

**Pantheon Summary** (Generated at Wed, 05 Jul 2017 13:54:23 +0000 with  
pantheon version 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b)

Repeated the test of 15 congestion control schemes 10 times.

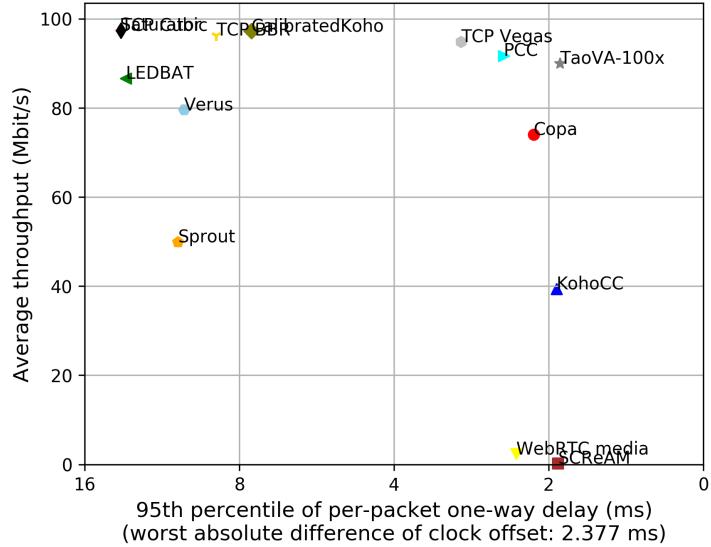
Each test lasted for 30 seconds running 1 flow.

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

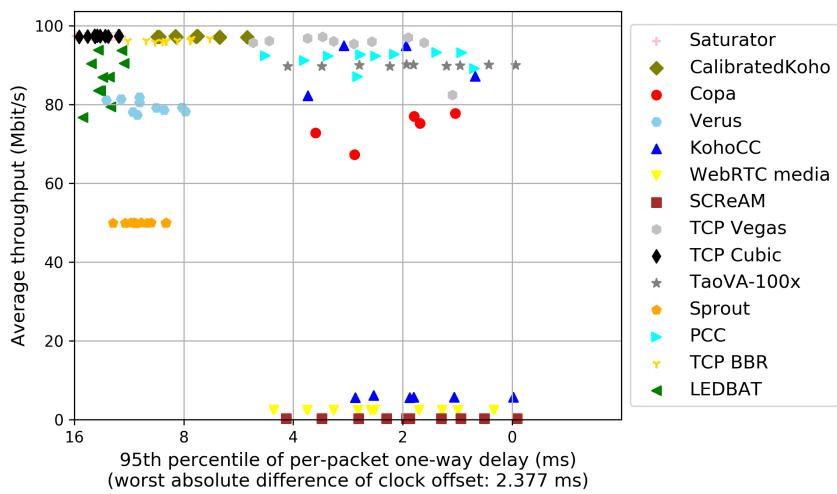
NTP offset measured against gps.ntp.br.

```
git branch: master @ 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

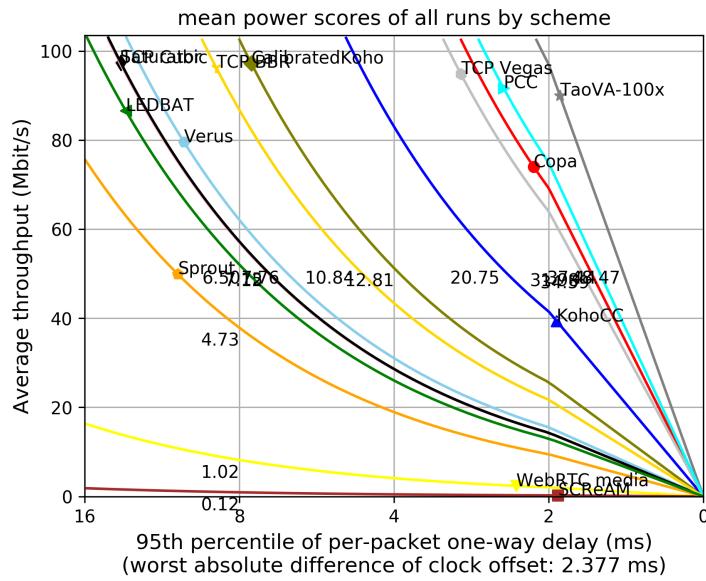
test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



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



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

```
Start at: Wed, 05 Jul 2017 10:17:28 +0000
```

```
End at: Wed, 05 Jul 2017 10:17:58 +0000
```

```
Local clock offset: 0.091 ms
```

```
Remote clock offset: -0.023 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:38 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 95.99 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.179 ms
```

```
Loss rate: 0.19%
```

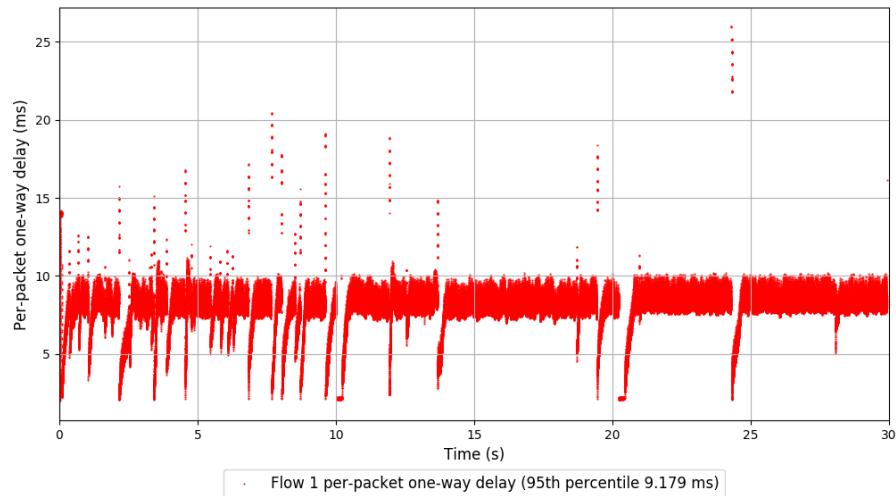
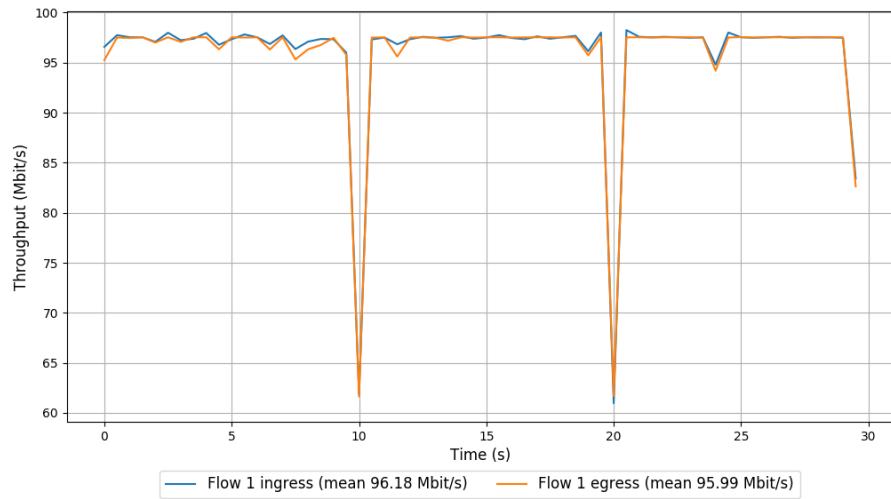
```
-- Flow 1:
```

```
Average throughput: 95.99 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.179 ms
```

```
Loss rate: 0.19%
```

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

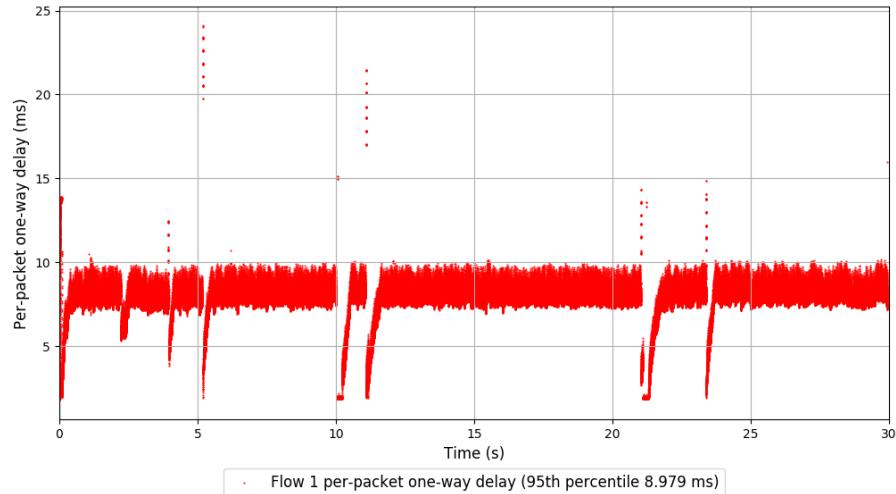
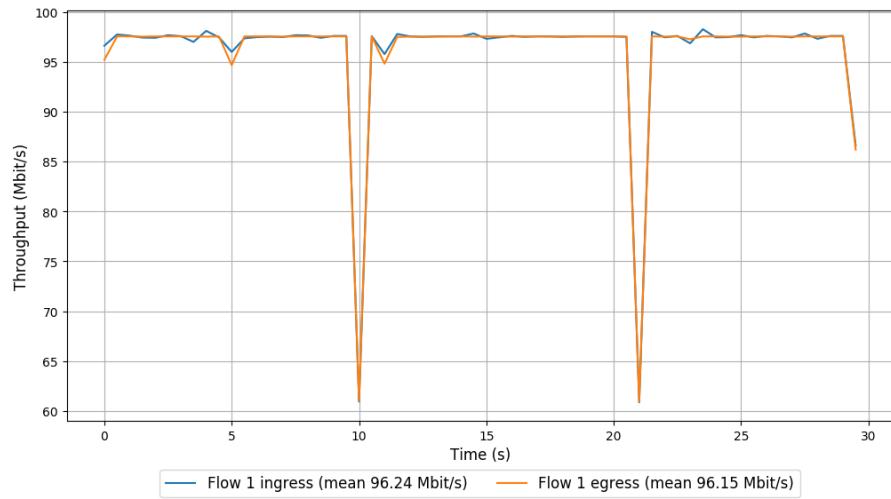


Run 2: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 10:34:27 +0000
End at: Wed, 05 Jul 2017 10:34:57 +0000
Local clock offset: 0.152 ms
Remote clock offset: -0.187 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 8.979 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 8.979 ms
Loss rate: 0.09%
```

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

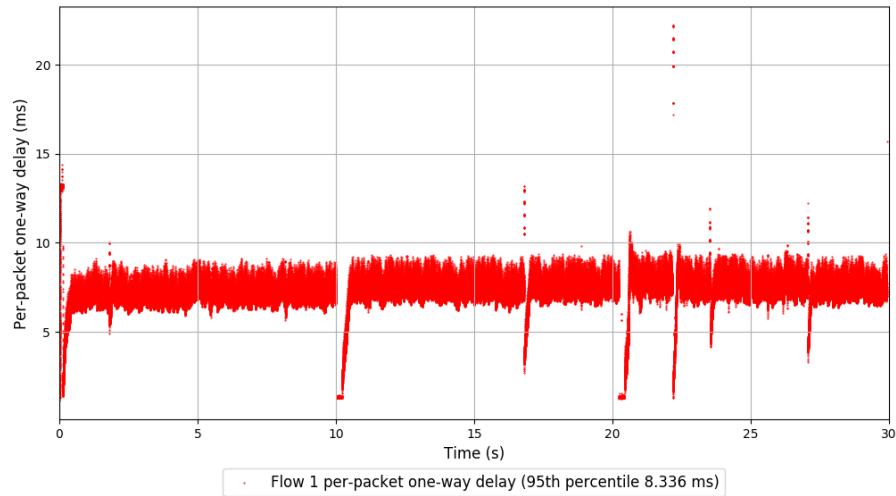
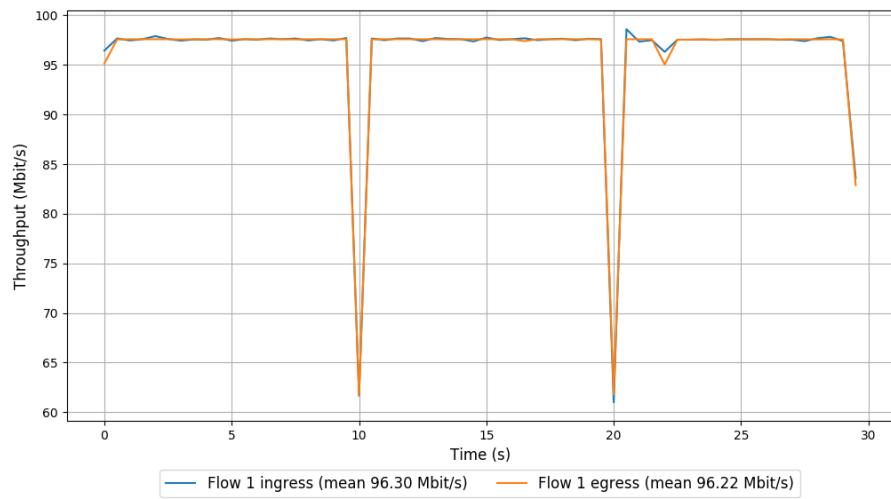


Run 3: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 10:51:25 +0000
End at: Wed, 05 Jul 2017 10:51:55 +0000
Local clock offset: 0.007 ms
Remote clock offset: -0.85 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 8.336 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 8.336 ms
Loss rate: 0.06%
```

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

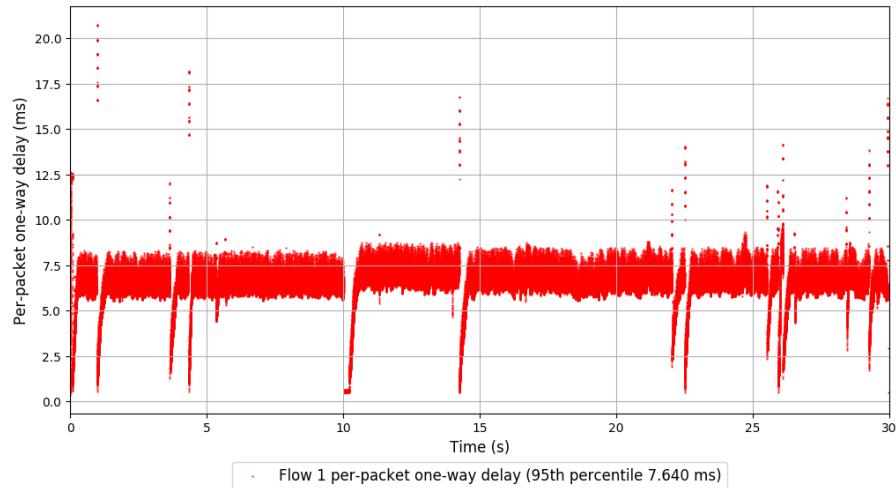
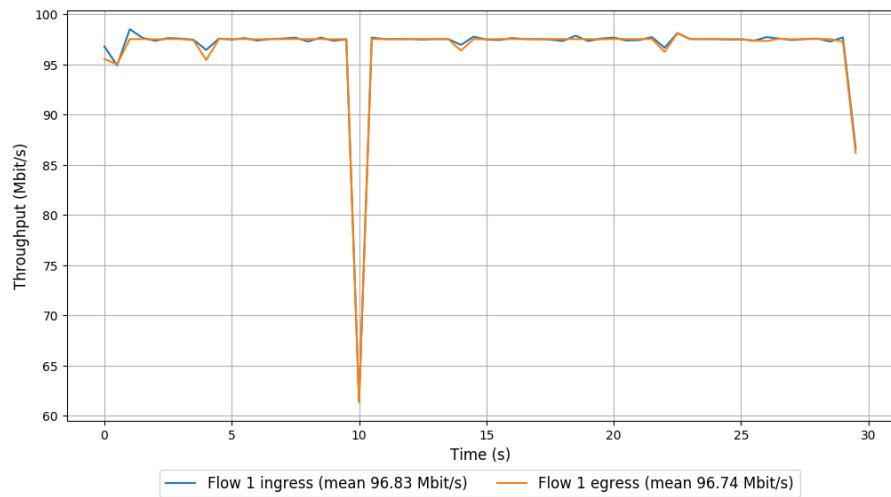


Run 4: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 11:08:29 +0000
End at: Wed, 05 Jul 2017 11:08:59 +0000
Local clock offset: -0.201 ms
Remote clock offset: -1.797 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:41:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 7.640 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 7.640 ms
Loss rate: 0.10%
```

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

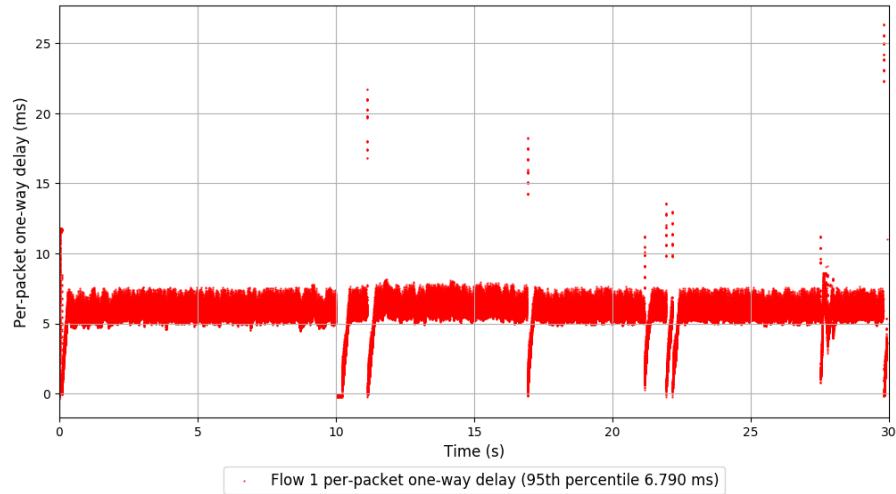
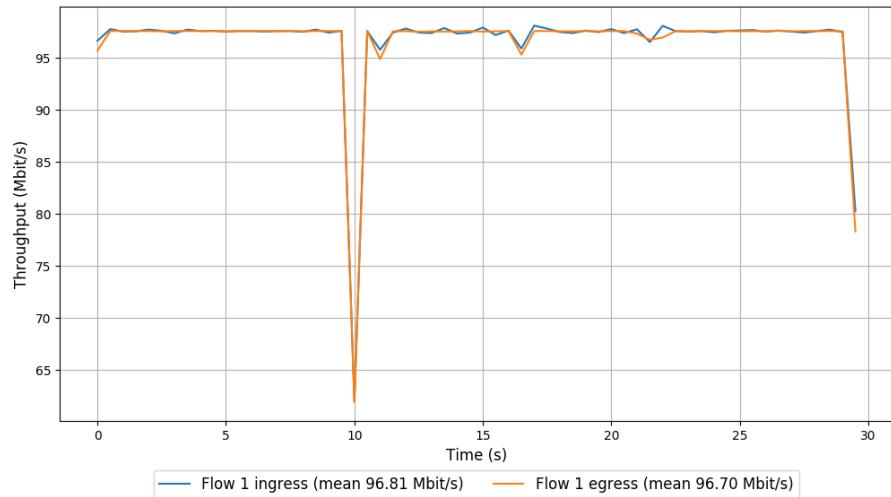


Run 5: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 11:25:29 +0000
End at: Wed, 05 Jul 2017 11:25:59 +0000
Local clock offset: -0.24 ms
Remote clock offset: -2.6 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 6.790 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 6.790 ms
Loss rate: 0.11%
```

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

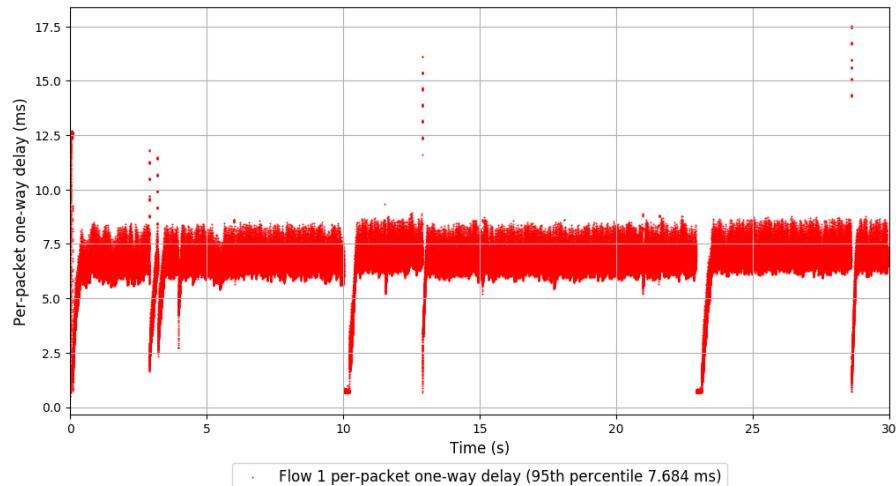
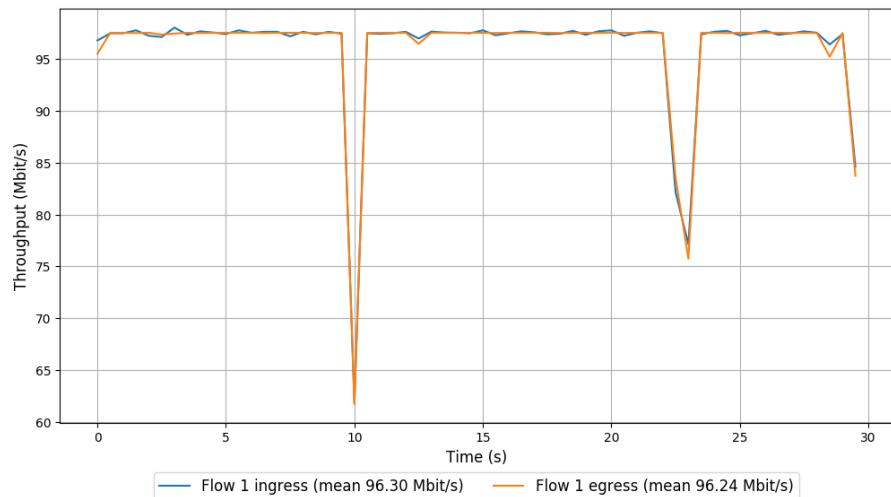


Run 6: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 11:42:26 +0000
End at: Wed, 05 Jul 2017 11:42:56 +0000
Local clock offset: -0.469 ms
Remote clock offset: -2.013 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 7.684 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 7.684 ms
Loss rate: 0.08%
```

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

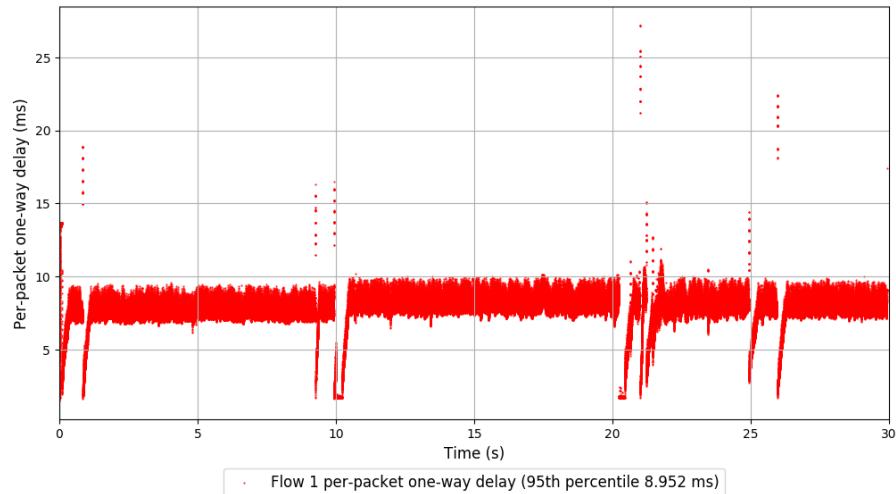
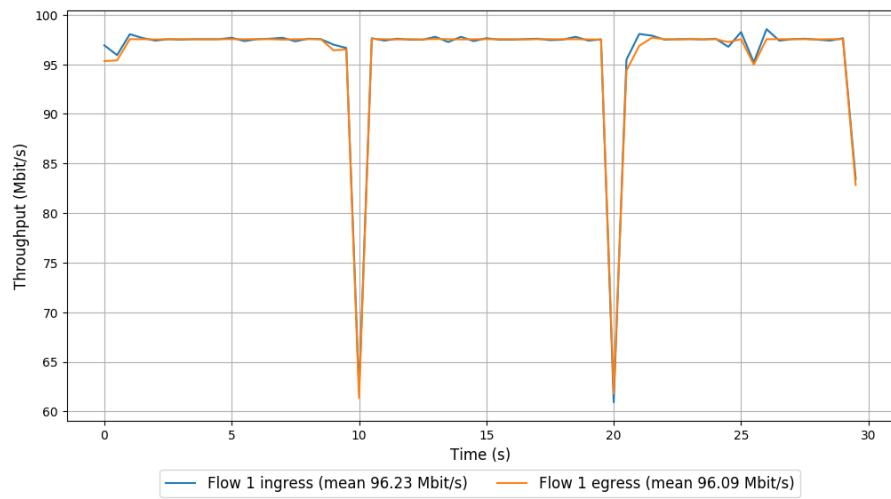


Run 7: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 11:59:23 +0000
End at: Wed, 05 Jul 2017 11:59:53 +0000
Local clock offset: -0.736 ms
Remote clock offset: -1.248 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 8.952 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 8.952 ms
Loss rate: 0.13%
```

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

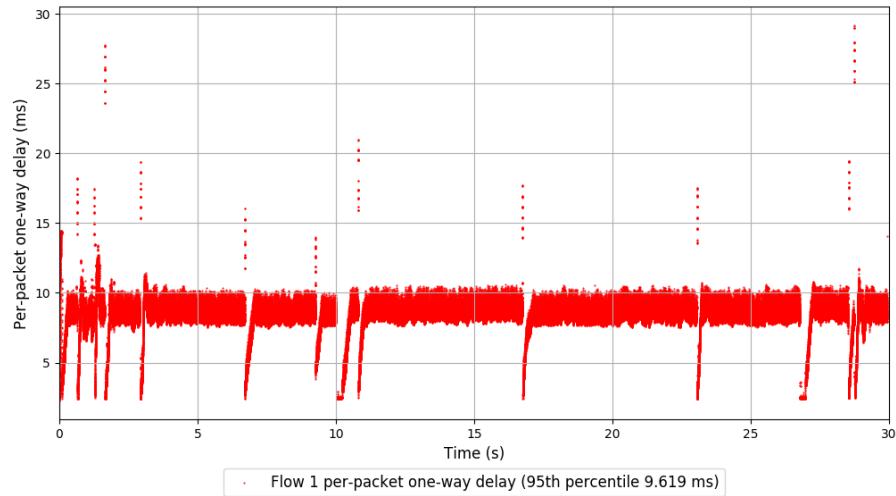
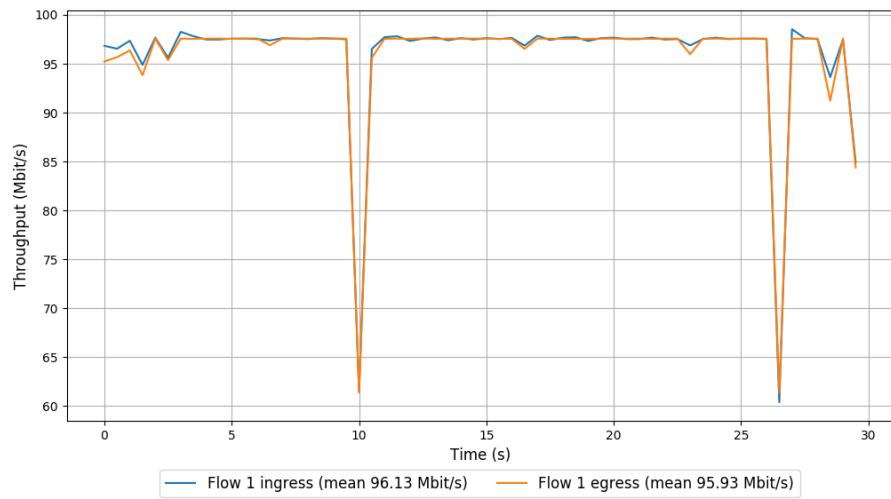


Run 8: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 12:16:14 +0000
End at: Wed, 05 Jul 2017 12:16:44 +0000
Local clock offset: -0.87 ms
Remote clock offset: -0.56 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 9.619 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 9.619 ms
Loss rate: 0.20%
```

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

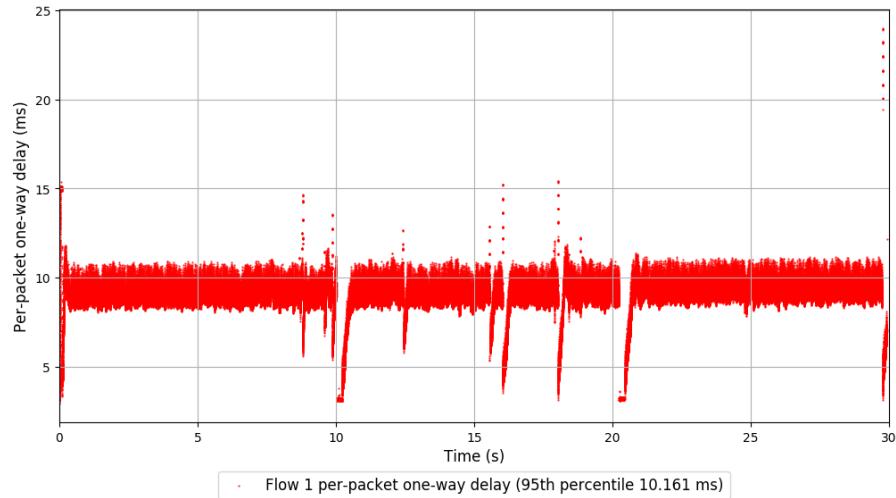
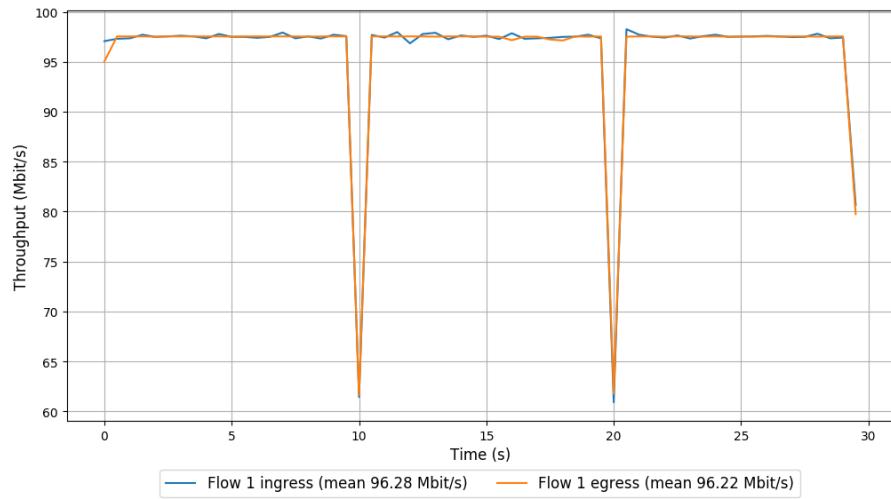


Run 9: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 12:33:11 +0000
End at: Wed, 05 Jul 2017 12:33:41 +0000
Local clock offset: -0.965 ms
Remote clock offset: 0.017 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 10.161 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 10.161 ms
Loss rate: 0.06%
```

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

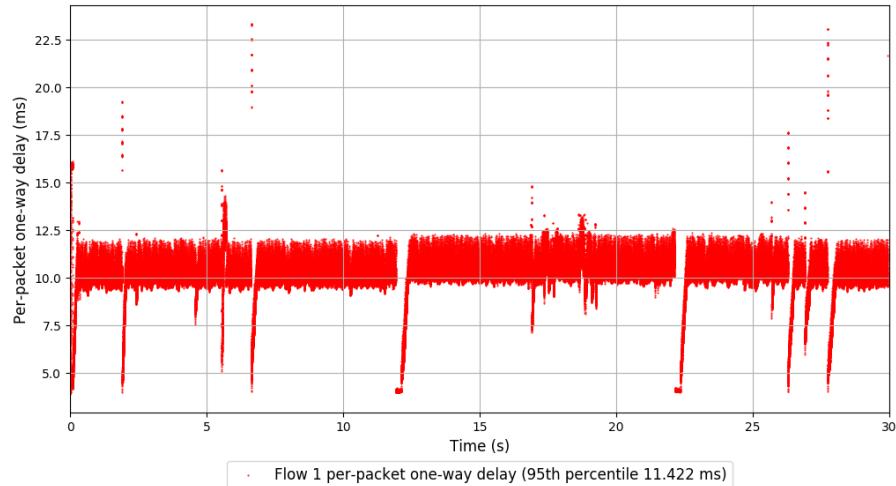
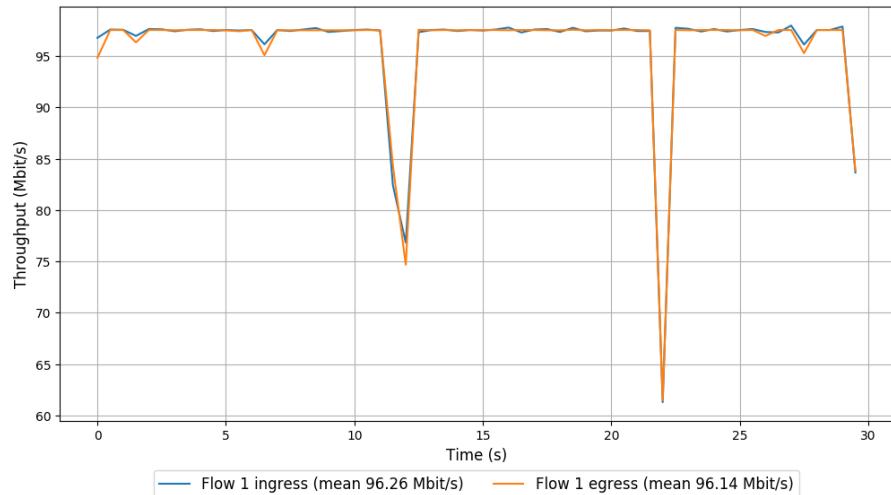


Run 10: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 12:50:14 +0000
End at: Wed, 05 Jul 2017 12:50:44 +0000
Local clock offset: -1.184 ms
Remote clock offset: 0.669 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 11.422 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 11.422 ms
Loss rate: 0.10%
```

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



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

```
Start at: Wed, 05 Jul 2017 10:16:18 +0000
```

```
End at: Wed, 05 Jul 2017 10:16:48 +0000
```

```
Local clock offset: 0.115 ms
```

```
Remote clock offset: 0.026 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:45 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.439 ms
```

```
Loss rate: 0.08%
```

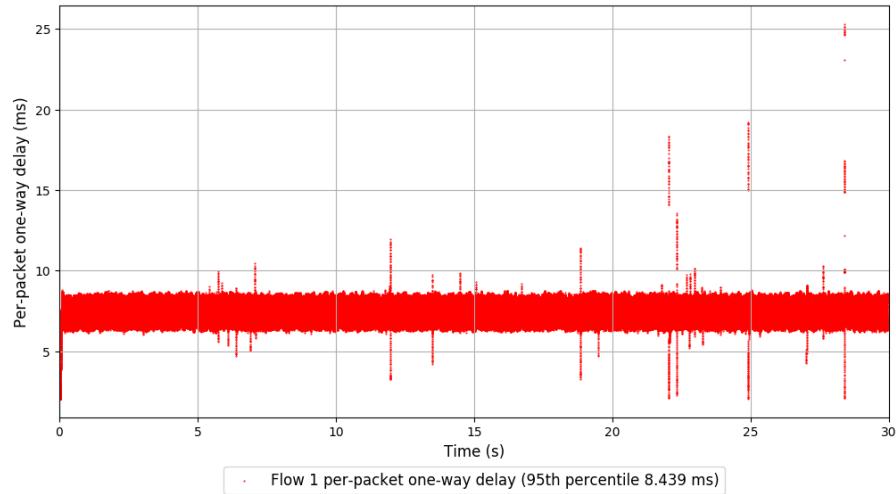
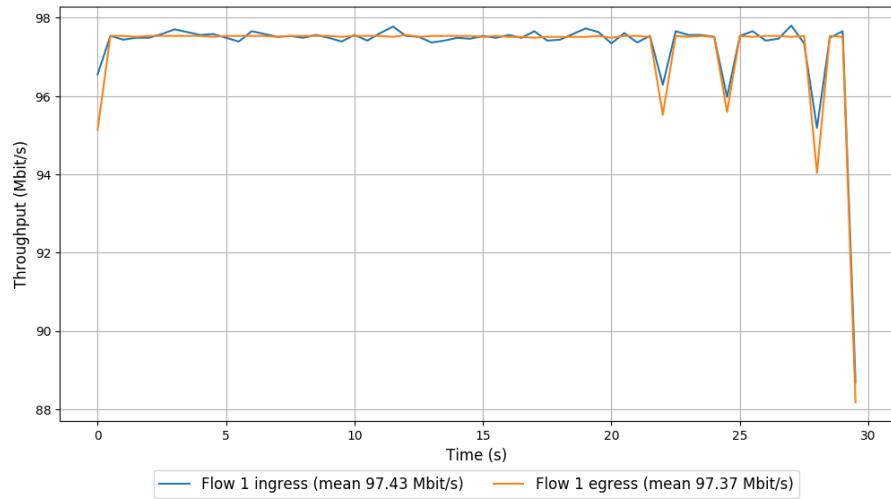
```
-- Flow 1:
```

```
Average throughput: 97.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.439 ms
```

```
Loss rate: 0.08%
```

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

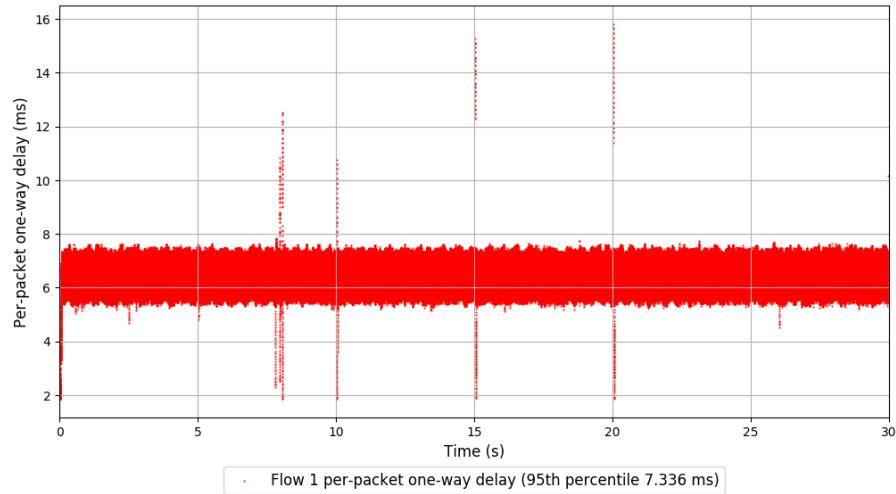
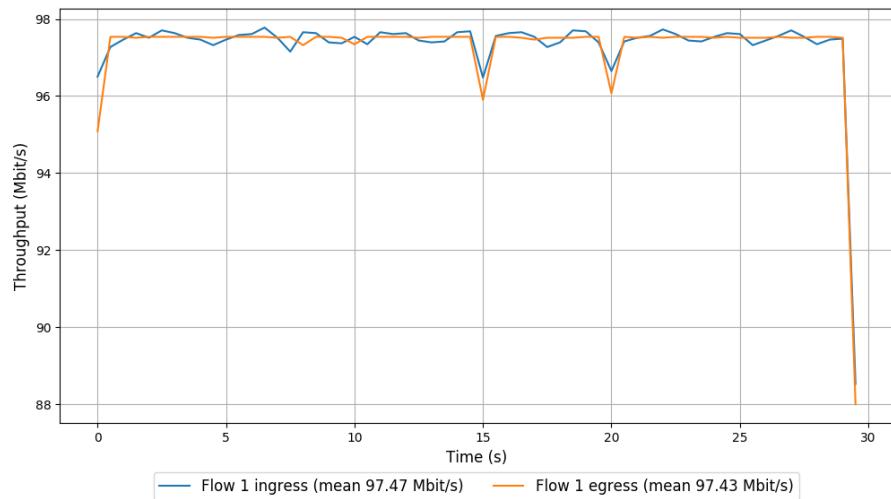


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 10:33:16 +0000
End at: Wed, 05 Jul 2017 10:33:46 +0000
Local clock offset: 0.171 ms
Remote clock offset: -0.073 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 7.336 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 7.336 ms
Loss rate: 0.05%
```

## Run 2: Report of CalibratedKoho — Data Link

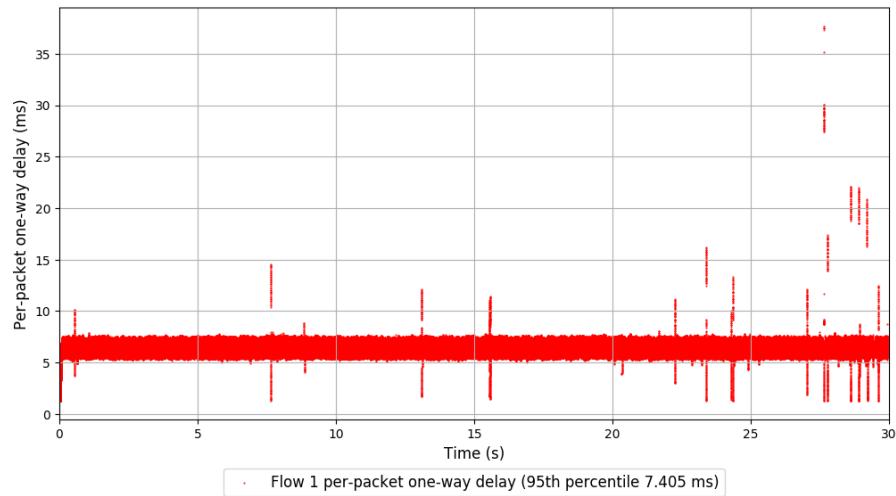
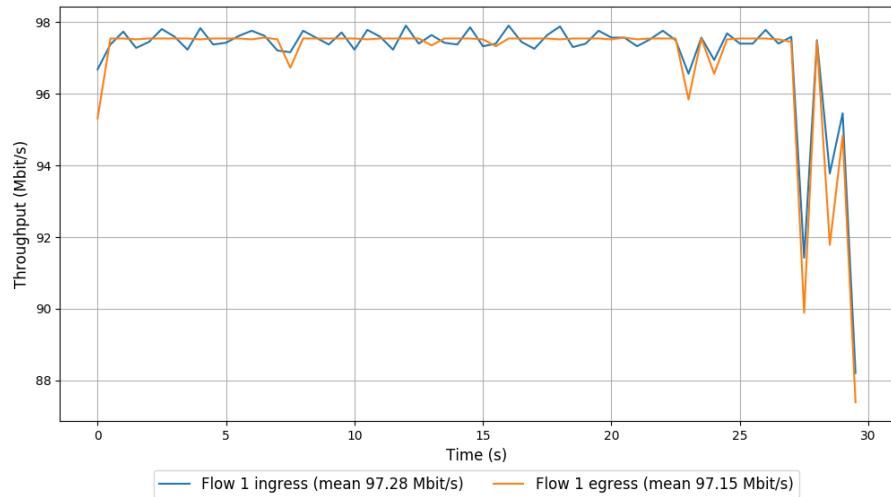


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 10:50:14 +0000
End at: Wed, 05 Jul 2017 10:50:44 +0000
Local clock offset: 0.106 ms
Remote clock offset: -0.811 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 7.405 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 7.405 ms
Loss rate: 0.14%
```

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



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

```
Start at: Wed, 05 Jul 2017 11:07:19 +0000
```

```
End at: Wed, 05 Jul 2017 11:07:49 +0000
```

```
Local clock offset: -0.164 ms
```

```
Remote clock offset: -1.73 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:42:59 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.05 Mbit/s
```

```
95th percentile per-packet one-way delay: 6.385 ms
```

```
Loss rate: 0.16%
```

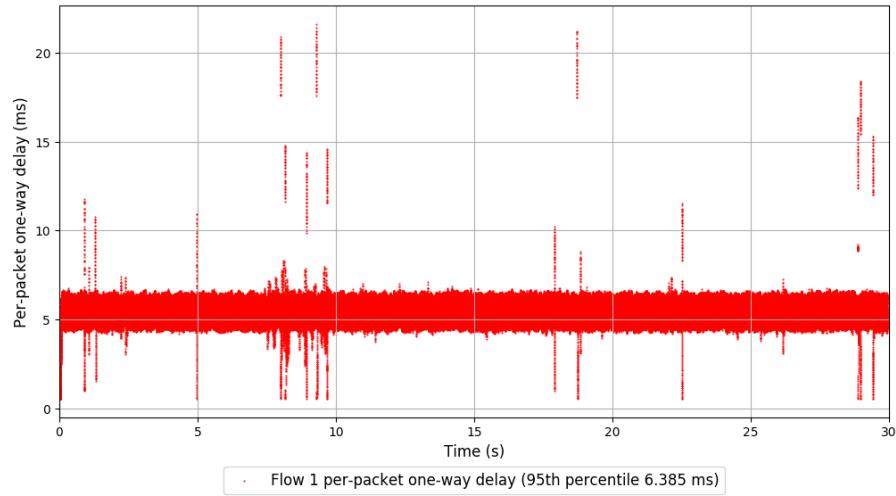
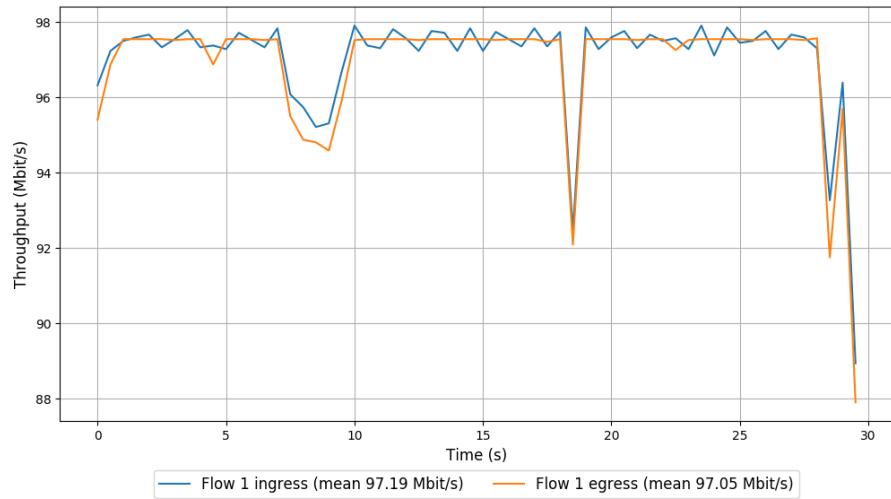
```
-- Flow 1:
```

```
Average throughput: 97.05 Mbit/s
```

```
95th percentile per-packet one-way delay: 6.385 ms
```

```
Loss rate: 0.16%
```

## Run 4: Report of CalibratedKoho — Data Link

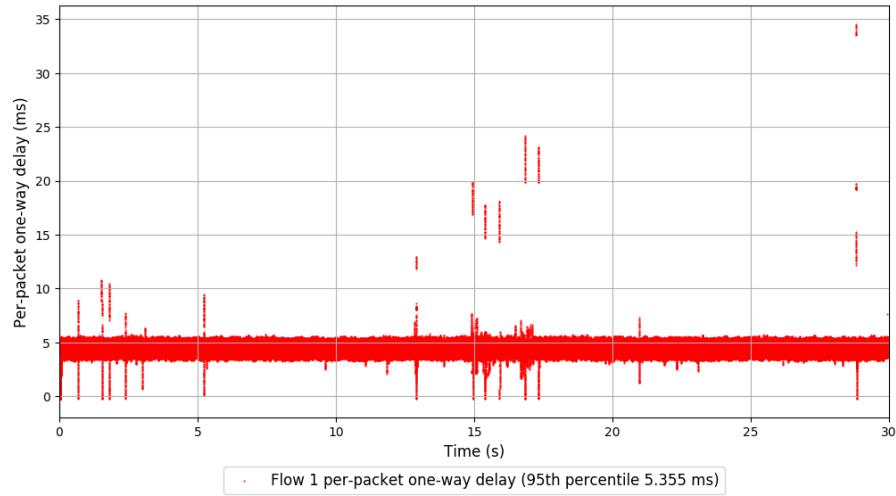
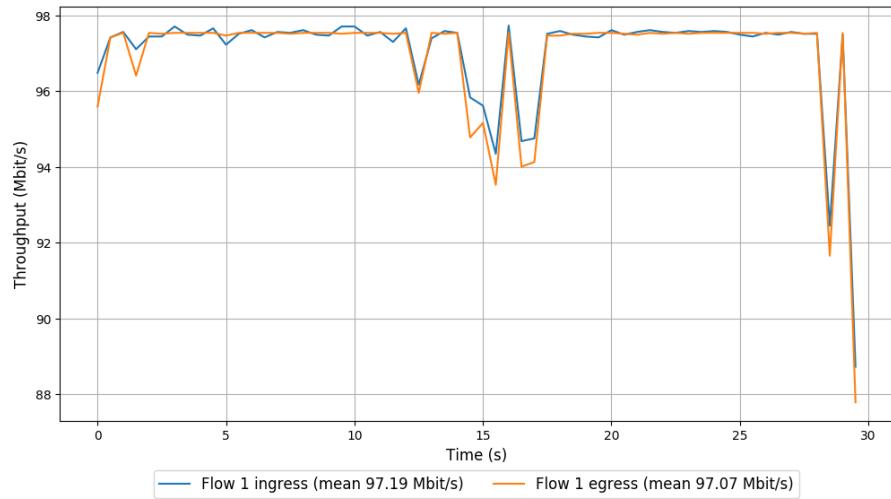


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 11:24:19 +0000
End at: Wed, 05 Jul 2017 11:24:49 +0000
Local clock offset: -0.237 ms
Remote clock offset: -2.563 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:43:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 5.355 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 5.355 ms
Loss rate: 0.13%
```

## Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 11:41:15 +0000
```

```
End at: Wed, 05 Jul 2017 11:41:45 +0000
```

```
Local clock offset: -0.514 ms
```

```
Remote clock offset: -2.097 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:43:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 6.380 ms
```

```
Loss rate: 0.11%
```

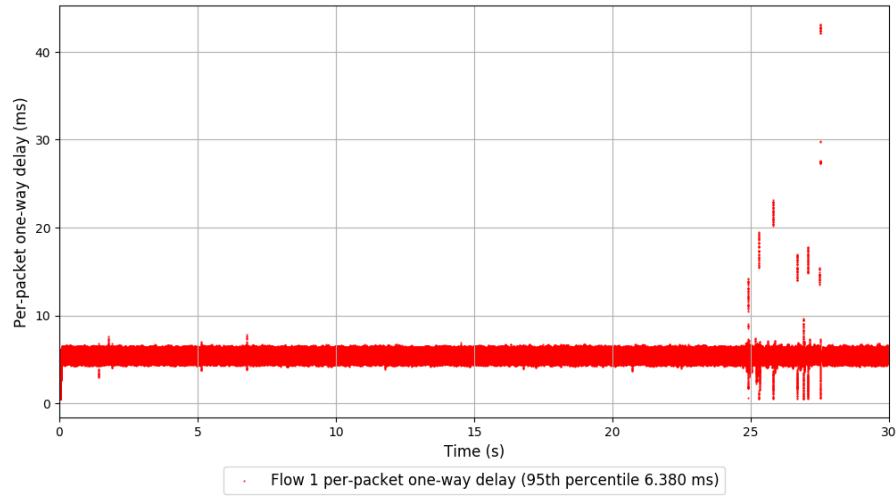
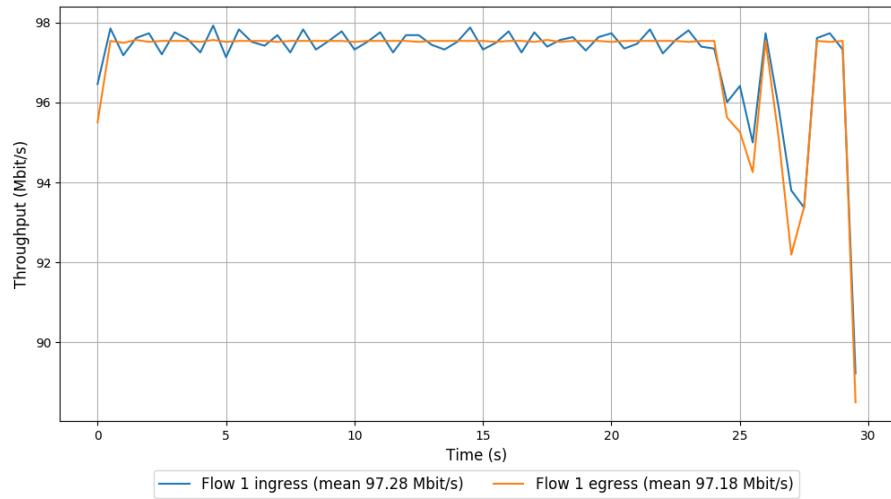
```
-- Flow 1:
```

```
Average throughput: 97.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 6.380 ms
```

```
Loss rate: 0.11%
```

