

**Pantheon Summary** (Generated at Sat, 24 Jun 2017 01:30:23 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

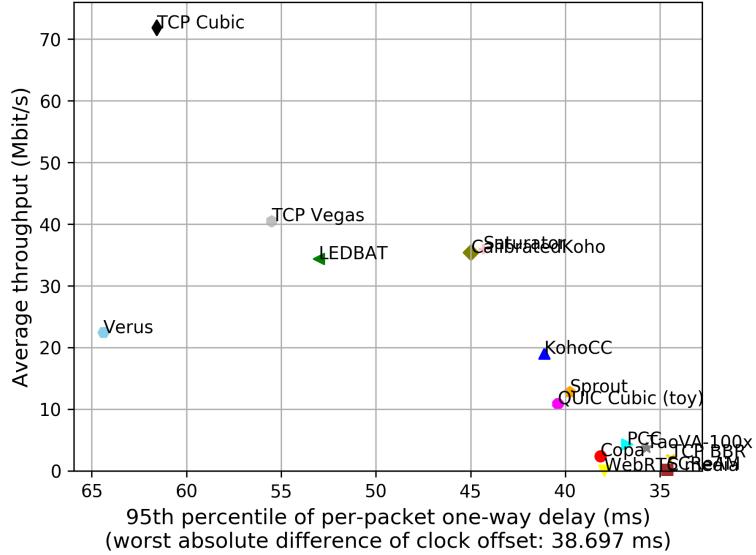
Data path **from** AWS India 1 Ethernet **to** India Ethernet.

NTP offset measured against nets.org.sg.

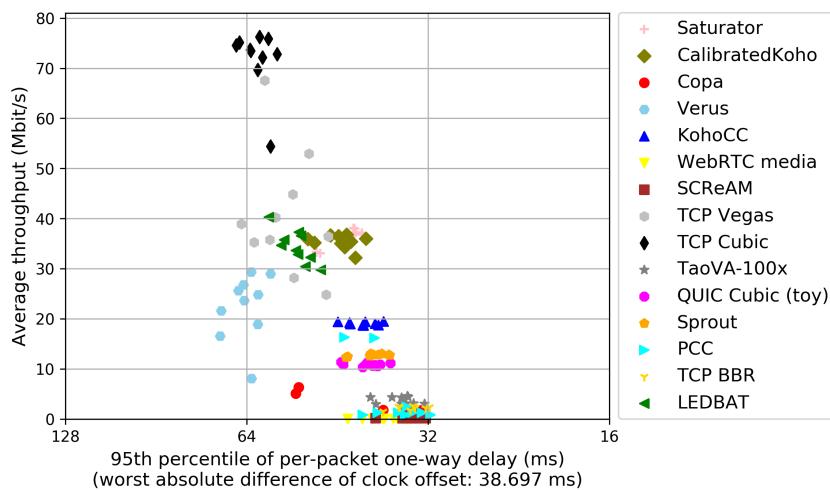
```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
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 India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme

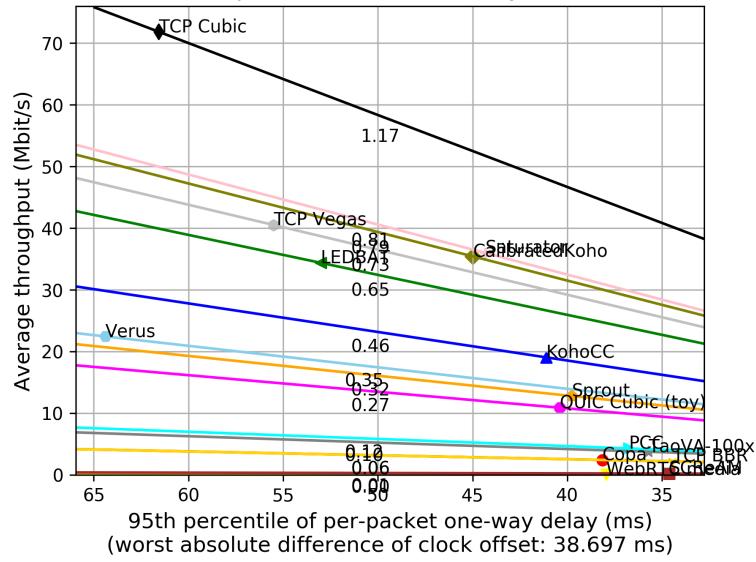
---



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



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



Run 1: Statistics of TCP BBR

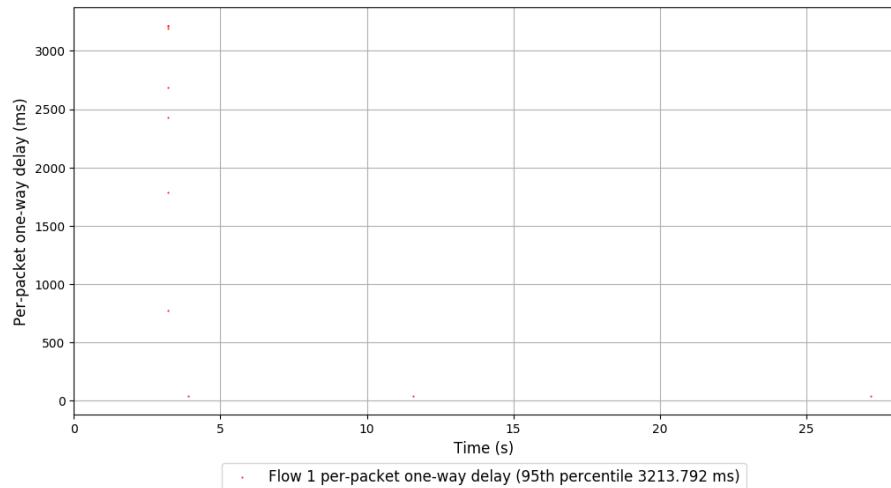
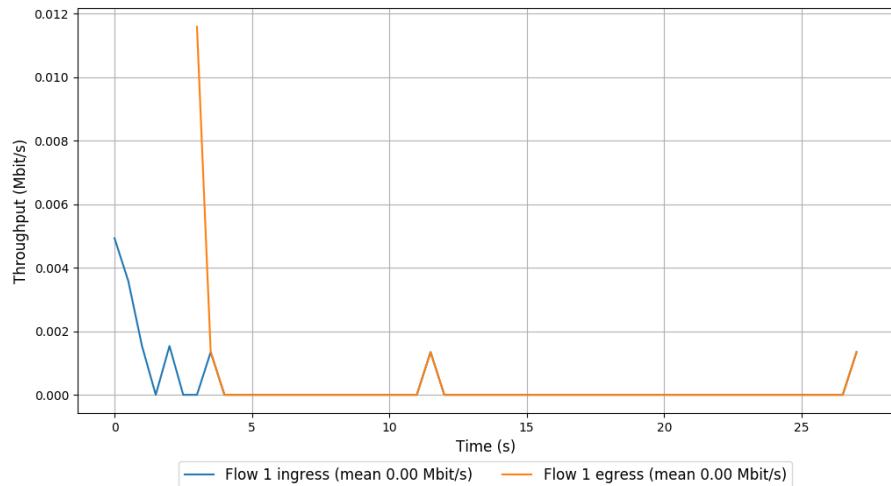
Start at: Fri, 23 Jun 2017 17:25:52 +0000

End at: Fri, 23 Jun 2017 17:26:22 +0000

Local clock offset: 7.487 ms

Remote clock offset: -27.902 ms

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

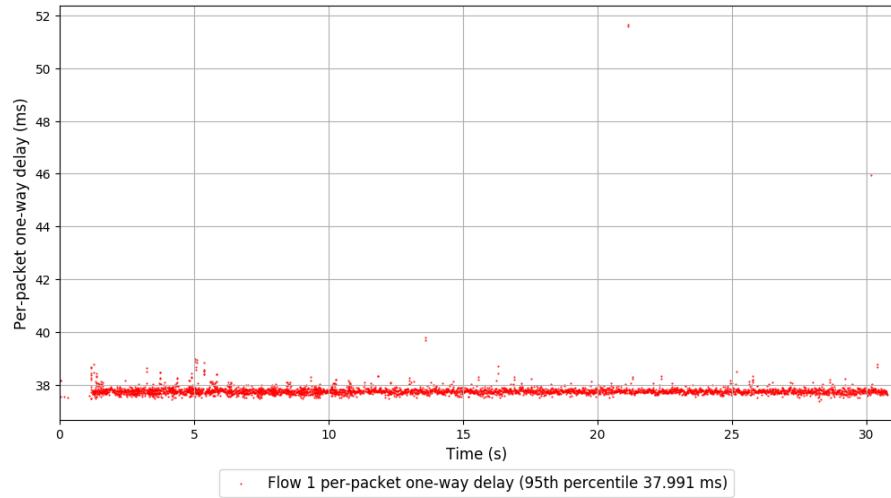
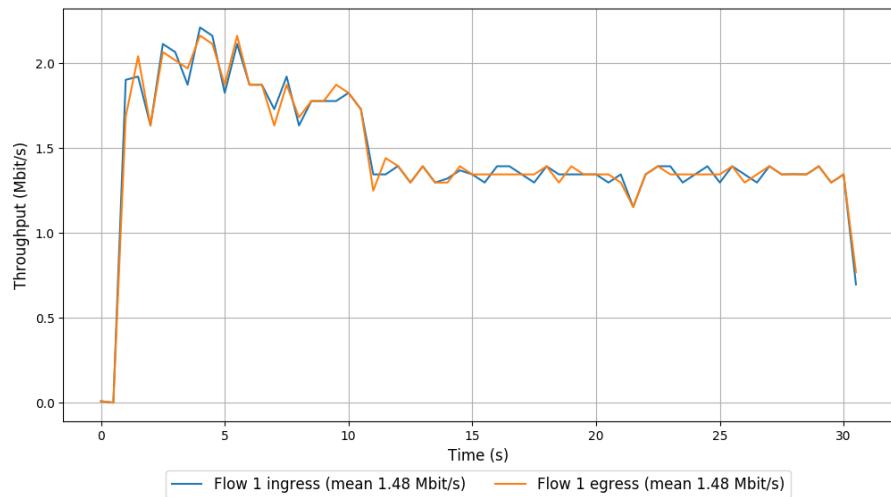


Run 2: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 17:45:01 +0000
End at: Fri, 23 Jun 2017 17:45:31 +0000
Local clock offset: 6.143 ms
Remote clock offset: -28.968 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:05:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 37.991 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 37.991 ms
Loss rate: 0.03%
```

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

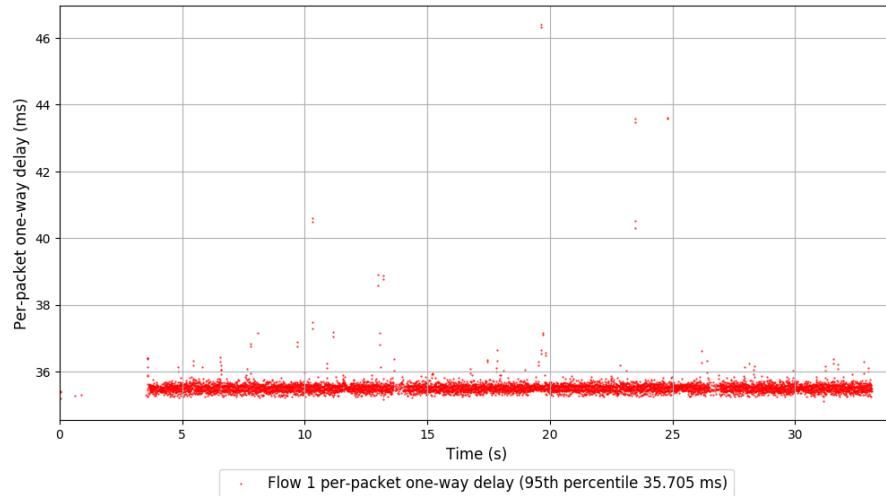
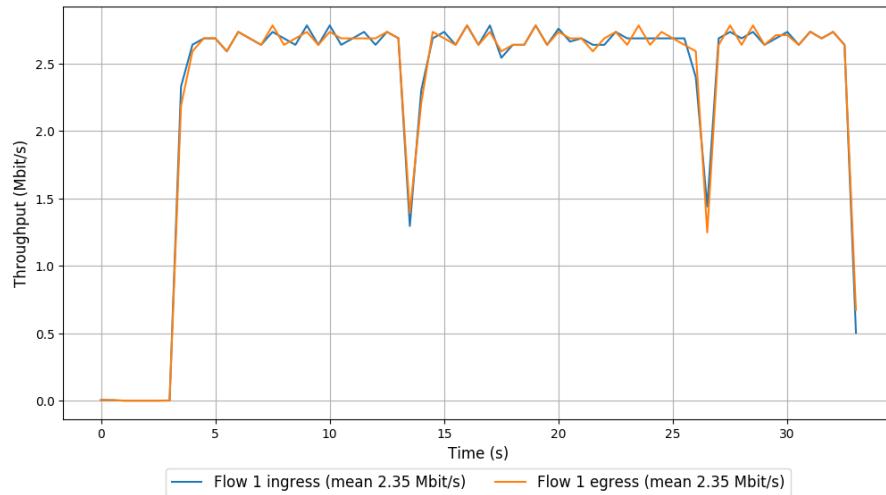


Run 3: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 18:04:12 +0000
End at: Fri, 23 Jun 2017 18:04:42 +0000
Local clock offset: 2.84 ms
Remote clock offset: -26.07 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:06:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 35.705 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 35.705 ms
Loss rate: 0.02%
```

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

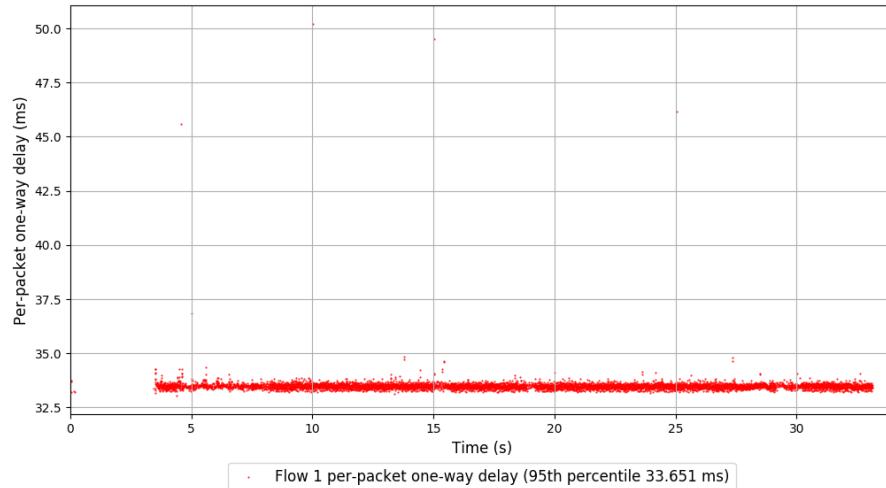
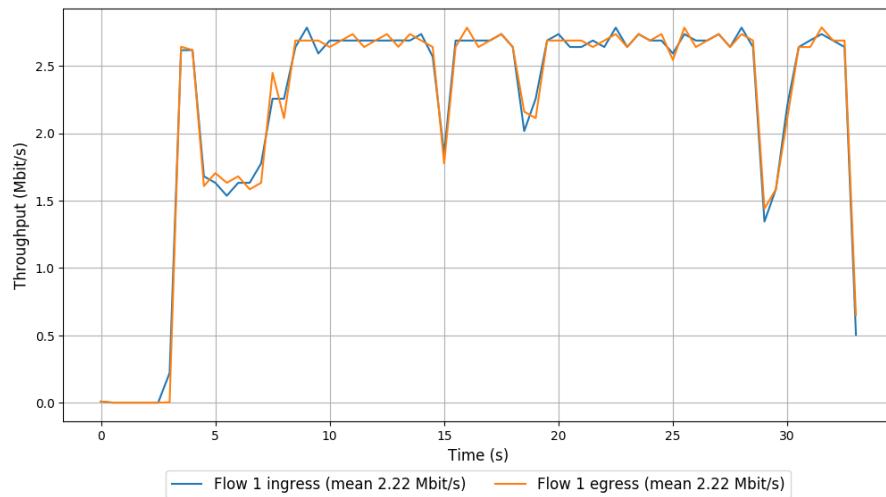


Run 4: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 18:23:29 +0000
End at: Fri, 23 Jun 2017 18:23:59 +0000
Local clock offset: 2.697 ms
Remote clock offset: -22.267 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:06:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 33.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 33.651 ms
Loss rate: 0.00%
```

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

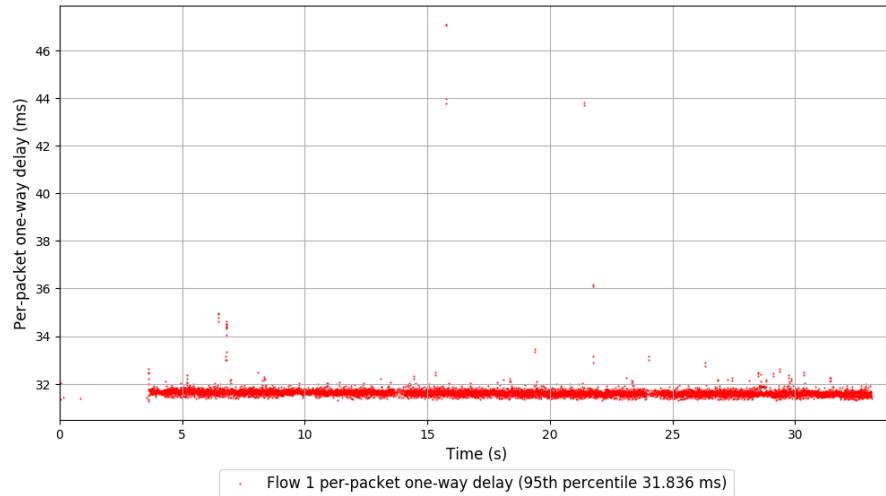
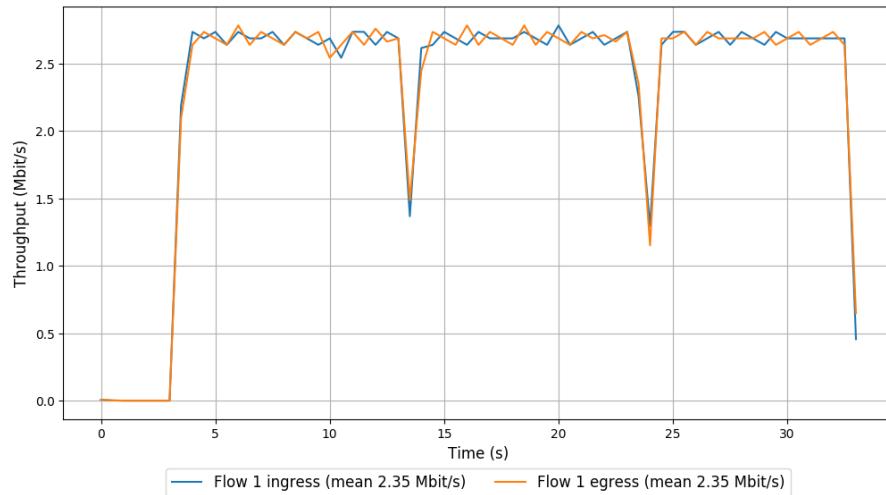


Run 5: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 18:42:34 +0000
End at: Fri, 23 Jun 2017 18:43:04 +0000
Local clock offset: 3.975 ms
Remote clock offset: -14.066 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:06:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 31.836 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 31.836 ms
Loss rate: 0.00%
```

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

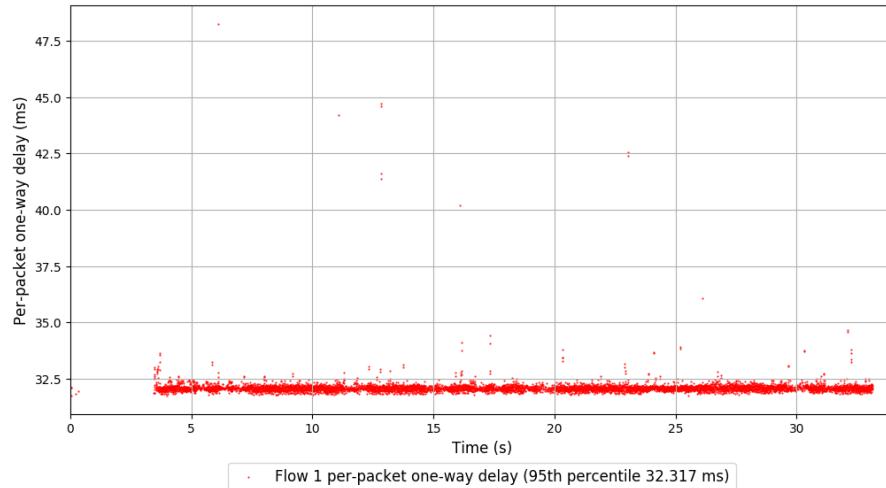
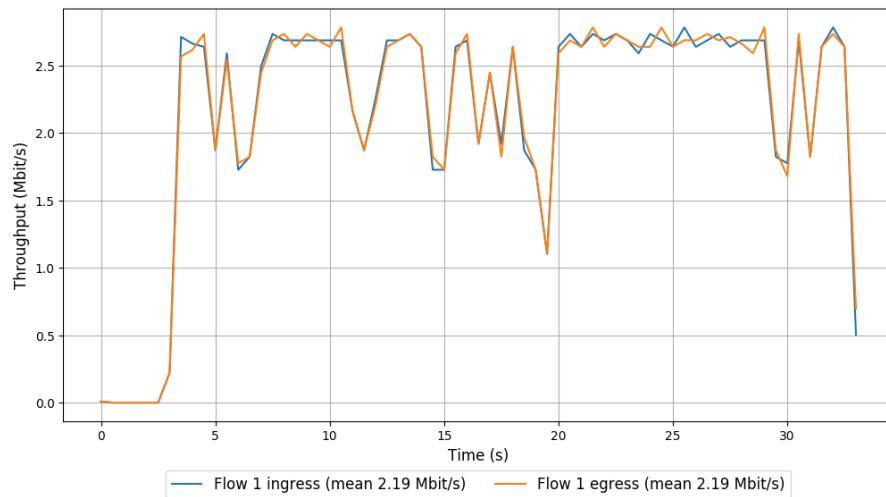


Run 6: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 19:01:40 +0000
End at: Fri, 23 Jun 2017 19:02:10 +0000
Local clock offset: -2.394 ms
Remote clock offset: -15.461 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:06:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 32.317 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 32.317 ms
Loss rate: 0.00%
```

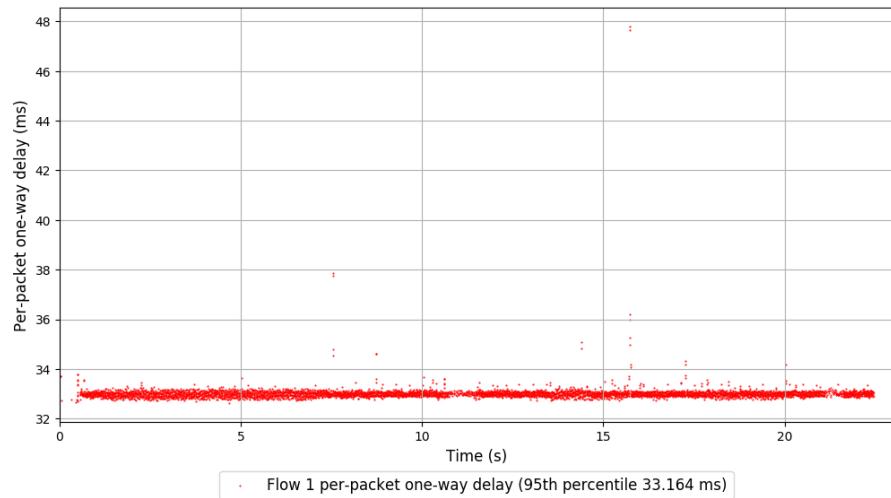
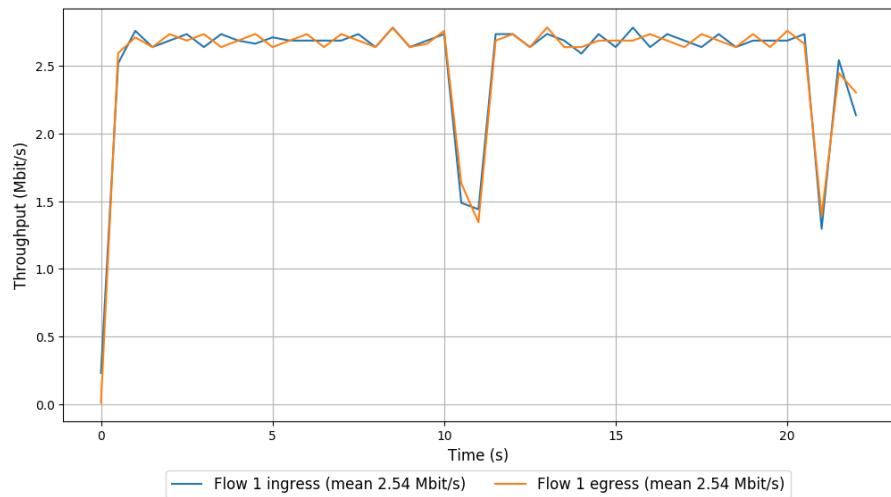
## Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 19:20:37 +0000  
End at: Fri, 23 Jun 2017 19:21:07 +0000  
Local clock offset: 6.216 ms  
Remote clock offset: -13.032 ms

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

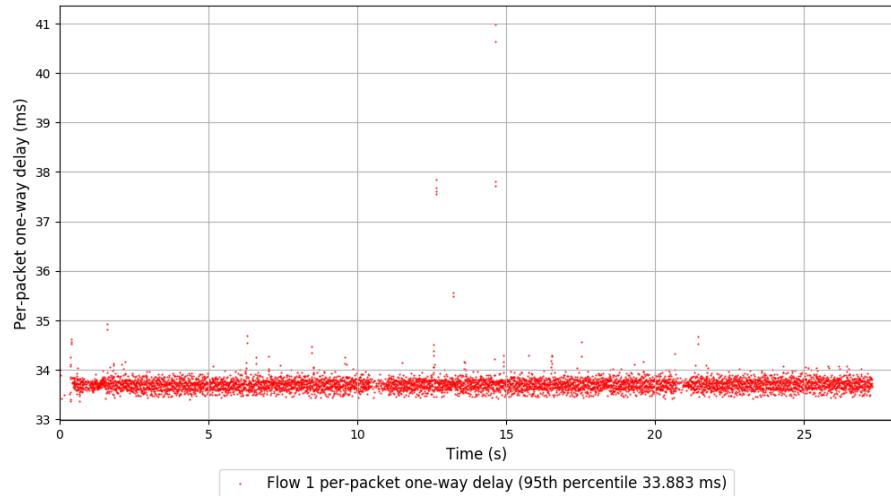
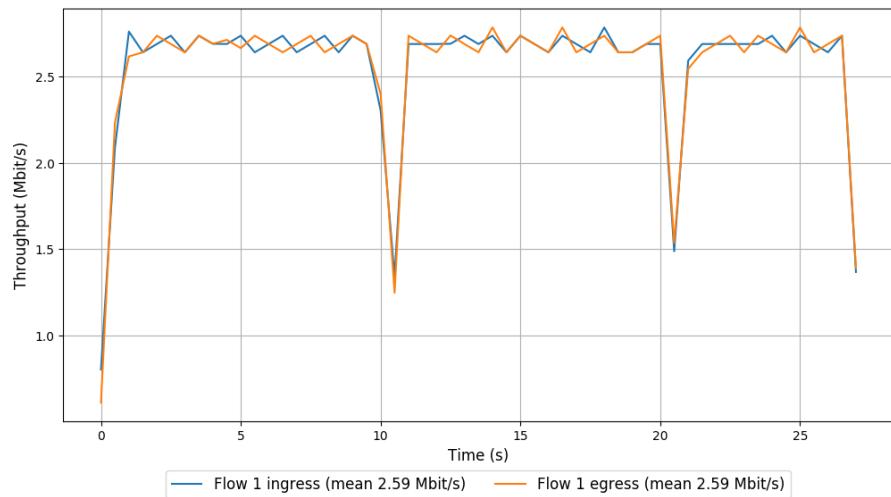


Run 8: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 19:39:22 +0000
End at: Fri, 23 Jun 2017 19:39:52 +0000
Local clock offset: 0.732 ms
Remote clock offset: -15.32 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:06:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 33.883 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 33.883 ms
Loss rate: 0.08%
```

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

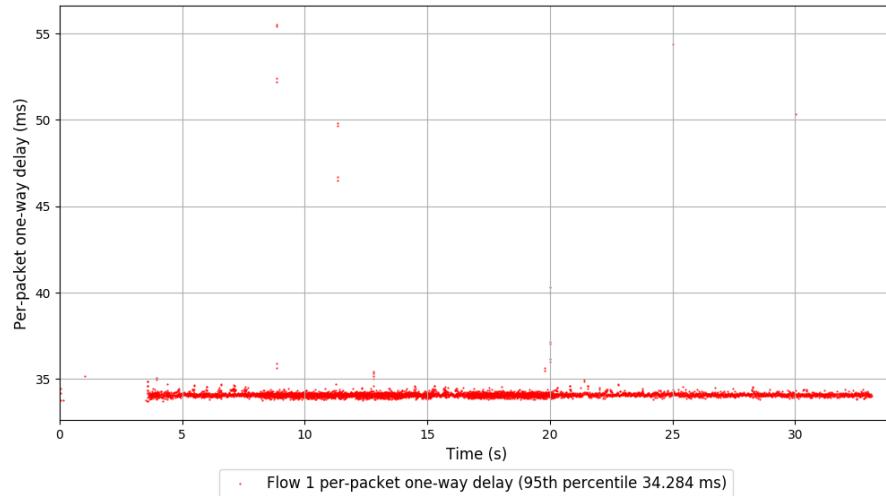
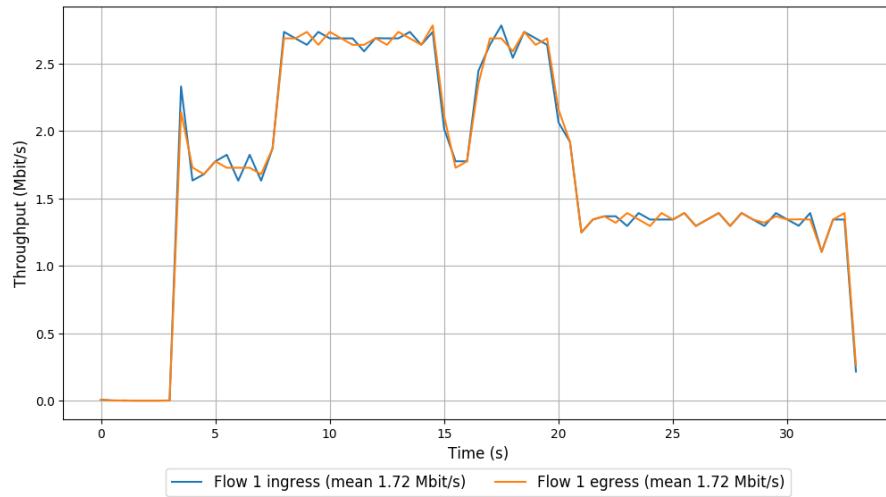


Run 9: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 19:58:41 +0000
End at: Fri, 23 Jun 2017 19:59:11 +0000
Local clock offset: 3.552 ms
Remote clock offset: -16.396 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:06:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 34.284 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 34.284 ms
Loss rate: 0.00%
```

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

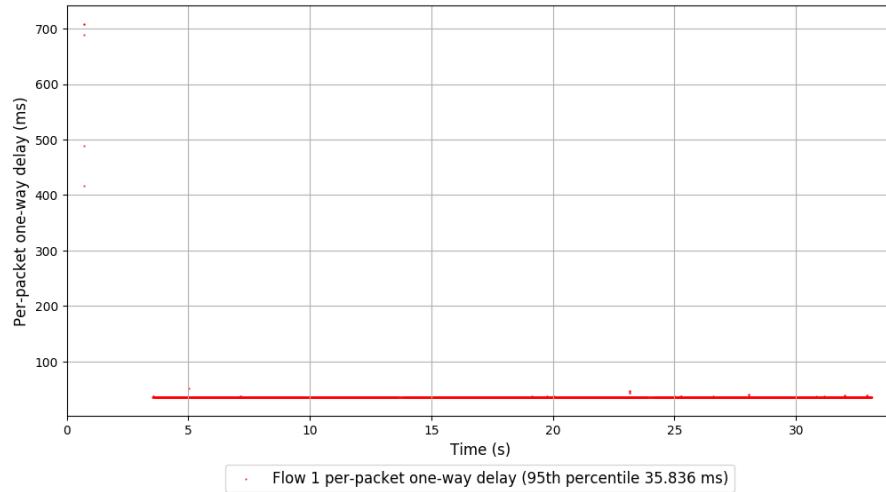
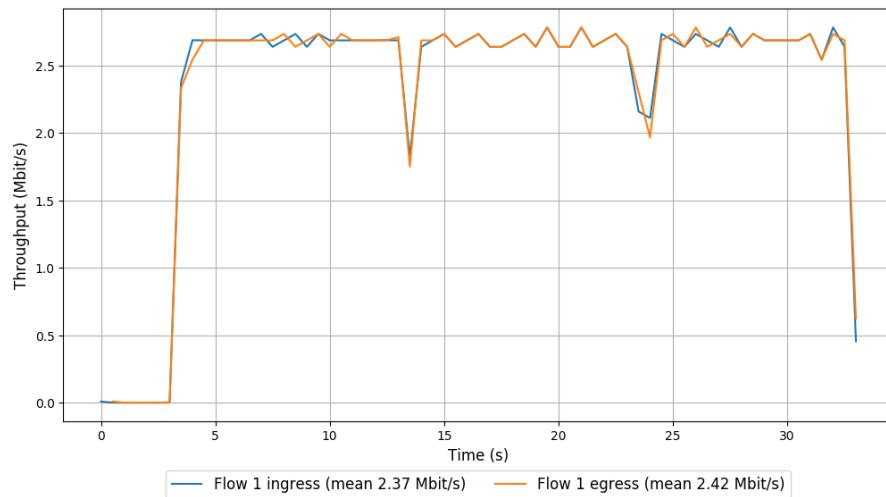


Run 10: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 20:17:45 +0000
End at: Fri, 23 Jun 2017 20:18:15 +0000
Local clock offset: 3.406 ms
Remote clock offset: -16.375 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:06:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 35.836 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 35.836 ms
Loss rate: 0.02%
```

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



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

```
Start at: Fri, 23 Jun 2017 17:34:22 +0000
```

```
End at: Fri, 23 Jun 2017 17:34:52 +0000
```

```
Local clock offset: 6.527 ms
```

```
Remote clock offset: -29.207 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:06:57 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 35.94 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.671 ms
```

```
Loss rate: 0.00%
```

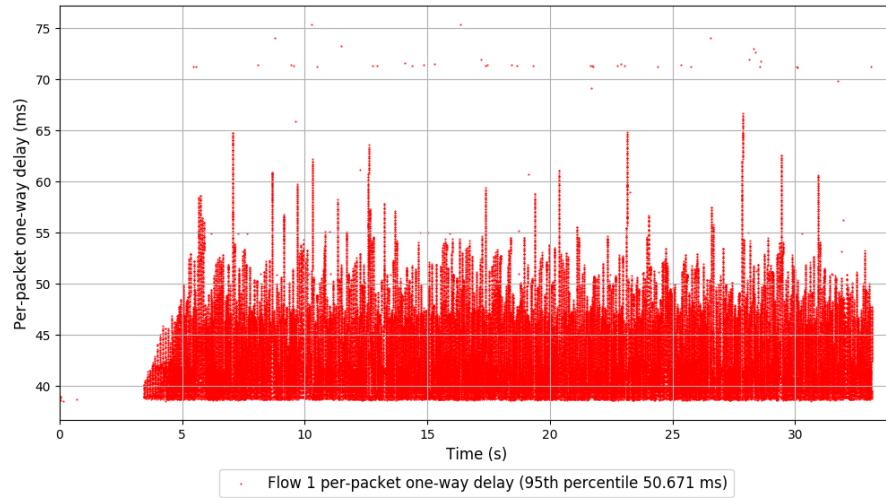
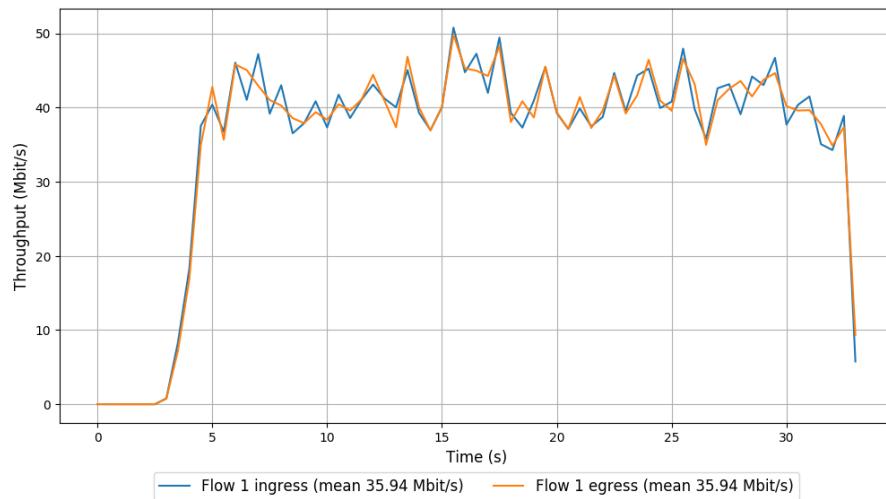
```
-- Flow 1:
```

```
Average throughput: 35.94 Mbit/s
```

```
95th percentile per-packet one-way delay: 50.671 ms
```

```
Loss rate: 0.00%
```

## Run 1: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 17:53:20 +0000
```

```
End at: Fri, 23 Jun 2017 17:53:50 +0000
```

```
Local clock offset: 3.484 ms
```

```
Remote clock offset: -29.9 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:07:04 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 35.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 49.432 ms
```

```
Loss rate: 0.00%
```

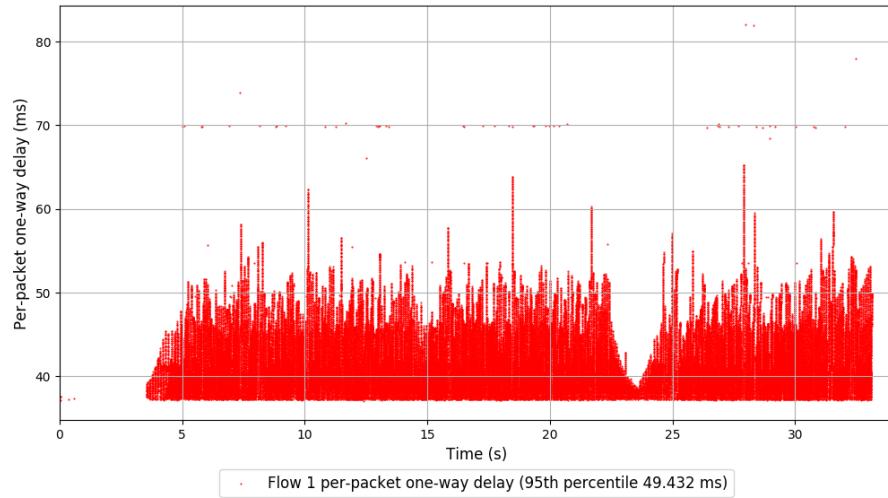
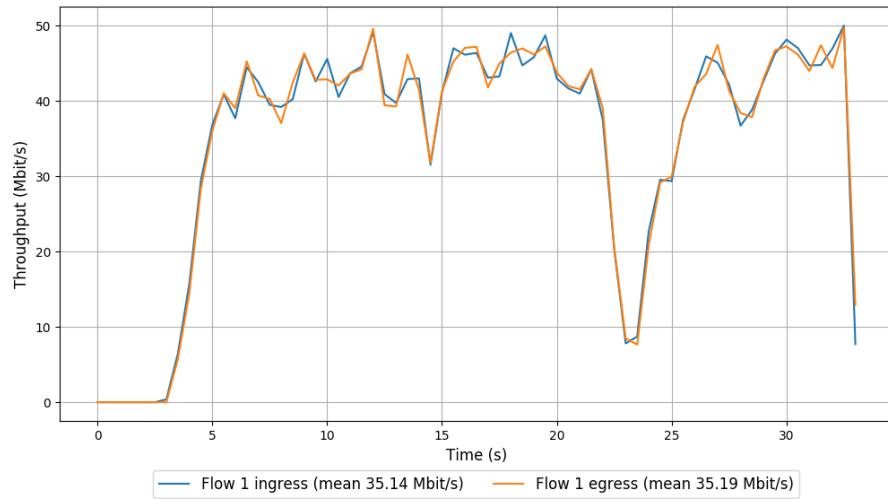
```
-- Flow 1:
```

```
Average throughput: 35.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 49.432 ms
```

```
Loss rate: 0.00%
```

## Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 18:12:33 +0000
```

```
End at: Fri, 23 Jun 2017 18:13:03 +0000
```

```
Local clock offset: 2.492 ms
```

```
Remote clock offset: -25.189 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:07:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 36.49 Mbit/s
```

```
95th percentile per-packet one-way delay: 45.070 ms
```

```
Loss rate: 0.07%
```

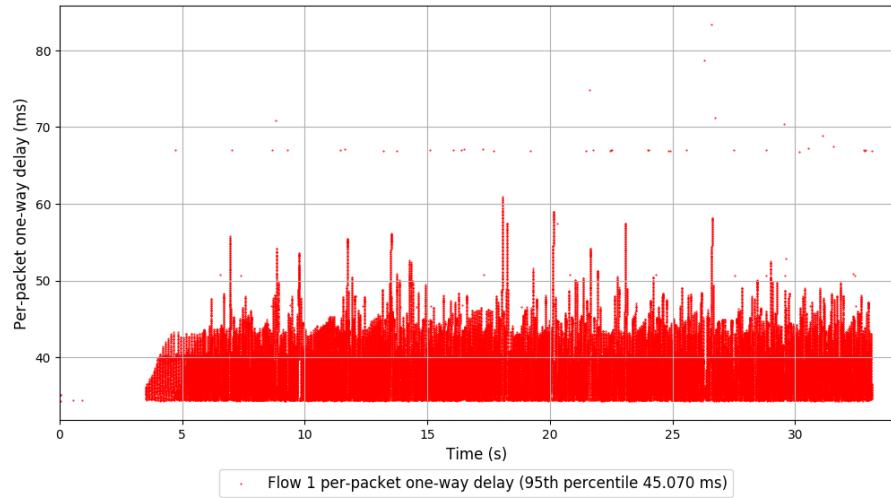
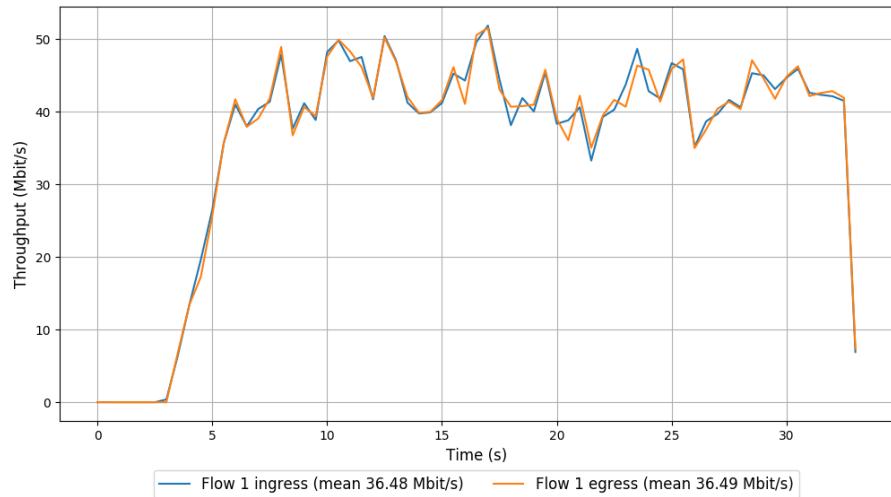
```
-- Flow 1:
```

```
Average throughput: 36.49 Mbit/s
```

```
95th percentile per-packet one-way delay: 45.070 ms
```

```
Loss rate: 0.07%
```

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



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

```
Start at: Fri, 23 Jun 2017 18:31:51 +0000
```

```
End at: Fri, 23 Jun 2017 18:32:21 +0000
```

```
Local clock offset: 4.391 ms
```

```
Remote clock offset: -19.784 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:07:29 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 34.29 Mbit/s
```

```
95th percentile per-packet one-way delay: 44.013 ms
```

```
Loss rate: 0.00%
```

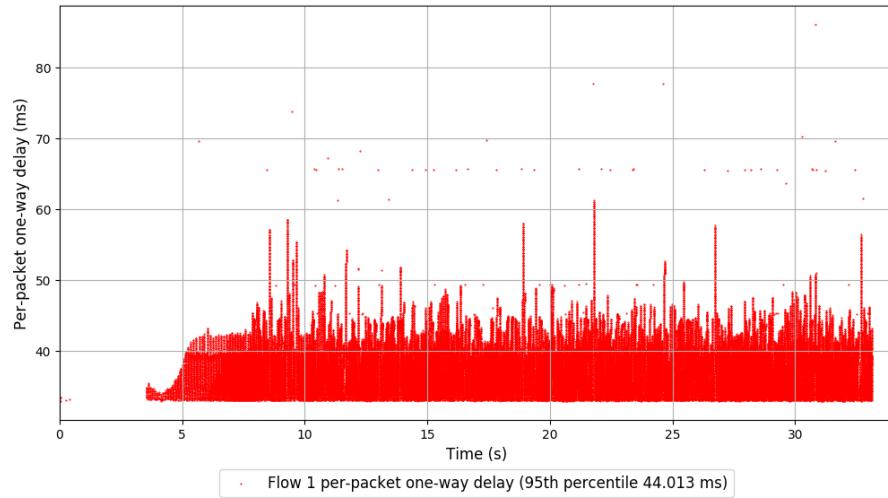
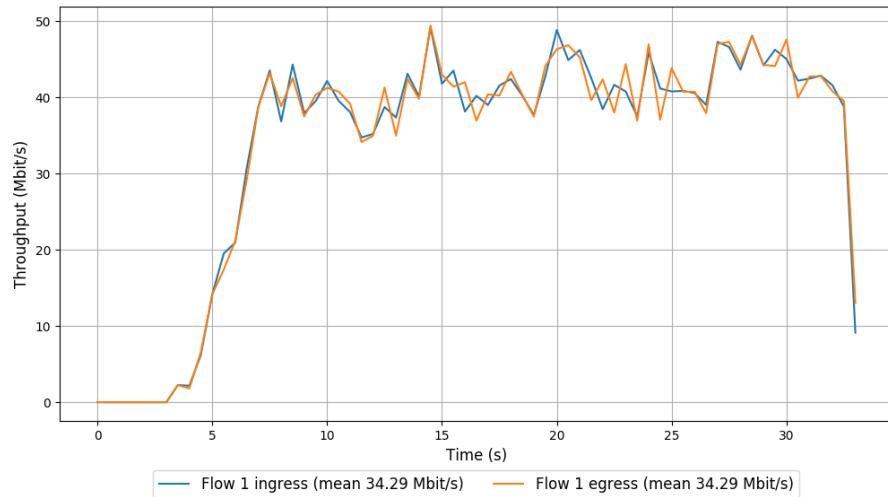
```
-- Flow 1:
```

```
Average throughput: 34.29 Mbit/s
```

```
95th percentile per-packet one-way delay: 44.013 ms
```

```
Loss rate: 0.00%
```

## Run 4: Report of CalibratedKoho — Data Link

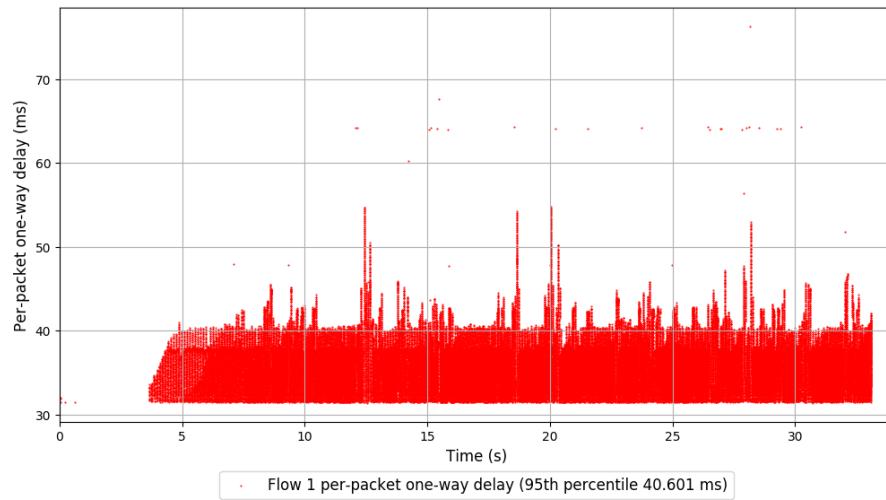
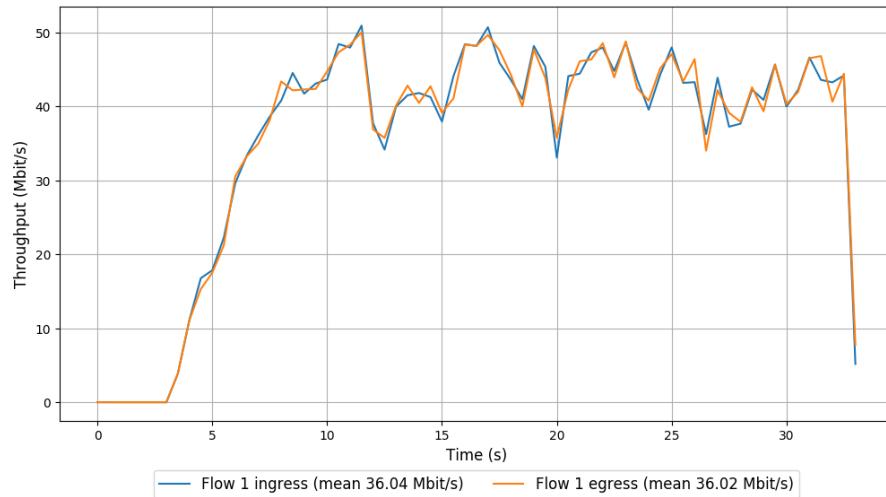


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Fri, 23 Jun 2017 18:50:54 +0000
End at: Fri, 23 Jun 2017 18:51:24 +0000
Local clock offset: 1.631 ms
Remote clock offset: -13.759 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:07:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: 40.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: 40.601 ms
Loss rate: 0.00%
```

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

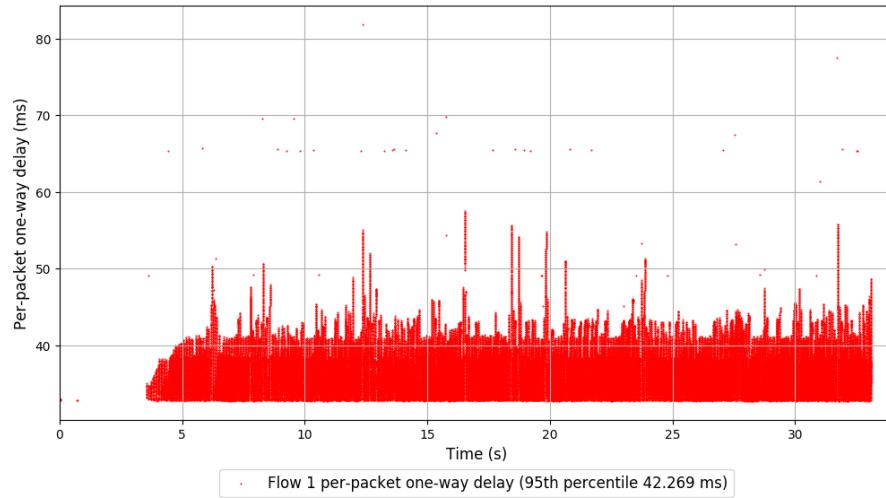
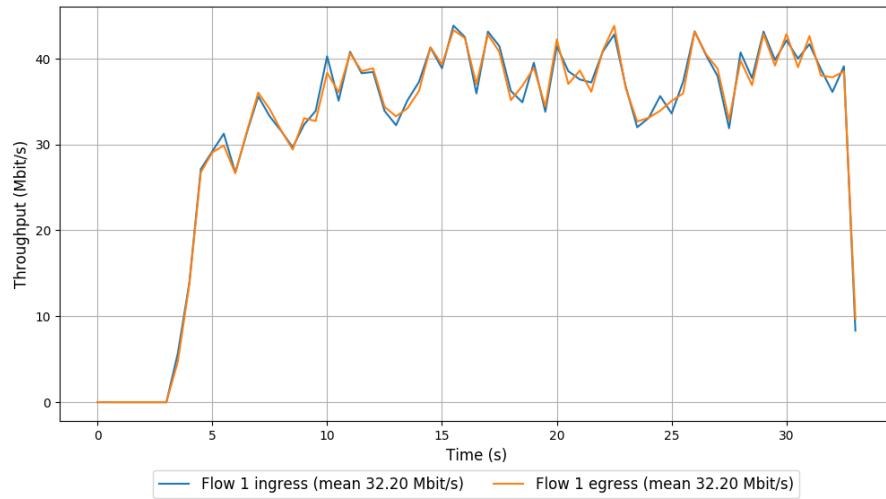


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Fri, 23 Jun 2017 19:09:59 +0000
End at: Fri, 23 Jun 2017 19:10:29 +0000
Local clock offset: 0.785 ms
Remote clock offset: -16.5 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:07:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 42.269 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 42.269 ms
Loss rate: 0.08%
```

## Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 19:28:55 +0000

End at: Fri, 23 Jun 2017 19:29:25 +0000

Local clock offset: 4.396 ms

Remote clock offset: -14.991 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:08:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.38 Mbit/s

95th percentile per-packet one-way delay: 42.992 ms

Loss rate: 0.00%

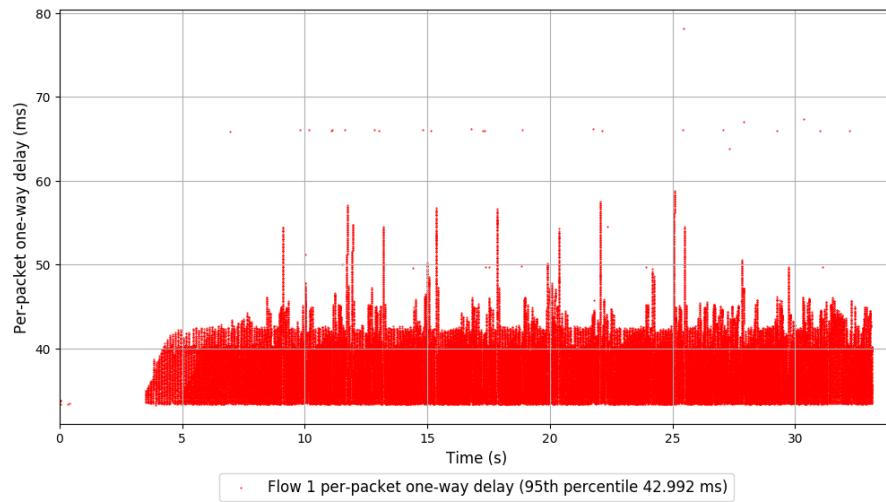
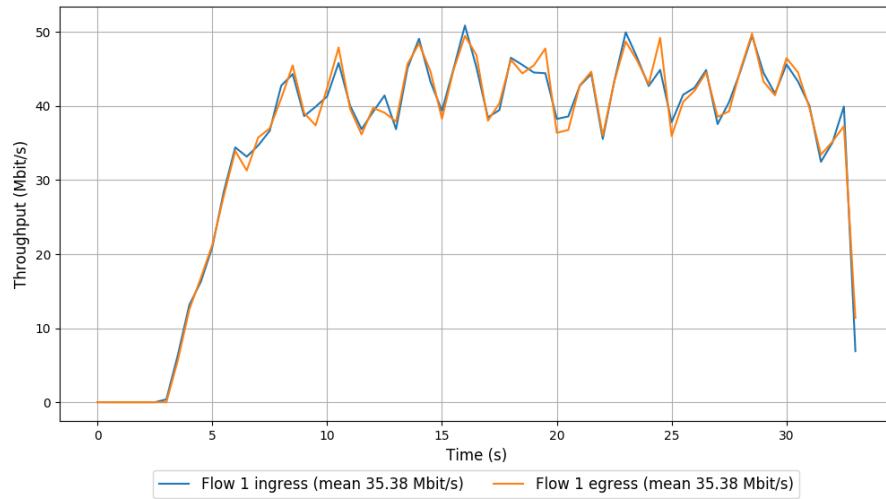
-- Flow 1:

Average throughput: 35.38 Mbit/s

95th percentile per-packet one-way delay: 42.992 ms

Loss rate: 0.00%

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

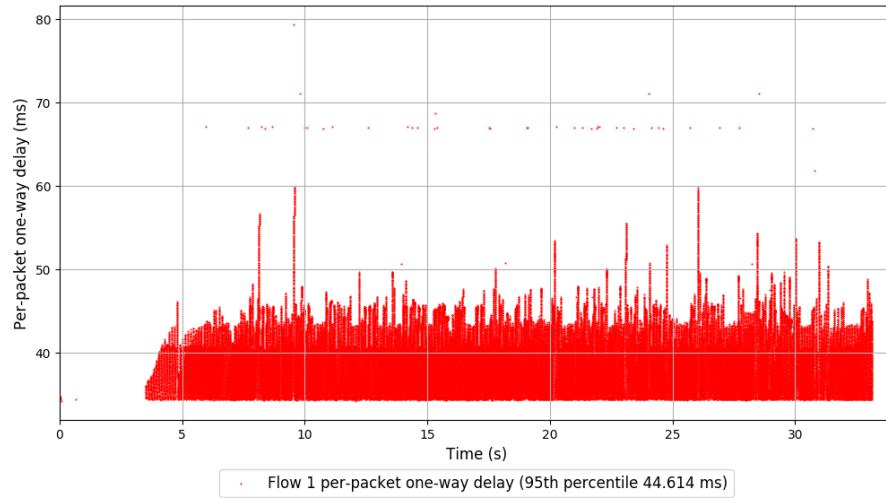
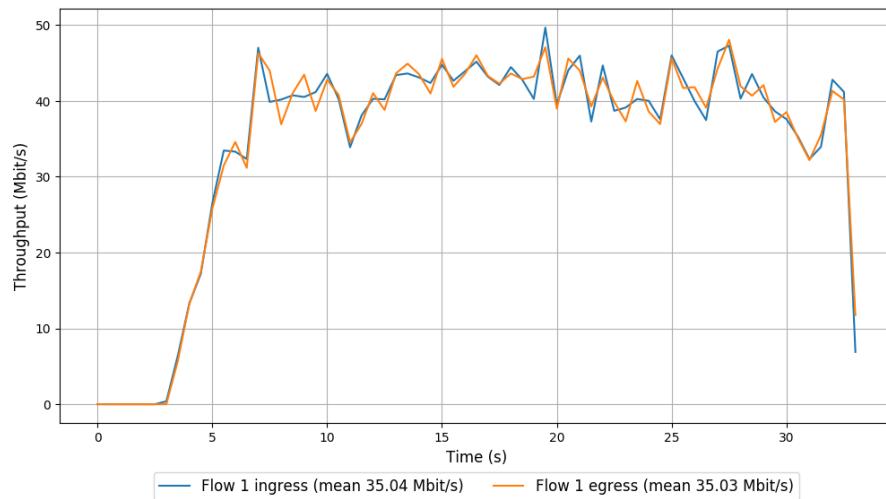


Run 8: Statistics of CalibratedKoho

