

**Pantheon Summary** (Generated at Tue, 20 Jun 2017 05:46:25 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

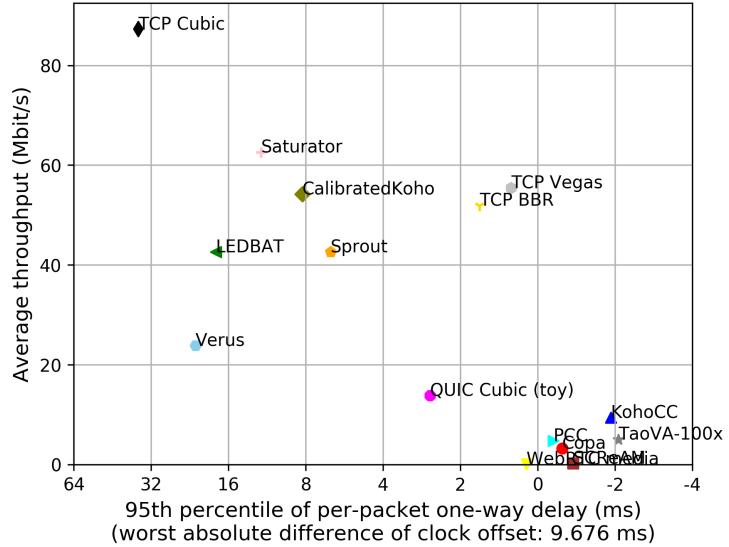
Each test lasted for 30 seconds running 1 flow.

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

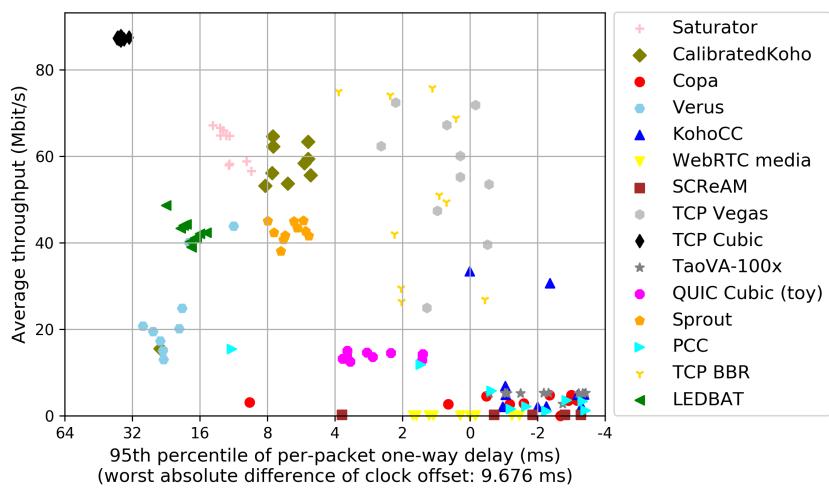
NTP offset measured against gps.ntp.br.

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

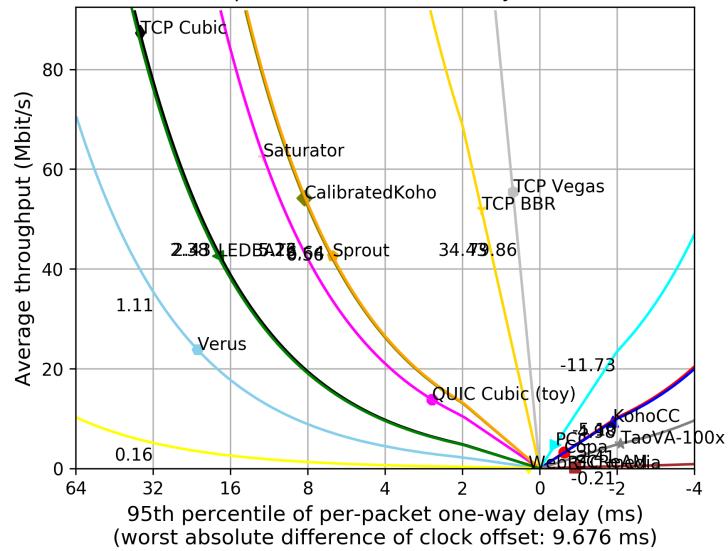
test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



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

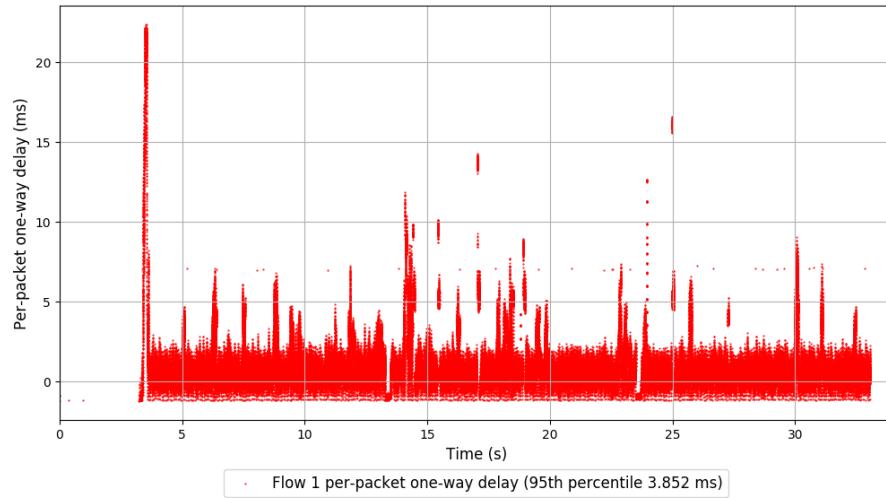
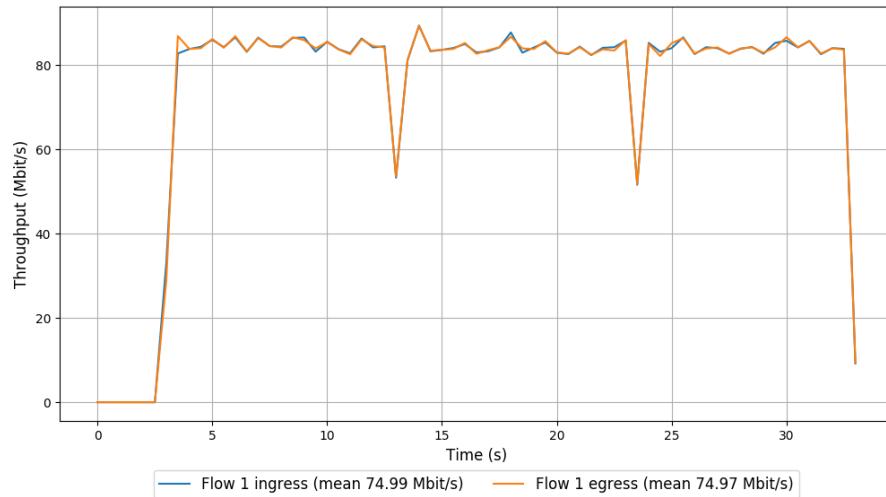


Run 1: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:03:53 +0000
End at: Mon, 19 Jun 2017 21:04:23 +0000
Local clock offset: -4.632 ms
Remote clock offset: -1.374 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.97 Mbit/s
95th percentile per-packet one-way delay: 3.852 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 74.97 Mbit/s
95th percentile per-packet one-way delay: 3.852 ms
Loss rate: 0.02%
```

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

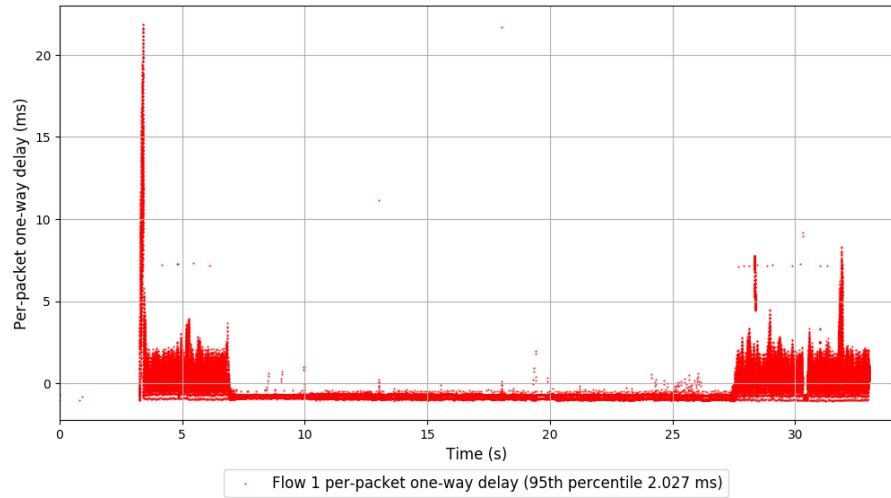
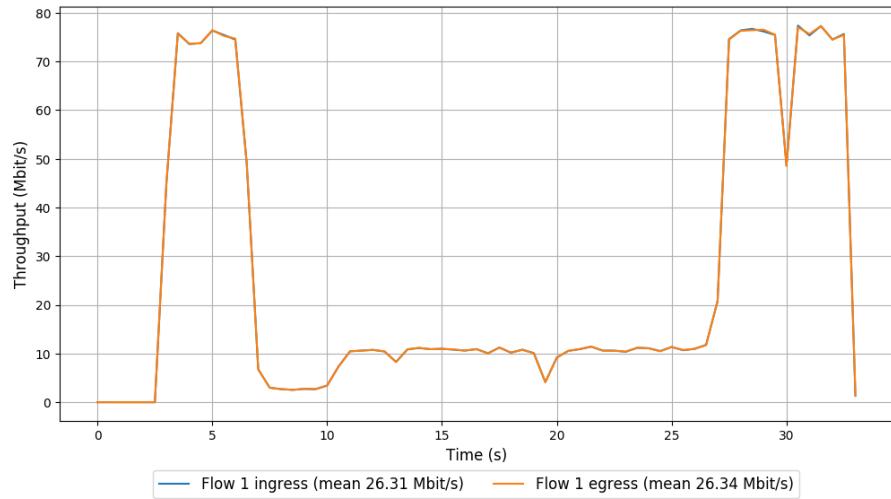


Run 2: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:22:40 +0000
End at: Mon, 19 Jun 2017 21:23:10 +0000
Local clock offset: -4.058 ms
Remote clock offset: -1.103 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 2.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 2.027 ms
Loss rate: 0.00%
```

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

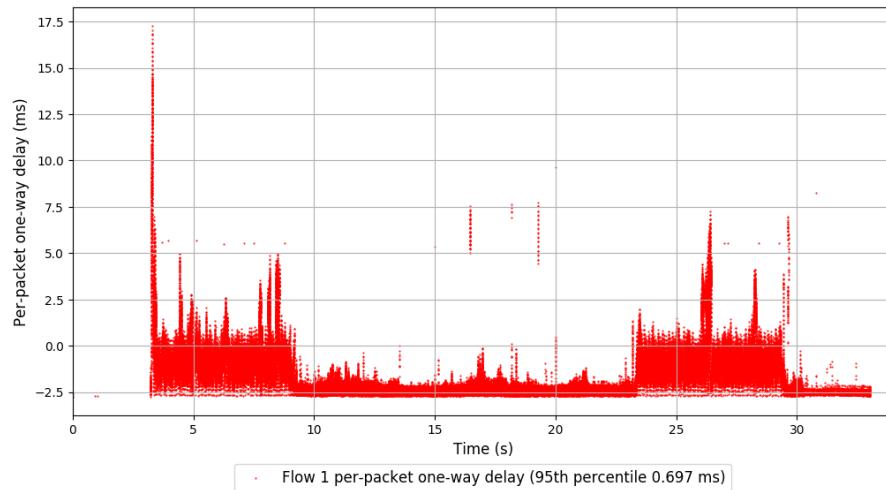
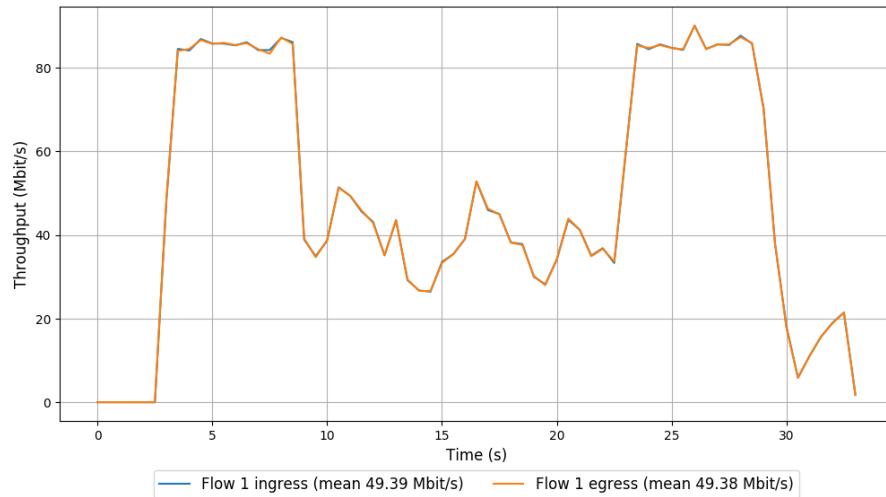


Run 3: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:41:00 +0000
End at: Mon, 19 Jun 2017 21:41:31 +0000
Local clock offset: -5.67 ms
Remote clock offset: -0.883 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.38 Mbit/s
95th percentile per-packet one-way delay: 0.697 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 49.38 Mbit/s
95th percentile per-packet one-way delay: 0.697 ms
Loss rate: 0.03%
```

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

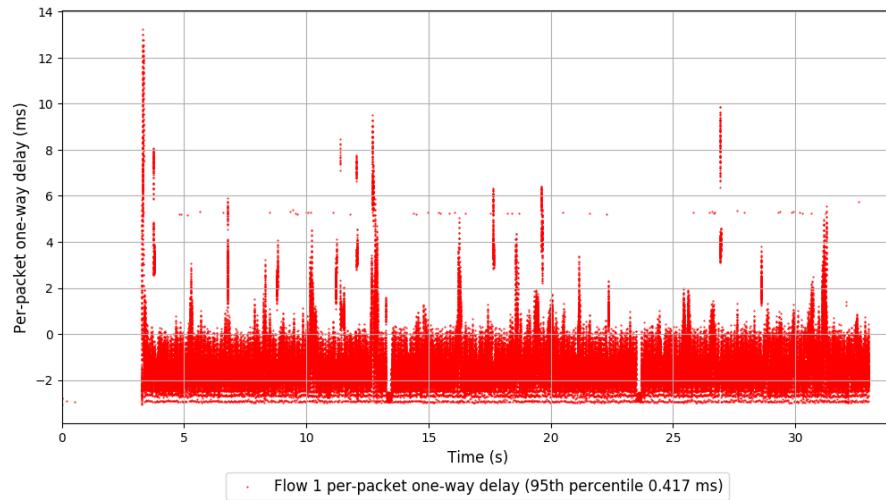
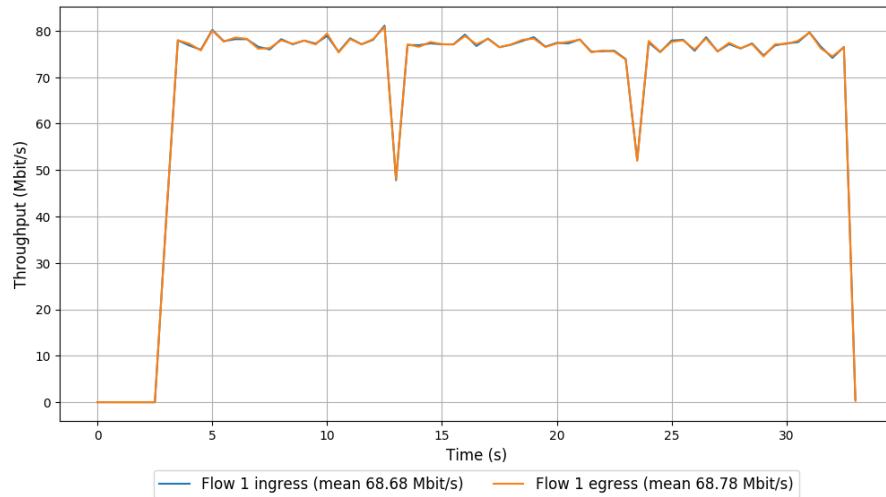


Run 4: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 21:59:16 +0000
End at: Mon, 19 Jun 2017 21:59:46 +0000
Local clock offset: -5.455 ms
Remote clock offset: -0.474 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 0.417 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 0.417 ms
Loss rate: 0.00%
```

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

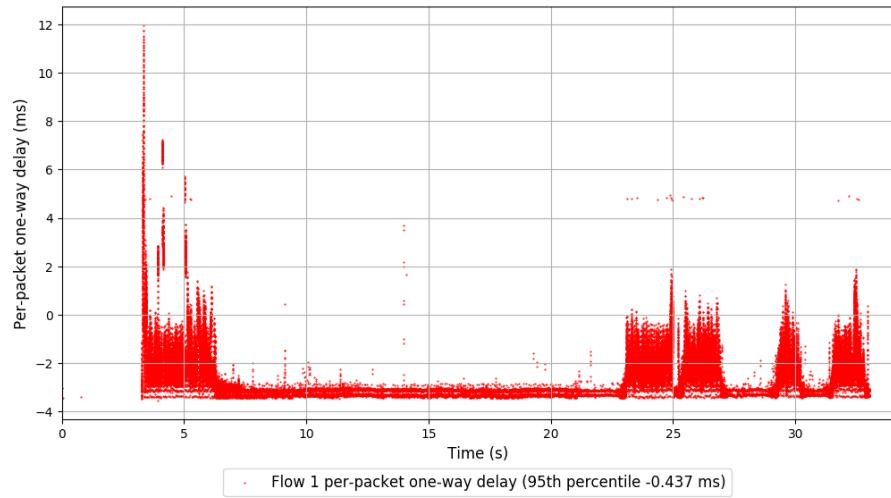
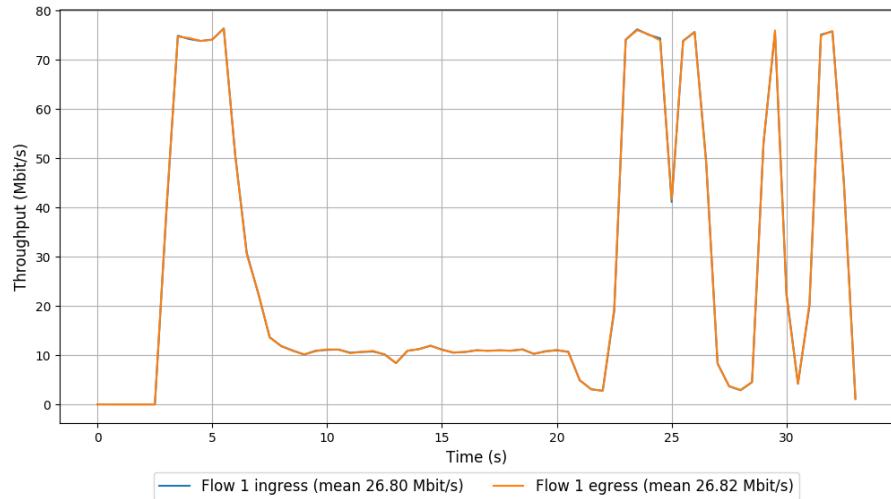


Run 5: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:17:35 +0000
End at: Mon, 19 Jun 2017 22:18:05 +0000
Local clock offset: -6.048 ms
Remote clock offset: -0.19 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:21:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.82 Mbit/s
95th percentile per-packet one-way delay: -0.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.82 Mbit/s
95th percentile per-packet one-way delay: -0.437 ms
Loss rate: 0.00%
```

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

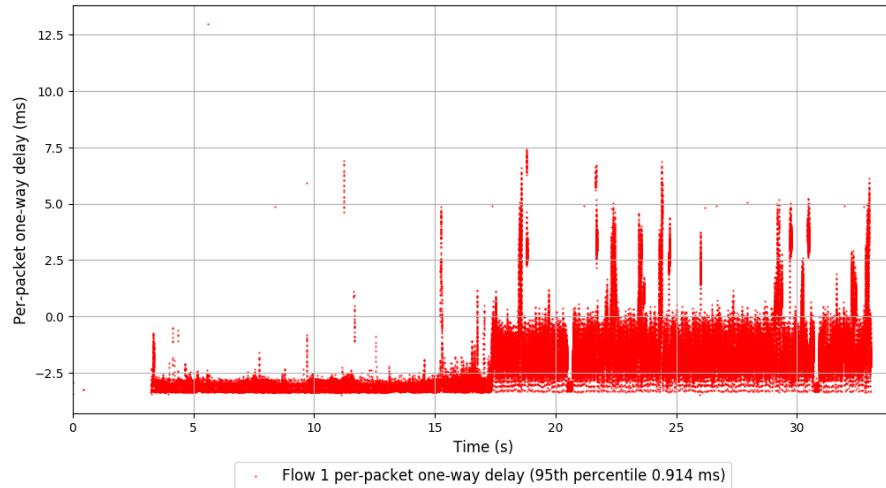
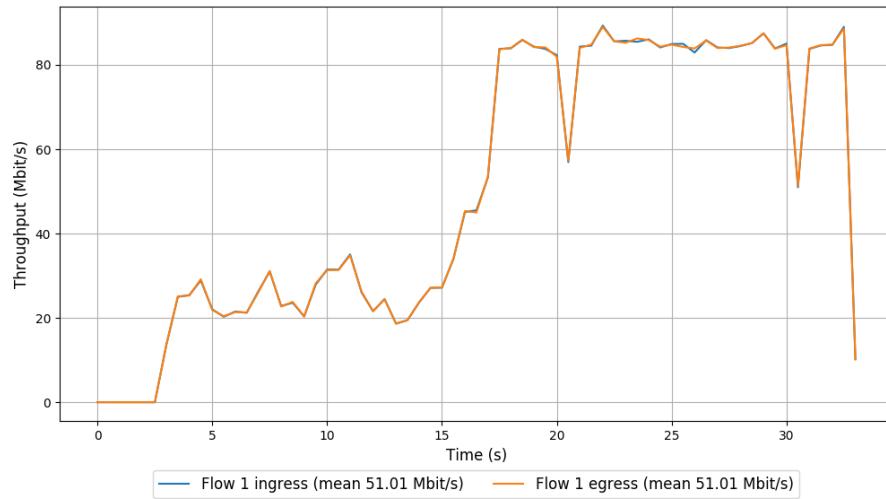


Run 6: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:35:49 +0000
End at: Mon, 19 Jun 2017 22:36:19 +0000
Local clock offset: -5.453 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.01 Mbit/s
95th percentile per-packet one-way delay: 0.914 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.01 Mbit/s
95th percentile per-packet one-way delay: 0.914 ms
Loss rate: 0.00%
```

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

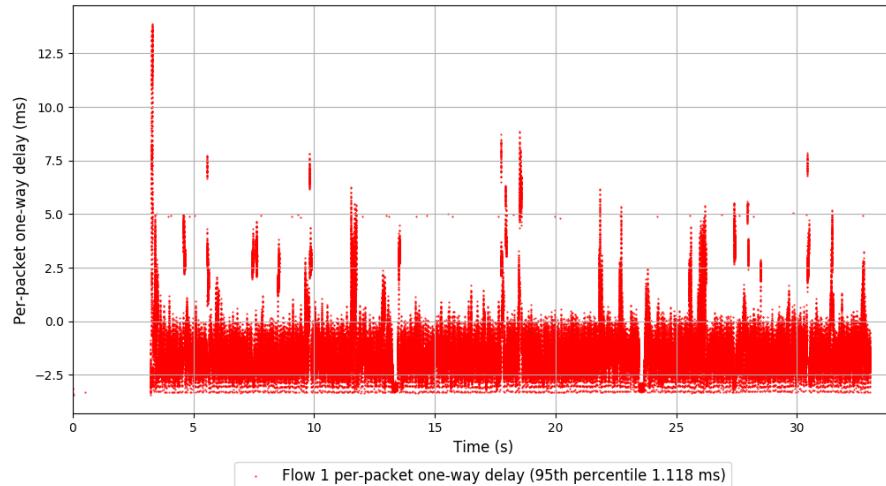
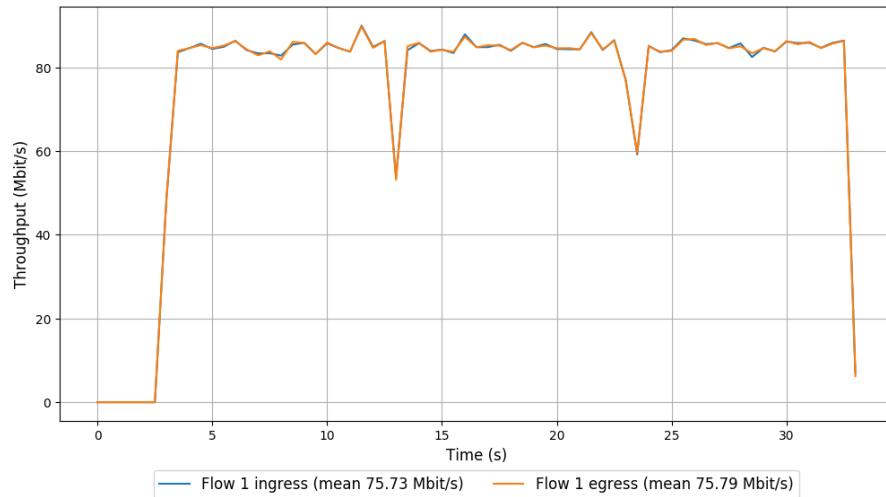


Run 7: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 22:54:19 +0000
End at: Mon, 19 Jun 2017 22:54:49 +0000
Local clock offset: -5.287 ms
Remote clock offset: 0.171 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.79 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 75.79 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.01%
```

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

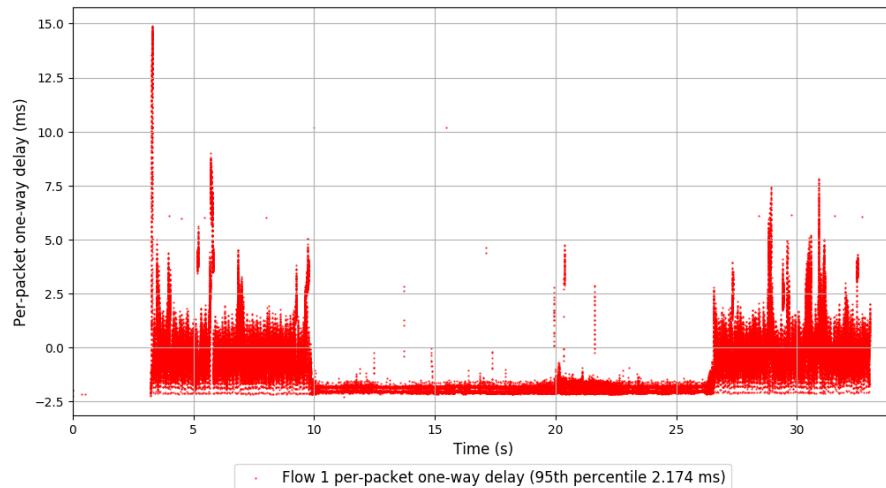
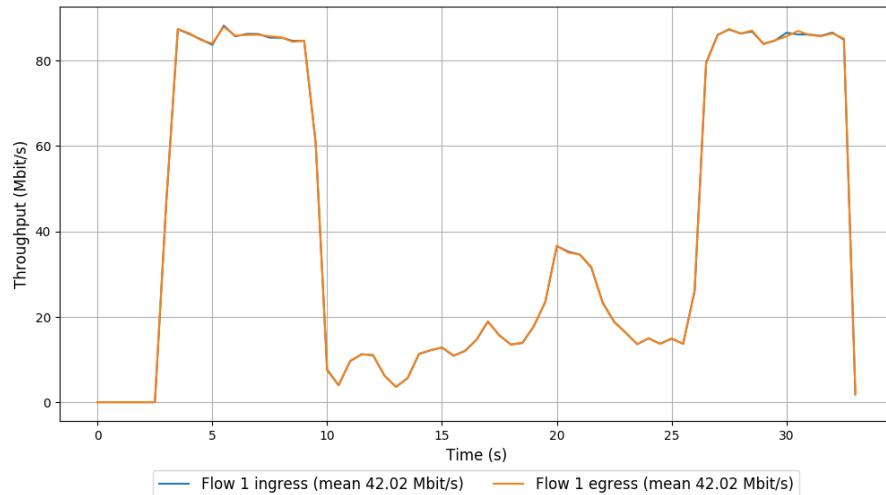


Run 8: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 23:12:34 +0000
End at: Mon, 19 Jun 2017 23:13:04 +0000
Local clock offset: -3.997 ms
Remote clock offset: 0.298 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:22:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 2.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 2.174 ms
Loss rate: 0.00%
```

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

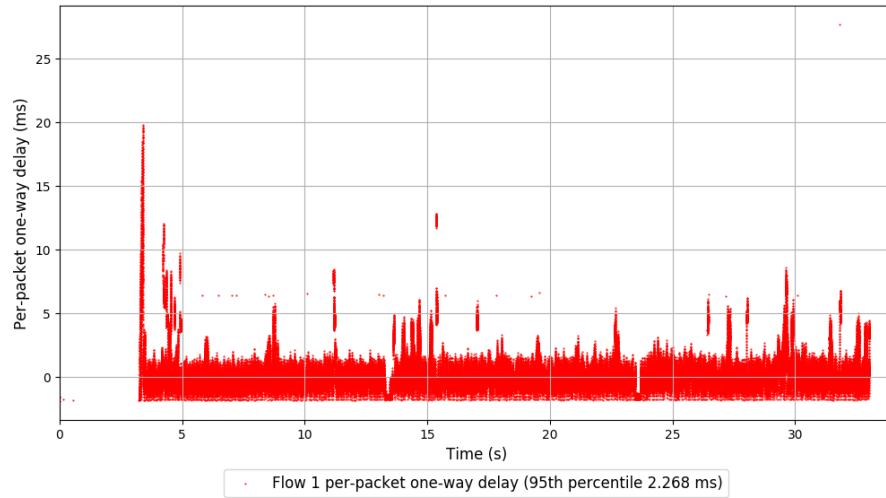
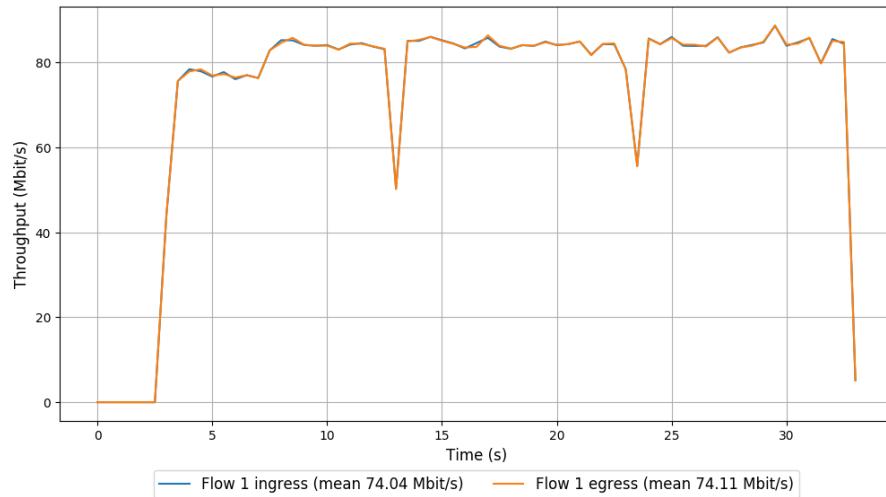


Run 9: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 23:30:41 +0000
End at: Mon, 19 Jun 2017 23:31:11 +0000
Local clock offset: -3.114 ms
Remote clock offset: 0.7 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:23:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.11 Mbit/s
95th percentile per-packet one-way delay: 2.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.11 Mbit/s
95th percentile per-packet one-way delay: 2.268 ms
Loss rate: 0.00%
```

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

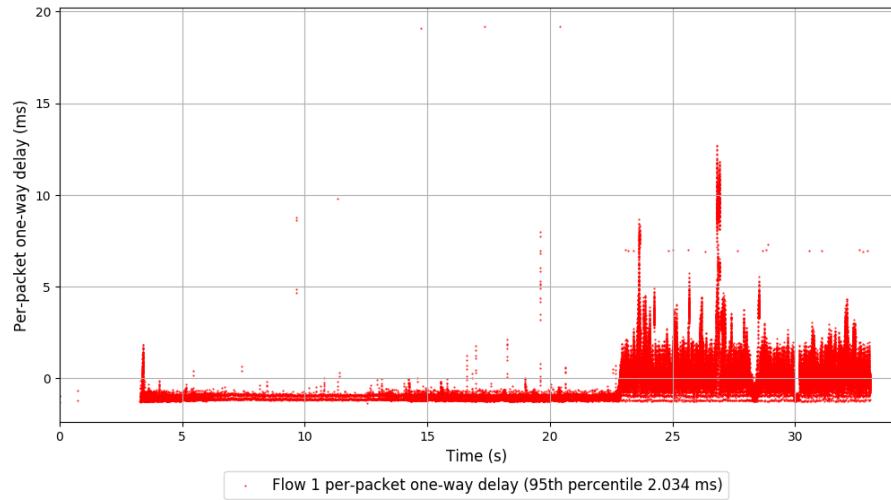
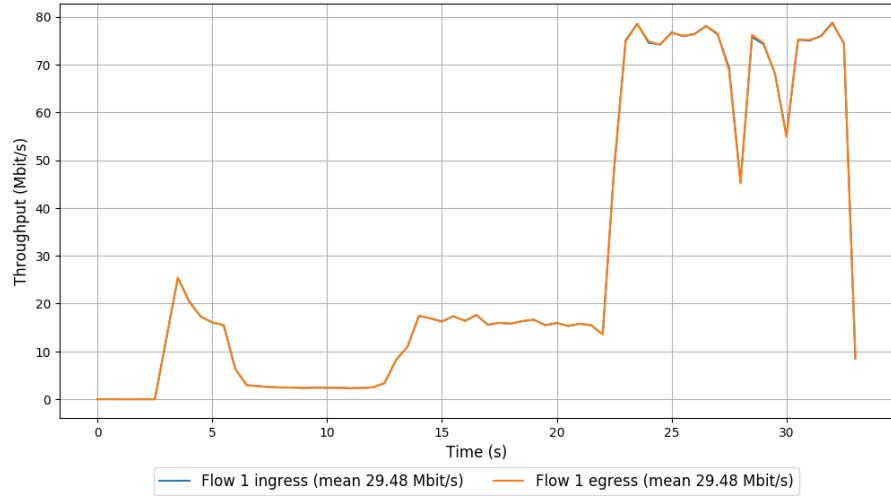


Run 10: Statistics of TCP BBR

```
Start at: Mon, 19 Jun 2017 23:49:05 +0000
End at: Mon, 19 Jun 2017 23:49:35 +0000
Local clock offset: -2.237 ms
Remote clock offset: 1.148 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:23:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 2.034 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 2.034 ms
Loss rate: 0.00%
```

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



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

```
Start at: Mon, 19 Jun 2017 20:51:48 +0000
```

```
End at: Mon, 19 Jun 2017 20:52:18 +0000
```

```
Local clock offset: -5.024 ms
```

```
Remote clock offset: -1.34 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:23:31 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 62.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.538 ms
```

```
Loss rate: 0.02%
```

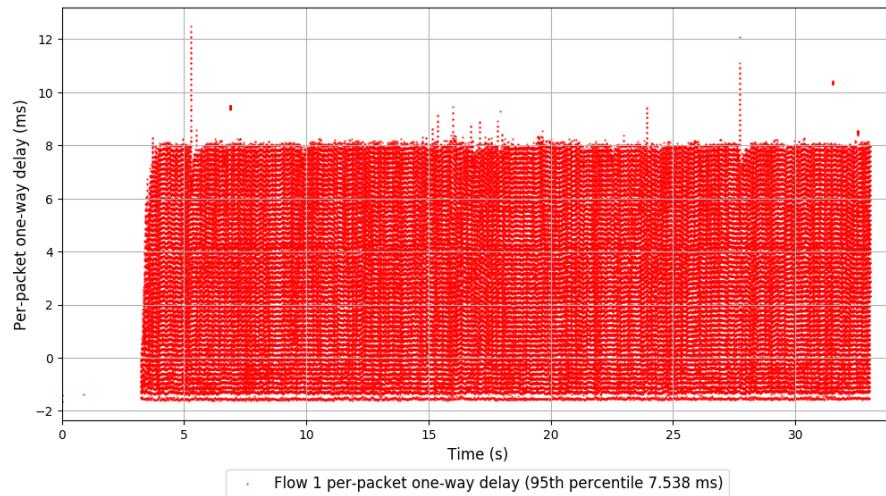
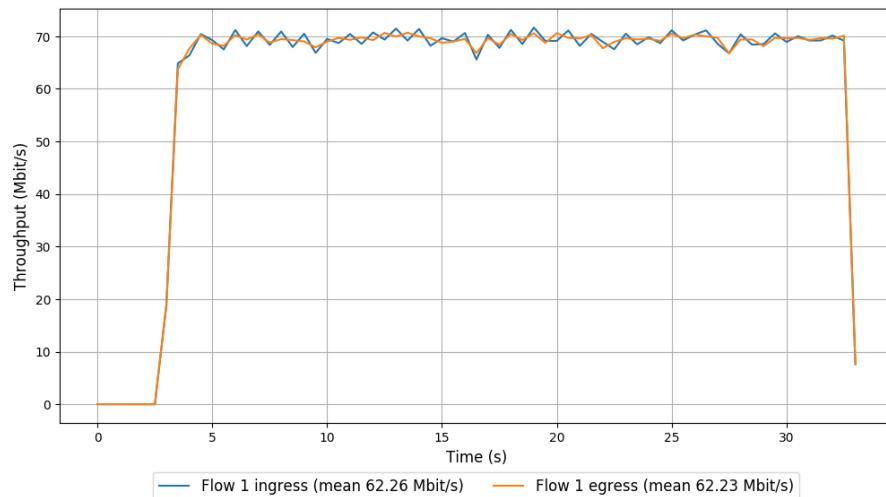
```
-- Flow 1:
```

```
Average throughput: 62.23 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.538 ms
```

```
Loss rate: 0.02%
```

## Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 21:10:23 +0000
```

```
End at: Mon, 19 Jun 2017 21:10:53 +0000
```

```
Local clock offset: -4.229 ms
```

```
Remote clock offset: -1.236 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:23:41 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 53.16 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.180 ms
```

```
Loss rate: 0.02%
```

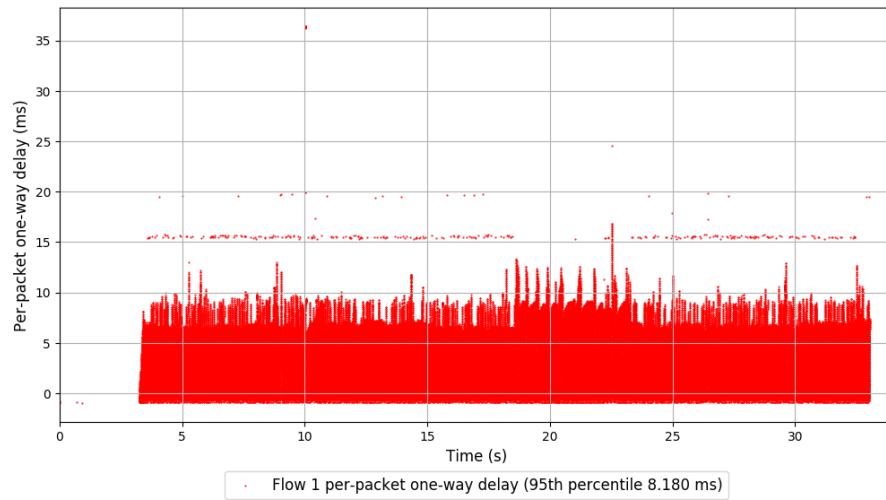
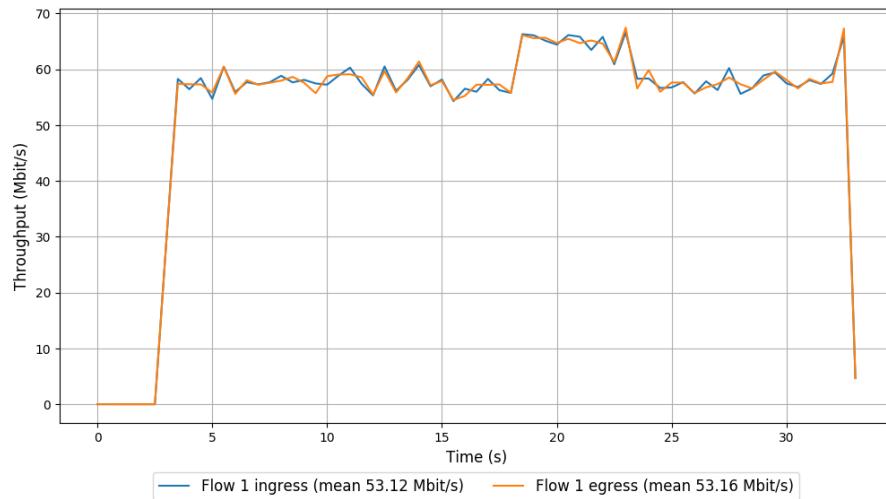
```
-- Flow 1:
```

```
Average throughput: 53.16 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.180 ms
```

```
Loss rate: 0.02%
```

## Run 2: Report of CalibratedKoho — Data Link

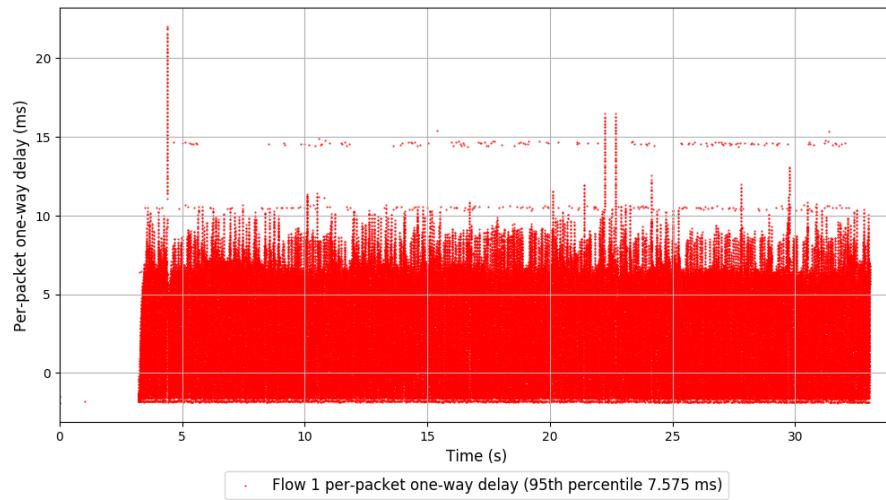
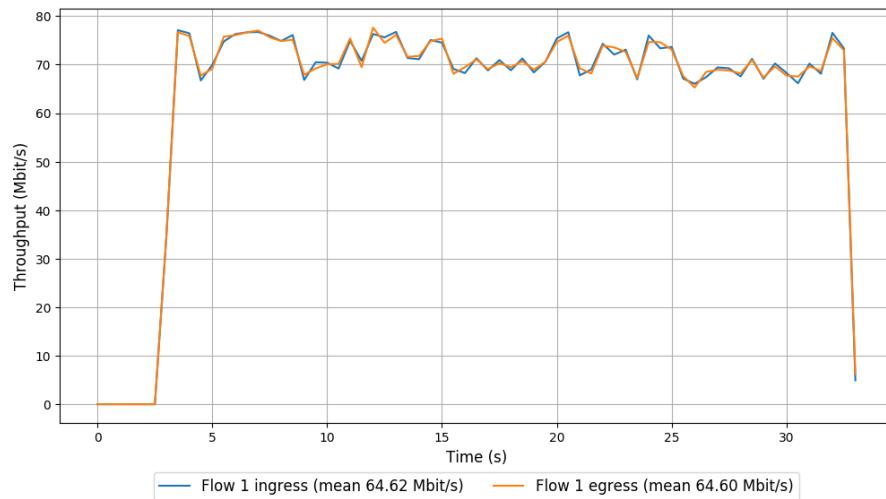


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Mon, 19 Jun 2017 21:28:52 +0000
End at: Mon, 19 Jun 2017 21:29:22 +0000
Local clock offset: -4.855 ms
Remote clock offset: -1.018 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:24:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 7.575 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 7.575 ms
Loss rate: 0.00%
```

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

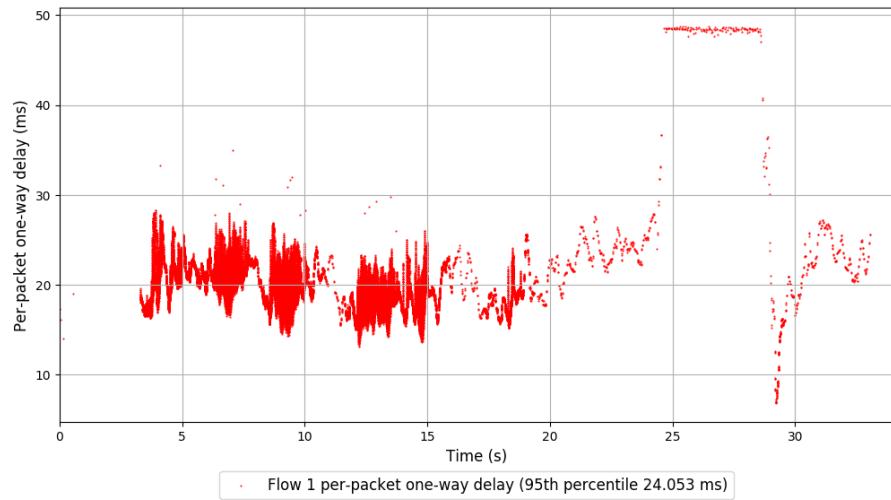
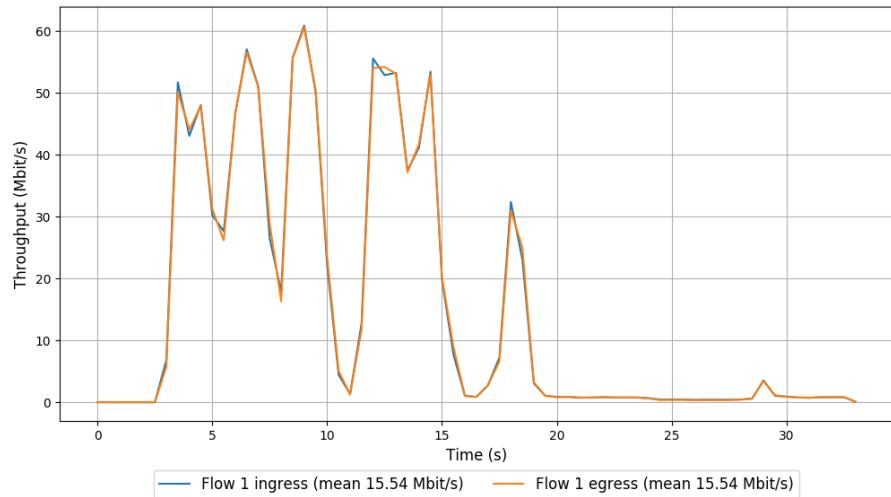


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Mon, 19 Jun 2017 21:47:16 +0000
End at: Mon, 19 Jun 2017 21:47:46 +0000
Local clock offset: -5.533 ms
Remote clock offset: -0.766 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:24:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 24.053 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 15.54 Mbit/s
95th percentile per-packet one-way delay: 24.053 ms
Loss rate: 0.06%
```

## Run 4: Report of CalibratedKoho — Data Link

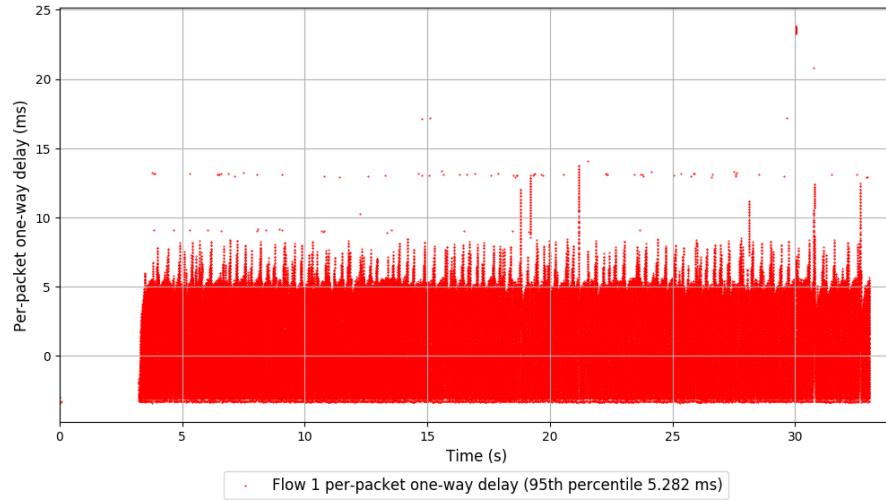
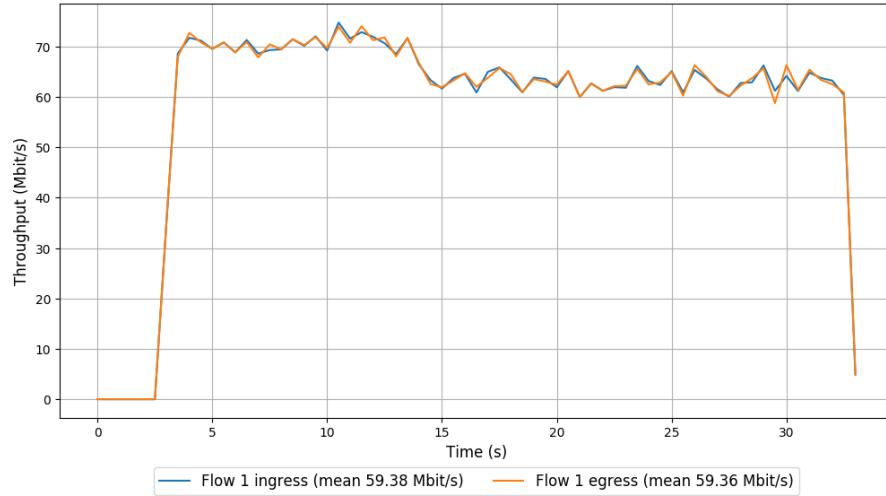


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Mon, 19 Jun 2017 22:05:34 +0000
End at: Mon, 19 Jun 2017 22:06:04 +0000
Local clock offset: -5.711 ms
Remote clock offset: -0.353 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:24:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 5.282 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 5.282 ms
Loss rate: 0.01%
```

## Run 5: Report of CalibratedKoho — Data Link

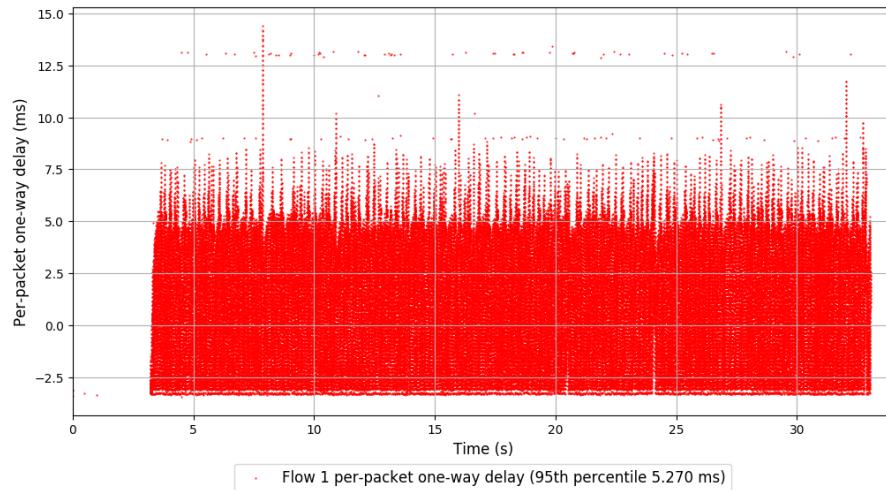
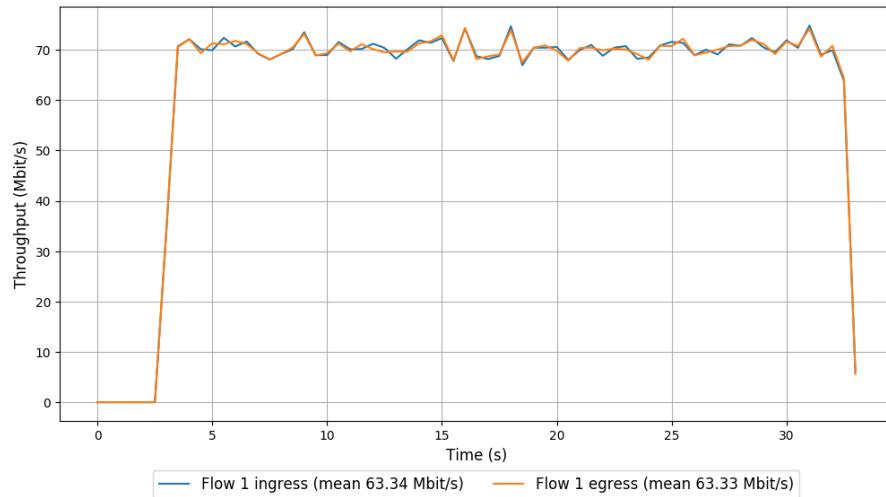


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Mon, 19 Jun 2017 22:23:46 +0000
End at: Mon, 19 Jun 2017 22:24:16 +0000
Local clock offset: -5.467 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:24:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.33 Mbit/s
95th percentile per-packet one-way delay: 5.270 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.33 Mbit/s
95th percentile per-packet one-way delay: 5.270 ms
Loss rate: 0.00%
```

## Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Mon, 19 Jun 2017 22:42:09 +0000

End at: Mon, 19 Jun 2017 22:42:39 +0000

Local clock offset: -5.522 ms

Remote clock offset: 0.104 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.38 Mbit/s

95th percentile per-packet one-way delay: 5.468 ms

Loss rate: 0.00%

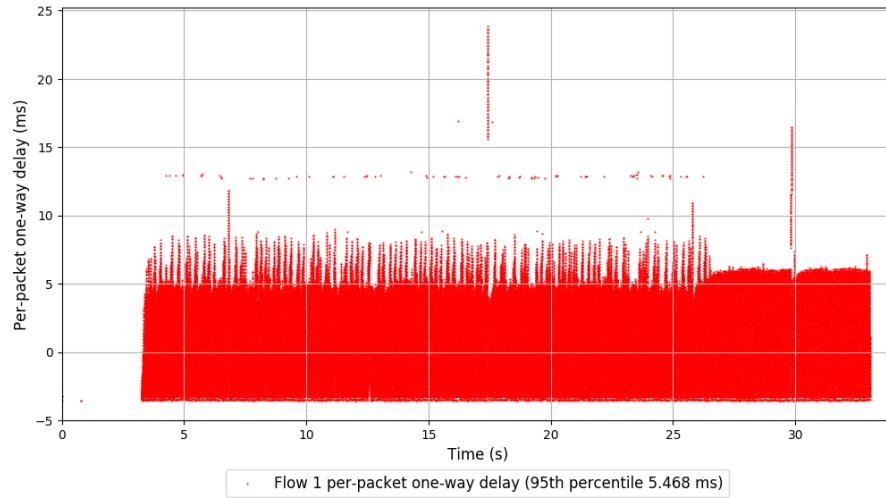
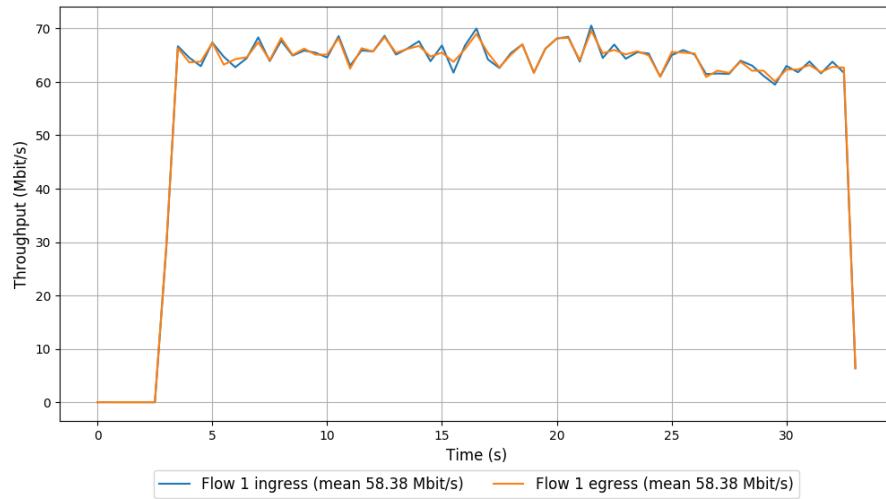
-- Flow 1:

Average throughput: 58.38 Mbit/s

95th percentile per-packet one-way delay: 5.468 ms

Loss rate: 0.00%

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

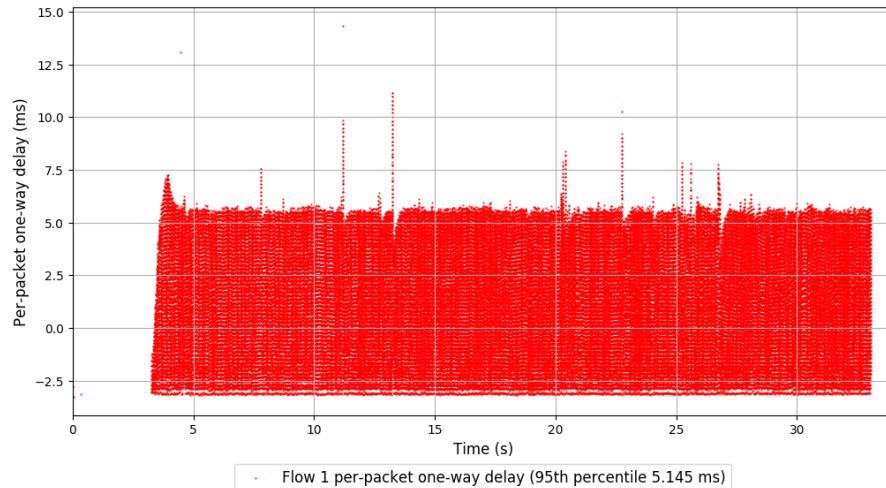
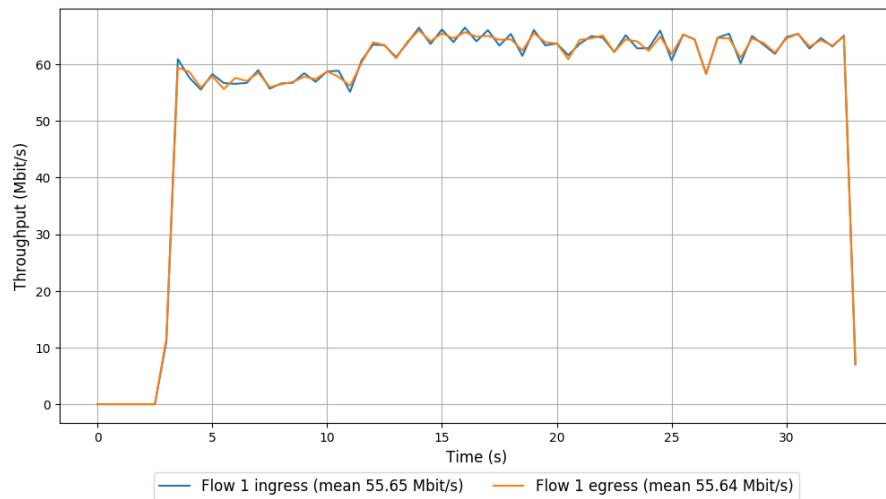


Run 8: Statistics of CalibratedKoho

```
Start at: Mon, 19 Jun 2017 23:00:37 +0000
End at: Mon, 19 Jun 2017 23:01:07 +0000
Local clock offset: -5.072 ms
Remote clock offset: 0.21 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.64 Mbit/s
95th percentile per-packet one-way delay: 5.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.64 Mbit/s
95th percentile per-packet one-way delay: 5.145 ms
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link

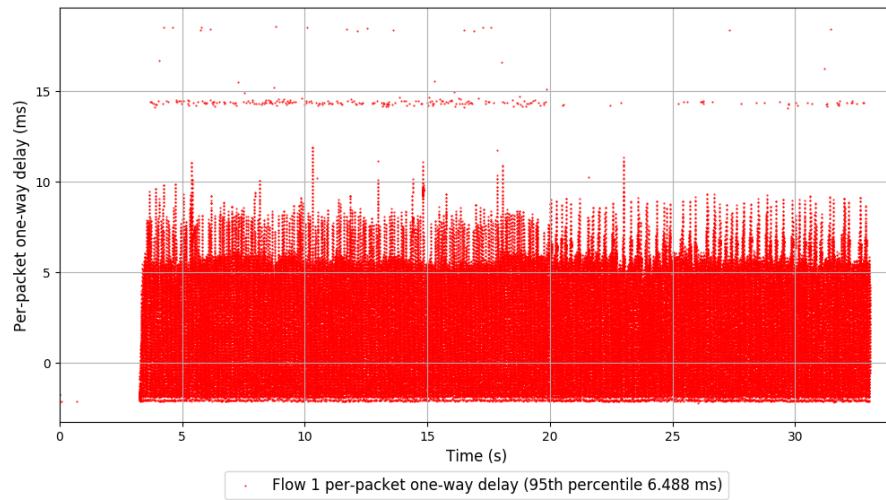
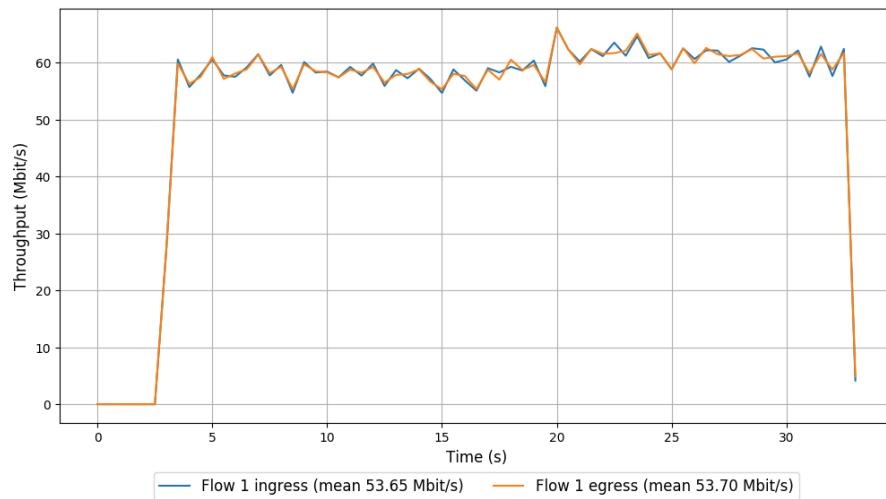


Run 9: Statistics of CalibratedKoho

```
Start at: Mon, 19 Jun 2017 23:18:40 +0000
End at: Mon, 19 Jun 2017 23:19:10 +0000
Local clock offset: -3.684 ms
Remote clock offset: 0.469 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:25:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: 6.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: 6.488 ms
Loss rate: 0.00%
```

## Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Mon, 19 Jun 2017 23:37:00 +0000
```

```
End at: Mon, 19 Jun 2017 23:37:30 +0000
```

```
Local clock offset: -2.923 ms
```

```
Remote clock offset: 0.895 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:06 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 56.11 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.615 ms
```

```
Loss rate: 0.00%
```

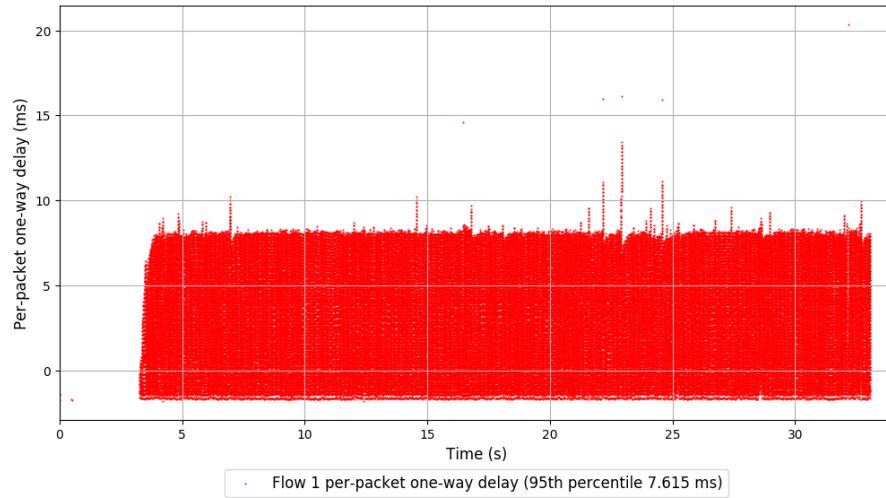
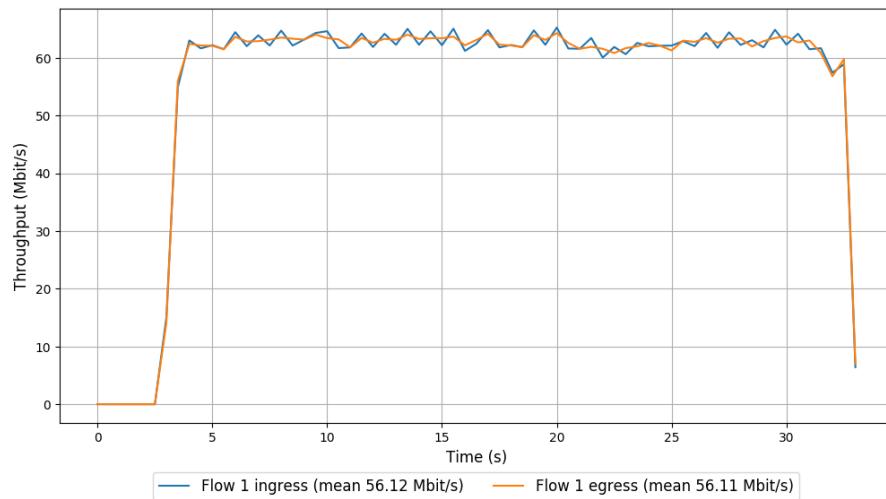
```
-- Flow 1:
```

```
Average throughput: 56.11 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.615 ms
```

```
Loss rate: 0.00%
```

## Run 10: Report of CalibratedKoho — Data Link

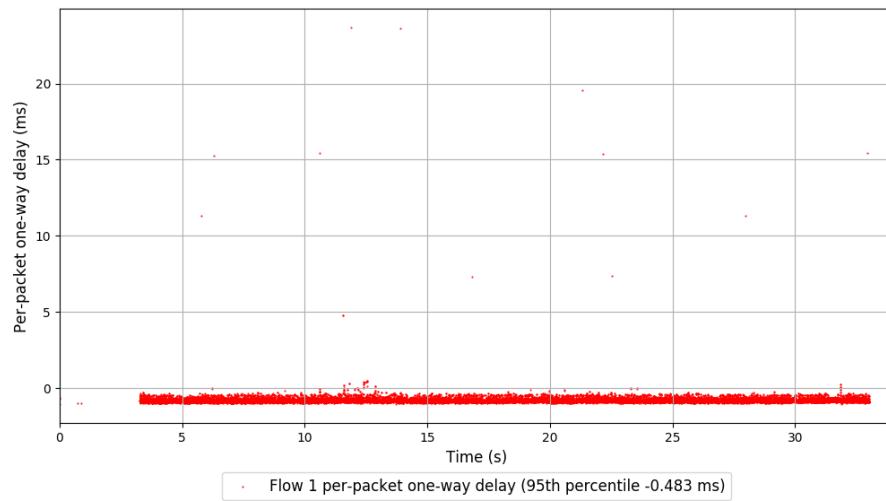
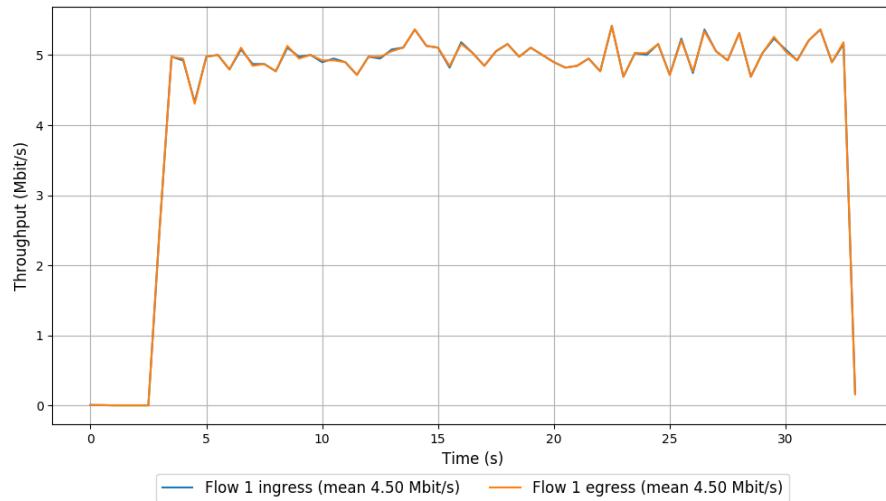


Run 1: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:07:52 +0000
End at: Mon, 19 Jun 2017 21:08:22 +0000
Local clock offset: -4.34 ms
Remote clock offset: -1.287 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -0.483 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -0.483 ms
Loss rate: 0.00%
```

## Run 1: Report of Copa — Data Link

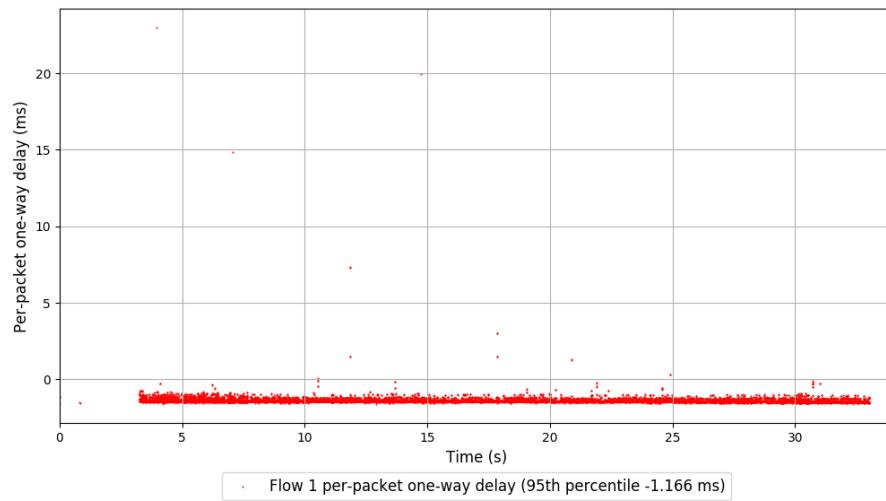
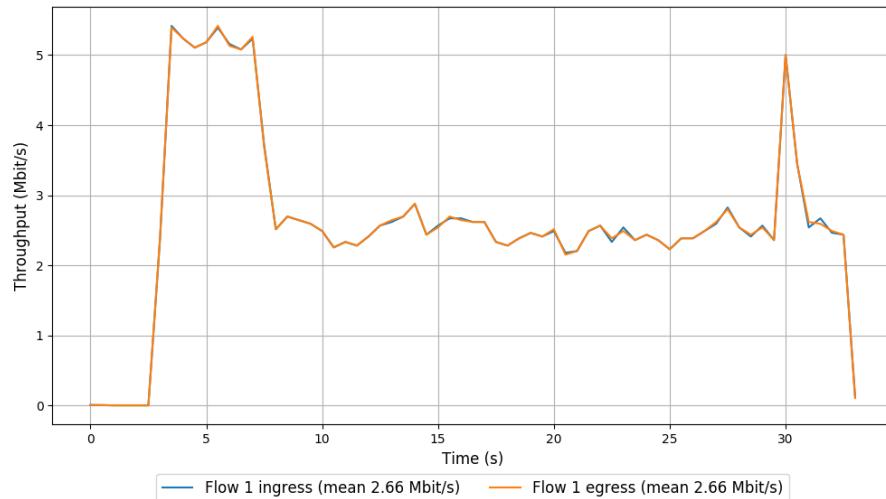


Run 2: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:26:25 +0000
End at: Mon, 19 Jun 2017 21:26:55 +0000
Local clock offset: -4.58 ms
Remote clock offset: -1.036 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: -1.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: -1.166 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

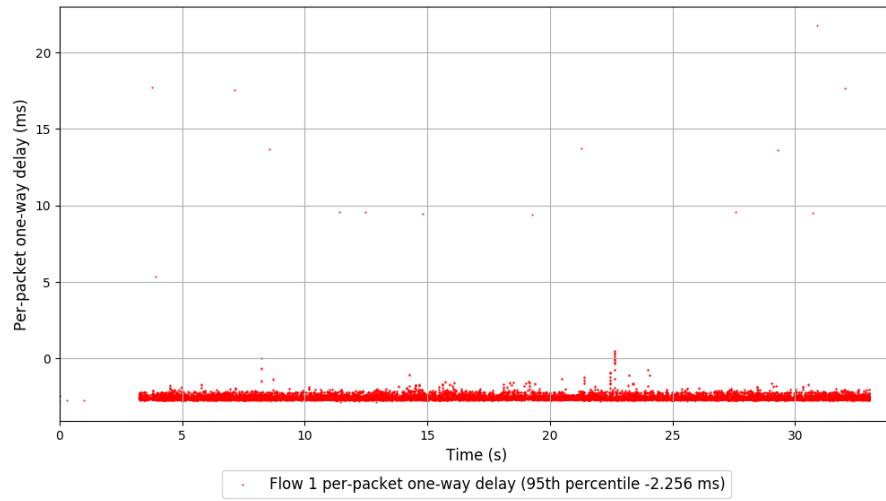
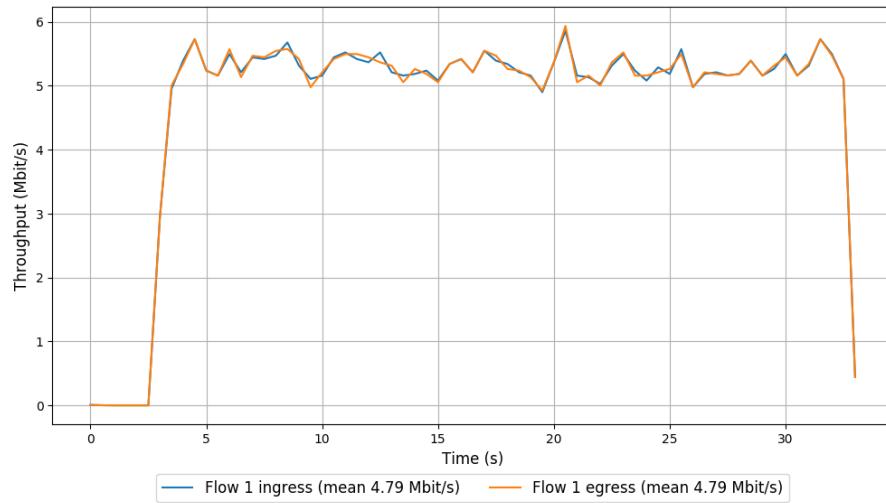


Run 3: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 21:44:50 +0000
End at: Mon, 19 Jun 2017 21:45:20 +0000
Local clock offset: -5.645 ms
Remote clock offset: -0.787 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.79 Mbit/s
95th percentile per-packet one-way delay: -2.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.79 Mbit/s
95th percentile per-packet one-way delay: -2.256 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

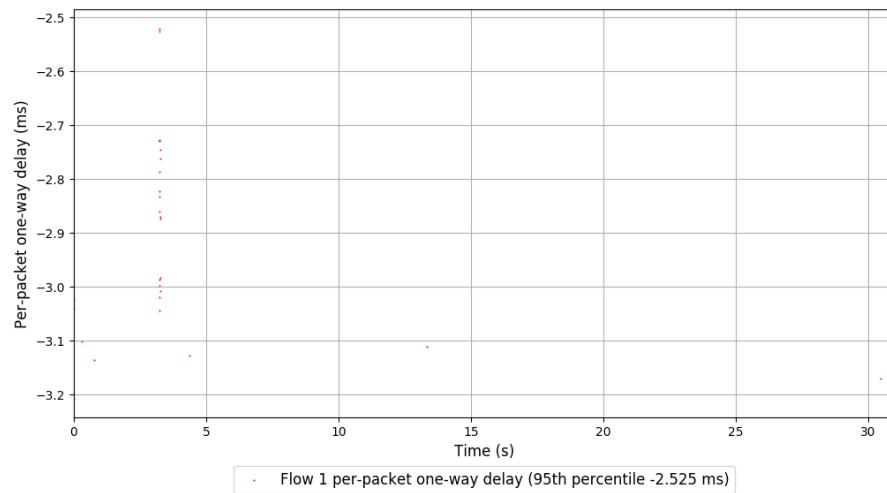
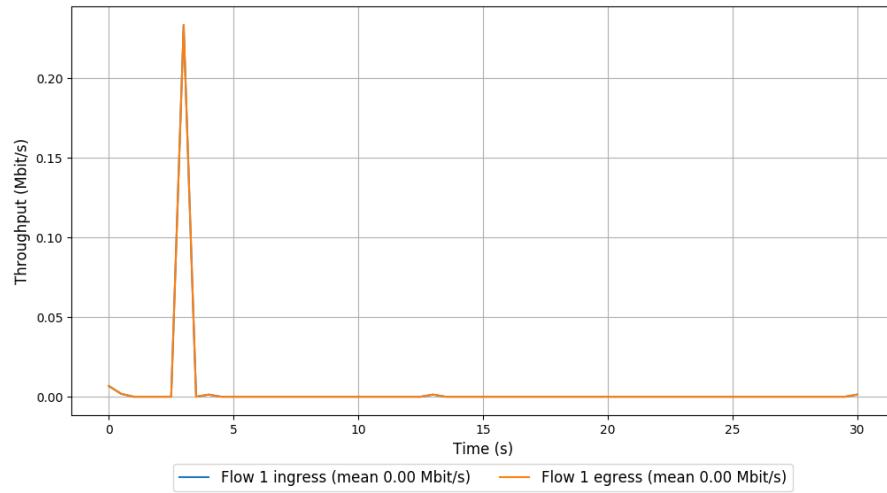


Run 4: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:03:13 +0000
End at: Mon, 19 Jun 2017 22:03:43 +0000
Local clock offset: -5.618 ms
Remote clock offset: -0.482 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -2.525 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -2.525 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

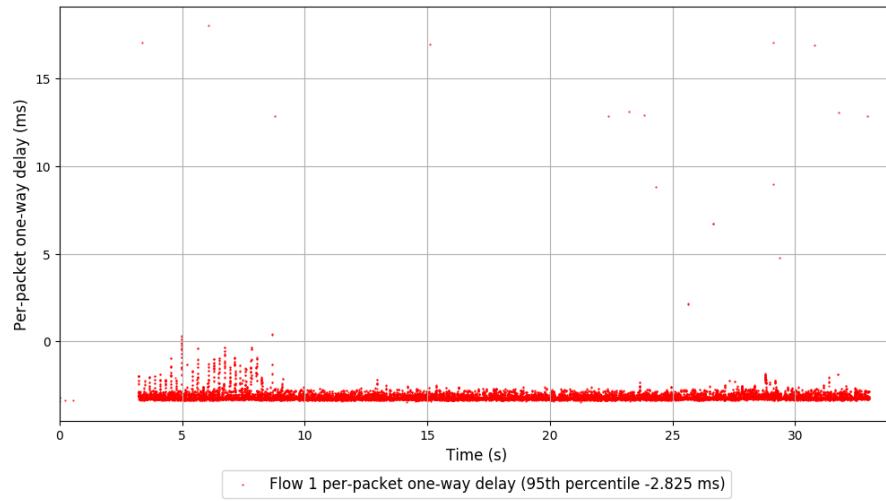
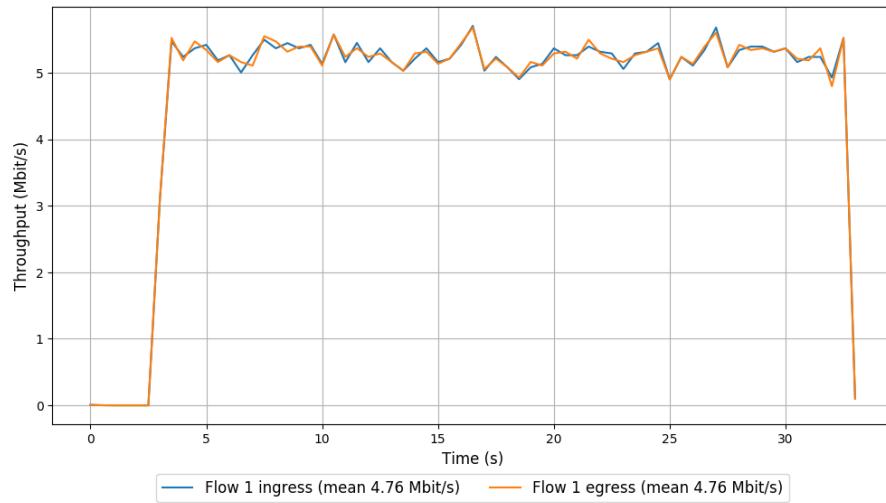


Run 5: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:21:20 +0000
End at: Mon, 19 Jun 2017 22:21:50 +0000
Local clock offset: -5.56 ms
Remote clock offset: -0.123 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.76 Mbit/s
95th percentile per-packet one-way delay: -2.825 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.76 Mbit/s
95th percentile per-packet one-way delay: -2.825 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

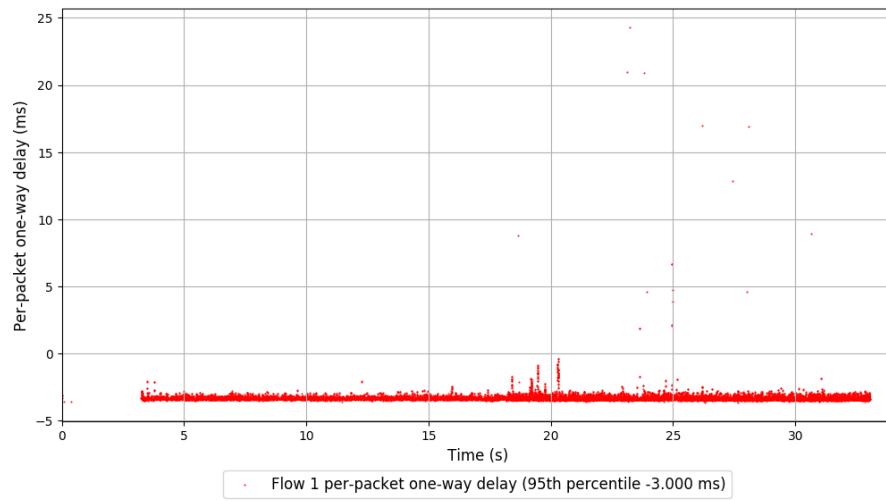
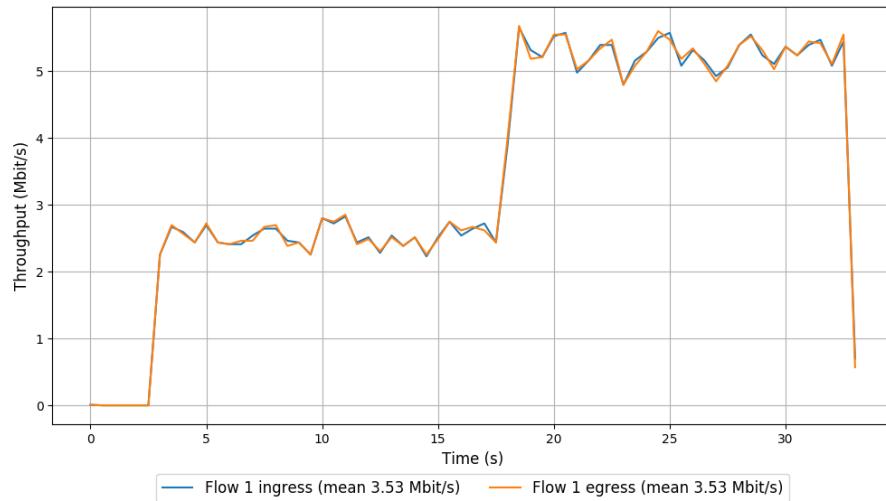


Run 6: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:39:39 +0000
End at: Mon, 19 Jun 2017 22:40:09 +0000
Local clock offset: -5.489 ms
Remote clock offset: 0.035 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.53 Mbit/s
95th percentile per-packet one-way delay: -3.000 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.53 Mbit/s
95th percentile per-packet one-way delay: -3.000 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

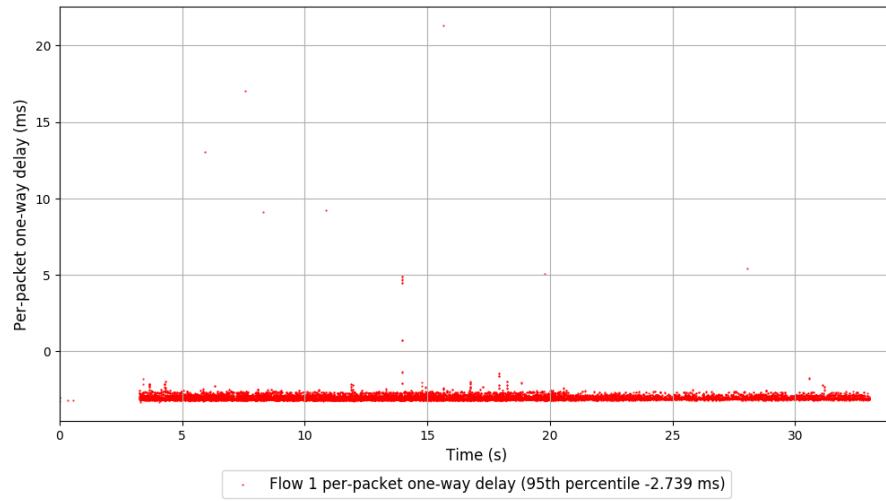
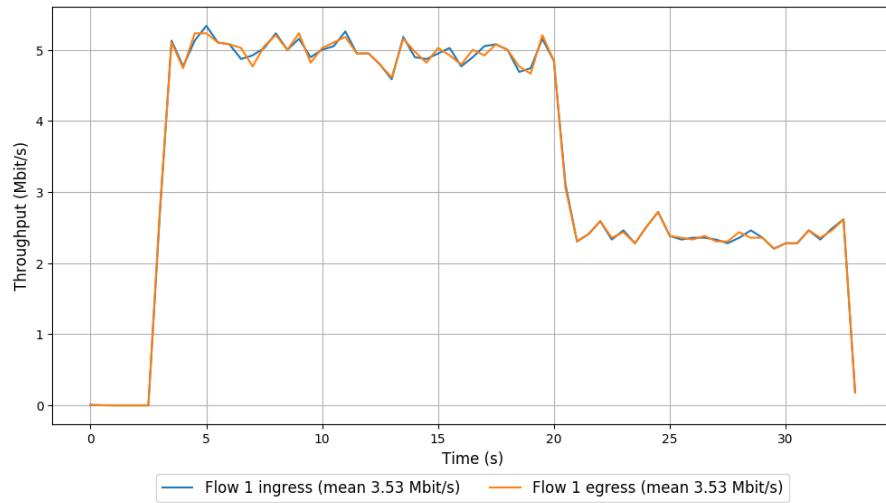


Run 7: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 22:58:15 +0000
End at: Mon, 19 Jun 2017 22:58:45 +0000
Local clock offset: -5.09 ms
Remote clock offset: 0.154 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.53 Mbit/s
95th percentile per-packet one-way delay: -2.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.53 Mbit/s
95th percentile per-packet one-way delay: -2.739 ms
Loss rate: 0.00%
```

## Run 7: Report of Copa — Data Link

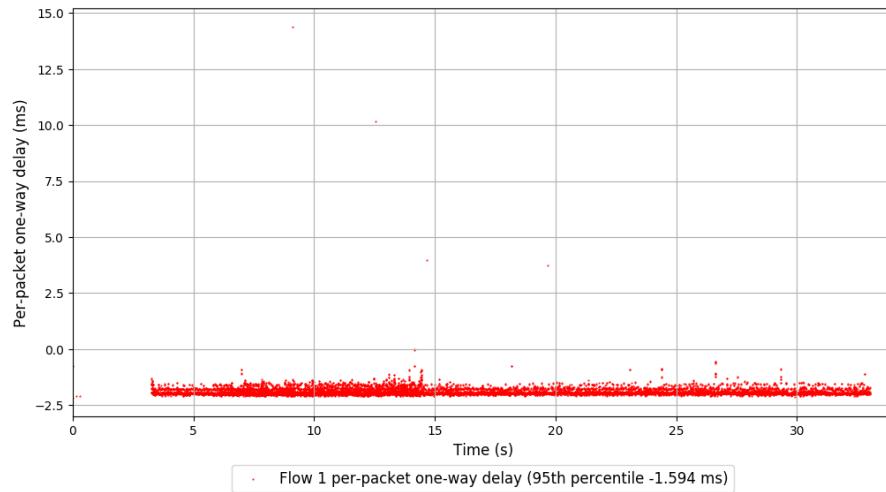
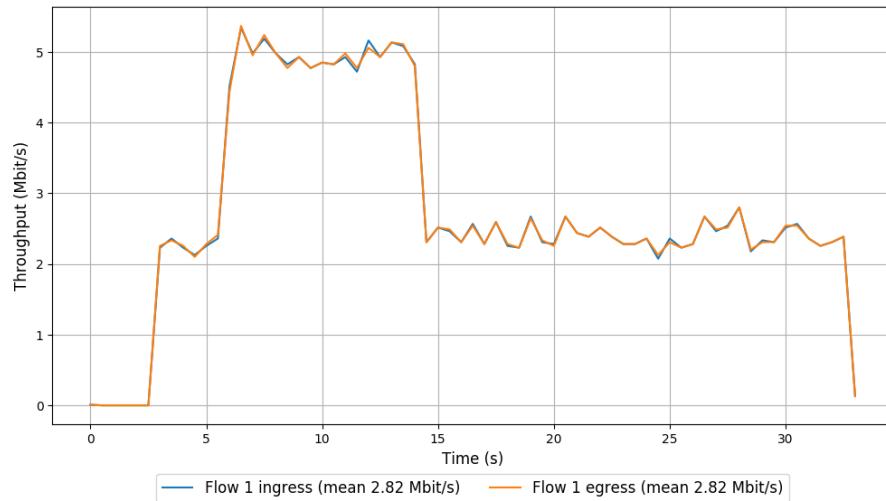


Run 8: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:16:22 +0000
End at: Mon, 19 Jun 2017 23:16:52 +0000
Local clock offset: -4.418 ms
Remote clock offset: 0.458 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: -1.594 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: -1.594 ms
Loss rate: 0.00%
```

## Run 8: Report of Copa — Data Link

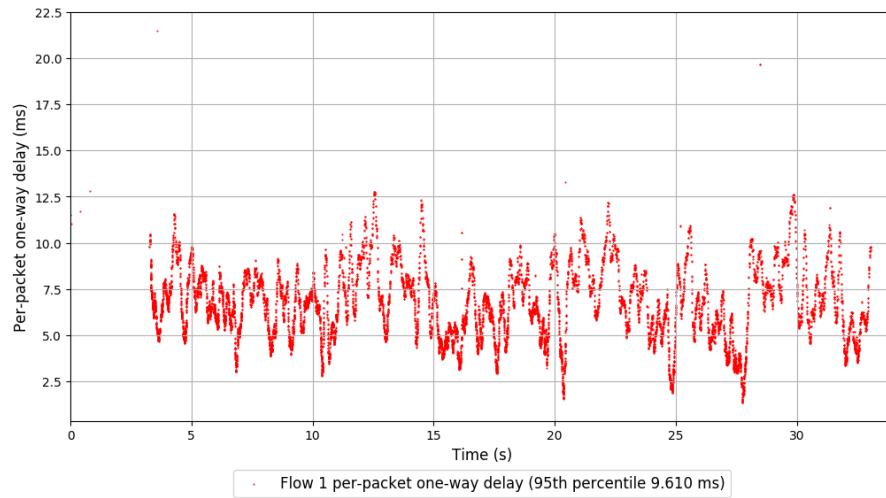
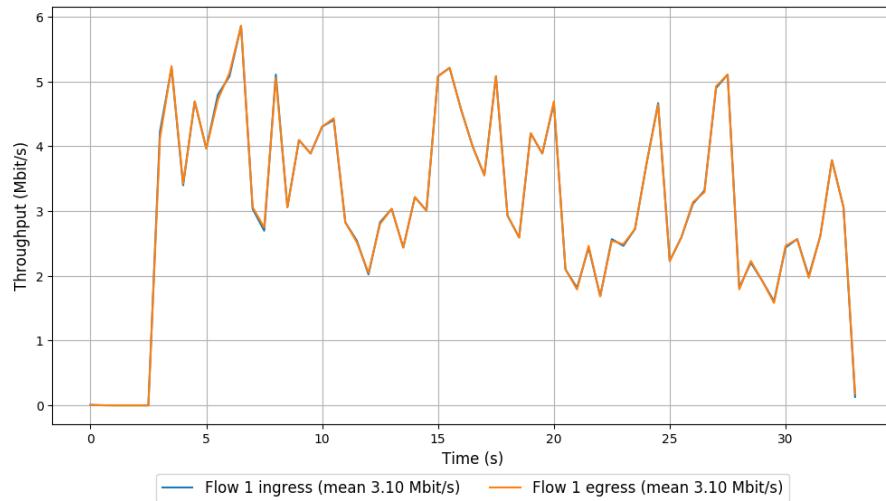


Run 9: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:34:36 +0000
End at: Mon, 19 Jun 2017 23:35:06 +0000
Local clock offset: -2.75 ms
Remote clock offset: 0.787 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 9.610 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 9.610 ms
Loss rate: 0.00%
```

## Run 9: Report of Copa — Data Link

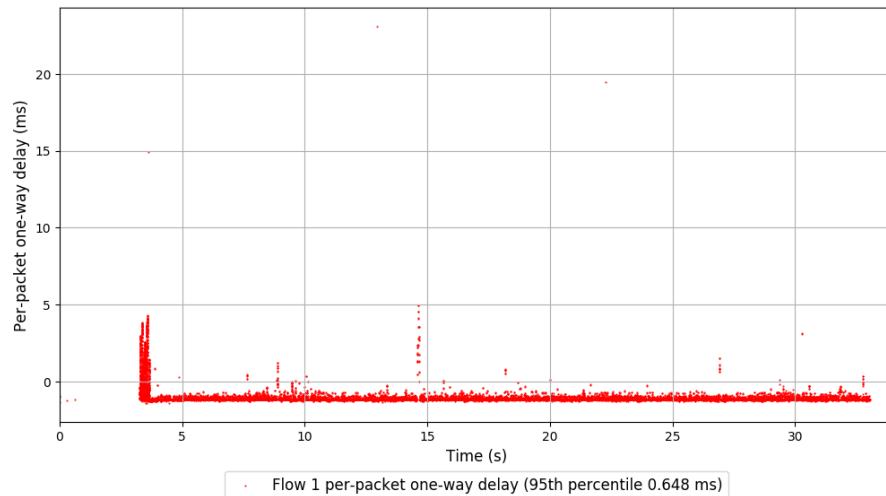
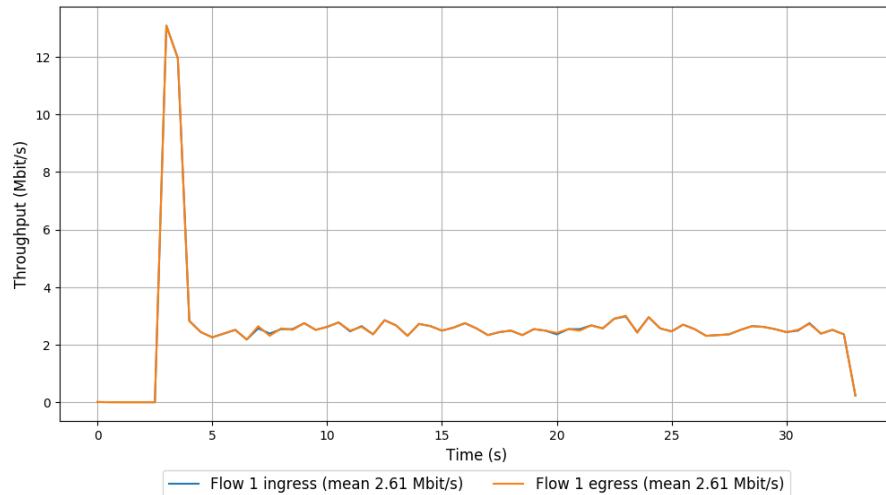


Run 10: Statistics of Copa

```
Start at: Mon, 19 Jun 2017 23:52:49 +0000
End at: Mon, 19 Jun 2017 23:53:19 +0000
Local clock offset: -2.207 ms
Remote clock offset: 1.205 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:26:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 0.648 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 0.648 ms
Loss rate: 0.00%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Mon, 19 Jun 2017 20:53:13 +0000
```

```
End at: Mon, 19 Jun 2017 20:53:43 +0000
```

```
Local clock offset: -5.014 ms
```

```
Remote clock offset: -1.406 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:27:19 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.481 ms
```

```
Loss rate: 0.66%
```

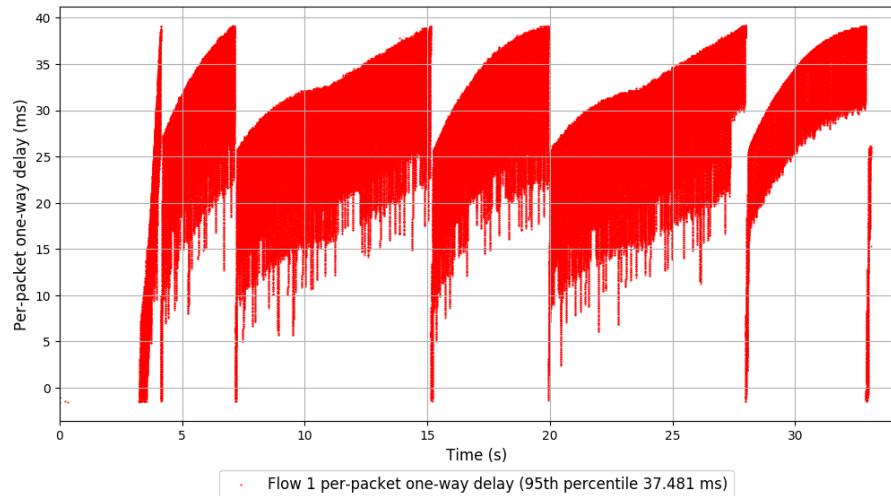
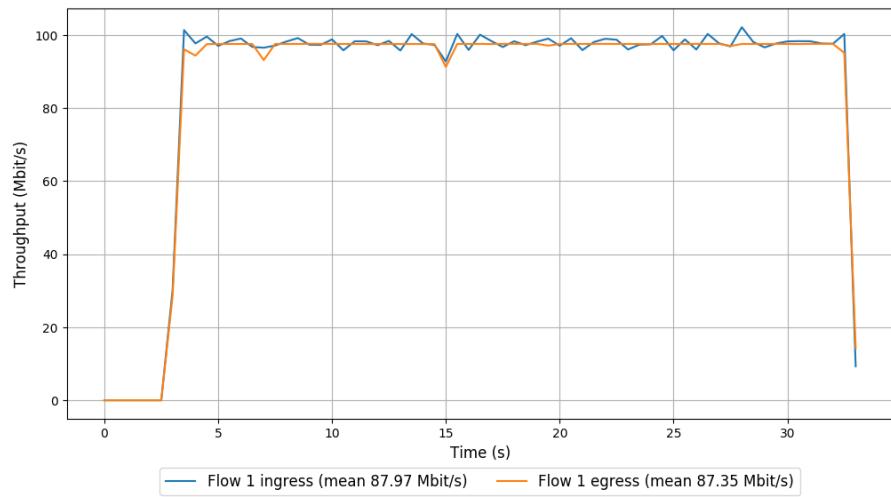
```
-- Flow 1:
```

```
Average throughput: 87.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 37.481 ms
```

```
Loss rate: 0.66%
```

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

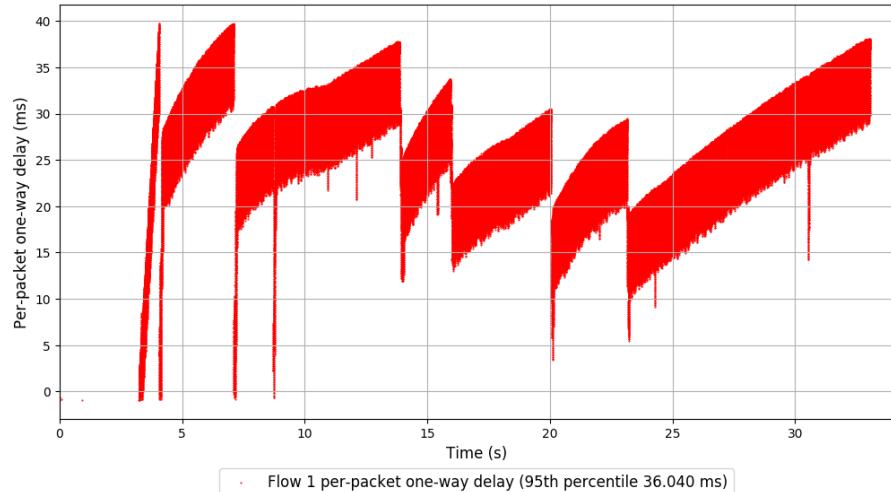
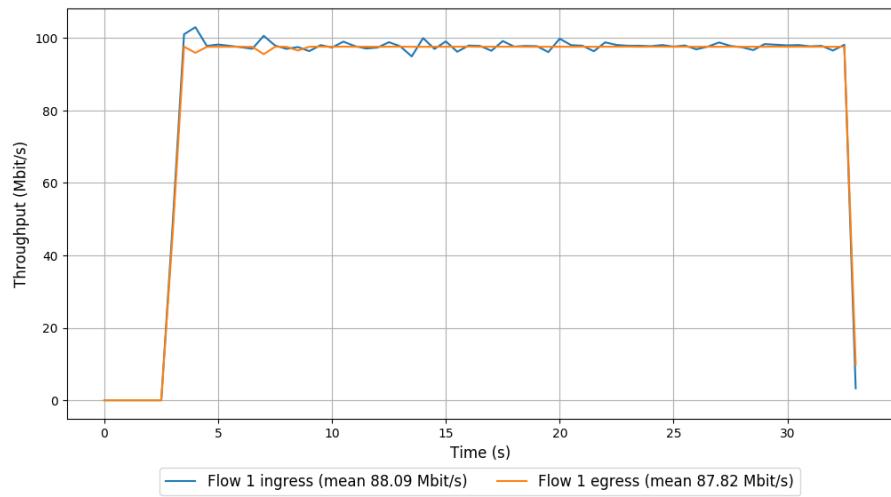


Run 2: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 21:11:47 +0000
End at: Mon, 19 Jun 2017 21:12:17 +0000
Local clock offset: -4.182 ms
Remote clock offset: -1.188 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:27:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 36.040 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 36.040 ms
Loss rate: 0.34%
```

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

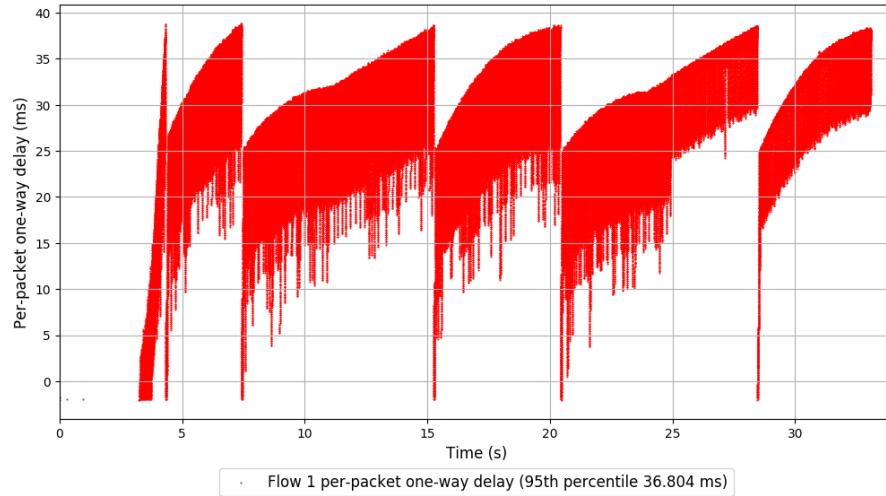
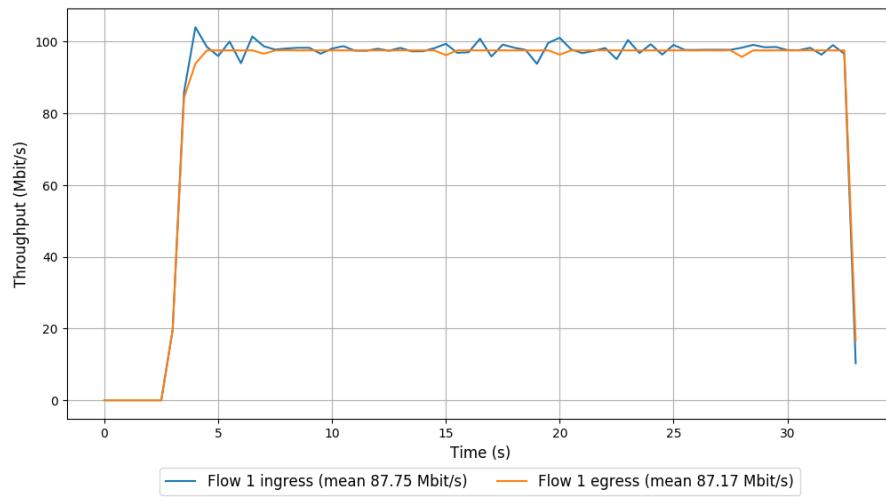


Run 3: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 21:30:17 +0000
End at: Mon, 19 Jun 2017 21:30:47 +0000
Local clock offset: -5.034 ms
Remote clock offset: -1.0 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.17 Mbit/s
95th percentile per-packet one-way delay: 36.804 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 87.17 Mbit/s
95th percentile per-packet one-way delay: 36.804 ms
Loss rate: 0.54%
```

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

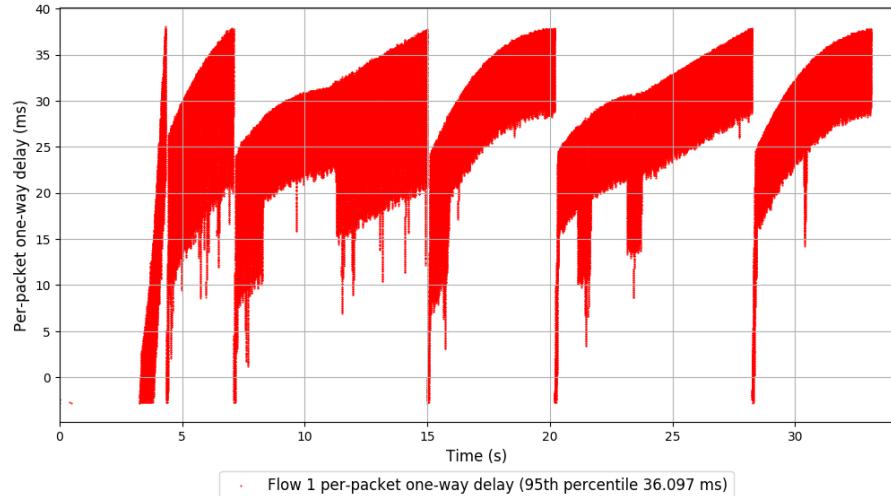
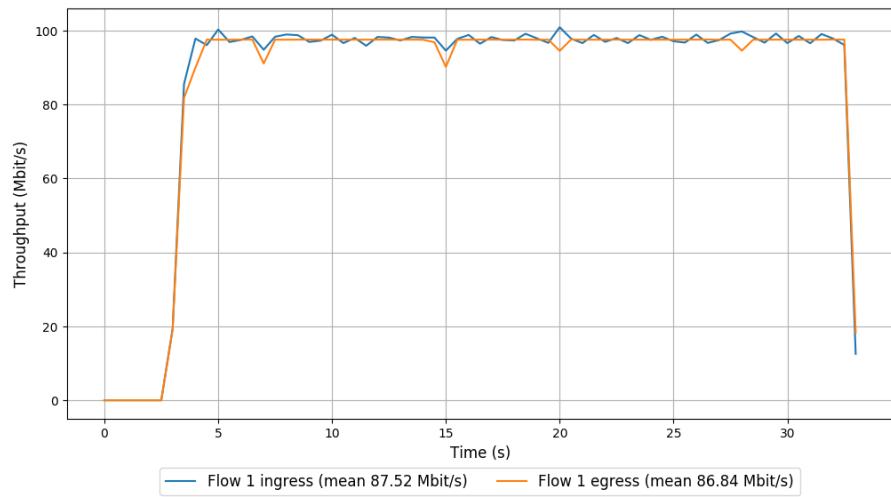


Run 4: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 21:48:26 +0000
End at: Mon, 19 Jun 2017 21:48:56 +0000
Local clock offset: -5.547 ms
Remote clock offset: -0.675 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 36.097 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 36.097 ms
Loss rate: 0.66%
```

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

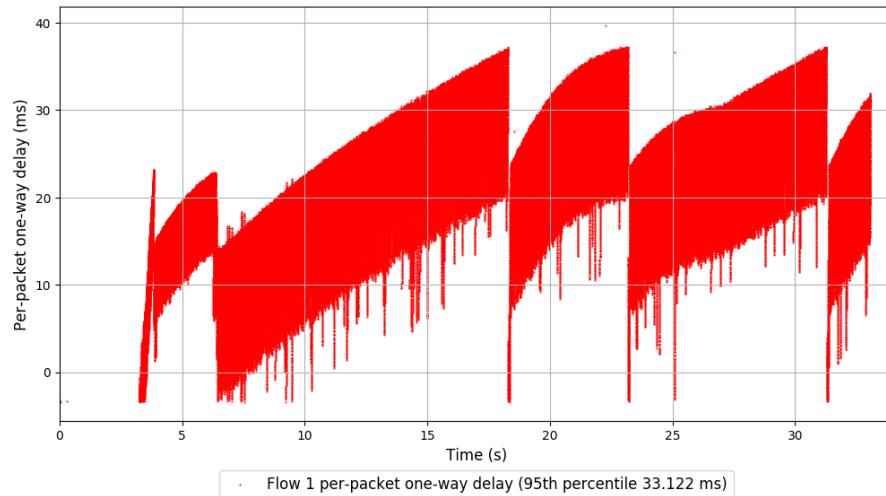
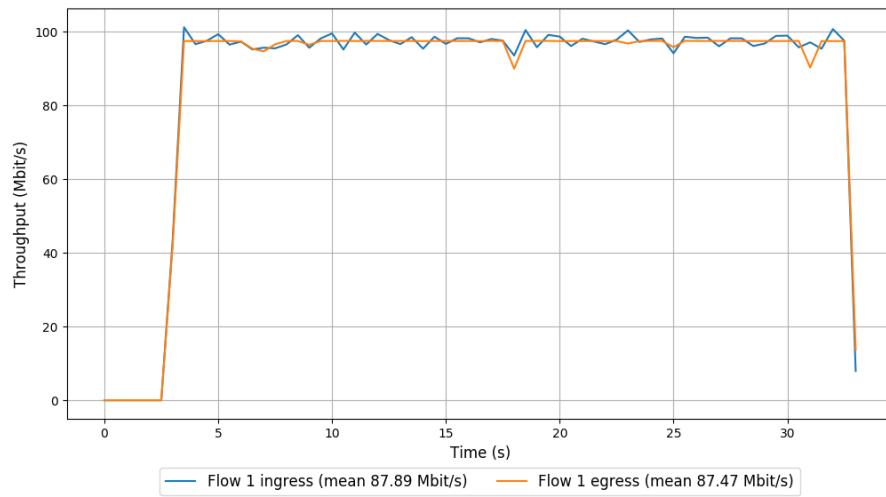


Run 5: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 22:07:00 +0000
End at: Mon, 19 Jun 2017 22:07:30 +0000
Local clock offset: -5.866 ms
Remote clock offset: -0.328 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 33.122 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 33.122 ms
Loss rate: 0.38%
```

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

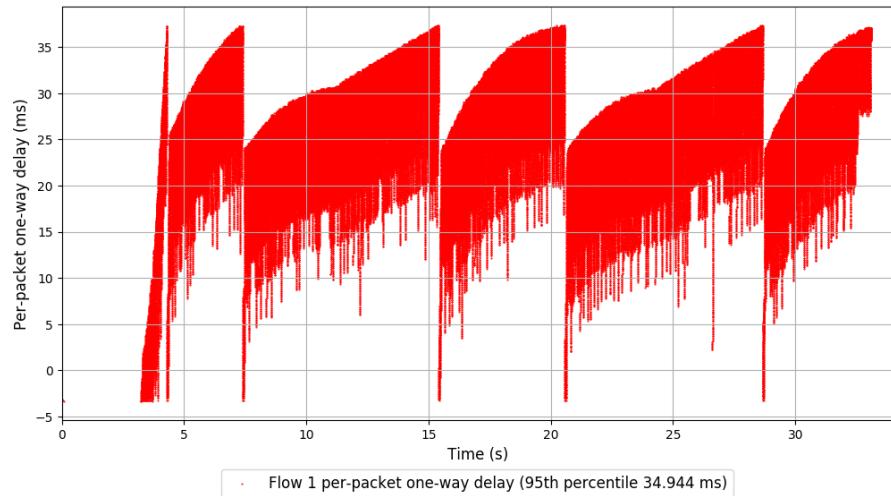
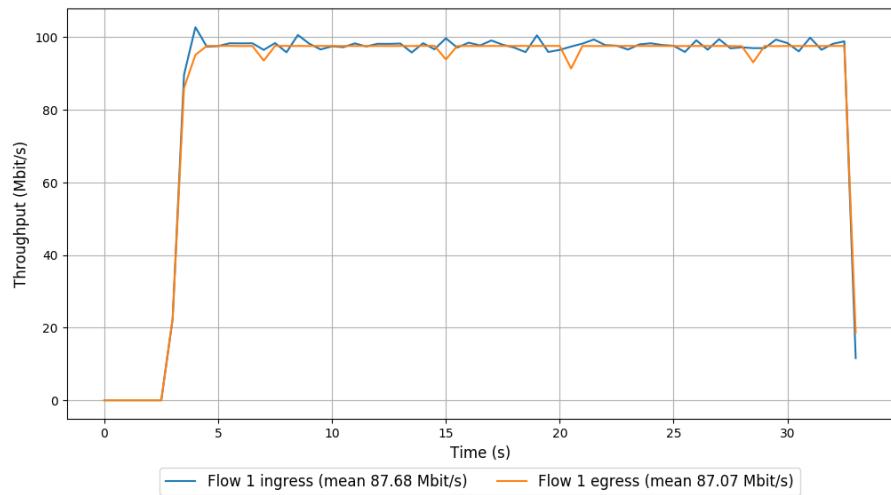


