

**Pantheon Summary** (Generated at Wed, 14 Jun 2017 00:58:49 +0000 with  
pantheon version 0502c2c57571426cde66b34b88203c82b91e4e5c)

Repeated the test of 15 congestion control schemes 10 times.

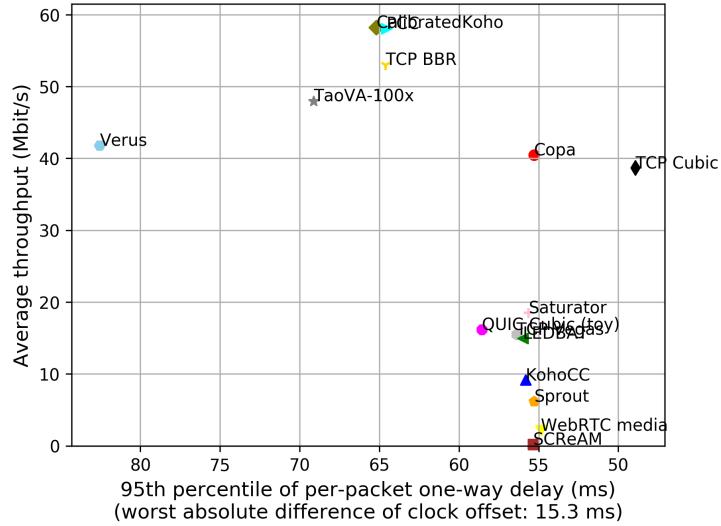
Each test lasted for 30 seconds running 1 flow.

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

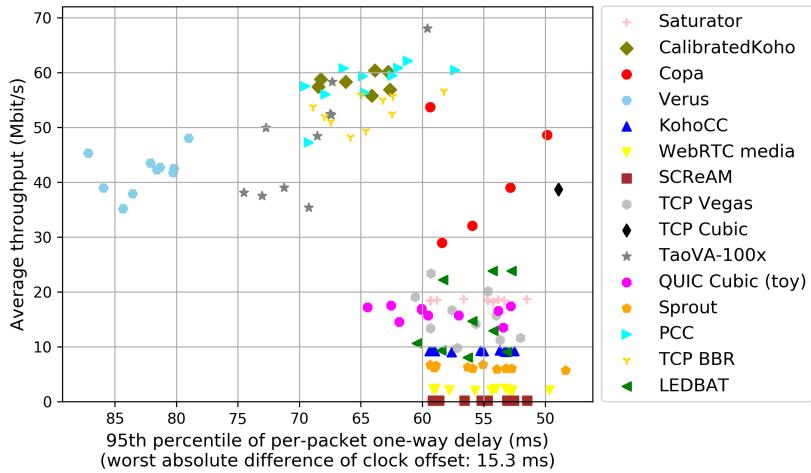
NTP offset measured against gps.ntp.br.

```
git branch: master @ 0502c2c57571426cde66b34b88203c82b91e4e5c
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
```

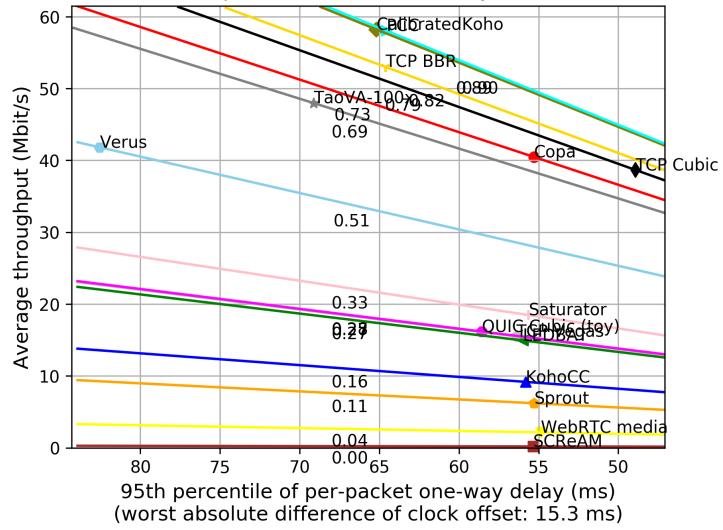
test from Colombia Ethernet to AWS Brazil 2 Ethernet, runs 10 of 30s each per scheme  
mean of all runs by scheme



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



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

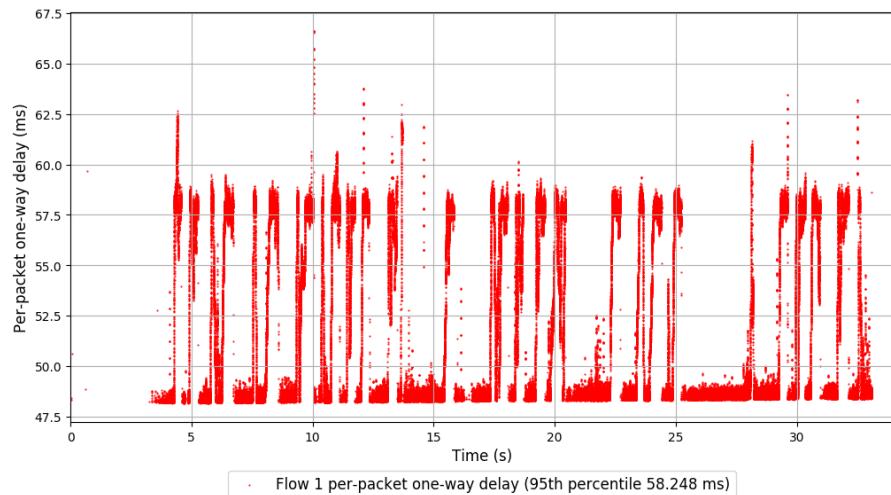
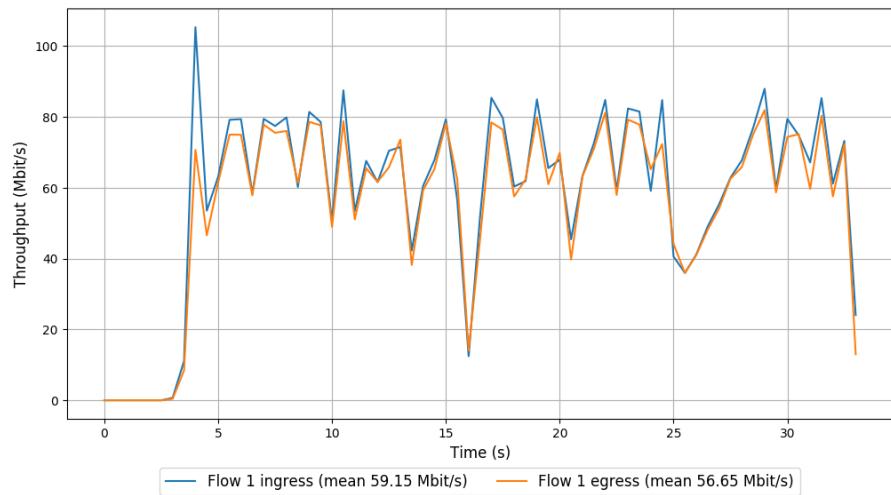


Run 1: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 21:25:30 +0000
End at: Tue, 13 Jun 2017 21:26:00 +0000
Local clock offset: 3.173 ms
Remote clock offset: -7.356 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 58.248 ms
Loss rate: 4.54%
-- Flow 1:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 58.248 ms
Loss rate: 4.54%
```

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

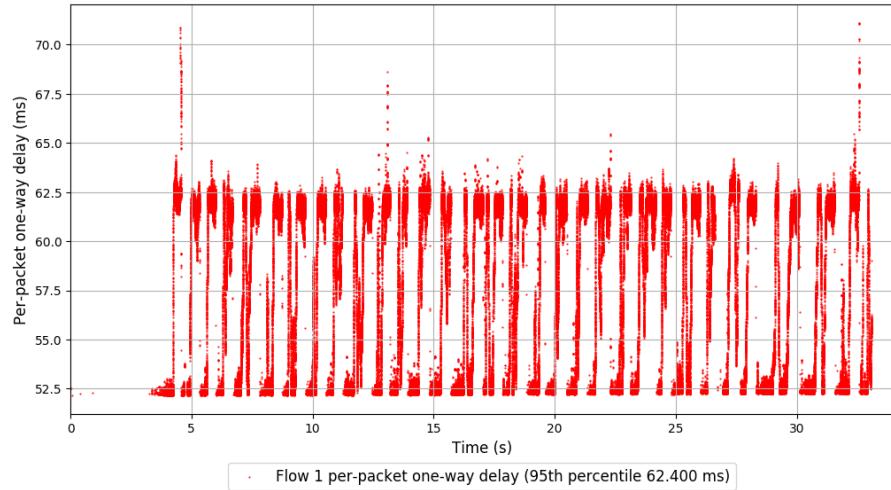
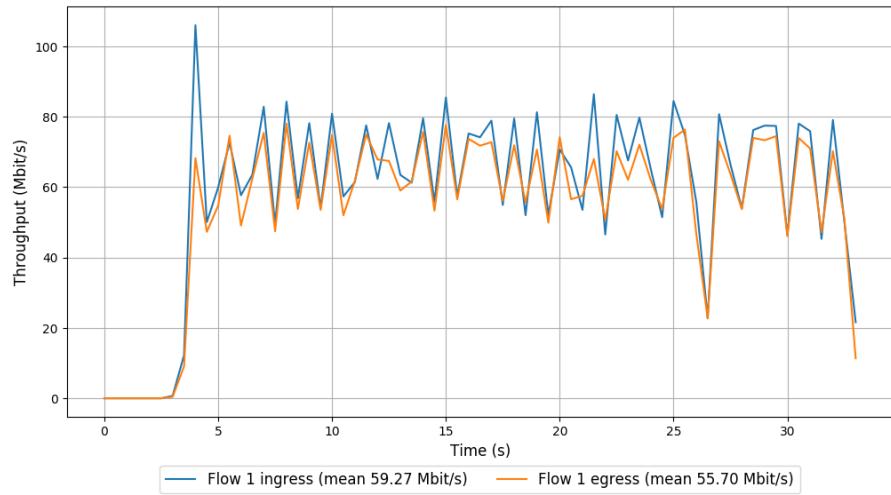


Run 2: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 21:42:51 +0000
End at: Tue, 13 Jun 2017 21:43:21 +0000
Local clock offset: -0.527 ms
Remote clock offset: -6.17 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.70 Mbit/s
95th percentile per-packet one-way delay: 62.400 ms
Loss rate: 6.34%
-- Flow 1:
Average throughput: 55.70 Mbit/s
95th percentile per-packet one-way delay: 62.400 ms
Loss rate: 6.34%
```

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

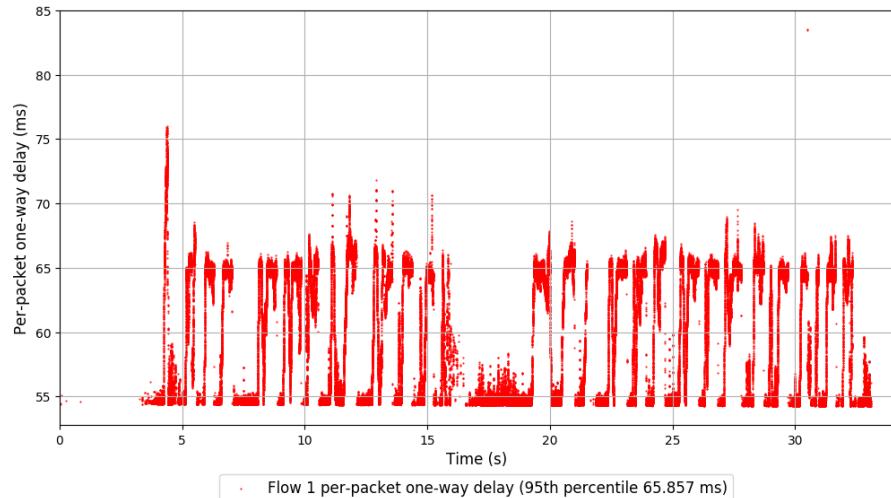
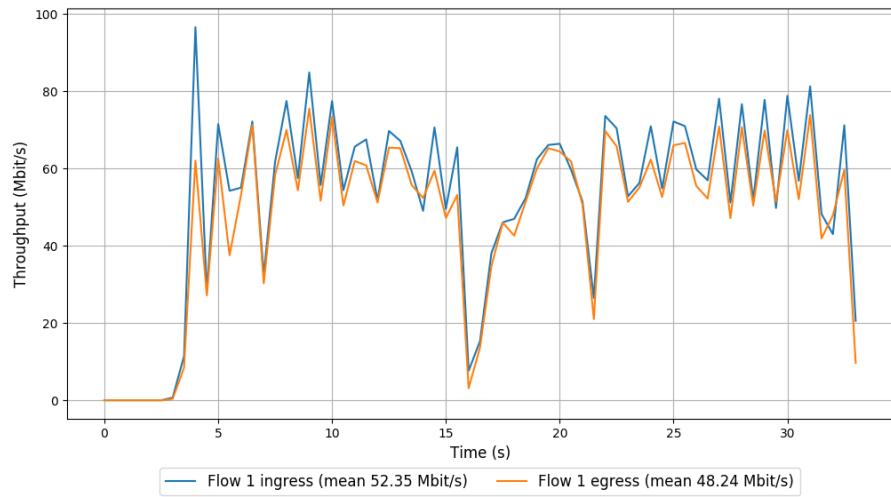


Run 3: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 22:00:15 +0000
End at: Tue, 13 Jun 2017 22:00:45 +0000
Local clock offset: -0.534 ms
Remote clock offset: -4.914 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 65.857 ms
Loss rate: 8.18%
-- Flow 1:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 65.857 ms
Loss rate: 8.18%
```

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

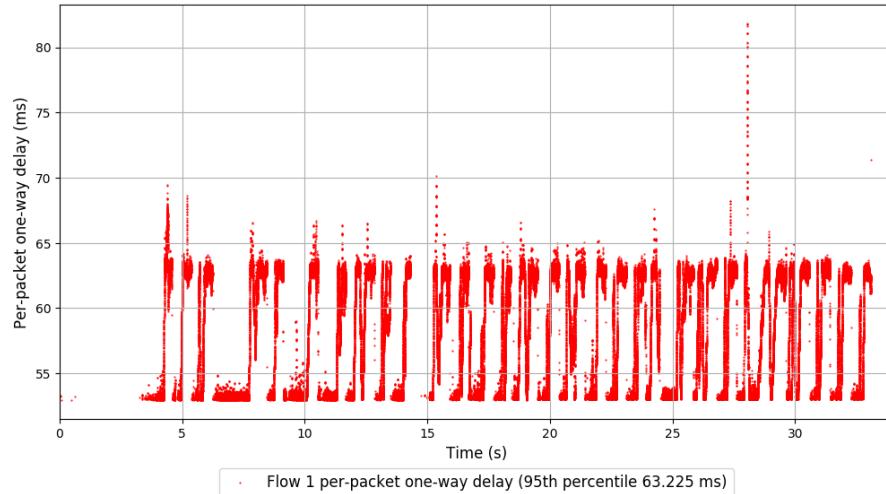
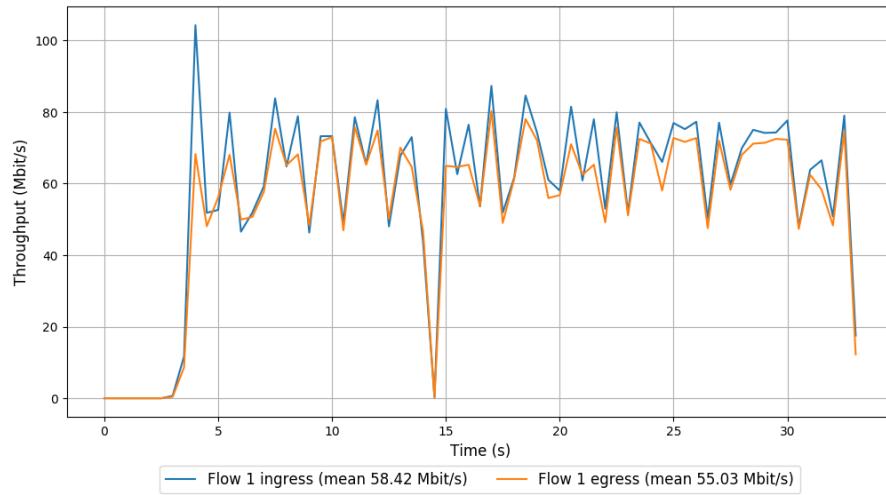


Run 4: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 22:17:48 +0000
End at: Tue, 13 Jun 2017 22:18:18 +0000
Local clock offset: 2.165 ms
Remote clock offset: -2.465 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 63.225 ms
Loss rate: 6.11%
-- Flow 1:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 63.225 ms
Loss rate: 6.11%
```

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

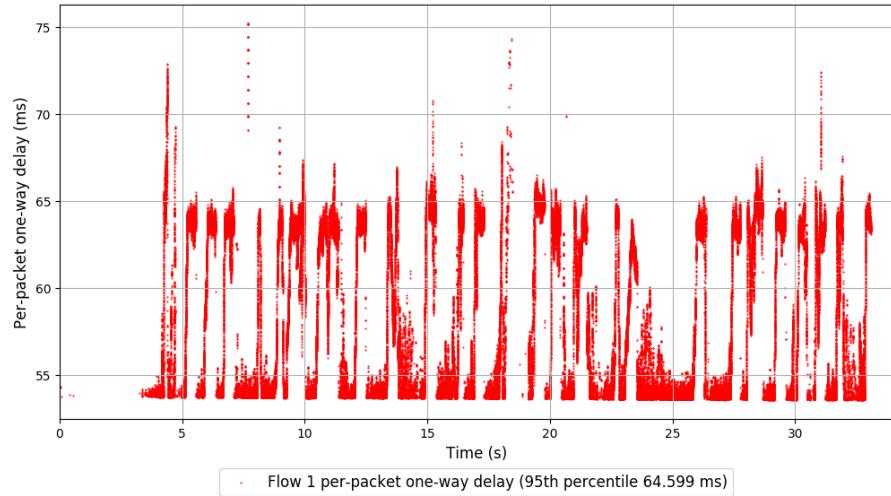
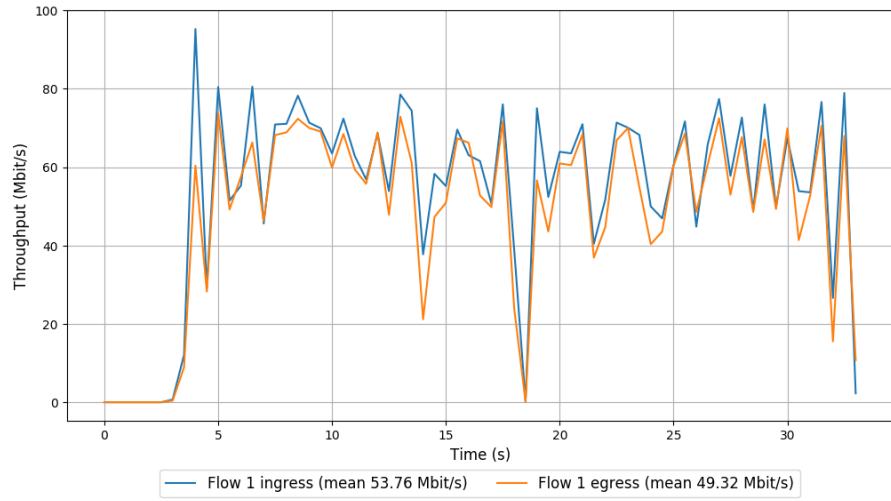


Run 5: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 22:35:14 +0000
End at: Tue, 13 Jun 2017 22:35:44 +0000
Local clock offset: 2.601 ms
Remote clock offset: -1.403 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.32 Mbit/s
95th percentile per-packet one-way delay: 64.599 ms
Loss rate: 8.59%
-- Flow 1:
Average throughput: 49.32 Mbit/s
95th percentile per-packet one-way delay: 64.599 ms
Loss rate: 8.59%
```

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

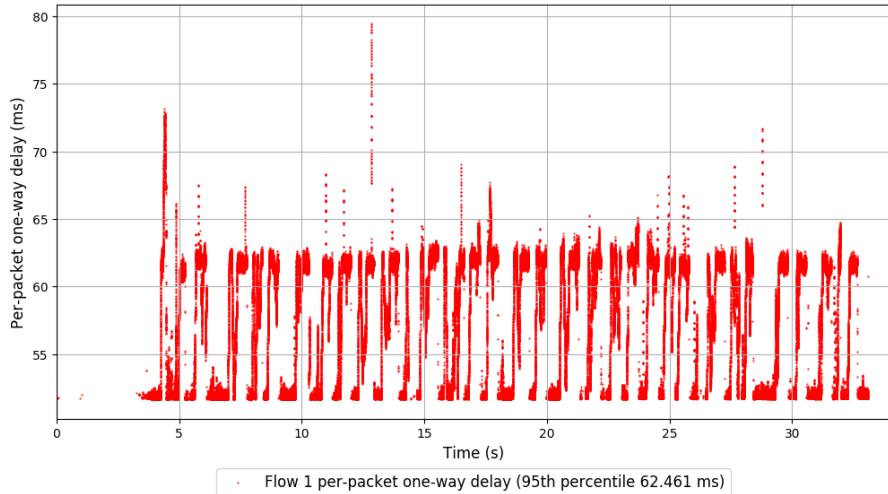
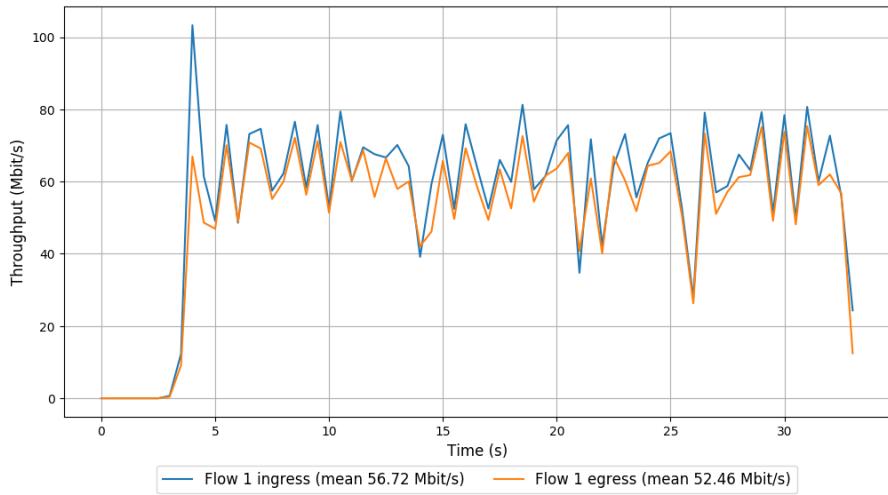


Run 6: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 22:52:28 +0000
End at: Tue, 13 Jun 2017 22:52:58 +0000
Local clock offset: 5.963 ms
Remote clock offset: -0.227 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.46 Mbit/s
95th percentile per-packet one-way delay: 62.461 ms
Loss rate: 7.82%
-- Flow 1:
Average throughput: 52.46 Mbit/s
95th percentile per-packet one-way delay: 62.461 ms
Loss rate: 7.82%
```

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

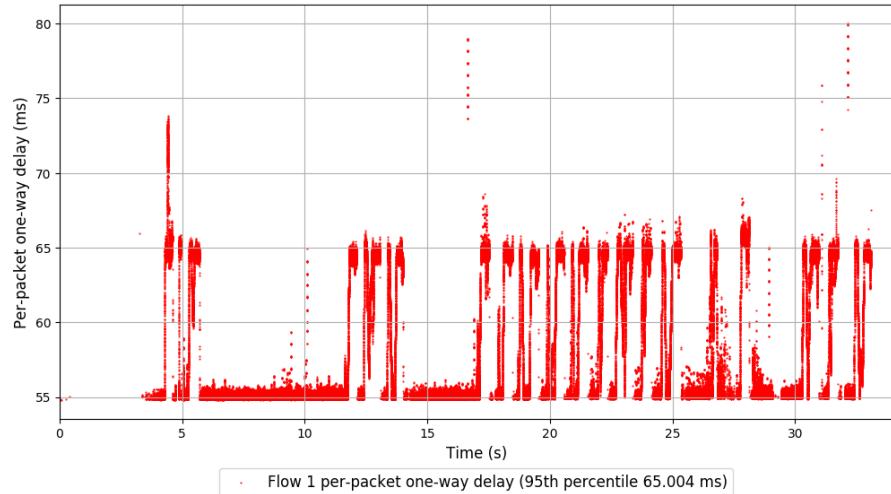
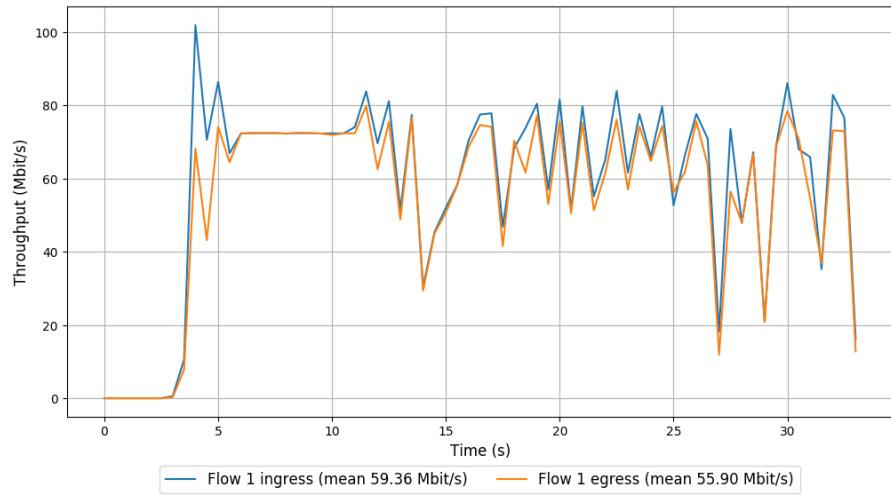


Run 7: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 23:09:43 +0000
End at: Tue, 13 Jun 2017 23:10:13 +0000
Local clock offset: 4.181 ms
Remote clock offset: 0.855 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 65.004 ms
Loss rate: 6.14%
-- Flow 1:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 65.004 ms
Loss rate: 6.14%
```

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

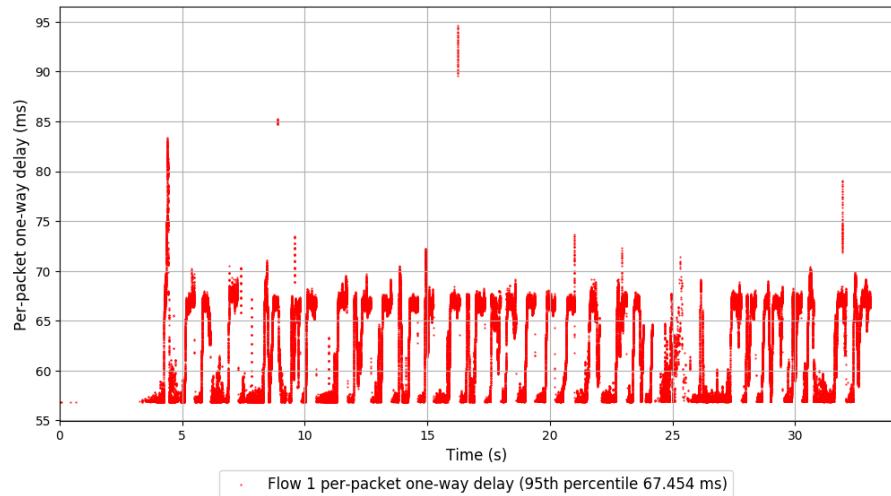
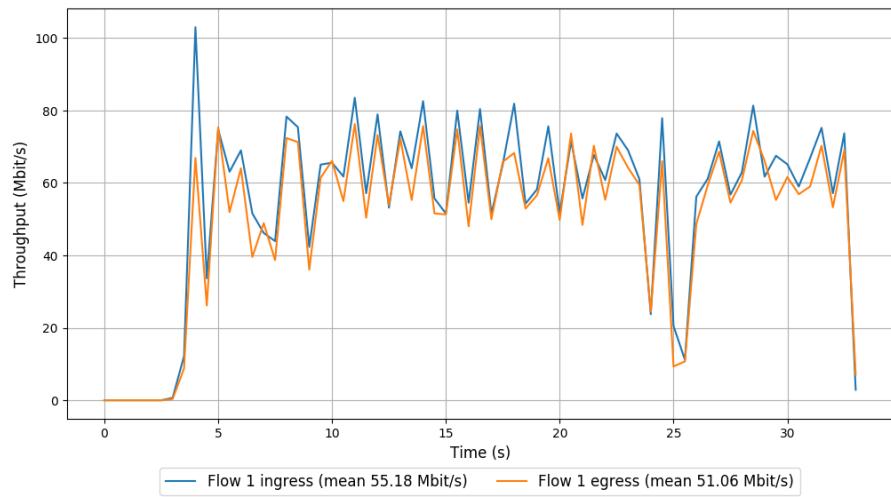


Run 8: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 23:27:07 +0000
End at: Tue, 13 Jun 2017 23:27:37 +0000
Local clock offset: 2.55 ms
Remote clock offset: 1.502 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.06 Mbit/s
95th percentile per-packet one-way delay: 67.454 ms
Loss rate: 7.78%
-- Flow 1:
Average throughput: 51.06 Mbit/s
95th percentile per-packet one-way delay: 67.454 ms
Loss rate: 7.78%
```

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

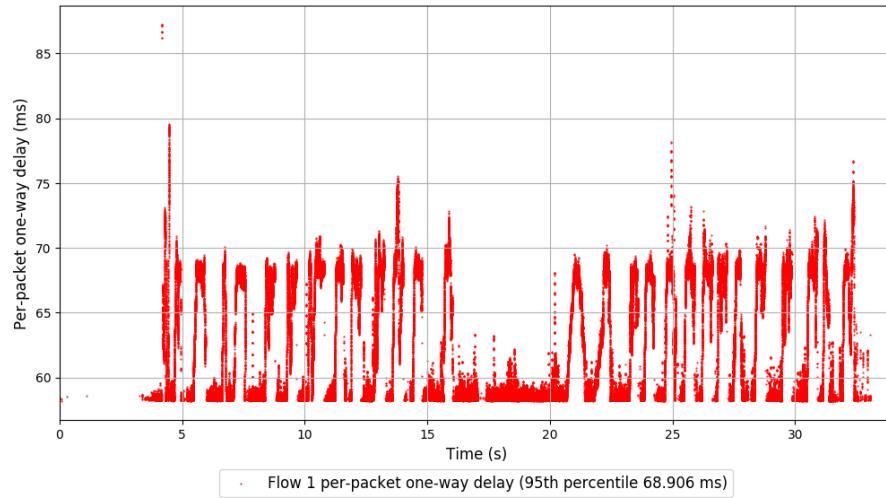
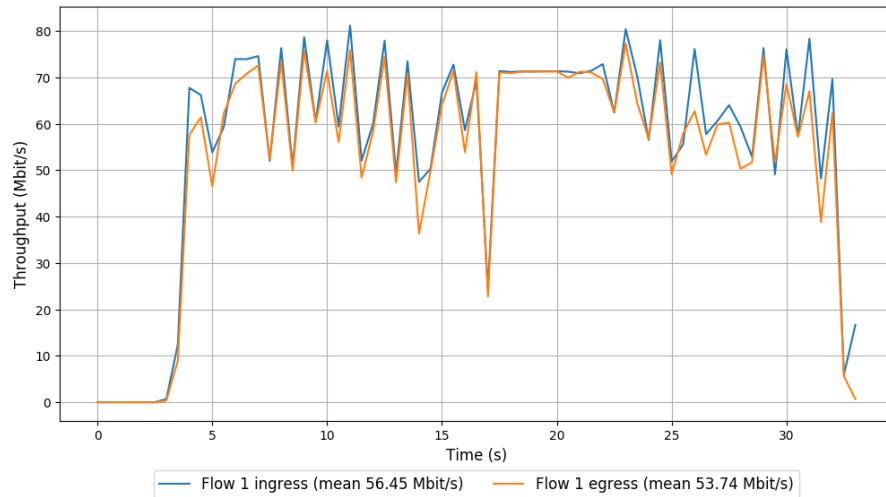


Run 9: Statistics of TCP BBR

```
Start at: Tue, 13 Jun 2017 23:44:42 +0000
End at: Tue, 13 Jun 2017 23:45:12 +0000
Local clock offset: 2.175 ms
Remote clock offset: 2.356 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: 68.906 ms
Loss rate: 5.12%
-- Flow 1:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: 68.906 ms
Loss rate: 5.12%
```

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

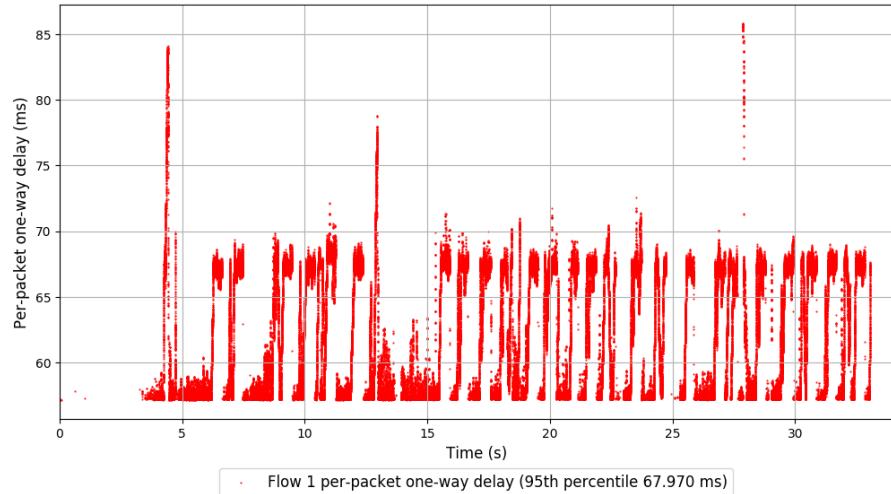
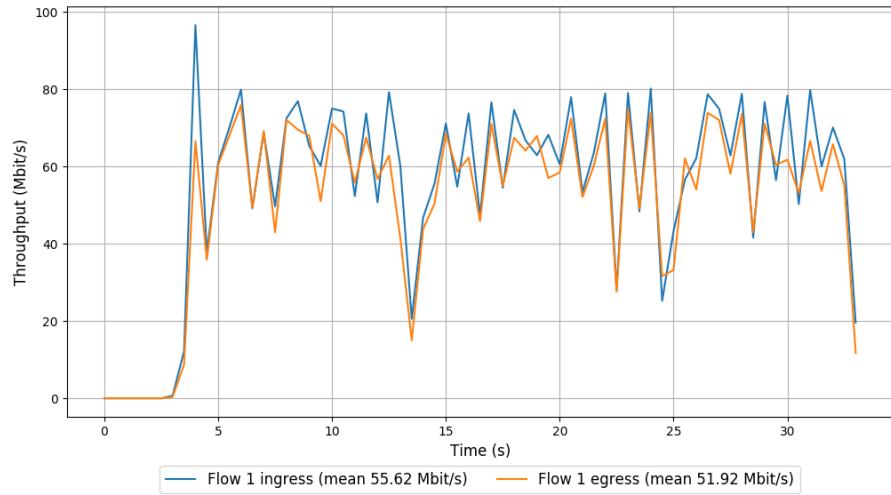


Run 10: Statistics of TCP BBR

```
Start at: Wed, 14 Jun 2017 00:01:48 +0000
End at: Wed, 14 Jun 2017 00:02:18 +0000
Local clock offset: 2.827 ms
Remote clock offset: 3.158 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.92 Mbit/s
95th percentile per-packet one-way delay: 67.970 ms
Loss rate: 6.96%
-- Flow 1:
Average throughput: 51.92 Mbit/s
95th percentile per-packet one-way delay: 67.970 ms
Loss rate: 6.96%
```

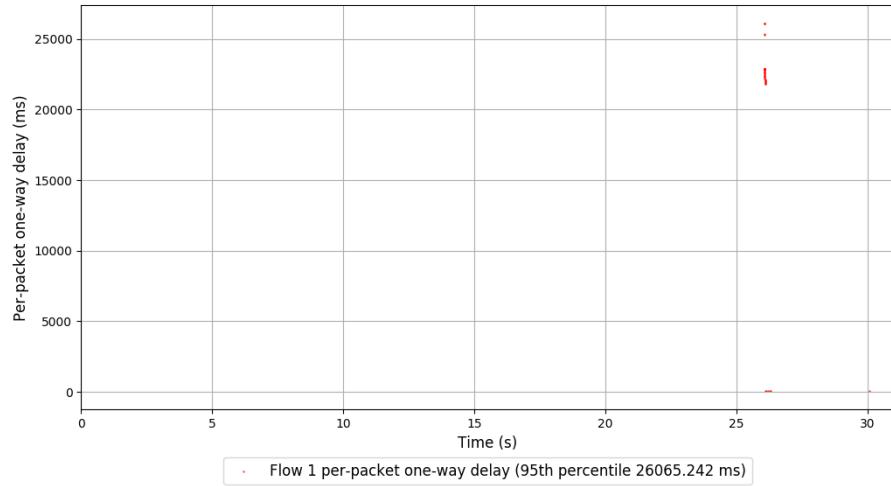
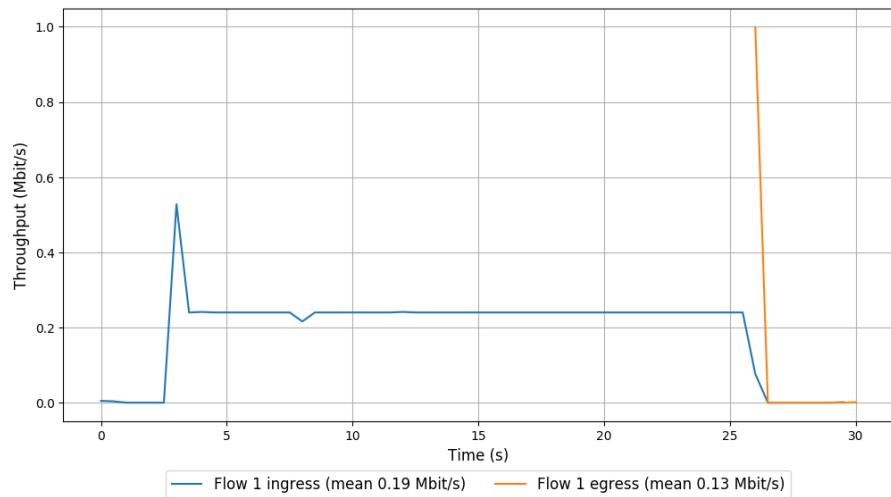
## Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Tue, 13 Jun 2017 21:32:44 +0000  
End at: Tue, 13 Jun 2017 21:33:14 +0000  
Local clock offset: 0.828 ms  
Remote clock offset: -7.225 ms

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

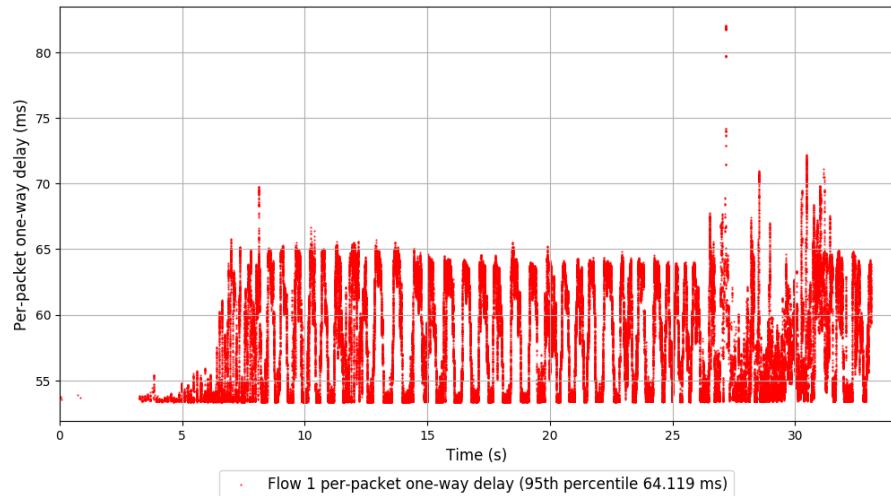
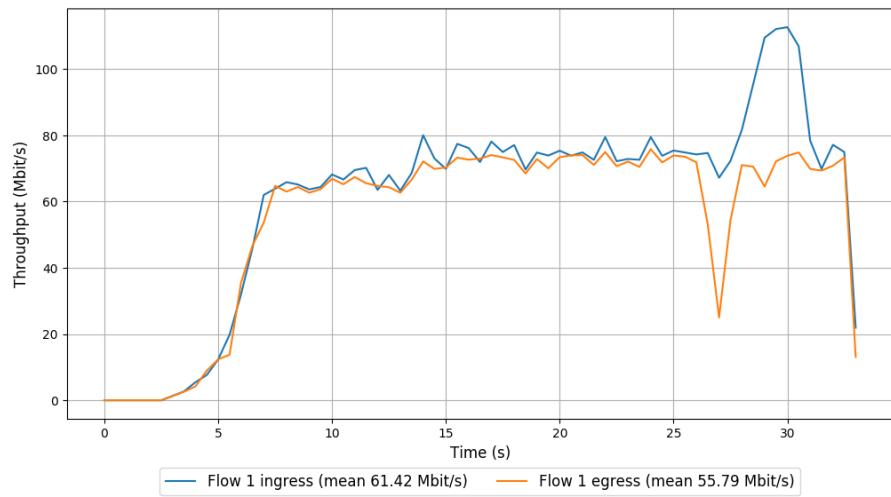