```
Start at: Fri, 23 Jun 2017 19:47:40 +0000
End at: Fri, 23 Jun 2017 19:48:10 +0000
Local clock offset: 6.488 ms
Remote clock offset: -13.997 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:08:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.03 Mbit/s
95th percentile per-packet one-way delay: 44.614 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.03 Mbit/s
95th percentile per-packet one-way delay: 44.614 ms
Loss rate: 0.00%
```

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



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

```
Start at: Fri, 23 Jun 2017 20:06:58 +0000
```

```
End at: Fri, 23 Jun 2017 20:07:28 +0000
```

```
Local clock offset: 2.456 ms
```

```
Remote clock offset: -14.525 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:08:43 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 36.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 46.510 ms
```

```
Loss rate: 0.00%
```

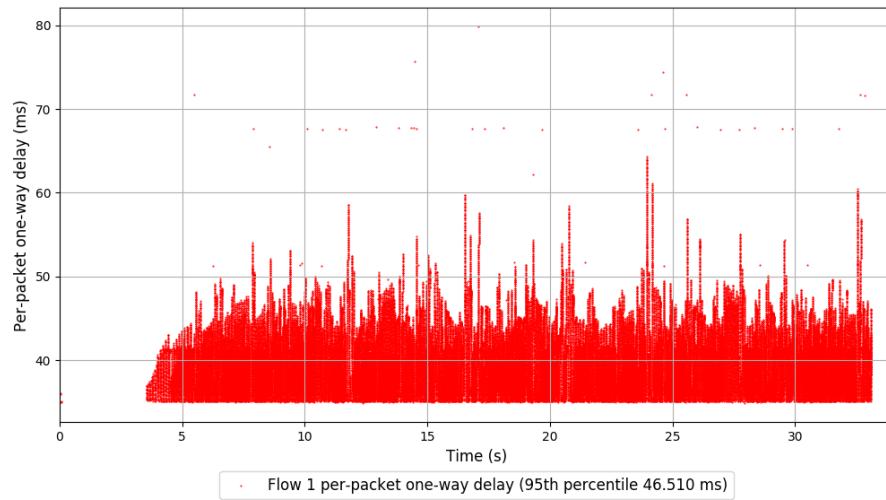
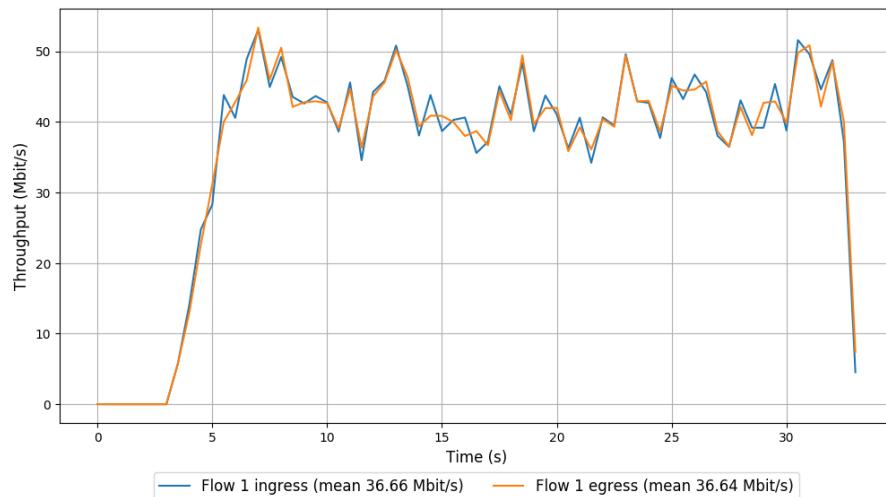
```
-- Flow 1:
```

```
Average throughput: 36.64 Mbit/s
```

```
95th percentile per-packet one-way delay: 46.510 ms
```

```
Loss rate: 0.00%
```

## Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 20:26:08 +0000
```

```
End at: Fri, 23 Jun 2017 20:26:38 +0000
```

```
Local clock offset: 6.937 ms
```

```
Remote clock offset: -15.687 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:08:52 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 36.82 Mbit/s
```

```
95th percentile per-packet one-way delay: 43.698 ms
```

```
Loss rate: 0.00%
```

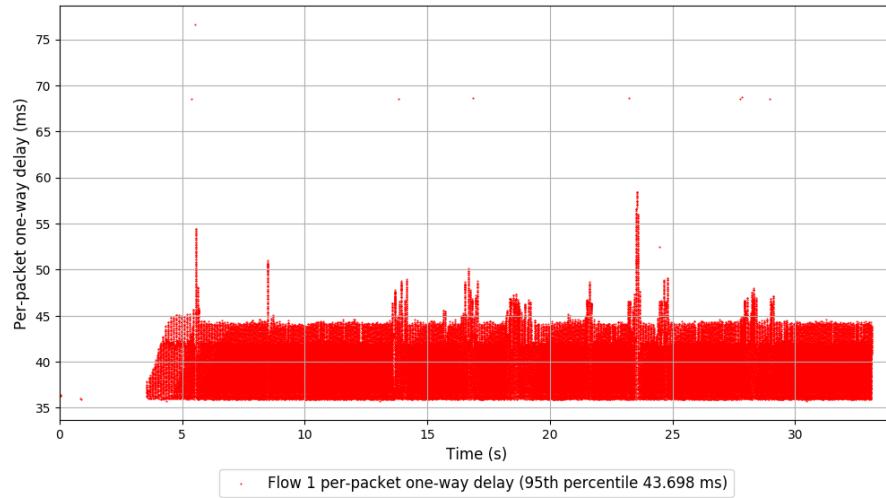
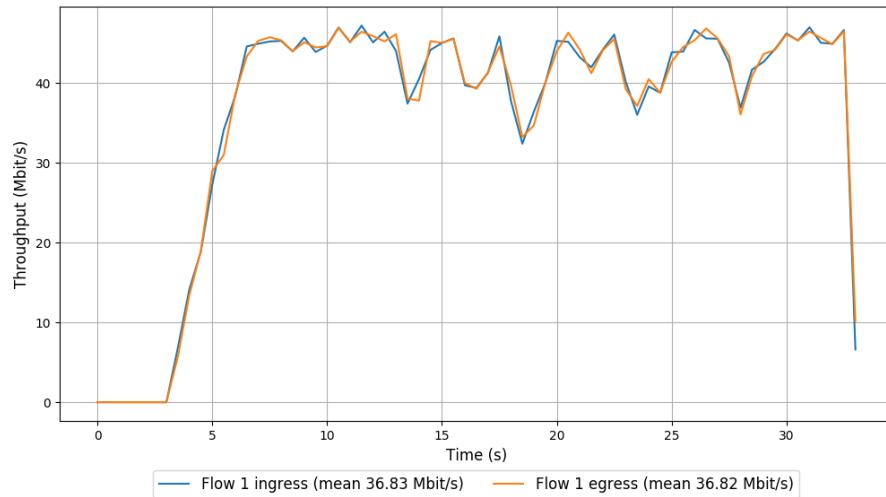
```
-- Flow 1:
```

```
Average throughput: 36.82 Mbit/s
```

```
95th percentile per-packet one-way delay: 43.698 ms
```

```
Loss rate: 0.00%
```

## Run 10: Report of CalibratedKoho — Data Link

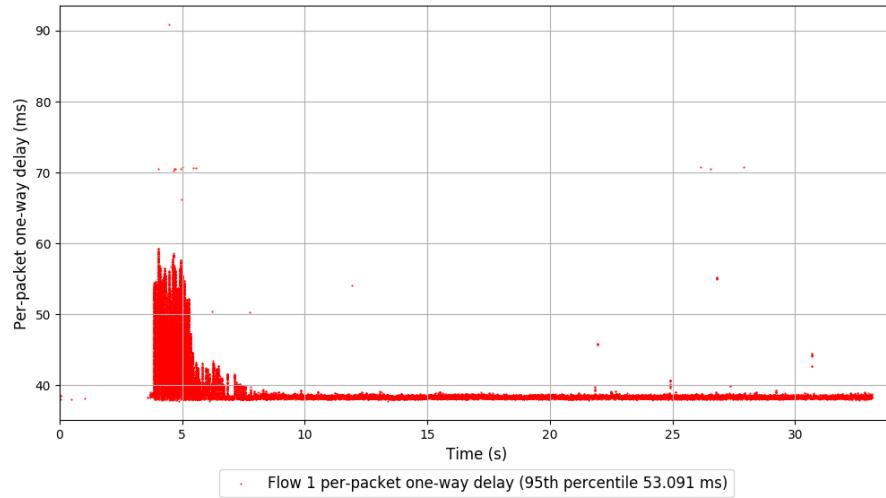
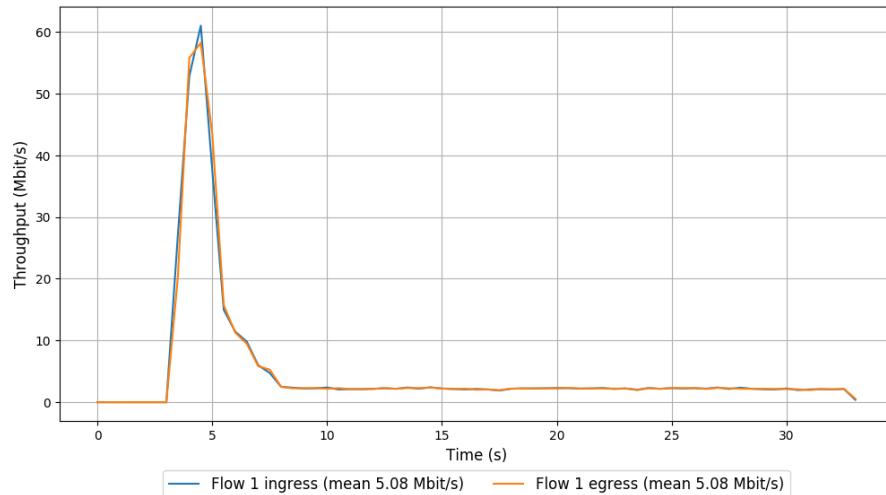


Run 1: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 17:32:01 +0000
End at: Fri, 23 Jun 2017 17:32:31 +0000
Local clock offset: 4.804 ms
Remote clock offset: -23.54 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:08:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.08 Mbit/s
95th percentile per-packet one-way delay: 53.091 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.08 Mbit/s
95th percentile per-packet one-way delay: 53.091 ms
Loss rate: 0.00%
```

## Run 1: Report of Copa — Data Link

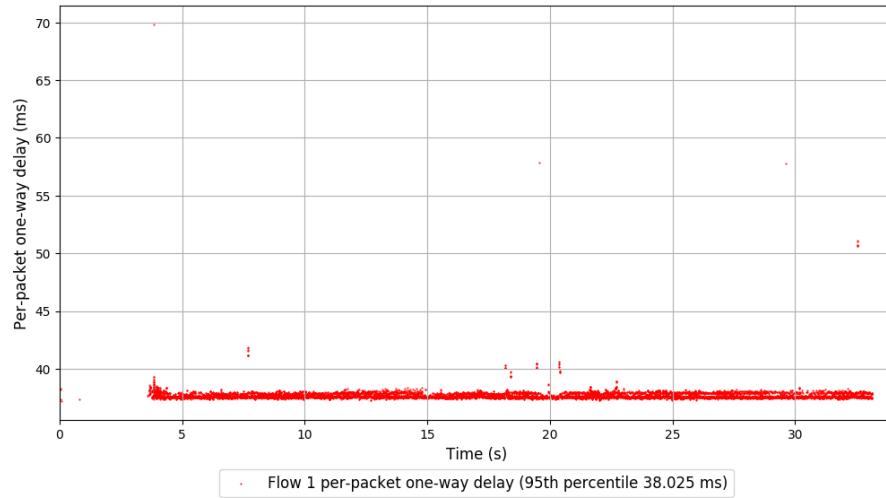
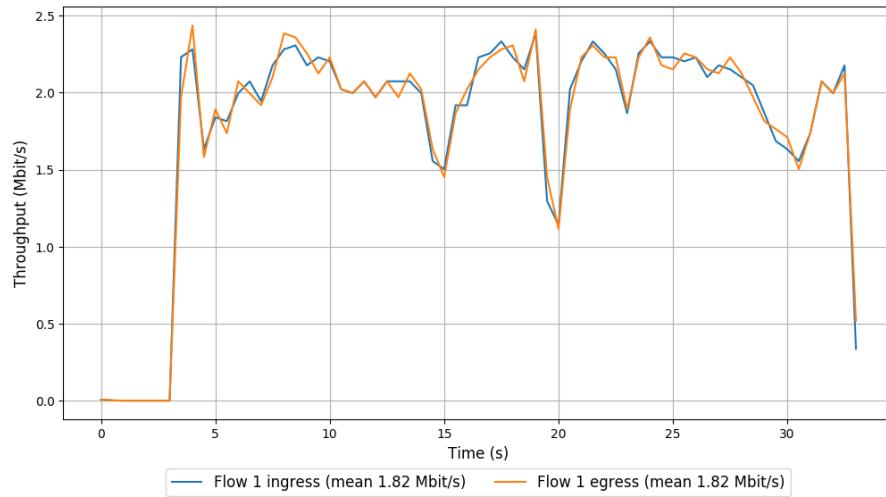


Run 2: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 17:51:03 +0000
End at: Fri, 23 Jun 2017 17:51:33 +0000
Local clock offset: 4.754 ms
Remote clock offset: -26.894 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 38.025 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 38.025 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

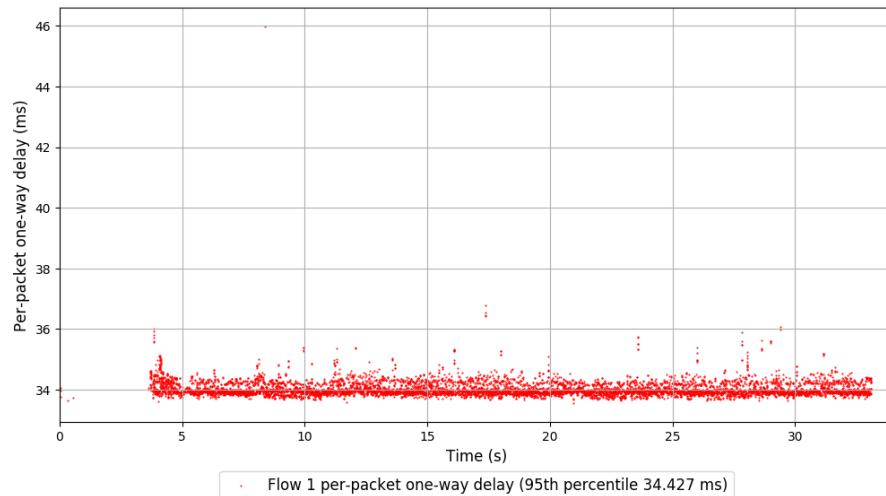
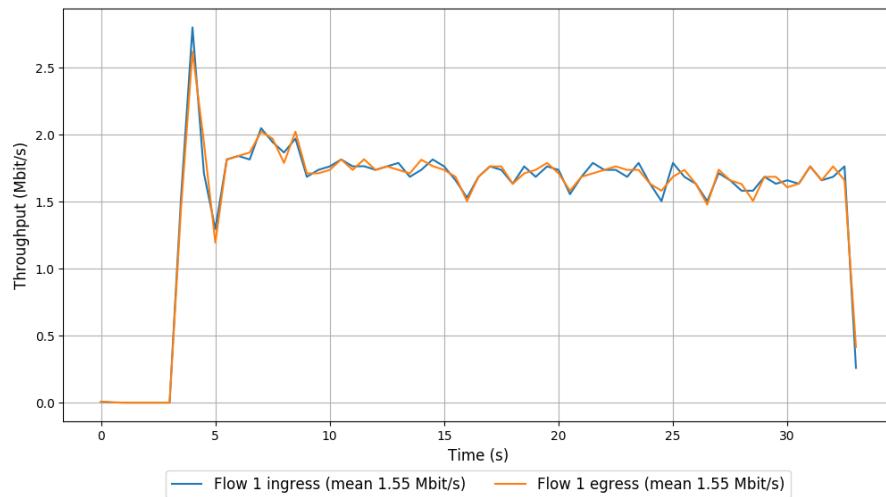


Run 3: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 18:10:16 +0000
End at: Fri, 23 Jun 2017 18:10:46 +0000
Local clock offset: 3.222 ms
Remote clock offset: -29.523 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 34.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 34.427 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

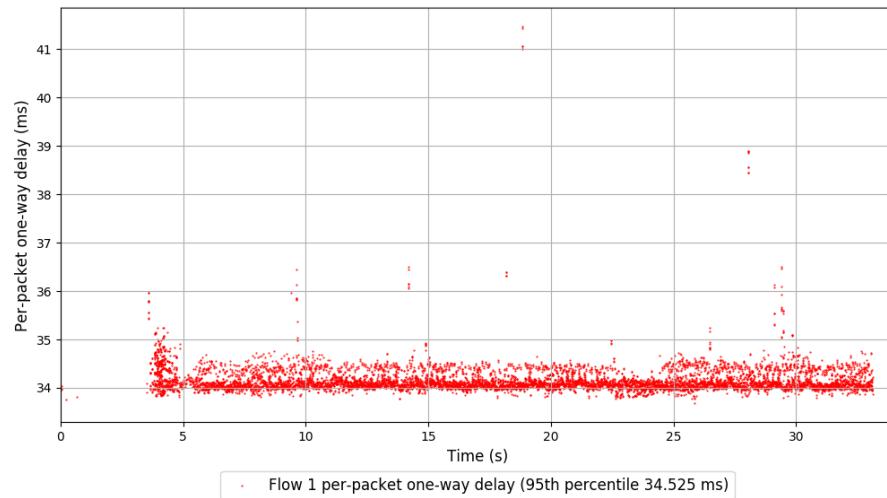
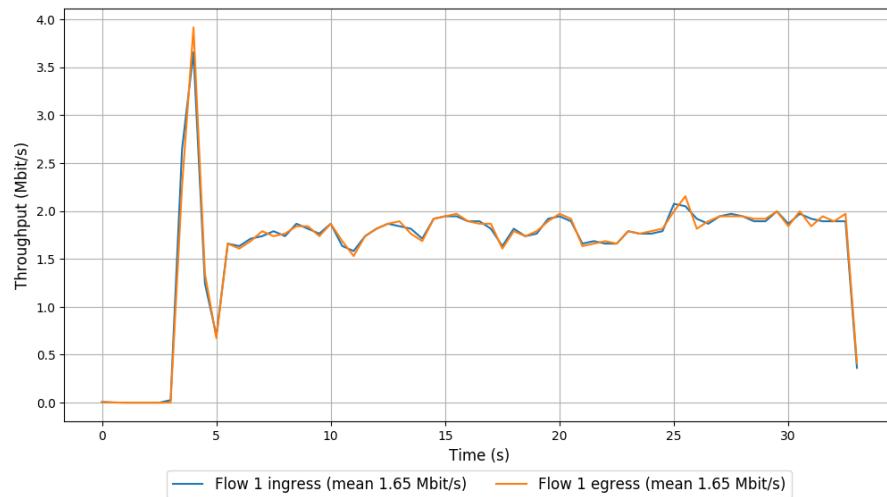


Run 4: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 18:29:35 +0000
End at: Fri, 23 Jun 2017 18:30:05 +0000
Local clock offset: 3.461 ms
Remote clock offset: -23.554 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 34.525 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 34.525 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

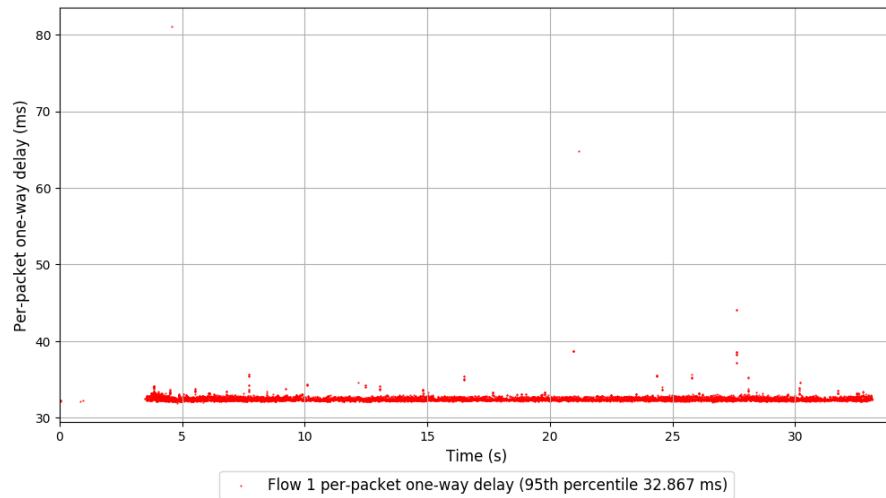
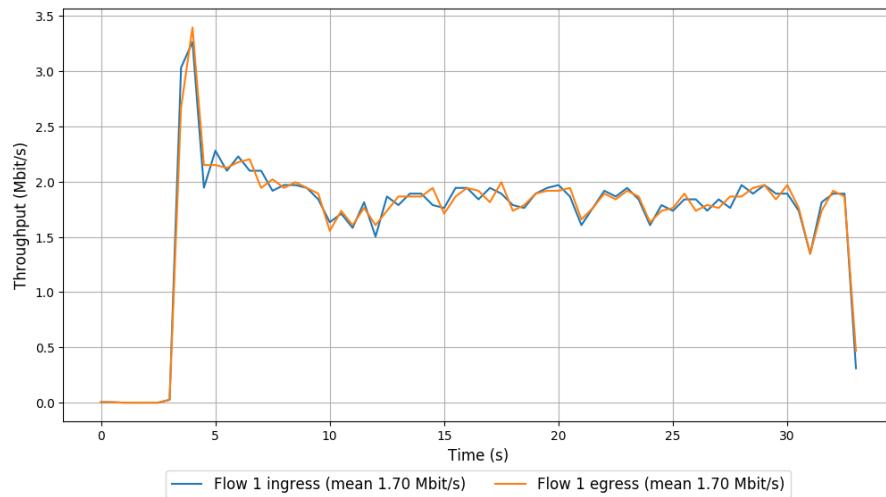


Run 5: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 18:48:37 +0000
End at: Fri, 23 Jun 2017 18:49:07 +0000
Local clock offset: 2.138 ms
Remote clock offset: -12.128 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 32.867 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 32.867 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

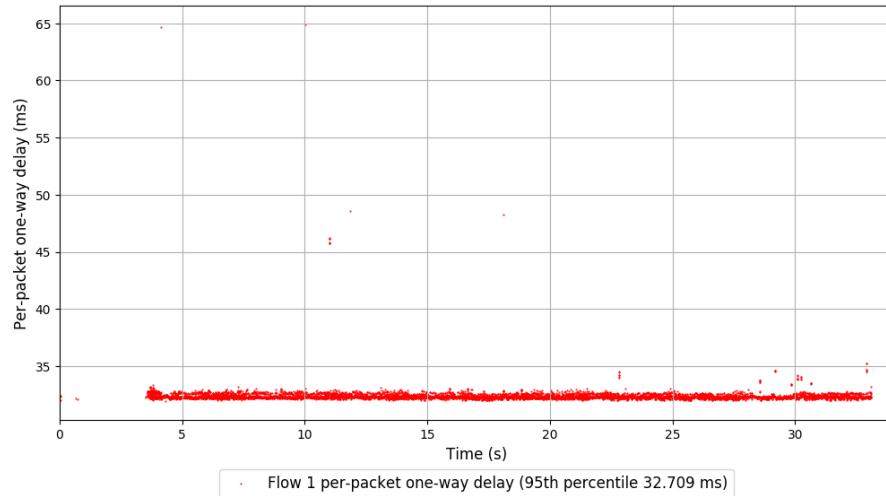
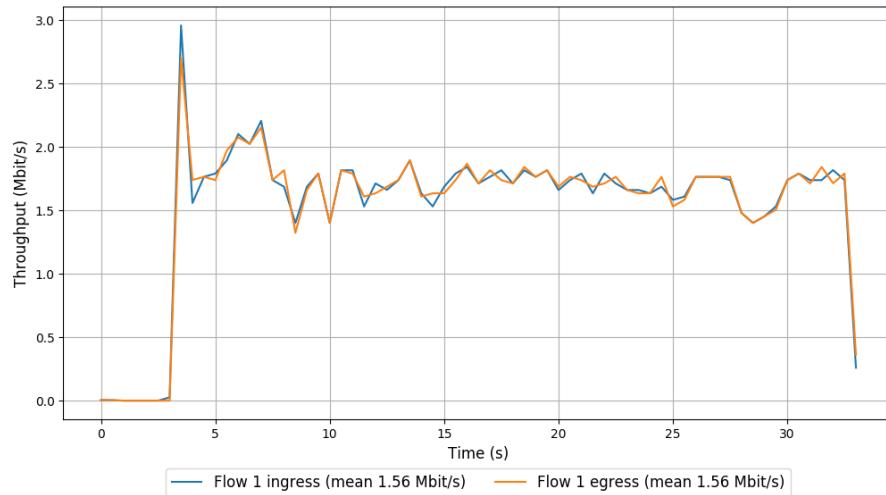


Run 6: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 19:07:42 +0000
End at: Fri, 23 Jun 2017 19:08:12 +0000
Local clock offset: 2.444 ms
Remote clock offset: -15.425 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 32.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 32.709 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

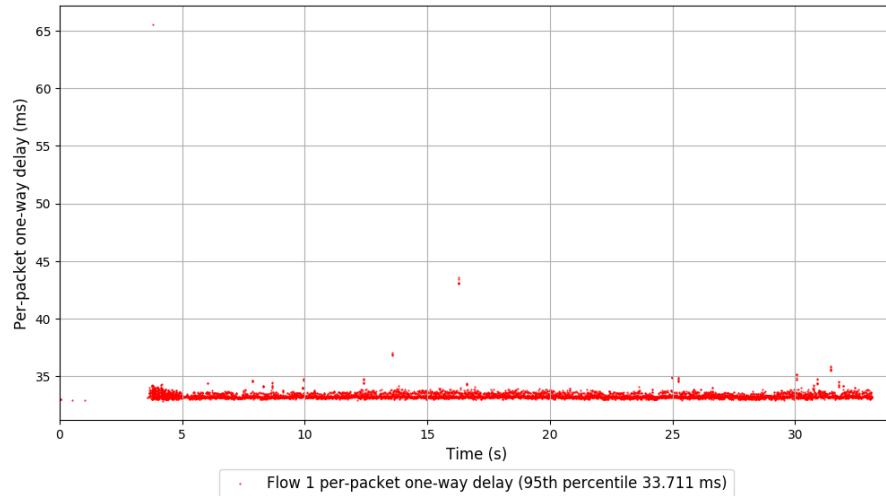
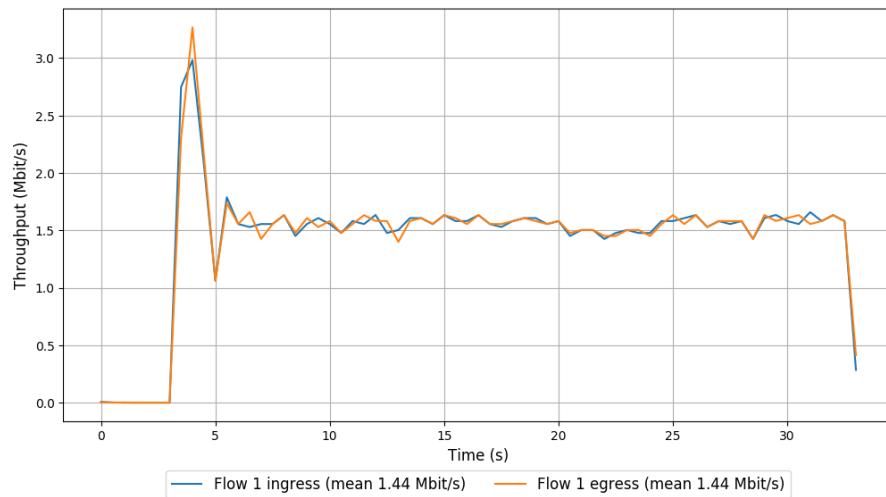


Run 7: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 19:26:37 +0000
End at: Fri, 23 Jun 2017 19:27:07 +0000
Local clock offset: 2.241 ms
Remote clock offset: -13.028 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 33.711 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 33.711 ms
Loss rate: 0.00%
```

## Run 7: Report of Copa — Data Link

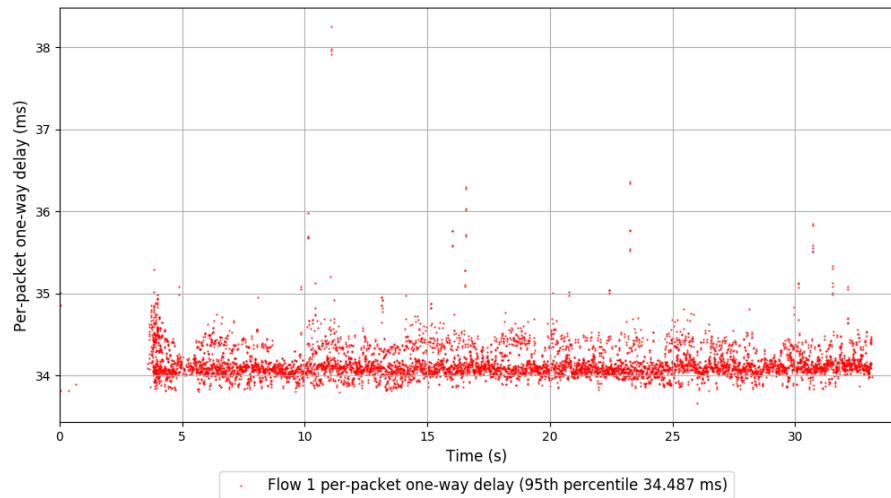
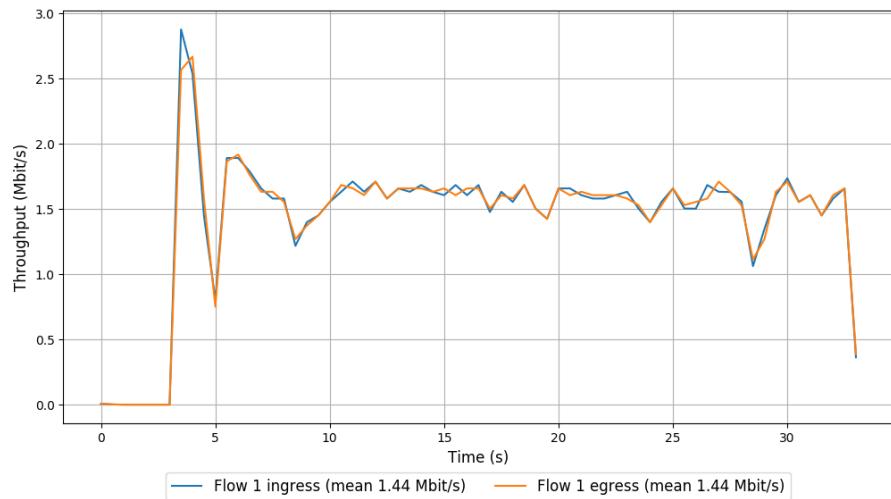


Run 8: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 19:45:20 +0000
End at: Fri, 23 Jun 2017 19:45:50 +0000
Local clock offset: 3.256 ms
Remote clock offset: -15.53 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 34.487 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 34.487 ms
Loss rate: 0.08%
```

## Run 8: Report of Copa — Data Link

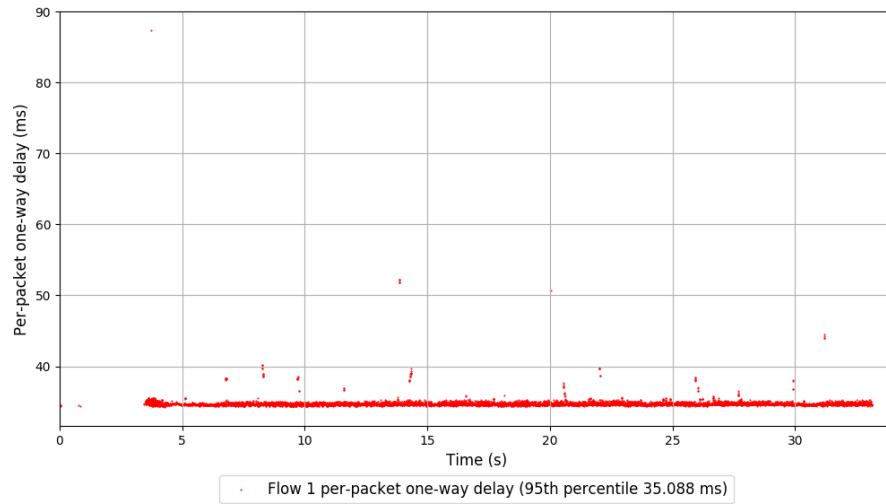
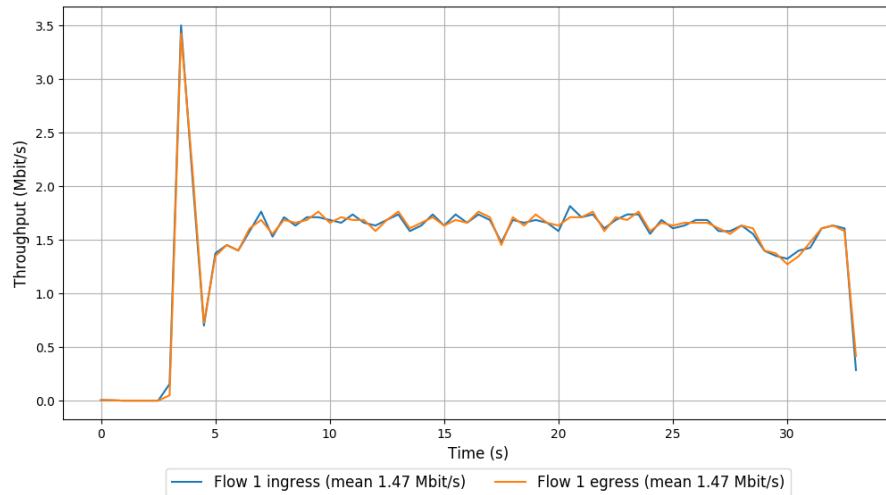


Run 9: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:04:42 +0000
End at: Fri, 23 Jun 2017 20:05:12 +0000
Local clock offset: 6.133 ms
Remote clock offset: -14.683 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 35.088 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 35.088 ms
Loss rate: 0.00%
```

## Run 9: Report of Copa — Data Link

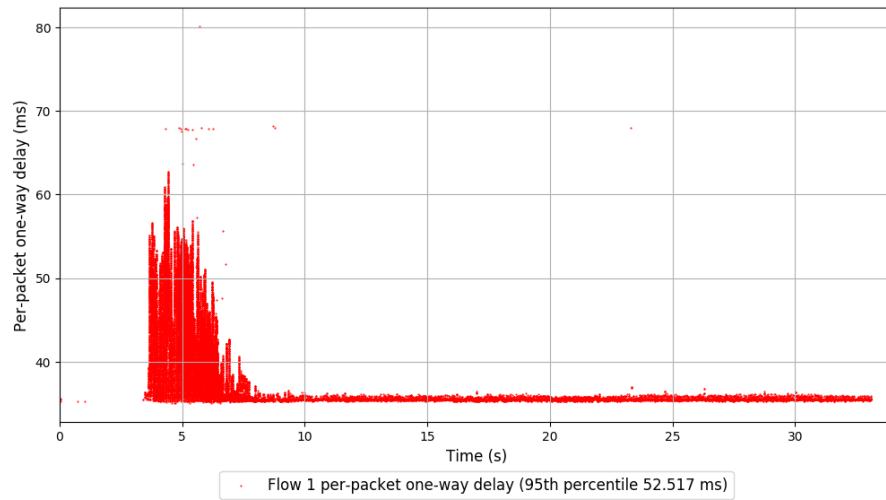
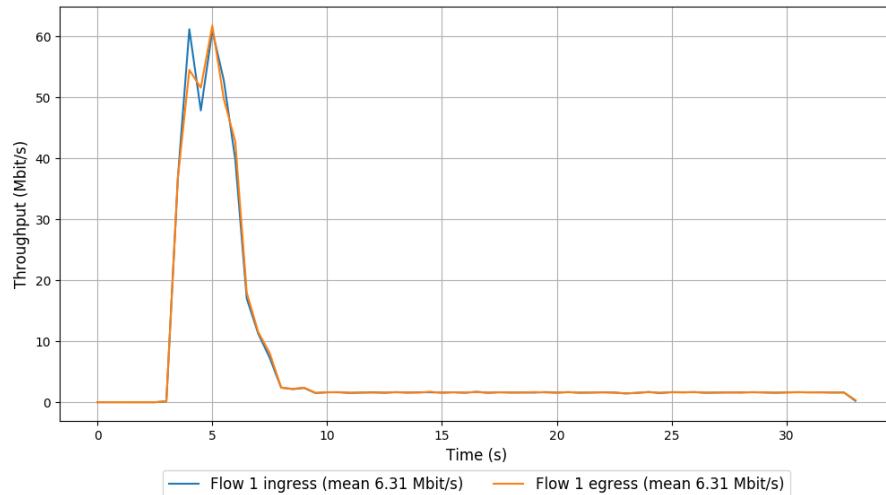


Run 10: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:23:46 +0000
End at: Fri, 23 Jun 2017 20:24:16 +0000
Local clock offset: -1.791 ms
Remote clock offset: -17.709 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:09:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 52.517 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 52.517 ms
Loss rate: 0.00%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Fri, 23 Jun 2017 17:22:51 +0000
```

```
End at: Fri, 23 Jun 2017 17:23:21 +0000
```

```
Local clock offset: 5.961 ms
```

```
Remote clock offset: -29.11 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:10:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 74.56 Mbit/s
```

```
95th percentile per-packet one-way delay: 66.701 ms
```

```
Loss rate: 0.28%
```

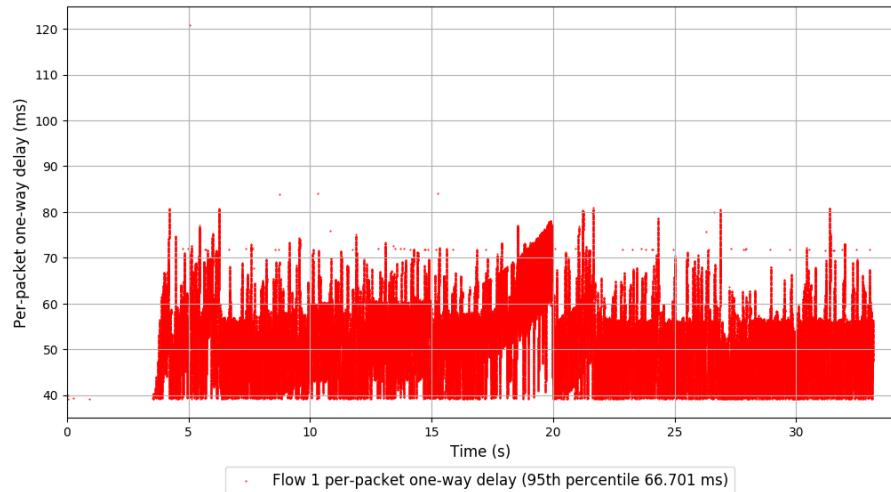
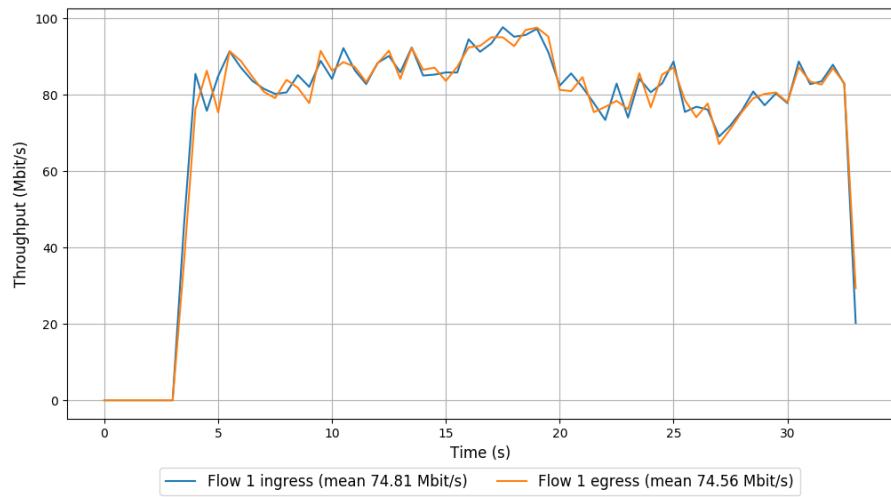
```
-- Flow 1:
```

```
Average throughput: 74.56 Mbit/s
```

```
95th percentile per-packet one-way delay: 66.701 ms
```

```
Loss rate: 0.28%
```

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

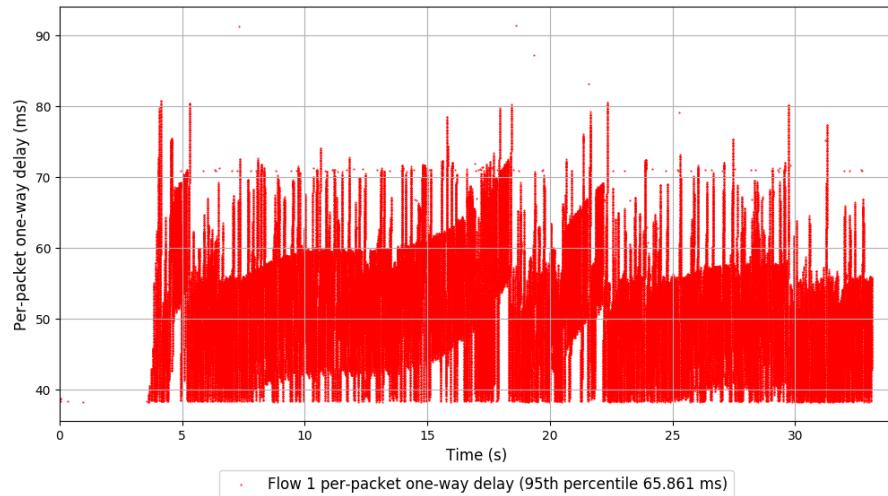
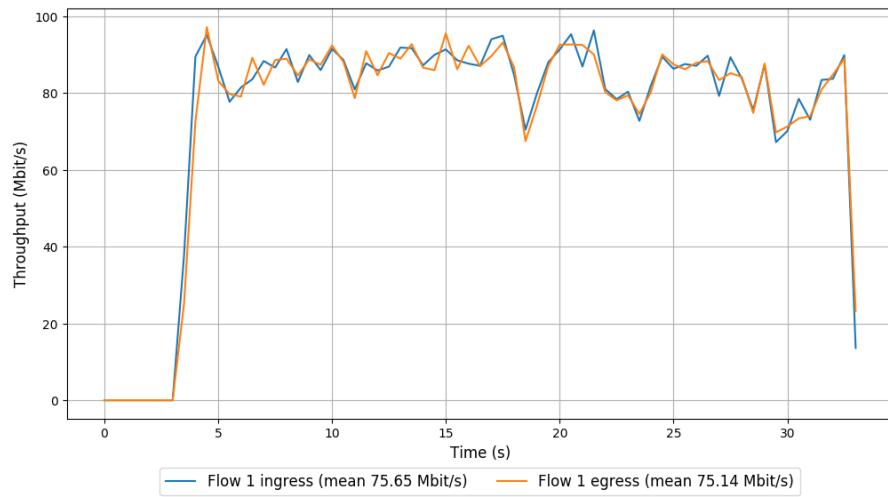


Run 2: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 17:41:59 +0000
End at: Fri, 23 Jun 2017 17:42:29 +0000
Local clock offset: 1.872 ms
Remote clock offset: -29.31 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:10:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.14 Mbit/s
95th percentile per-packet one-way delay: 65.861 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 75.14 Mbit/s
95th percentile per-packet one-way delay: 65.861 ms
Loss rate: 0.72%
```

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

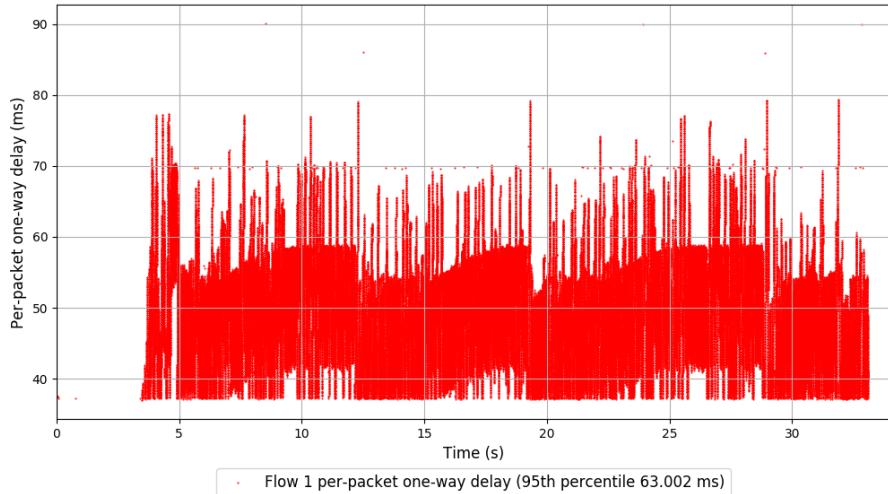
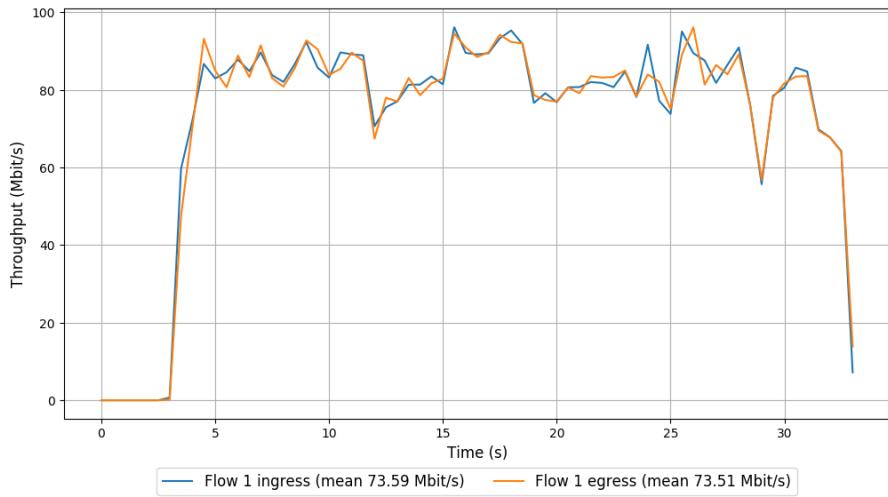


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 18:01:08 +0000
End at: Fri, 23 Jun 2017 18:01:38 +0000
Local clock offset: 7.363 ms
Remote clock offset: -25.006 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:11:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.51 Mbit/s
95th percentile per-packet one-way delay: 63.002 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 73.51 Mbit/s
95th percentile per-packet one-way delay: 63.002 ms
Loss rate: 0.26%
```

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

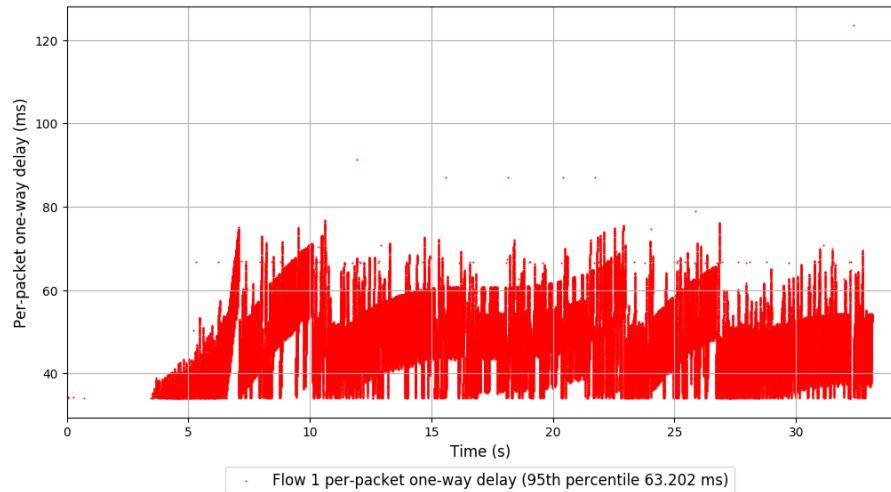
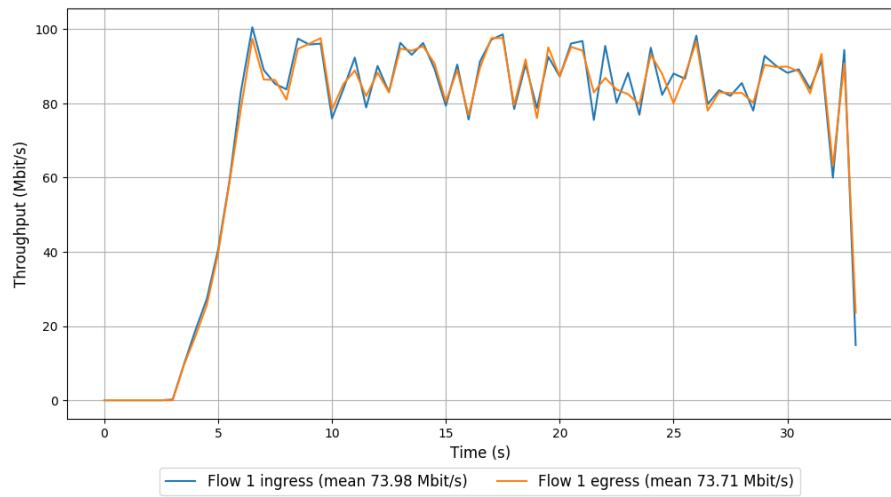


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 18:20:22 +0000
End at: Fri, 23 Jun 2017 18:20:52 +0000
Local clock offset: 3.509 ms
Remote clock offset: -26.781 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:11:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.71 Mbit/s
95th percentile per-packet one-way delay: 63.202 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 73.71 Mbit/s
95th percentile per-packet one-way delay: 63.202 ms
Loss rate: 0.41%
```

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

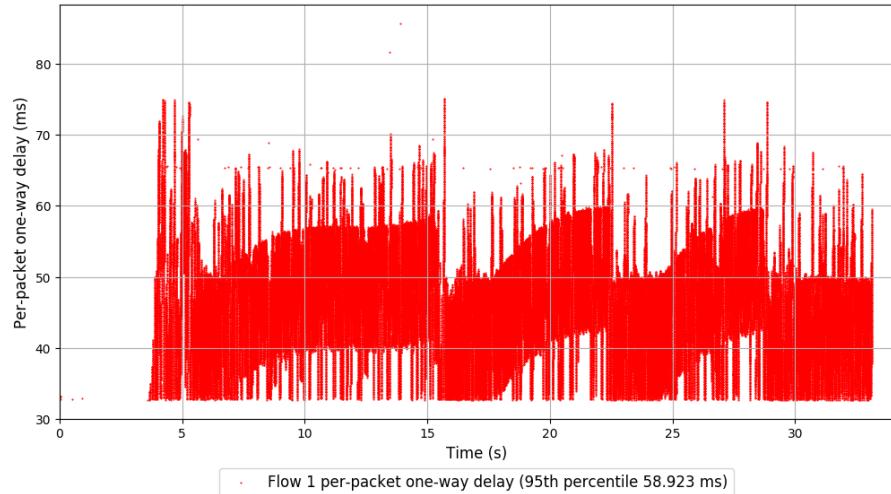
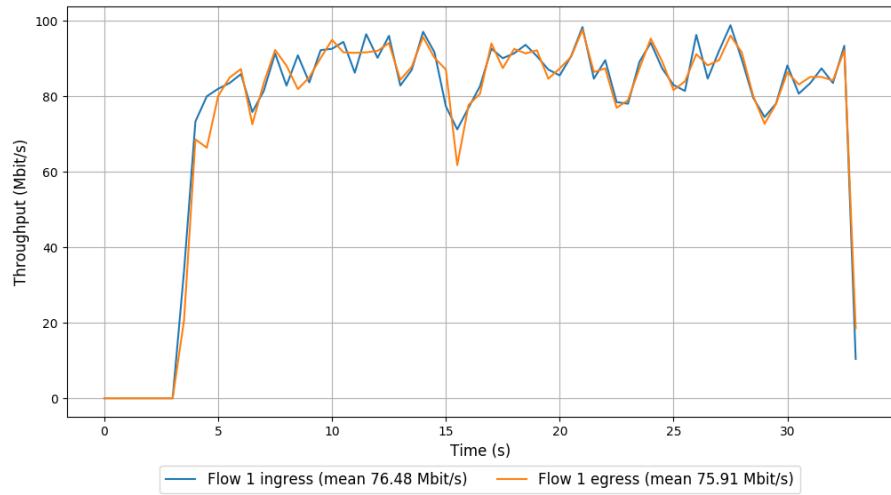


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 18:39:28 +0000
End at: Fri, 23 Jun 2017 18:39:58 +0000
Local clock offset: 2.618 ms
Remote clock offset: -13.232 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:12:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.91 Mbit/s
95th percentile per-packet one-way delay: 58.923 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 75.91 Mbit/s
95th percentile per-packet one-way delay: 58.923 ms
Loss rate: 0.71%
```

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

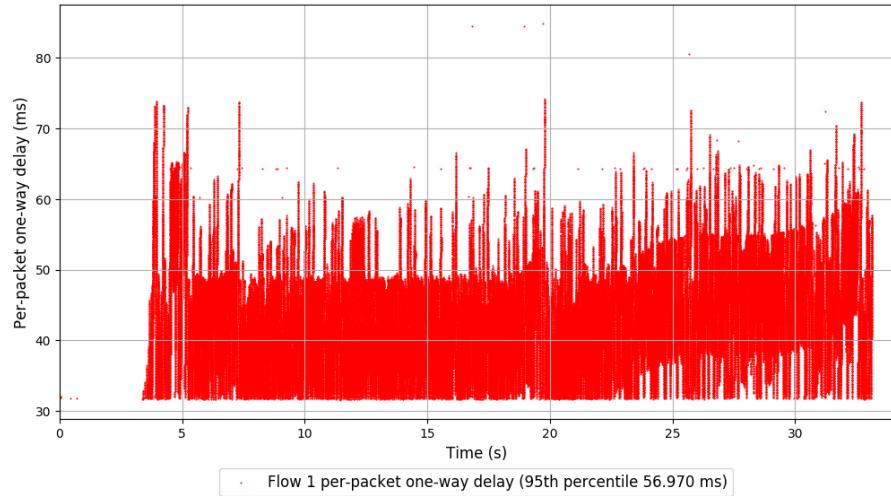
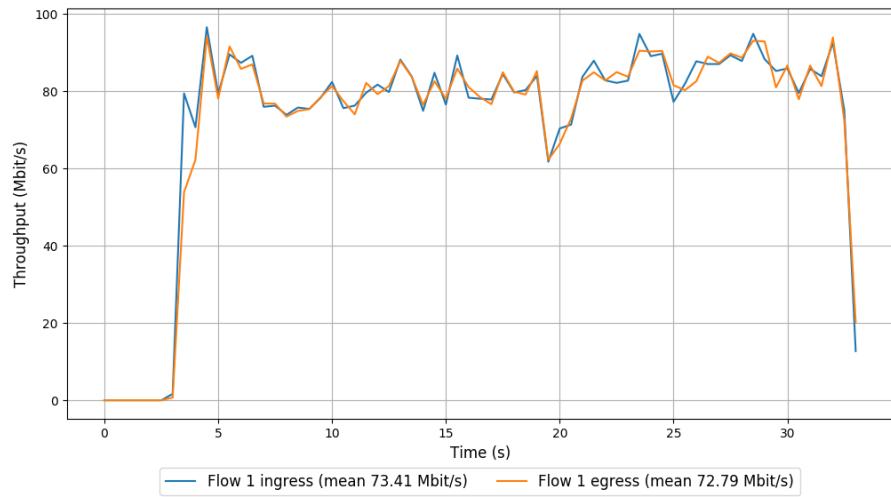


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 18:58:36 +0000
End at: Fri, 23 Jun 2017 18:59:06 +0000
Local clock offset: 4.635 ms
Remote clock offset: -15.174 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:12:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.79 Mbit/s
95th percentile per-packet one-way delay: 56.970 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 72.79 Mbit/s
95th percentile per-packet one-way delay: 56.970 ms
Loss rate: 0.86%
```

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



Run 7: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 19:17:42 +0000

End at: Fri, 23 Jun 2017 19:18:12 +0000

Local clock offset: 0.72 ms

Remote clock offset: -13.66 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:12:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.38 Mbit/s