Run 6: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 22:25:10 +0000
End at: Mon, 19 Jun 2017 22:25:40 +0000
Local clock offset: -5.428 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:28:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 34.944 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 34.944 ms
Loss rate: 0.58%
```

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



Run 7: Statistics of TCP Cubic

Start at: Mon, 19 Jun 2017 22:43:35 +0000

End at: Mon, 19 Jun 2017 22:44:05 +0000

Local clock offset: -5.579 ms

Remote clock offset: 0.117 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:29:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.53 Mbit/s

95th percentile per-packet one-way delay: 35.662 ms

Loss rate: 0.79%

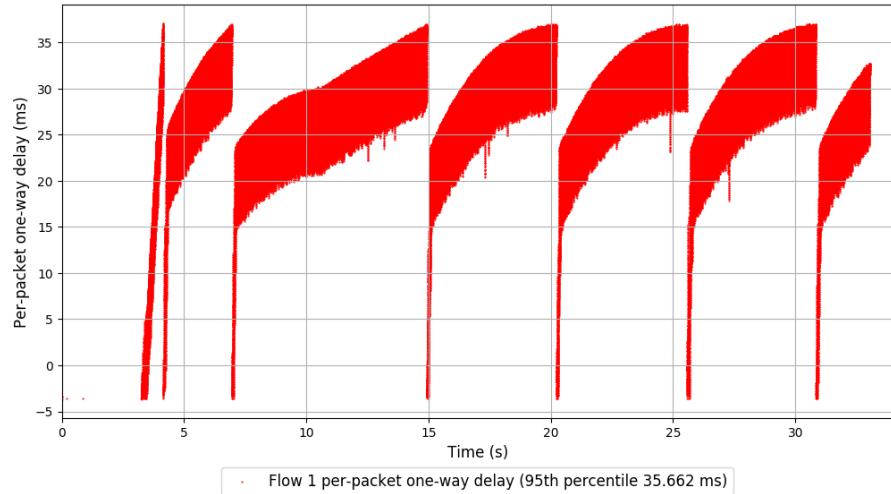
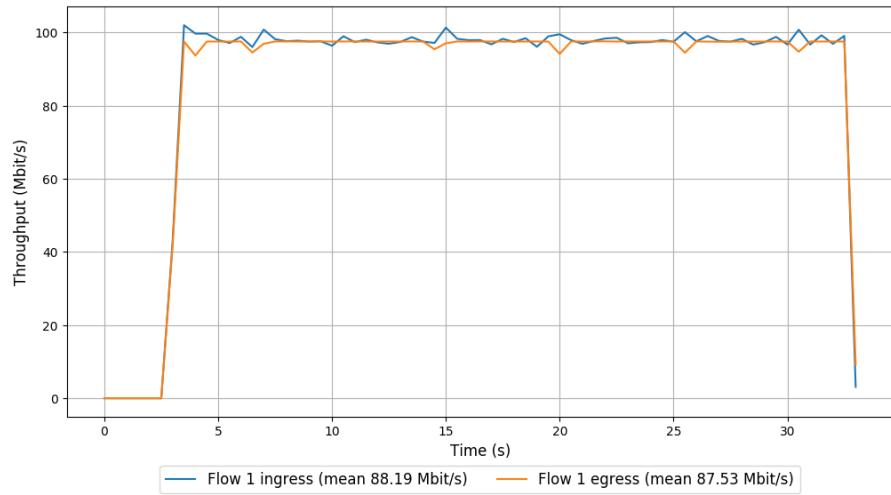
-- Flow 1:

Average throughput: 87.53 Mbit/s

95th percentile per-packet one-way delay: 35.662 ms

Loss rate: 0.79%

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

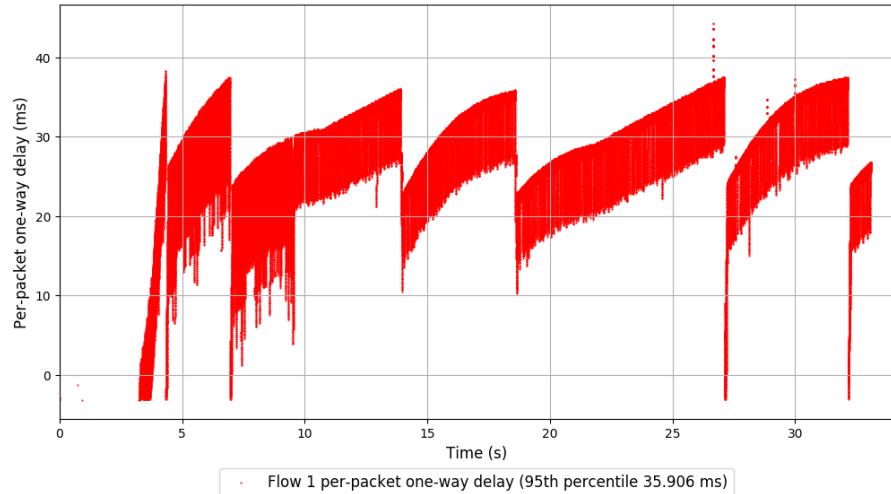
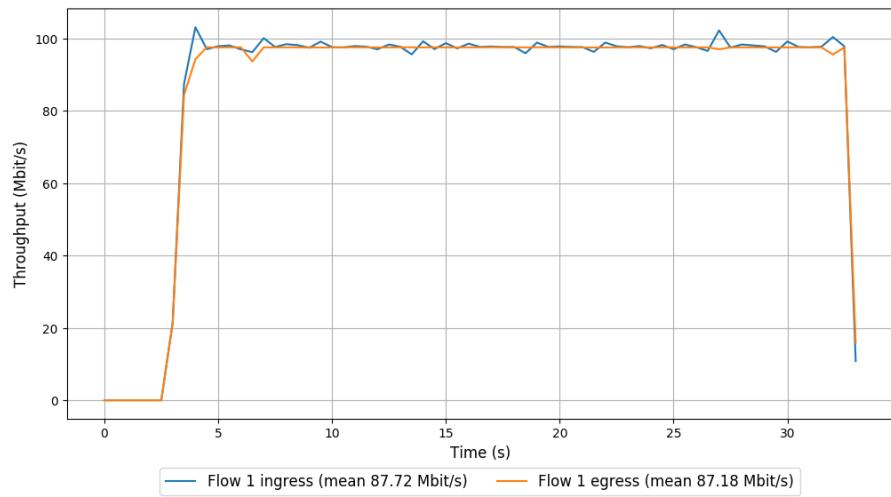


Run 8: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 23:02:00 +0000
End at: Mon, 19 Jun 2017 23:02:30 +0000
Local clock offset: -5.048 ms
Remote clock offset: 0.21 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:29:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 35.906 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 35.906 ms
Loss rate: 0.53%
```

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

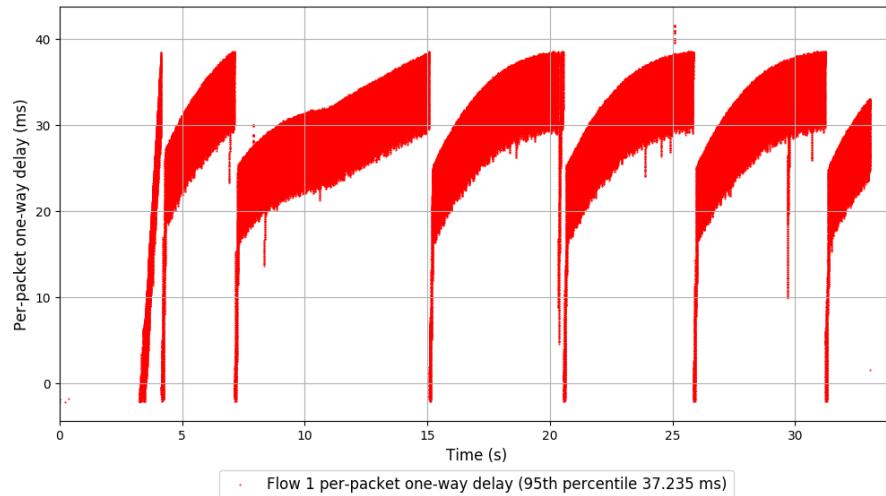
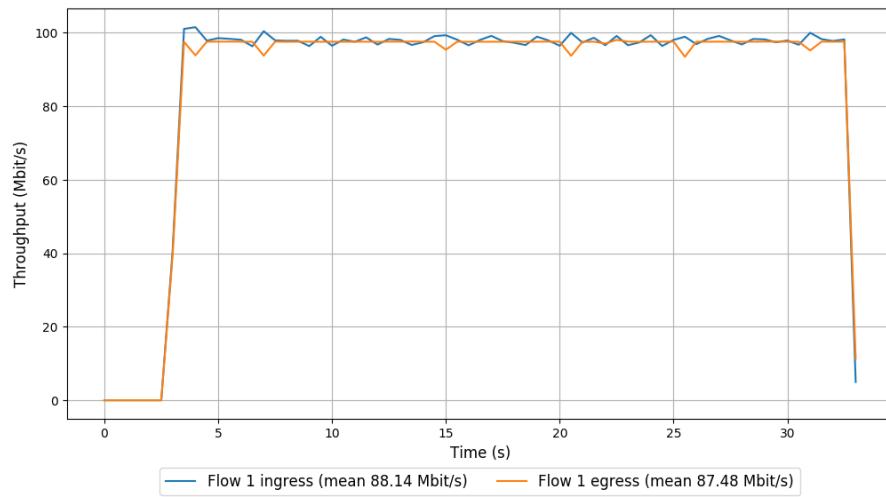


Run 9: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 23:20:04 +0000
End at: Mon, 19 Jun 2017 23:20:34 +0000
Local clock offset: -3.663 ms
Remote clock offset: 0.528 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:30:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 37.235 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 37.235 ms
Loss rate: 0.74%
```

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

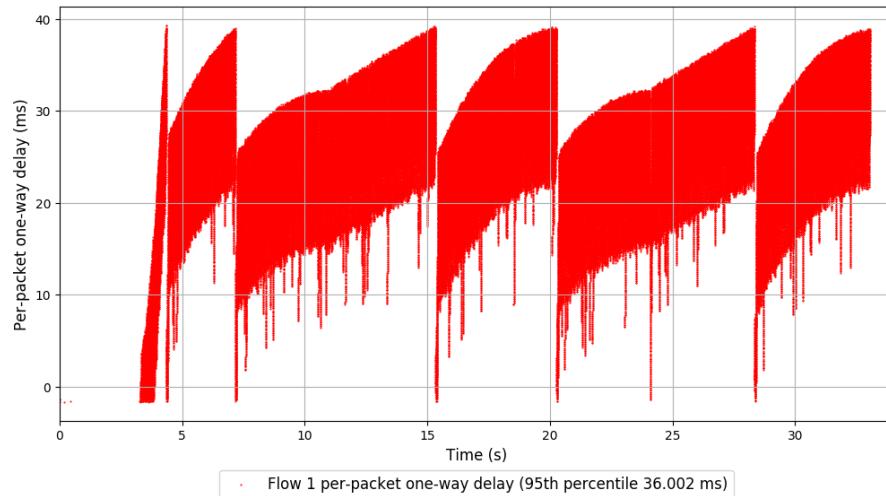
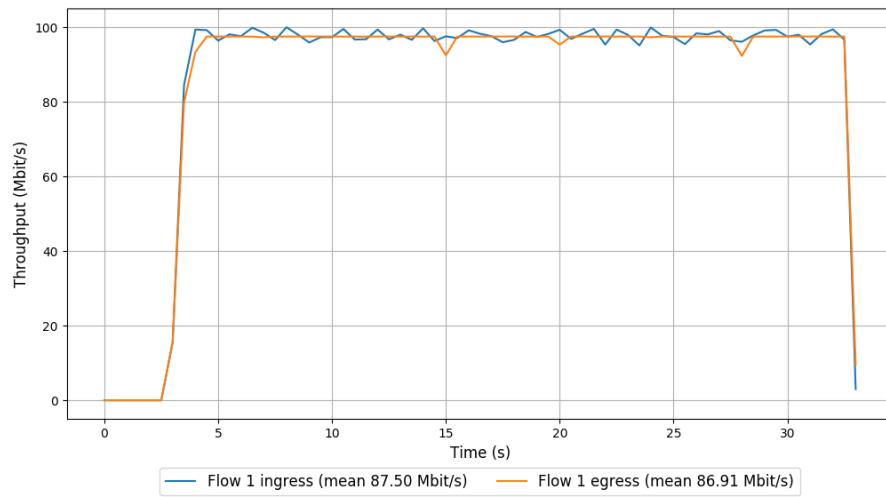


Run 10: Statistics of TCP Cubic

```
Start at: Mon, 19 Jun 2017 23:38:24 +0000
End at: Mon, 19 Jun 2017 23:38:54 +0000
Local clock offset: -2.87 ms
Remote clock offset: 0.822 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:30:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 36.002 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 36.002 ms
Loss rate: 0.56%
```

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



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

```
Start at: Mon, 19 Jun 2017 21:00:17 +0000
```

```
End at: Mon, 19 Jun 2017 21:00:47 +0000
```

```
Local clock offset: -4.729 ms
```

```
Remote clock offset: -1.348 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:30:42 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.04 Mbit/s
```

```
95th percentile per-packet one-way delay: -0.970 ms
```

```
Loss rate: 0.00%
```

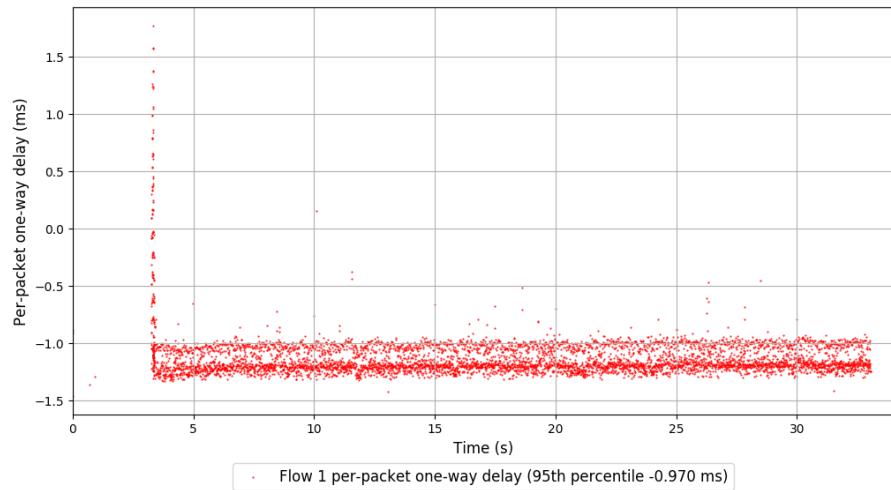
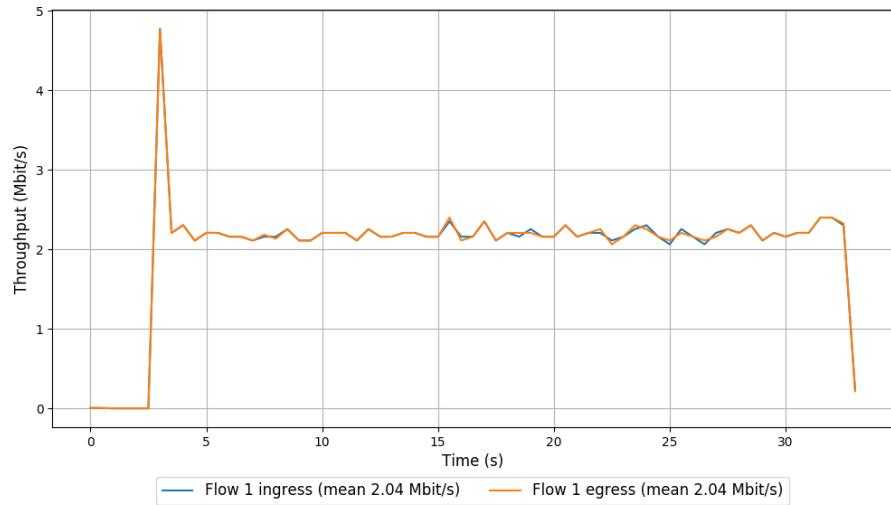
```
-- Flow 1:
```

```
Average throughput: 2.04 Mbit/s
```

```
95th percentile per-packet one-way delay: -0.970 ms
```

```
Loss rate: 0.00%
```

## Run 1: Report of KohoCC — Data Link

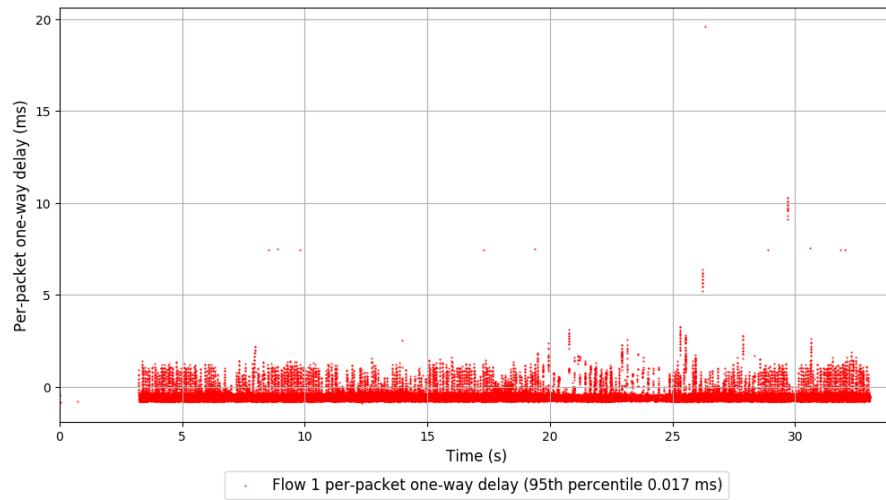
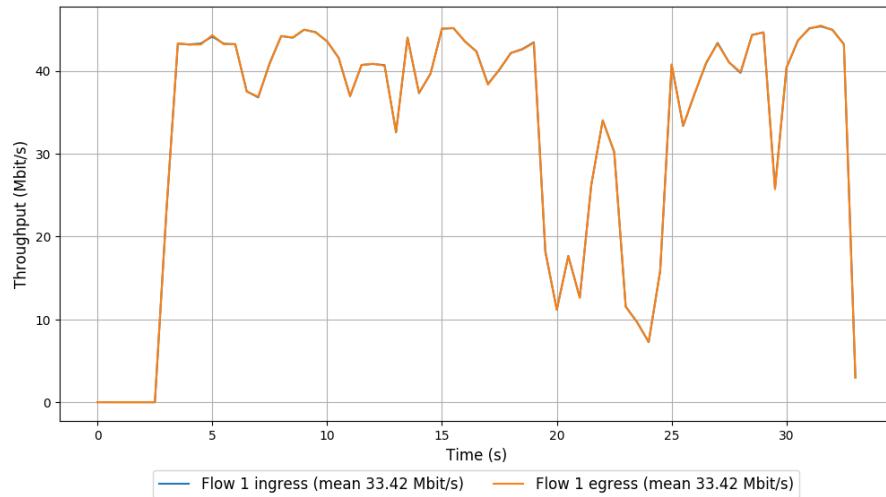


Run 2: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 21:18:52 +0000
End at: Mon, 19 Jun 2017 21:19:22 +0000
Local clock offset: -3.981 ms
Remote clock offset: -1.151 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:30:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 0.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 0.017 ms
Loss rate: 0.00%
```

## Run 2: Report of KohoCC — Data Link

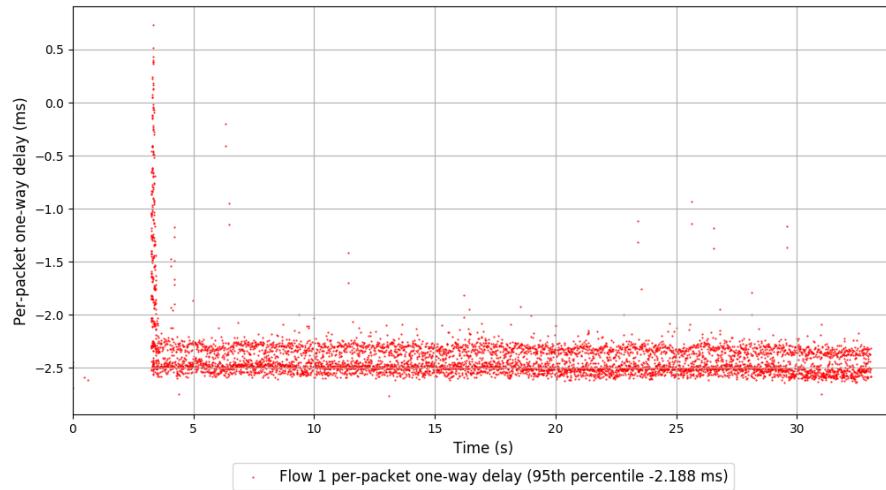
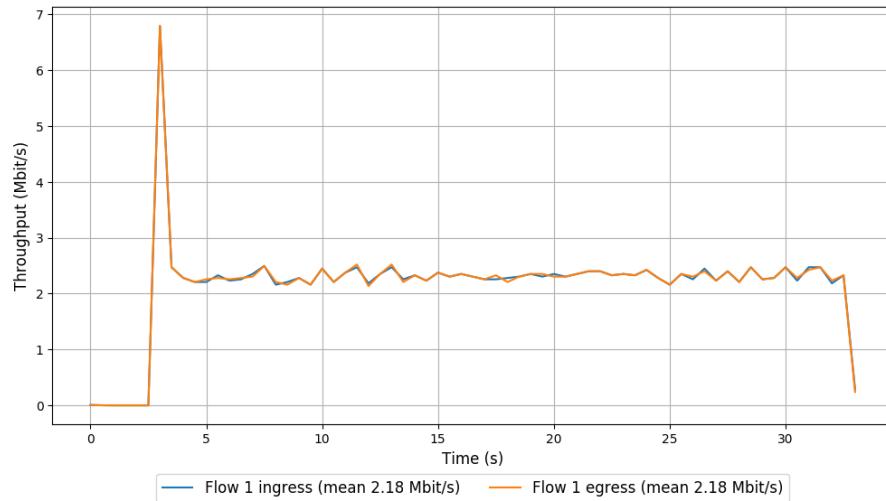


Run 3: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 21:37:22 +0000
End at: Mon, 19 Jun 2017 21:37:52 +0000
Local clock offset: -5.595 ms
Remote clock offset: -0.907 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:30:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: -2.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: -2.188 ms
Loss rate: 0.00%
```

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

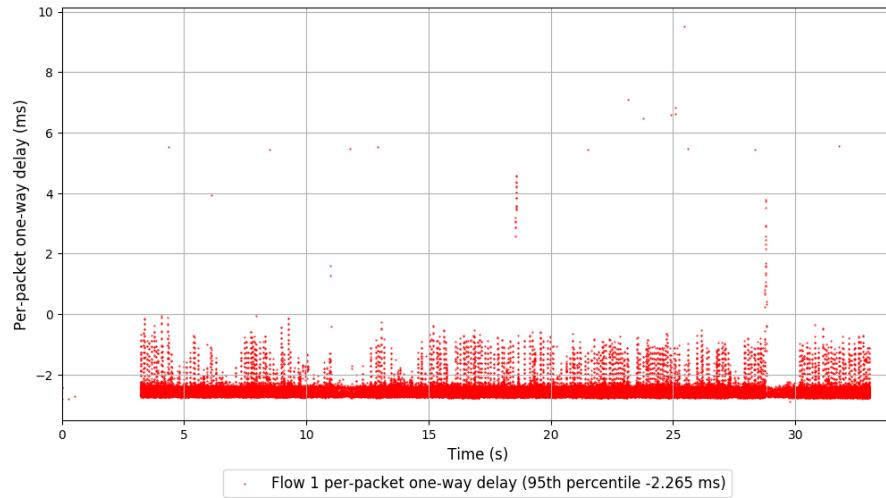
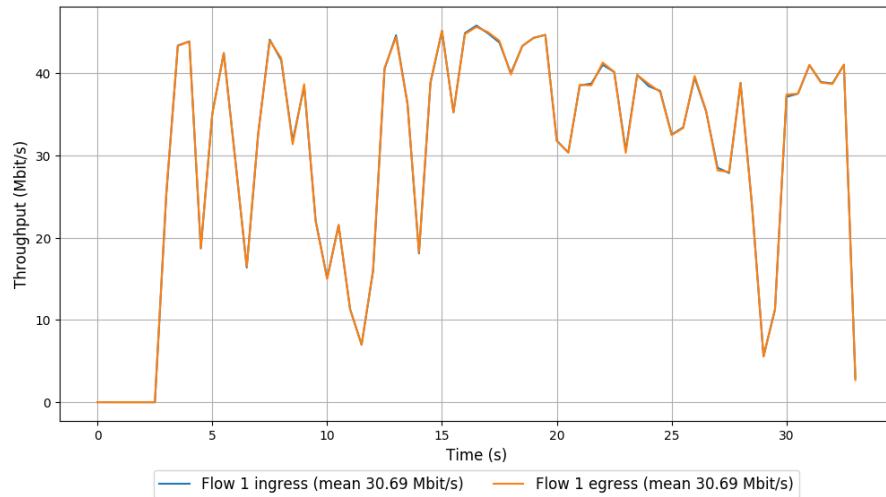


Run 4: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 21:55:29 +0000
End at: Mon, 19 Jun 2017 21:55:59 +0000
Local clock offset: -5.414 ms
Remote clock offset: -0.605 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: -2.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: -2.265 ms
Loss rate: 0.00%
```

## Run 4: Report of KohoCC — Data Link

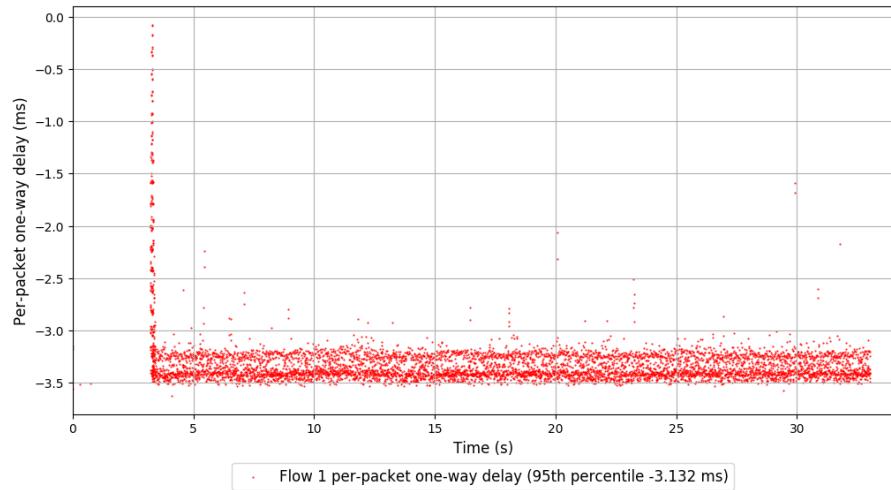
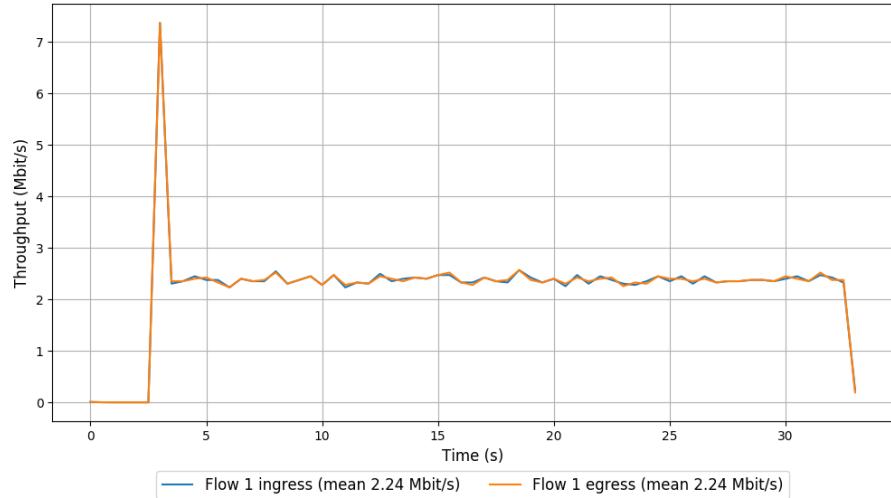


Run 5: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 22:13:59 +0000
End at: Mon, 19 Jun 2017 22:14:29 +0000
Local clock offset: -5.86 ms
Remote clock offset: -0.238 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: -3.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: -3.132 ms
Loss rate: 0.00%
```

## Run 5: Report of KohoCC — Data Link

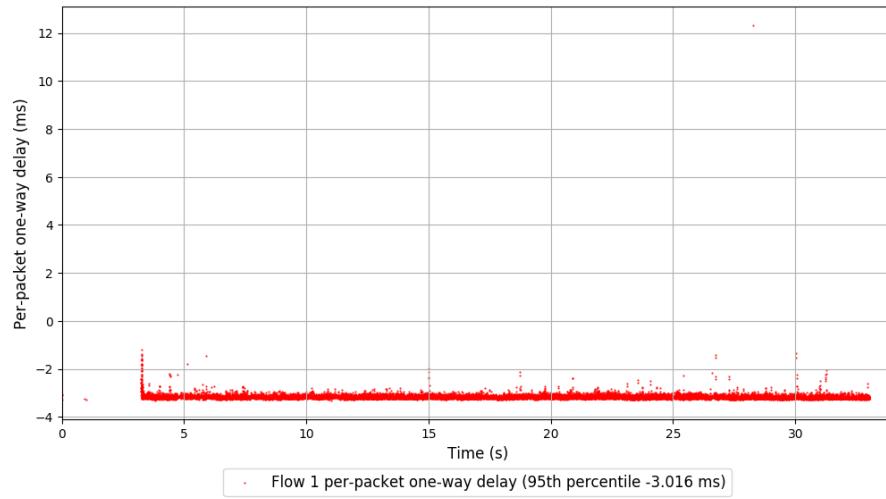
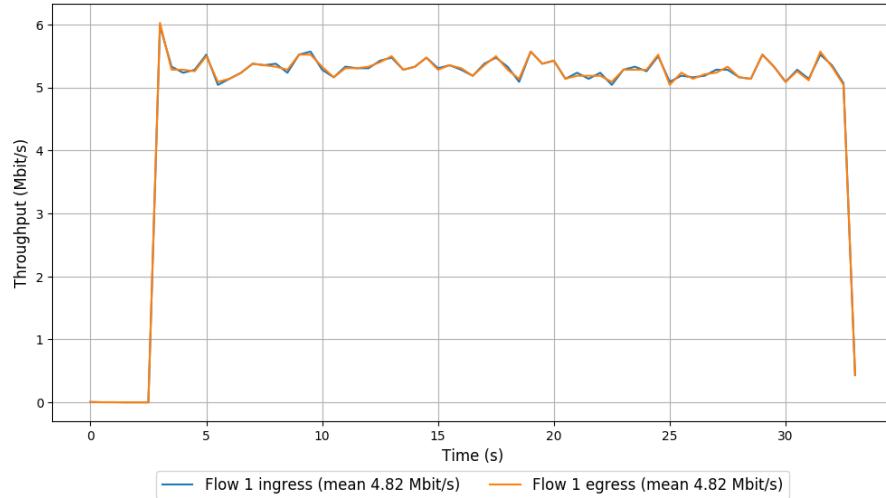


Run 6: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 22:32:10 +0000
End at: Mon, 19 Jun 2017 22:32:40 +0000
Local clock offset: -5.371 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: -3.016 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: -3.016 ms
Loss rate: 0.00%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Mon, 19 Jun 2017 22:50:43 +0000

End at: Mon, 19 Jun 2017 22:51:13 +0000

Local clock offset: -5.396 ms

Remote clock offset: 0.19 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.91 Mbit/s

95th percentile per-packet one-way delay: -3.217 ms

Loss rate: 0.00%

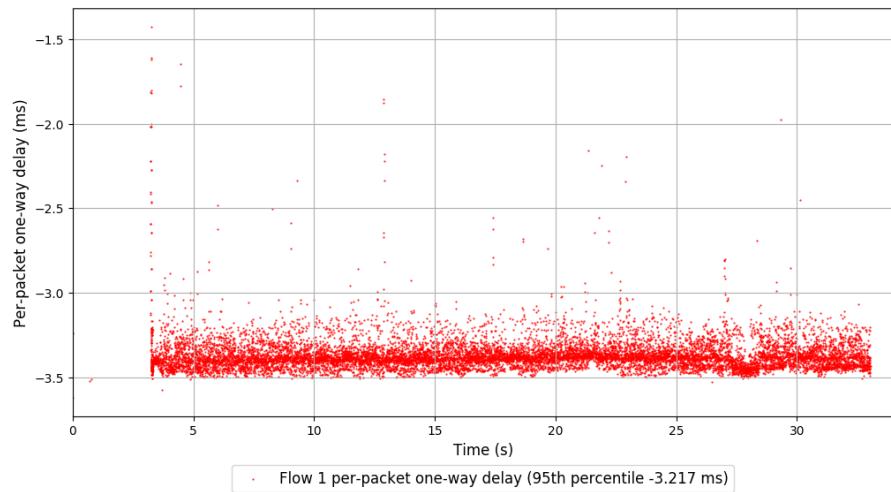
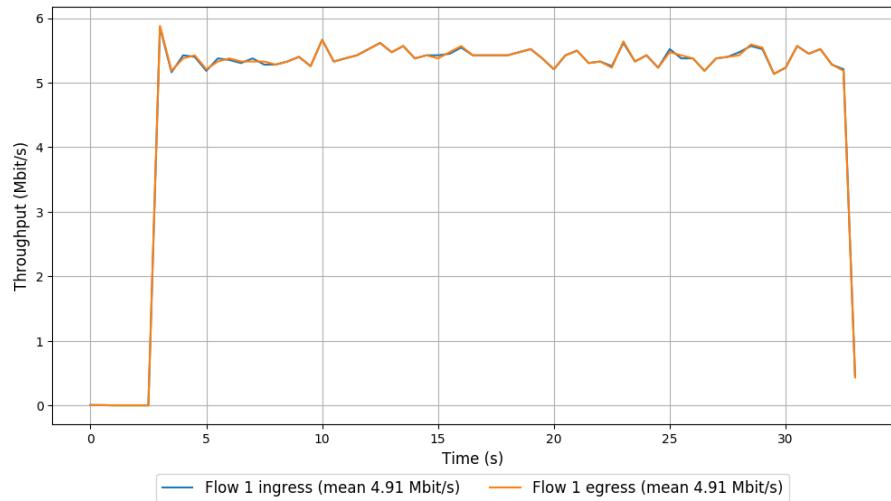
-- Flow 1:

Average throughput: 4.91 Mbit/s

95th percentile per-packet one-way delay: -3.217 ms

Loss rate: 0.00%

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

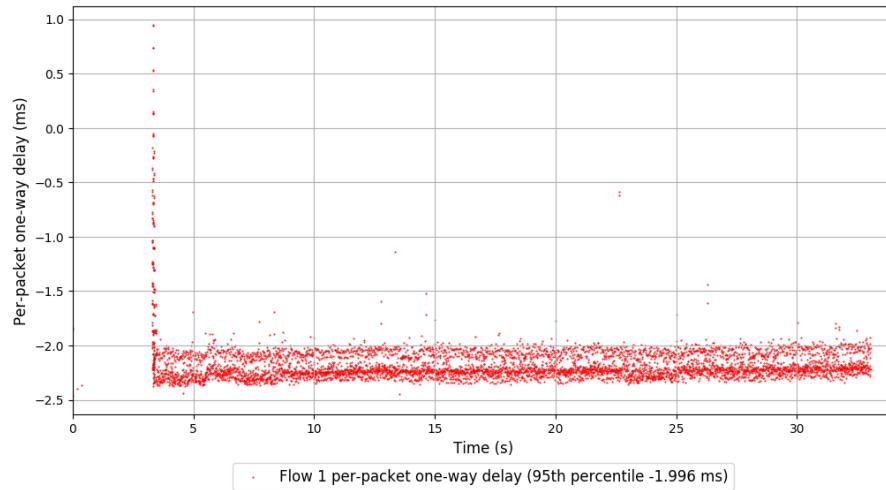
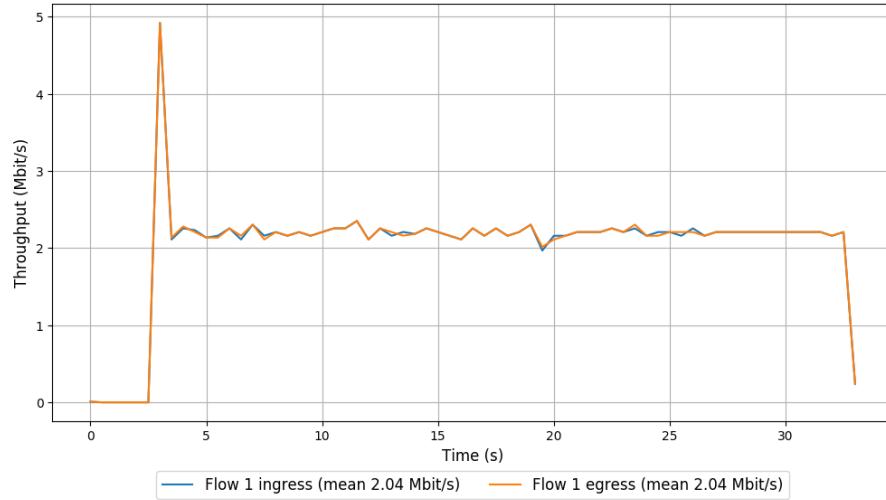


Run 8: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 23:08:58 +0000
End at: Mon, 19 Jun 2017 23:09:28 +0000
Local clock offset: -4.148 ms
Remote clock offset: 0.326 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: -1.996 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: -1.996 ms
Loss rate: 0.00%
```

## Run 8: Report of KohoCC — Data Link

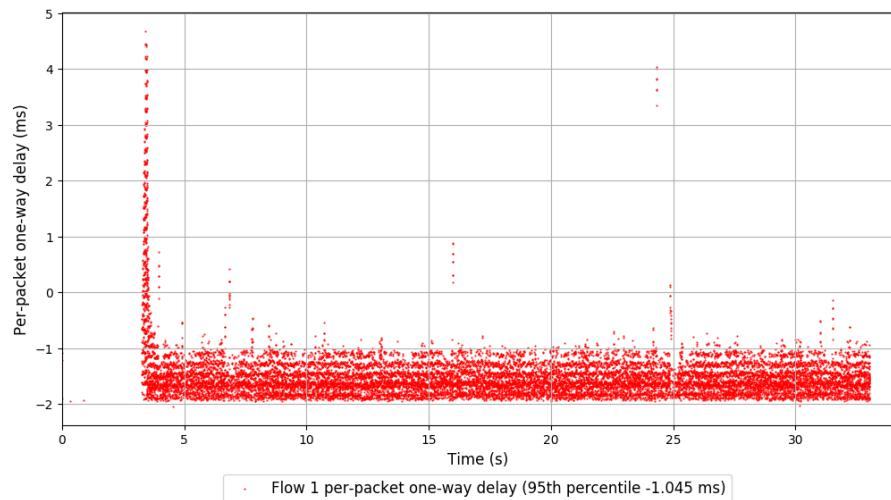
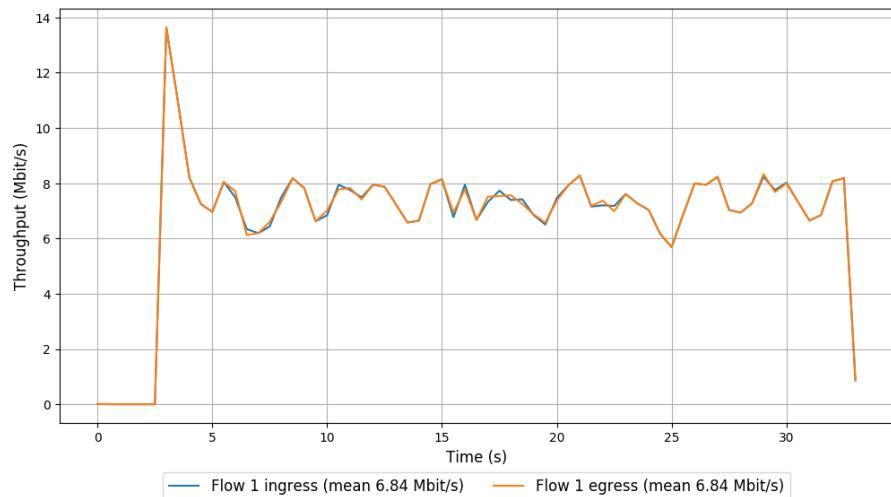


Run 9: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 23:27:03 +0000
End at: Mon, 19 Jun 2017 23:27:33 +0000
Local clock offset: -3.388 ms
Remote clock offset: 0.689 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: -1.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: -1.045 ms
Loss rate: 0.00%
```

## Run 9: Report of KohoCC — Data Link

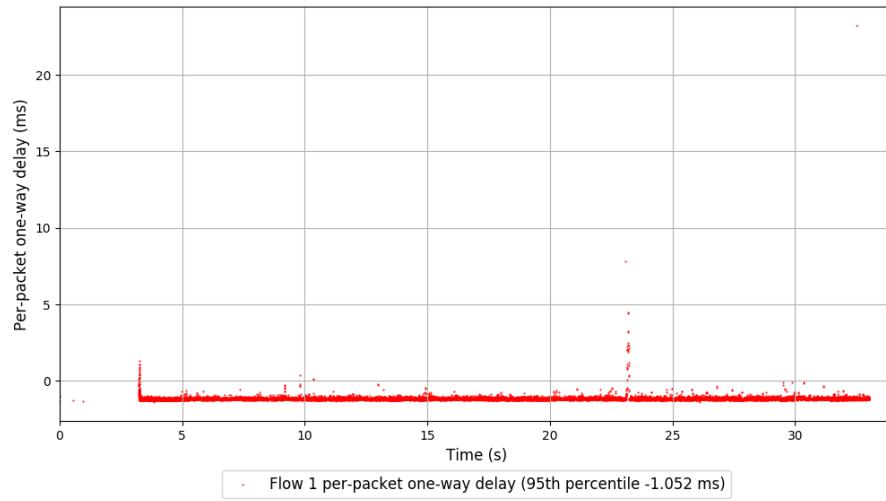
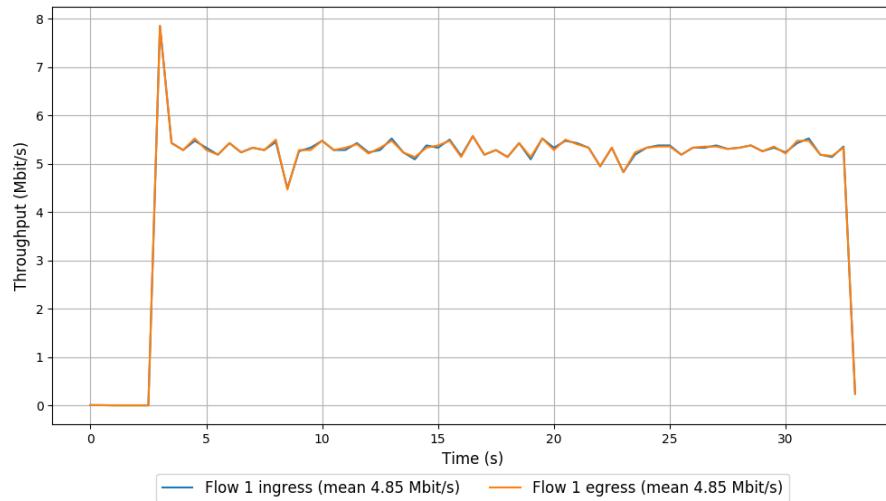


Run 10: Statistics of KohoCC

```
Start at: Mon, 19 Jun 2017 23:45:24 +0000
End at: Mon, 19 Jun 2017 23:45:54 +0000
Local clock offset: -2.317 ms
Remote clock offset: 1.118 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: -1.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: -1.052 ms
Loss rate: 0.00%
```

## Run 10: Report of KohoCC — Data Link

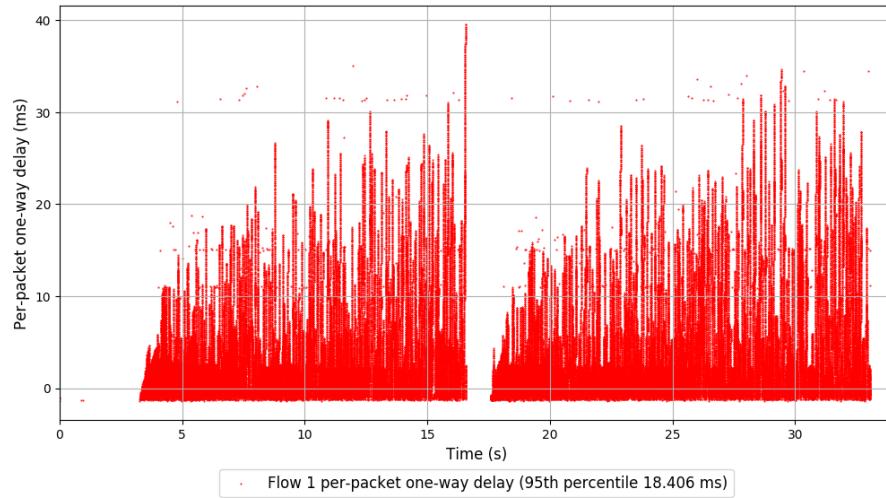
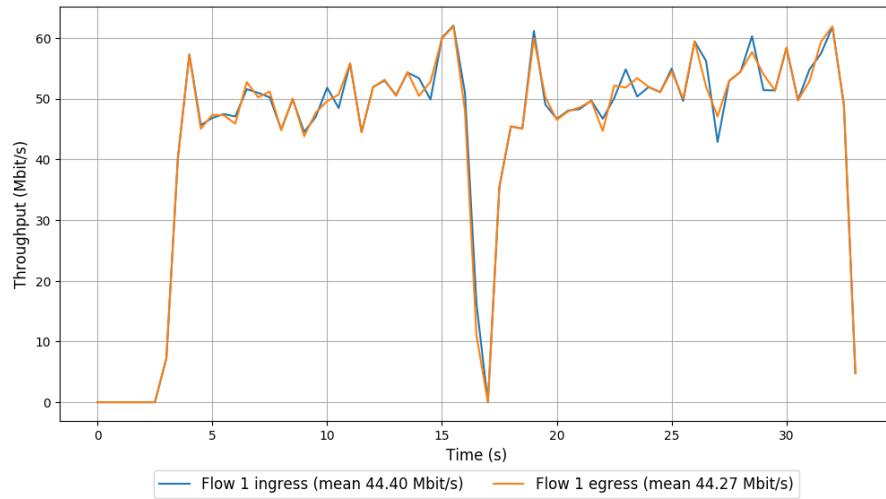


```
Run 1: Statistics of LEDBAT
```

```
Start at: Mon, 19 Jun 2017 21:01:22 +0000
End at: Mon, 19 Jun 2017 21:01:52 +0000
Local clock offset: -7.346 ms
Remote clock offset: -1.336 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.27 Mbit/s
95th percentile per-packet one-way delay: 18.406 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 44.27 Mbit/s
95th percentile per-packet one-way delay: 18.406 ms
Loss rate: 0.28%
```

## Run 1: Report of LEDBAT — Data Link

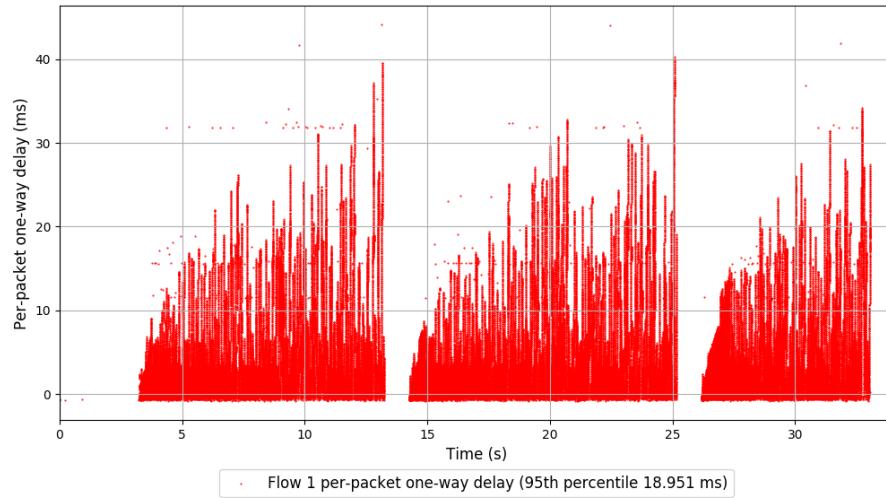
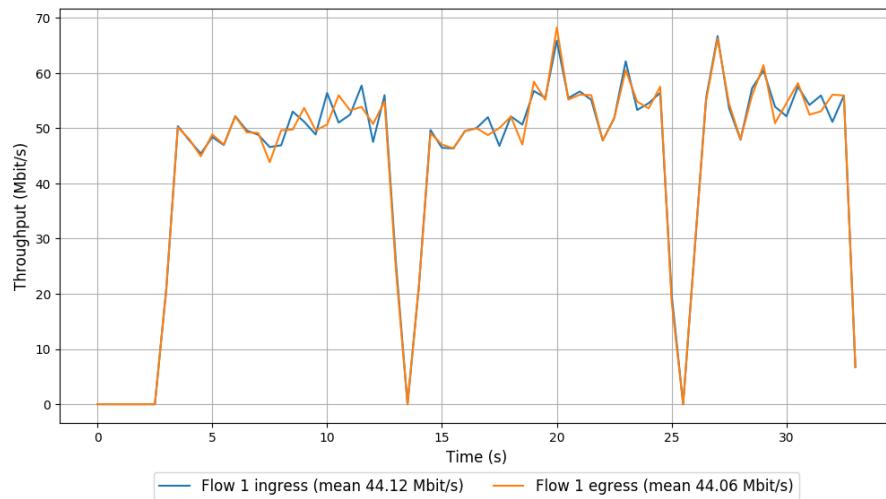


Run 2: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 21:20:07 +0000
End at: Mon, 19 Jun 2017 21:20:37 +0000
Local clock offset: -3.925 ms
Remote clock offset: -1.116 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:31:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.06 Mbit/s
95th percentile per-packet one-way delay: 18.951 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 44.06 Mbit/s
95th percentile per-packet one-way delay: 18.951 ms
Loss rate: 0.15%
```

## Run 2: Report of LEDBAT — Data Link

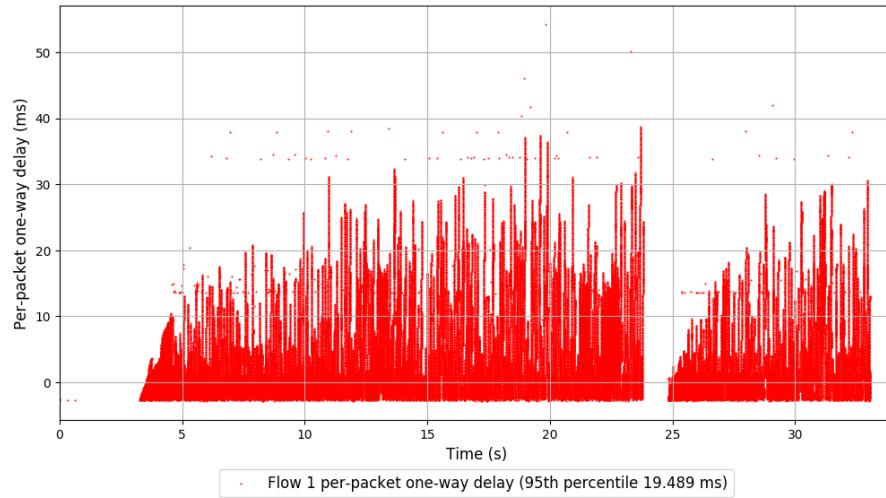
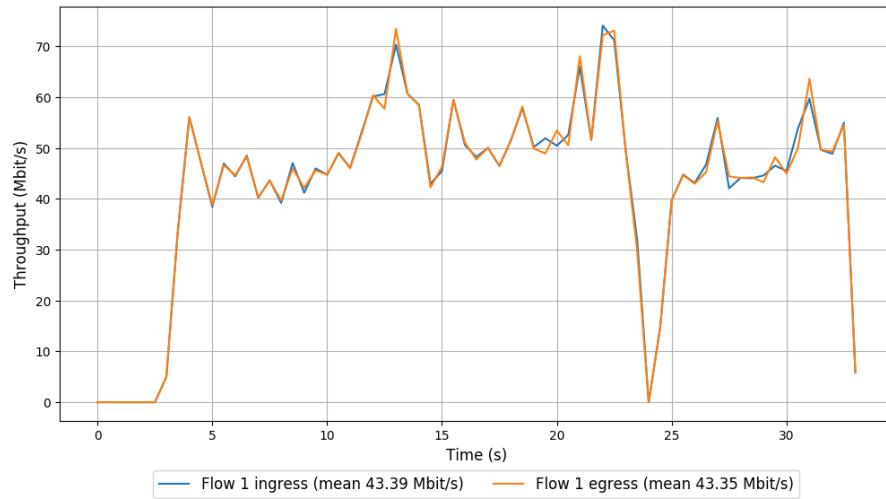


Run 3: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 21:38:27 +0000
End at: Mon, 19 Jun 2017 21:38:57 +0000
Local clock offset: -5.787 ms
Remote clock offset: -0.917 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:32:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.35 Mbit/s
95th percentile per-packet one-way delay: 19.489 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 43.35 Mbit/s
95th percentile per-packet one-way delay: 19.489 ms
Loss rate: 0.08%
```

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

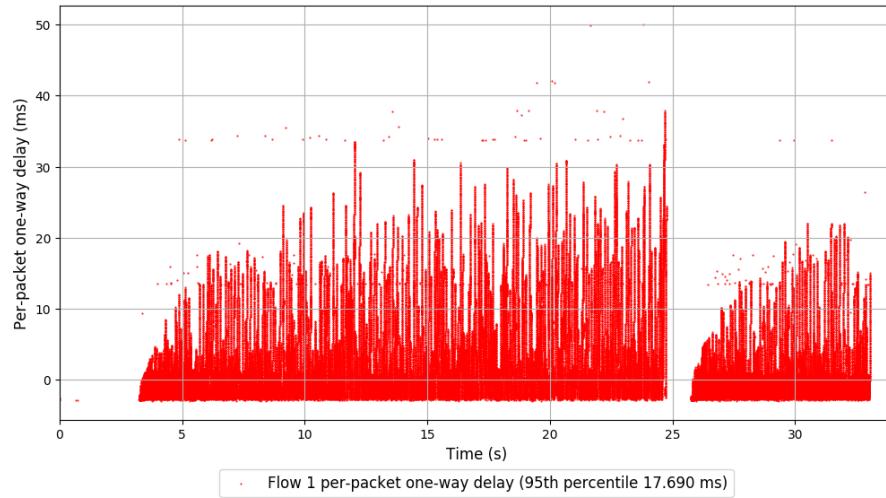
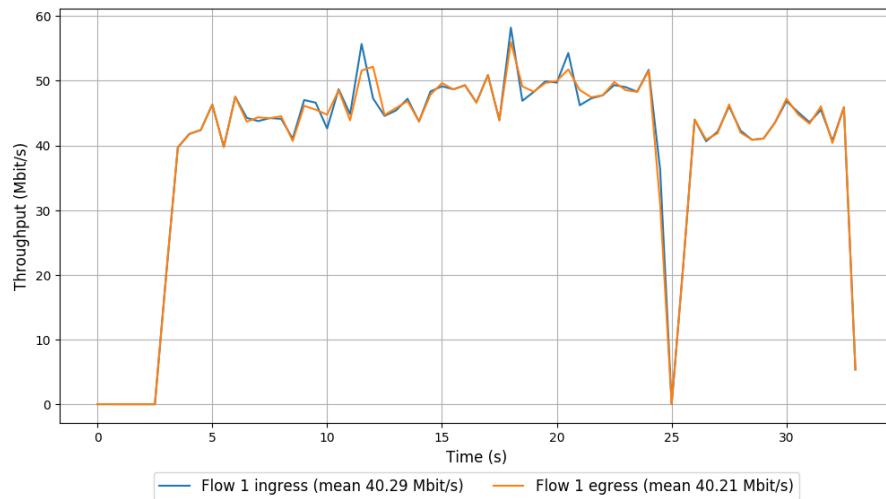


Run 4: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 21:56:44 +0000
End at: Mon, 19 Jun 2017 21:57:14 +0000
Local clock offset: -5.455 ms
Remote clock offset: -0.509 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:32:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 17.690 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 17.690 ms
Loss rate: 0.21%
```

## Run 4: Report of LEDBAT — Data Link

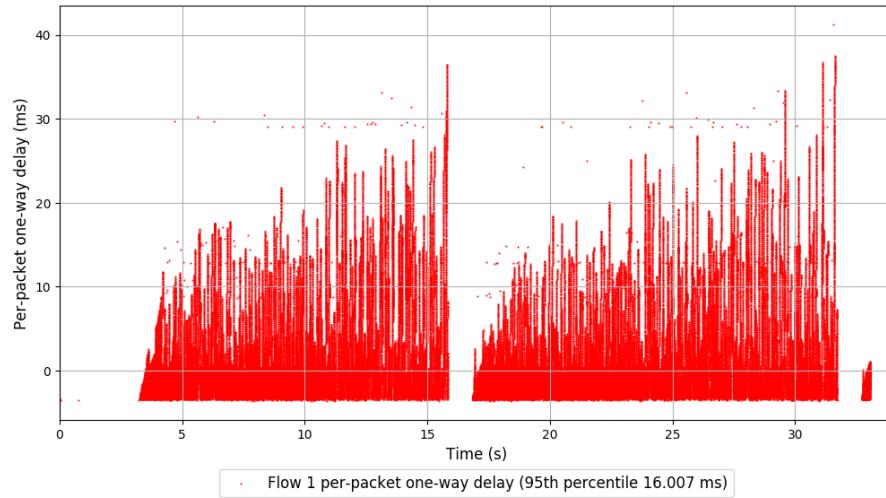
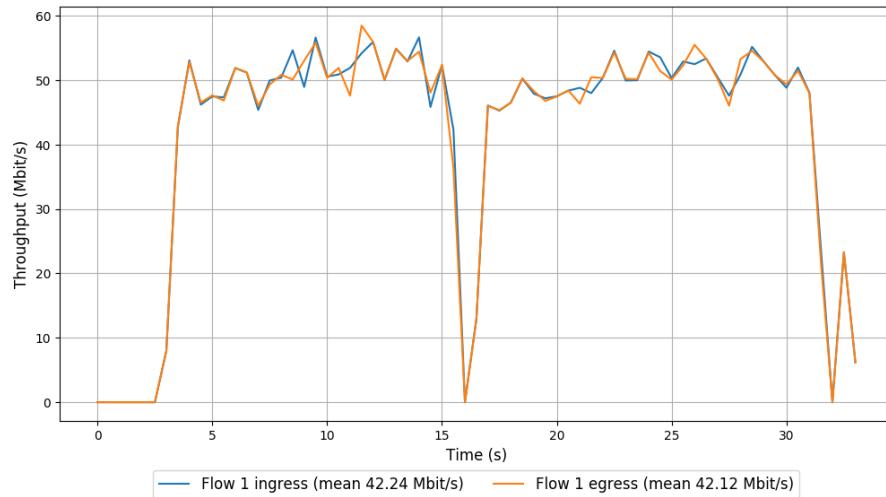