Run 2: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 21:50:04 +0000
End at: Tue, 13 Jun 2017 21:50:34 +0000
Local clock offset: -0.977 ms
Remote clock offset: -16.276 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.79 Mbit/s
95th percentile per-packet one-way delay: 64.119 ms
Loss rate: 9.48%
-- Flow 1:
Average throughput: 55.79 Mbit/s
95th percentile per-packet one-way delay: 64.119 ms
Loss rate: 9.48%
```

Run 2: Report of CalibratedKoho — Data Link

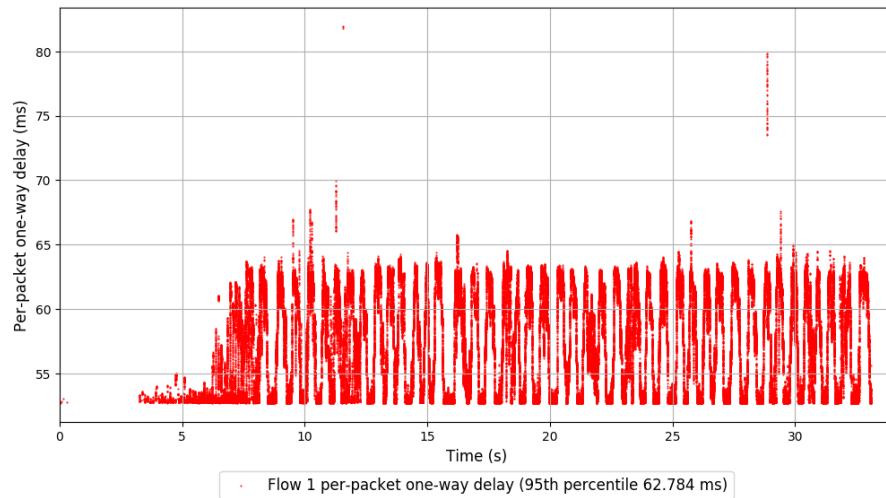
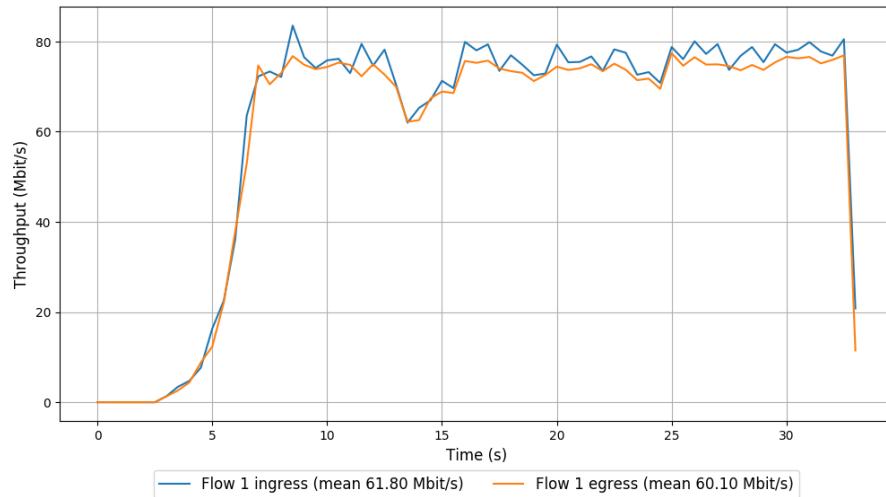


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 22:07:34 +0000
End at: Tue, 13 Jun 2017 22:08:04 +0000
Local clock offset: 1.429 ms
Remote clock offset: -3.758 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:52:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 62.784 ms
Loss rate: 3.07%
-- Flow 1:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 62.784 ms
Loss rate: 3.07%
```

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

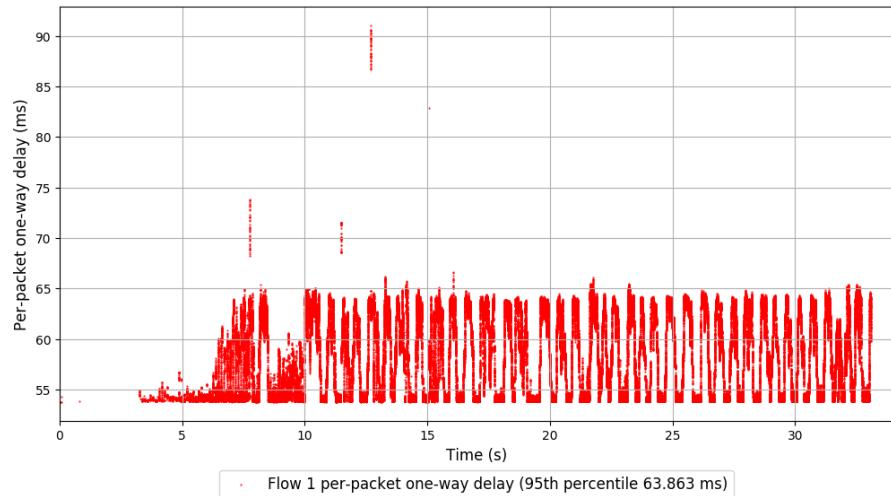
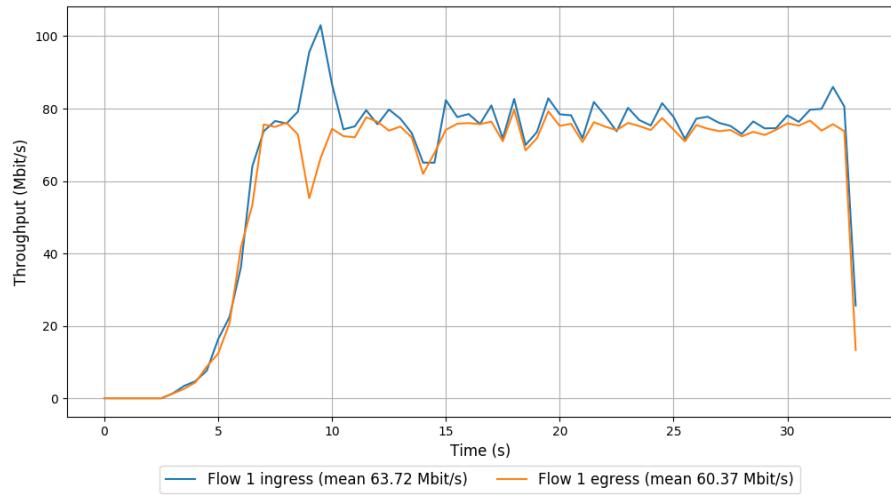


Run 4: Statistics of CalibratedKoho

```
Start at: Tue, 13 Jun 2017 22:25:01 +0000
End at: Tue, 13 Jun 2017 22:25:31 +0000
Local clock offset: 1.875 ms
Remote clock offset: -2.24 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.37 Mbit/s
95th percentile per-packet one-way delay: 63.863 ms
Loss rate: 5.58%
-- Flow 1:
Average throughput: 60.37 Mbit/s
95th percentile per-packet one-way delay: 63.863 ms
Loss rate: 5.58%
```

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



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

```
Start at: Tue, 13 Jun 2017 22:42:16 +0000
```

```
End at: Tue, 13 Jun 2017 22:42:46 +0000
```

```
Local clock offset: 4.714 ms
```

```
Remote clock offset: -1.019 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:08 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 56.86 Mbit/s
```

```
95th percentile per-packet one-way delay: 62.631 ms
```

```
Loss rate: 8.19%
```

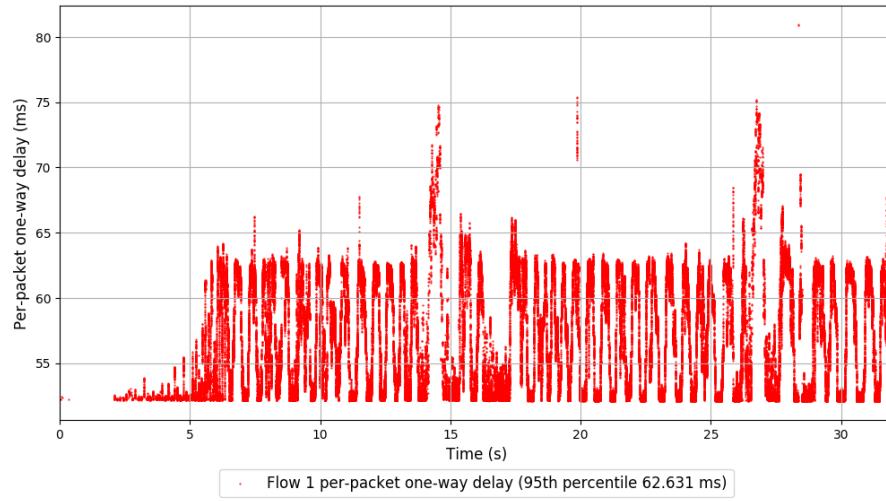
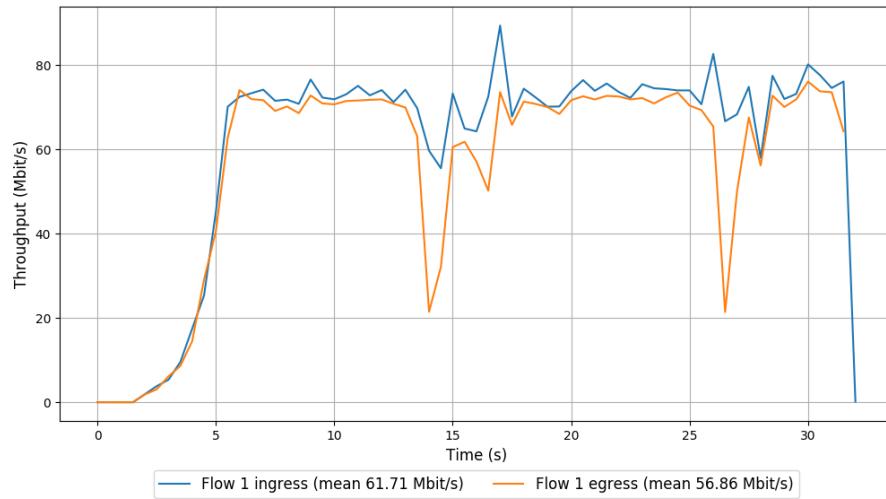
```
-- Flow 1:
```

```
Average throughput: 56.86 Mbit/s
```

```
95th percentile per-packet one-way delay: 62.631 ms
```

```
Loss rate: 8.19%
```

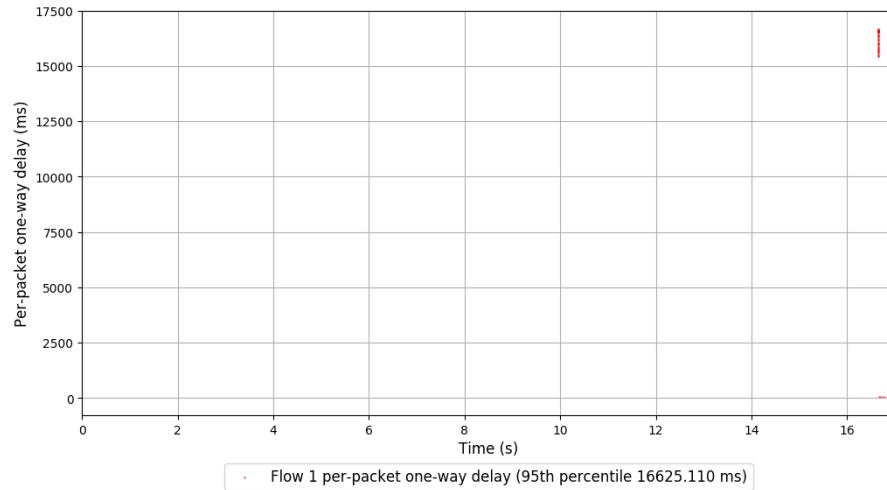
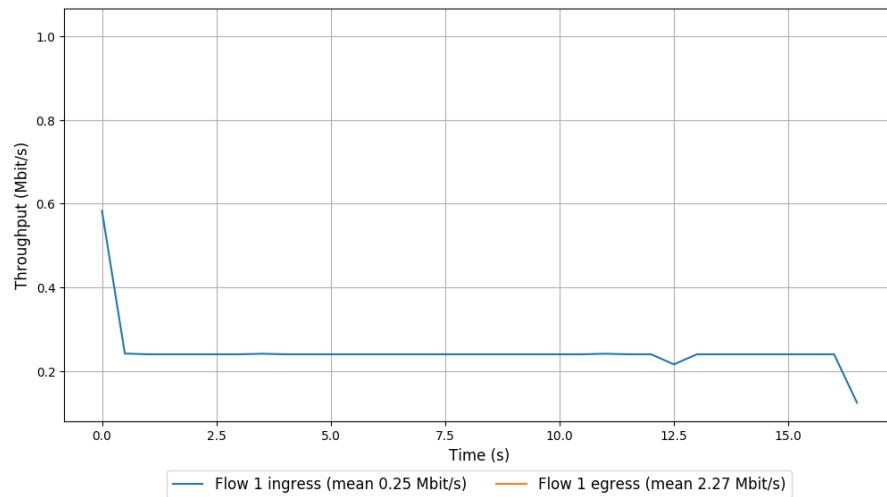
## Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Tue, 13 Jun 2017 22:59:37 +0000  
End at: Tue, 13 Jun 2017 23:00:07 +0000  
Local clock offset: 5.605 ms  
Remote clock offset: 0.557 ms

## Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 13 Jun 2017 23:16:53 +0000

End at: Tue, 13 Jun 2017 23:17:23 +0000

Local clock offset: 3.455 ms

Remote clock offset: 1.303 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.30 Mbit/s

95th percentile per-packet one-way delay: 66.219 ms

Loss rate: 3.27%

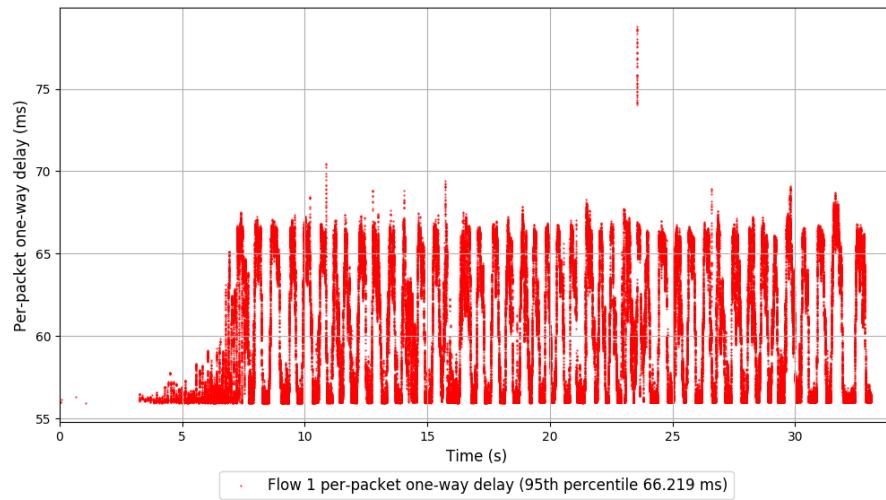
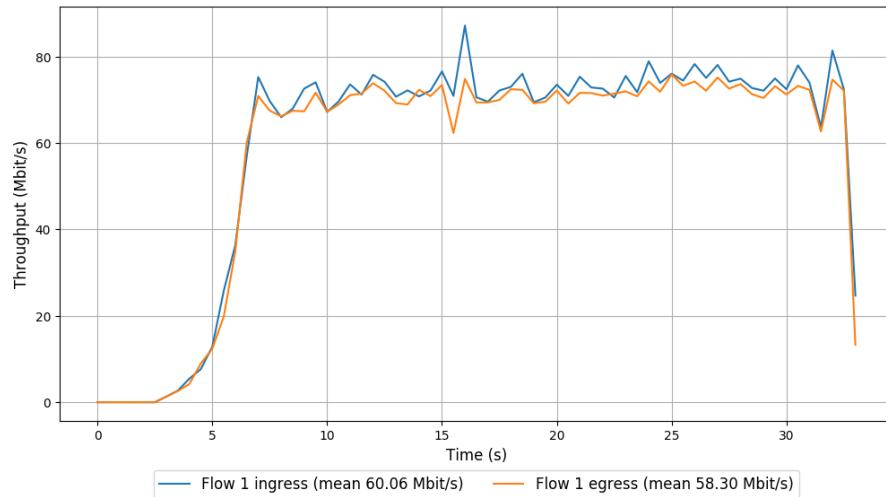
-- Flow 1:

Average throughput: 58.30 Mbit/s

95th percentile per-packet one-way delay: 66.219 ms

Loss rate: 3.27%

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

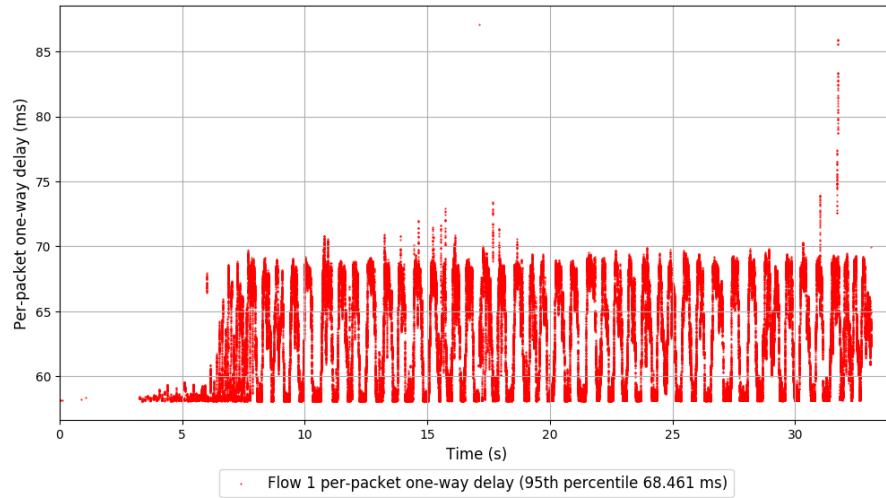
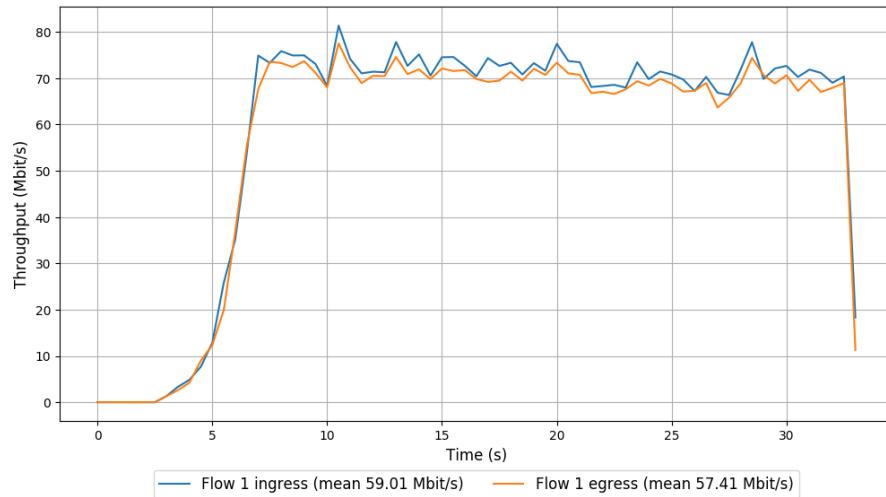


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Tue, 13 Jun 2017 23:34:29 +0000
End at: Tue, 13 Jun 2017 23:34:59 +0000
Local clock offset: 2.175 ms
Remote clock offset: 2.274 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 68.461 ms
Loss rate: 3.03%
-- Flow 1:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 68.461 ms
Loss rate: 3.03%
```

## Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Tue, 13 Jun 2017 23:51:42 +0000  
End at: Tue, 13 Jun 2017 23:52:12 +0000  
Local clock offset: 2.638 ms  
Remote clock offset: 2.55 ms

Run 9: Report of CalibratedKoho — Data Link

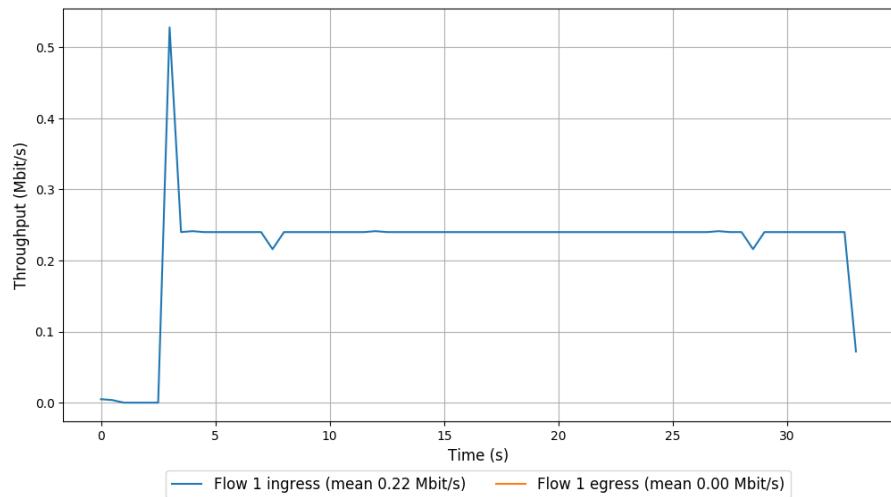


Figure is missing

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

```
Start at: Wed, 14 Jun 2017 00:09:15 +0000
```

```
End at: Wed, 14 Jun 2017 00:09:45 +0000
```

```
Local clock offset: 2.512 ms
```

```
Remote clock offset: 2.874 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 58.74 Mbit/s
```

```
95th percentile per-packet one-way delay: 68.259 ms
```

```
Loss rate: 2.87%
```

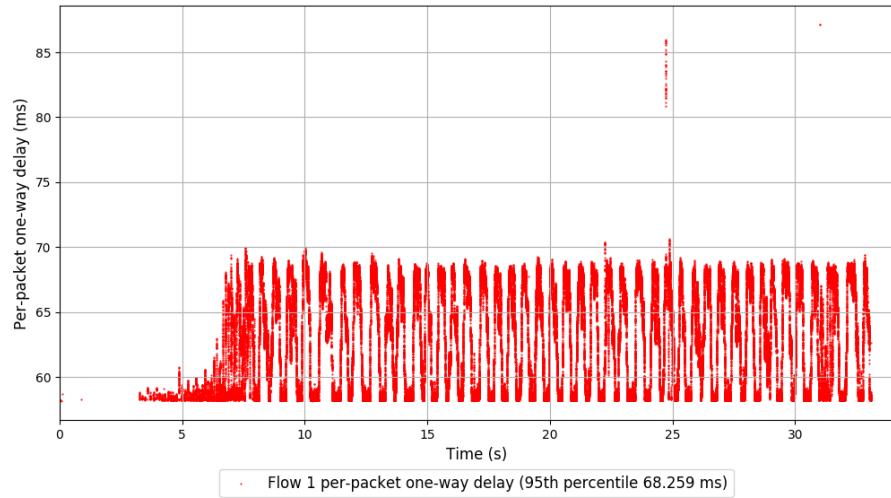
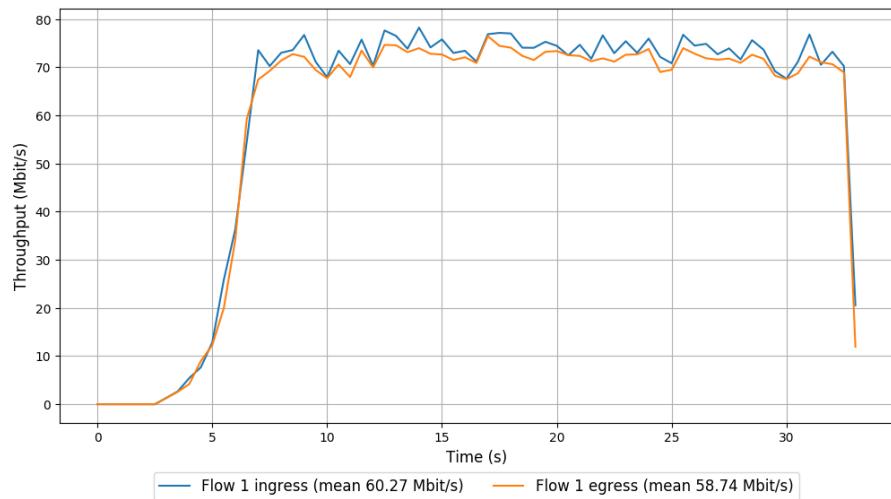
```
-- Flow 1:
```

```
Average throughput: 58.74 Mbit/s
```

```
95th percentile per-packet one-way delay: 68.259 ms
```

```
Loss rate: 2.87%
```

## Run 10: Report of CalibratedKoho — Data Link

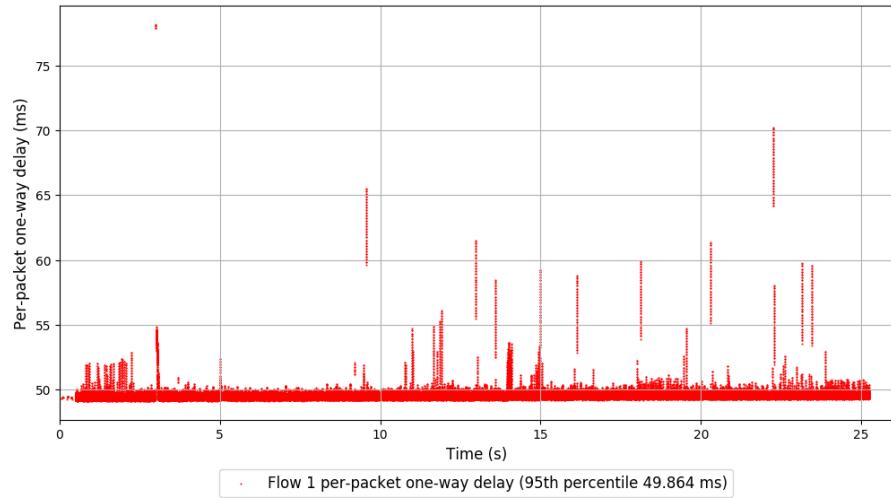
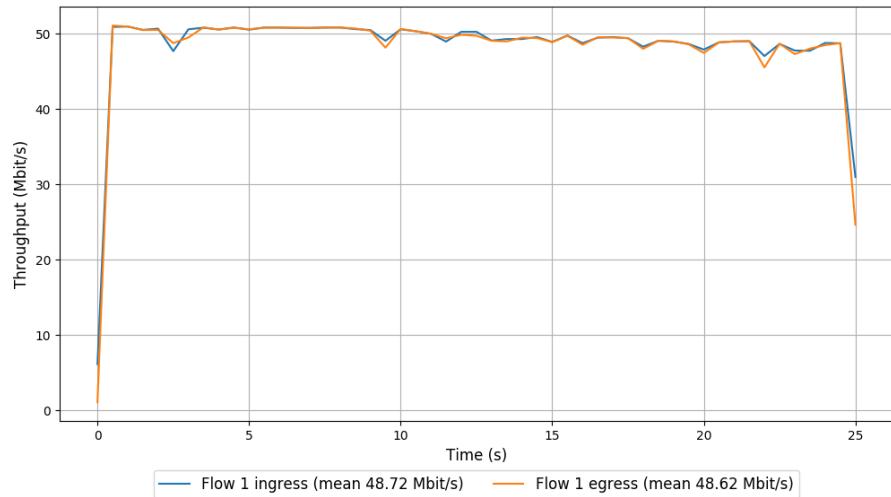


Run 1: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 21:29:05 +0000
End at: Tue, 13 Jun 2017 21:29:35 +0000
Local clock offset: 1.744 ms
Remote clock offset: -6.948 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.62 Mbit/s
95th percentile per-packet one-way delay: 49.864 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 48.62 Mbit/s
95th percentile per-packet one-way delay: 49.864 ms
Loss rate: 0.65%
```

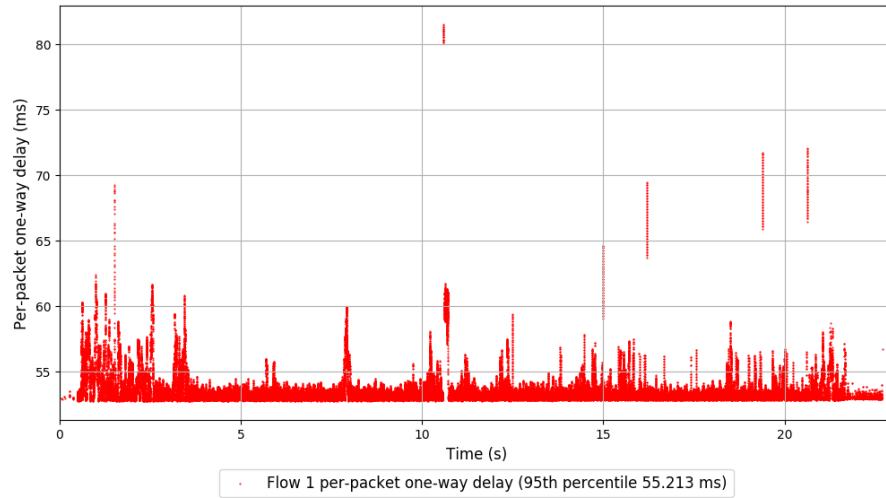
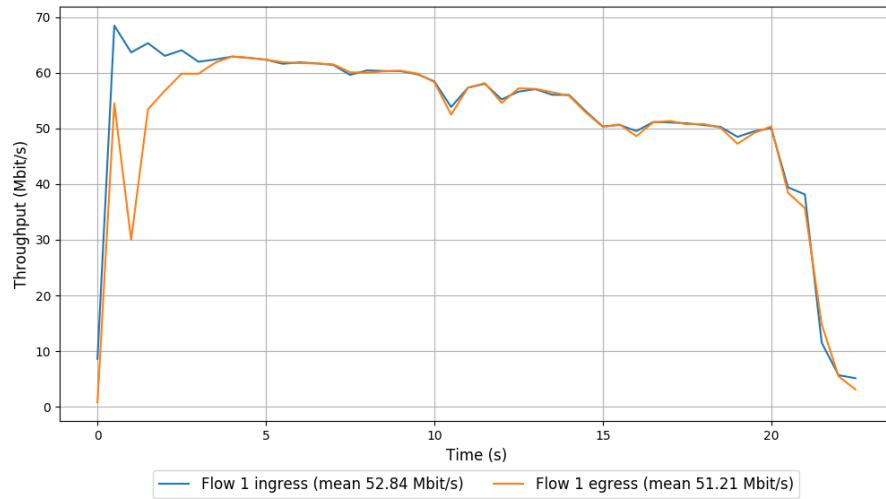
## Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Tue, 13 Jun 2017 21:46:25 +0000  
End at: Tue, 13 Jun 2017 21:46:55 +0000  
Local clock offset: -0.732 ms  
Remote clock offset: -6.848 ms

## Run 2: Report of Copa — Data Link

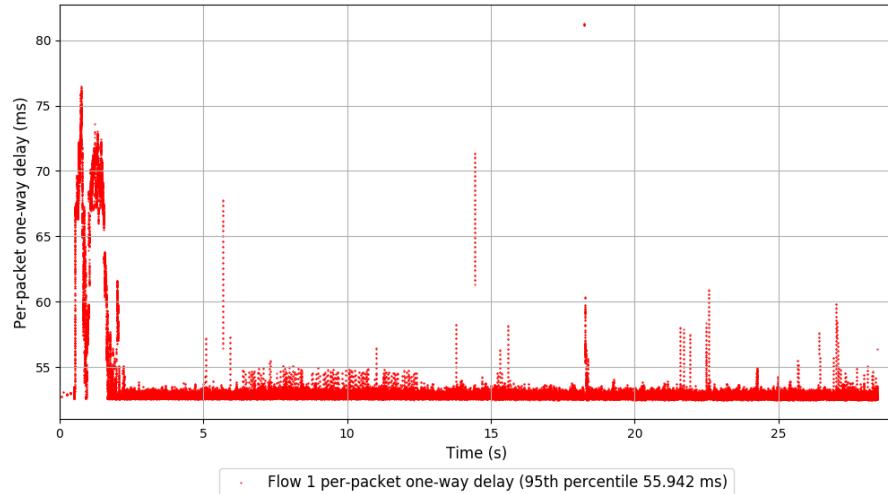
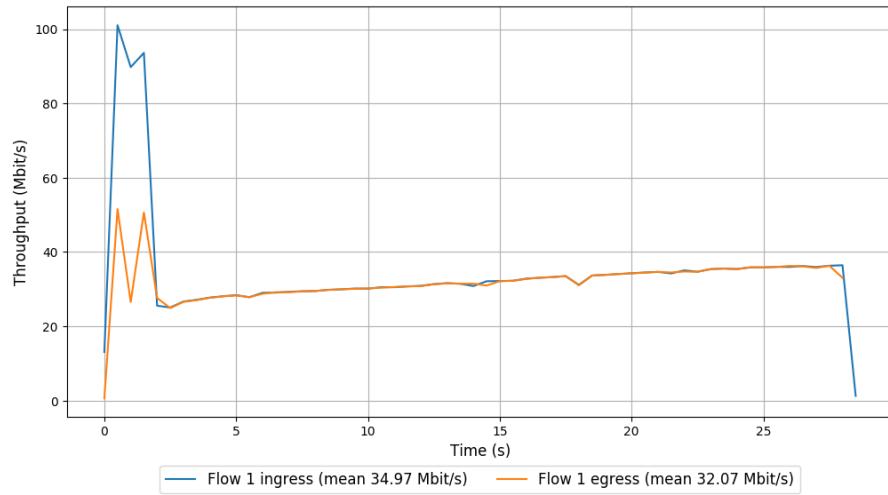


Run 3: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 22:03:53 +0000
End at: Tue, 13 Jun 2017 22:04:23 +0000
Local clock offset: 0.682 ms
Remote clock offset: -4.092 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.07 Mbit/s
95th percentile per-packet one-way delay: 55.942 ms
Loss rate: 8.66%
-- Flow 1:
Average throughput: 32.07 Mbit/s
95th percentile per-packet one-way delay: 55.942 ms
Loss rate: 8.66%
```

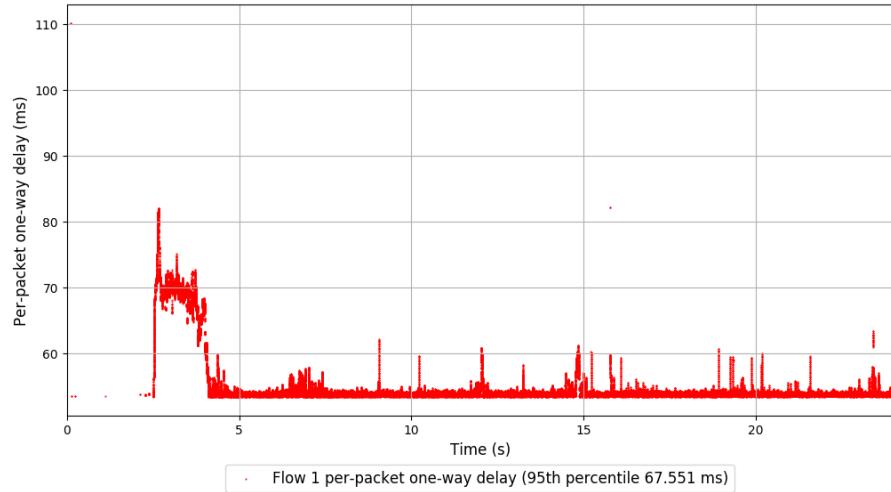
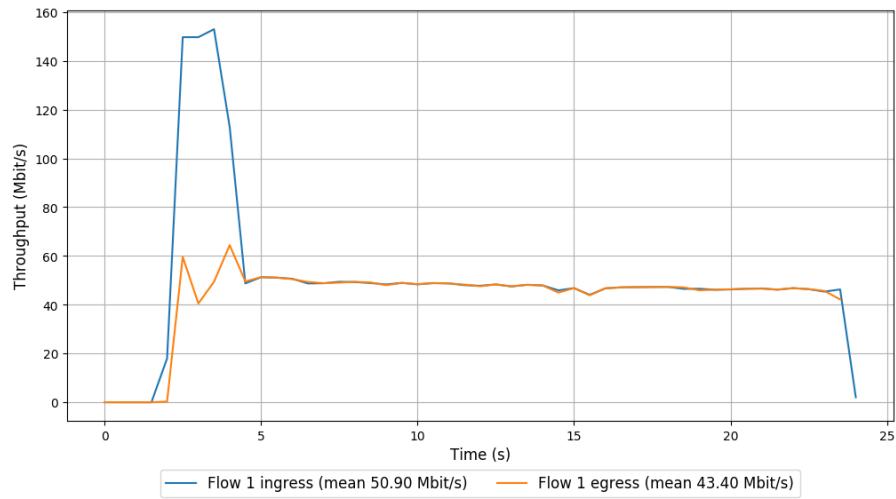
### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Tue, 13 Jun 2017 22:21:21 +0000  
End at: Tue, 13 Jun 2017 22:21:51 +0000  
Local clock offset: 2.091 ms  
Remote clock offset: -2.918 ms

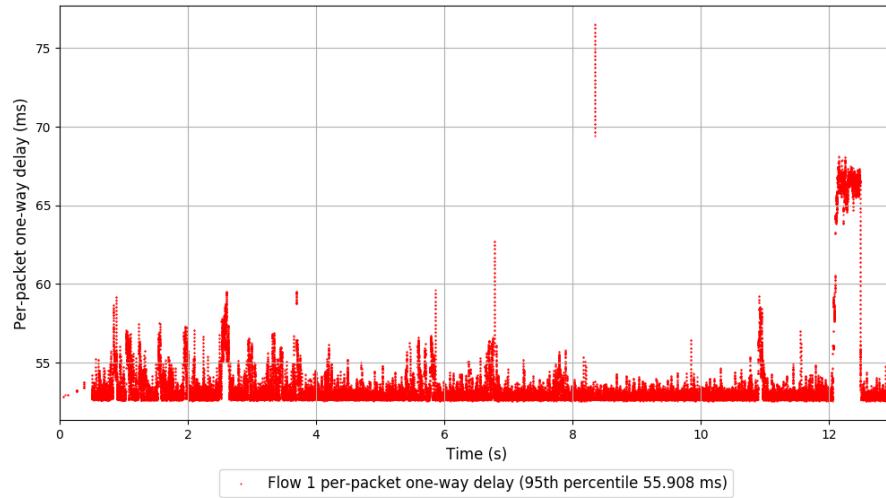
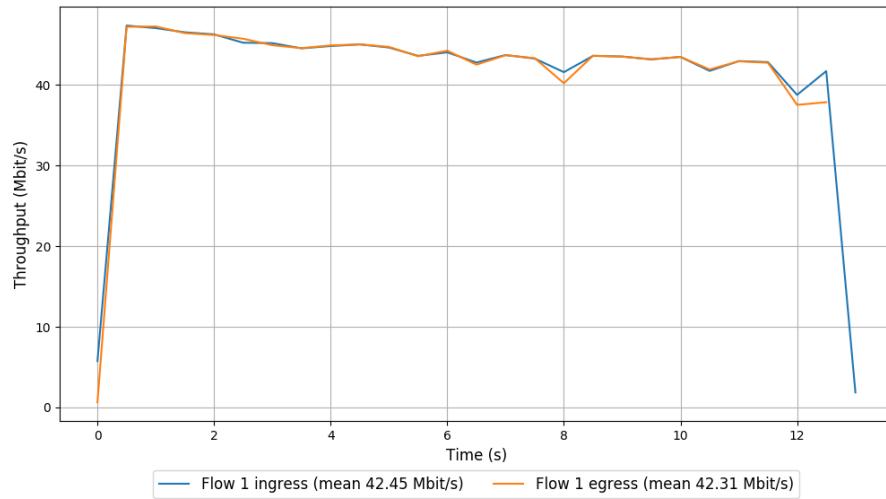
## Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Tue, 13 Jun 2017 22:38:45 +0000  
End at: Tue, 13 Jun 2017 22:39:15 +0000  
Local clock offset: 3.887 ms  
Remote clock offset: -1.048 ms

## Run 5: Report of Copa — Data Link

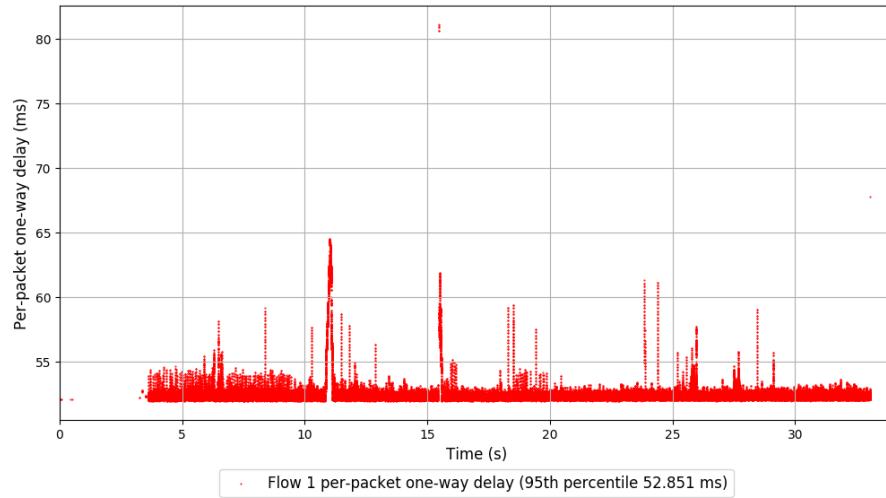
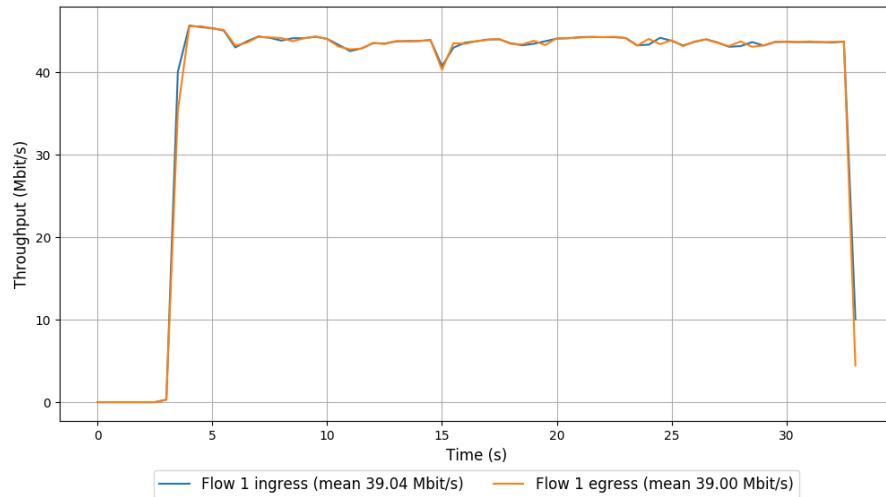


Run 6: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 22:56:00 +0000
End at: Tue, 13 Jun 2017 22:56:30 +0000
Local clock offset: 5.835 ms
Remote clock offset: -0.22 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 52.851 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 52.851 ms
Loss rate: 0.40%
```