95th percentile per-packet one-way delay: 58.479 ms

Loss rate: 0.47%

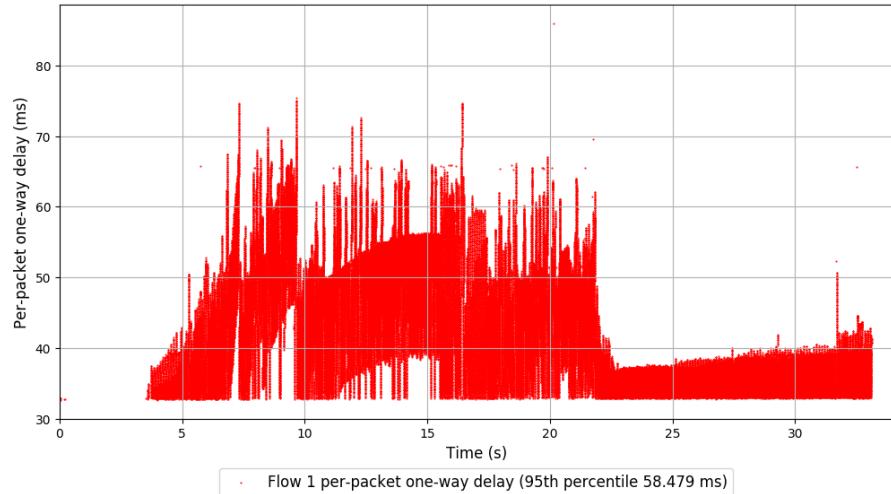
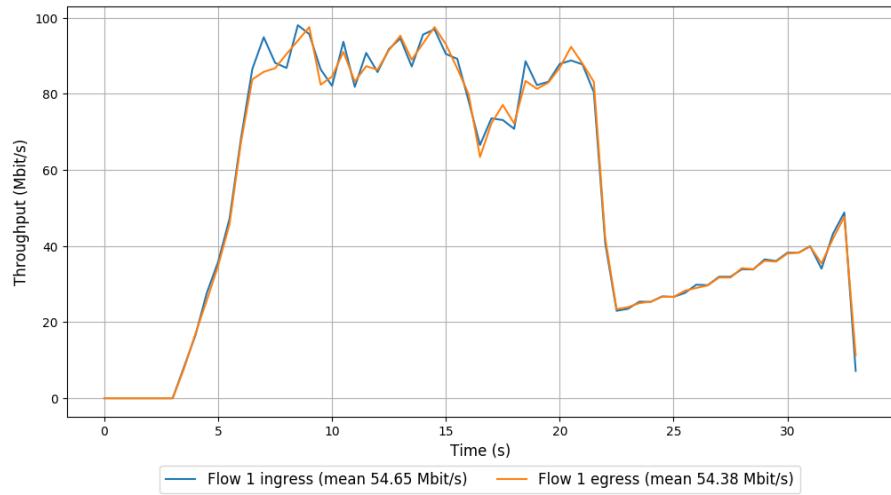
-- Flow 1:

Average throughput: 54.38 Mbit/s

95th percentile per-packet one-way delay: 58.479 ms

Loss rate: 0.47%

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

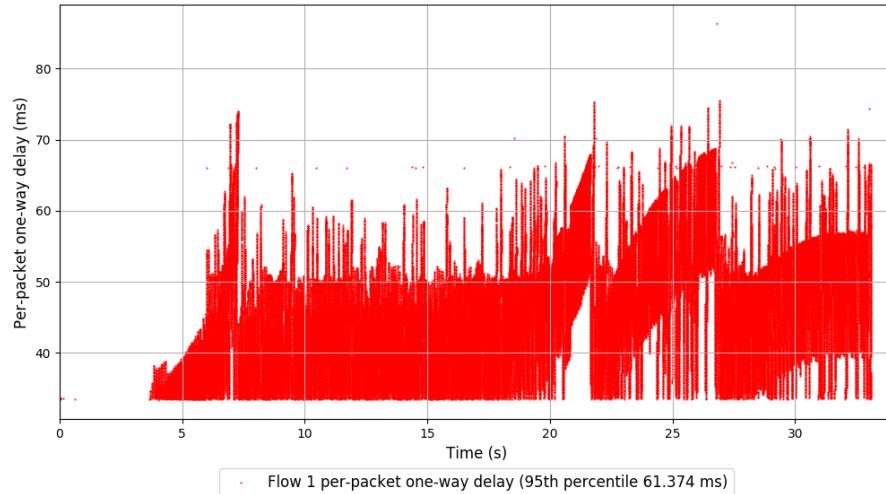
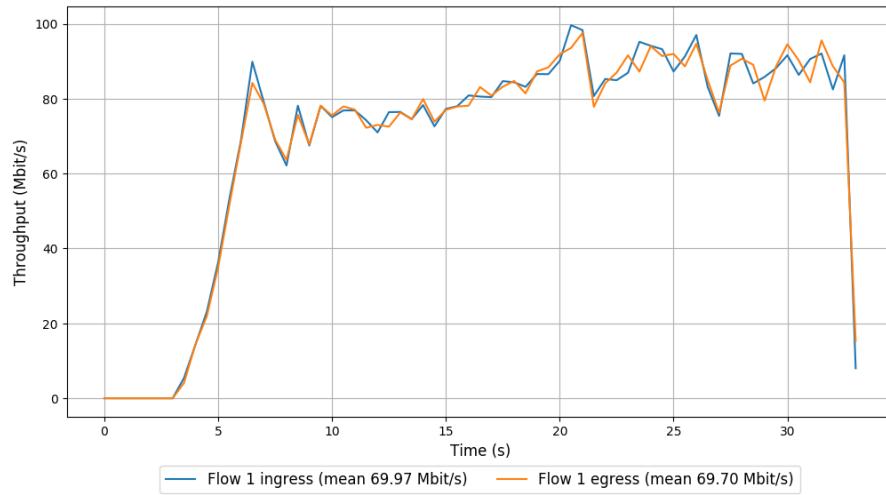


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 19:36:22 +0000
End at: Fri, 23 Jun 2017 19:36:52 +0000
Local clock offset: 2.957 ms
Remote clock offset: -16.391 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:12:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 61.374 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 61.374 ms
Loss rate: 0.38%
```

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

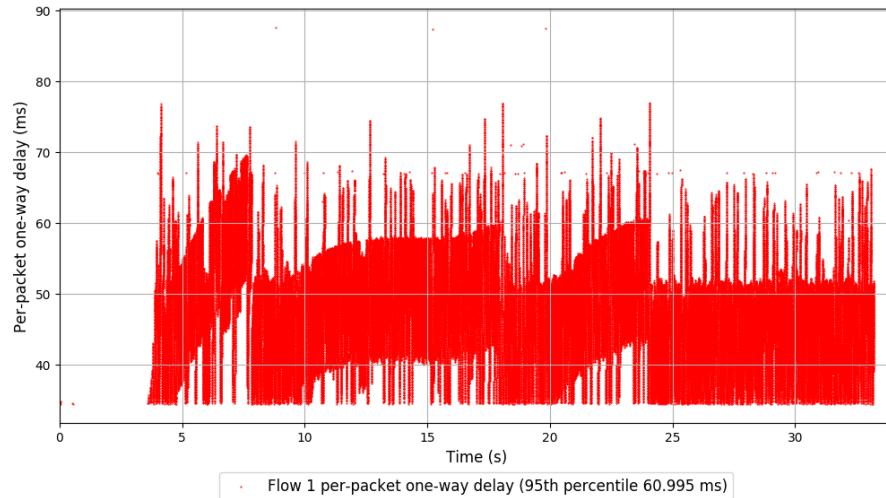
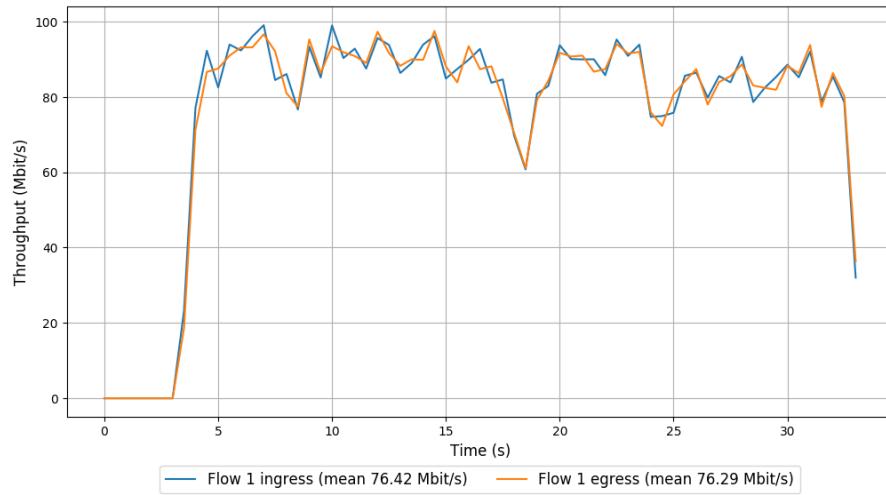


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 19:55:34 +0000
End at: Fri, 23 Jun 2017 19:56:04 +0000
Local clock offset: 6.525 ms
Remote clock offset: -15.089 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:13:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.29 Mbit/s
95th percentile per-packet one-way delay: 60.995 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 76.29 Mbit/s
95th percentile per-packet one-way delay: 60.995 ms
Loss rate: 0.29%
```

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



```
Run 10: Statistics of TCP Cubic
```

```
Start at: Fri, 23 Jun 2017 20:14:40 +0000
```

```
End at: Fri, 23 Jun 2017 20:15:10 +0000
```

```
Local clock offset: 6.763 ms
```

```
Remote clock offset: -17.001 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:13:57 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 72.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.264 ms
```

```
Loss rate: 0.30%
```

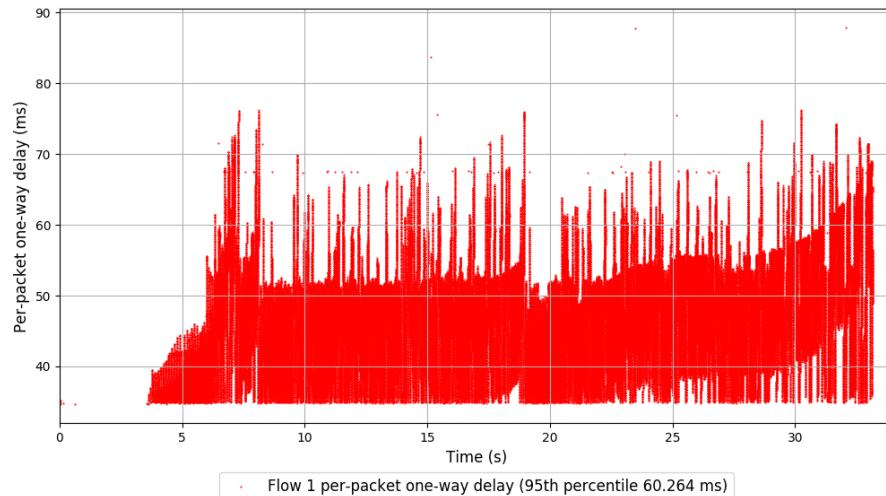
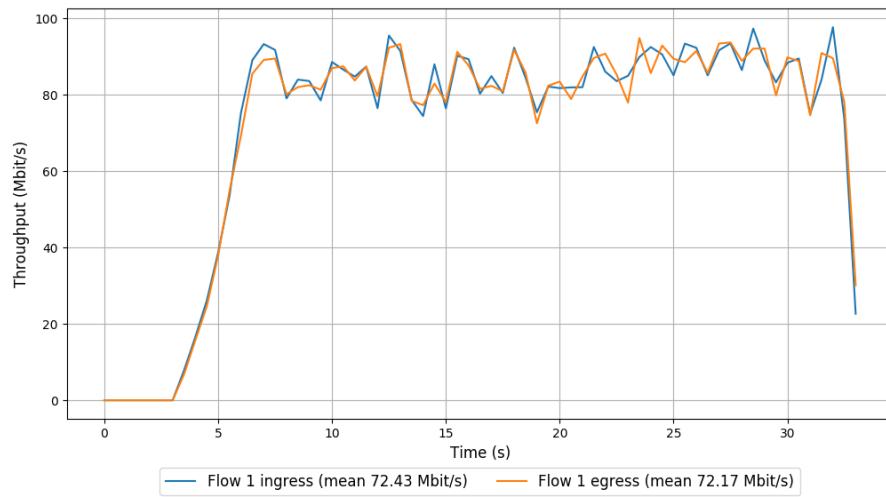
```
-- Flow 1:
```

```
Average throughput: 72.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.264 ms
```

```
Loss rate: 0.30%
```

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



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

```
Start at: Fri, 23 Jun 2017 17:19:06 +0000
```

```
End at: Fri, 23 Jun 2017 17:19:37 +0000
```

```
Local clock offset: 10.247 ms
```

```
Remote clock offset: -28.45 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:13:57 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 19.38 Mbit/s
```

```
95th percentile per-packet one-way delay: 45.193 ms
```

```
Loss rate: 0.00%
```

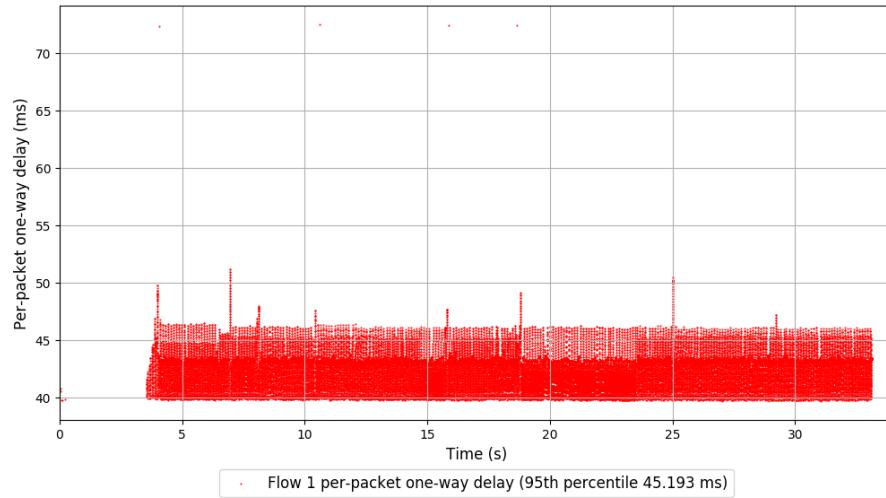
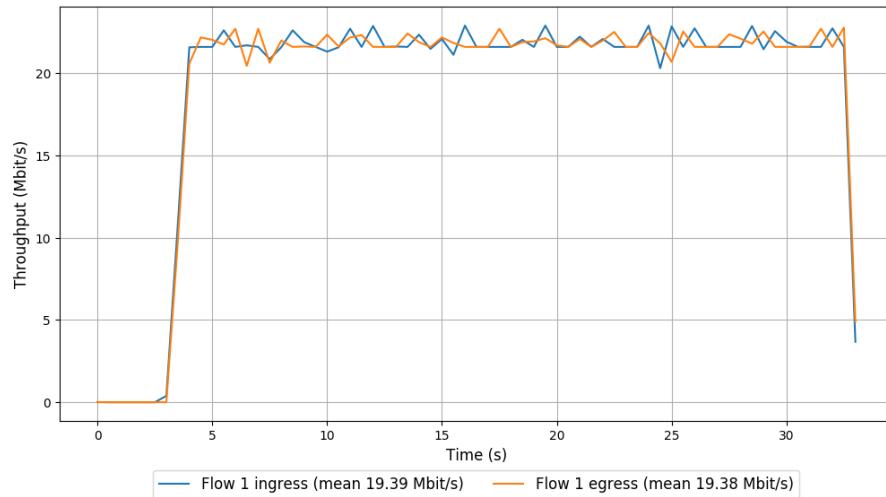
```
-- Flow 1:
```

```
Average throughput: 19.38 Mbit/s
```

```
95th percentile per-packet one-way delay: 45.193 ms
```

```
Loss rate: 0.00%
```

## Run 1: Report of KohoCC — Data Link

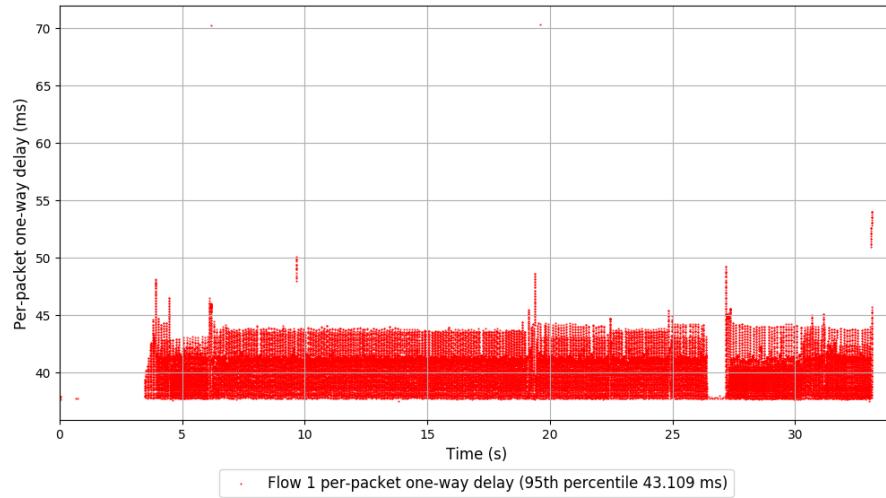
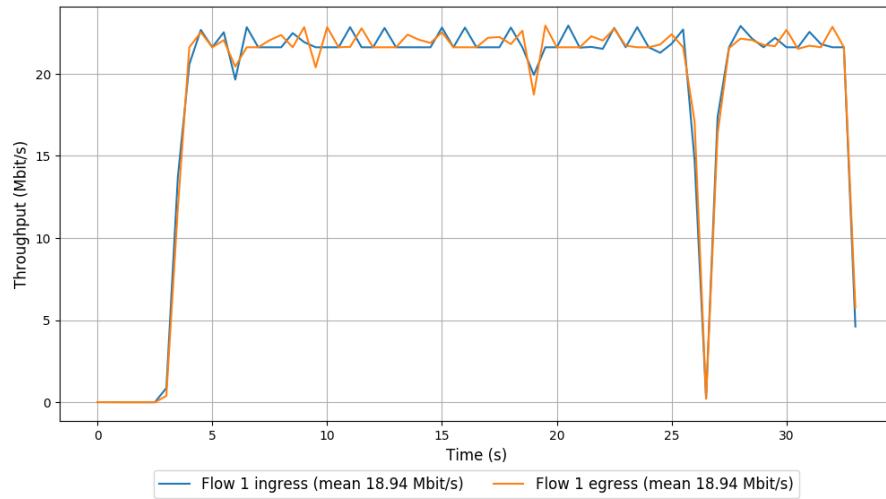


Run 2: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 17:38:20 +0000
End at: Fri, 23 Jun 2017 17:38:50 +0000
Local clock offset: 7.523 ms
Remote clock offset: -27.269 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:14:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 43.109 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 43.109 ms
Loss rate: 0.00%
```

## Run 2: Report of KohoCC — Data Link

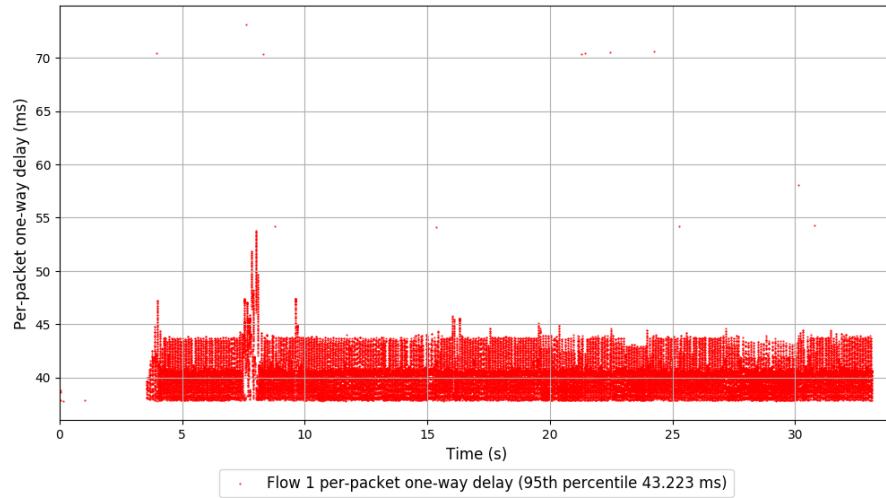
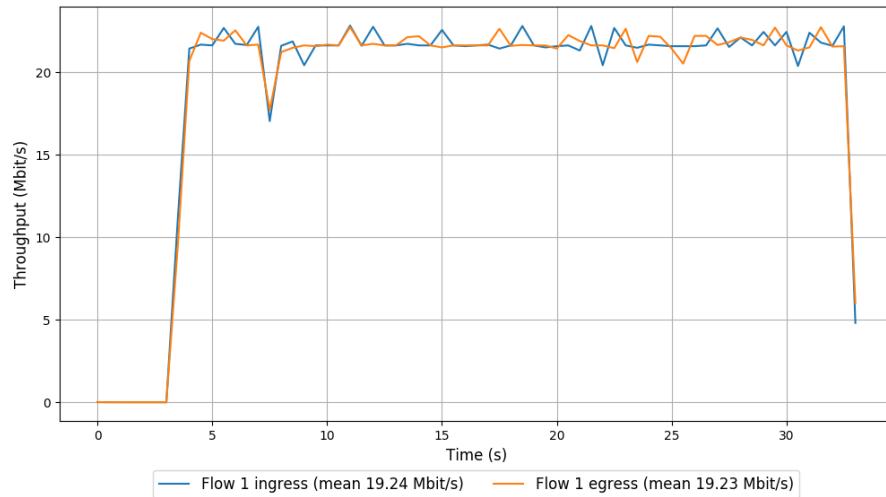


Run 3: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 17:57:23 +0000
End at: Fri, 23 Jun 2017 17:57:53 +0000
Local clock offset: 3.883 ms
Remote clock offset: -23.808 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:14:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.23 Mbit/s
95th percentile per-packet one-way delay: 43.223 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 19.23 Mbit/s
95th percentile per-packet one-way delay: 43.223 ms
Loss rate: 0.09%
```

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

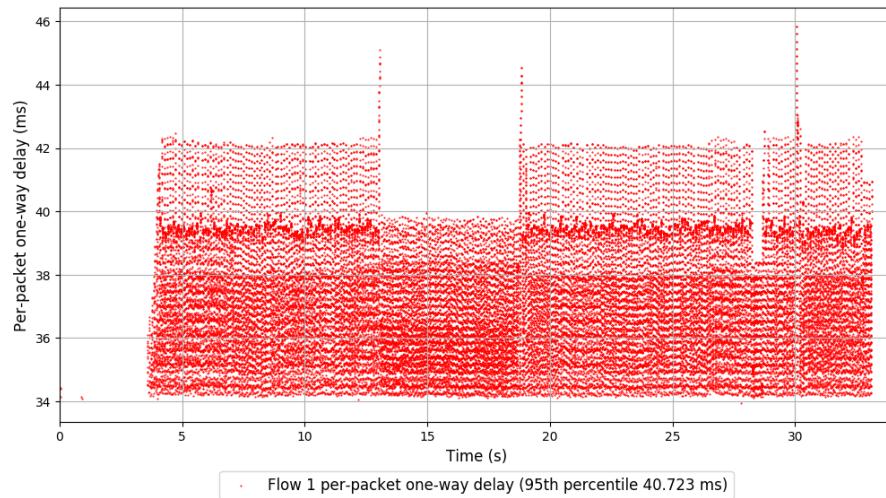
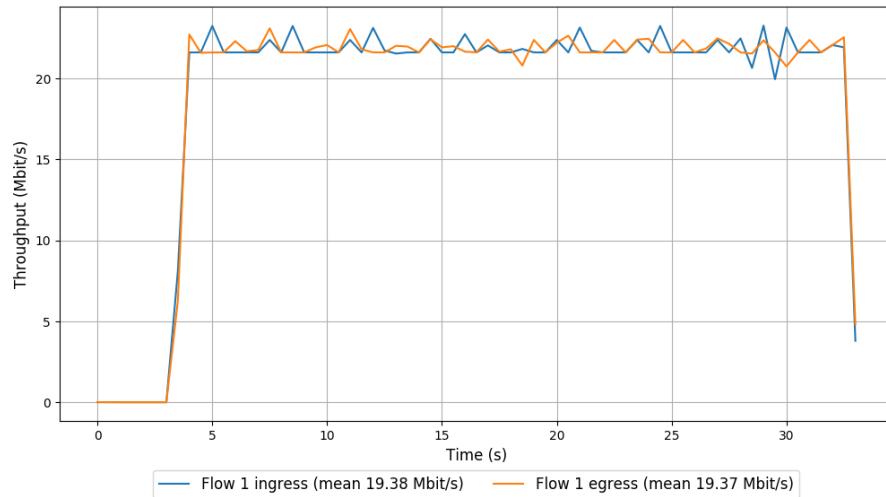


Run 4: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 18:16:34 +0000
End at: Fri, 23 Jun 2017 18:17:04 +0000
Local clock offset: 3.283 ms
Remote clock offset: -28.219 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:14:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.37 Mbit/s
95th percentile per-packet one-way delay: 40.723 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.37 Mbit/s
95th percentile per-packet one-way delay: 40.723 ms
Loss rate: 0.00%
```

## Run 4: Report of KohoCC — Data Link

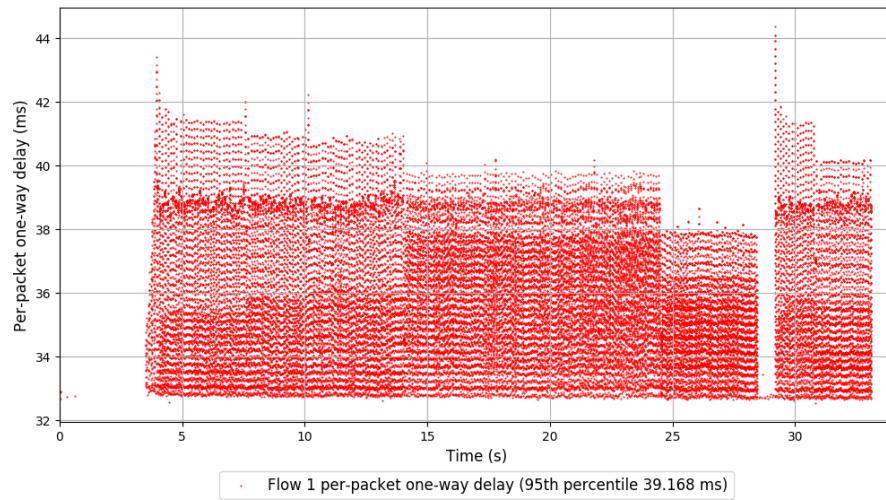
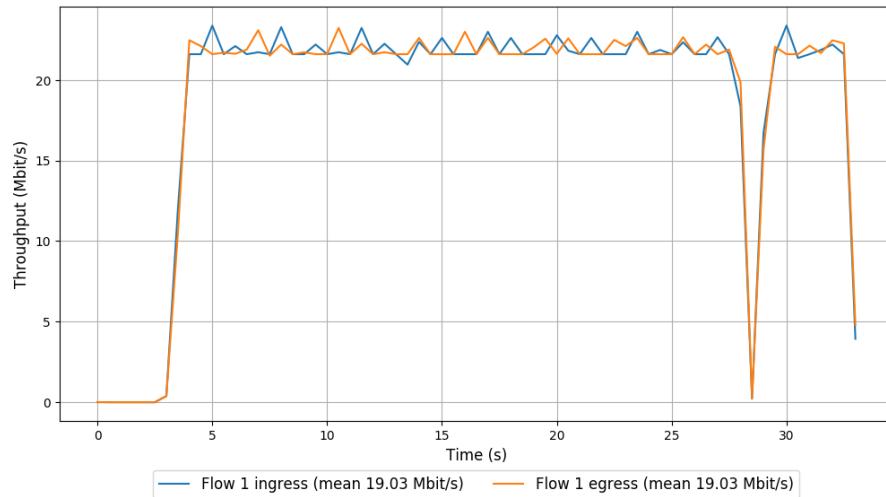


Run 5: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 18:35:53 +0000
End at: Fri, 23 Jun 2017 18:36:23 +0000
Local clock offset: 3.967 ms
Remote clock offset: -26.513 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:14:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.03 Mbit/s
95th percentile per-packet one-way delay: 39.168 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.03 Mbit/s
95th percentile per-packet one-way delay: 39.168 ms
Loss rate: 0.00%
```

## Run 5: Report of KohoCC — Data Link

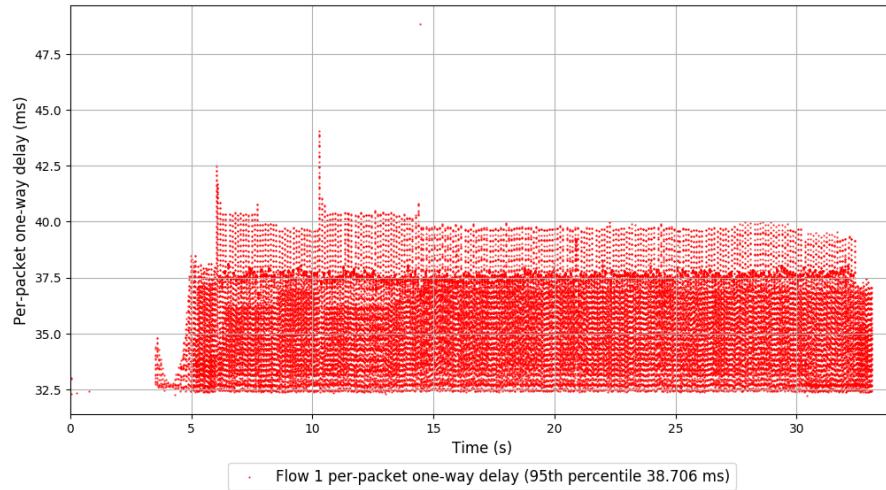
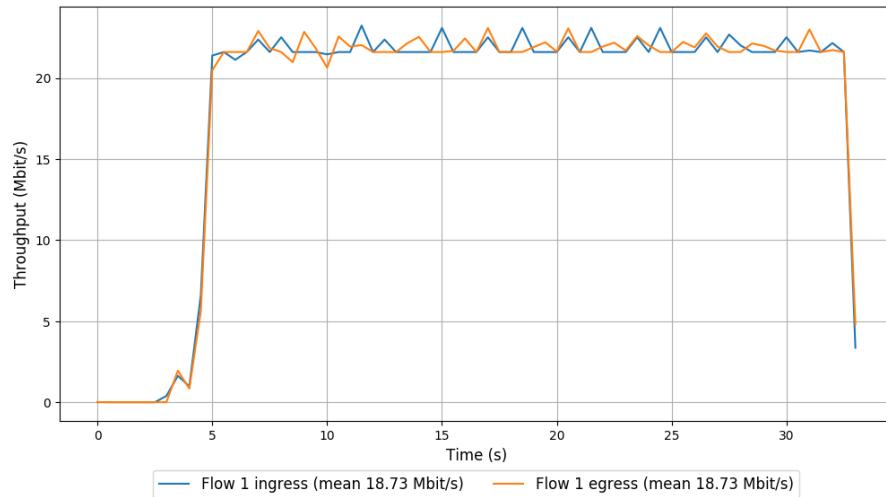


Run 6: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 18:54:50 +0000
End at: Fri, 23 Jun 2017 18:55:20 +0000
Local clock offset: -0.616 ms
Remote clock offset: -13.326 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:14:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 38.706 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 38.706 ms
Loss rate: 0.00%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 19:13:59 +0000

End at: Fri, 23 Jun 2017 19:14:29 +0000

Local clock offset: -0.381 ms

Remote clock offset: -13.454 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:15:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 19.48 Mbit/s

95th percentile per-packet one-way delay: 37.959 ms

Loss rate: 0.00%

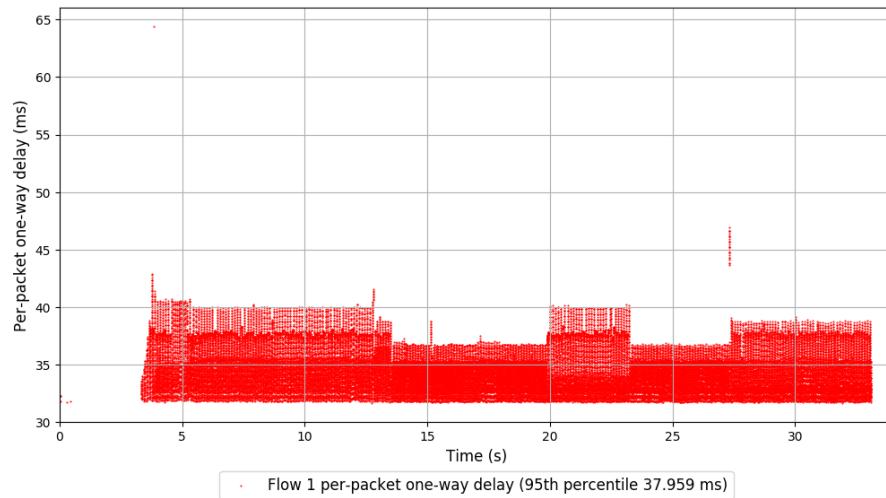
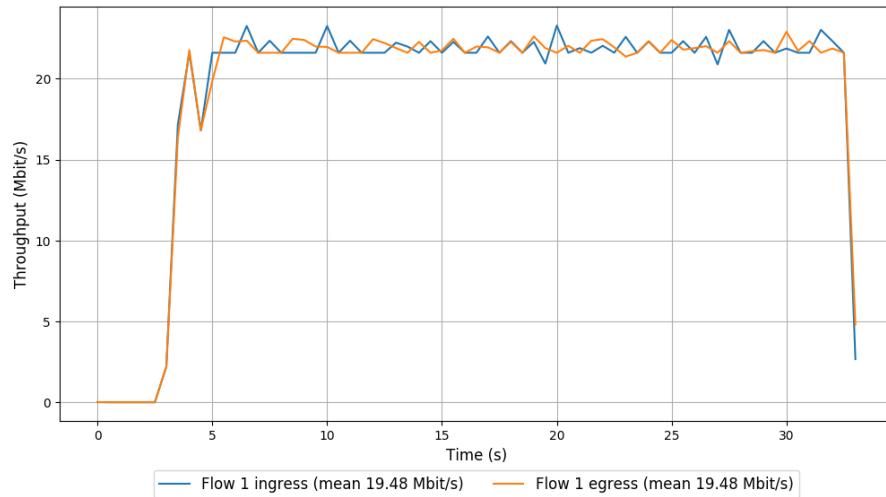
-- Flow 1:

Average throughput: 19.48 Mbit/s

95th percentile per-packet one-way delay: 37.959 ms

Loss rate: 0.00%

## Run 7: Report of KohoCC — Data Link

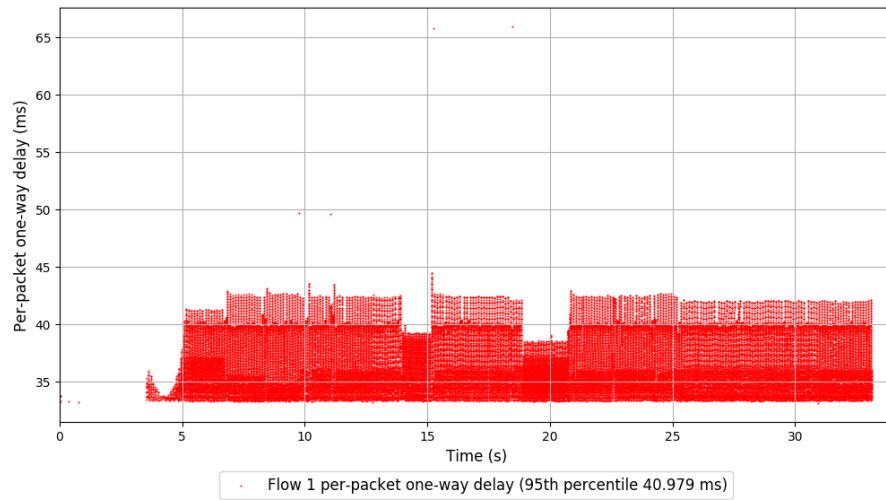
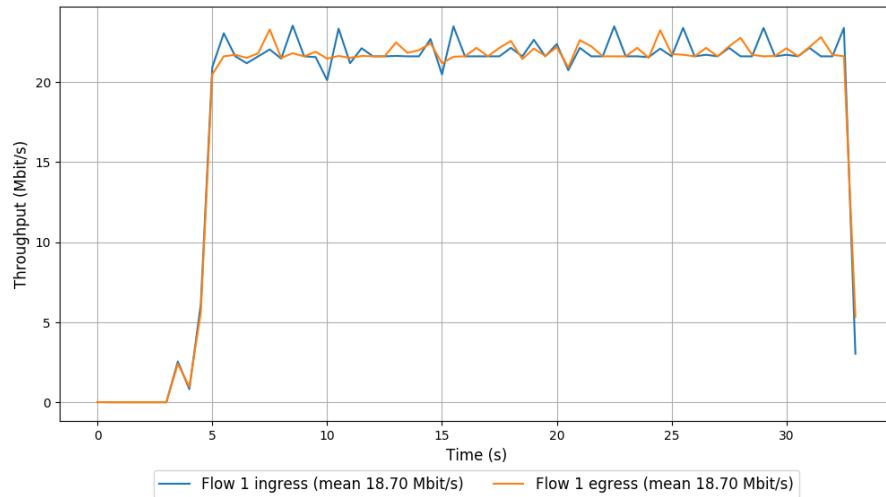


Run 8: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 19:32:45 +0000
End at: Fri, 23 Jun 2017 19:33:15 +0000
Local clock offset: 6.479 ms
Remote clock offset: -14.08 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:15:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.70 Mbit/s
95th percentile per-packet one-way delay: 40.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.70 Mbit/s
95th percentile per-packet one-way delay: 40.979 ms
Loss rate: 0.00%
```

## Run 8: Report of KohoCC — Data Link

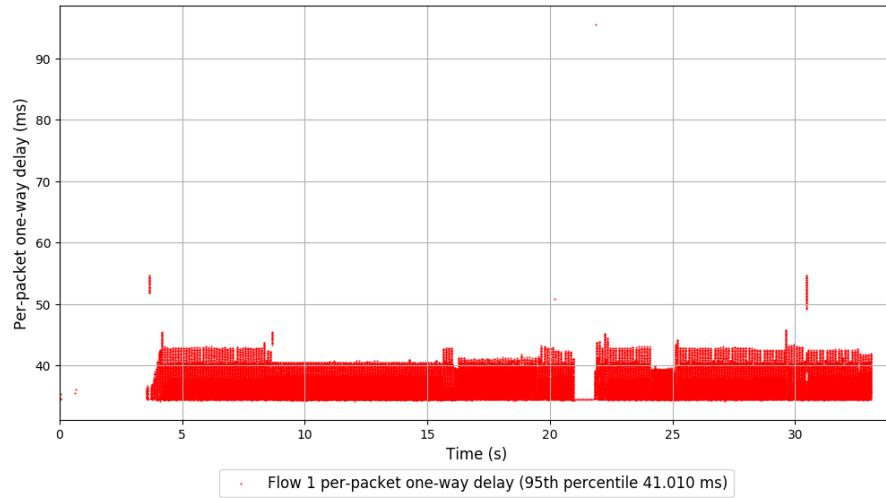
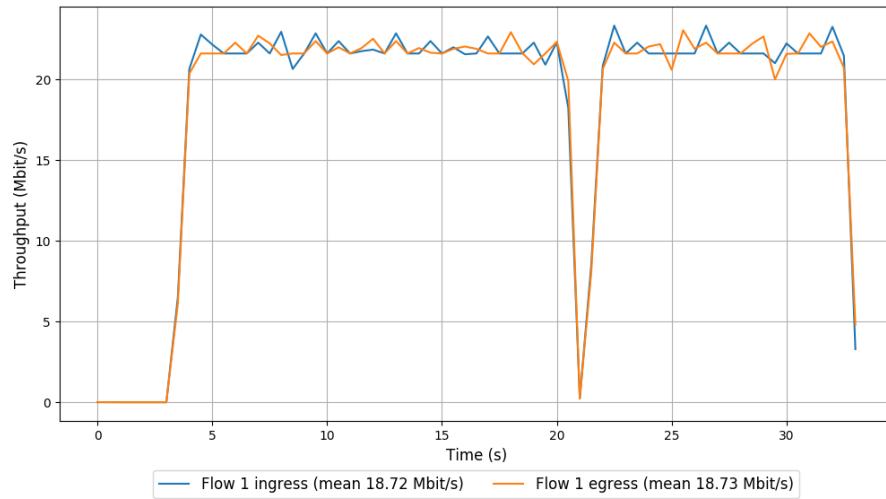


Run 9: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 19:51:44 +0000
End at: Fri, 23 Jun 2017 19:52:14 +0000
Local clock offset: 3.184 ms
Remote clock offset: -14.246 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:15:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 41.010 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 41.010 ms
Loss rate: 0.07%
```

## Run 9: Report of KohoCC — Data Link

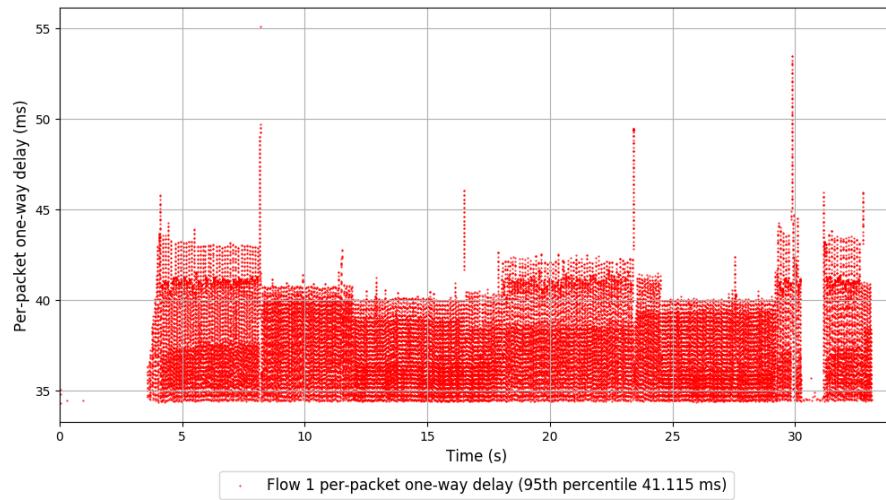
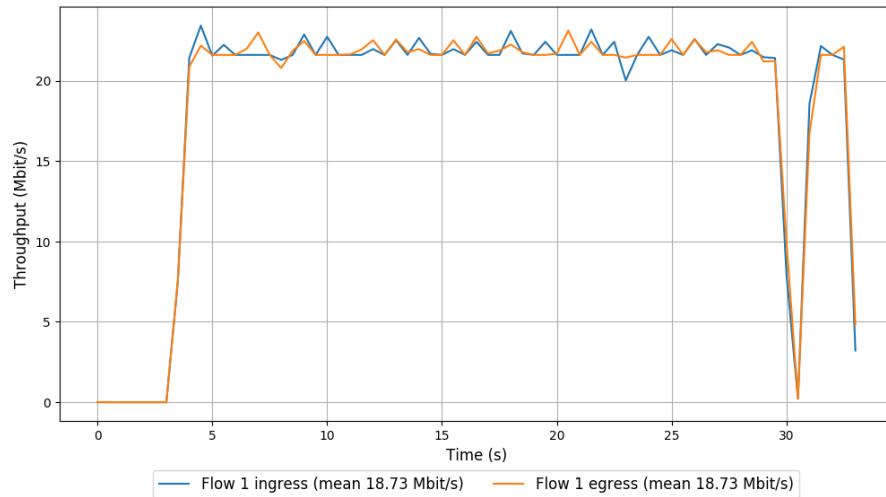


Run 10: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 20:10:54 +0000
End at: Fri, 23 Jun 2017 20:11:24 +0000
Local clock offset: 2.251 ms
Remote clock offset: -15.275 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:15:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 41.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 41.115 ms
Loss rate: 0.00%
```

## Run 10: Report of KohoCC — Data Link

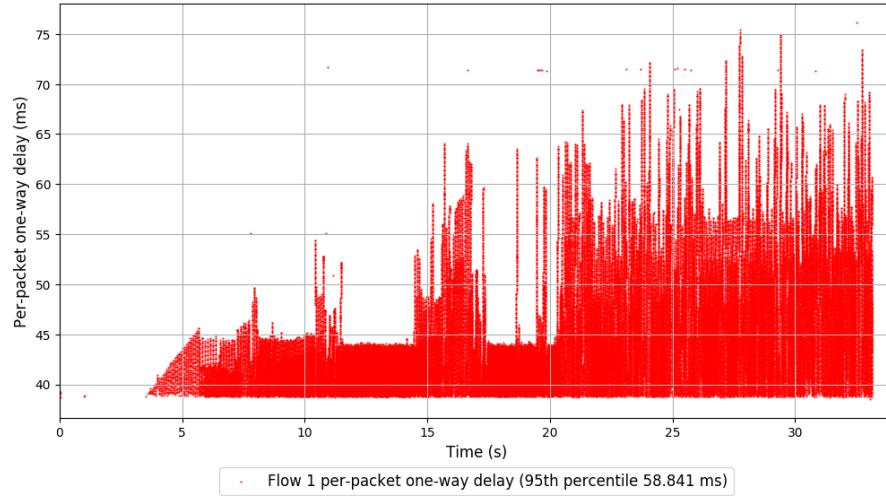
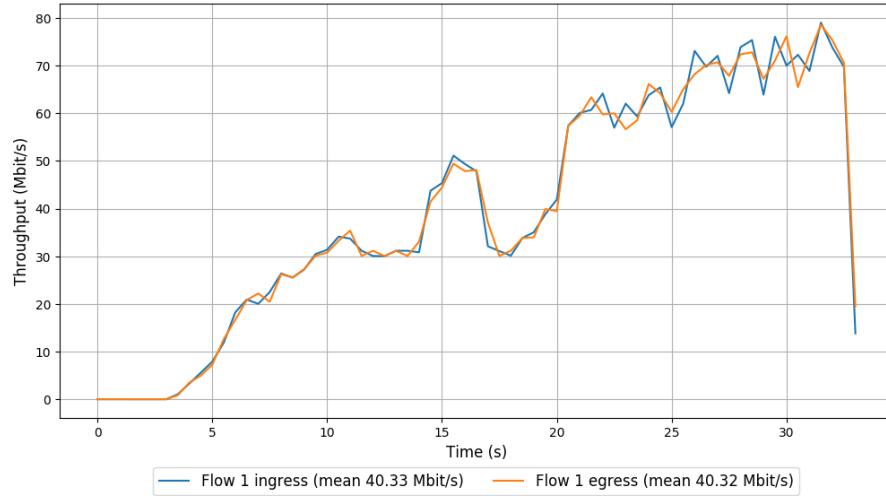


```
Run 1: Statistics of LEDBAT
```

```
Start at: Fri, 23 Jun 2017 17:30:33 +0000
End at: Fri, 23 Jun 2017 17:31:03 +0000
Local clock offset: 6.913 ms
Remote clock offset: -29.608 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:15:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 58.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 58.841 ms
Loss rate: 0.00%
```

## Run 1: Report of LEDBAT — Data Link

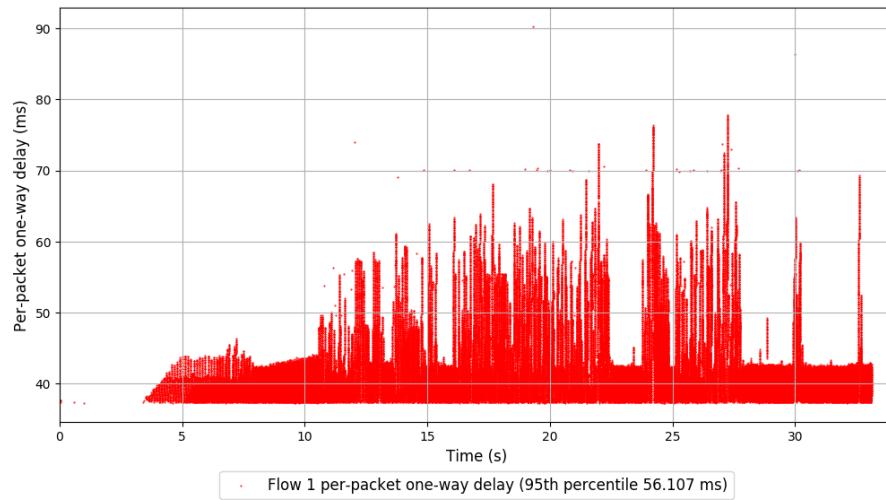
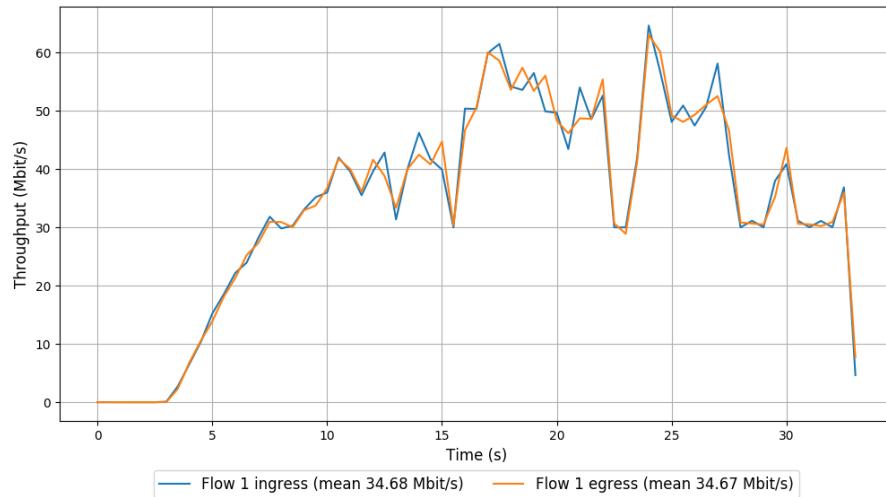


Run 2: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 17:49:36 +0000
End at: Fri, 23 Jun 2017 17:50:06 +0000
Local clock offset: 7.505 ms
Remote clock offset: -31.113 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:15:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.67 Mbit/s
95th percentile per-packet one-way delay: 56.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.67 Mbit/s
95th percentile per-packet one-way delay: 56.107 ms
Loss rate: 0.00%
```

## Run 2: Report of LEDBAT — Data Link

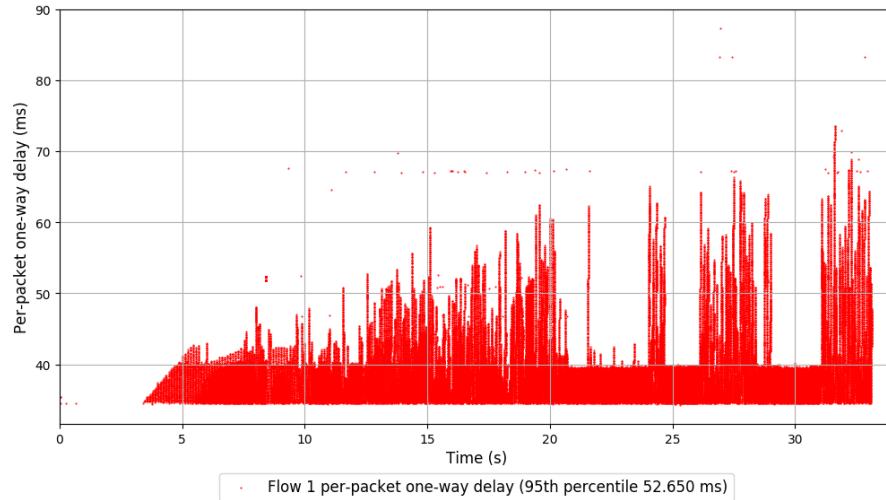
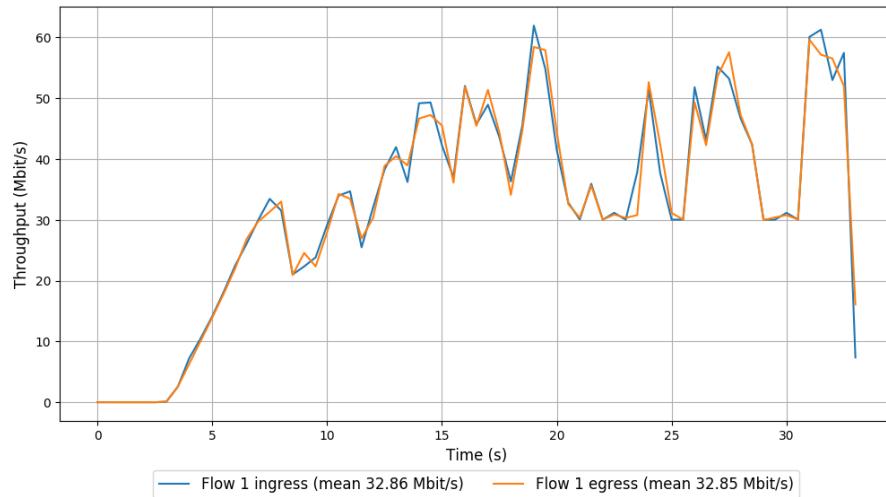


Run 3: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 18:08:50 +0000
End at: Fri, 23 Jun 2017 18:09:20 +0000
Local clock offset: 3.771 ms
Remote clock offset: -27.838 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:16:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.85 Mbit/s
95th percentile per-packet one-way delay: 52.650 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 32.85 Mbit/s
95th percentile per-packet one-way delay: 52.650 ms
Loss rate: 0.01%
```

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

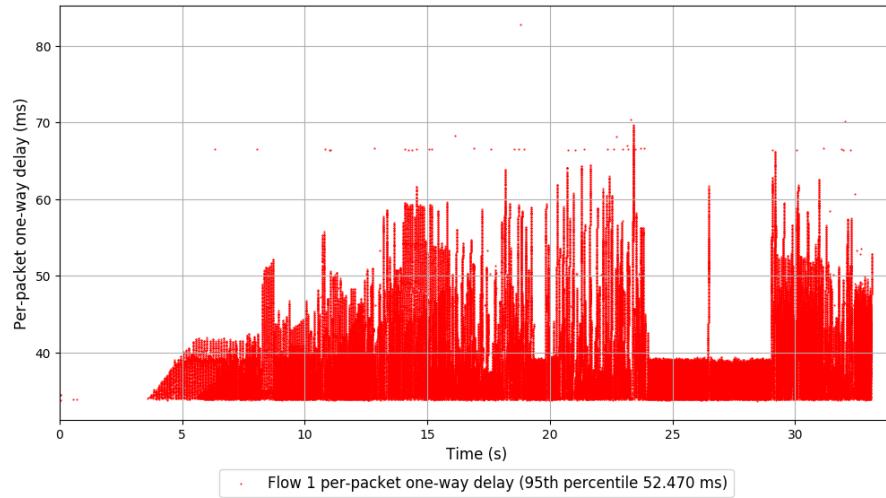
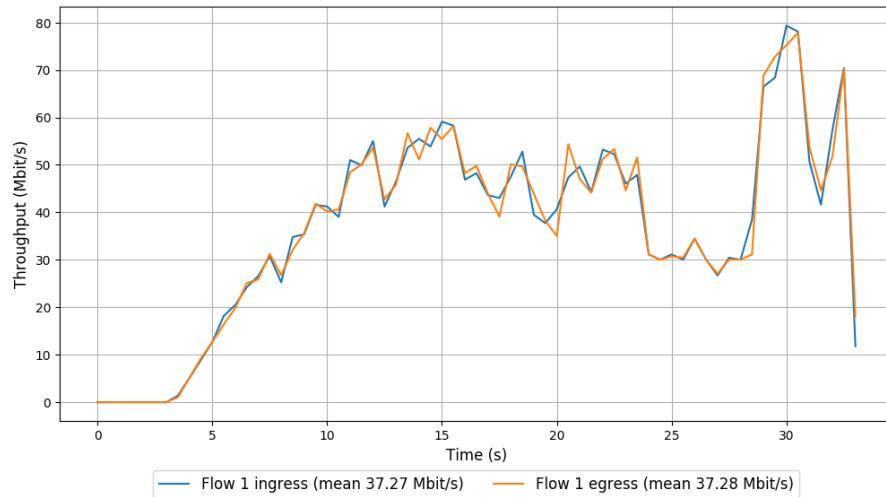


Run 4: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 18:28:07 +0000
End at: Fri, 23 Jun 2017 18:28:37 +0000
Local clock offset: 2.628 ms
Remote clock offset: -24.696 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:16:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 52.470 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 52.470 ms
Loss rate: 0.02%
```

## Run 4: Report of LEDBAT — Data Link

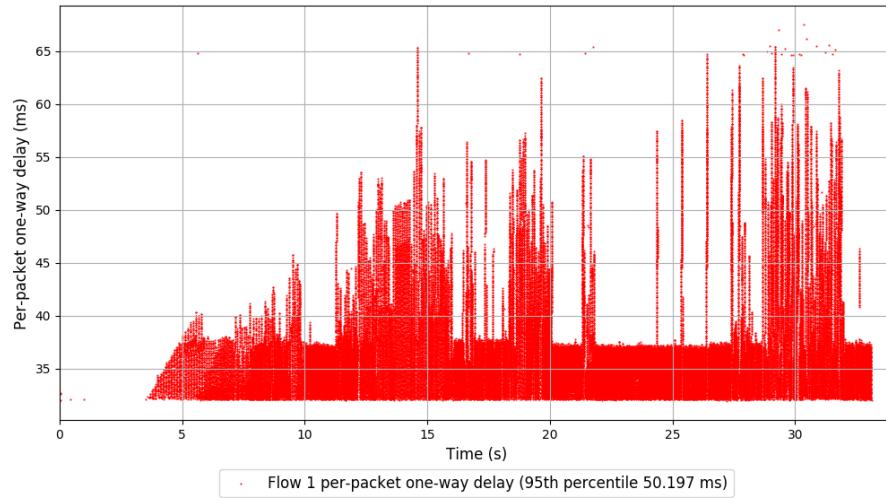
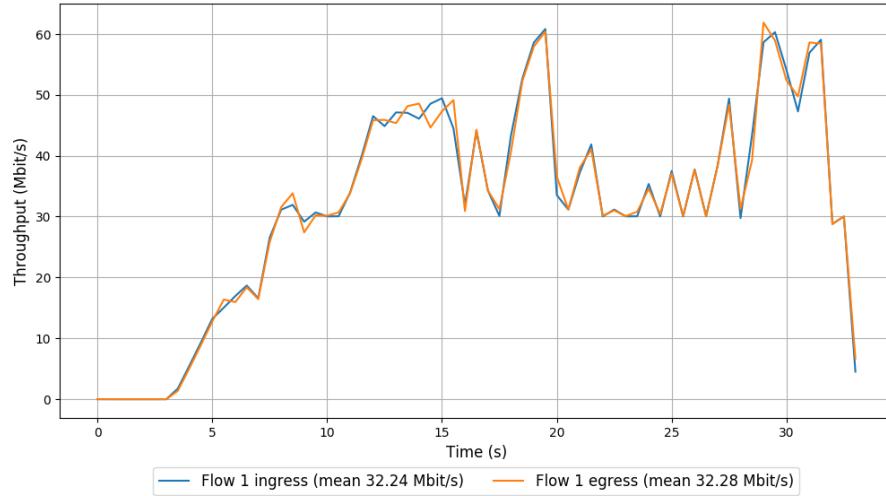