Run 5: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:15:04 +0000
End at: Mon, 19 Jun 2017 22:15:34 +0000
Local clock offset: -5.893 ms
Remote clock offset: -0.285 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.12 Mbit/s
95th percentile per-packet one-way delay: 16.007 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 42.12 Mbit/s
95th percentile per-packet one-way delay: 16.007 ms
Loss rate: 0.29%
```

## Run 5: Report of LEDBAT — Data Link

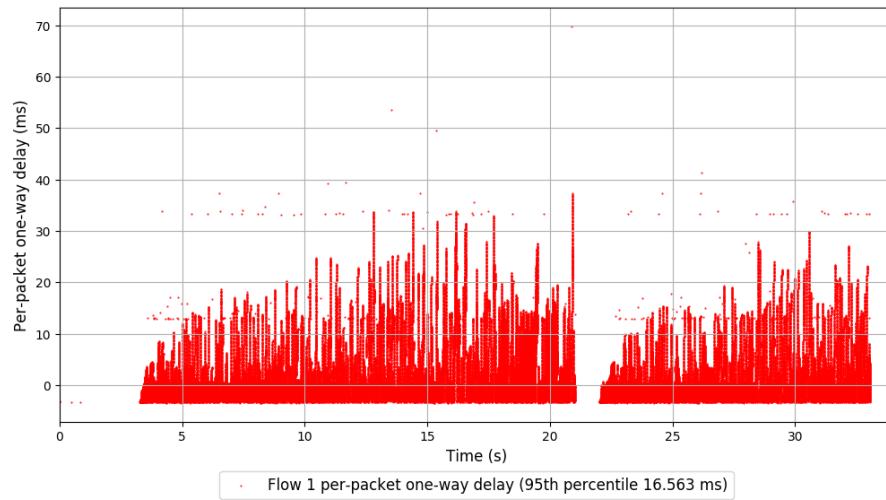
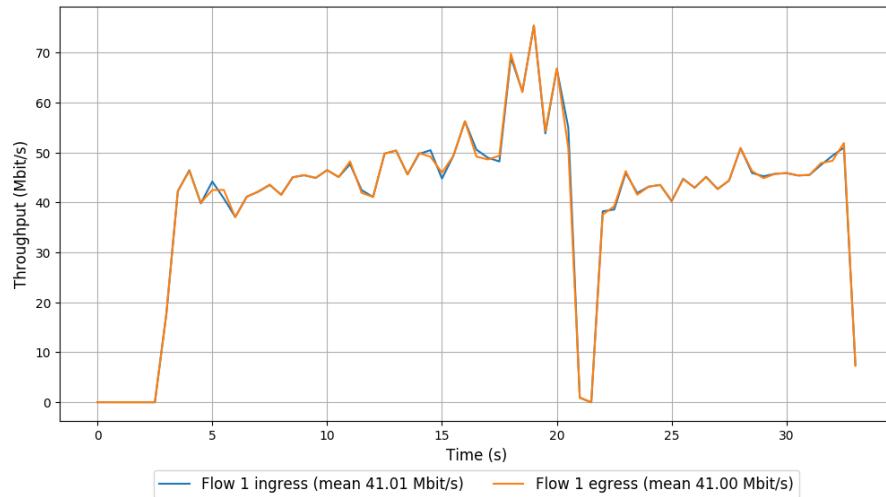


Run 6: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:33:17 +0000
End at: Mon, 19 Jun 2017 22:33:47 +0000
Local clock offset: -5.443 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:32:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 16.563 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 16.563 ms
Loss rate: 0.13%
```

## Run 6: Report of LEDBAT — Data Link

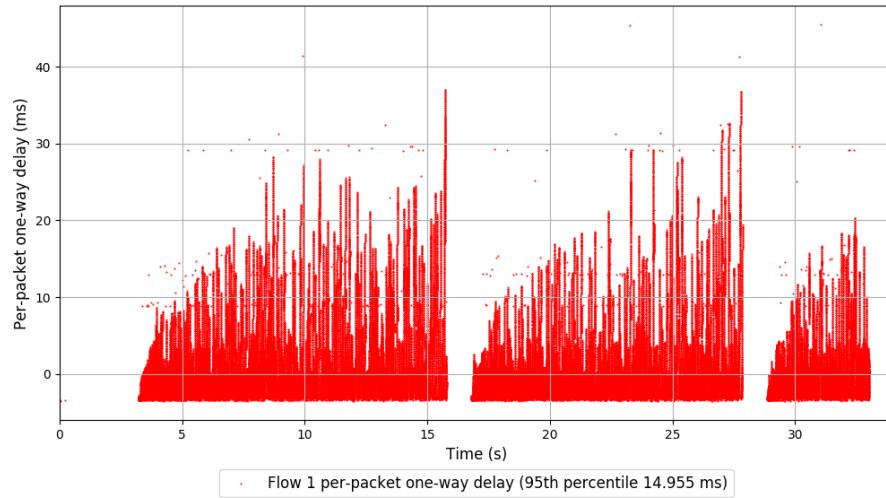
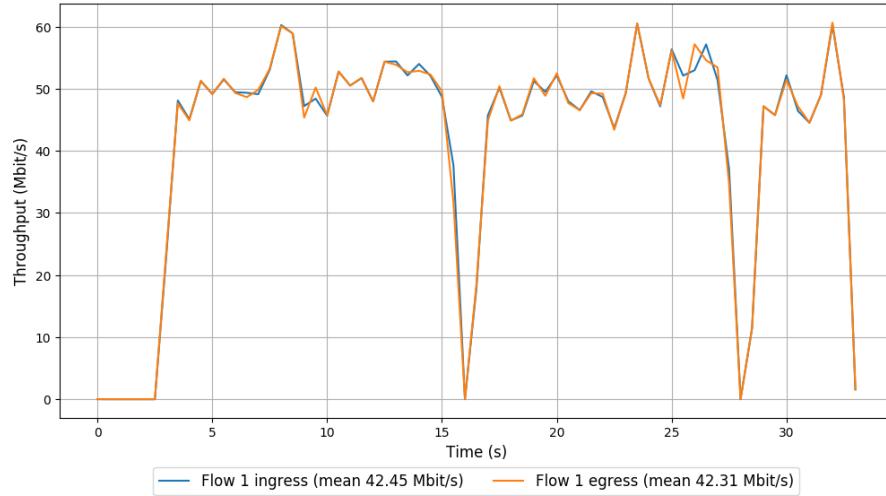


Run 7: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 22:51:49 +0000
End at: Mon, 19 Jun 2017 22:52:19 +0000
Local clock offset: -5.361 ms
Remote clock offset: 0.147 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:32:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.31 Mbit/s
95th percentile per-packet one-way delay: 14.955 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 42.31 Mbit/s
95th percentile per-packet one-way delay: 14.955 ms
Loss rate: 0.30%
```

## Run 7: Report of LEDBAT — Data Link

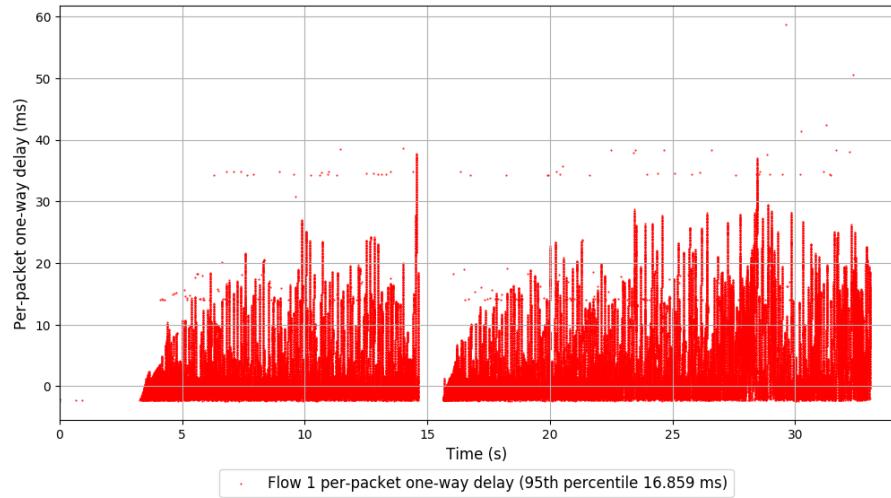
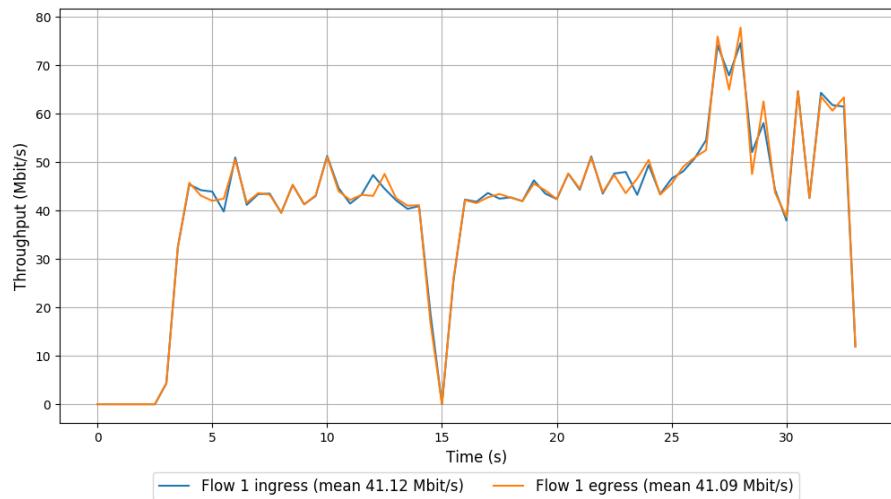


Run 8: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:10:03 +0000
End at: Mon, 19 Jun 2017 23:10:33 +0000
Local clock offset: -4.141 ms
Remote clock offset: 0.282 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:32:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.09 Mbit/s
95th percentile per-packet one-way delay: 16.859 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 41.09 Mbit/s
95th percentile per-packet one-way delay: 16.859 ms
Loss rate: 0.07%
```

## Run 8: Report of LEDBAT — Data Link

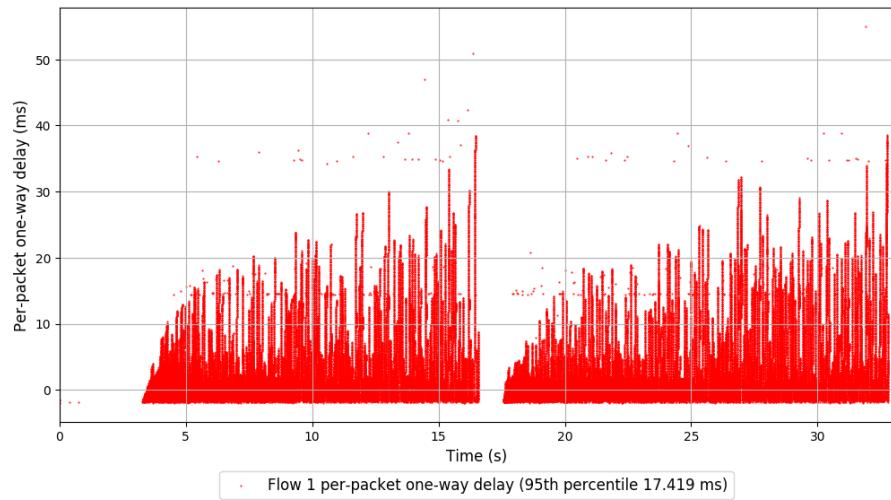
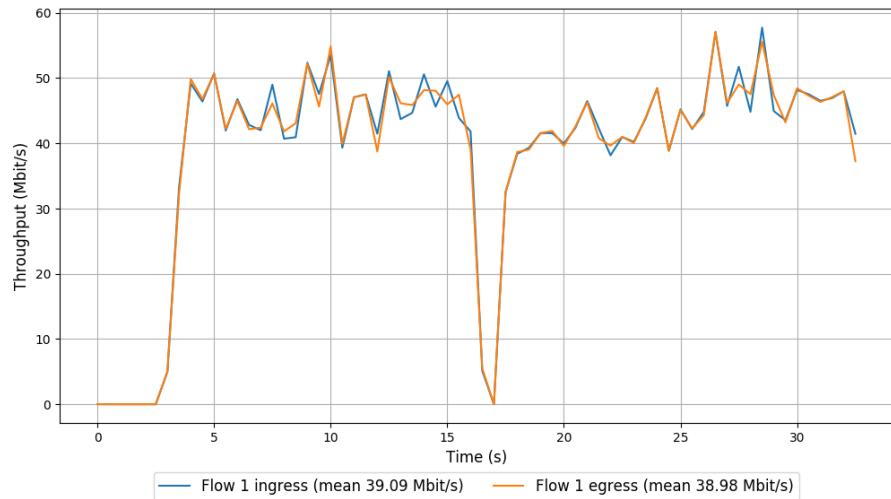


Run 9: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:28:10 +0000
End at: Mon, 19 Jun 2017 23:28:40 +0000
Local clock offset: -3.345 ms
Remote clock offset: 0.721 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.98 Mbit/s
95th percentile per-packet one-way delay: 17.419 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 38.98 Mbit/s
95th percentile per-packet one-way delay: 17.419 ms
Loss rate: 0.26%
```

## Run 9: Report of LEDBAT — Data Link

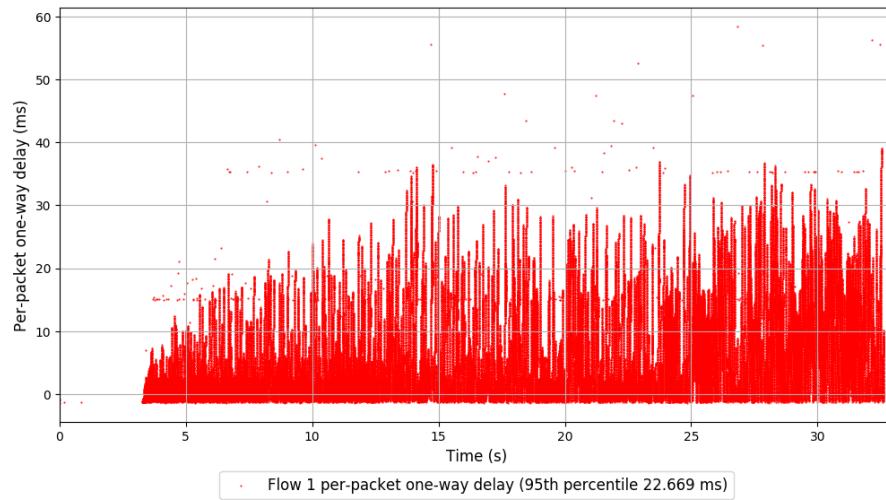
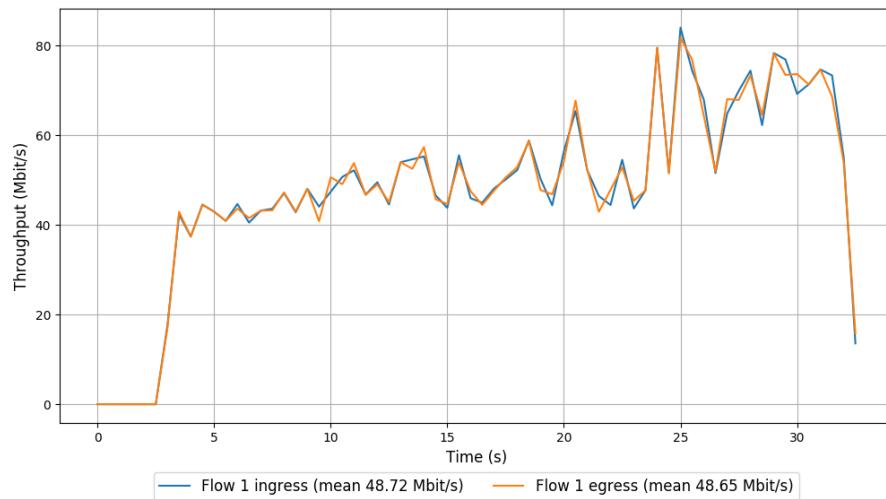


Run 10: Statistics of LEDBAT

```
Start at: Mon, 19 Jun 2017 23:46:31 +0000
End at: Mon, 19 Jun 2017 23:47:01 +0000
Local clock offset: -2.281 ms
Remote clock offset: 1.052 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.65 Mbit/s
95th percentile per-packet one-way delay: 22.669 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 48.65 Mbit/s
95th percentile per-packet one-way delay: 22.669 ms
Loss rate: 0.11%
```

## Run 10: Report of LEDBAT — Data Link

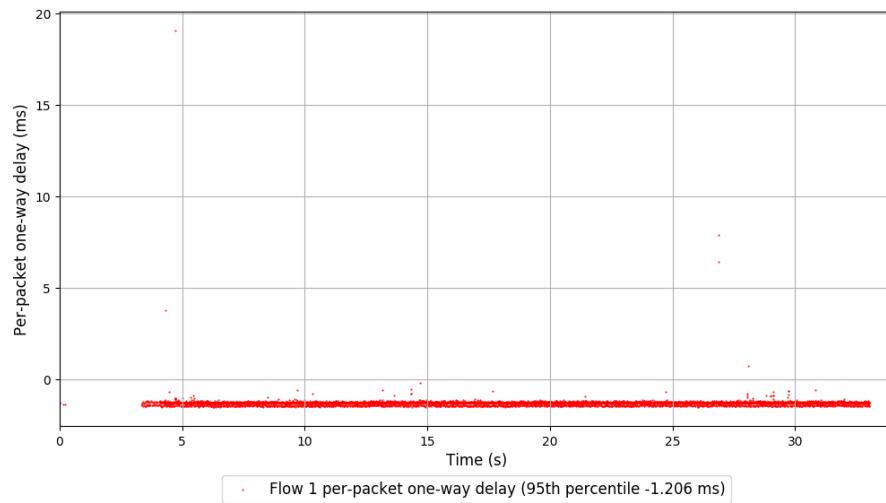
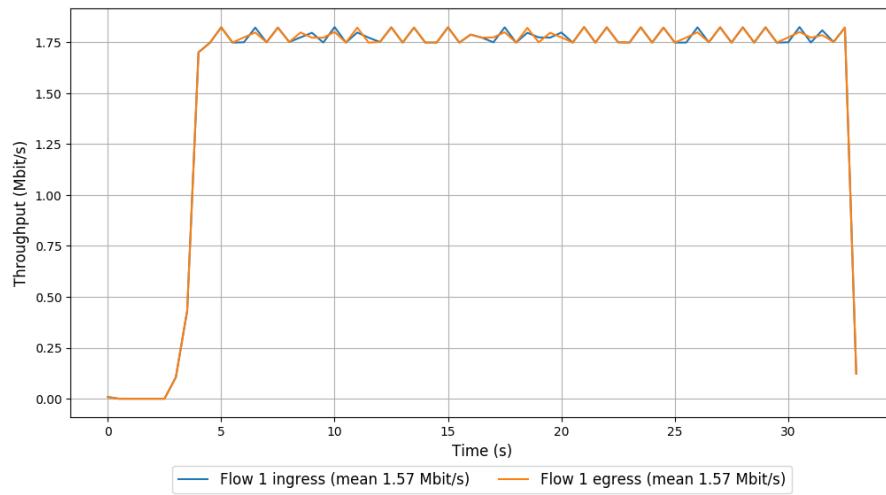


Run 1: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 20:58:05 +0000
End at: Mon, 19 Jun 2017 20:58:35 +0000
Local clock offset: -4.764 ms
Remote clock offset: -1.41 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: -1.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: -1.206 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link

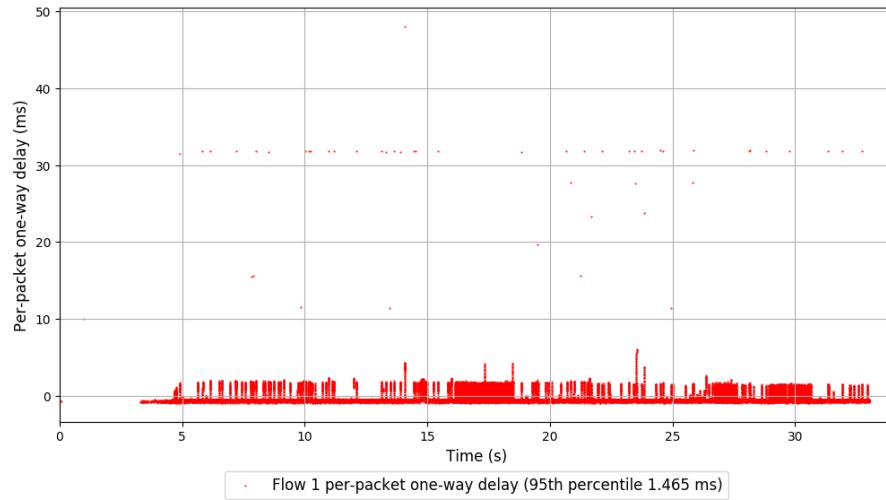
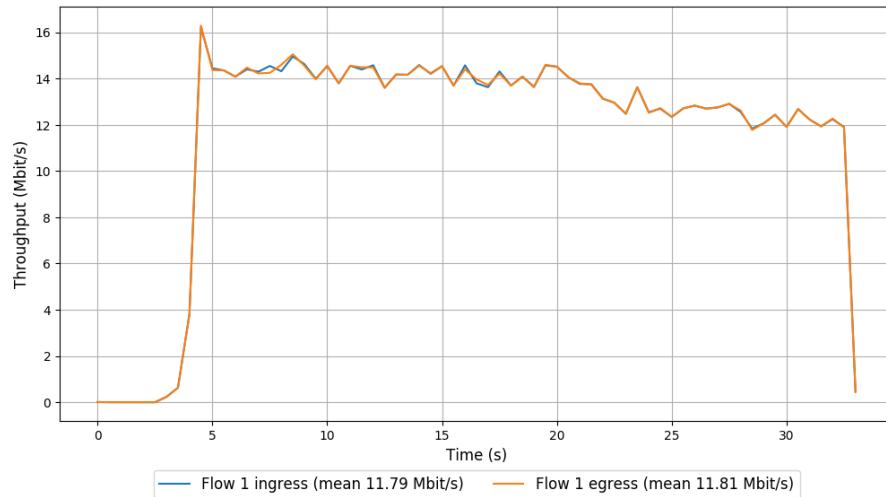


Run 2: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:16:39 +0000
End at: Mon, 19 Jun 2017 21:17:09 +0000
Local clock offset: -4.042 ms
Remote clock offset: -1.16 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 1.465 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 1.465 ms
Loss rate: 0.01%
```

## Run 2: Report of PCC — Data Link

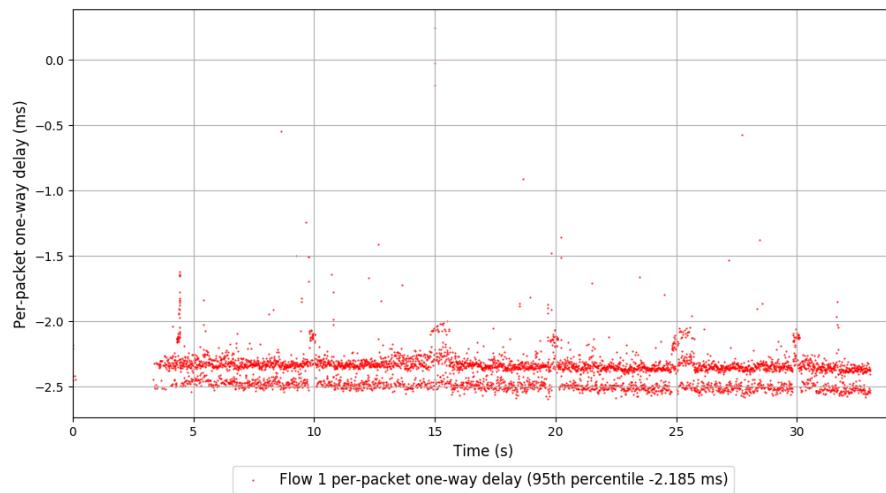
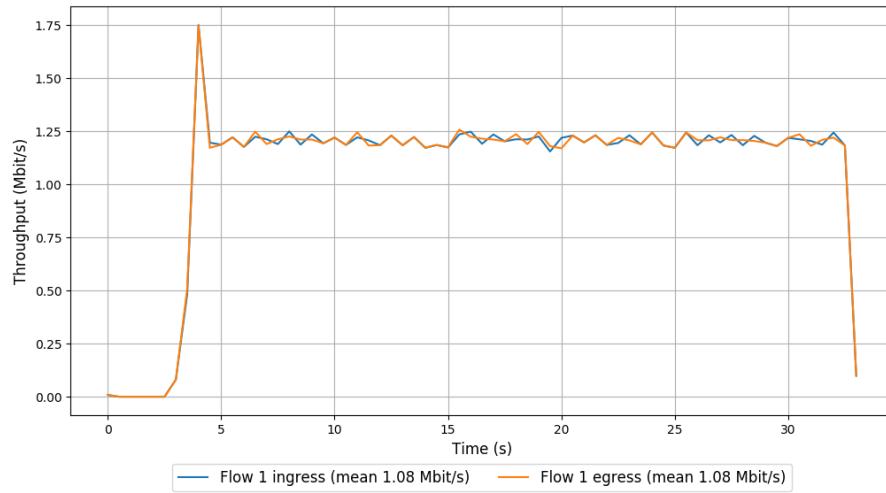


Run 3: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:35:09 +0000
End at: Mon, 19 Jun 2017 21:35:39 +0000
Local clock offset: -5.412 ms
Remote clock offset: -0.941 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: -2.185 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: -2.185 ms
Loss rate: 0.00%
```

### Run 3: Report of PCC — Data Link

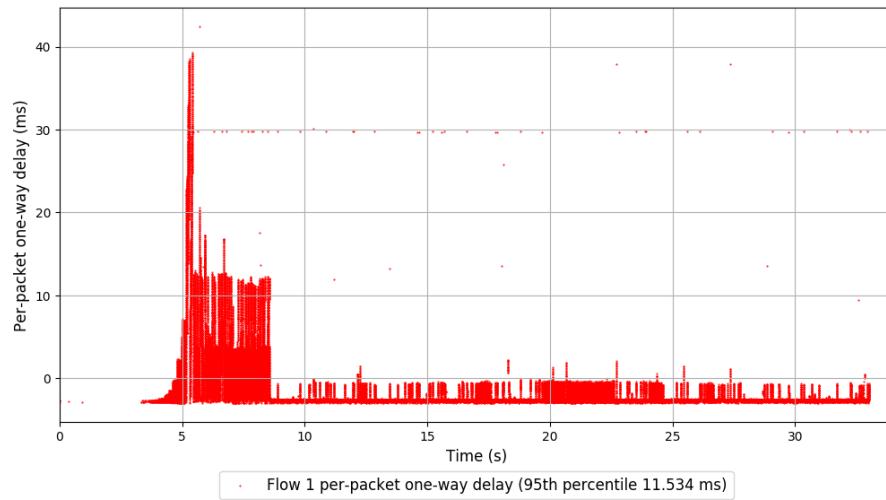
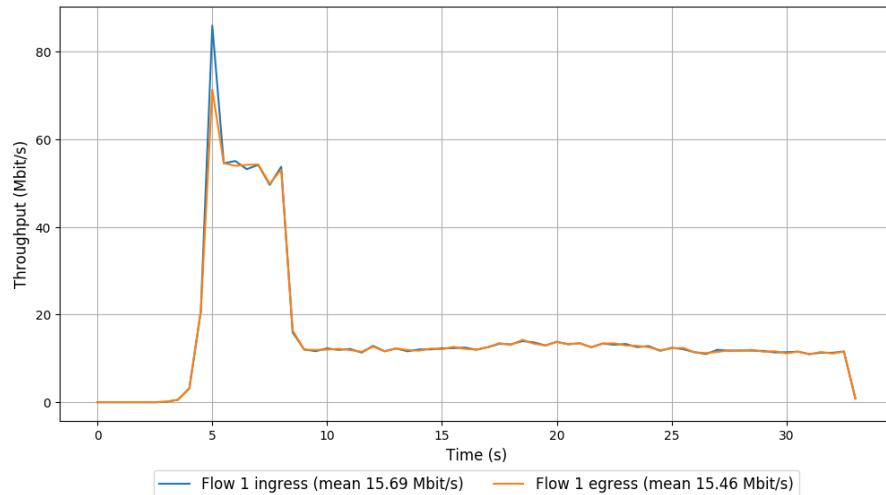


Run 4: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 21:53:16 +0000
End at: Mon, 19 Jun 2017 21:53:46 +0000
Local clock offset: -5.458 ms
Remote clock offset: -0.653 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.46 Mbit/s
95th percentile per-packet one-way delay: 11.534 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 15.46 Mbit/s
95th percentile per-packet one-way delay: 11.534 ms
Loss rate: 1.41%
```

## Run 4: Report of PCC — Data Link

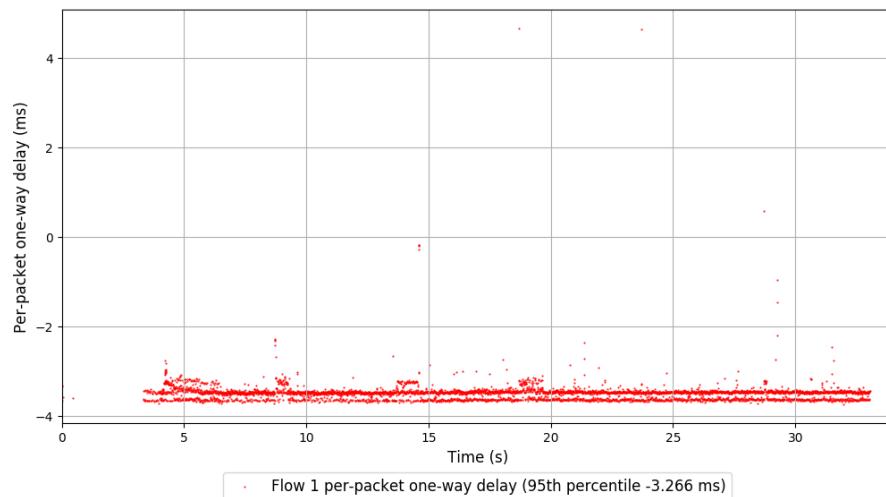
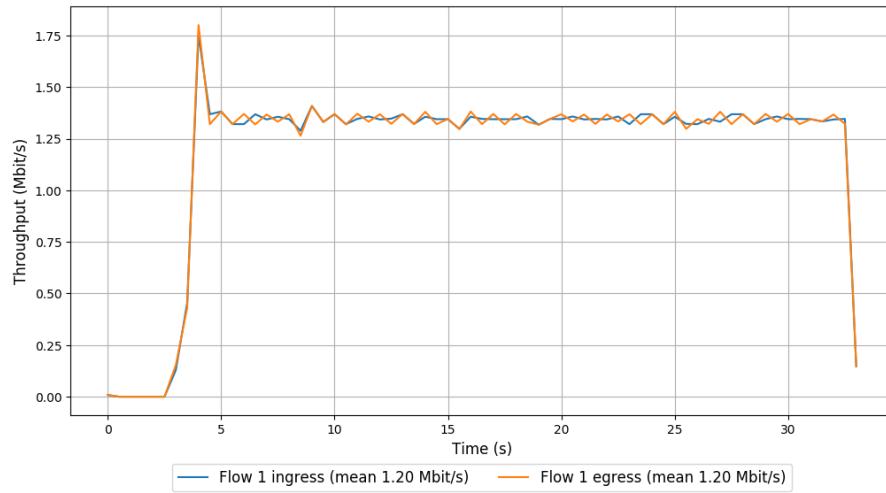


Run 5: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 22:11:47 +0000
End at: Mon, 19 Jun 2017 22:12:17 +0000
Local clock offset: -5.96 ms
Remote clock offset: -0.289 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: -3.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: -3.266 ms
Loss rate: 0.00%
```

### Run 5: Report of PCC — Data Link

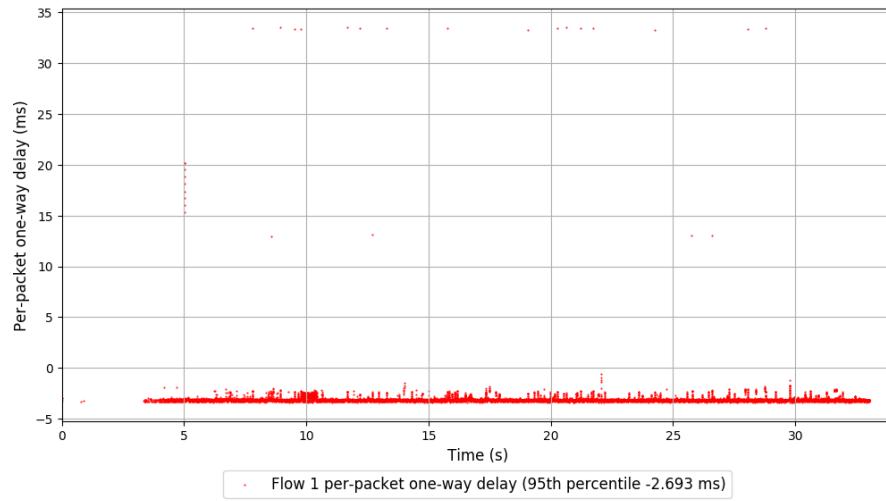
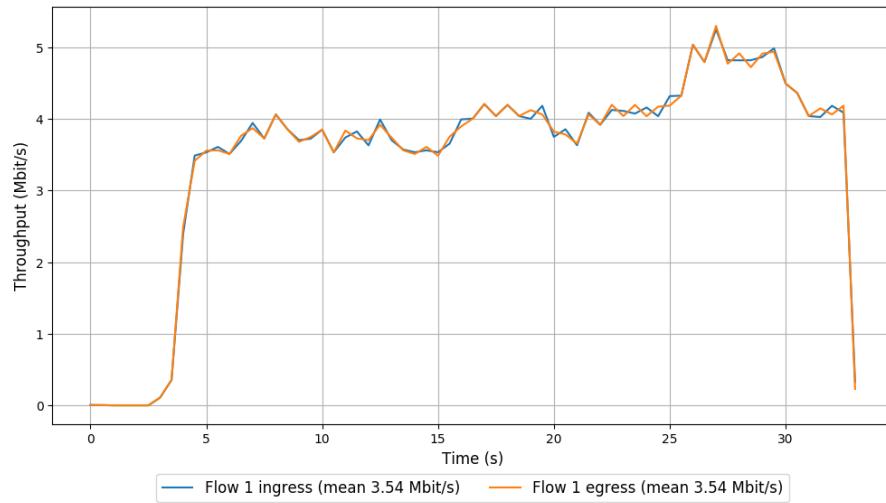


Run 6: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 22:29:58 +0000
End at: Mon, 19 Jun 2017 22:30:28 +0000
Local clock offset: -5.311 ms
Remote clock offset: -0.019 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: -2.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: -2.693 ms
Loss rate: 0.00%
```

## Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Mon, 19 Jun 2017 22:48:30 +0000

End at: Mon, 19 Jun 2017 22:49:00 +0000

Local clock offset: -9.503 ms

Remote clock offset: 0.173 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.36 Mbit/s

95th percentile per-packet one-way delay: -3.169 ms

Loss rate: 0.00%

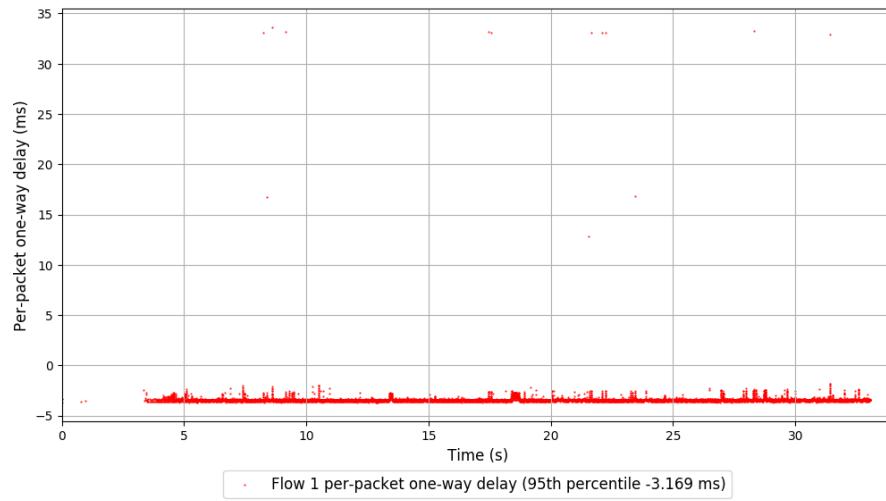
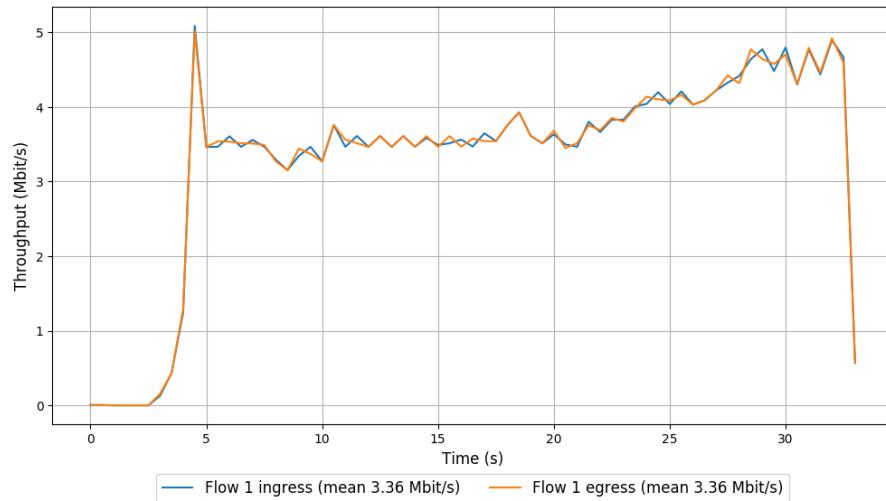
-- Flow 1:

Average throughput: 3.36 Mbit/s

95th percentile per-packet one-way delay: -3.169 ms

Loss rate: 0.00%

### Run 7: Report of PCC — Data Link

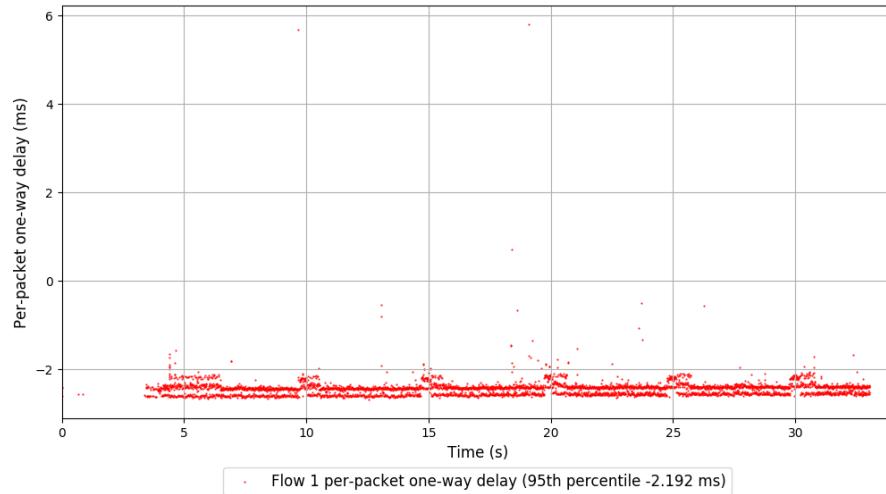
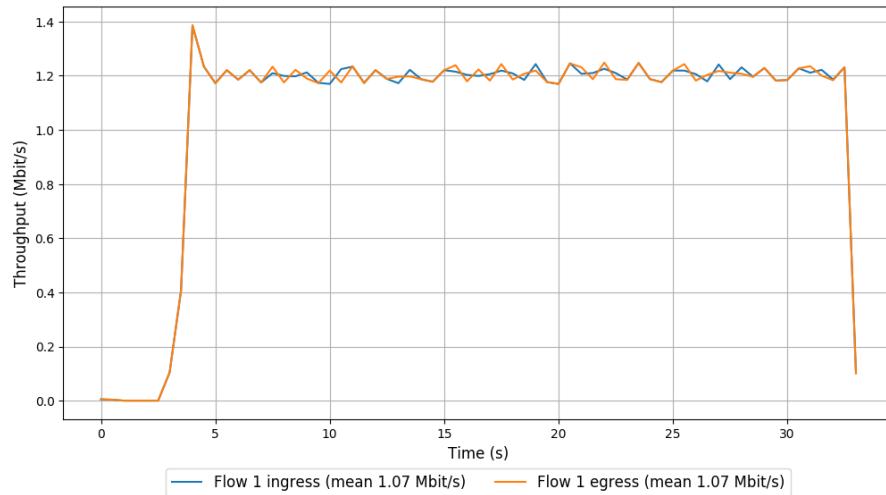


Run 8: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 23:06:45 +0000
End at: Mon, 19 Jun 2017 23:07:15 +0000
Local clock offset: -4.467 ms
Remote clock offset: 0.204 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: -2.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: -2.192 ms
Loss rate: 0.00%
```

### Run 8: Report of PCC — Data Link

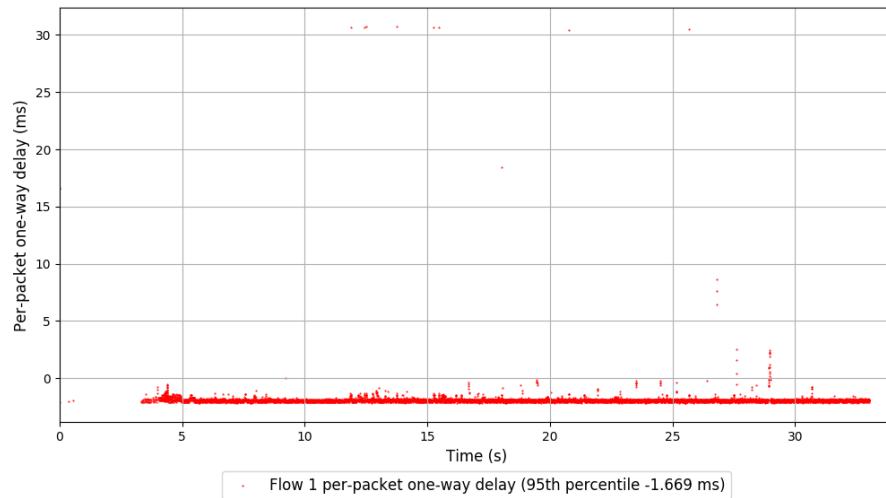
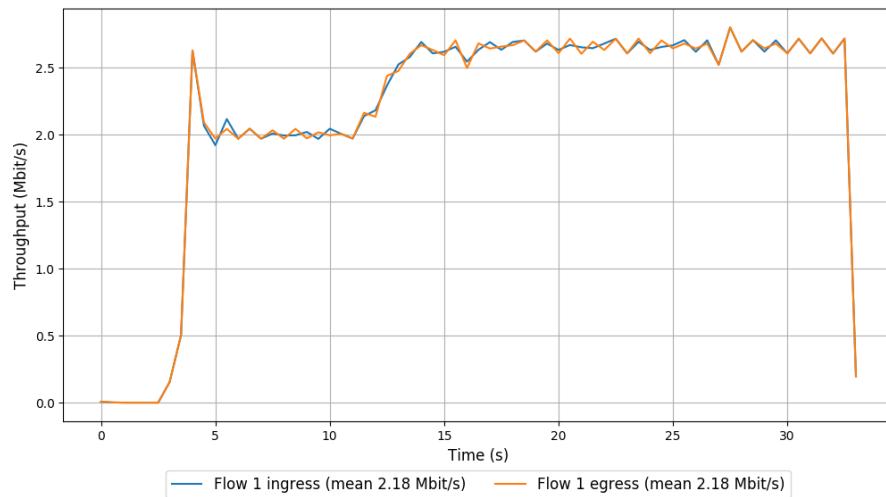


Run 9: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 23:24:51 +0000
End at: Mon, 19 Jun 2017 23:25:21 +0000
Local clock offset: -3.543 ms
Remote clock offset: 0.584 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:33:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: -1.669 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: -1.669 ms
Loss rate: 0.00%
```

### Run 9: Report of PCC — Data Link

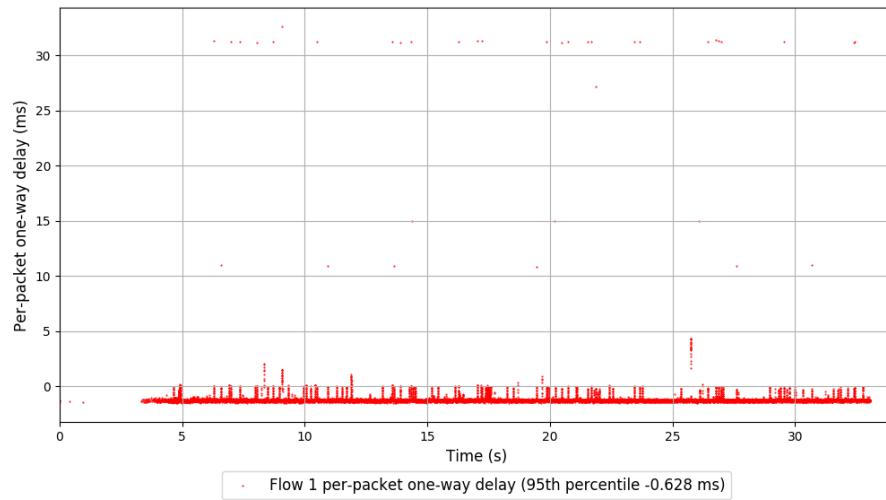
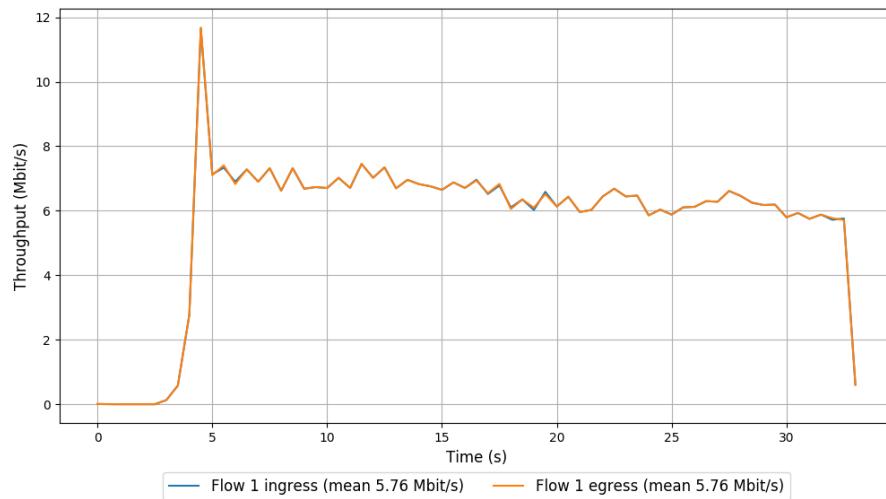


Run 10: Statistics of PCC

```
Start at: Mon, 19 Jun 2017 23:43:12 +0000
End at: Mon, 19 Jun 2017 23:43:42 +0000
Local clock offset: -2.512 ms
Remote clock offset: 1.08 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.76 Mbit/s
95th percentile per-packet one-way delay: -0.628 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.76 Mbit/s
95th percentile per-packet one-way delay: -0.628 ms
Loss rate: 0.00%
```

## Run 10: Report of PCC — Data Link

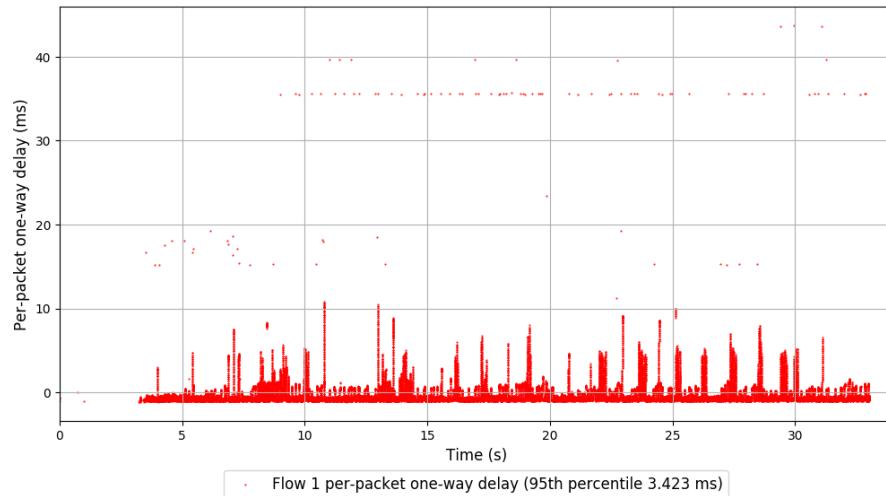
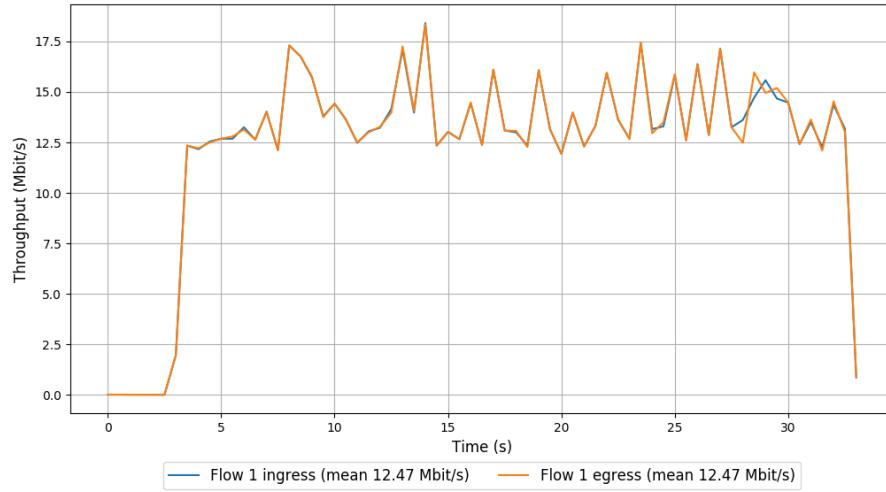


Run 1: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 21:06:44 +0000
End at: Mon, 19 Jun 2017 21:07:14 +0000
Local clock offset: -4.494 ms
Remote clock offset: -1.283 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 3.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 3.423 ms
Loss rate: 0.00%
```

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

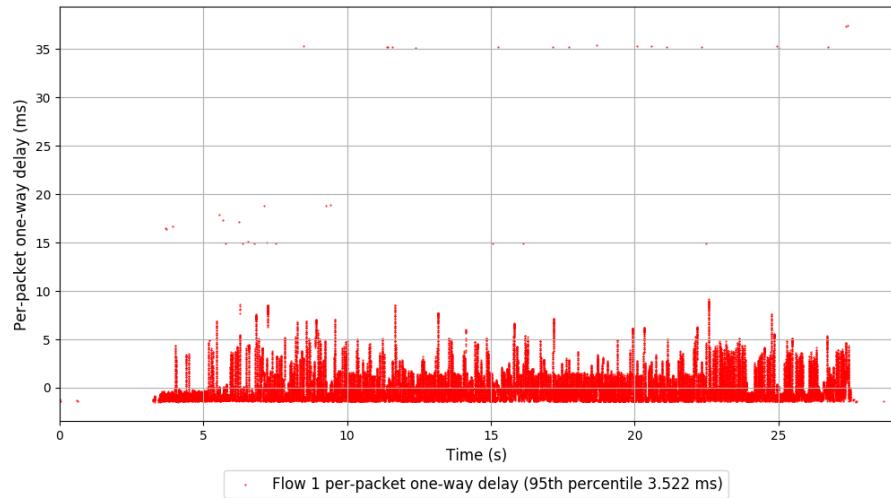
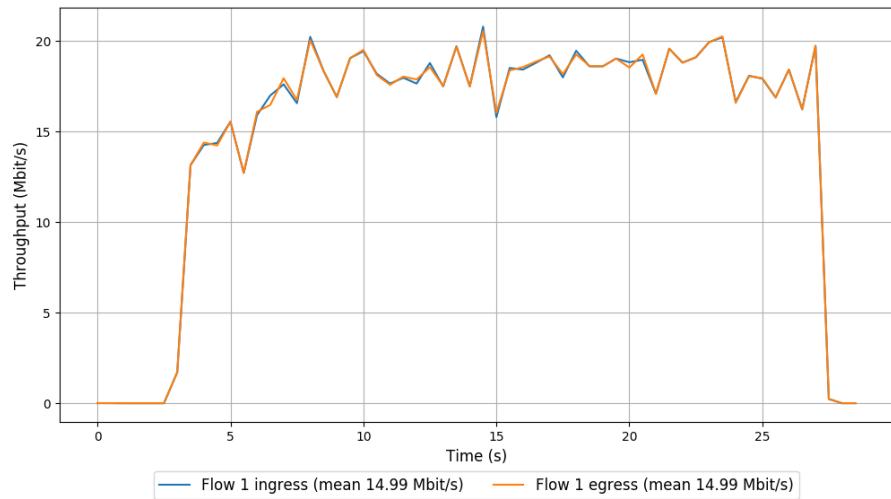


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 21:25:17 +0000
End at: Mon, 19 Jun 2017 21:25:47 +0000
Local clock offset: -4.405 ms
Remote clock offset: -1.113 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.99 Mbit/s
95th percentile per-packet one-way delay: 3.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.99 Mbit/s
95th percentile per-packet one-way delay: 3.522 ms
Loss rate: 0.00%
```

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

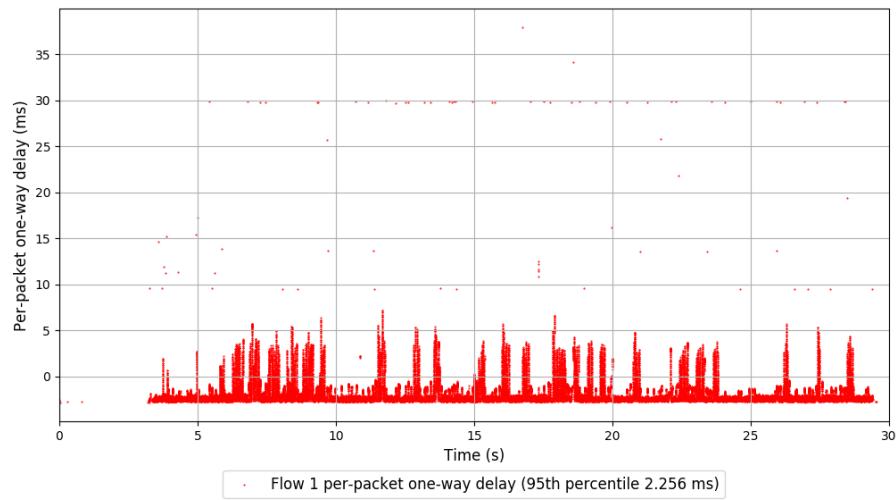
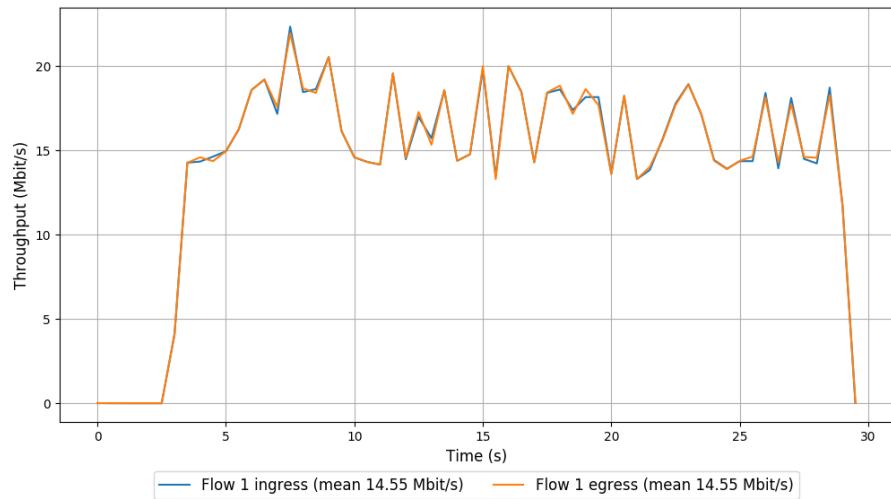


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 21:43:42 +0000
End at: Mon, 19 Jun 2017 21:44:12 +0000
Local clock offset: -5.696 ms
Remote clock offset: -0.82 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 2.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 2.256 ms
Loss rate: 0.00%
```

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

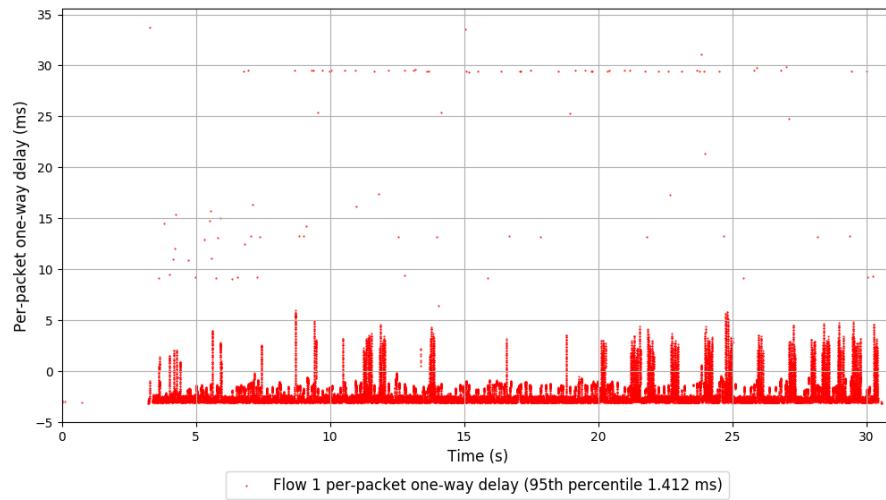
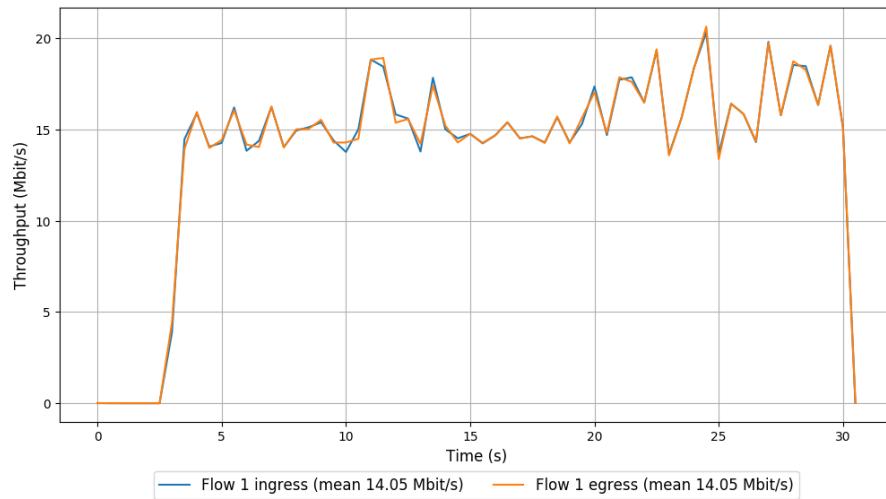


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:02:05 +0000
End at: Mon, 19 Jun 2017 22:02:35 +0000
Local clock offset: -5.602 ms
Remote clock offset: -0.444 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 1.412 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 1.412 ms
Loss rate: 0.00%
```