Run 6: Report of CalibratedKoho — Data Link

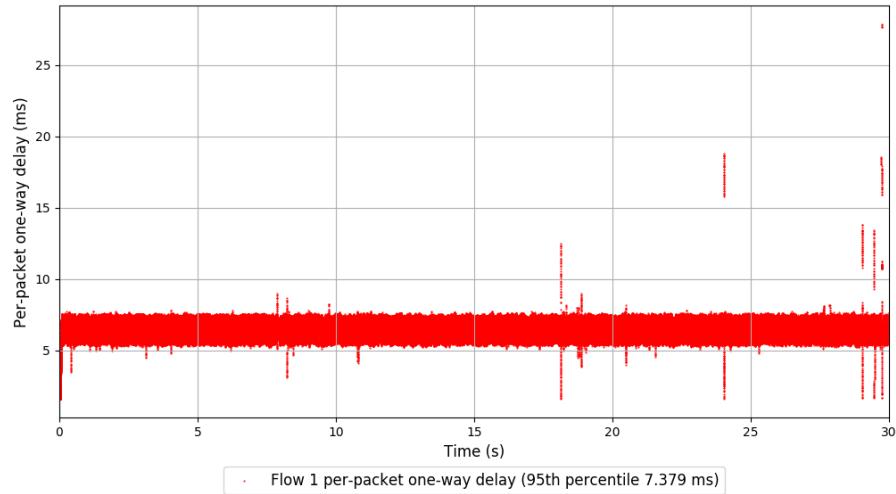
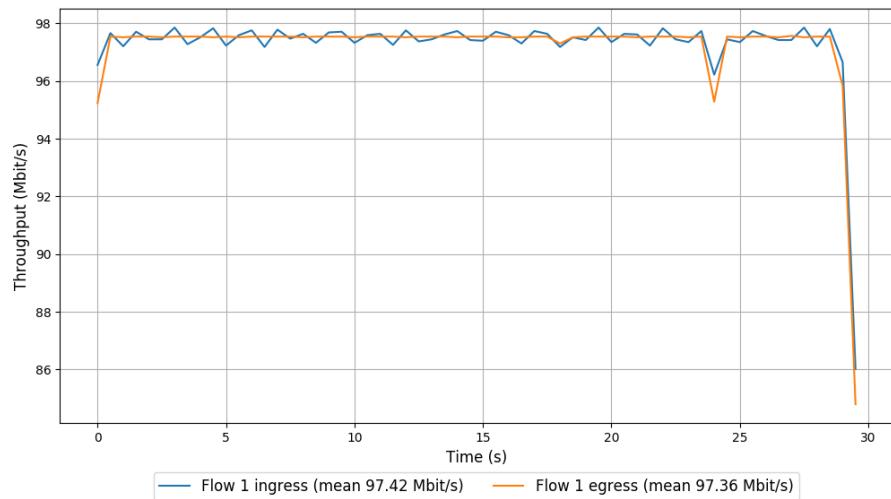


Run 7: Statistics of CalibratedKoho

```
Start at: Wed, 05 Jul 2017 11:58:12 +0000
End at: Wed, 05 Jul 2017 11:58:42 +0000
Local clock offset: -0.664 ms
Remote clock offset: -1.215 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:43:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 7.379 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 7.379 ms
Loss rate: 0.07%
```

## Run 7: Report of CalibratedKoho — Data Link

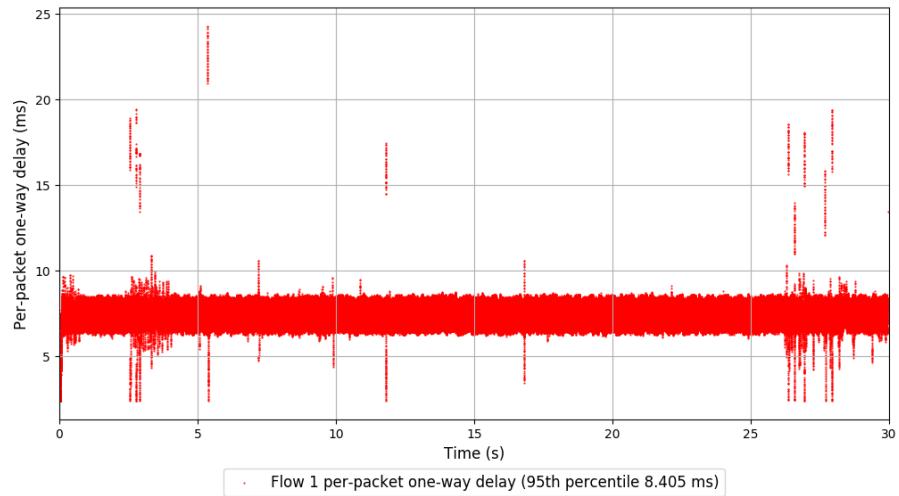
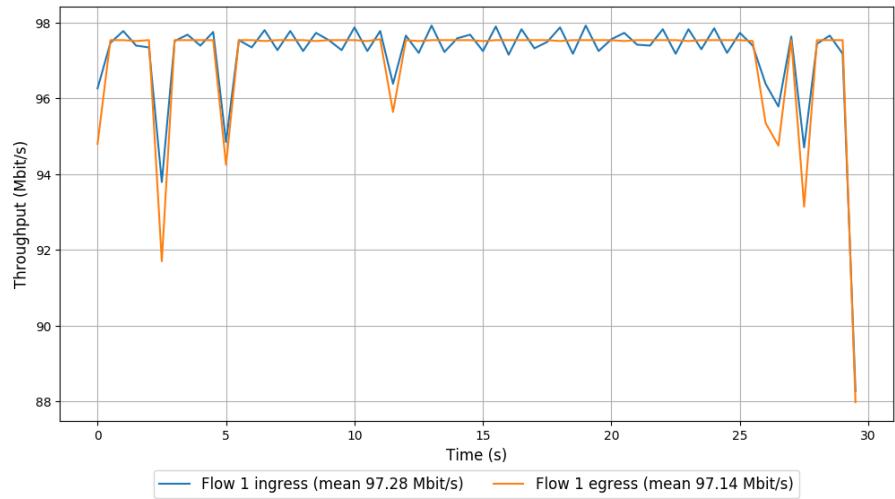


Run 8: Statistics of CalibratedKoho

```
Start at: Wed, 05 Jul 2017 12:15:03 +0000
End at: Wed, 05 Jul 2017 12:15:33 +0000
Local clock offset: -0.917 ms
Remote clock offset: -0.586 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:43:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 8.405 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 8.405 ms
Loss rate: 0.15%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 12:32:00 +0000
```

```
End at: Wed, 05 Jul 2017 12:32:30 +0000
```

```
Local clock offset: -0.912 ms
```

```
Remote clock offset: -0.069 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:43:40 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.446 ms
```

```
Loss rate: 0.11%
```

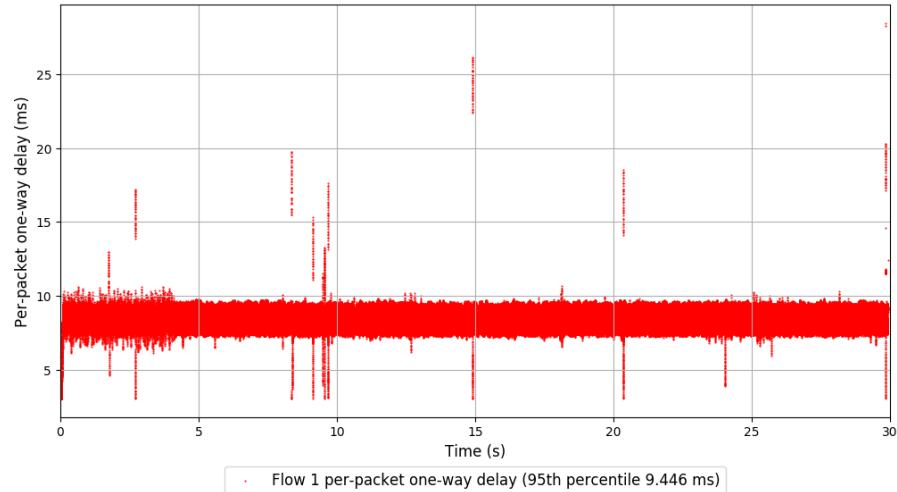
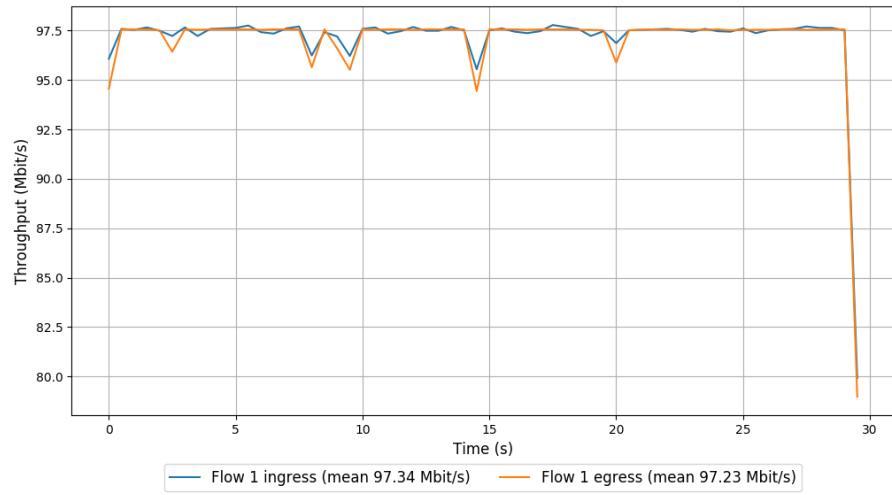
```
-- Flow 1:
```

```
Average throughput: 97.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.446 ms
```

```
Loss rate: 0.11%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Wed, 05 Jul 2017 12:49:03 +0000
```

```
End at: Wed, 05 Jul 2017 12:49:33 +0000
```

```
Local clock offset: -1.176 ms
```

```
Remote clock offset: 0.577 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:43:40 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.340 ms
```

```
Loss rate: 0.10%
```

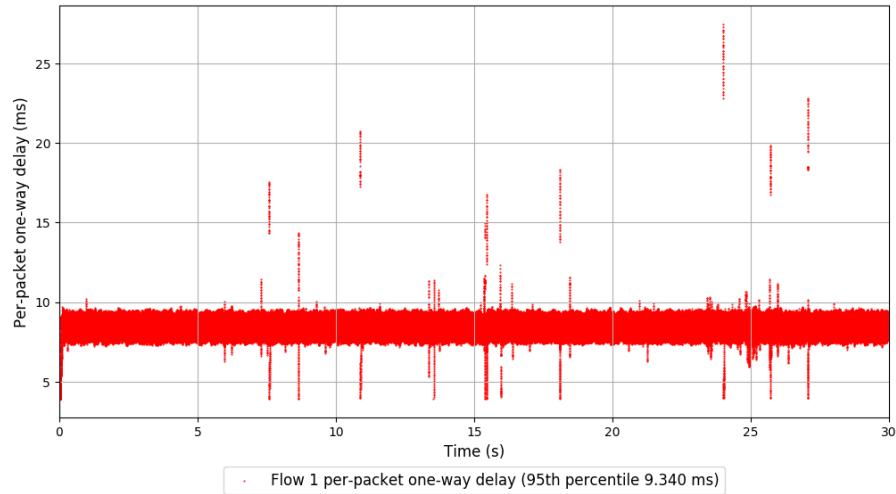
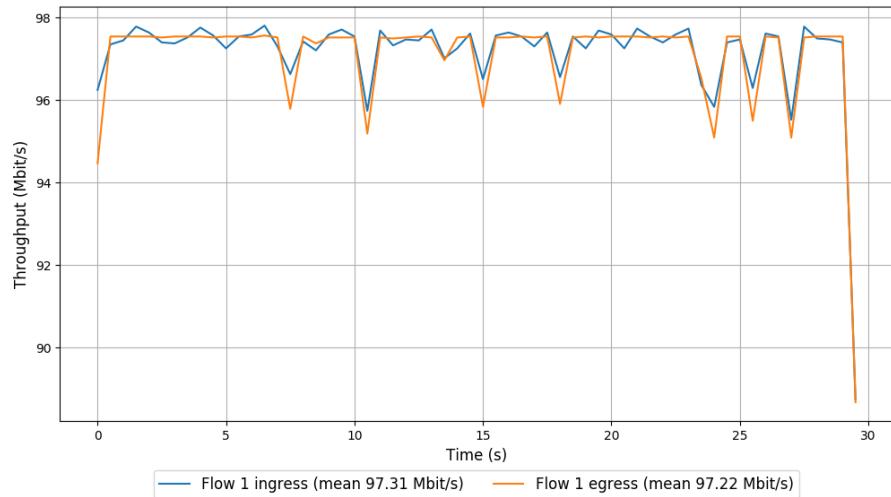
```
-- Flow 1:
```

```
Average throughput: 97.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 9.340 ms
```

```
Loss rate: 0.10%
```

Run 10: Report of CalibratedKoho — Data Link

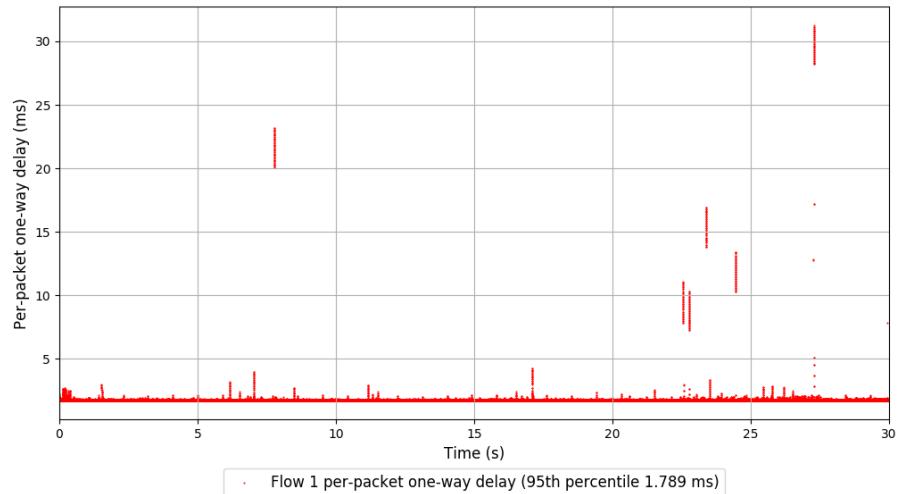
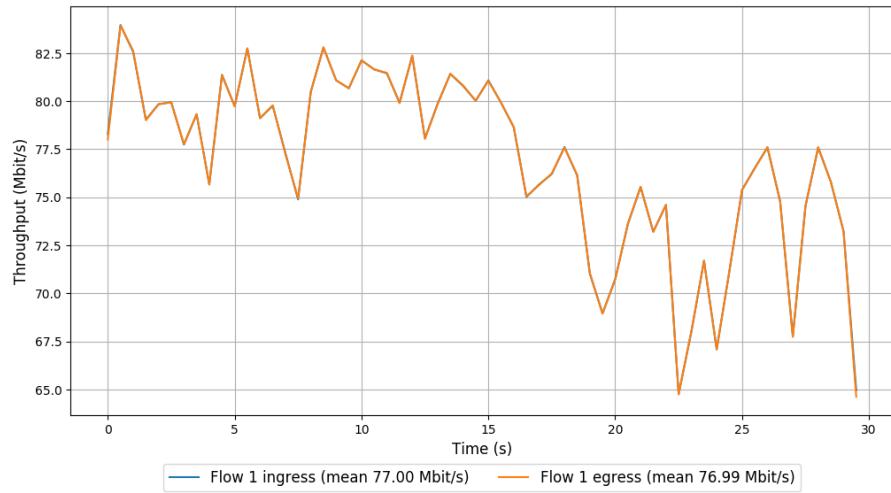


Run 1: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 10:06:02 +0000
End at: Wed, 05 Jul 2017 10:06:33 +0000
Local clock offset: 0.101 ms
Remote clock offset: -0.246 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:43:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 1.789 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 1.789 ms
Loss rate: 0.01%
```

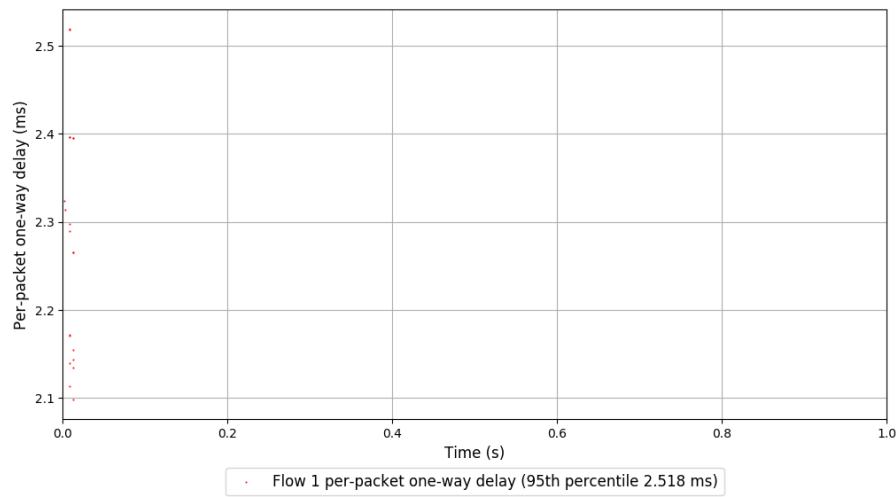
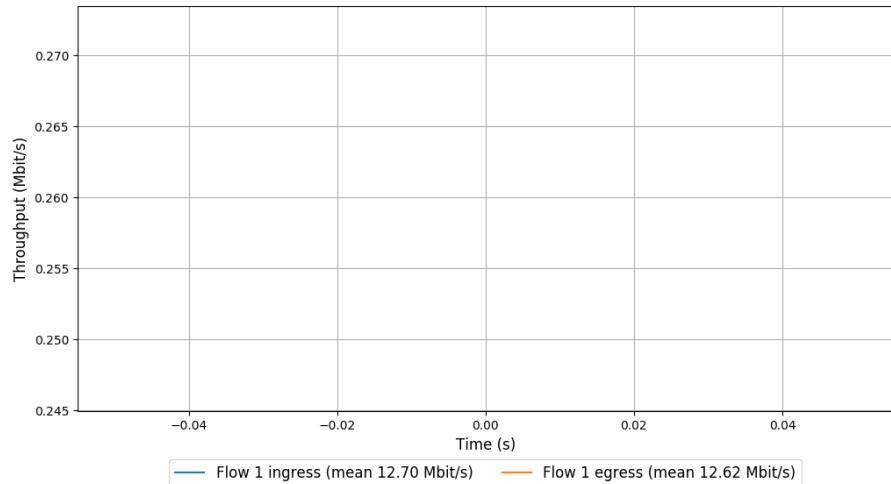
## Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Wed, 05 Jul 2017 10:23:08 +0000  
End at: Wed, 05 Jul 2017 10:23:38 +0000  
Local clock offset: 0.121 ms  
Remote clock offset: 0.034 ms

## Run 2: Report of Copa — Data Link

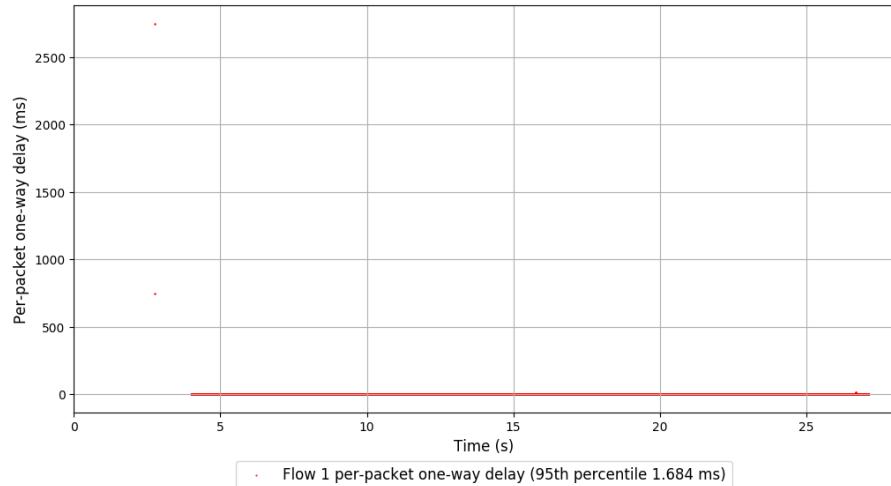
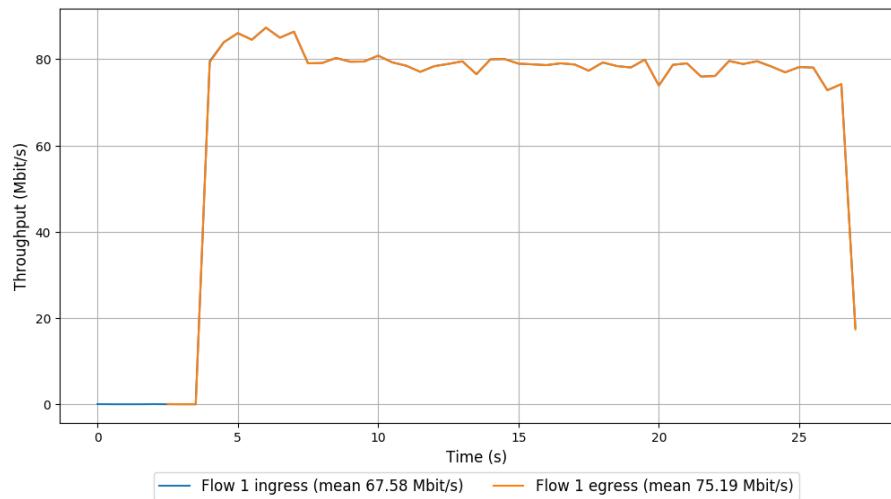


Run 3: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 10:40:00 +0000
End at: Wed, 05 Jul 2017 10:40:30 +0000
Local clock offset: 0.05 ms
Remote clock offset: -0.352 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:43:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.19 Mbit/s
95th percentile per-packet one-way delay: 1.684 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 75.19 Mbit/s
95th percentile per-packet one-way delay: 1.684 ms
Loss rate: 0.02%
```

### Run 3: Report of Copa — Data Link

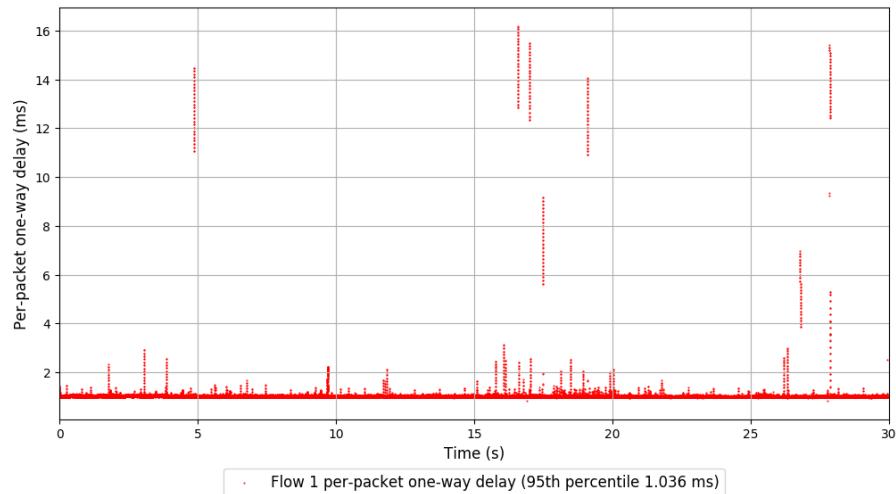
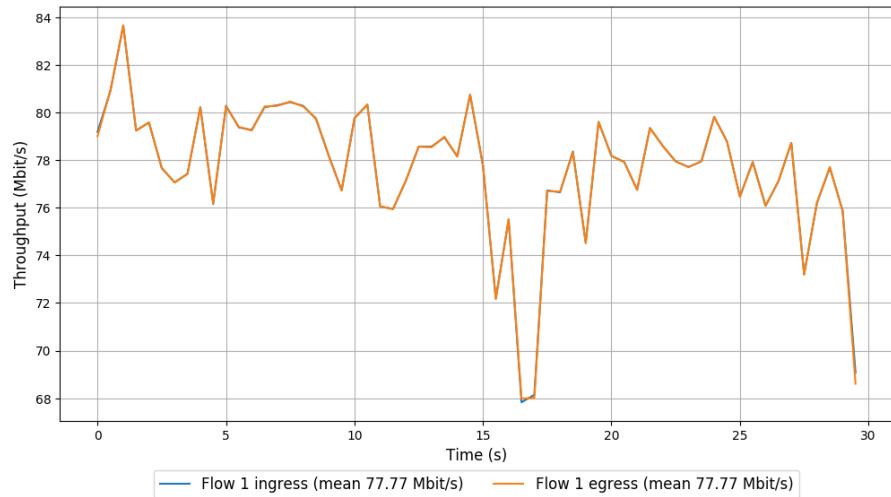


Run 4: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 10:57:04 +0000
End at: Wed, 05 Jul 2017 10:57:34 +0000
Local clock offset: -0.045 ms
Remote clock offset: -1.045 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:44:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 1.036 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 1.036 ms
Loss rate: 0.01%
```

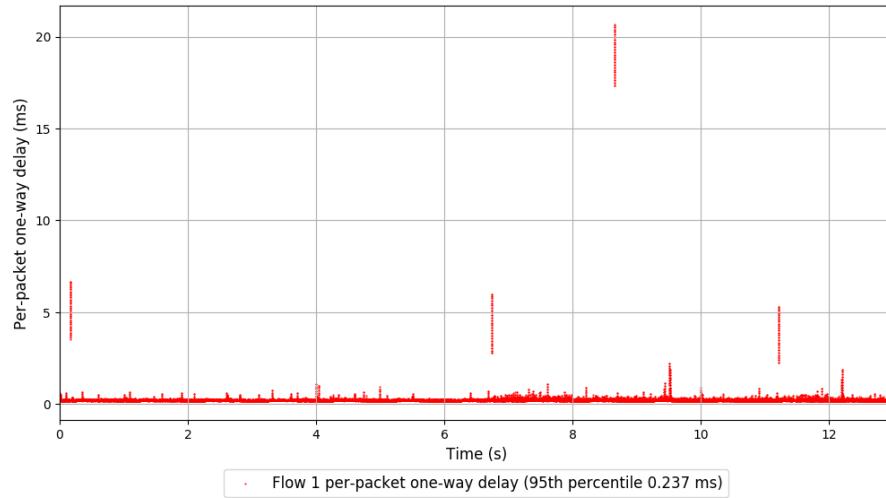
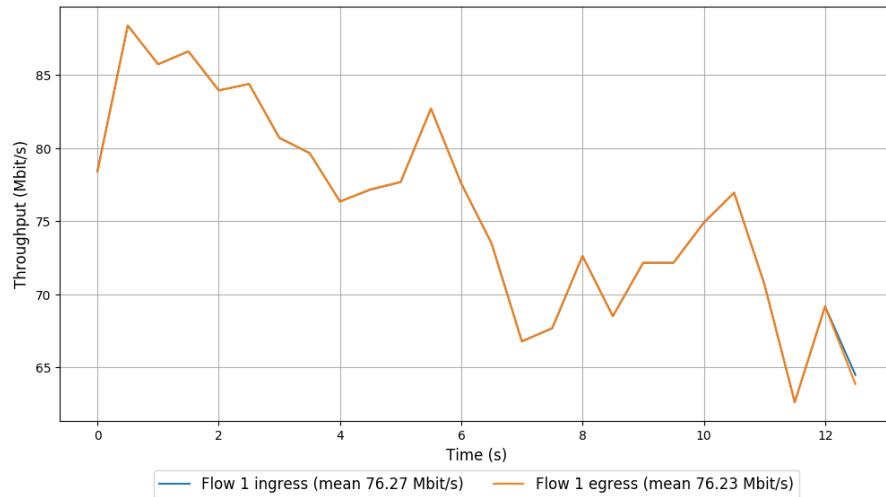
## Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Wed, 05 Jul 2017 11:14:08 +0000  
End at: Wed, 05 Jul 2017 11:14:38 +0000  
Local clock offset: -0.266 ms  
Remote clock offset: -2.17 ms

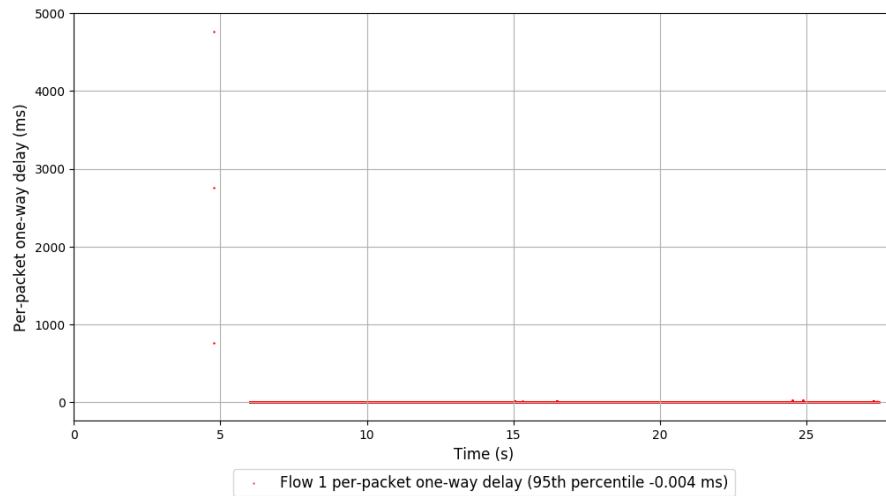
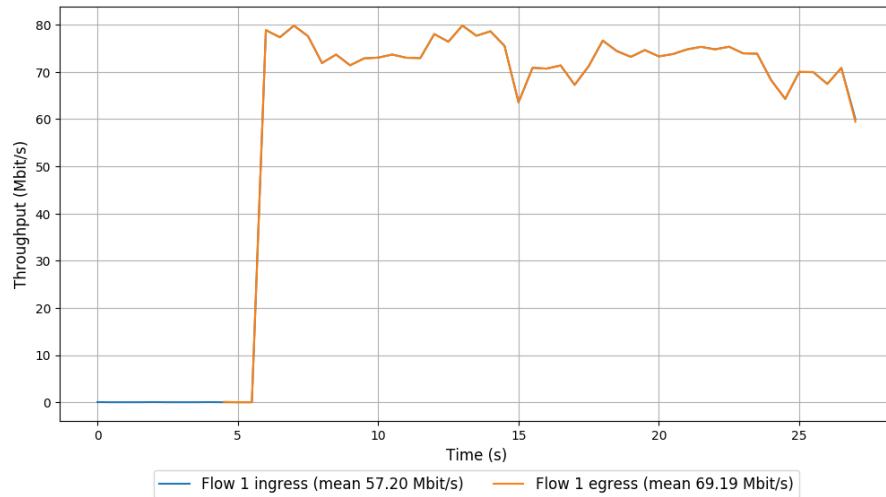
## Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Wed, 05 Jul 2017 11:31:02 +0000  
End at: Wed, 05 Jul 2017 11:31:32 +0000  
Local clock offset: -0.398 ms  
Remote clock offset: -2.55 ms

## Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

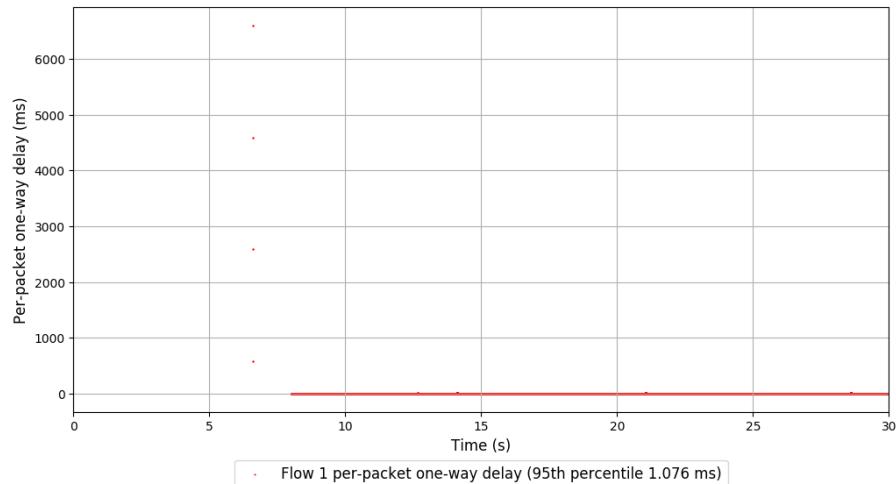
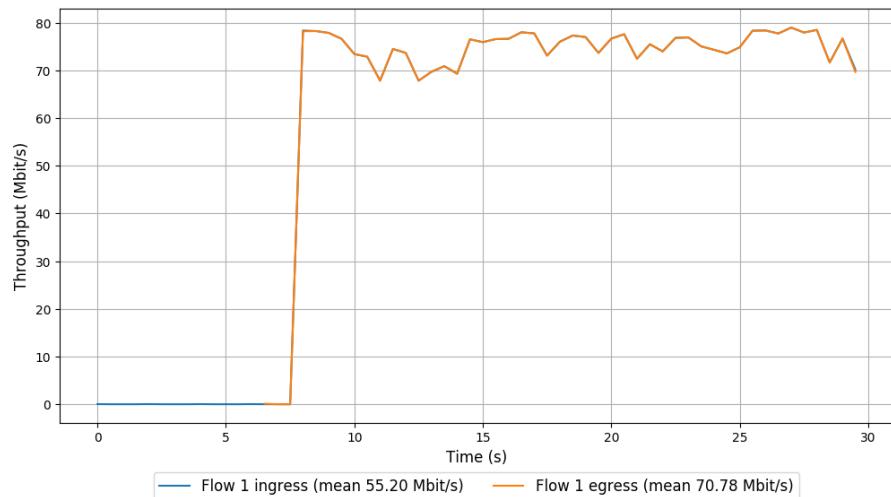
Start at: Wed, 05 Jul 2017 11:47:59 +0000

End at: Wed, 05 Jul 2017 11:48:29 +0000

Local clock offset: -0.664 ms

Remote clock offset: -1.788 ms

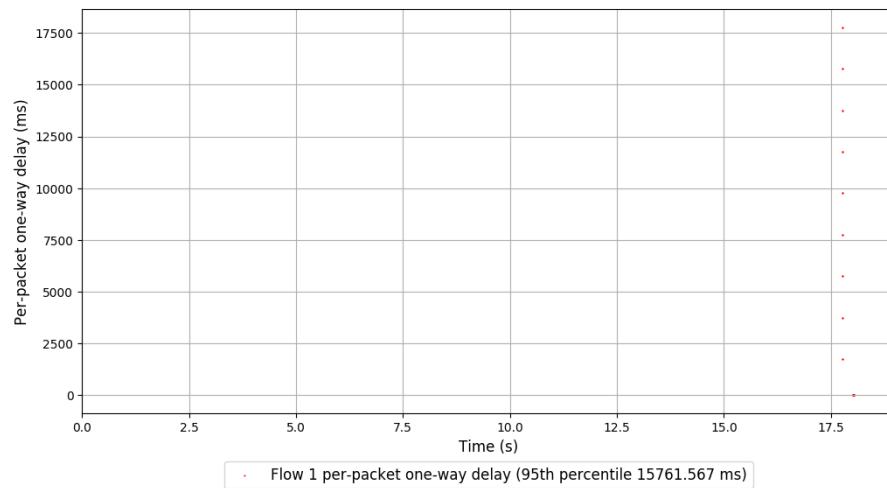
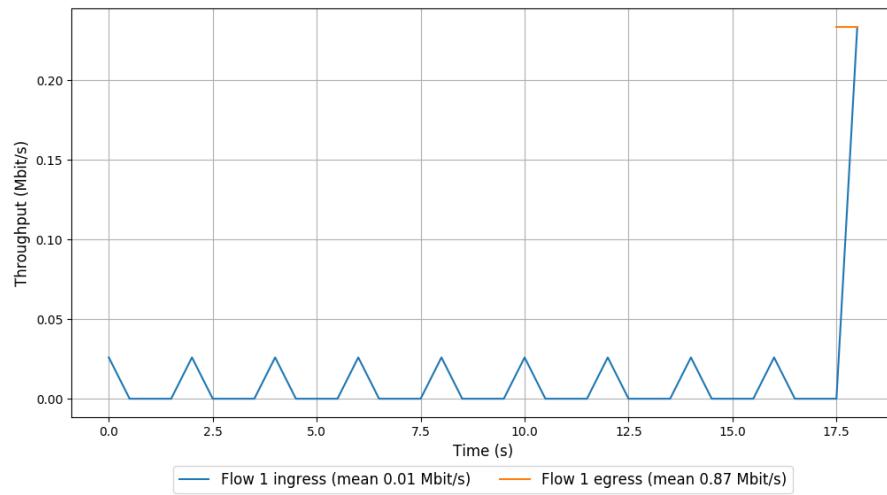
## Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Wed, 05 Jul 2017 12:04:56 +0000  
End at: Wed, 05 Jul 2017 12:05:26 +0000  
Local clock offset: -0.716 ms  
Remote clock offset: -0.918 ms

## Run 8: Report of Copa — Data Link

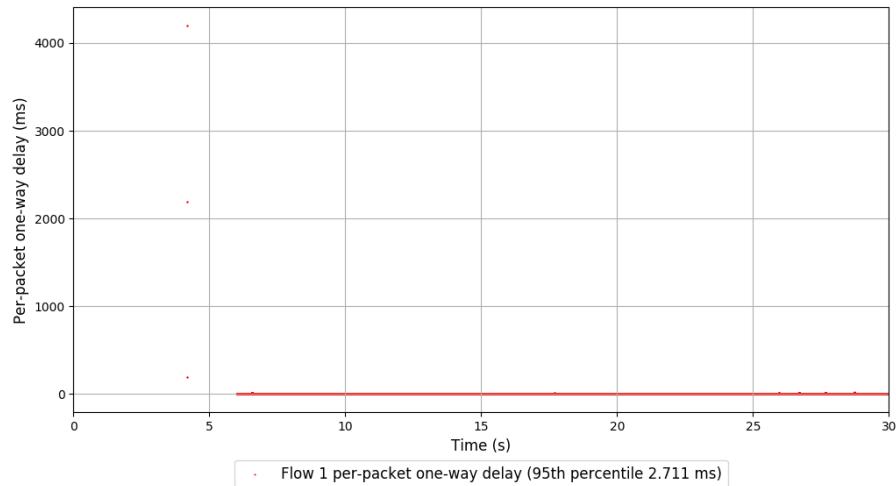
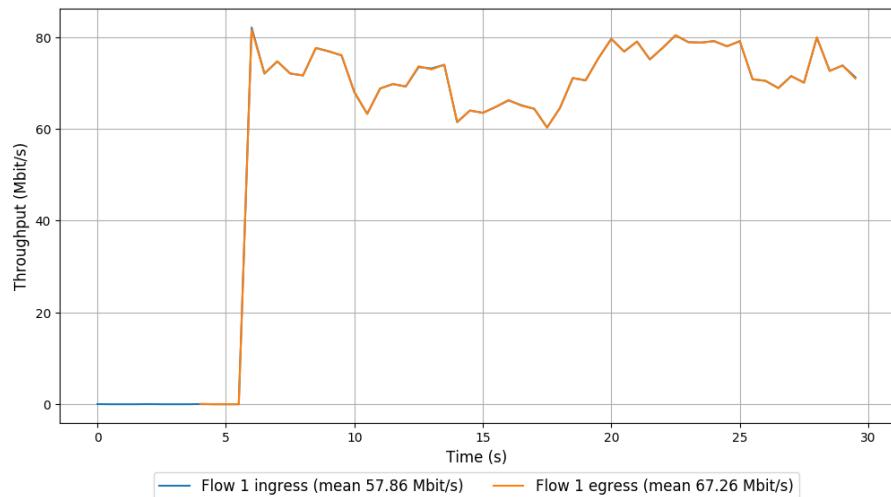


Run 9: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 12:21:46 +0000
End at: Wed, 05 Jul 2017 12:22:16 +0000
Local clock offset: -0.984 ms
Remote clock offset: -0.403 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:44:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.26 Mbit/s
95th percentile per-packet one-way delay: 2.711 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 67.26 Mbit/s
95th percentile per-packet one-way delay: 2.711 ms
Loss rate: 0.02%
```

## Run 9: Report of Copa — Data Link

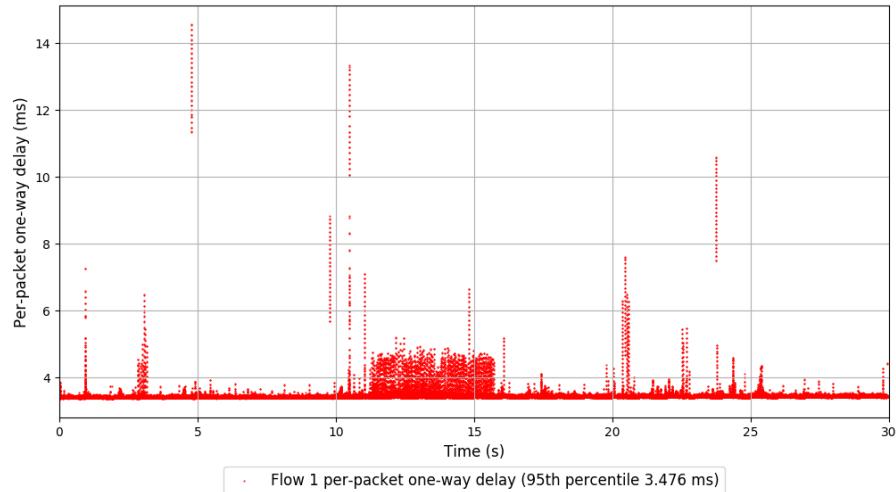
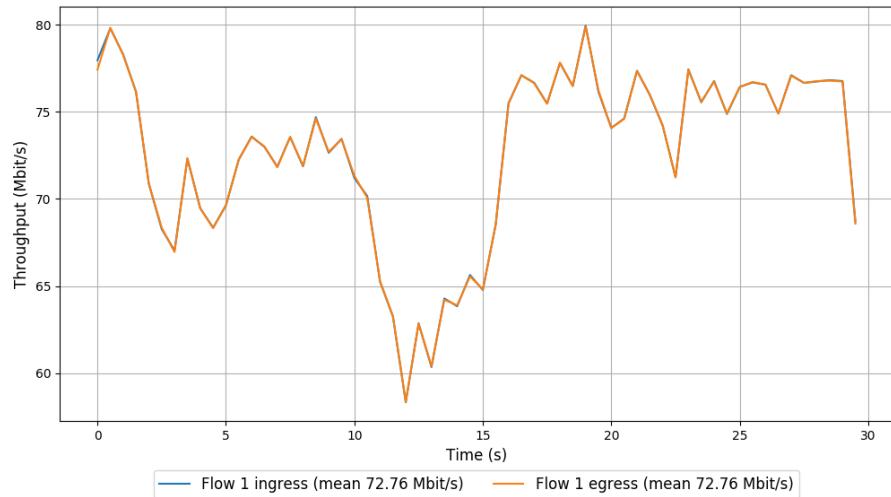


Run 10: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 12:38:49 +0000
End at: Wed, 05 Jul 2017 12:39:19 +0000
Local clock offset: -1.059 ms
Remote clock offset: 0.115 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:44:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.76 Mbit/s
95th percentile per-packet one-way delay: 3.476 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 72.76 Mbit/s
95th percentile per-packet one-way delay: 3.476 ms
Loss rate: 0.01%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Wed, 05 Jul 2017 10:08:24 +0000
```

```
End at: Wed, 05 Jul 2017 10:08:54 +0000
```

```
Local clock offset: 0.116 ms
```

```
Remote clock offset: -0.145 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:44:49 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.841 ms
```

```
Loss rate: 0.09%
```

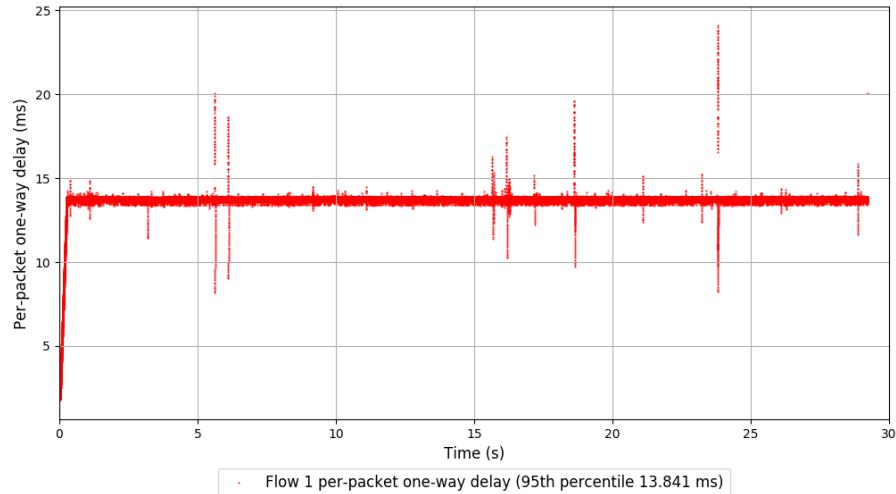
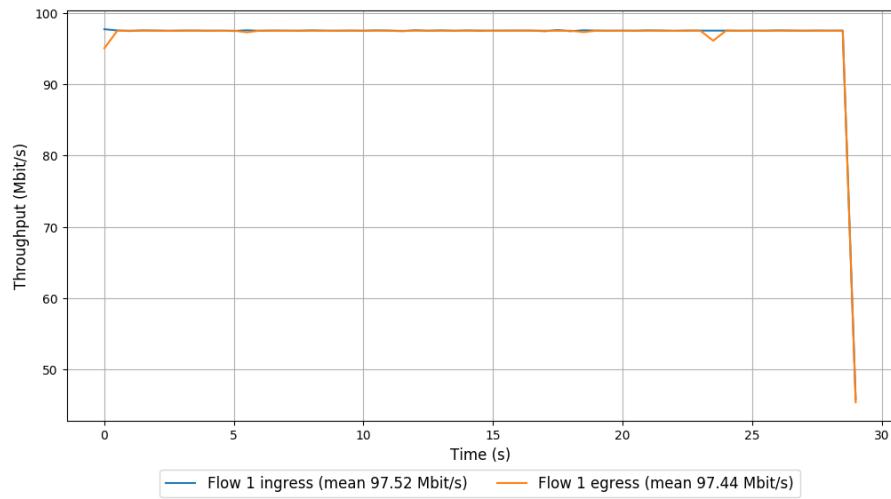
```
-- Flow 1:
```

```
Average throughput: 97.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.841 ms
```

```
Loss rate: 0.09%
```

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

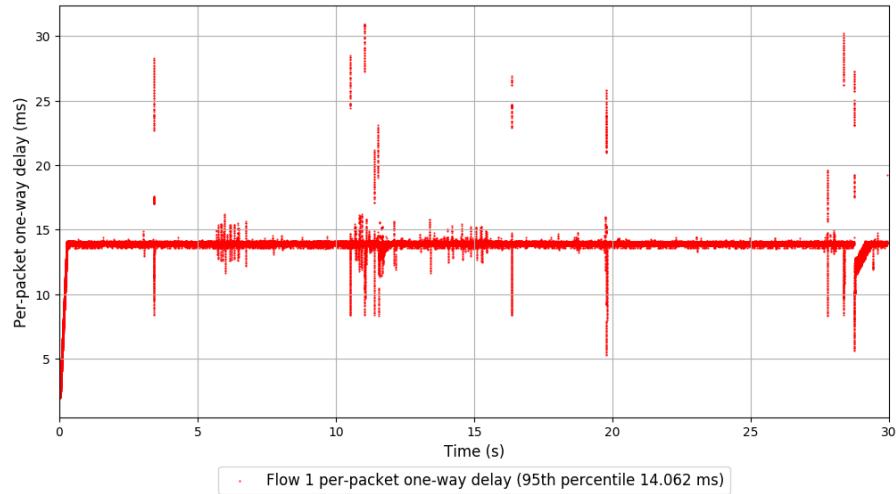
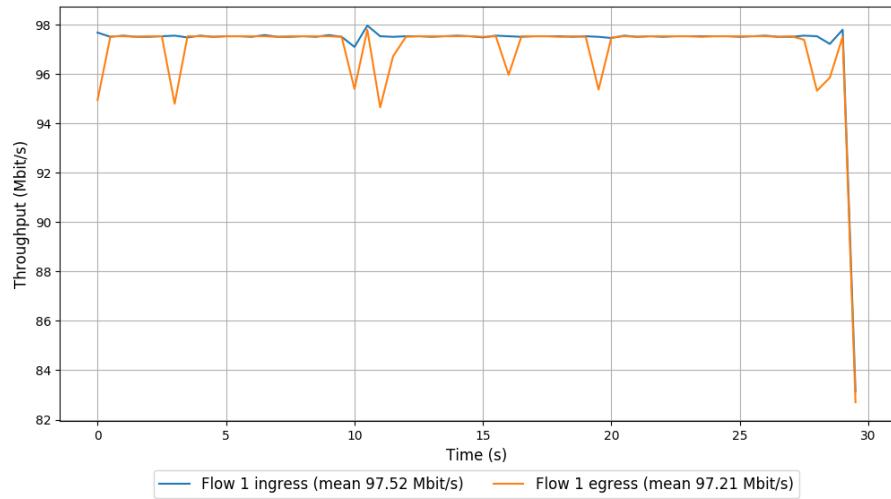


```
Run 2: Statistics of TCP Cubic
```

```
Start at: Wed, 05 Jul 2017 10:25:22 +0000
End at: Wed, 05 Jul 2017 10:25:52 +0000
Local clock offset: 0.139 ms
Remote clock offset: 0.056 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 14.062 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 14.062 ms
Loss rate: 0.33%
```

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



```
Run 3: Statistics of TCP Cubic
```

```
Start at: Wed, 05 Jul 2017 10:42:20 +0000
```

```
End at: Wed, 05 Jul 2017 10:42:50 +0000
```

```
Local clock offset: 0.022 ms
```

```
Remote clock offset: -0.445 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:03 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.585 ms
```

```
Loss rate: 0.18%
```

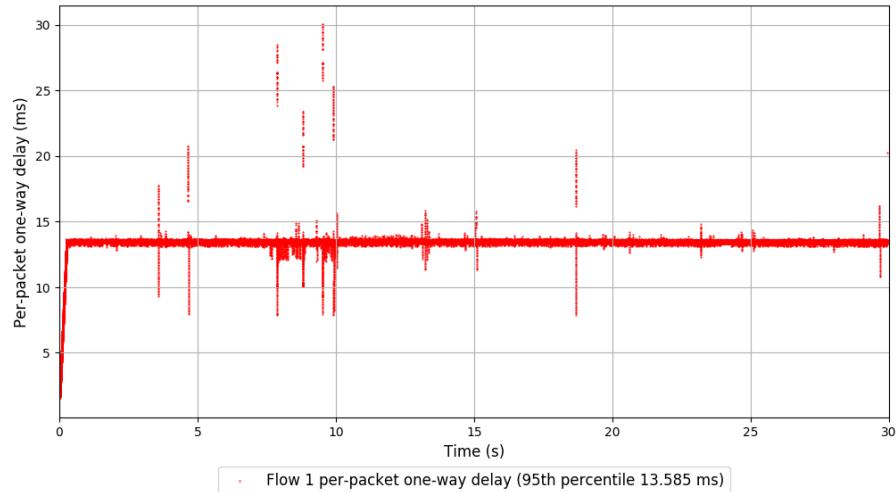
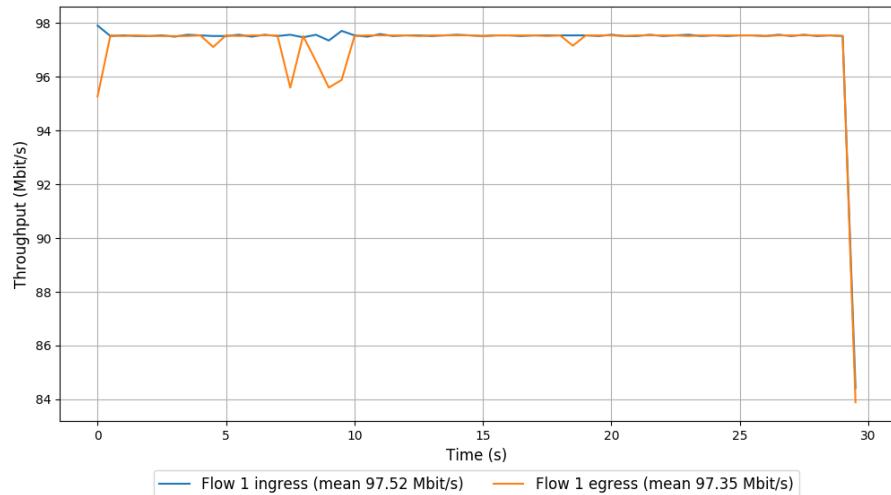
```
-- Flow 1:
```

```
Average throughput: 97.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.585 ms
```

```
Loss rate: 0.18%
```

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

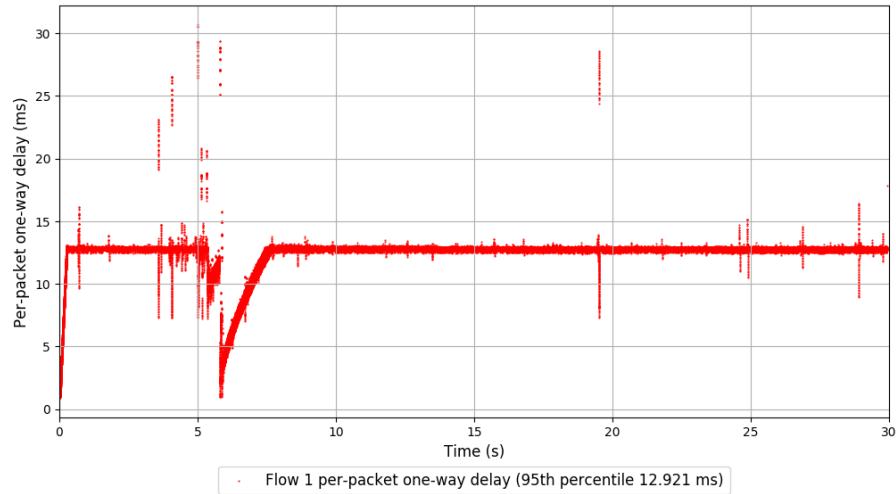
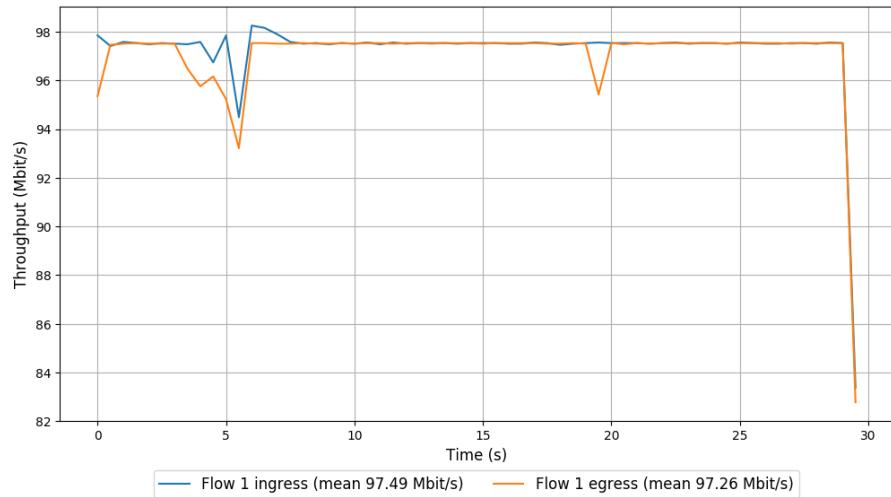


Run 4: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 10:59:25 +0000
End at: Wed, 05 Jul 2017 10:59:55 +0000
Local clock offset: -0.033 ms
Remote clock offset: -1.275 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.26 Mbit/s
95th percentile per-packet one-way delay: 12.921 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 97.26 Mbit/s
95th percentile per-packet one-way delay: 12.921 ms
Loss rate: 0.25%
```