Run 5: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 18:47:13 +0000
End at: Fri, 23 Jun 2017 18:47:43 +0000
Local clock offset: 2.0 ms
Remote clock offset: -13.471 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:16:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 50.197 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 50.197 ms
Loss rate: 0.00%
```

## Run 5: Report of LEDBAT — Data Link

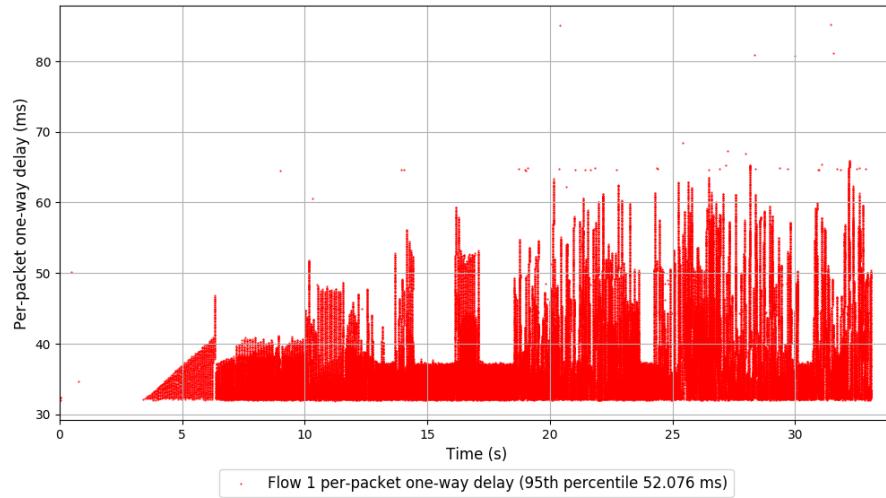
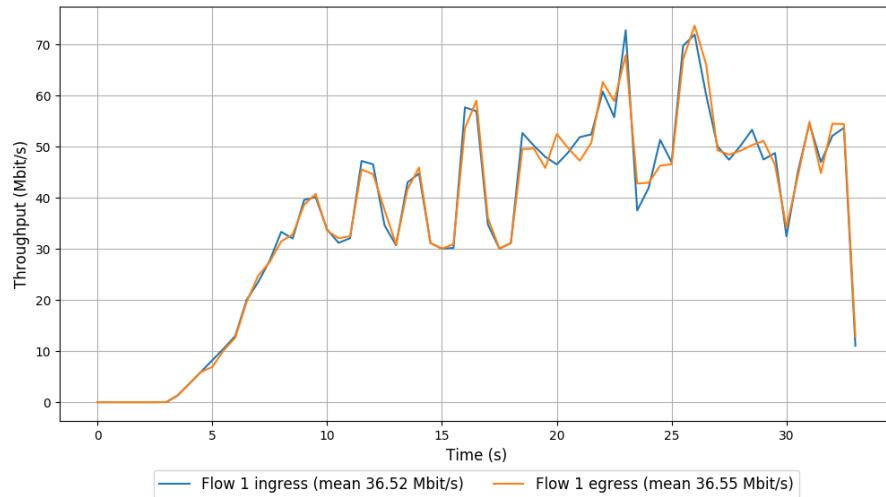


Run 6: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 19:06:17 +0000
End at: Fri, 23 Jun 2017 19:06:47 +0000
Local clock offset: 0.588 ms
Remote clock offset: -14.239 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:16:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.55 Mbit/s
95th percentile per-packet one-way delay: 52.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.55 Mbit/s
95th percentile per-packet one-way delay: 52.076 ms
Loss rate: 0.00%
```

## Run 6: Report of LEDBAT — Data Link

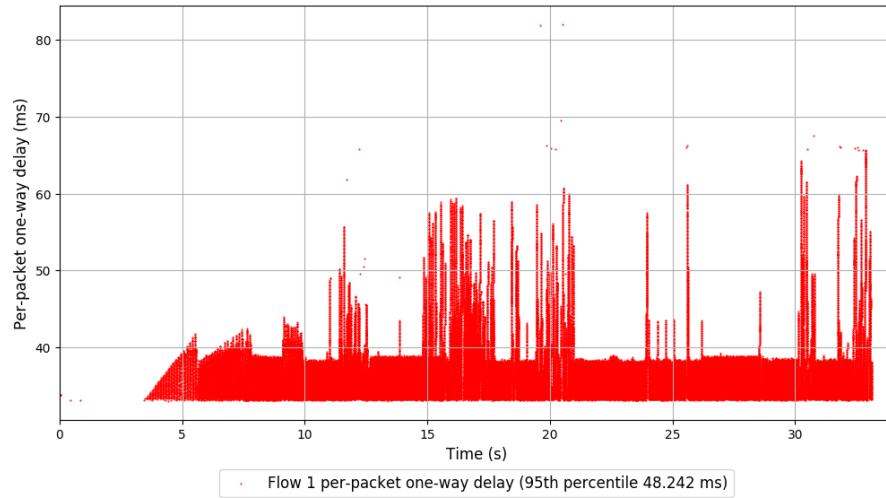
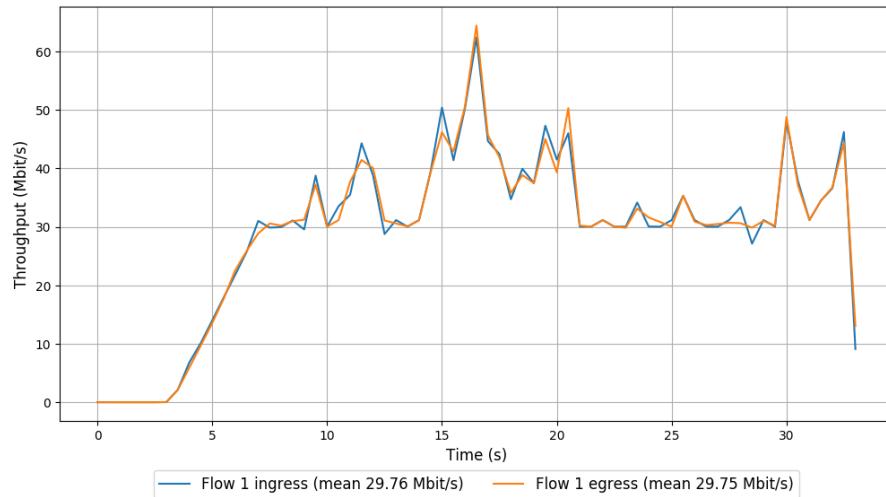


Run 7: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 19:25:15 +0000
End at: Fri, 23 Jun 2017 19:25:45 +0000
Local clock offset: 5.707 ms
Remote clock offset: -13.86 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:17:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 48.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 48.242 ms
Loss rate: 0.00%
```

## Run 7: Report of LEDBAT — Data Link

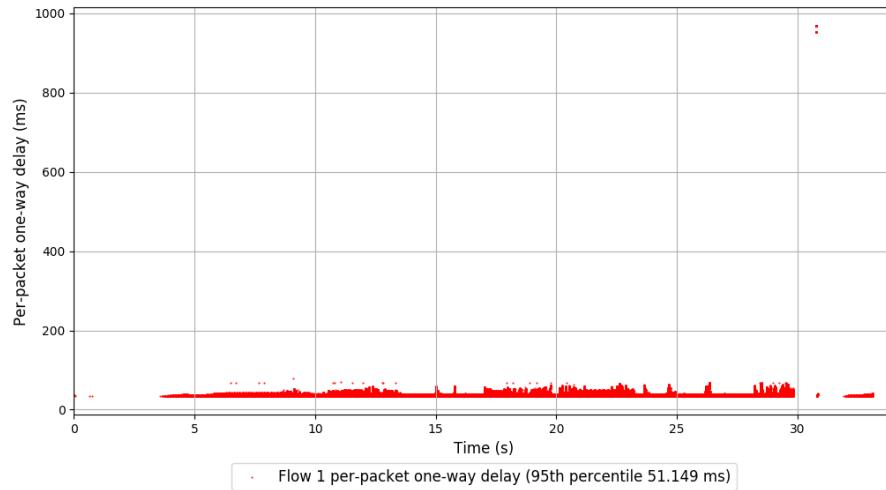
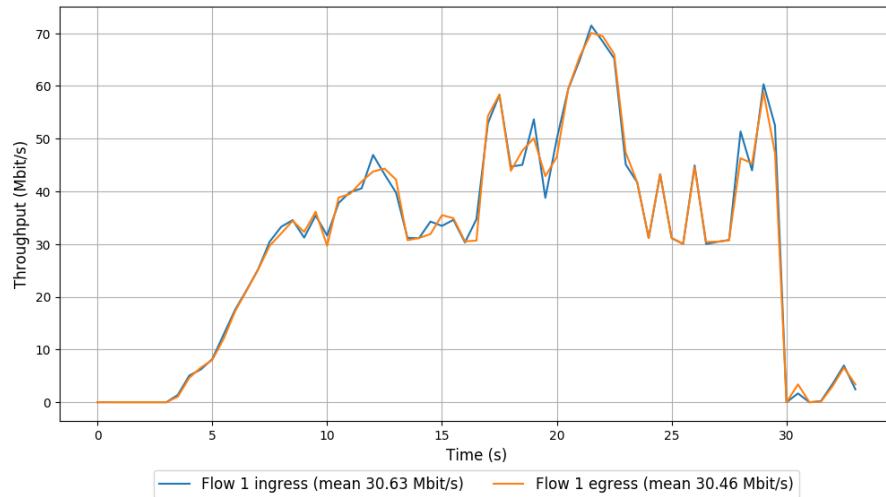


Run 8: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 19:43:59 +0000
End at: Fri, 23 Jun 2017 19:44:29 +0000
Local clock offset: 1.768 ms
Remote clock offset: -14.585 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:17:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.46 Mbit/s
95th percentile per-packet one-way delay: 51.149 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 30.46 Mbit/s
95th percentile per-packet one-way delay: 51.149 ms
Loss rate: 0.55%
```

## Run 8: Report of LEDBAT — Data Link

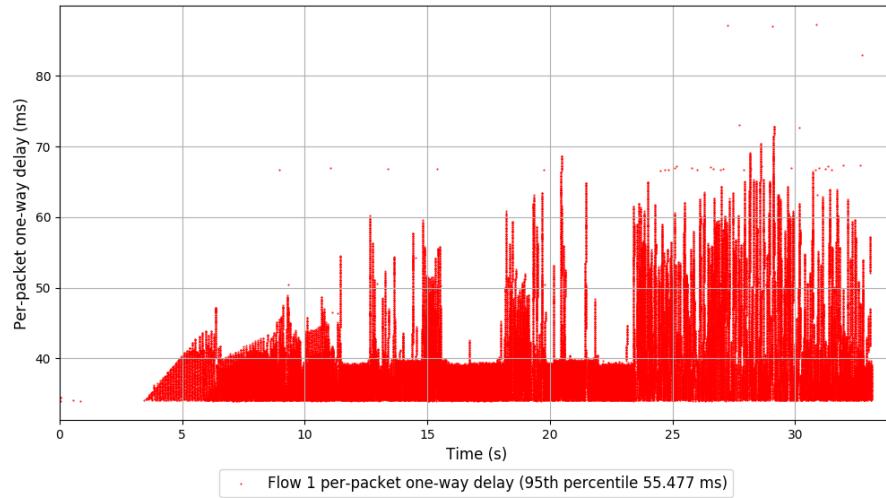
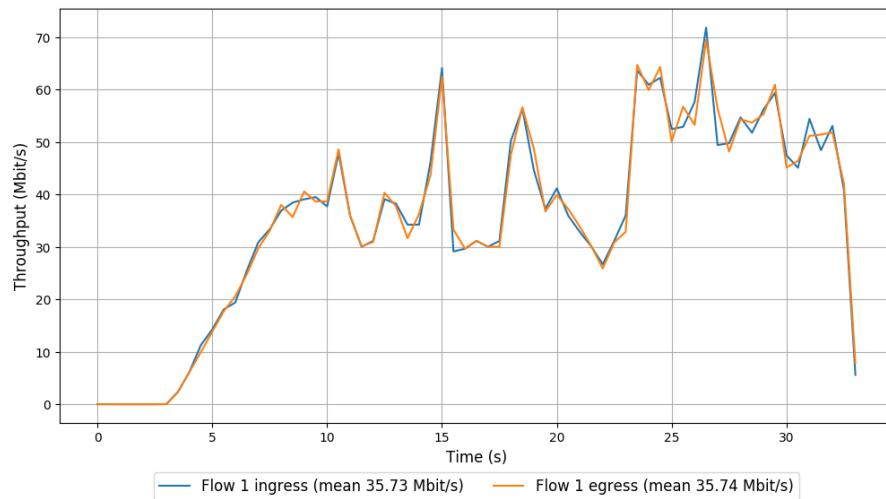


Run 9: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 20:03:18 +0000
End at: Fri, 23 Jun 2017 20:03:48 +0000
Local clock offset: 3.627 ms
Remote clock offset: -15.776 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:17:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.74 Mbit/s
95th percentile per-packet one-way delay: 55.477 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.74 Mbit/s
95th percentile per-packet one-way delay: 55.477 ms
Loss rate: 0.00%
```

## Run 9: Report of LEDBAT — Data Link

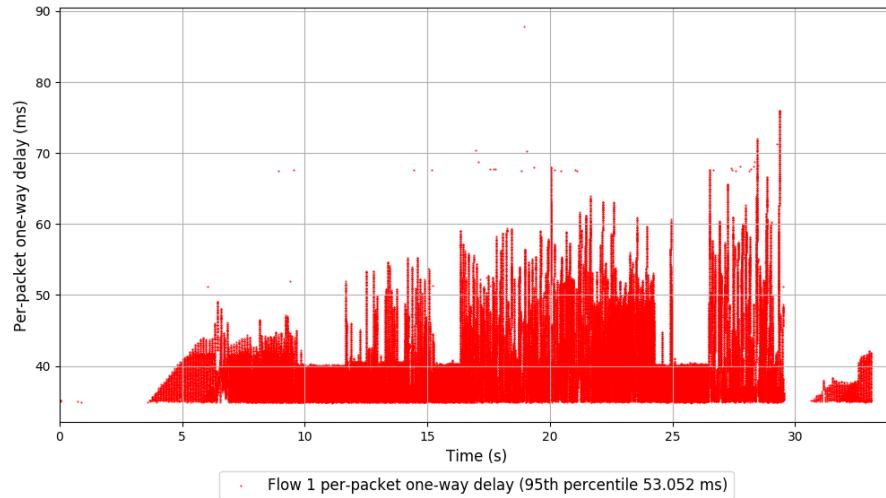
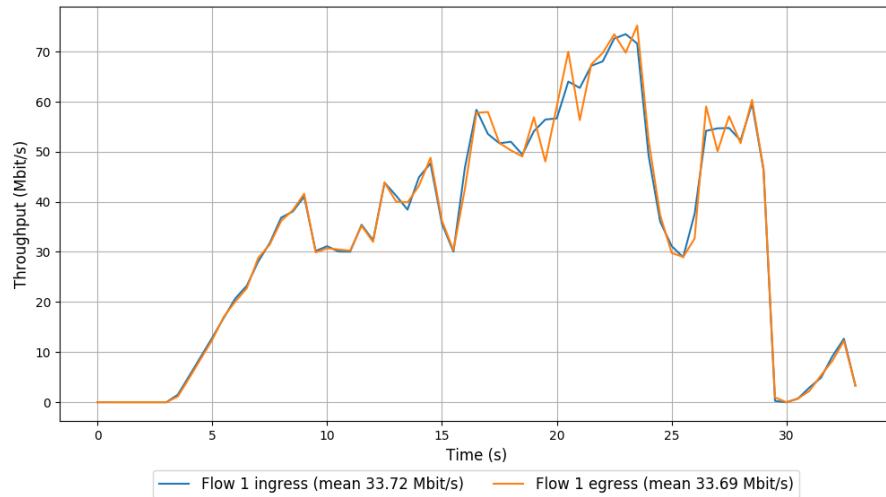


Run 10: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 20:22:21 +0000
End at: Fri, 23 Jun 2017 20:22:51 +0000
Local clock offset: 5.092 ms
Remote clock offset: -15.217 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:17:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.69 Mbit/s
95th percentile per-packet one-way delay: 53.052 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 33.69 Mbit/s
95th percentile per-packet one-way delay: 53.052 ms
Loss rate: 0.23%
```

## Run 10: Report of LEDBAT — Data Link

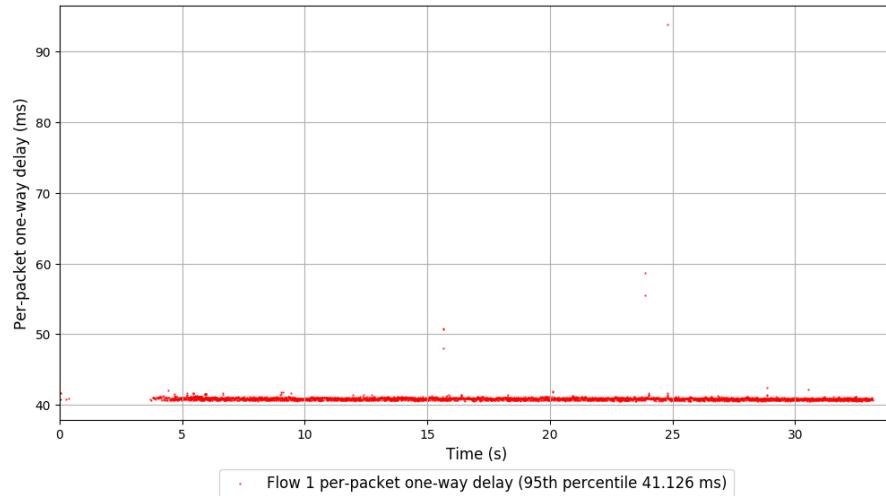
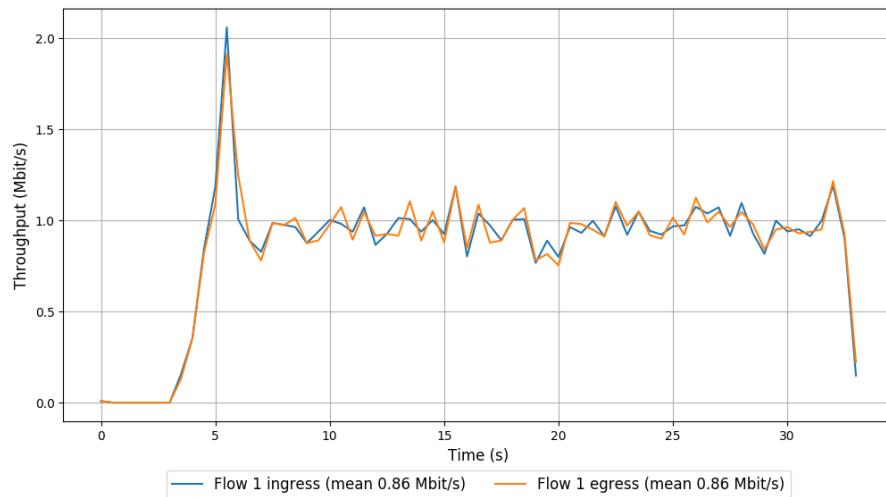


Run 1: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 17:17:59 +0000
End at: Fri, 23 Jun 2017 17:18:29 +0000
Local clock offset: 5.311 ms
Remote clock offset: -29.957 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:17:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 41.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 41.126 ms
Loss rate: 0.00%
```

## Run 1: Report of PCC — Data Link

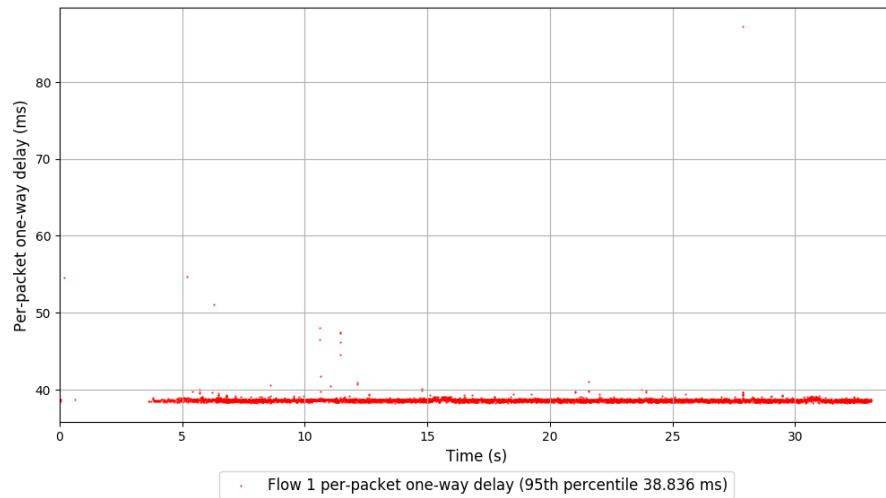
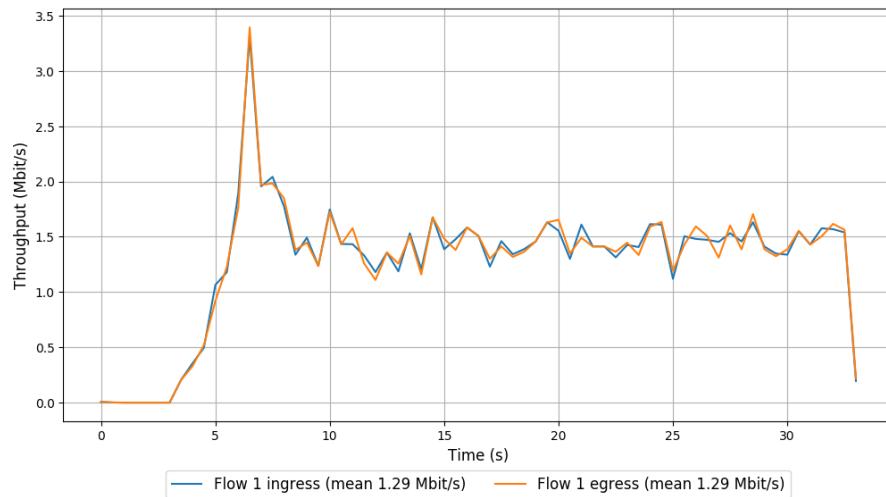


Run 2: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 17:37:12 +0000
End at: Fri, 23 Jun 2017 17:37:42 +0000
Local clock offset: 8.189 ms
Remote clock offset: -30.32 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:17:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 38.836 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 38.836 ms
Loss rate: 0.06%
```

## Run 2: Report of PCC — Data Link

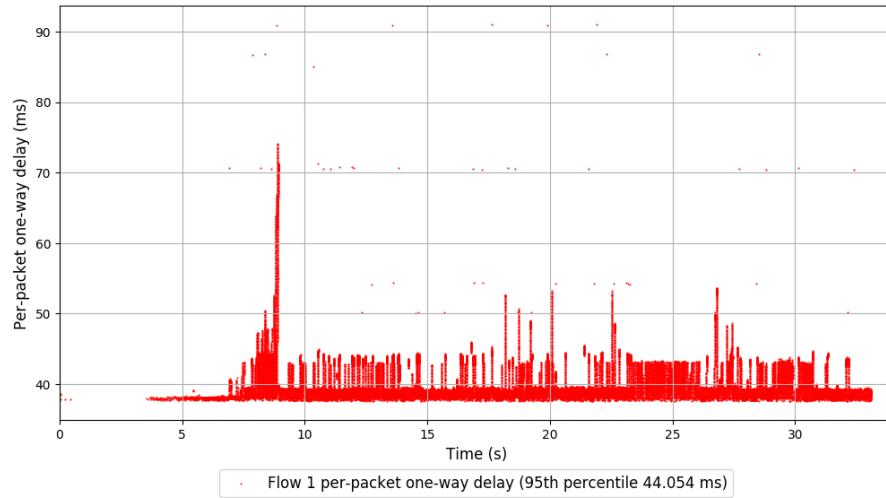
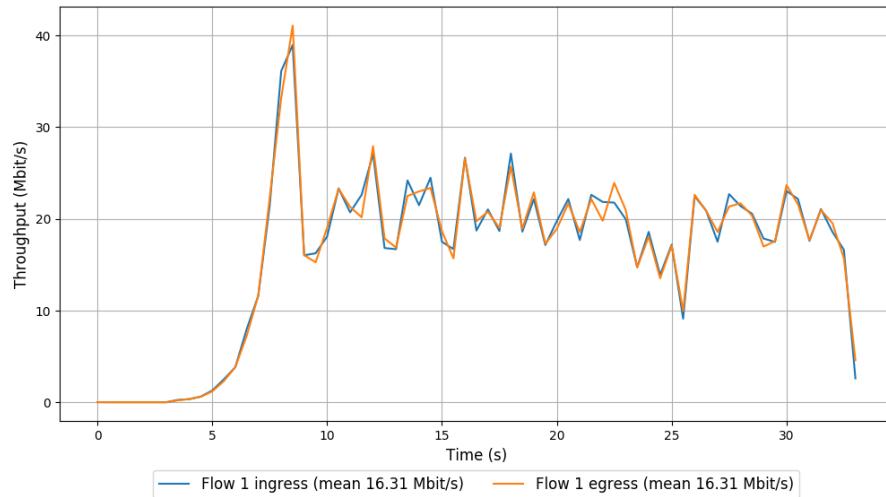


Run 3: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 17:56:12 +0000
End at: Fri, 23 Jun 2017 17:56:42 +0000
Local clock offset: 2.575 ms
Remote clock offset: -28.631 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.31 Mbit/s
95th percentile per-packet one-way delay: 44.054 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.31 Mbit/s
95th percentile per-packet one-way delay: 44.054 ms
Loss rate: 0.00%
```

### Run 3: Report of PCC — Data Link

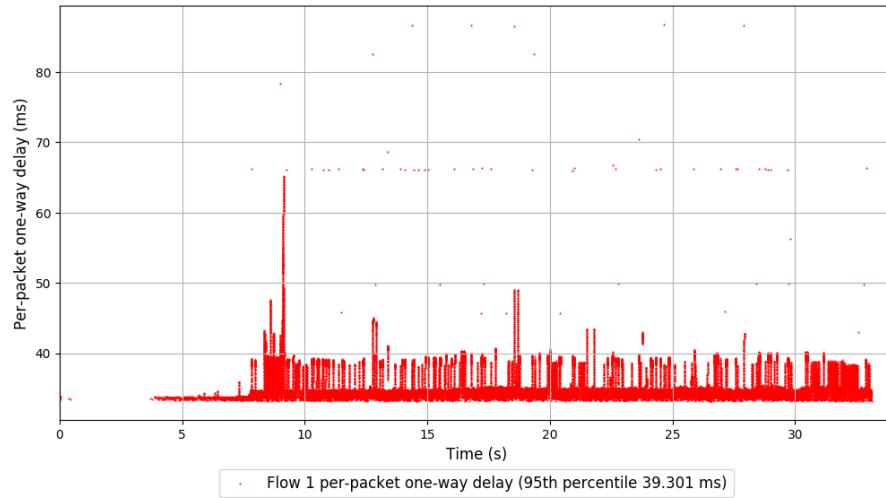
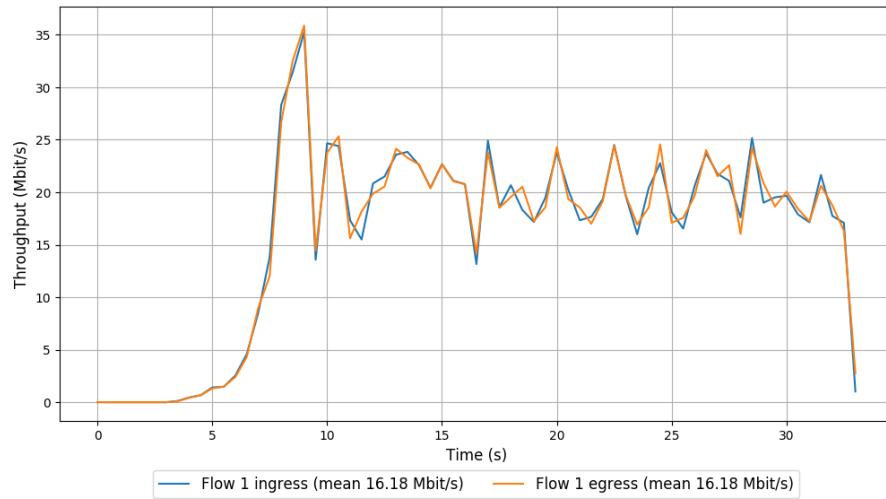


Run 4: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 18:15:22 +0000
End at: Fri, 23 Jun 2017 18:15:53 +0000
Local clock offset: 5.633 ms
Remote clock offset: -27.531 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.18 Mbit/s
95th percentile per-packet one-way delay: 39.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.18 Mbit/s
95th percentile per-packet one-way delay: 39.301 ms
Loss rate: 0.00%
```

## Run 4: Report of PCC — Data Link

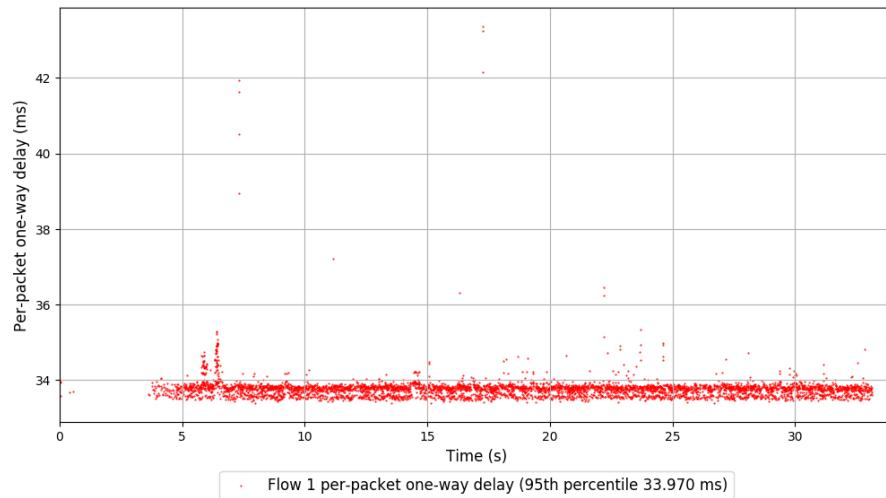
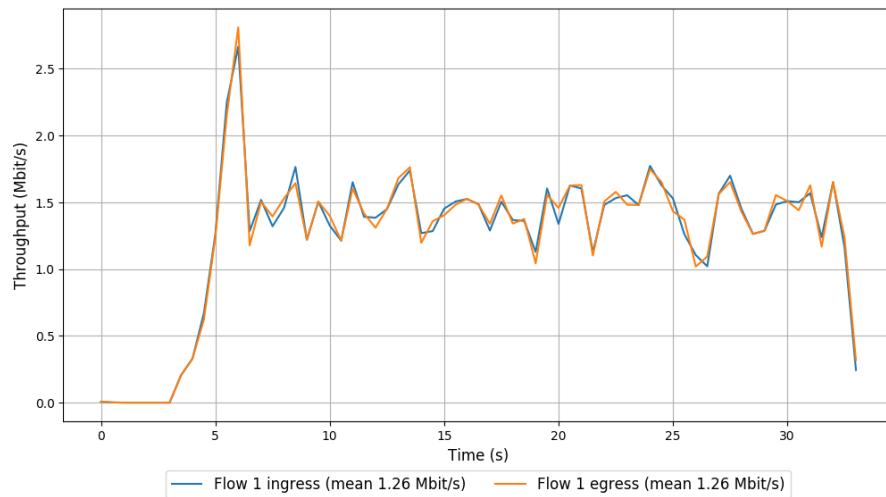


Run 5: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 18:34:46 +0000
End at: Fri, 23 Jun 2017 18:35:16 +0000
Local clock offset: 1.215 ms
Remote clock offset: -25.489 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 33.970 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 33.970 ms
Loss rate: 0.00%
```

## Run 5: Report of PCC — Data Link

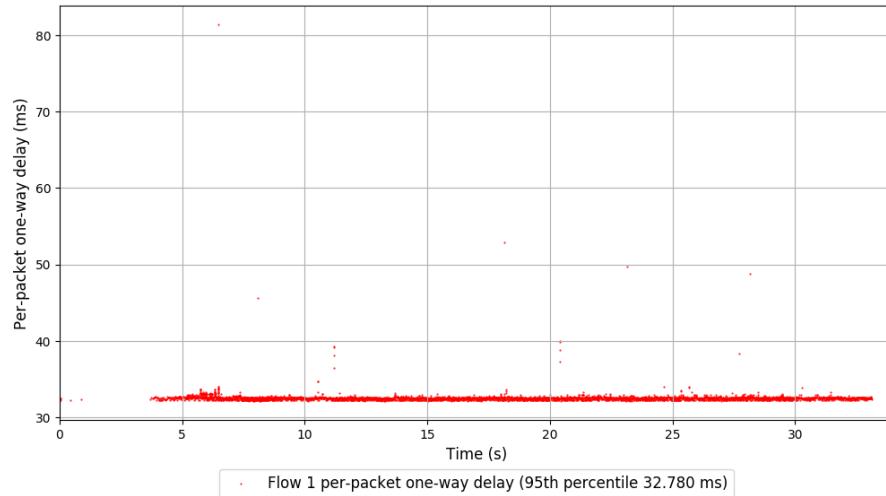
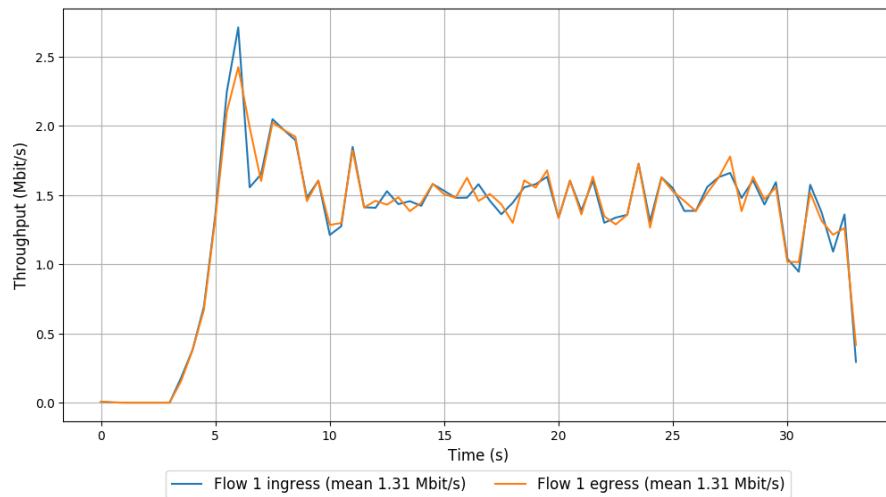


Run 6: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 18:53:42 +0000
End at: Fri, 23 Jun 2017 18:54:12 +0000
Local clock offset: 2.128 ms
Remote clock offset: -13.963 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 32.780 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 32.780 ms
Loss rate: 0.00%
```

## Run 6: Report of PCC — Data Link

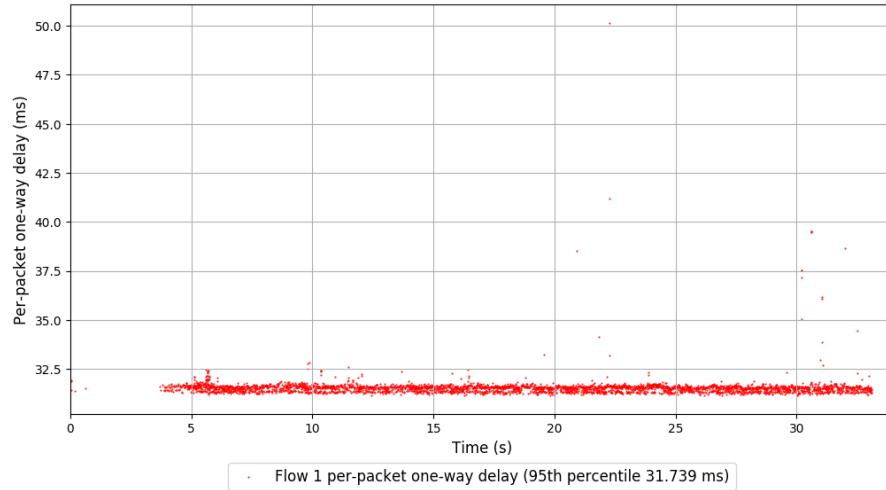
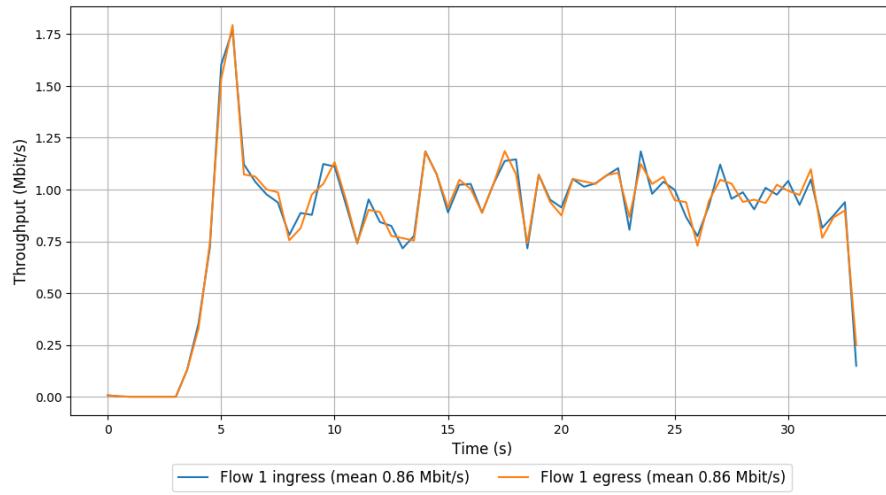


Run 7: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 19:12:53 +0000
End at: Fri, 23 Jun 2017 19:13:23 +0000
Local clock offset: 3.888 ms
Remote clock offset: -13.48 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 31.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 31.739 ms
Loss rate: 0.00%
```

### Run 7: Report of PCC — Data Link

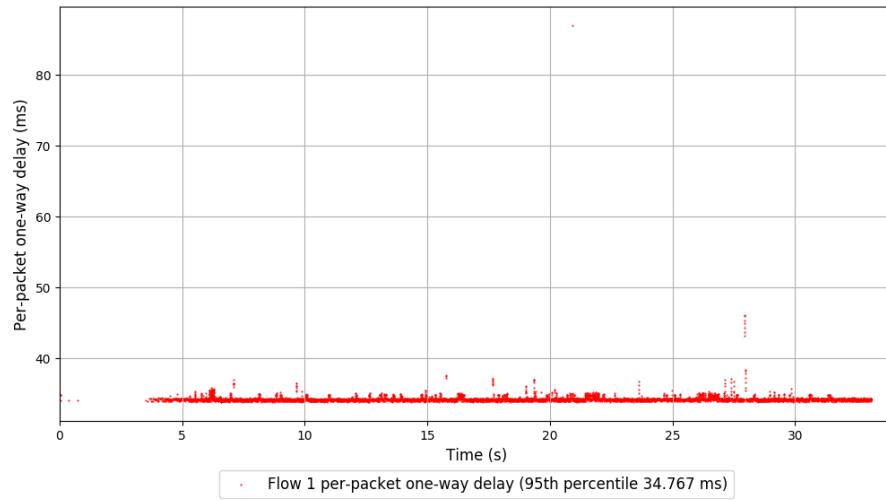
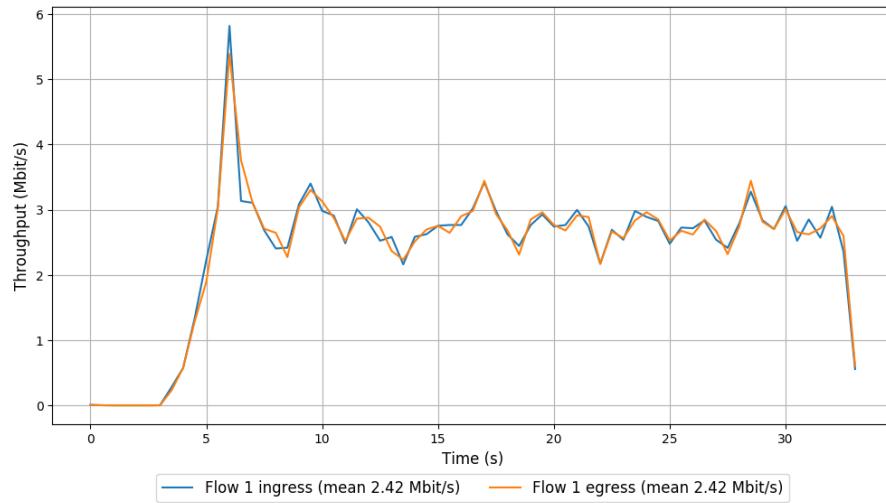


Run 8: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 19:31:37 +0000
End at: Fri, 23 Jun 2017 19:32:07 +0000
Local clock offset: 3.063 ms
Remote clock offset: -14.17 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 34.767 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 34.767 ms
Loss rate: 0.00%
```

### Run 8: Report of PCC — Data Link

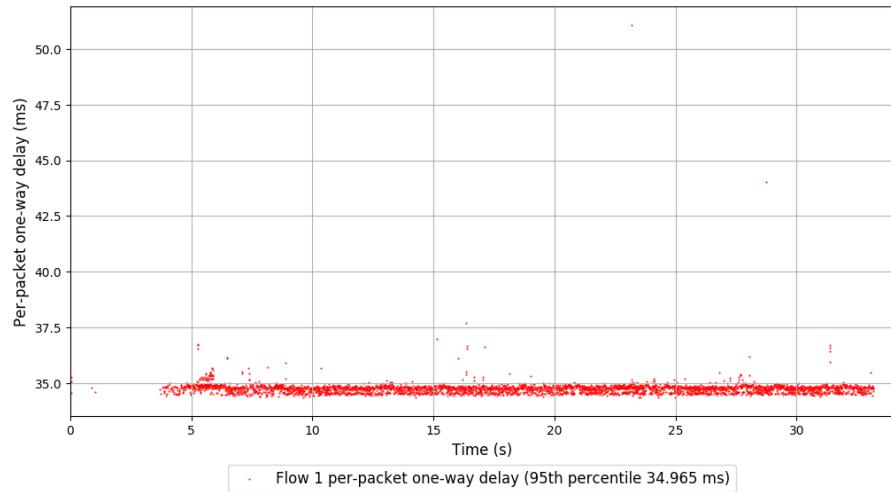
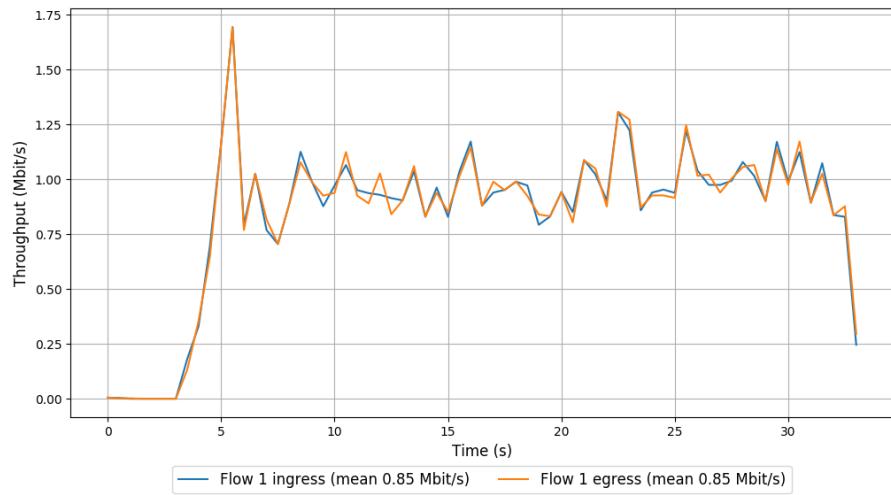


Run 9: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 19:50:37 +0000
End at: Fri, 23 Jun 2017 19:51:07 +0000
Local clock offset: 3.737 ms
Remote clock offset: -15.709 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 34.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 34.965 ms
Loss rate: 0.00%
```

### Run 9: Report of PCC — Data Link

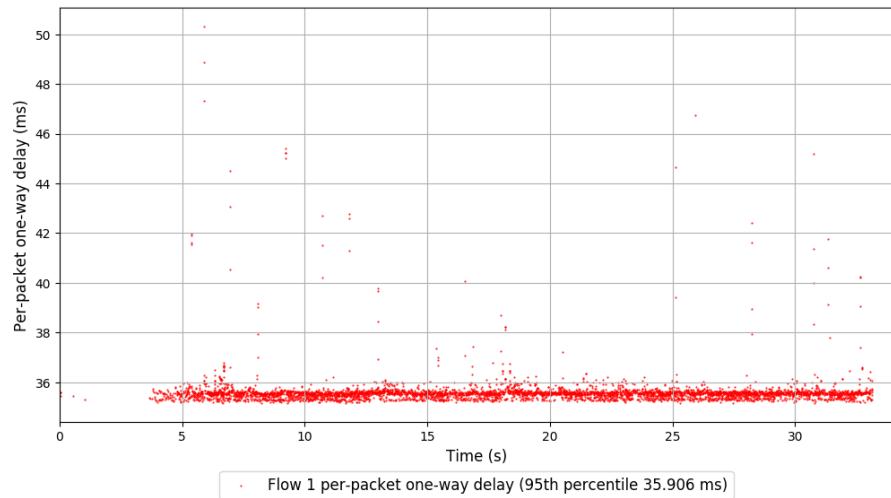
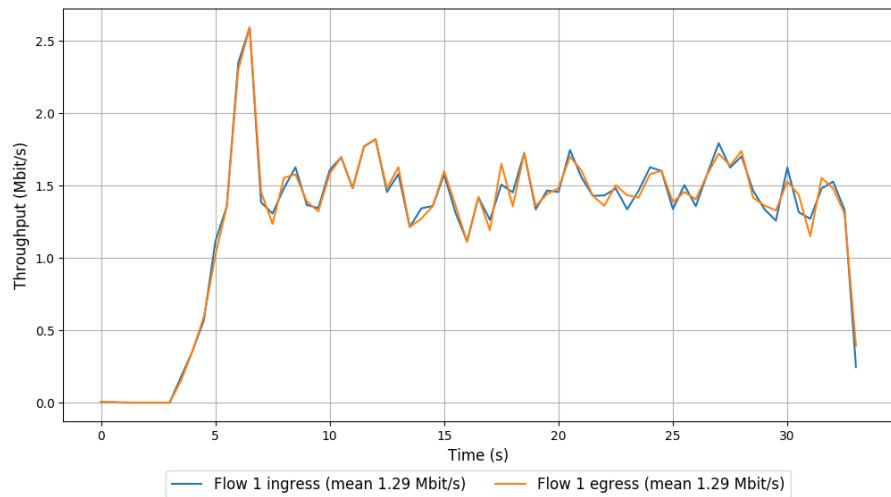


Run 10: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 20:09:47 +0000
End at: Fri, 23 Jun 2017 20:10:17 +0000
Local clock offset: 3.201 ms
Remote clock offset: -14.28 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 35.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 35.906 ms
Loss rate: 0.00%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Fri, 23 Jun 2017 17:27:00 +0000
```

```
End at: Fri, 23 Jun 2017 17:27:30 +0000
```

```
Local clock offset: 4.25 ms
```

```
Remote clock offset: -29.75 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:49 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 11.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 44.619 ms
```

```
Loss rate: 0.03%
```

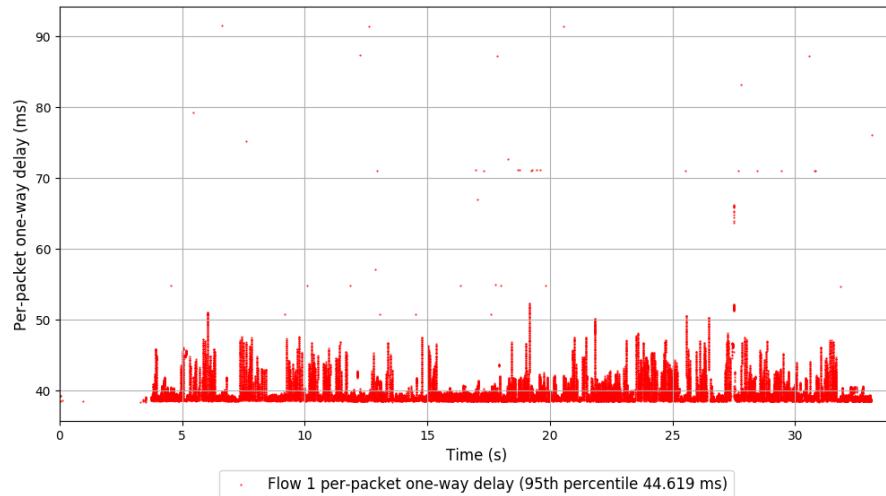
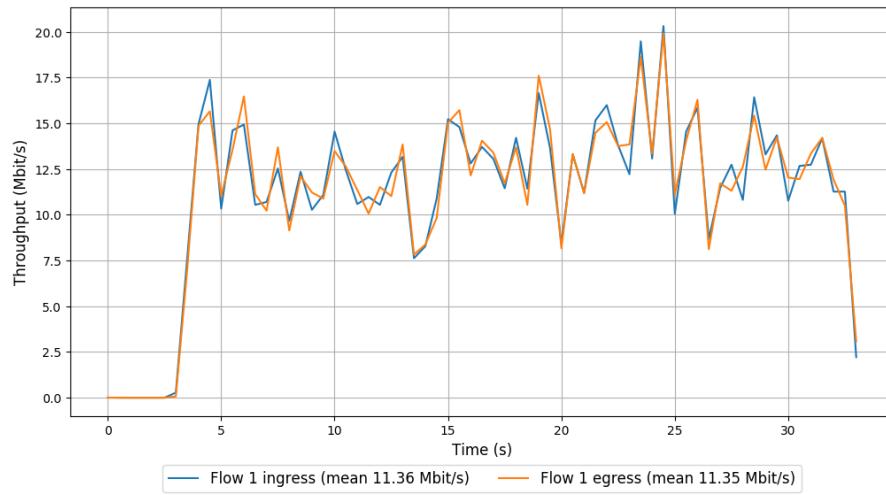
```
-- Flow 1:
```

```
Average throughput: 11.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 44.619 ms
```

```
Loss rate: 0.03%
```

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

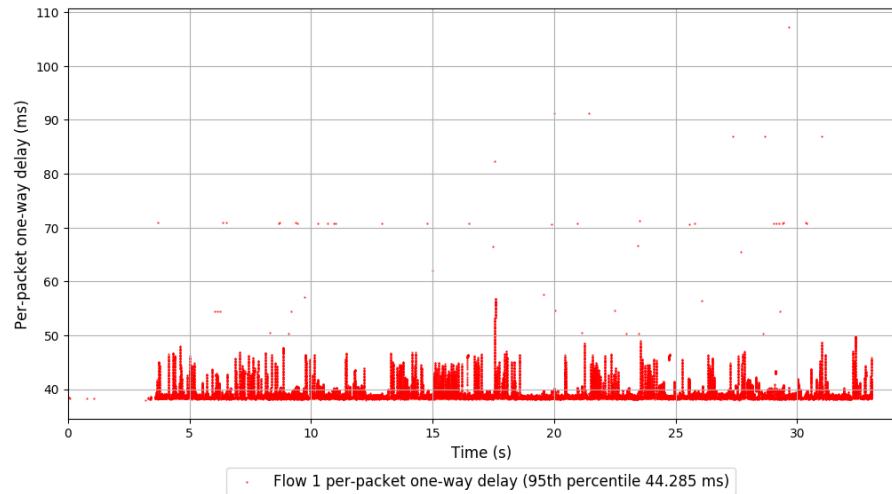
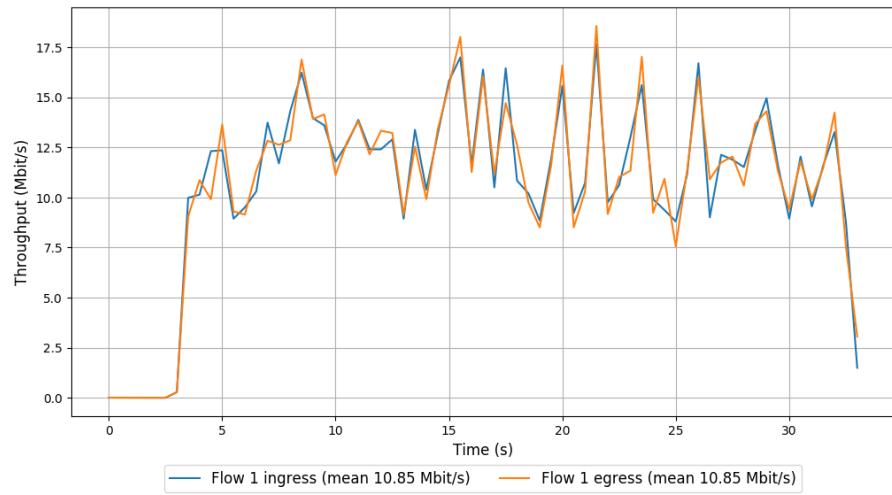


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 17:46:09 +0000
End at: Fri, 23 Jun 2017 17:46:39 +0000
Local clock offset: 4.892 ms
Remote clock offset: -28.377 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:18:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.85 Mbit/s
95th percentile per-packet one-way delay: 44.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.85 Mbit/s
95th percentile per-packet one-way delay: 44.285 ms
Loss rate: 0.00%
```

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

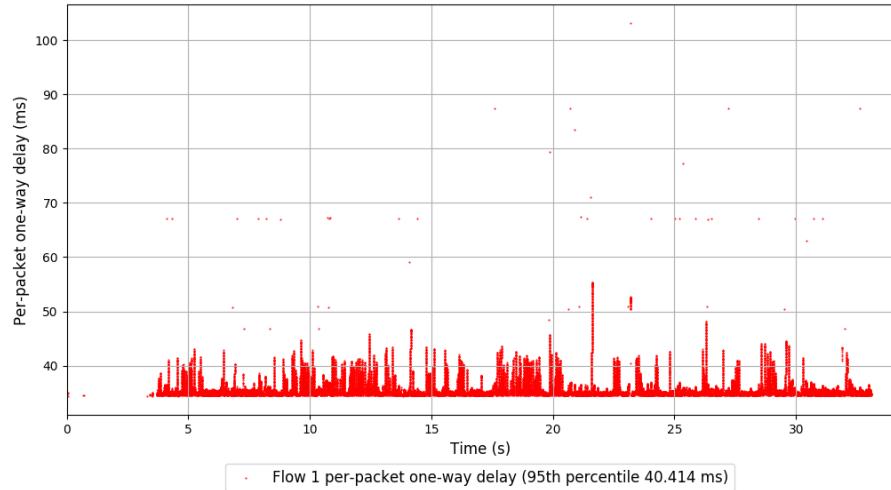
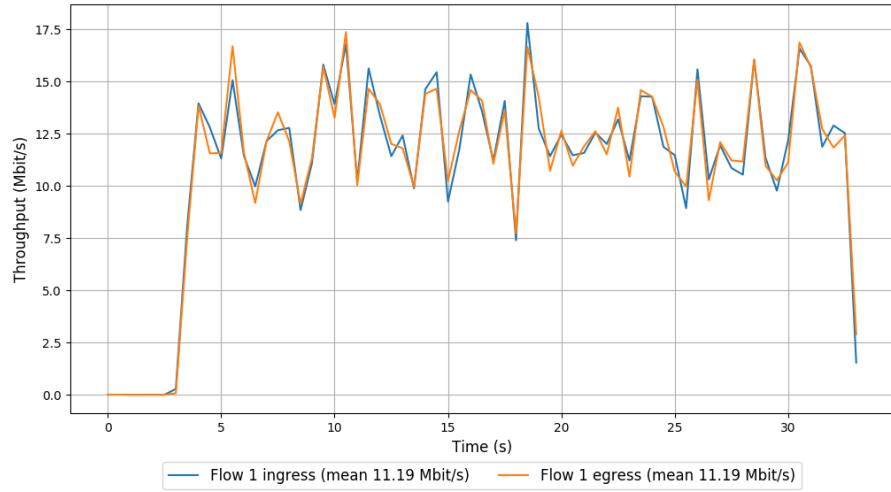


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 18:05:20 +0000
End at: Fri, 23 Jun 2017 18:05:50 +0000
Local clock offset: 4.661 ms
Remote clock offset: -24.062 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:19:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 40.414 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 40.414 ms
Loss rate: 0.00%
```

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

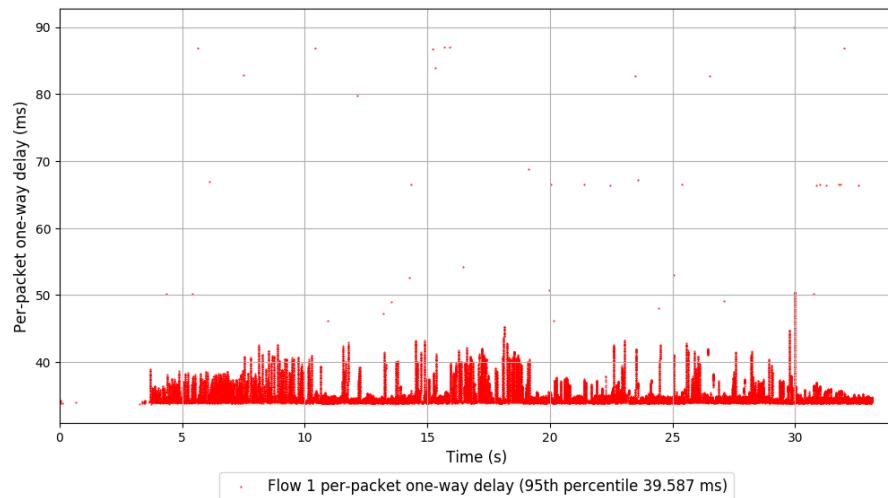
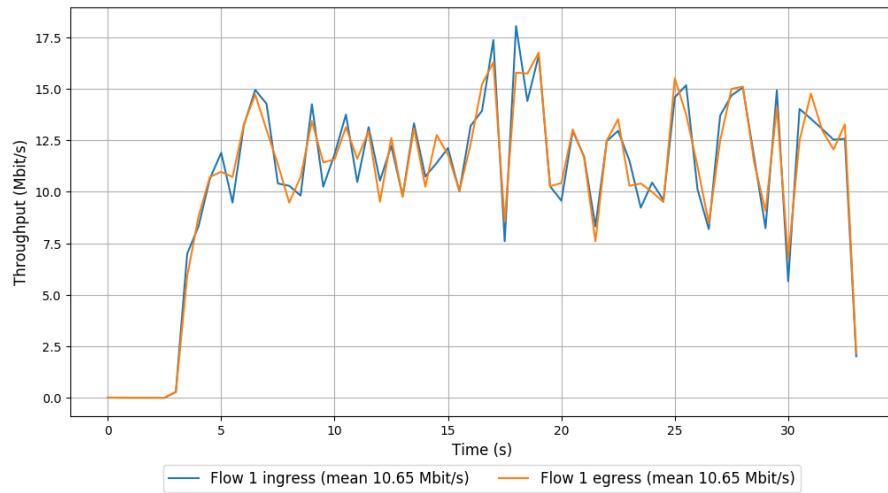