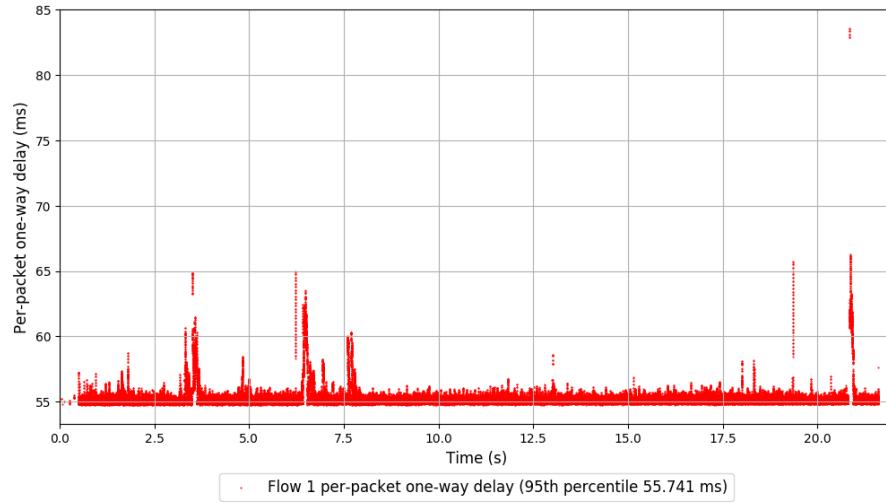
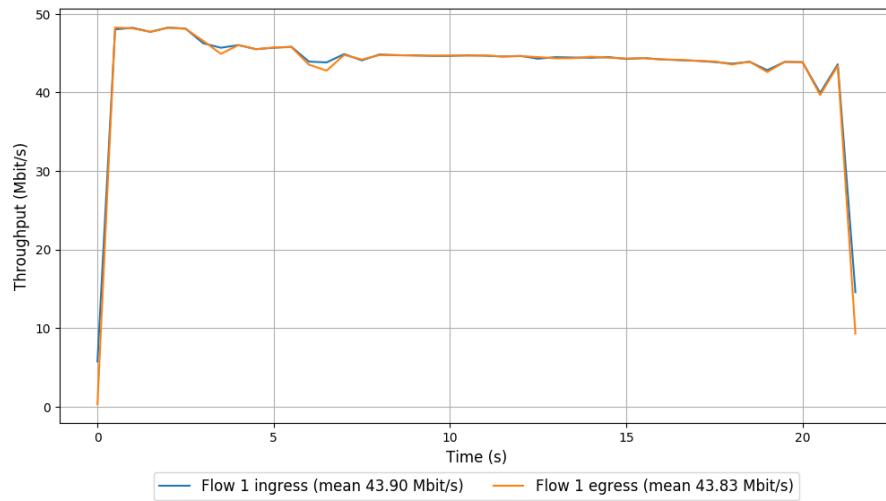
## Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Tue, 13 Jun 2017 23:13:14 +0000  
End at: Tue, 13 Jun 2017 23:13:44 +0000  
Local clock offset: 3.767 ms  
Remote clock offset: 0.446 ms

## Run 7: Report of Copa — Data Link

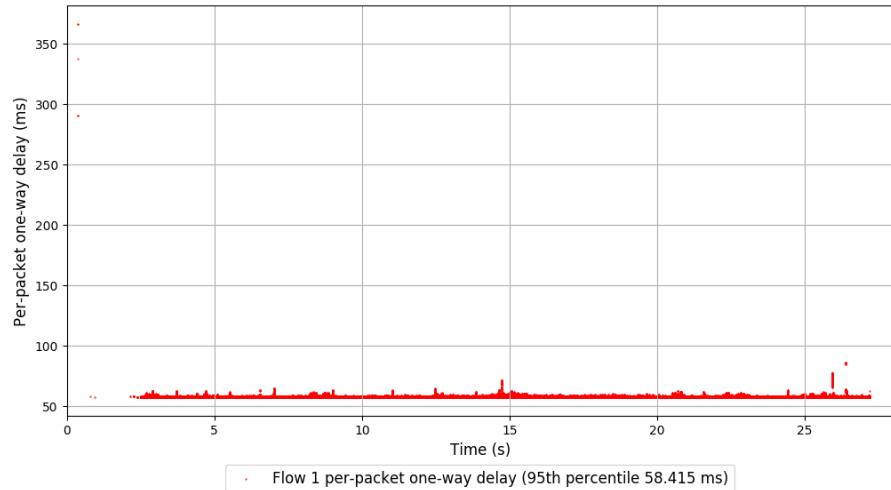
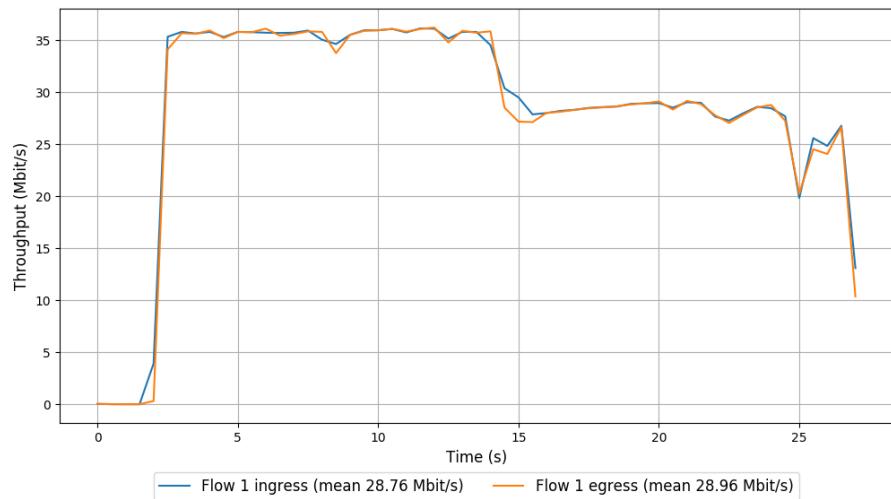


Run 8: Statistics of Copa

```
Start at: Tue, 13 Jun 2017 23:30:44 +0000
End at: Tue, 13 Jun 2017 23:31:14 +0000
Local clock offset: 2.331 ms
Remote clock offset: 1.568 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:53:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.96 Mbit/s
95th percentile per-packet one-way delay: 58.415 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 28.96 Mbit/s
95th percentile per-packet one-way delay: 58.415 ms
Loss rate: 0.89%
```

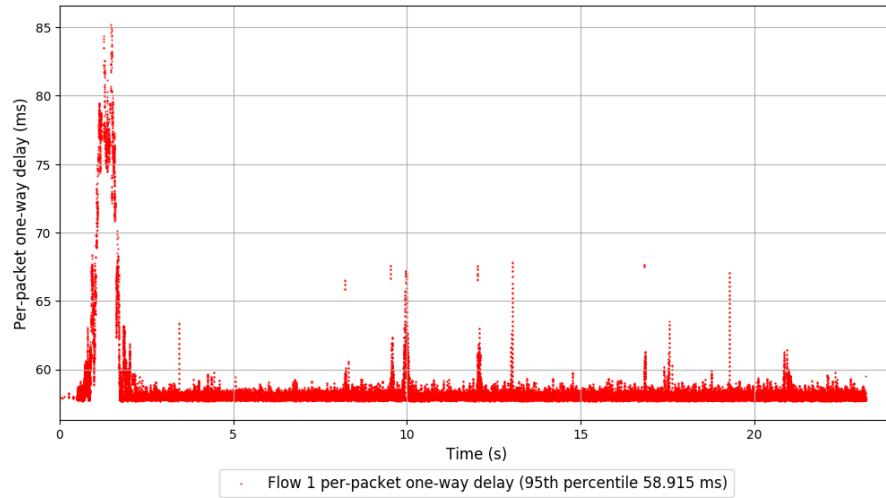
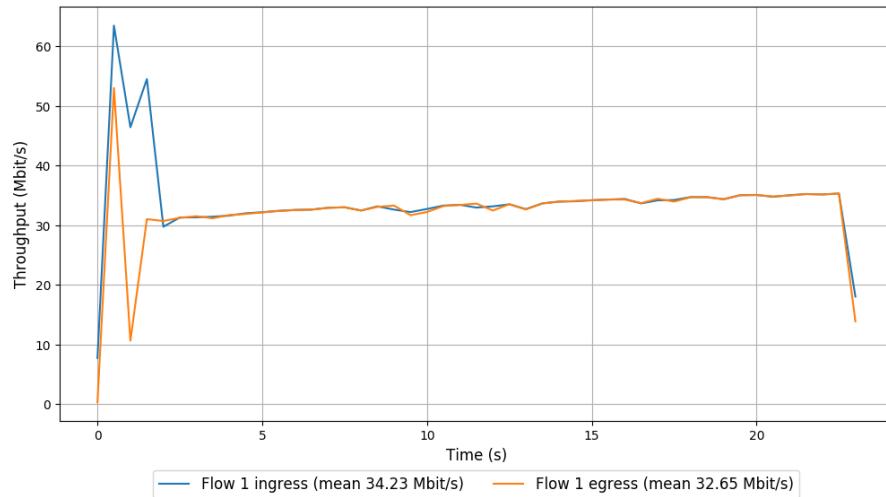
## Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Tue, 13 Jun 2017 23:48:12 +0000  
End at: Tue, 13 Jun 2017 23:48:42 +0000  
Local clock offset: 2.452 ms  
Remote clock offset: 1.865 ms

## Run 9: Report of Copa — Data Link

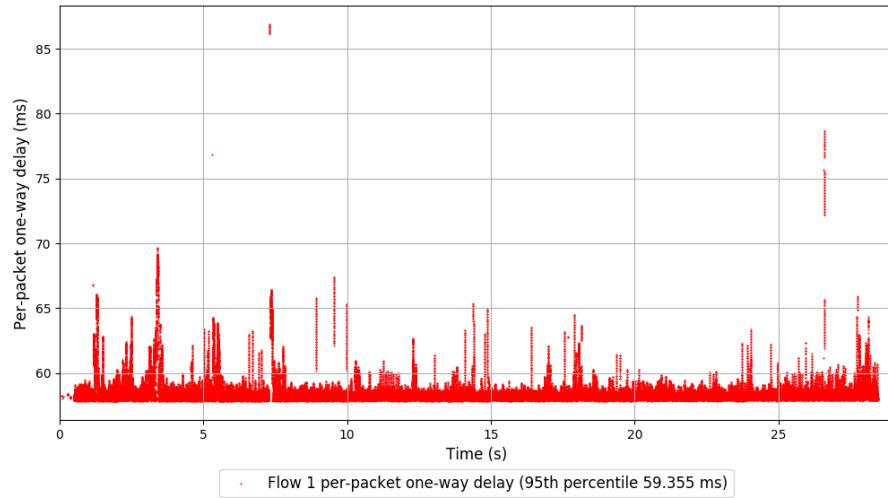
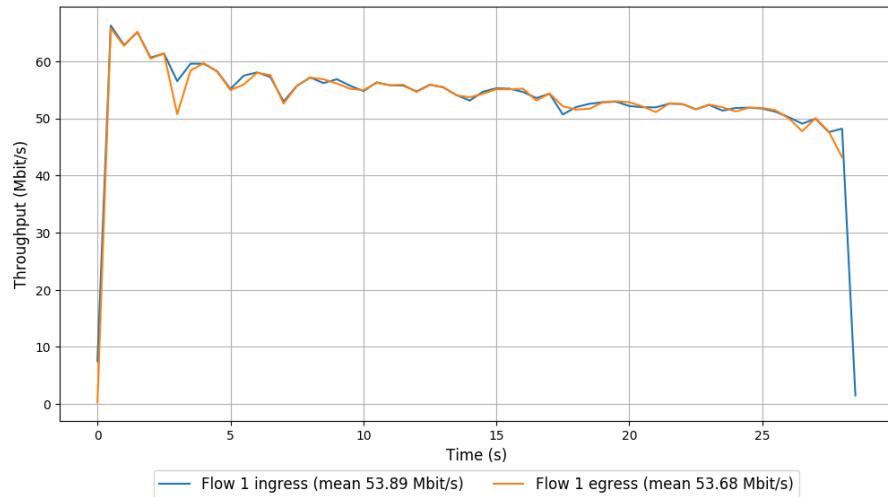


Run 10: Statistics of Copa

```
Start at: Wed, 14 Jun 2017 00:05:34 +0000
End at: Wed, 14 Jun 2017 00:06:04 +0000
Local clock offset: 2.587 ms
Remote clock offset: 3.079 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: 59.355 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: 59.355 ms
Loss rate: 0.79%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Tue, 13 Jun 2017 21:23:14 +0000
```

```
End at: Tue, 13 Jun 2017 21:23:44 +0000
```

```
Local clock offset: 3.337 ms
```

```
Remote clock offset: -7.473 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:11 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 38.67 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.932 ms
```

```
Loss rate: 0.92%
```

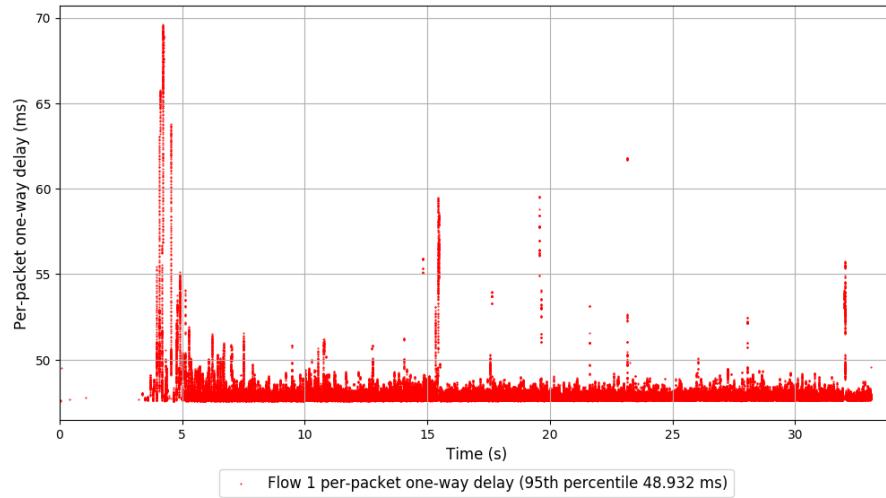
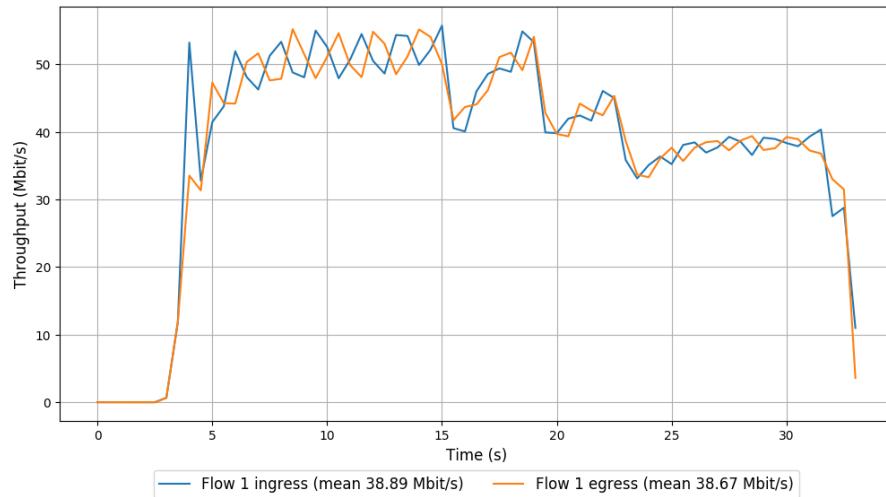
```
-- Flow 1:
```

```
Average throughput: 38.67 Mbit/s
```

```
95th percentile per-packet one-way delay: 48.932 ms
```

```
Loss rate: 0.92%
```

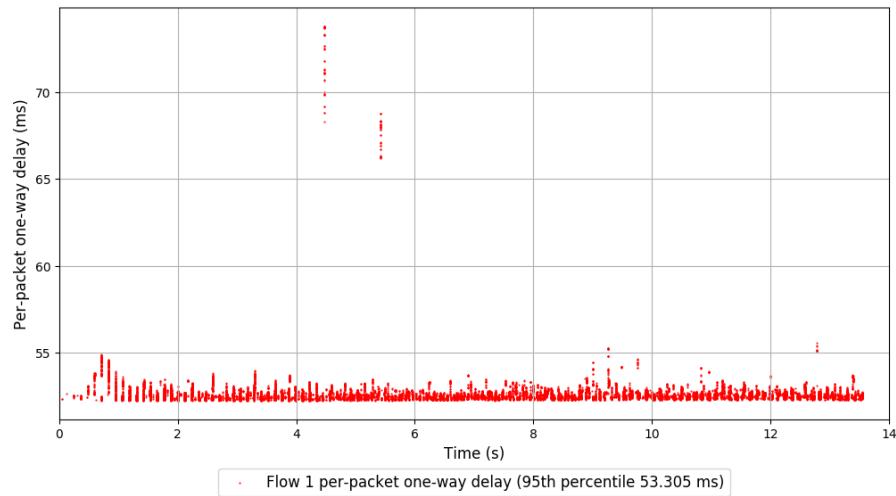
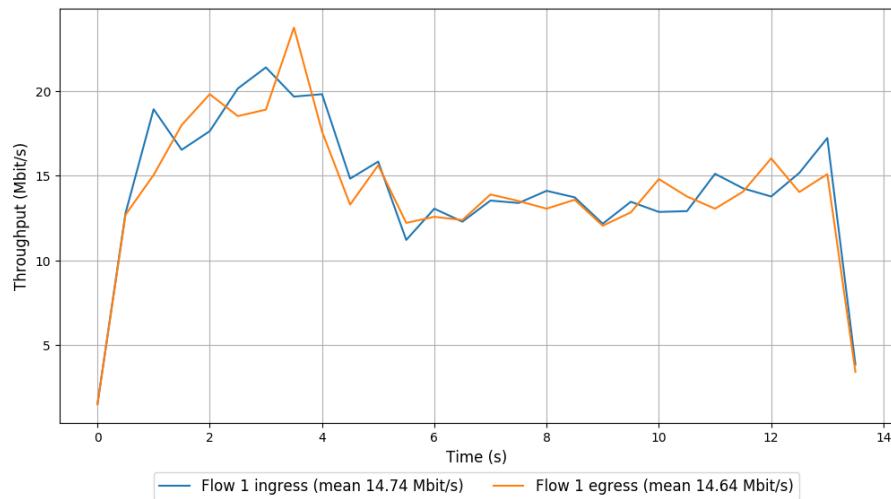
### Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 21:40:38 +0000  
End at: Tue, 13 Jun 2017 21:41:08 +0000  
Local clock offset: -0.33 ms  
Remote clock offset: -6.222 ms

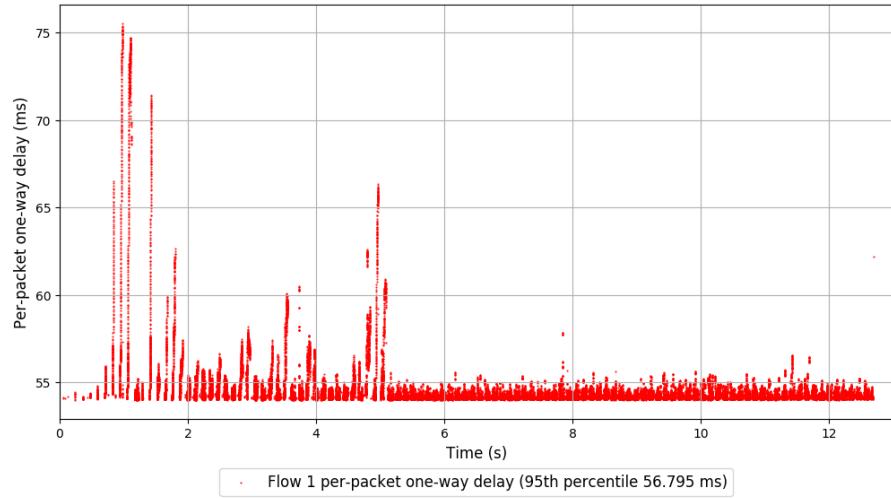
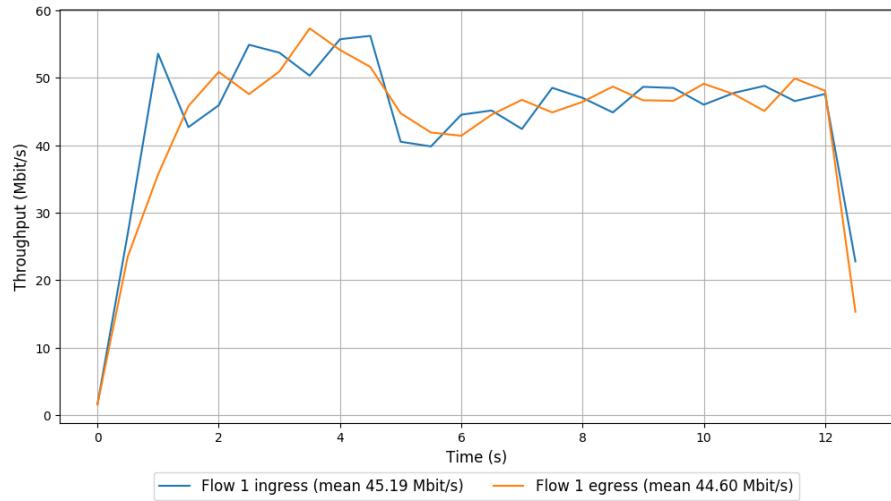
## Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 21:58:01 +0000  
End at: Tue, 13 Jun 2017 21:58:31 +0000  
Local clock offset: -1.189 ms  
Remote clock offset: -5.972 ms

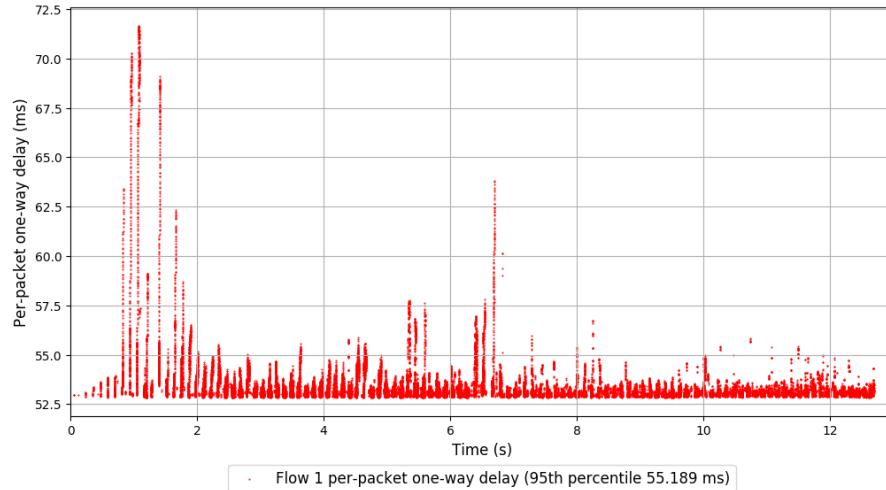
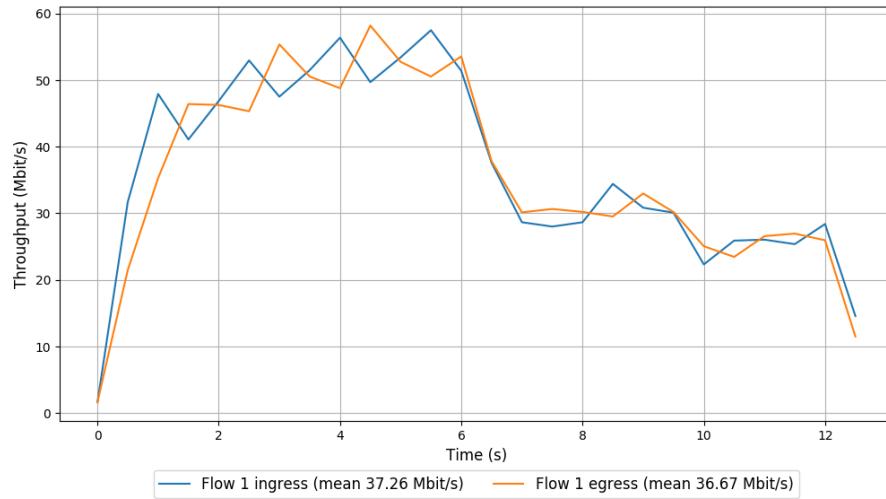
### Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 22:15:34 +0000  
End at: Tue, 13 Jun 2017 22:16:04 +0000  
Local clock offset: 2.147 ms  
Remote clock offset: -3.26 ms

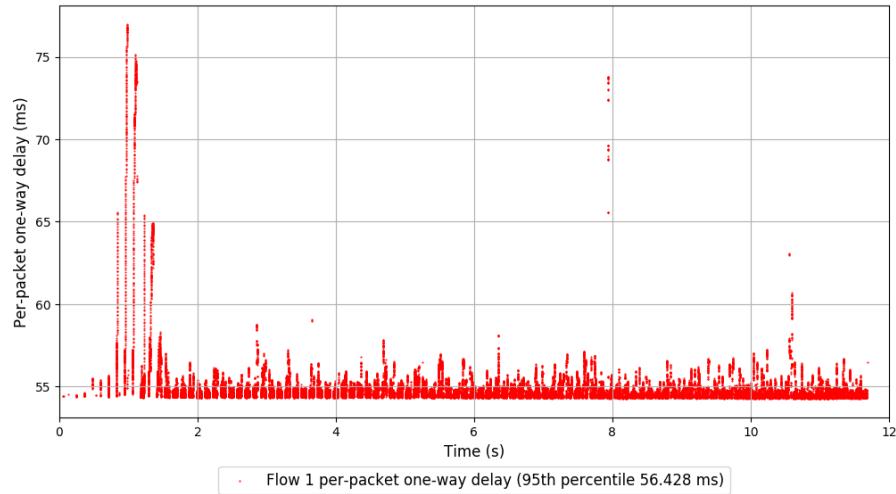
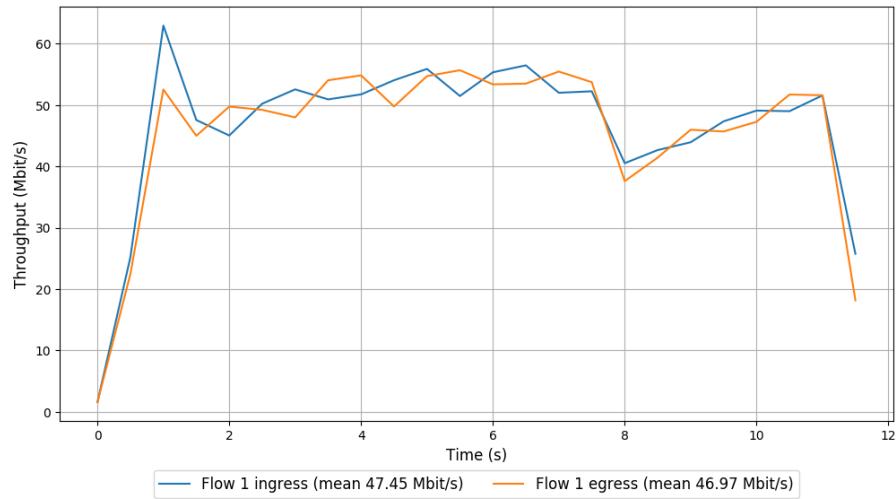
## Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 22:32:59 +0000  
End at: Tue, 13 Jun 2017 22:33:29 +0000  
Local clock offset: 1.54 ms  
Remote clock offset: -1.548 ms

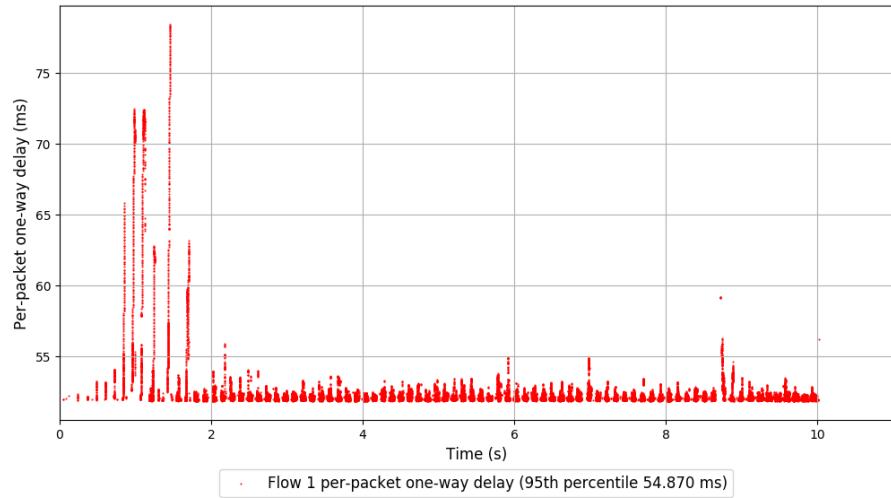
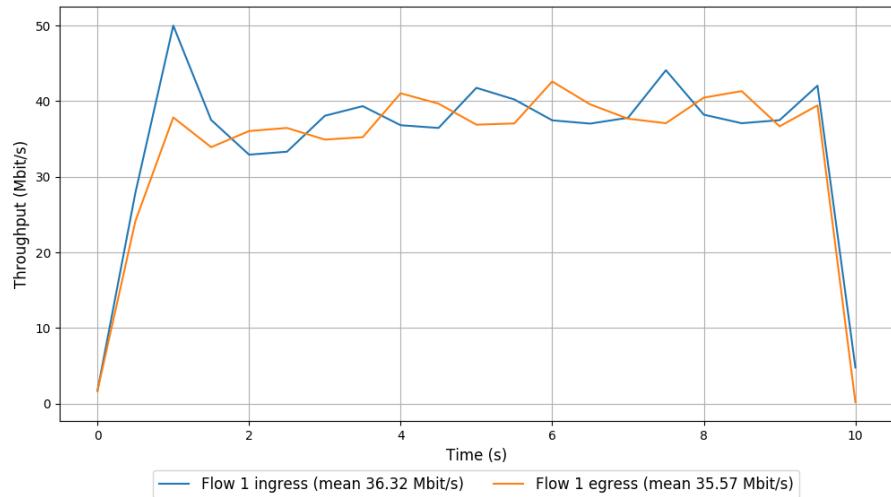
### Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 22:50:14 +0000  
End at: Tue, 13 Jun 2017 22:50:44 +0000  
Local clock offset: 5.831 ms  
Remote clock offset: -0.345 ms

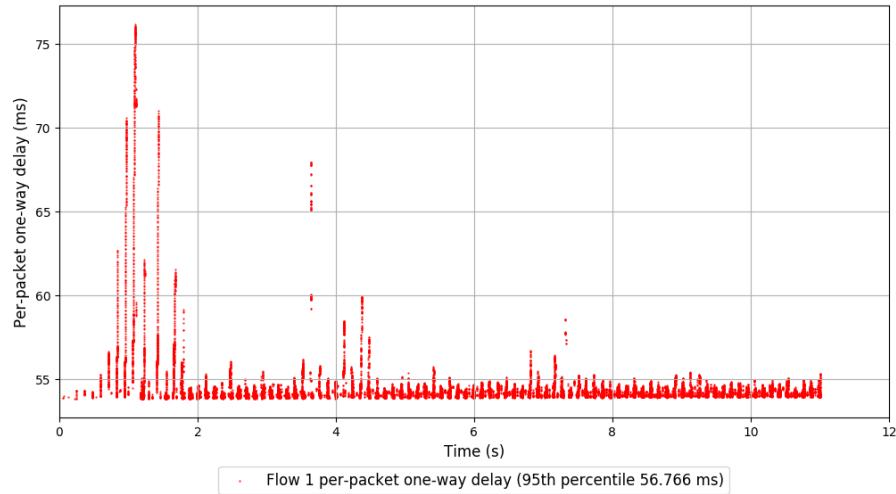
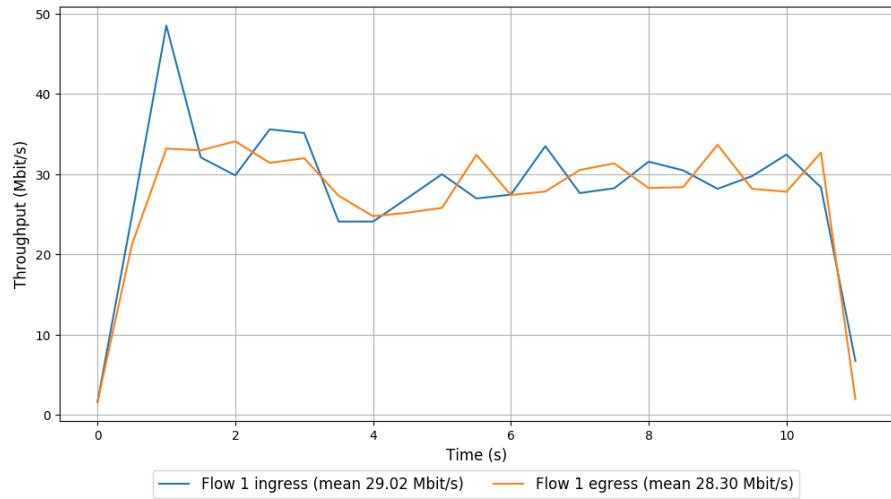
## Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 23:07:29 +0000  
End at: Tue, 13 Jun 2017 23:07:59 +0000  
Local clock offset: 5.048 ms  
Remote clock offset: 0.445 ms

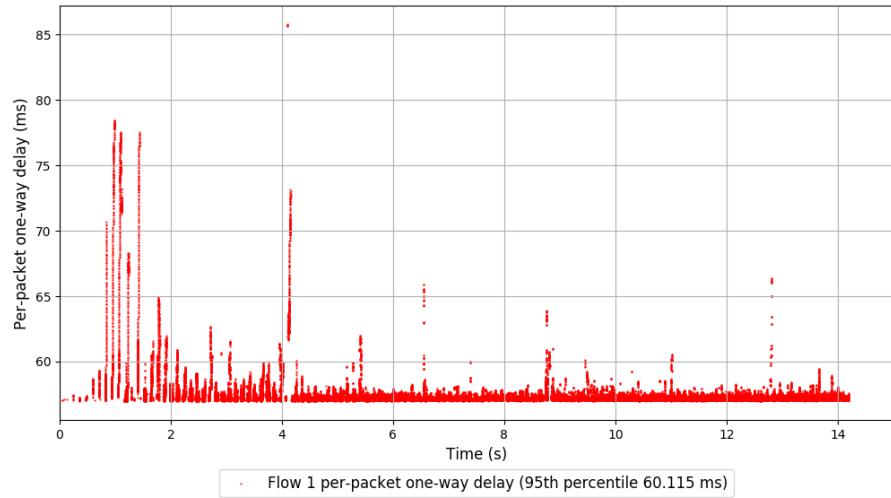
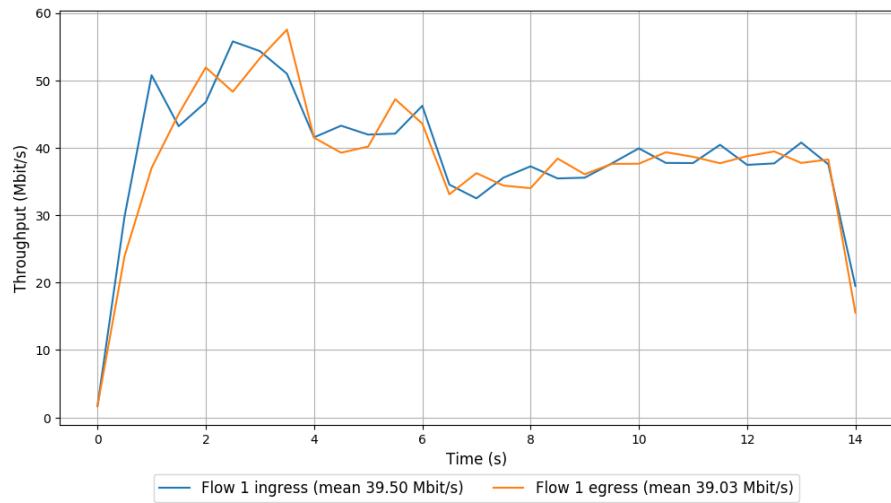
## Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 23:24:53 +0000  
End at: Tue, 13 Jun 2017 23:25:23 +0000  
Local clock offset: 2.73 ms  
Remote clock offset: 1.518 ms

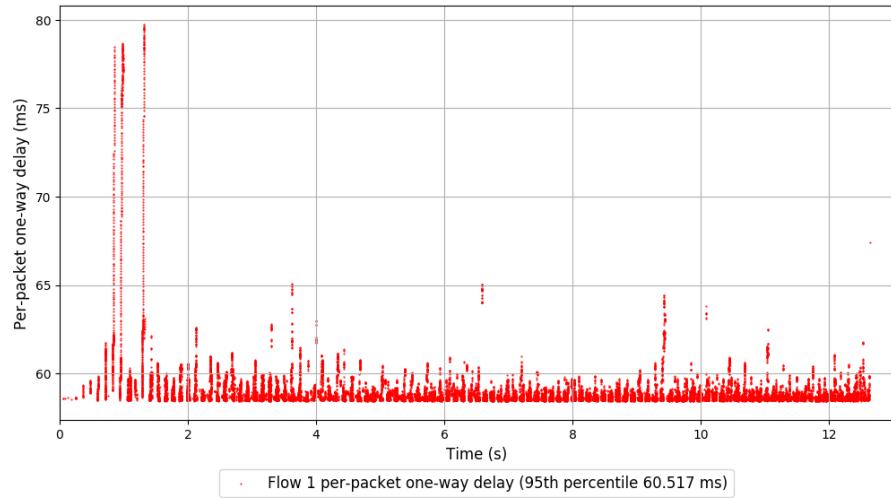
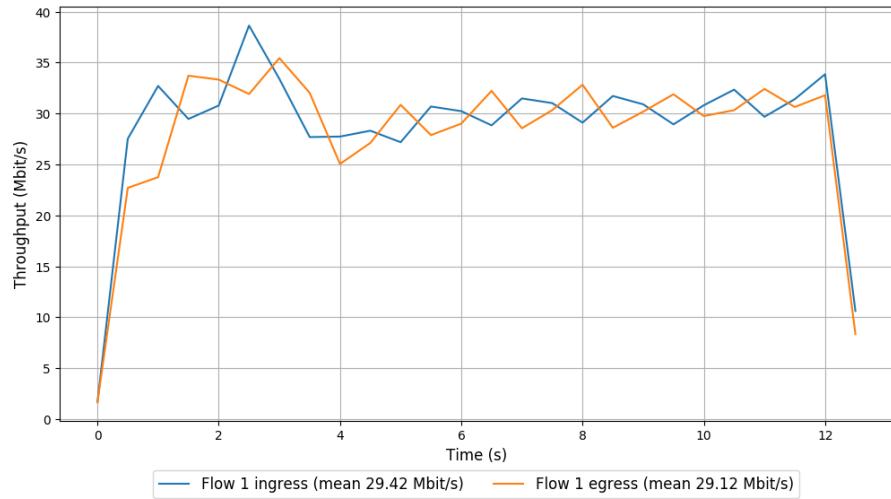
## Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 23:42:28 +0000  
End at: Tue, 13 Jun 2017 23:42:58 +0000  
Local clock offset: 1.929 ms  
Remote clock offset: 2.549 ms

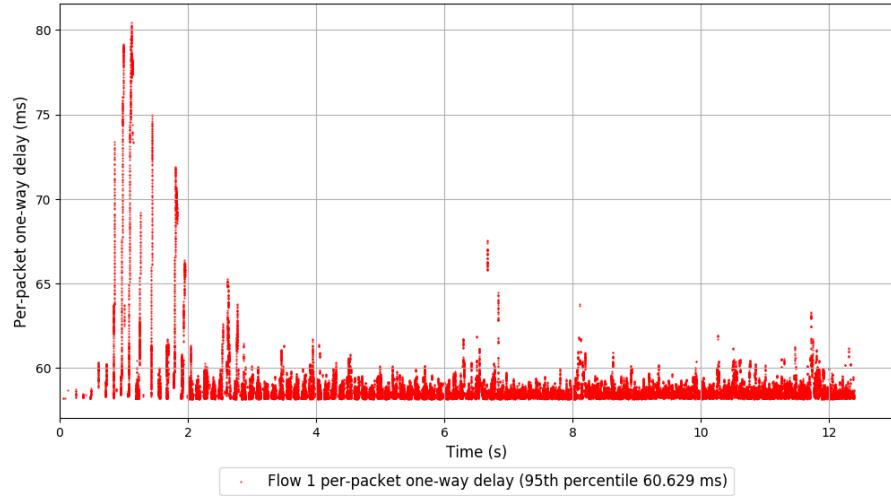
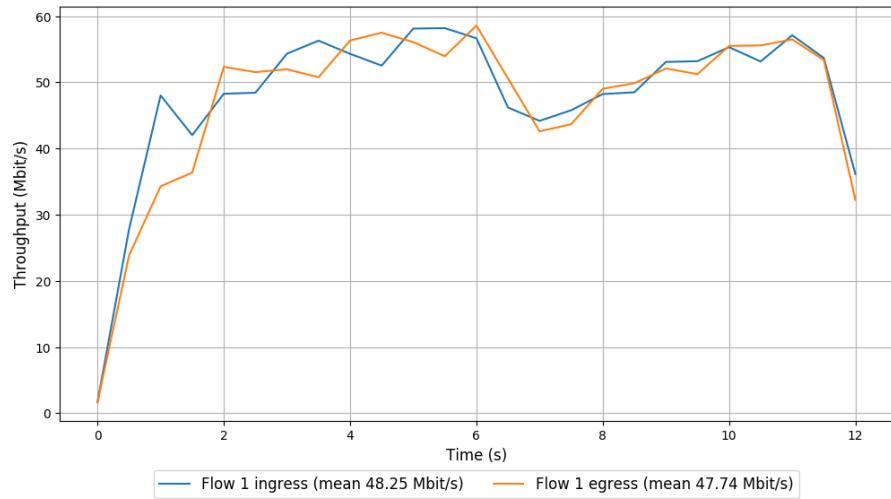
### Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Tue, 13 Jun 2017 23:59:34 +0000  
End at: Wed, 14 Jun 2017 00:00:04 +0000  
Local clock offset: 2.762 ms  
Remote clock offset: 2.521 ms

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



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

```
Start at: Tue, 13 Jun 2017 21:36:04 +0000
```

```
End at: Tue, 13 Jun 2017 21:36:34 +0000
```

```
Local clock offset: 0.146 ms
```

```
Remote clock offset: -9.809 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:24 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 52.512 ms
```

```
Loss rate: 0.48%
```