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

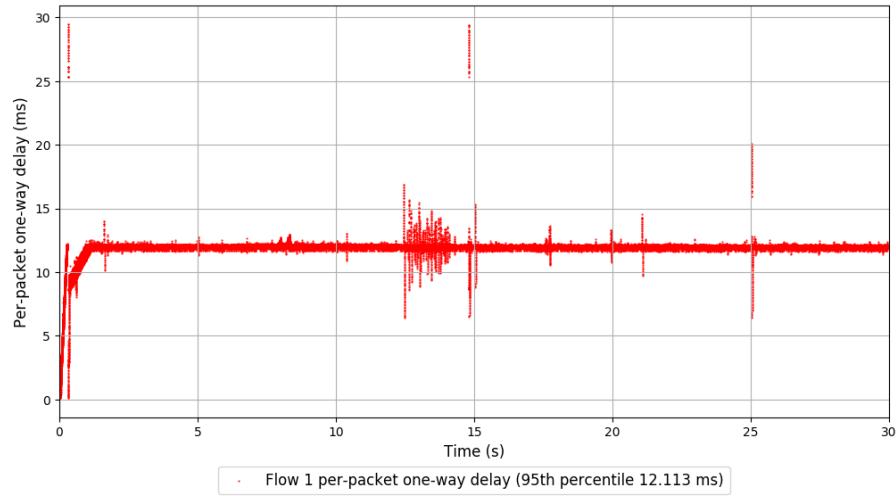
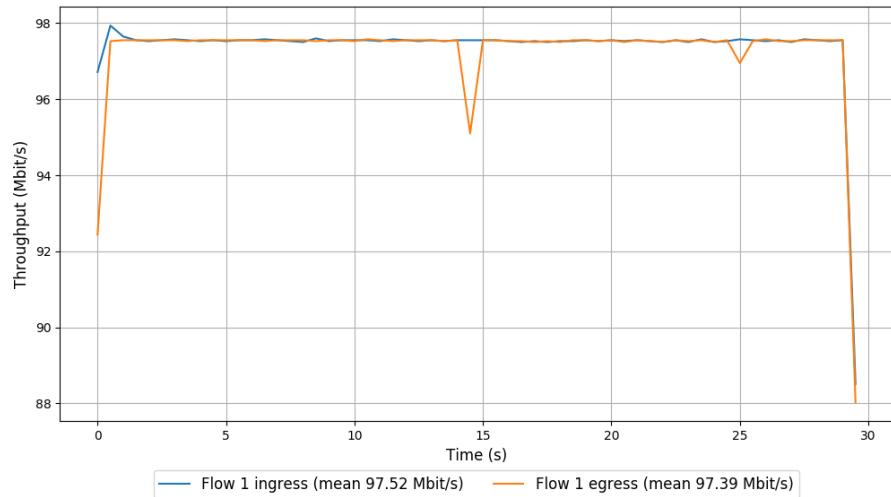


Run 5: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 11:16:25 +0000
End at: Wed, 05 Jul 2017 11:16:55 +0000
Local clock offset: -0.22 ms
Remote clock offset: -2.266 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 12.113 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 12.113 ms
Loss rate: 0.14%
```

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

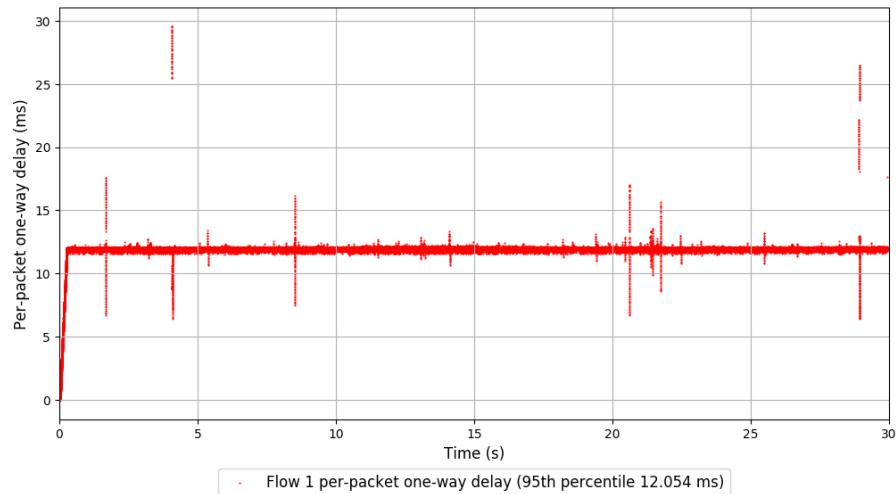
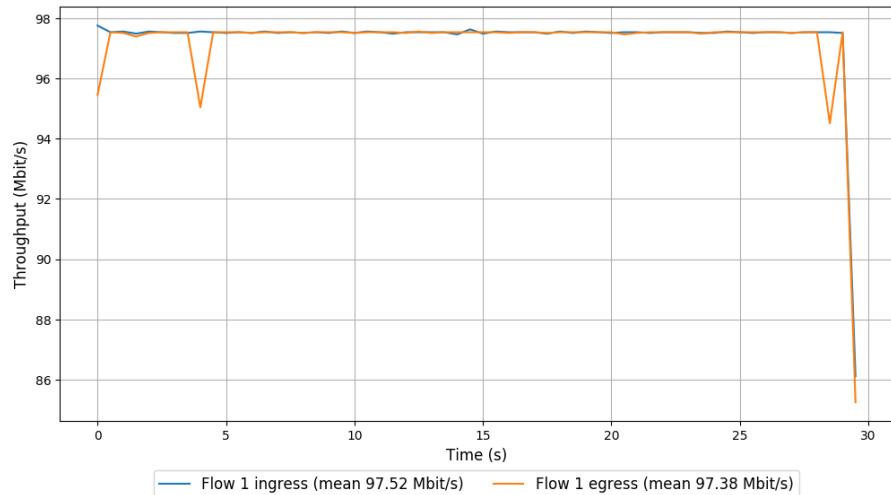


Run 6: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 11:33:21 +0000
End at: Wed, 05 Jul 2017 11:33:51 +0000
Local clock offset: -0.37 ms
Remote clock offset: -2.477 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.054 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.054 ms
Loss rate: 0.15%
```

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



Run 7: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 11:50:18 +0000

End at: Wed, 05 Jul 2017 11:50:48 +0000

Local clock offset: -0.558 ms

Remote clock offset: -1.611 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 13.177 ms

Loss rate: 0.13%

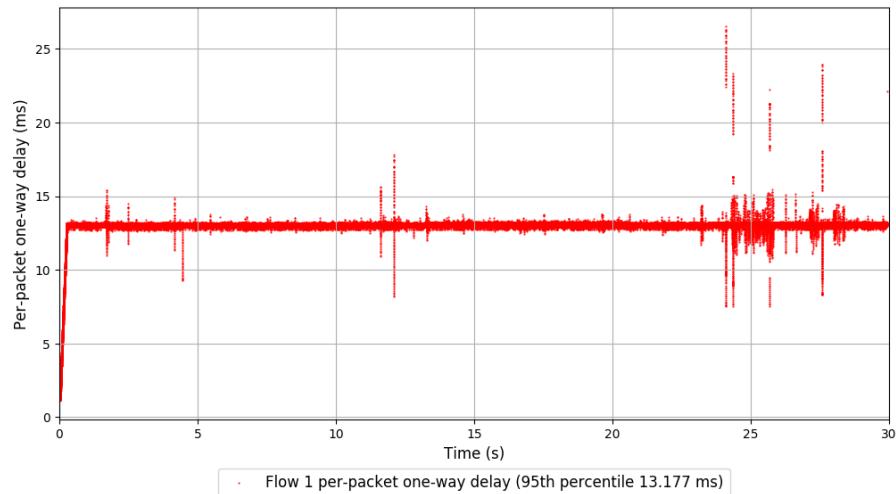
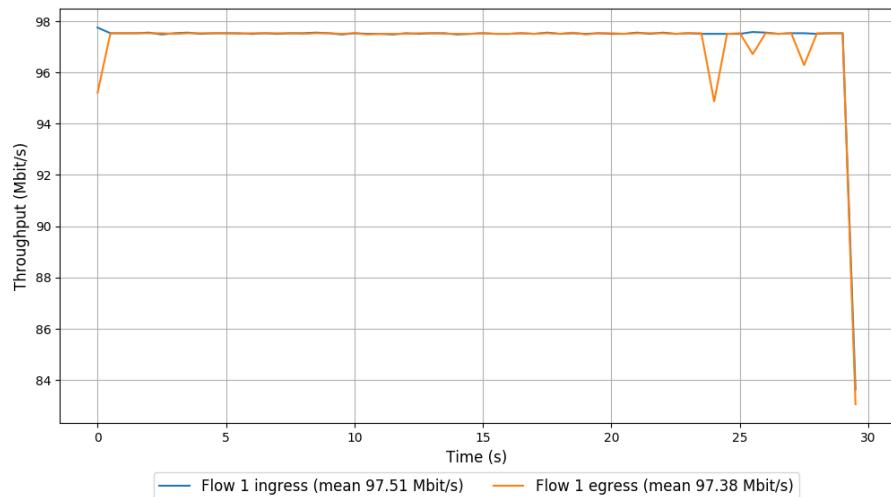
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 13.177 ms

Loss rate: 0.13%

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

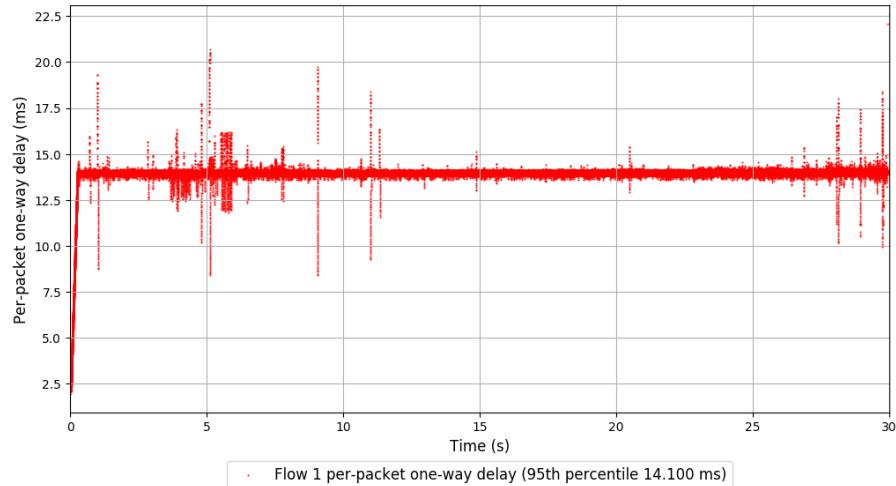
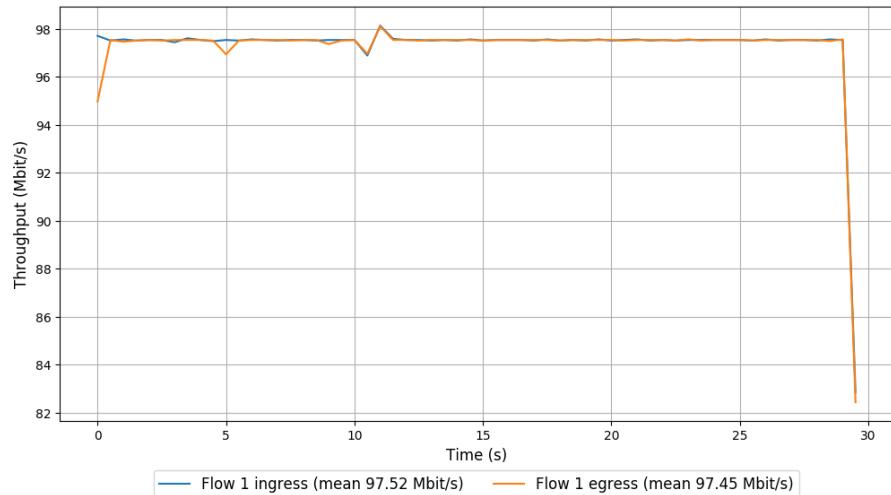


Run 8: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 12:07:09 +0000
End at: Wed, 05 Jul 2017 12:07:39 +0000
Local clock offset: -0.749 ms
Remote clock offset: -0.897 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 0.07%
```

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

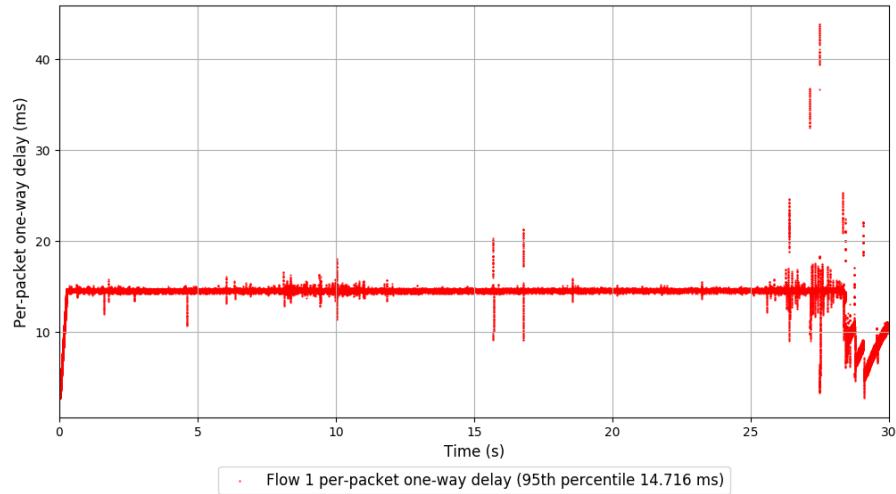
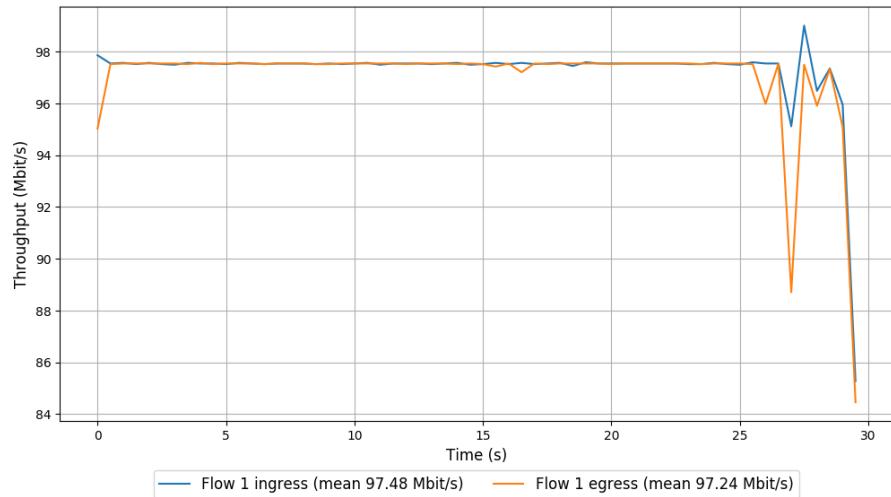


Run 9: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 12:24:06 +0000
End at: Wed, 05 Jul 2017 12:24:36 +0000
Local clock offset: -0.932 ms
Remote clock offset: -0.361 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 14.716 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 14.716 ms
Loss rate: 0.26%
```

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

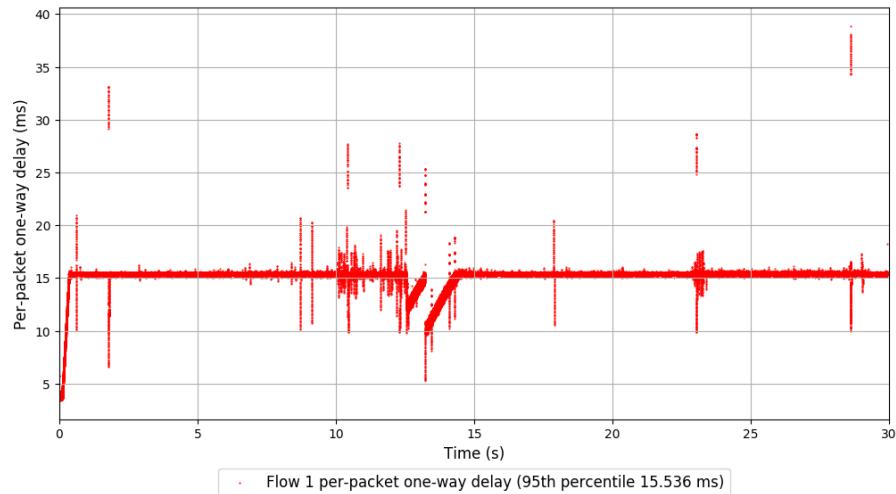
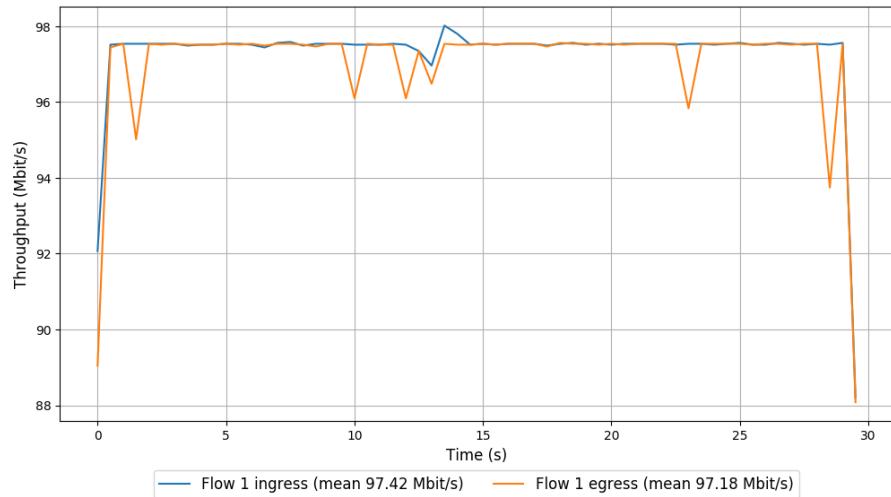


Run 10: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 12:41:09 +0000
End at: Wed, 05 Jul 2017 12:41:39 +0000
Local clock offset: -1.107 ms
Remote clock offset: 0.284 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 15.536 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 15.536 ms
Loss rate: 0.26%
```

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

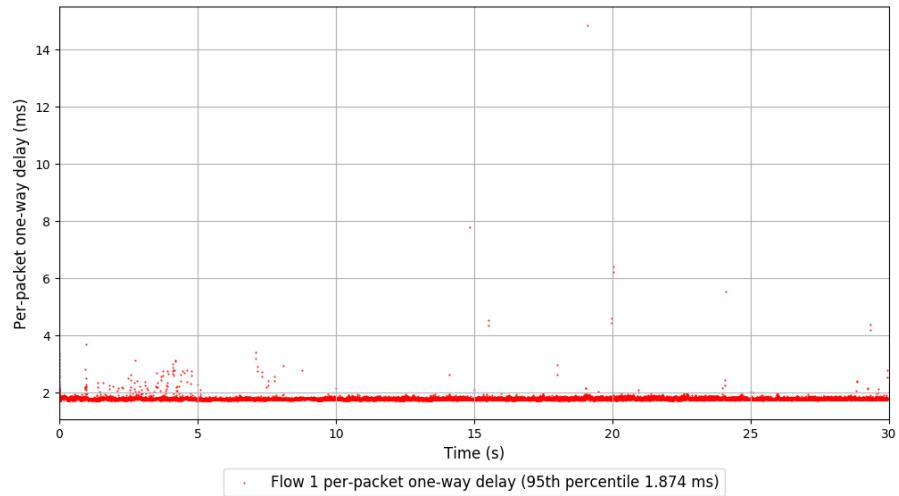
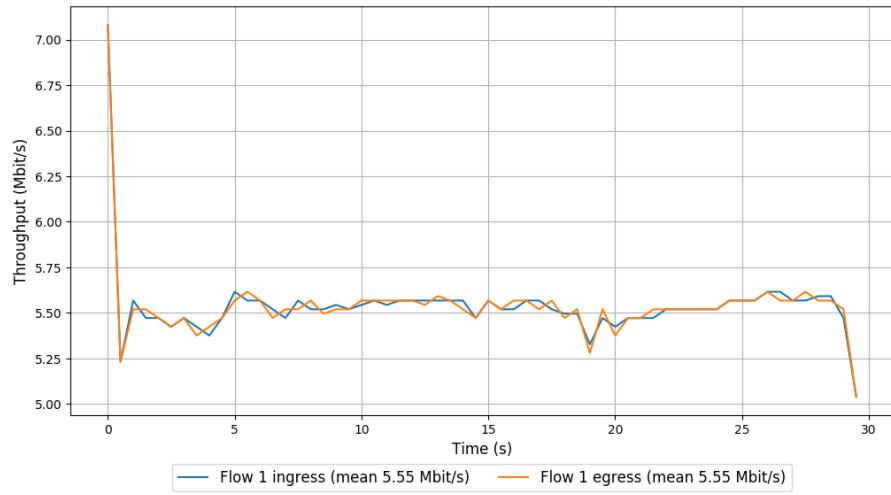


```
Run 1: Statistics of KohoCC
```

```
Start at: Wed, 05 Jul 2017 10:04:58 +0000
End at: Wed, 05 Jul 2017 10:05:29 +0000
Local clock offset: 0.095 ms
Remote clock offset: -0.342 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.55 Mbit/s
95th percentile per-packet one-way delay: 1.874 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.55 Mbit/s
95th percentile per-packet one-way delay: 1.874 ms
Loss rate: 0.00%
```

## Run 1: Report of KohoCC — Data Link

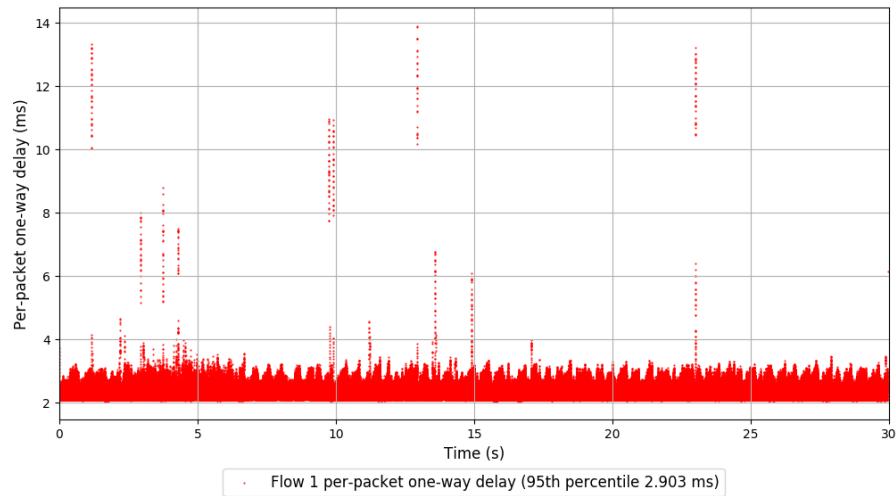
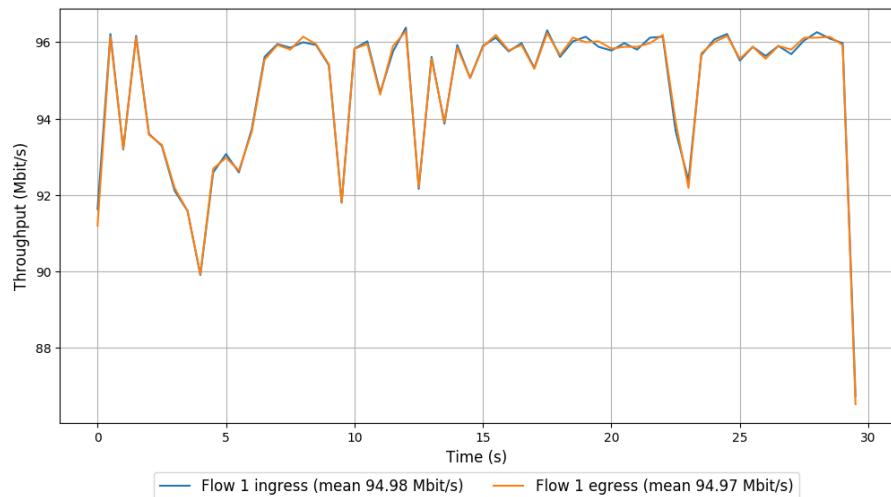


Run 2: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 10:21:57 +0000
End at: Wed, 05 Jul 2017 10:22:27 +0000
Local clock offset: 0.069 ms
Remote clock offset: 0.065 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 2.903 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 2.903 ms
Loss rate: 0.01%
```

## Run 2: Report of KohoCC — Data Link

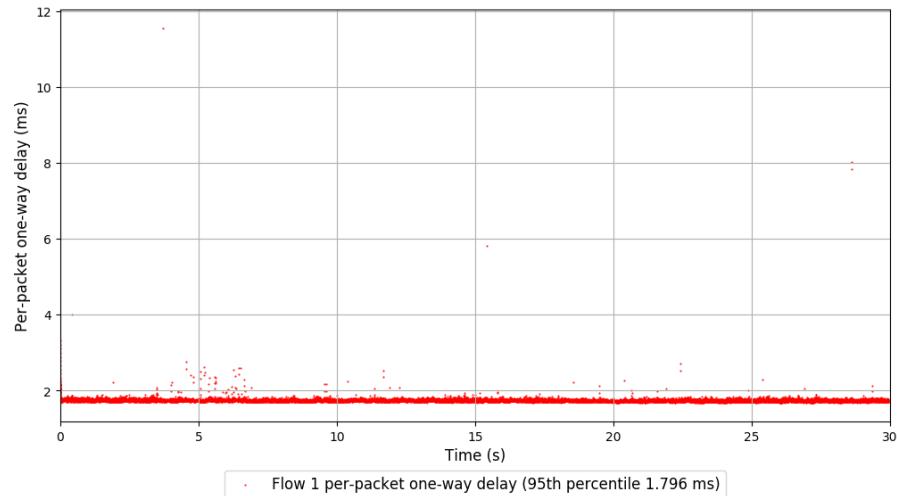
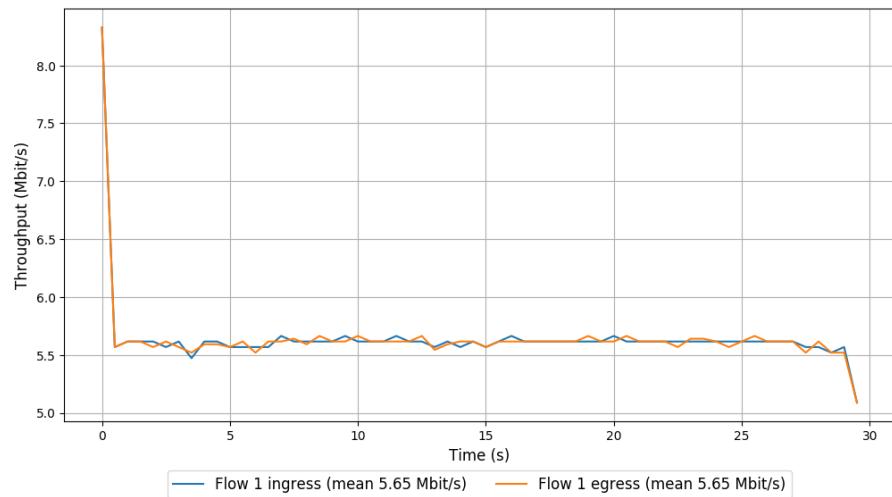


Run 3: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 10:38:56 +0000
End at: Wed, 05 Jul 2017 10:39:26 +0000
Local clock offset: 0.118 ms
Remote clock offset: -0.263 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:45:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 1.796 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 1.796 ms
Loss rate: 0.01%
```

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

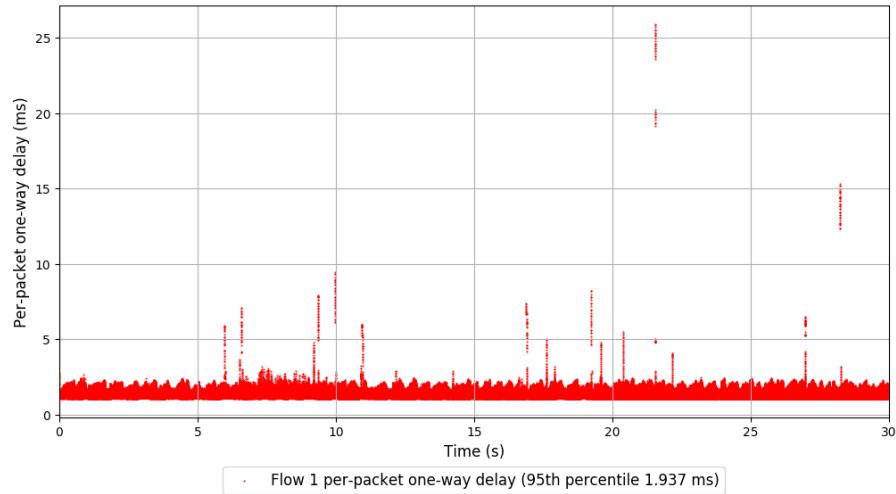
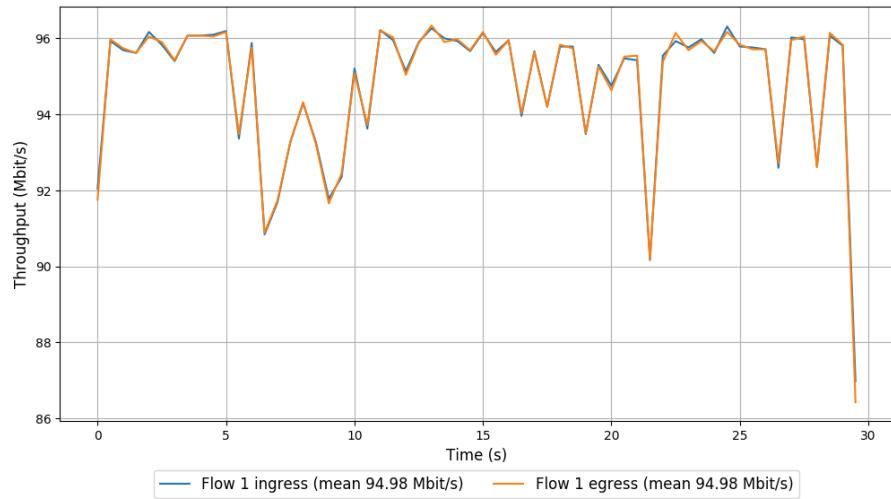


Run 4: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 10:55:53 +0000
End at: Wed, 05 Jul 2017 10:56:23 +0000
Local clock offset: 0.025 ms
Remote clock offset: -1.009 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 1.937 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 1.937 ms
Loss rate: 0.01%
```

## Run 4: Report of KohoCC — Data Link

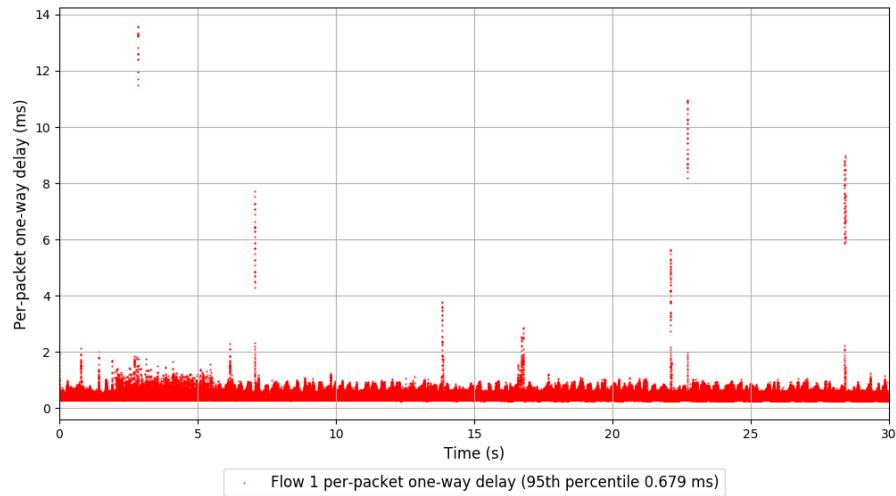
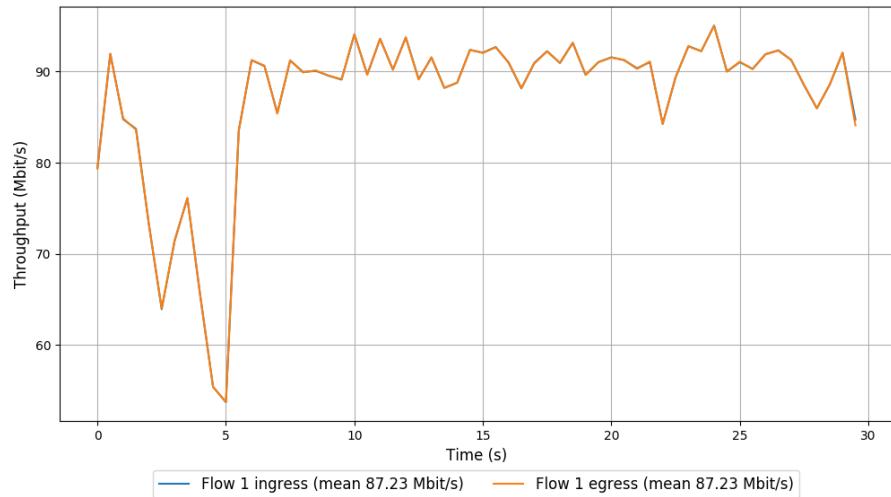


Run 5: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 11:12:58 +0000
End at: Wed, 05 Jul 2017 11:13:28 +0000
Local clock offset: -0.254 ms
Remote clock offset: -2.064 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 0.679 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 0.679 ms
Loss rate: 0.01%
```

## Run 5: Report of KohoCC — Data Link

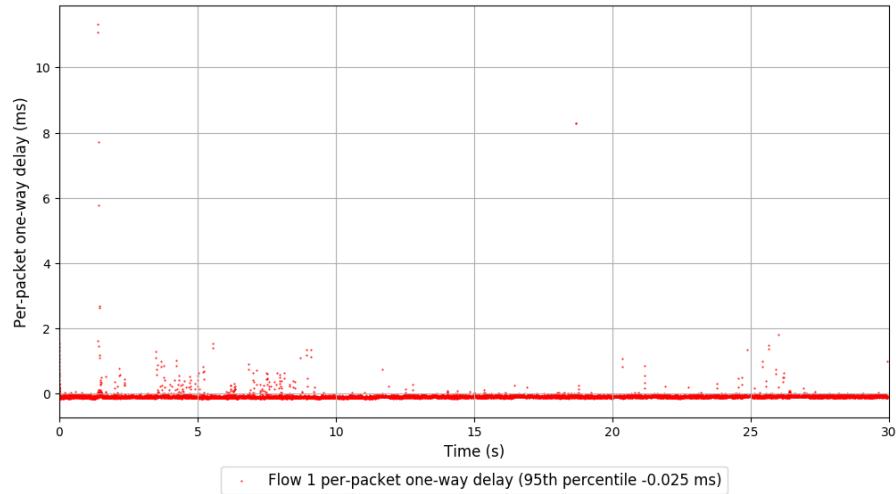
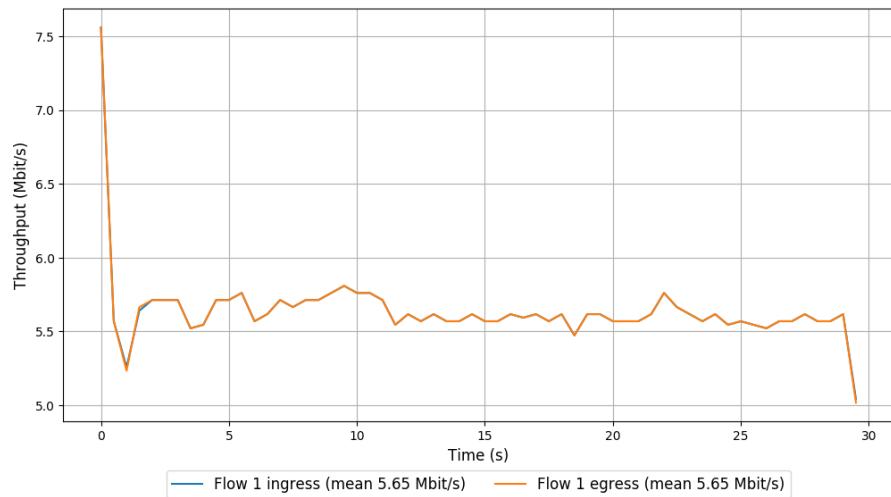


Run 6: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 11:29:58 +0000
End at: Wed, 05 Jul 2017 11:30:28 +0000
Local clock offset: -0.401 ms
Remote clock offset: -2.589 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: -0.025 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: -0.025 ms
Loss rate: 0.01%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 11:46:55 +0000

End at: Wed, 05 Jul 2017 11:47:25 +0000

Local clock offset: -0.561 ms

Remote clock offset: -1.773 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.70 Mbit/s

95th percentile per-packet one-way delay: 1.056 ms

Loss rate: 0.01%

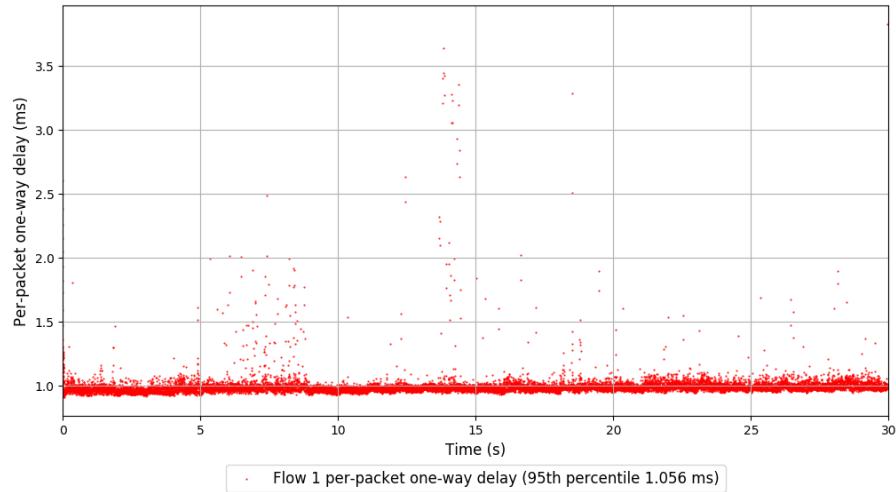
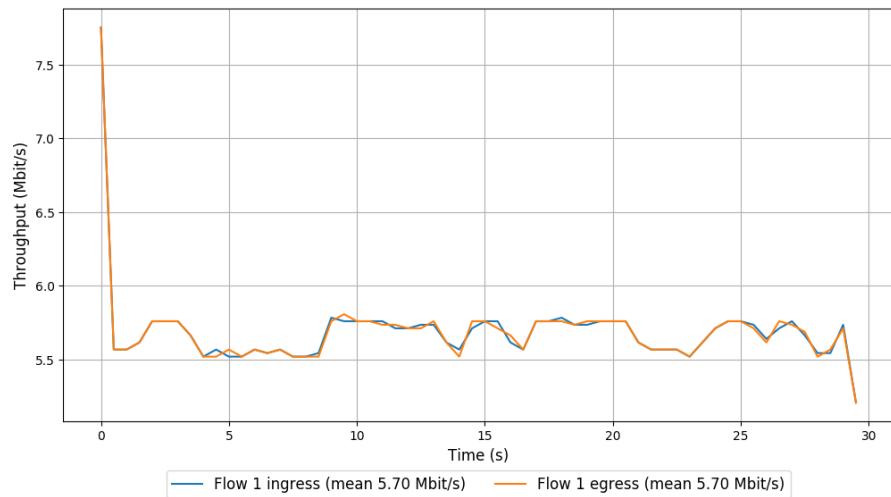
-- Flow 1:

Average throughput: 5.70 Mbit/s

95th percentile per-packet one-way delay: 1.056 ms

Loss rate: 0.01%

## Run 7: Report of KohoCC — Data Link

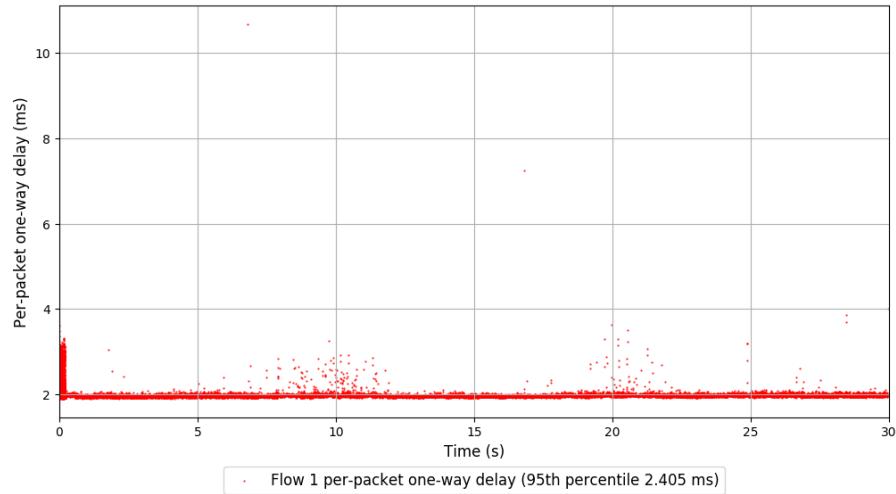
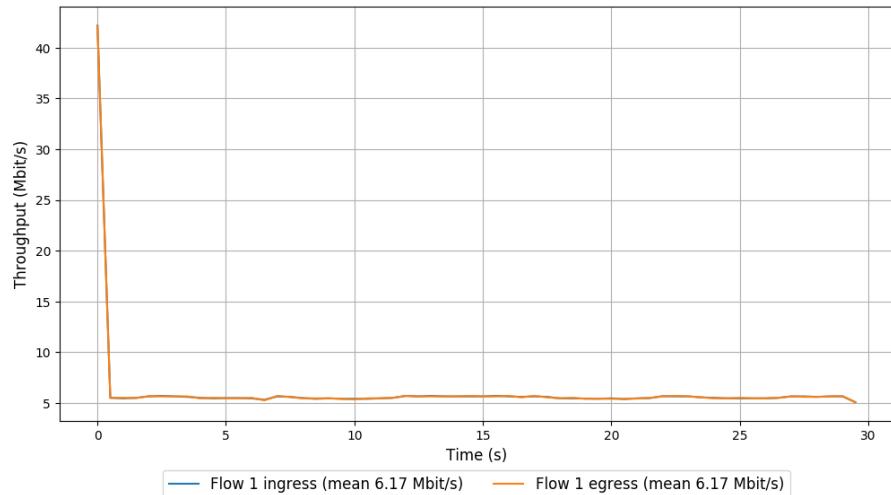


Run 8: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 12:03:52 +0000
End at: Wed, 05 Jul 2017 12:04:22 +0000
Local clock offset: -0.798 ms
Remote clock offset: -0.919 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 2.405 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 2.405 ms
Loss rate: 0.01%
```

## Run 8: Report of KohoCC — Data Link

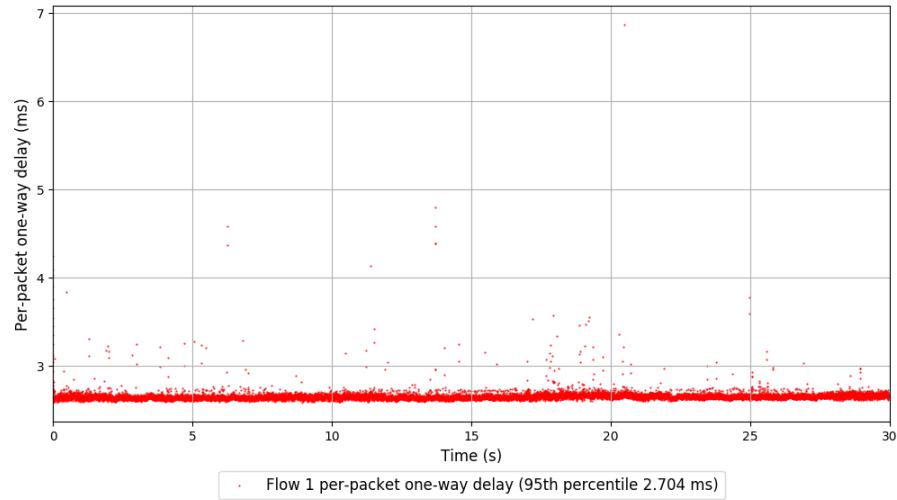
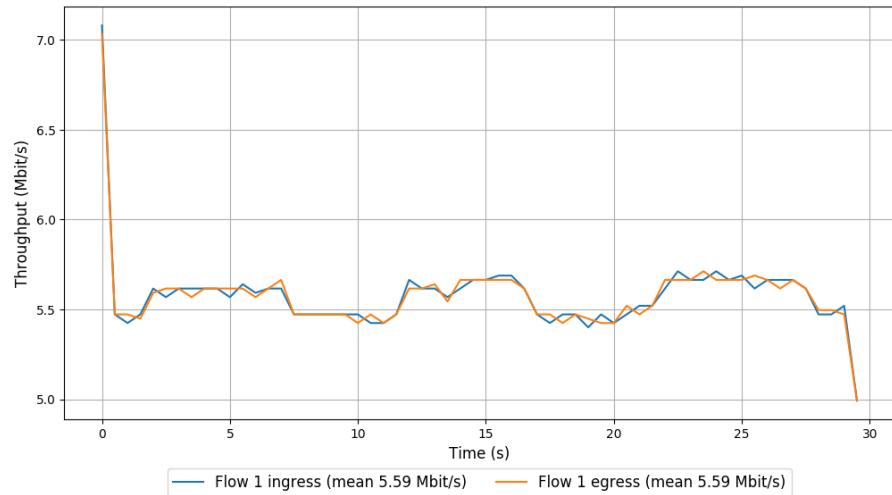


Run 9: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 12:20:42 +0000
End at: Wed, 05 Jul 2017 12:21:12 +0000
Local clock offset: -0.947 ms
Remote clock offset: -0.487 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.59 Mbit/s
95th percentile per-packet one-way delay: 2.704 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.59 Mbit/s
95th percentile per-packet one-way delay: 2.704 ms
Loss rate: 0.01%
```

## Run 9: Report of KohoCC — Data Link

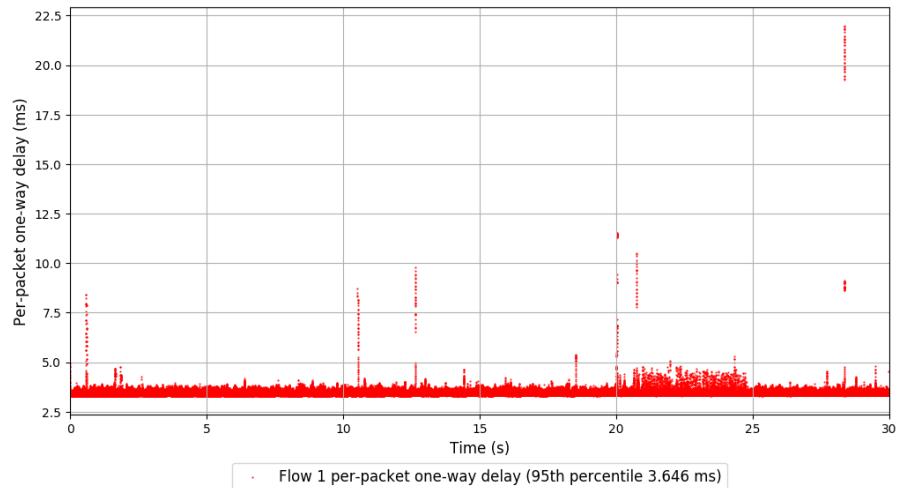
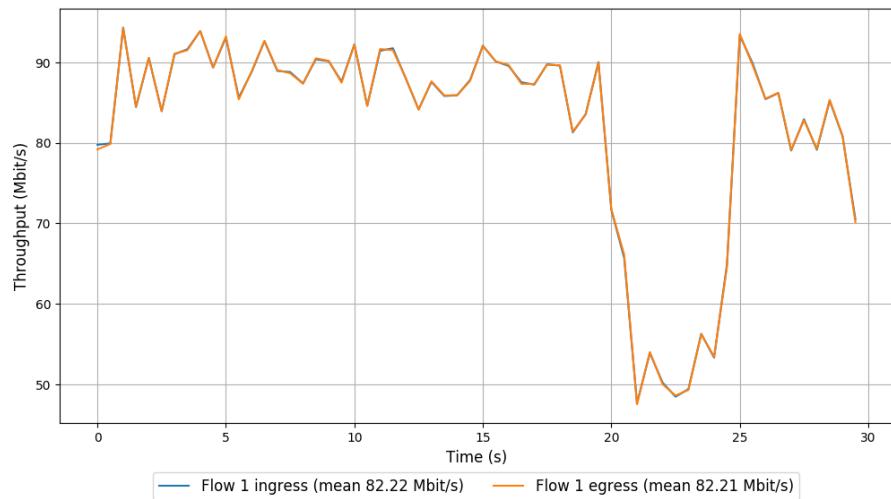


Run 10: Statistics of KohoCC

```
Start at: Wed, 05 Jul 2017 12:37:39 +0000
End at: Wed, 05 Jul 2017 12:38:09 +0000
Local clock offset: -1.059 ms
Remote clock offset: 0.076 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.21 Mbit/s
95th percentile per-packet one-way delay: 3.646 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.21 Mbit/s
95th percentile per-packet one-way delay: 3.646 ms
Loss rate: 0.02%
```

## Run 10: Report of KohoCC — Data Link

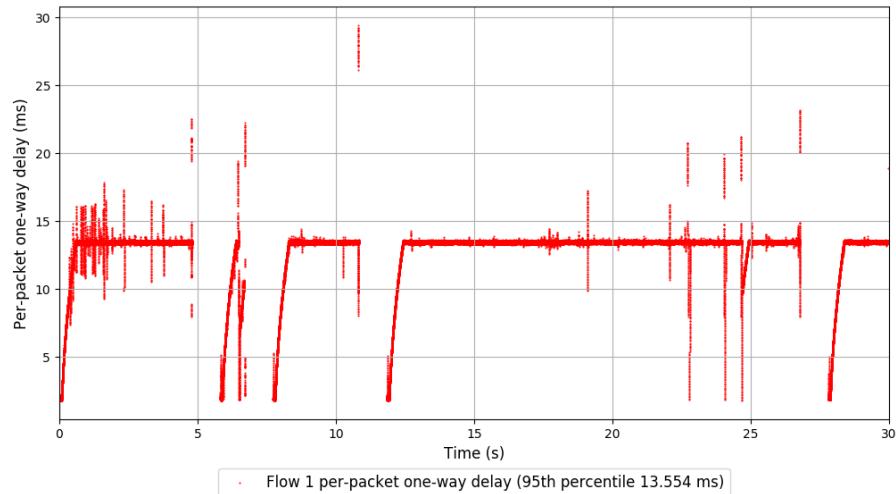
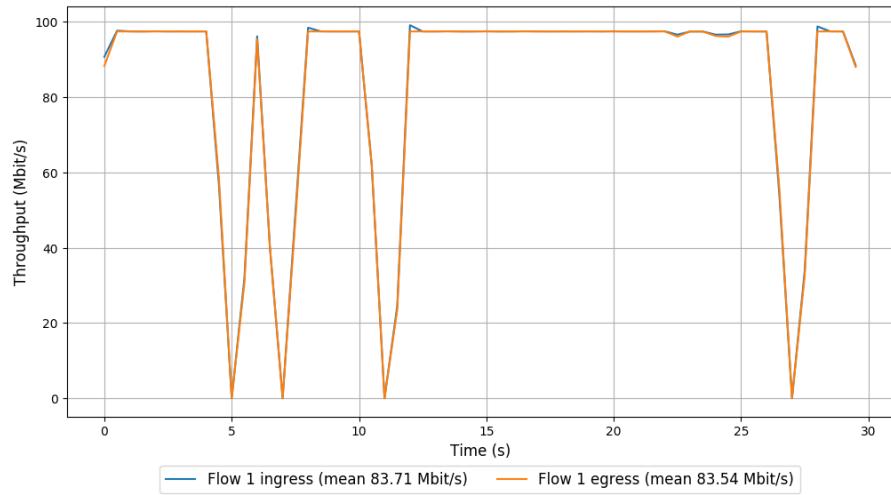