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 18:24:36 +0000
End at: Fri, 23 Jun 2017 18:25:06 +0000
Local clock offset: 2.549 ms
Remote clock offset: -29.303 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:19:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 39.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 39.587 ms
Loss rate: 0.00%
```

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

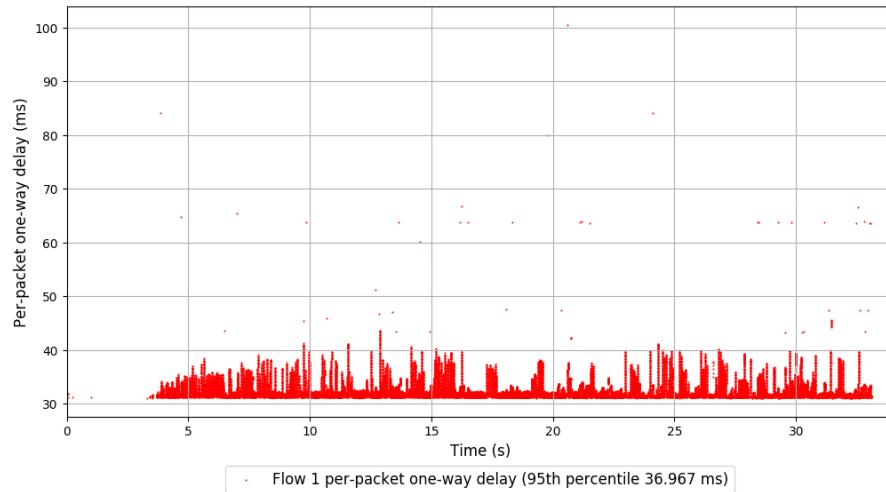
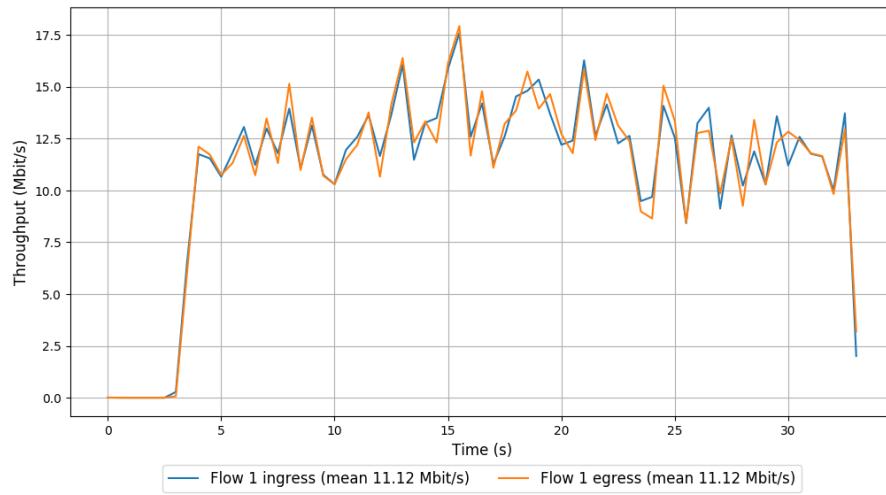


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 18:43:42 +0000
End at: Fri, 23 Jun 2017 18:44:12 +0000
Local clock offset: 1.586 ms
Remote clock offset: -13.54 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:19:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.12 Mbit/s
95th percentile per-packet one-way delay: 36.967 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.12 Mbit/s
95th percentile per-packet one-way delay: 36.967 ms
Loss rate: 0.00%
```

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

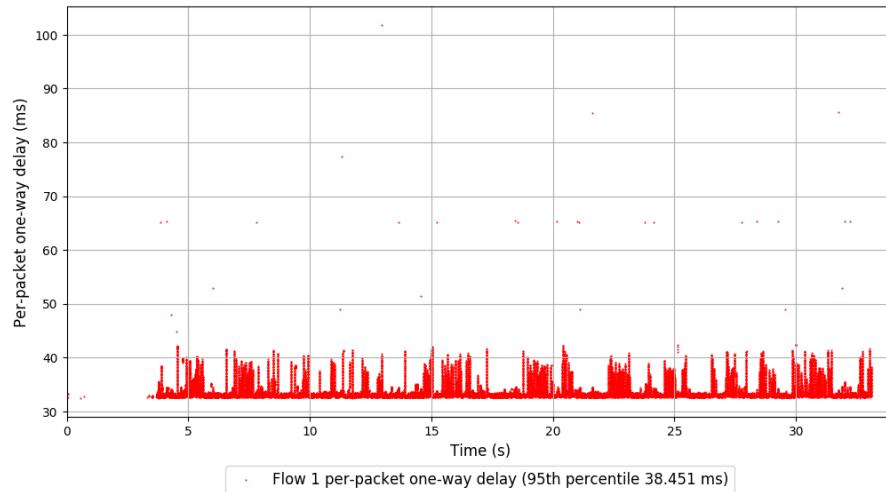
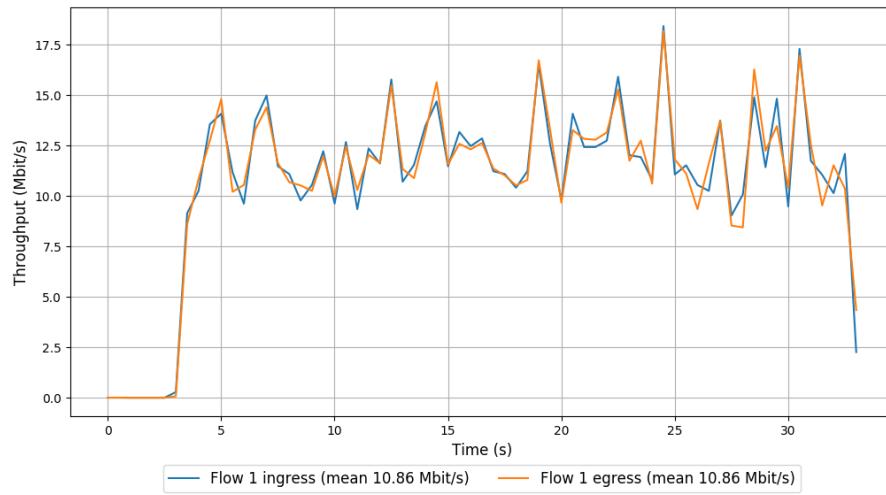


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 19:02:48 +0000
End at: Fri, 23 Jun 2017 19:03:18 +0000
Local clock offset: 1.103 ms
Remote clock offset: -14.605 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:19:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 38.451 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 38.451 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 19:21:45 +0000

End at: Fri, 23 Jun 2017 19:22:15 +0000

Local clock offset: 4.218 ms

Remote clock offset: -13.872 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:19:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.55 Mbit/s

95th percentile per-packet one-way delay: 38.790 ms

Loss rate: 0.00%

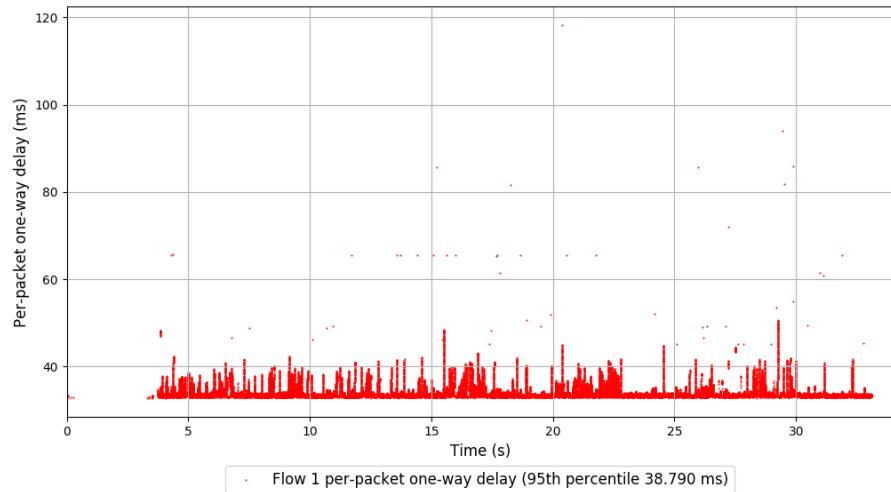
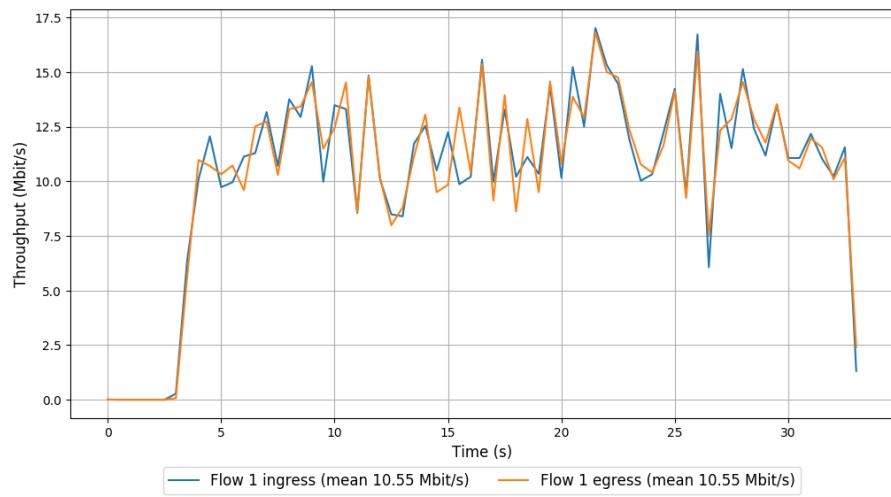
-- Flow 1:

Average throughput: 10.55 Mbit/s

95th percentile per-packet one-way delay: 38.790 ms

Loss rate: 0.00%

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

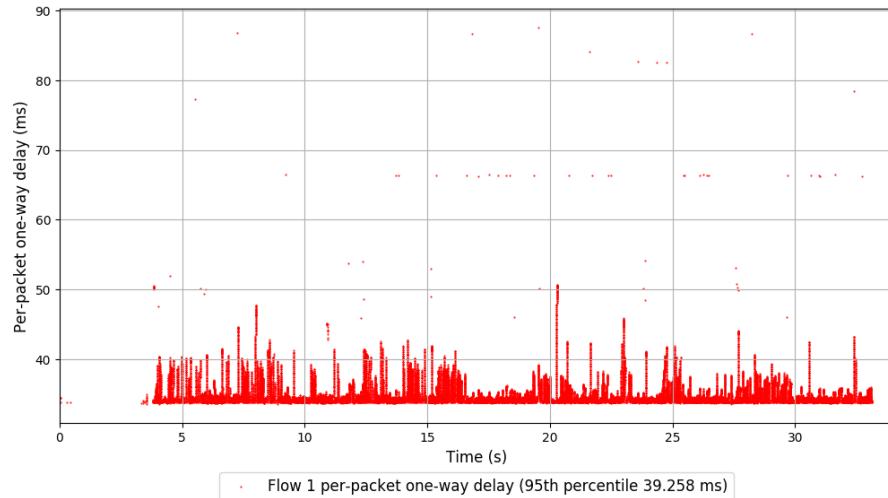
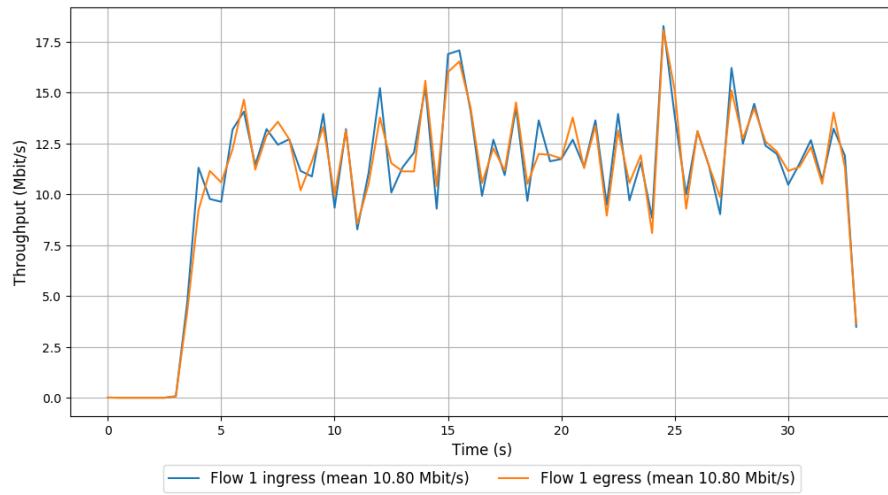


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 19:40:30 +0000
End at: Fri, 23 Jun 2017 19:41:00 +0000
Local clock offset: -4.338 ms
Remote clock offset: -14.929 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:19:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.80 Mbit/s
95th percentile per-packet one-way delay: 39.258 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 10.80 Mbit/s
95th percentile per-packet one-way delay: 39.258 ms
Loss rate: 0.08%
```

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

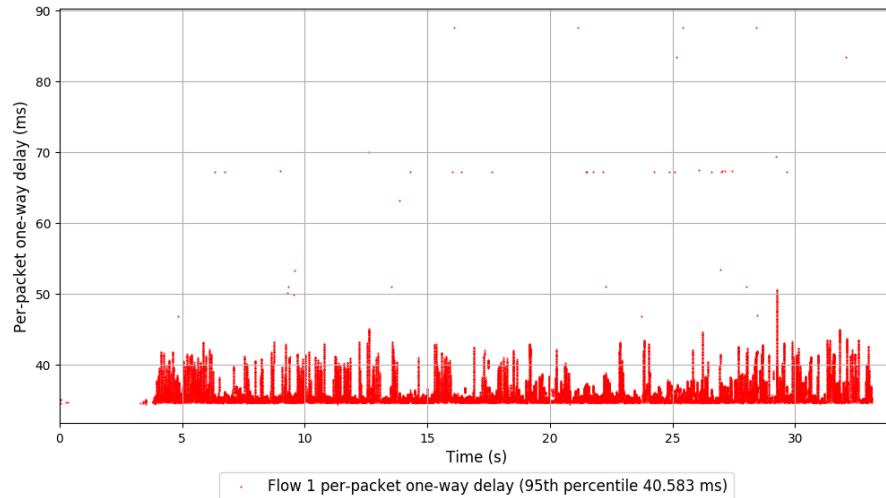
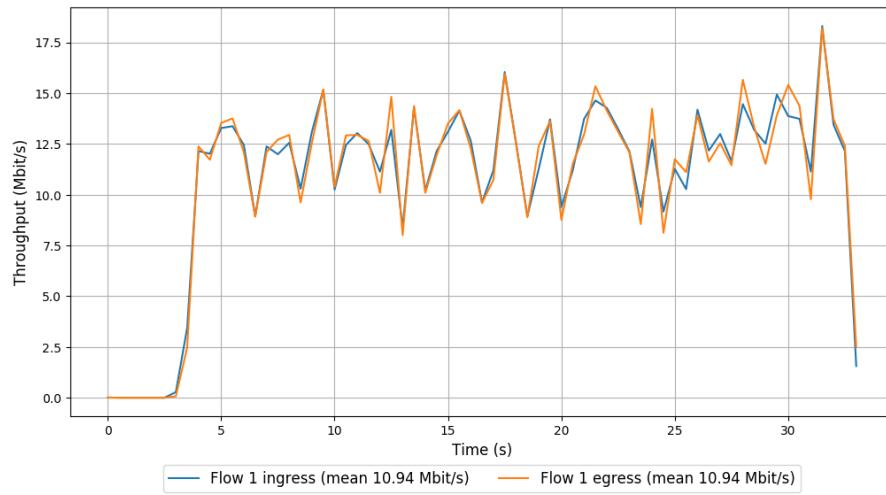


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 19:59:49 +0000
End at: Fri, 23 Jun 2017 20:00:19 +0000
Local clock offset: -1.752 ms
Remote clock offset: -14.782 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:19:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 40.583 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 40.583 ms
Loss rate: 0.00%
```

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

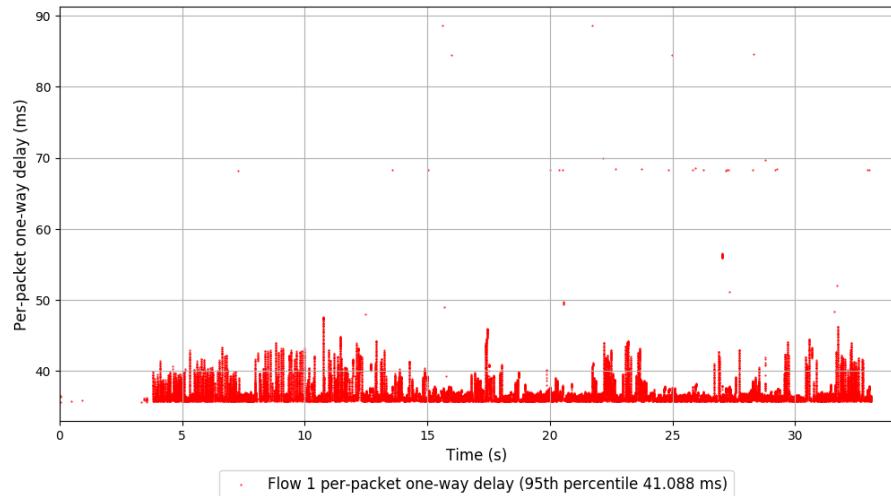
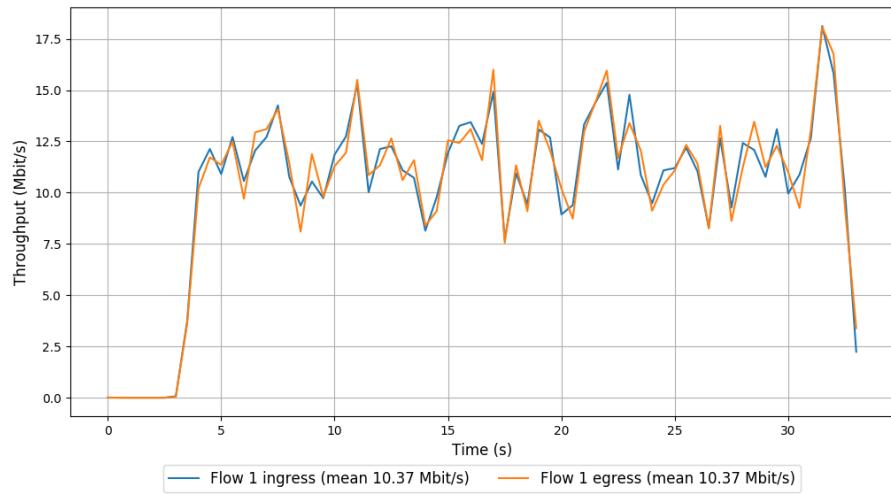


```
Run 10: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 20:18:52 +0000
End at: Fri, 23 Jun 2017 20:19:22 +0000
Local clock offset: 5.99 ms
Remote clock offset: -17.134 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:19:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.37 Mbit/s
95th percentile per-packet one-way delay: 41.088 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.37 Mbit/s
95th percentile per-packet one-way delay: 41.088 ms
Loss rate: 0.00%
```

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

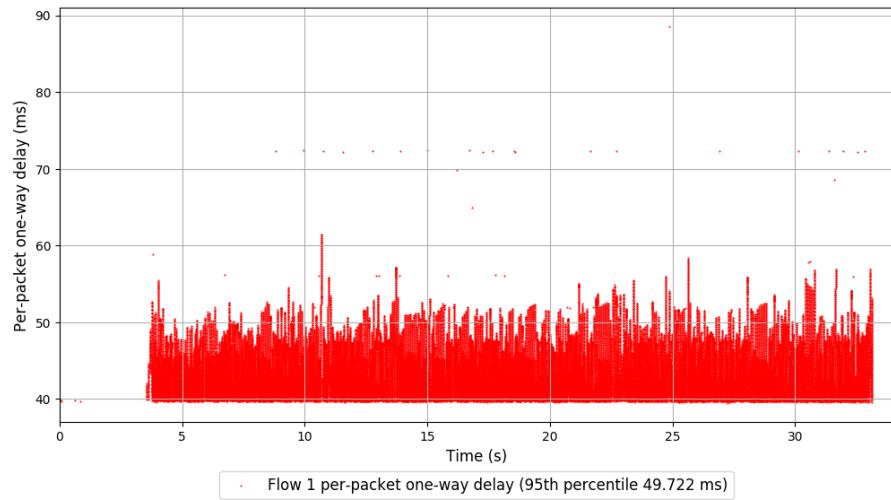
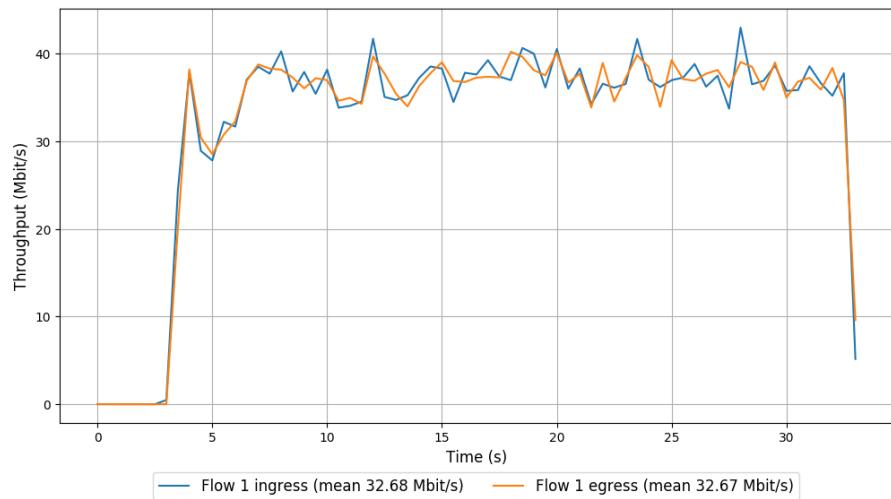


Run 1: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 17:24:28 +0000
End at: Fri, 23 Jun 2017 17:24:58 +0000
Local clock offset: 4.016 ms
Remote clock offset: -30.698 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:20:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 49.722 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 49.722 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

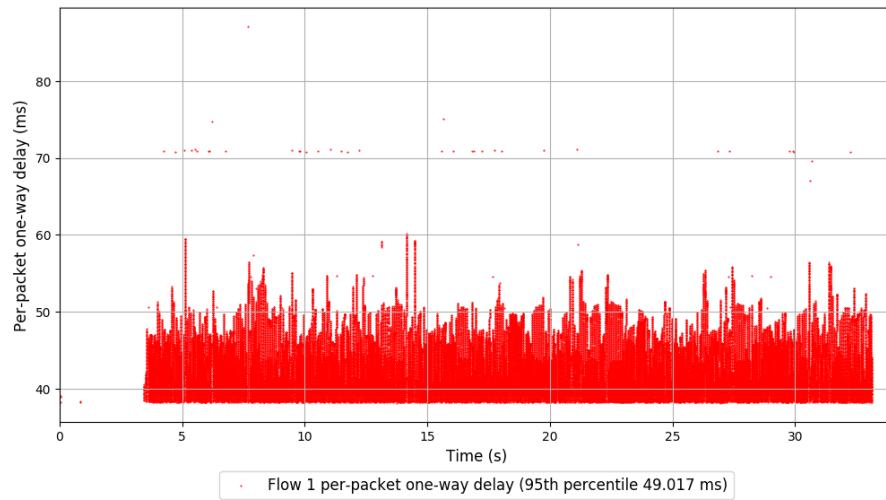
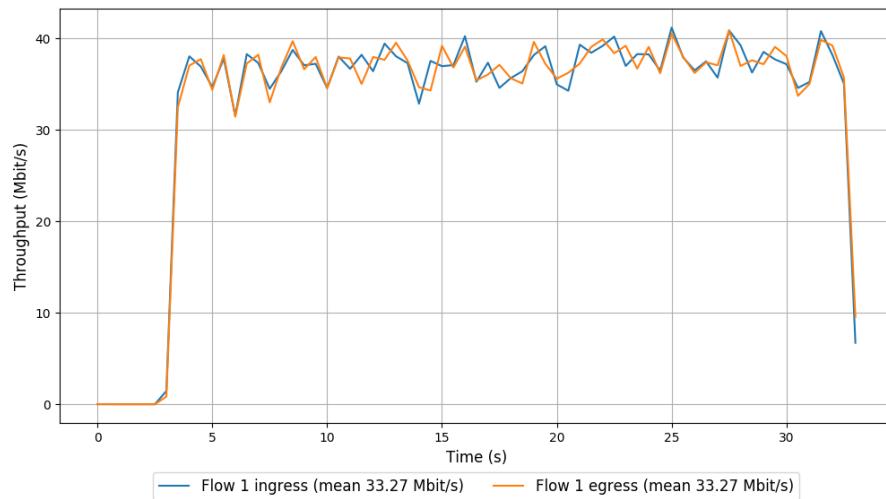


Run 2: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 17:43:36 +0000
End at: Fri, 23 Jun 2017 17:44:06 +0000
Local clock offset: 1.737 ms
Remote clock offset: -29.466 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:20:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.27 Mbit/s
95th percentile per-packet one-way delay: 49.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.27 Mbit/s
95th percentile per-packet one-way delay: 49.017 ms
Loss rate: 0.00%
```

Run 2: Report of Saturator — Data Link

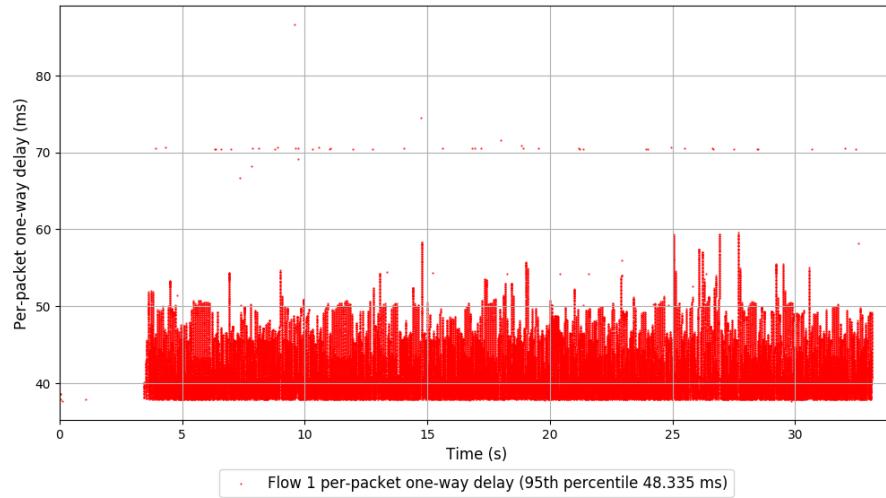
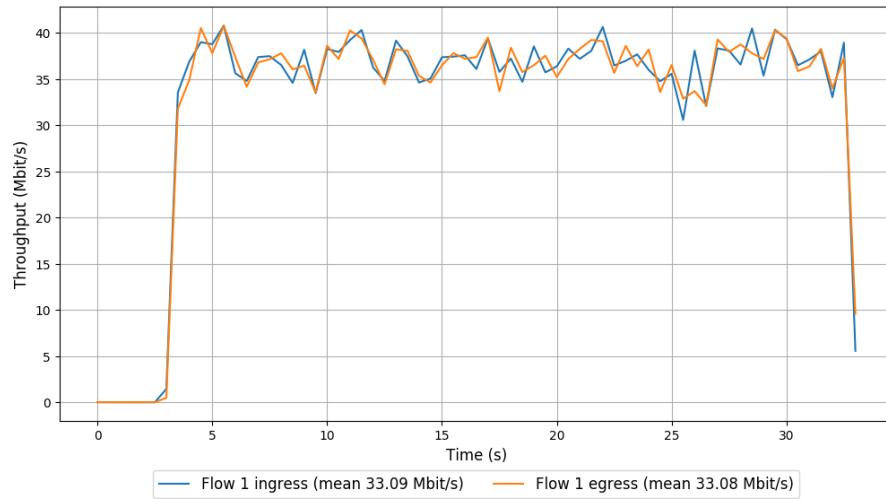


Run 3: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 18:02:47 +0000
End at: Fri, 23 Jun 2017 18:03:17 +0000
Local clock offset: 4.747 ms
Remote clock offset: -27.178 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:20:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.08 Mbit/s
95th percentile per-packet one-way delay: 48.335 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.08 Mbit/s
95th percentile per-packet one-way delay: 48.335 ms
Loss rate: 0.00%
```

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

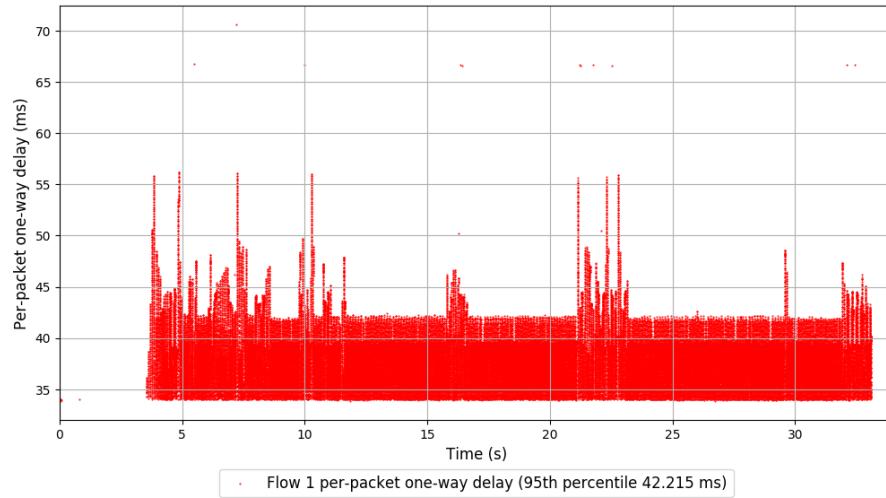
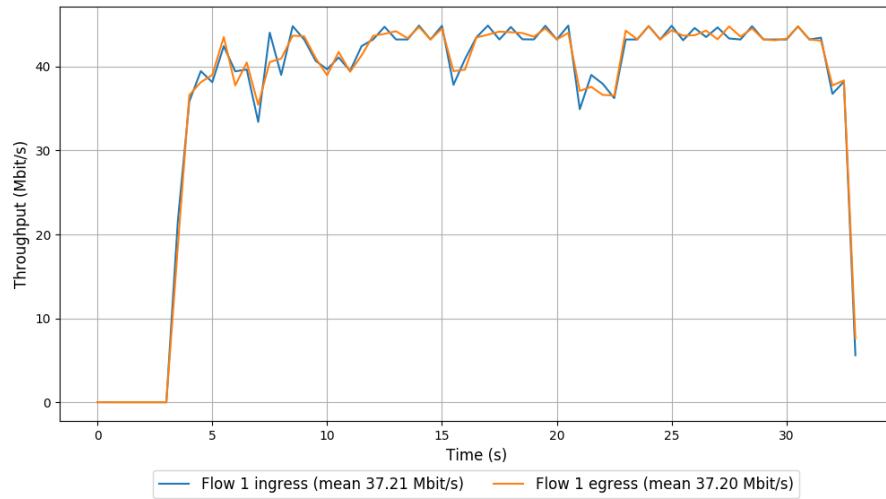


Run 4: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 18:22:01 +0000
End at: Fri, 23 Jun 2017 18:22:31 +0000
Local clock offset: 3.687 ms
Remote clock offset: -25.72 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:20:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.20 Mbit/s
95th percentile per-packet one-way delay: 42.215 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 37.20 Mbit/s
95th percentile per-packet one-way delay: 42.215 ms
Loss rate: 0.01%
```

Run 4: Report of Saturator — Data Link

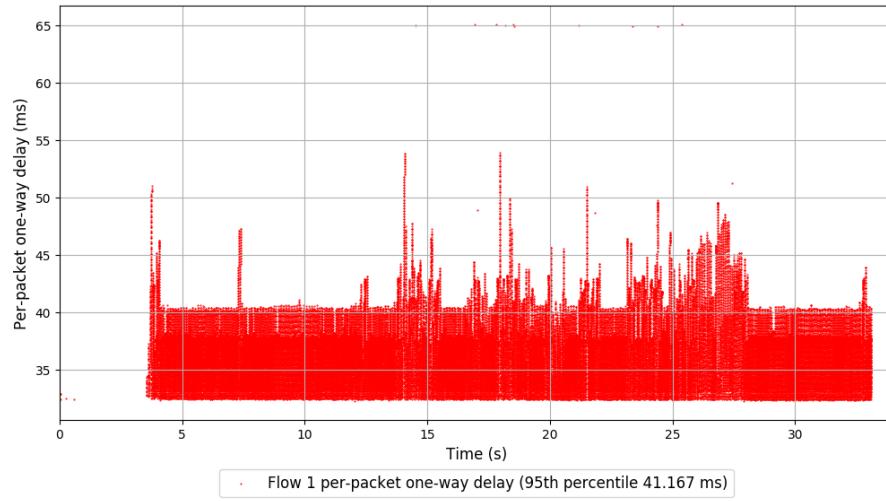
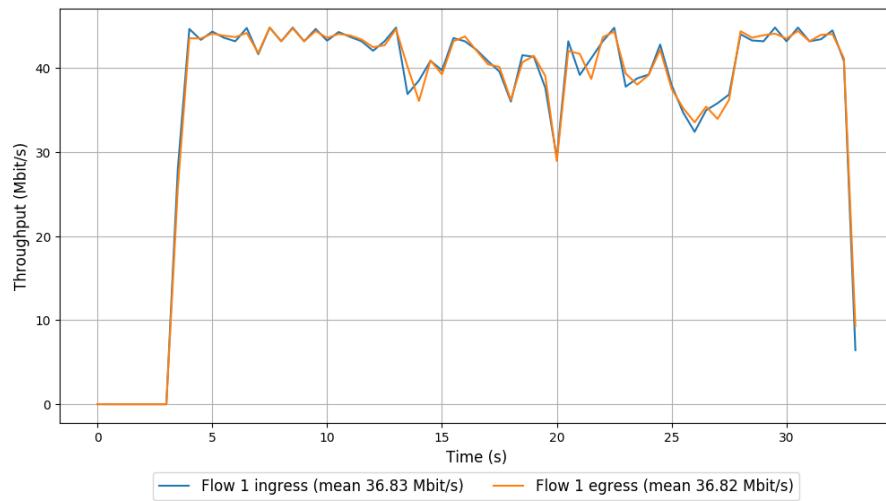


Run 5: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 18:41:06 +0000
End at: Fri, 23 Jun 2017 18:41:36 +0000
Local clock offset: 1.562 ms
Remote clock offset: -15.296 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:20:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.82 Mbit/s
95th percentile per-packet one-way delay: 41.167 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.82 Mbit/s
95th percentile per-packet one-way delay: 41.167 ms
Loss rate: 0.00%
```

Run 5: Report of Saturator — Data Link

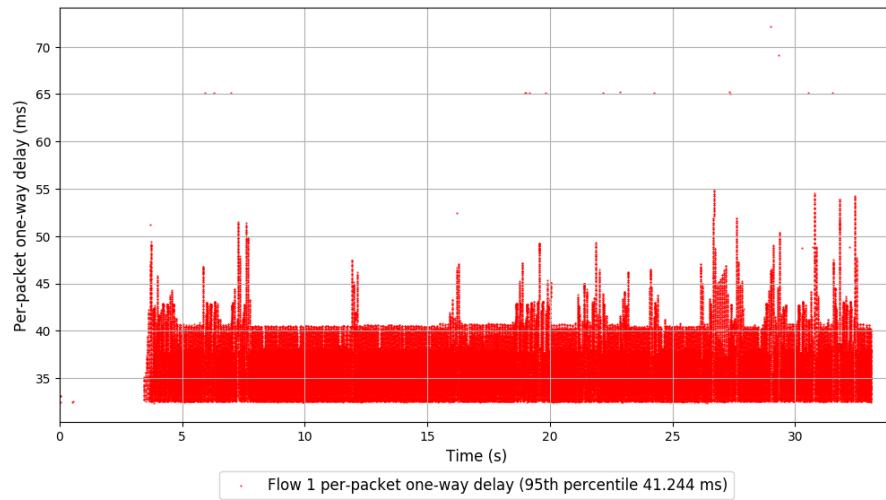
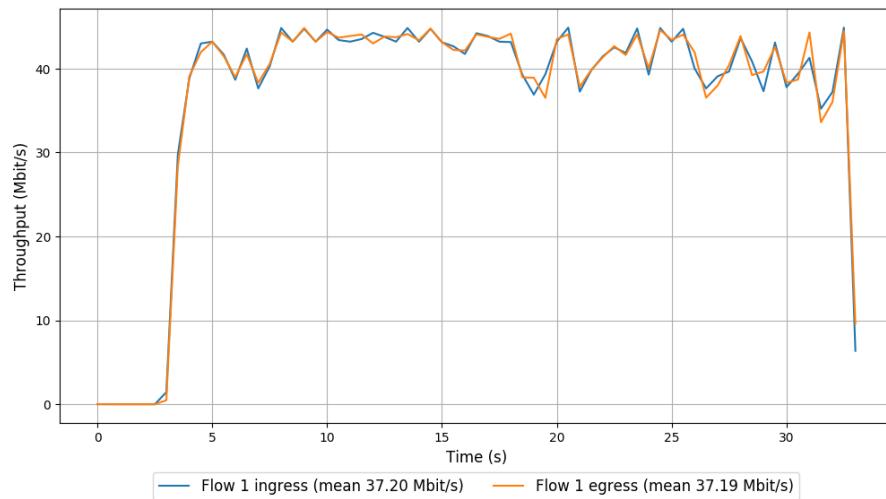


Run 6: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 19:00:12 +0000
End at: Fri, 23 Jun 2017 19:00:42 +0000
Local clock offset: 4.922 ms
Remote clock offset: -15.869 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:21:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.19 Mbit/s
95th percentile per-packet one-way delay: 41.244 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 37.19 Mbit/s
95th percentile per-packet one-way delay: 41.244 ms
Loss rate: 0.01%
```

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



Run 7: Statistics of Saturator

Start at: Fri, 23 Jun 2017 19:19:11 +0000

End at: Fri, 23 Jun 2017 19:19:41 +0000

Local clock offset: 1.279 ms

Remote clock offset: -13.758 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:21:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.78 Mbit/s

95th percentile per-packet one-way delay: 42.426 ms

Loss rate: 0.00%

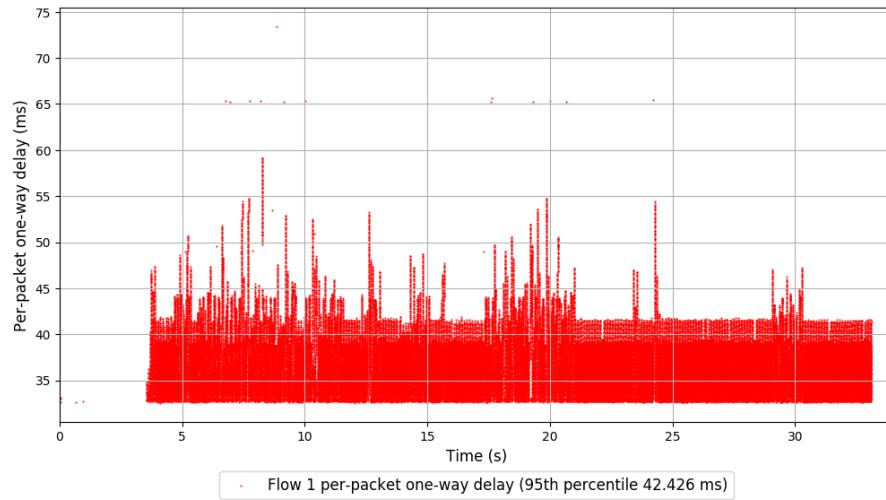
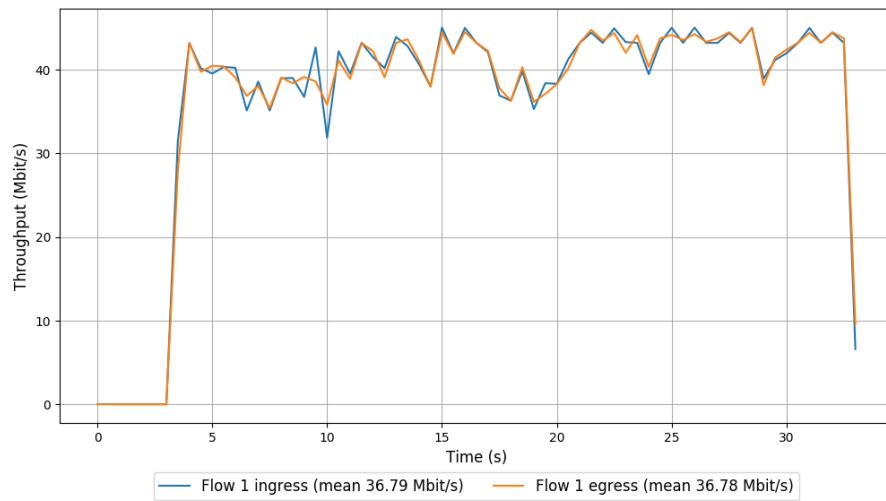
-- Flow 1:

Average throughput: 36.78 Mbit/s

95th percentile per-packet one-way delay: 42.426 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link

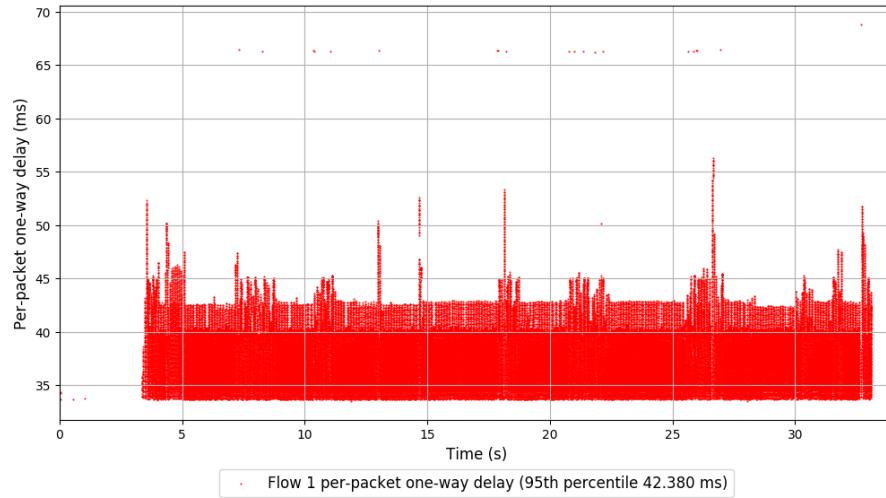
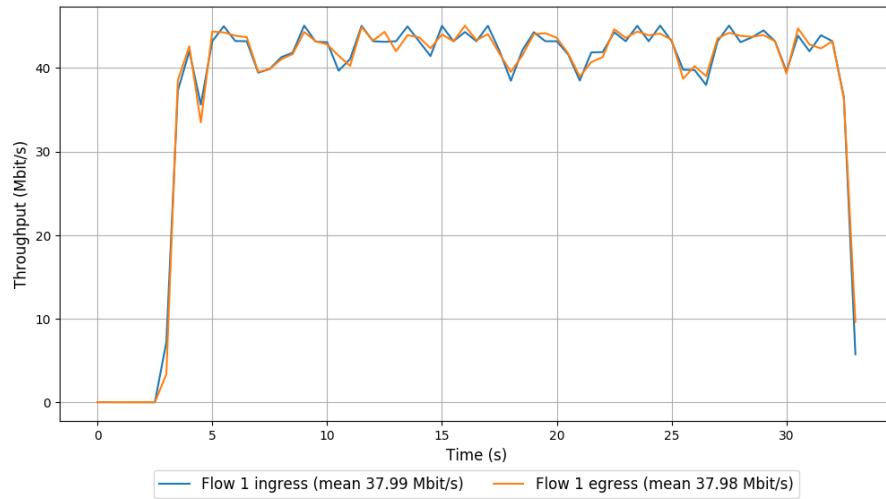


Run 8: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 19:37:56 +0000
End at: Fri, 23 Jun 2017 19:38:26 +0000
Local clock offset: 3.614 ms
Remote clock offset: -16.189 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:21:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.98 Mbit/s
95th percentile per-packet one-way delay: 42.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.98 Mbit/s
95th percentile per-packet one-way delay: 42.380 ms
Loss rate: 0.00%
```

Run 8: Report of Saturator — Data Link

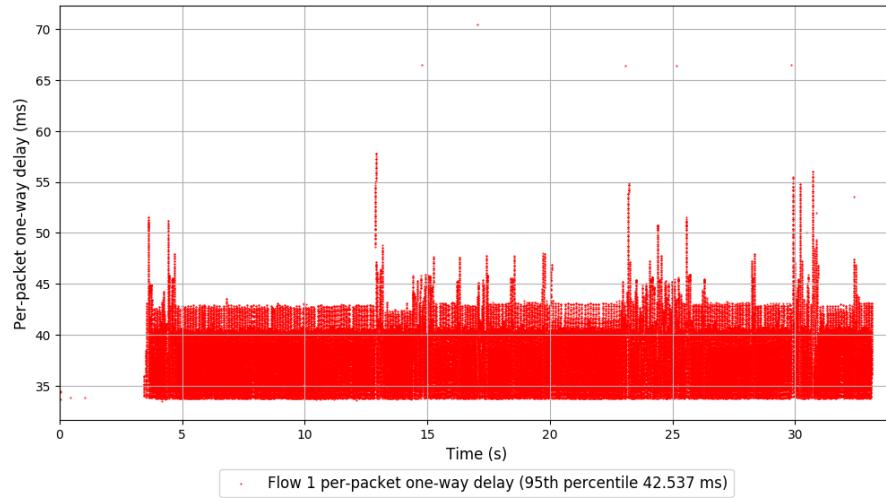
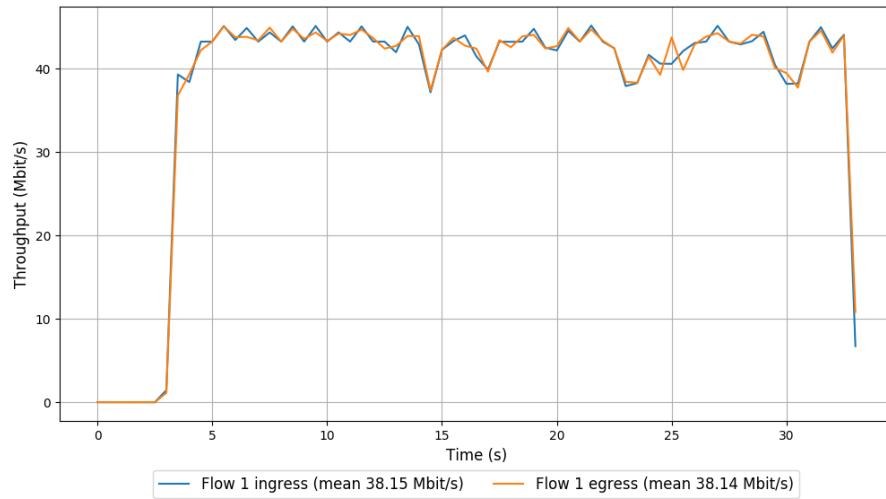


Run 9: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 19:57:13 +0000
End at: Fri, 23 Jun 2017 19:57:43 +0000
Local clock offset: 1.09 ms
Remote clock offset: -14.133 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.14 Mbit/s
95th percentile per-packet one-way delay: 42.537 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.14 Mbit/s
95th percentile per-packet one-way delay: 42.537 ms
Loss rate: 0.00%
```

Run 9: Report of Saturator — Data Link

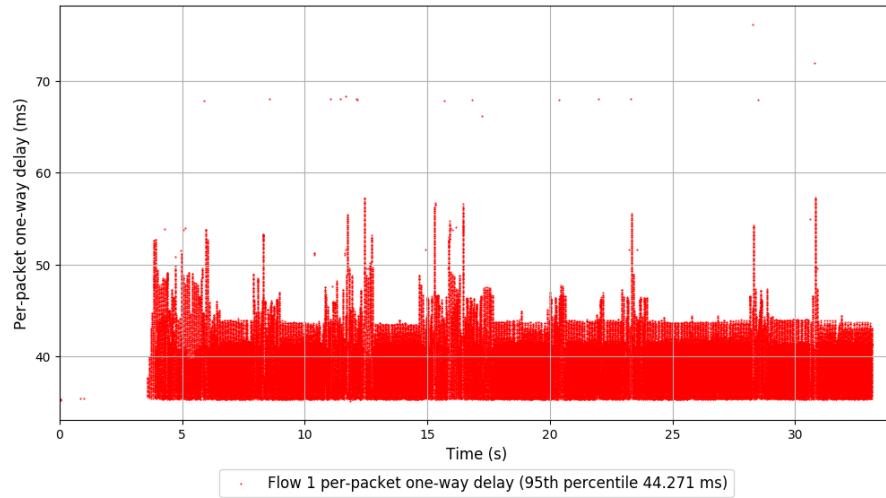
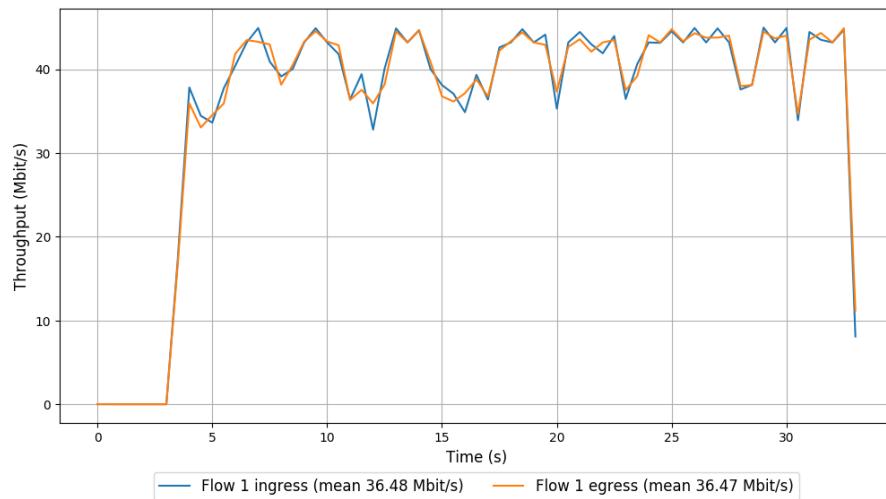


Run 10: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 20:16:18 +0000
End at: Fri, 23 Jun 2017 20:16:48 +0000
Local clock offset: 3.131 ms
Remote clock offset: -15.802 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.47 Mbit/s
95th percentile per-packet one-way delay: 44.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.47 Mbit/s
95th percentile per-packet one-way delay: 44.271 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link

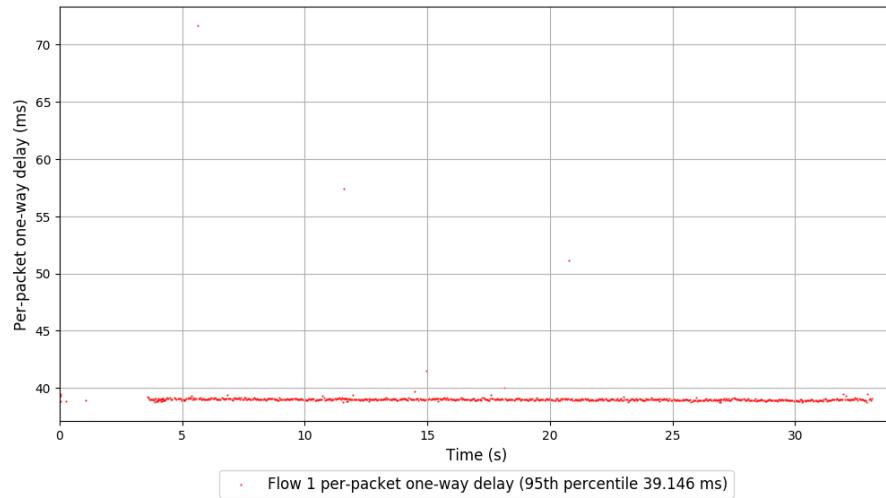
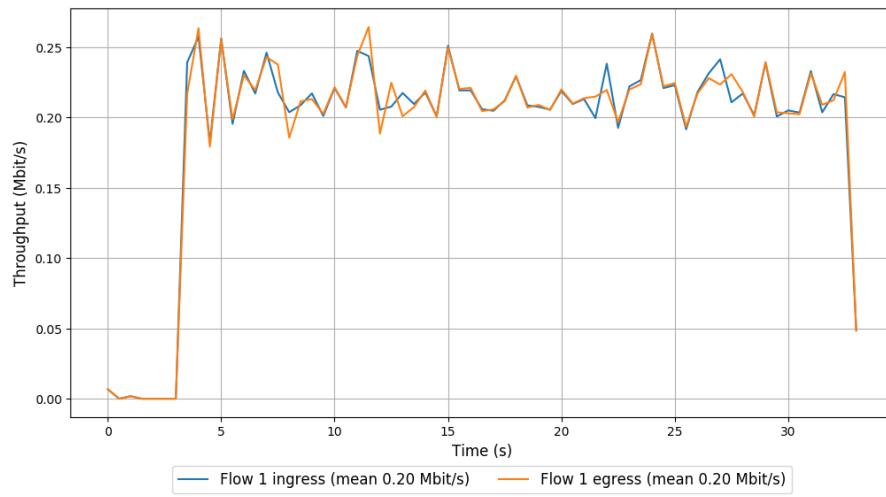


Run 1: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 17:29:26 +0000
End at: Fri, 23 Jun 2017 17:29:56 +0000
Local clock offset: 5.586 ms
Remote clock offset: -30.652 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 39.146 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 39.146 ms
Loss rate: 0.00%
```

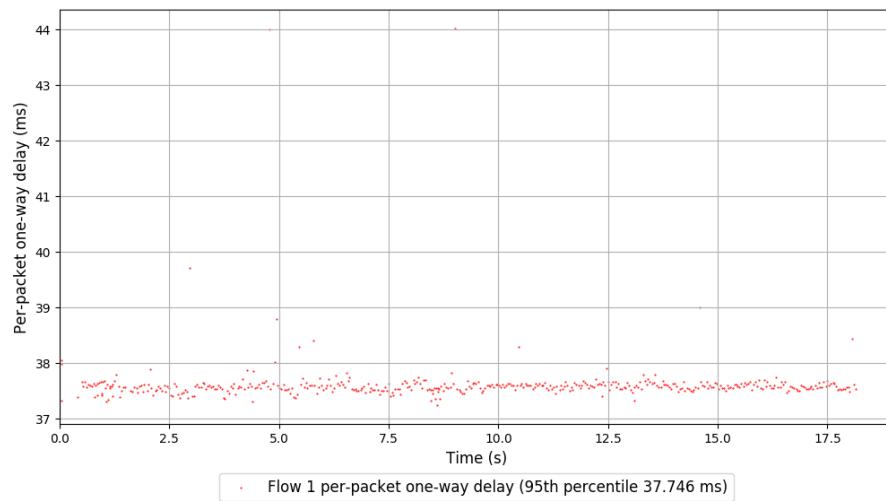
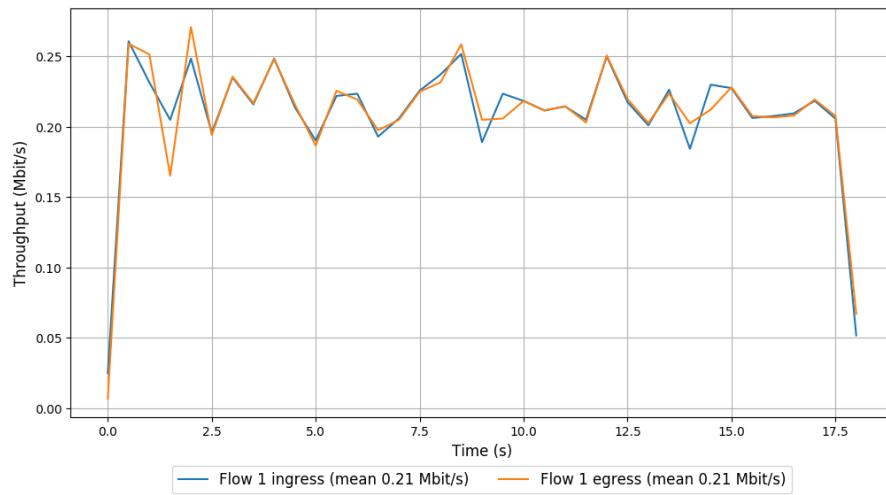
## Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 17:48:30 +0000  
End at: Fri, 23 Jun 2017 17:49:00 +0000  
Local clock offset: 7.736 ms  
Remote clock offset: -30.565 ms