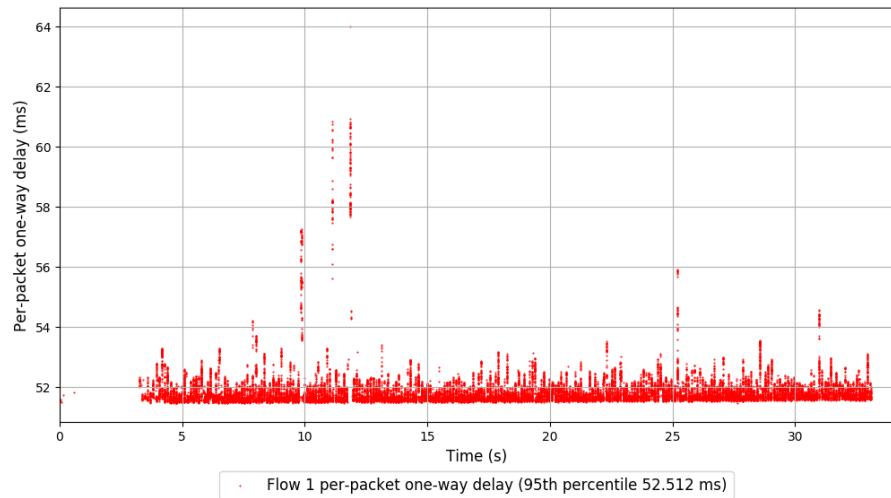
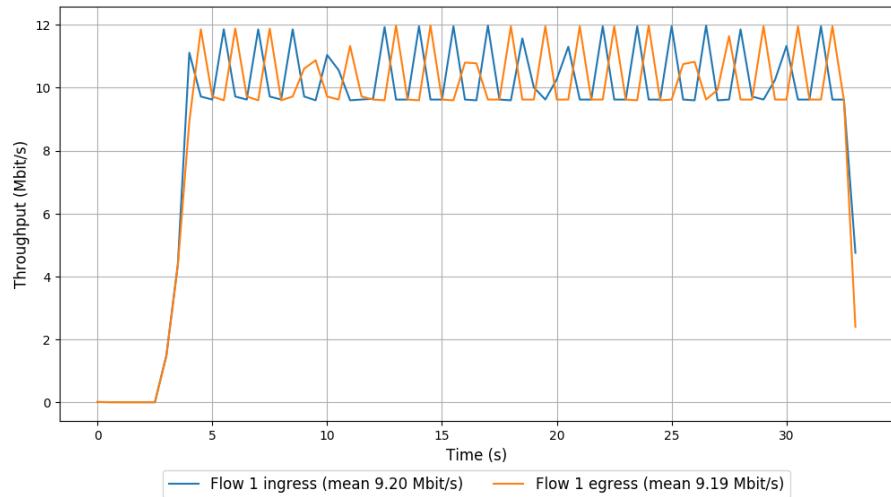
```
-- Flow 1:
```

```
Average throughput: 9.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 52.512 ms
```

```
Loss rate: 0.48%
```

## Run 1: Report of KohoCC — Data Link

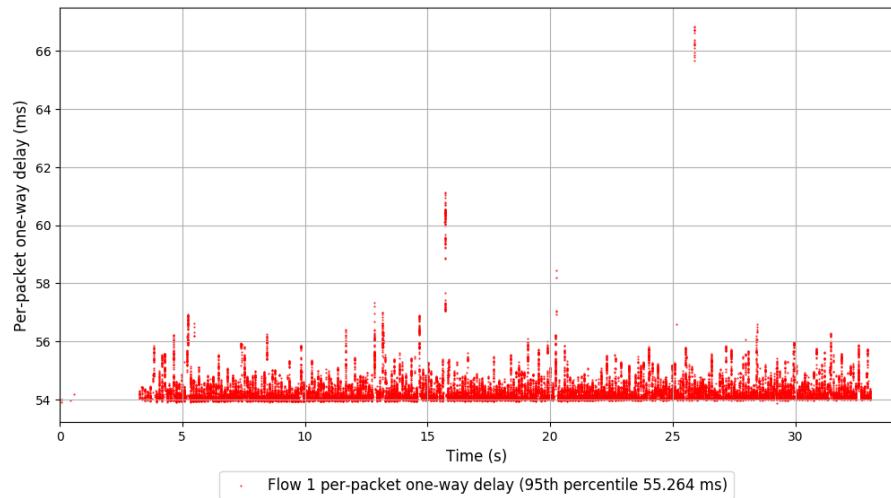
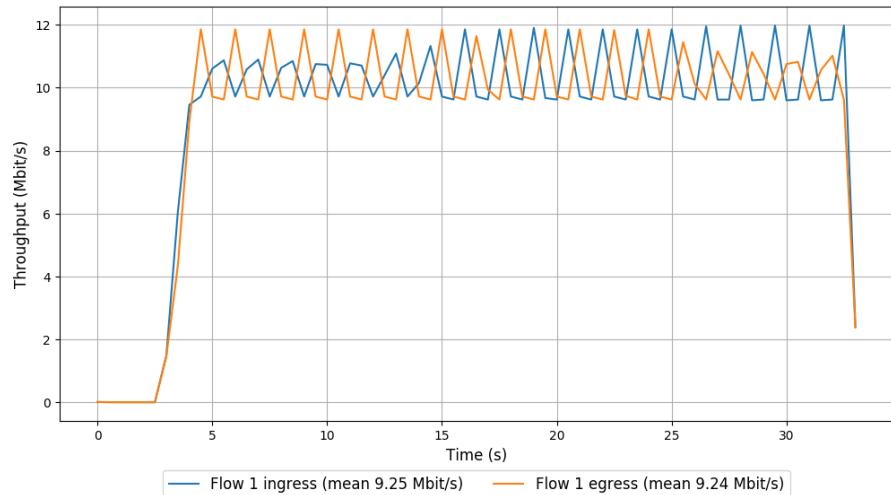


Run 2: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 21:53:30 +0000
End at: Tue, 13 Jun 2017 21:54:00 +0000
Local clock offset: -0.995 ms
Remote clock offset: -7.714 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 55.264 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 55.264 ms
Loss rate: 0.39%
```

## Run 2: Report of KohoCC — Data Link

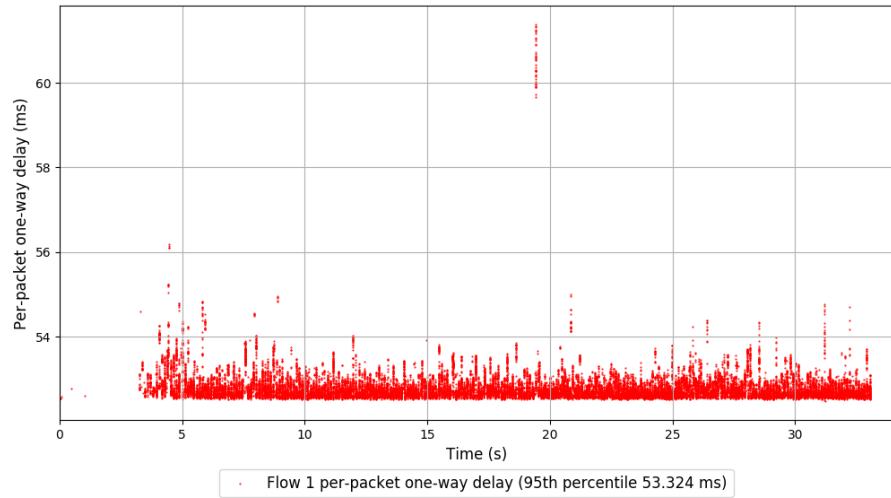
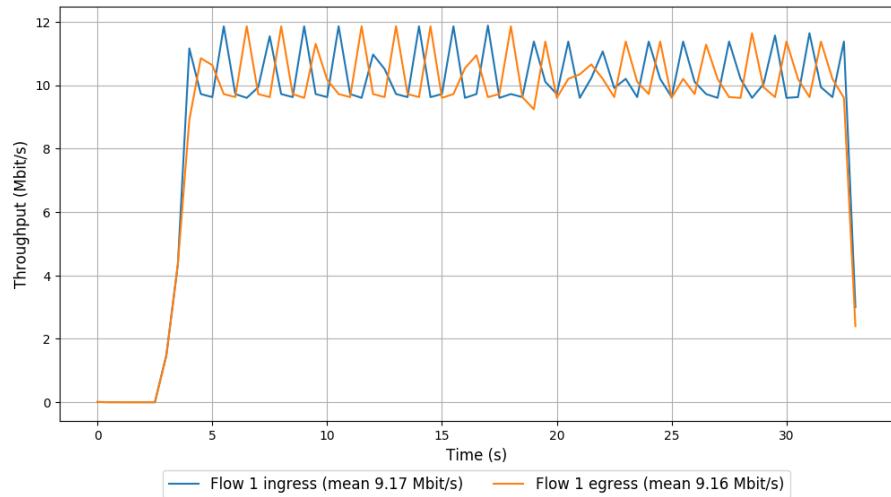


Run 3: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 22:11:01 +0000
End at: Tue, 13 Jun 2017 22:11:31 +0000
Local clock offset: 1.91 ms
Remote clock offset: -3.107 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 53.324 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 53.324 ms
Loss rate: 0.47%
```

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

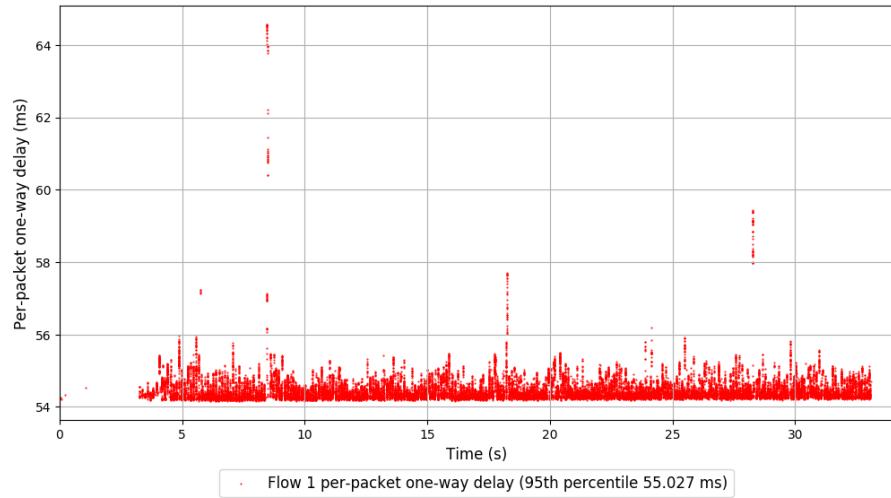
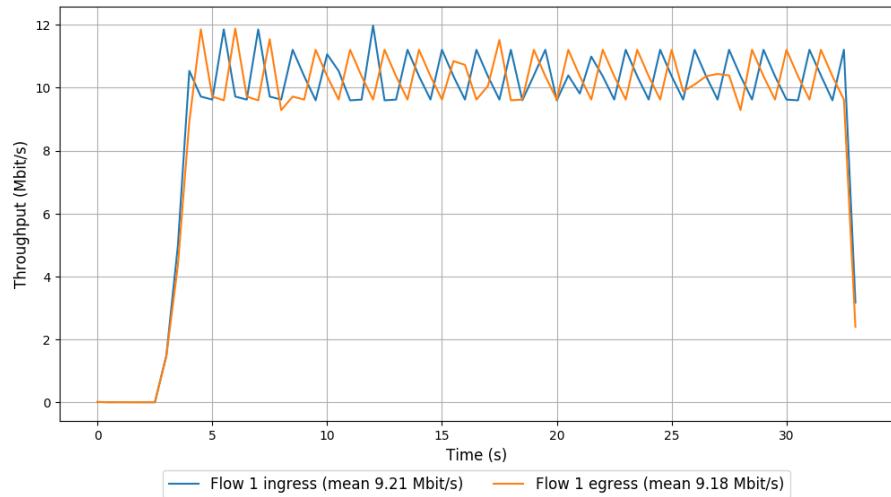


Run 4: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 22:28:28 +0000
End at: Tue, 13 Jun 2017 22:28:58 +0000
Local clock offset: 1.738 ms
Remote clock offset: -1.84 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 55.027 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 55.027 ms
Loss rate: 0.55%
```

## Run 4: Report of KohoCC — Data Link

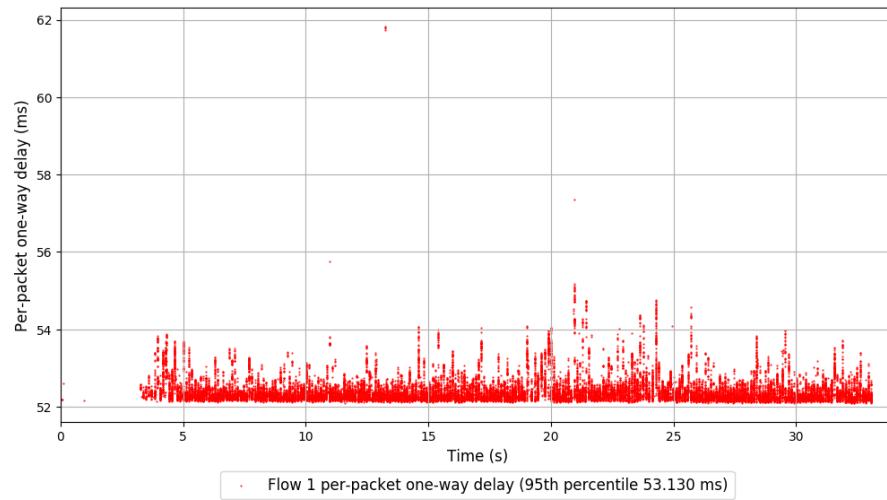
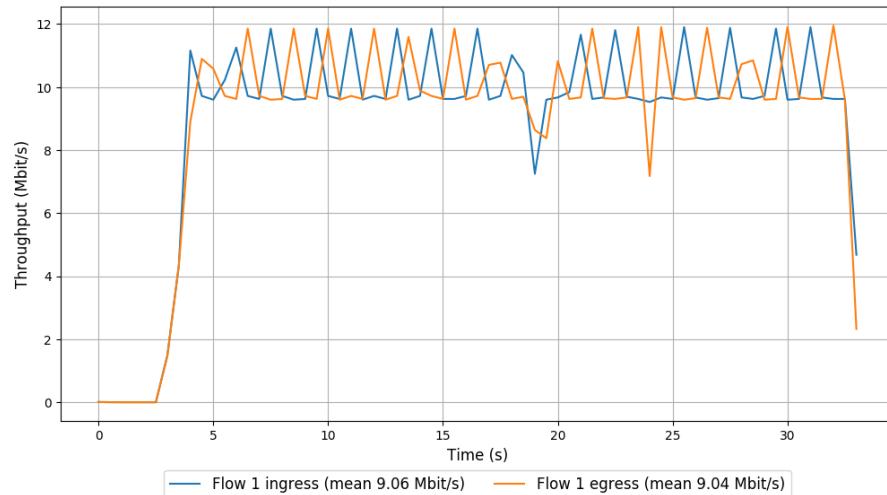


Run 5: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 22:45:43 +0000
End at: Tue, 13 Jun 2017 22:46:13 +0000
Local clock offset: 5.26 ms
Remote clock offset: -0.746 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 53.130 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 53.130 ms
Loss rate: 0.56%
```

## Run 5: Report of KohoCC — Data Link

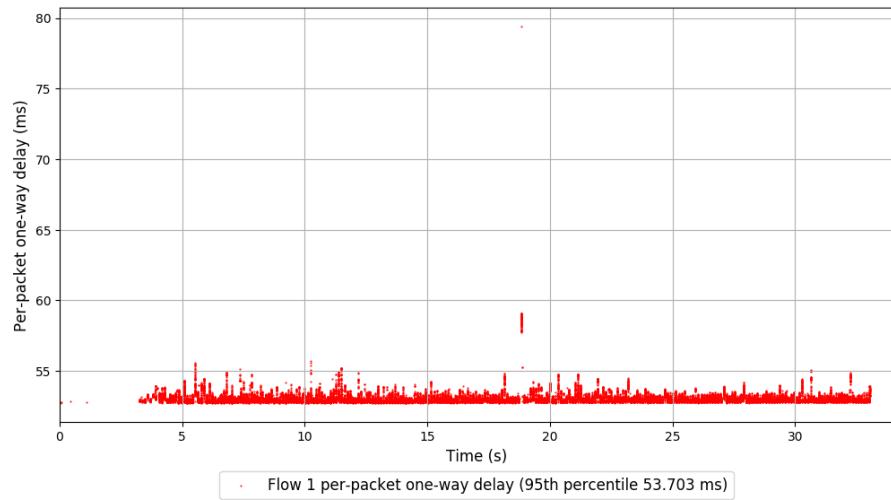
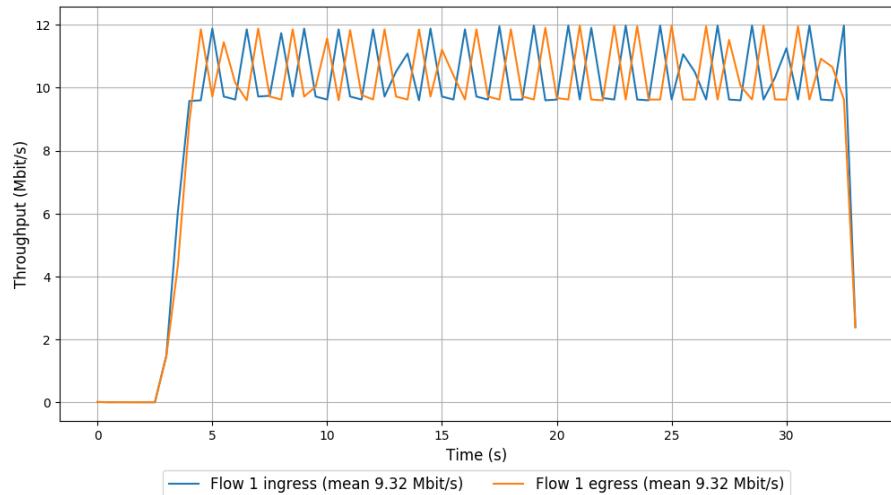


Run 6: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 23:02:57 +0000
End at: Tue, 13 Jun 2017 23:03:27 +0000
Local clock offset: 5.477 ms
Remote clock offset: 0.221 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 53.703 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 53.703 ms
Loss rate: 0.39%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 13 Jun 2017 23:20:20 +0000

End at: Tue, 13 Jun 2017 23:20:50 +0000

Local clock offset: 3.05 ms

Remote clock offset: 1.338 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.02 Mbit/s

95th percentile per-packet one-way delay: 57.622 ms

Loss rate: 0.46%

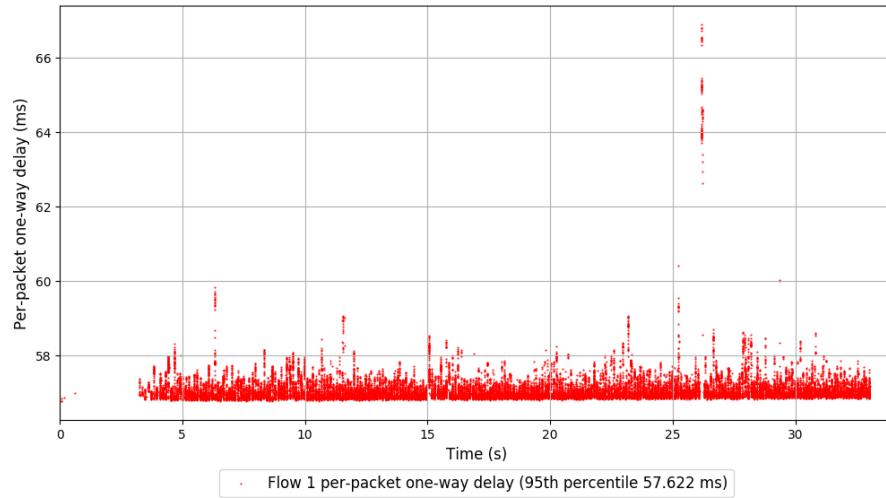
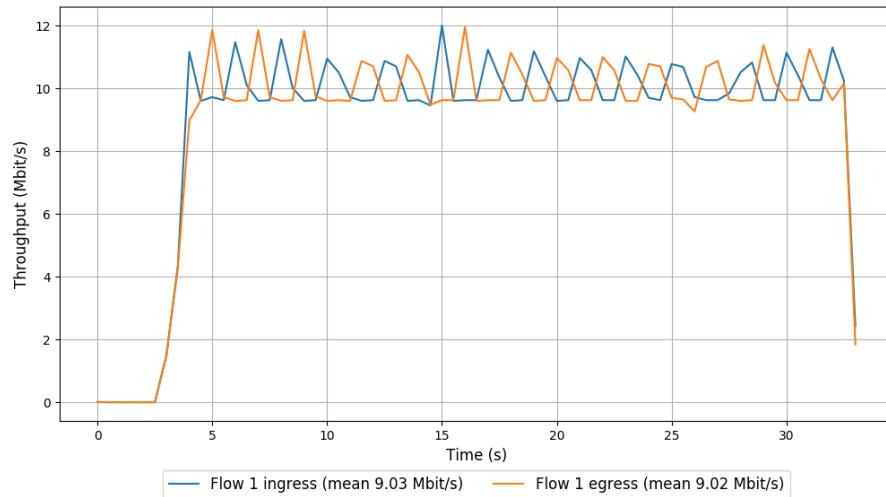
-- Flow 1:

Average throughput: 9.02 Mbit/s

95th percentile per-packet one-way delay: 57.622 ms

Loss rate: 0.46%

## Run 7: Report of KohoCC — Data Link

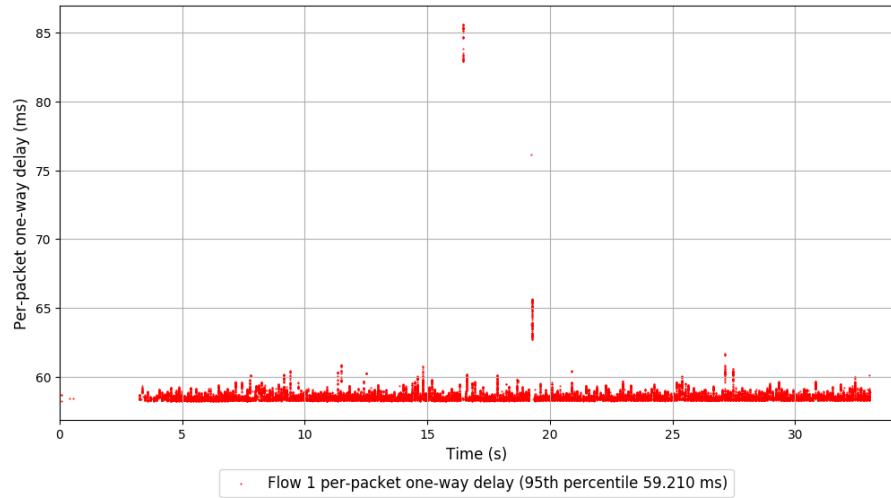
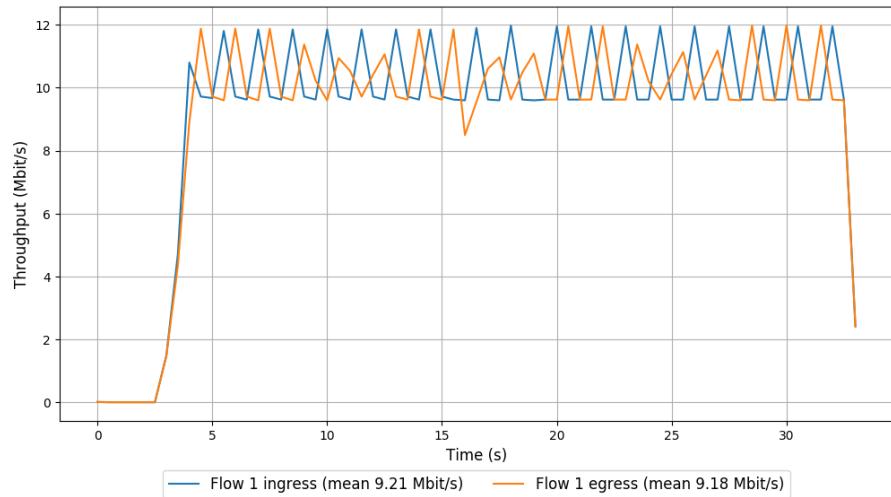


Run 8: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 23:37:57 +0000
End at: Tue, 13 Jun 2017 23:38:27 +0000
Local clock offset: 1.943 ms
Remote clock offset: 2.249 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 59.210 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 59.210 ms
Loss rate: 0.59%
```

## Run 8: Report of KohoCC — Data Link

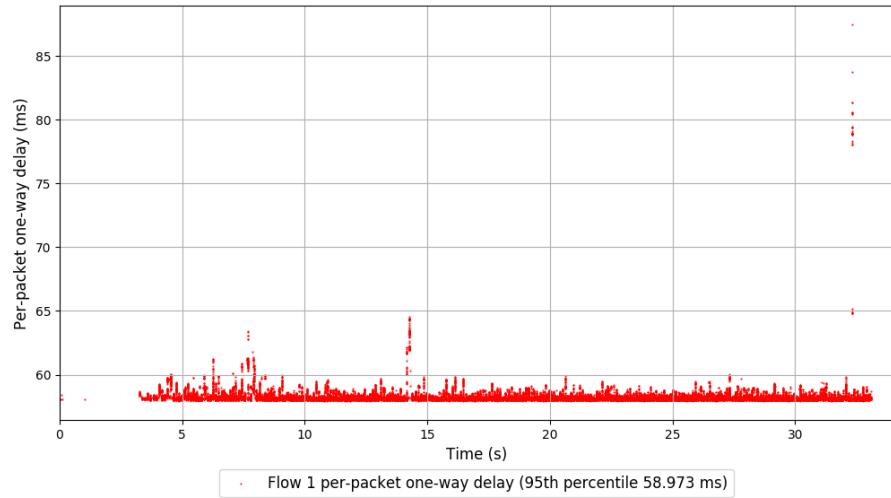
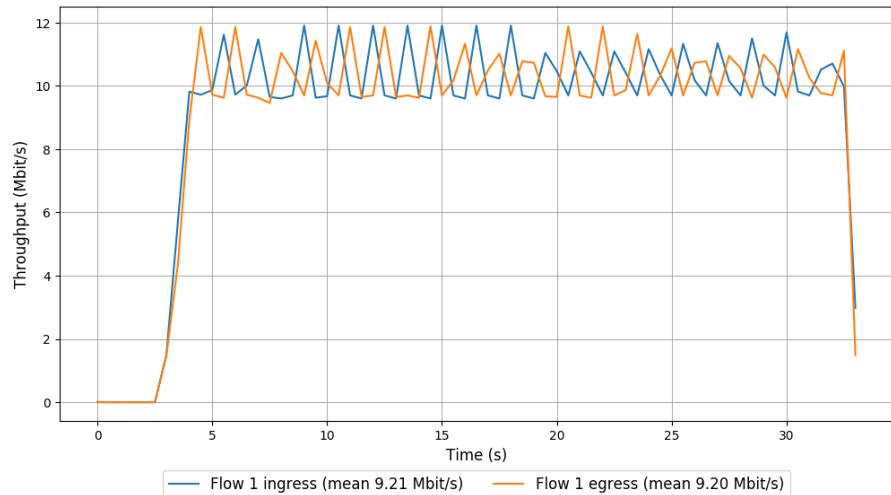


Run 9: Statistics of KohoCC

```
Start at: Tue, 13 Jun 2017 23:55:02 +0000
End at: Tue, 13 Jun 2017 23:55:32 +0000
Local clock offset: 2.652 ms
Remote clock offset: 2.654 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 58.973 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 58.973 ms
Loss rate: 0.41%
```

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

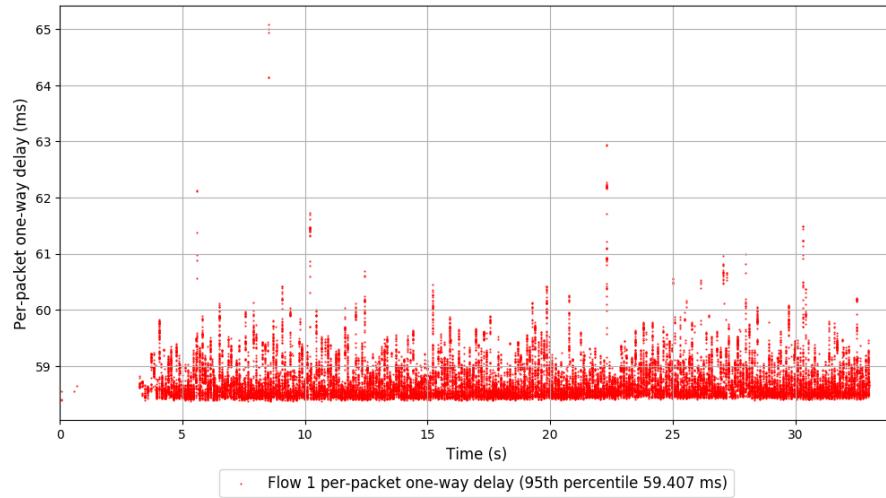
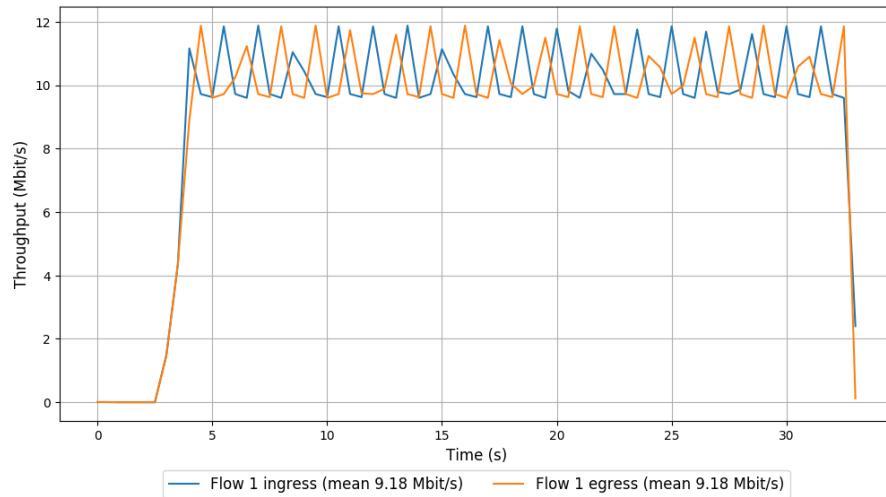


Run 10: Statistics of KohoCC

```
Start at: Wed, 14 Jun 2017 00:12:41 +0000
End at: Wed, 14 Jun 2017 00:13:11 +0000
Local clock offset: 2.369 ms
Remote clock offset: 3.573 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 59.407 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 59.407 ms
Loss rate: 0.40%
```

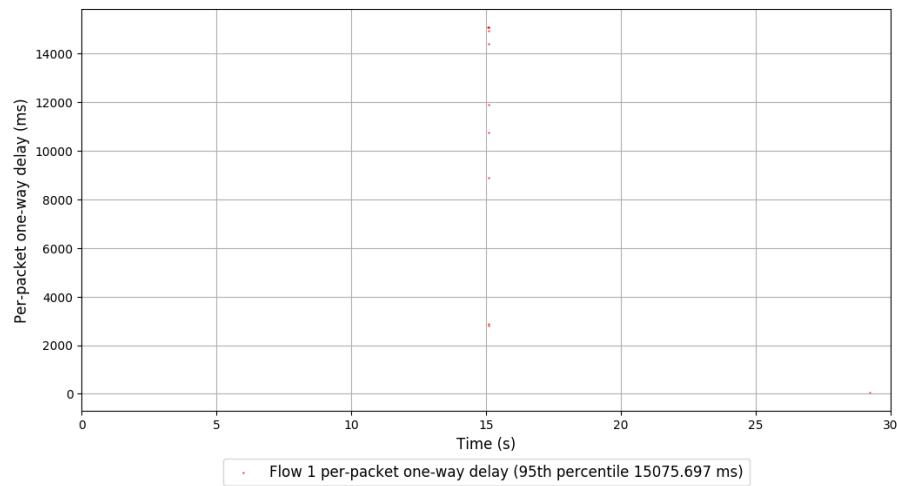
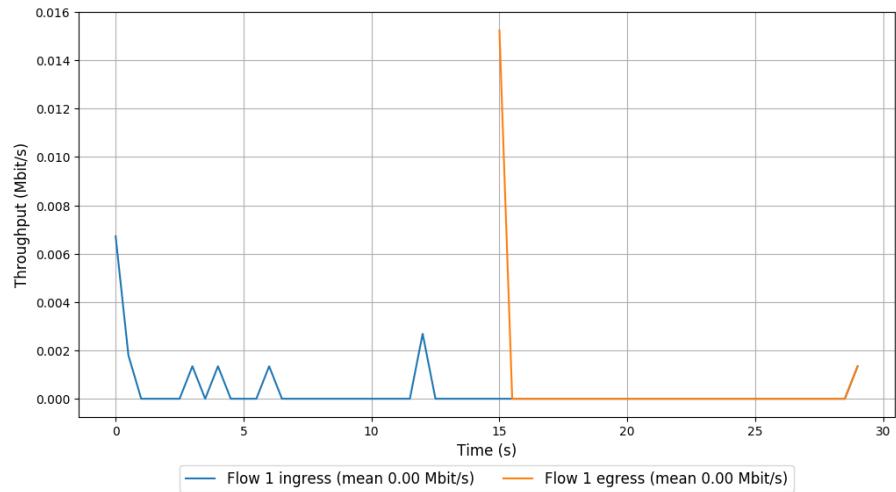
## Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Tue, 13 Jun 2017 21:22:08 +0000  
End at: Tue, 13 Jun 2017 21:22:38 +0000  
Local clock offset: 3.42 ms  
Remote clock offset: -8.603 ms

## Run 1: Report of LEDBAT — Data Link

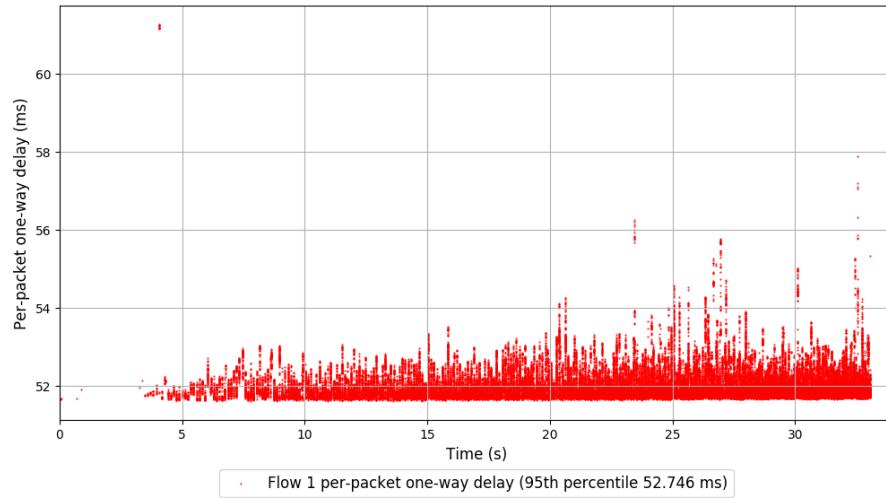
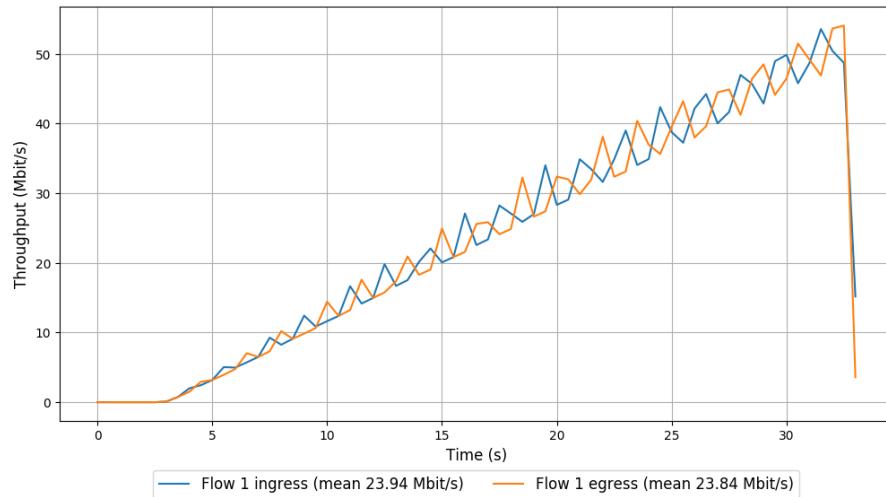


Run 2: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 21:39:29 +0000
End at: Tue, 13 Jun 2017 21:39:59 +0000
Local clock offset: -0.24 ms
Remote clock offset: -15.54 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 52.746 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 52.746 ms
Loss rate: 0.77%
```

## Run 2: Report of LEDBAT — Data Link

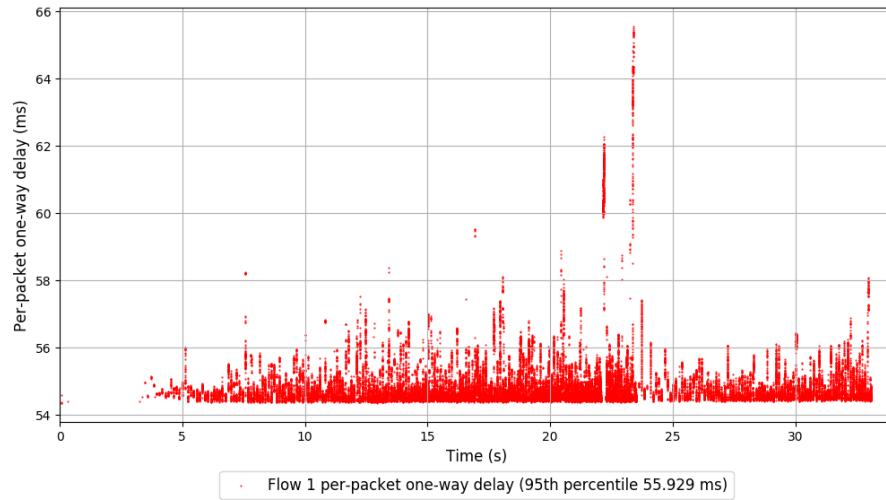
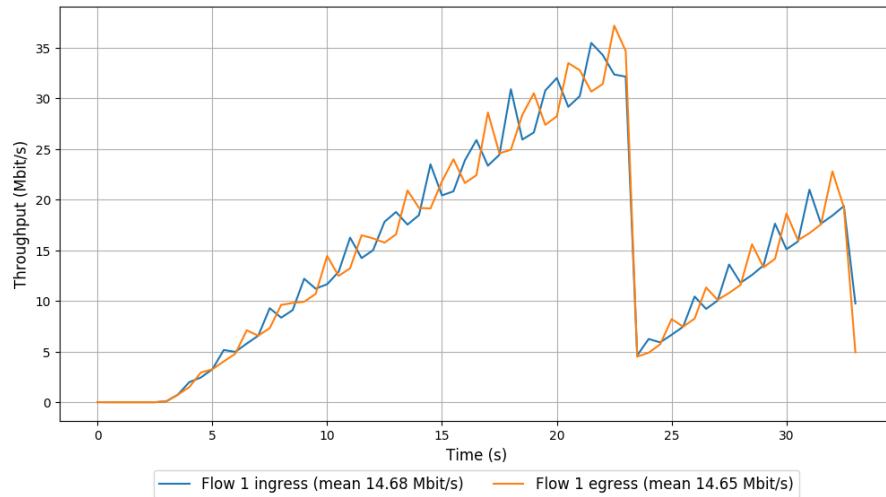


Run 3: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 21:56:54 +0000
End at: Tue, 13 Jun 2017 21:57:24 +0000
Local clock offset: -1.092 ms
Remote clock offset: -4.804 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 55.929 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 55.929 ms
Loss rate: 0.59%
```

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

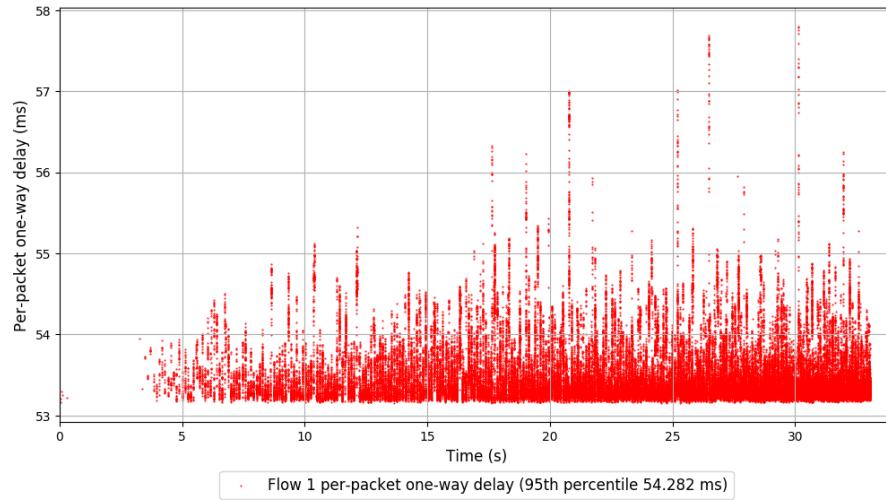
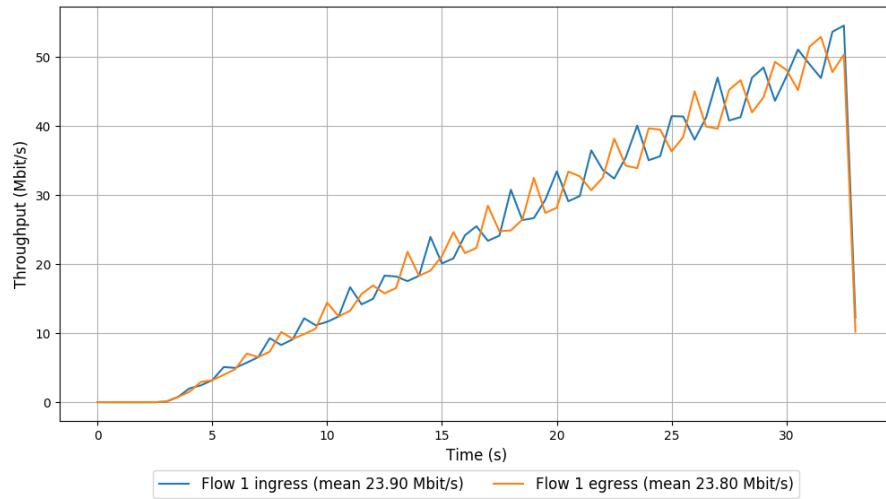


Run 4: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 22:14:25 +0000
End at: Tue, 13 Jun 2017 22:14:55 +0000
Local clock offset: 2.133 ms
Remote clock offset: -3.134 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.80 Mbit/s
95th percentile per-packet one-way delay: 54.282 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 23.80 Mbit/s
95th percentile per-packet one-way delay: 54.282 ms
Loss rate: 0.77%
```