```
Run 1: Statistics of LEDBAT
```

```
Start at: Wed, 05 Jul 2017 10:07:14 +0000
End at: Wed, 05 Jul 2017 10:07:44 +0000
Local clock offset: 0.121 ms
Remote clock offset: -0.203 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 13.554 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 83.54 Mbit/s
95th percentile per-packet one-way delay: 13.554 ms
Loss rate: 0.21%
```

## Run 1: Report of LEDBAT — Data Link

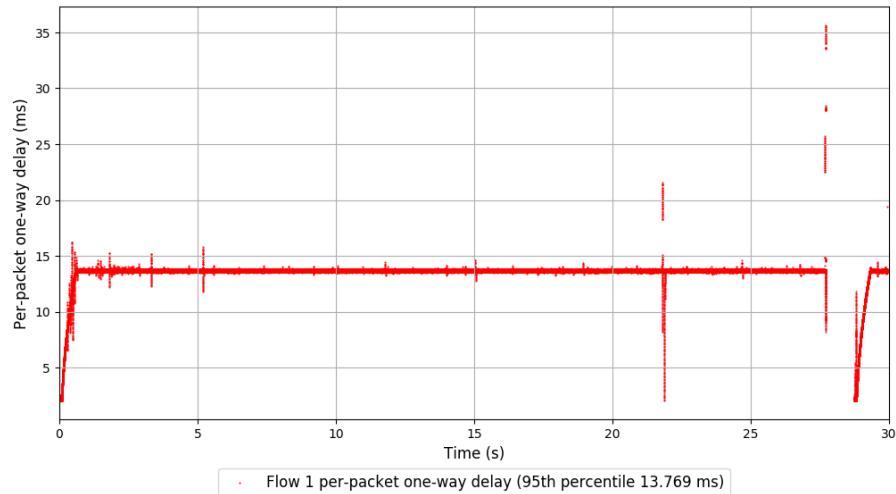
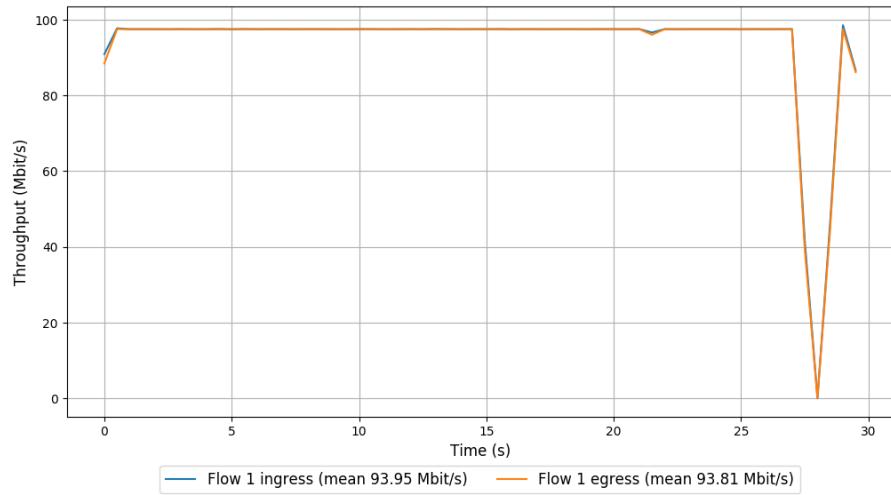


Run 2: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 10:24:11 +0000
End at: Wed, 05 Jul 2017 10:24:41 +0000
Local clock offset: 0.094 ms
Remote clock offset: 0.096 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 13.769 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 13.769 ms
Loss rate: 0.15%
```

## Run 2: Report of LEDBAT — Data Link

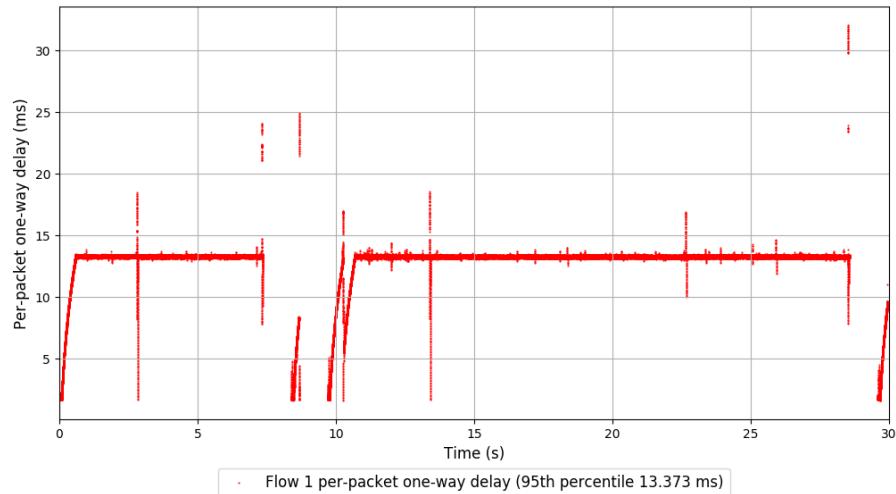
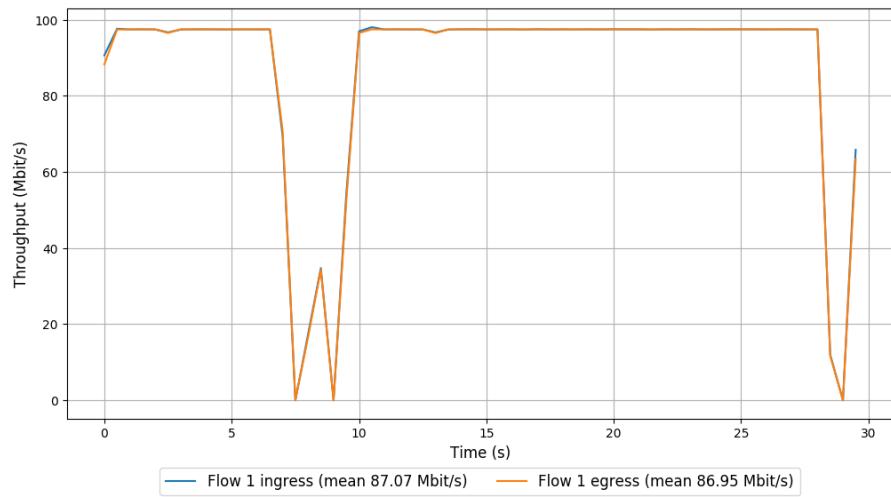


Run 3: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 10:41:10 +0000
End at: Wed, 05 Jul 2017 10:41:40 +0000
Local clock offset: 0.11 ms
Remote clock offset: -0.364 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.95 Mbit/s
95th percentile per-packet one-way delay: 13.373 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 86.95 Mbit/s
95th percentile per-packet one-way delay: 13.373 ms
Loss rate: 0.15%
```

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

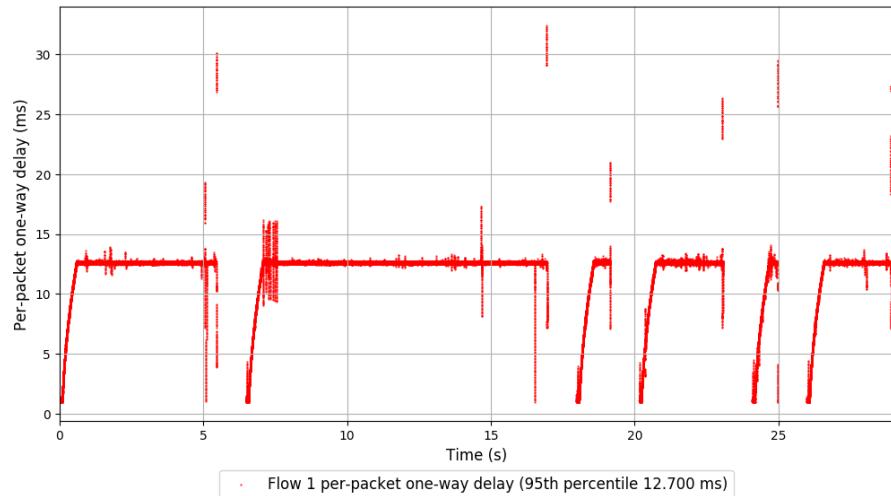
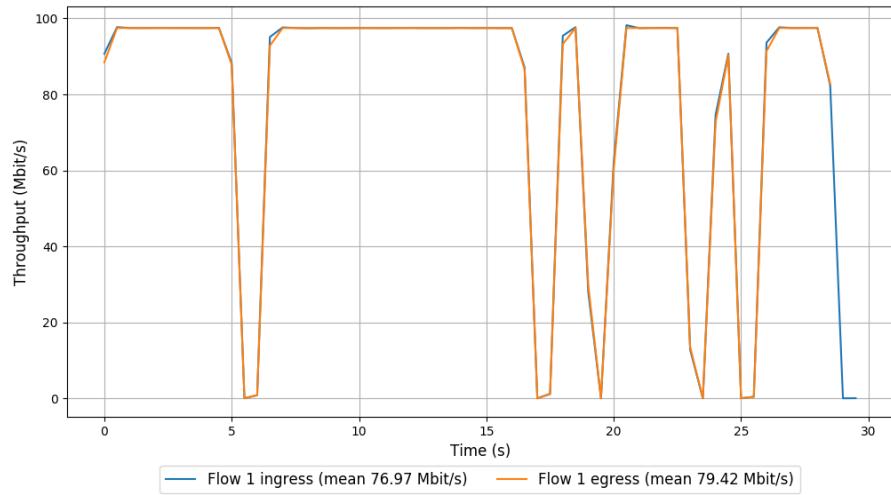


Run 4: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 10:58:15 +0000
End at: Wed, 05 Jul 2017 10:58:45 +0000
Local clock offset: -0.028 ms
Remote clock offset: -1.126 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 12.700 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 12.700 ms
Loss rate: 0.28%
```

## Run 4: Report of LEDBAT — Data Link

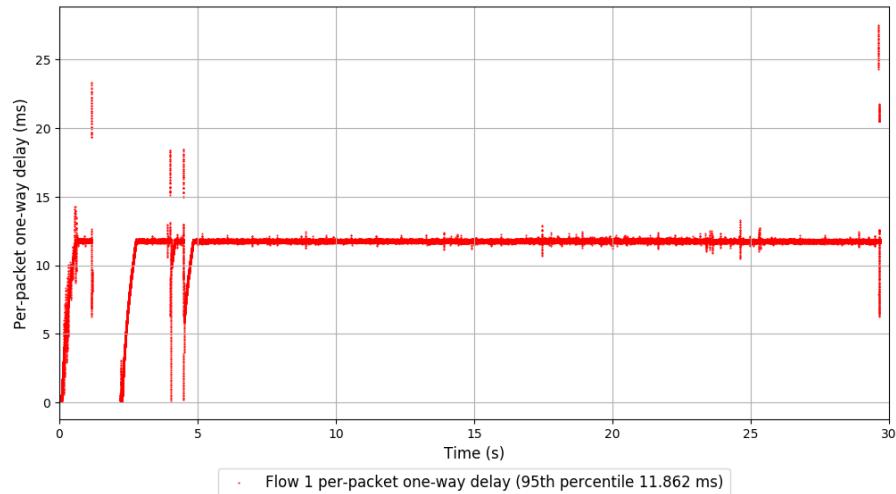
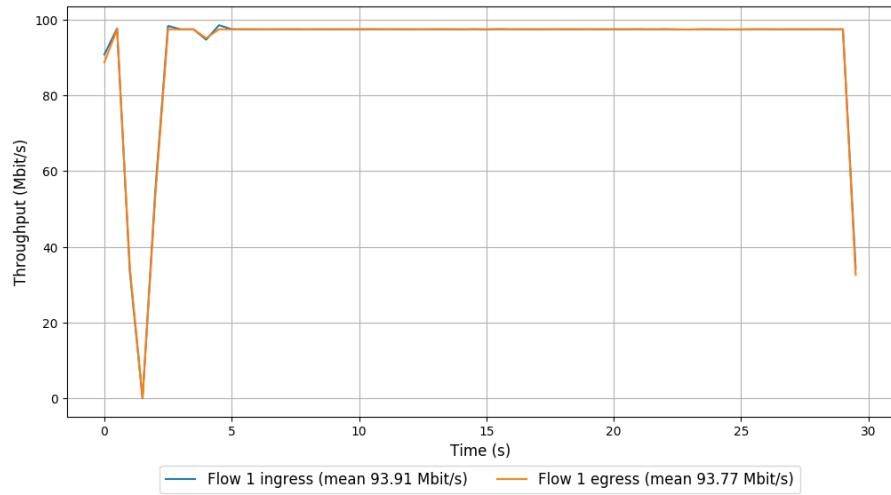


Run 5: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 11:15:15 +0000
End at: Wed, 05 Jul 2017 11:15:45 +0000
Local clock offset: -0.337 ms
Remote clock offset: -2.207 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:46:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 11.862 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 11.862 ms
Loss rate: 0.11%
```

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

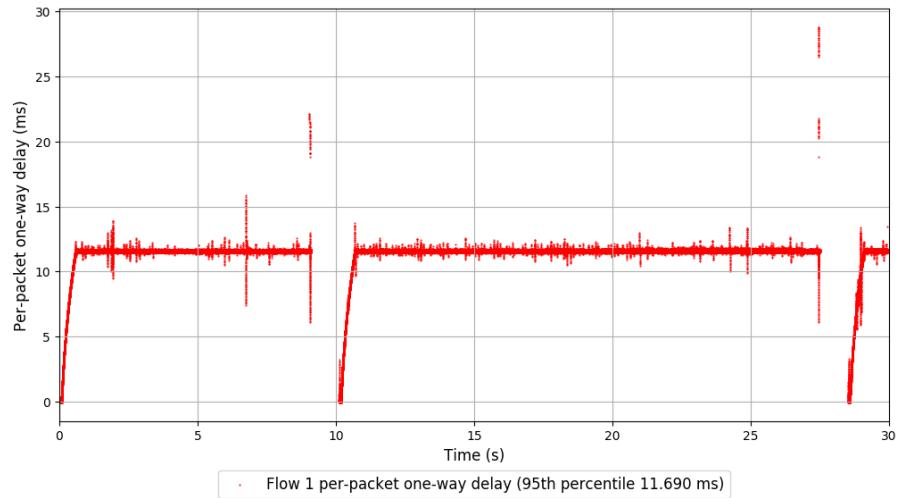
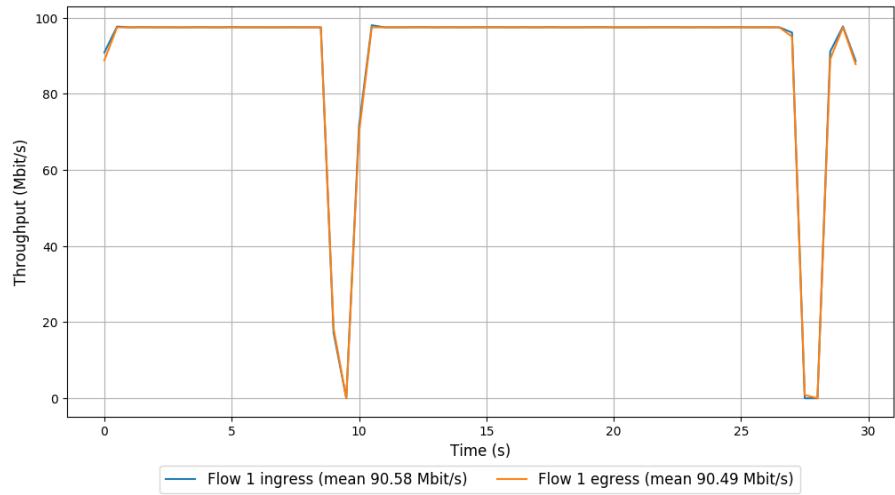


Run 6: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 11:32:11 +0000
End at: Wed, 05 Jul 2017 11:32:41 +0000
Local clock offset: -0.42 ms
Remote clock offset: -2.519 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 11.690 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 11.690 ms
Loss rate: 0.12%
```

## Run 6: Report of LEDBAT — Data Link

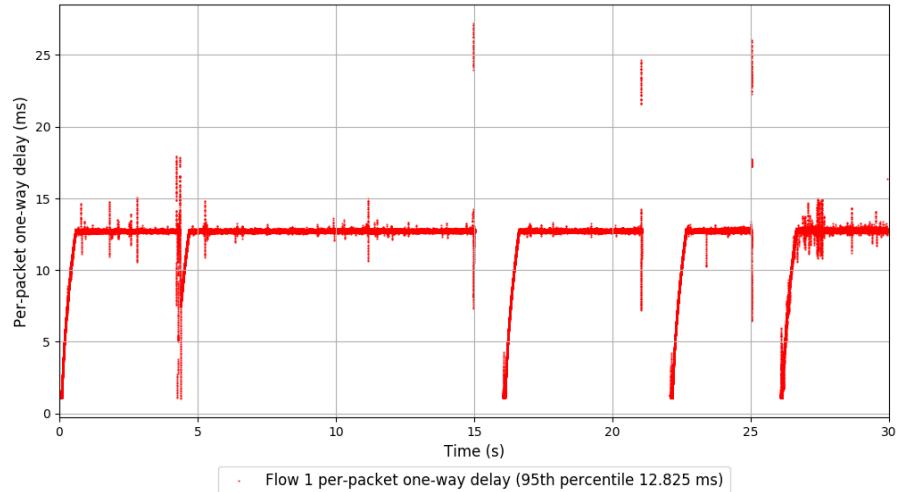
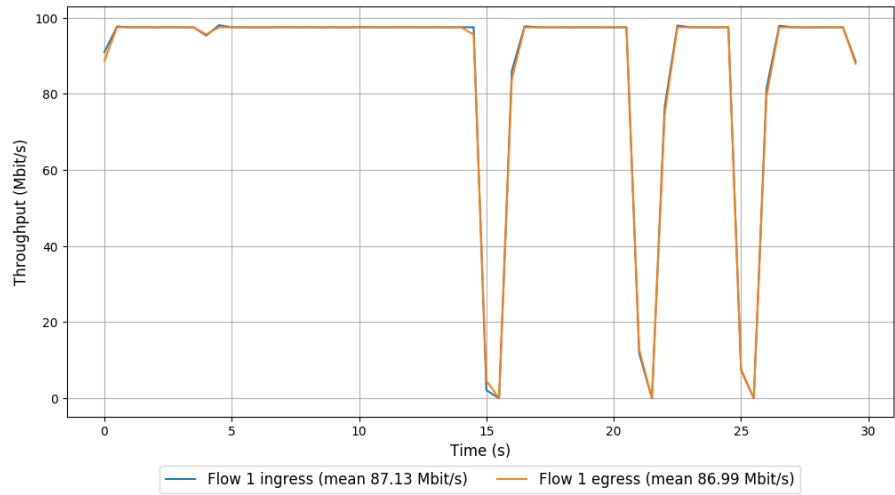


Run 7: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 11:49:08 +0000
End at: Wed, 05 Jul 2017 11:49:38 +0000
Local clock offset: -0.618 ms
Remote clock offset: -1.631 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.99 Mbit/s
95th percentile per-packet one-way delay: 12.825 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 86.99 Mbit/s
95th percentile per-packet one-way delay: 12.825 ms
Loss rate: 0.18%
```

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

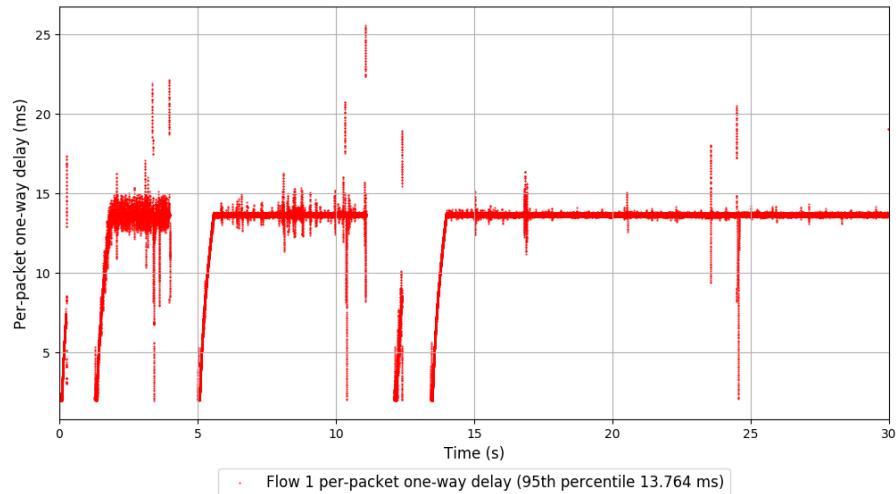
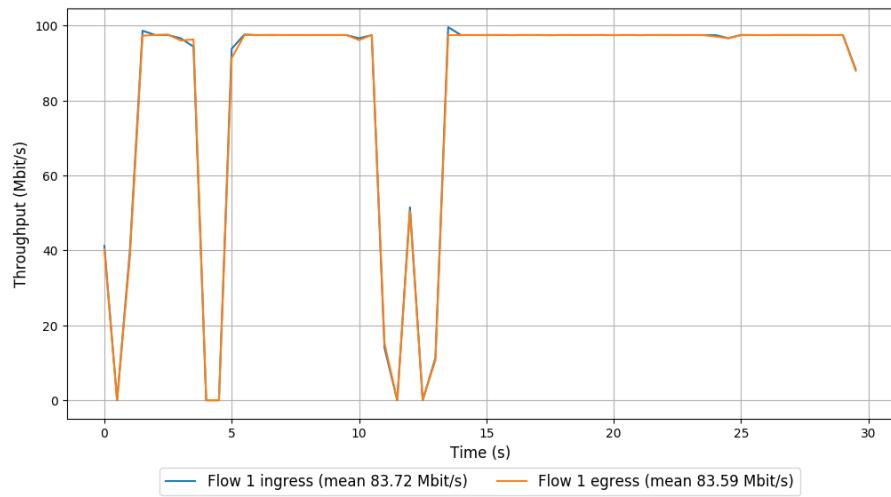


Run 8: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 12:05:59 +0000
End at: Wed, 05 Jul 2017 12:06:29 +0000
Local clock offset: -0.802 ms
Remote clock offset: -0.87 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 13.764 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 13.764 ms
Loss rate: 0.17%
```

## Run 8: Report of LEDBAT — Data Link

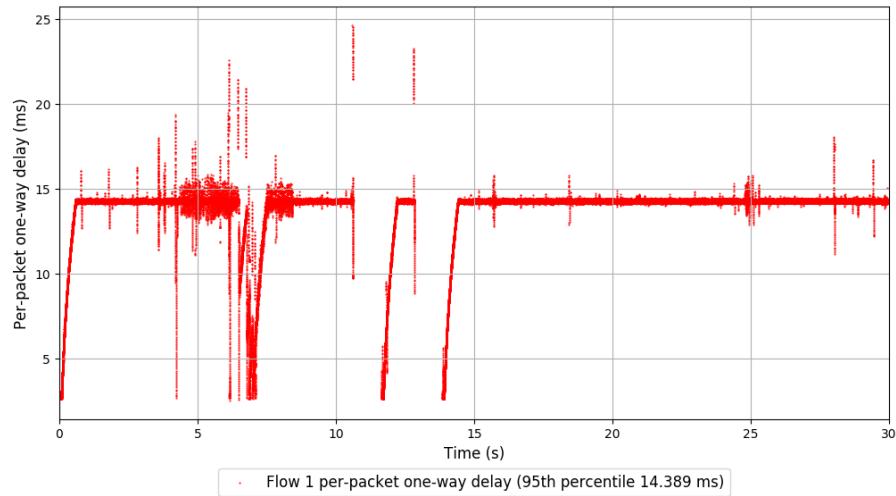
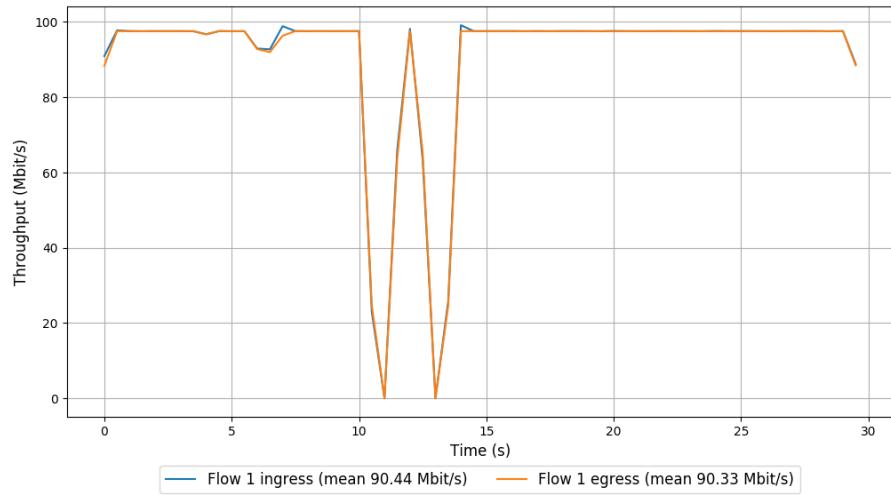


Run 9: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 12:22:56 +0000
End at: Wed, 05 Jul 2017 12:23:26 +0000
Local clock offset: -0.987 ms
Remote clock offset: -0.457 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 14.389 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 14.389 ms
Loss rate: 0.16%
```

Run 9: Report of LEDBAT — Data Link

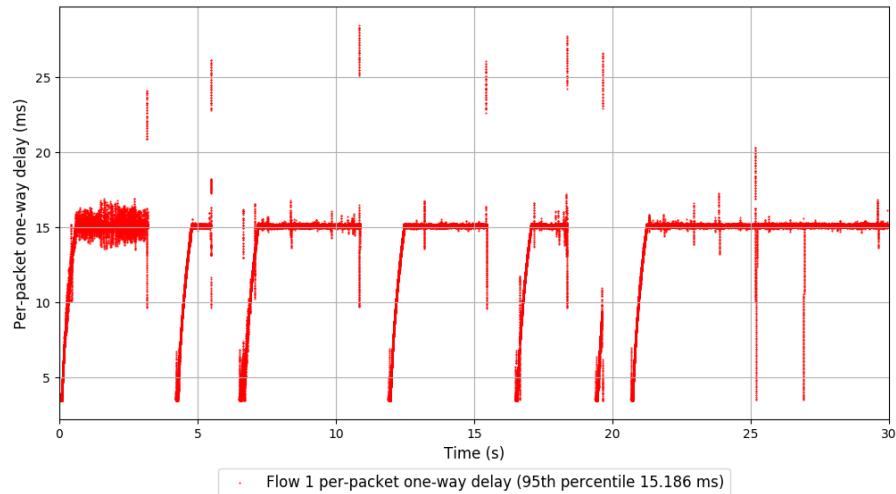
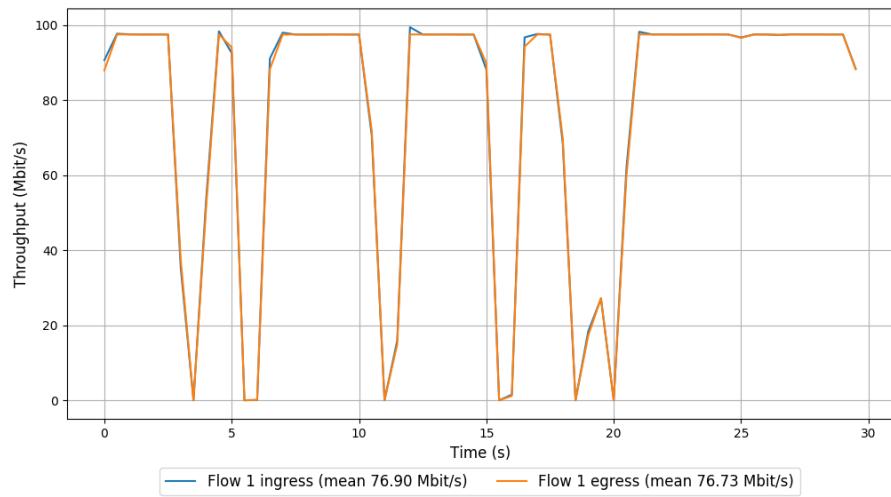


Run 10: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 12:40:00 +0000
End at: Wed, 05 Jul 2017 12:40:30 +0000
Local clock offset: -1.063 ms
Remote clock offset: 0.254 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.73 Mbit/s
95th percentile per-packet one-way delay: 15.186 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 76.73 Mbit/s
95th percentile per-packet one-way delay: 15.186 ms
Loss rate: 0.25%
```

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

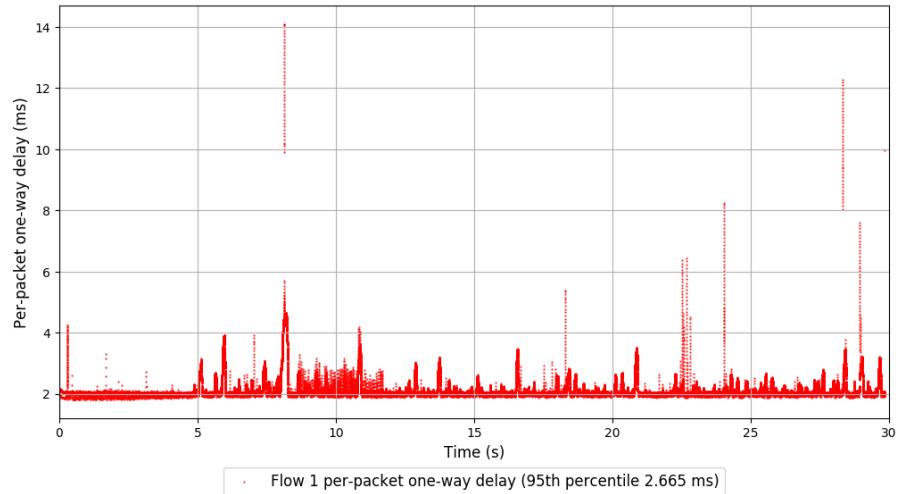
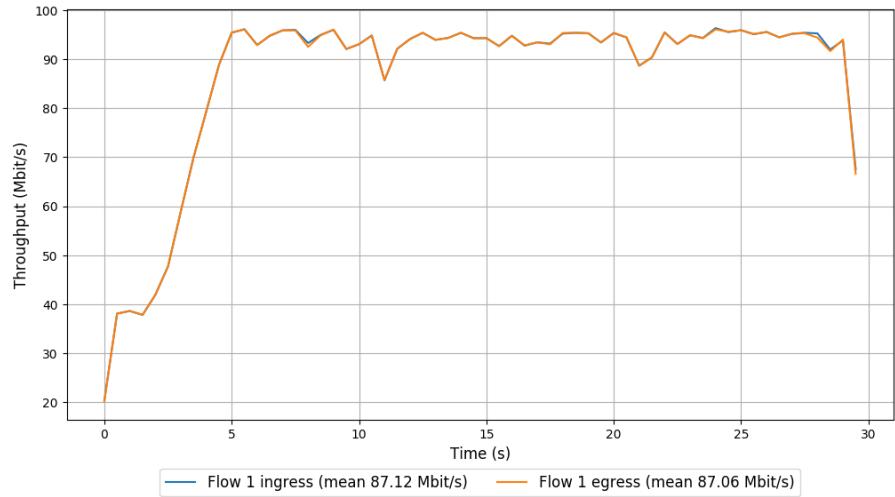


Run 1: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 10:12:51 +0000
End at: Wed, 05 Jul 2017 10:13:21 +0000
Local clock offset: 0.121 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 2.665 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 2.665 ms
Loss rate: 0.07%
```

### Run 1: Report of PCC — Data Link

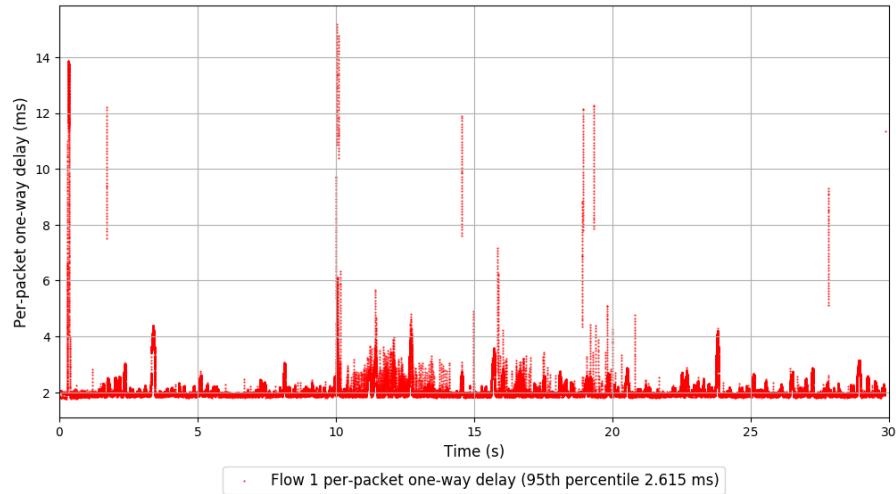
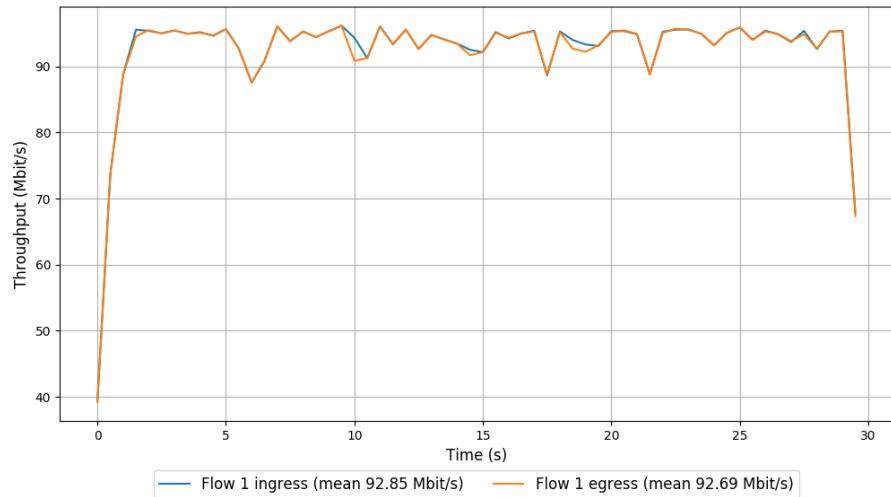


Run 2: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 10:29:49 +0000
End at: Wed, 05 Jul 2017 10:30:19 +0000
Local clock offset: 0.161 ms
Remote clock offset: 0.032 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 2.615 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 2.615 ms
Loss rate: 0.16%
```

## Run 2: Report of PCC — Data Link

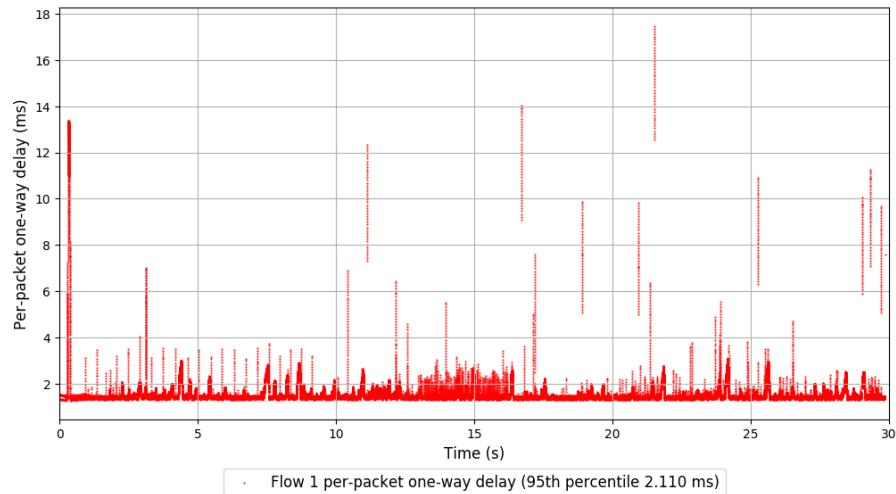
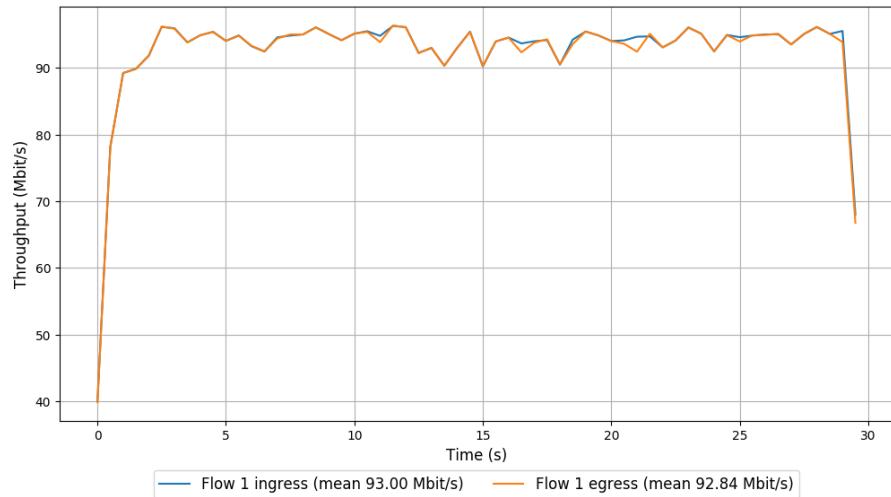


Run 3: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 10:46:47 +0000
End at: Wed, 05 Jul 2017 10:47:17 +0000
Local clock offset: 0.007 ms
Remote clock offset: -0.599 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 2.110 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 2.110 ms
Loss rate: 0.17%
```

### Run 3: Report of PCC — Data Link

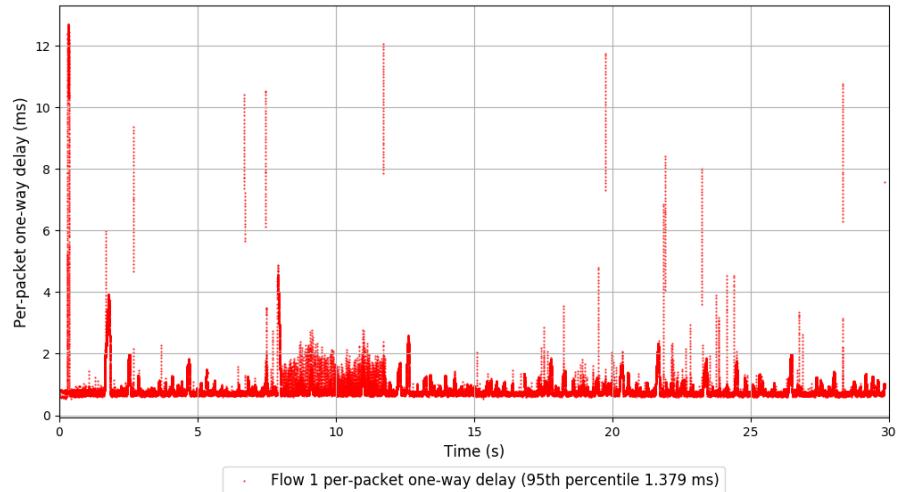
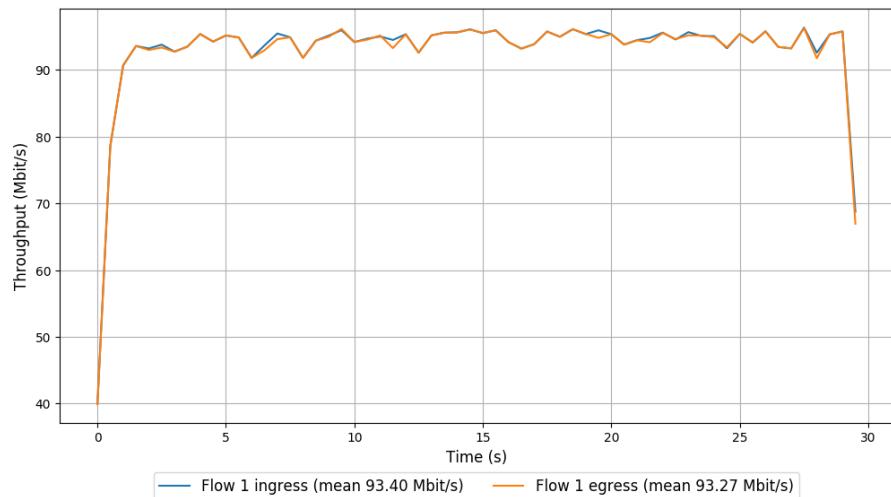


Run 4: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 11:03:52 +0000
End at: Wed, 05 Jul 2017 11:04:22 +0000
Local clock offset: -0.129 ms
Remote clock offset: -1.607 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 1.379 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 1.379 ms
Loss rate: 0.15%
```

## Run 4: Report of PCC — Data Link

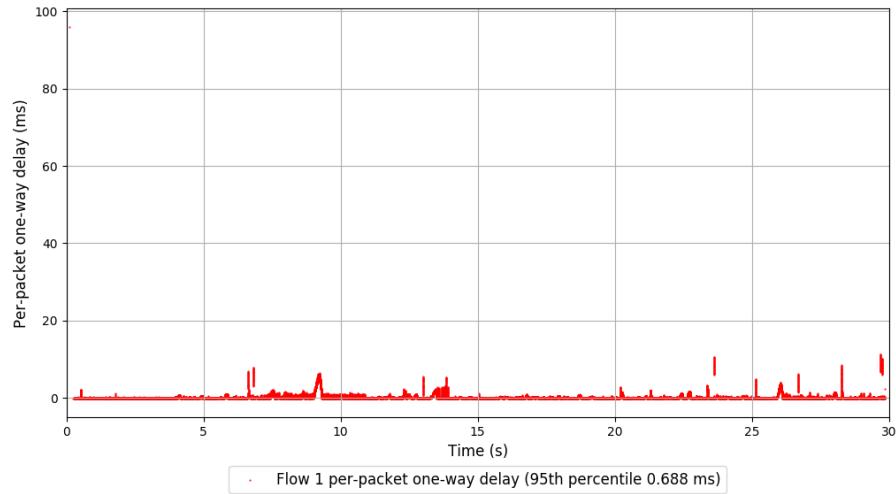
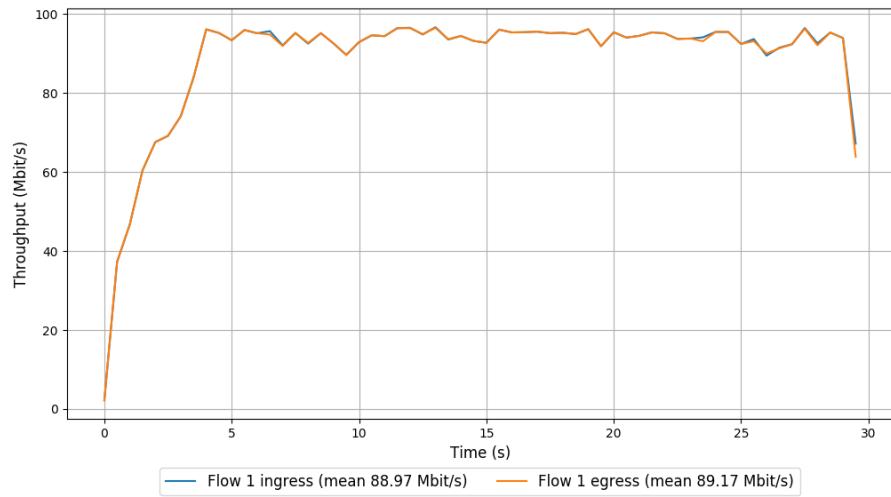


Run 5: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 11:20:53 +0000
End at: Wed, 05 Jul 2017 11:21:23 +0000
Local clock offset: -0.214 ms
Remote clock offset: -2.451 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:47:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.17 Mbit/s
95th percentile per-packet one-way delay: 0.688 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 89.17 Mbit/s
95th percentile per-packet one-way delay: 0.688 ms
Loss rate: 0.11%
```

### Run 5: Report of PCC — Data Link

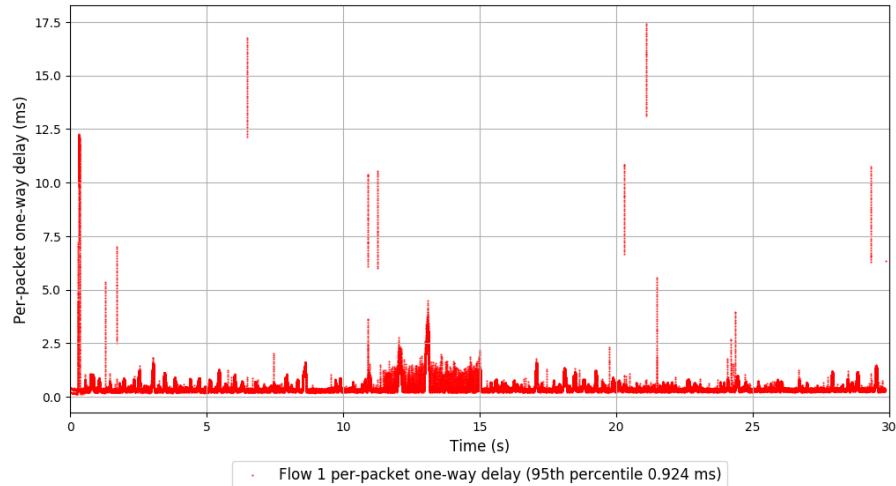
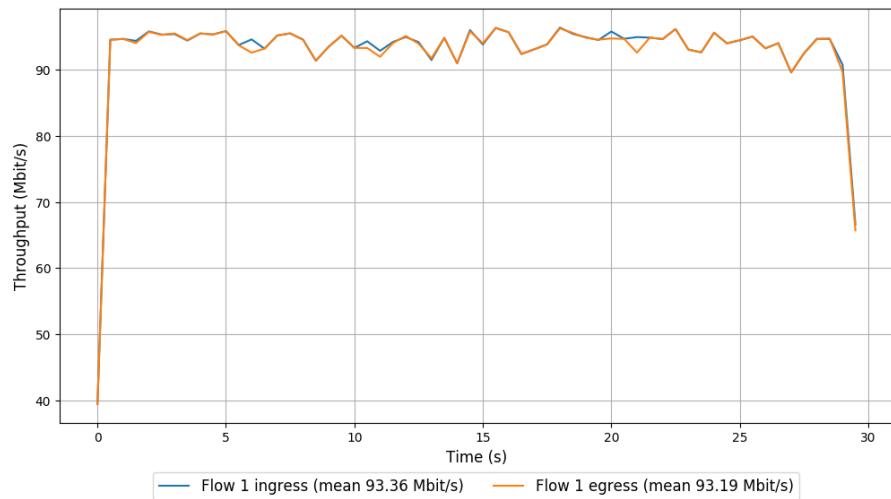


Run 6: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 11:37:48 +0000
End at: Wed, 05 Jul 2017 11:38:18 +0000
Local clock offset: -0.435 ms
Remote clock offset: -2.237 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 0.924 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 0.924 ms
Loss rate: 0.18%
```

## Run 6: Report of PCC — Data Link

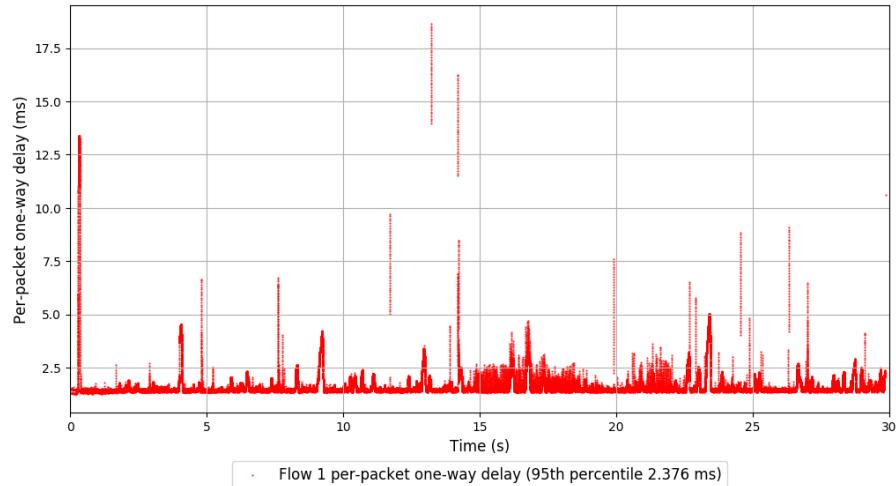
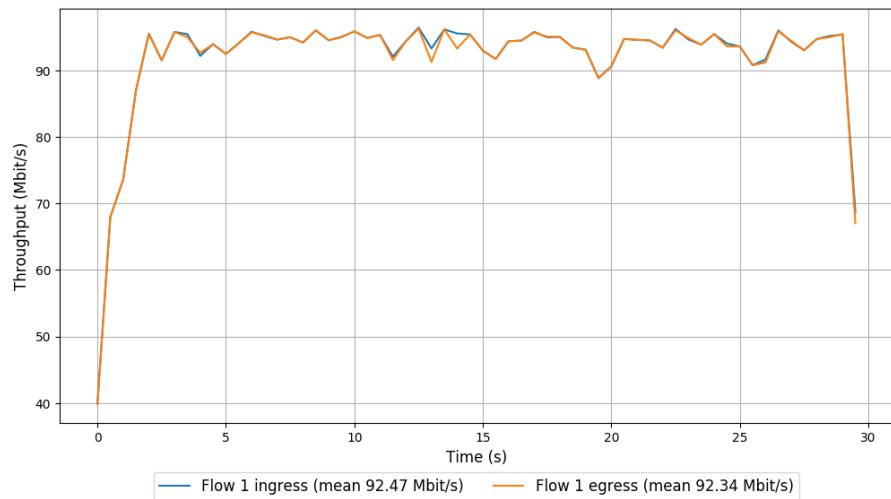


Run 7: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 11:54:45 +0000
End at: Wed, 05 Jul 2017 11:55:15 +0000
Local clock offset: -0.679 ms
Remote clock offset: -1.424 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 2.376 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 2.376 ms
Loss rate: 0.14%
```

### Run 7: Report of PCC — Data Link

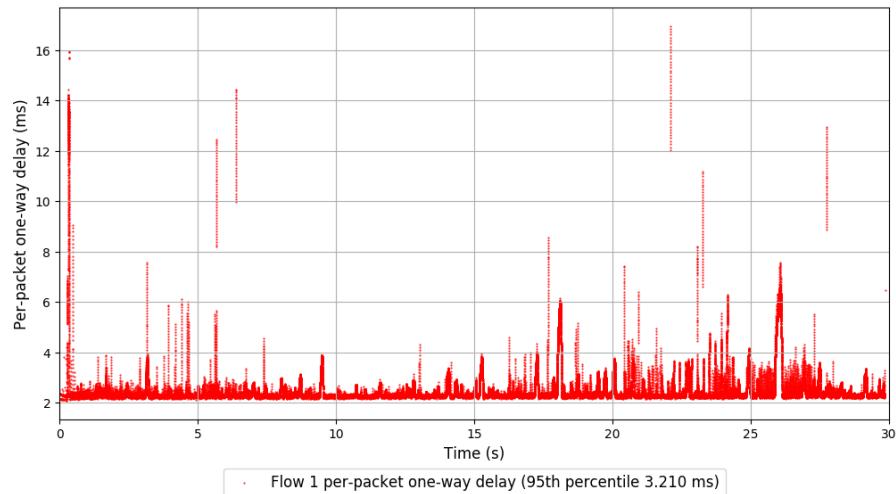
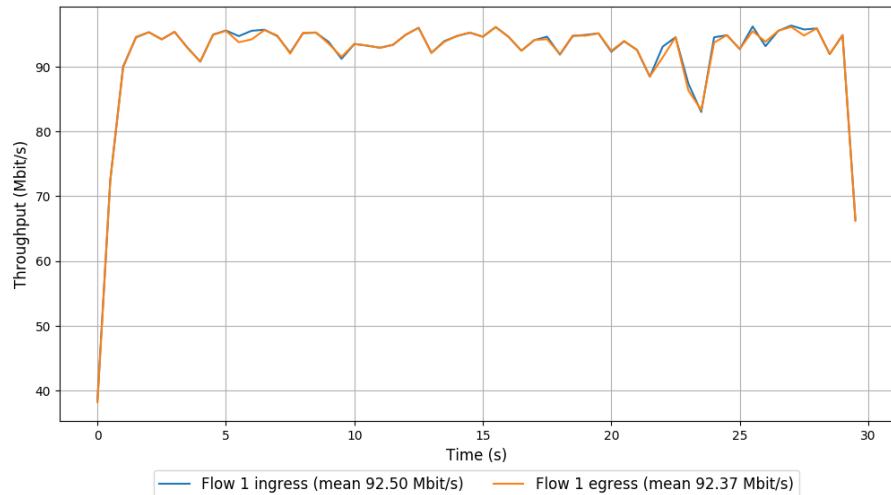


Run 8: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 12:11:36 +0000
End at: Wed, 05 Jul 2017 12:12:06 +0000
Local clock offset: -0.865 ms
Remote clock offset: -0.671 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 3.210 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 3.210 ms
Loss rate: 0.13%
```

### Run 8: Report of PCC — Data Link

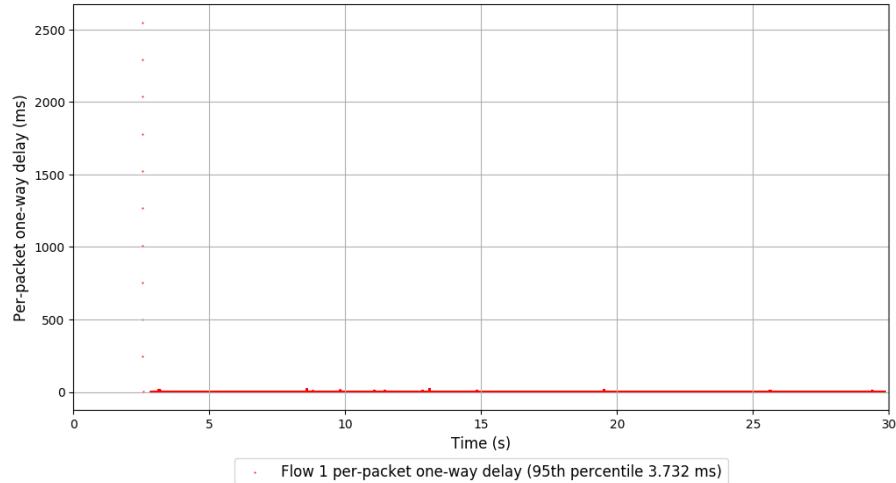
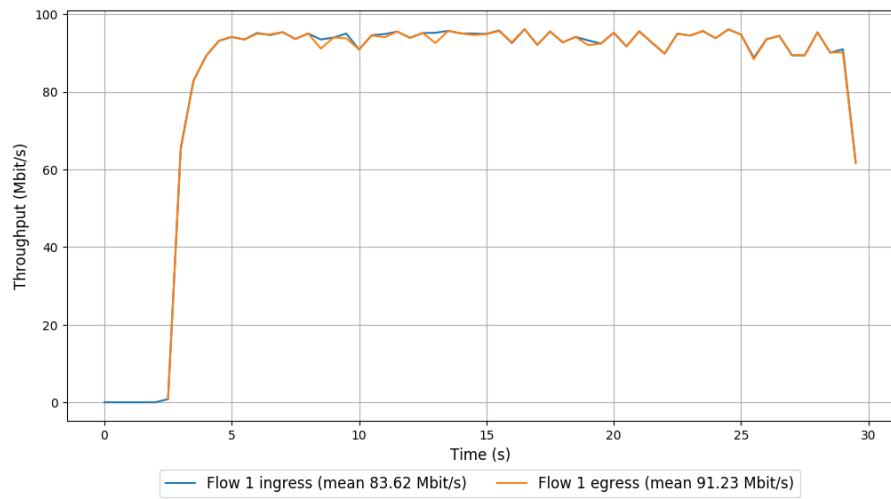