## Run 2: Report of SCReAM — Data Link

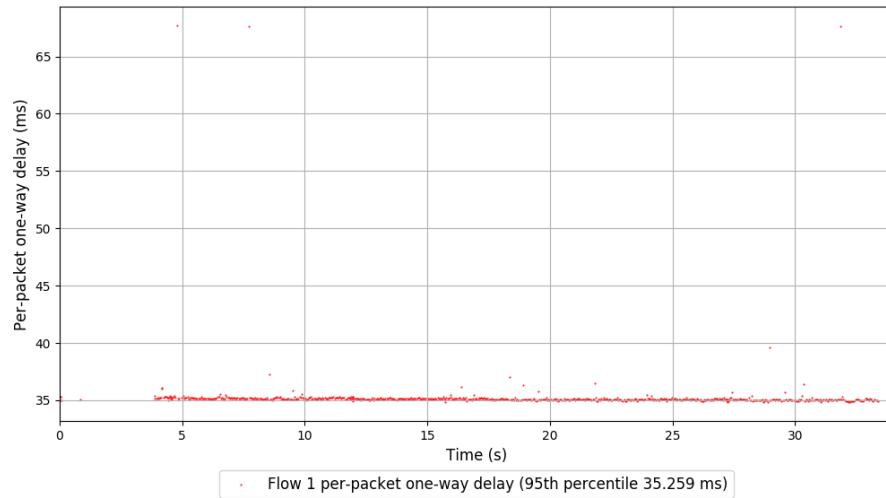
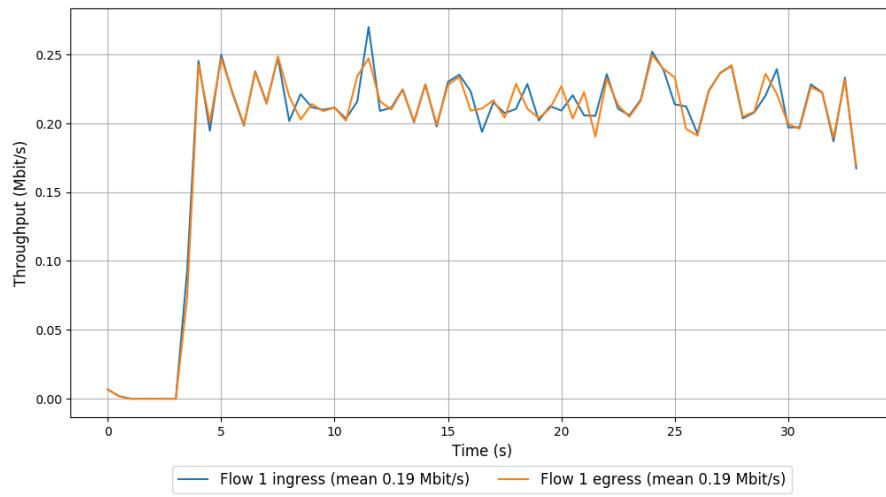


Run 3: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 18:07:43 +0000
End at: Fri, 23 Jun 2017 18:08:13 +0000
Local clock offset: 4.75 ms
Remote clock offset: -30.167 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 35.259 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 35.259 ms
Loss rate: 0.12%
```

Run 3: Report of SCReAM — Data Link

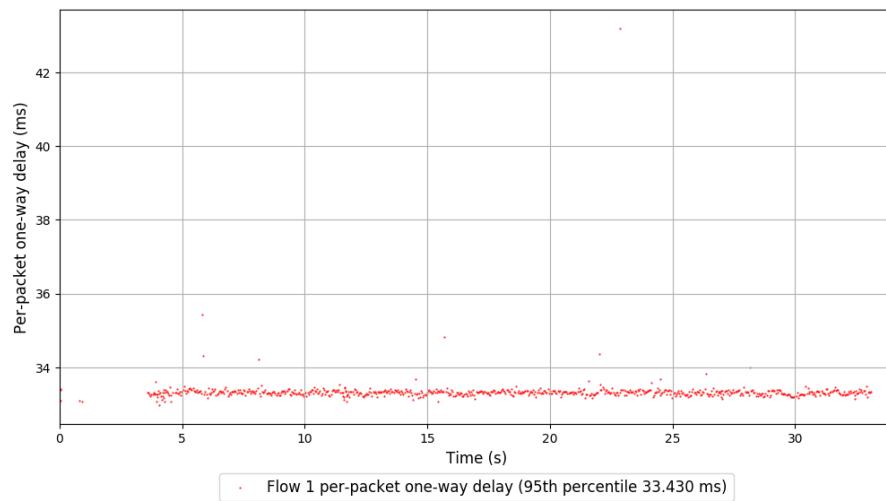
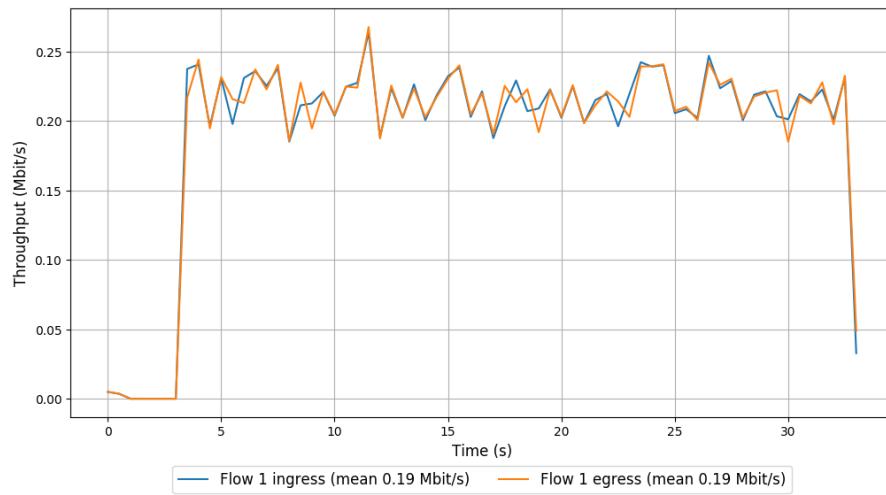


Run 4: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 18:27:01 +0000
End at: Fri, 23 Jun 2017 18:27:31 +0000
Local clock offset: 6.036 ms
Remote clock offset: -28.117 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 33.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 33.430 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

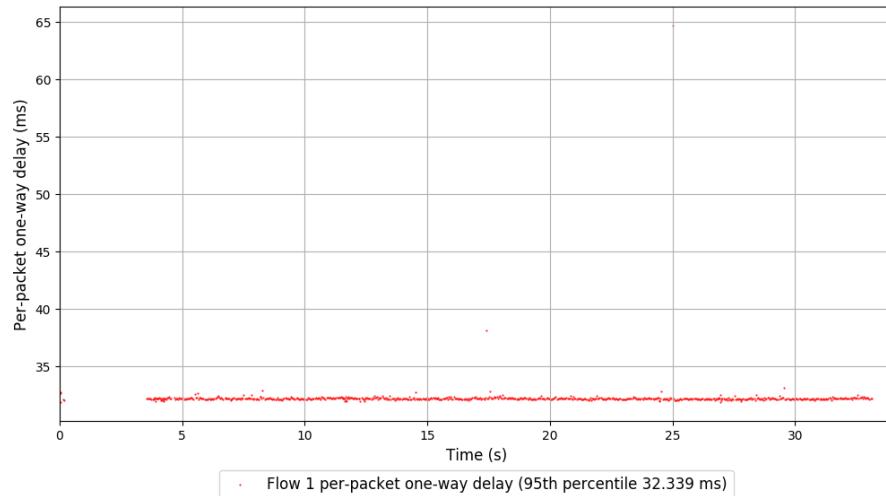
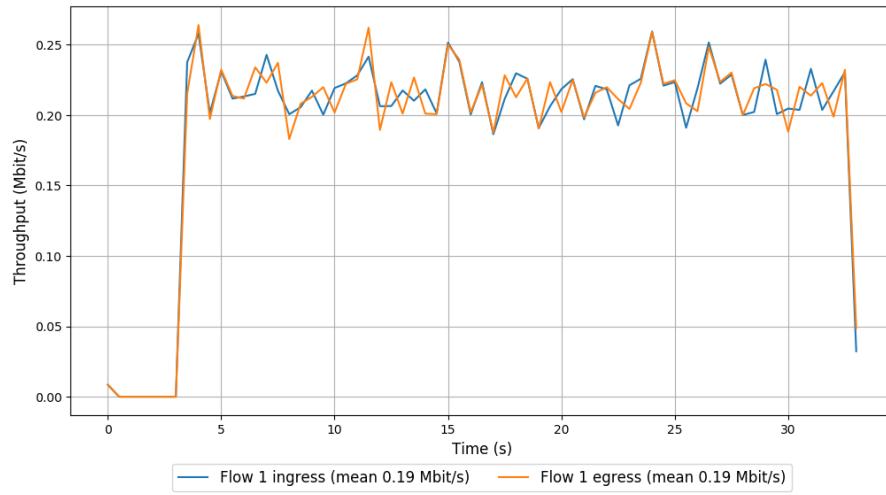


Run 5: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 18:46:05 +0000
End at: Fri, 23 Jun 2017 18:46:35 +0000
Local clock offset: 2.801 ms
Remote clock offset: -12.458 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 32.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 32.339 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

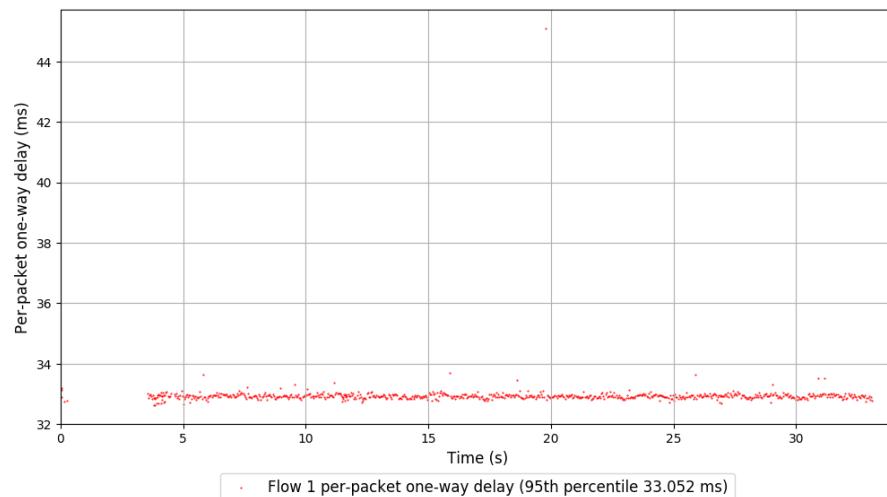
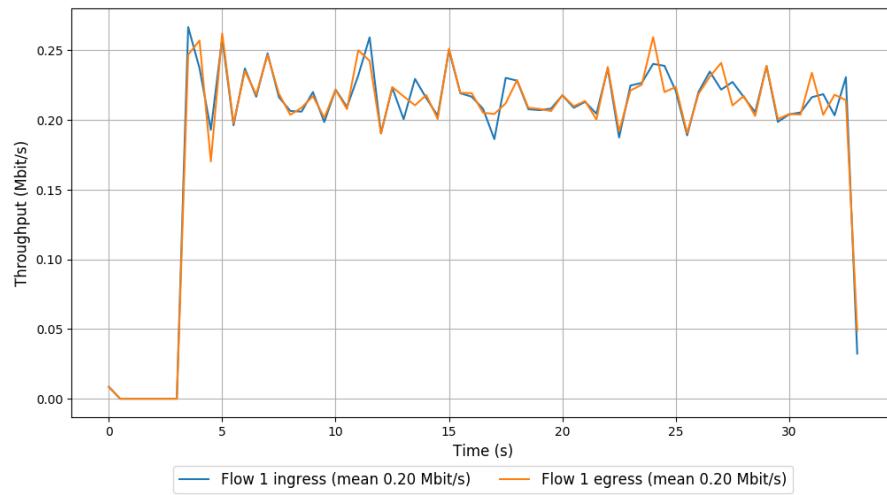


Run 6: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 19:05:10 +0000
End at: Fri, 23 Jun 2017 19:05:40 +0000
Local clock offset: 1.571 ms
Remote clock offset: -15.25 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 33.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 33.052 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

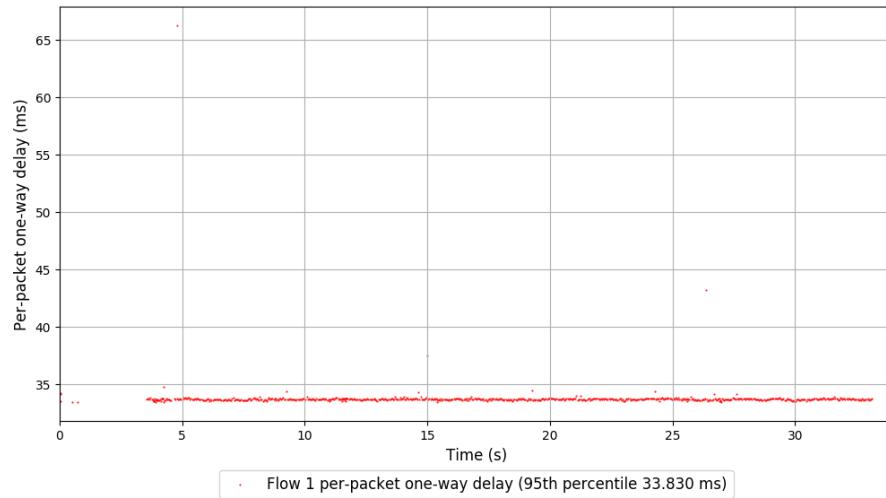
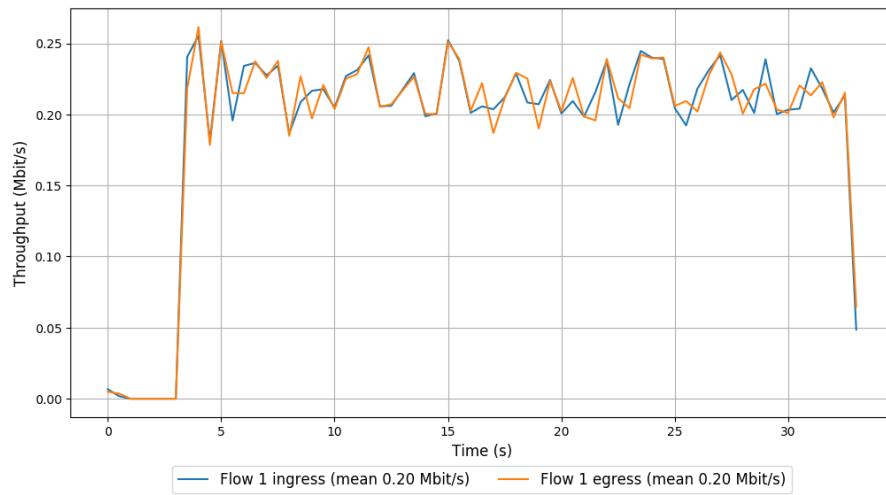


Run 7: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 19:24:08 +0000
End at: Fri, 23 Jun 2017 19:24:38 +0000
Local clock offset: 5.596 ms
Remote clock offset: -13.956 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 33.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 33.830 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

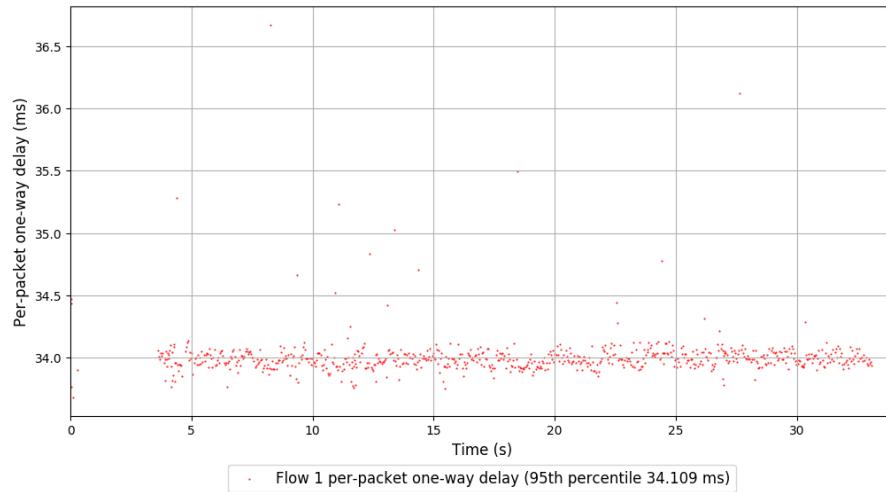
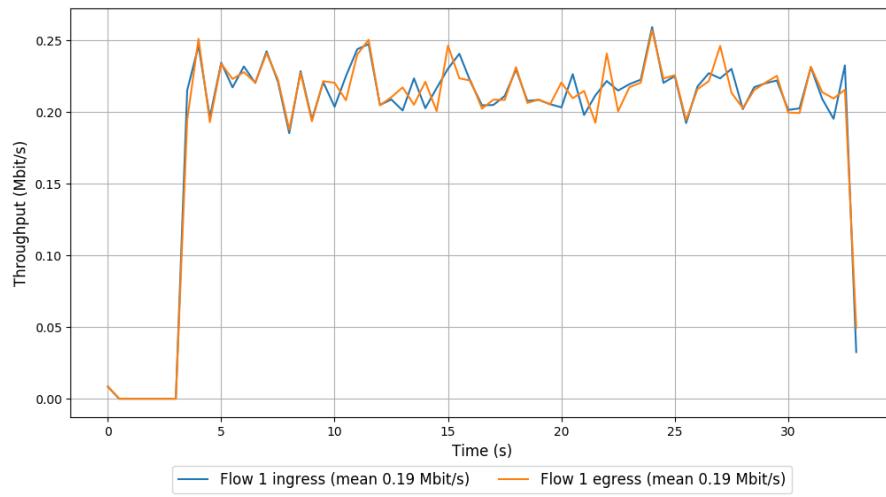


Run 8: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 19:42:51 +0000
End at: Fri, 23 Jun 2017 19:43:21 +0000
Local clock offset: 3.356 ms
Remote clock offset: -13.651 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 34.109 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 34.109 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

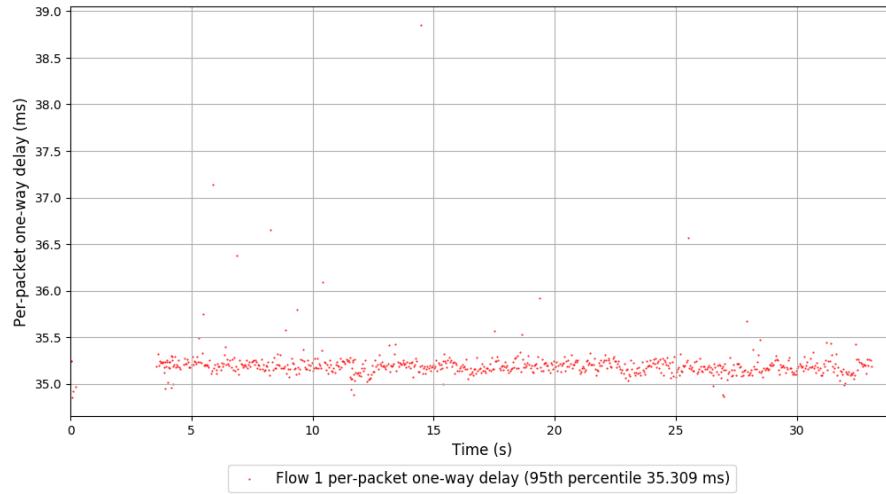
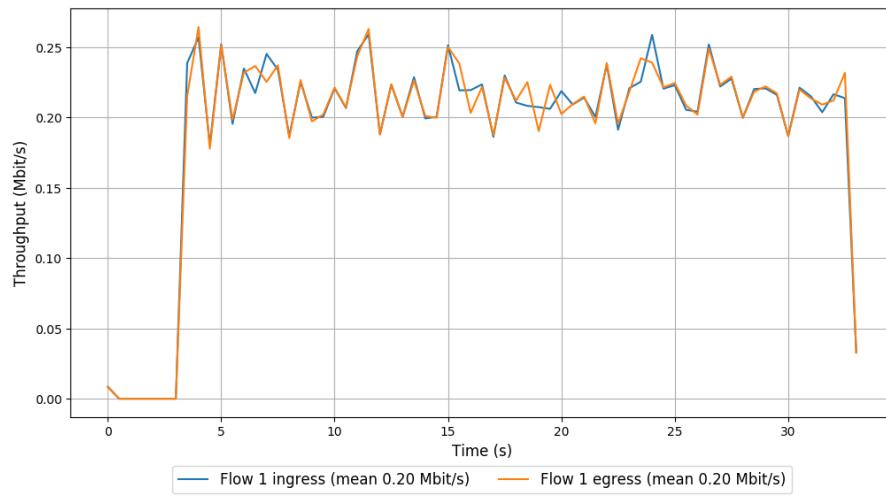


Run 9: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 20:02:11 +0000
End at: Fri, 23 Jun 2017 20:02:41 +0000
Local clock offset: -4.158 ms
Remote clock offset: -14.572 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 35.309 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 35.309 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

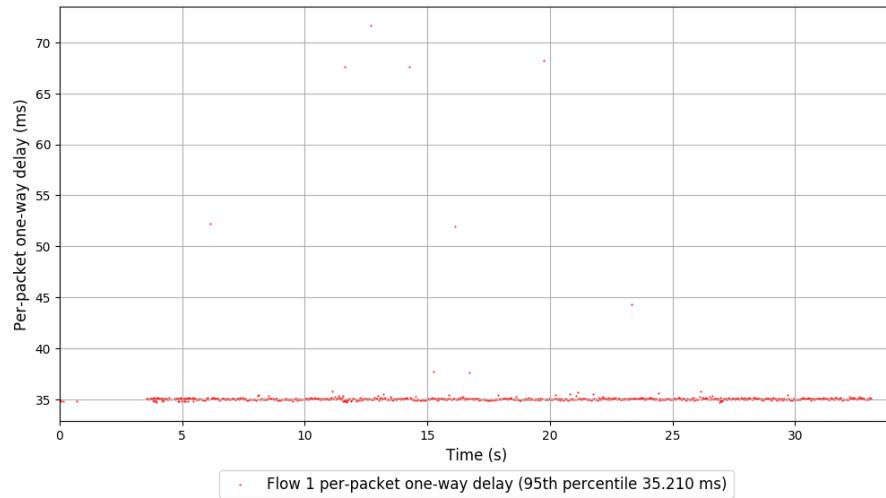
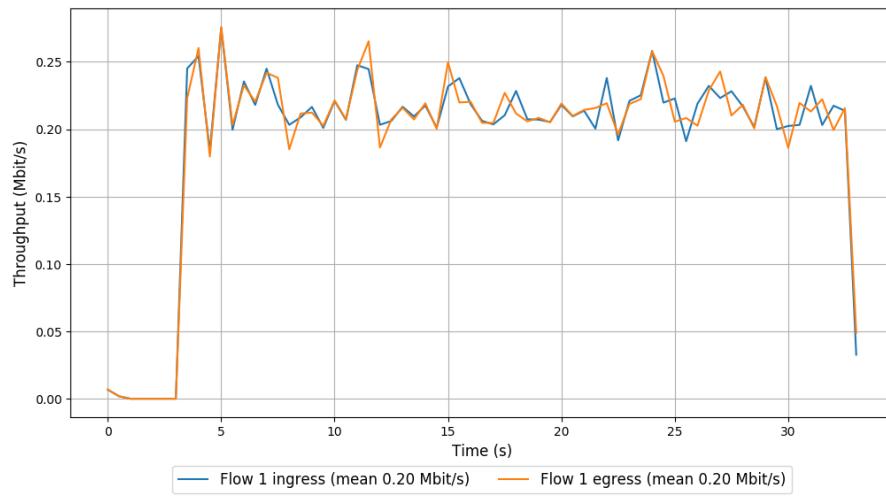


Run 10: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 20:21:14 +0000
End at: Fri, 23 Jun 2017 20:21:44 +0000
Local clock offset: 5.304 ms
Remote clock offset: -15.805 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:22:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 35.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 35.210 ms
Loss rate: 0.00%
```

## Run 10: Report of SCReAM — Data Link

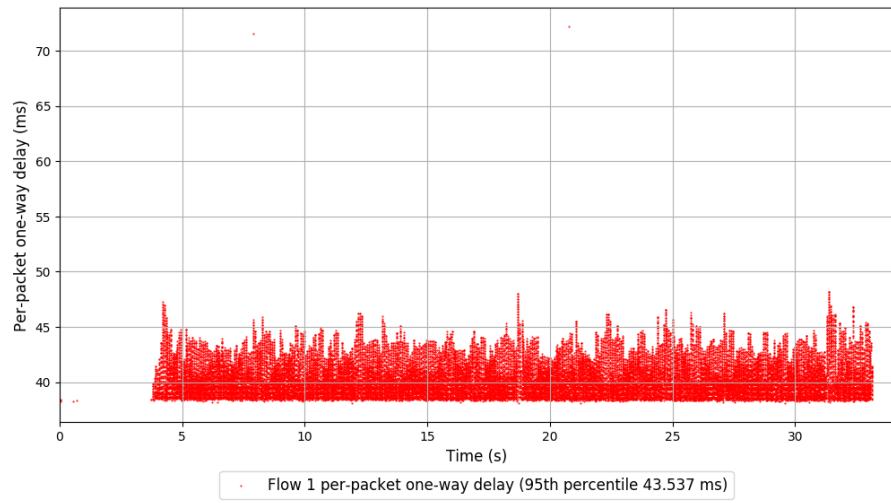
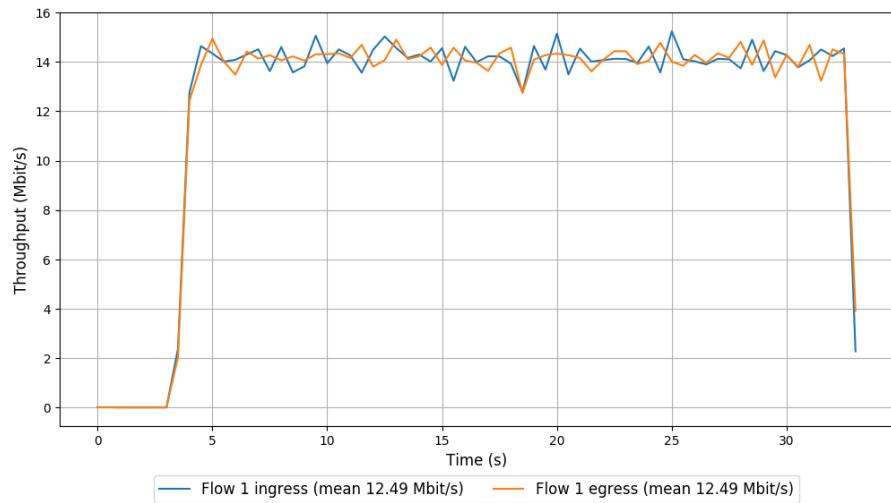


Run 1: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 17:28:11 +0000
End at: Fri, 23 Jun 2017 17:28:41 +0000
Local clock offset: 5.826 ms
Remote clock offset: -30.503 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:23:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.49 Mbit/s
95th percentile per-packet one-way delay: 43.537 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.49 Mbit/s
95th percentile per-packet one-way delay: 43.537 ms
Loss rate: 0.00%
```

## Run 1: Report of Sprout — Data Link

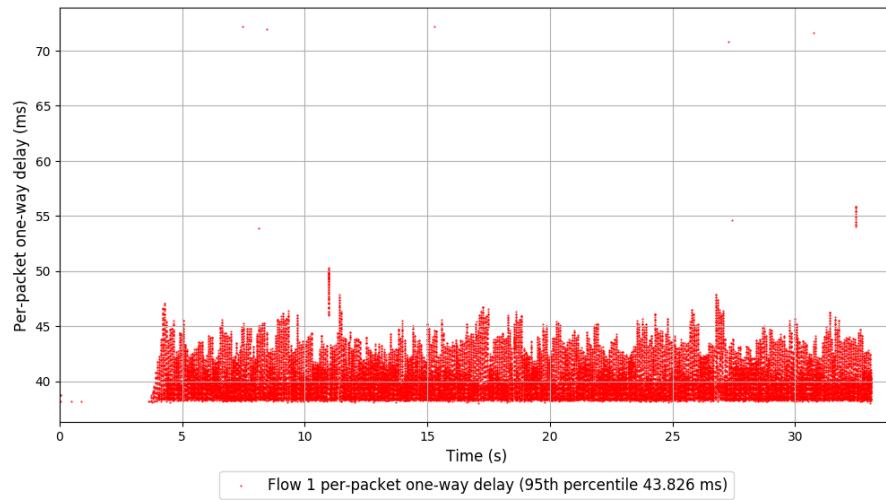
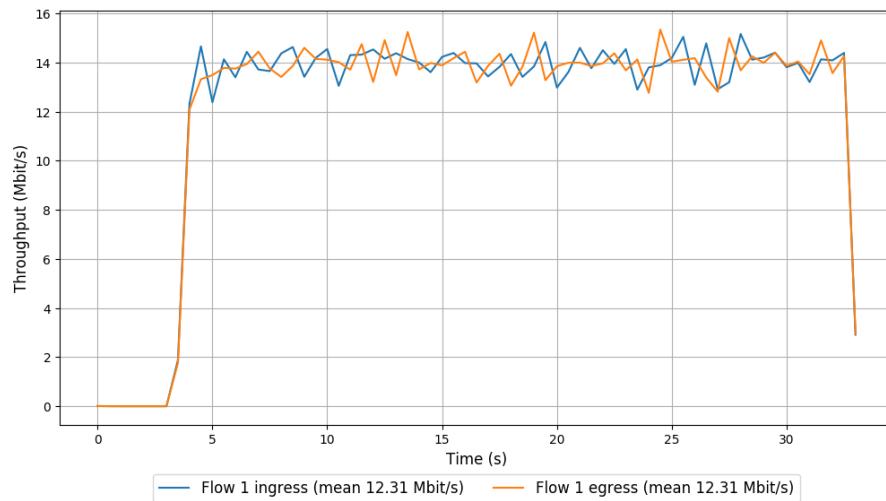


Run 2: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 17:47:20 +0000
End at: Fri, 23 Jun 2017 17:47:50 +0000
Local clock offset: 7.911 ms
Remote clock offset: -25.745 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:23:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 43.826 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 43.826 ms
Loss rate: 0.12%
```

## Run 2: Report of Sprout — Data Link

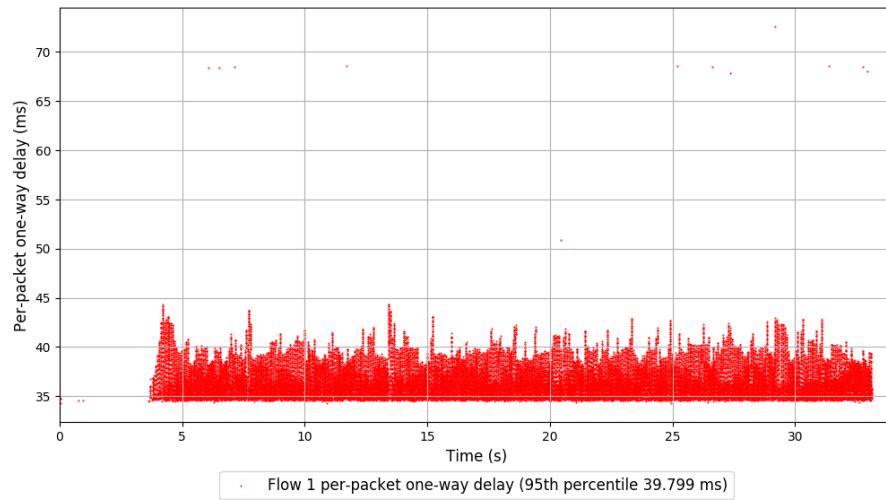
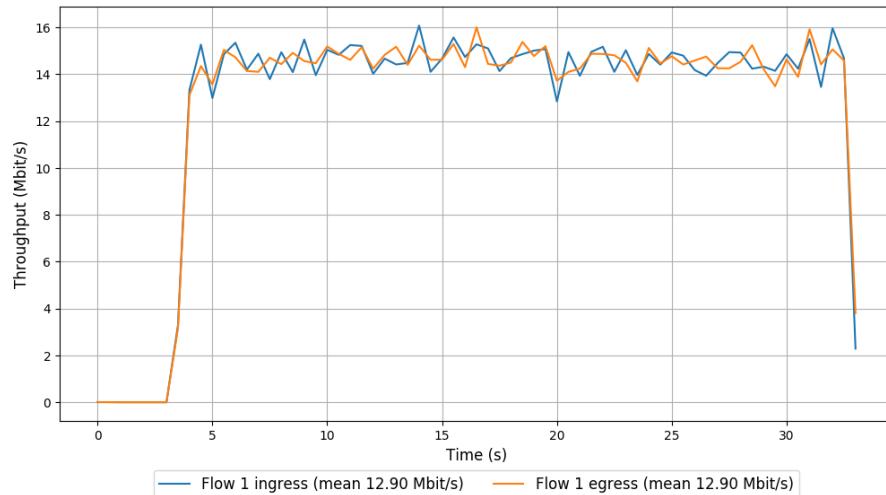


Run 3: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 18:06:32 +0000
End at: Fri, 23 Jun 2017 18:07:02 +0000
Local clock offset: 4.722 ms
Remote clock offset: -26.495 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:23:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 39.799 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 39.799 ms
Loss rate: 0.01%
```

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

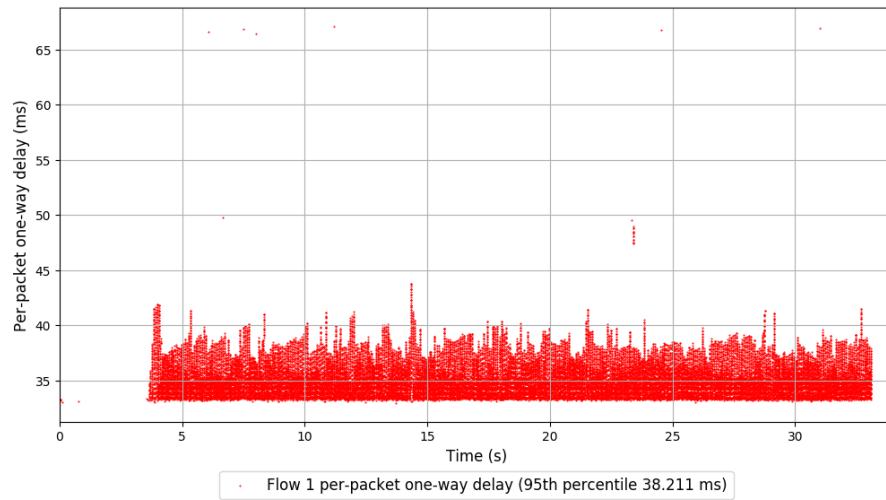
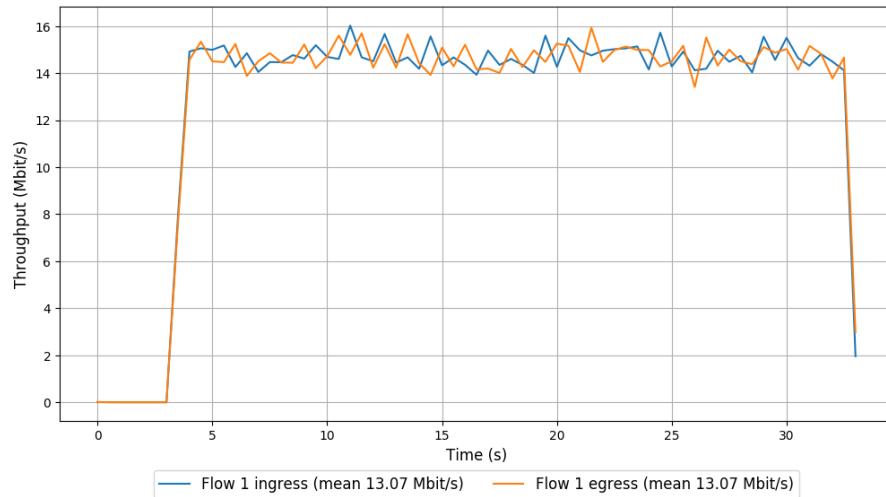


Run 4: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 18:25:49 +0000
End at: Fri, 23 Jun 2017 18:26:19 +0000
Local clock offset: -10.953 ms
Remote clock offset: -38.185 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:23:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.07 Mbit/s
95th percentile per-packet one-way delay: 38.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.07 Mbit/s
95th percentile per-packet one-way delay: 38.211 ms
Loss rate: 0.00%
```

## Run 4: Report of Sprout — Data Link

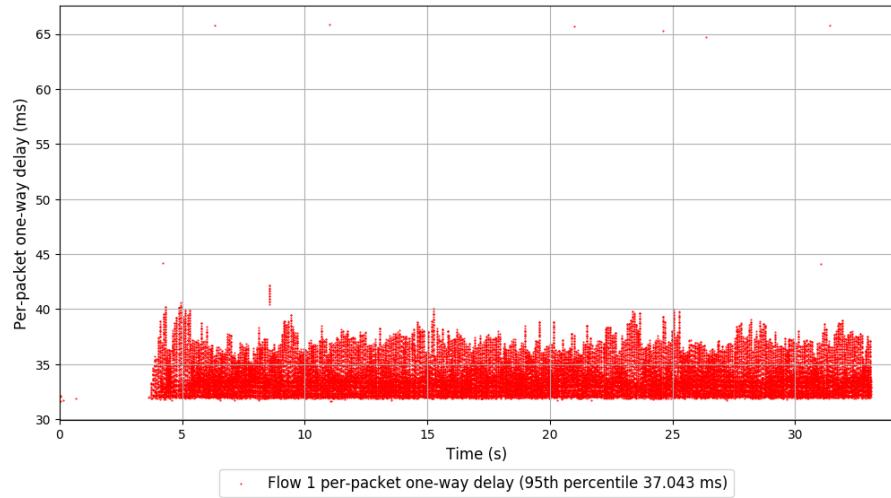
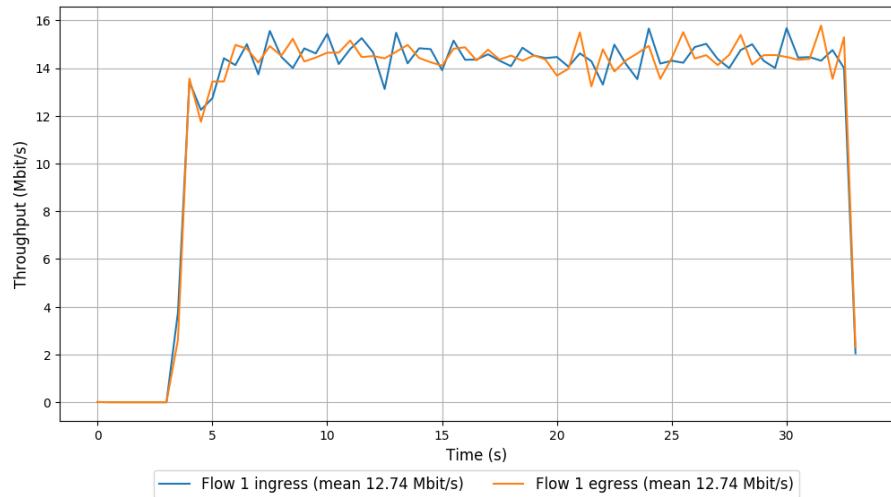


Run 5: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 18:44:54 +0000
End at: Fri, 23 Jun 2017 18:45:24 +0000
Local clock offset: 2.443 ms
Remote clock offset: -13.573 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:23:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.74 Mbit/s
95th percentile per-packet one-way delay: 37.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.74 Mbit/s
95th percentile per-packet one-way delay: 37.043 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

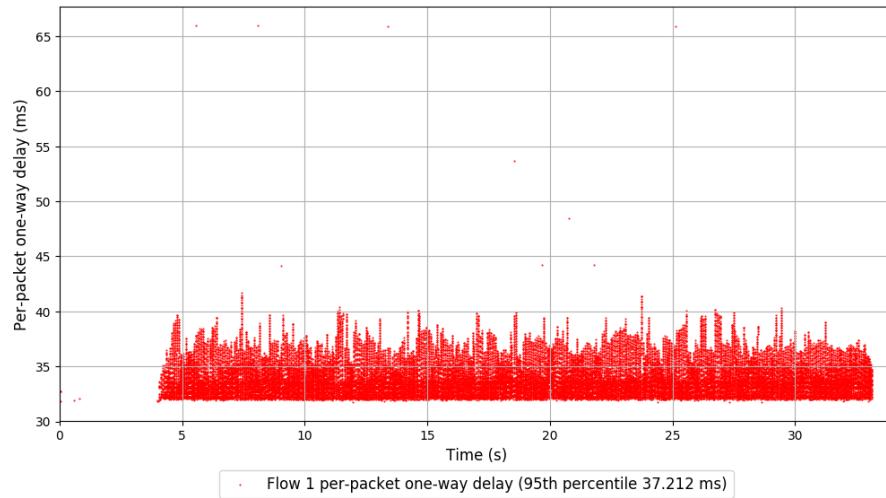
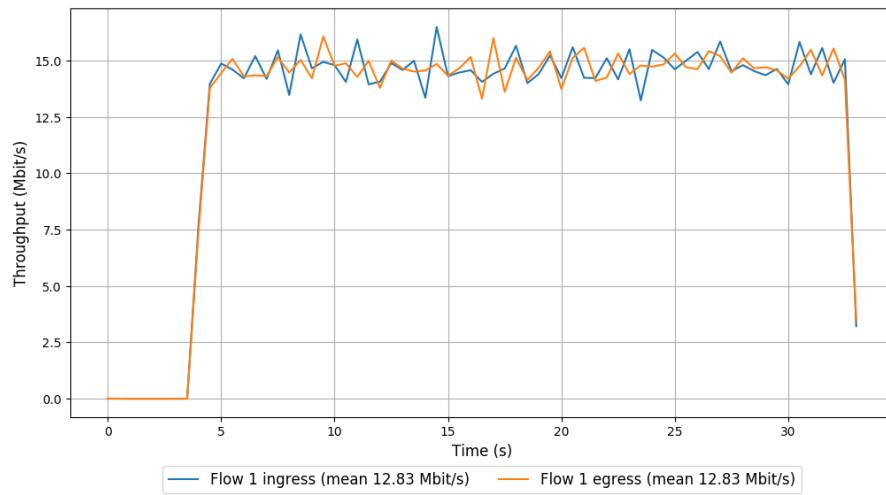


Run 6: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 19:03:59 +0000
End at: Fri, 23 Jun 2017 19:04:29 +0000
Local clock offset: -7.596 ms
Remote clock offset: -15.143 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:23:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 37.212 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 37.212 ms
Loss rate: 0.08%
```

Run 6: Report of Sprout — Data Link

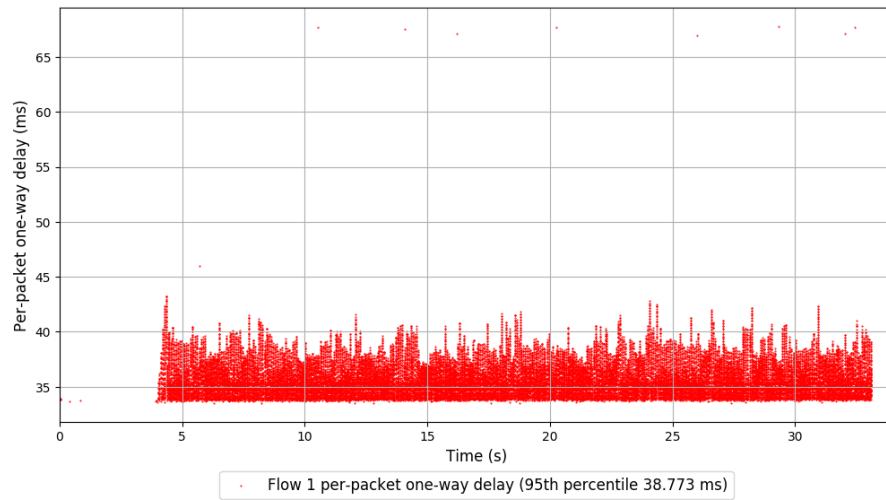
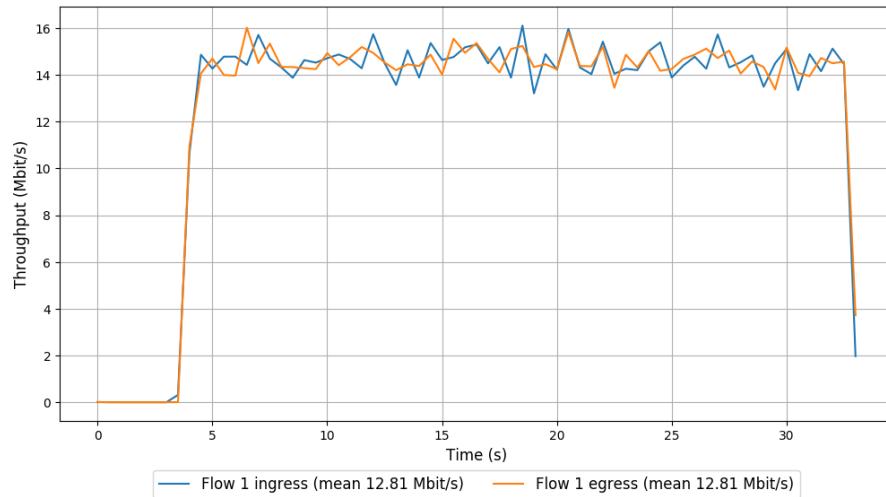


Run 7: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 19:22:58 +0000
End at: Fri, 23 Jun 2017 19:23:28 +0000
Local clock offset: 2.395 ms
Remote clock offset: -13.901 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:23:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 38.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 38.773 ms
Loss rate: 0.00%
```

## Run 7: Report of Sprout — Data Link

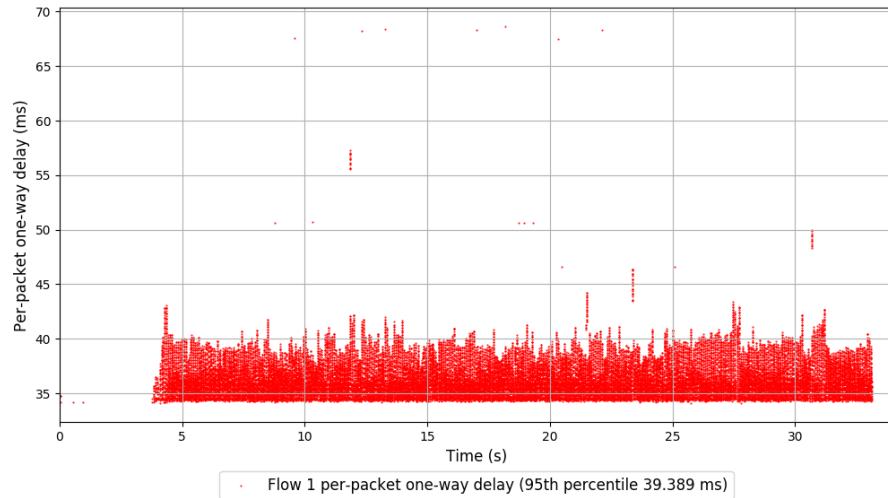
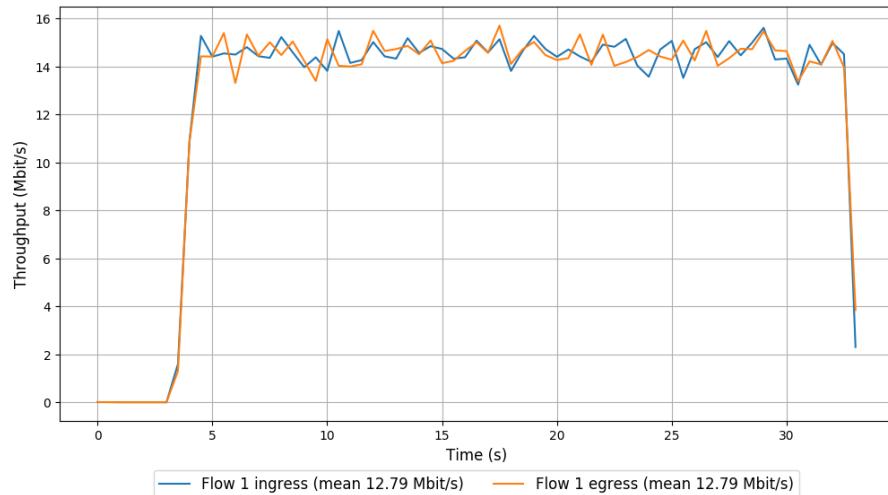


Run 8: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 19:41:41 +0000
End at: Fri, 23 Jun 2017 19:42:11 +0000
Local clock offset: 3.384 ms
Remote clock offset: -13.936 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 39.389 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 39.389 ms
Loss rate: 0.00%
```

## Run 8: Report of Sprout — Data Link

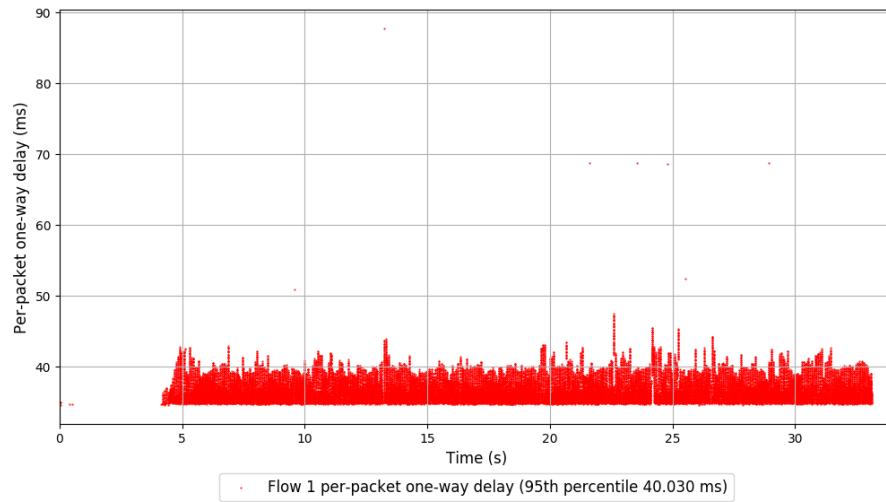
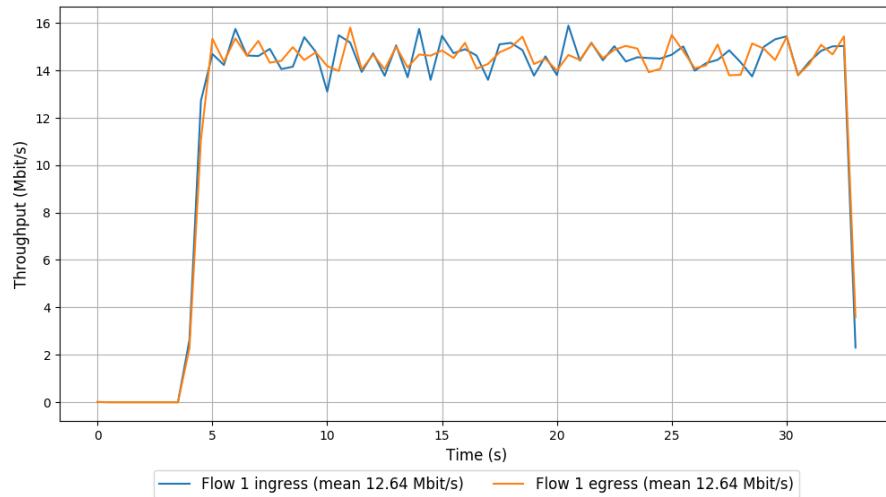


Run 9: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 20:01:01 +0000
End at: Fri, 23 Jun 2017 20:01:31 +0000
Local clock offset: 1.435 ms
Remote clock offset: -15.175 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.64 Mbit/s
95th percentile per-packet one-way delay: 40.030 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.64 Mbit/s
95th percentile per-packet one-way delay: 40.030 ms
Loss rate: 0.00%
```

## Run 9: Report of Sprout — Data Link

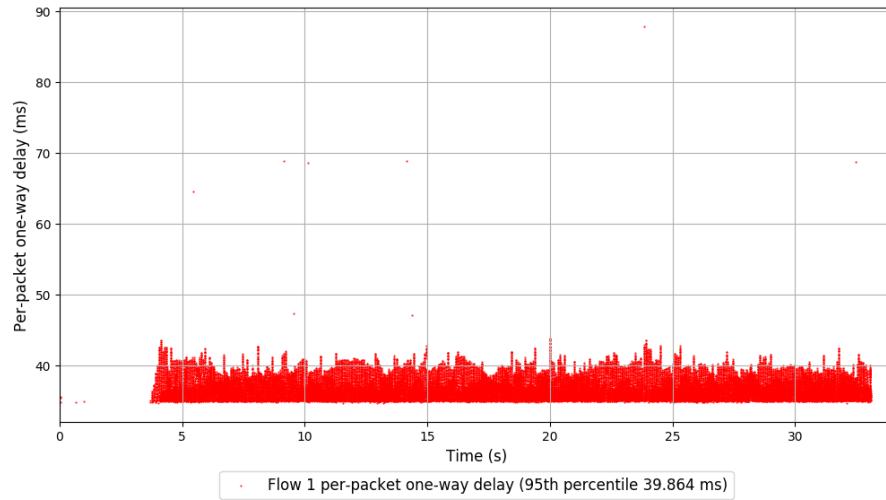
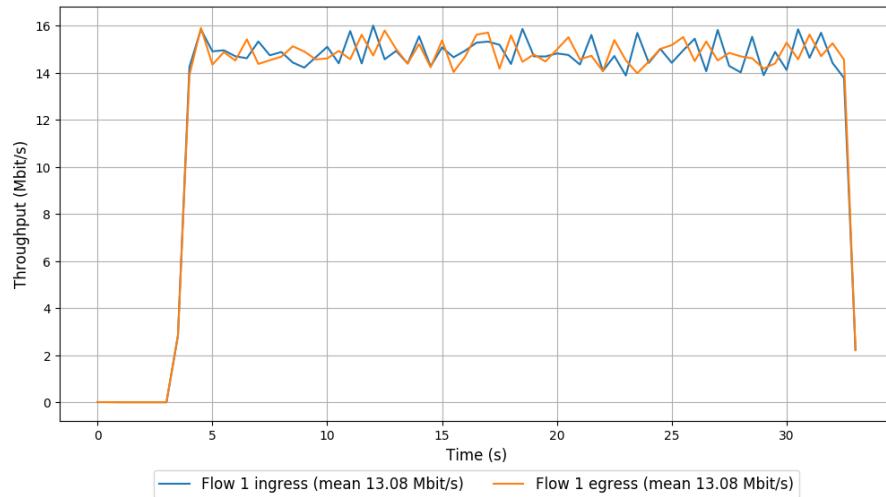


Run 10: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 20:20:03 +0000
End at: Fri, 23 Jun 2017 20:20:33 +0000
Local clock offset: 6.471 ms
Remote clock offset: -16.773 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 39.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 39.864 ms
Loss rate: 0.00%
```

## Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 17:33:12 +0000

End at: Fri, 23 Jun 2017 17:33:42 +0000

Local clock offset: 1.47 ms

Remote clock offset: -27.738 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.34 Mbit/s

95th percentile per-packet one-way delay: 39.906 ms

Loss rate: 0.00%

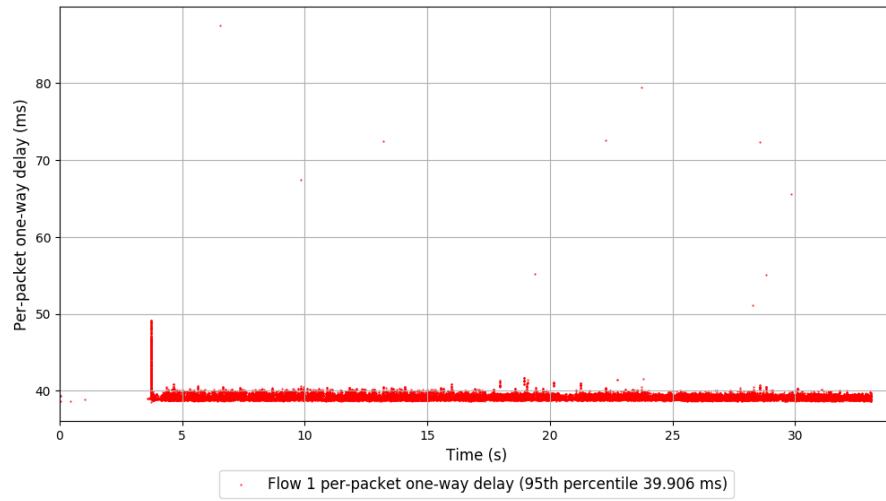
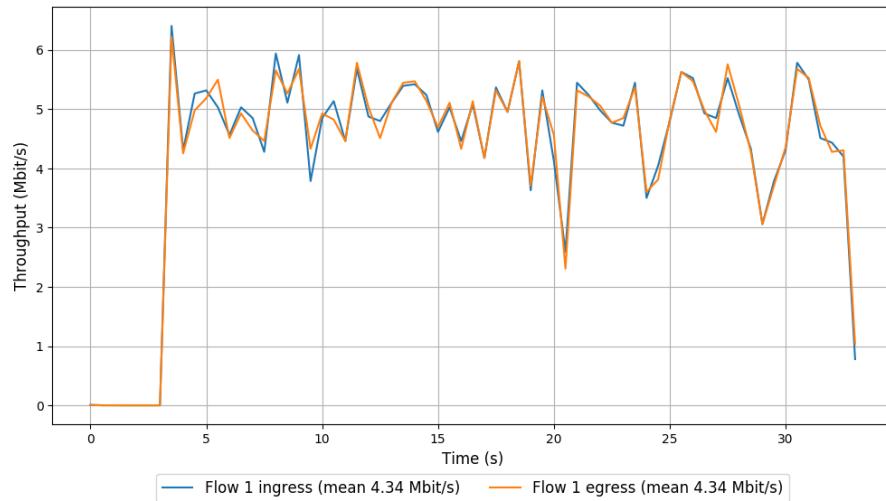
-- Flow 1:

Average throughput: 4.34 Mbit/s

95th percentile per-packet one-way delay: 39.906 ms

Loss rate: 0.00%

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

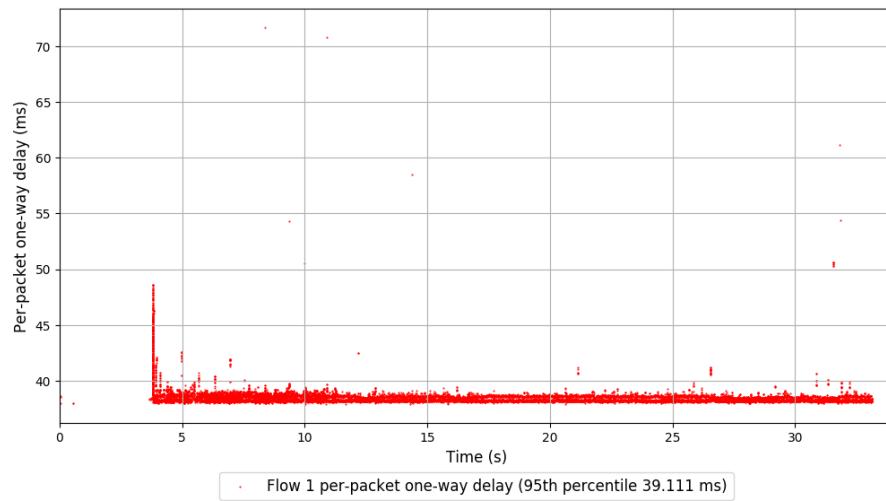
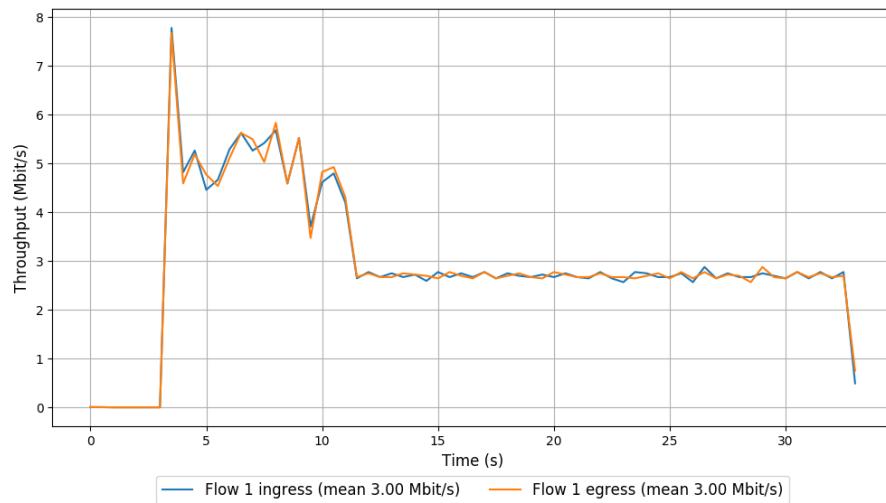


Run 2: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 17:52:11 +0000
End at: Fri, 23 Jun 2017 17:52:41 +0000
Local clock offset: 5.599 ms
Remote clock offset: -30.331 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 39.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 39.111 ms
Loss rate: 0.00%
```