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

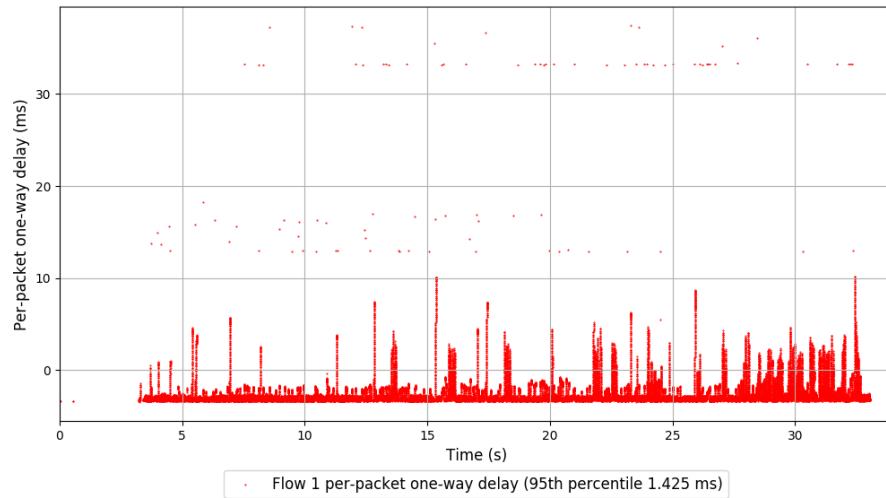
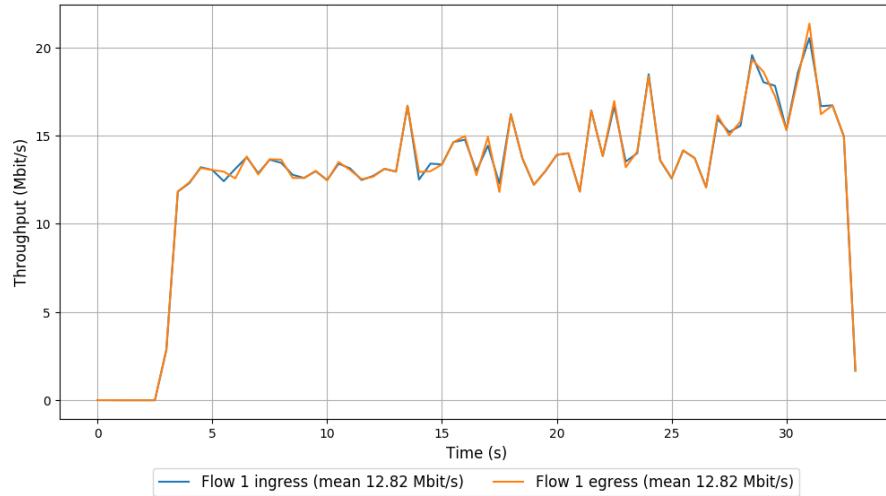


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:20:12 +0000
End at: Mon, 19 Jun 2017 22:20:42 +0000
Local clock offset: -5.605 ms
Remote clock offset: -0.194 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 1.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 1.425 ms
Loss rate: 0.00%
```

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

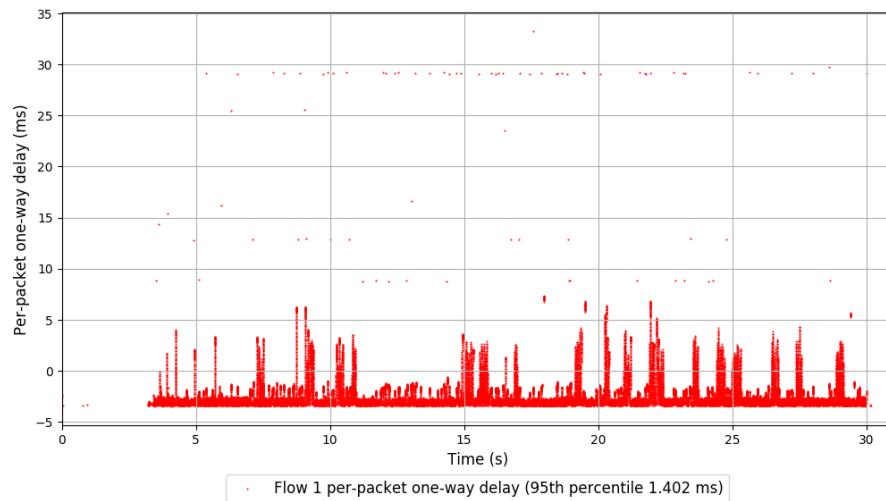
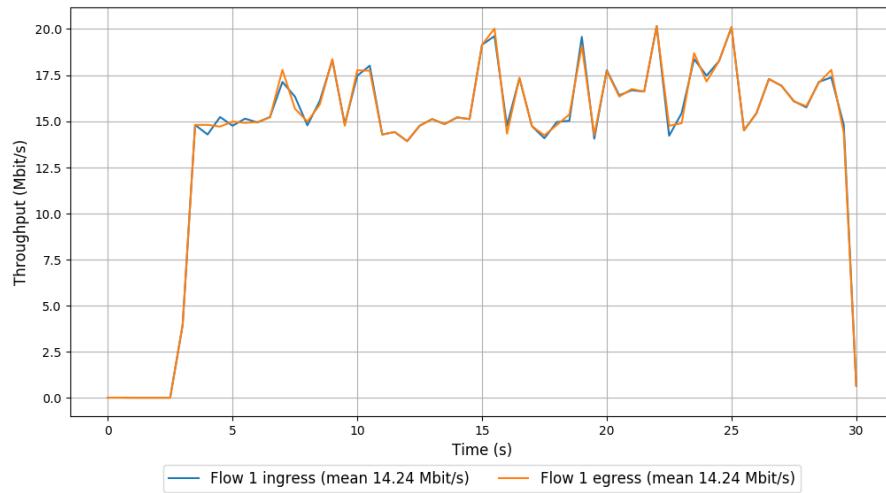


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:38:31 +0000
End at: Mon, 19 Jun 2017 22:39:01 +0000
Local clock offset: -5.488 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.24 Mbit/s
95th percentile per-packet one-way delay: 1.402 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.24 Mbit/s
95th percentile per-packet one-way delay: 1.402 ms
Loss rate: 0.00%
```

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

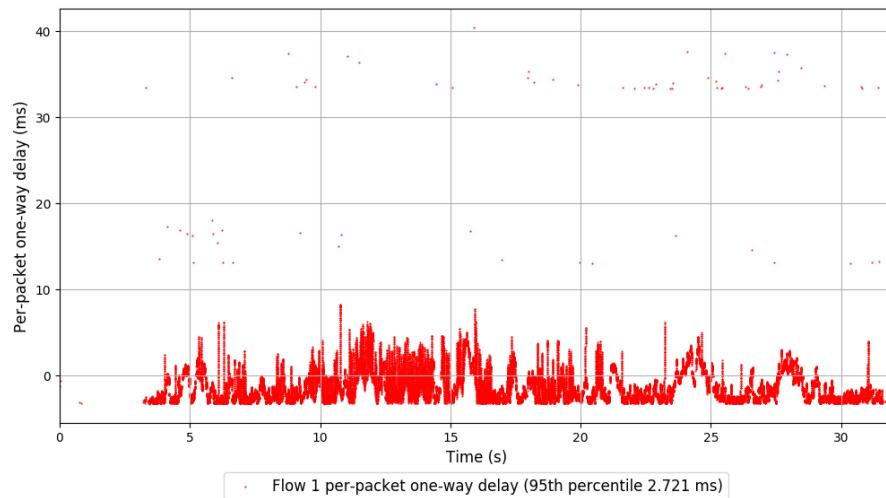
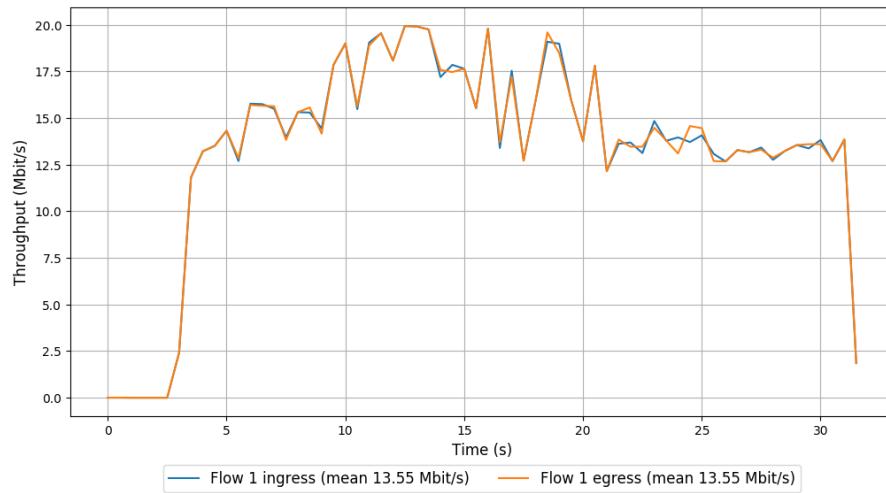


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 22:57:07 +0000
End at: Mon, 19 Jun 2017 22:57:37 +0000
Local clock offset: -5.172 ms
Remote clock offset: 0.223 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.55 Mbit/s
95th percentile per-packet one-way delay: 2.721 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.55 Mbit/s
95th percentile per-packet one-way delay: 2.721 ms
Loss rate: 0.00%
```

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

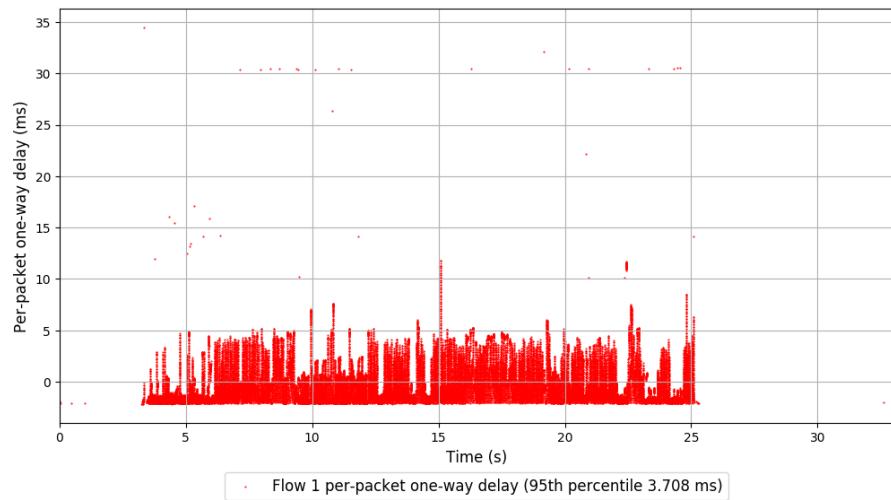
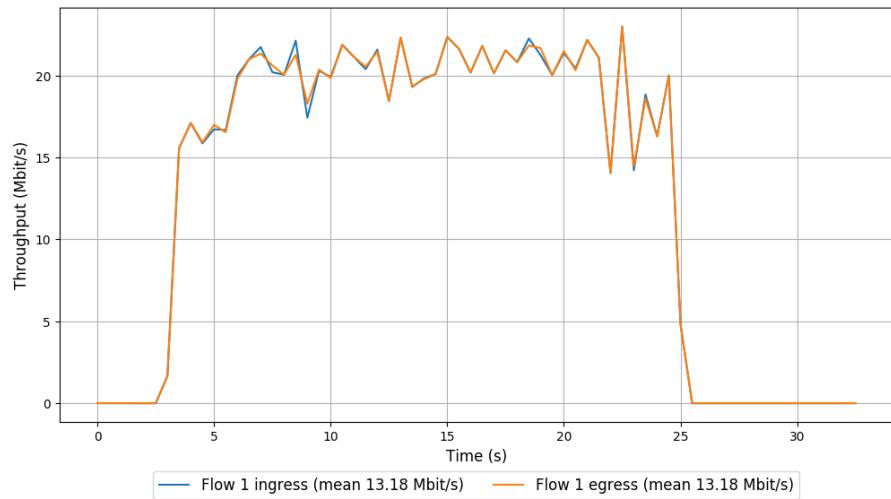


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 23:15:14 +0000
End at: Mon, 19 Jun 2017 23:15:44 +0000
Local clock offset: -3.75 ms
Remote clock offset: 0.335 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 3.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 3.708 ms
Loss rate: 0.00%
```

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

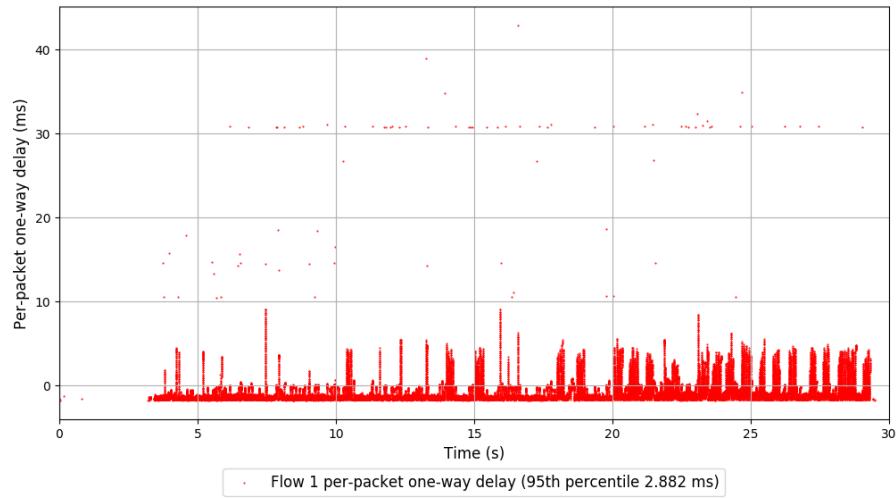
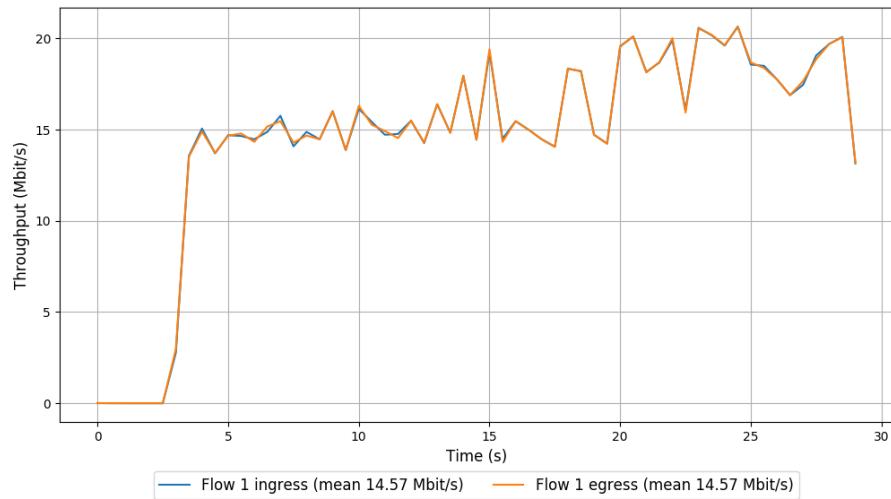


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Mon, 19 Jun 2017 23:33:28 +0000
End at: Mon, 19 Jun 2017 23:33:58 +0000
Local clock offset: -3.069 ms
Remote clock offset: 0.777 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.57 Mbit/s
95th percentile per-packet one-way delay: 2.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.57 Mbit/s
95th percentile per-packet one-way delay: 2.882 ms
Loss rate: 0.00%
```

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



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

```
Start at: Mon, 19 Jun 2017 23:51:41 +0000
```

```
End at: Mon, 19 Jun 2017 23:52:11 +0000
```

```
Local clock offset: -2.171 ms
```

```
Remote clock offset: 1.232 ms
```

```
# Below is generated by plot.py at Tue, 20 Jun 2017 05:34:55 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 13.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 3.542 ms
```

```
Loss rate: 0.00%
```

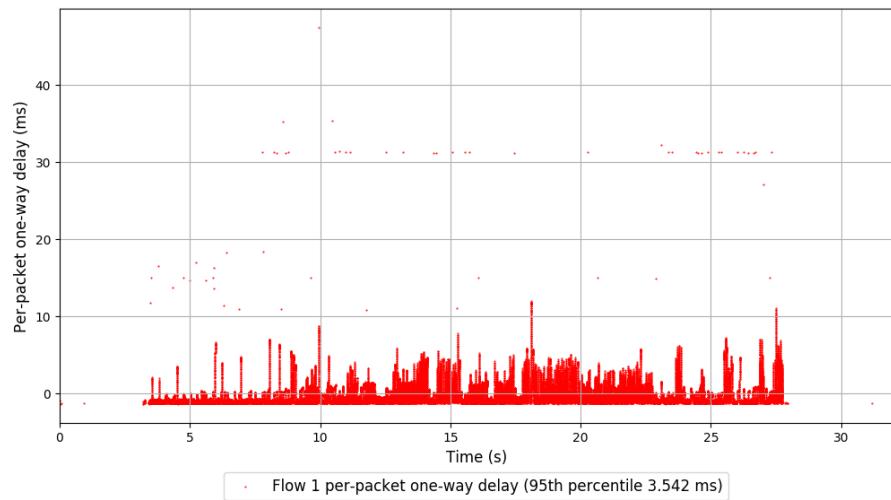
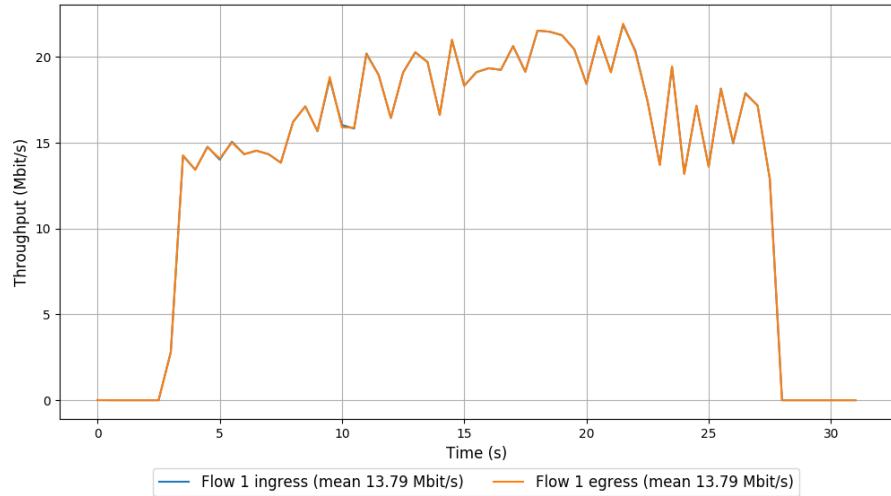
```
-- Flow 1:
```

```
Average throughput: 13.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 3.542 ms
```

```
Loss rate: 0.00%
```

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

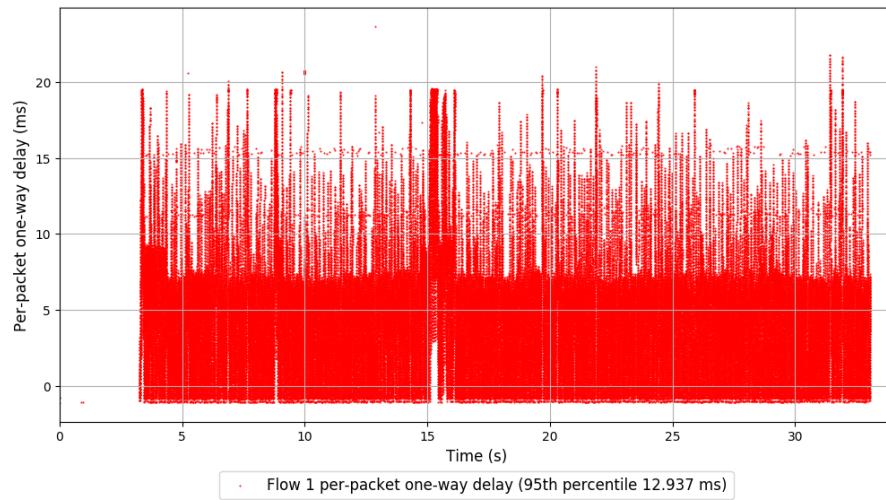
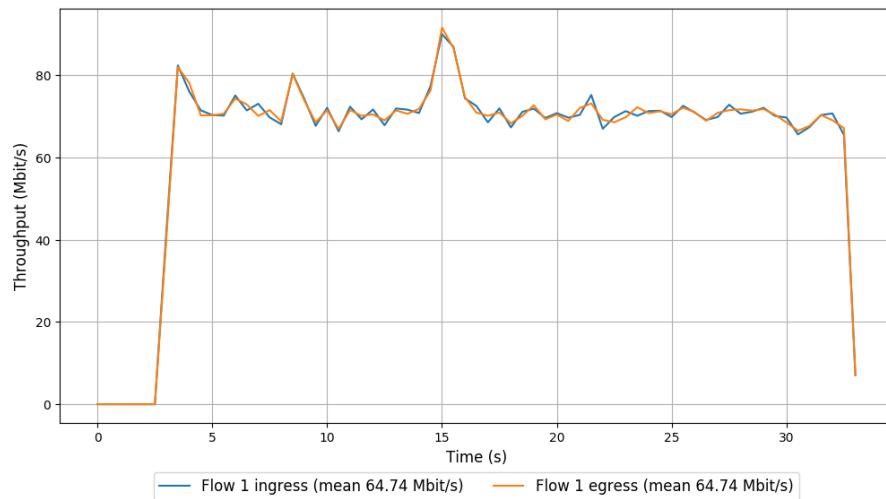


Run 1: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:05:16 +0000
End at: Mon, 19 Jun 2017 21:05:46 +0000
Local clock offset: -4.512 ms
Remote clock offset: -1.377 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:35:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.74 Mbit/s
95th percentile per-packet one-way delay: 12.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.74 Mbit/s
95th percentile per-packet one-way delay: 12.937 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

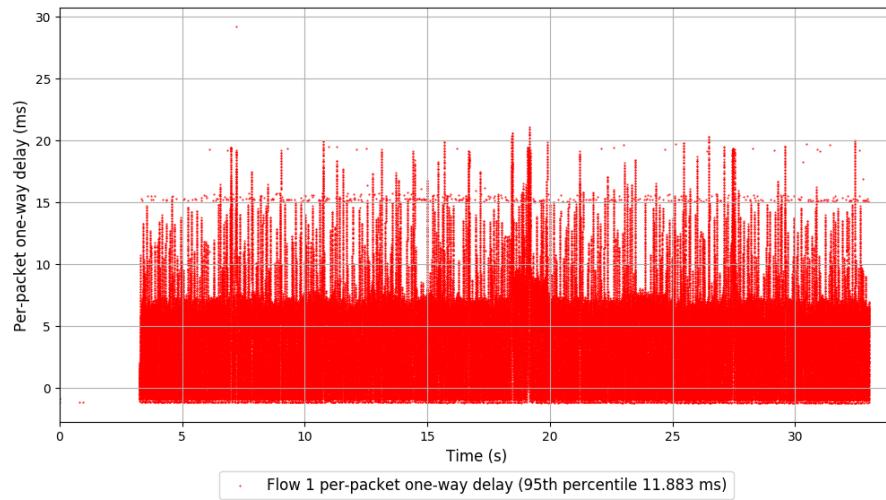
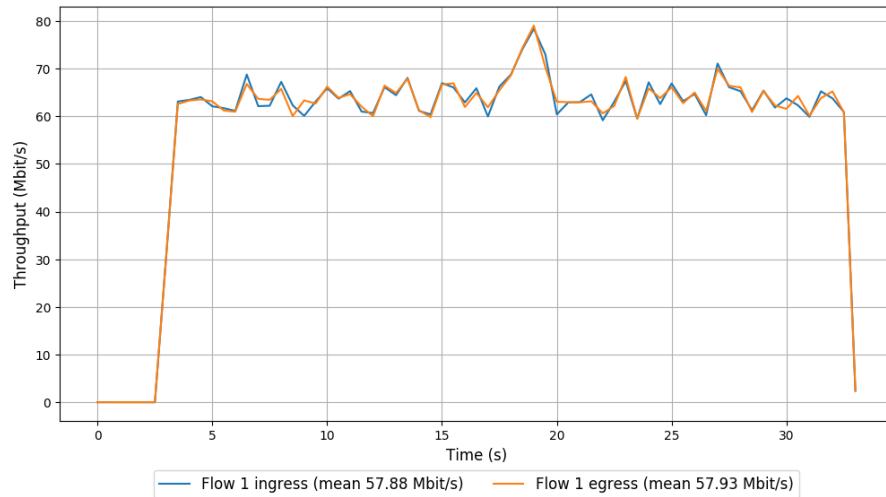


Run 2: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:23:52 +0000
End at: Mon, 19 Jun 2017 21:24:22 +0000
Local clock offset: -4.243 ms
Remote clock offset: -1.076 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:35:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.93 Mbit/s
95th percentile per-packet one-way delay: 11.883 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.93 Mbit/s
95th percentile per-packet one-way delay: 11.883 ms
Loss rate: 0.00%
```

## Run 2: Report of Saturator — Data Link

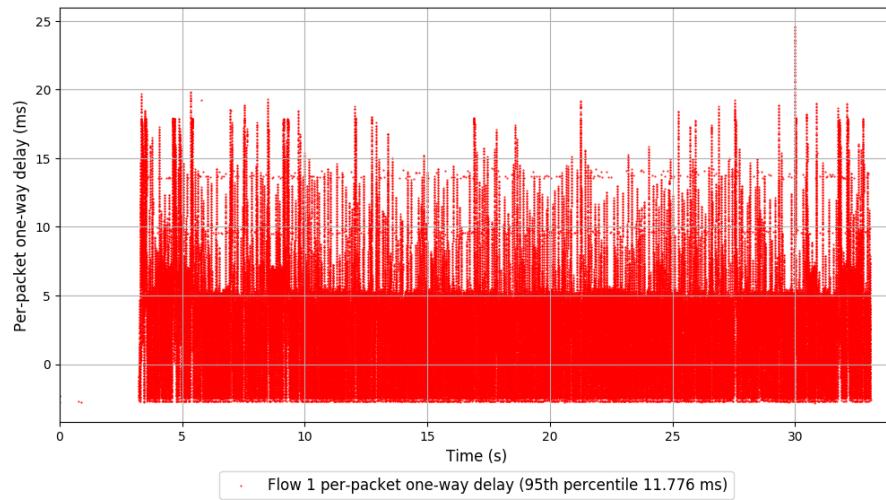
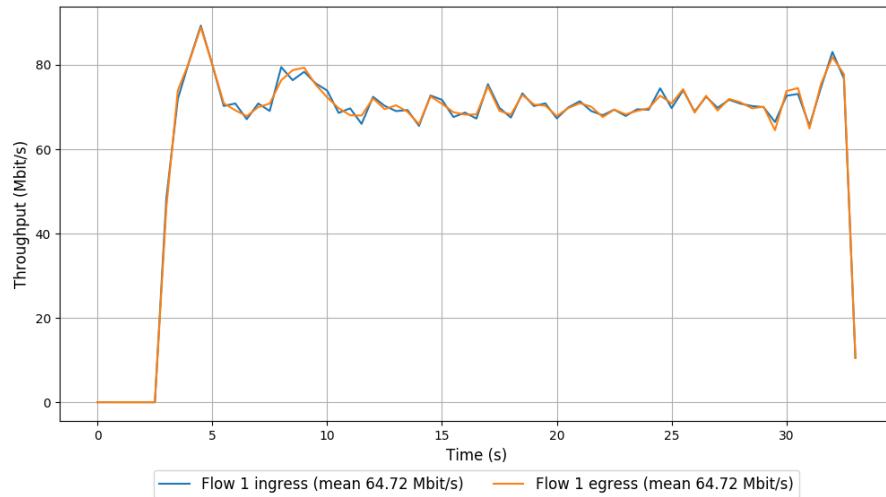


Run 3: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 21:42:17 +0000
End at: Mon, 19 Jun 2017 21:42:47 +0000
Local clock offset: -5.641 ms
Remote clock offset: -0.896 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:35:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.72 Mbit/s
95th percentile per-packet one-way delay: 11.776 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.72 Mbit/s
95th percentile per-packet one-way delay: 11.776 ms
Loss rate: 0.00%
```

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

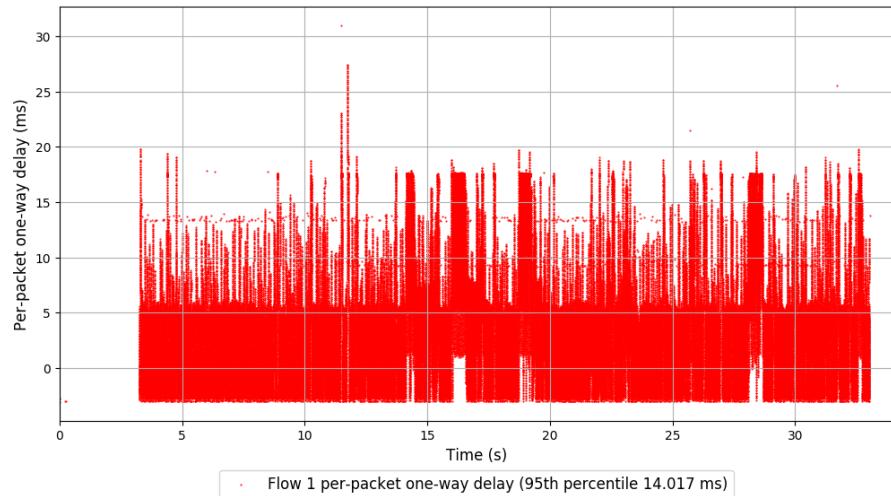
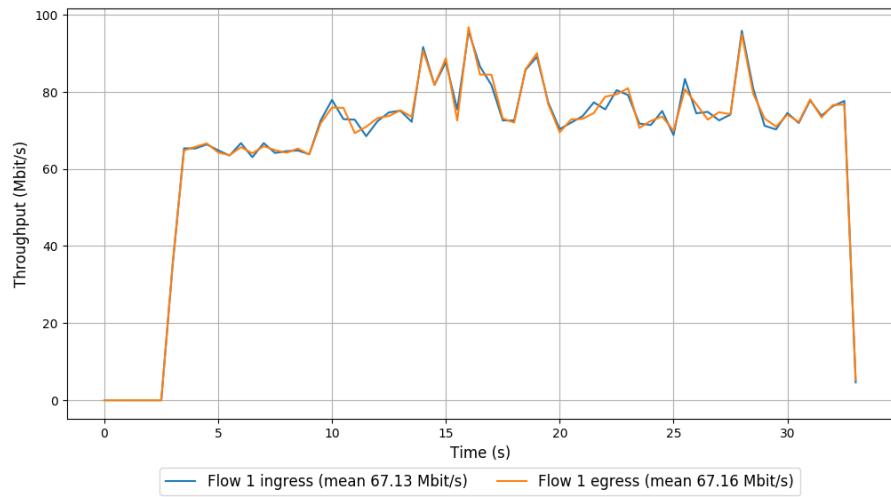


Run 4: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:00:39 +0000
End at: Mon, 19 Jun 2017 22:01:09 +0000
Local clock offset: -5.54 ms
Remote clock offset: -0.523 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:36:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.16 Mbit/s
95th percentile per-packet one-way delay: 14.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.16 Mbit/s
95th percentile per-packet one-way delay: 14.017 ms
Loss rate: 0.00%
```

Run 4: Report of Saturator — Data Link

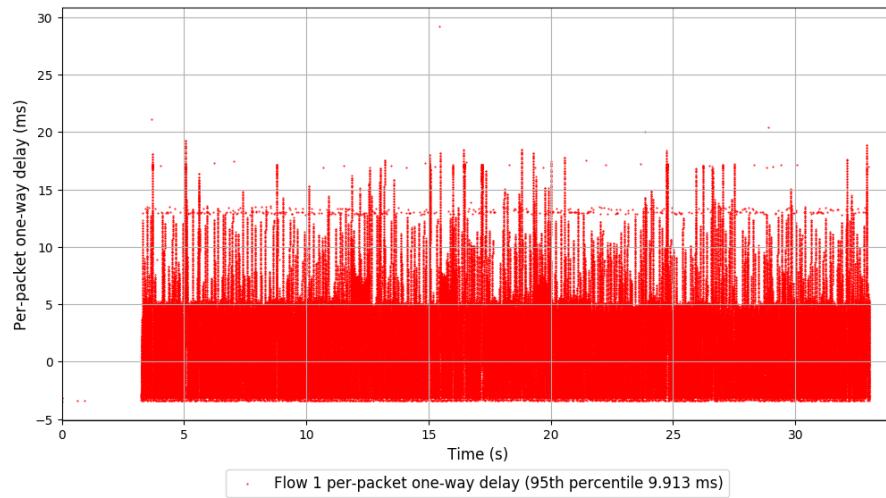
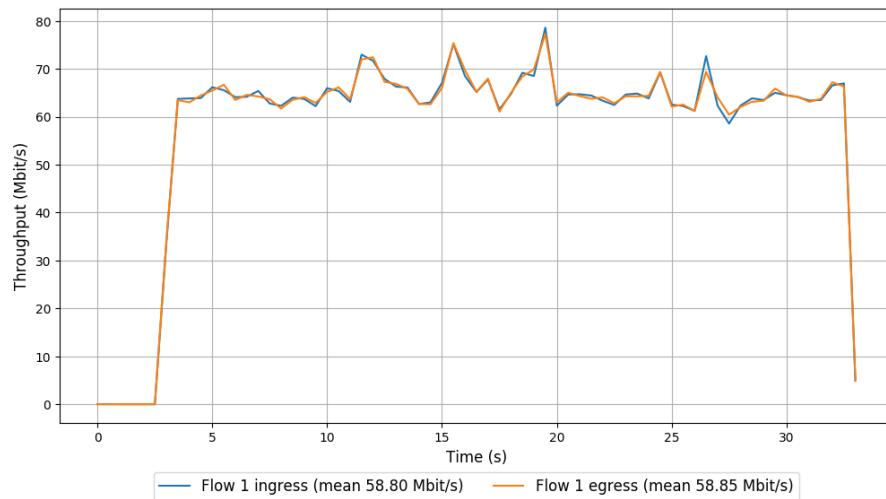


Run 5: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:18:47 +0000
End at: Mon, 19 Jun 2017 22:19:17 +0000
Local clock offset: -5.68 ms
Remote clock offset: -0.216 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:36:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 9.913 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 9.913 ms
Loss rate: 0.00%
```

Run 5: Report of Saturator — Data Link

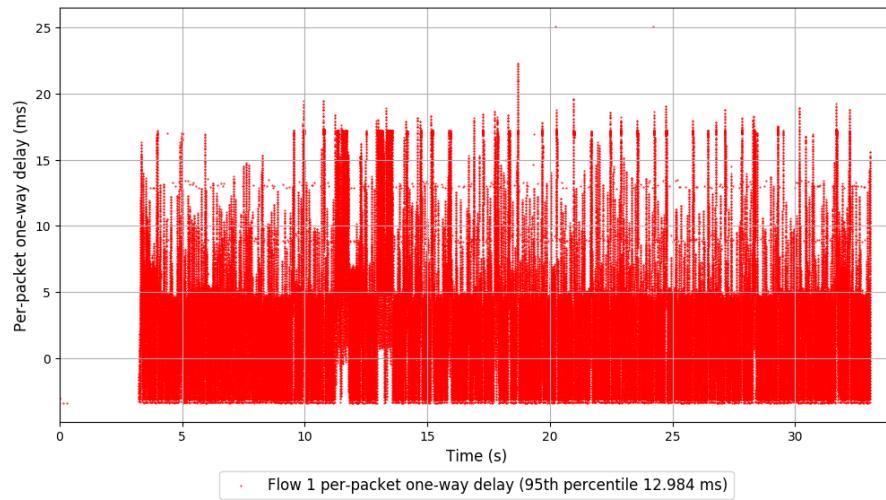
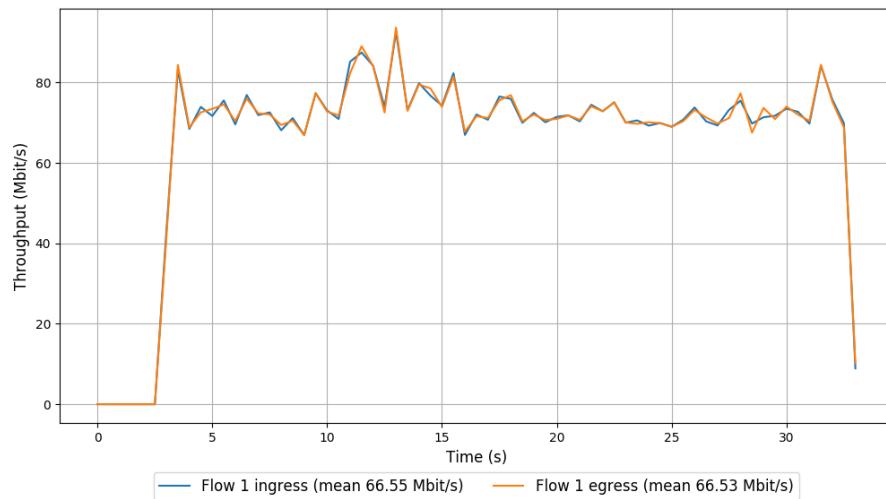


Run 6: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:37:06 +0000
End at: Mon, 19 Jun 2017 22:37:36 +0000
Local clock offset: -5.46 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:36:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.53 Mbit/s
95th percentile per-packet one-way delay: 12.984 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.53 Mbit/s
95th percentile per-packet one-way delay: 12.984 ms
Loss rate: 0.00%
```

Run 6: Report of Saturator — Data Link

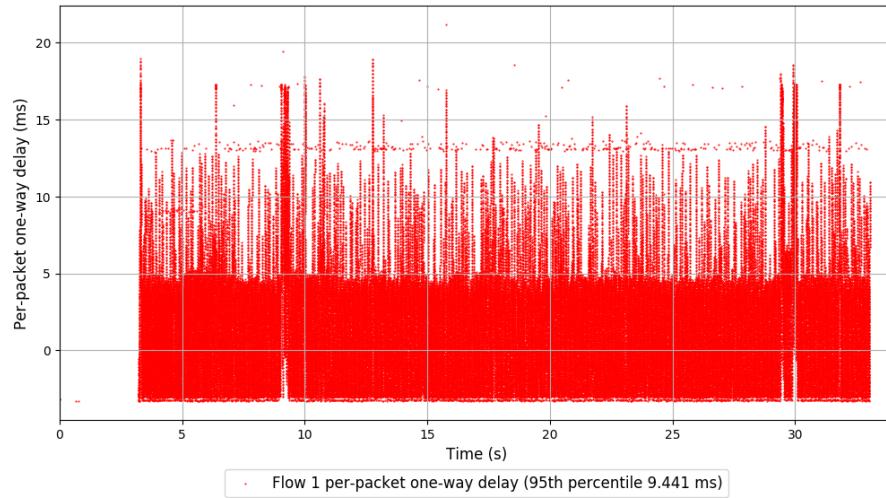
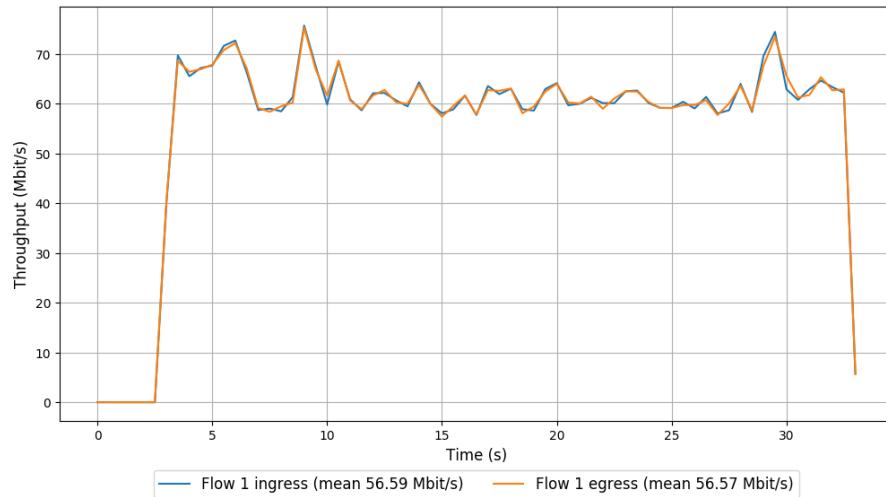


Run 7: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 22:55:42 +0000
End at: Mon, 19 Jun 2017 22:56:12 +0000
Local clock offset: -5.215 ms
Remote clock offset: 0.172 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:37:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 9.441 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 9.441 ms
Loss rate: 0.00%
```

Run 7: Report of Saturator — Data Link

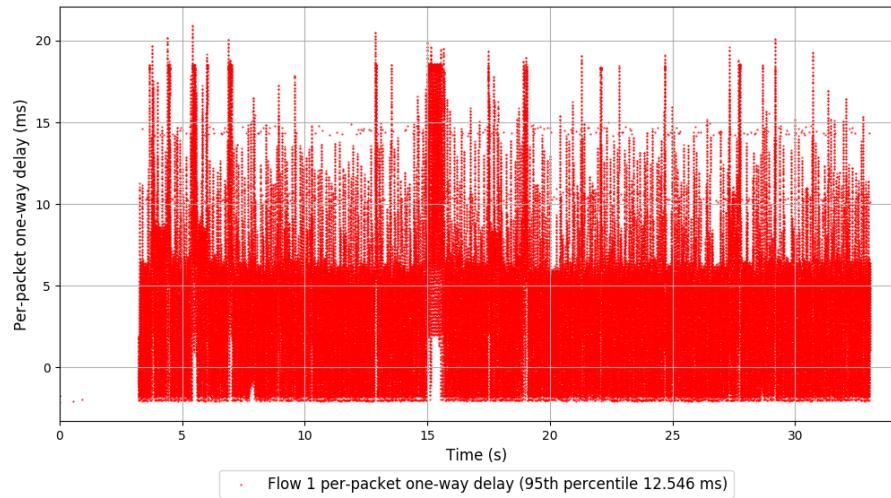
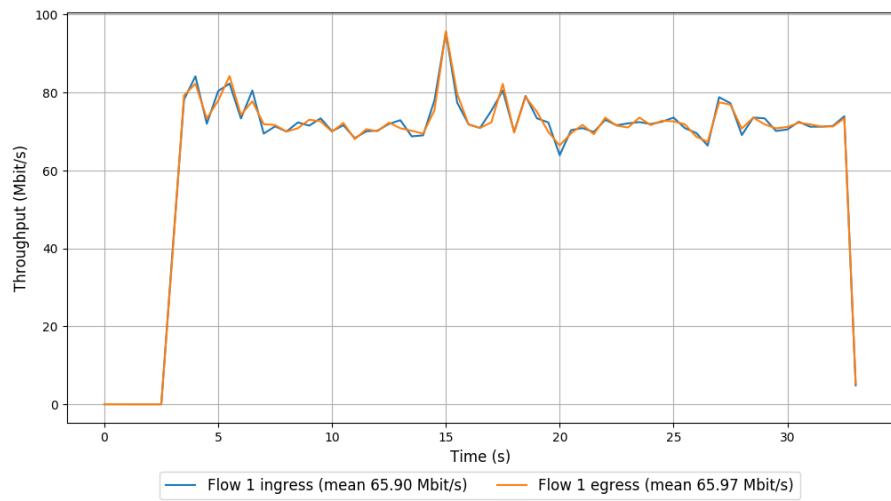


Run 8: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:13:48 +0000
End at: Mon, 19 Jun 2017 23:14:18 +0000
Local clock offset: -3.851 ms
Remote clock offset: 0.361 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:37:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.97 Mbit/s
95th percentile per-packet one-way delay: 12.546 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.97 Mbit/s
95th percentile per-packet one-way delay: 12.546 ms
Loss rate: 0.00%
```

Run 8: Report of Saturator — Data Link

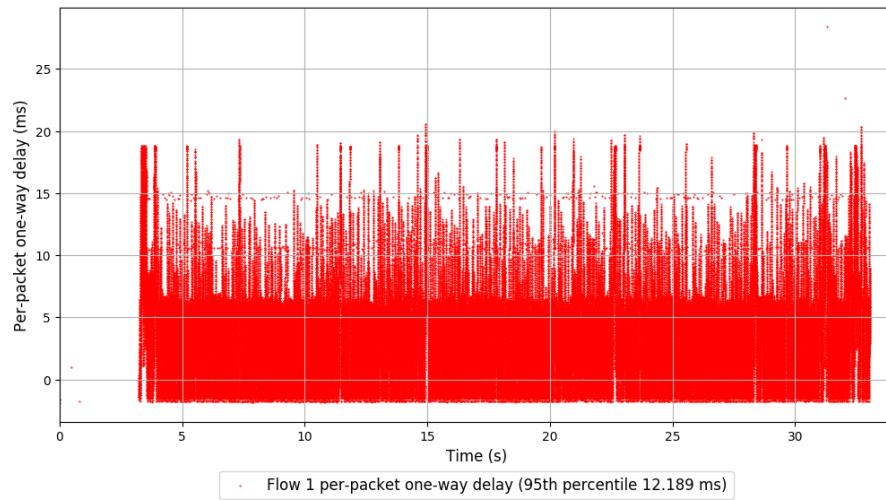
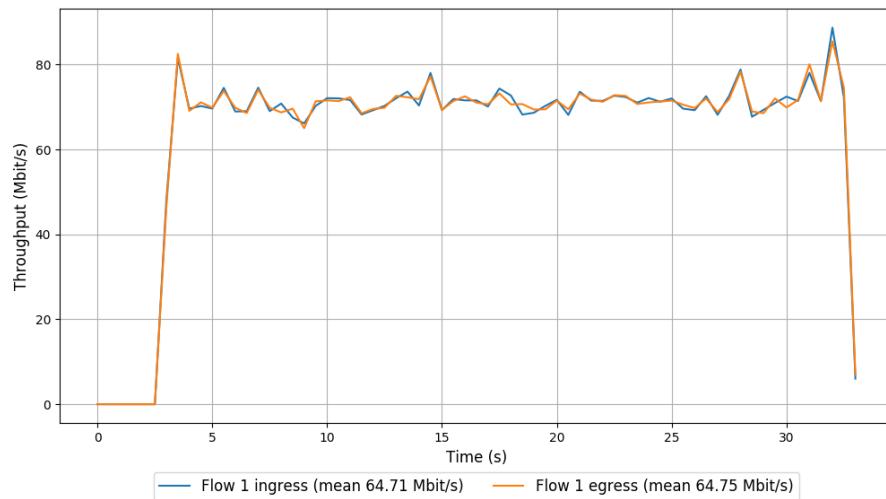


Run 9: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:32:03 +0000
End at: Mon, 19 Jun 2017 23:32:33 +0000
Local clock offset: -3.1 ms
Remote clock offset: 0.754 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:37:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 12.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 12.189 ms
Loss rate: 0.00%
```

Run 9: Report of Saturator — Data Link

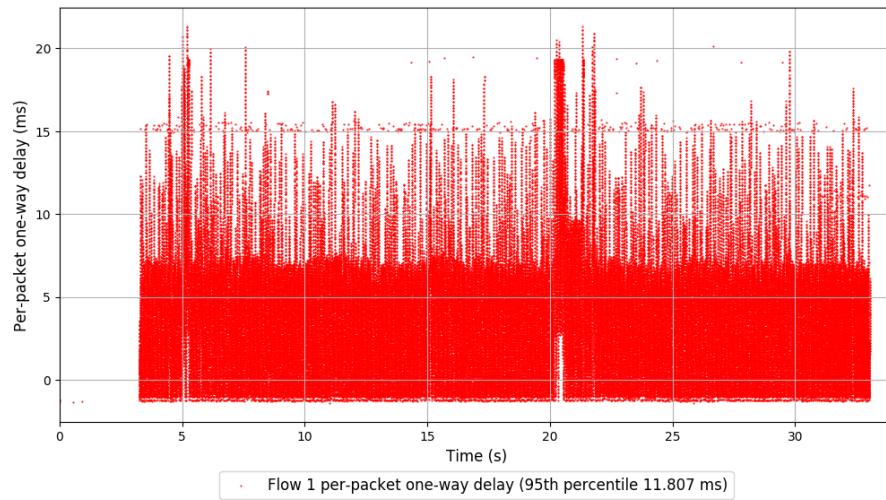
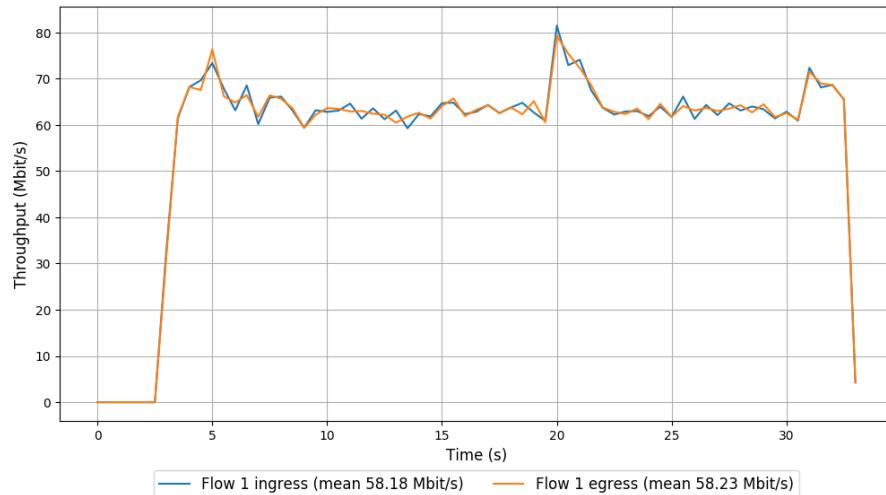


Run 10: Statistics of Saturator

```
Start at: Mon, 19 Jun 2017 23:50:18 +0000
End at: Mon, 19 Jun 2017 23:50:48 +0000
Local clock offset: -2.194 ms
Remote clock offset: 1.091 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:38:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 11.807 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 11.807 ms
Loss rate: 0.00%
```

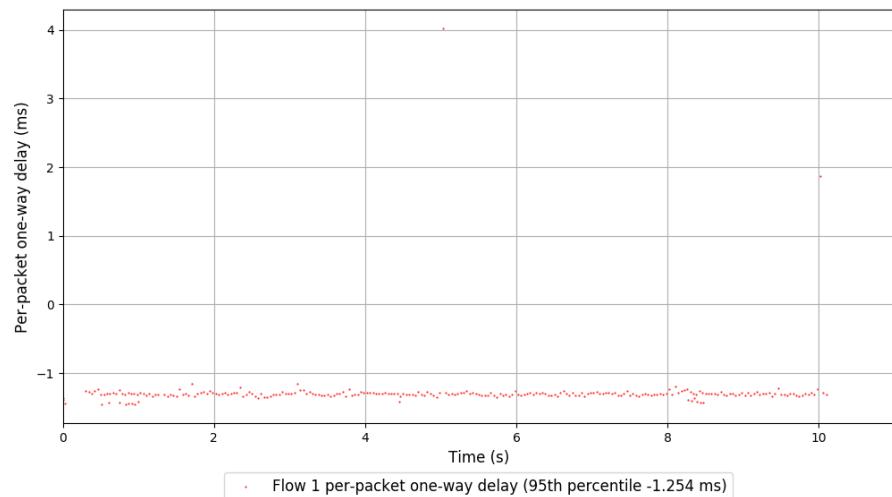
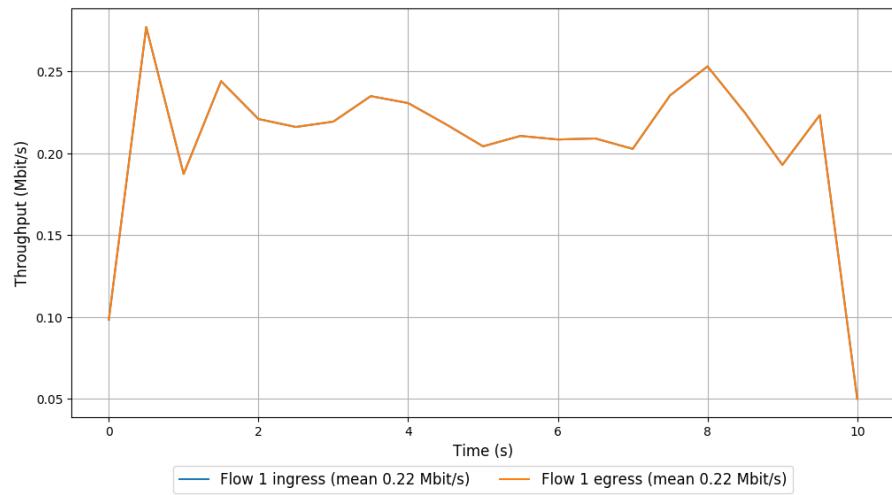
### Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Mon, 19 Jun 2017 20:55:56 +0000  
End at: Mon, 19 Jun 2017 20:56:26 +0000  
Local clock offset: -5.323 ms  
Remote clock offset: -1.359 ms

Run 1: Report of SCReAM — Data Link

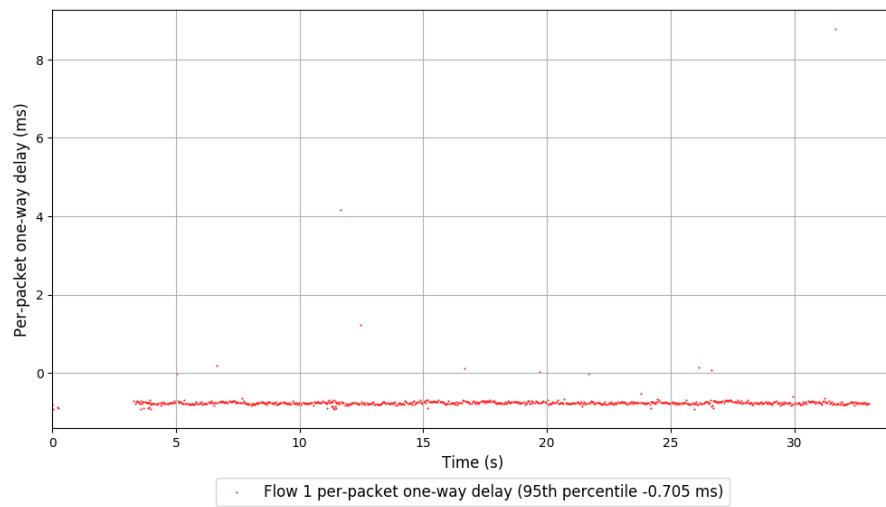
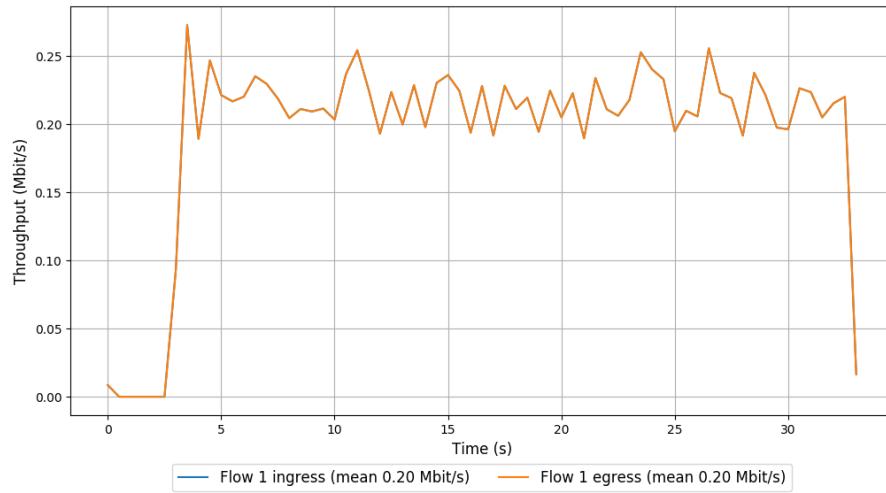


Run 2: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 21:14:29 +0000
End at: Mon, 19 Jun 2017 21:14:59 +0000
Local clock offset: -4.063 ms
Remote clock offset: -1.172 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:38:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -0.705 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -0.705 ms
Loss rate: 0.00%
```