Run 9: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 12:28:34 +0000
End at: Wed, 05 Jul 2017 12:29:04 +0000
Local clock offset: -1.155 ms
Remote clock offset: -0.338 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 3.732 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 3.732 ms
Loss rate: 0.22%
```

### Run 9: Report of PCC — Data Link

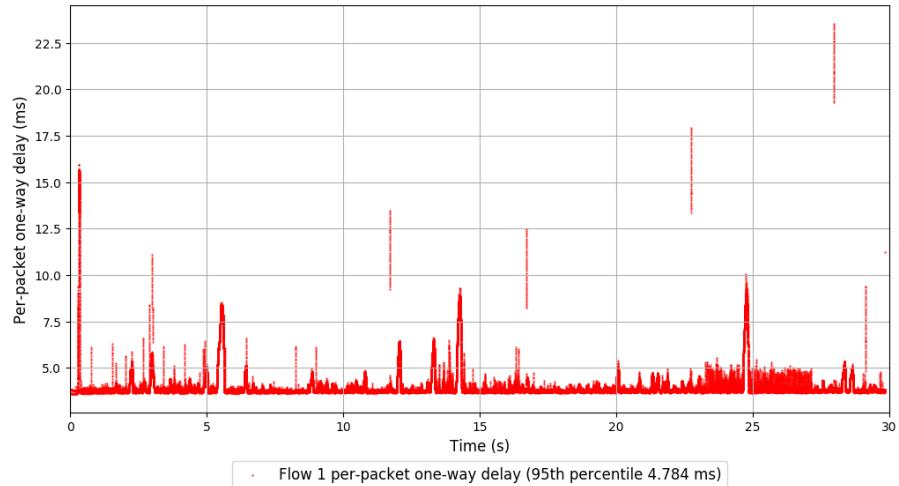
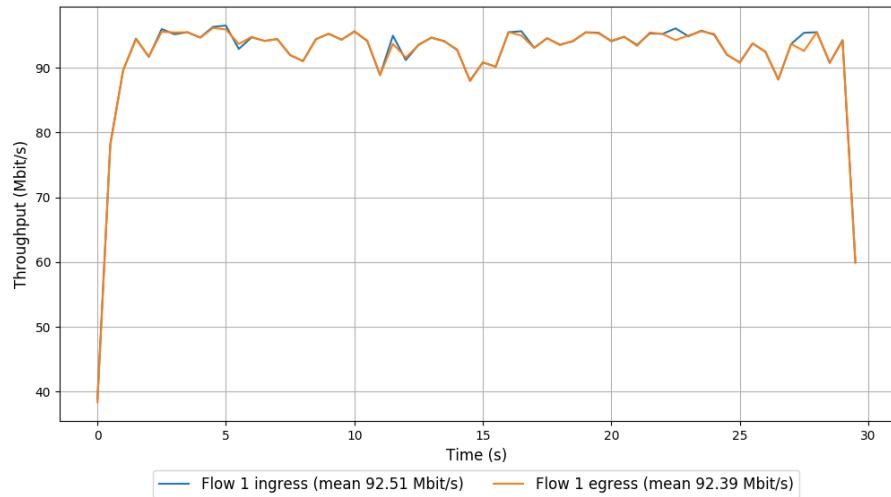


Run 10: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 12:45:37 +0000
End at: Wed, 05 Jul 2017 12:46:07 +0000
Local clock offset: -1.151 ms
Remote clock offset: 0.478 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 4.784 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 4.784 ms
Loss rate: 0.13%
```

### Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:11:48 +0000  
End at: Wed, 05 Jul 2017 10:12:18 +0000  
Local clock offset: 0.108 ms  
Remote clock offset: -0.114 ms

Run 1: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:28:46 +0000  
End at: Wed, 05 Jul 2017 10:29:16 +0000  
Local clock offset: 0.109 ms  
Remote clock offset: 0.002 ms

Run 2: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 10:45:44 +0000  
End at: Wed, 05 Jul 2017 10:46:14 +0000  
Local clock offset: 0.076 ms  
Remote clock offset: -0.51 ms

Run 3: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:02:48 +0000  
End at: Wed, 05 Jul 2017 11:03:18 +0000  
Local clock offset: -0.112 ms  
Remote clock offset: -1.414 ms

Run 4: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:19:49 +0000  
End at: Wed, 05 Jul 2017 11:20:19 +0000  
Local clock offset: -0.21 ms  
Remote clock offset: -2.37 ms

Run 5: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:36:45 +0000  
End at: Wed, 05 Jul 2017 11:37:15 +0000  
Local clock offset: -0.445 ms  
Remote clock offset: -2.324 ms

Run 6: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 11:53:42 +0000  
End at: Wed, 05 Jul 2017 11:54:12 +0000  
Local clock offset: -0.641 ms  
Remote clock offset: -1.419 ms

Run 7: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:10:33 +0000  
End at: Wed, 05 Jul 2017 12:11:03 +0000  
Local clock offset: -0.87 ms  
Remote clock offset: -0.68 ms

Run 8: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:27:30 +0000

End at: Wed, 05 Jul 2017 12:28:00 +0000

Local clock offset: -1.058 ms

Remote clock offset: -0.385 ms

Run 9: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of QUIC Cubic

Start at: Wed, 05 Jul 2017 12:44:33 +0000

End at: Wed, 05 Jul 2017 12:45:03 +0000

Local clock offset: -1.123 ms

Remote clock offset: 0.451 ms

Run 10: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

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

```
Start at: Wed, 05 Jul 2017 10:13:58 +0000
```

```
End at: Wed, 05 Jul 2017 10:14:28 +0000
```

```
Local clock offset: 0.152 ms
```

```
Remote clock offset: -0.033 ms
```

```
# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:33 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 97.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.990 ms
```

```
Loss rate: 0.18%
```

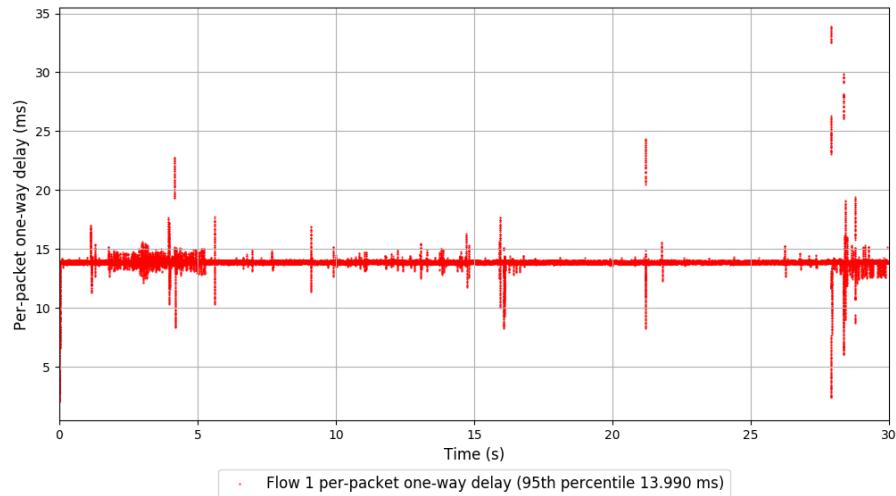
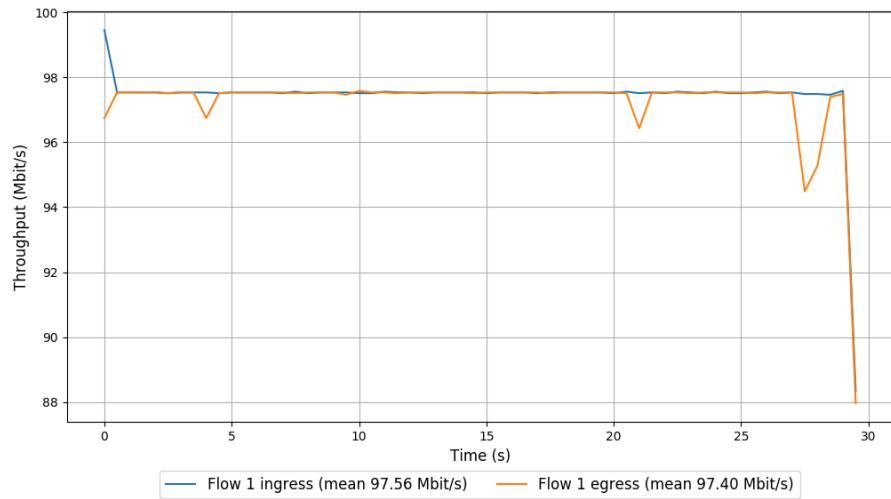
```
-- Flow 1:
```

```
Average throughput: 97.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.990 ms
```

```
Loss rate: 0.18%
```

Run 1: Report of Saturator — Data Link

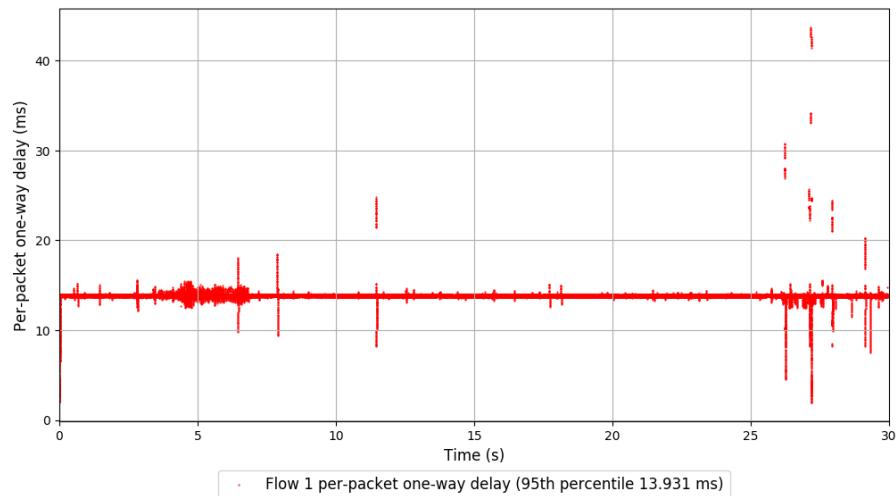
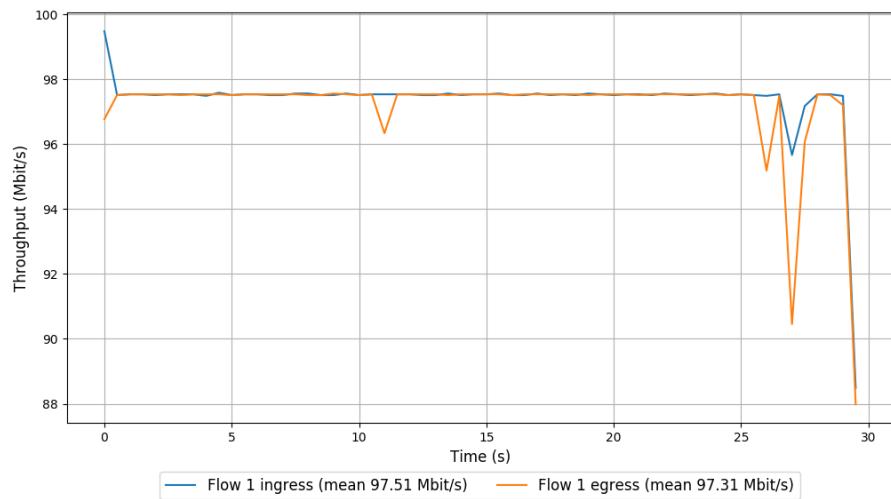


Run 2: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 10:30:57 +0000
End at: Wed, 05 Jul 2017 10:31:27 +0000
Local clock offset: 0.174 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 13.931 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 13.931 ms
Loss rate: 0.23%
```

Run 2: Report of Saturator — Data Link

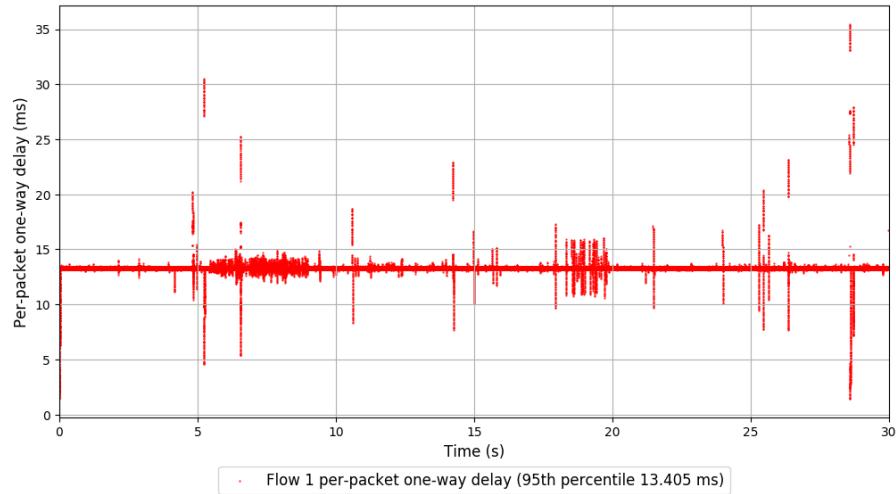
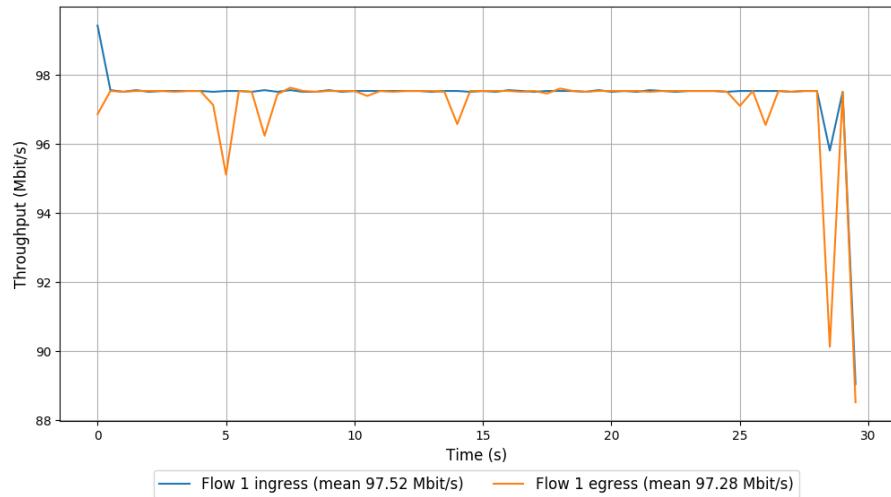


Run 3: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 10:47:55 +0000
End at: Wed, 05 Jul 2017 10:48:25 +0000
Local clock offset: 0.081 ms
Remote clock offset: -0.641 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 13.405 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 13.405 ms
Loss rate: 0.26%
```

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

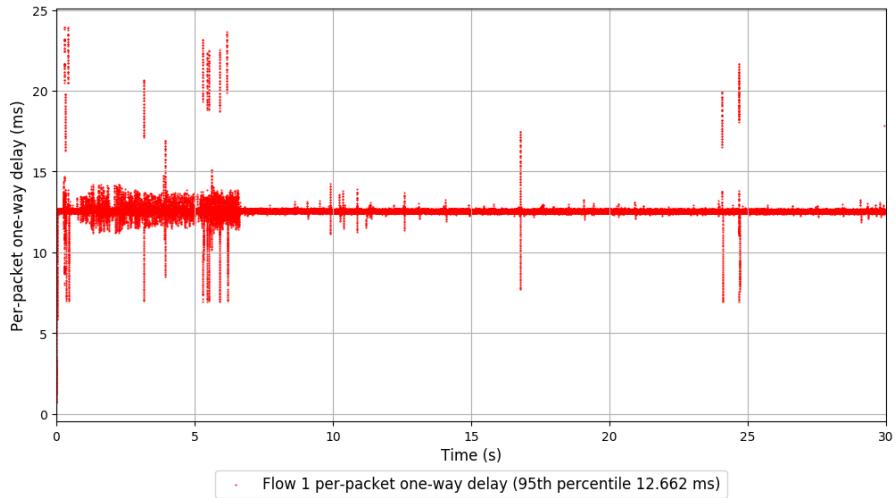
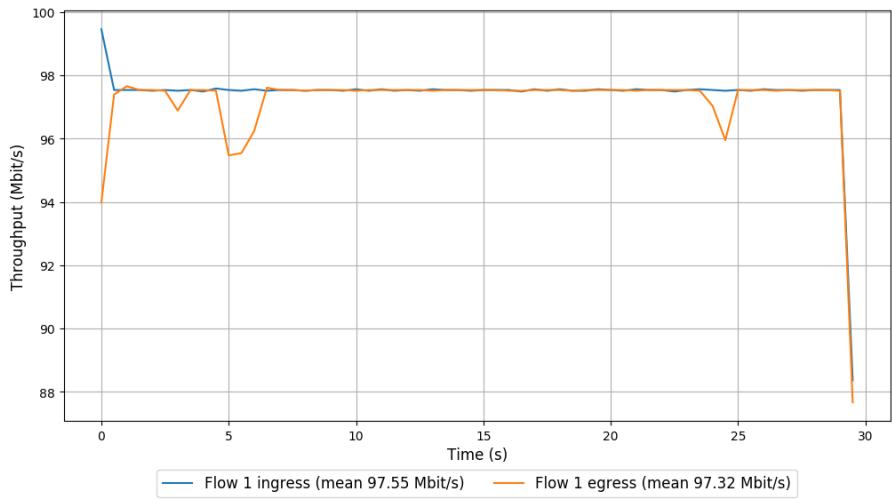


Run 4: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 11:04:59 +0000
End at: Wed, 05 Jul 2017 11:05:29 +0000
Local clock offset: -0.221 ms
Remote clock offset: -1.639 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:48:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 12.662 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 12.662 ms
Loss rate: 0.24%
```

Run 4: Report of Saturator — Data Link

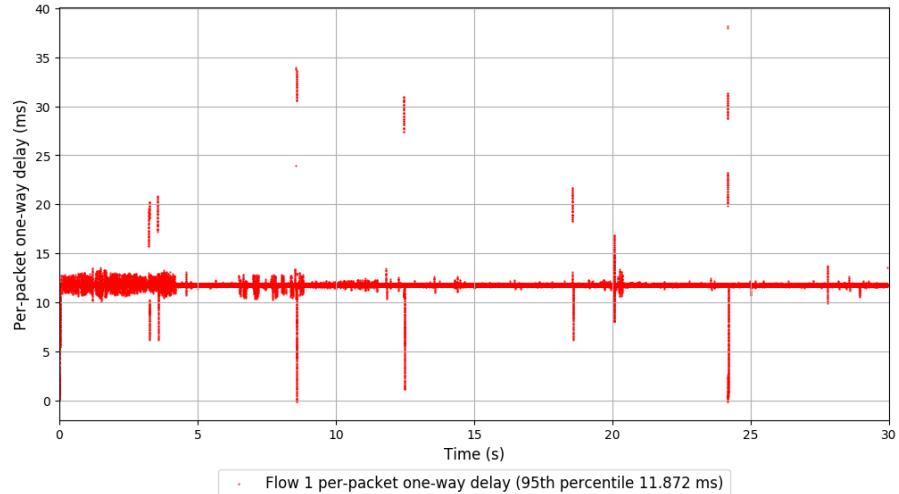
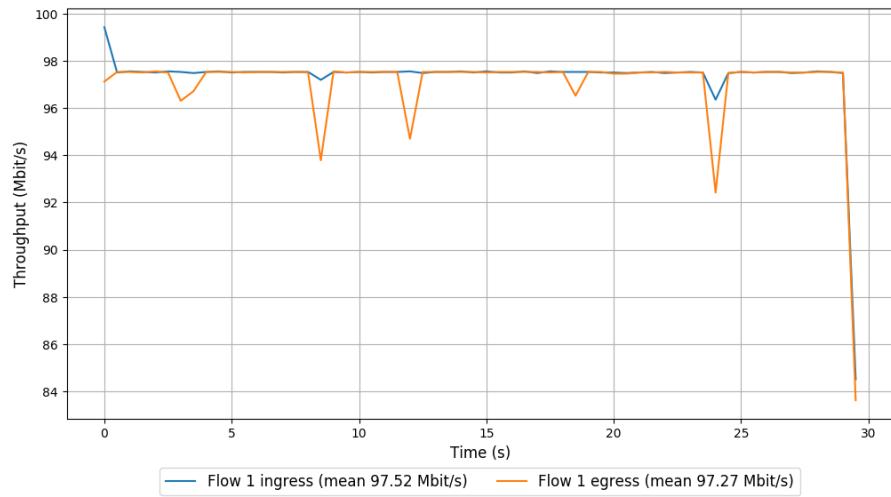


Run 5: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 11:22:00 +0000
End at: Wed, 05 Jul 2017 11:22:30 +0000
Local clock offset: -0.183 ms
Remote clock offset: -2.439 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 11.872 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 11.872 ms
Loss rate: 0.28%
```

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

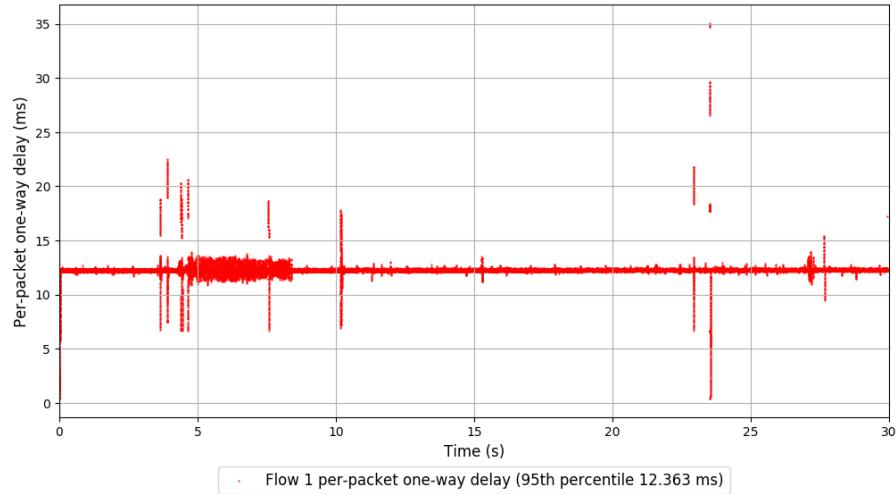
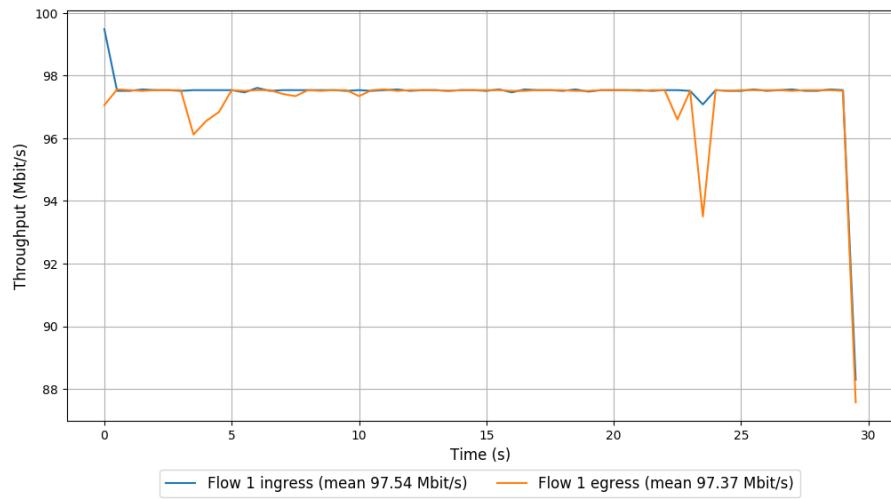


Run 6: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 11:38:56 +0000
End at: Wed, 05 Jul 2017 11:39:26 +0000
Local clock offset: -0.408 ms
Remote clock offset: -2.164 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 12.363 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 12.363 ms
Loss rate: 0.19%
```

Run 6: Report of Saturator — Data Link

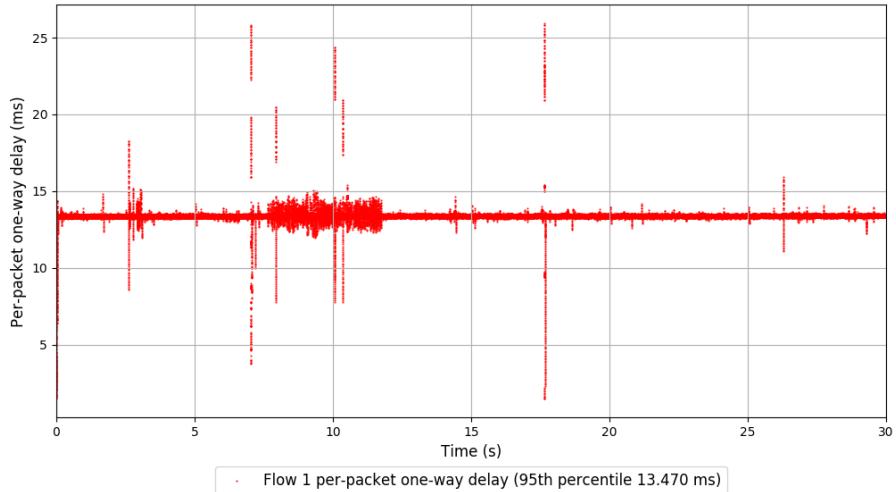
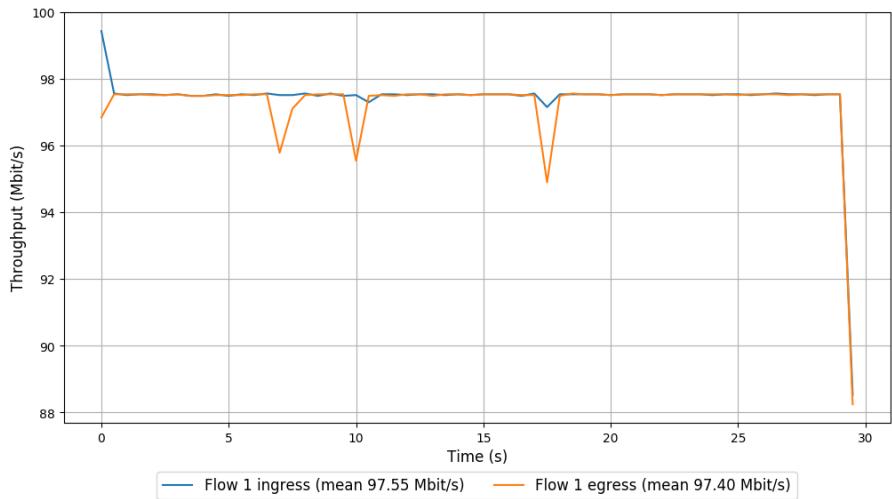


Run 7: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 11:55:52 +0000
End at: Wed, 05 Jul 2017 11:56:22 +0000
Local clock offset: -0.655 ms
Remote clock offset: -1.372 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 13.470 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 13.470 ms
Loss rate: 0.16%
```

Run 7: Report of Saturator — Data Link

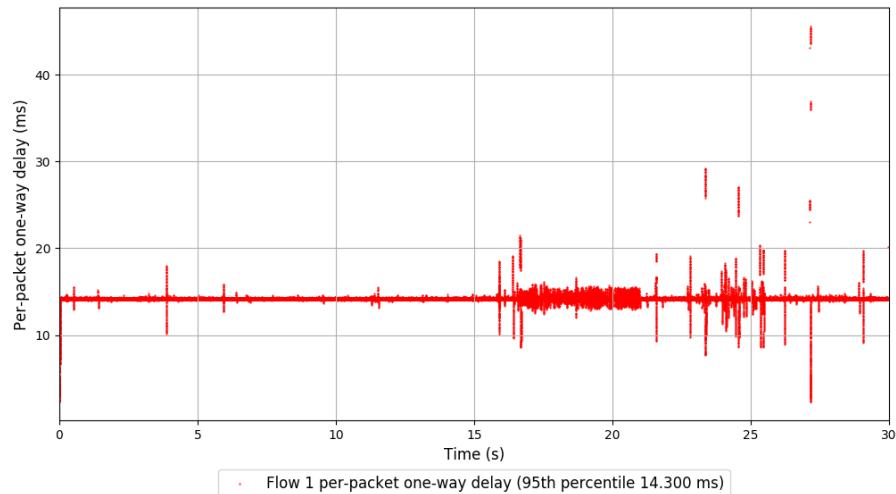
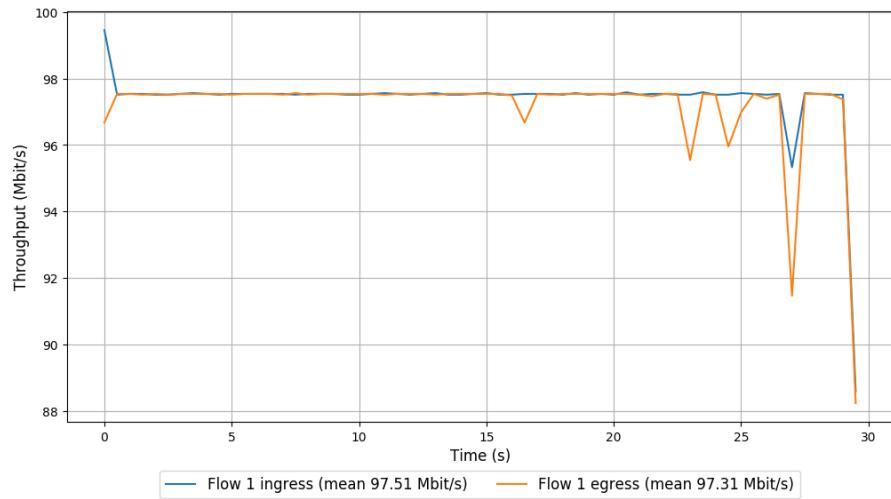


Run 8: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 12:12:44 +0000
End at: Wed, 05 Jul 2017 12:13:14 +0000
Local clock offset: -0.796 ms
Remote clock offset: -0.635 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 14.300 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 14.300 ms
Loss rate: 0.21%
```

Run 8: Report of Saturator — Data Link

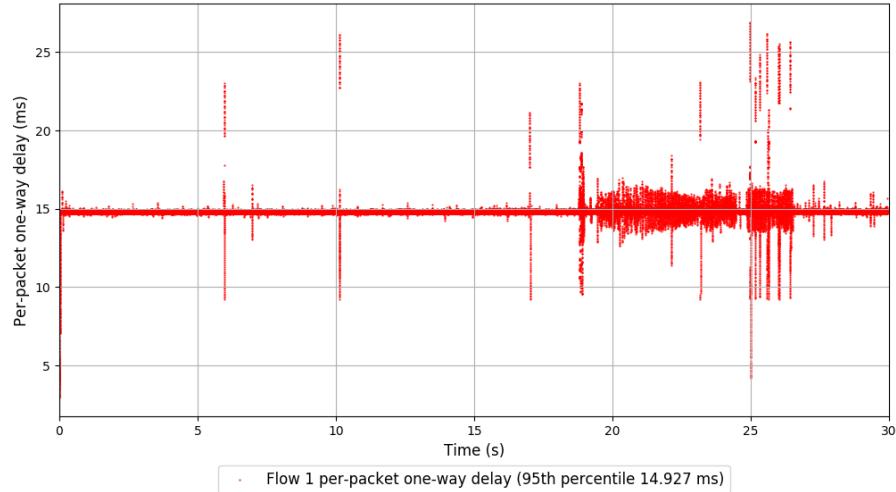
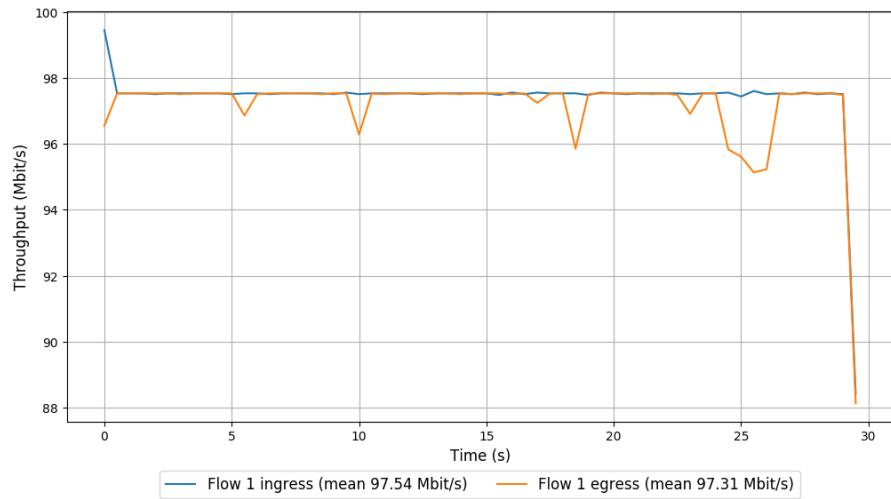


Run 9: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 12:29:41 +0000
End at: Wed, 05 Jul 2017 12:30:11 +0000
Local clock offset: -1.112 ms
Remote clock offset: -0.273 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 14.927 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 14.927 ms
Loss rate: 0.27%
```

Run 9: Report of Saturator — Data Link

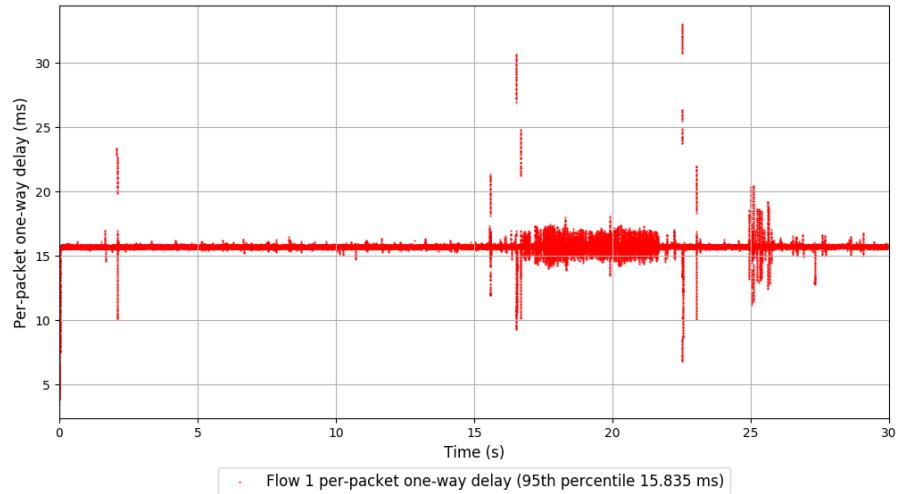
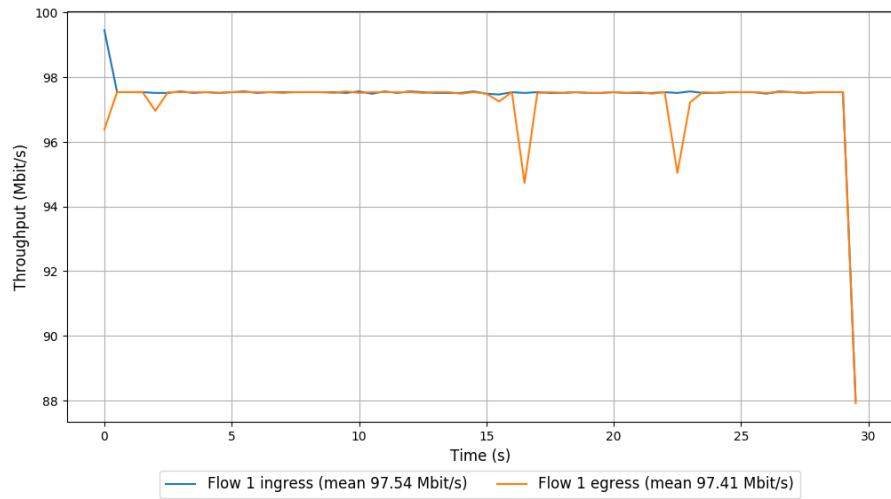


Run 10: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 12:46:44 +0000
End at: Wed, 05 Jul 2017 12:47:14 +0000
Local clock offset: -1.191 ms
Remote clock offset: 0.552 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 15.835 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 15.835 ms
Loss rate: 0.16%
```

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

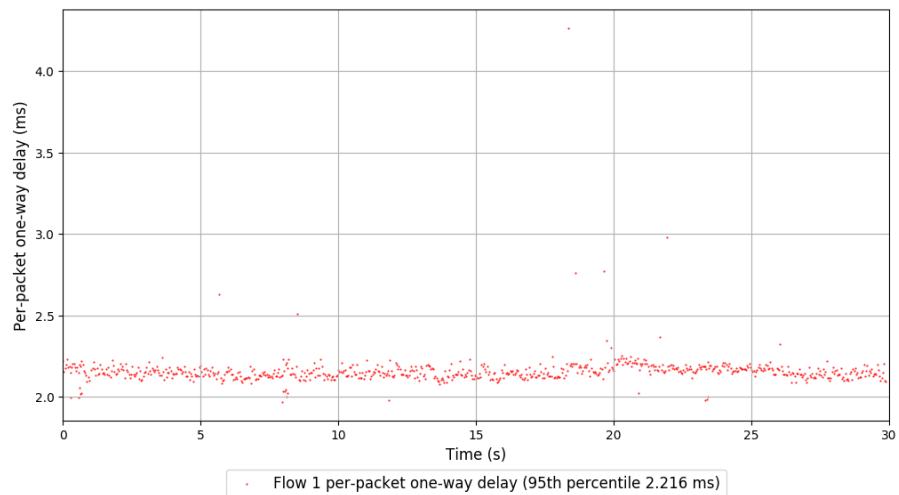
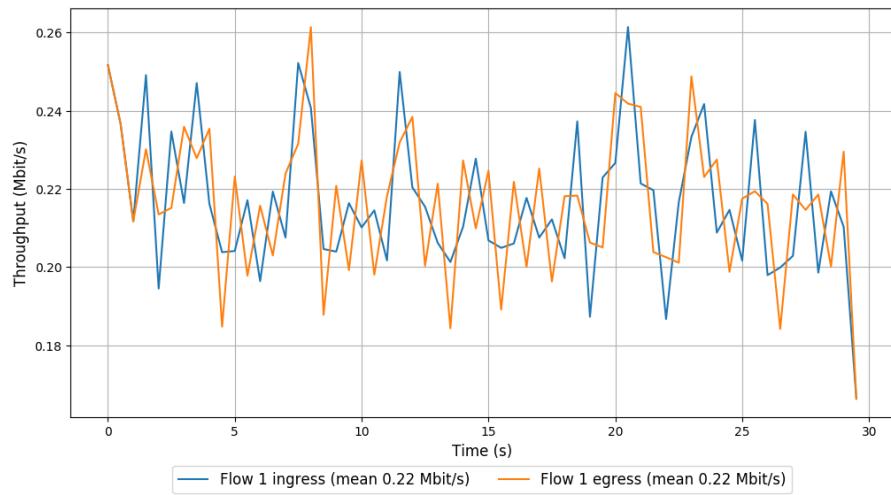


```
Run 1: Statistics of SCReAM
```

```
Start at: Wed, 05 Jul 2017 10:19:41 +0000
End at: Wed, 05 Jul 2017 10:20:11 +0000
Local clock offset: 0.132 ms
Remote clock offset: 0.094 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.216 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.216 ms
Loss rate: 0.00%
```

## Run 1: Report of SCReAM — Data Link

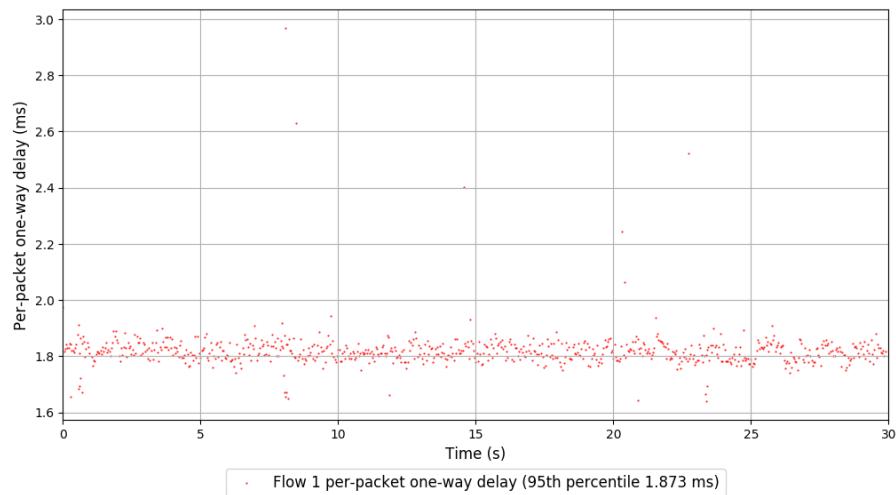
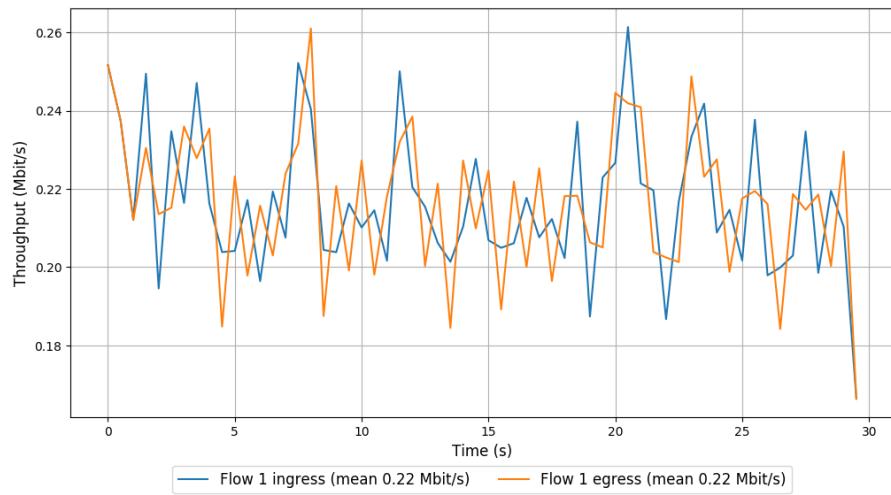


Run 2: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 10:36:40 +0000
End at: Wed, 05 Jul 2017 10:37:10 +0000
Local clock offset: 0.102 ms
Remote clock offset: -0.206 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.873 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

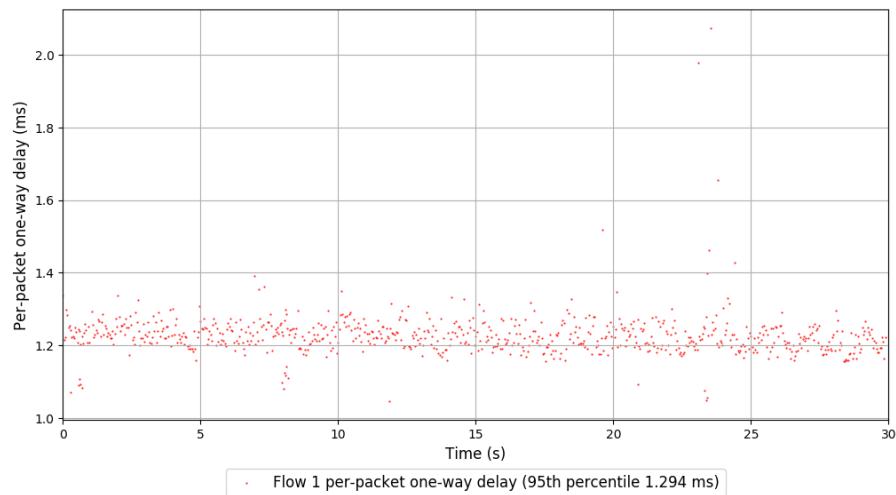
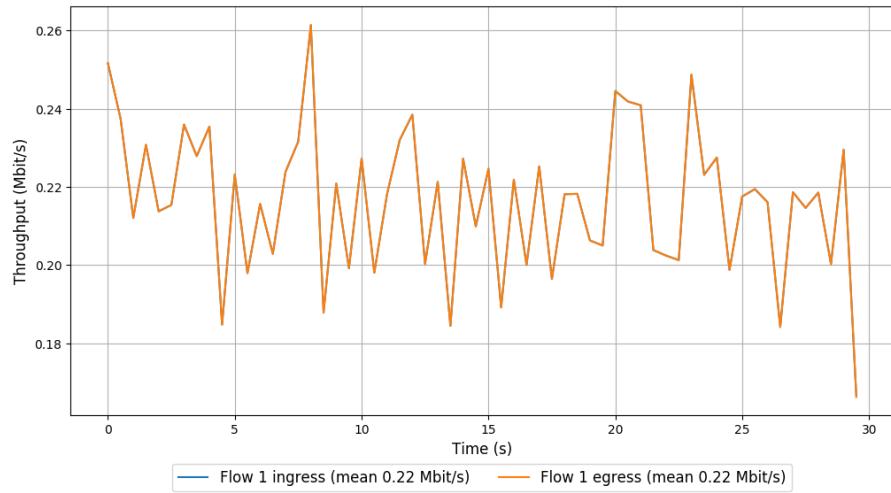


Run 3: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 10:53:37 +0000
End at: Wed, 05 Jul 2017 10:54:07 +0000
Local clock offset: 0.067 ms
Remote clock offset: -0.898 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.294 ms
Loss rate: 0.00%
```

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

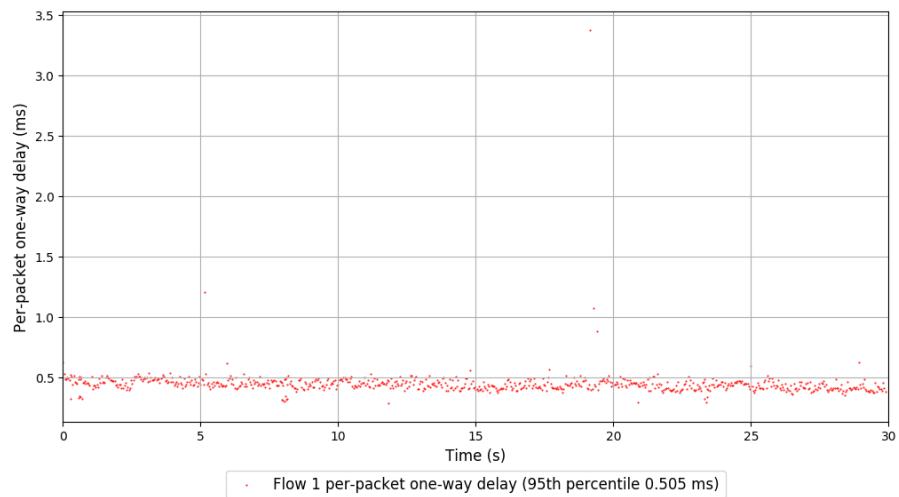
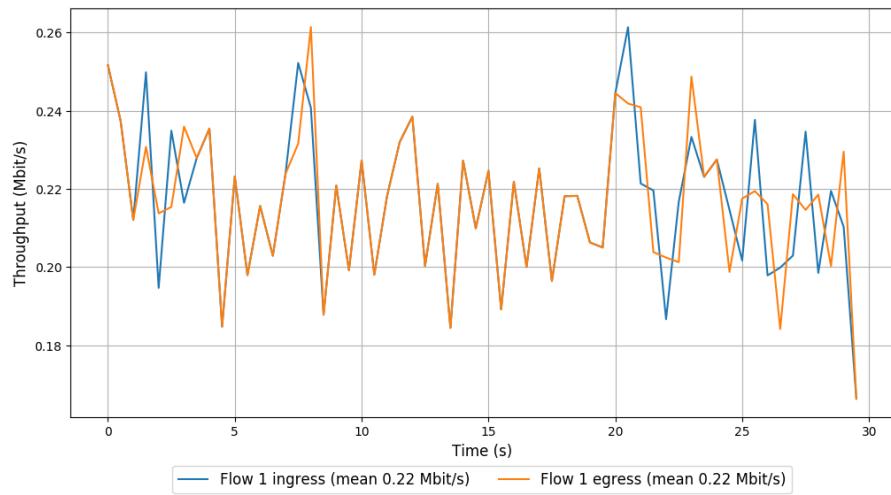


Run 4: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 11:10:42 +0000
End at: Wed, 05 Jul 2017 11:11:12 +0000
Local clock offset: -0.307 ms
Remote clock offset: -1.949 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.505 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

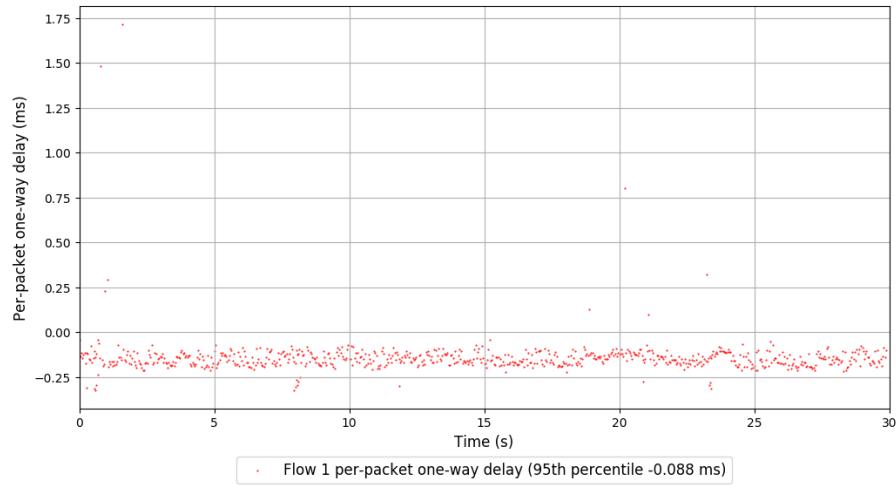
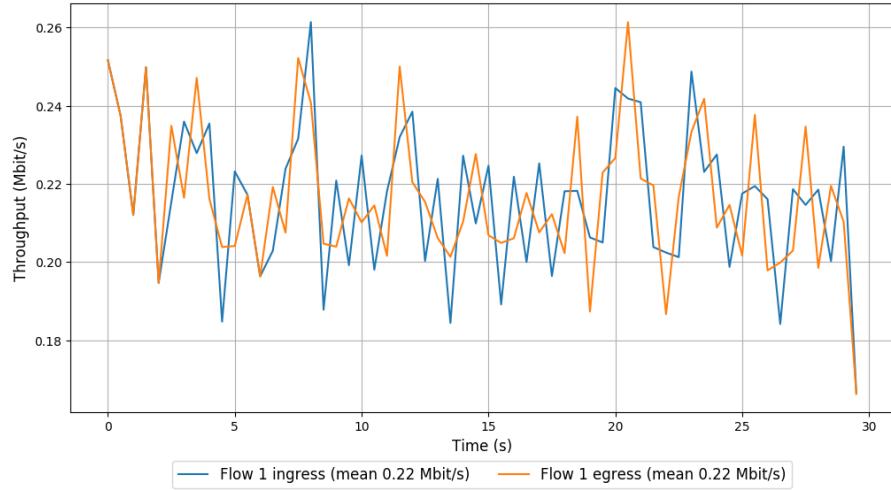


Run 5: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 11:27:42 +0000
End at: Wed, 05 Jul 2017 11:28:12 +0000
Local clock offset: -0.301 ms
Remote clock offset: -2.649 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -0.088 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -0.088 ms
Loss rate: 0.00%
```

## Run 5: Report of SCReAM — Data Link

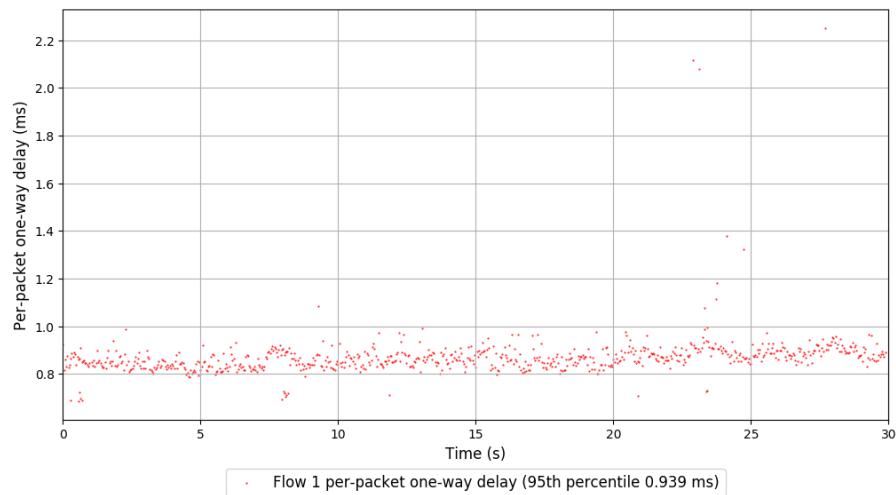
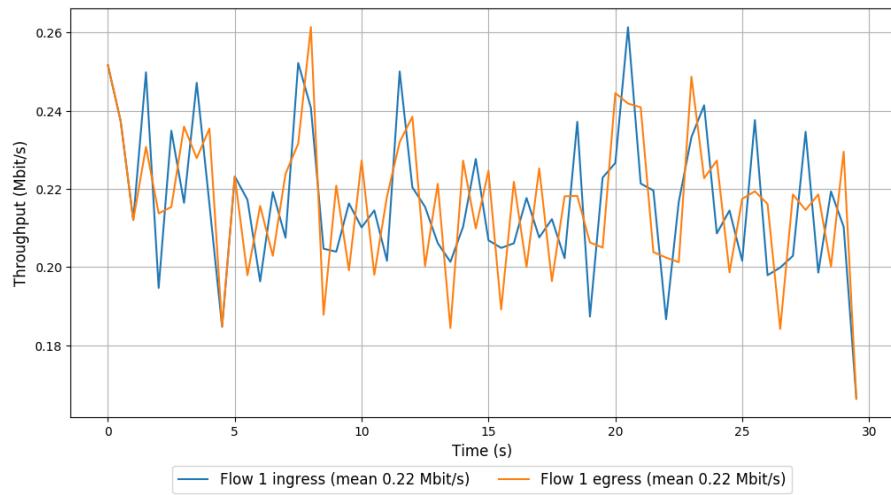


Run 6: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 11:44:38 +0000
End at: Wed, 05 Jul 2017 11:45:08 +0000
Local clock offset: -0.572 ms
Remote clock offset: -1.921 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.939 ms
Loss rate: 0.00%
```