## Run 4: Report of LEDBAT — Data Link

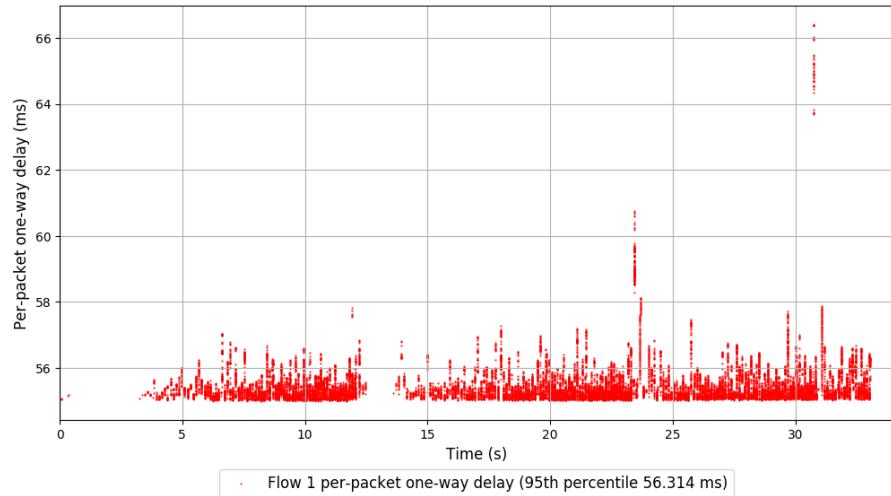
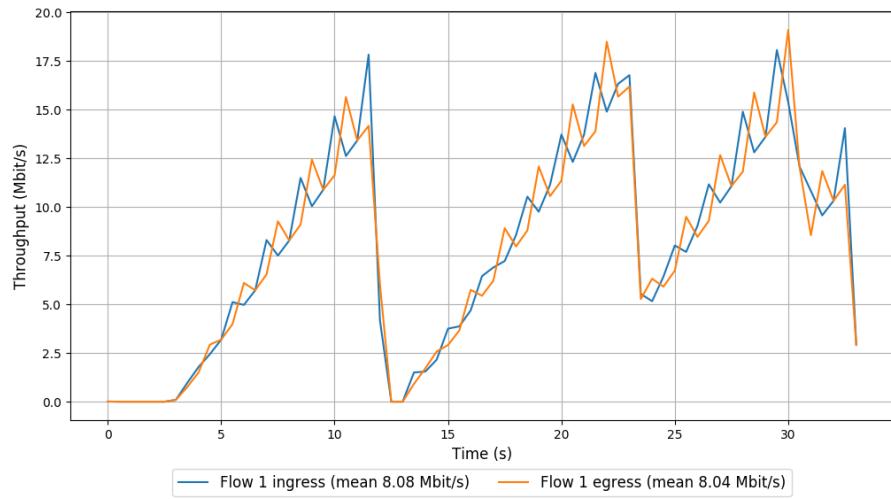


Run 5: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 22:31:52 +0000
End at: Tue, 13 Jun 2017 22:32:22 +0000
Local clock offset: 1.663 ms
Remote clock offset: -1.831 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 56.314 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 56.314 ms
Loss rate: 0.96%
```

## Run 5: Report of LEDBAT — Data Link

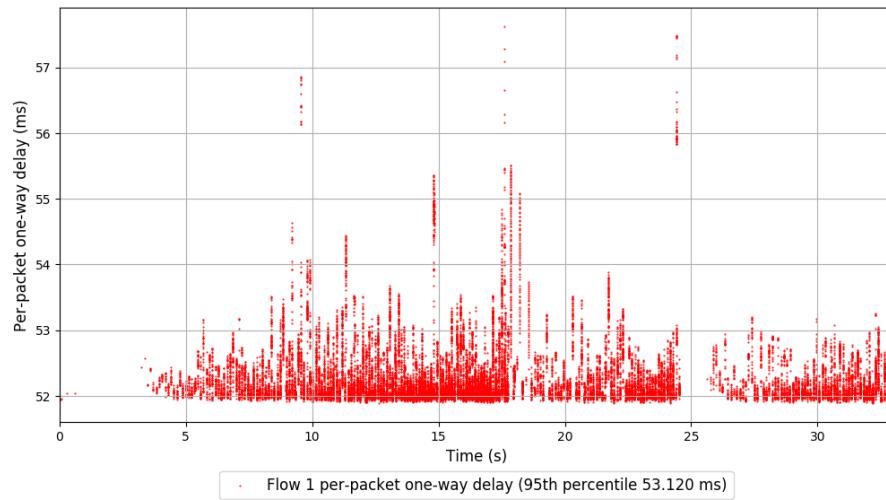
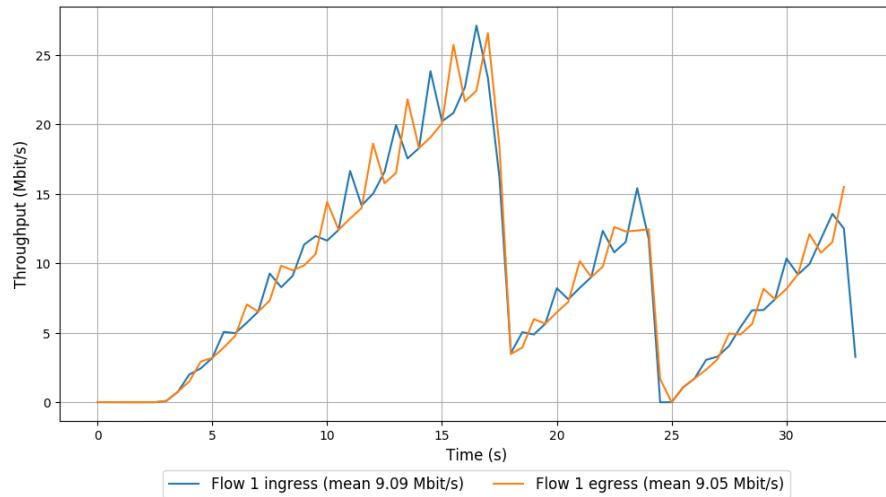


Run 6: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 22:49:07 +0000
End at: Tue, 13 Jun 2017 22:49:37 +0000
Local clock offset: 5.778 ms
Remote clock offset: -0.073 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 53.120 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 53.120 ms
Loss rate: 0.71%
```

## Run 6: Report of LEDBAT — Data Link

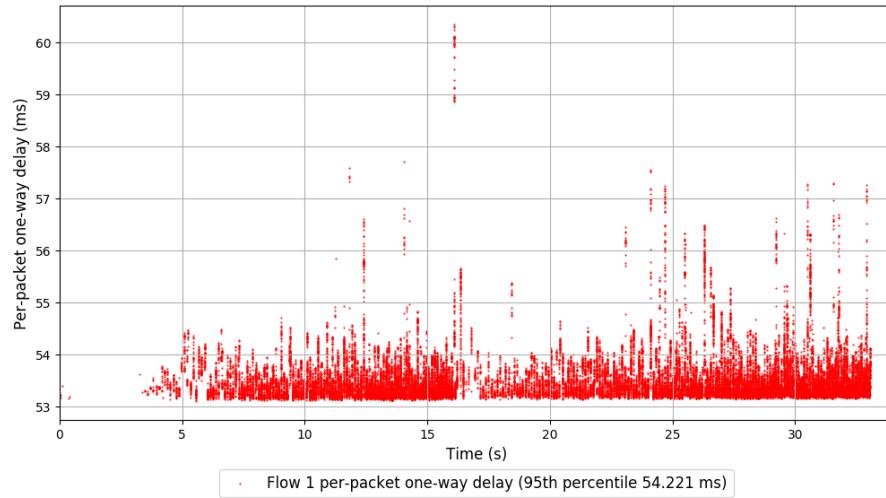
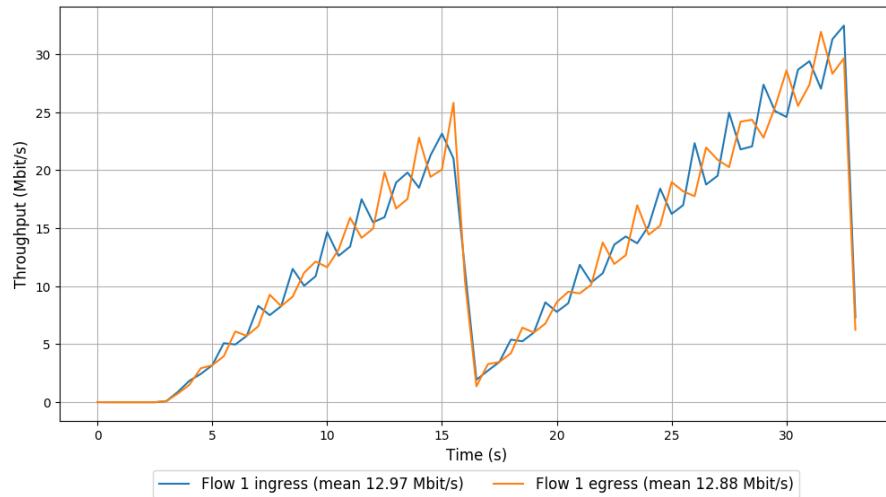


Run 7: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 23:06:22 +0000
End at: Tue, 13 Jun 2017 23:06:52 +0000
Local clock offset: 5.259 ms
Remote clock offset: 0.386 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.88 Mbit/s
95th percentile per-packet one-way delay: 54.221 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 12.88 Mbit/s
95th percentile per-packet one-way delay: 54.221 ms
Loss rate: 1.01%
```

## Run 7: Report of LEDBAT — Data Link

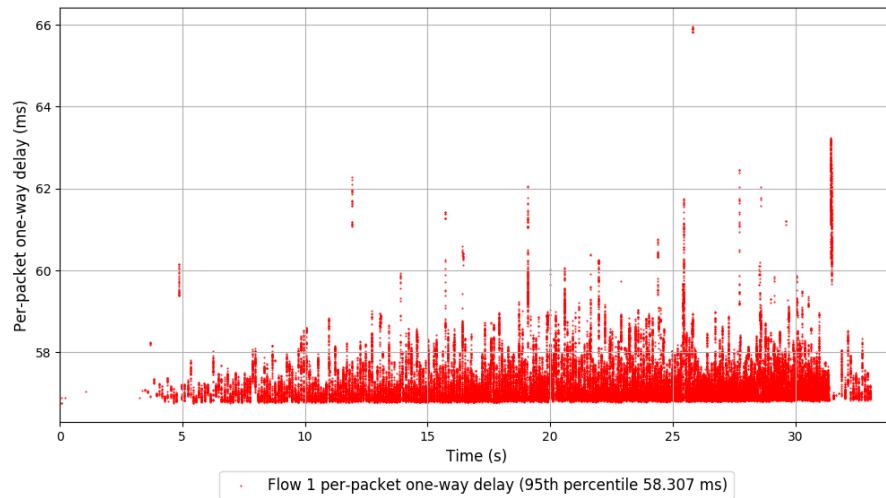
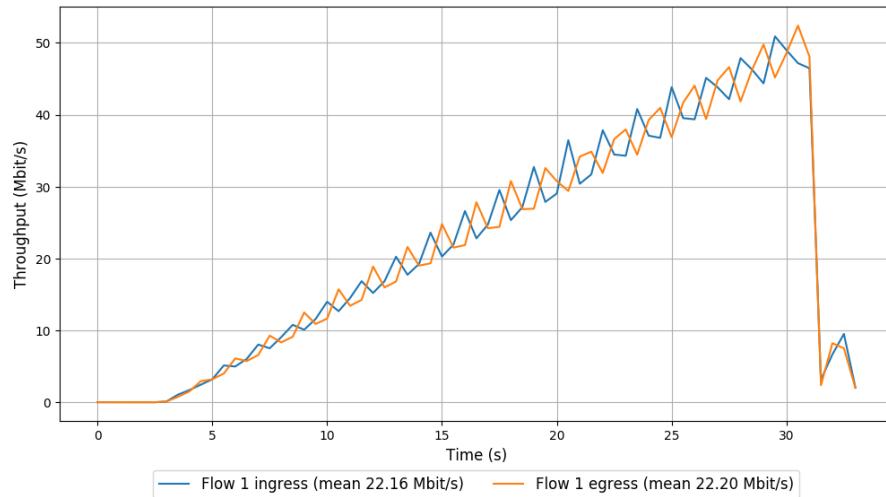


Run 8: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 23:23:44 +0000
End at: Tue, 13 Jun 2017 23:24:14 +0000
Local clock offset: 2.826 ms
Remote clock offset: 1.514 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.20 Mbit/s
95th percentile per-packet one-way delay: 58.307 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 22.20 Mbit/s
95th percentile per-packet one-way delay: 58.307 ms
Loss rate: 0.15%
```

## Run 8: Report of LEDBAT — Data Link

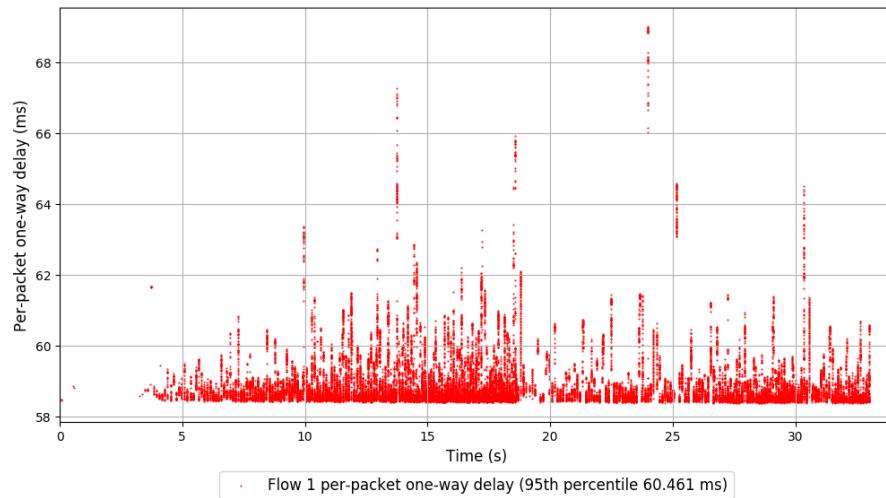
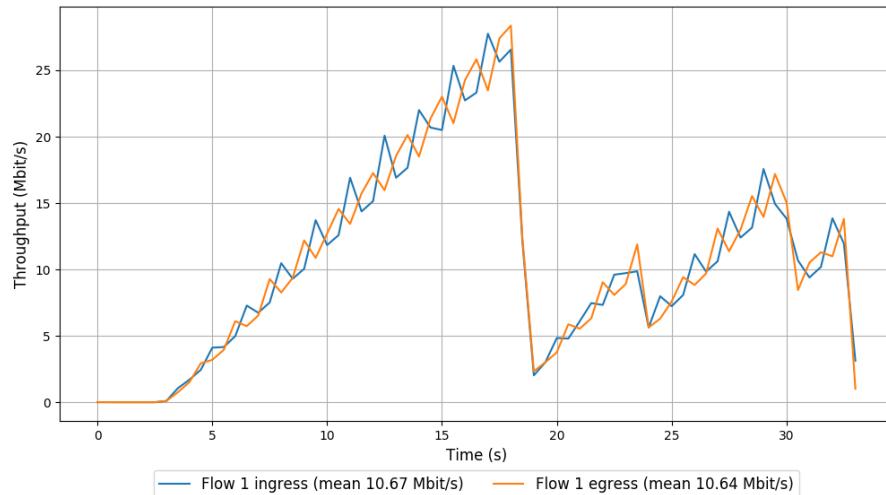


Run 9: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 23:41:21 +0000
End at: Tue, 13 Jun 2017 23:41:51 +0000
Local clock offset: 1.732 ms
Remote clock offset: 1.689 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.64 Mbit/s
95th percentile per-packet one-way delay: 60.461 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 10.64 Mbit/s
95th percentile per-packet one-way delay: 60.461 ms
Loss rate: 0.61%
```

Run 9: Report of LEDBAT — Data Link

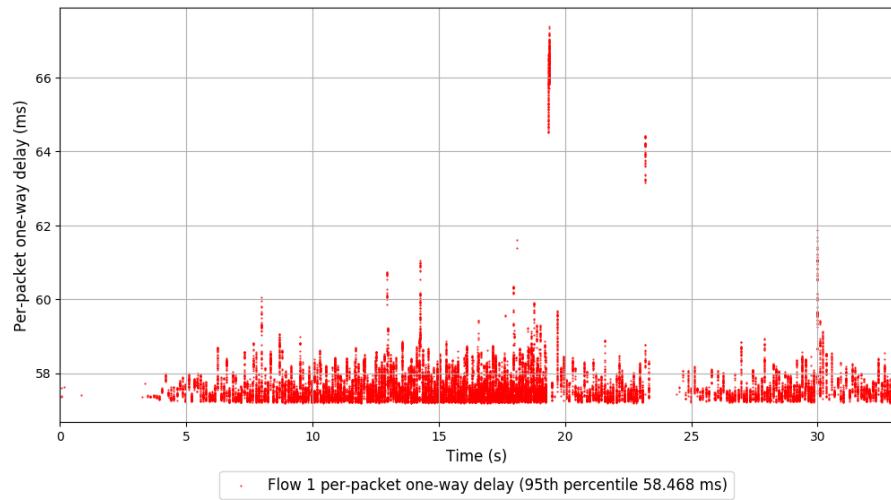
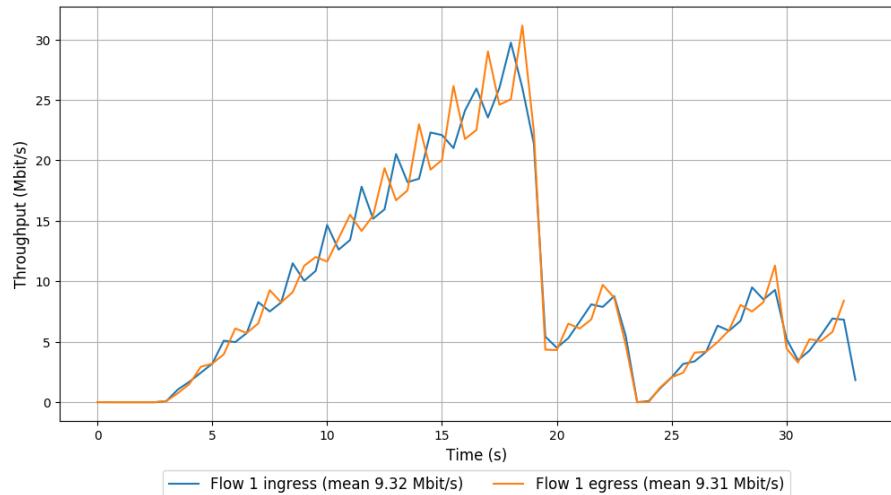


Run 10: Statistics of LEDBAT

```
Start at: Tue, 13 Jun 2017 23:58:27 +0000
End at: Tue, 13 Jun 2017 23:58:57 +0000
Local clock offset: 2.766 ms
Remote clock offset: 2.65 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 58.468 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 58.468 ms
Loss rate: 0.52%
```

## Run 10: Report of LEDBAT — Data Link

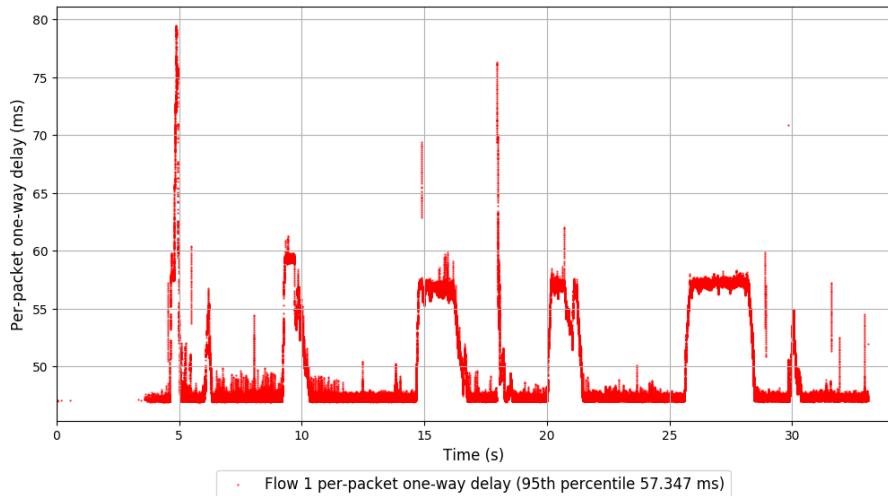
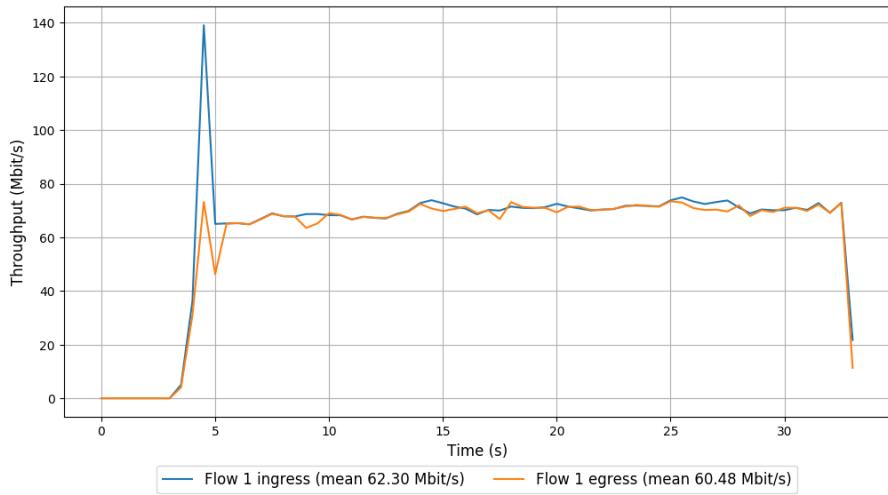


Run 1: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 21:20:58 +0000
End at: Tue, 13 Jun 2017 21:21:28 +0000
Local clock offset: 3.356 ms
Remote clock offset: -7.981 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.48 Mbit/s
95th percentile per-packet one-way delay: 57.347 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 60.48 Mbit/s
95th percentile per-packet one-way delay: 57.347 ms
Loss rate: 3.26%
```

### Run 1: Report of PCC — Data Link

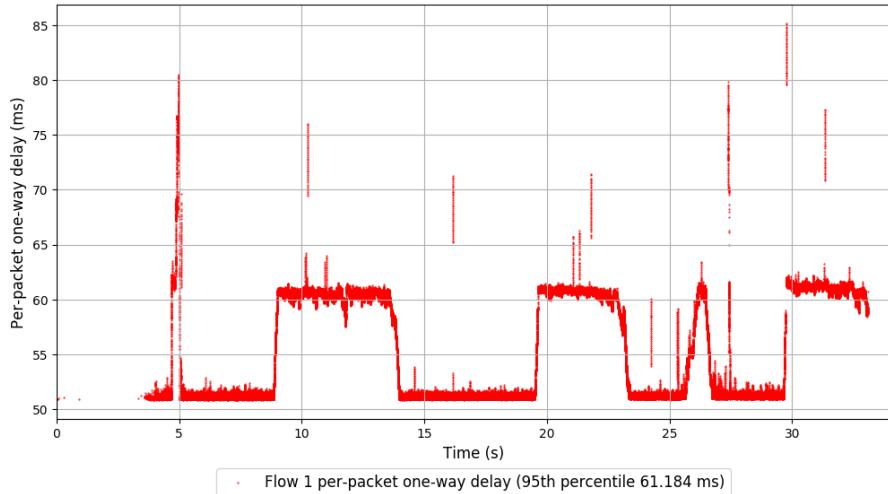
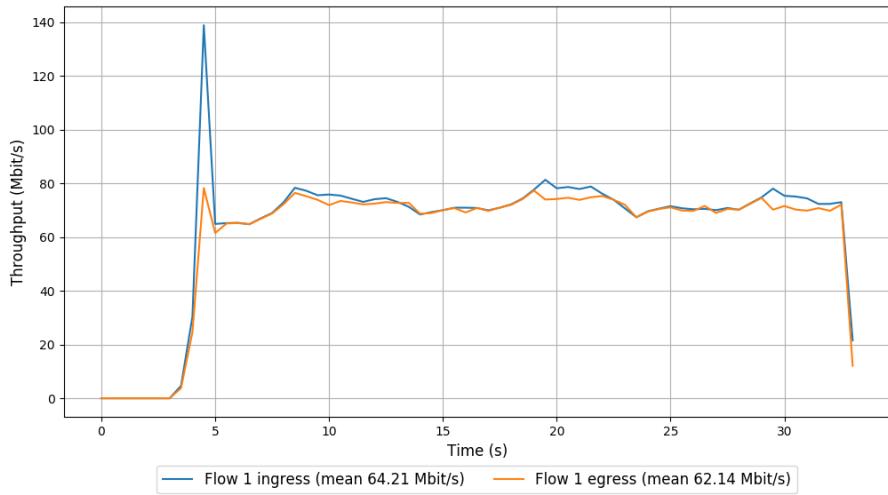


Run 2: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 21:38:18 +0000
End at: Tue, 13 Jun 2017 21:38:48 +0000
Local clock offset: -0.1 ms
Remote clock offset: -7.02 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:54:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 61.184 ms
Loss rate: 3.57%
-- Flow 1:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 61.184 ms
Loss rate: 3.57%
```

## Run 2: Report of PCC — Data Link

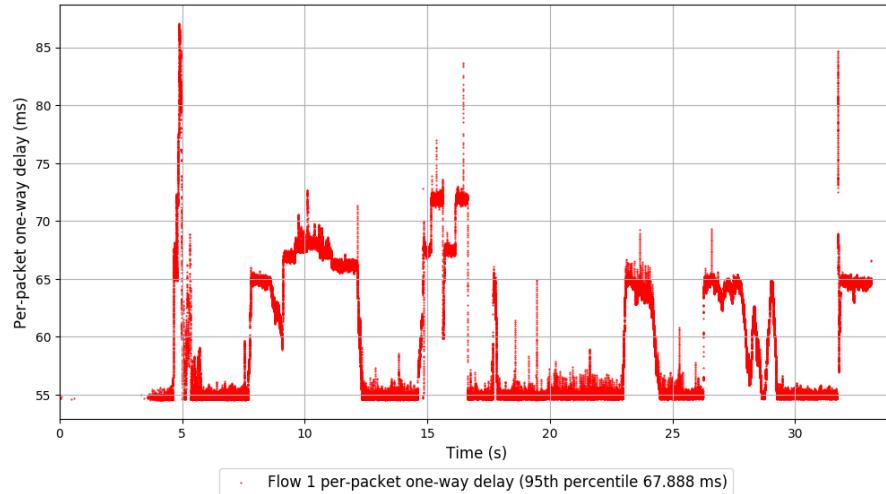
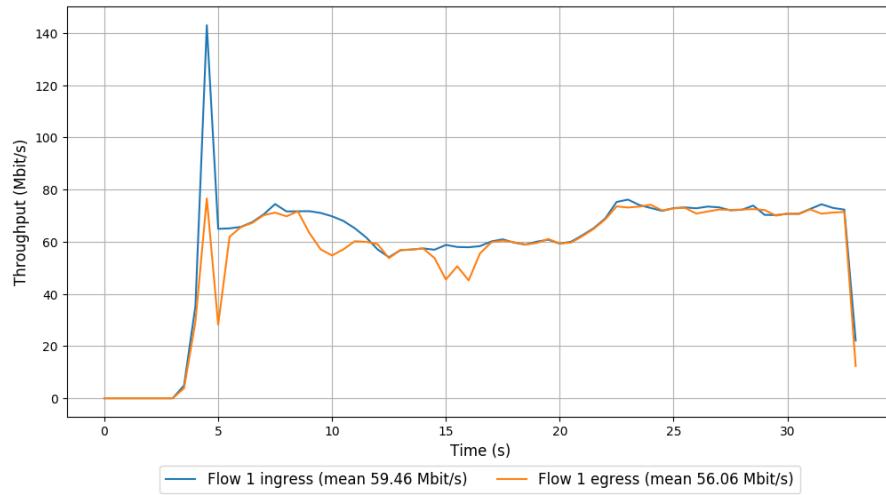


Run 3: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 21:55:44 +0000
End at: Tue, 13 Jun 2017 21:56:14 +0000
Local clock offset: -1.078 ms
Remote clock offset: -4.941 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 67.888 ms
Loss rate: 6.05%
-- Flow 1:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 67.888 ms
Loss rate: 6.05%
```

### Run 3: Report of PCC — Data Link

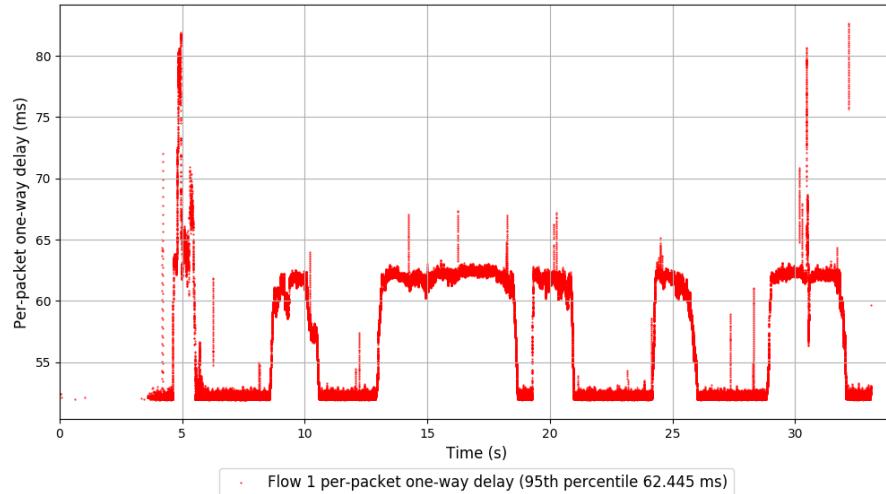
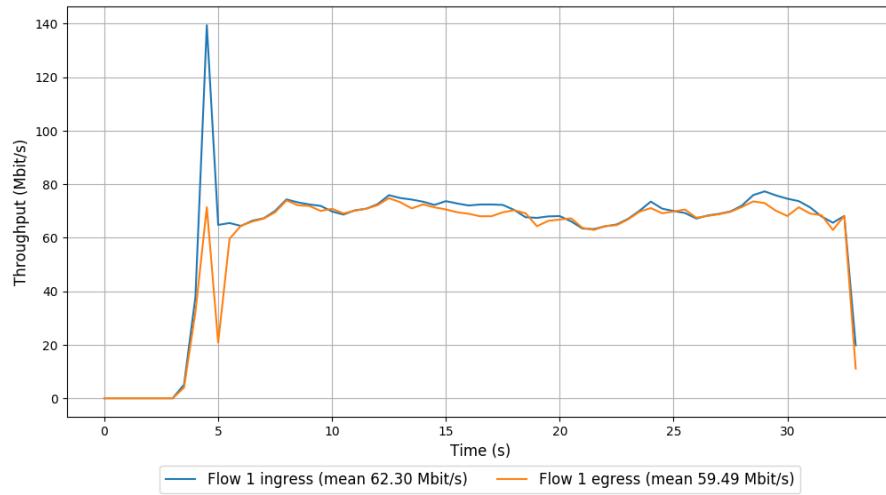


Run 4: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 22:13:15 +0000
End at: Tue, 13 Jun 2017 22:13:45 +0000
Local clock offset: 2.012 ms
Remote clock offset: -2.732 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.49 Mbit/s
95th percentile per-packet one-way delay: 62.445 ms
Loss rate: 4.84%
-- Flow 1:
Average throughput: 59.49 Mbit/s
95th percentile per-packet one-way delay: 62.445 ms
Loss rate: 4.84%
```

### Run 4: Report of PCC — Data Link

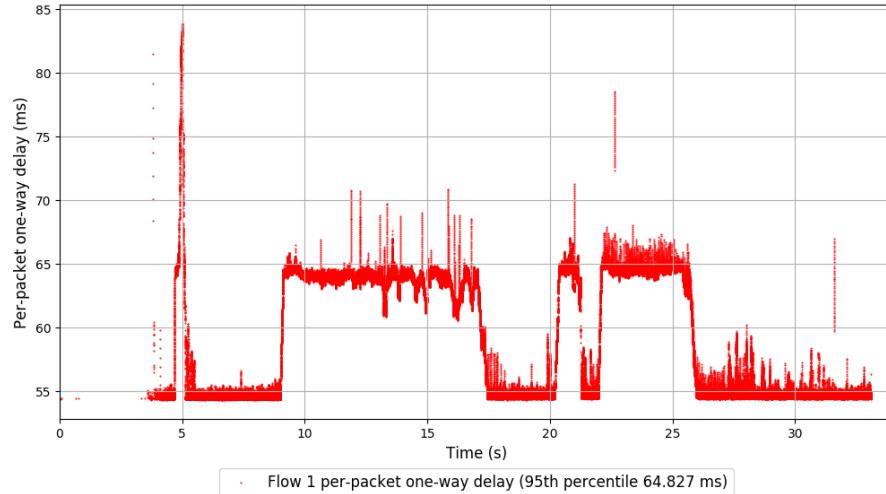
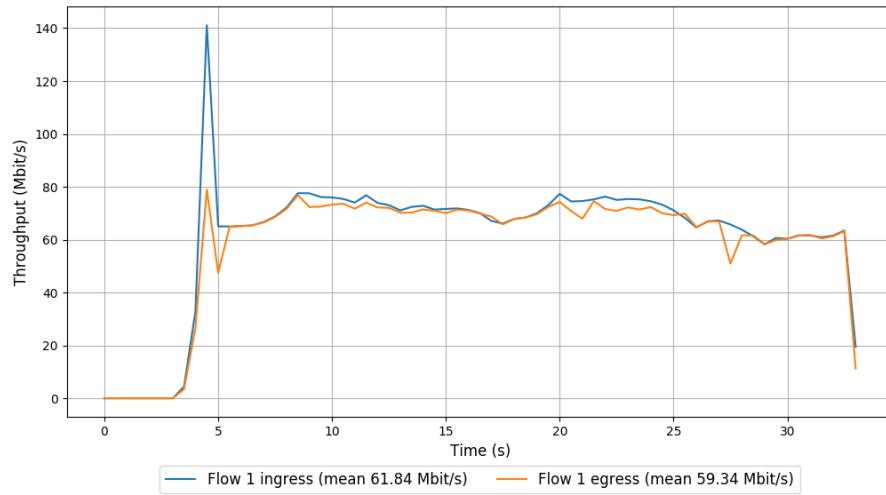


Run 5: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 22:30:42 +0000
End at: Tue, 13 Jun 2017 22:31:12 +0000
Local clock offset: 1.714 ms
Remote clock offset: -1.606 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.34 Mbit/s
95th percentile per-packet one-way delay: 64.827 ms
Loss rate: 4.37%
-- Flow 1:
Average throughput: 59.34 Mbit/s
95th percentile per-packet one-way delay: 64.827 ms
Loss rate: 4.37%
```

### Run 5: Report of PCC — Data Link

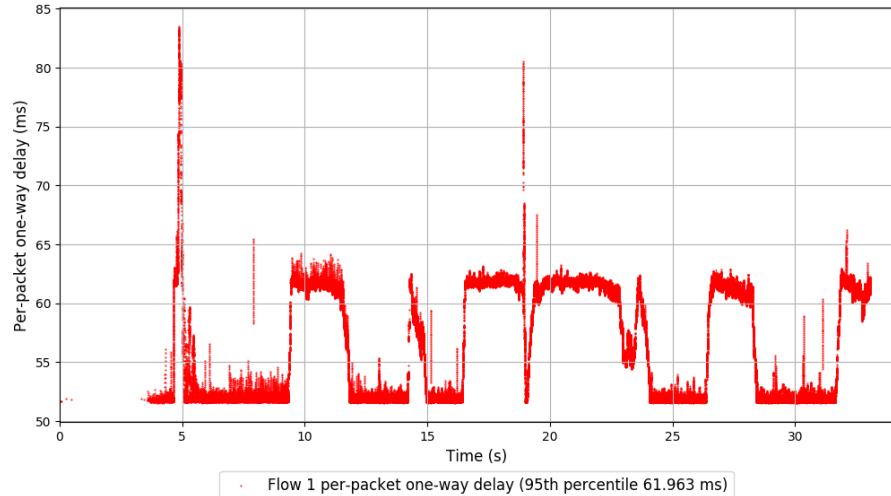
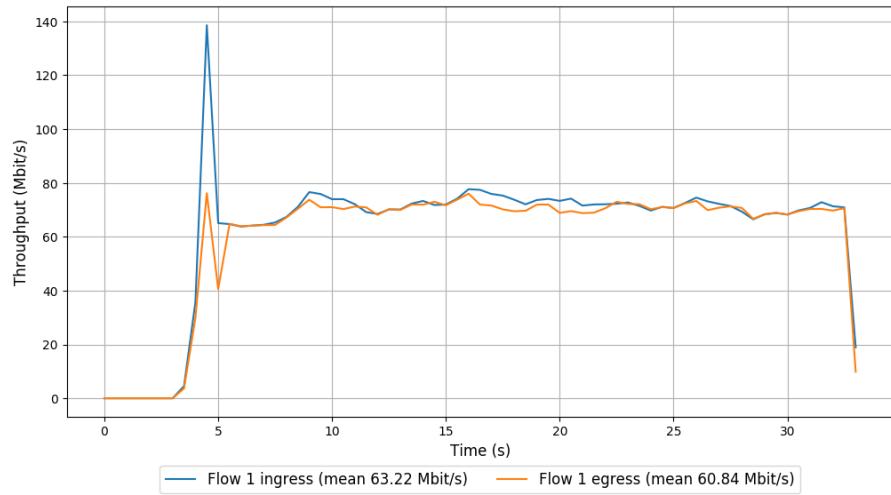


Run 6: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 22:47:57 +0000
End at: Tue, 13 Jun 2017 22:48:27 +0000
Local clock offset: 5.623 ms
Remote clock offset: -0.694 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.84 Mbit/s
95th percentile per-packet one-way delay: 61.963 ms
Loss rate: 4.10%
-- Flow 1:
Average throughput: 60.84 Mbit/s
95th percentile per-packet one-way delay: 61.963 ms
Loss rate: 4.10%
```

## Run 6: Report of PCC — Data Link

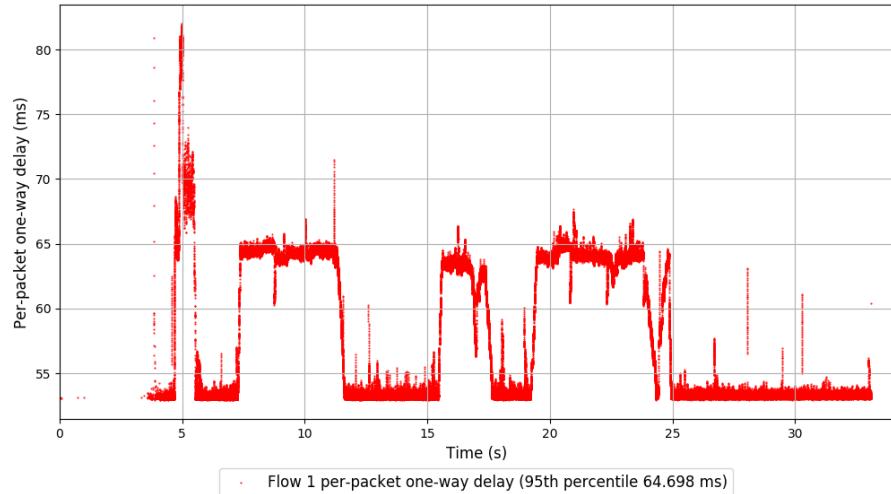
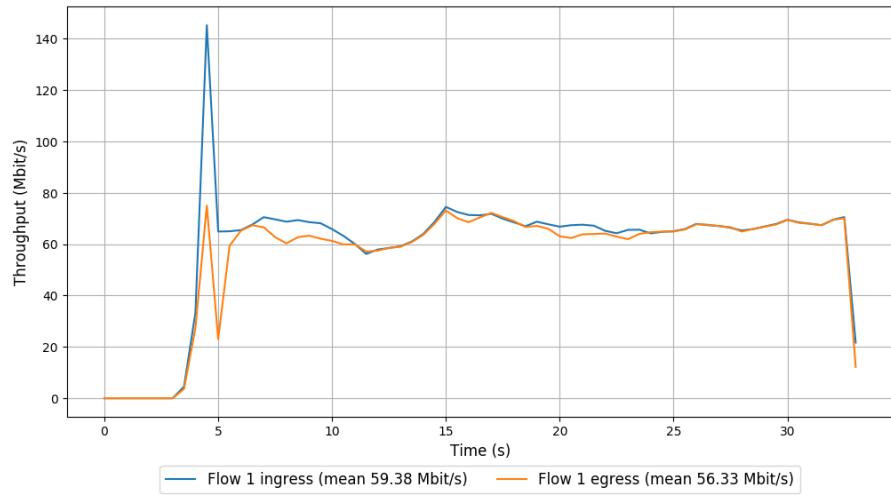


Run 7: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 23:05:12 +0000
End at: Tue, 13 Jun 2017 23:05:42 +0000
Local clock offset: 5.355 ms
Remote clock offset: 1.013 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.33 Mbit/s
95th percentile per-packet one-way delay: 64.698 ms
Loss rate: 5.45%
-- Flow 1:
Average throughput: 56.33 Mbit/s
95th percentile per-packet one-way delay: 64.698 ms
Loss rate: 5.45%
```

### Run 7: Report of PCC — Data Link

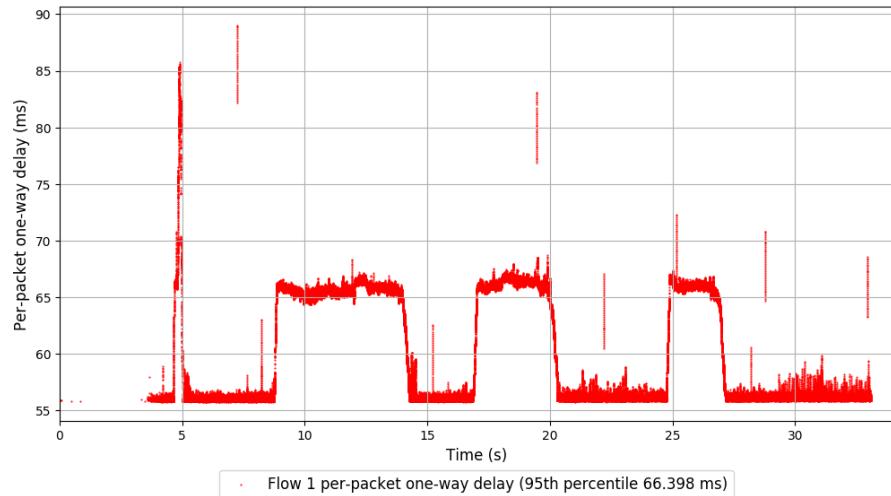
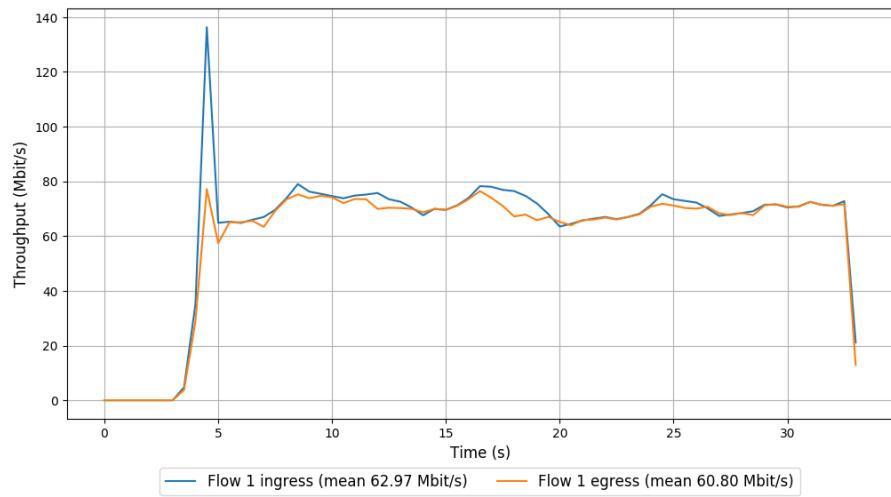