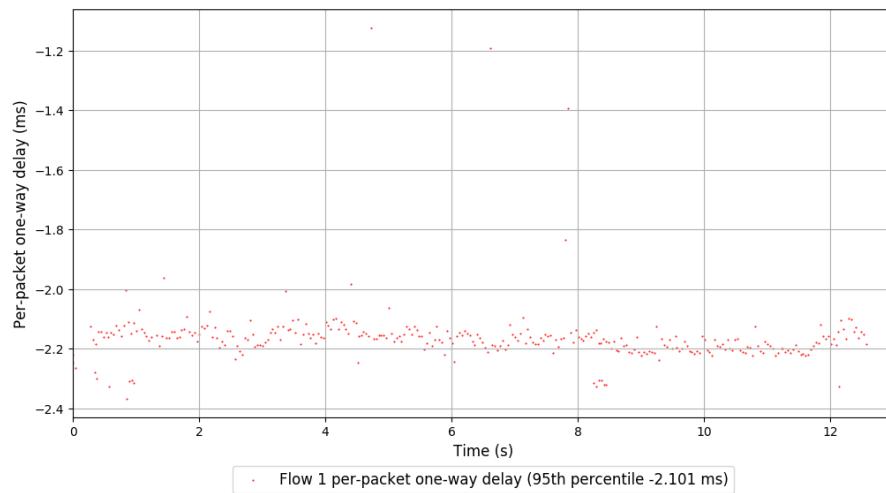
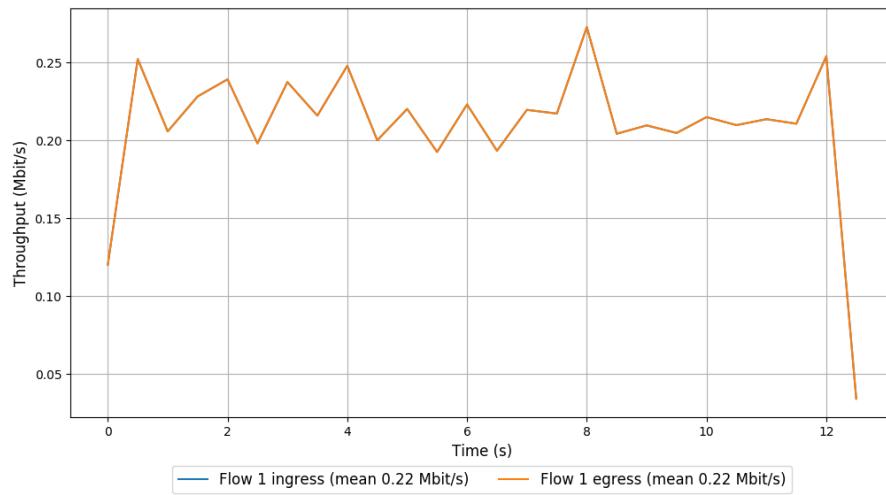
## Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Mon, 19 Jun 2017 21:33:00 +0000  
End at: Mon, 19 Jun 2017 21:33:30 +0000  
Local clock offset: -5.21 ms  
Remote clock offset: -0.948 ms

Run 3: Report of SCReAM — Data Link

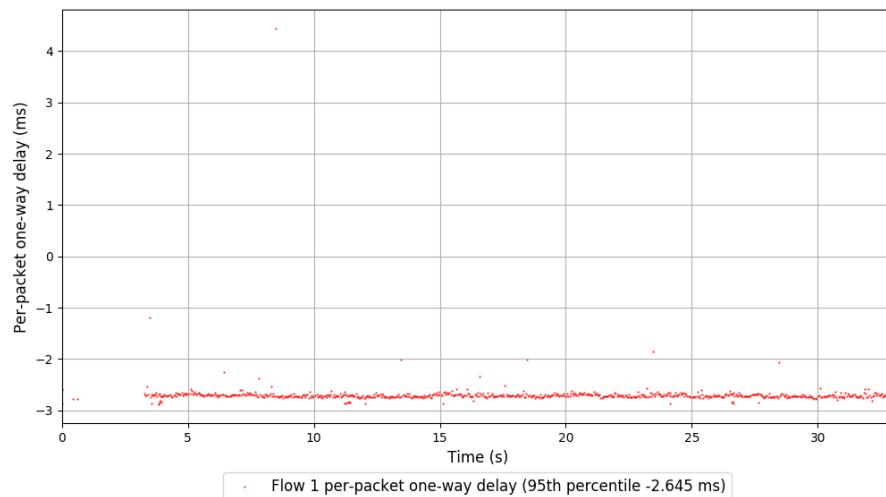
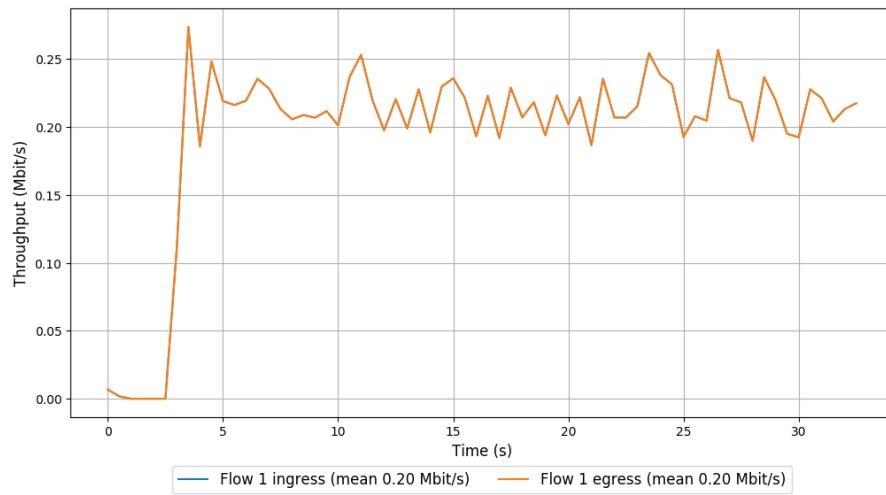


Run 4: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 21:51:06 +0000
End at: Mon, 19 Jun 2017 21:51:36 +0000
Local clock offset: -5.524 ms
Remote clock offset: -0.656 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:38:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.645 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.645 ms
Loss rate: 0.00%
```

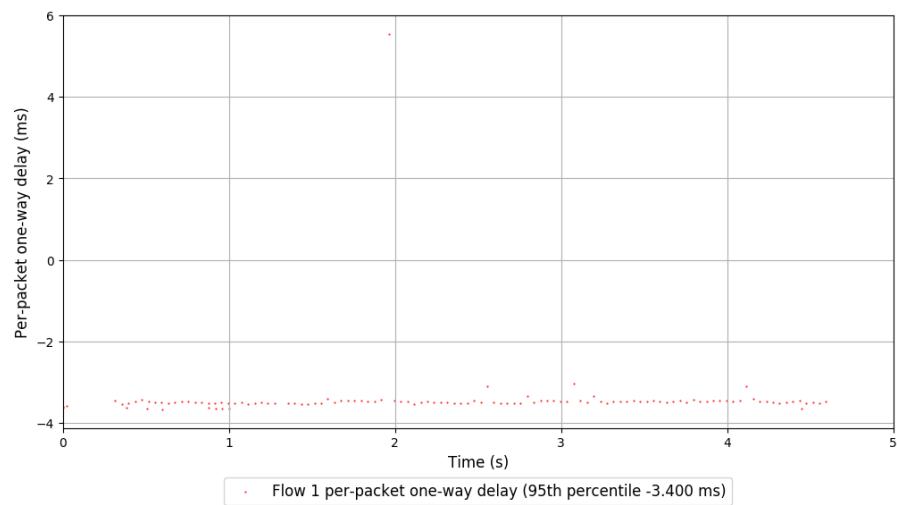
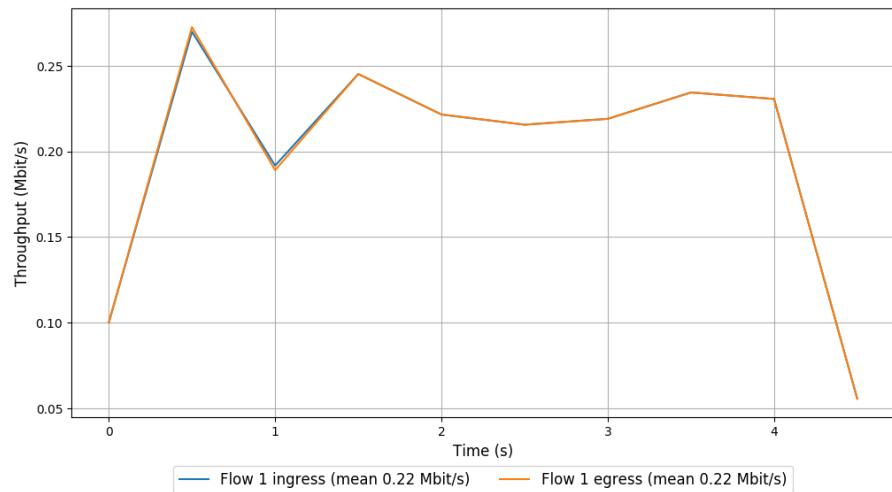
Run 4: Report of SCReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Mon, 19 Jun 2017 22:09:38 +0000  
End at: Mon, 19 Jun 2017 22:10:08 +0000  
Local clock offset: -5.946 ms  
Remote clock offset: -0.294 ms

Run 5: Report of SCReAM — Data Link

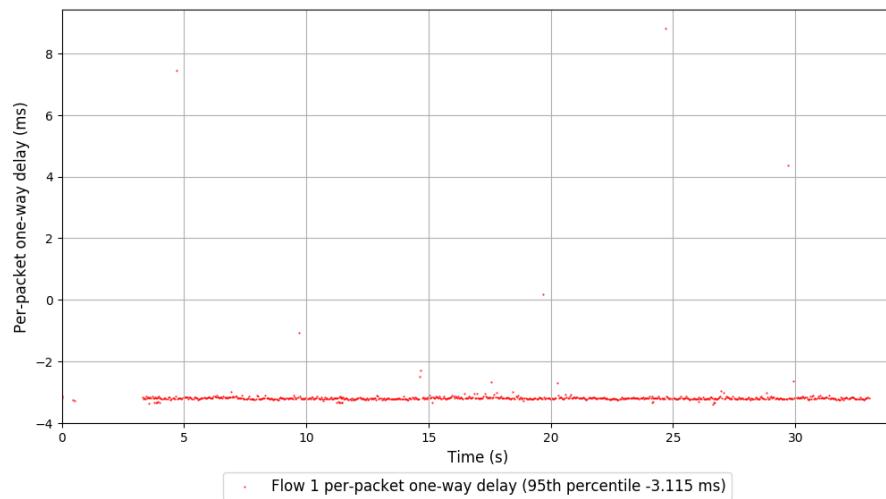
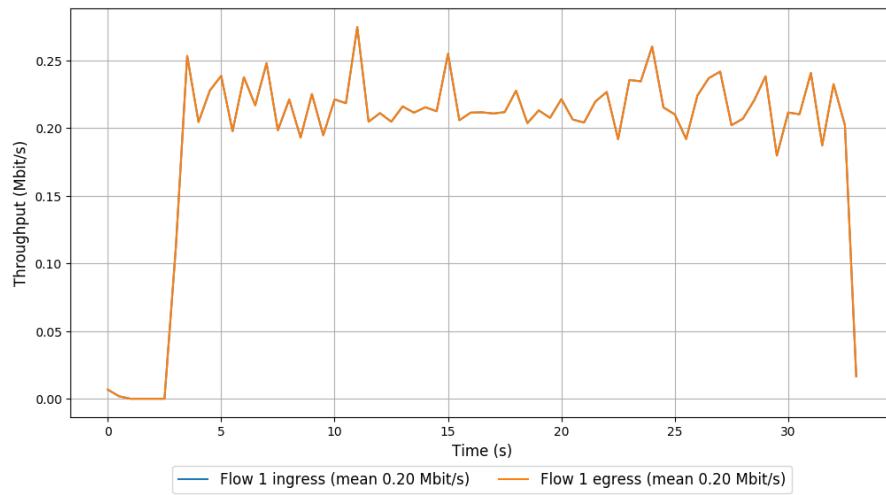


Run 6: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 22:27:48 +0000
End at: Mon, 19 Jun 2017 22:28:18 +0000
Local clock offset: -5.389 ms
Remote clock offset: -0.021 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:38:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -3.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -3.115 ms
Loss rate: 0.00%
```

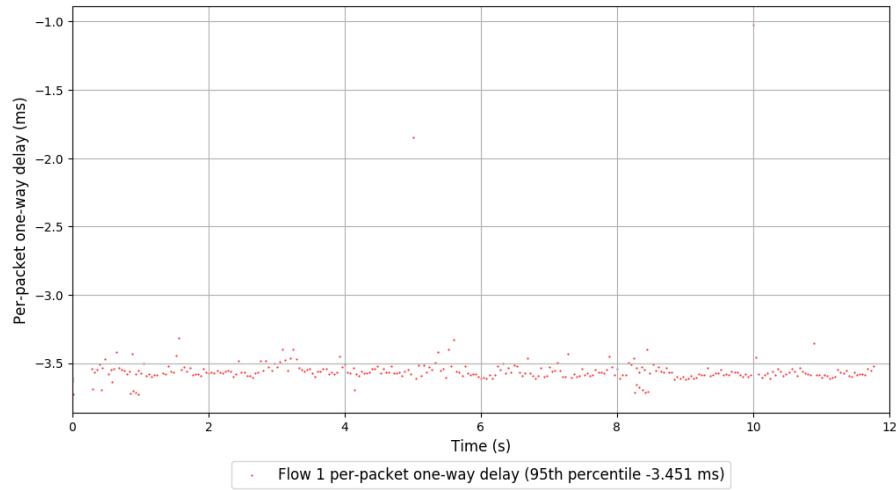
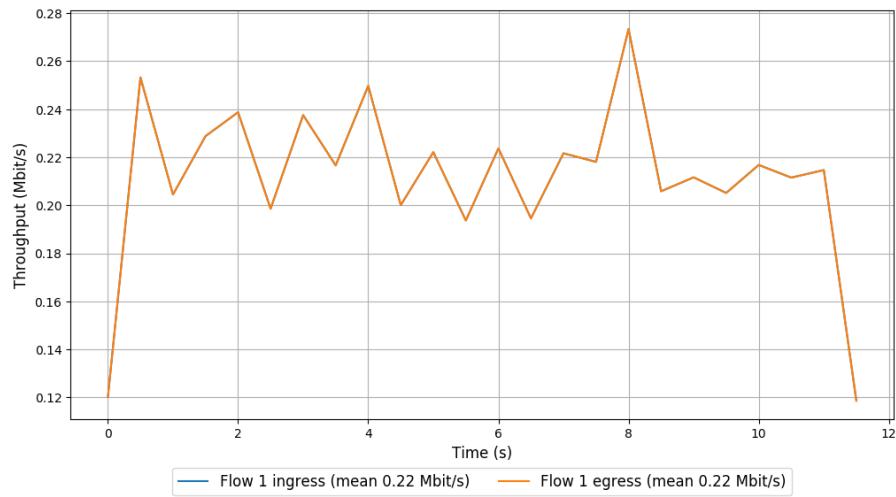
Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Mon, 19 Jun 2017 22:46:21 +0000  
End at: Mon, 19 Jun 2017 22:46:51 +0000  
Local clock offset: -5.668 ms  
Remote clock offset: 0.105 ms

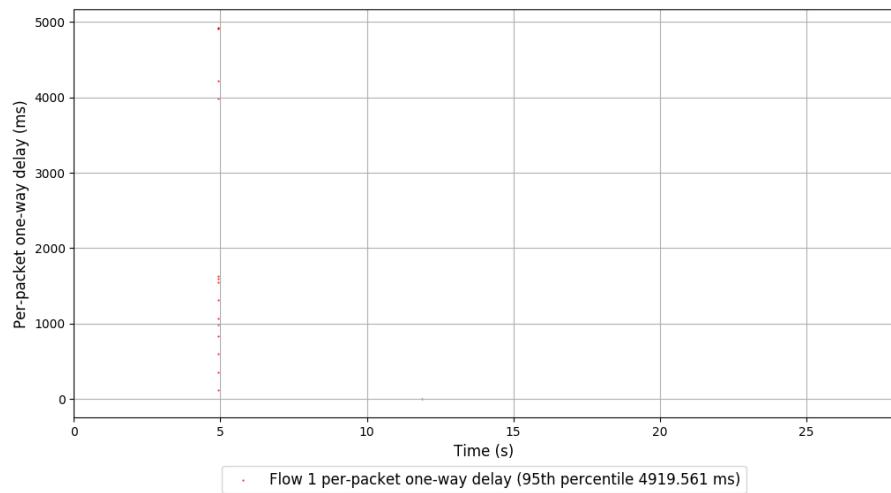
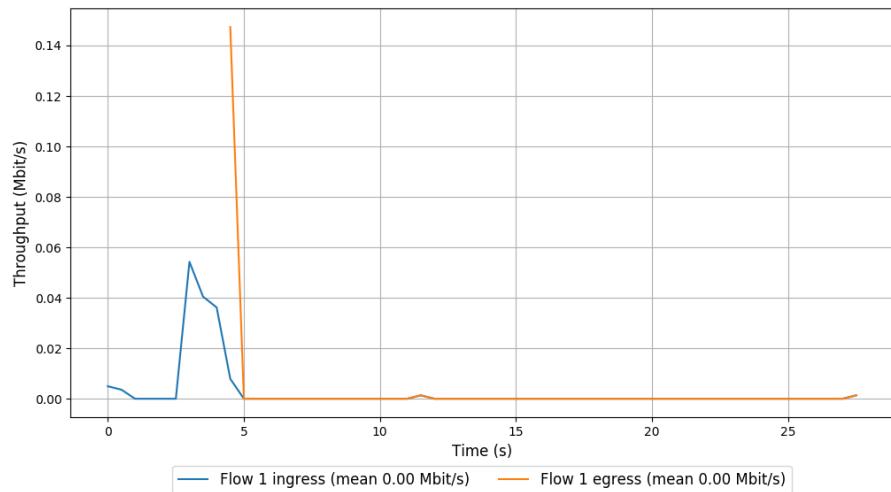
## Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Mon, 19 Jun 2017 23:04:36 +0000  
End at: Mon, 19 Jun 2017 23:05:06 +0000  
Local clock offset: -4.82 ms  
Remote clock offset: 0.231 ms

## Run 8: Report of SCReAM — Data Link

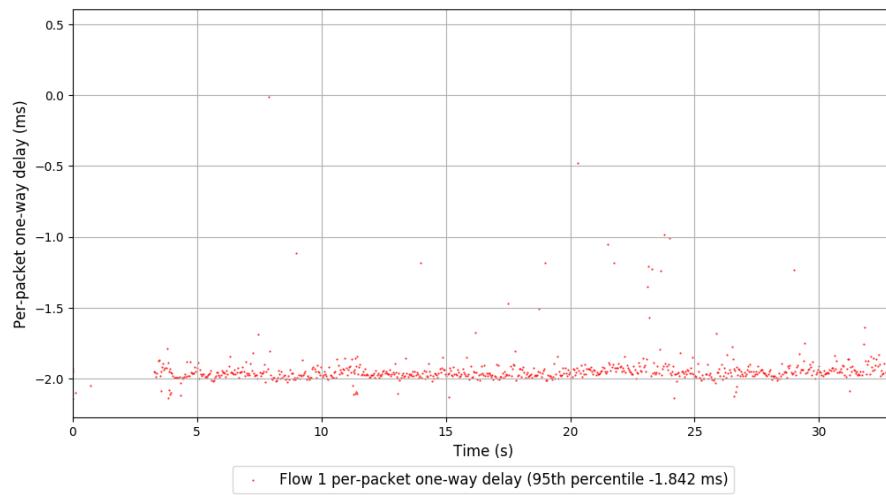
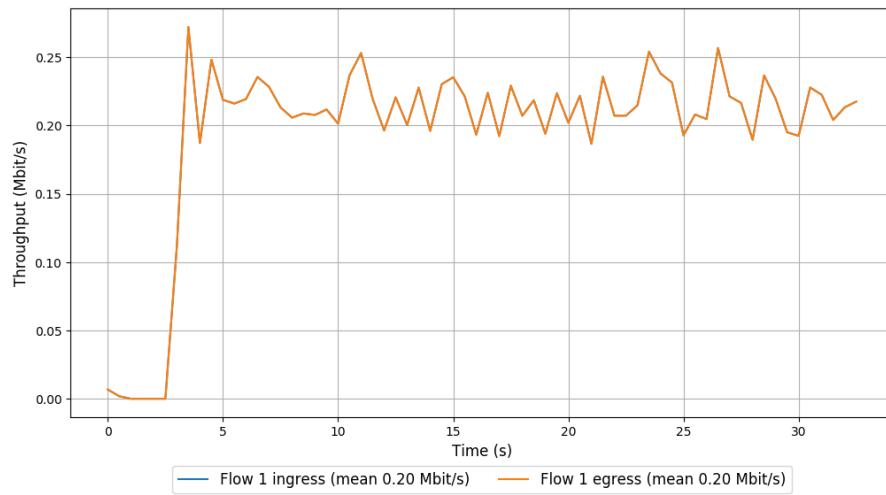


Run 9: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 23:22:42 +0000
End at: Mon, 19 Jun 2017 23:23:12 +0000
Local clock offset: -3.635 ms
Remote clock offset: 0.615 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:38:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -1.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -1.842 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

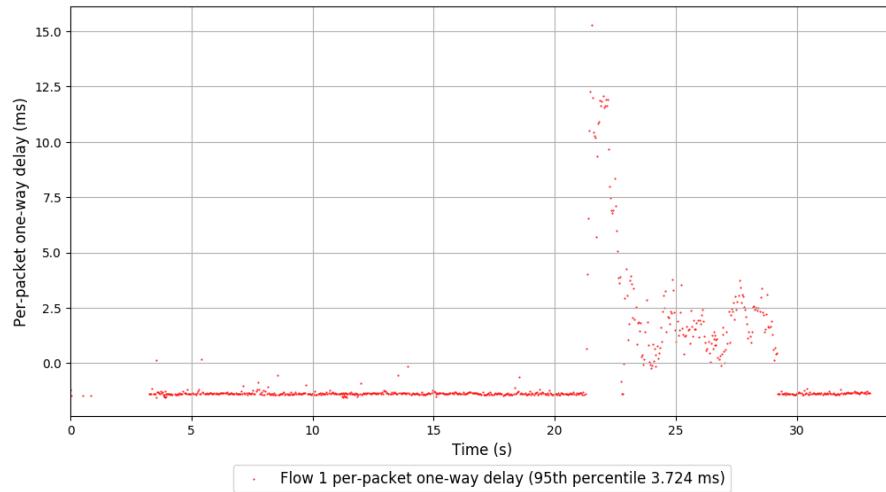
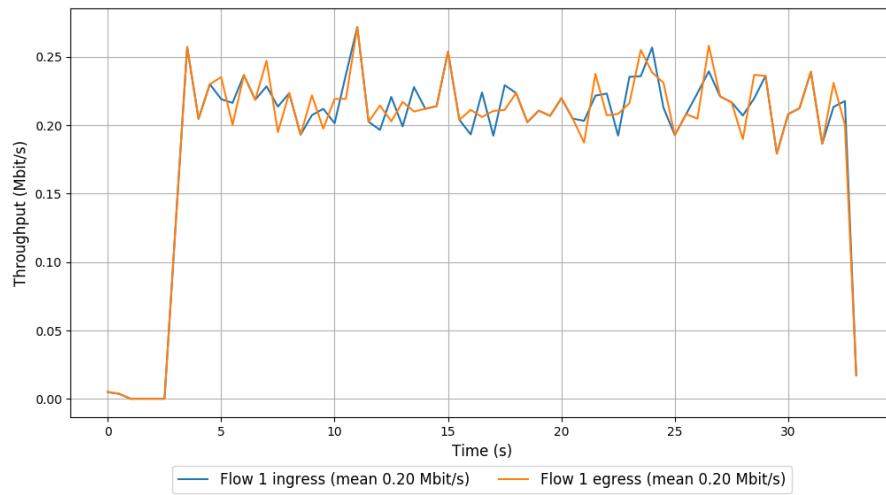


Run 10: Statistics of SCReAM

```
Start at: Mon, 19 Jun 2017 23:41:03 +0000
End at: Mon, 19 Jun 2017 23:41:33 +0000
Local clock offset: -2.576 ms
Remote clock offset: 0.99 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:38:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.724 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 3.724 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

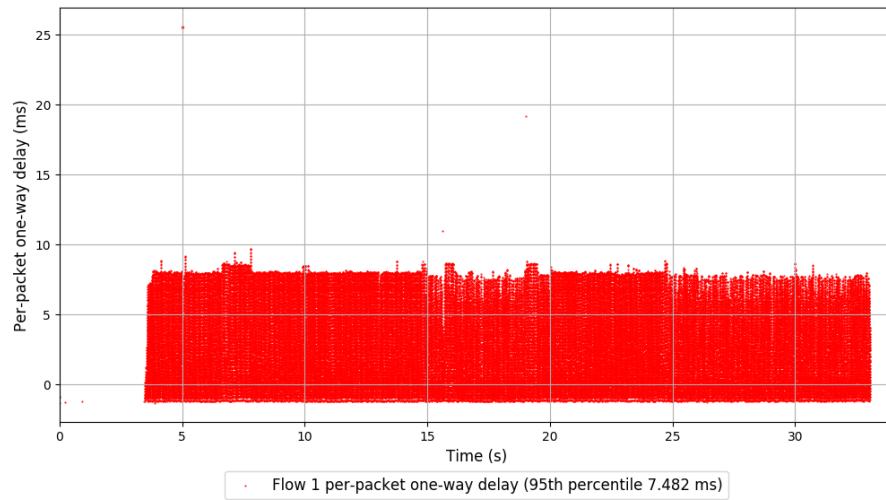
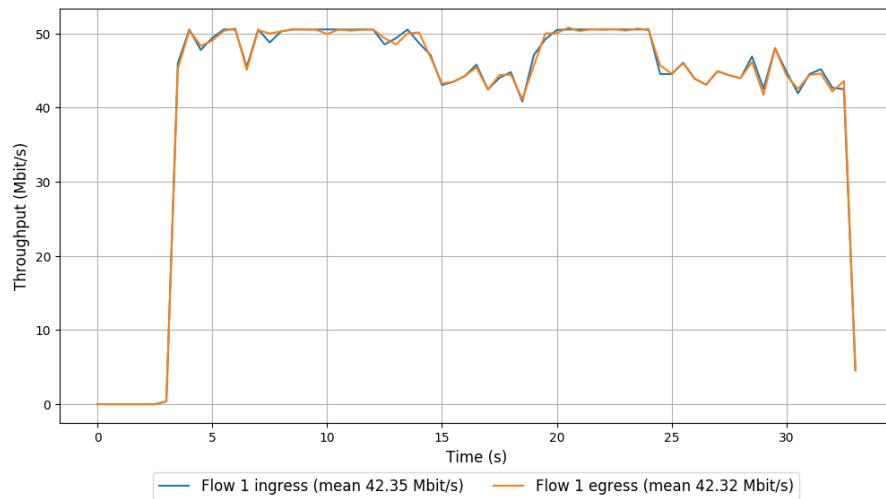


Run 1: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:02:41 +0000
End at: Mon, 19 Jun 2017 21:03:11 +0000
Local clock offset: -4.665 ms
Remote clock offset: -1.384 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:38:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.32 Mbit/s
95th percentile per-packet one-way delay: 7.482 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 42.32 Mbit/s
95th percentile per-packet one-way delay: 7.482 ms
Loss rate: 0.06%
```

## Run 1: Report of Sprout — Data Link

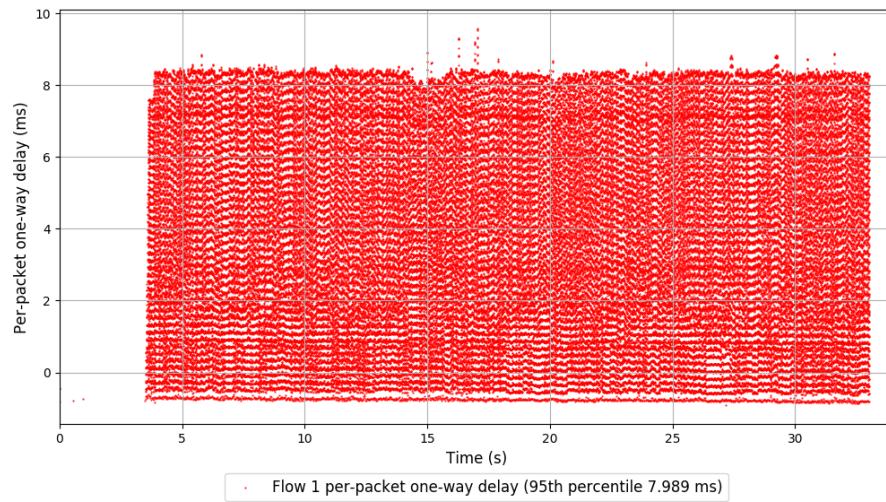
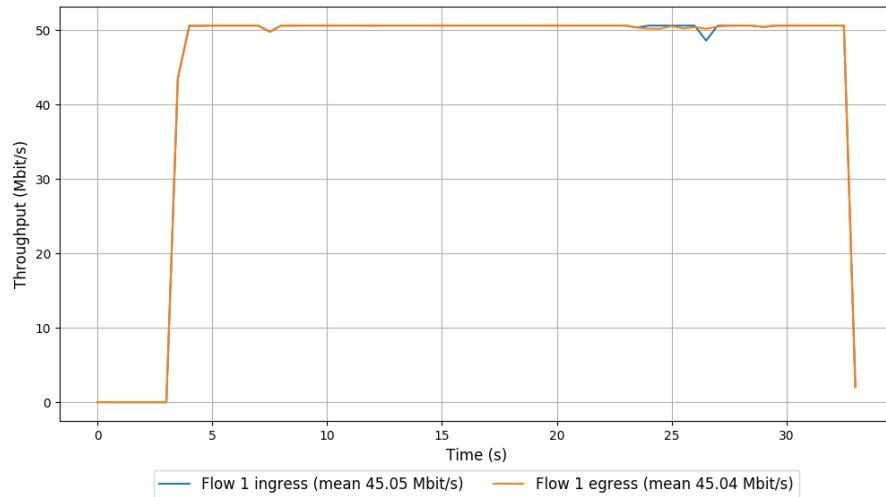


Run 2: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:21:27 +0000
End at: Mon, 19 Jun 2017 21:21:57 +0000
Local clock offset: -3.912 ms
Remote clock offset: -1.109 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:38:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.04 Mbit/s
95th percentile per-packet one-way delay: 7.989 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.04 Mbit/s
95th percentile per-packet one-way delay: 7.989 ms
Loss rate: 0.00%
```

## Run 2: Report of Sprout — Data Link

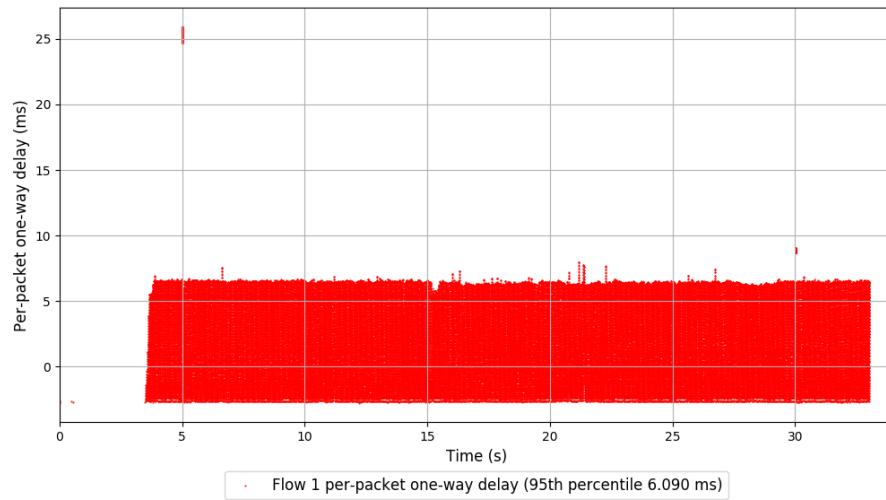
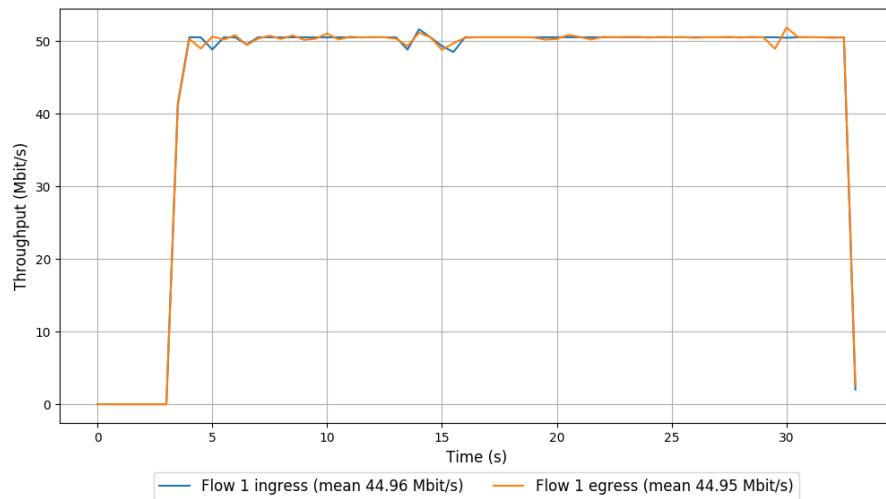


Run 3: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:39:47 +0000
End at: Mon, 19 Jun 2017 21:40:17 +0000
Local clock offset: -5.665 ms
Remote clock offset: -0.885 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:39:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 6.090 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 6.090 ms
Loss rate: 0.00%
```

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

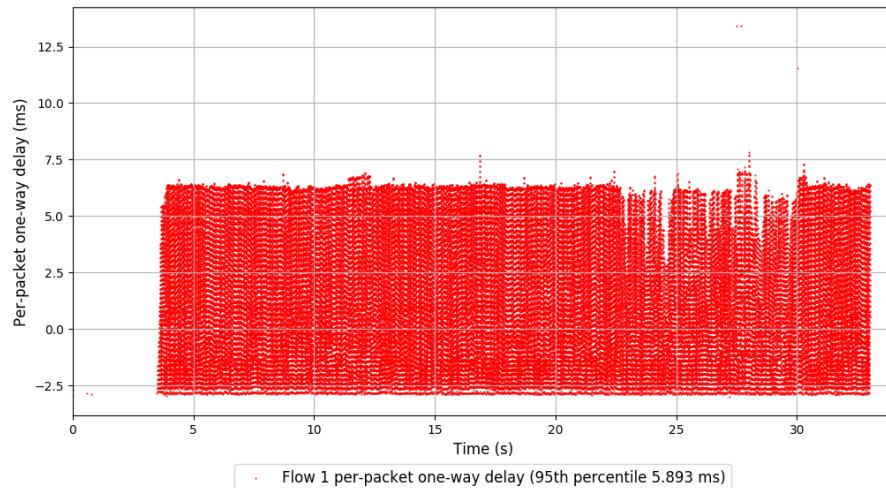
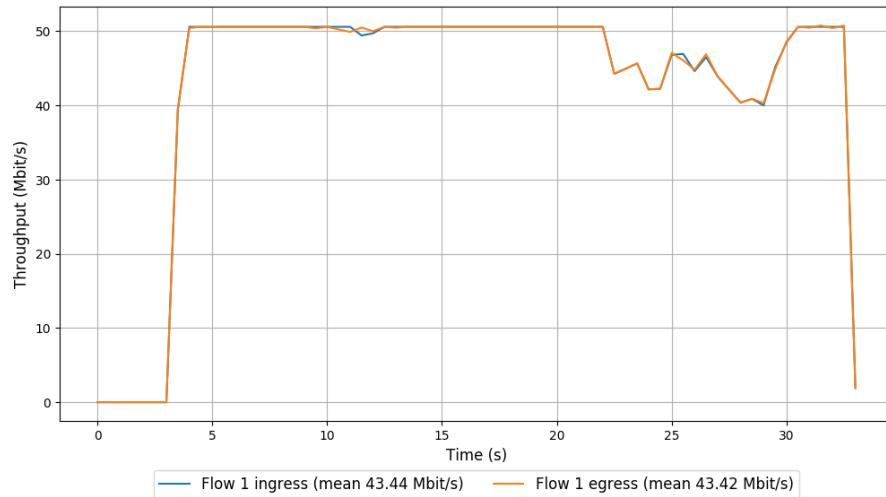


Run 4: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 21:58:03 +0000
End at: Mon, 19 Jun 2017 21:58:33 +0000
Local clock offset: -5.46 ms
Remote clock offset: -0.49 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:39:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.42 Mbit/s
95th percentile per-packet one-way delay: 5.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.42 Mbit/s
95th percentile per-packet one-way delay: 5.893 ms
Loss rate: 0.00%
```

## Run 4: Report of Sprout — Data Link

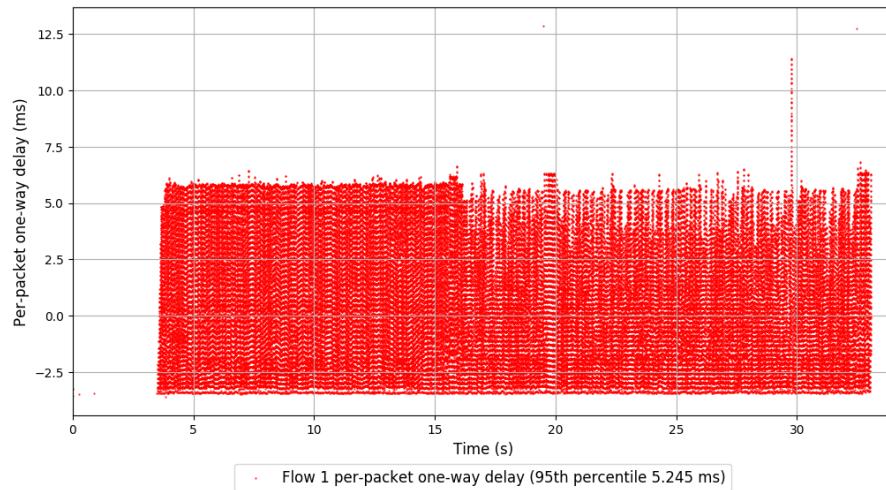
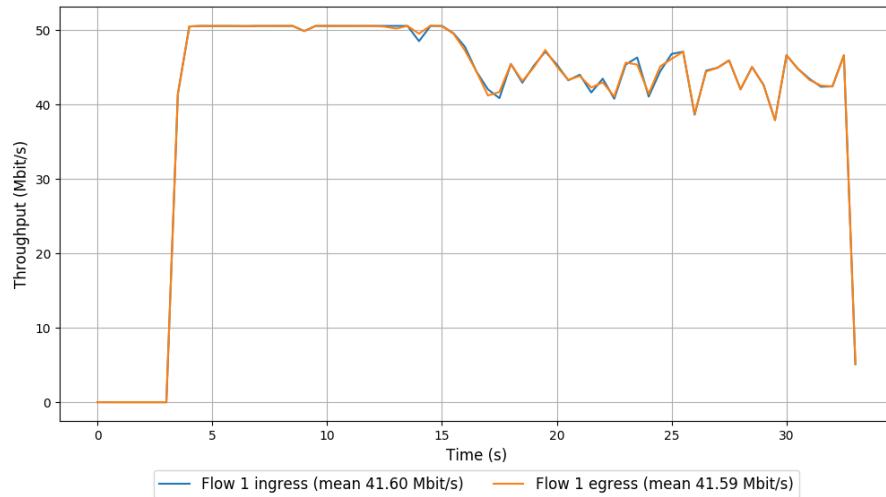


Run 5: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:16:22 +0000
End at: Mon, 19 Jun 2017 22:16:53 +0000
Local clock offset: -5.775 ms
Remote clock offset: -0.201 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:39:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.59 Mbit/s
95th percentile per-packet one-way delay: 5.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.59 Mbit/s
95th percentile per-packet one-way delay: 5.245 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

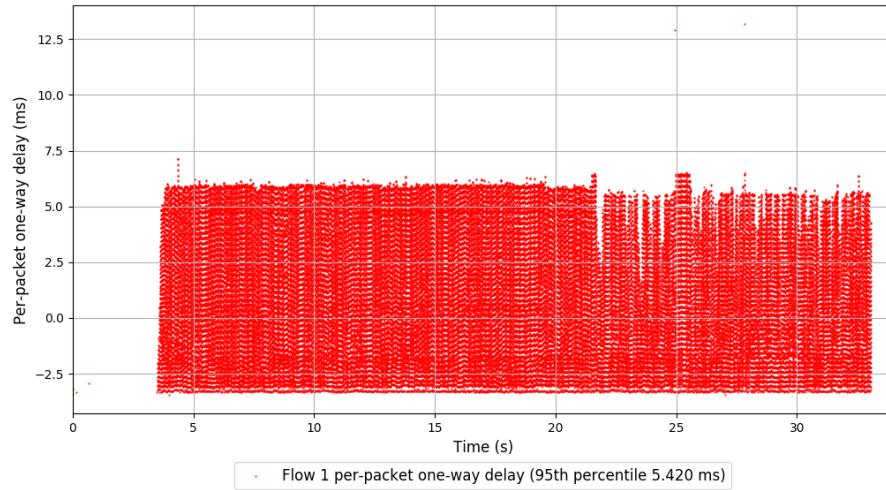
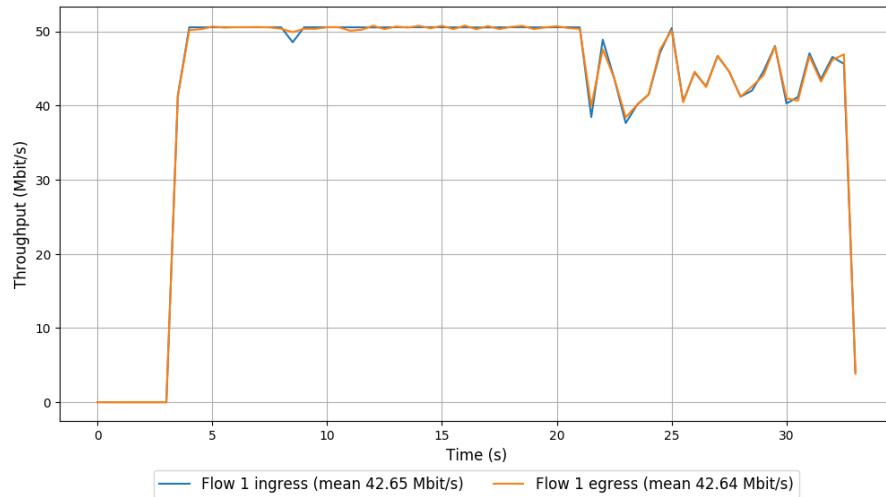


Run 6: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:34:36 +0000
End at: Mon, 19 Jun 2017 22:35:06 +0000
Local clock offset: -5.447 ms
Remote clock offset: -0.084 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:39:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.64 Mbit/s
95th percentile per-packet one-way delay: 5.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.64 Mbit/s
95th percentile per-packet one-way delay: 5.420 ms
Loss rate: 0.00%
```

## Run 6: Report of Sprout — Data Link

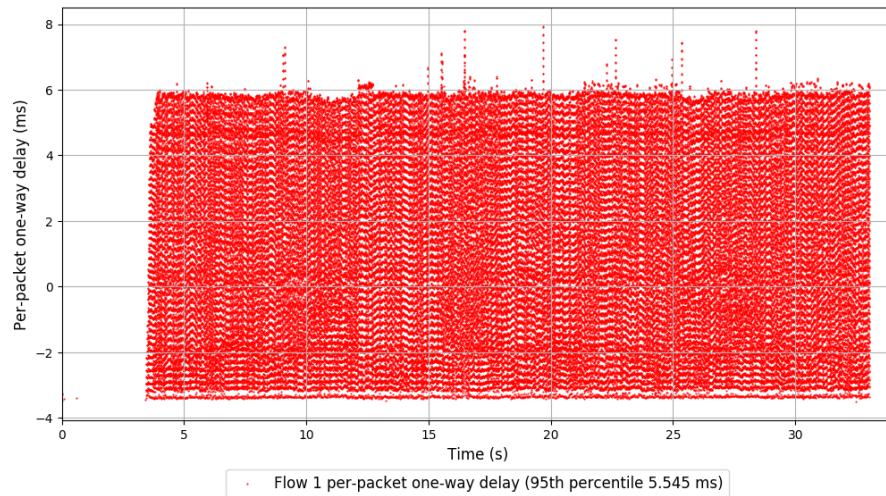
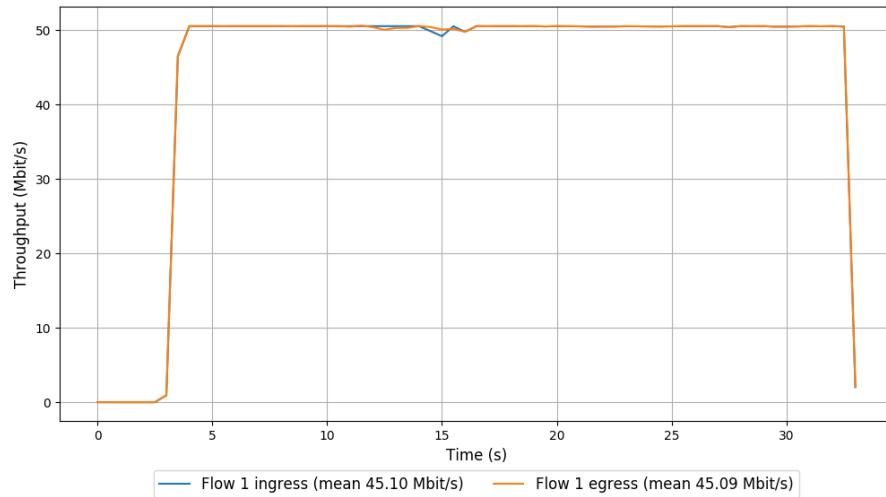


Run 7: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 22:53:07 +0000
End at: Mon, 19 Jun 2017 22:53:37 +0000
Local clock offset: -5.323 ms
Remote clock offset: 0.156 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:40:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.09 Mbit/s
95th percentile per-packet one-way delay: 5.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.09 Mbit/s
95th percentile per-packet one-way delay: 5.545 ms
Loss rate: 0.00%
```

## Run 7: Report of Sprout — Data Link

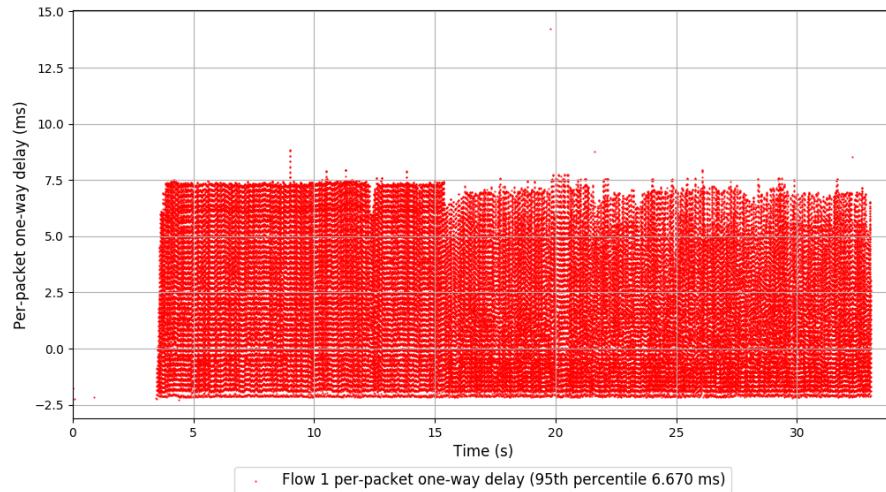
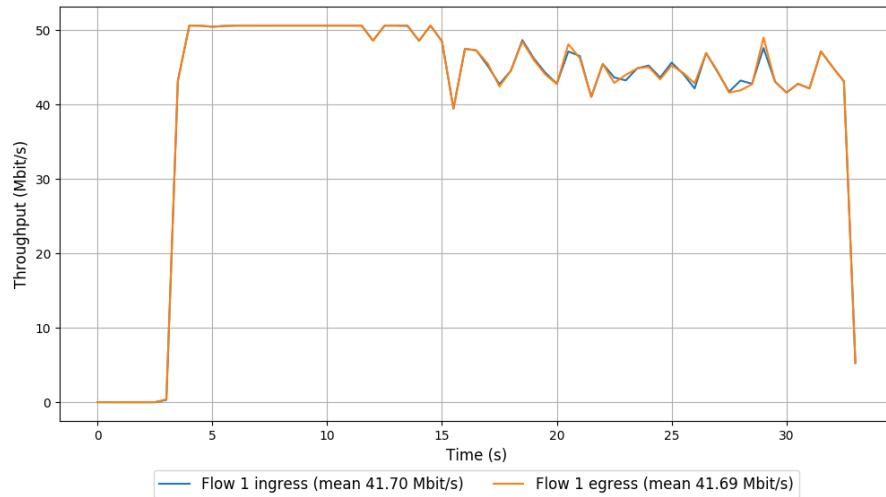


Run 8: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:11:22 +0000
End at: Mon, 19 Jun 2017 23:11:52 +0000
Local clock offset: -3.993 ms
Remote clock offset: 0.319 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:40:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 6.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 6.670 ms
Loss rate: 0.00%
```

## Run 8: Report of Sprout — Data Link

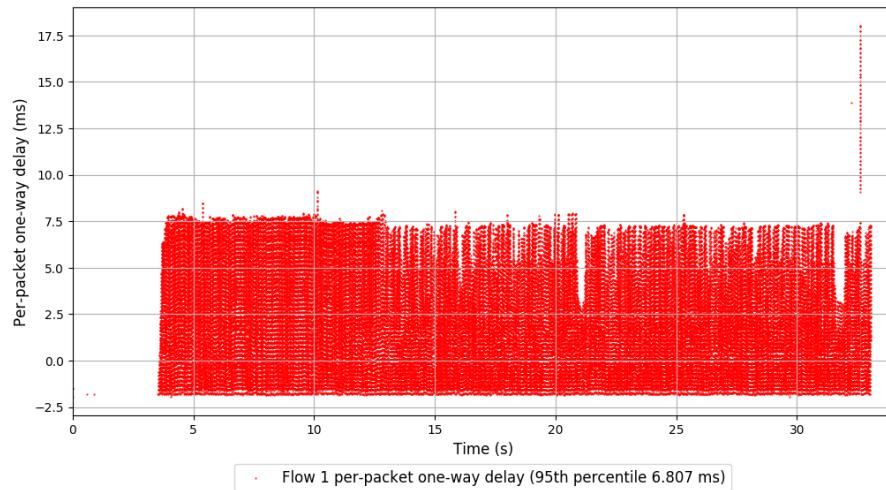
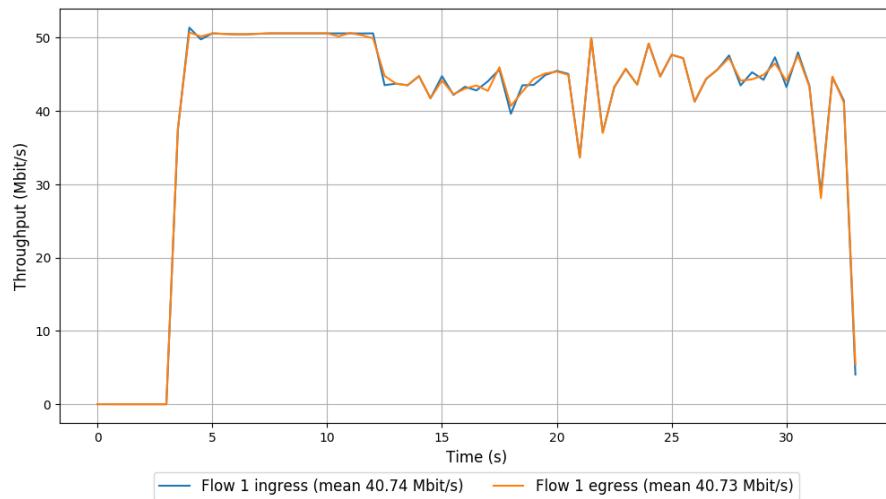


Run 9: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:29:29 +0000
End at: Mon, 19 Jun 2017 23:29:59 +0000
Local clock offset: -3.2 ms
Remote clock offset: 0.748 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:40:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 6.807 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 6.807 ms
Loss rate: 0.00%
```

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

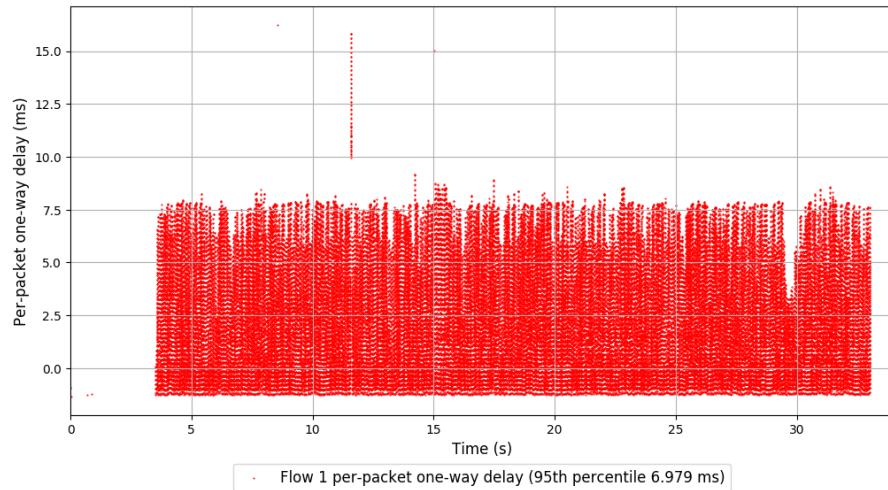
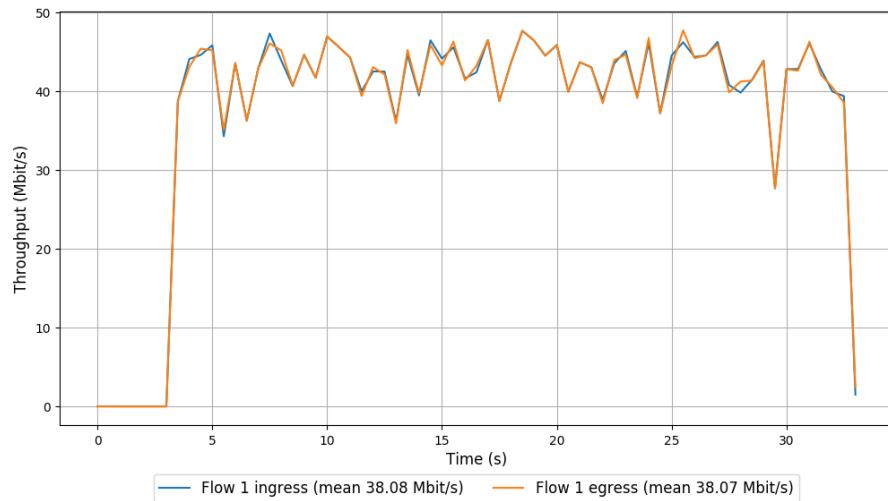


Run 10: Statistics of Sprout

```
Start at: Mon, 19 Jun 2017 23:47:53 +0000
End at: Mon, 19 Jun 2017 23:48:23 +0000
Local clock offset: -2.313 ms
Remote clock offset: 1.061 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:40:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 6.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 6.979 ms
Loss rate: 0.00%
```

## Run 10: Report of Sprout — Data Link

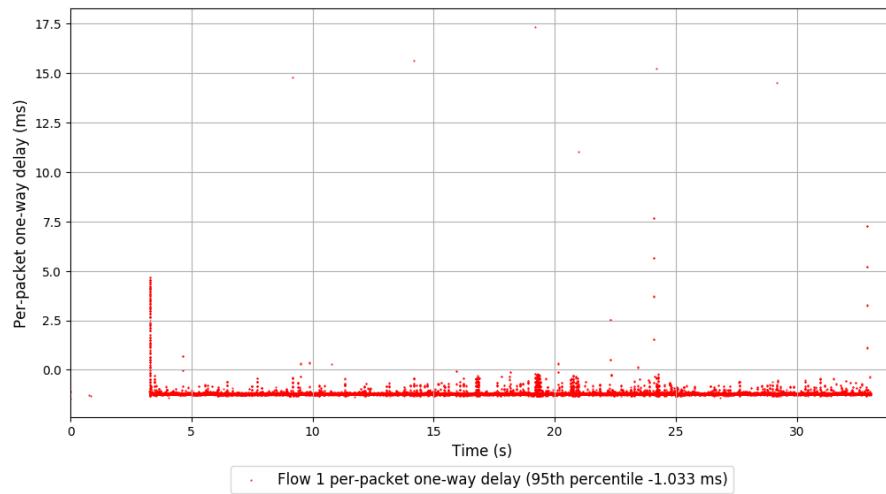
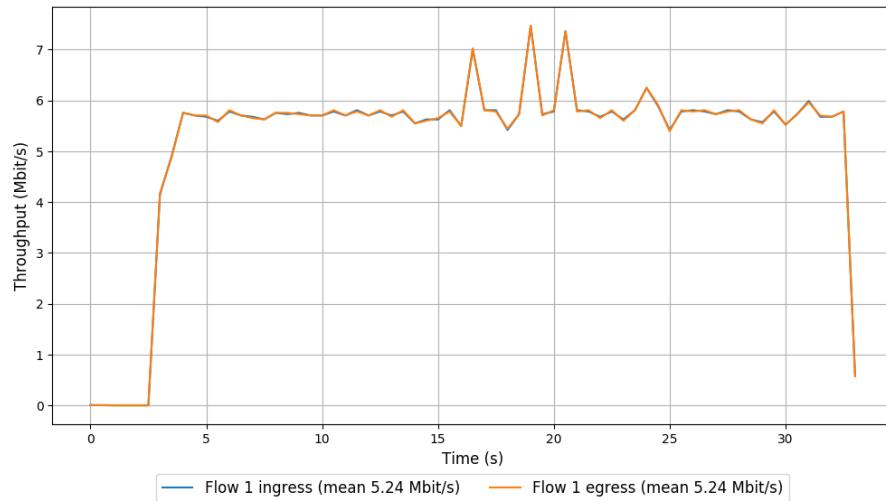


Run 1: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 20:59:10 +0000
End at: Mon, 19 Jun 2017 20:59:40 +0000
Local clock offset: -4.758 ms
Remote clock offset: -1.356 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:40:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.24 Mbit/s
95th percentile per-packet one-way delay: -1.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.24 Mbit/s
95th percentile per-packet one-way delay: -1.033 ms
Loss rate: 0.00%
```