## Run 6: Report of SCReAM — Data Link

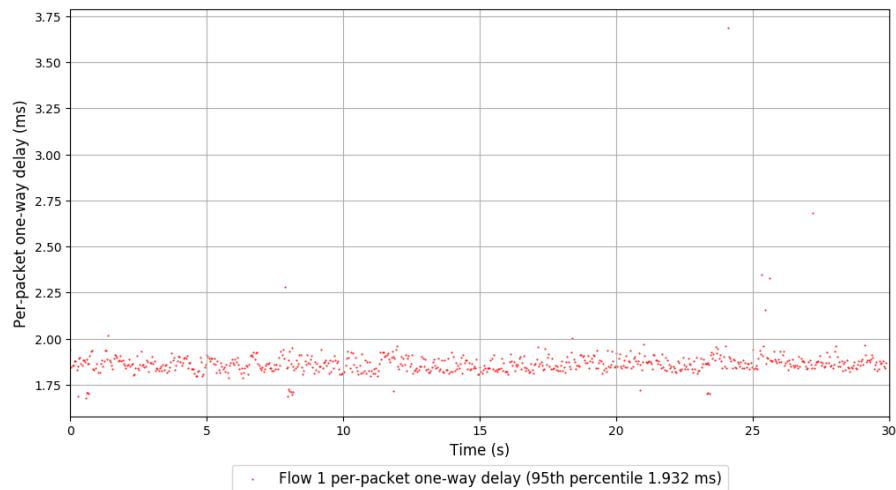
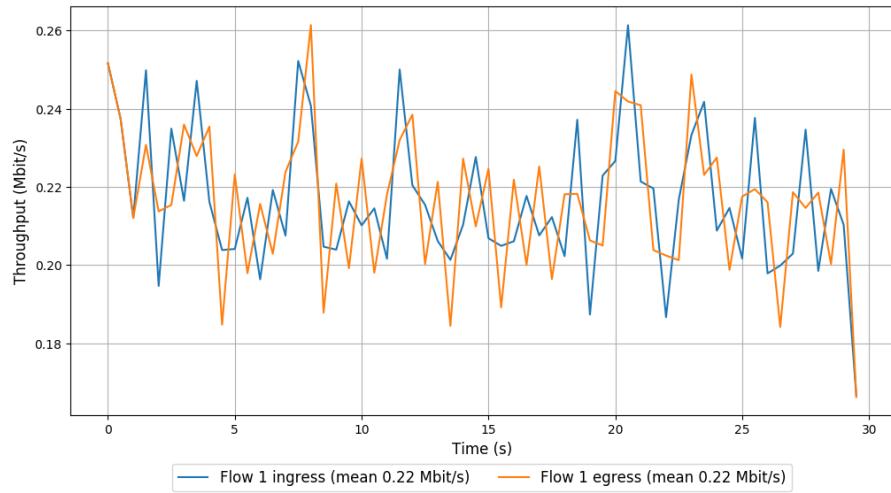


Run 7: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 12:01:35 +0000
End at: Wed, 05 Jul 2017 12:02:05 +0000
Local clock offset: -0.709 ms
Remote clock offset: -1.054 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.932 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.932 ms
Loss rate: 0.00%
```

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

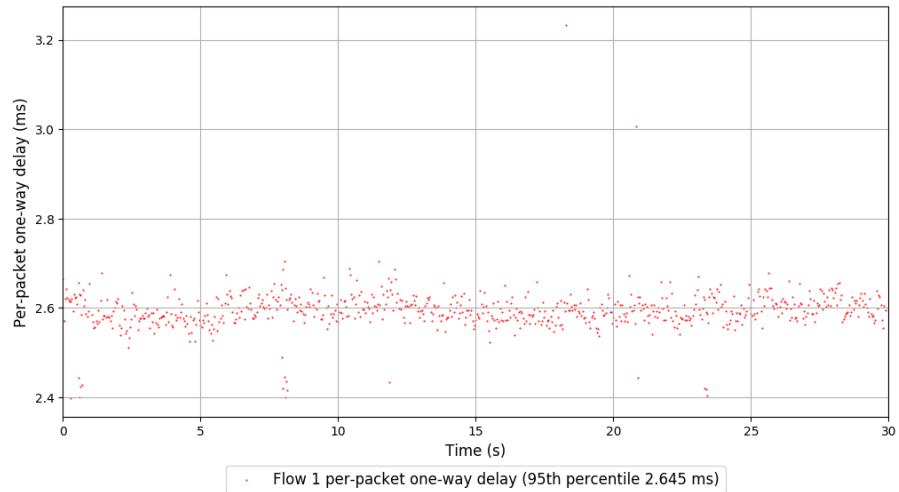
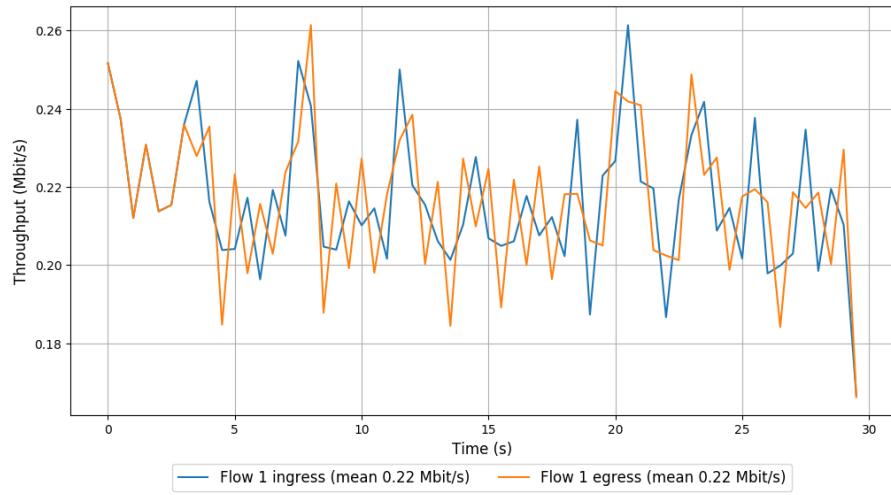


Run 8: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 12:18:26 +0000
End at: Wed, 05 Jul 2017 12:18:56 +0000
Local clock offset: -0.94 ms
Remote clock offset: -0.497 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.645 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.645 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

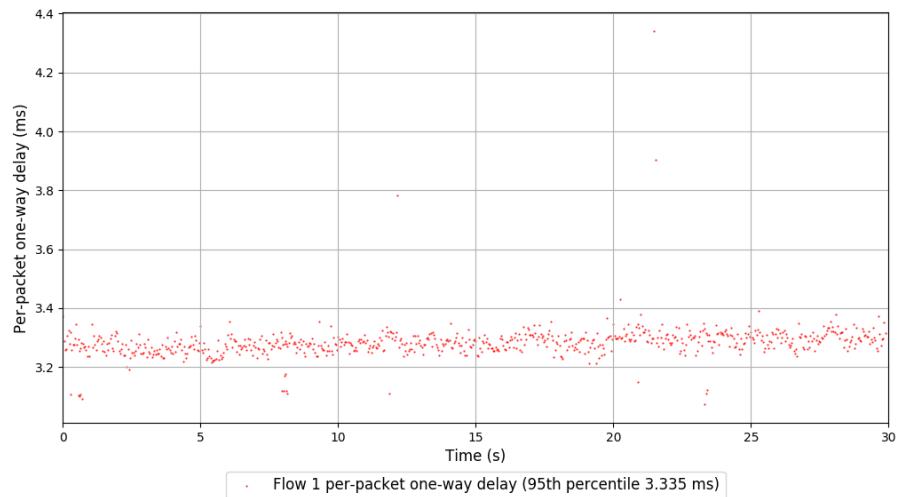
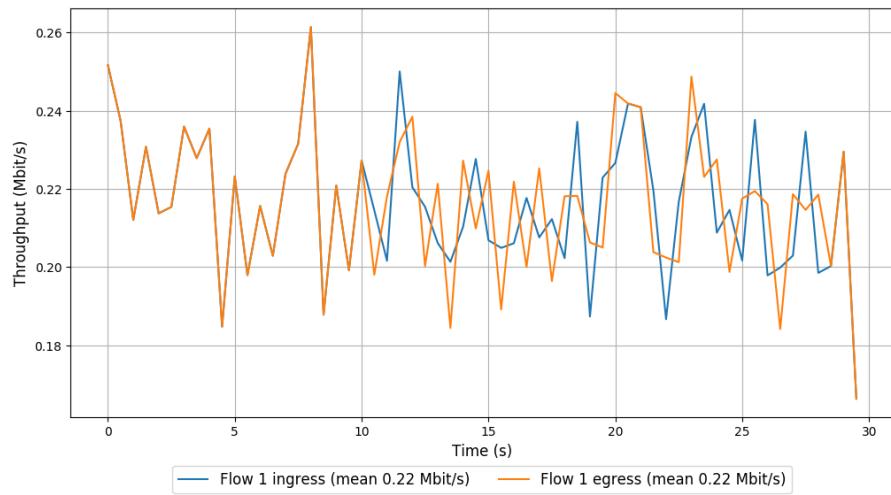


Run 9: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 12:35:23 +0000
End at: Wed, 05 Jul 2017 12:35:53 +0000
Local clock offset: -1.008 ms
Remote clock offset: 0.037 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.335 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.335 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

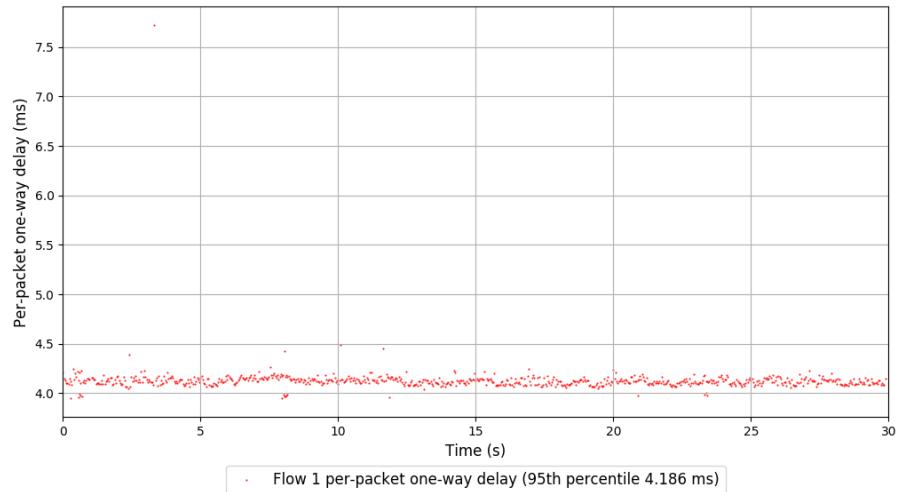
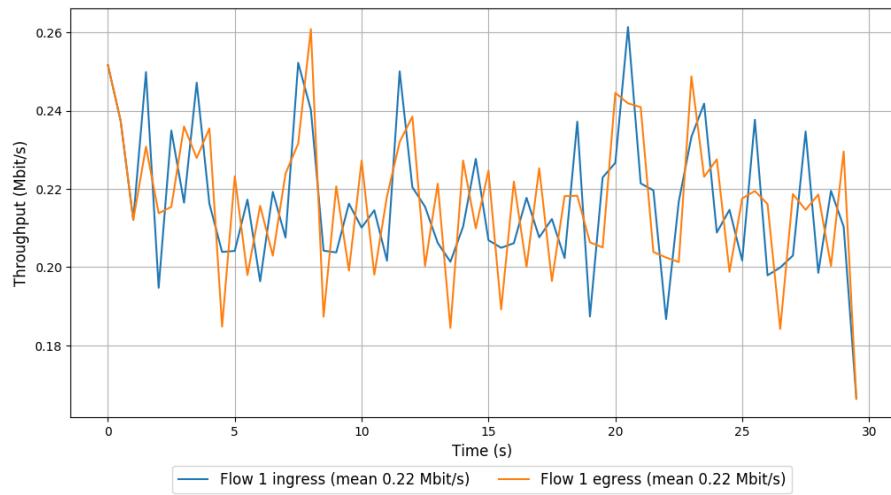


Run 10: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 12:52:26 +0000
End at: Wed, 05 Jul 2017 12:52:57 +0000
Local clock offset: -1.151 ms
Remote clock offset: 0.783 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.186 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 4.186 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

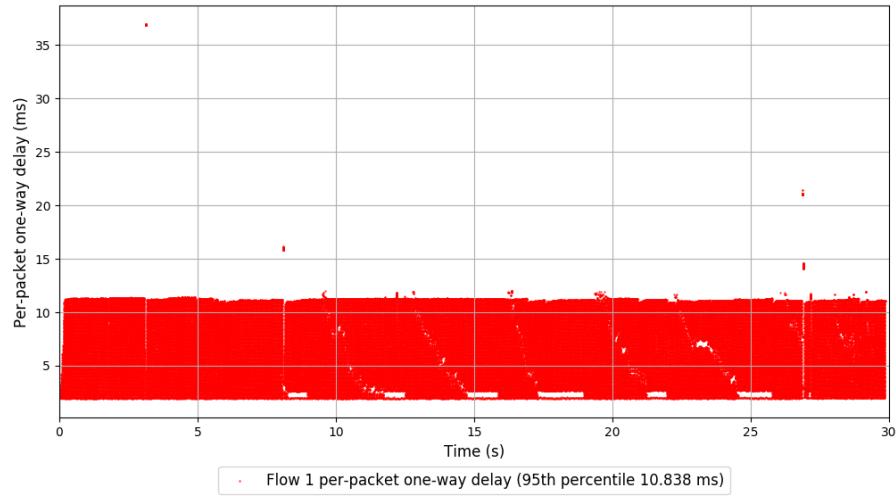
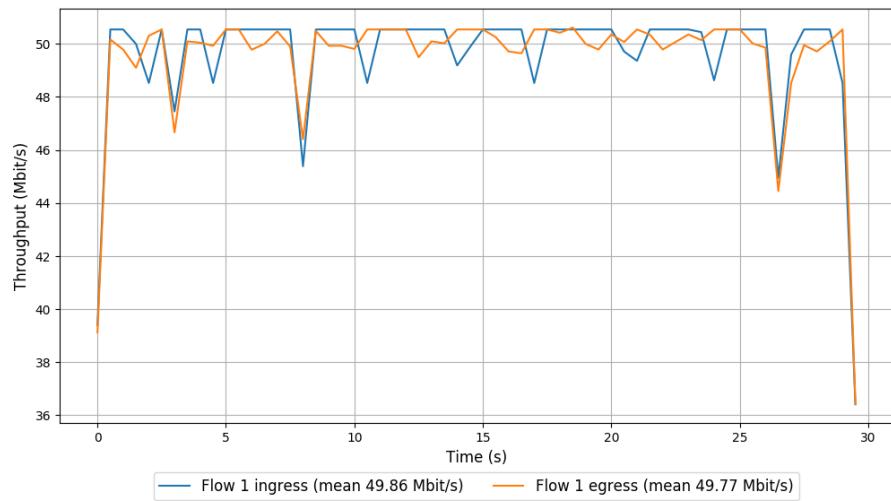


Run 1: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 10:09:32 +0000
End at: Wed, 05 Jul 2017 10:10:02 +0000
Local clock offset: 0.048 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.77 Mbit/s
95th percentile per-packet one-way delay: 10.838 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 49.77 Mbit/s
95th percentile per-packet one-way delay: 10.838 ms
Loss rate: 0.15%
```

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

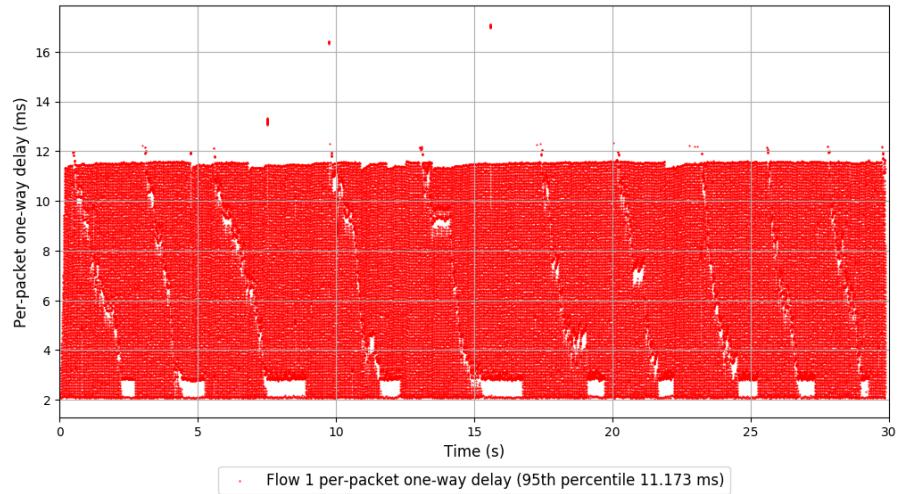
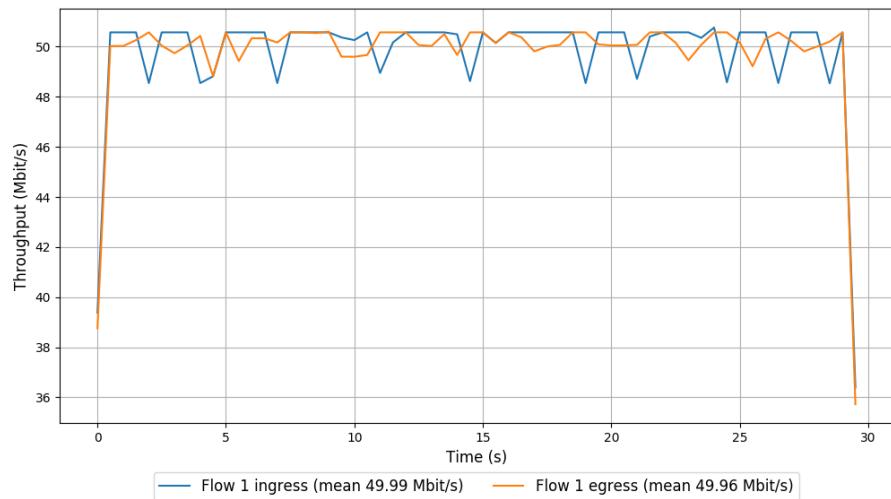


Run 2: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 10:26:31 +0000
End at: Wed, 05 Jul 2017 10:27:01 +0000
Local clock offset: 0.124 ms
Remote clock offset: 0.025 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 11.173 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 11.173 ms
Loss rate: 0.03%
```

## Run 2: Report of Sprout — Data Link

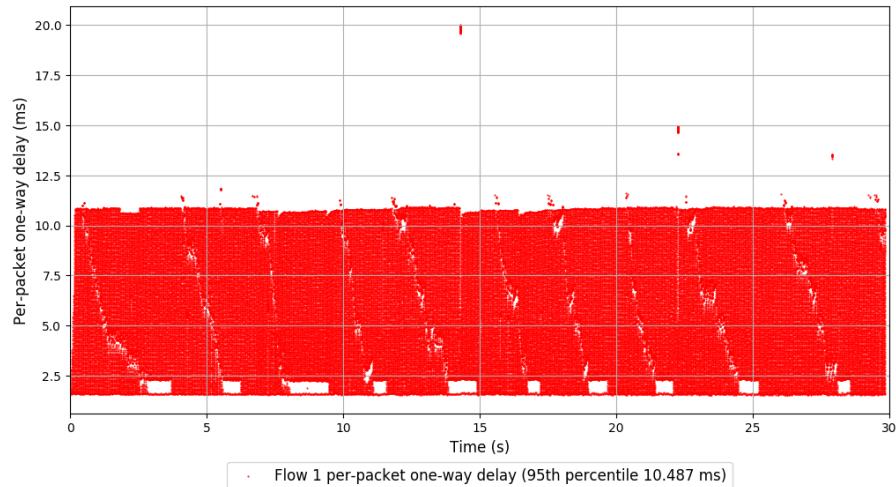
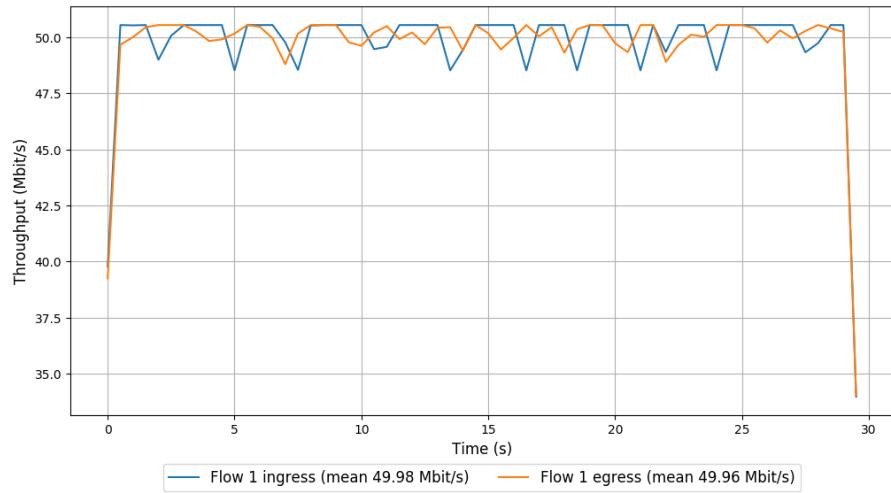


Run 3: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 10:43:29 +0000
End at: Wed, 05 Jul 2017 10:43:59 +0000
Local clock offset: 0.082 ms
Remote clock offset: -0.445 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 10.487 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 10.487 ms
Loss rate: 0.02%
```

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

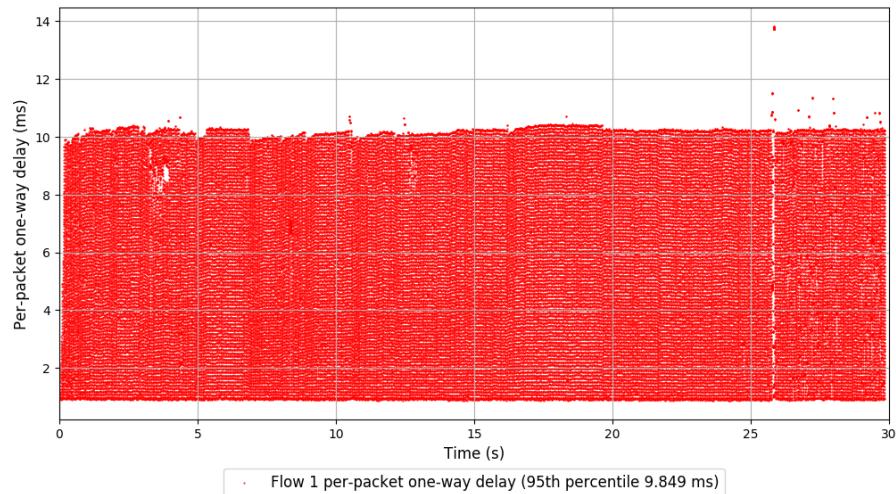
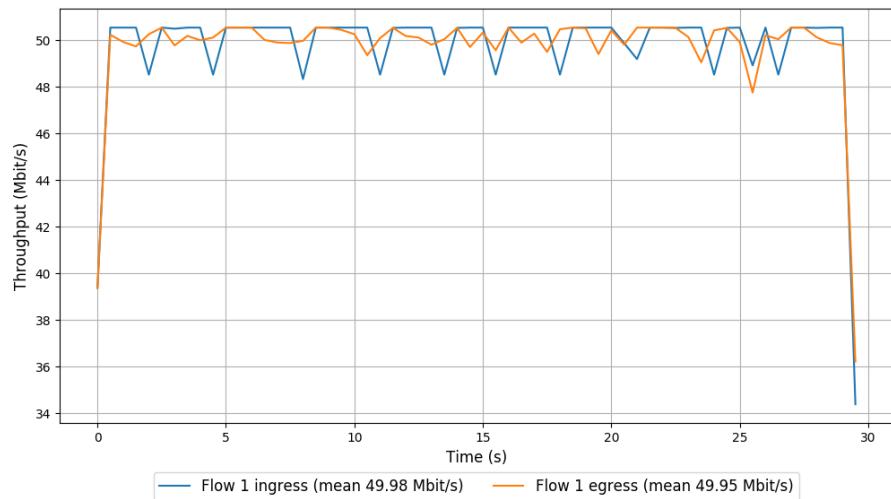


Run 4: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 11:00:34 +0000
End at: Wed, 05 Jul 2017 11:01:04 +0000
Local clock offset: 0.017 ms
Remote clock offset: -1.284 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.95 Mbit/s
95th percentile per-packet one-way delay: 9.849 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 49.95 Mbit/s
95th percentile per-packet one-way delay: 9.849 ms
Loss rate: 0.03%
```

## Run 4: Report of Sprout — Data Link

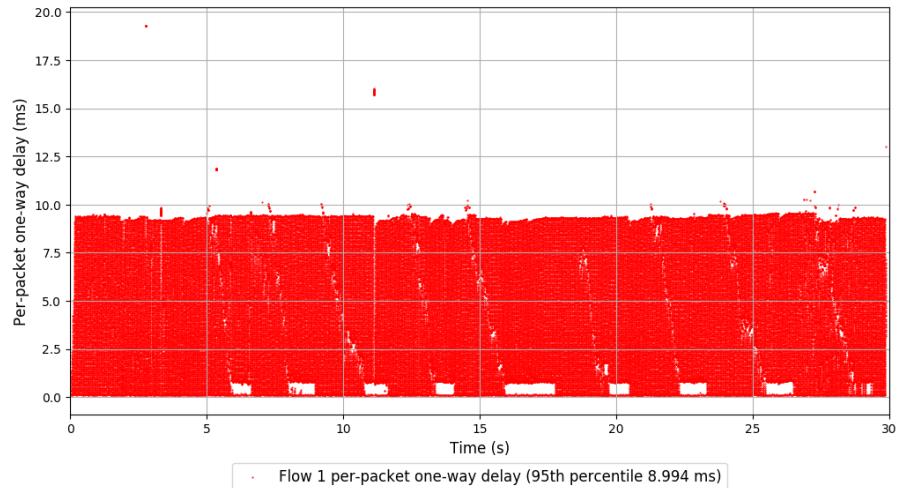
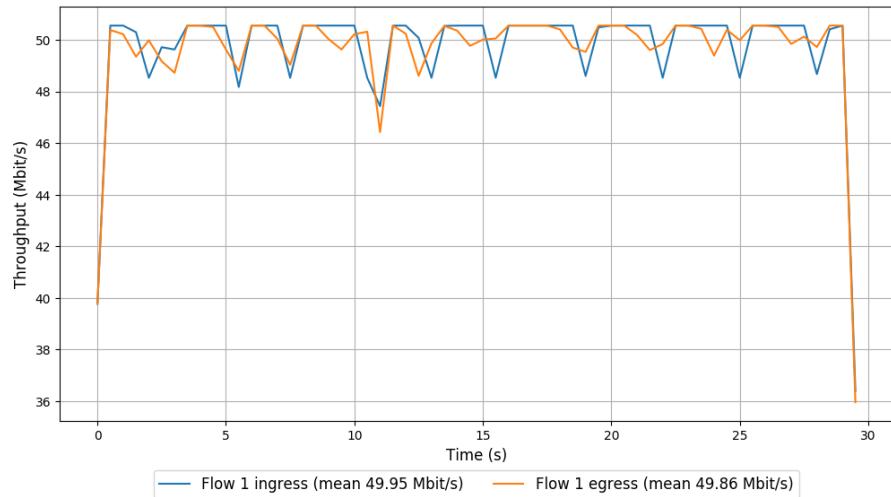


Run 5: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 11:17:34 +0000
End at: Wed, 05 Jul 2017 11:18:04 +0000
Local clock offset: -0.234 ms
Remote clock offset: -2.28 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:49:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 8.994 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 8.994 ms
Loss rate: 0.12%
```

## Run 5: Report of Sprout — Data Link

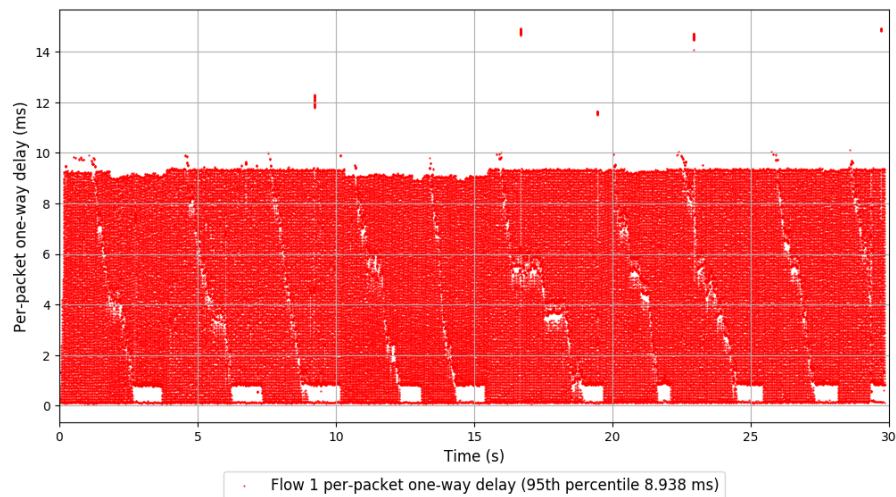
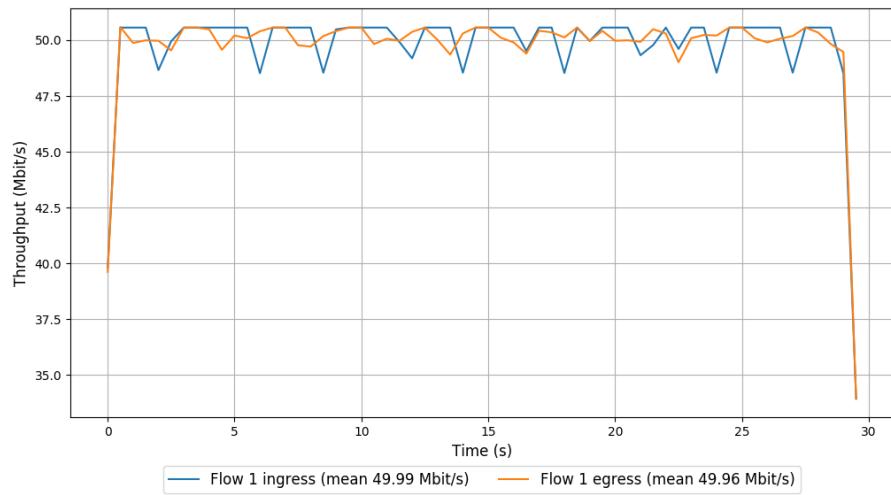


Run 6: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 11:34:30 +0000
End at: Wed, 05 Jul 2017 11:35:00 +0000
Local clock offset: -0.361 ms
Remote clock offset: -2.432 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:50:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 8.938 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 8.938 ms
Loss rate: 0.02%
```

Run 6: Report of Sprout — Data Link

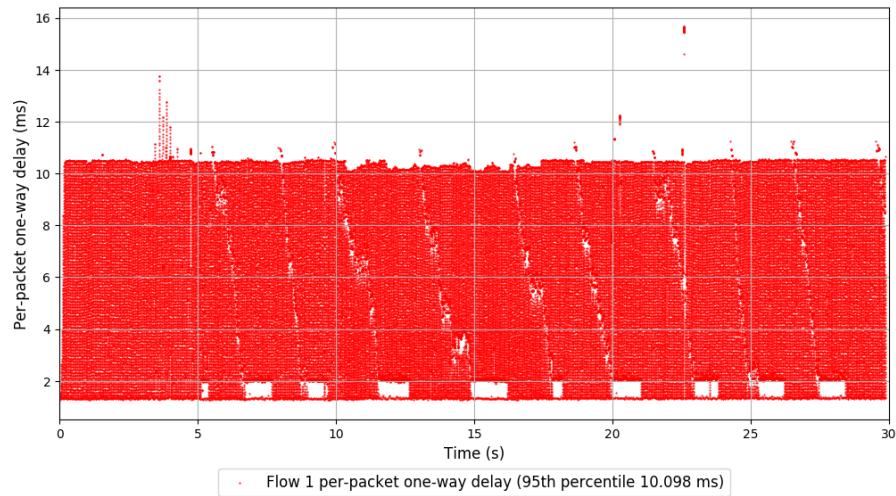
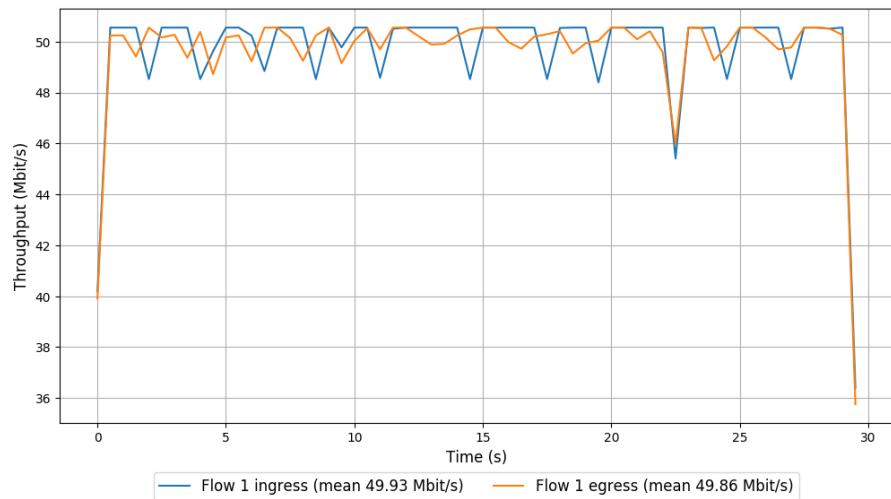


Run 7: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 11:51:27 +0000
End at: Wed, 05 Jul 2017 11:51:57 +0000
Local clock offset: -0.592 ms
Remote clock offset: -1.469 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:50:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 10.098 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 10.098 ms
Loss rate: 0.10%
```

## Run 7: Report of Sprout — Data Link

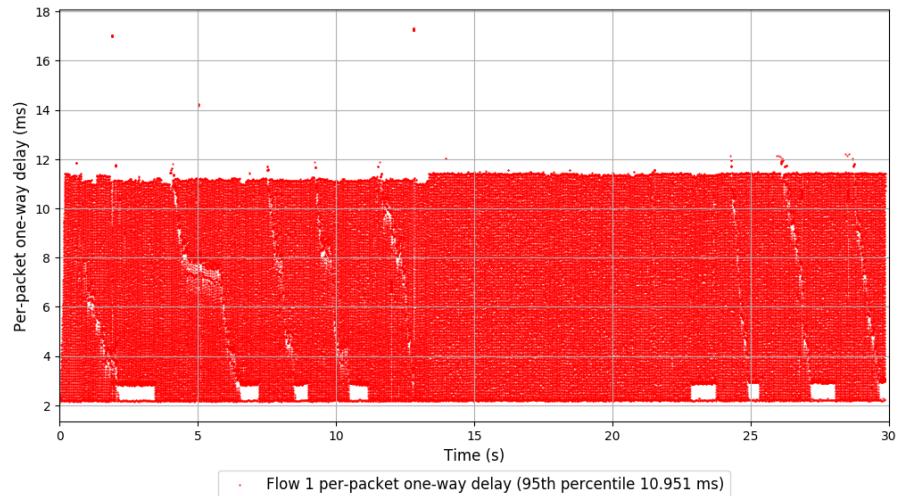
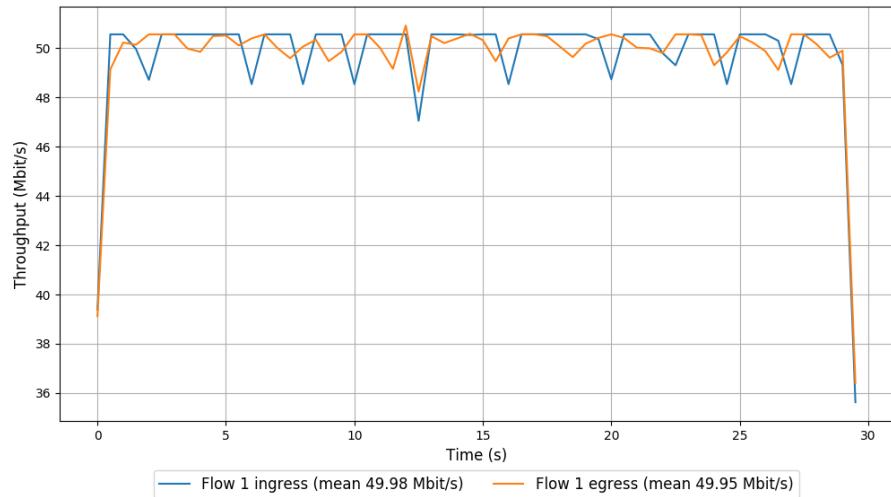


Run 8: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 12:08:18 +0000
End at: Wed, 05 Jul 2017 12:08:48 +0000
Local clock offset: -0.814 ms
Remote clock offset: -0.771 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:50:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.95 Mbit/s
95th percentile per-packet one-way delay: 10.951 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 49.95 Mbit/s
95th percentile per-packet one-way delay: 10.951 ms
Loss rate: 0.02%
```

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

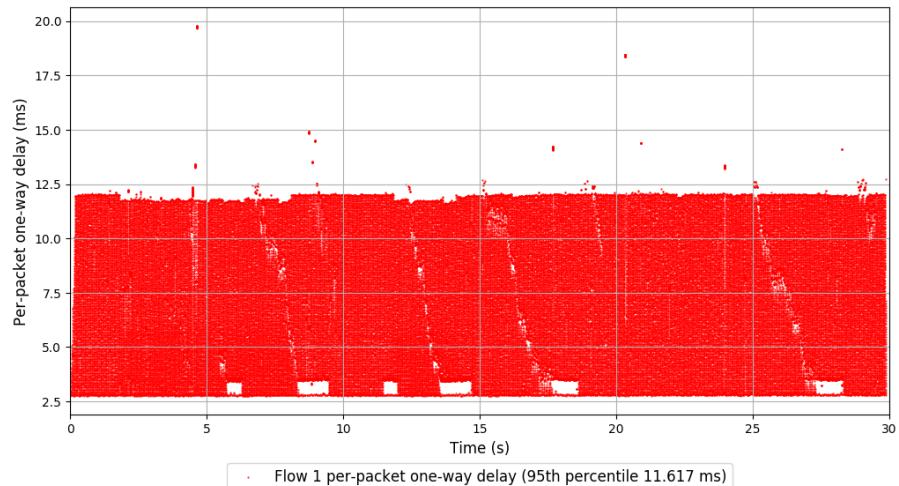
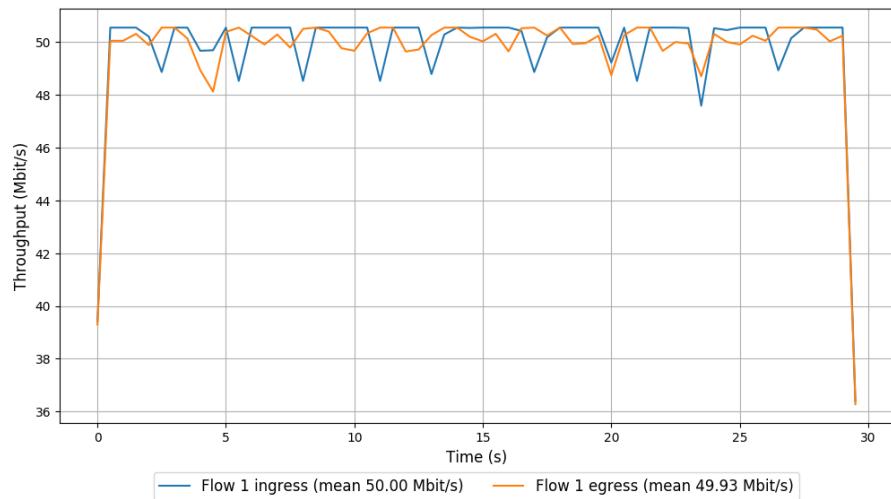


Run 9: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 12:25:15 +0000
End at: Wed, 05 Jul 2017 12:25:45 +0000
Local clock offset: -1.016 ms
Remote clock offset: -0.39 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:50:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.93 Mbit/s
95th percentile per-packet one-way delay: 11.617 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 49.93 Mbit/s
95th percentile per-packet one-way delay: 11.617 ms
Loss rate: 0.11%
```

## Run 9: Report of Sprout — Data Link

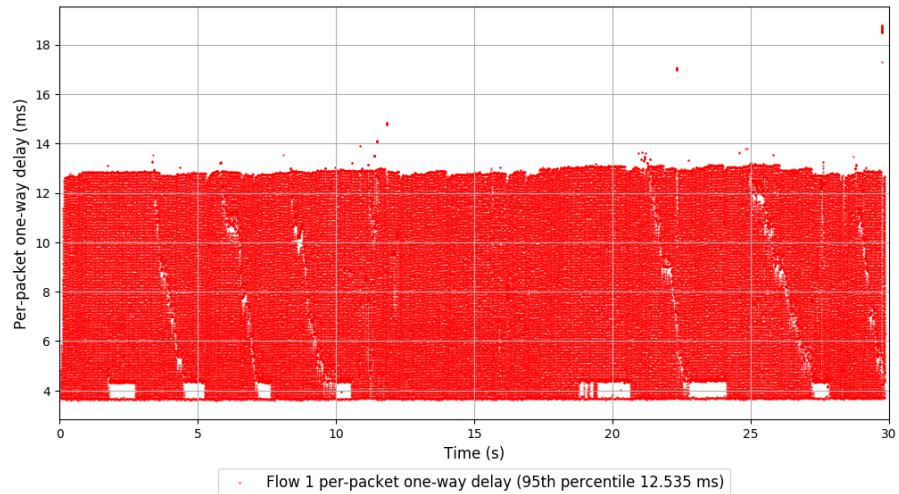
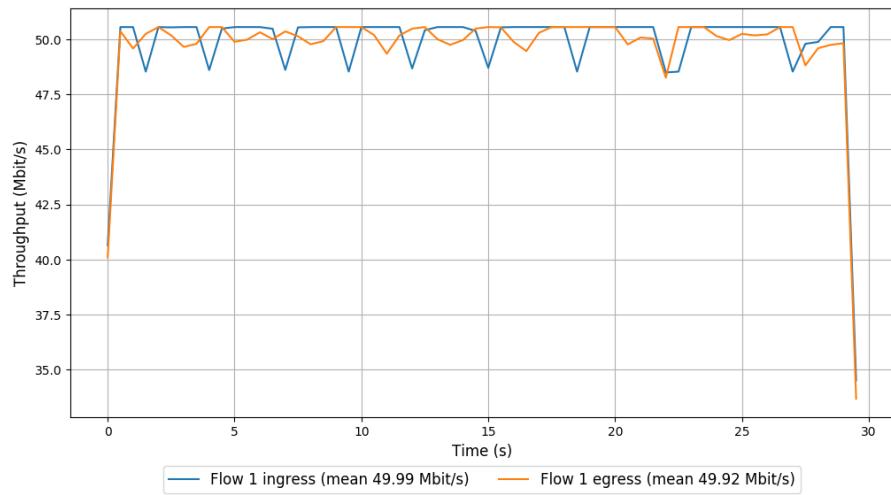


Run 10: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 12:42:18 +0000
End at: Wed, 05 Jul 2017 12:42:48 +0000
Local clock offset: -1.132 ms
Remote clock offset: 0.269 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:50:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 12.535 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 12.535 ms
Loss rate: 0.12%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 10:20:45 +0000

End at: Wed, 05 Jul 2017 10:21:15 +0000

Local clock offset: 0.107 ms

Remote clock offset: 0.078 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:50:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.69 Mbit/s

95th percentile per-packet one-way delay: 2.172 ms

Loss rate: 0.25%

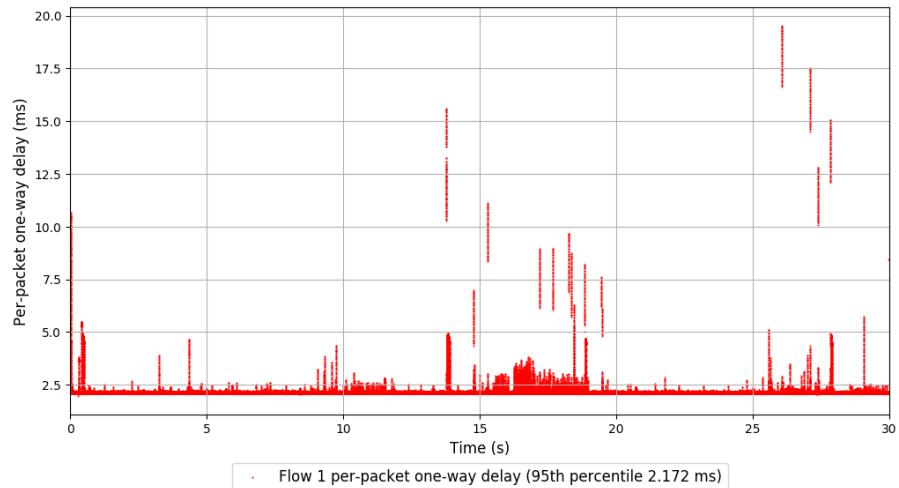
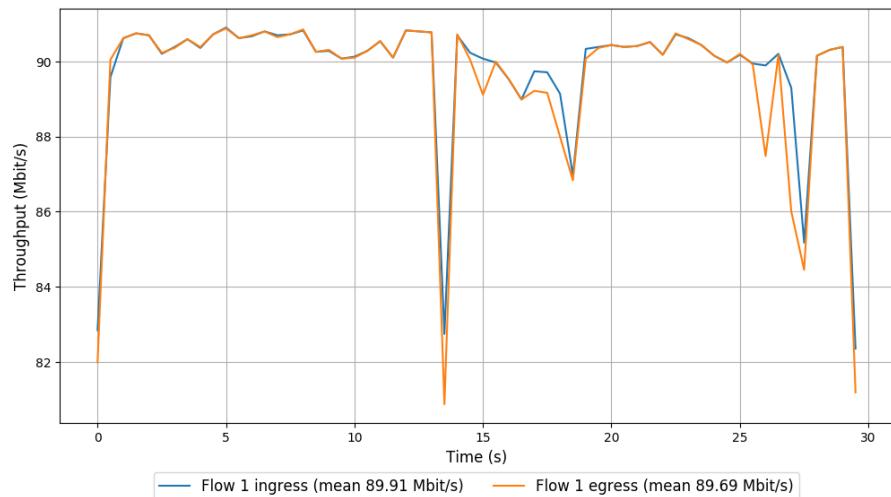
-- Flow 1:

Average throughput: 89.69 Mbit/s

95th percentile per-packet one-way delay: 2.172 ms

Loss rate: 0.25%

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

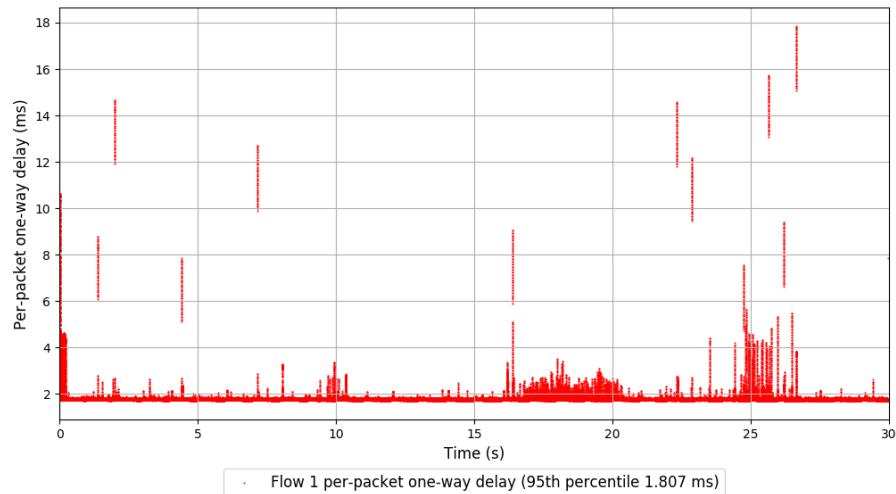
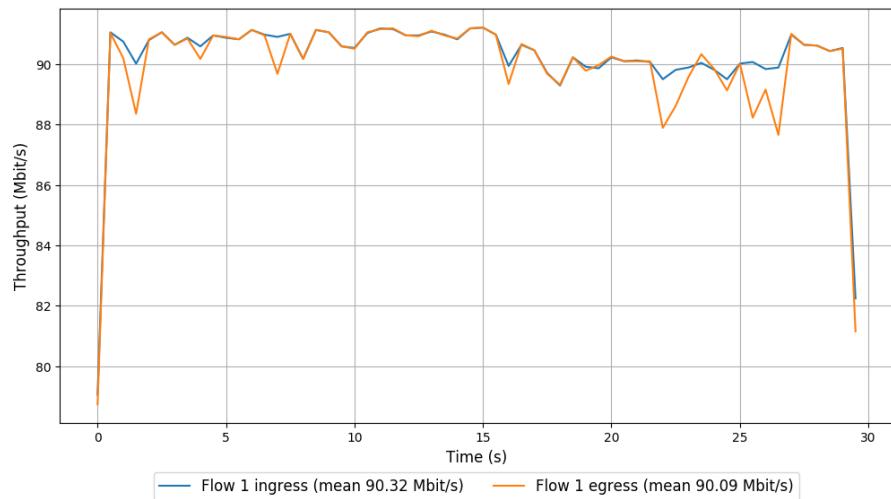


Run 2: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 10:37:43 +0000
End at: Wed, 05 Jul 2017 10:38:13 +0000
Local clock offset: 0.128 ms
Remote clock offset: -0.263 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:50:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 1.807 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 1.807 ms
Loss rate: 0.25%
```

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

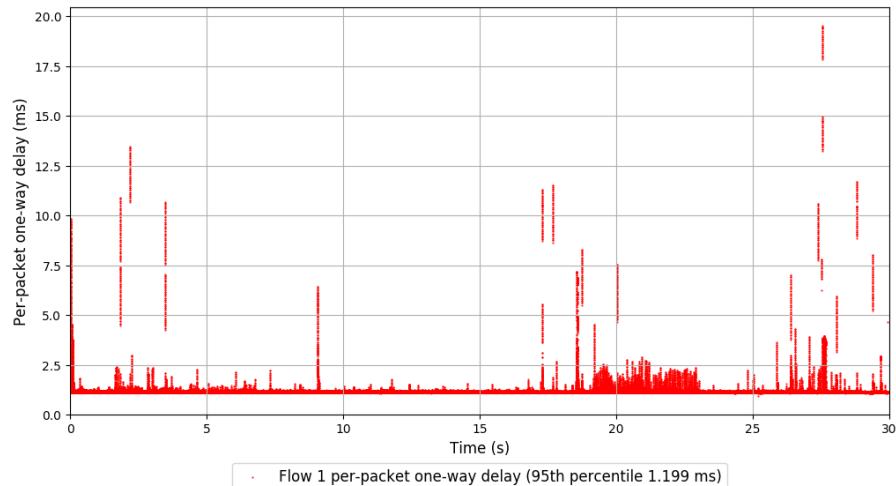
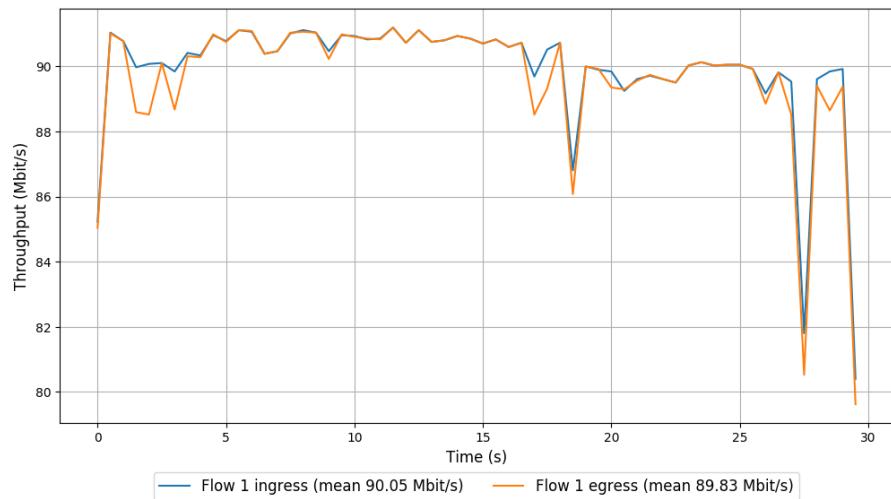


Run 3: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 10:54:41 +0000
End at: Wed, 05 Jul 2017 10:55:11 +0000
Local clock offset: -0.027 ms
Remote clock offset: -1.012 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:51:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.25%
```

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



Run 4: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 11:11:45 +0000

End at: Wed, 05 Jul 2017 11:12:15 +0000

Local clock offset: -0.317 ms

Remote clock offset: -2.016 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:51:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.09 Mbit/s

95th percentile per-packet one-way delay: 0.428 ms

Loss rate: 0.10%

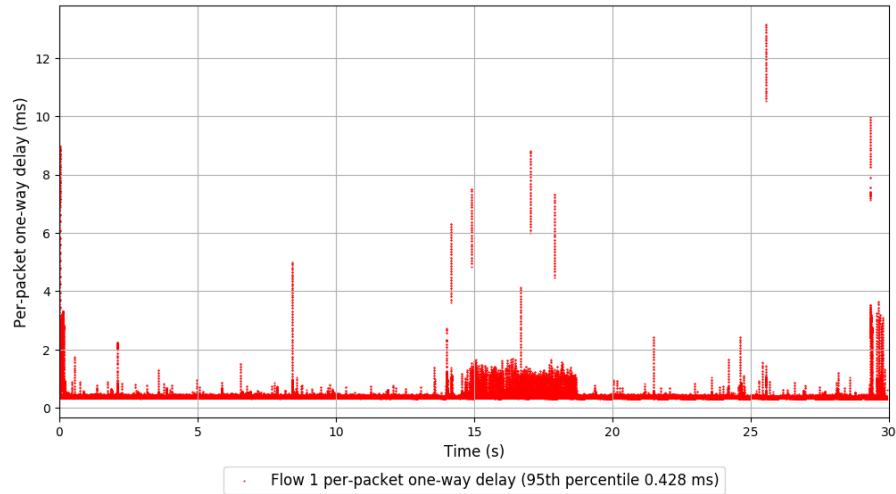
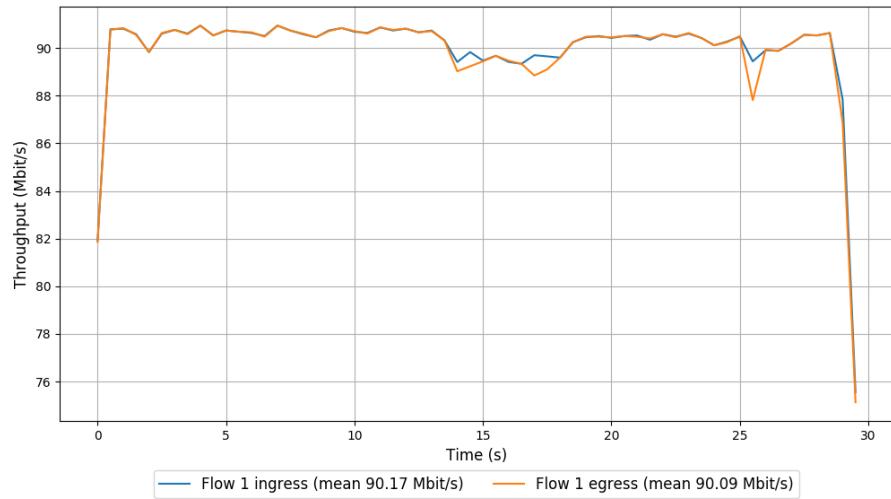
-- Flow 1:

Average throughput: 90.09 Mbit/s

95th percentile per-packet one-way delay: 0.428 ms

Loss rate: 0.10%

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

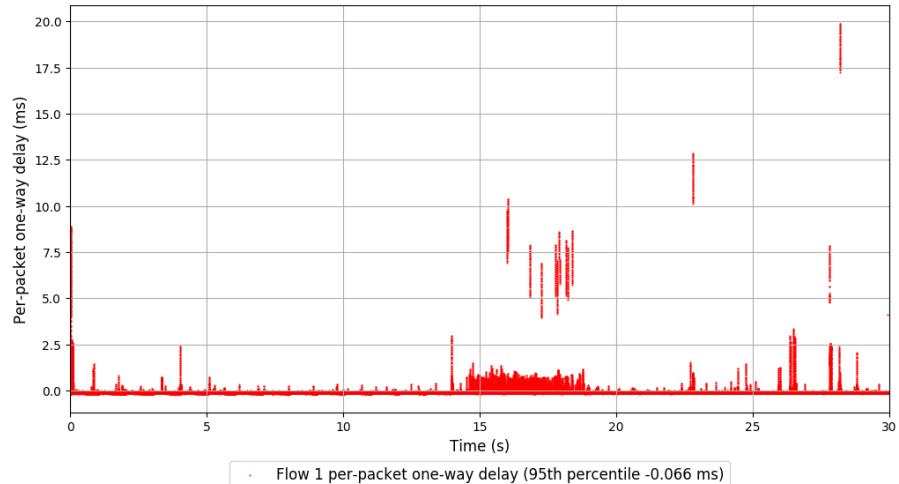
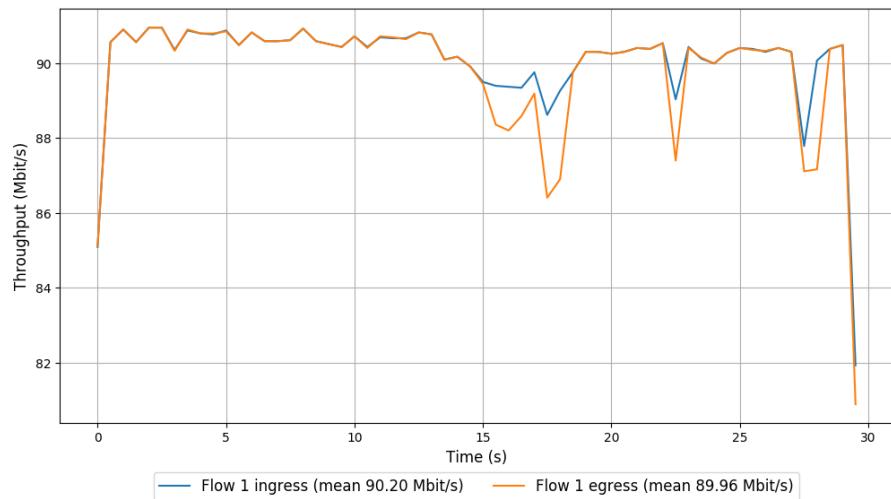


Run 5: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 11:28:45 +0000
End at: Wed, 05 Jul 2017 11:29:15 +0000
Local clock offset: -0.311 ms
Remote clock offset: -2.564 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:51:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.96 Mbit/s
95th percentile per-packet one-way delay: -0.066 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 89.96 Mbit/s
95th percentile per-packet one-way delay: -0.066 ms
Loss rate: 0.27%
```

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

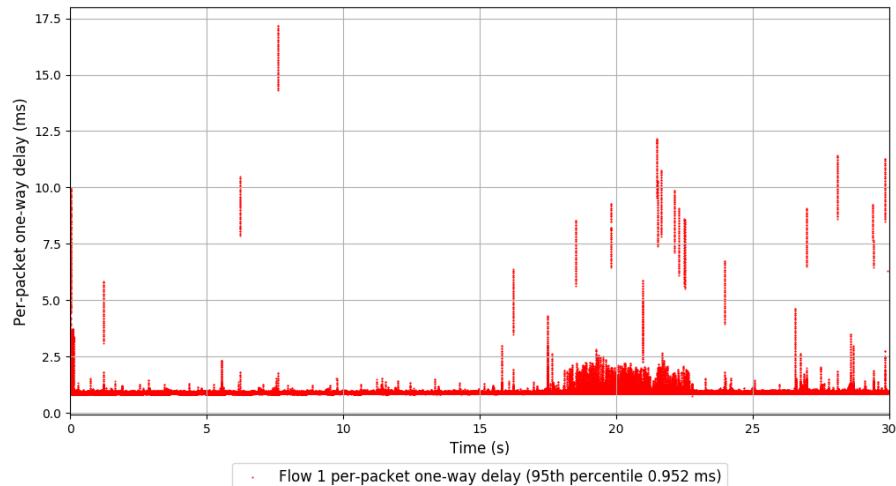
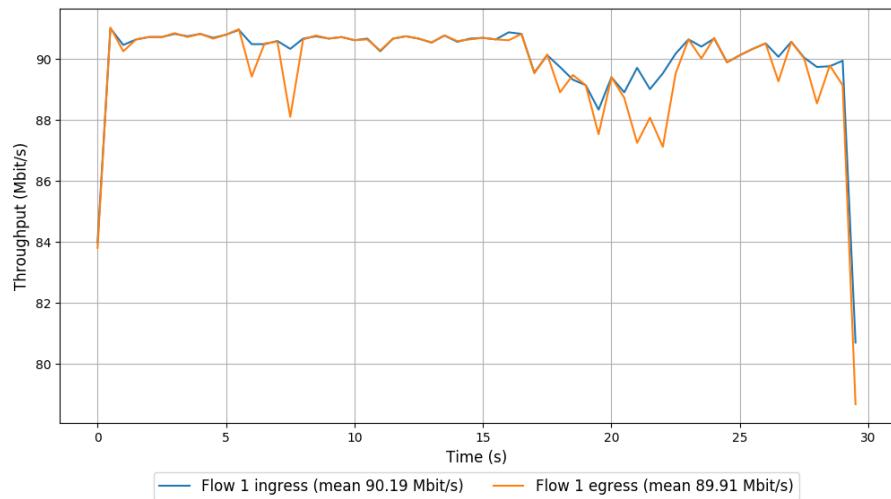


Run 6: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 11:45:42 +0000
End at: Wed, 05 Jul 2017 11:46:12 +0000
Local clock offset: -0.582 ms
Remote clock offset: -1.921 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:51:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 0.952 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 0.952 ms
Loss rate: 0.32%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 12:02:39 +0000

End at: Wed, 05 Jul 2017 12:03:09 +0000

Local clock offset: -0.716 ms

Remote clock offset: -1.021 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:51:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.20 Mbit/s

95th percentile per-packet one-way delay: 1.934 ms

Loss rate: 0.11%

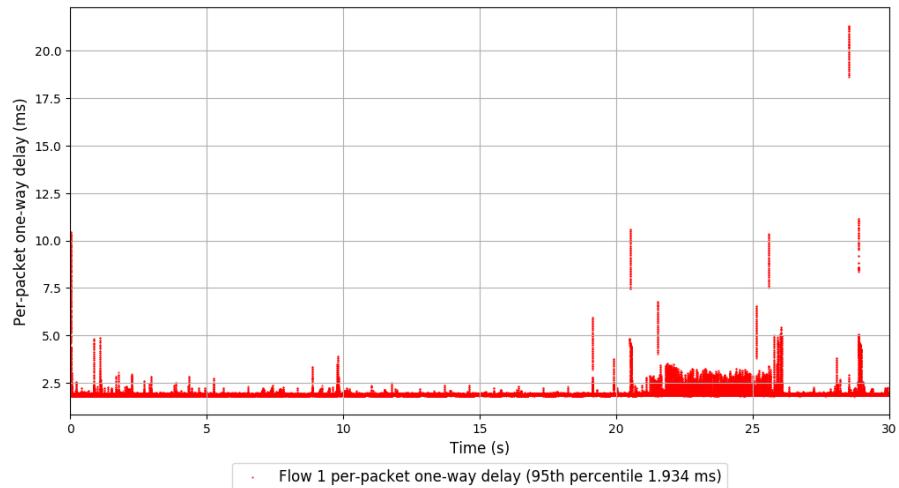
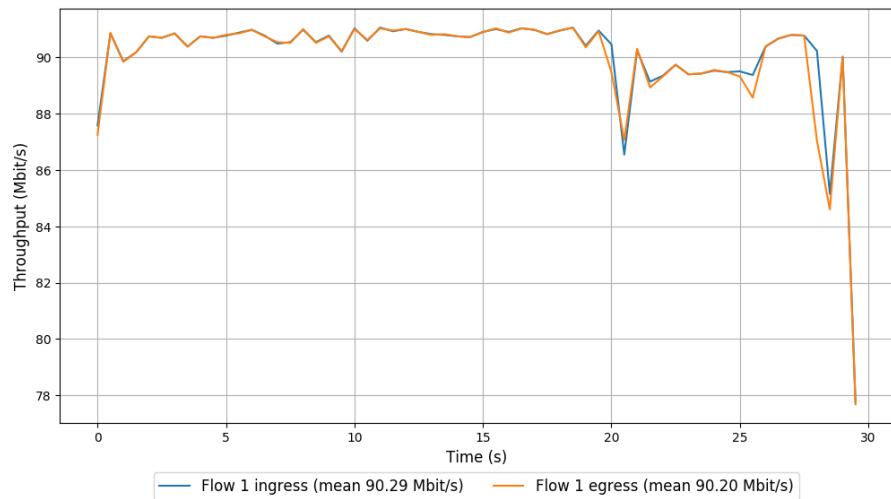
-- Flow 1:

Average throughput: 90.20 Mbit/s

95th percentile per-packet one-way delay: 1.934 ms

Loss rate: 0.11%

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

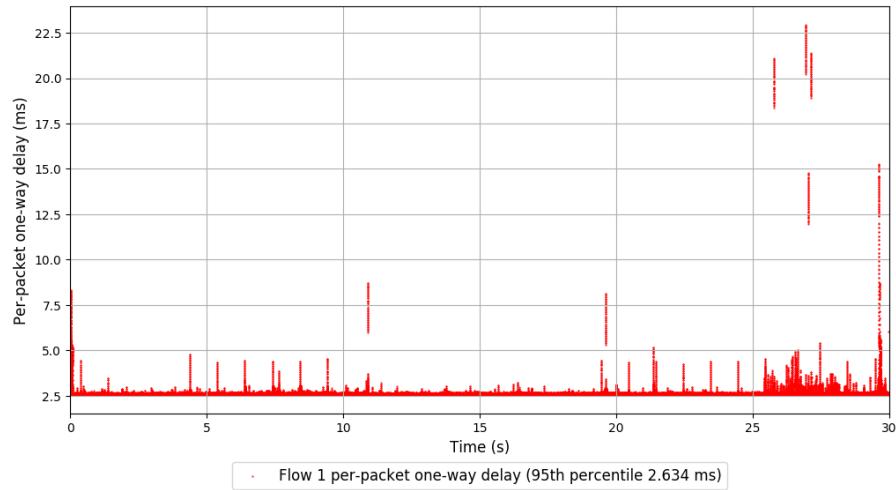
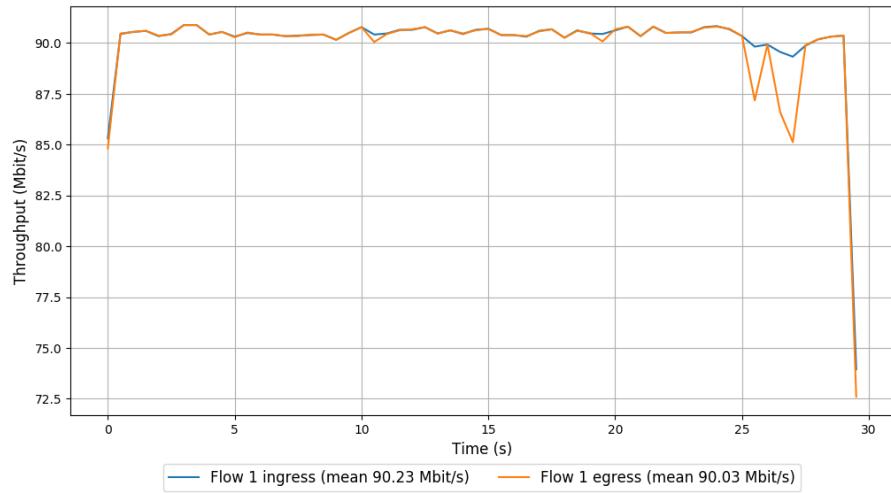


Run 8: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 12:19:30 +0000
End at: Wed, 05 Jul 2017 12:20:00 +0000
Local clock offset: -0.897 ms
Remote clock offset: -0.524 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:51:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.03 Mbit/s
95th percentile per-packet one-way delay: 2.634 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 90.03 Mbit/s
95th percentile per-packet one-way delay: 2.634 ms
Loss rate: 0.23%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 12:36:27 +0000

End at: Wed, 05 Jul 2017 12:36:57 +0000

Local clock offset: -1.124 ms

Remote clock offset: 0.039 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.76 Mbit/s

95th percentile per-packet one-way delay: 3.342 ms

Loss rate: 0.28%

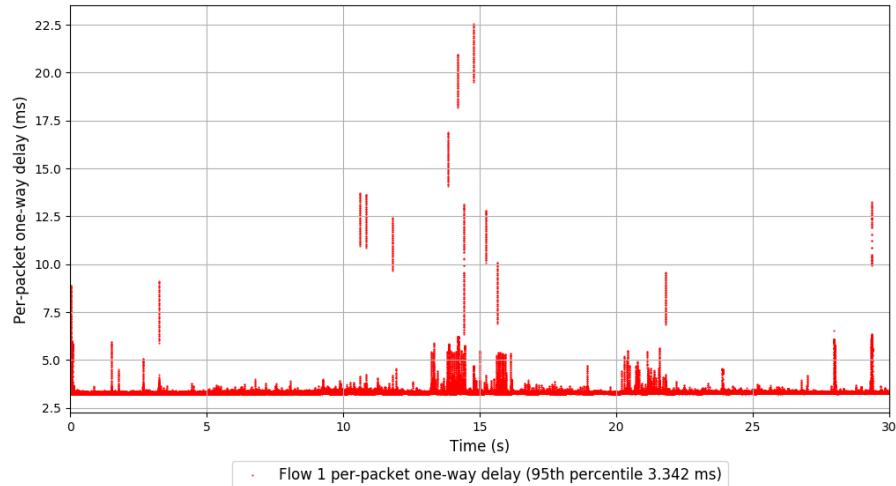
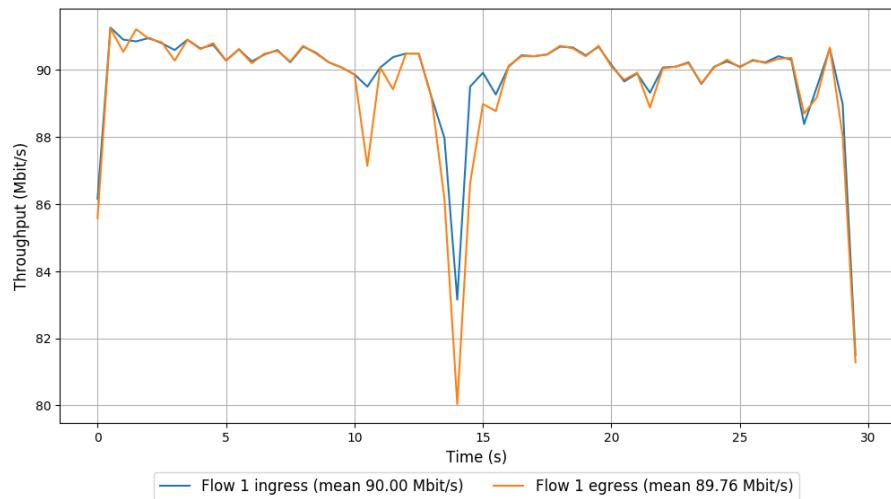
-- Flow 1:

Average throughput: 89.76 Mbit/s

95th percentile per-packet one-way delay: 3.342 ms

Loss rate: 0.28%

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



Run 10: Statistics of TaoVA-100x

Start at: Wed, 05 Jul 2017 12:53:30 +0000

End at: Wed, 05 Jul 2017 12:54:00 +0000

Local clock offset: -1.135 ms

Remote clock offset: 0.841 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.68 Mbit/s

95th percentile per-packet one-way delay: 4.149 ms

Loss rate: 0.12%

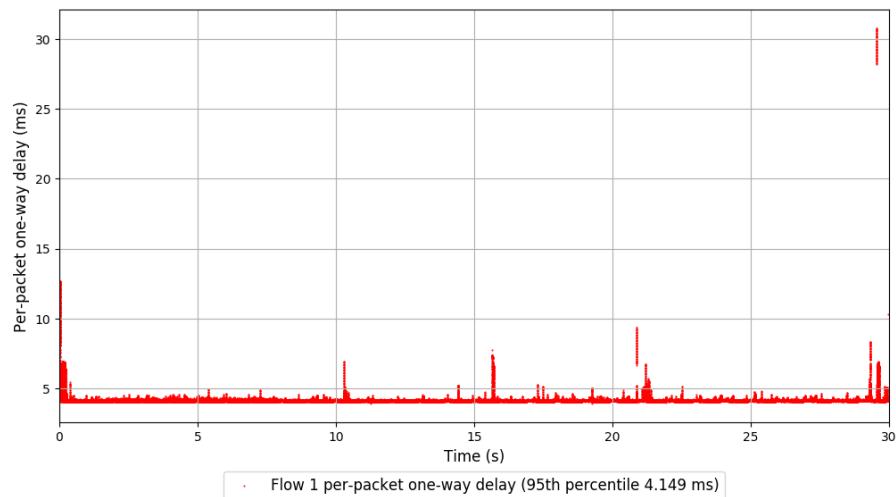
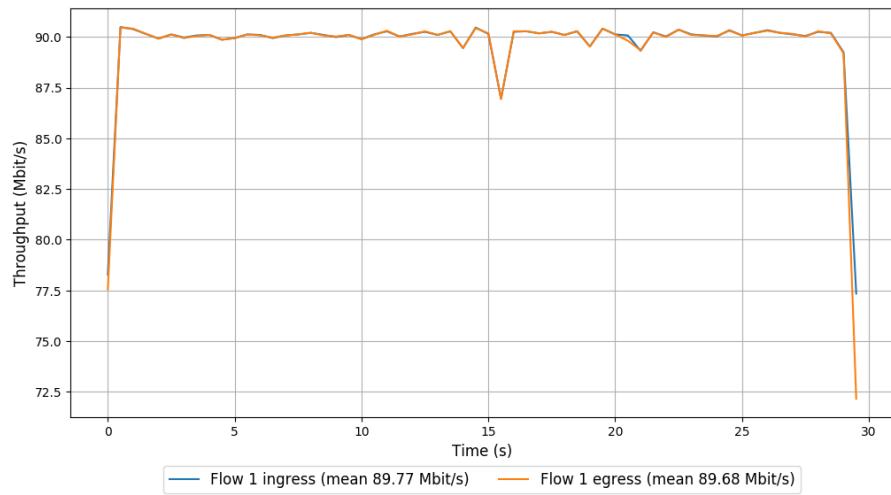
-- Flow 1:

Average throughput: 89.68 Mbit/s

95th percentile per-packet one-way delay: 4.149 ms

Loss rate: 0.12%

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

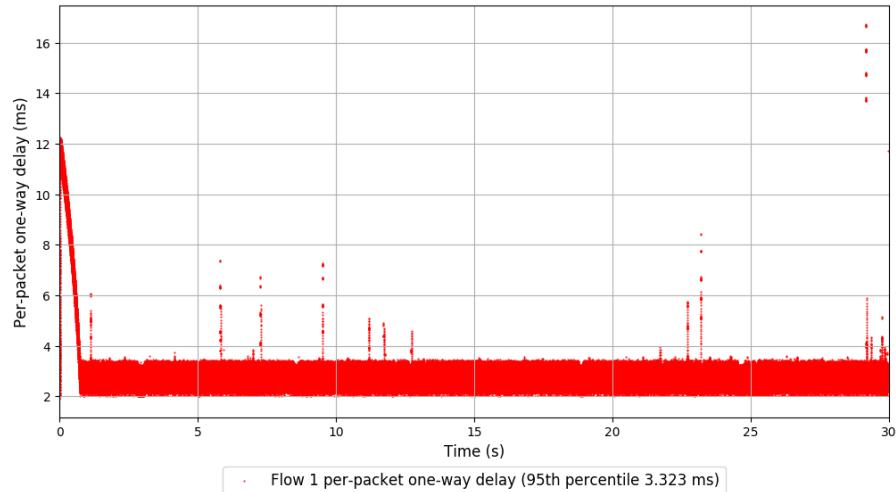
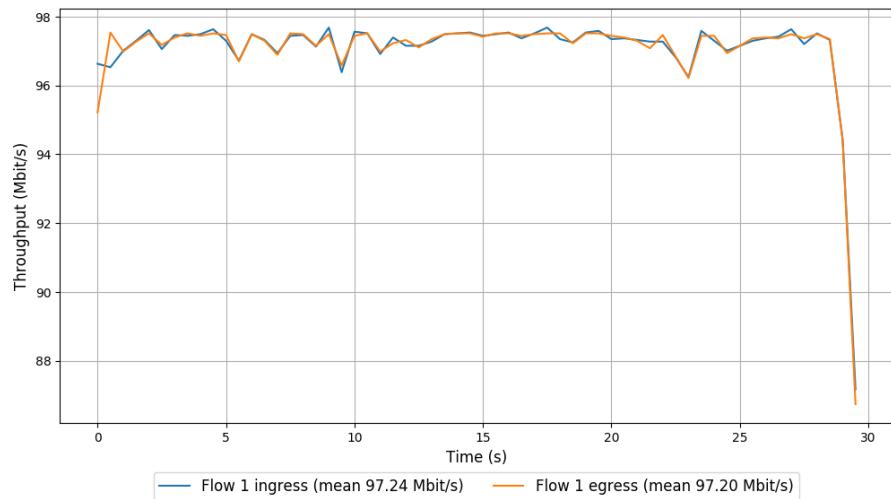


Run 1: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 10:15:09 +0000
End at: Wed, 05 Jul 2017 10:15:39 +0000
Local clock offset: 0.12 ms
Remote clock offset: 0.019 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 3.323 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 3.323 ms
Loss rate: 0.02%
```

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

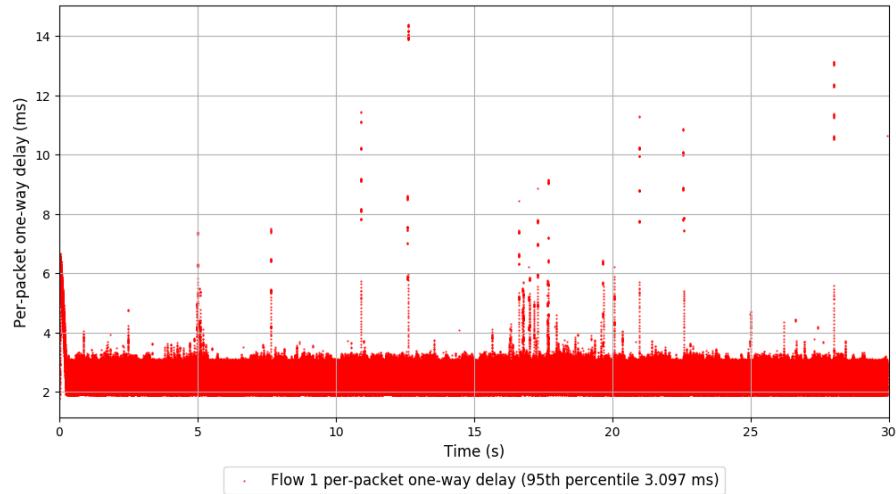
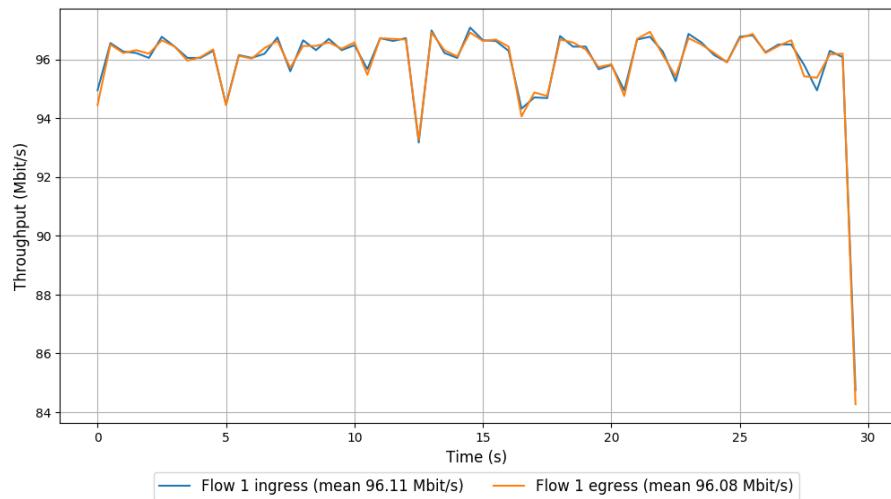


Run 2: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 10:32:07 +0000
End at: Wed, 05 Jul 2017 10:32:37 +0000
Local clock offset: 0.167 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 3.097 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 3.097 ms
Loss rate: 0.02%
```

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

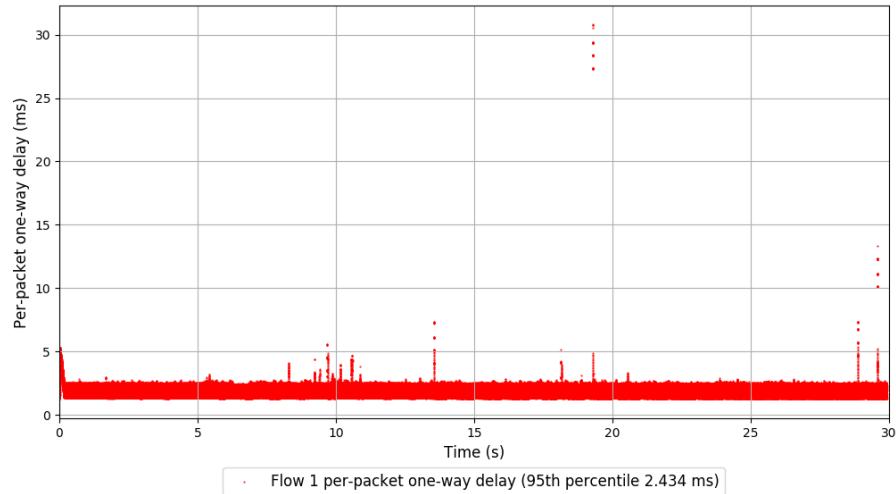
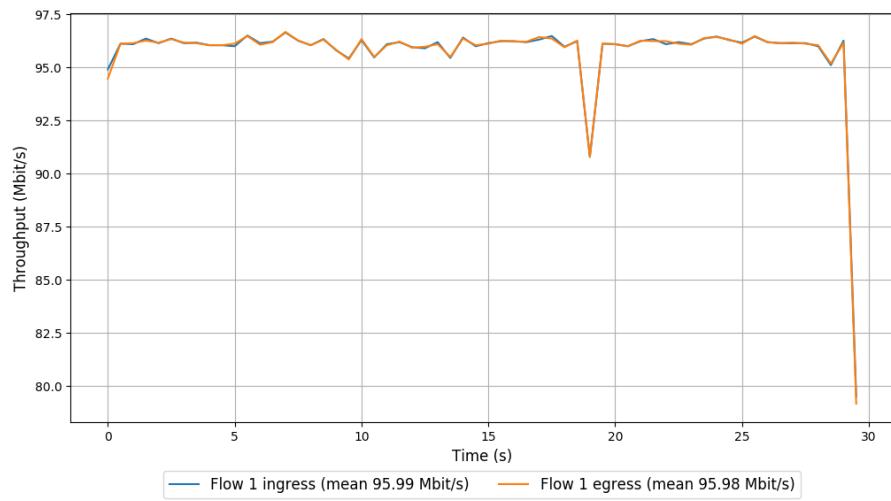


Run 3: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 10:49:05 +0000
End at: Wed, 05 Jul 2017 10:49:35 +0000
Local clock offset: 0.094 ms
Remote clock offset: -0.743 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 0.01%
```

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

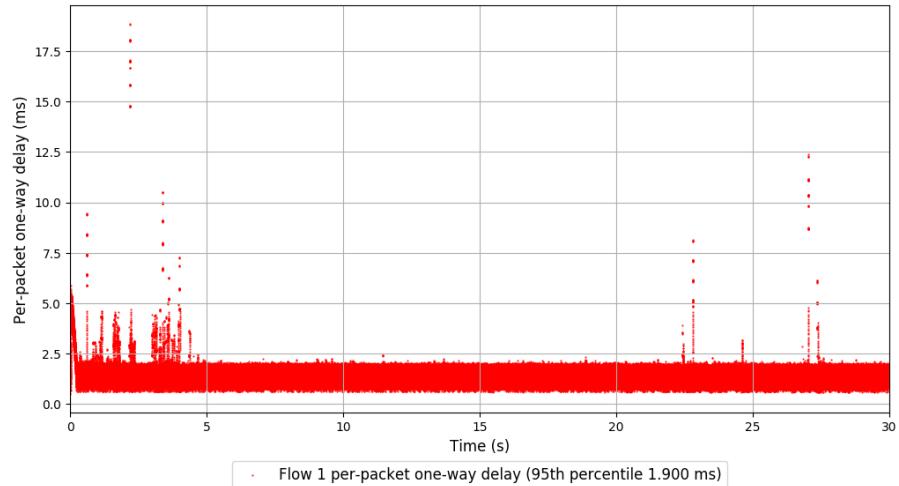
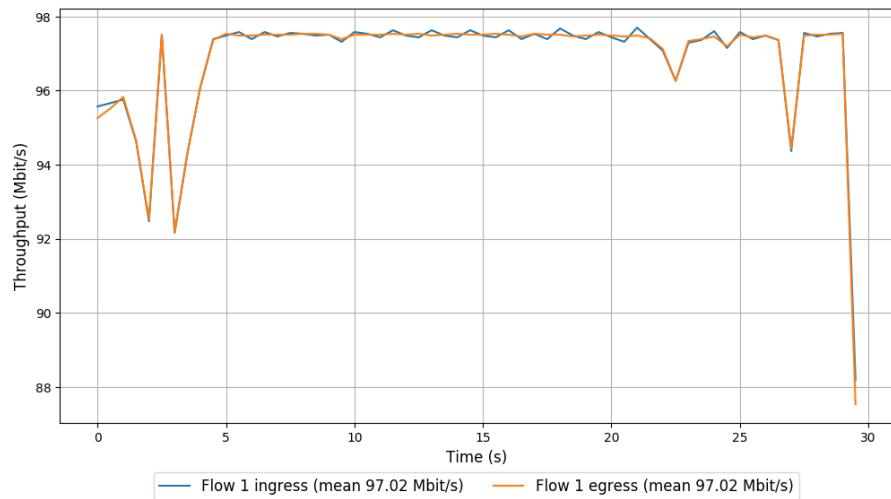


Run 4: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 11:06:10 +0000
End at: Wed, 05 Jul 2017 11:06:40 +0000
Local clock offset: -0.181 ms
Remote clock offset: -1.679 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 1.900 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 1.900 ms
Loss rate: 0.02%
```

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

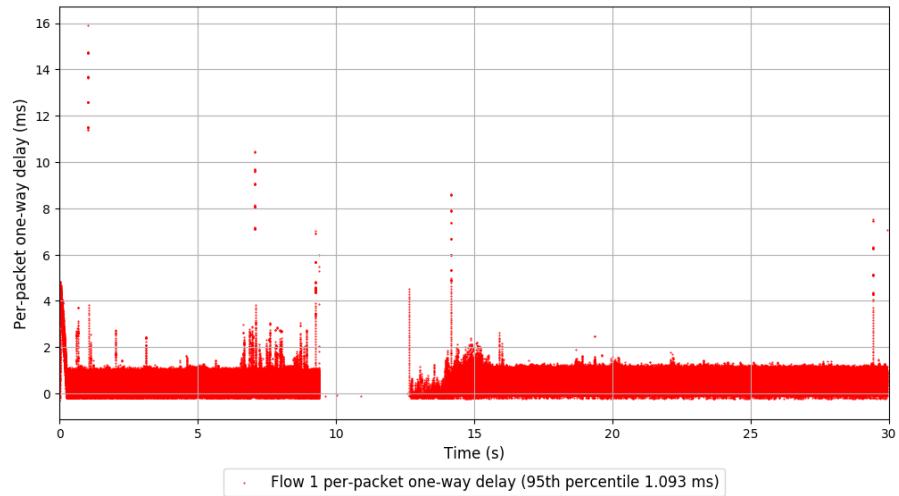
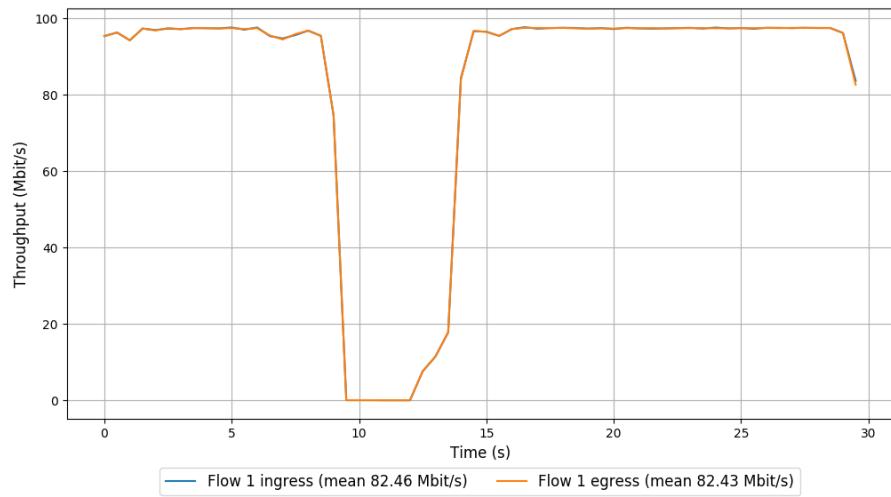


Run 5: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 11:23:10 +0000
End at: Wed, 05 Jul 2017 11:23:41 +0000
Local clock offset: -0.186 ms
Remote clock offset: -2.563 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.43 Mbit/s
95th percentile per-packet one-way delay: 1.093 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.43 Mbit/s
95th percentile per-packet one-way delay: 1.093 ms
Loss rate: 0.02%
```

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

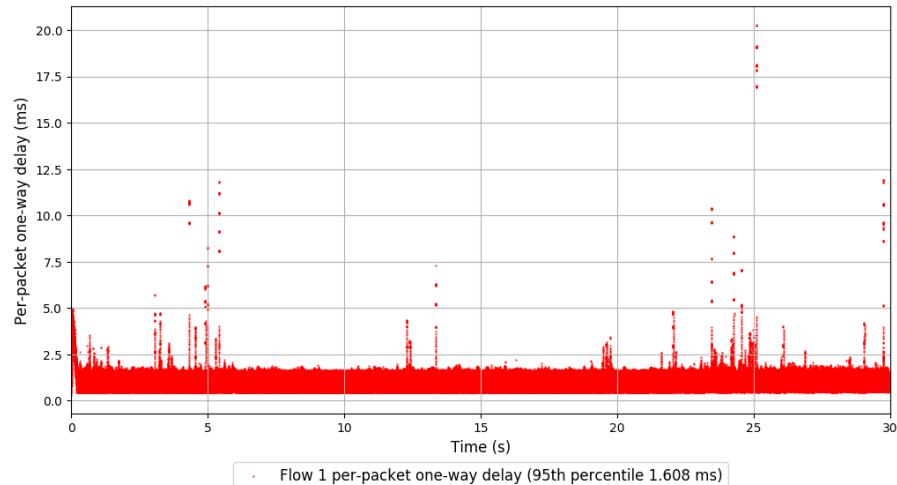
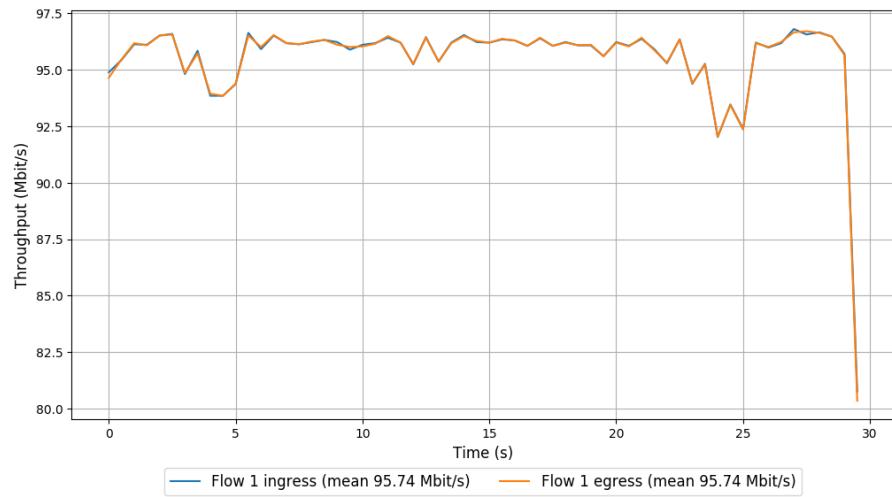


Run 6: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 11:40:06 +0000
End at: Wed, 05 Jul 2017 11:40:36 +0000
Local clock offset: -0.43 ms
Remote clock offset: -2.1 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 1.608 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 1.608 ms
Loss rate: 0.01%
```

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

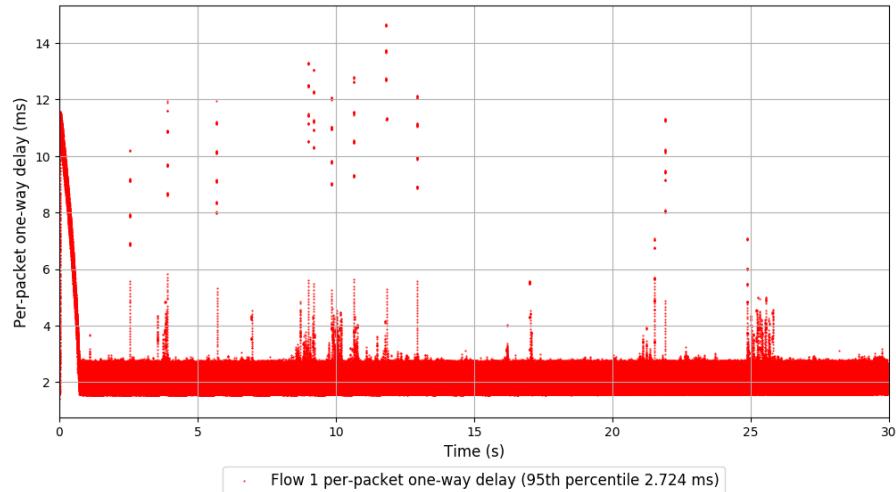
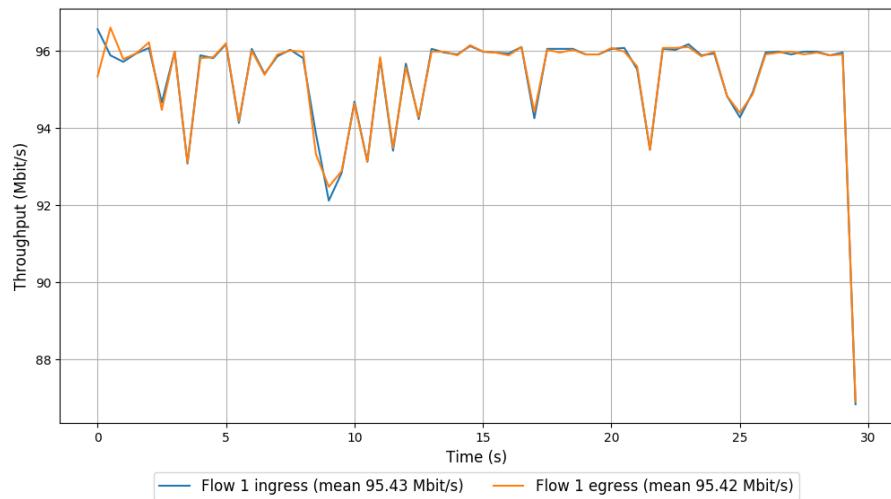


Run 7: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 11:57:03 +0000
End at: Wed, 05 Jul 2017 11:57:33 +0000
Local clock offset: -0.702 ms
Remote clock offset: -1.257 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:52:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 2.724 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 2.724 ms
Loss rate: 0.01%
```

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

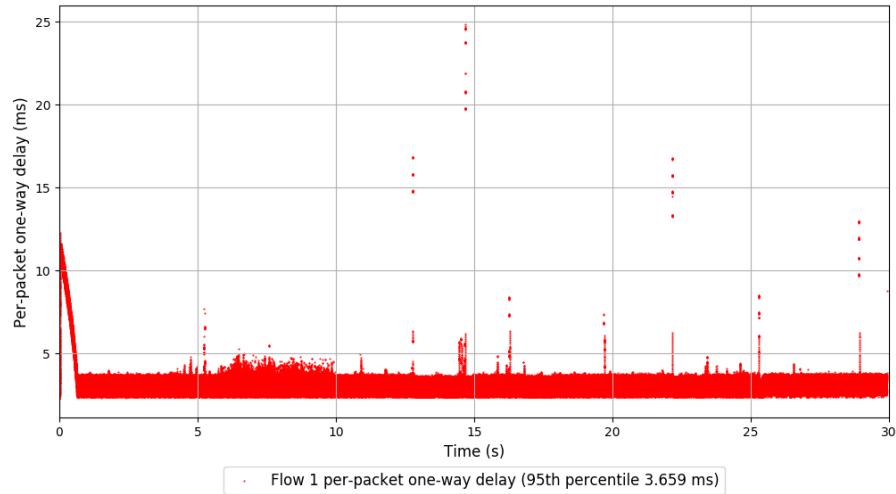
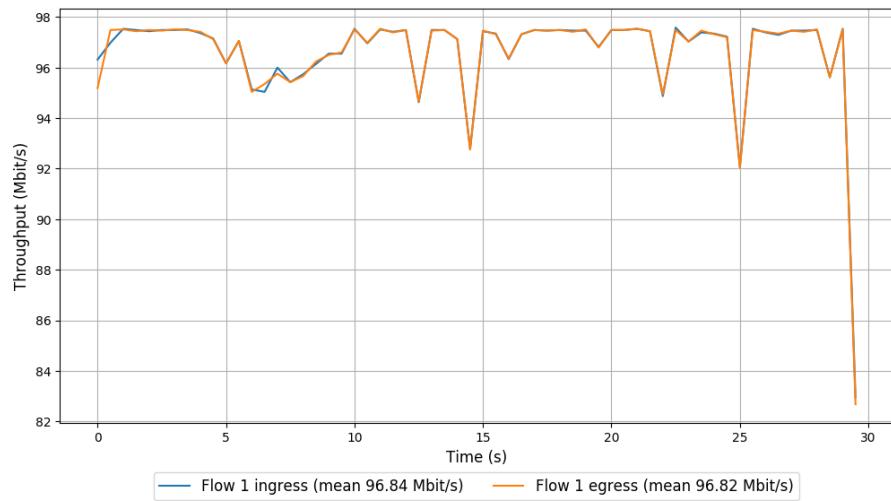


Run 8: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 12:13:54 +0000
End at: Wed, 05 Jul 2017 12:14:24 +0000
Local clock offset: -0.841 ms
Remote clock offset: -0.601 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 3.659 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 3.659 ms
Loss rate: 0.02%
```

Run 8: Report of TCP Vegas — Data Link

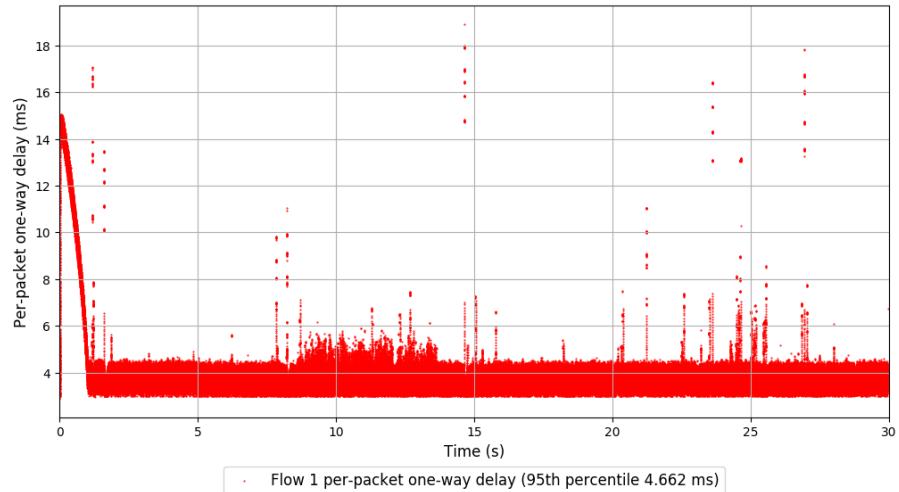
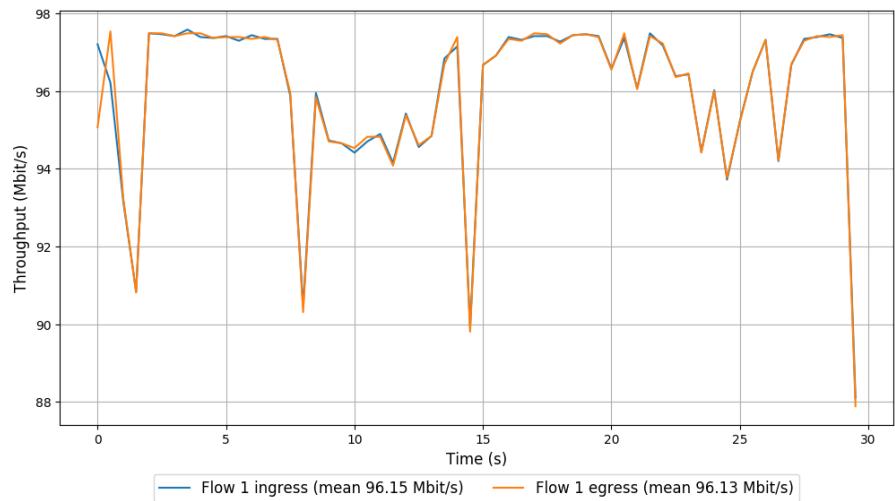


Run 9: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 12:30:51 +0000
End at: Wed, 05 Jul 2017 12:31:21 +0000
Local clock offset: -0.977 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 4.662 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 4.662 ms
Loss rate: 0.02%
```

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

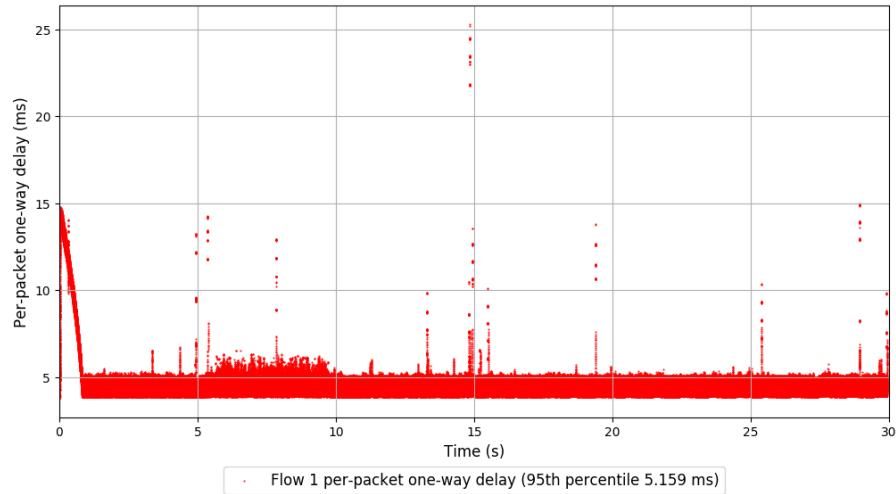
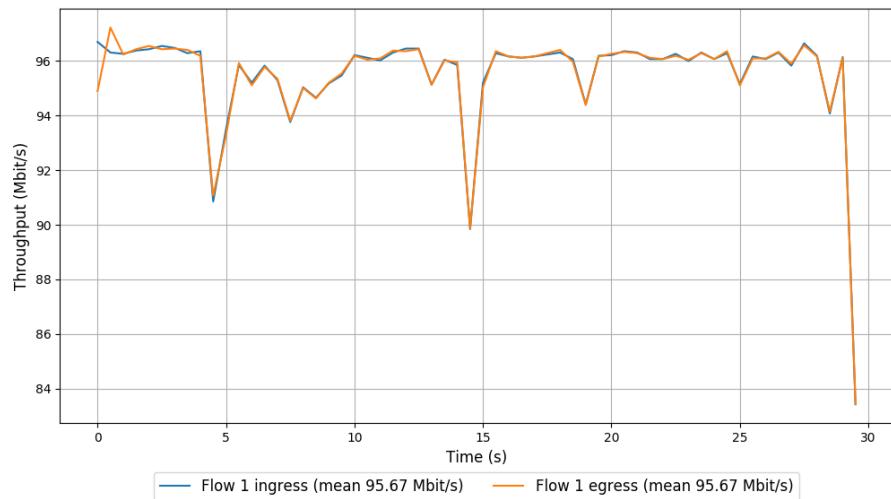


Run 10: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 12:47:55 +0000
End at: Wed, 05 Jul 2017 12:48:25 +0000
Local clock offset: -1.216 ms
Remote clock offset: 0.559 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 5.159 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 5.159 ms
Loss rate: 0.02%
```

Run 10: Report of TCP Vegas — Data Link

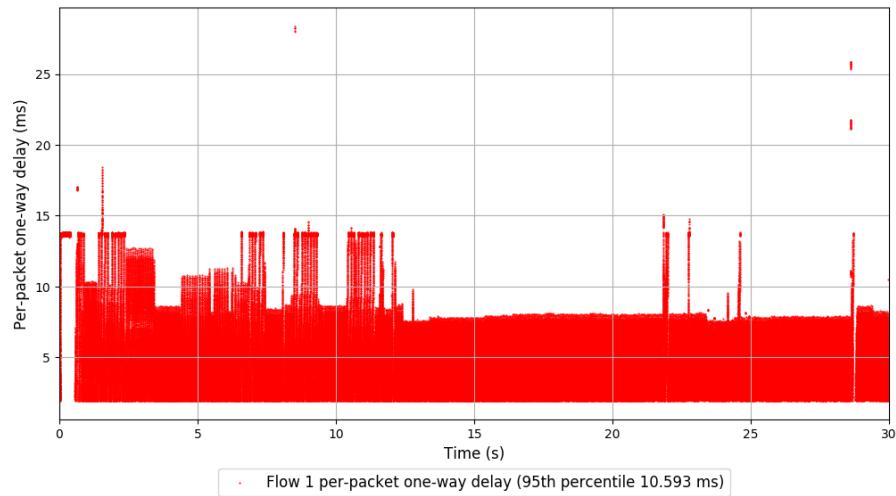
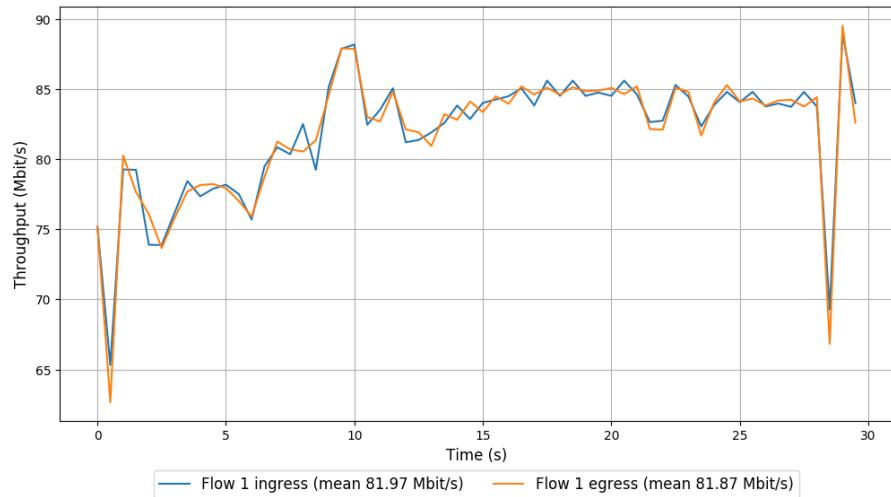


Run 1: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 10:10:38 +0000
End at: Wed, 05 Jul 2017 10:11:08 +0000
Local clock offset: 0.047 ms
Remote clock offset: -0.111 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.87 Mbit/s
95th percentile per-packet one-way delay: 10.593 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 81.87 Mbit/s
95th percentile per-packet one-way delay: 10.593 ms
Loss rate: 0.13%
```