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

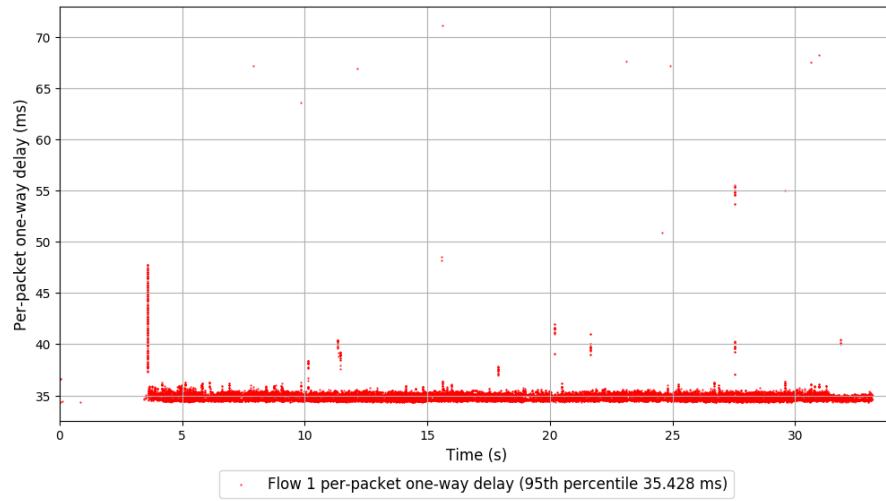
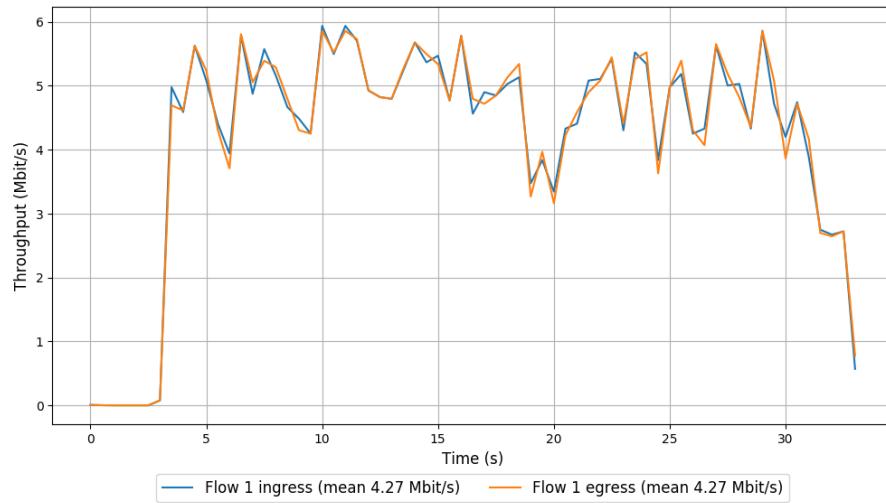


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 18:11:23 +0000
End at: Fri, 23 Jun 2017 18:11:53 +0000
Local clock offset: 4.338 ms
Remote clock offset: -28.187 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.27 Mbit/s
95th percentile per-packet one-way delay: 35.428 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.27 Mbit/s
95th percentile per-packet one-way delay: 35.428 ms
Loss rate: 0.00%
```

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

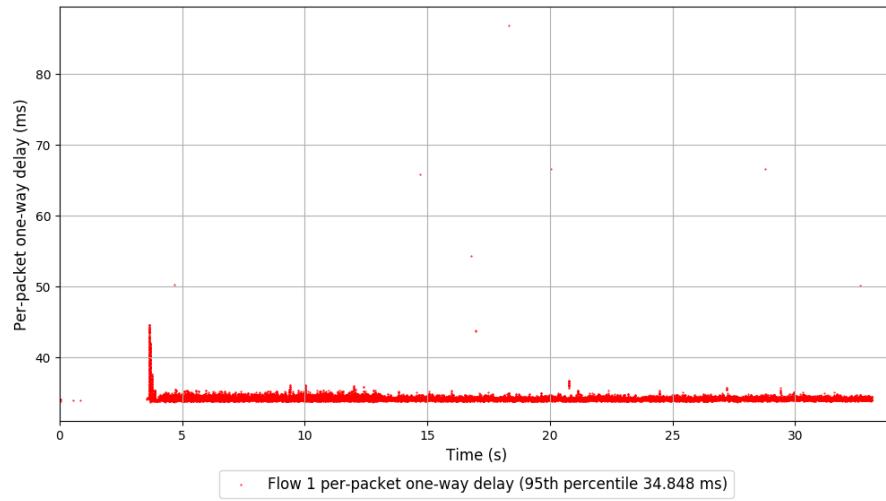
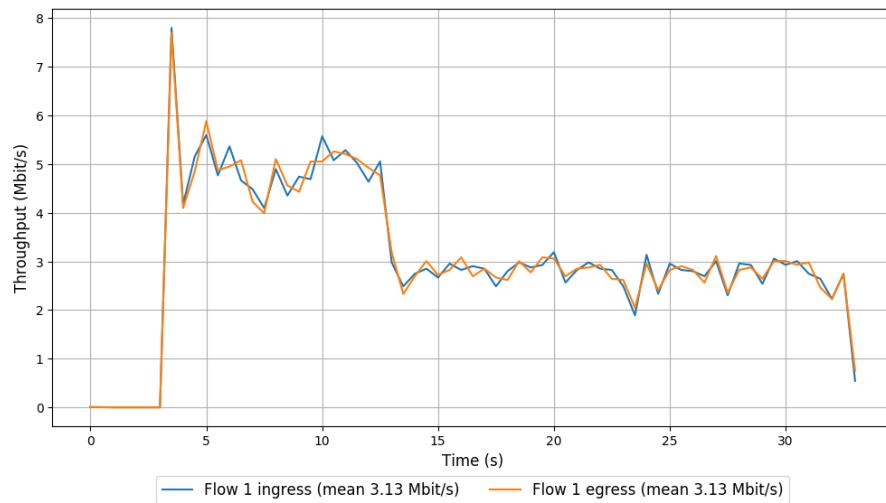


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 18:30:42 +0000
End at: Fri, 23 Jun 2017 18:31:12 +0000
Local clock offset: 0.239 ms
Remote clock offset: -23.61 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.13 Mbit/s
95th percentile per-packet one-way delay: 34.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.13 Mbit/s
95th percentile per-packet one-way delay: 34.848 ms
Loss rate: 0.00%
```

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

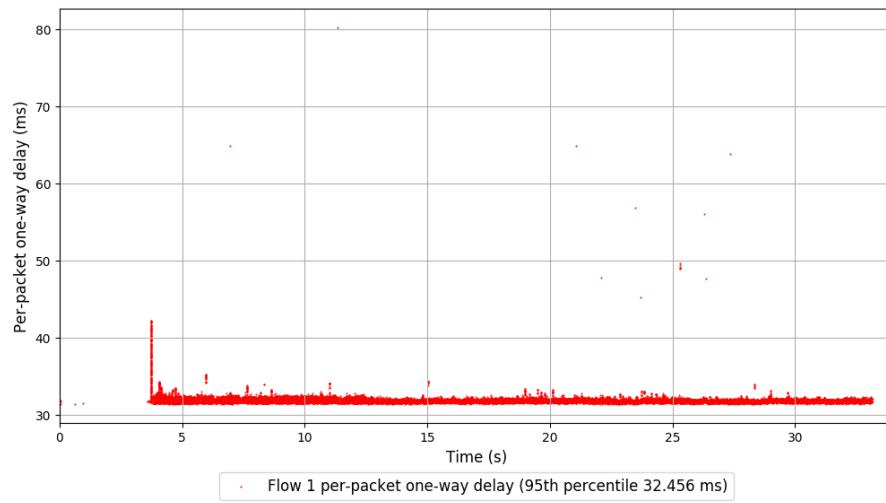
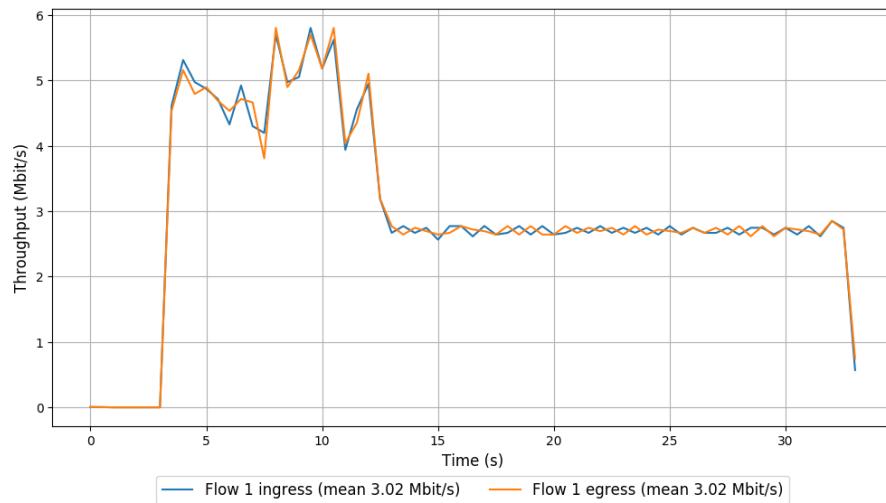


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 18:49:45 +0000
End at: Fri, 23 Jun 2017 18:50:15 +0000
Local clock offset: 2.689 ms
Remote clock offset: -13.871 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 32.456 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 32.456 ms
Loss rate: 0.01%
```

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

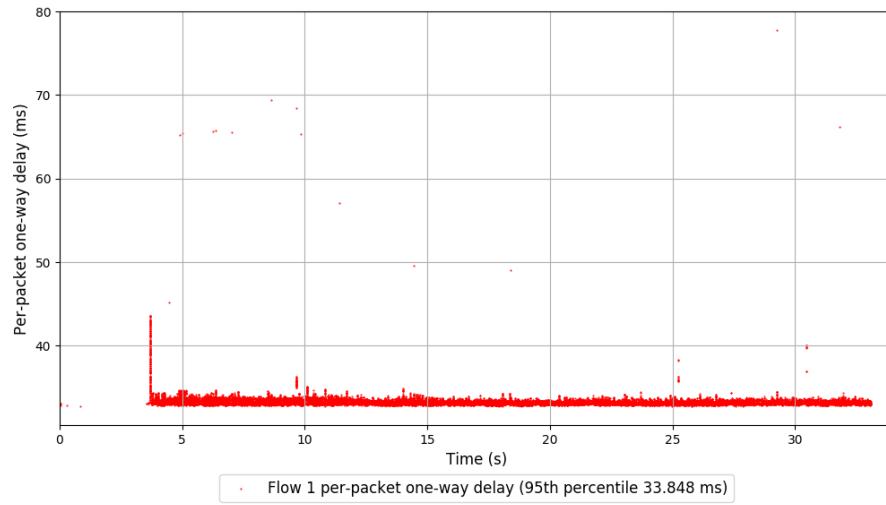
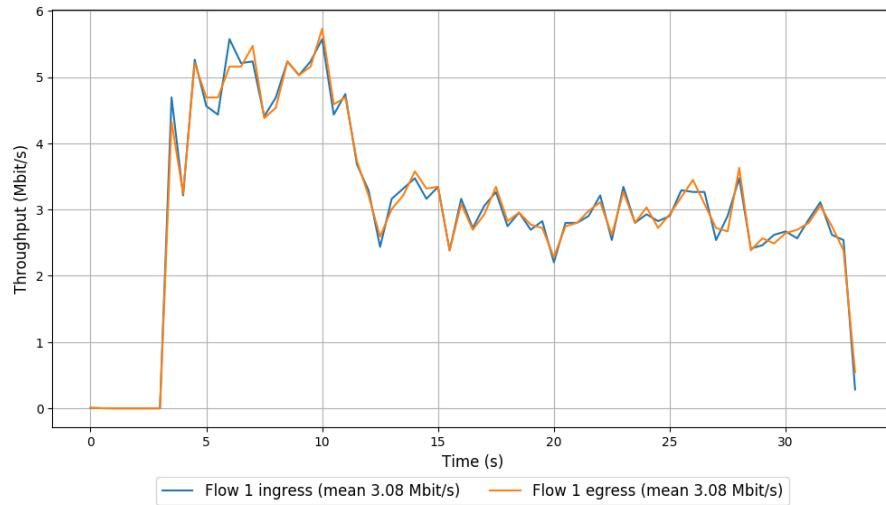


Run 6: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 19:08:50 +0000
End at: Fri, 23 Jun 2017 19:09:20 +0000
Local clock offset: 0.831 ms
Remote clock offset: -16.156 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:24:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 33.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 33.848 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 19:27:45 +0000

End at: Fri, 23 Jun 2017 19:28:15 +0000

Local clock offset: 2.601 ms

Remote clock offset: -14.375 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:25:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.40 Mbit/s

95th percentile per-packet one-way delay: 34.577 ms

Loss rate: 0.06%

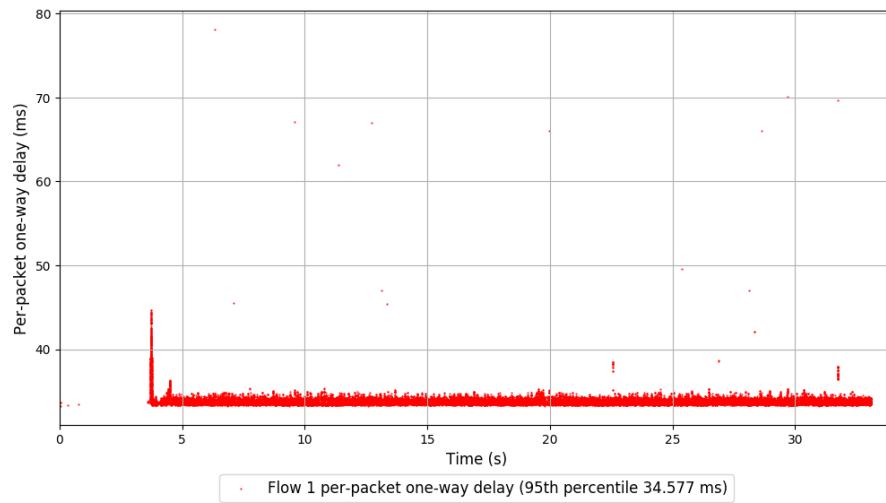
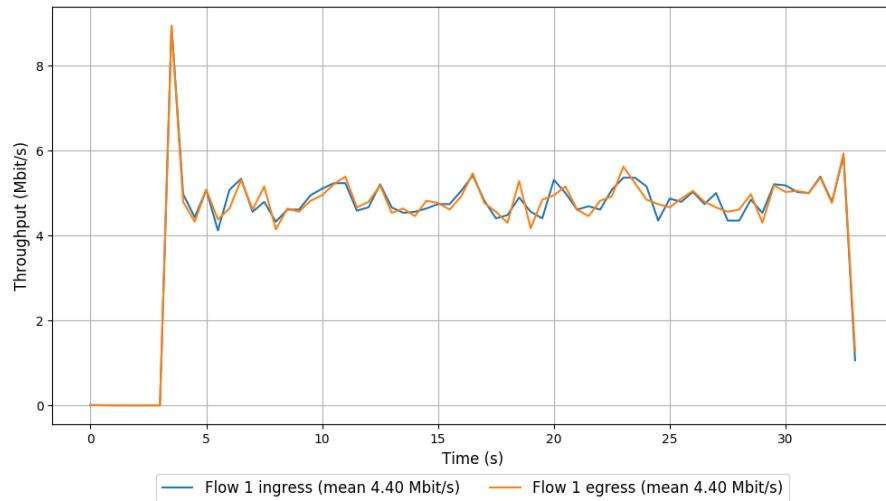
-- Flow 1:

Average throughput: 4.40 Mbit/s

95th percentile per-packet one-way delay: 34.577 ms

Loss rate: 0.06%

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

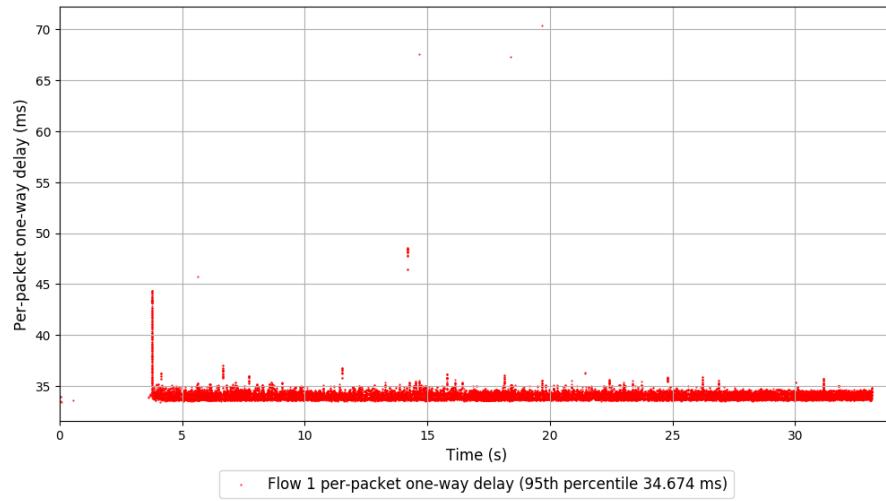
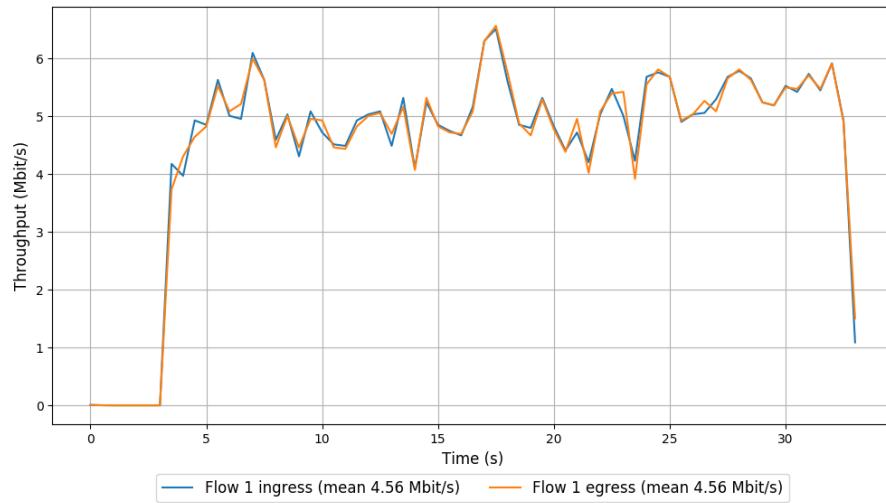


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 19:46:28 +0000
End at: Fri, 23 Jun 2017 19:46:58 +0000
Local clock offset: 3.251 ms
Remote clock offset: -14.716 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:25:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.56 Mbit/s
95th percentile per-packet one-way delay: 34.674 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.56 Mbit/s
95th percentile per-packet one-way delay: 34.674 ms
Loss rate: 0.00%
```

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

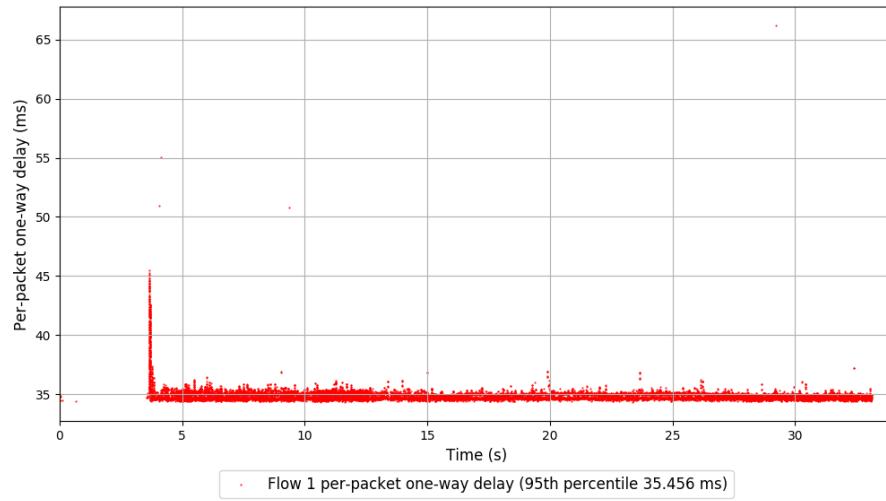
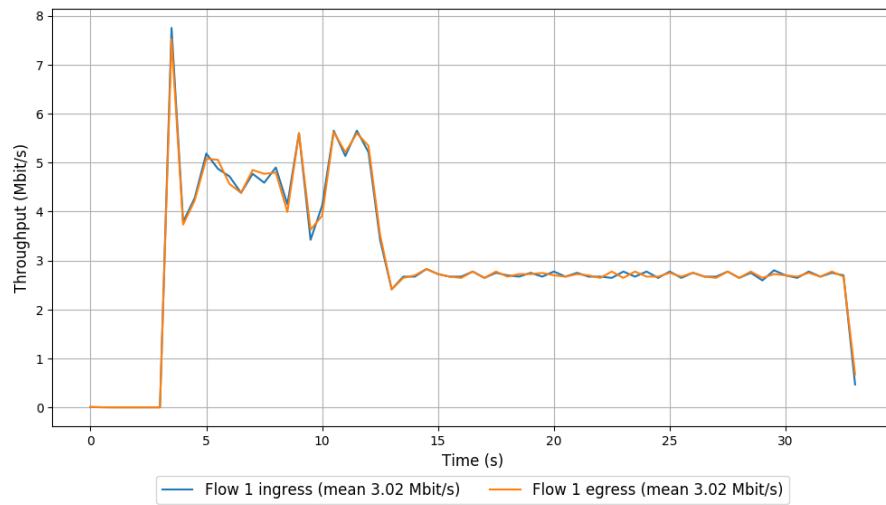


Run 9: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 20:05:50 +0000
End at: Fri, 23 Jun 2017 20:06:20 +0000
Local clock offset: 3.88 ms
Remote clock offset: -15.611 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:25:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 35.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 35.456 ms
Loss rate: 0.00%
```

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

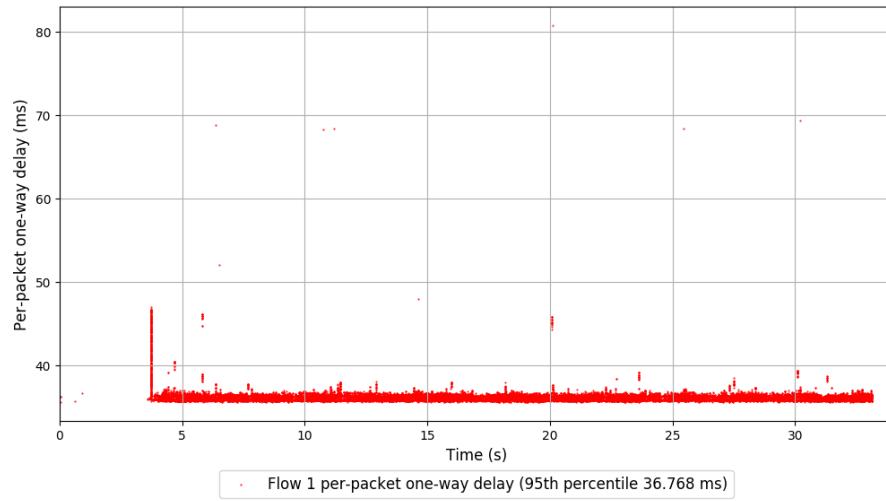
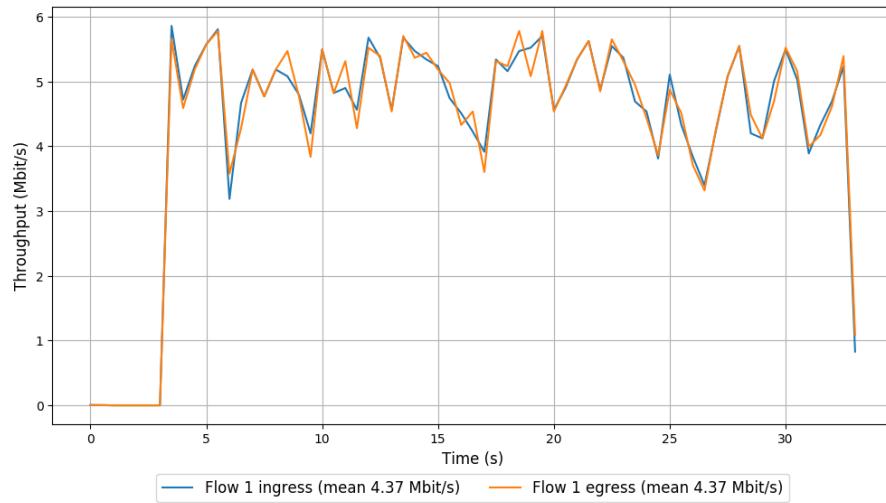


Run 10: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 20:24:58 +0000
End at: Fri, 23 Jun 2017 20:25:28 +0000
Local clock offset: 1.251 ms
Remote clock offset: -14.344 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:25:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 36.768 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 36.768 ms
Loss rate: 0.00%
```

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

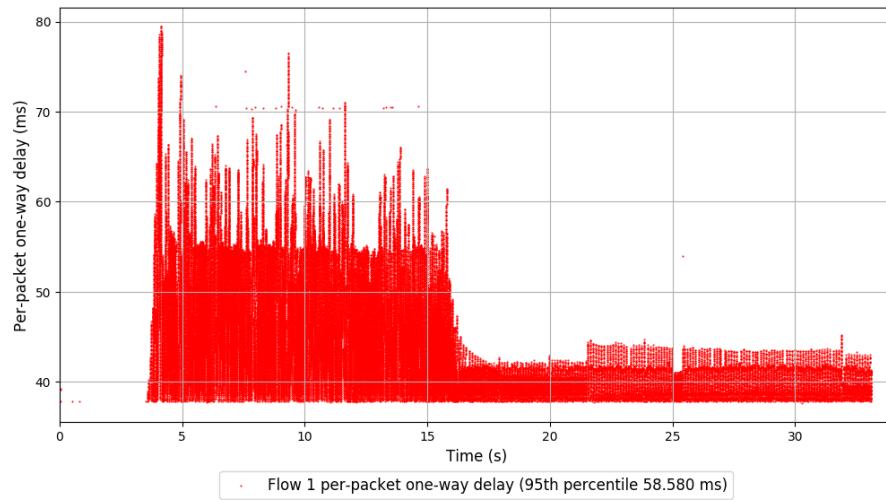
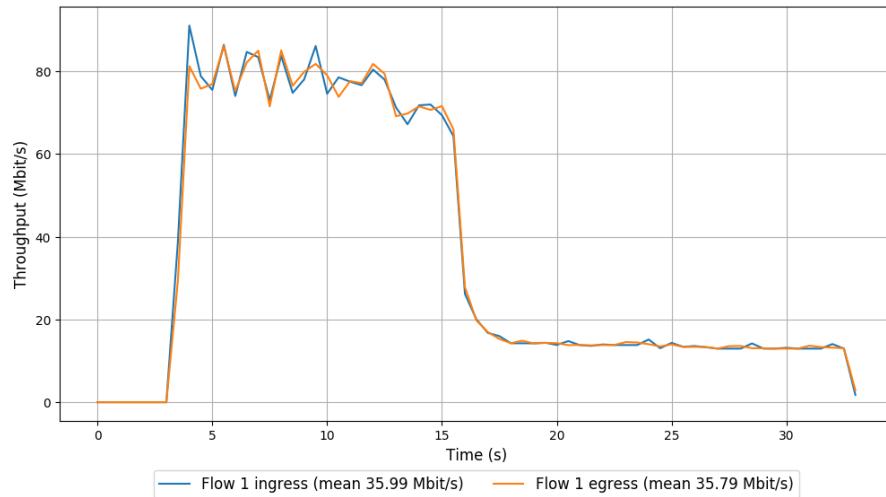


Run 1: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 17:35:51 +0000
End at: Fri, 23 Jun 2017 17:36:21 +0000
Local clock offset: 3.11 ms
Remote clock offset: -26.75 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:25:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 58.580 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 58.580 ms
Loss rate: 0.57%
```

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

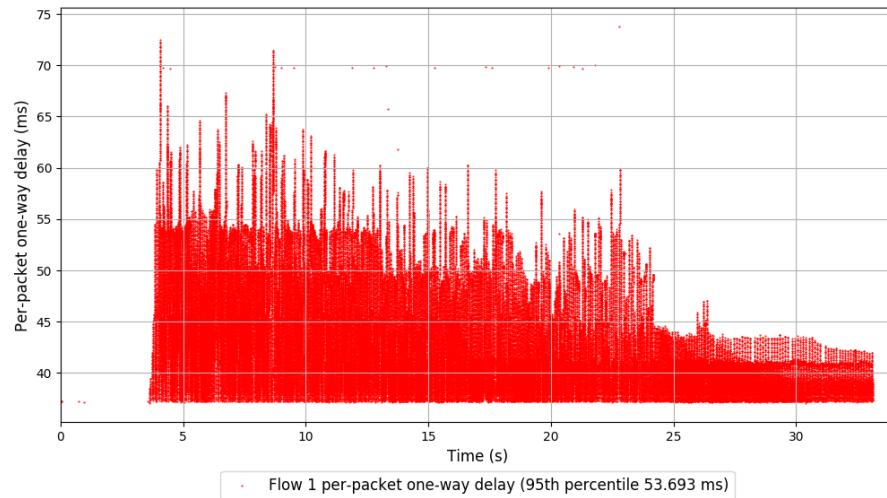
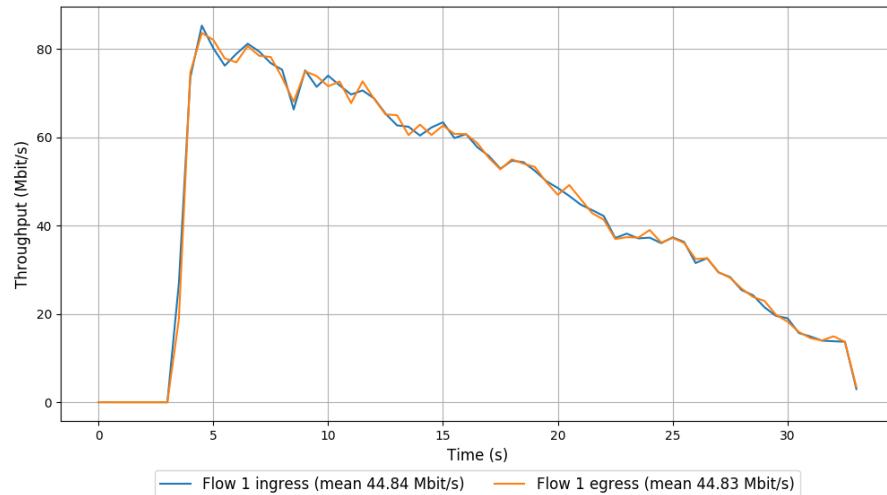


Run 2: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 17:54:47 +0000
End at: Fri, 23 Jun 2017 17:55:17 +0000
Local clock offset: 6.093 ms
Remote clock offset: -28.95 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:25:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.83 Mbit/s
95th percentile per-packet one-way delay: 53.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.83 Mbit/s
95th percentile per-packet one-way delay: 53.693 ms
Loss rate: 0.00%
```

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

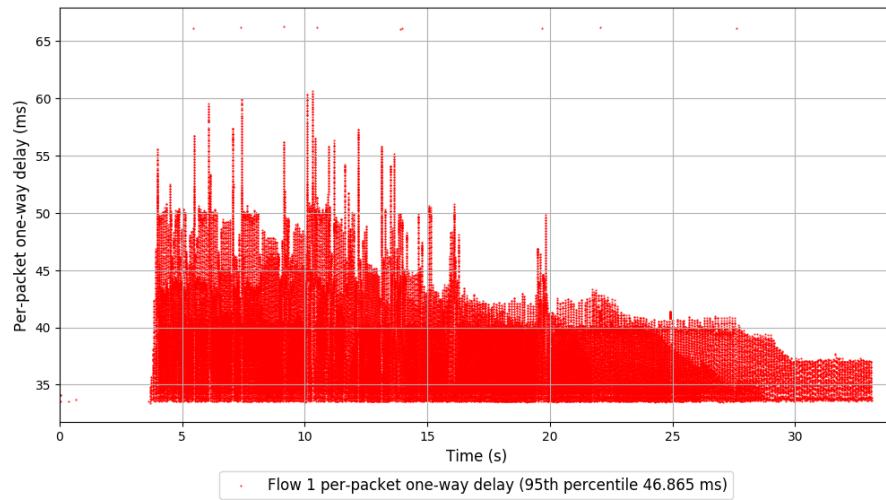
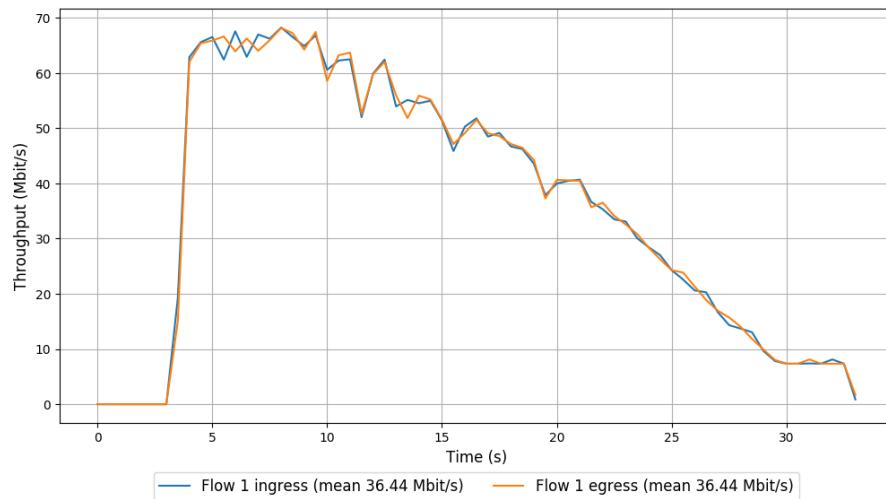


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 18:14:00 +0000
End at: Fri, 23 Jun 2017 18:14:30 +0000
Local clock offset: 6.846 ms
Remote clock offset: -26.517 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:26:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.44 Mbit/s
95th percentile per-packet one-way delay: 46.865 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.44 Mbit/s
95th percentile per-packet one-way delay: 46.865 ms
Loss rate: 0.00%
```

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

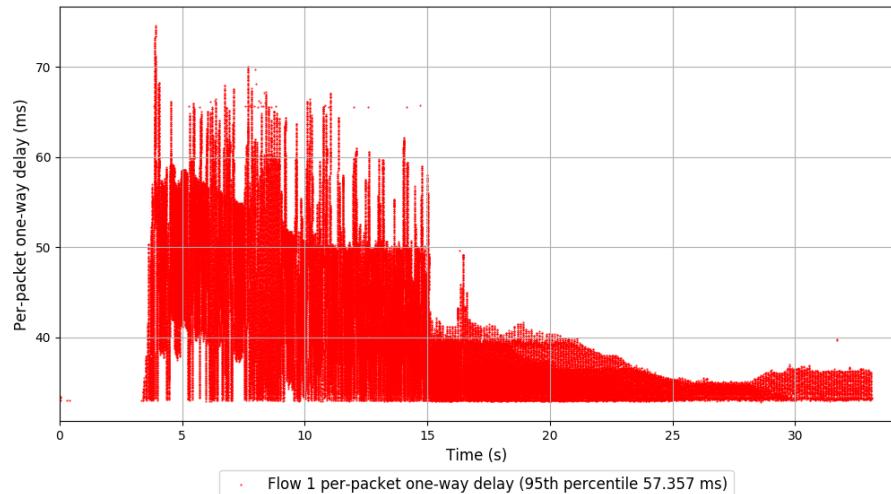
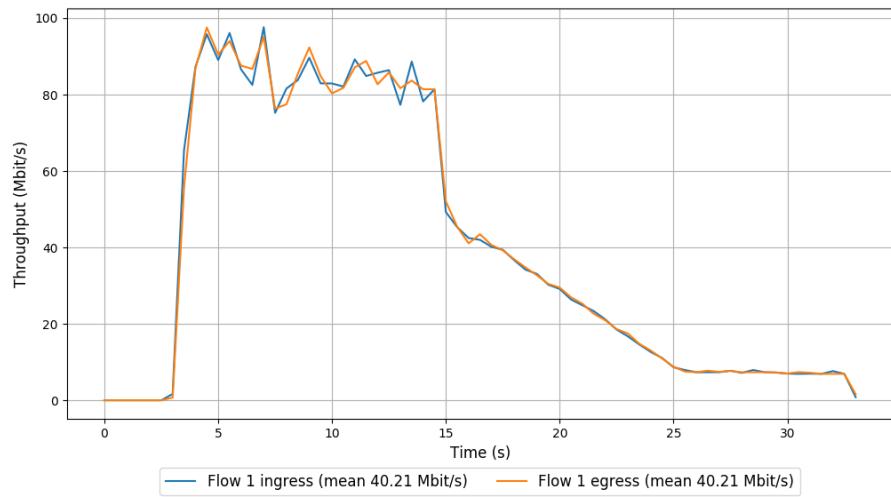


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 18:33:21 +0000
End at: Fri, 23 Jun 2017 18:33:51 +0000
Local clock offset: 3.125 ms
Remote clock offset: -14.114 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:26:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 57.357 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 57.357 ms
Loss rate: 0.00%
```

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

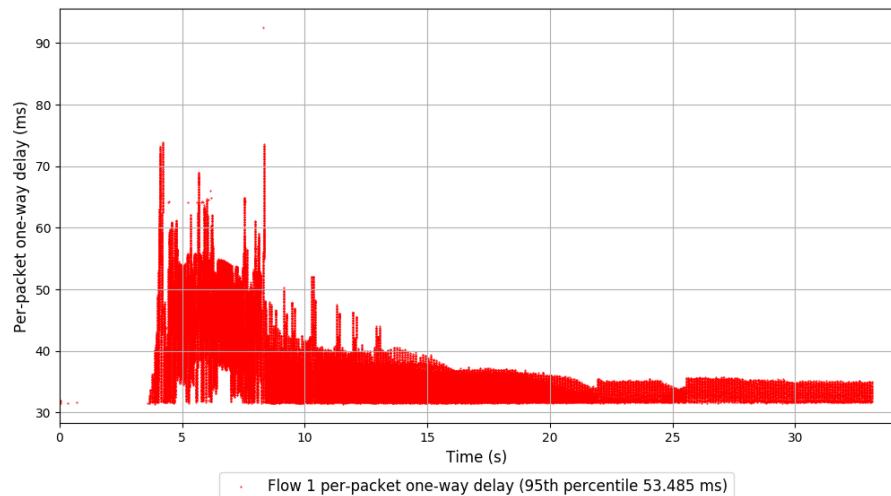
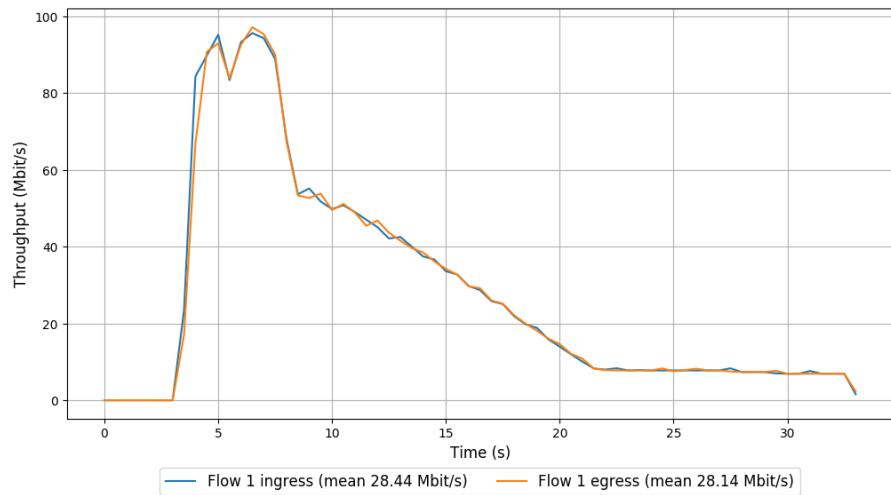


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 18:52:23 +0000
End at: Fri, 23 Jun 2017 18:52:53 +0000
Local clock offset: -1.007 ms
Remote clock offset: -12.814 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:26:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.14 Mbit/s
95th percentile per-packet one-way delay: 53.485 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 28.14 Mbit/s
95th percentile per-packet one-way delay: 53.485 ms
Loss rate: 1.04%
```

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

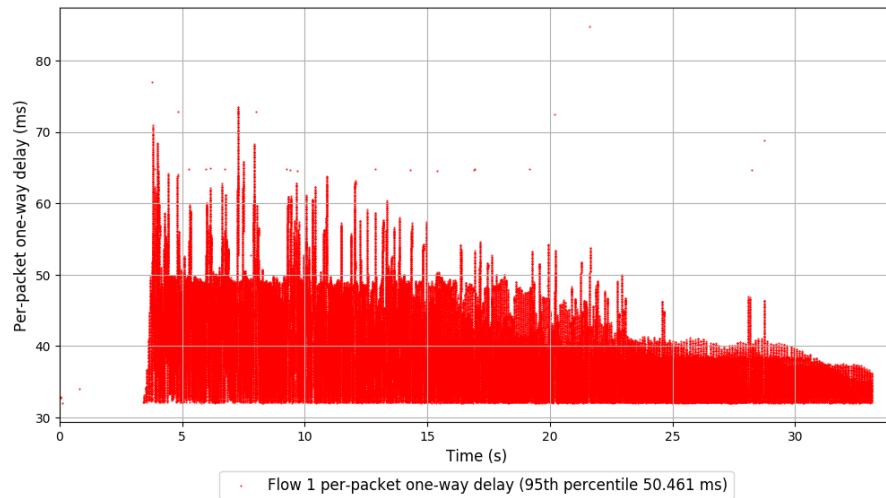
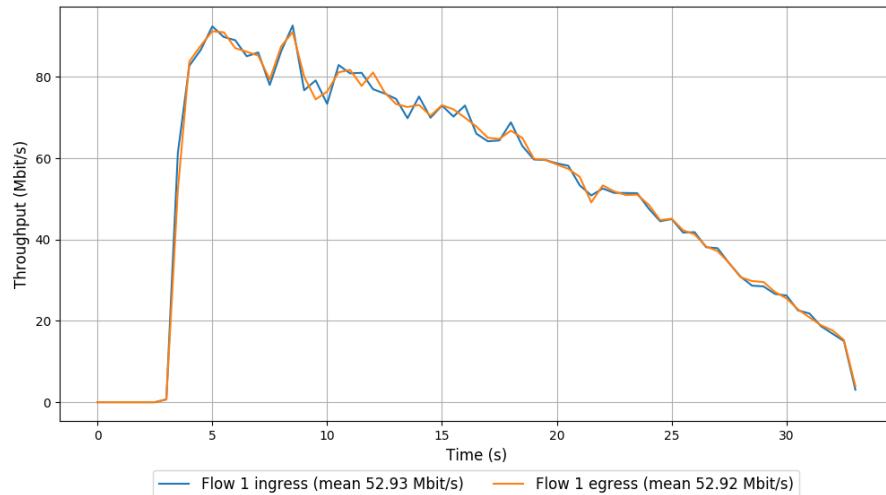


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 19:11:23 +0000
End at: Fri, 23 Jun 2017 19:11:53 +0000
Local clock offset: 4.103 ms
Remote clock offset: -14.369 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:26:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 50.461 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 50.461 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 19:30:20 +0000

End at: Fri, 23 Jun 2017 19:30:50 +0000

Local clock offset: 5.429 ms

Remote clock offset: -15.404 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:26:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.83 Mbit/s

95th percentile per-packet one-way delay: 47.245 ms

Loss rate: 0.34%

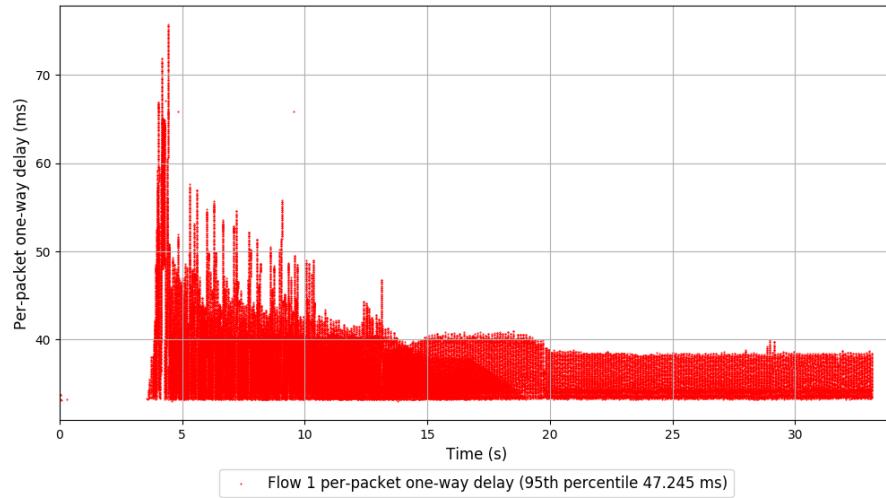
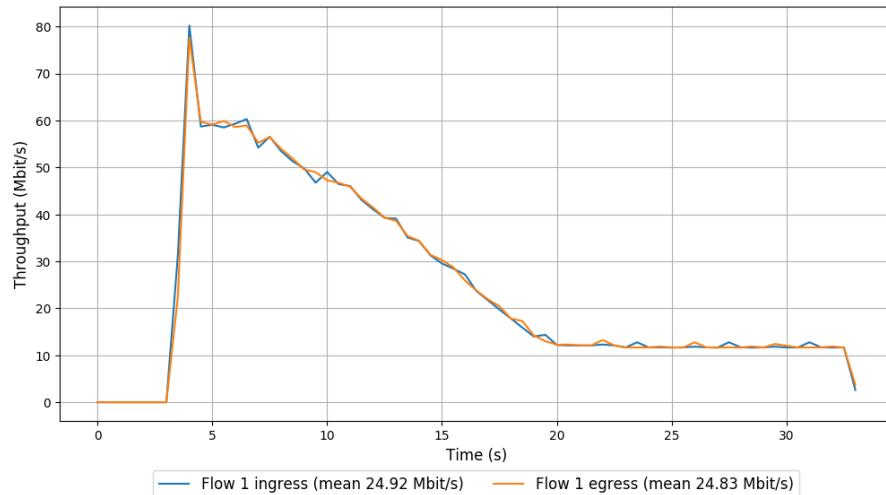
-- Flow 1:

Average throughput: 24.83 Mbit/s

95th percentile per-packet one-way delay: 47.245 ms

Loss rate: 0.34%

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

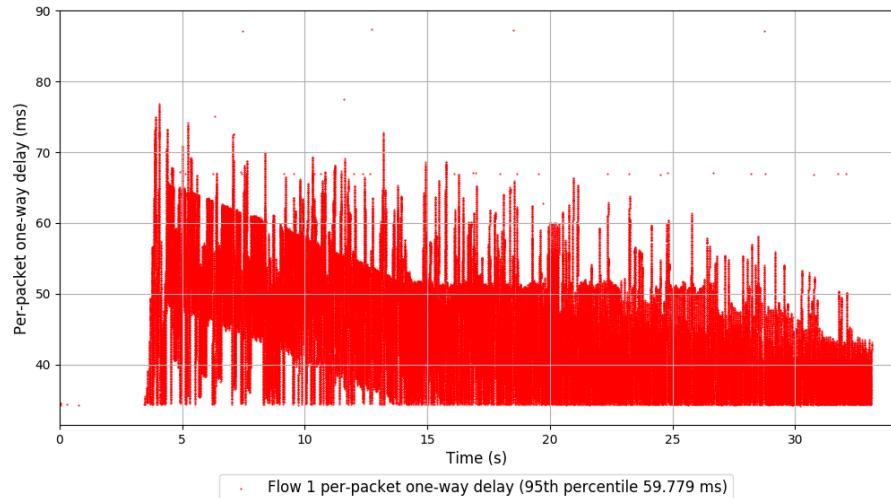
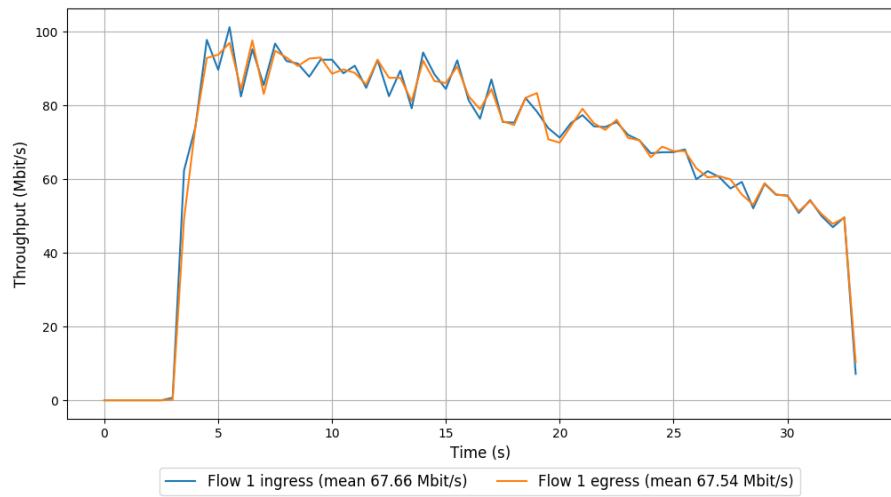


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 19:49:04 +0000
End at: Fri, 23 Jun 2017 19:49:34 +0000
Local clock offset: 5.337 ms
Remote clock offset: -15.701 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:27:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.54 Mbit/s
95th percentile per-packet one-way delay: 59.779 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 67.54 Mbit/s
95th percentile per-packet one-way delay: 59.779 ms
Loss rate: 0.15%
```

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

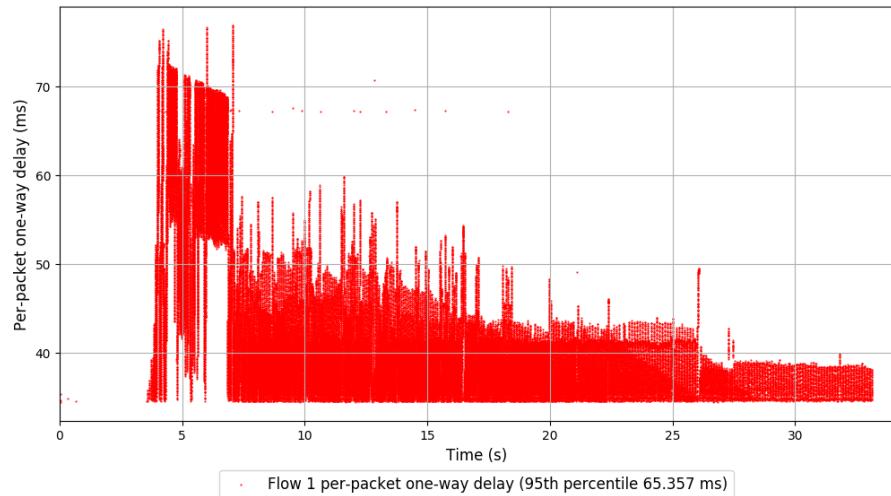
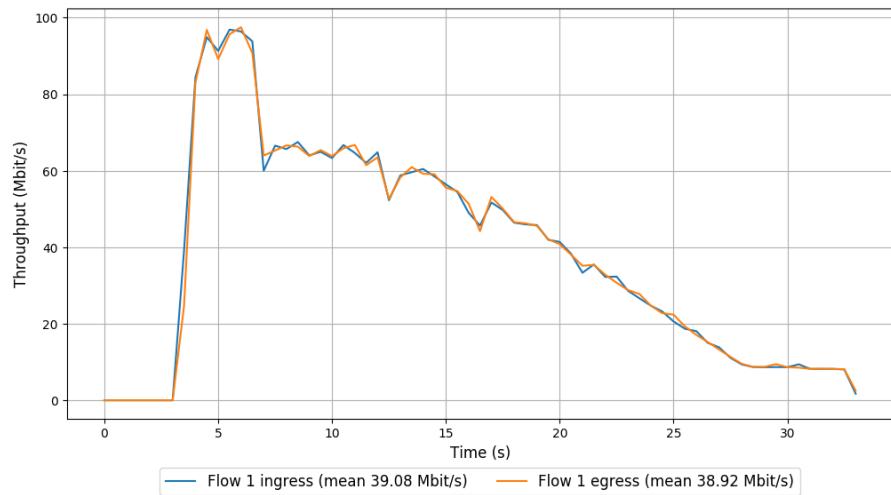


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:08:24 +0000
End at: Fri, 23 Jun 2017 20:08:54 +0000
Local clock offset: 5.595 ms
Remote clock offset: -15.669 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:27:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 65.357 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 65.357 ms
Loss rate: 0.41%
```

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

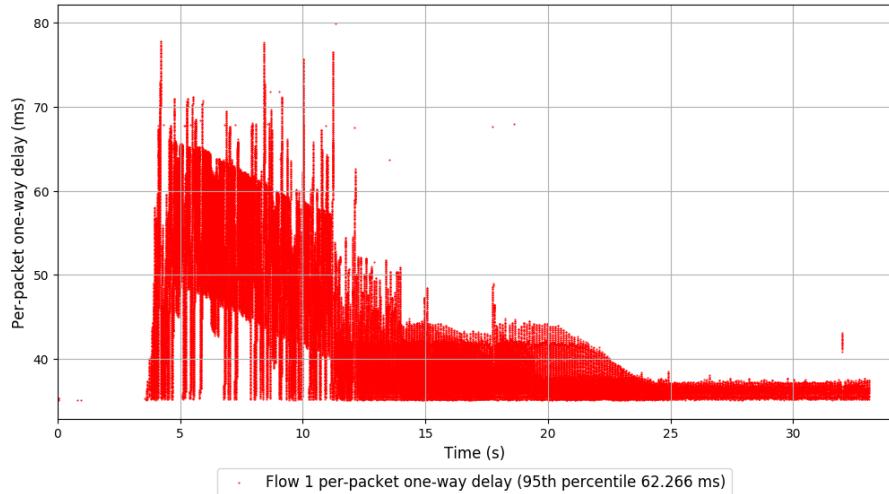
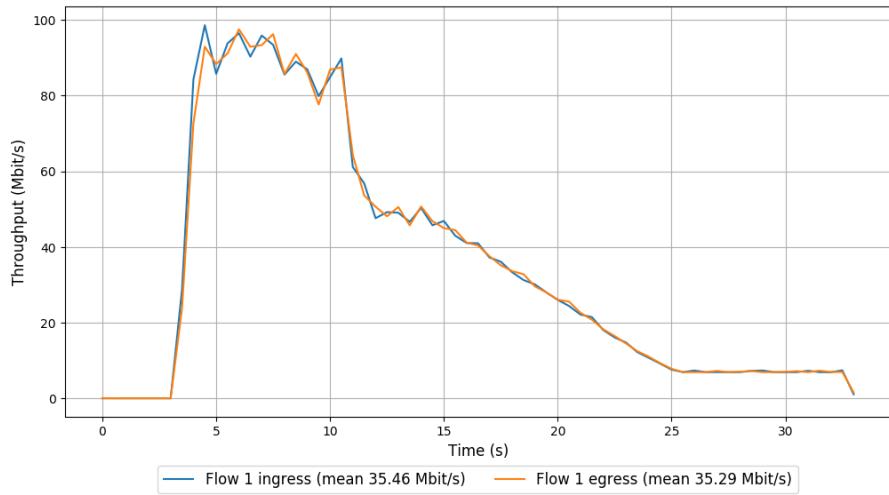


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:27:36 +0000
End at: Fri, 23 Jun 2017 20:28:06 +0000
Local clock offset: 1.023 ms
Remote clock offset: -15.458 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:27:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: 62.266 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: 62.266 ms
Loss rate: 0.57%
```