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

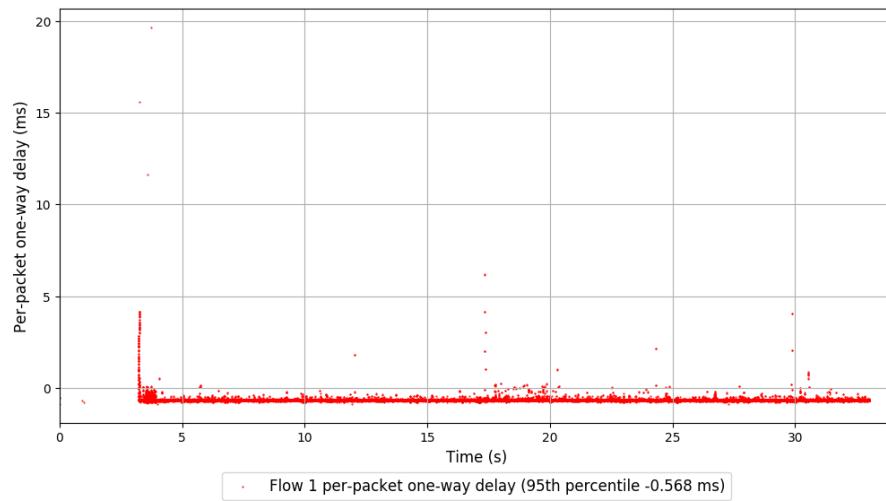
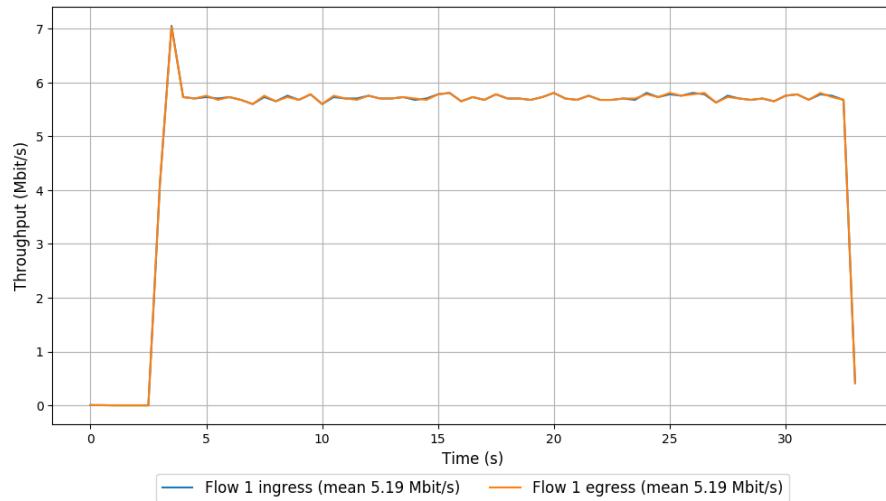


Run 2: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 21:17:45 +0000
End at: Mon, 19 Jun 2017 21:18:15 +0000
Local clock offset: -4.011 ms
Remote clock offset: -1.168 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:40:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: -0.568 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: -0.568 ms
Loss rate: 0.00%
```

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

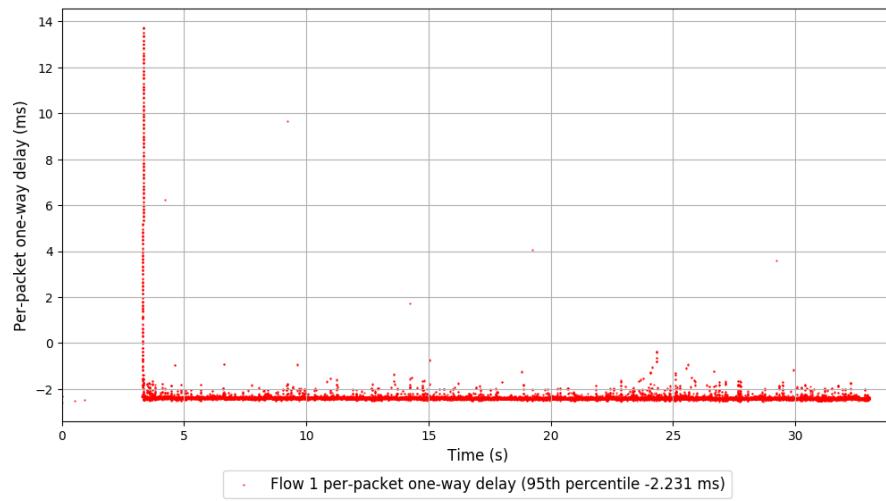
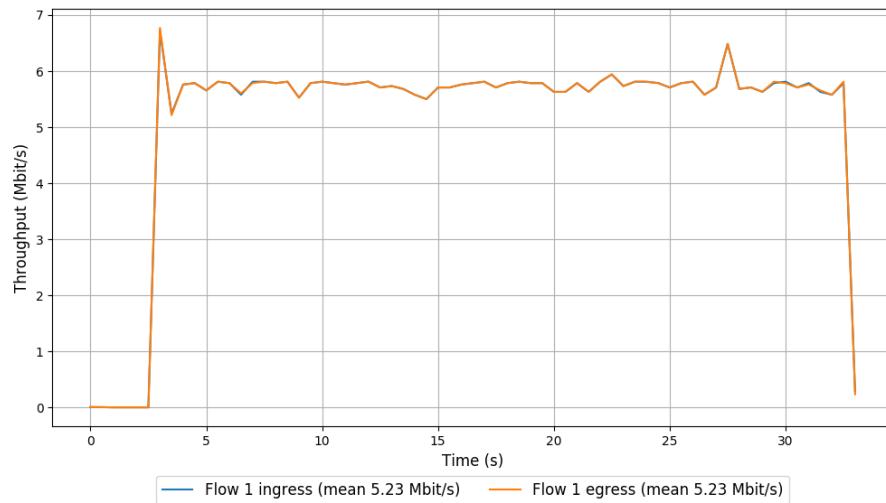


Run 3: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 21:36:15 +0000
End at: Mon, 19 Jun 2017 21:36:45 +0000
Local clock offset: -5.465 ms
Remote clock offset: -0.945 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:41:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: -2.231 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: -2.231 ms
Loss rate: 0.00%
```

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

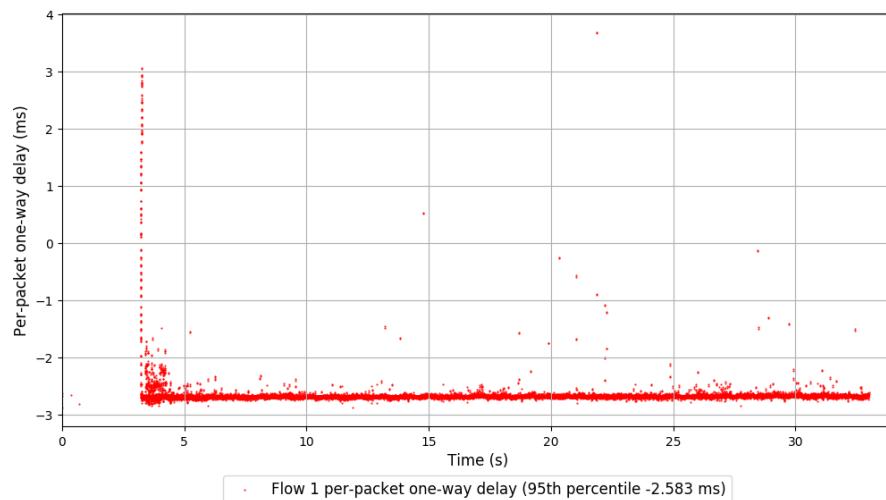
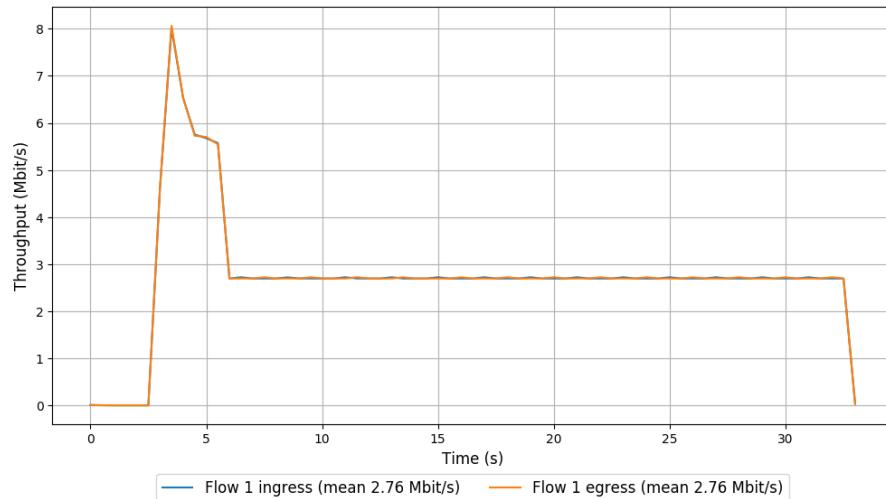


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 21:54:23 +0000
End at: Mon, 19 Jun 2017 21:54:53 +0000
Local clock offset: -5.439 ms
Remote clock offset: -0.572 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:41:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: -2.583 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: -2.583 ms
Loss rate: 0.00%
```

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

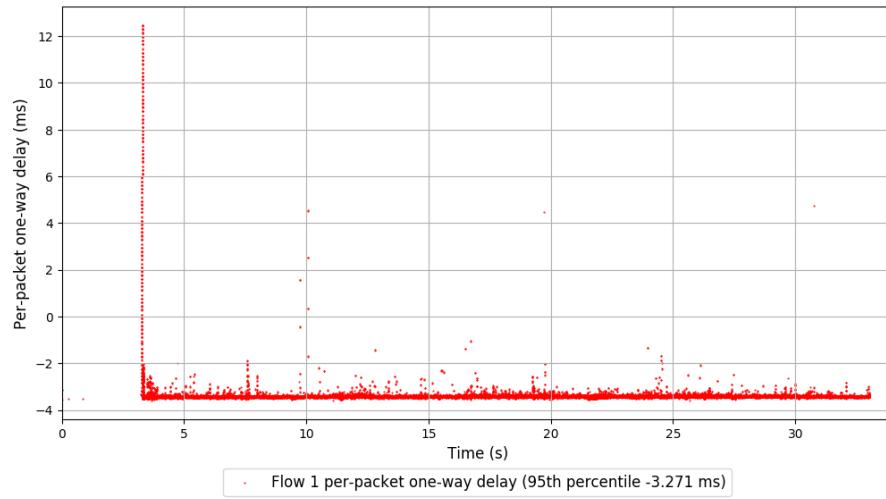
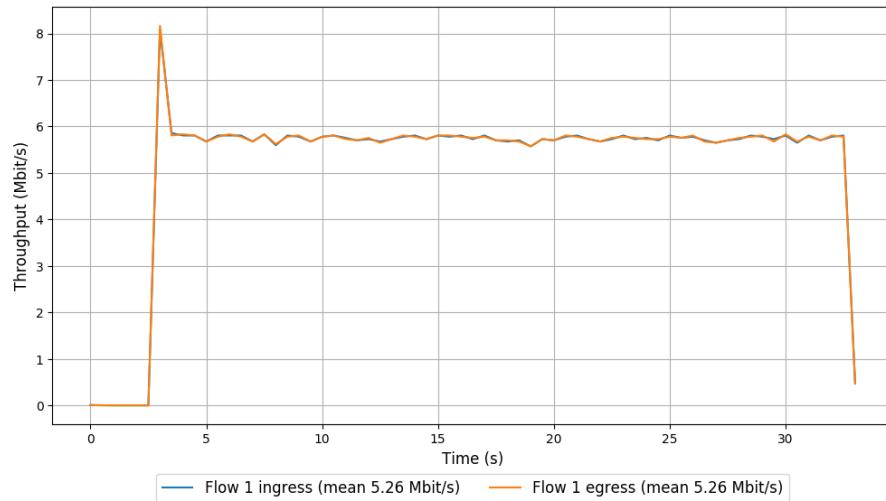


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 22:12:52 +0000
End at: Mon, 19 Jun 2017 22:13:22 +0000
Local clock offset: -6.418 ms
Remote clock offset: -0.231 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:41:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: -3.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: -3.271 ms
Loss rate: 0.00%
```

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

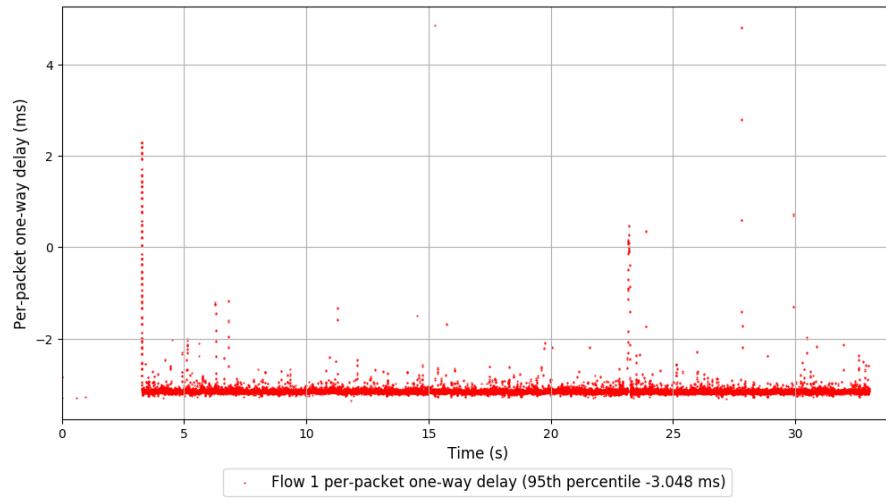
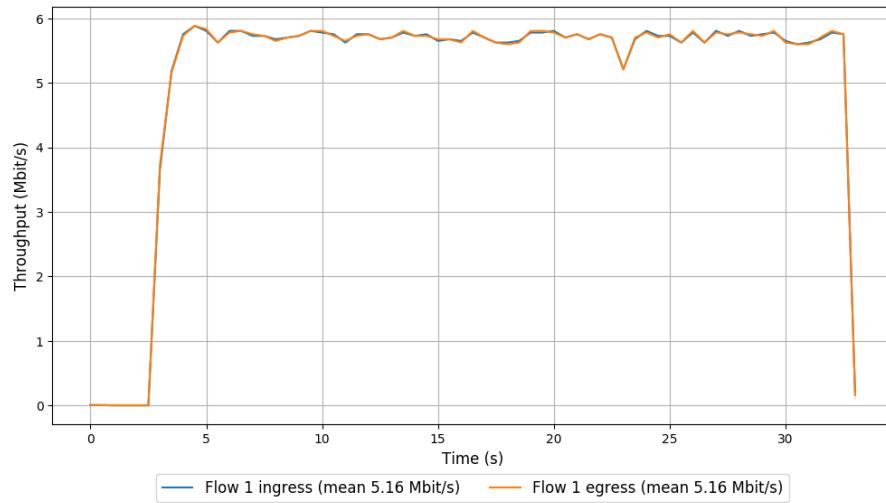


Run 6: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 22:31:03 +0000
End at: Mon, 19 Jun 2017 22:31:33 +0000
Local clock offset: -5.346 ms
Remote clock offset: -0.021 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:41:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: -3.048 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: -3.048 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 22:49:36 +0000

End at: Mon, 19 Jun 2017 22:50:06 +0000

Local clock offset: -5.482 ms

Remote clock offset: 0.157 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:41:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: -3.174 ms

Loss rate: 0.00%

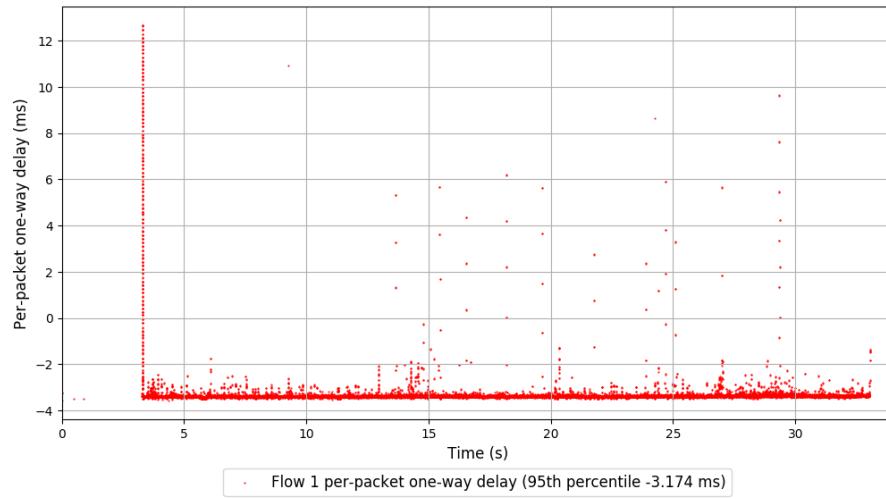
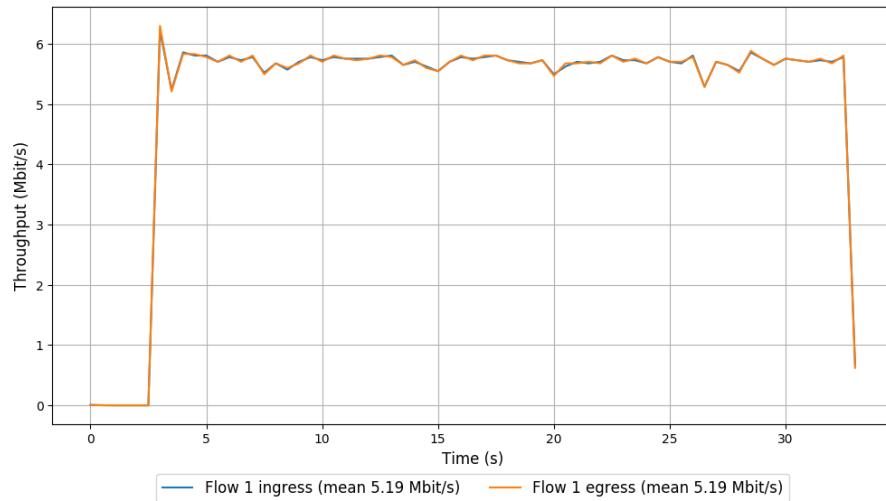
-- Flow 1:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: -3.174 ms

Loss rate: 0.00%

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

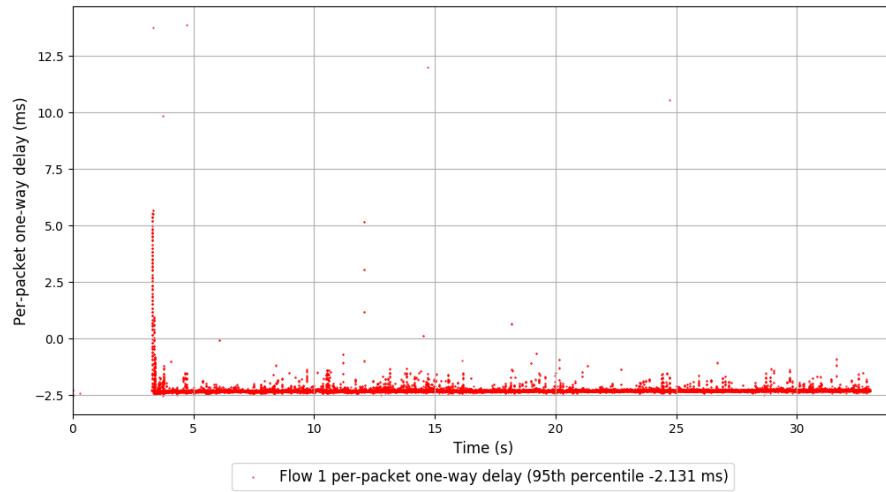
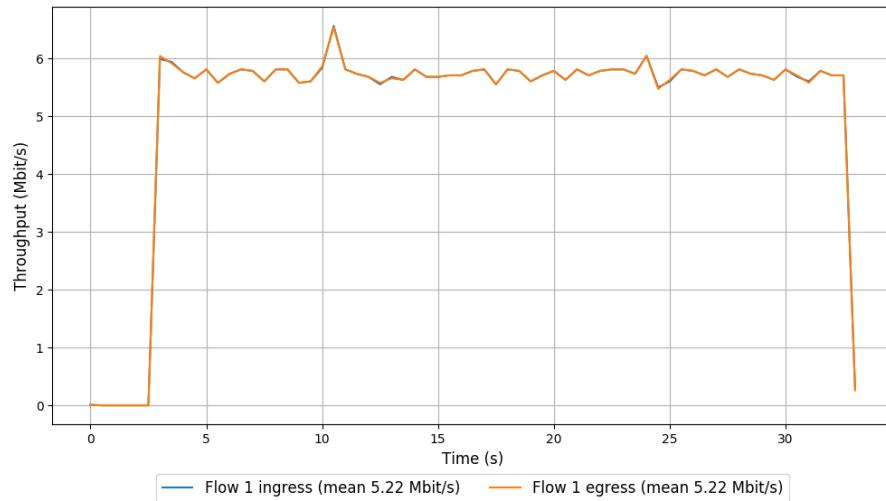


Run 8: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 23:07:50 +0000
End at: Mon, 19 Jun 2017 23:08:20 +0000
Local clock offset: -4.377 ms
Remote clock offset: 0.198 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:41:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: -2.131 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: -2.131 ms
Loss rate: 0.00%
```

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

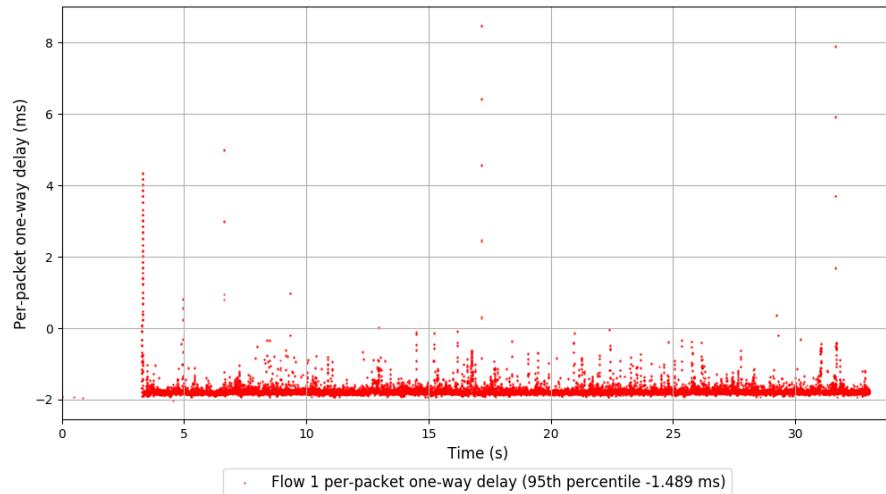
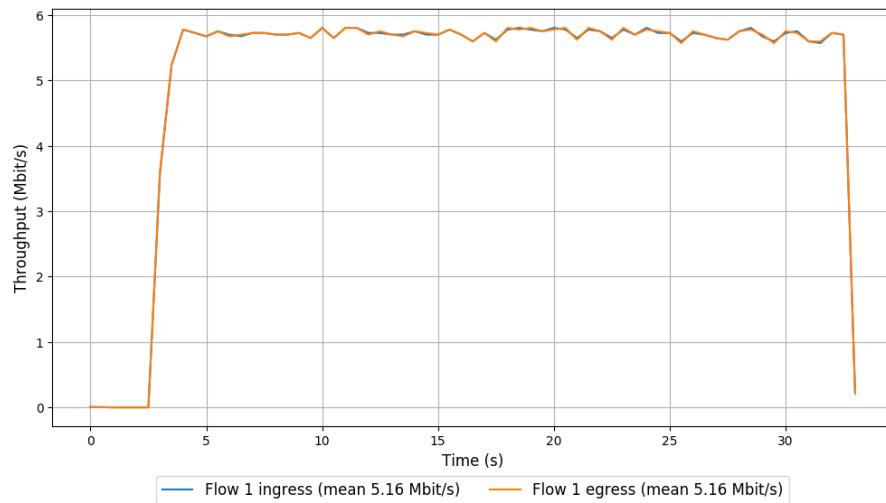


Run 9: Statistics of TaoVA-100x

```
Start at: Mon, 19 Jun 2017 23:25:56 +0000
End at: Mon, 19 Jun 2017 23:26:26 +0000
Local clock offset: -3.368 ms
Remote clock offset: 0.69 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:41:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: -1.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: -1.489 ms
Loss rate: 0.00%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Mon, 19 Jun 2017 23:44:18 +0000

End at: Mon, 19 Jun 2017 23:44:48 +0000

Local clock offset: -2.368 ms

Remote clock offset: 1.083 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:41:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: -1.094 ms

Loss rate: 0.00%

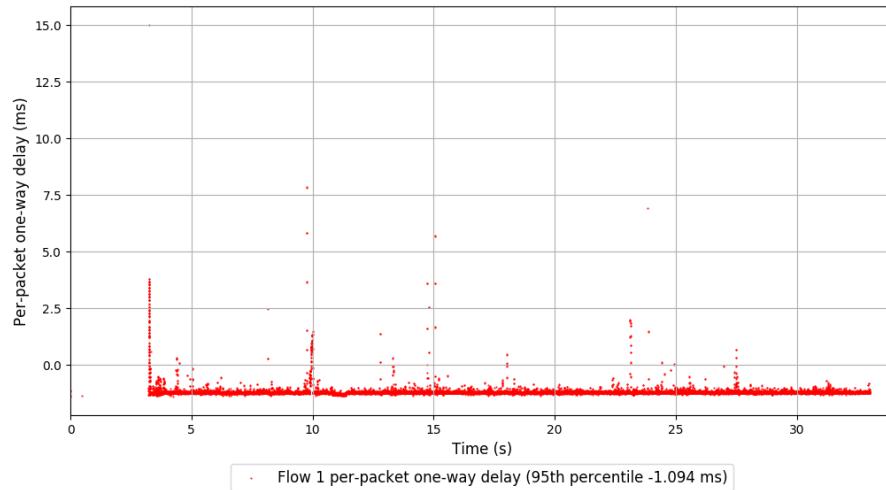
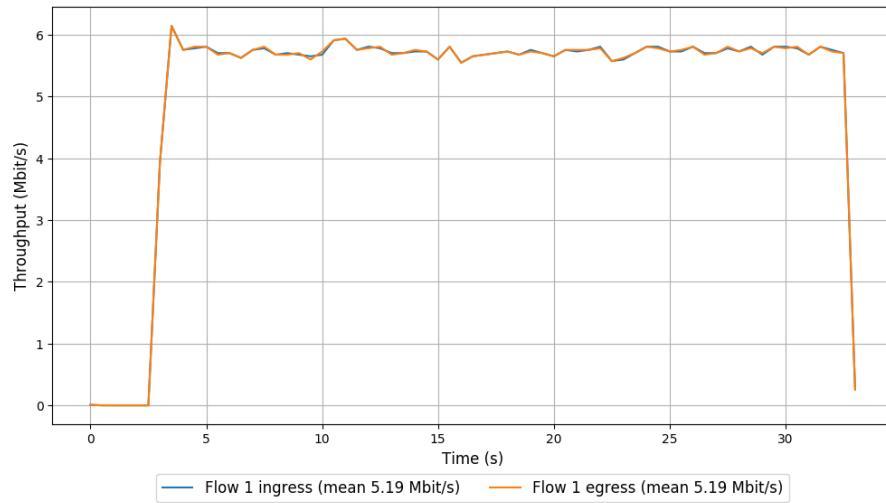
-- Flow 1:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: -1.094 ms

Loss rate: 0.00%

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

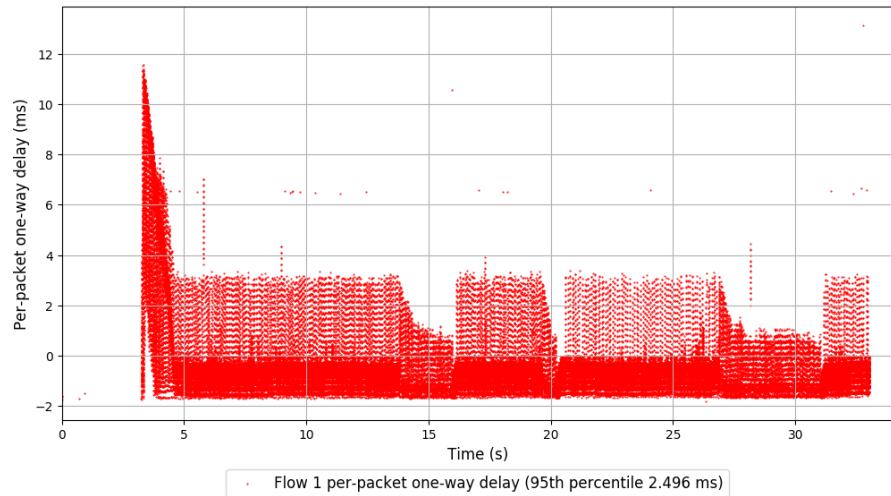
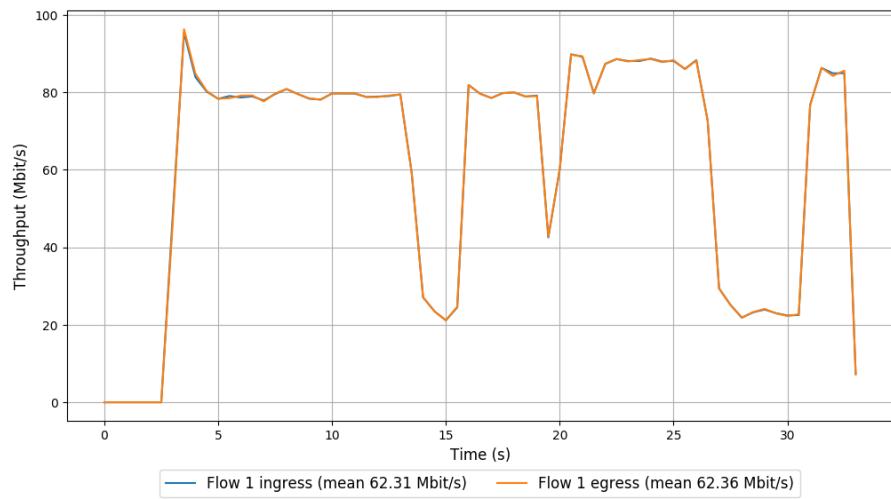


Run 1: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 20:50:29 +0000
End at: Mon, 19 Jun 2017 20:50:59 +0000
Local clock offset: -5.13 ms
Remote clock offset: -1.366 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:42:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.36 Mbit/s
95th percentile per-packet one-way delay: 2.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.36 Mbit/s
95th percentile per-packet one-way delay: 2.496 ms
Loss rate: 0.00%
```

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

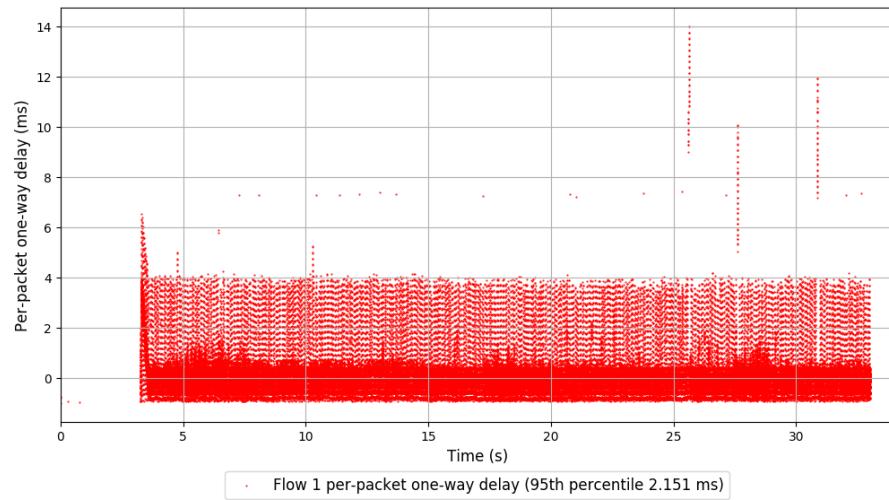
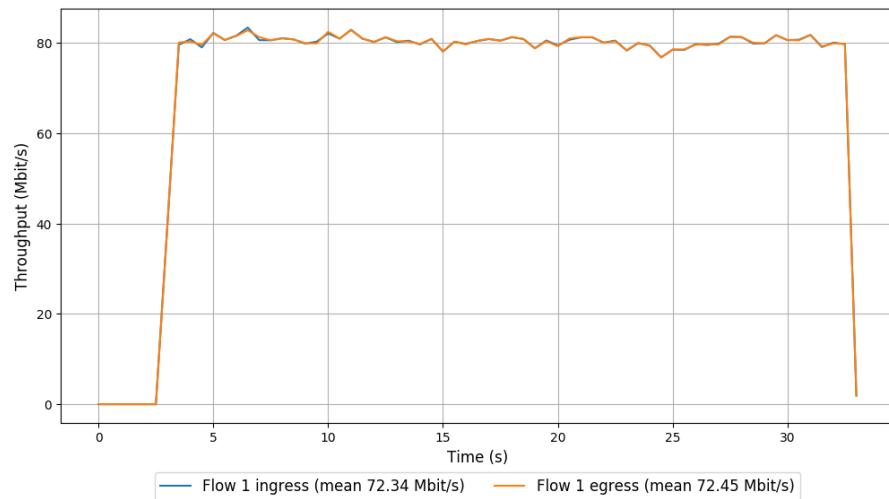


Run 2: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 21:08:59 +0000
End at: Mon, 19 Jun 2017 21:09:29 +0000
Local clock offset: -4.255 ms
Remote clock offset: -1.218 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:42:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.45 Mbit/s
95th percentile per-packet one-way delay: 2.151 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.45 Mbit/s
95th percentile per-packet one-way delay: 2.151 ms
Loss rate: 0.00%
```

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

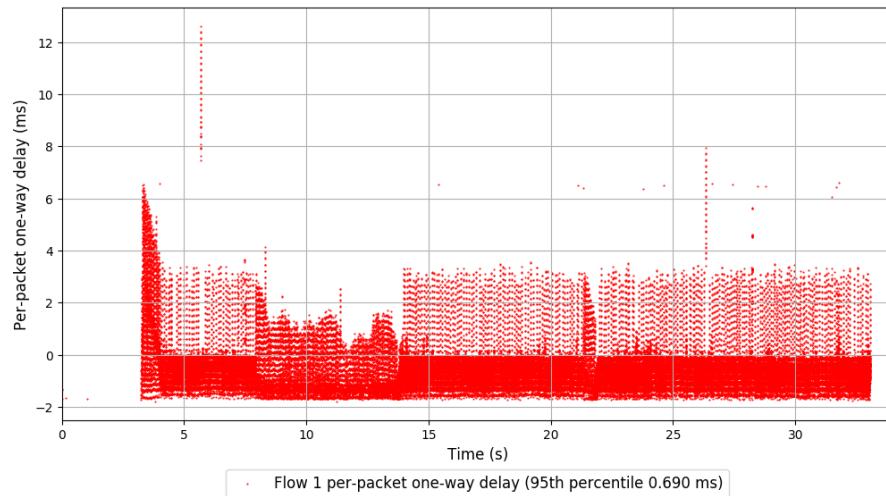
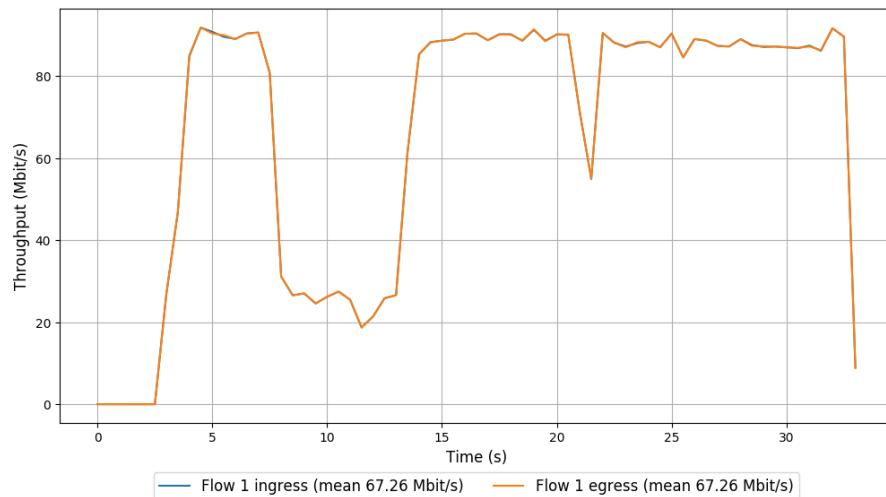


Run 3: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 21:27:31 +0000
End at: Mon, 19 Jun 2017 21:28:01 +0000
Local clock offset: -4.735 ms
Remote clock offset: -1.058 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:42:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.26 Mbit/s
95th percentile per-packet one-way delay: 0.690 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.26 Mbit/s
95th percentile per-packet one-way delay: 0.690 ms
Loss rate: 0.00%
```

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

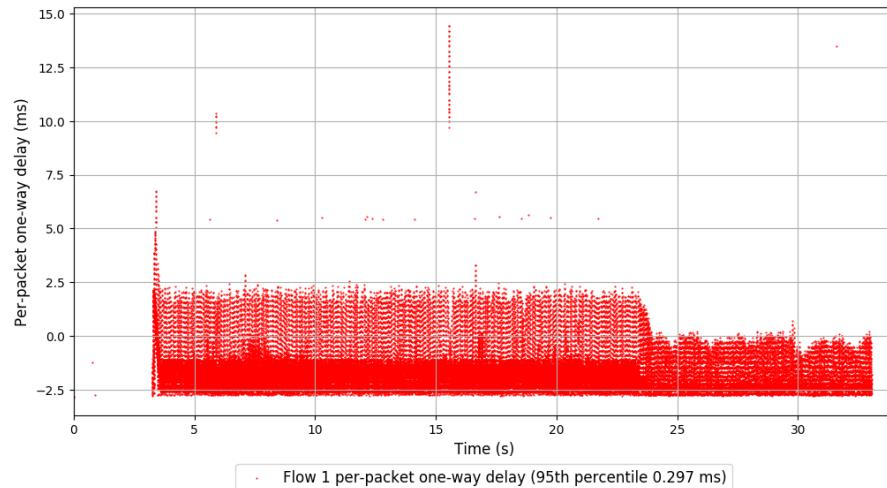
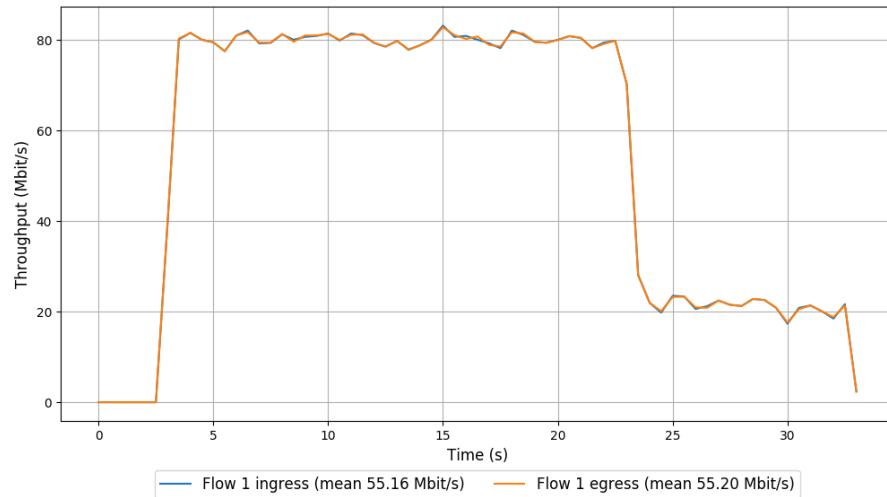


Run 4: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 21:45:57 +0000
End at: Mon, 19 Jun 2017 21:46:27 +0000
Local clock offset: -5.648 ms
Remote clock offset: -0.773 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:42:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.20 Mbit/s
95th percentile per-packet one-way delay: 0.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.20 Mbit/s
95th percentile per-packet one-way delay: 0.297 ms
Loss rate: 0.00%
```

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

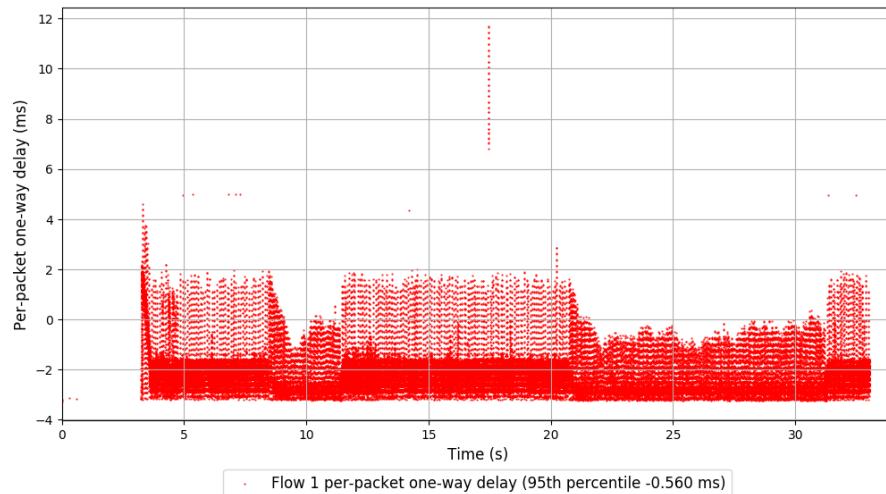
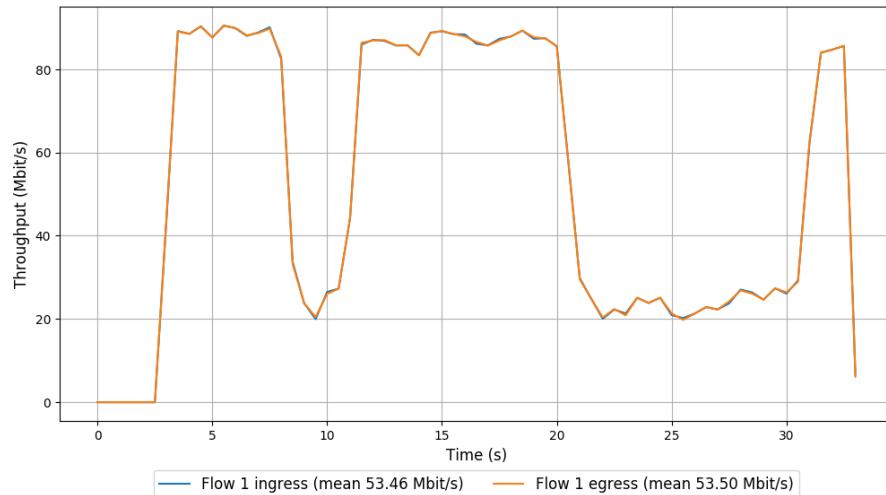


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 22:04:17 +0000
End at: Mon, 19 Jun 2017 22:04:47 +0000
Local clock offset: -5.66 ms
Remote clock offset: -0.423 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:43:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.50 Mbit/s
95th percentile per-packet one-way delay: -0.560 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.50 Mbit/s
95th percentile per-packet one-way delay: -0.560 ms
Loss rate: 0.00%
```

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

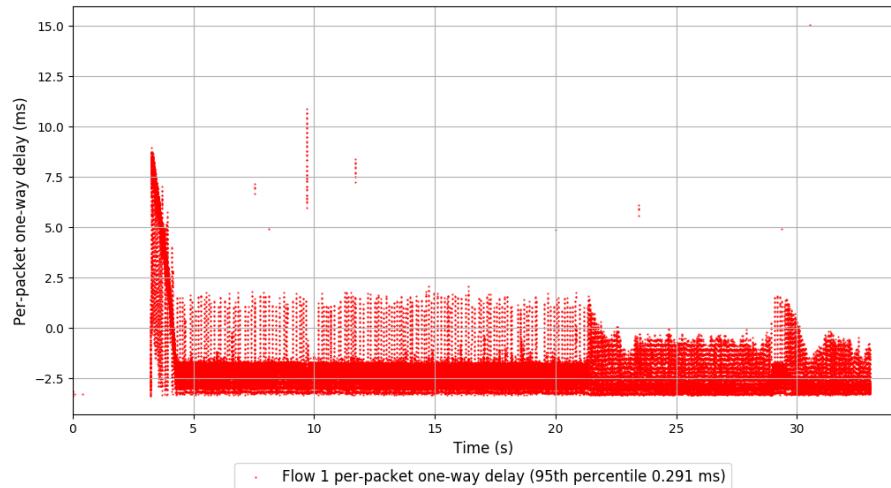
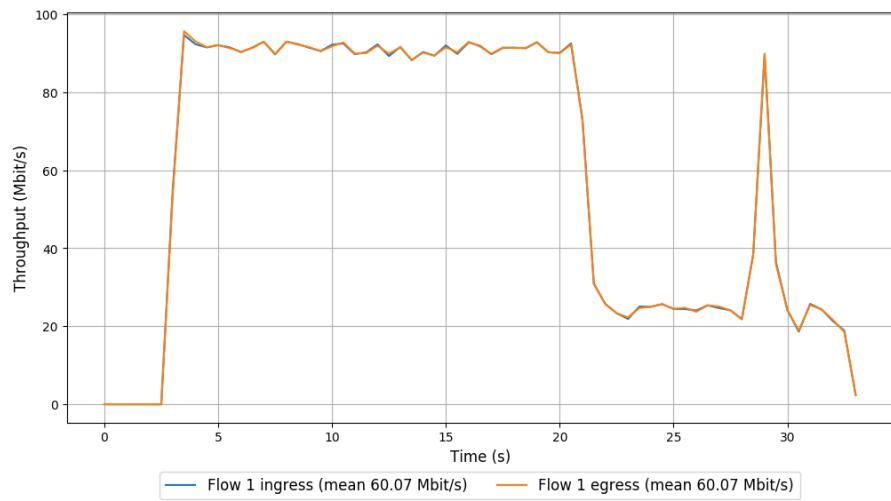


Run 6: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 22:22:27 +0000
End at: Mon, 19 Jun 2017 22:22:57 +0000
Local clock offset: -5.619 ms
Remote clock offset: -0.102 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:43:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.07 Mbit/s
95th percentile per-packet one-way delay: 0.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.07 Mbit/s
95th percentile per-packet one-way delay: 0.291 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TCP Vegas

Start at: Mon, 19 Jun 2017 22:40:45 +0000

End at: Mon, 19 Jun 2017 22:41:15 +0000

Local clock offset: -5.509 ms

Remote clock offset: 0.052 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:44:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.81 Mbit/s

95th percentile per-packet one-way delay: -0.161 ms

Loss rate: 0.00%

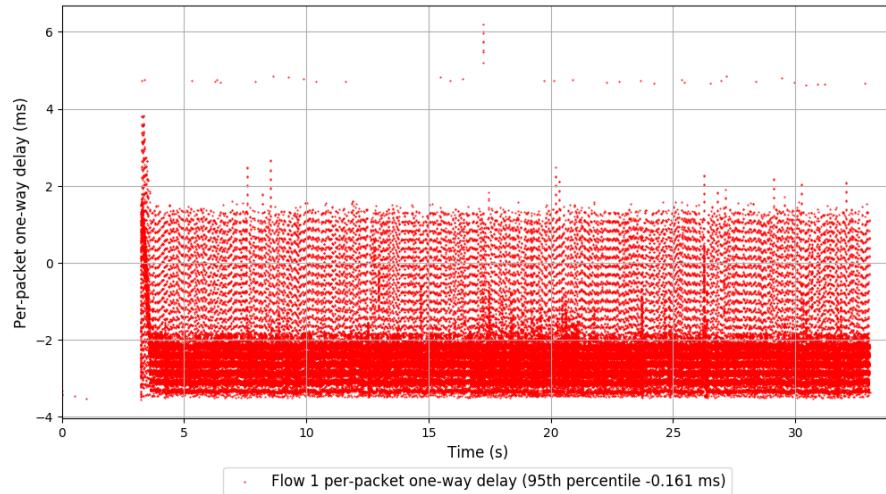
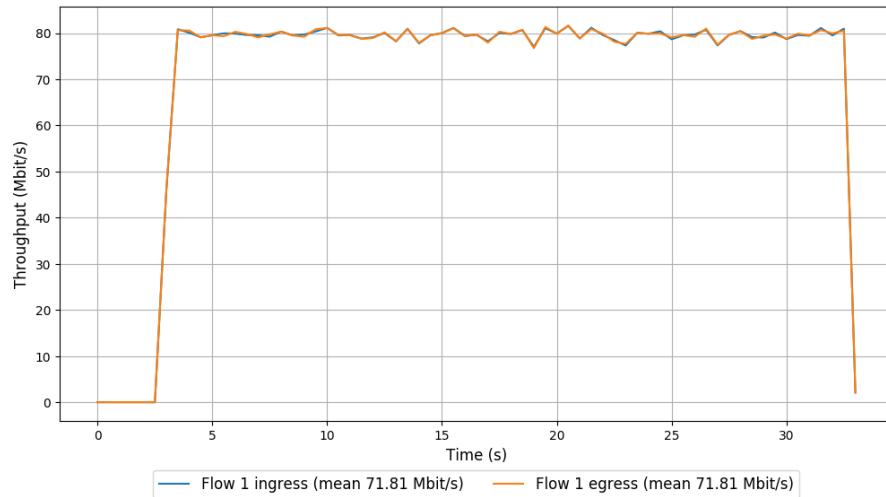
-- Flow 1:

Average throughput: 71.81 Mbit/s

95th percentile per-packet one-way delay: -0.161 ms

Loss rate: 0.00%

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

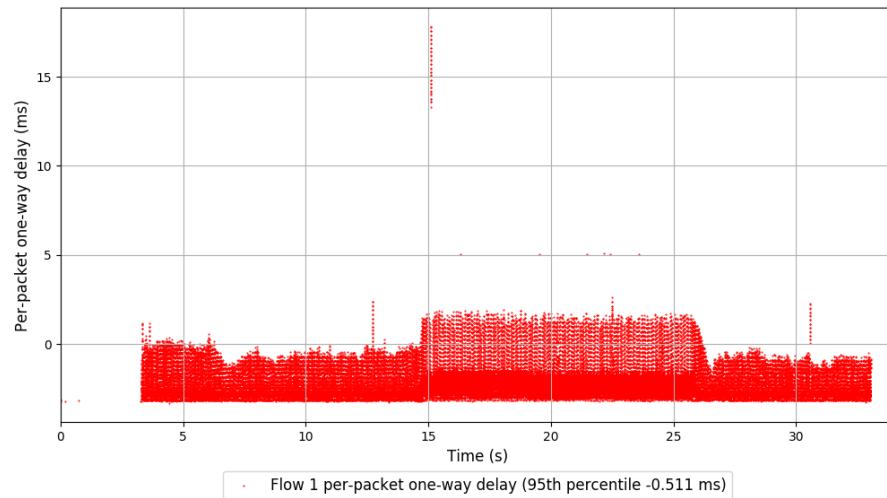
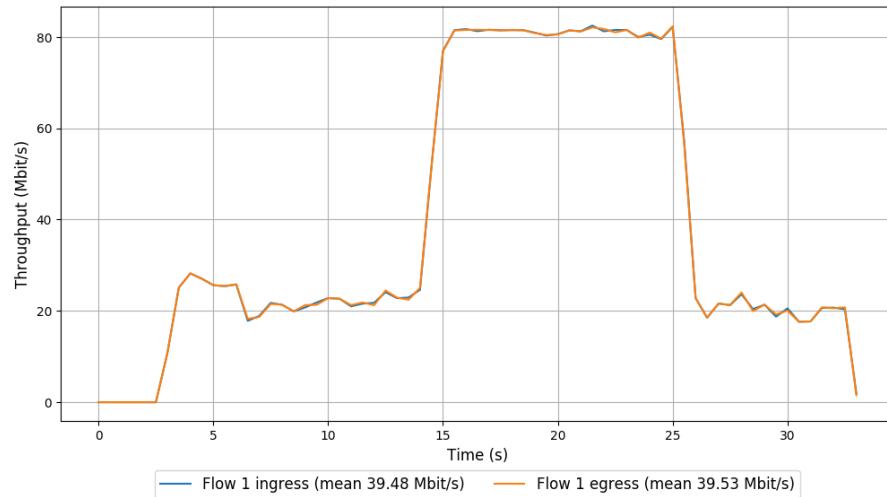


Run 8: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 22:59:21 +0000
End at: Mon, 19 Jun 2017 22:59:51 +0000
Local clock offset: -5.101 ms
Remote clock offset: 0.202 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:44:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: -0.511 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: -0.511 ms
Loss rate: 0.00%
```

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

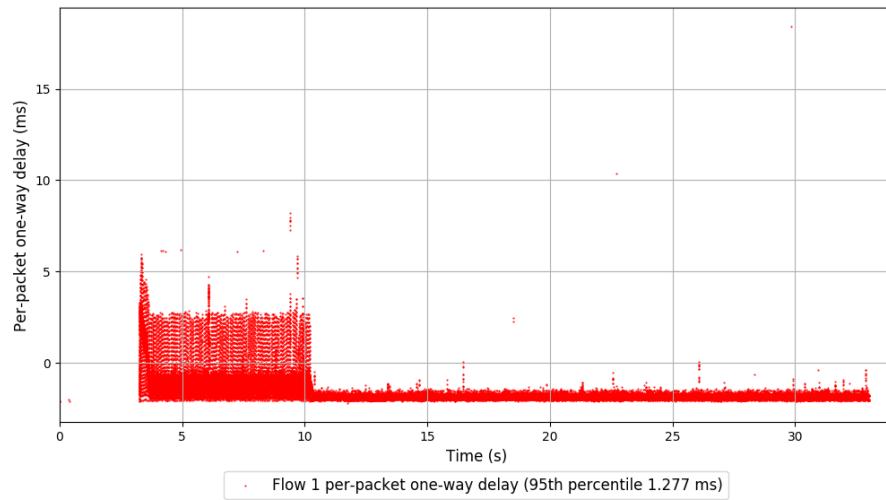
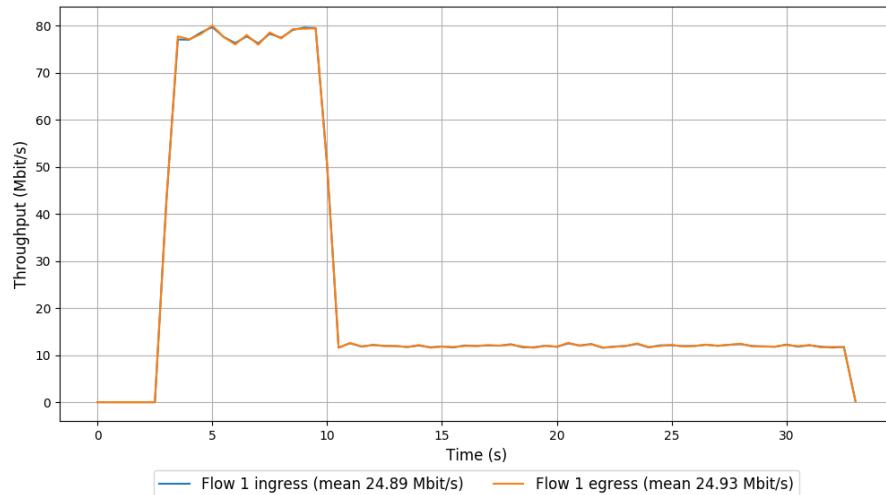


Run 9: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 23:17:28 +0000
End at: Mon, 19 Jun 2017 23:17:58 +0000
Local clock offset: -3.747 ms
Remote clock offset: 0.461 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:44:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.93 Mbit/s
95th percentile per-packet one-way delay: 1.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.93 Mbit/s
95th percentile per-packet one-way delay: 1.277 ms
Loss rate: 0.00%
```

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

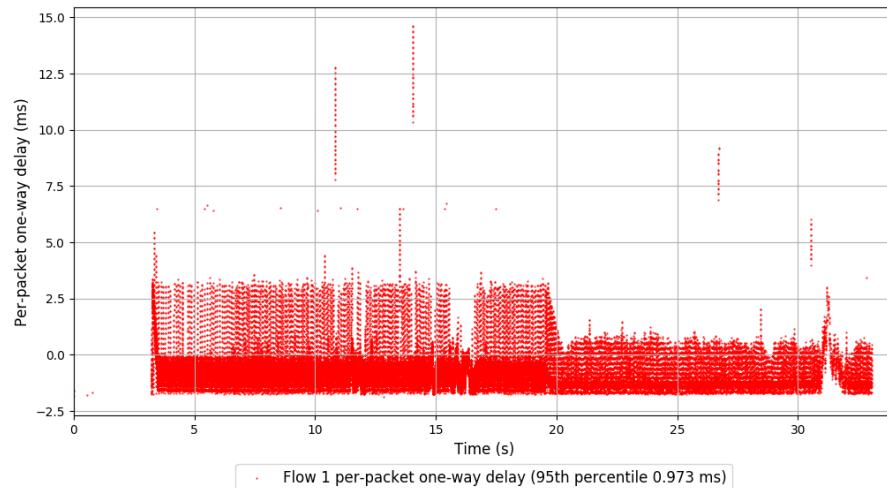
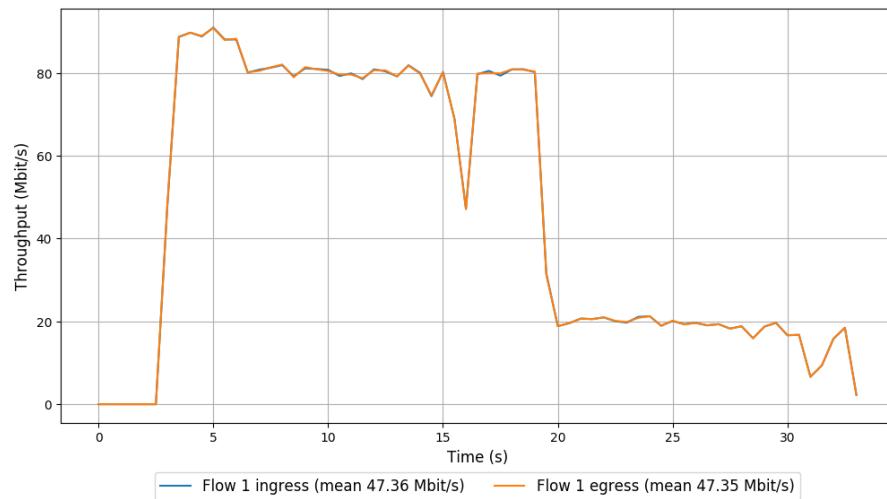


Run 10: Statistics of TCP Vegas