Run 8: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 23:22:34 +0000
End at: Tue, 13 Jun 2017 23:23:04 +0000
Local clock offset: 2.904 ms
Remote clock offset: 1.598 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.80 Mbit/s
95th percentile per-packet one-way delay: 66.398 ms
Loss rate: 3.77%
-- Flow 1:
Average throughput: 60.80 Mbit/s
95th percentile per-packet one-way delay: 66.398 ms
Loss rate: 3.77%
```

## Run 8: Report of PCC — Data Link

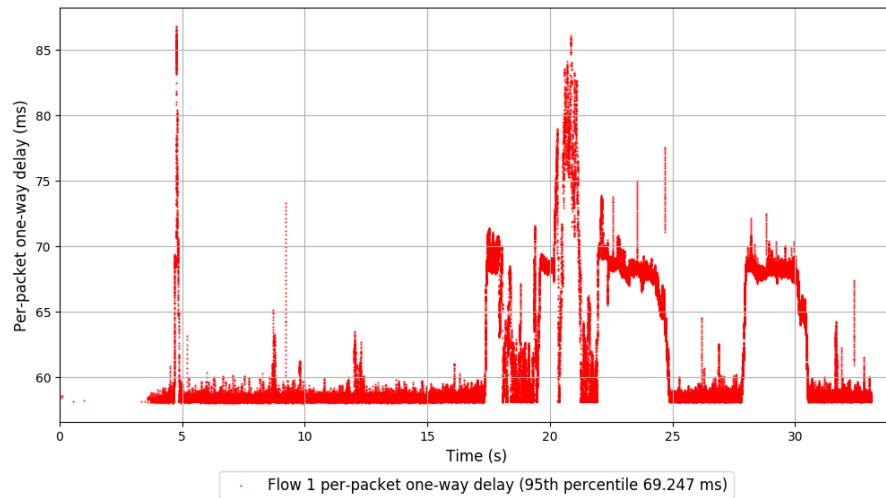
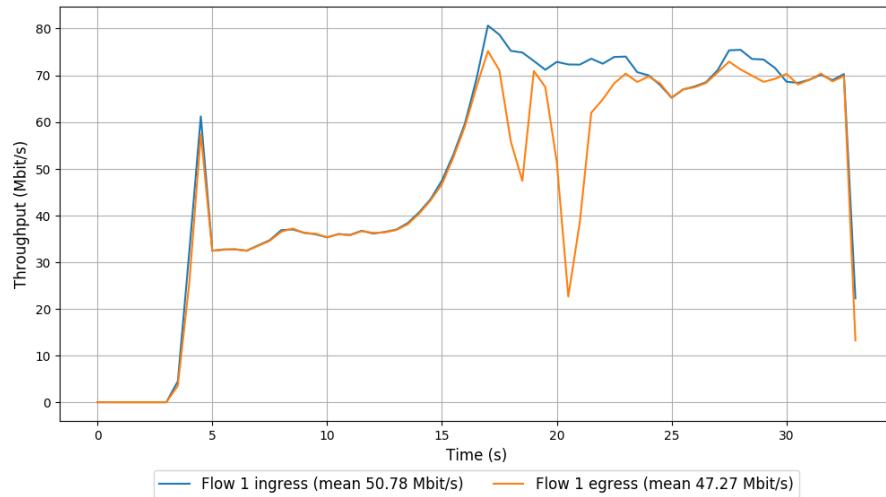


Run 9: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 23:40:11 +0000
End at: Tue, 13 Jun 2017 23:40:41 +0000
Local clock offset: 1.829 ms
Remote clock offset: 2.166 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 69.247 ms
Loss rate: 7.25%
-- Flow 1:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 69.247 ms
Loss rate: 7.25%
```

### Run 9: Report of PCC — Data Link

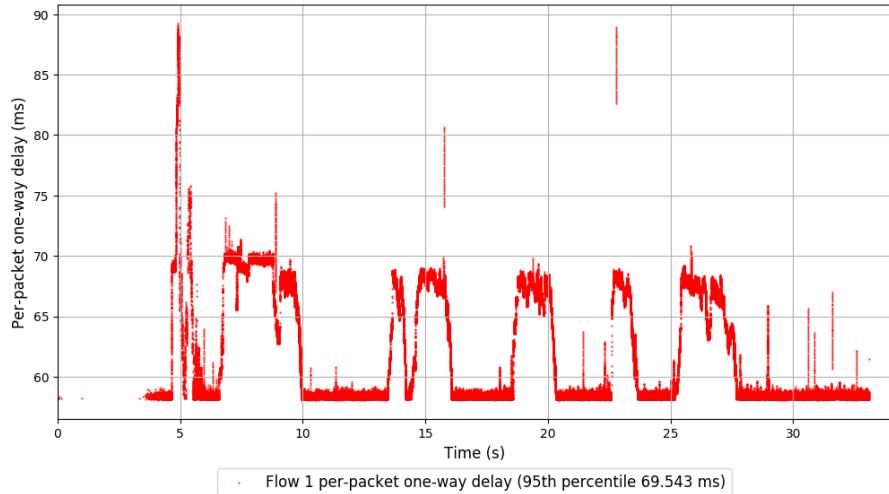
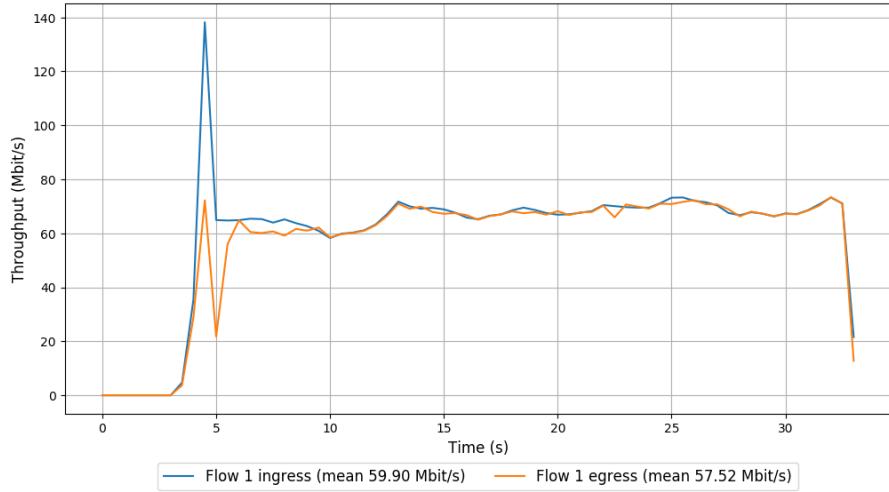


Run 10: Statistics of PCC

```
Start at: Tue, 13 Jun 2017 23:57:17 +0000
End at: Tue, 13 Jun 2017 23:57:47 +0000
Local clock offset: 2.775 ms
Remote clock offset: 2.403 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 69.543 ms
Loss rate: 4.31%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 69.543 ms
Loss rate: 4.31%
```

## Run 10: Report of PCC — Data Link



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

```
Start at: Tue, 13 Jun 2017 21:31:37 +0000
```

```
End at: Tue, 13 Jun 2017 21:32:07 +0000
```

```
Local clock offset: 1.079 ms
```

```
Remote clock offset: -6.73 ms
```

```
# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:37 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 17.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 52.802 ms
```

```
Loss rate: 2.04%
```

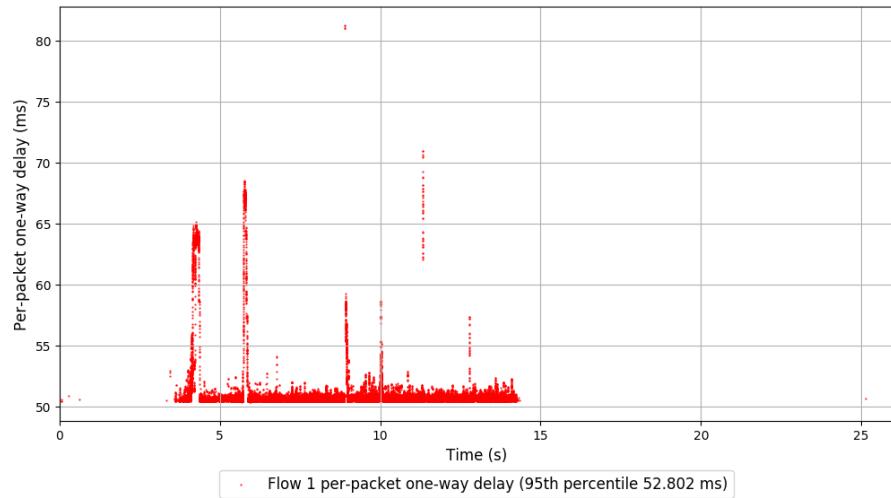
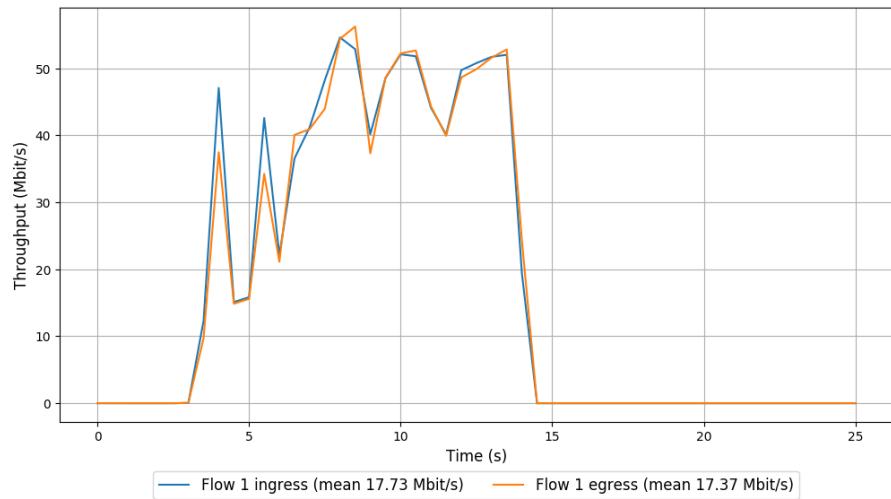
```
-- Flow 1:
```

```
Average throughput: 17.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 52.802 ms
```

```
Loss rate: 2.04%
```

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

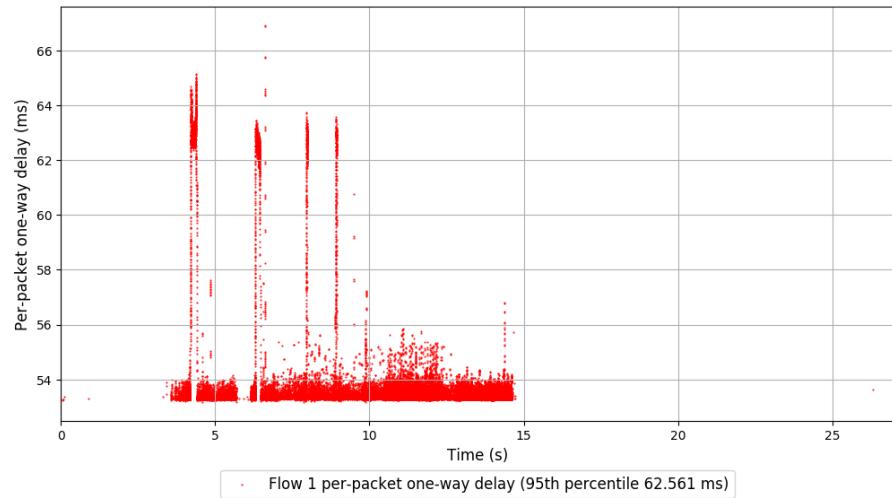
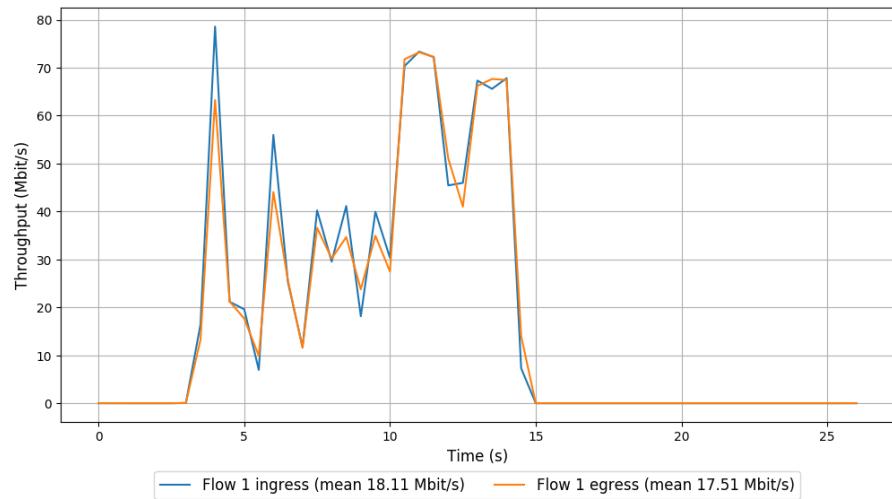


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 21:48:57 +0000
End at: Tue, 13 Jun 2017 21:49:27 +0000
Local clock offset: -0.878 ms
Remote clock offset: -5.577 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.51 Mbit/s
95th percentile per-packet one-way delay: 62.561 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 17.51 Mbit/s
95th percentile per-packet one-way delay: 62.561 ms
Loss rate: 3.32%
```

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

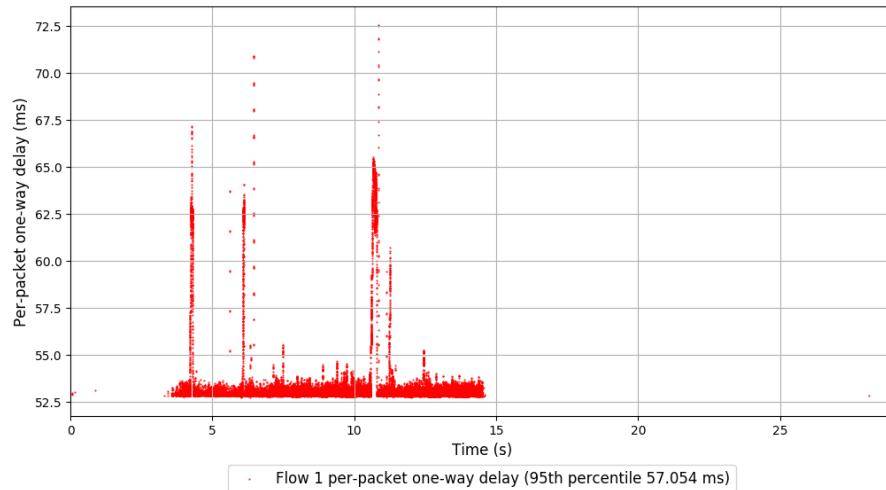
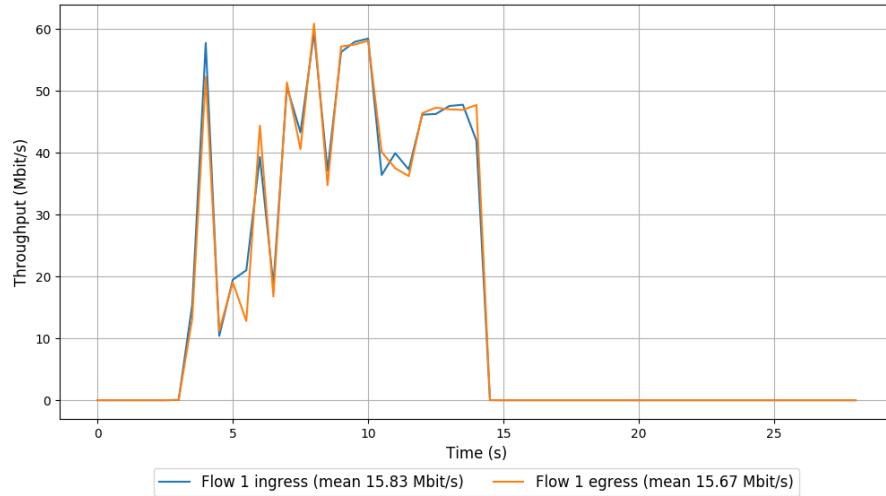


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 22:06:27 +0000
End at: Tue, 13 Jun 2017 22:06:57 +0000
Local clock offset: 1.265 ms
Remote clock offset: -3.604 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 57.054 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 57.054 ms
Loss rate: 1.04%
```

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

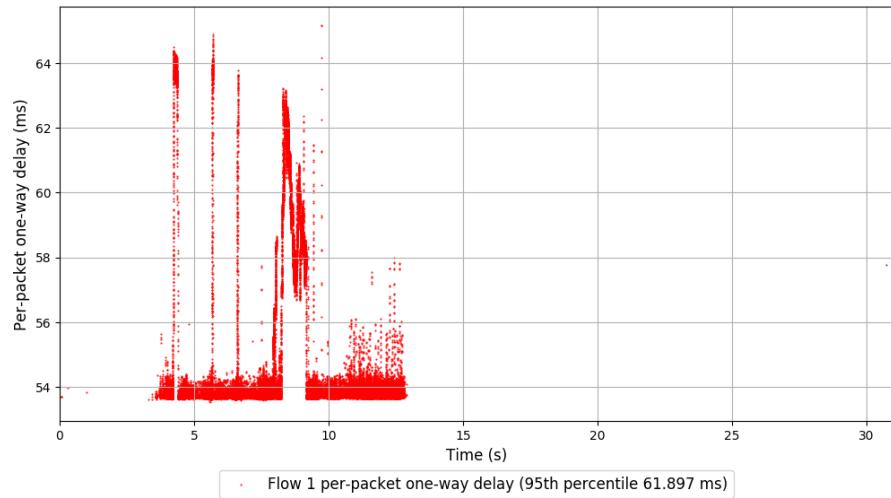
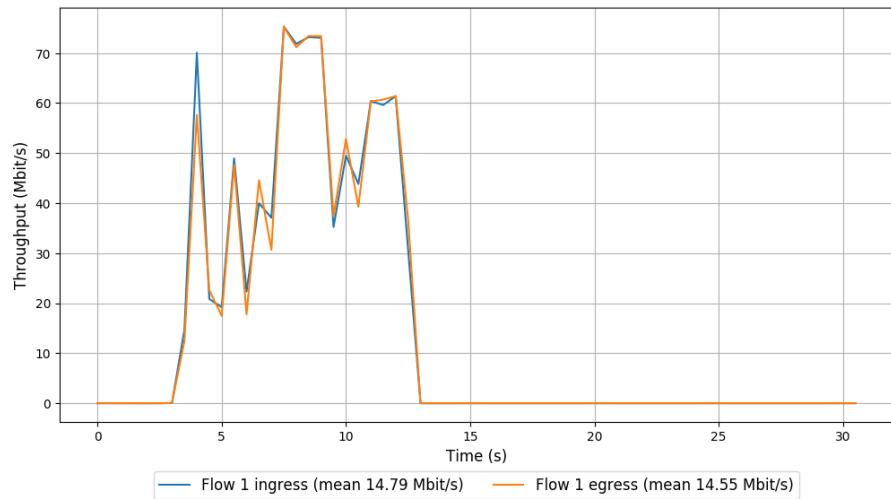


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 22:23:53 +0000
End at: Tue, 13 Jun 2017 22:24:23 +0000
Local clock offset: 1.93 ms
Remote clock offset: -2.302 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 61.897 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 61.897 ms
Loss rate: 1.58%
```

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

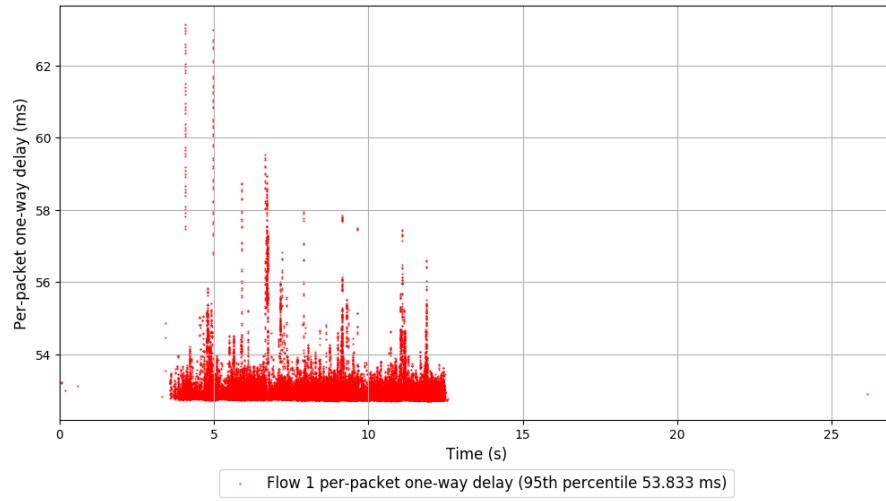
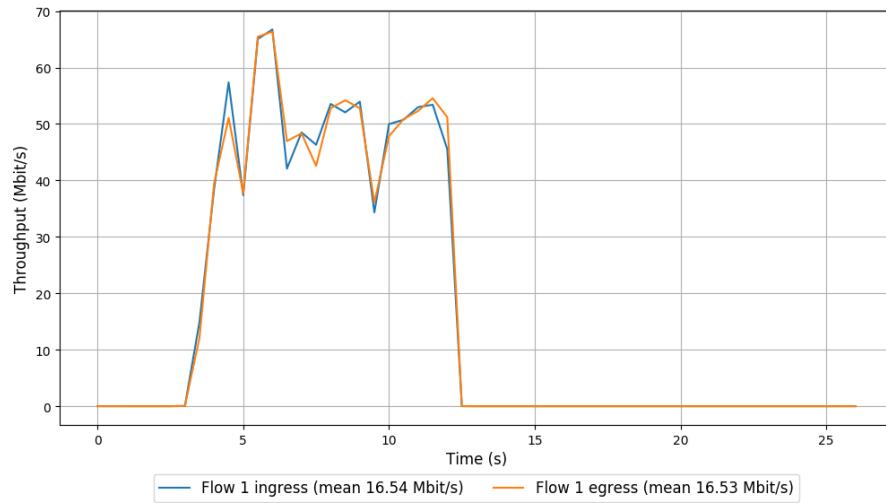


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 22:41:09 +0000
End at: Tue, 13 Jun 2017 22:41:39 +0000
Local clock offset: 4.445 ms
Remote clock offset: -0.849 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.53 Mbit/s
95th percentile per-packet one-way delay: 53.833 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 16.53 Mbit/s
95th percentile per-packet one-way delay: 53.833 ms
Loss rate: 0.08%
```

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

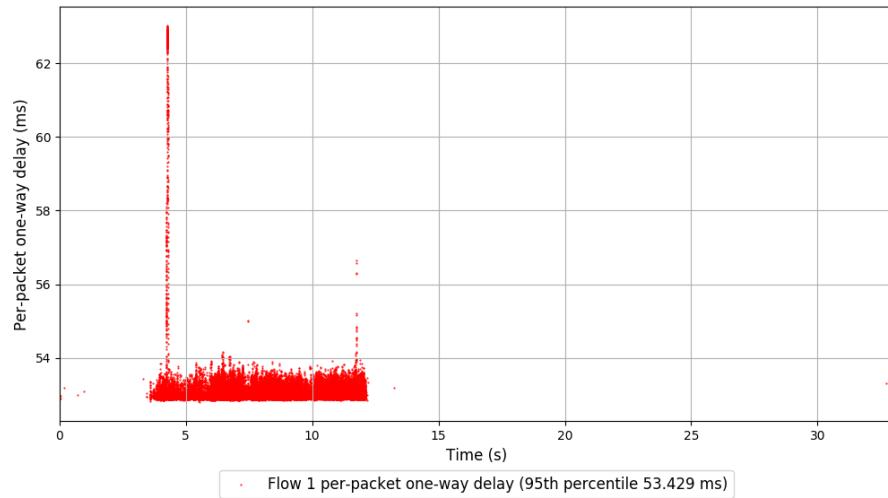
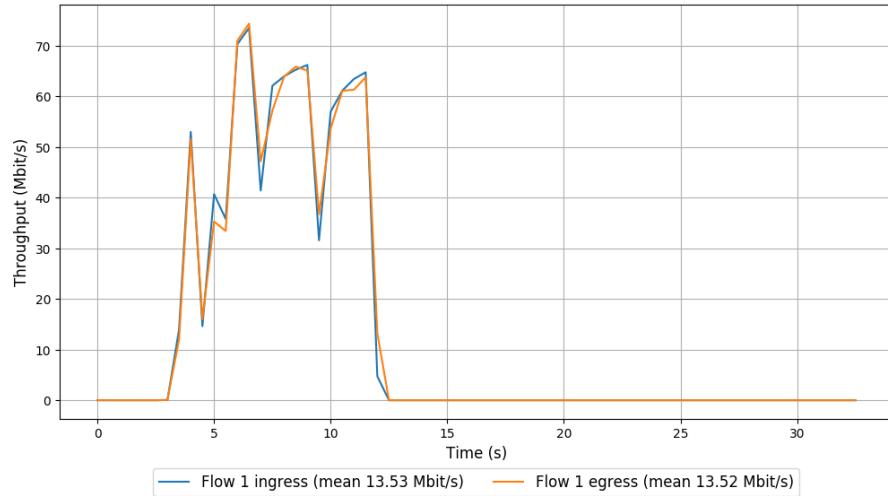


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 22:58:30 +0000
End at: Tue, 13 Jun 2017 22:59:00 +0000
Local clock offset: 5.665 ms
Remote clock offset: 0.201 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.52 Mbit/s
95th percentile per-packet one-way delay: 53.429 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 13.52 Mbit/s
95th percentile per-packet one-way delay: 53.429 ms
Loss rate: 0.09%
```

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



Run 7: Statistics of QUIC Cubic (toy)

Start at: Tue, 13 Jun 2017 23:15:46 +0000

End at: Tue, 13 Jun 2017 23:16:16 +0000

Local clock offset: 3.546 ms

Remote clock offset: 1.132 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.95 Mbit/s

95th percentile per-packet one-way delay: 60.048 ms

Loss rate: 1.18%

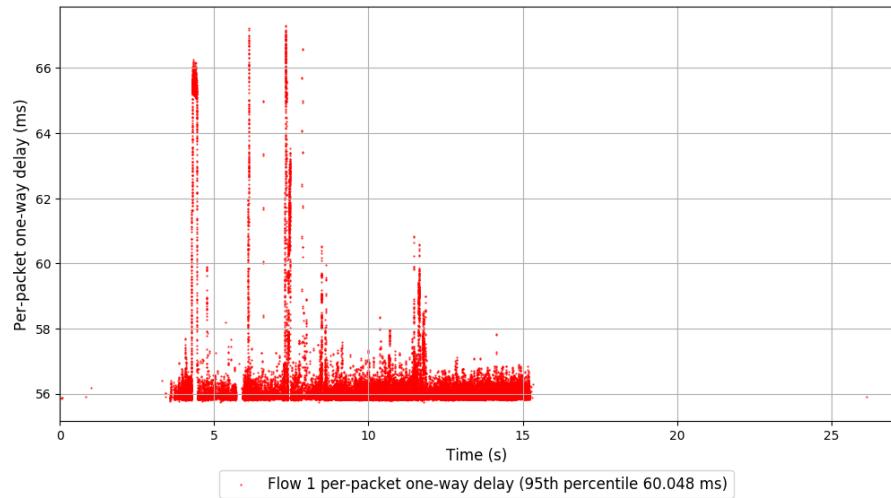
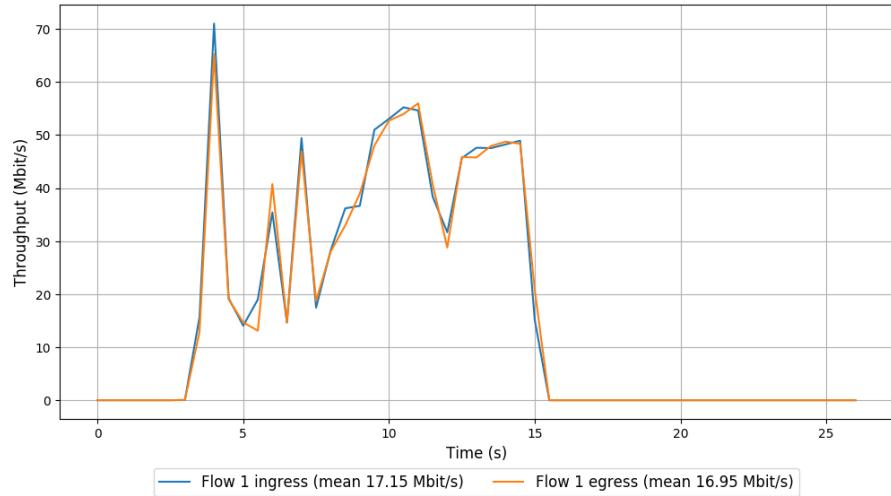
-- Flow 1:

Average throughput: 16.95 Mbit/s

95th percentile per-packet one-way delay: 60.048 ms

Loss rate: 1.18%

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

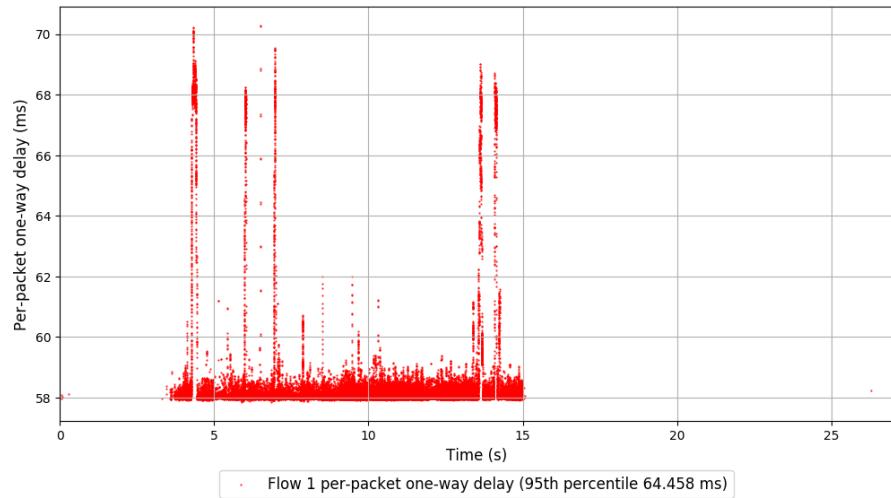
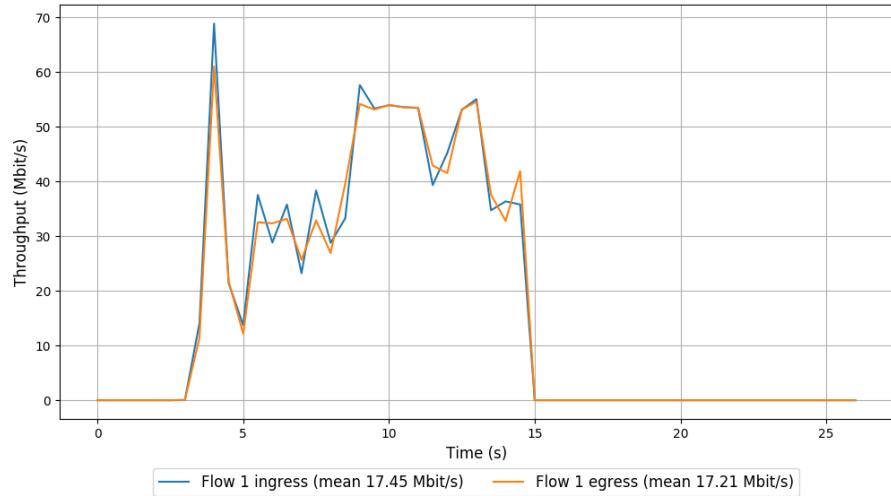


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 23:33:17 +0000
End at: Tue, 13 Jun 2017 23:33:47 +0000
Local clock offset: 2.232 ms
Remote clock offset: 1.922 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.21 Mbit/s
95th percentile per-packet one-way delay: 64.458 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 17.21 Mbit/s
95th percentile per-packet one-way delay: 64.458 ms
Loss rate: 1.42%
```

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

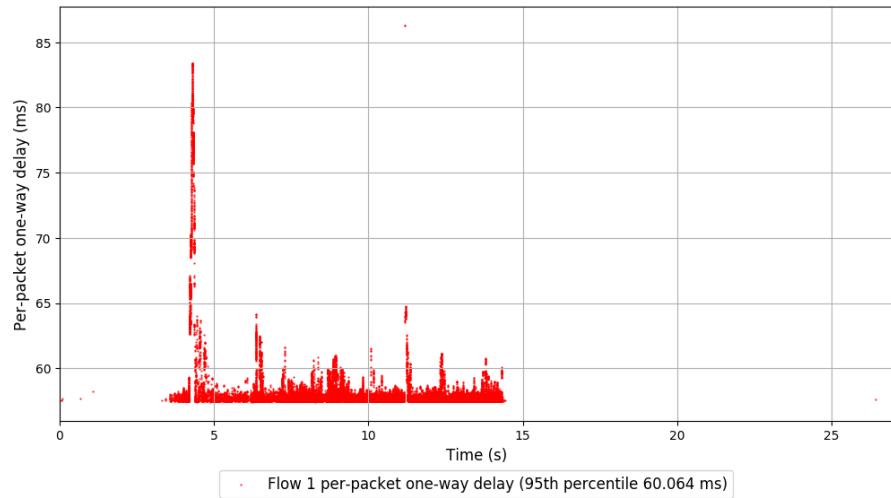
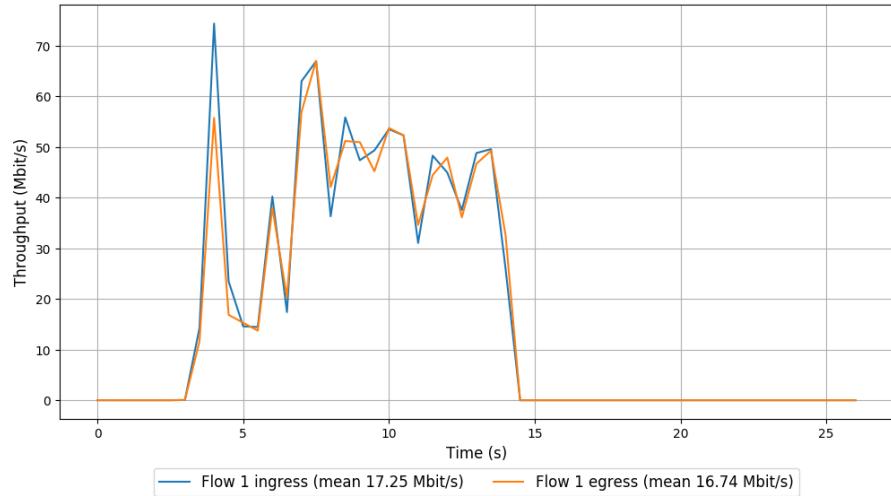


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 13 Jun 2017 23:50:35 +0000
End at: Tue, 13 Jun 2017 23:51:05 +0000
Local clock offset: 2.489 ms
Remote clock offset: 2.359 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.74 Mbit/s
95th percentile per-packet one-way delay: 60.064 ms
Loss rate: 2.95%
-- Flow 1:
Average throughput: 16.74 Mbit/s
95th percentile per-packet one-way delay: 60.064 ms
Loss rate: 2.95%
```

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

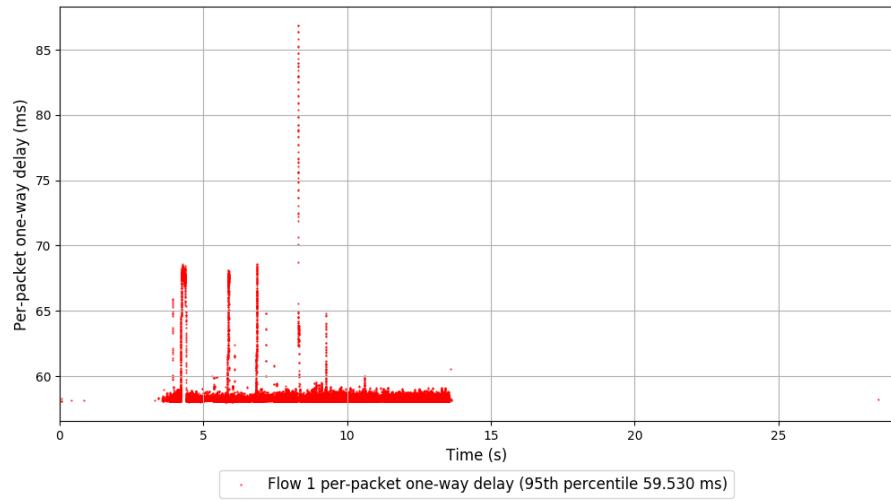
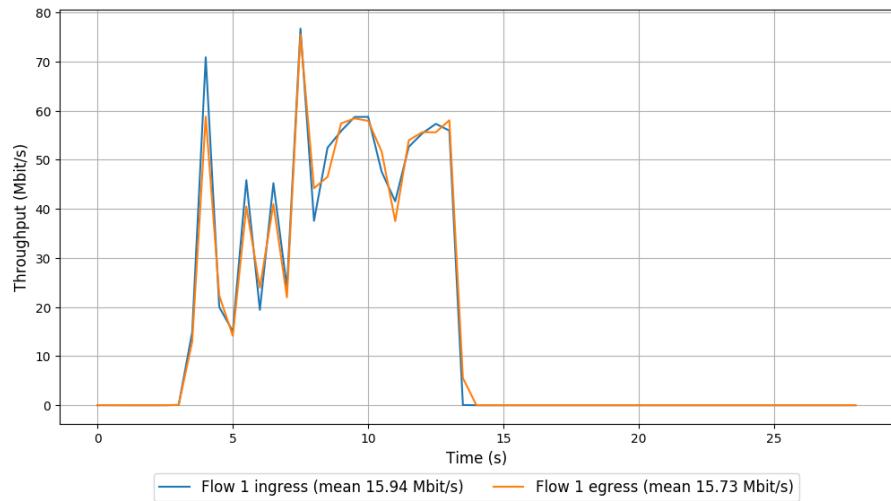


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Wed, 14 Jun 2017 00:08:08 +0000
End at: Wed, 14 Jun 2017 00:08:38 +0000
Local clock offset: 2.575 ms
Remote clock offset: 2.545 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 59.530 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 59.530 ms
Loss rate: 1.35%
```

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



Run 1: Statistics of Saturator

Start at: Tue, 13 Jun 2017 21:33:50 +0000

End at: Tue, 13 Jun 2017 21:34:20 +0000

Local clock offset: 0.595 ms

Remote clock offset: -7.258 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.68 Mbit/s

95th percentile per-packet one-way delay: 51.501 ms

Loss rate: 0.39%

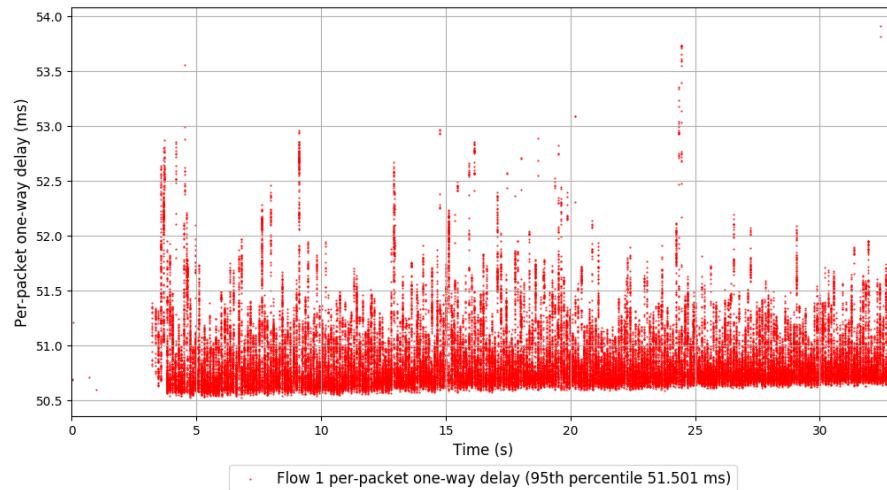
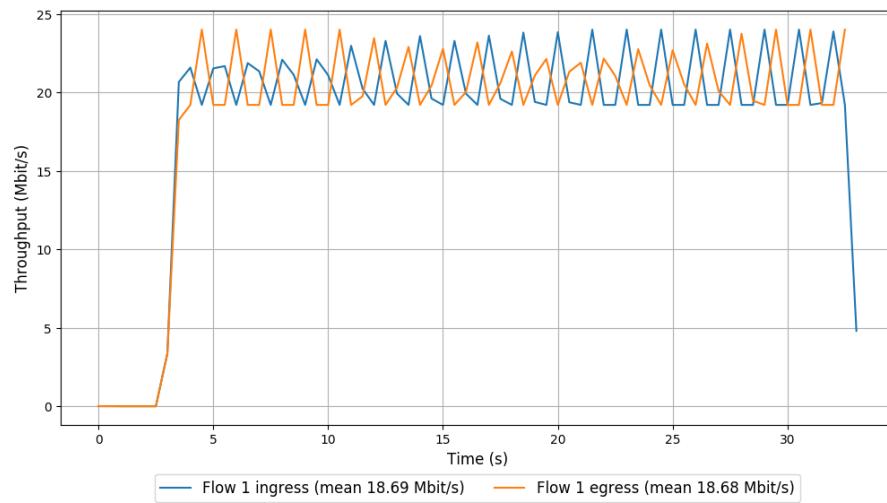
-- Flow 1:

Average throughput: 18.68 Mbit/s

95th percentile per-packet one-way delay: 51.501 ms

Loss rate: 0.39%

Run 1: Report of Saturator — Data Link

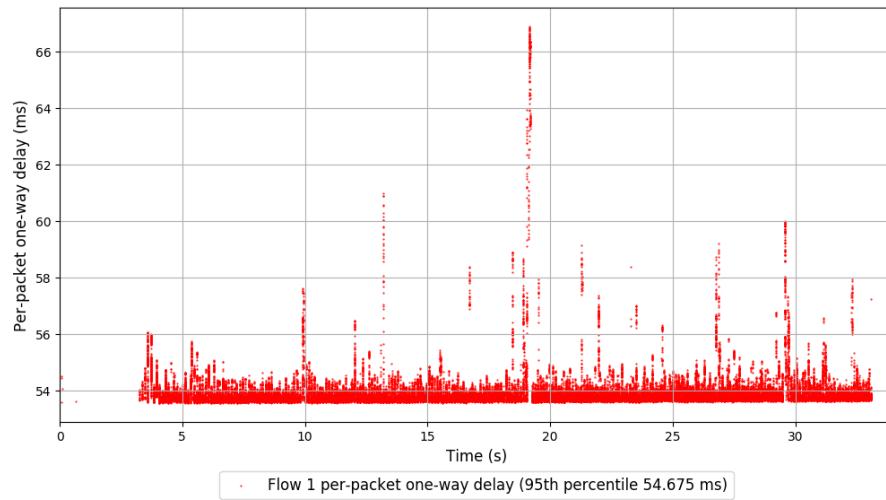
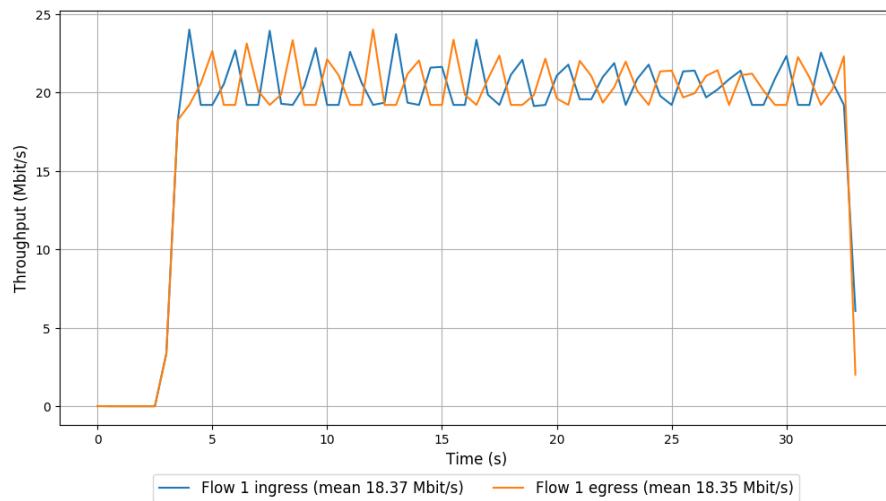


Run 2: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 21:51:16 +0000
End at: Tue, 13 Jun 2017 21:51:46 +0000
Local clock offset: -0.945 ms
Remote clock offset: -5.143 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.35 Mbit/s
95th percentile per-packet one-way delay: 54.675 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 18.35 Mbit/s
95th percentile per-packet one-way delay: 54.675 ms
Loss rate: 0.45%
```

## Run 2: Report of Saturator — Data Link

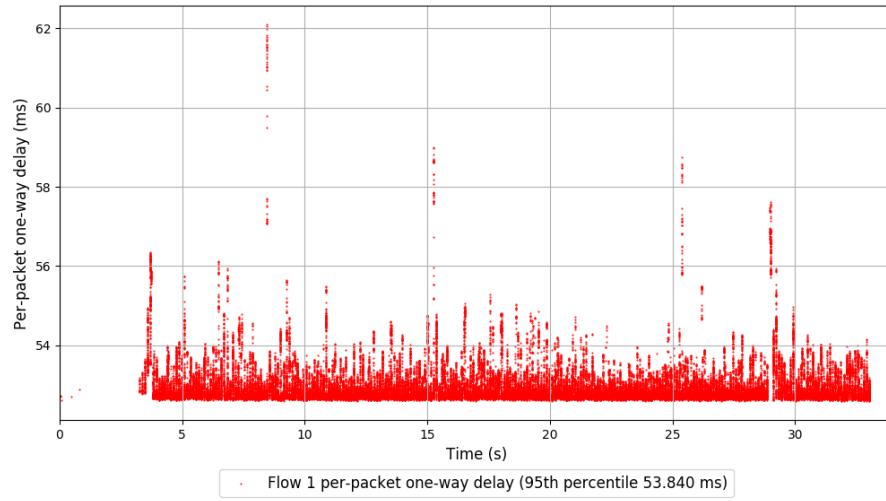
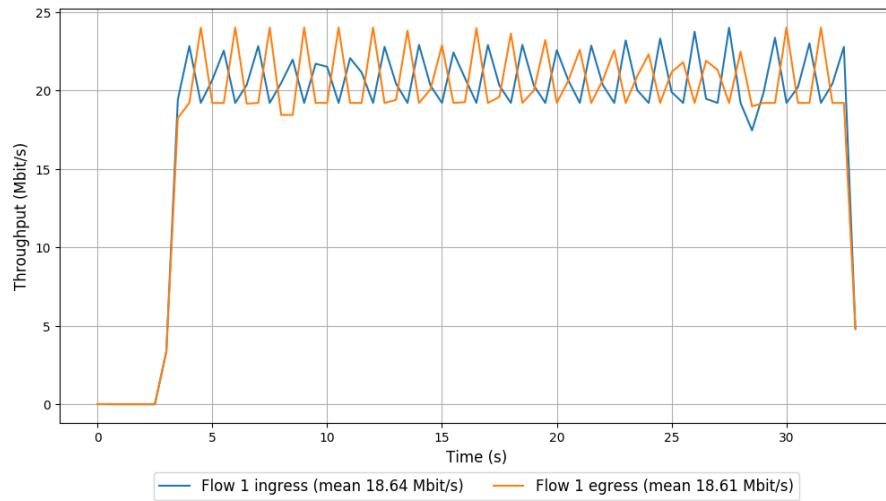


Run 3: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 22:08:47 +0000
End at: Tue, 13 Jun 2017 22:09:17 +0000
Local clock offset: 1.612 ms
Remote clock offset: -3.783 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 53.840 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 53.840 ms
Loss rate: 0.49%
```

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

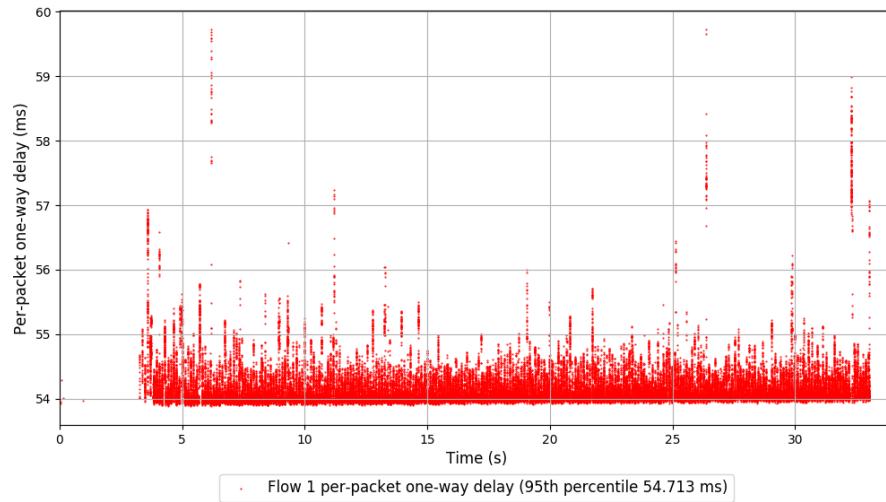
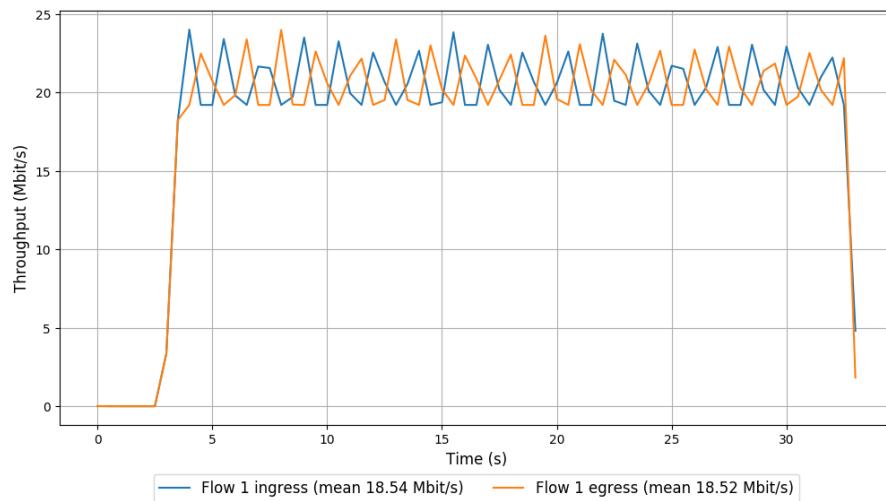


Run 4: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 22:26:14 +0000
End at: Tue, 13 Jun 2017 22:26:44 +0000
Local clock offset: 1.82 ms
Remote clock offset: -2.234 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:55:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 54.713 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 54.713 ms
Loss rate: 0.41%
```

Run 4: Report of Saturator — Data Link

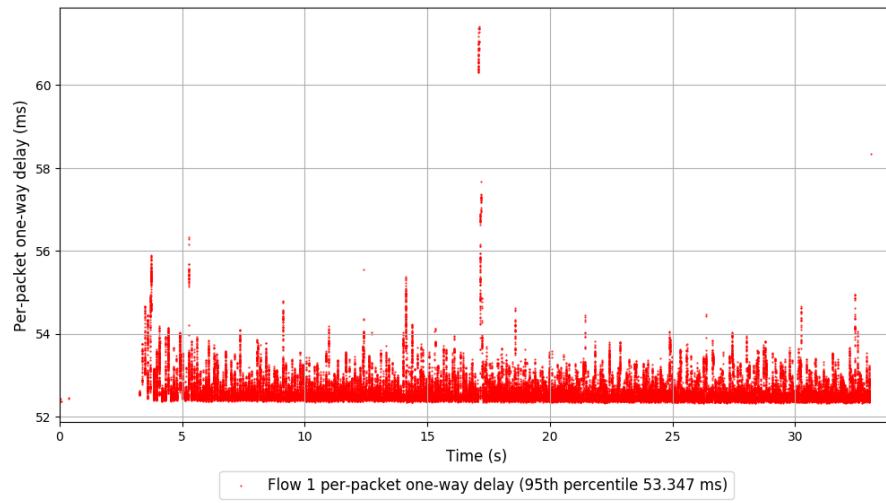
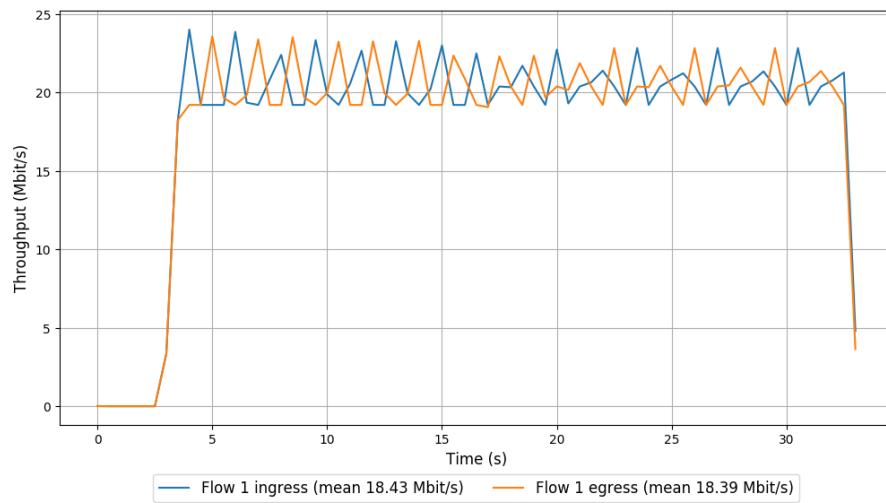


Run 5: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 22:43:29 +0000
End at: Tue, 13 Jun 2017 22:43:59 +0000
Local clock offset: 4.915 ms
Remote clock offset: -1.156 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 53.347 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 53.347 ms
Loss rate: 0.42%
```

Run 5: Report of Saturator — Data Link

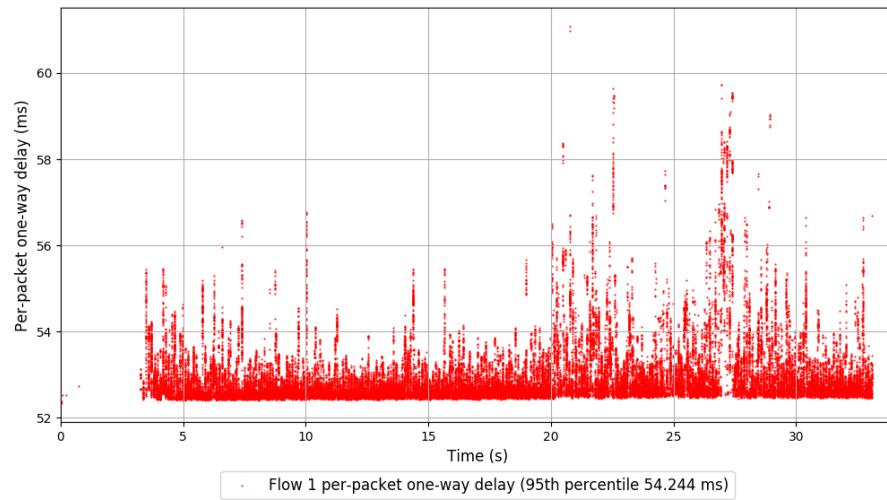
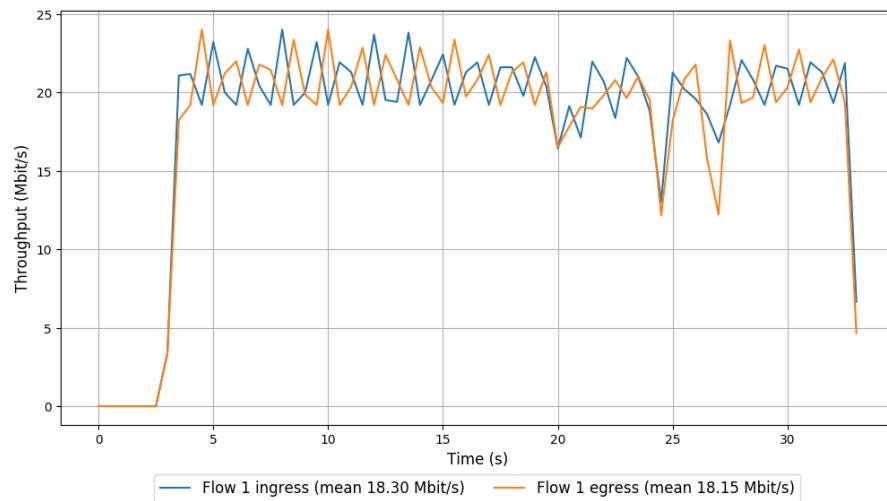


Run 6: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 23:00:43 +0000
End at: Tue, 13 Jun 2017 23:01:13 +0000
Local clock offset: 5.6 ms
Remote clock offset: 0.062 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.15 Mbit/s
95th percentile per-packet one-way delay: 54.244 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 18.15 Mbit/s
95th percentile per-packet one-way delay: 54.244 ms
Loss rate: 1.18%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 13 Jun 2017 23:18:06 +0000

End at: Tue, 13 Jun 2017 23:18:36 +0000

Local clock offset: 3.306 ms

Remote clock offset: 1.192 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.71 Mbit/s

95th percentile per-packet one-way delay: 56.637 ms

Loss rate: 0.43%

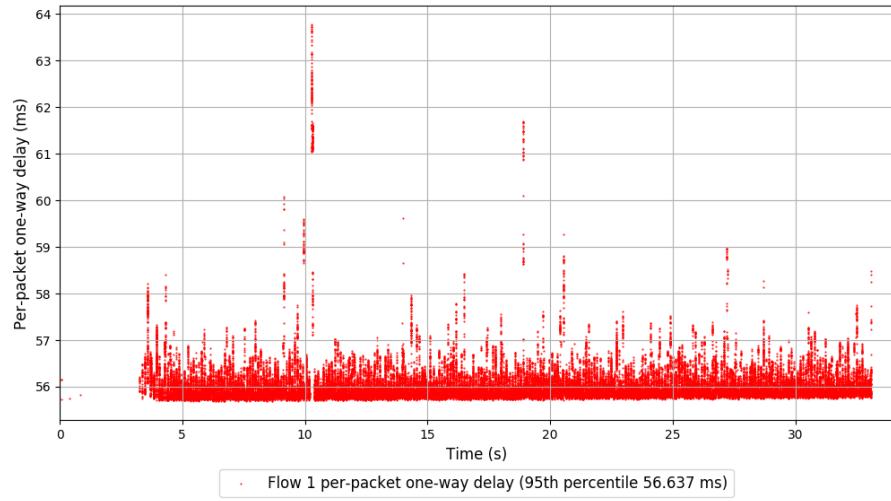
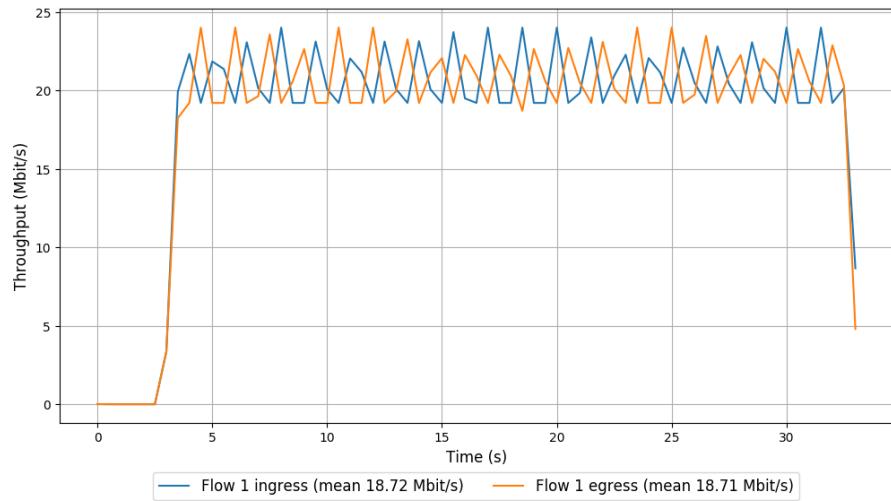
-- Flow 1:

Average throughput: 18.71 Mbit/s

95th percentile per-packet one-way delay: 56.637 ms

Loss rate: 0.43%

Run 7: Report of Saturator — Data Link

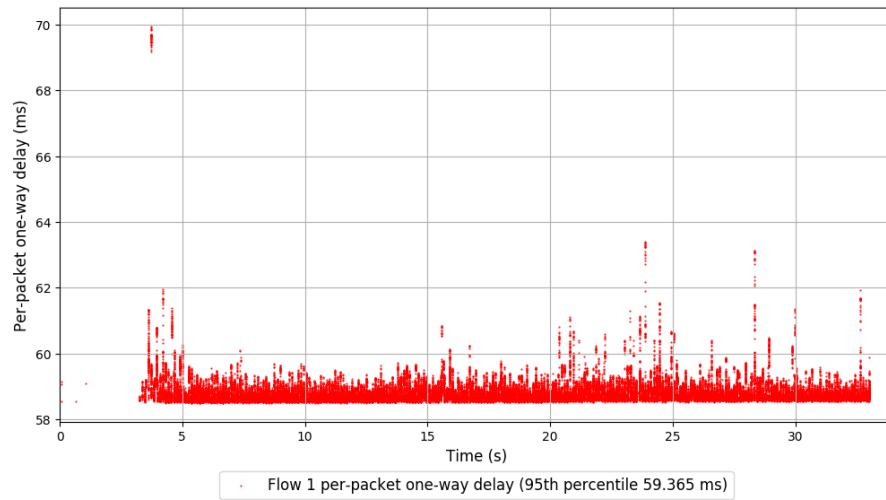
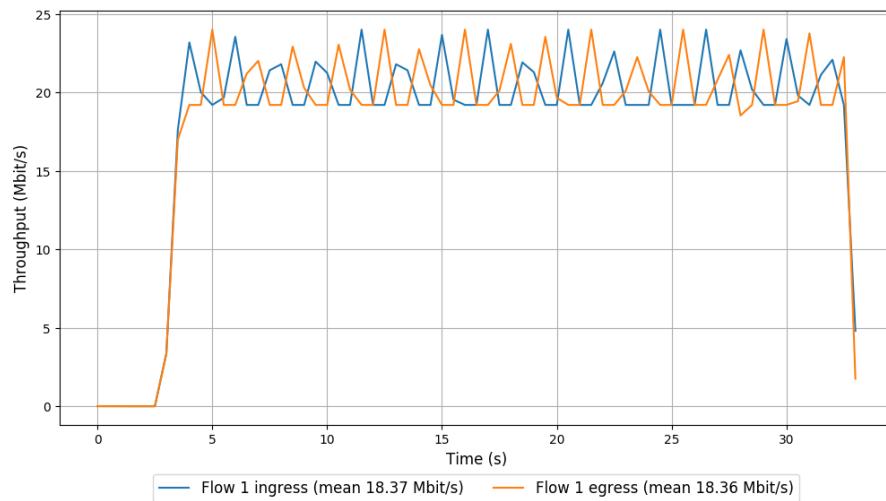


Run 8: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 23:35:43 +0000
End at: Tue, 13 Jun 2017 23:36:13 +0000
Local clock offset: 2.015 ms
Remote clock offset: 1.993 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.36 Mbit/s
95th percentile per-packet one-way delay: 59.365 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 18.36 Mbit/s
95th percentile per-packet one-way delay: 59.365 ms
Loss rate: 0.47%
```

Run 8: Report of Saturator — Data Link

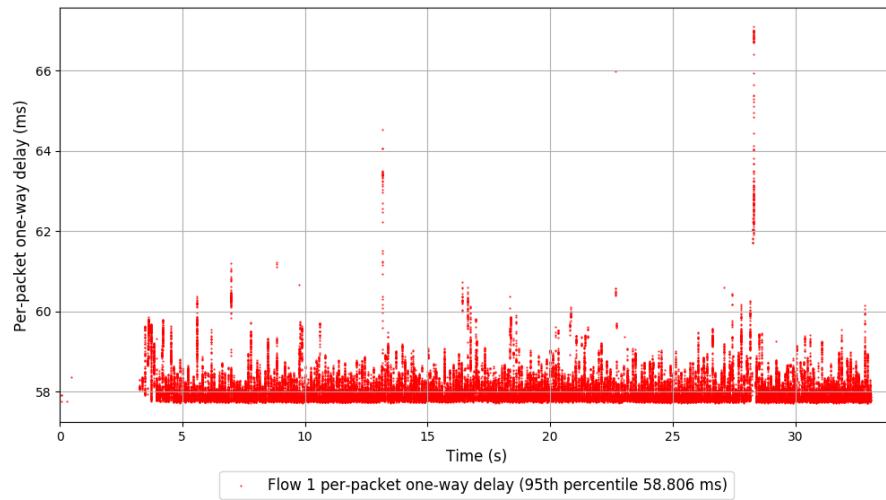
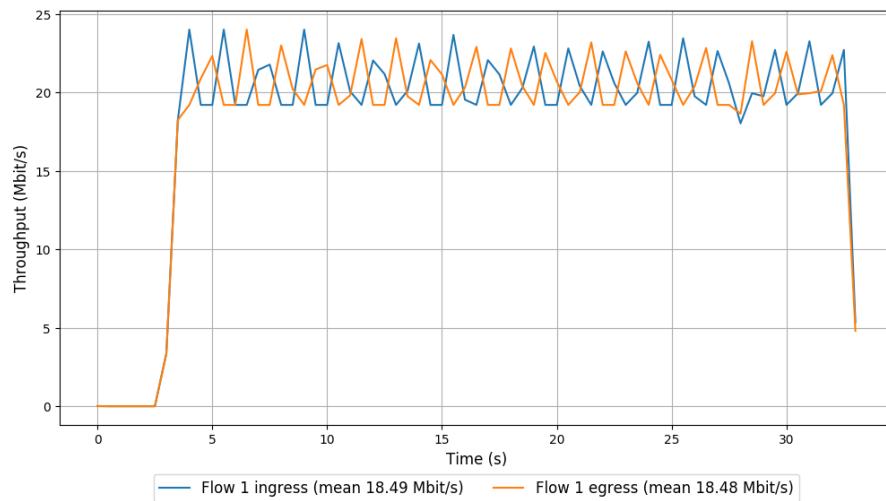


Run 9: Statistics of Saturator

```
Start at: Tue, 13 Jun 2017 23:52:48 +0000
End at: Tue, 13 Jun 2017 23:53:18 +0000
Local clock offset: 2.641 ms
Remote clock offset: 2.762 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.48 Mbit/s
95th percentile per-packet one-way delay: 58.806 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 18.48 Mbit/s
95th percentile per-packet one-way delay: 58.806 ms
Loss rate: 0.40%
```

Run 9: Report of Saturator — Data Link

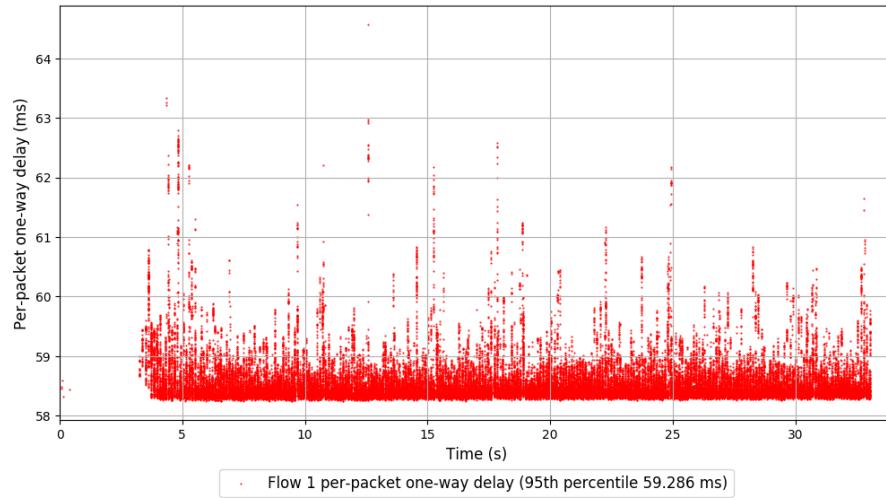
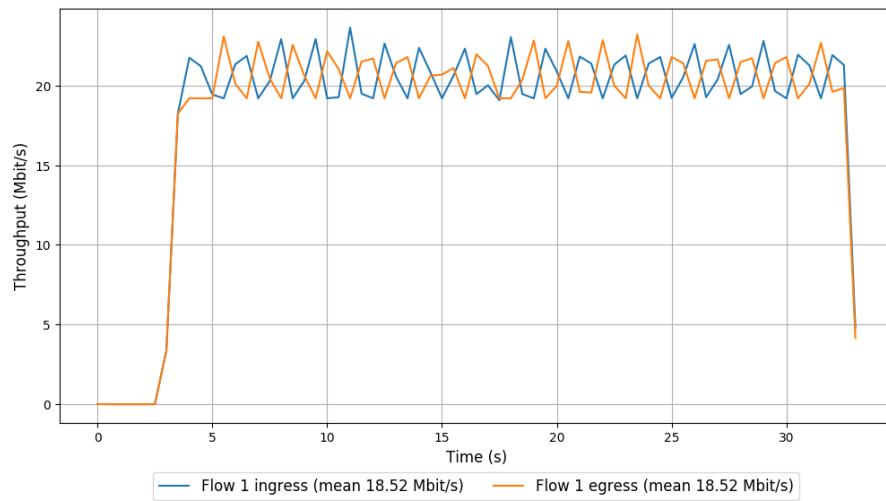


Run 10: Statistics of Saturator

```
Start at: Wed, 14 Jun 2017 00:10:27 +0000
End at: Wed, 14 Jun 2017 00:10:57 +0000
Local clock offset: 2.486 ms
Remote clock offset: 2.968 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 59.286 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 59.286 ms
Loss rate: 0.39%
```

Run 10: Report of Saturator — Data Link

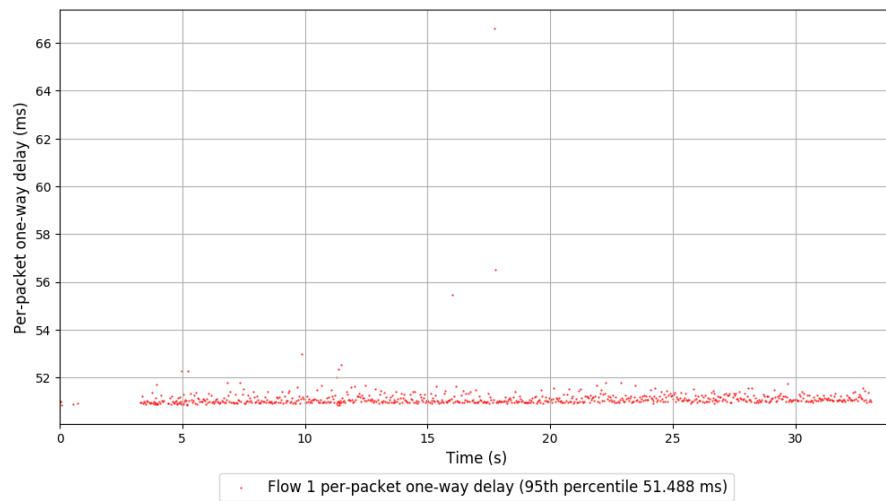
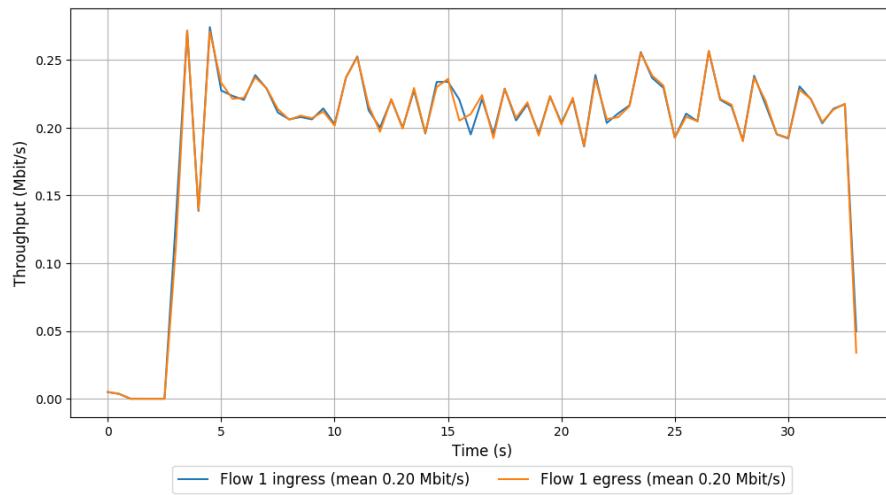


Run 1: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 21:34:58 +0000
End at: Tue, 13 Jun 2017 21:35:28 +0000
Local clock offset: 0.418 ms
Remote clock offset: -12.015 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.488 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 51.488 ms
Loss rate: 0.25%
```

Run 1: Report of SCReAM — Data Link

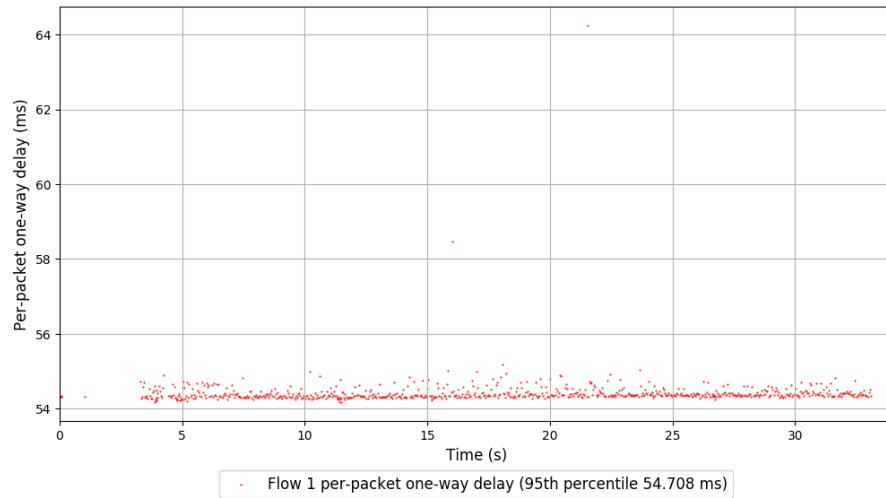
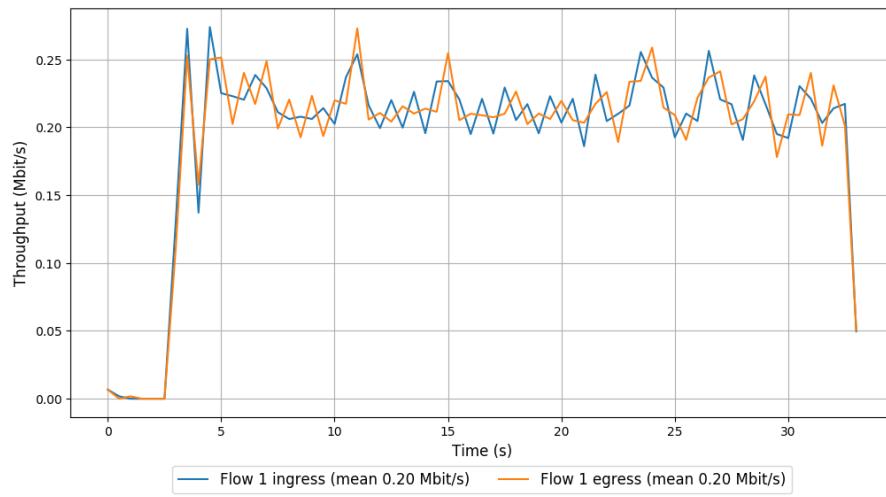


Run 2: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 21:52:24 +0000
End at: Tue, 13 Jun 2017 21:52:54 +0000
Local clock offset: -0.972 ms
Remote clock offset: -5.392 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 54.708 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 54.708 ms
Loss rate: 0.25%
```

Run 2: Report of SCReAM — Data Link

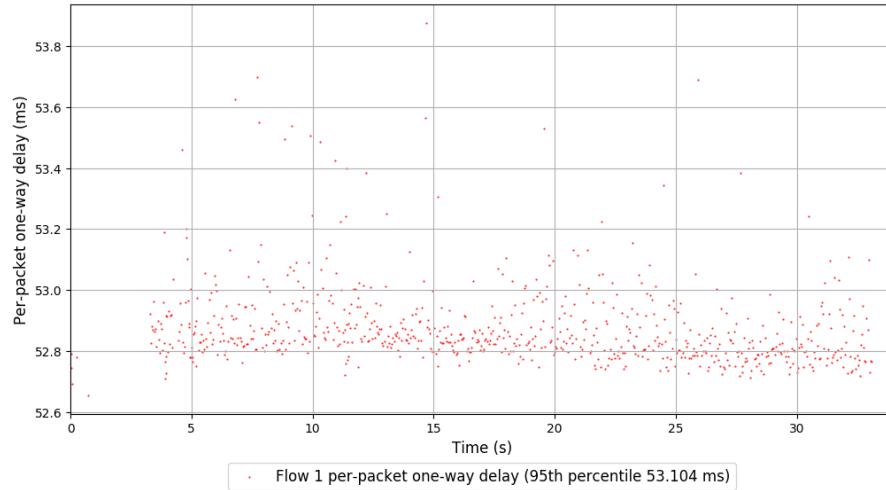
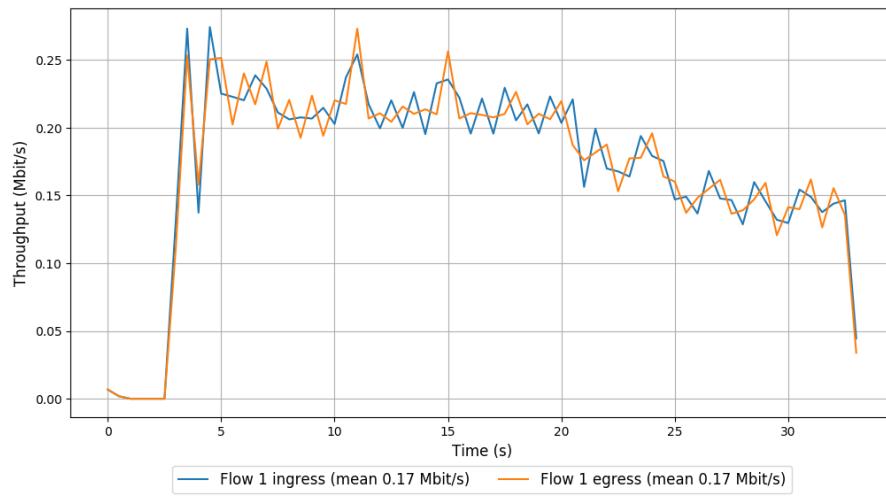


Run 3: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 22:09:55 +0000
End at: Tue, 13 Jun 2017 22:10:25 +0000
Local clock offset: 1.783 ms
Remote clock offset: -3.206 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 53.104 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 53.104 ms
Loss rate: 0.45%
```

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

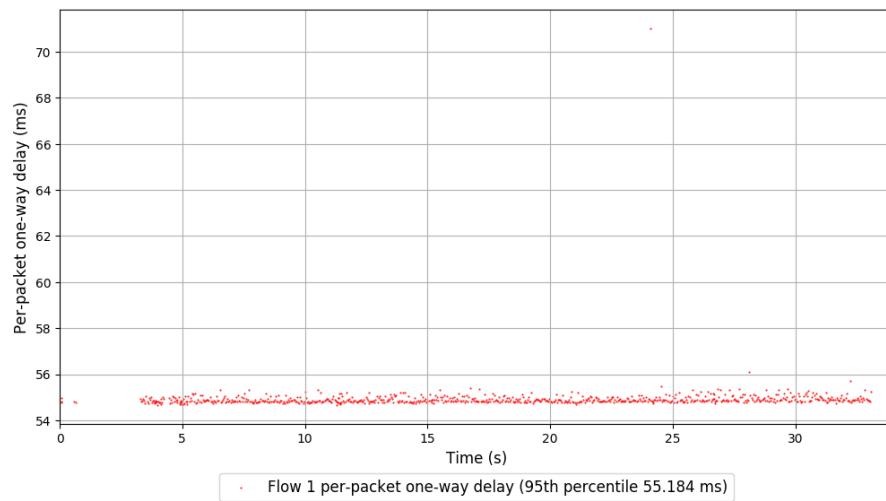
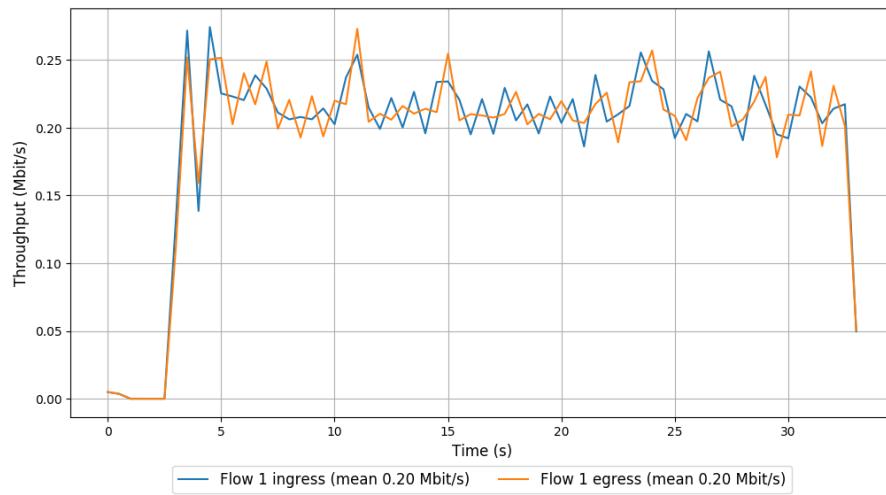


Run 4: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 22:27:22 +0000
End at: Tue, 13 Jun 2017 22:27:52 +0000
Local clock offset: 1.783 ms
Remote clock offset: -2.019 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 55.184 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 55.184 ms
Loss rate: 0.25%
```

Run 4: Report of SCReAM — Data Link

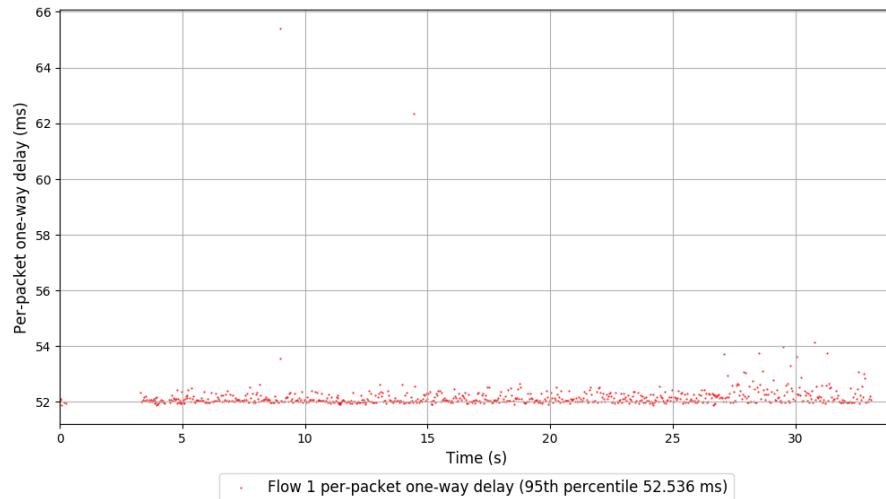
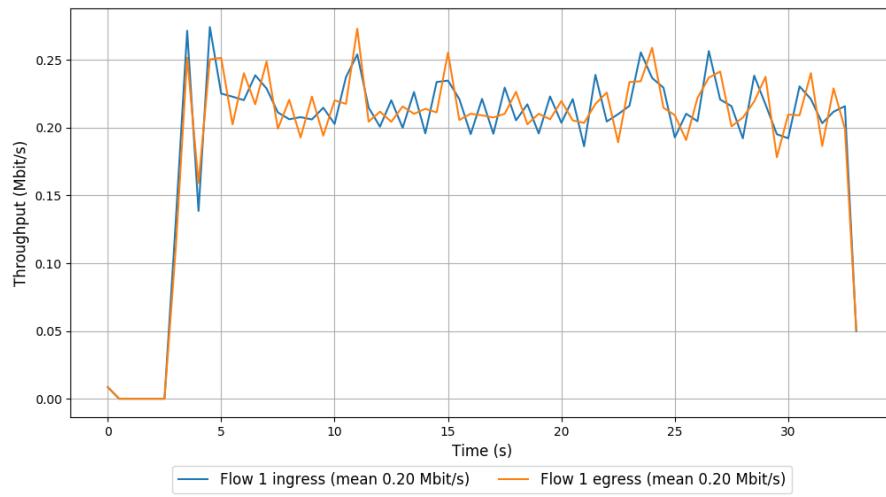


Run 5: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 22:44:37 +0000
End at: Tue, 13 Jun 2017 22:45:07 +0000
Local clock offset: 5.167 ms
Remote clock offset: -0.639 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 52.536 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 52.536 ms
Loss rate: 0.26%
```