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

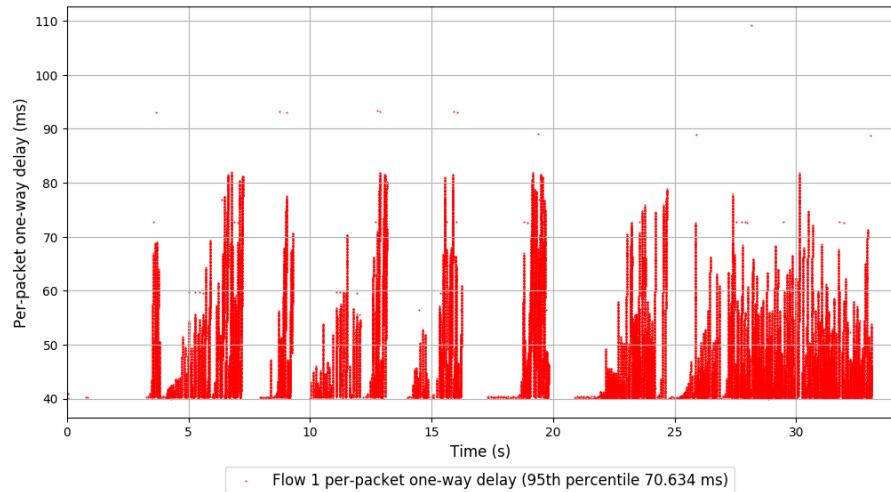
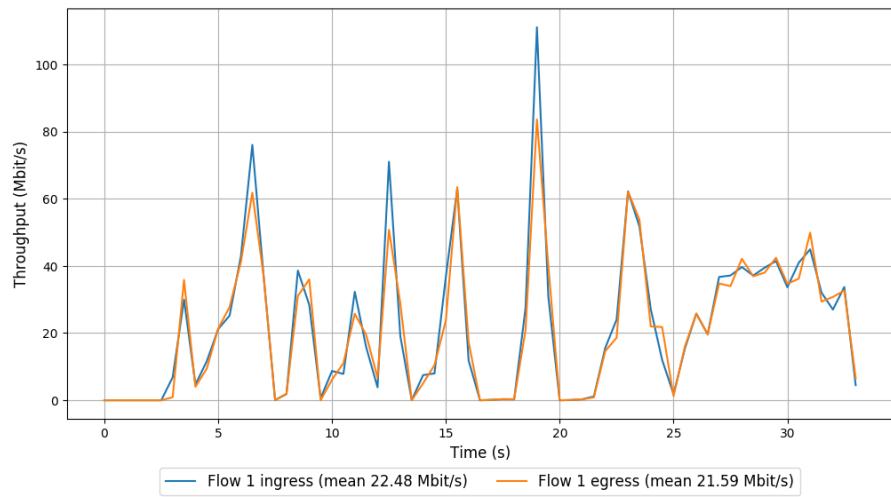


Run 1: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 17:21:33 +0000
End at: Fri, 23 Jun 2017 17:22:03 +0000
Local clock offset: 4.959 ms
Remote clock offset: -31.978 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:27:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.59 Mbit/s
95th percentile per-packet one-way delay: 70.634 ms
Loss rate: 3.93%
-- Flow 1:
Average throughput: 21.59 Mbit/s
95th percentile per-packet one-way delay: 70.634 ms
Loss rate: 3.93%
```

## Run 1: Report of Verus — Data Link

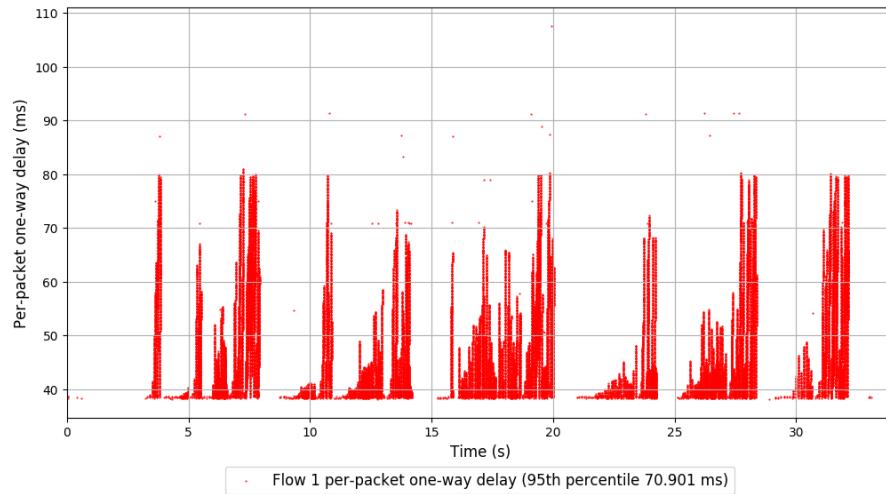
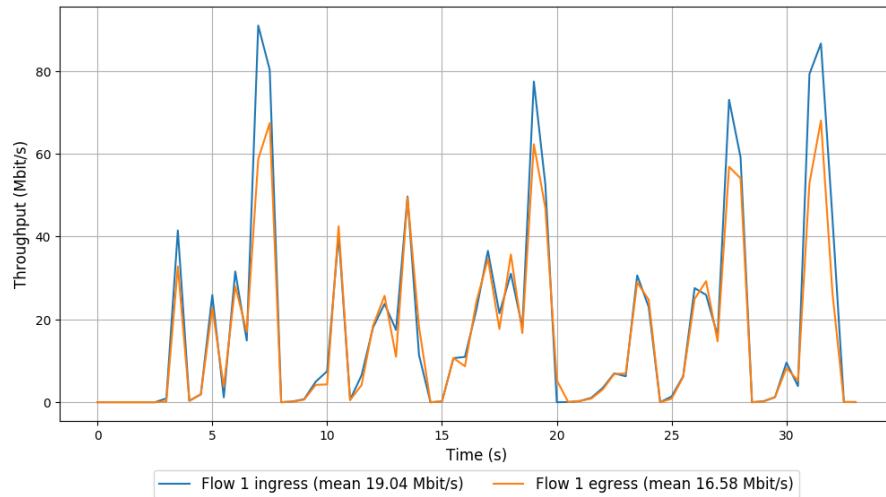


Run 2: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 17:40:42 +0000
End at: Fri, 23 Jun 2017 17:41:12 +0000
Local clock offset: 6.11 ms
Remote clock offset: -25.375 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:28:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.58 Mbit/s
95th percentile per-packet one-way delay: 70.901 ms
Loss rate: 12.92%
-- Flow 1:
Average throughput: 16.58 Mbit/s
95th percentile per-packet one-way delay: 70.901 ms
Loss rate: 12.92%
```

## Run 2: Report of Verus — Data Link

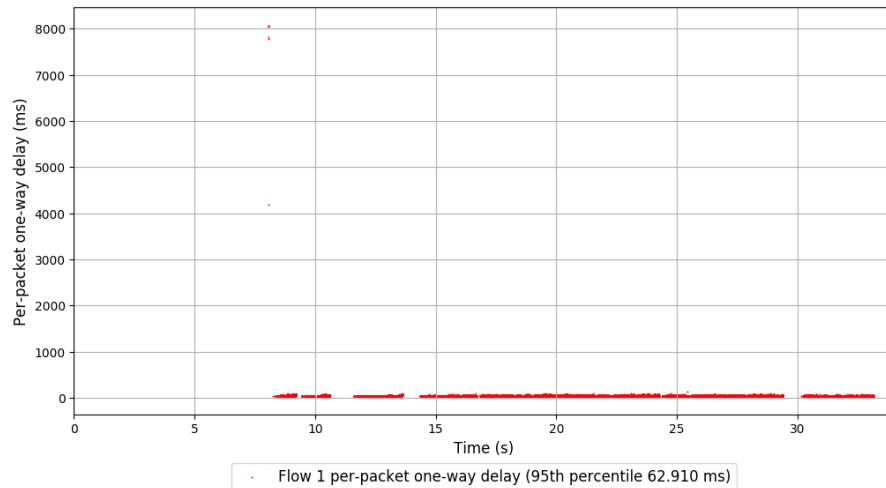
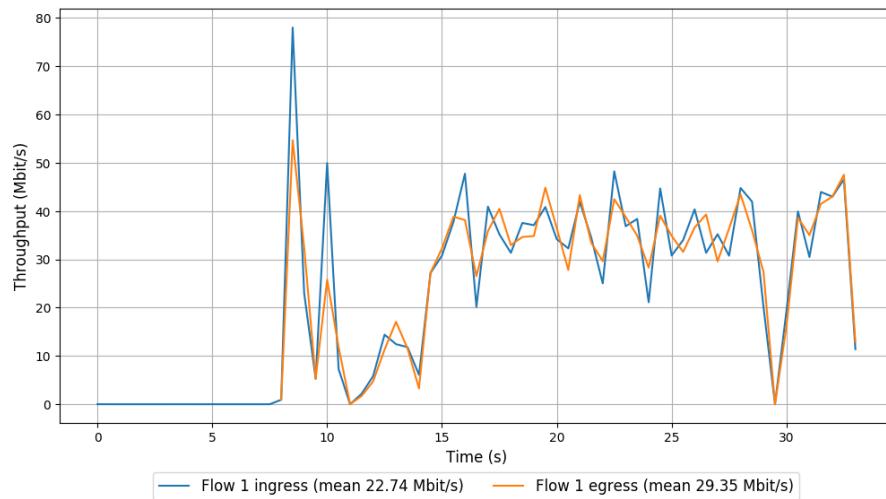


Run 3: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 17:59:47 +0000
End at: Fri, 23 Jun 2017 18:00:17 +0000
Local clock offset: 4.376 ms
Remote clock offset: -27.306 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:28:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 62.910 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 62.910 ms
Loss rate: 2.24%
```

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

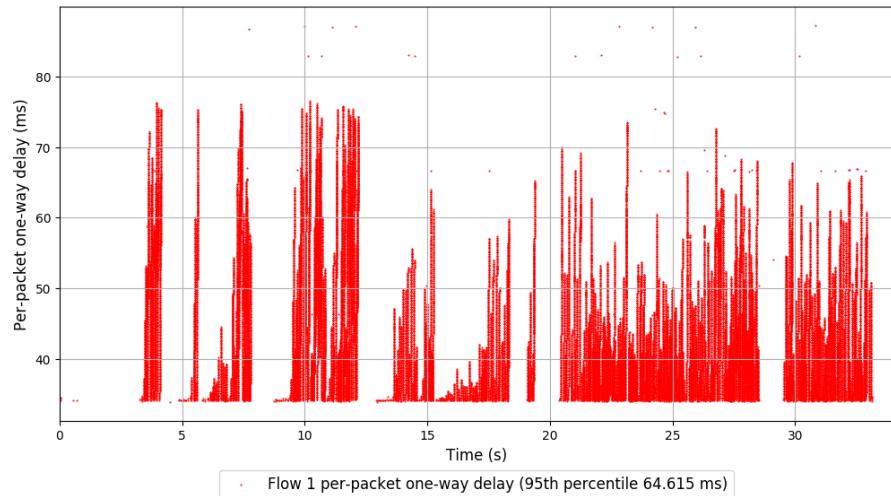
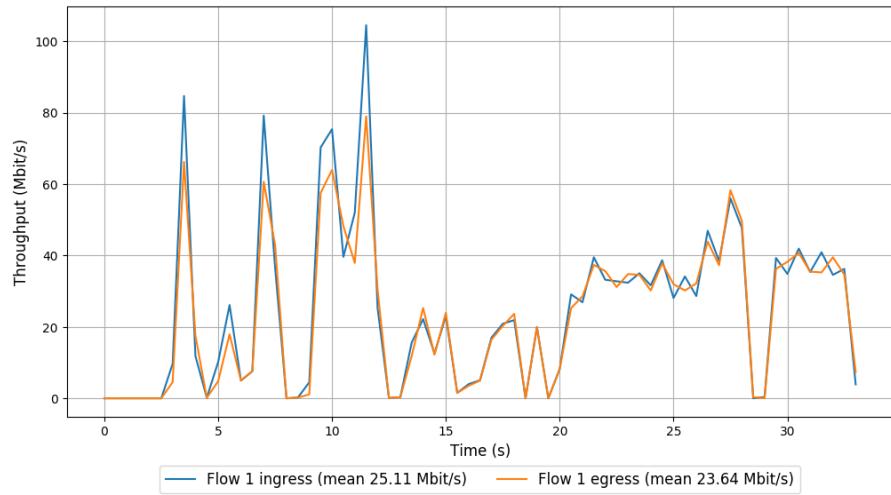


Run 4: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 18:18:58 +0000
End at: Fri, 23 Jun 2017 18:19:28 +0000
Local clock offset: 5.163 ms
Remote clock offset: -23.156 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:28:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 64.615 ms
Loss rate: 5.84%
-- Flow 1:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 64.615 ms
Loss rate: 5.84%
```

## Run 4: Report of Verus — Data Link

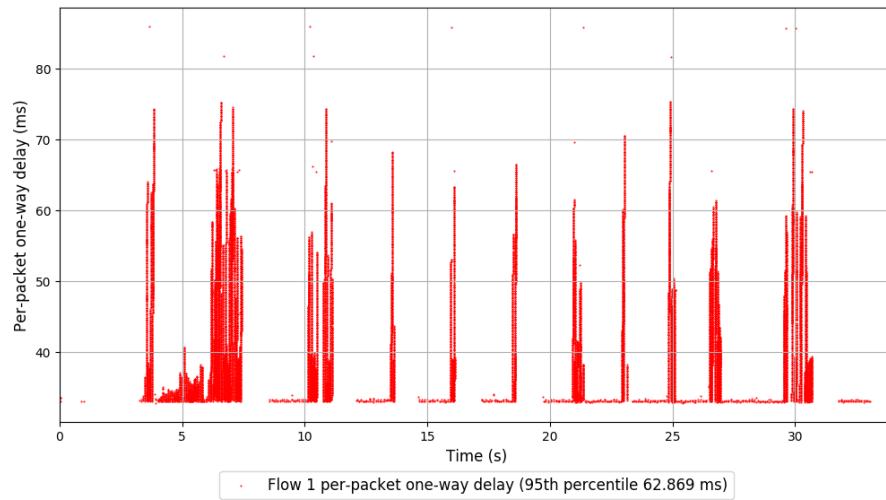
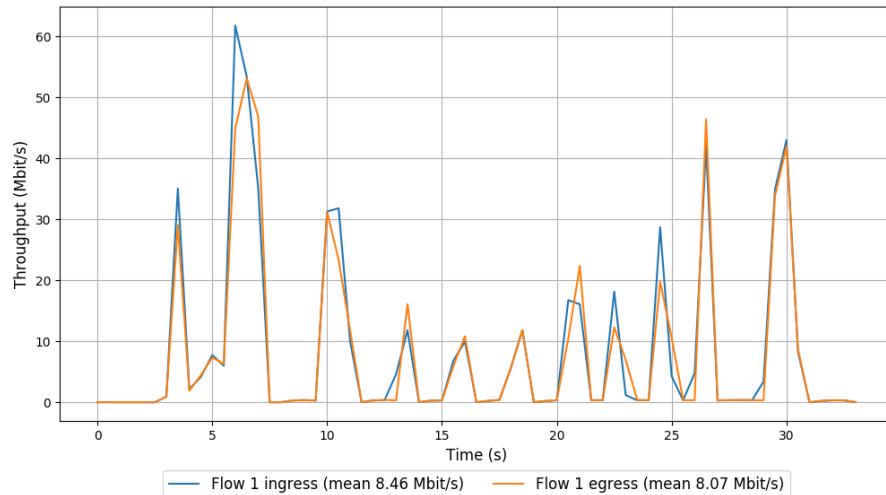


Run 5: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 18:38:17 +0000
End at: Fri, 23 Jun 2017 18:38:47 +0000
Local clock offset: 1.797 ms
Remote clock offset: -14.189 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:28:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 62.869 ms
Loss rate: 4.57%
-- Flow 1:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 62.869 ms
Loss rate: 4.57%
```

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

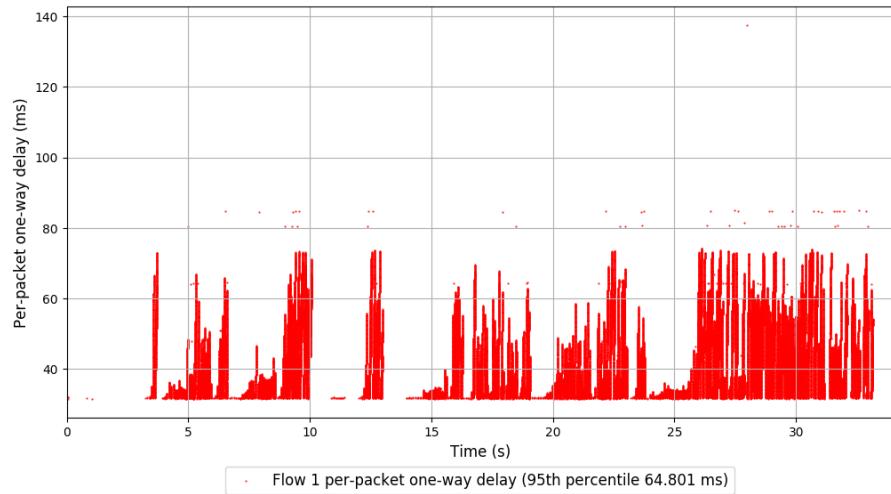
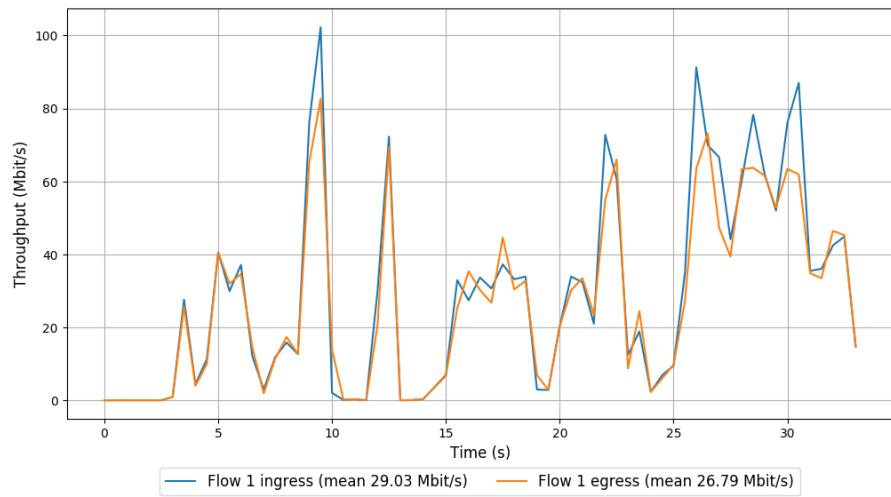


Run 6: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 18:57:13 +0000
End at: Fri, 23 Jun 2017 18:57:43 +0000
Local clock offset: 3.226 ms
Remote clock offset: -13.998 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:28:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 64.801 ms
Loss rate: 7.72%
-- Flow 1:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 64.801 ms
Loss rate: 7.72%
```

## Run 6: Report of Verus — Data Link

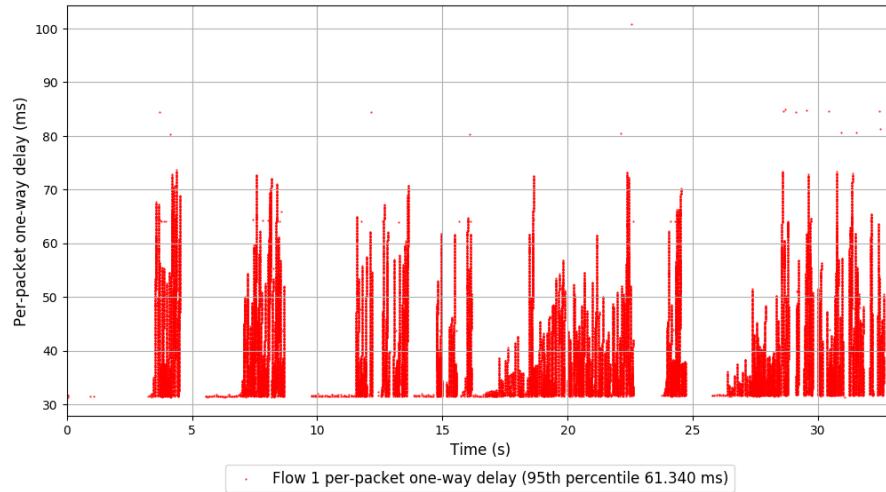
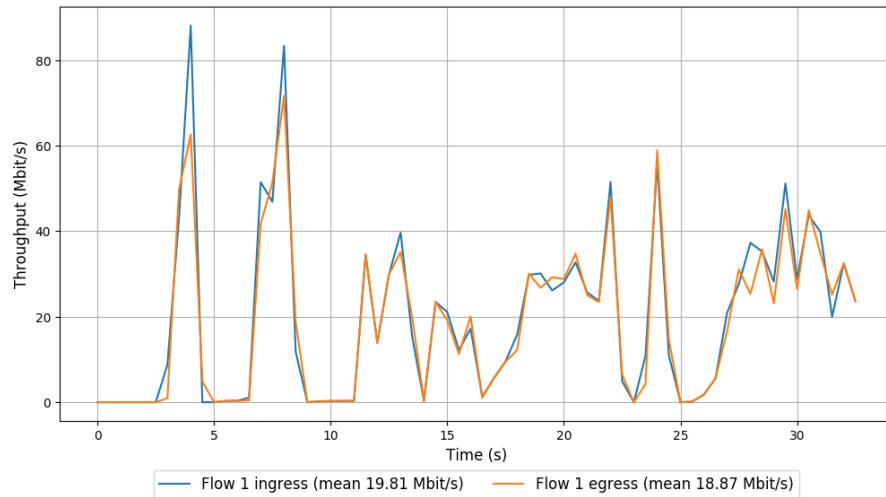


Run 7: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 19:16:23 +0000
End at: Fri, 23 Jun 2017 19:16:53 +0000
Local clock offset: -1.08 ms
Remote clock offset: -14.736 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:28:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.87 Mbit/s
95th percentile per-packet one-way delay: 61.340 ms
Loss rate: 4.70%
-- Flow 1:
Average throughput: 18.87 Mbit/s
95th percentile per-packet one-way delay: 61.340 ms
Loss rate: 4.70%
```

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

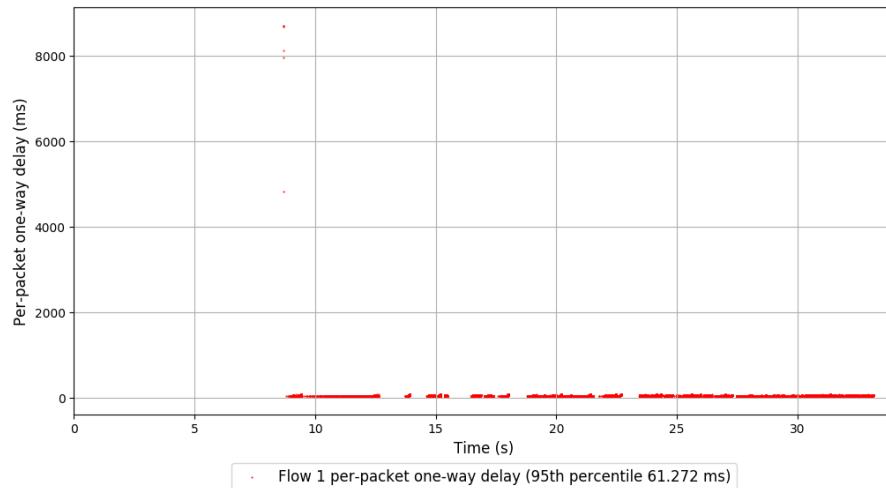
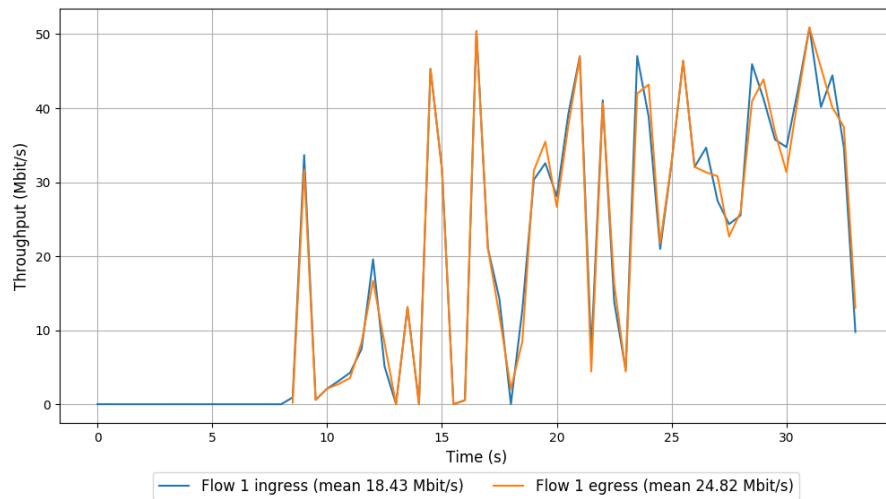


Run 8: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 19:35:07 +0000
End at: Fri, 23 Jun 2017 19:35:37 +0000
Local clock offset: 5.321 ms
Remote clock offset: -13.644 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 61.272 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 61.272 ms
Loss rate: 0.56%
```

## Run 8: Report of Verus — Data Link

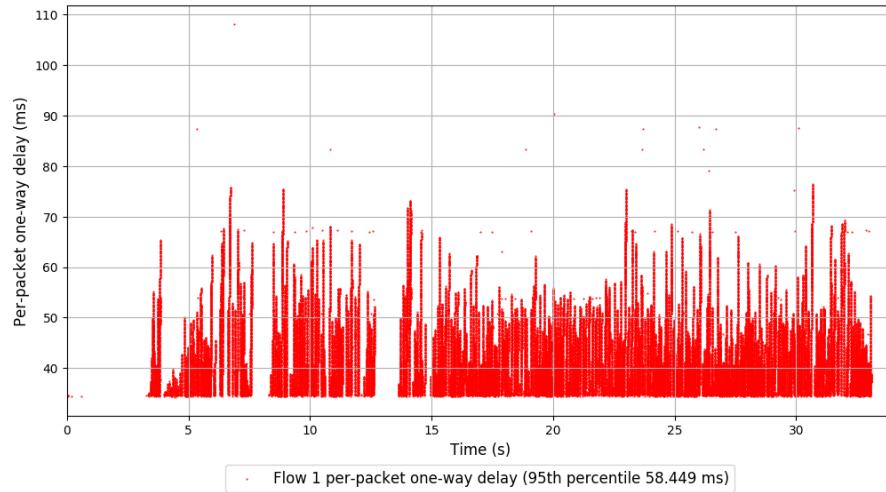
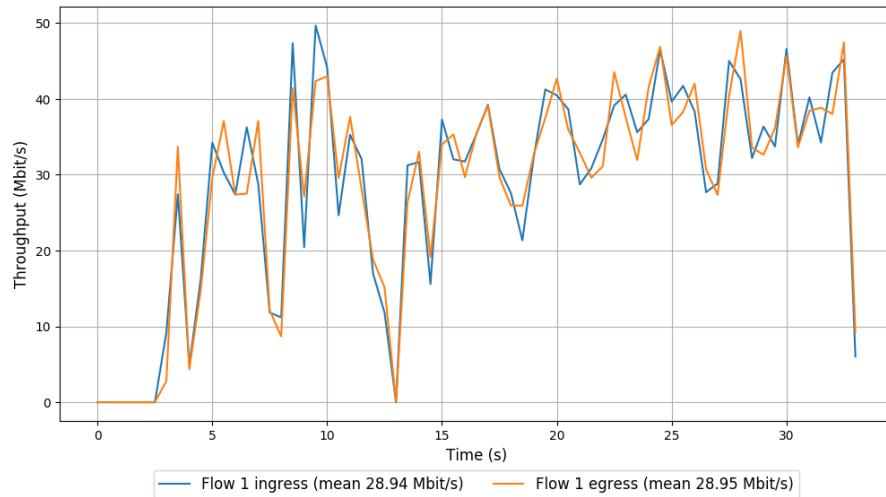


Run 9: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 19:54:10 +0000
End at: Fri, 23 Jun 2017 19:54:40 +0000
Local clock offset: 3.515 ms
Remote clock offset: -14.897 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.95 Mbit/s
95th percentile per-packet one-way delay: 58.449 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 28.95 Mbit/s
95th percentile per-packet one-way delay: 58.449 ms
Loss rate: 0.12%
```

## Run 9: Report of Verus — Data Link

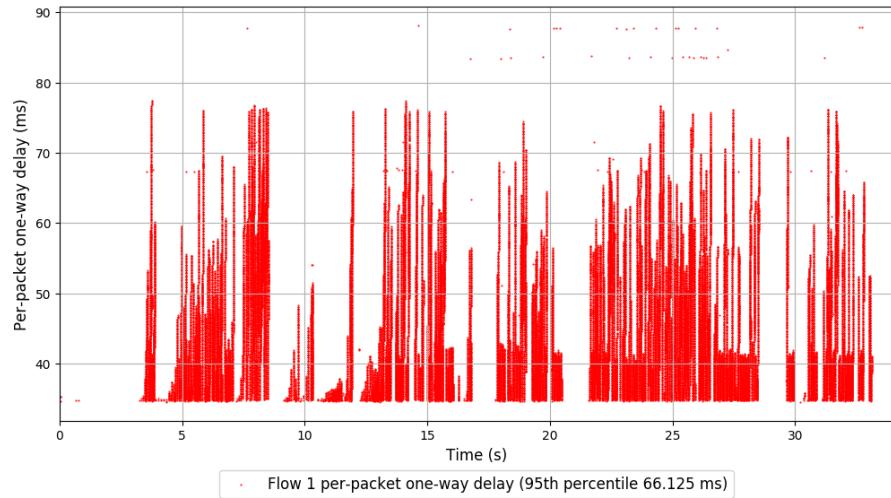
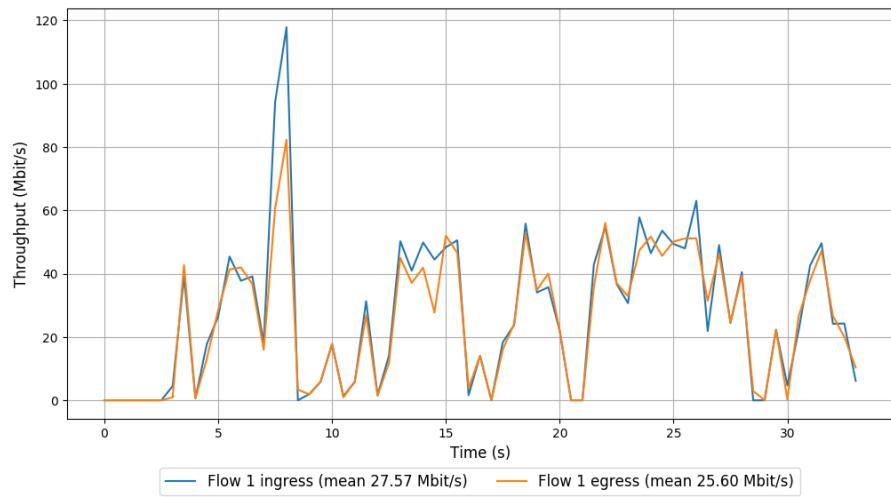


Run 10: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 20:13:18 +0000
End at: Fri, 23 Jun 2017 20:13:48 +0000
Local clock offset: 5.613 ms
Remote clock offset: -15.851 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.60 Mbit/s
95th percentile per-packet one-way delay: 66.125 ms
Loss rate: 7.23%
-- Flow 1:
Average throughput: 25.60 Mbit/s
95th percentile per-packet one-way delay: 66.125 ms
Loss rate: 7.23%
```

## Run 10: Report of Verus — Data Link

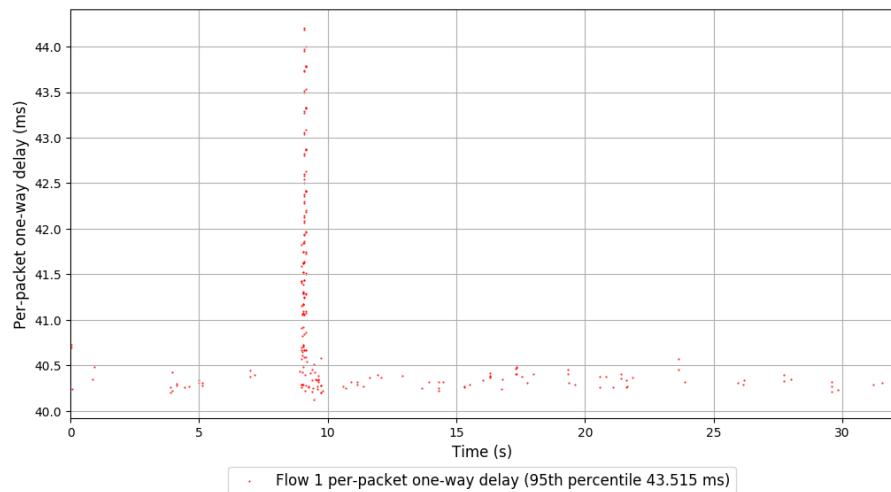
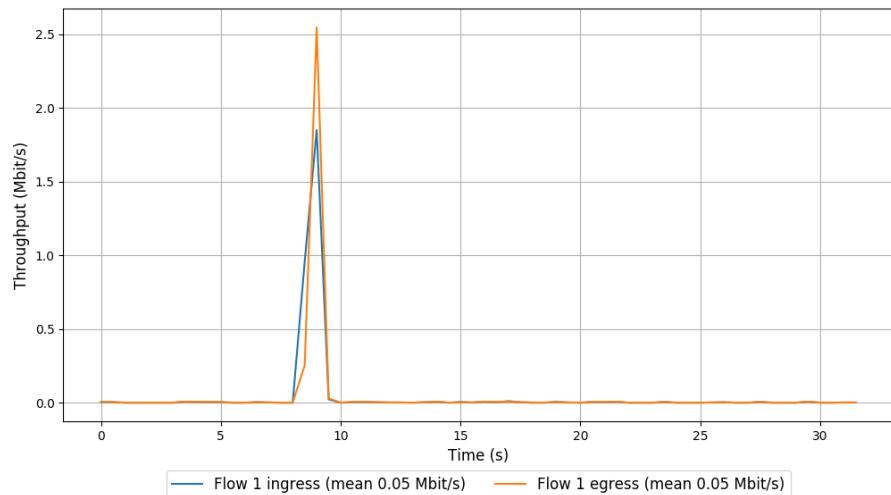


```
Run 1: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 17:20:26 +0000
End at: Fri, 23 Jun 2017 17:20:56 +0000
Local clock offset: 6.1 ms
Remote clock offset: -31.902 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 43.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 43.515 ms
Loss rate: 0.00%
```

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

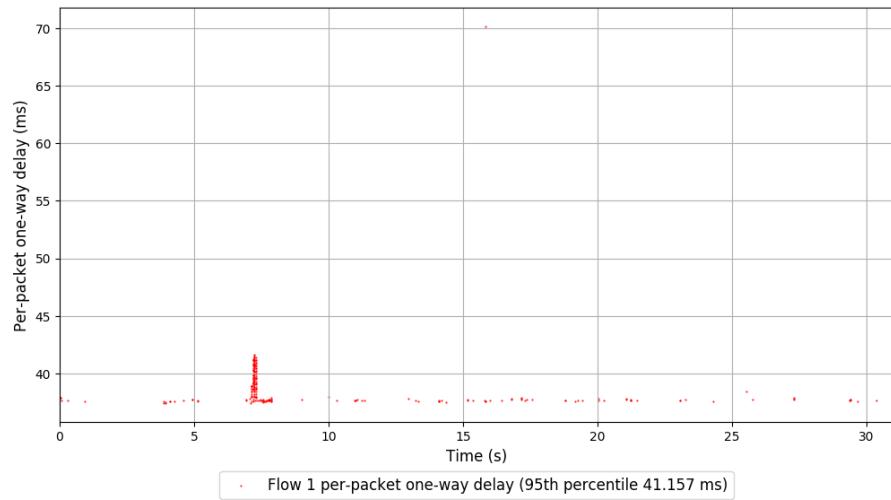
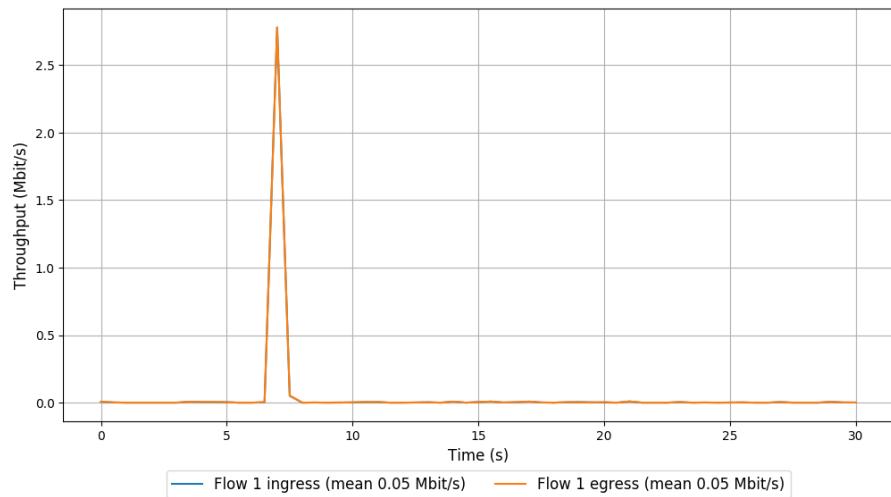


Run 2: Statistics of WebRTC media

```
Start at: Fri, 23 Jun 2017 17:39:36 +0000
End at: Fri, 23 Jun 2017 17:40:06 +0000
Local clock offset: 5.65 ms
Remote clock offset: -30.604 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 41.157 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 41.157 ms
Loss rate: 0.00%
```

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

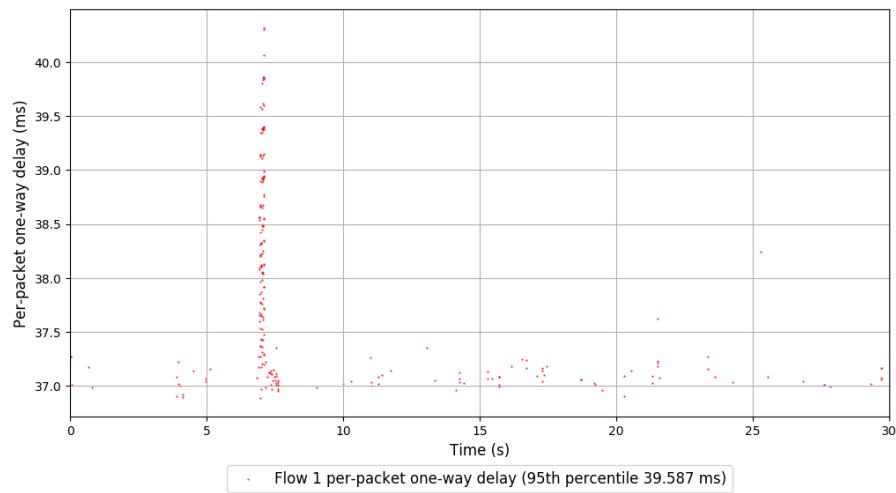
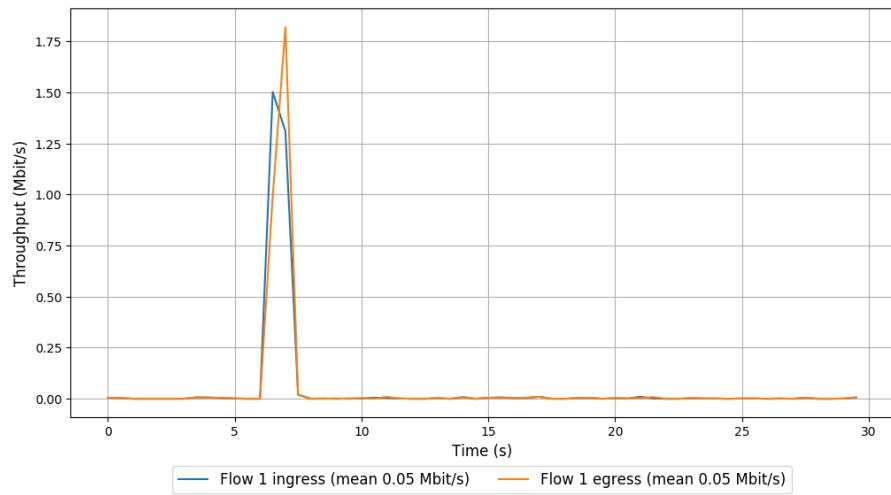


```
Run 3: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 17:58:41 +0000
End at: Fri, 23 Jun 2017 17:59:11 +0000
Local clock offset: 5.389 ms
Remote clock offset: -29.386 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 39.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 39.587 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

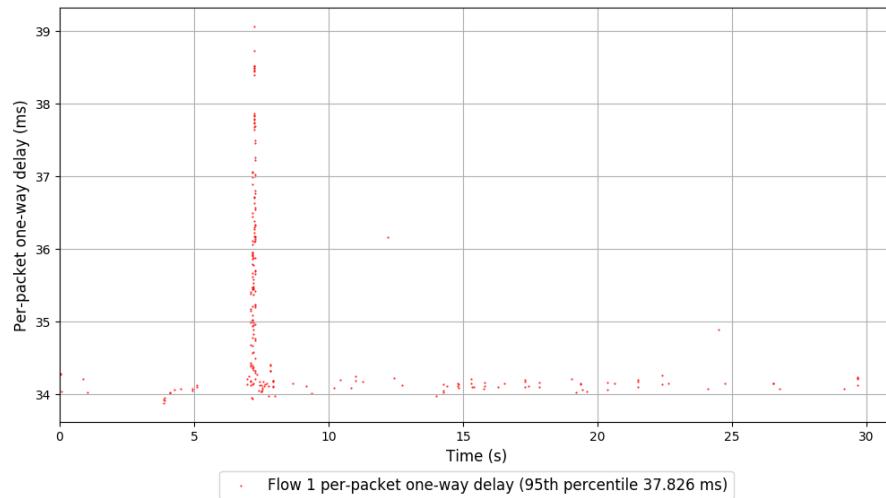
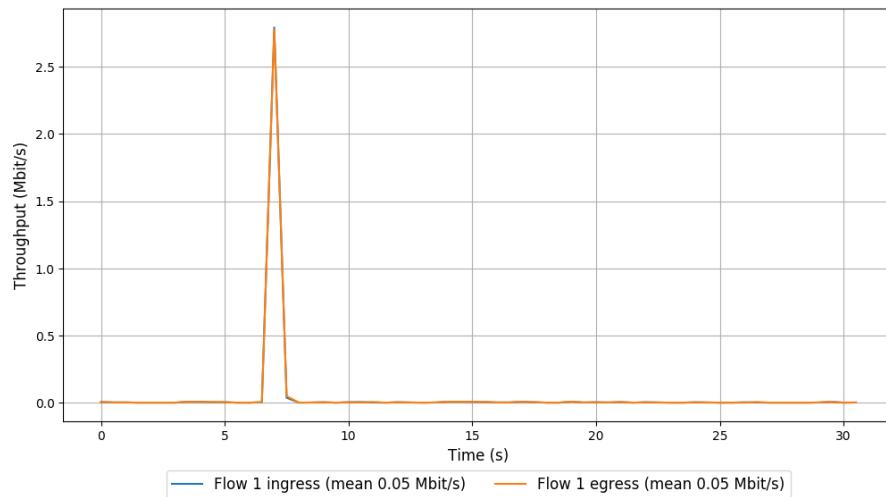


```
Run 4: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 18:17:51 +0000
End at: Fri, 23 Jun 2017 18:18:21 +0000
Local clock offset: 4.138 ms
Remote clock offset: -27.373 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 37.826 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 37.826 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

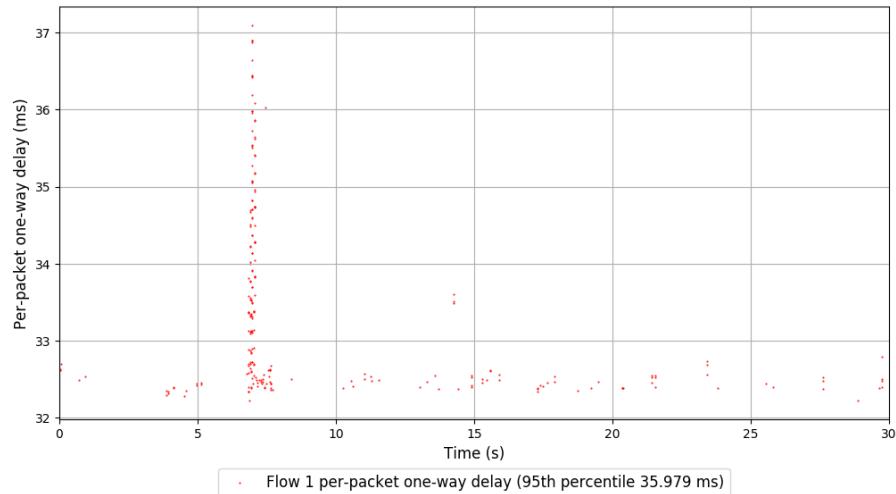
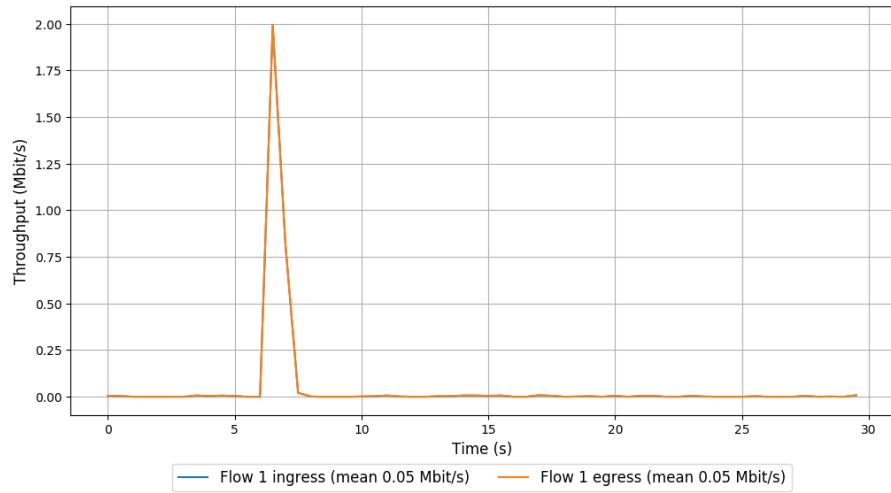


```
Run 5: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 18:37:10 +0000
End at: Fri, 23 Jun 2017 18:37:40 +0000
Local clock offset: 1.848 ms
Remote clock offset: -17.325 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 35.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 35.979 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

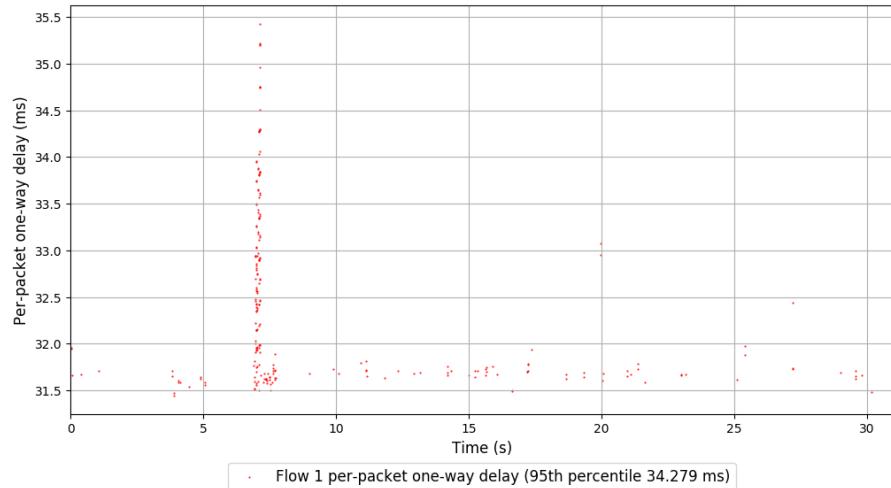
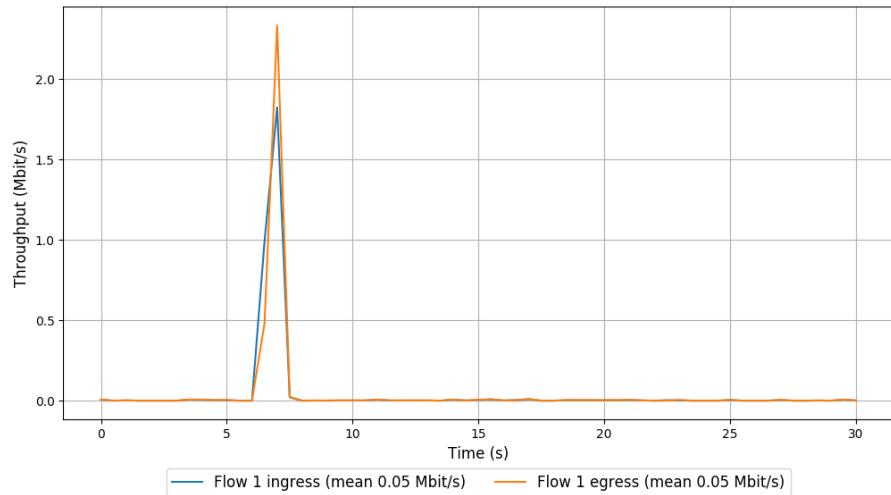


```
Run 6: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 18:56:07 +0000
End at: Fri, 23 Jun 2017 18:56:37 +0000
Local clock offset: 0.332 ms
Remote clock offset: -13.245 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.279 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 34.279 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 19:15:17 +0000

End at: Fri, 23 Jun 2017 19:15:47 +0000

Local clock offset: 0.79 ms

Remote clock offset: -13.628 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 34.668 ms

Loss rate: 0.00%

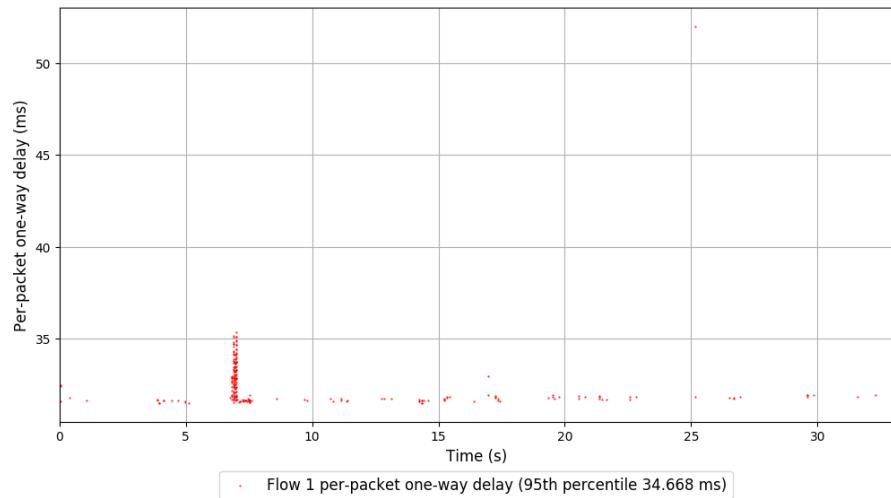
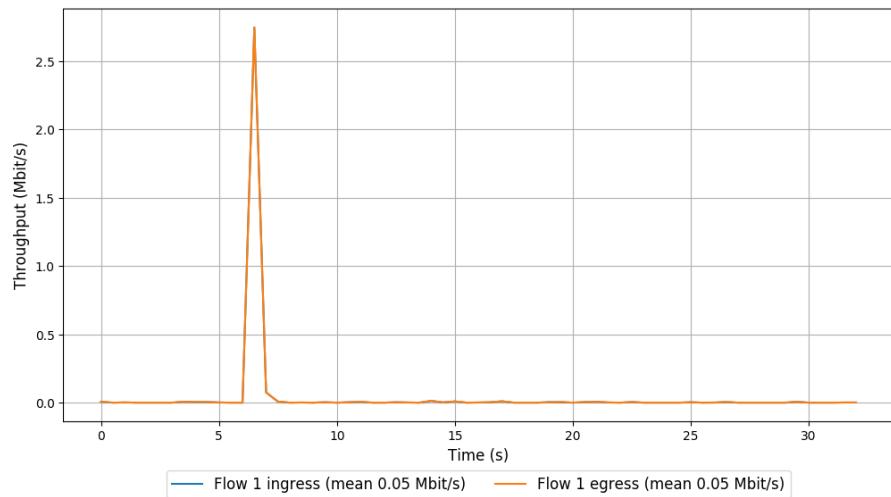
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 34.668 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

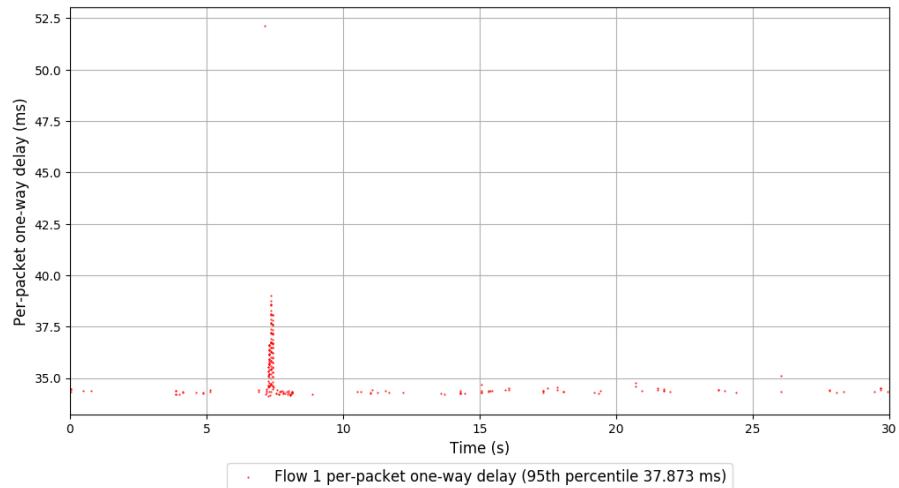
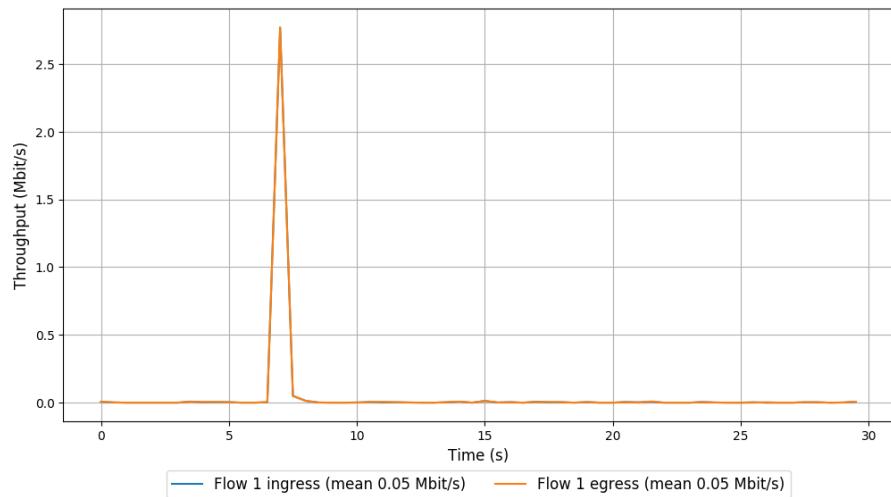


```
Run 8: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 19:34:01 +0000
End at: Fri, 23 Jun 2017 19:34:31 +0000
Local clock offset: 3.003 ms
Remote clock offset: -13.743 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:29:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 37.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 37.873 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

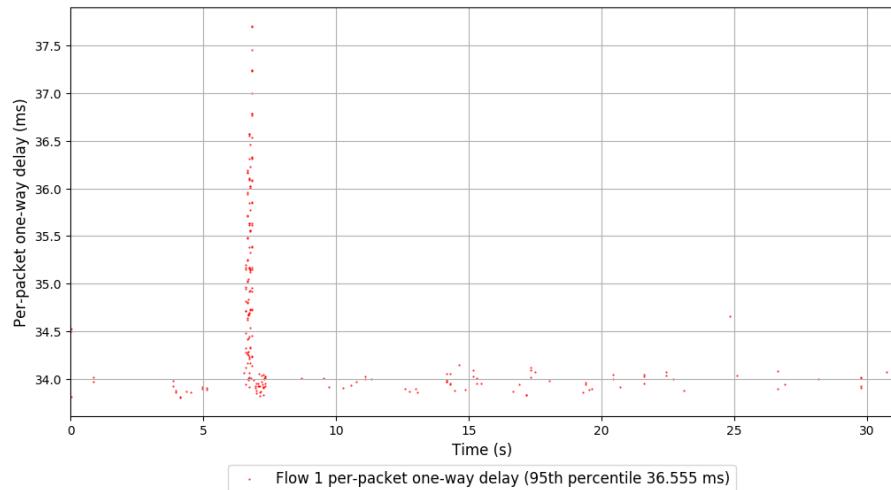
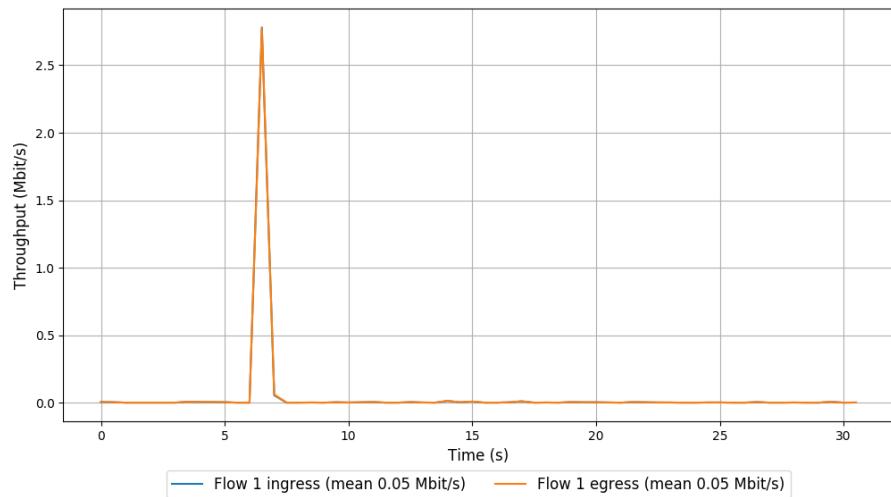


```
Run 9: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 19:53:03 +0000
End at: Fri, 23 Jun 2017 19:53:33 +0000
Local clock offset: 2.504 ms
Remote clock offset: -13.434 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:30:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 36.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 36.555 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:12:11 +0000
End at: Fri, 23 Jun 2017 20:12:41 +0000
Local clock offset: 3.003 ms
Remote clock offset: -16.451 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:30:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 38.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 38.092 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