## Run 1: Report of Verus — Data Link

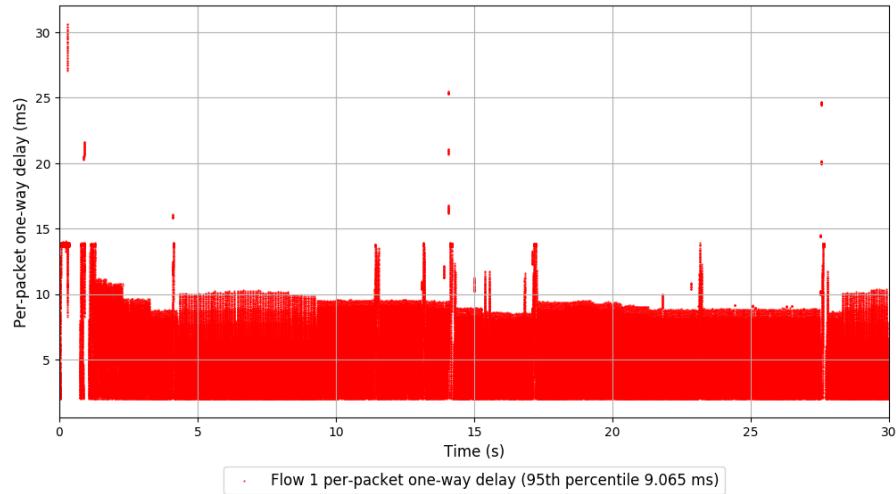
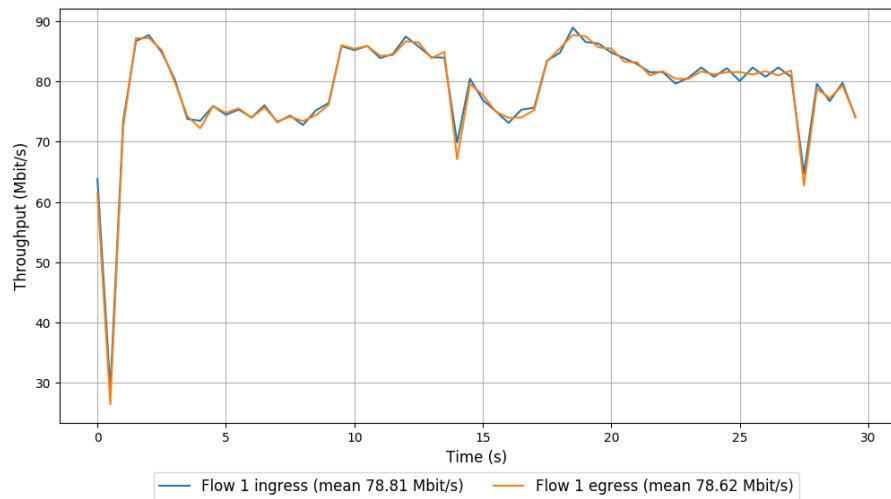


Run 2: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 10:27:36 +0000
End at: Wed, 05 Jul 2017 10:28:06 +0000
Local clock offset: 0.138 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.62 Mbit/s
95th percentile per-packet one-way delay: 9.065 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 78.62 Mbit/s
95th percentile per-packet one-way delay: 9.065 ms
Loss rate: 0.25%
```

## Run 2: Report of Verus — Data Link

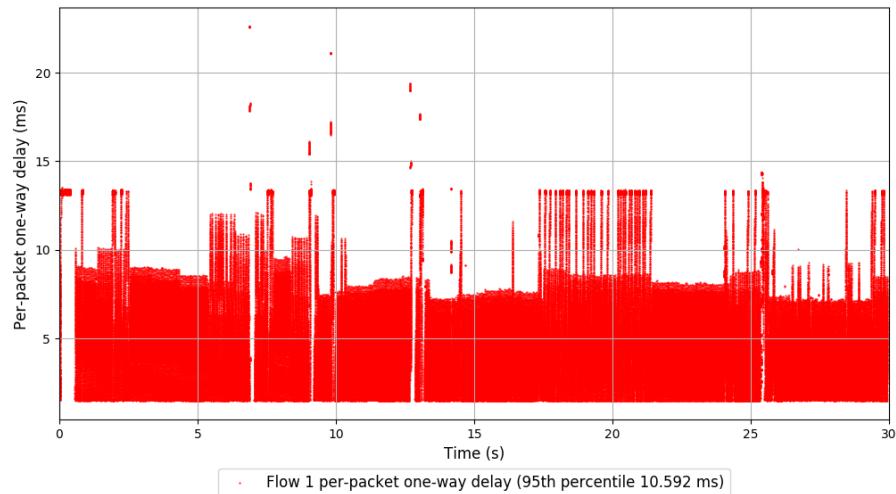
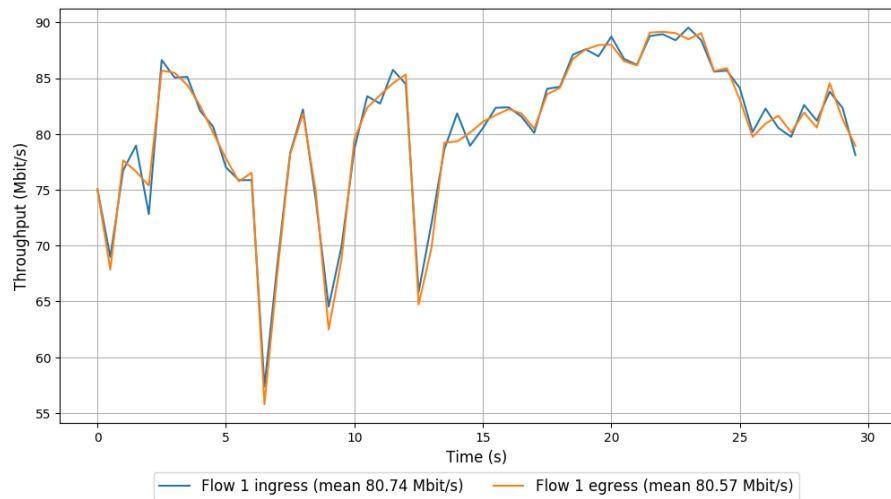


Run 3: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 10:44:34 +0000
End at: Wed, 05 Jul 2017 10:45:04 +0000
Local clock offset: 0.105 ms
Remote clock offset: -0.495 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.57 Mbit/s
95th percentile per-packet one-way delay: 10.592 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 80.57 Mbit/s
95th percentile per-packet one-way delay: 10.592 ms
Loss rate: 0.22%
```

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

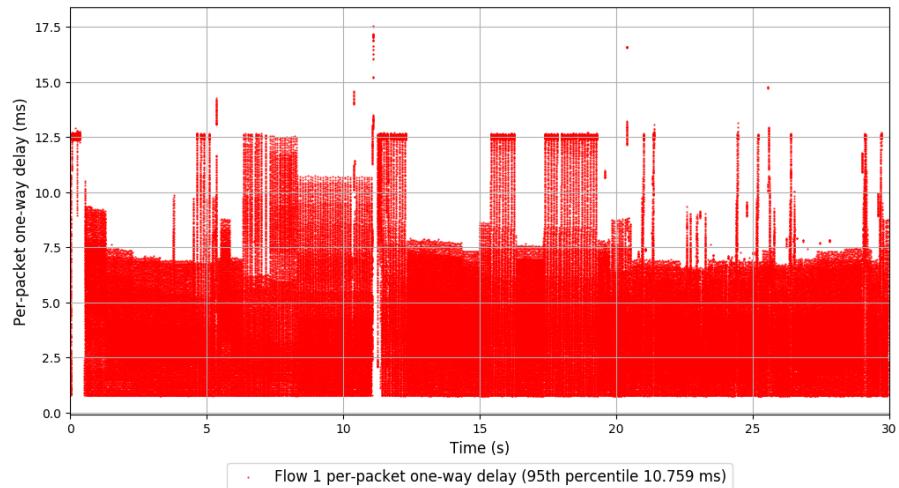
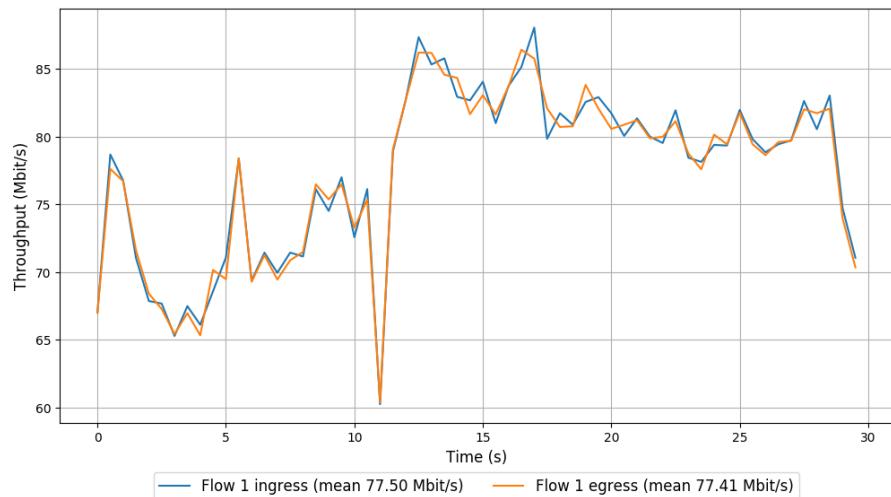


Run 4: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 11:01:39 +0000
End at: Wed, 05 Jul 2017 11:02:09 +0000
Local clock offset: -0.105 ms
Remote clock offset: -1.329 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.41 Mbit/s
95th percentile per-packet one-way delay: 10.759 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 77.41 Mbit/s
95th percentile per-packet one-way delay: 10.759 ms
Loss rate: 0.12%
```

## Run 4: Report of Verus — Data Link

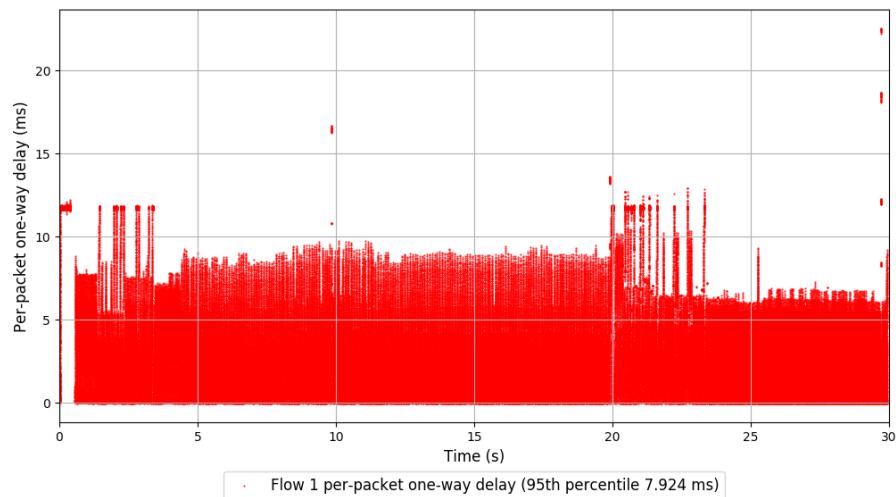
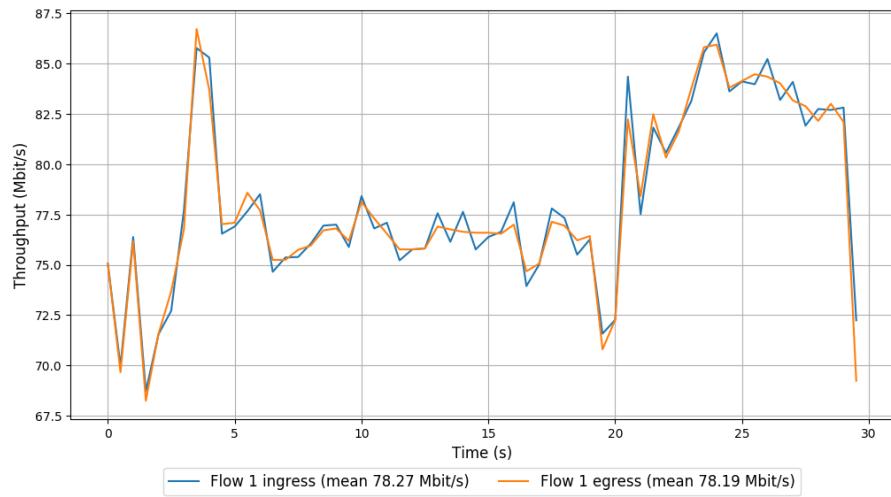


Run 5: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 11:18:40 +0000
End at: Wed, 05 Jul 2017 11:19:10 +0000
Local clock offset: -0.217 ms
Remote clock offset: -2.313 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.19 Mbit/s
95th percentile per-packet one-way delay: 7.924 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 78.19 Mbit/s
95th percentile per-packet one-way delay: 7.924 ms
Loss rate: 0.11%
```

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

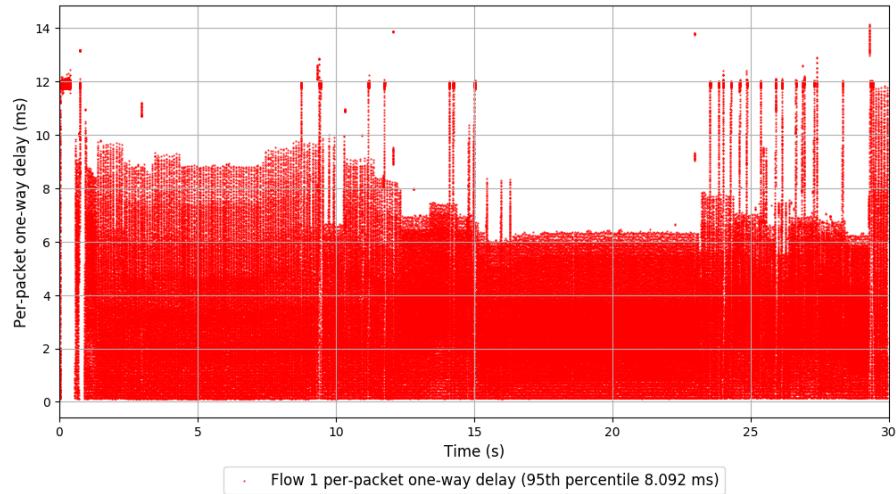
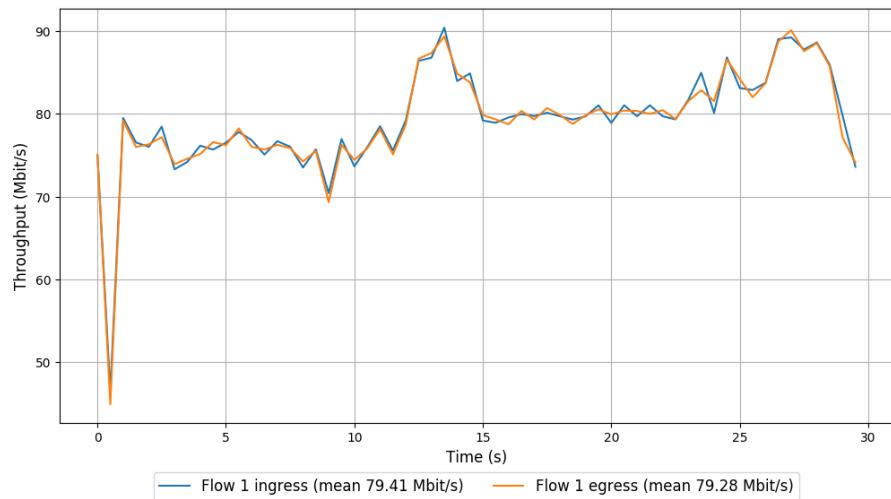


Run 6: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 11:35:35 +0000
End at: Wed, 05 Jul 2017 11:36:05 +0000
Local clock offset: -0.389 ms
Remote clock offset: -2.384 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 8.092 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 8.092 ms
Loss rate: 0.16%
```

## Run 6: Report of Verus — Data Link

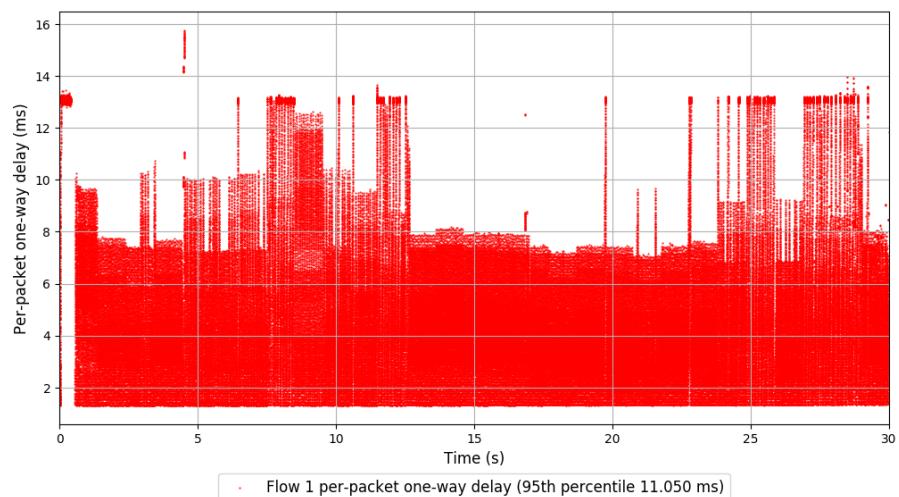
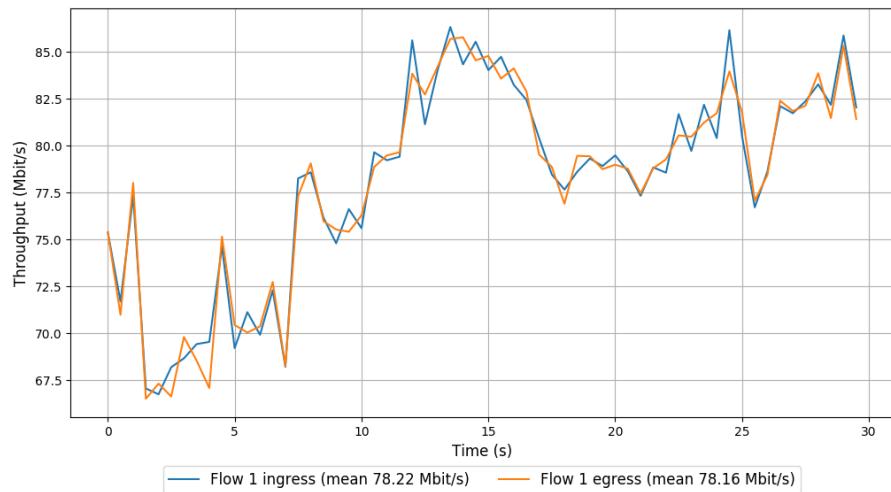


Run 7: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 11:52:32 +0000
End at: Wed, 05 Jul 2017 11:53:02 +0000
Local clock offset: -0.642 ms
Remote clock offset: -1.496 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:53:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.16 Mbit/s
95th percentile per-packet one-way delay: 11.050 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 78.16 Mbit/s
95th percentile per-packet one-way delay: 11.050 ms
Loss rate: 0.09%
```

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

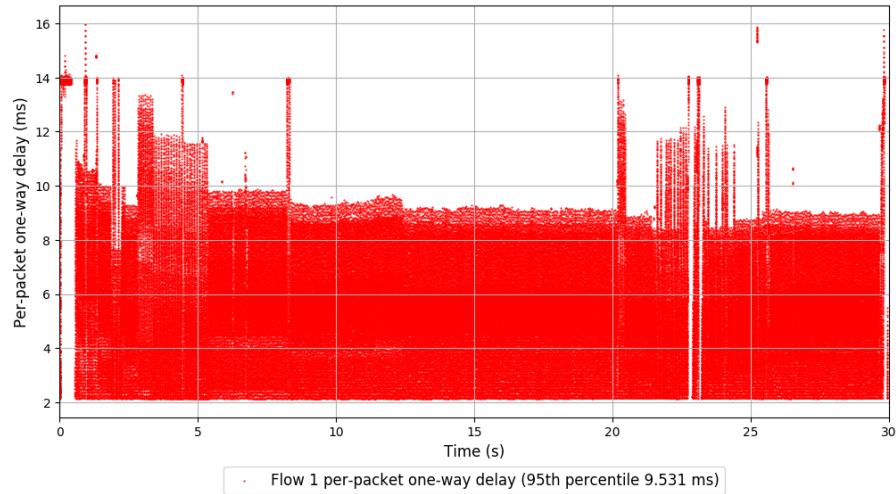
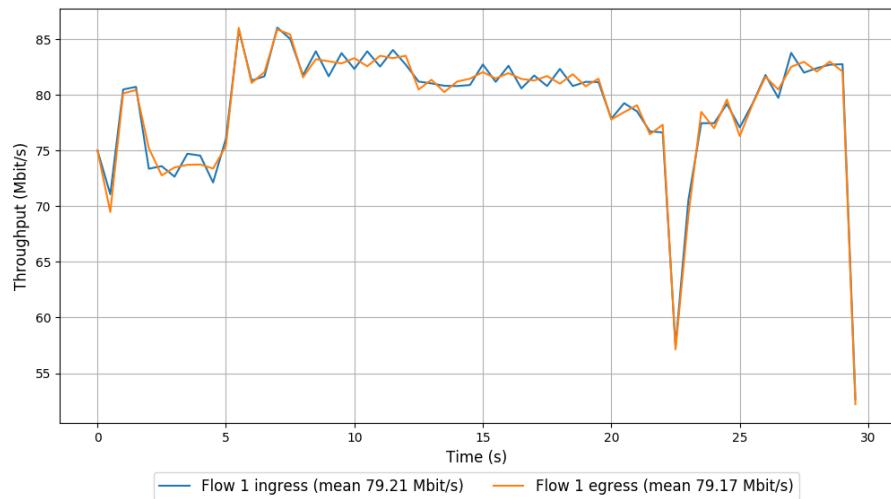


Run 8: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 12:09:23 +0000
End at: Wed, 05 Jul 2017 12:09:53 +0000
Local clock offset: -0.782 ms
Remote clock offset: -0.739 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 9.531 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 9.531 ms
Loss rate: 0.07%
```

## Run 8: Report of Verus — Data Link

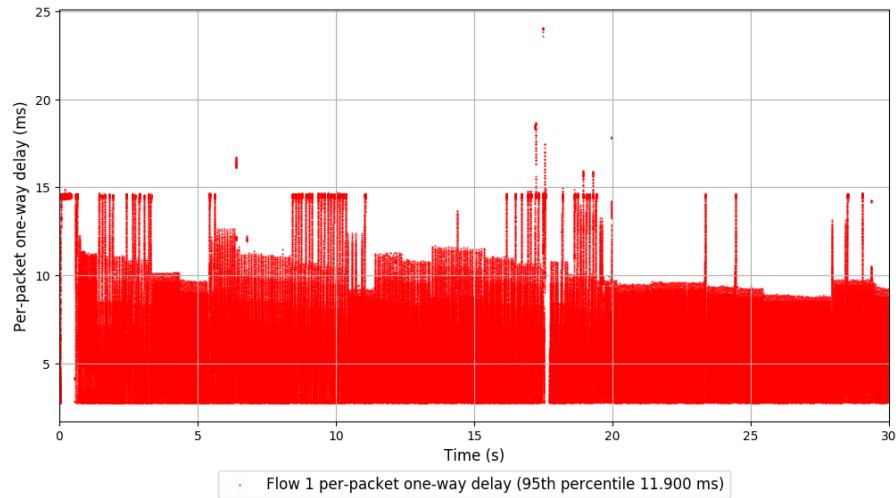
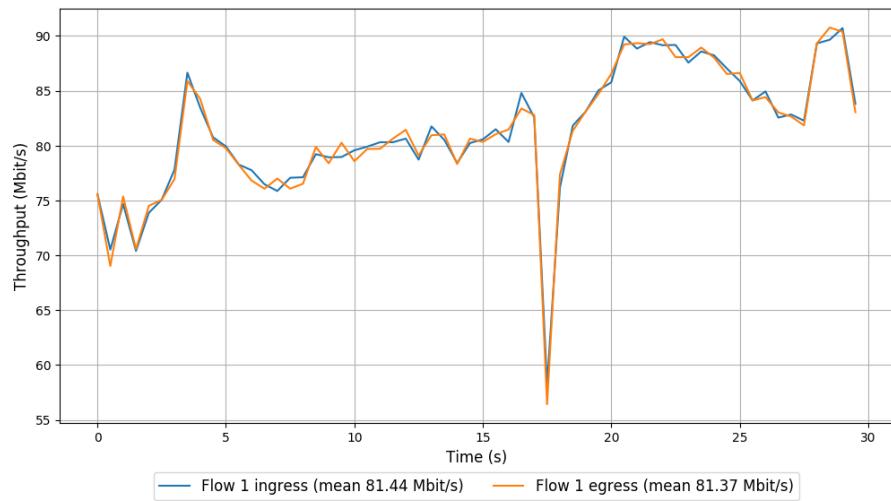


Run 9: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 12:26:21 +0000
End at: Wed, 05 Jul 2017 12:26:51 +0000
Local clock offset: -1.049 ms
Remote clock offset: -0.455 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.37 Mbit/s
95th percentile per-packet one-way delay: 11.900 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 81.37 Mbit/s
95th percentile per-packet one-way delay: 11.900 ms
Loss rate: 0.08%
```

## Run 9: Report of Verus — Data Link

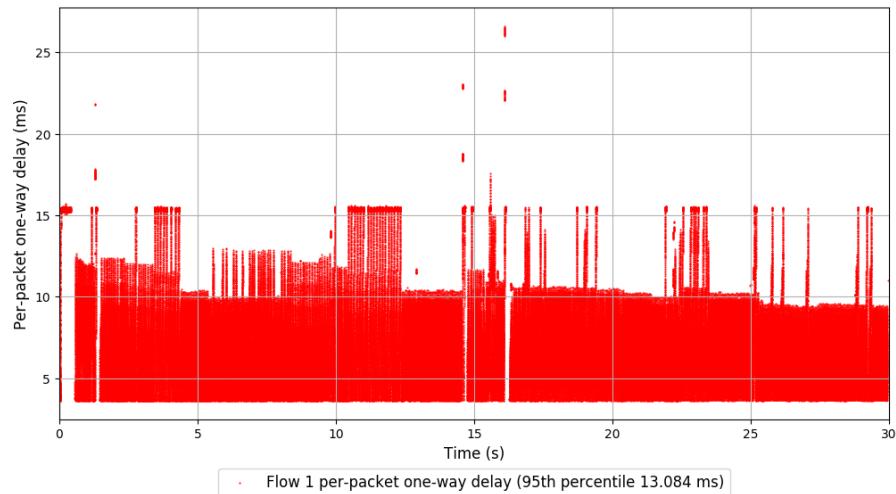
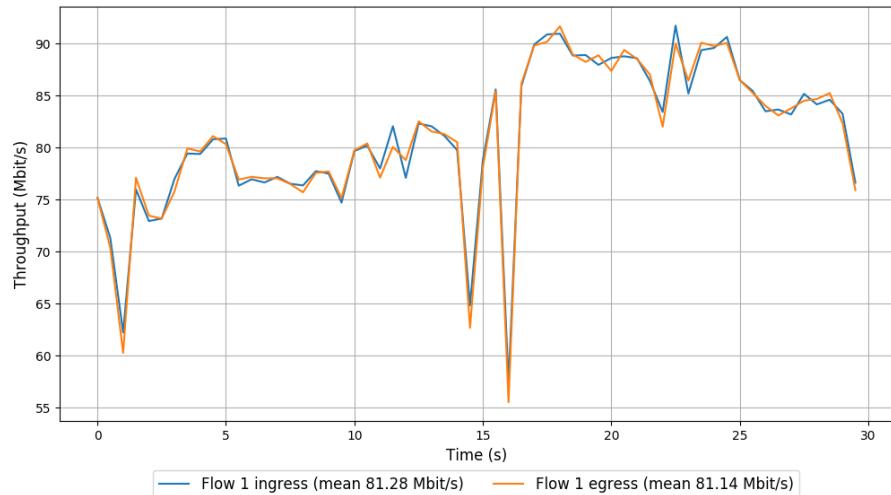


Run 10: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 12:43:23 +0000
End at: Wed, 05 Jul 2017 12:43:53 +0000
Local clock offset: -1.226 ms
Remote clock offset: 0.379 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.14 Mbit/s
95th percentile per-packet one-way delay: 13.084 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 81.14 Mbit/s
95th percentile per-packet one-way delay: 13.084 ms
Loss rate: 0.17%
```

## Run 10: Report of Verus — Data Link

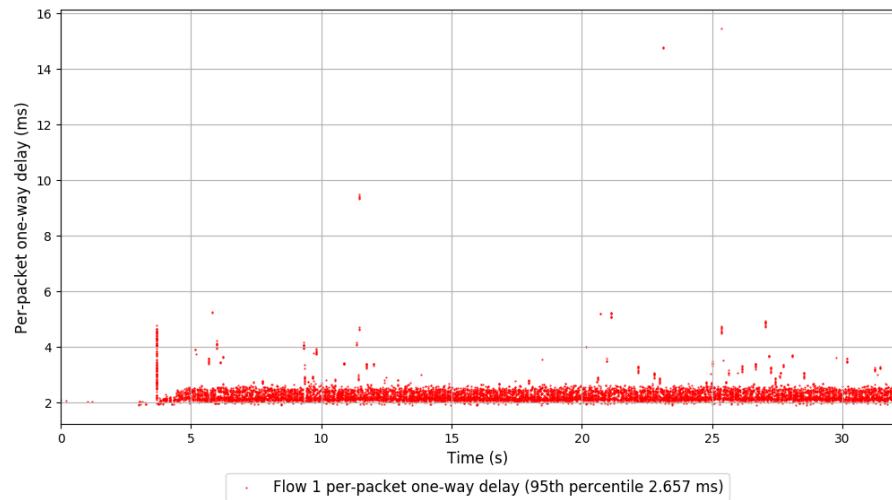
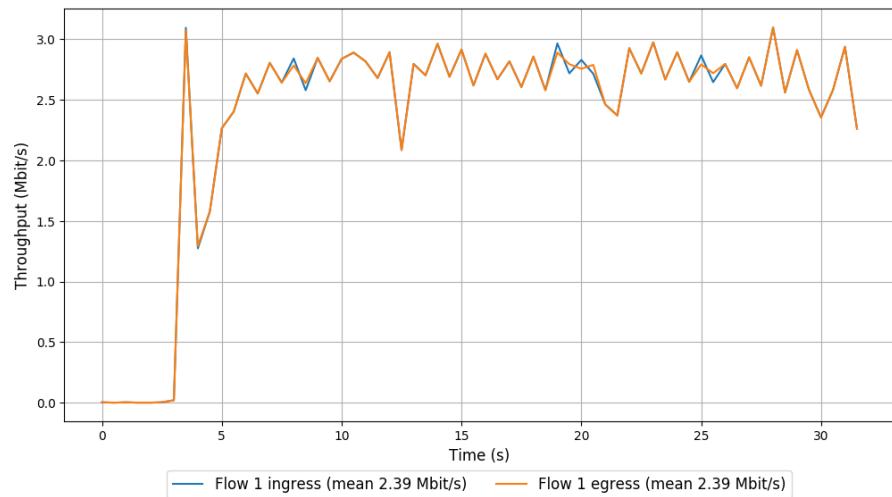


```
Run 1: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 10:18:37 +0000
End at: Wed, 05 Jul 2017 10:19:07 +0000
Local clock offset: 0.119 ms
Remote clock offset: 0.095 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 2.657 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 2.657 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

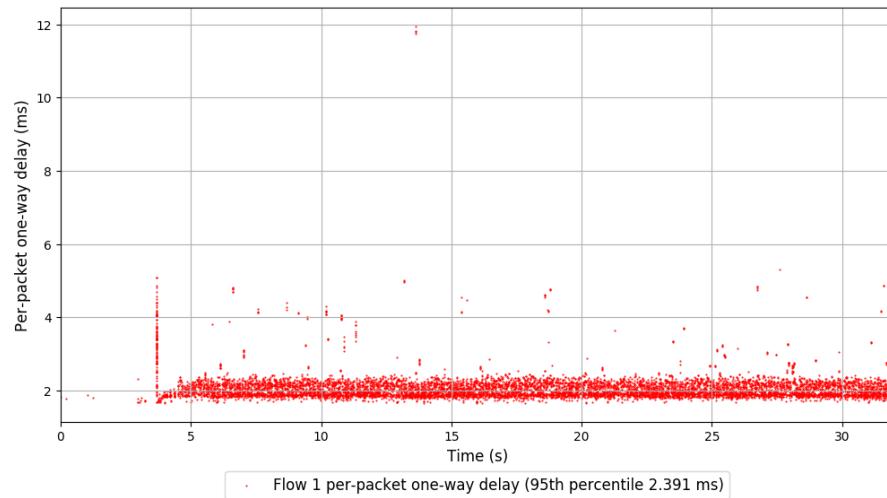
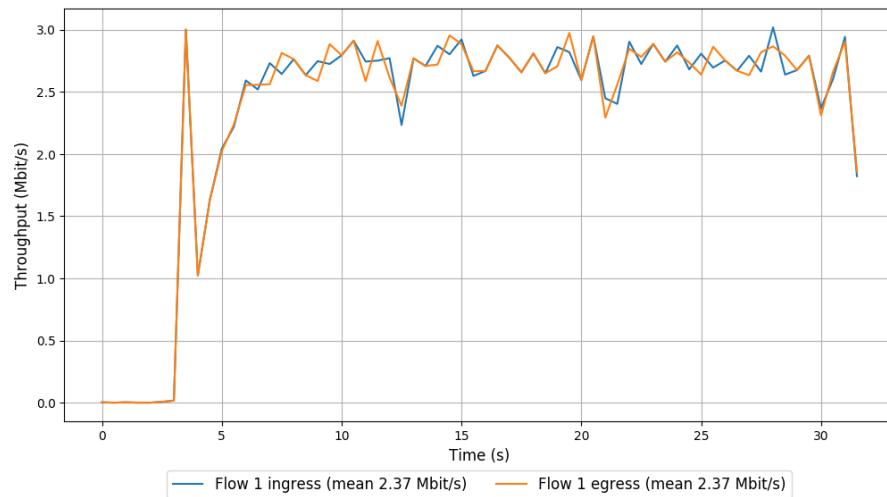


Run 2: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 10:35:36 +0000
End at: Wed, 05 Jul 2017 10:36:06 +0000
Local clock offset: 0.119 ms
Remote clock offset: -0.156 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 2.391 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 2.391 ms
Loss rate: 0.00%
```

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

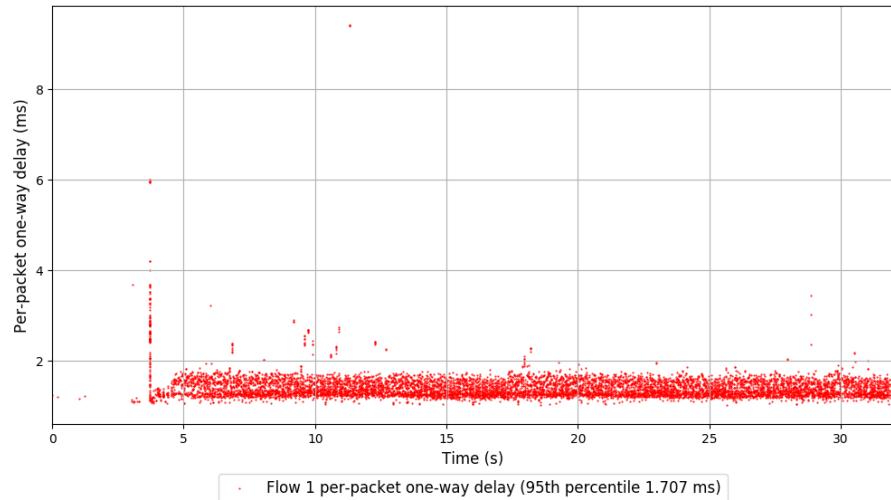
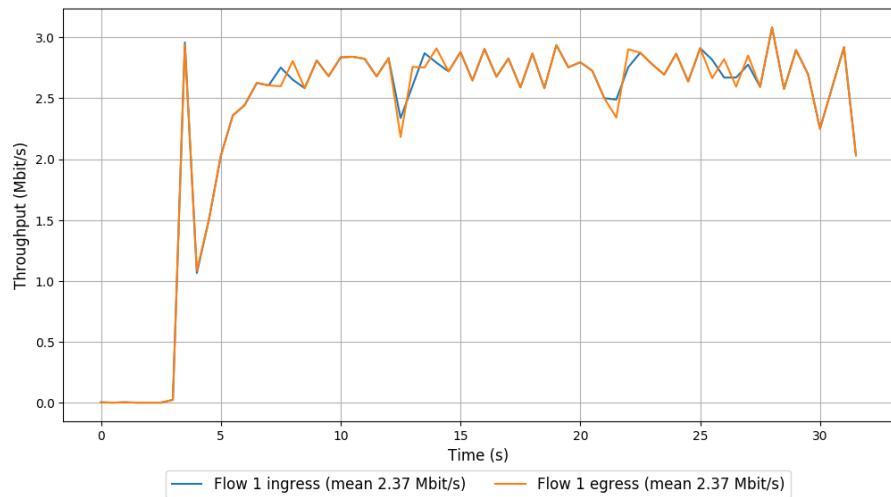


Run 3: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 10:52:34 +0000
End at: Wed, 05 Jul 2017 10:53:04 +0000
Local clock offset: 0.011 ms
Remote clock offset: -0.829 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 1.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 1.707 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

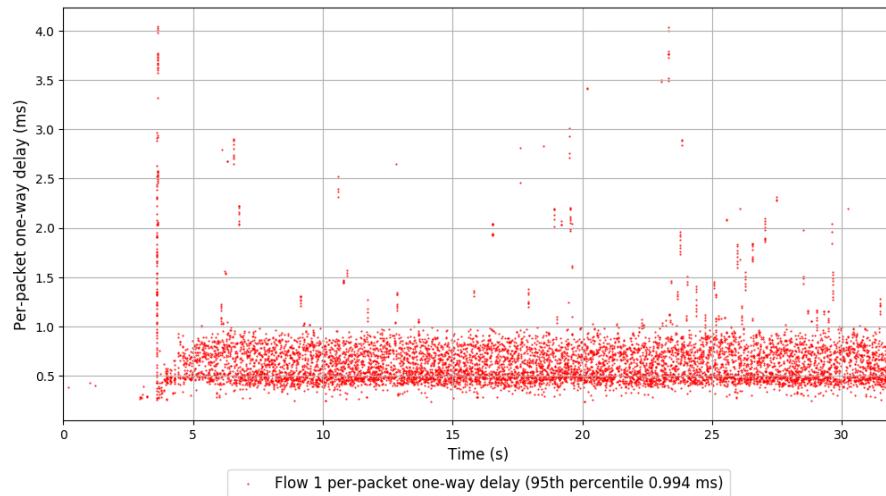
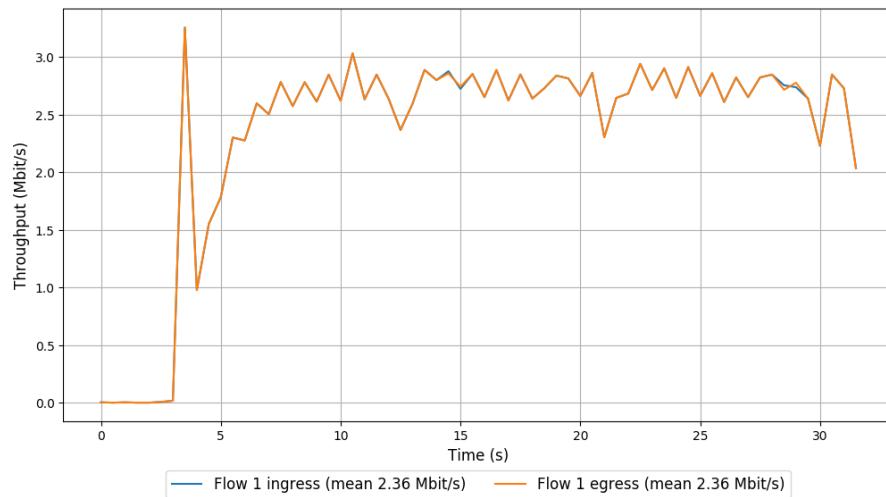


Run 4: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 11:09:38 +0000
End at: Wed, 05 Jul 2017 11:10:08 +0000
Local clock offset: -0.226 ms
Remote clock offset: -1.926 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 0.994 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 0.994 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

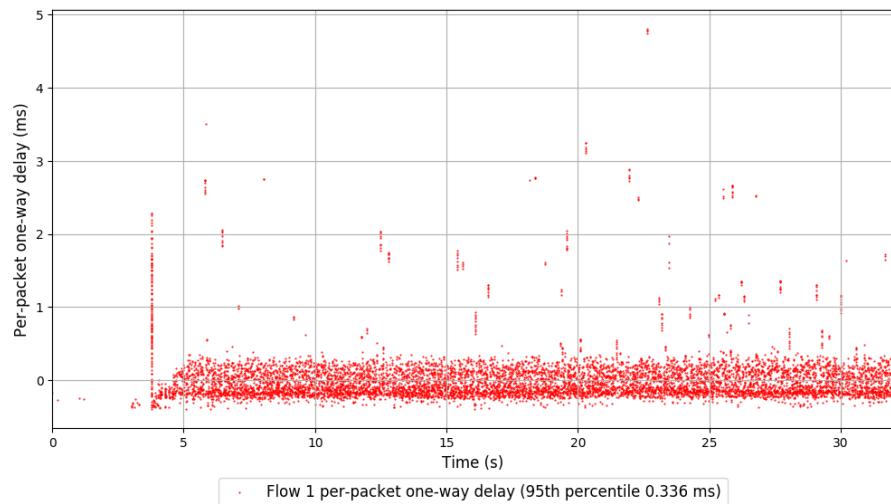
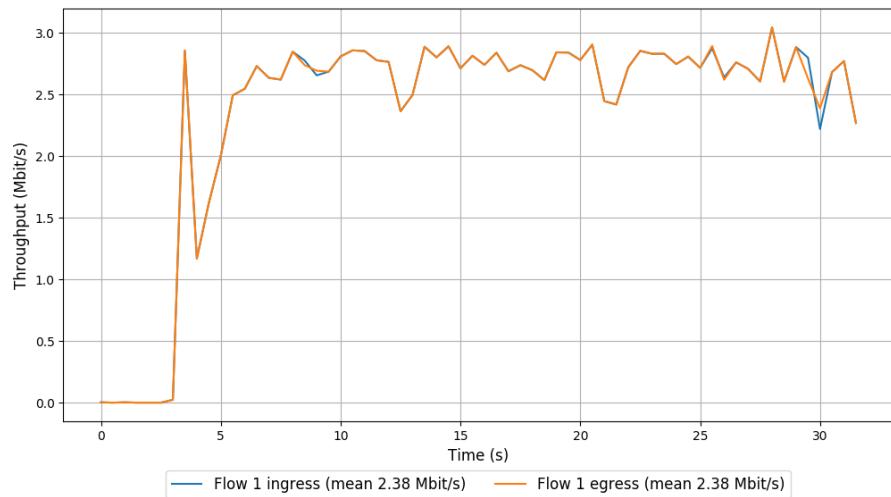


Run 5: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 11:26:38 +0000
End at: Wed, 05 Jul 2017 11:27:08 +0000
Local clock offset: -0.339 ms
Remote clock offset: -2.602 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 0.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 0.336 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

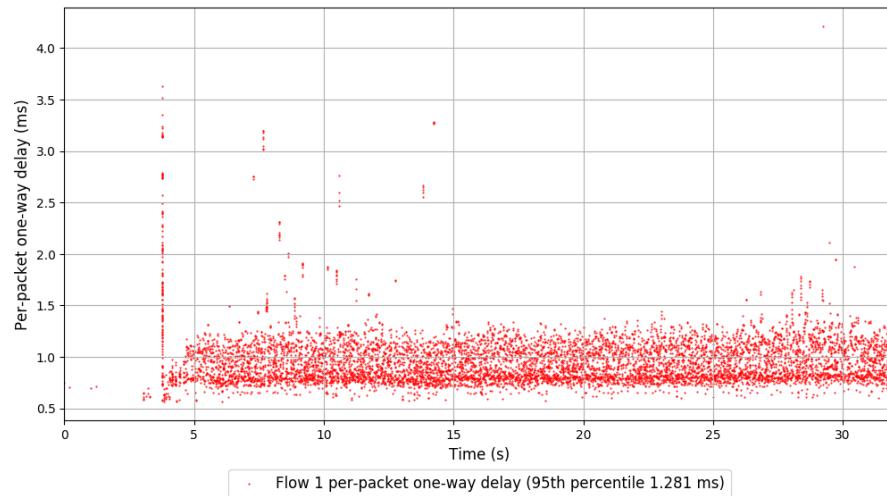
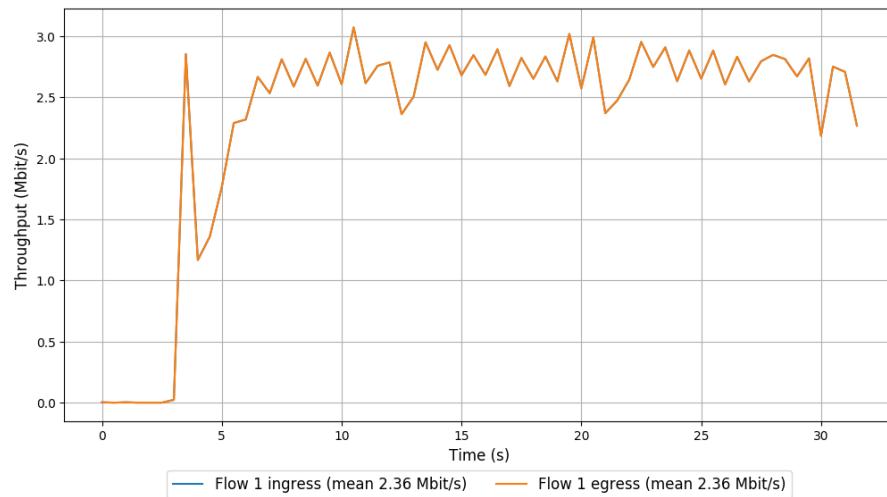


Run 6: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 11:43:35 +0000
End at: Wed, 05 Jul 2017 11:44:05 +0000
Local clock offset: -0.58 ms
Remote clock offset: -2.029 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.281 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 1.281 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

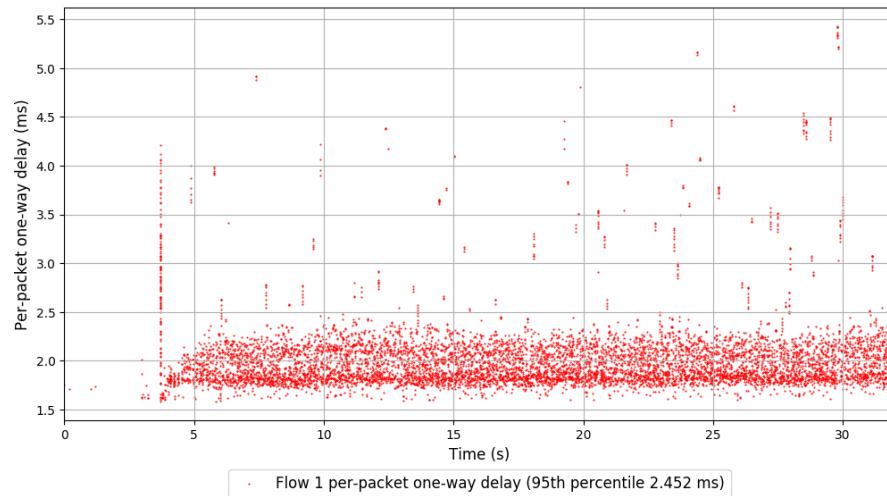
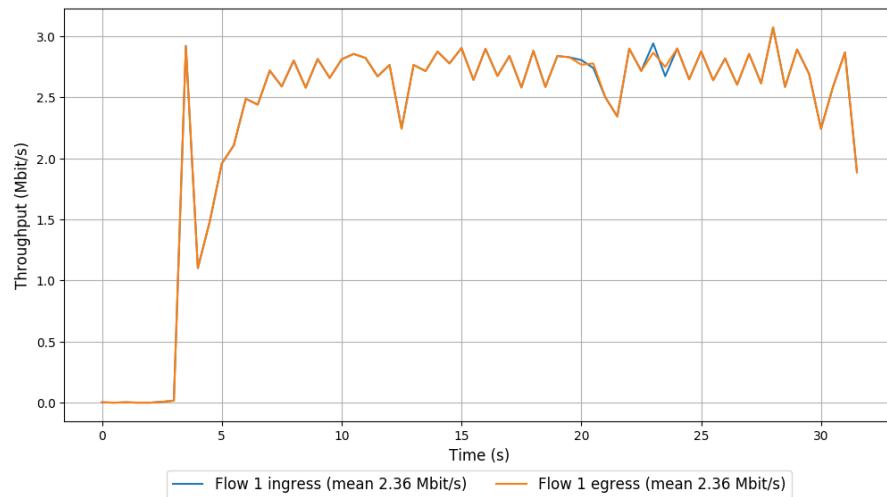


Run 7: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 12:00:32 +0000
End at: Wed, 05 Jul 2017 12:01:02 +0000
Local clock offset: -0.78 ms
Remote clock offset: -1.103 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.452 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.452 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

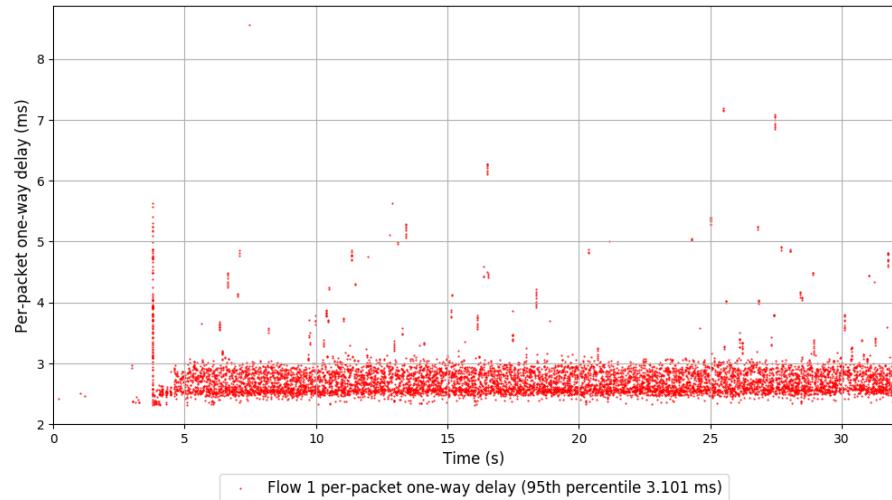
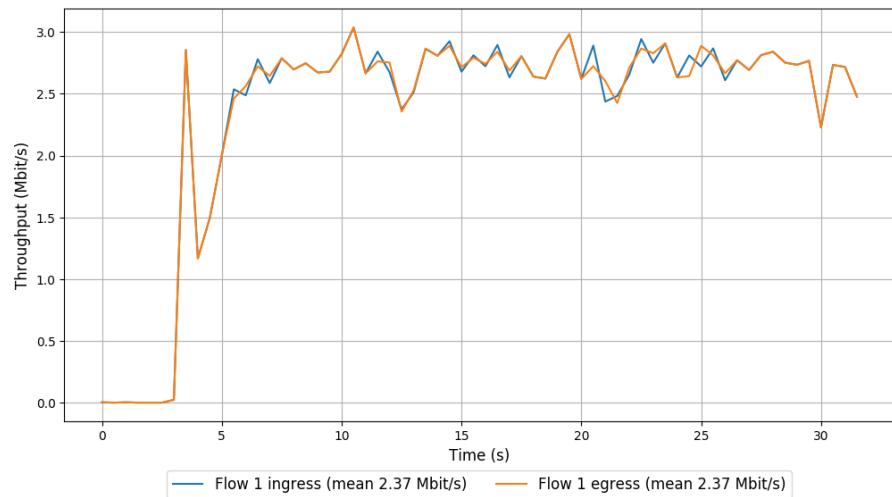


Run 8: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 12:17:22 +0000
End at: Wed, 05 Jul 2017 12:17:52 +0000
Local clock offset: -0.865 ms
Remote clock offset: -0.513 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 3.101 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 3.101 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

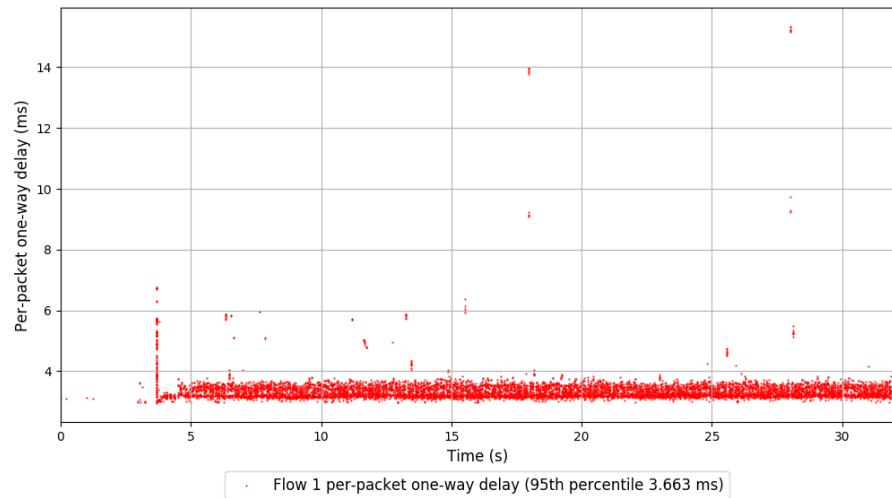
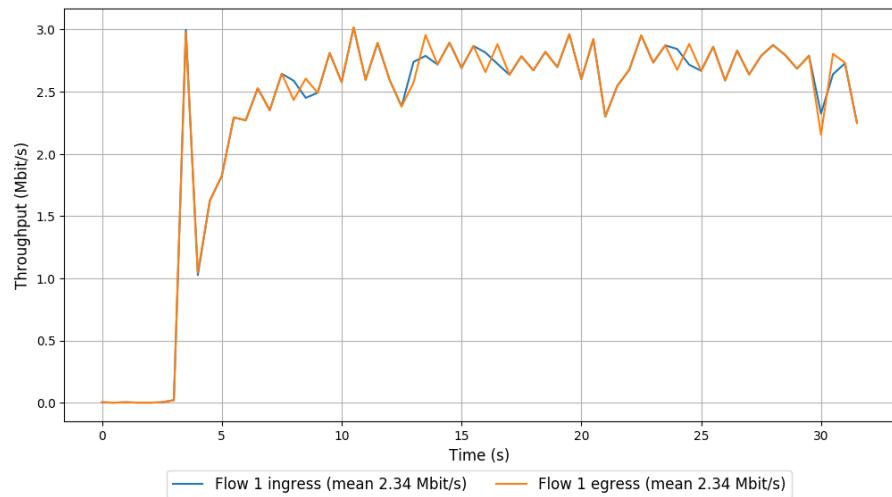


Run 9: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 12:34:19 +0000
End at: Wed, 05 Jul 2017 12:34:49 +0000
Local clock offset: -0.994 ms
Remote clock offset: 0.022 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 3.663 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 3.663 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 12:51:23 +0000
End at: Wed, 05 Jul 2017 12:51:53 +0000
Local clock offset: -1.239 ms
Remote clock offset: 0.68 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 13:54:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 4.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 4.535 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