```
Start at: Mon, 19 Jun 2017 23:35:42 +0000
End at: Mon, 19 Jun 2017 23:36:12 +0000
Local clock offset: -3.028 ms
Remote clock offset: 0.78 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:44:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.35 Mbit/s
95th percentile per-packet one-way delay: 0.973 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.35 Mbit/s
95th percentile per-packet one-way delay: 0.973 ms
Loss rate: 0.00%
```

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

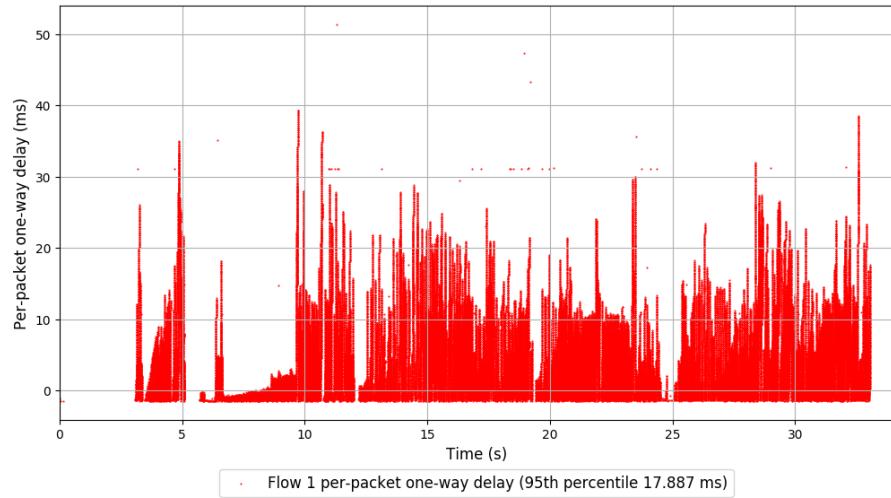
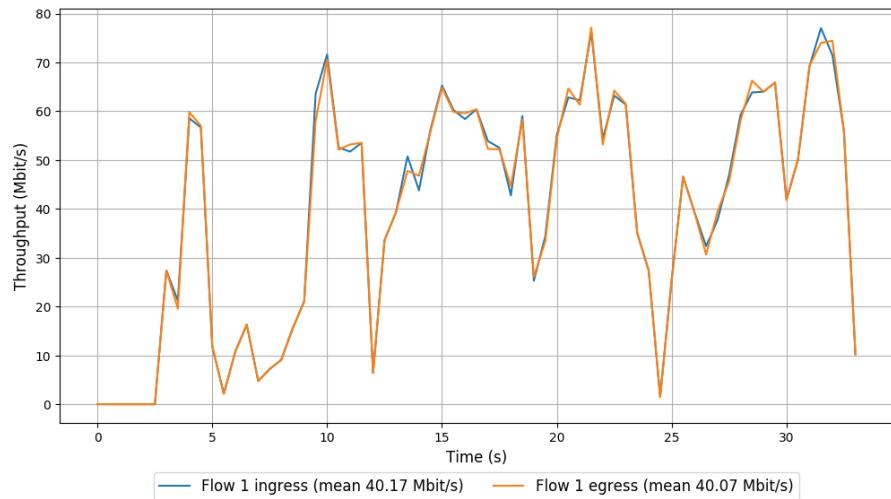


Run 1: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 20:54:38 +0000
End at: Mon, 19 Jun 2017 20:55:08 +0000
Local clock offset: -4.94 ms
Remote clock offset: -1.359 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:44:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 17.887 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 17.887 ms
Loss rate: 0.21%
```

## Run 1: Report of Verus — Data Link

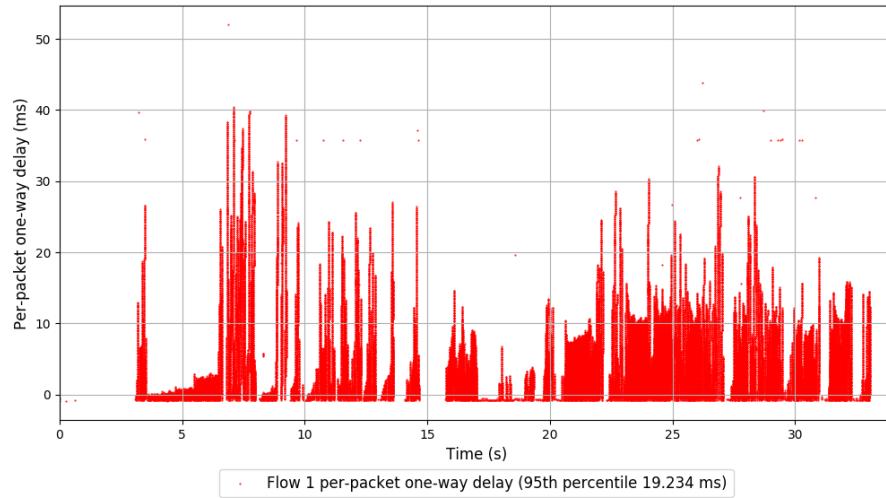
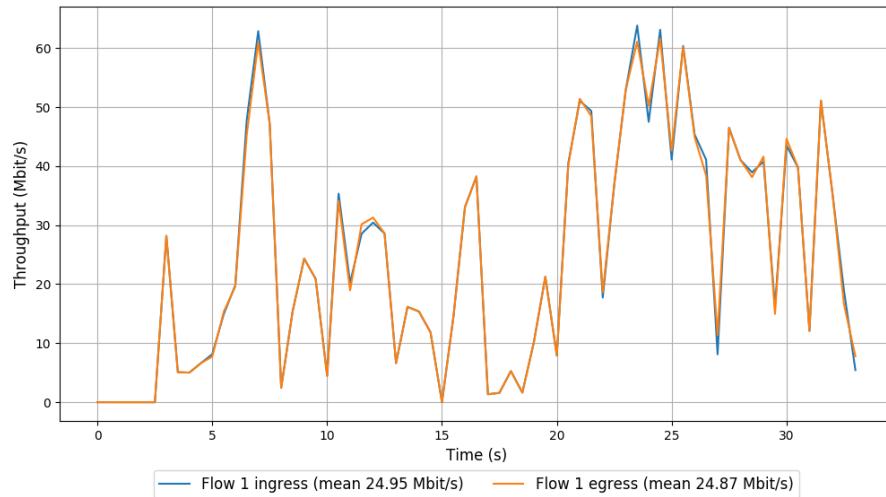


Run 2: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 21:13:15 +0000
End at: Mon, 19 Jun 2017 21:13:45 +0000
Local clock offset: -4.11 ms
Remote clock offset: -1.165 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:44:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 19.234 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 19.234 ms
Loss rate: 0.28%
```

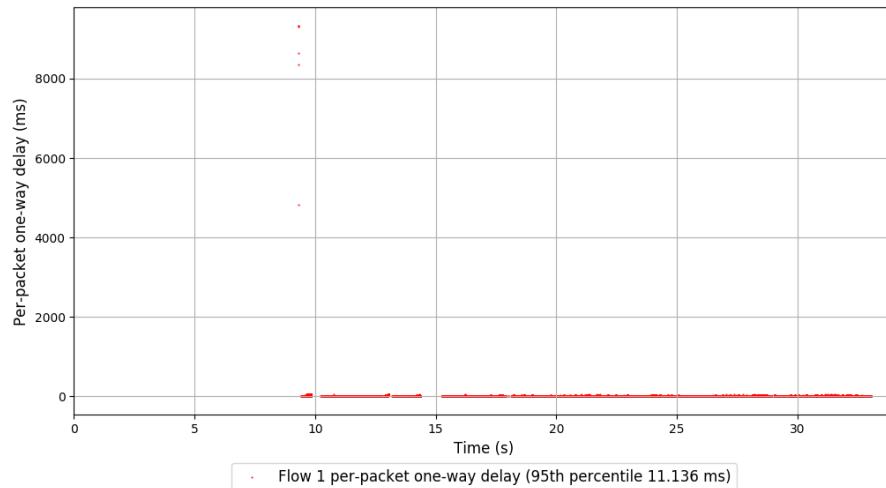
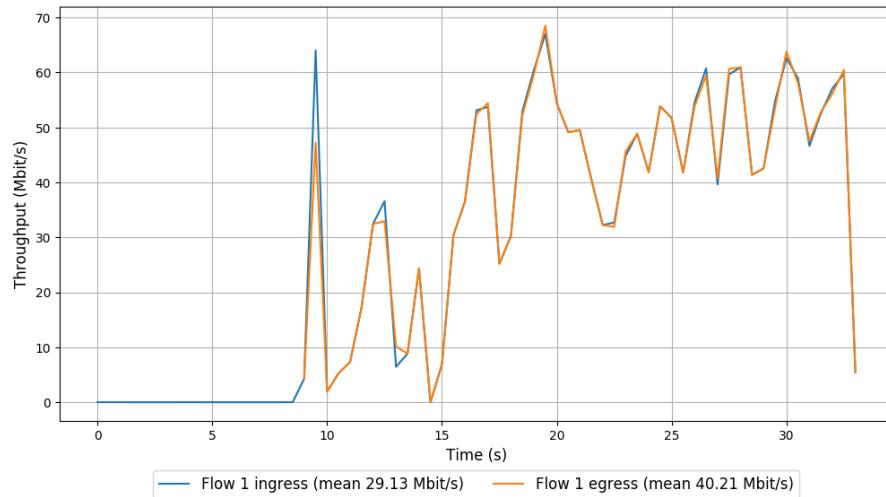
## Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Mon, 19 Jun 2017 21:31:45 +0000  
End at: Mon, 19 Jun 2017 21:32:15 +0000  
Local clock offset: -5.117 ms  
Remote clock offset: -1.046 ms

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

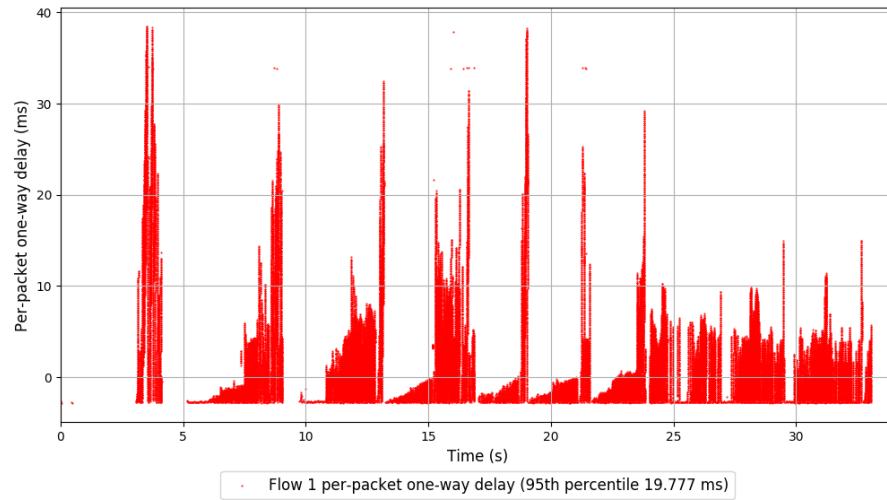
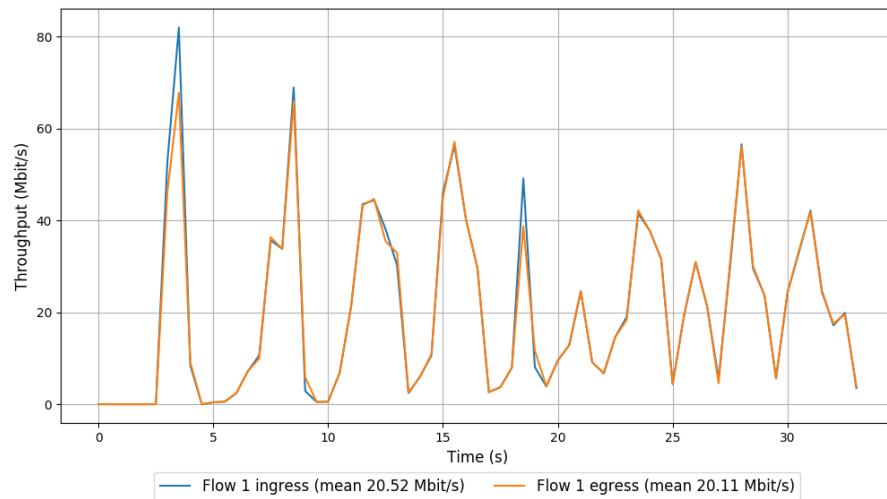


Run 4: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 21:49:55 +0000
End at: Mon, 19 Jun 2017 21:50:25 +0000
Local clock offset: -5.525 ms
Remote clock offset: -0.645 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.11 Mbit/s
95th percentile per-packet one-way delay: 19.777 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 20.11 Mbit/s
95th percentile per-packet one-way delay: 19.777 ms
Loss rate: 1.98%
```

## Run 4: Report of Verus — Data Link

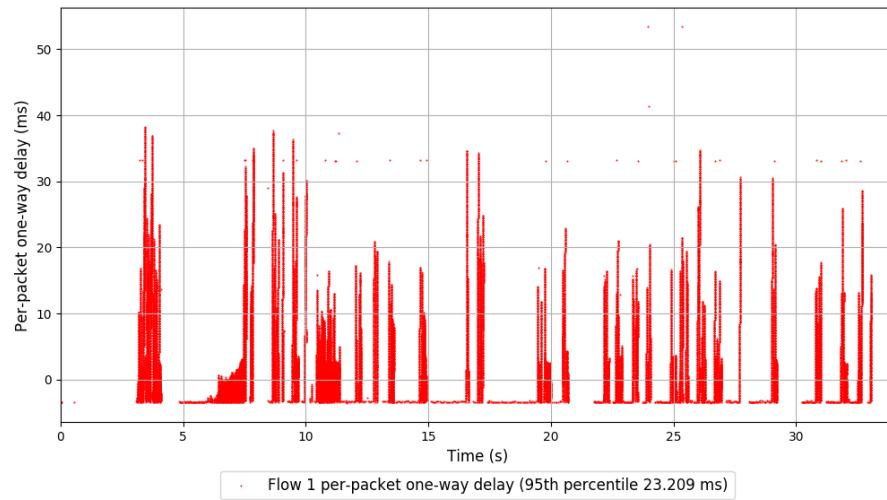
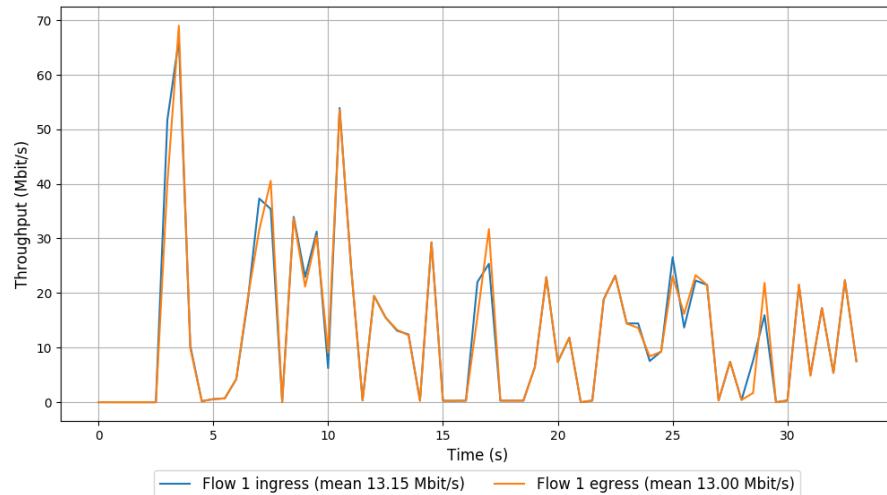


Run 5: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:08:29 +0000
End at: Mon, 19 Jun 2017 22:08:59 +0000
Local clock offset: -5.826 ms
Remote clock offset: -0.387 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.00 Mbit/s
95th percentile per-packet one-way delay: 23.209 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 13.00 Mbit/s
95th percentile per-packet one-way delay: 23.209 ms
Loss rate: 1.12%
```

## Run 5: Report of Verus — Data Link

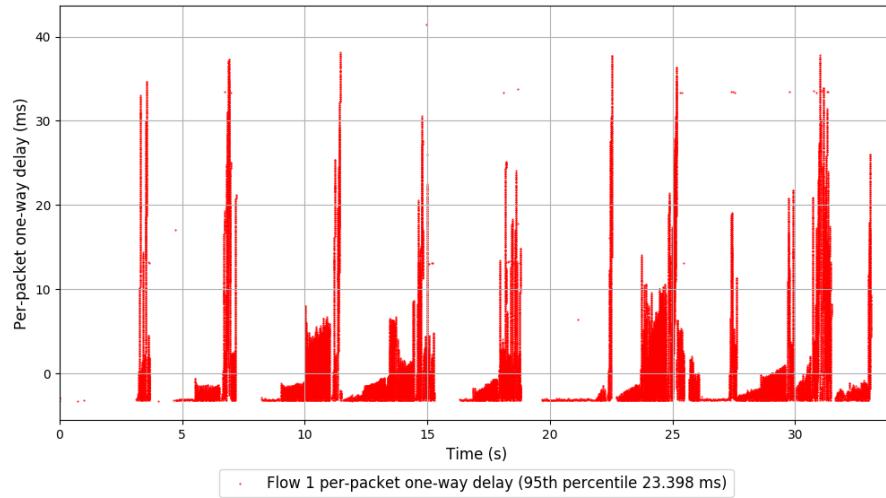
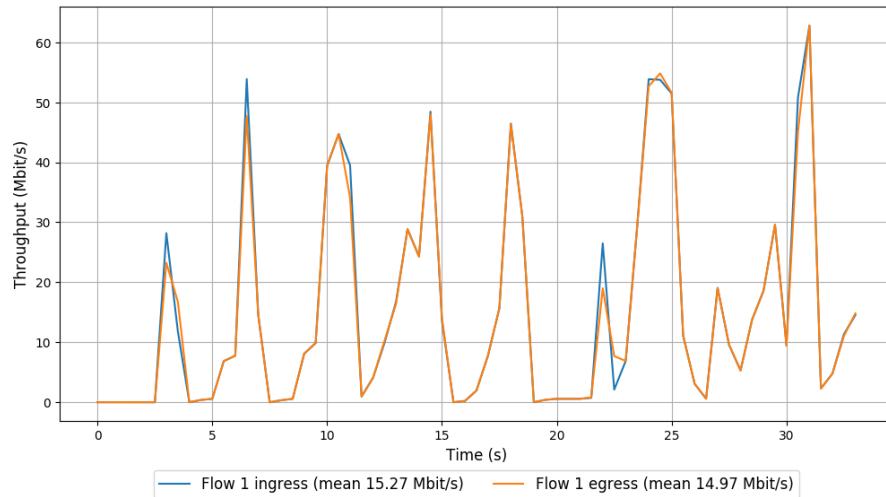


Run 6: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:26:38 +0000
End at: Mon, 19 Jun 2017 22:27:08 +0000
Local clock offset: -5.414 ms
Remote clock offset: -0.091 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 23.398 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 23.398 ms
Loss rate: 1.89%
```

## Run 6: Report of Verus — Data Link

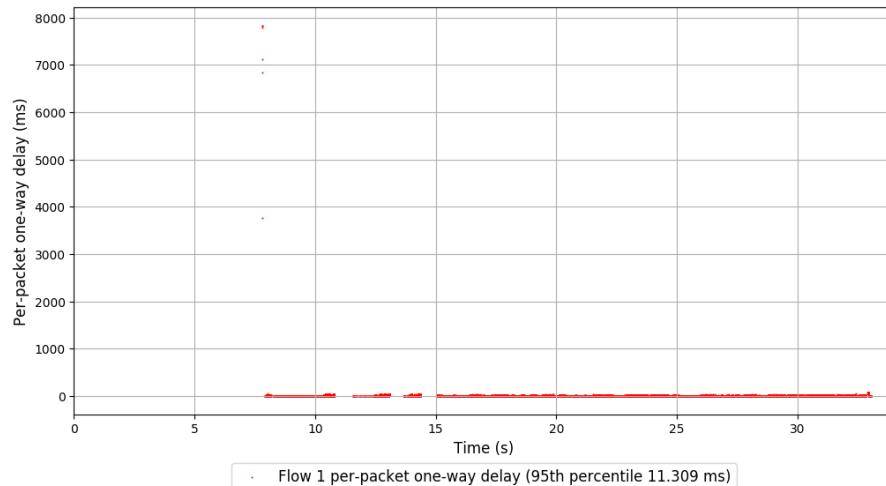
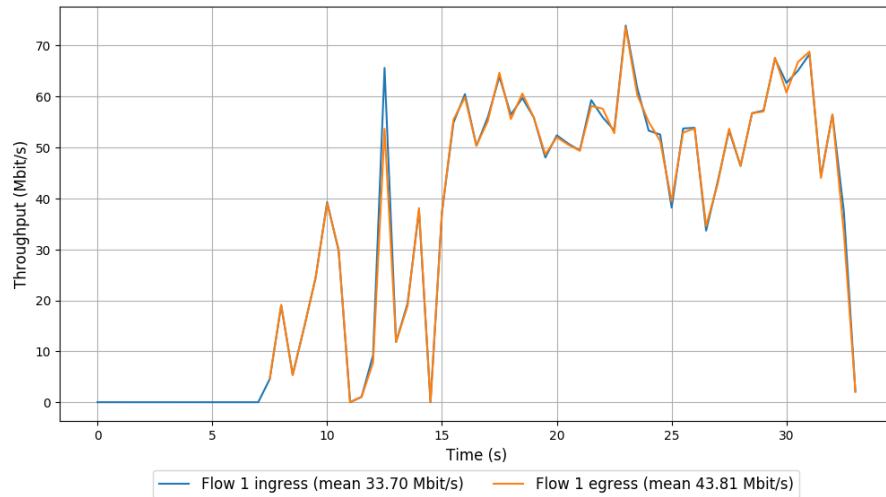


Run 7: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 22:45:04 +0000
End at: Mon, 19 Jun 2017 22:45:34 +0000
Local clock offset: -5.597 ms
Remote clock offset: 0.109 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 11.309 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 11.309 ms
Loss rate: 0.79%
```

## Run 7: Report of Verus — Data Link

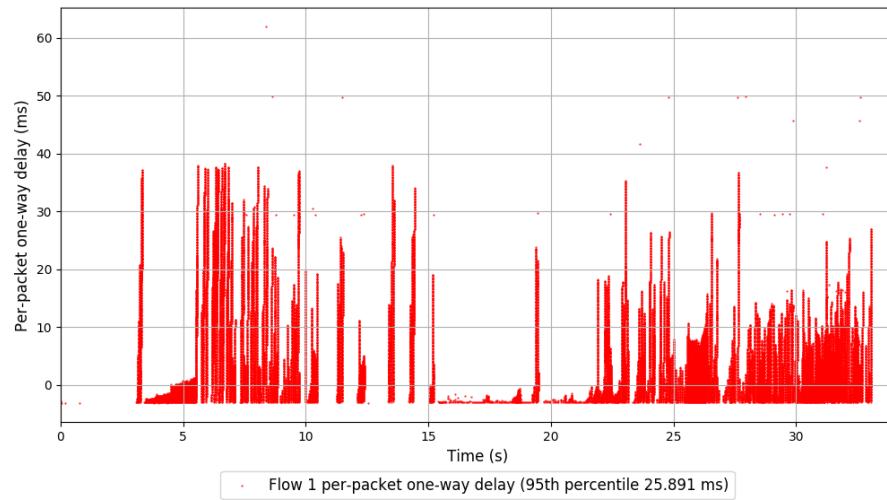
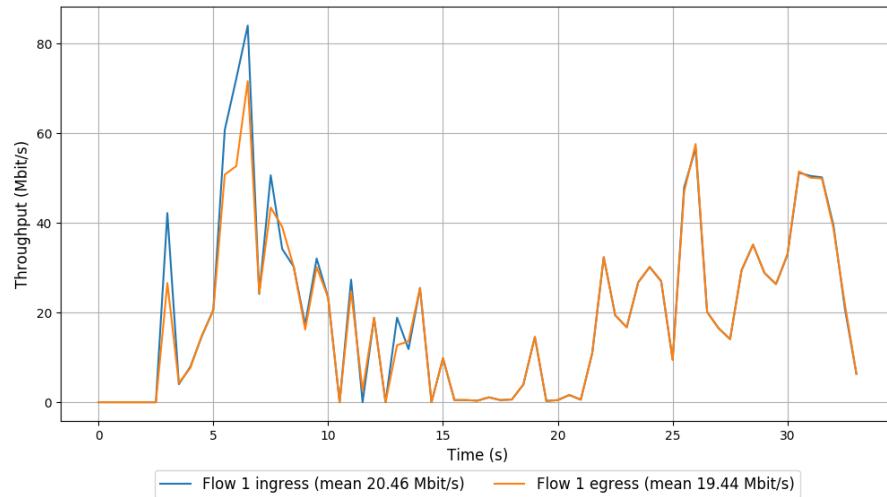


Run 8: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:03:25 +0000
End at: Mon, 19 Jun 2017 23:03:55 +0000
Local clock offset: -4.96 ms
Remote clock offset: 0.143 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.44 Mbit/s
95th percentile per-packet one-way delay: 25.891 ms
Loss rate: 4.94%
-- Flow 1:
Average throughput: 19.44 Mbit/s
95th percentile per-packet one-way delay: 25.891 ms
Loss rate: 4.94%
```

## Run 8: Report of Verus — Data Link

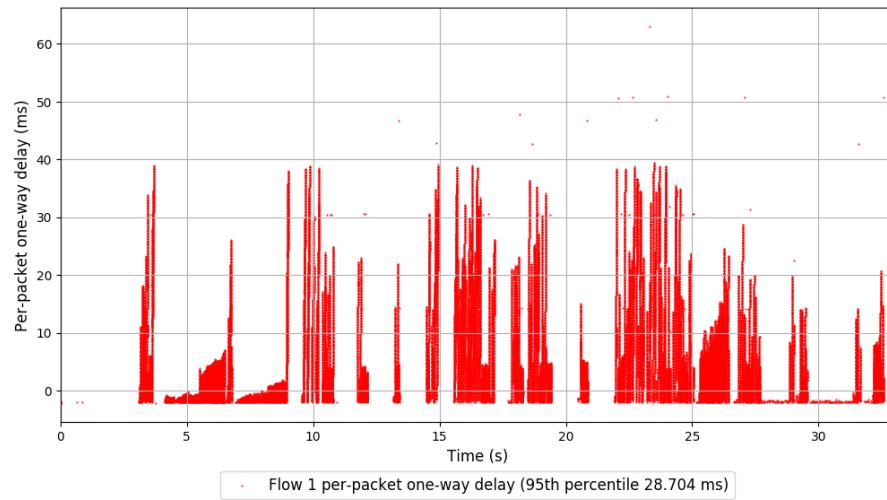
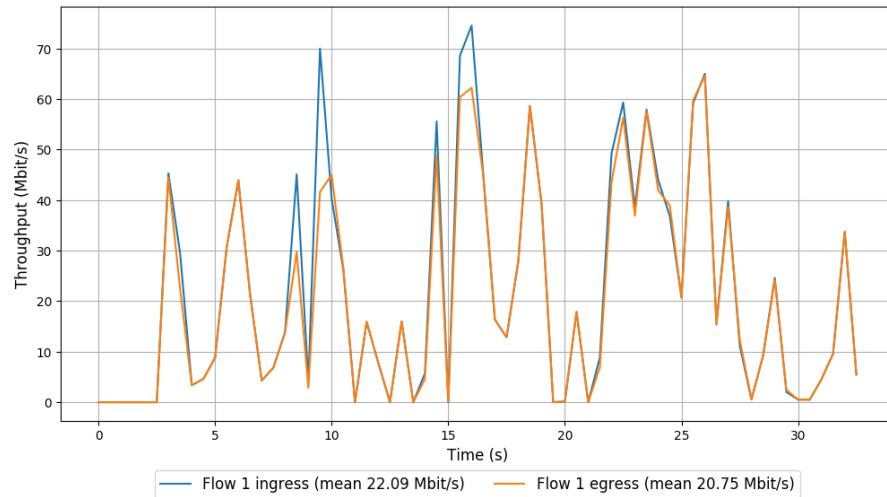


Run 9: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:21:31 +0000
End at: Mon, 19 Jun 2017 23:22:01 +0000
Local clock offset: -3.59 ms
Remote clock offset: 0.555 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 28.704 ms
Loss rate: 6.10%
-- Flow 1:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 28.704 ms
Loss rate: 6.10%
```

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

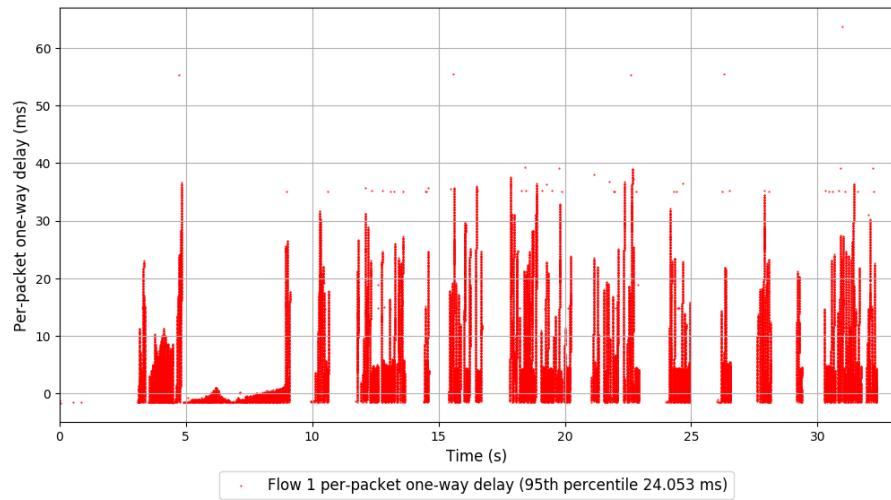
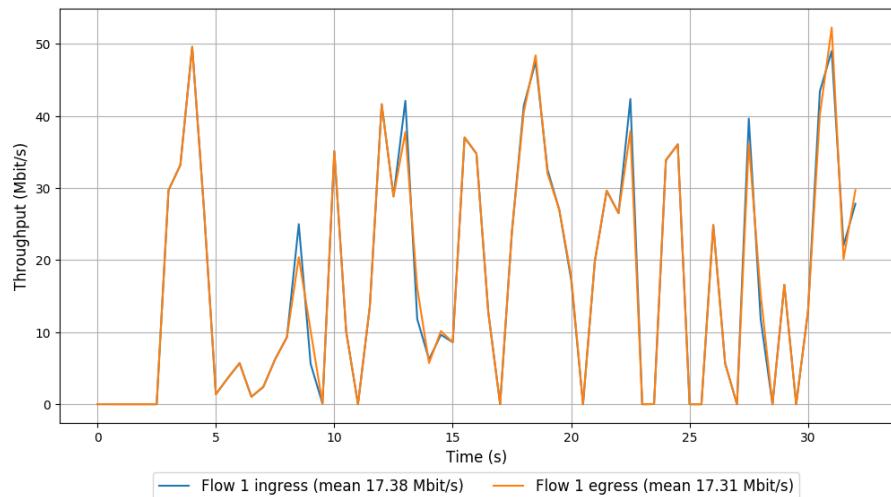


Run 10: Statistics of Verus

```
Start at: Mon, 19 Jun 2017 23:39:53 +0000
End at: Mon, 19 Jun 2017 23:40:23 +0000
Local clock offset: -2.798 ms
Remote clock offset: 0.951 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 24.053 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 24.053 ms
Loss rate: 0.40%
```

## Run 10: Report of Verus — Data Link

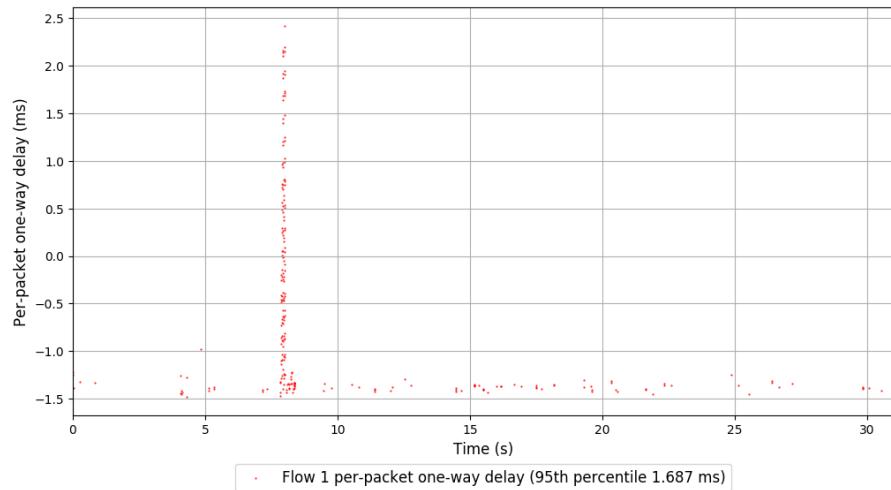
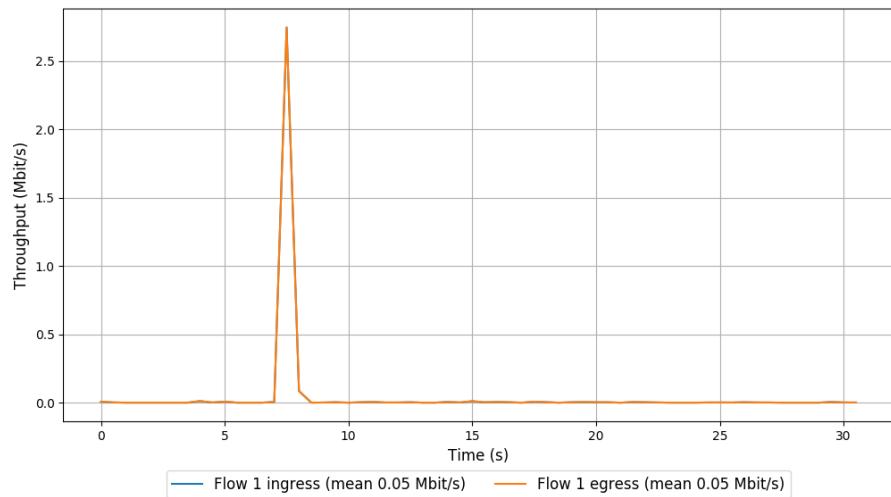


```
Run 1: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 20:57:00 +0000
End at: Mon, 19 Jun 2017 20:57:30 +0000
Local clock offset: -4.774 ms
Remote clock offset: -1.432 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.687 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.687 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

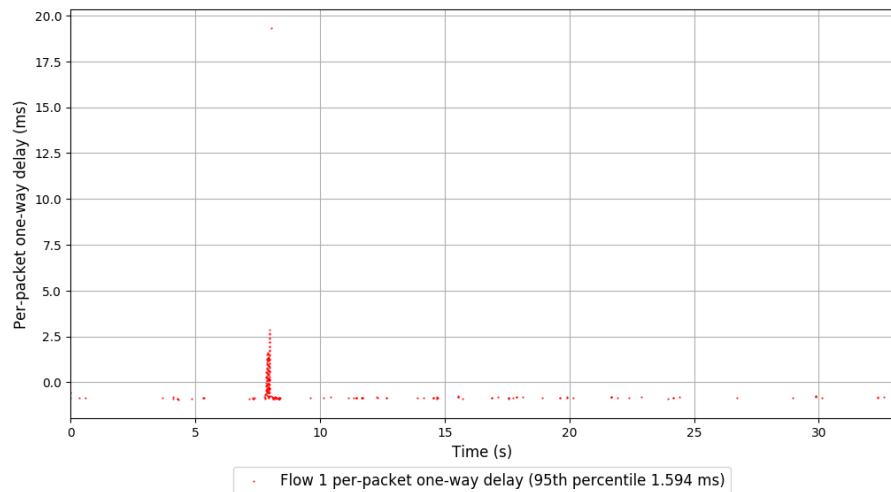
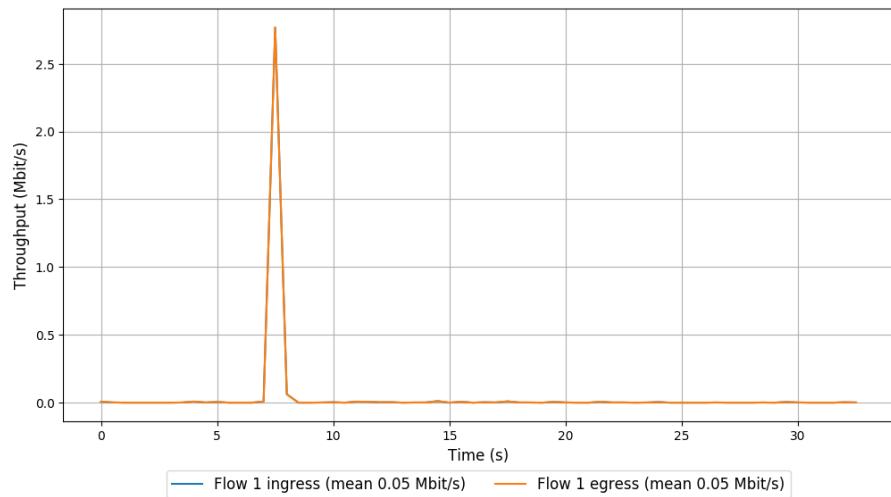


Run 2: Statistics of WebRTC media

```
Start at: Mon, 19 Jun 2017 21:15:34 +0000
End at: Mon, 19 Jun 2017 21:16:04 +0000
Local clock offset: -4.11 ms
Remote clock offset: -1.151 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.594 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.594 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

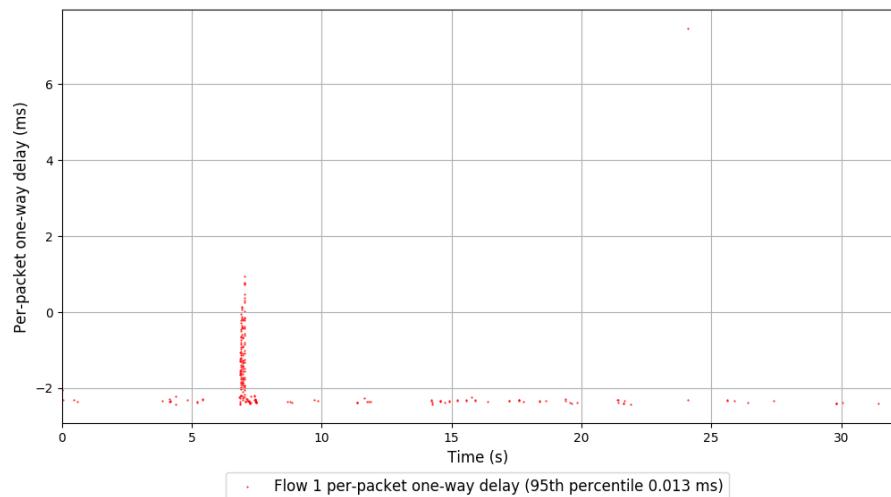
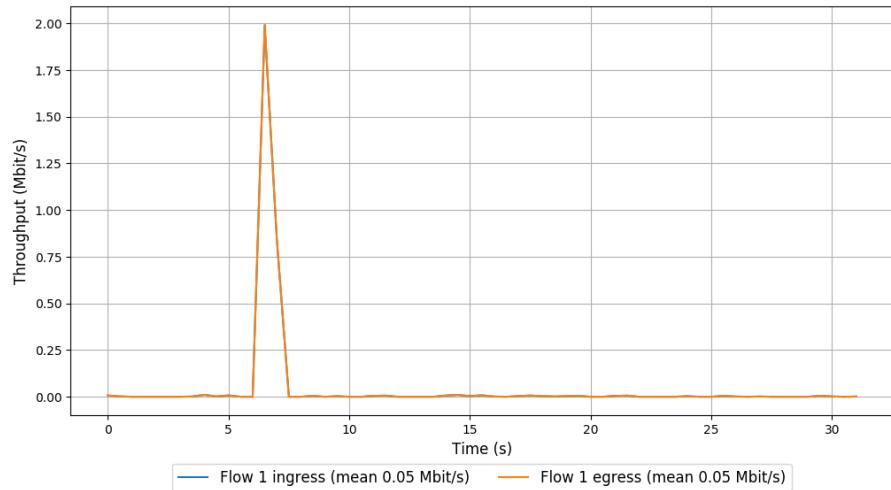


```
Run 3: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 21:34:05 +0000
End at: Mon, 19 Jun 2017 21:34:35 +0000
Local clock offset: -5.36 ms
Remote clock offset: -0.948 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.013 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.013 ms
Loss rate: 0.00%
```

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

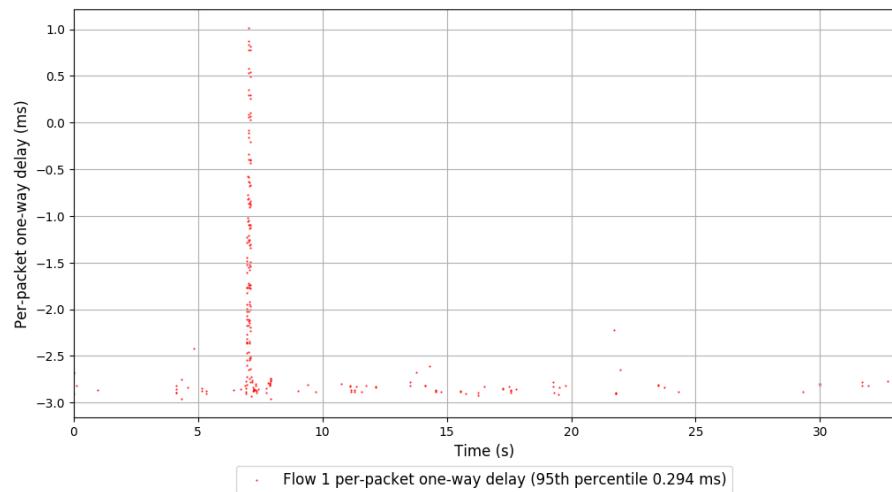
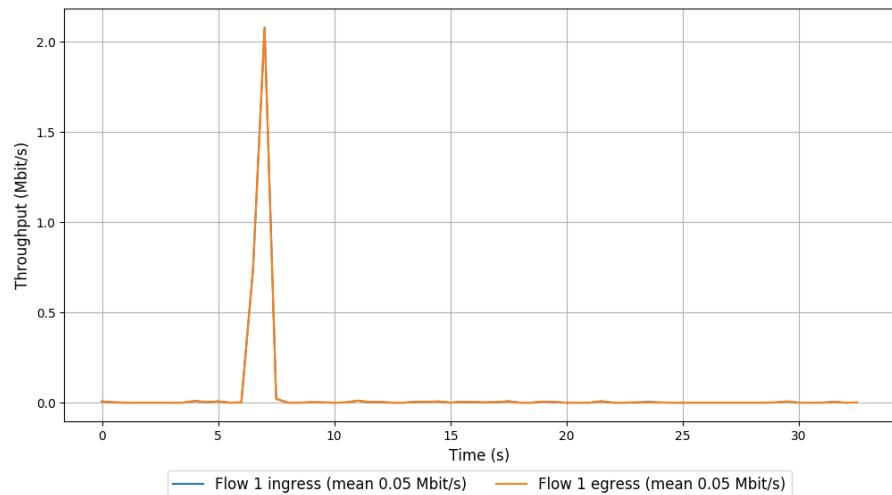


```
Run 4: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 21:52:11 +0000
End at: Mon, 19 Jun 2017 21:52:41 +0000
Local clock offset: -5.53 ms
Remote clock offset: -0.637 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:45:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 0.294 ms
Loss rate: 0.00%
```

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

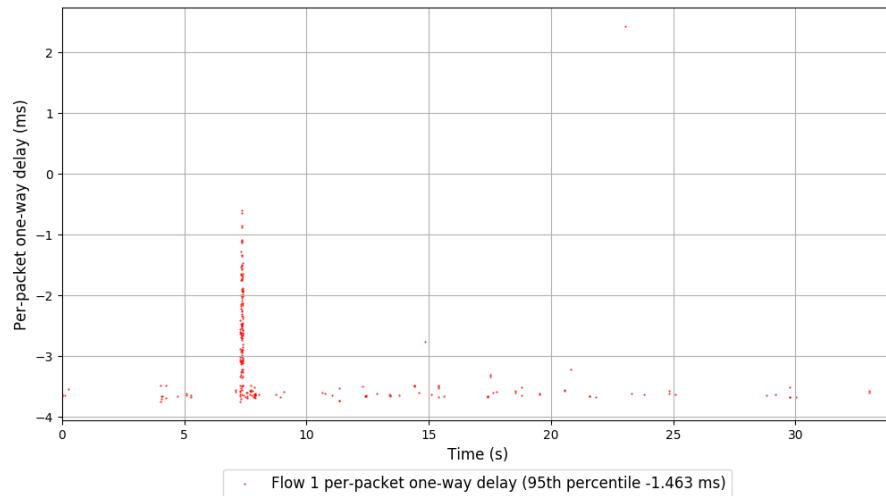
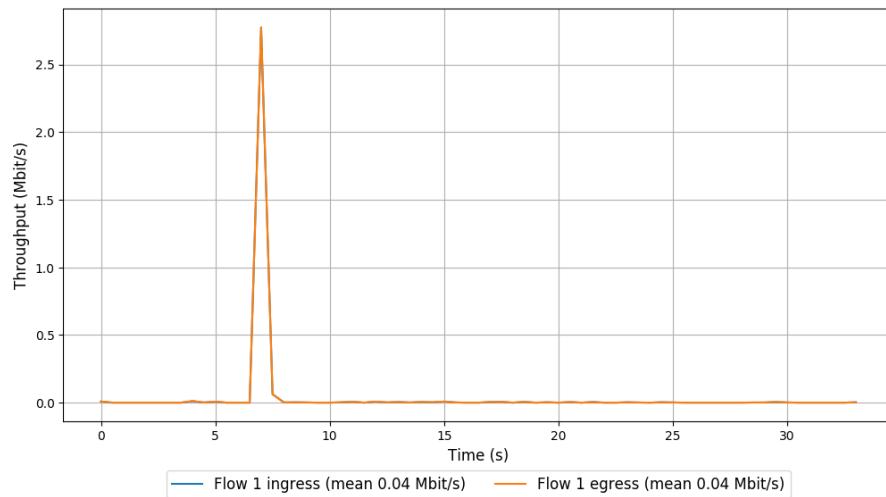


```
Run 5: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 22:10:43 +0000
End at: Mon, 19 Jun 2017 22:11:13 +0000
Local clock offset: -5.921 ms
Remote clock offset: -0.288 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:46:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: -1.463 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: -1.463 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

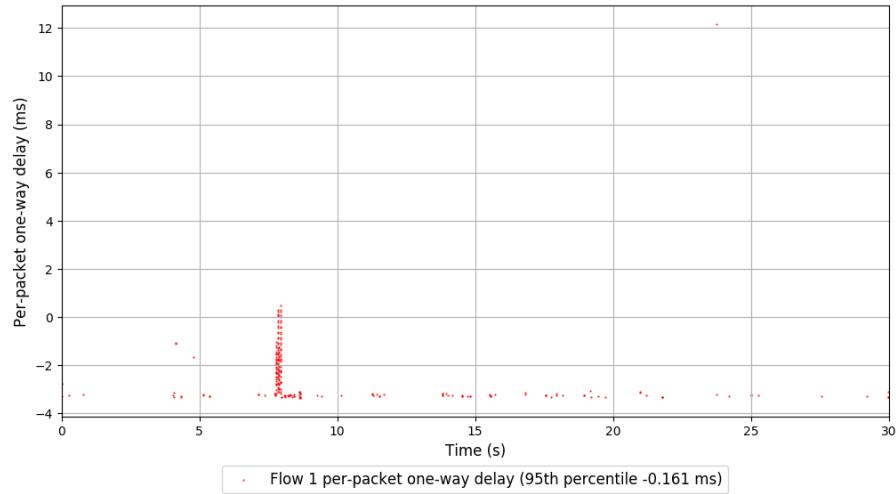
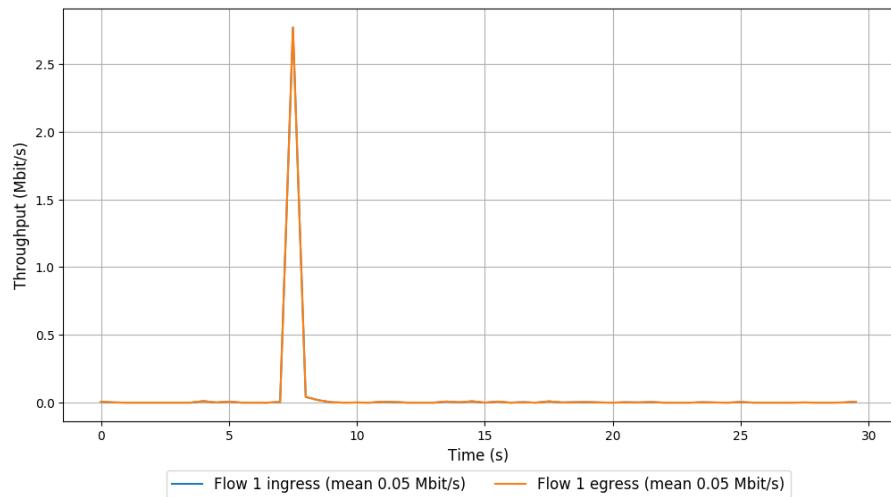


Run 6: Statistics of WebRTC media

```
Start at: Mon, 19 Jun 2017 22:28:53 +0000
End at: Mon, 19 Jun 2017 22:29:23 +0000
Local clock offset: -5.388 ms
Remote clock offset: -0.023 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:46:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -0.161 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -0.161 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 22:47:25 +0000

End at: Mon, 19 Jun 2017 22:47:55 +0000

Local clock offset: -6.795 ms

Remote clock offset: 0.074 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:46:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: -1.230 ms

Loss rate: 0.00%

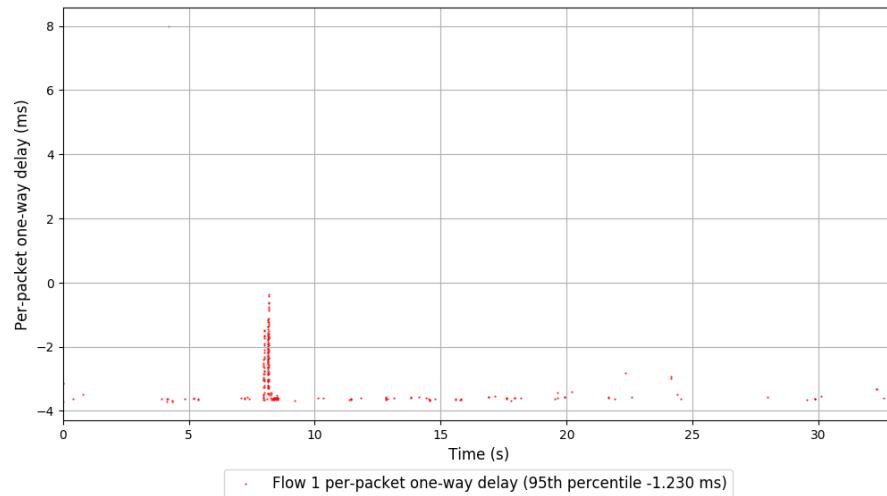
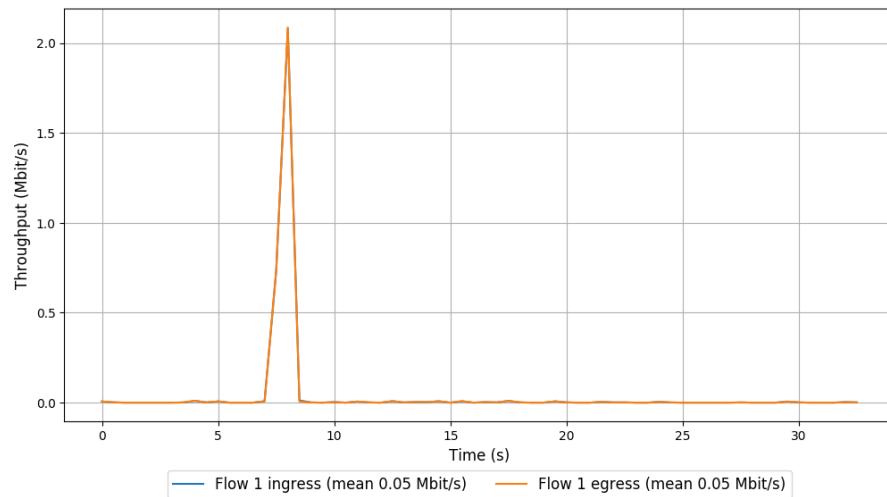
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: -1.230 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

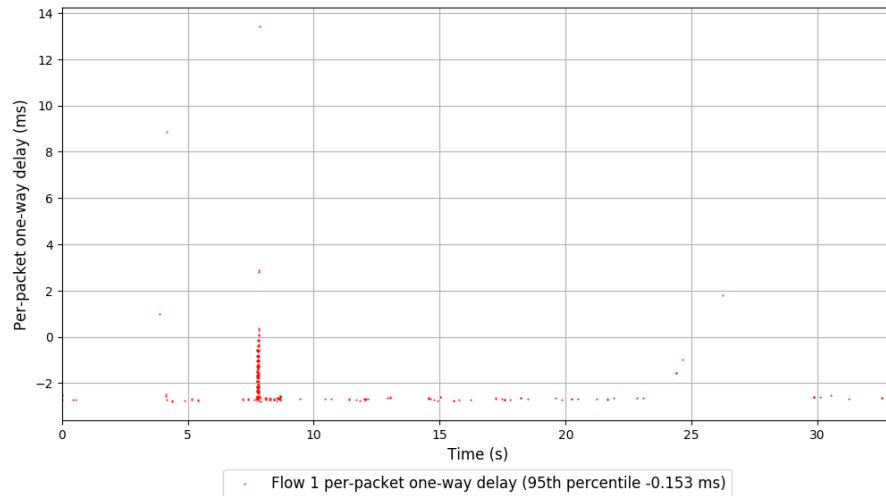
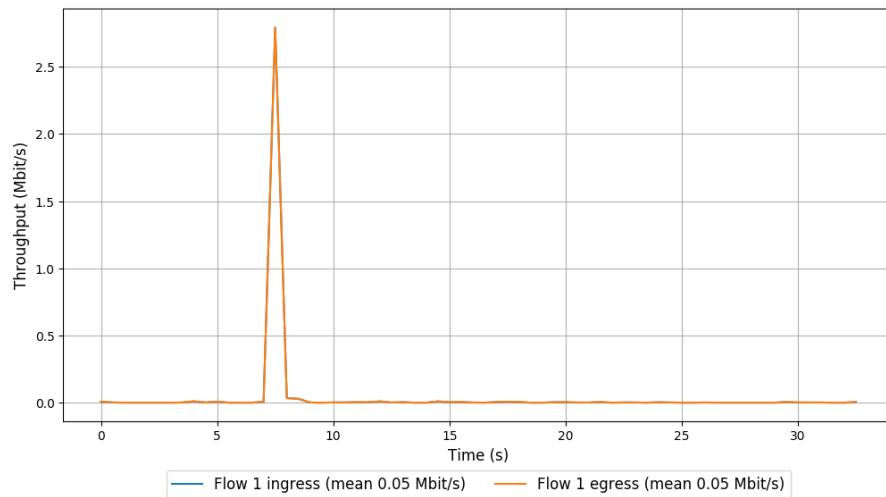


```
Run 8: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 23:05:41 +0000
End at: Mon, 19 Jun 2017 23:06:11 +0000
Local clock offset: -4.631 ms
Remote clock offset: 0.236 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:46:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -0.153 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -0.153 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

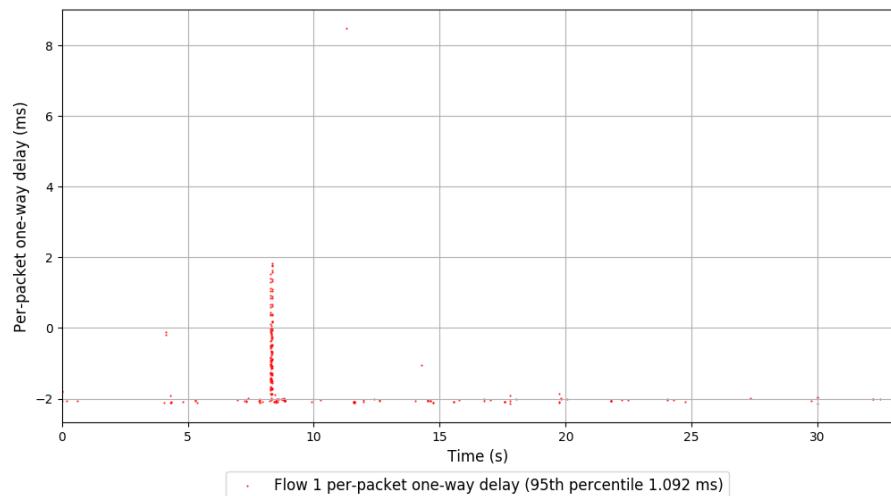
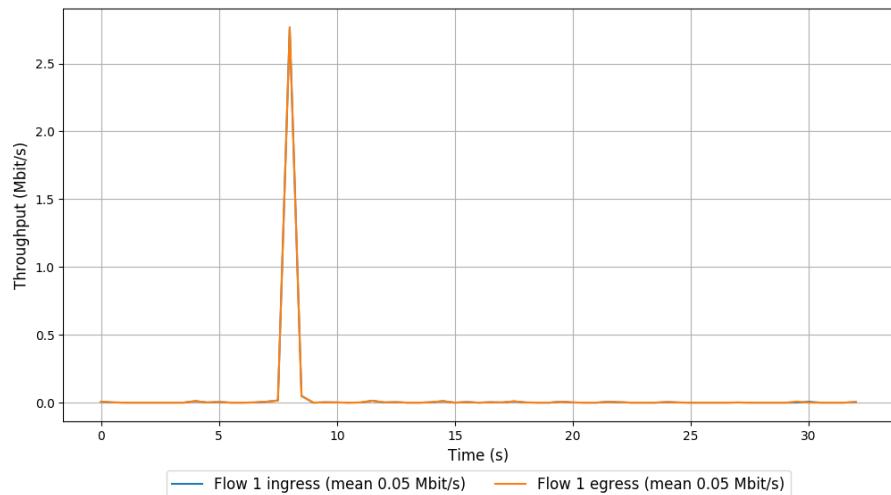


Run 9: Statistics of WebRTC media

```
Start at: Mon, 19 Jun 2017 23:23:46 +0000
End at: Mon, 19 Jun 2017 23:24:16 +0000
Local clock offset: -3.497 ms
Remote clock offset: 0.529 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:46:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.092 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Mon, 19 Jun 2017 23:42:08 +0000
End at: Mon, 19 Jun 2017 23:42:38 +0000
Local clock offset: -2.585 ms
Remote clock offset: 1.038 ms

# Below is generated by plot.py at Tue, 20 Jun 2017 05:46:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.216 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.216 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