Run 5: Report of SCReAM — Data Link

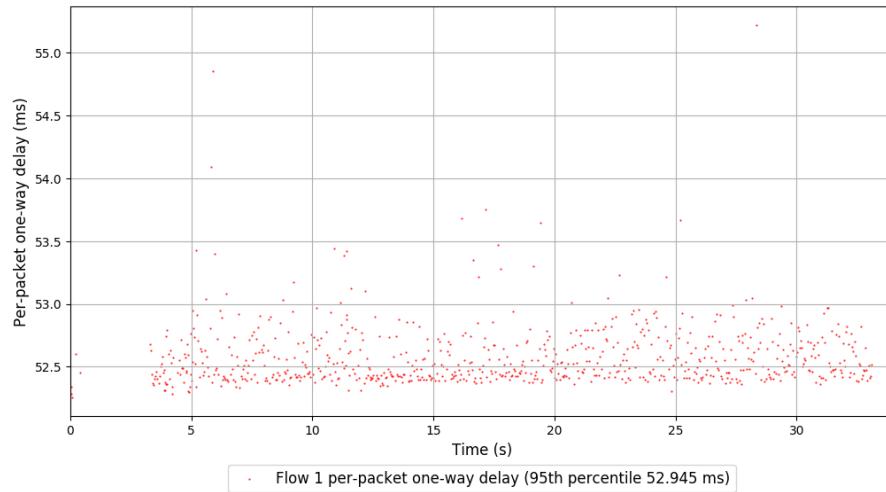
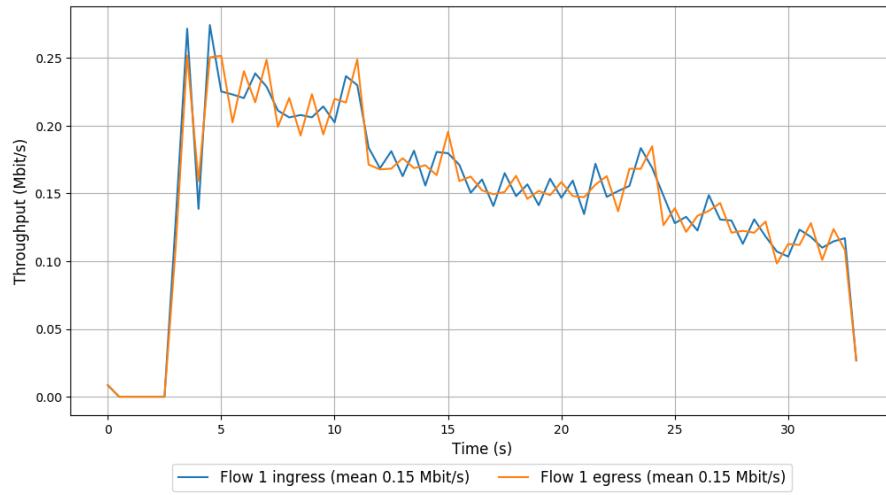


Run 6: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 23:01:51 +0000
End at: Tue, 13 Jun 2017 23:02:21 +0000
Local clock offset: 5.422 ms
Remote clock offset: 0.17 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 52.945 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 52.945 ms
Loss rate: 0.48%
```

## Run 6: Report of SCReAM — Data Link

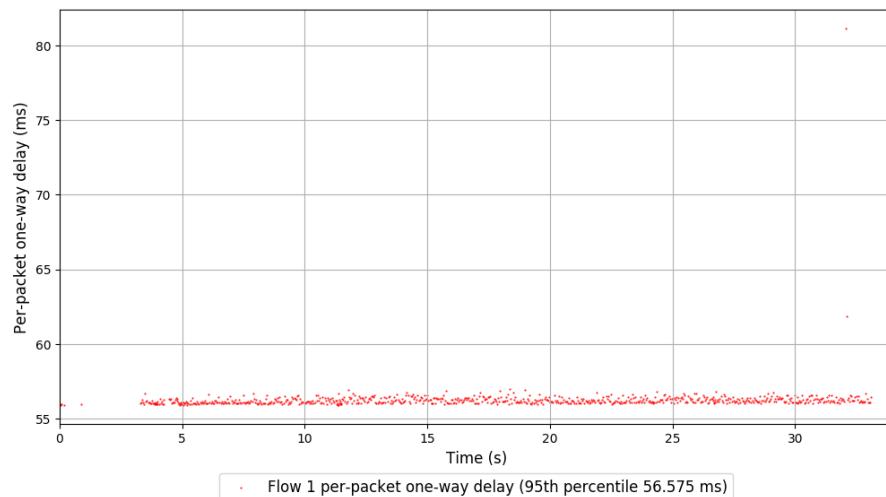
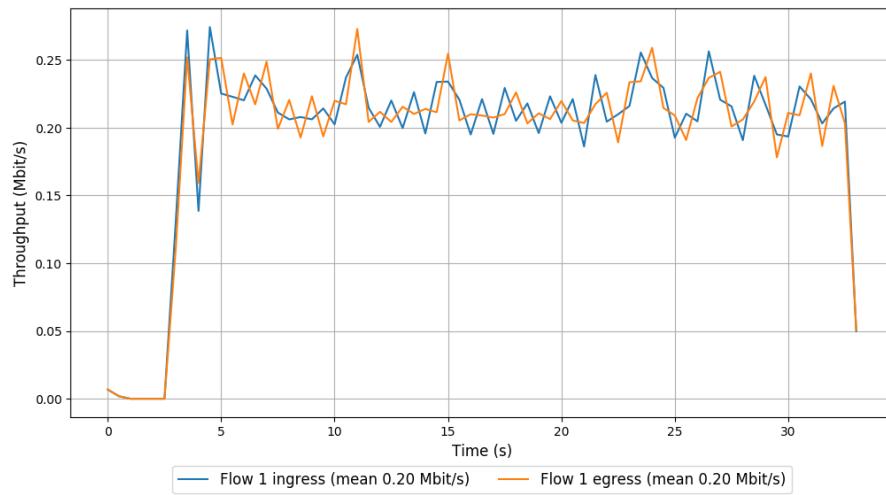


Run 7: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 23:19:14 +0000
End at: Tue, 13 Jun 2017 23:19:44 +0000
Local clock offset: 3.254 ms
Remote clock offset: 1.335 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 56.575 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 56.575 ms
Loss rate: 0.25%
```

Run 7: Report of SCReAM — Data Link

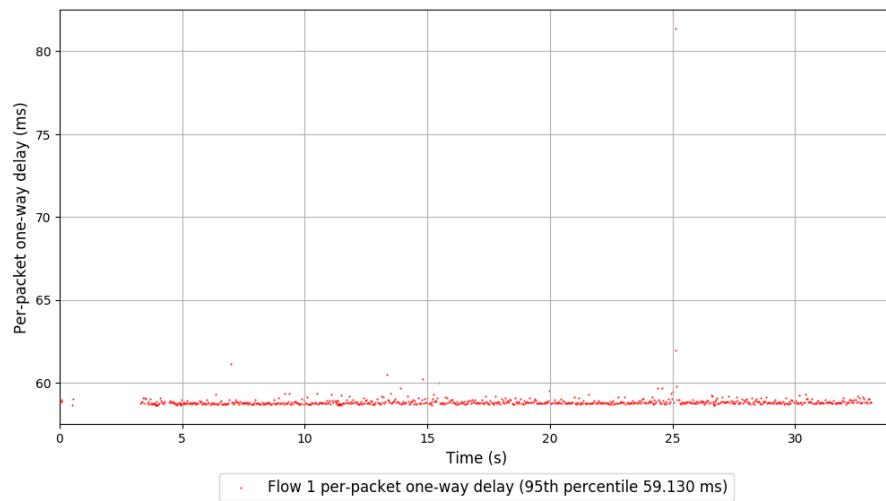
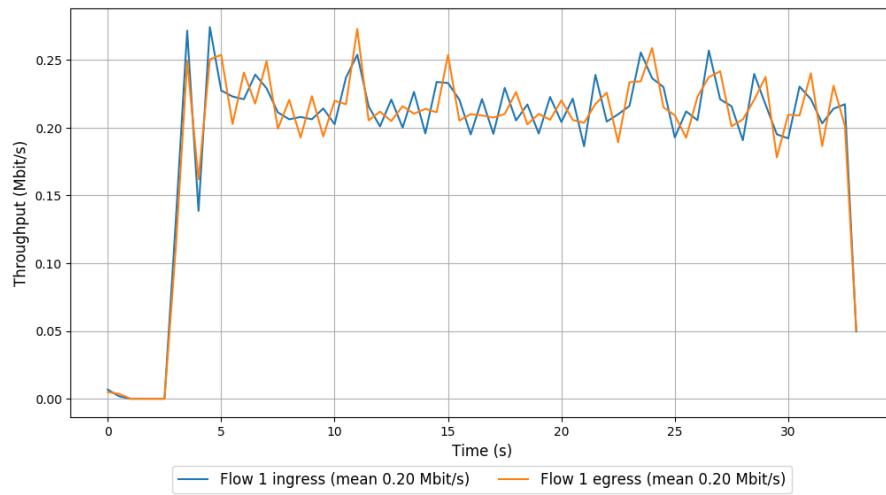


Run 8: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 23:36:51 +0000
End at: Tue, 13 Jun 2017 23:37:21 +0000
Local clock offset: 2.001 ms
Remote clock offset: 2.15 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 59.130 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 59.130 ms
Loss rate: 0.25%
```

Run 8: Report of SCReAM — Data Link

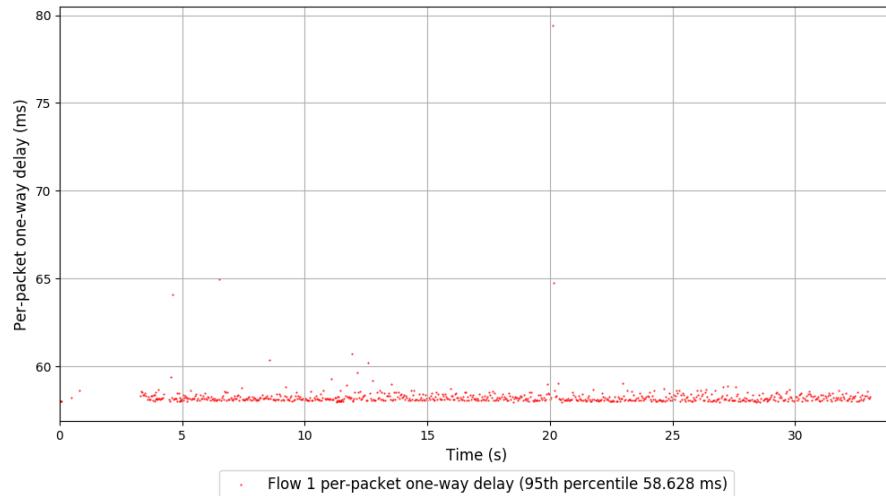
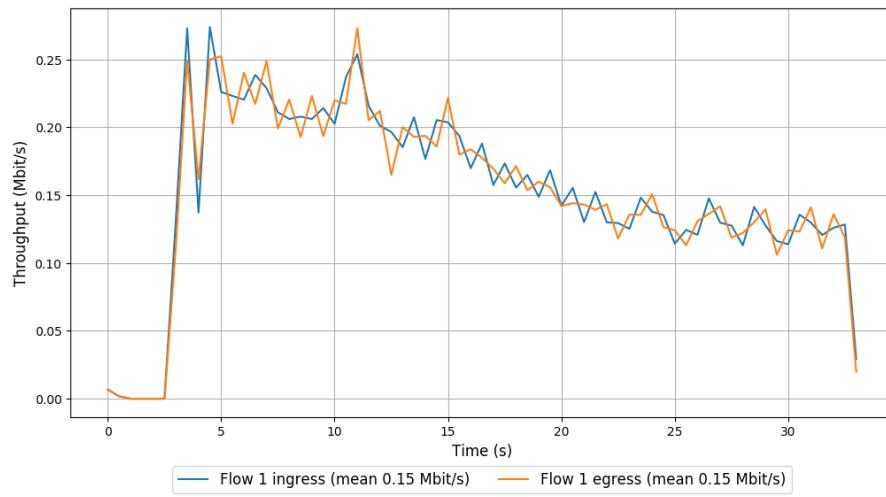


Run 9: Statistics of SCReAM

```
Start at: Tue, 13 Jun 2017 23:53:56 +0000
End at: Tue, 13 Jun 2017 23:54:26 +0000
Local clock offset: 2.683 ms
Remote clock offset: 2.726 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 58.628 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 58.628 ms
Loss rate: 0.60%
```

Run 9: Report of SCReAM — Data Link

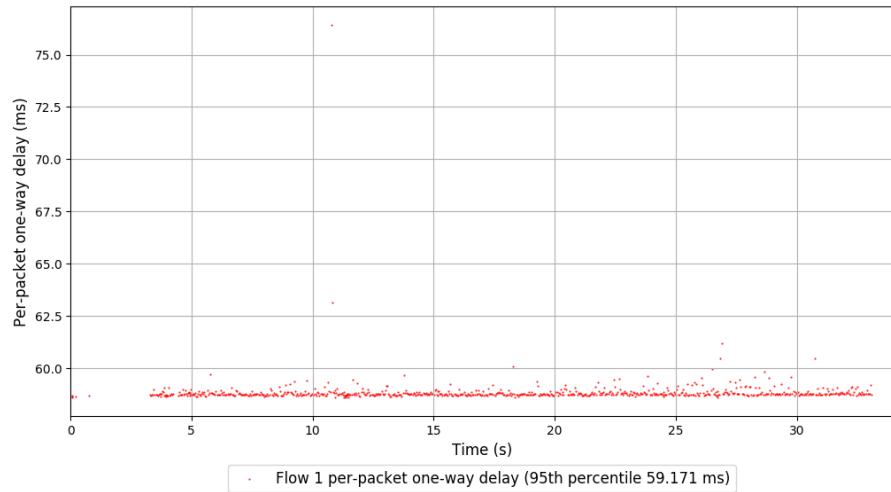
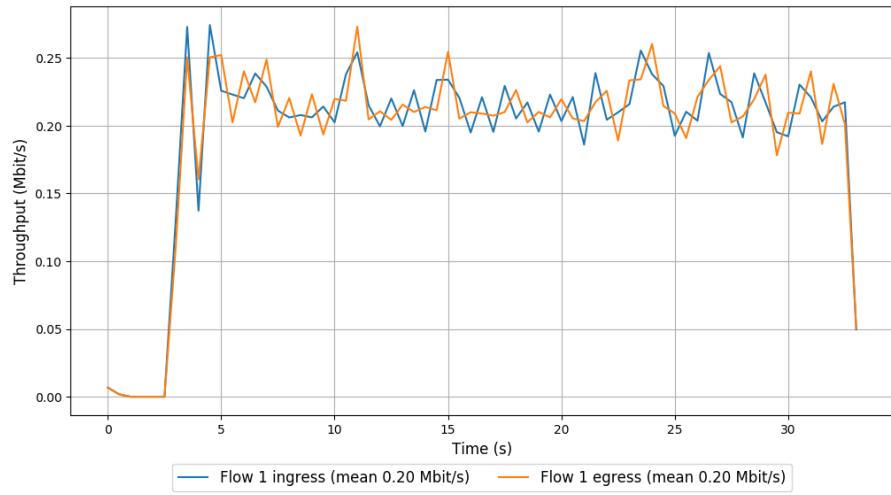


Run 10: Statistics of SCReAM

```
Start at: Wed, 14 Jun 2017 00:11:35 +0000
End at: Wed, 14 Jun 2017 00:12:05 +0000
Local clock offset: 2.373 ms
Remote clock offset: 3.092 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 59.171 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 59.171 ms
Loss rate: 0.25%
```

Run 10: Report of SCReAM — Data Link

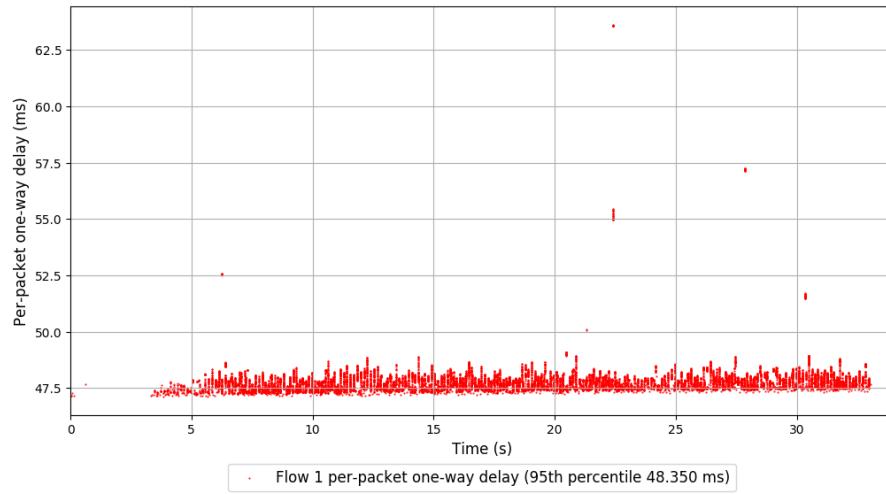
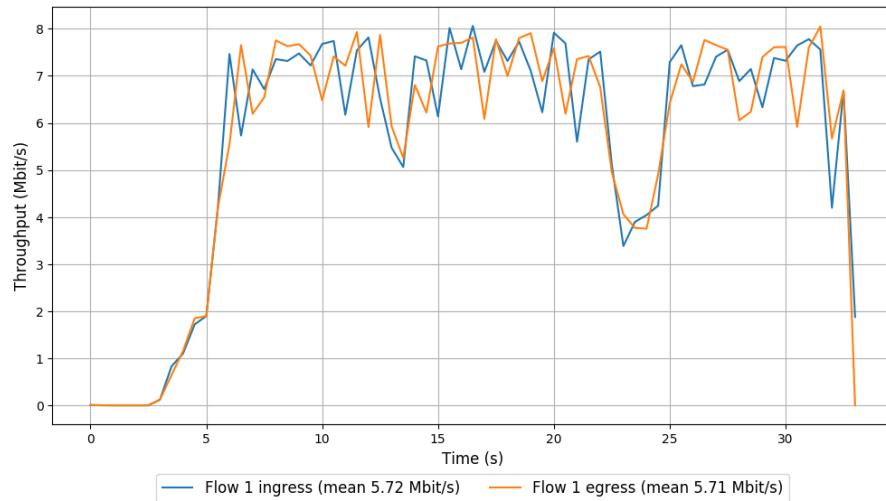


Run 1: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 21:24:23 +0000
End at: Tue, 13 Jun 2017 21:24:53 +0000
Local clock offset: 3.382 ms
Remote clock offset: -7.669 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.71 Mbit/s
95th percentile per-packet one-way delay: 48.350 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 5.71 Mbit/s
95th percentile per-packet one-way delay: 48.350 ms
Loss rate: 0.52%
```

## Run 1: Report of Sprout — Data Link

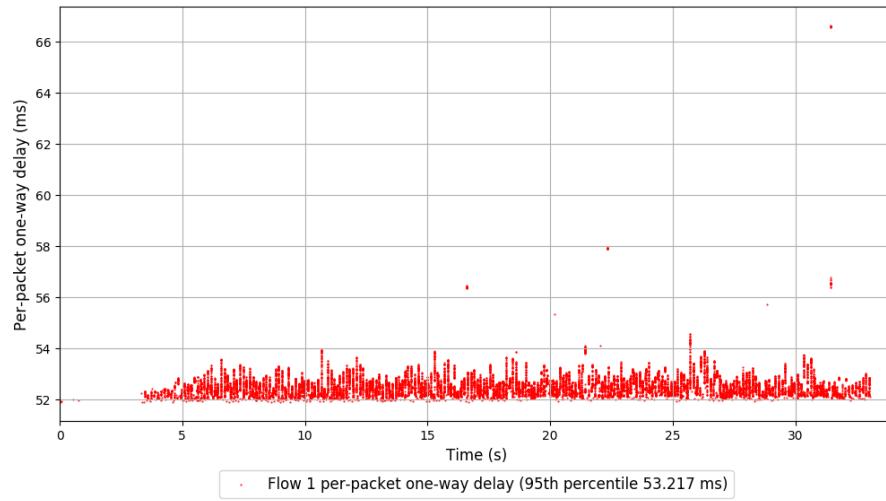
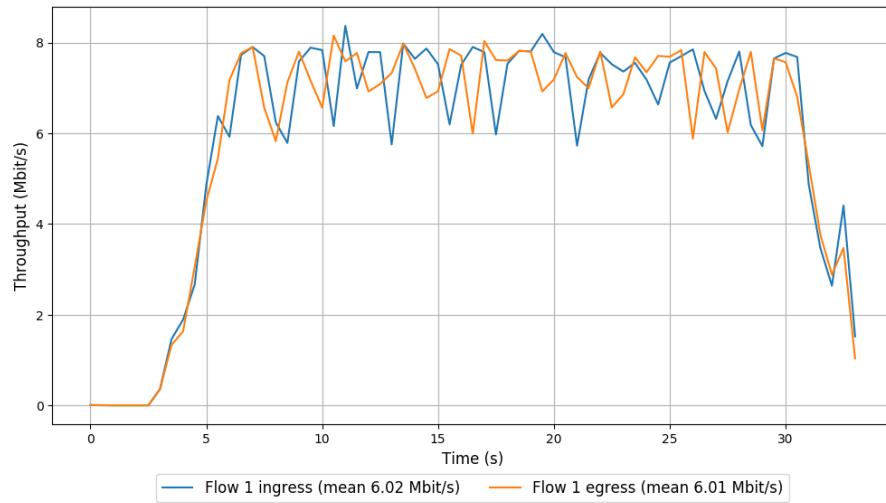


Run 2: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 21:41:44 +0000
End at: Tue, 13 Jun 2017 21:42:14 +0000
Local clock offset: -0.41 ms
Remote clock offset: -6.662 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.01 Mbit/s
95th percentile per-packet one-way delay: 53.217 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 6.01 Mbit/s
95th percentile per-packet one-way delay: 53.217 ms
Loss rate: 0.45%
```

## Run 2: Report of Sprout — Data Link

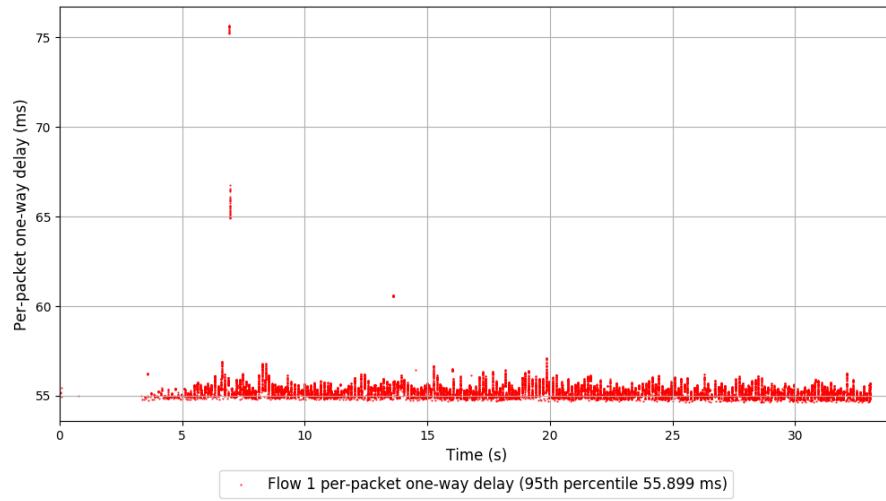
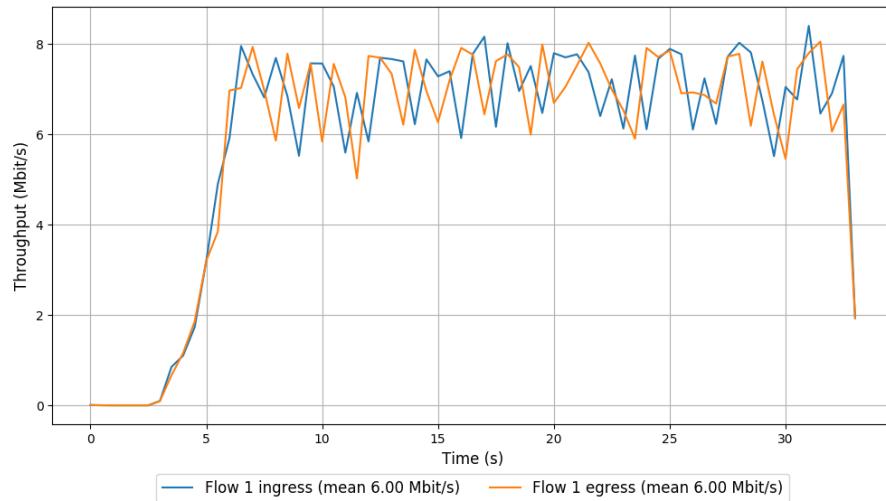


Run 3: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 21:59:09 +0000
End at: Tue, 13 Jun 2017 21:59:39 +0000
Local clock offset: -1.097 ms
Remote clock offset: -5.143 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.00 Mbit/s
95th percentile per-packet one-way delay: 55.899 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 6.00 Mbit/s
95th percentile per-packet one-way delay: 55.899 ms
Loss rate: 0.49%
```

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

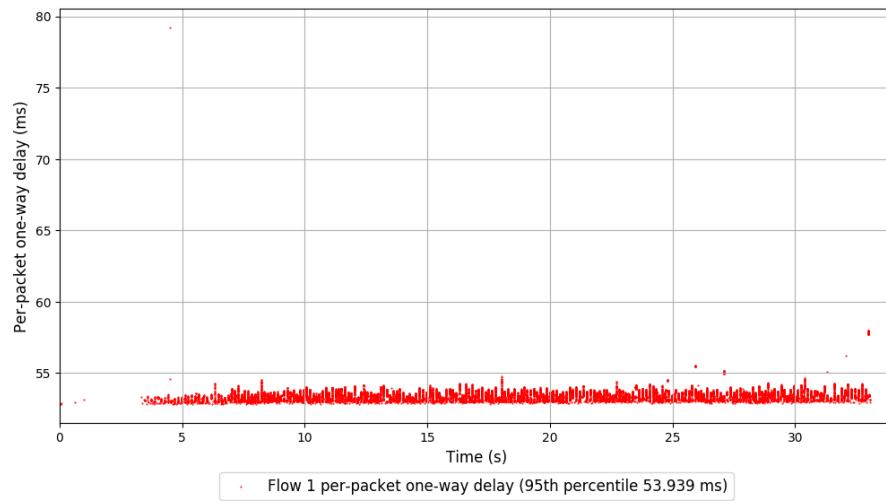
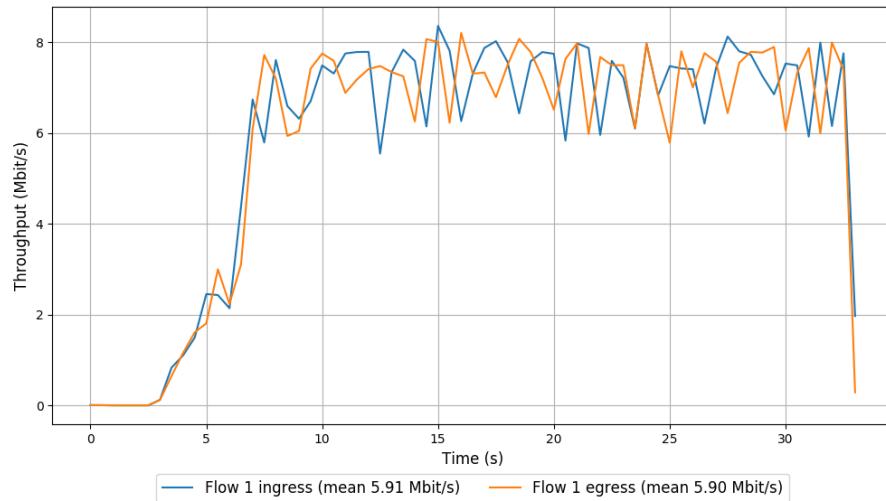


Run 4: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 22:16:41 +0000
End at: Tue, 13 Jun 2017 22:17:11 +0000
Local clock offset: 2.274 ms
Remote clock offset: -2.939 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.90 Mbit/s
95th percentile per-packet one-way delay: 53.939 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 5.90 Mbit/s
95th percentile per-packet one-way delay: 53.939 ms
Loss rate: 0.57%
```

## Run 4: Report of Sprout — Data Link

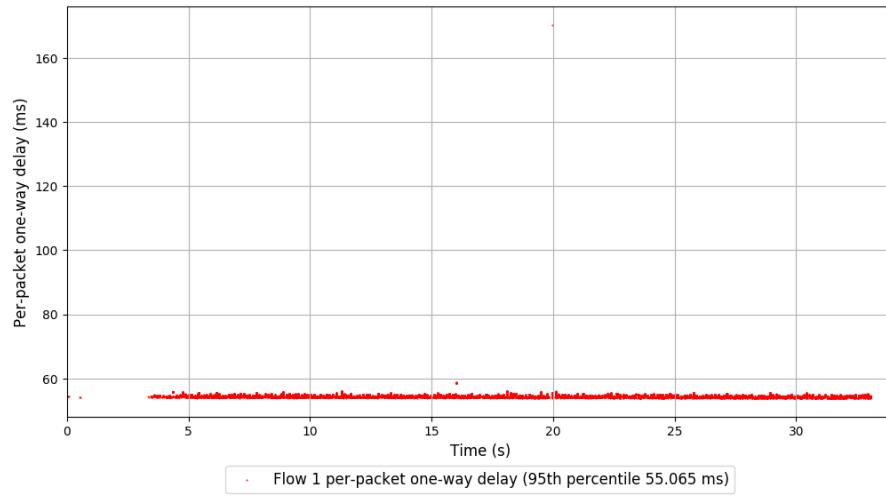
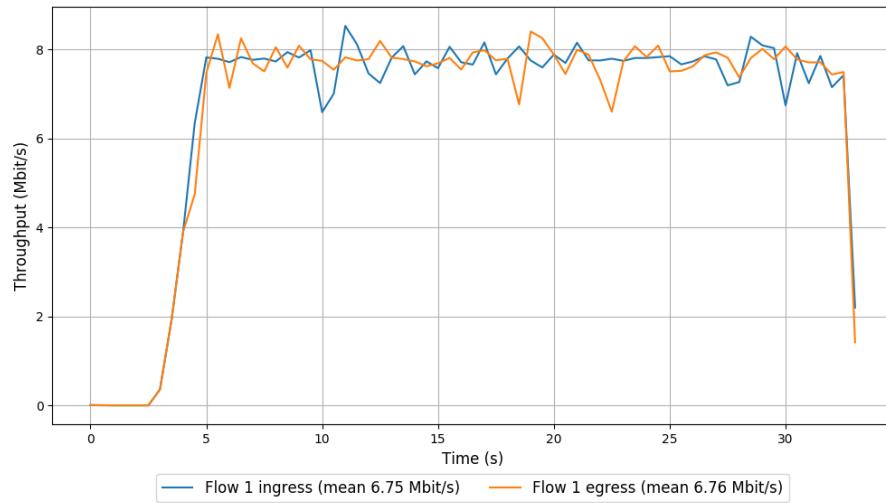


Run 5: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 22:34:07 +0000
End at: Tue, 13 Jun 2017 22:34:37 +0000
Local clock offset: 2.038 ms
Remote clock offset: -1.871 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 55.065 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 55.065 ms
Loss rate: 0.18%
```

Run 5: Report of Sprout — Data Link

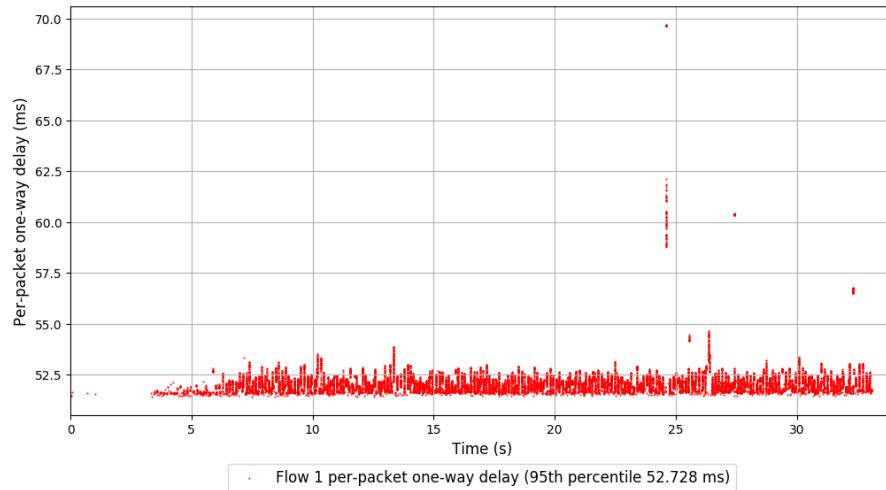
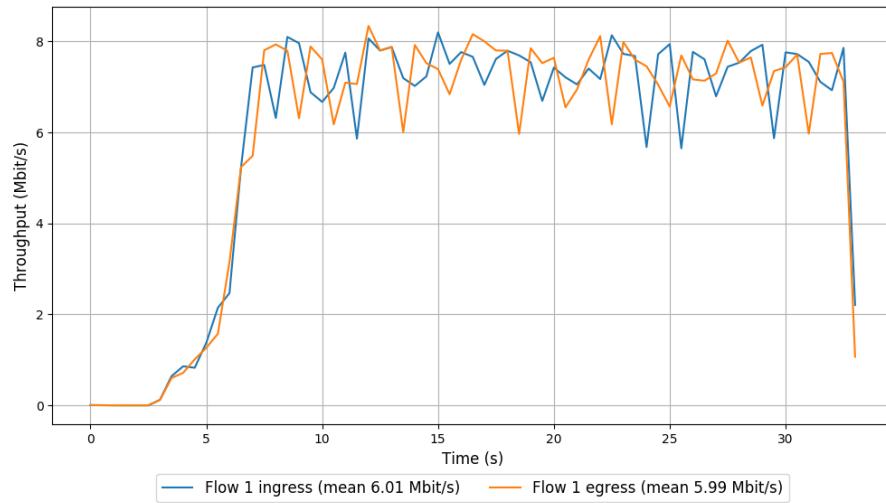


Run 6: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 22:51:21 +0000
End at: Tue, 13 Jun 2017 22:51:51 +0000
Local clock offset: 5.927 ms
Remote clock offset: -0.379 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.99 Mbit/s
95th percentile per-packet one-way delay: 52.728 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 5.99 Mbit/s
95th percentile per-packet one-way delay: 52.728 ms
Loss rate: 0.59%
```

## Run 6: Report of Sprout — Data Link

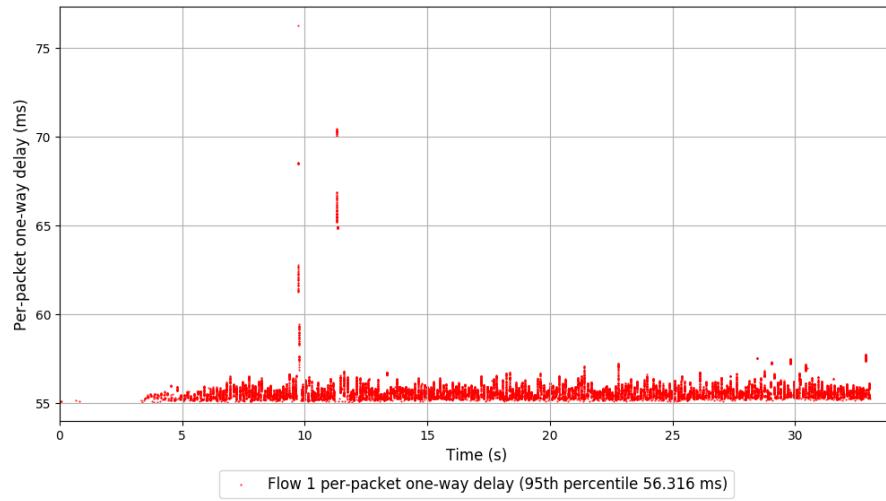
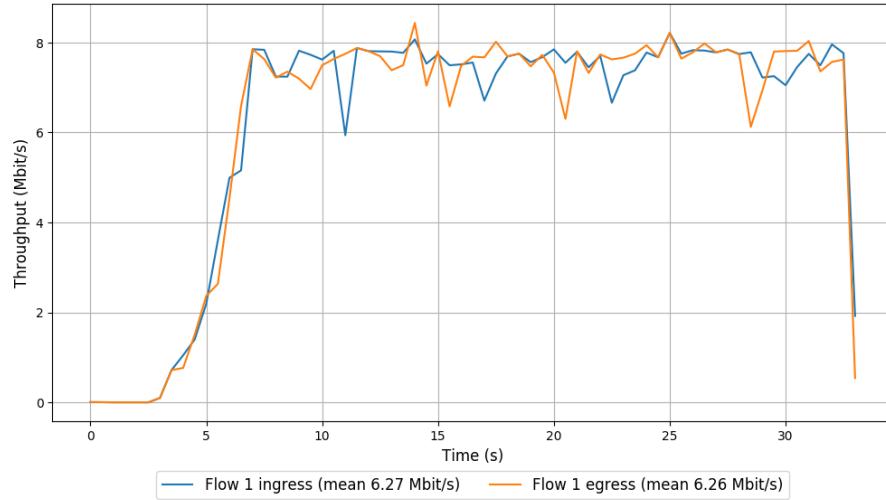


Run 7: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 23:08:36 +0000
End at: Tue, 13 Jun 2017 23:09:06 +0000
Local clock offset: 4.207 ms
Remote clock offset: 0.992 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 56.316 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 56.316 ms
Loss rate: 0.49%
```

## Run 7: Report of Sprout — Data Link

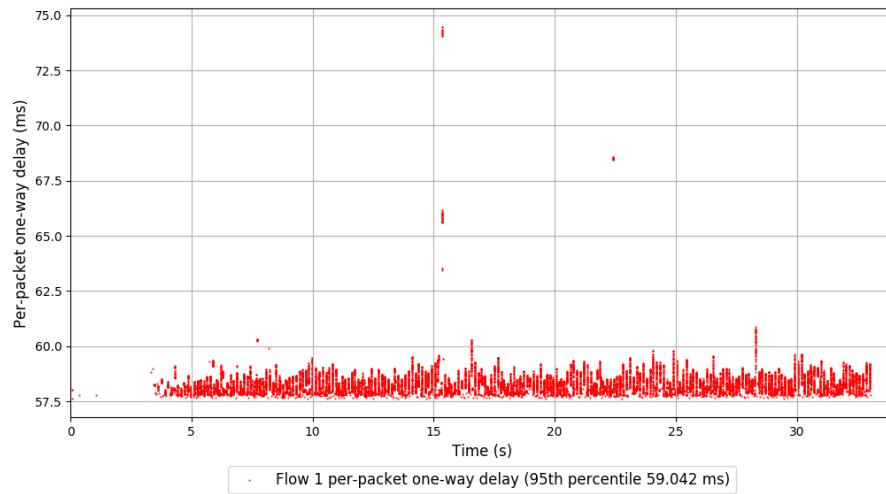
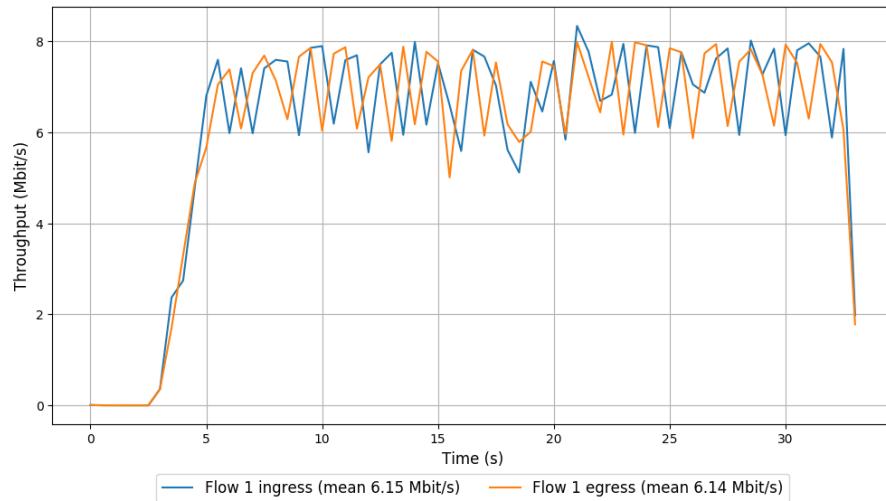


Run 8: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 23:26:01 +0000
End at: Tue, 13 Jun 2017 23:26:31 +0000
Local clock offset: 2.605 ms
Remote clock offset: 1.58 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 59.042 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 59.042 ms
Loss rate: 0.49%
```

## Run 8: Report of Sprout — Data Link

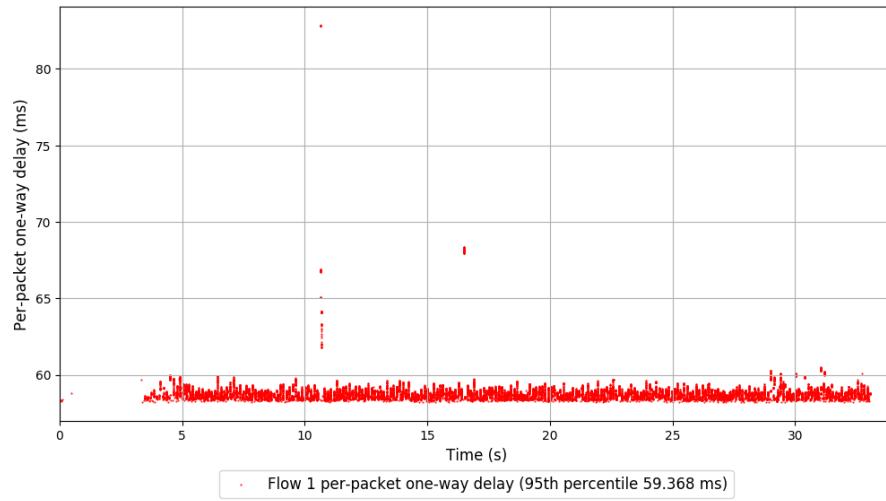
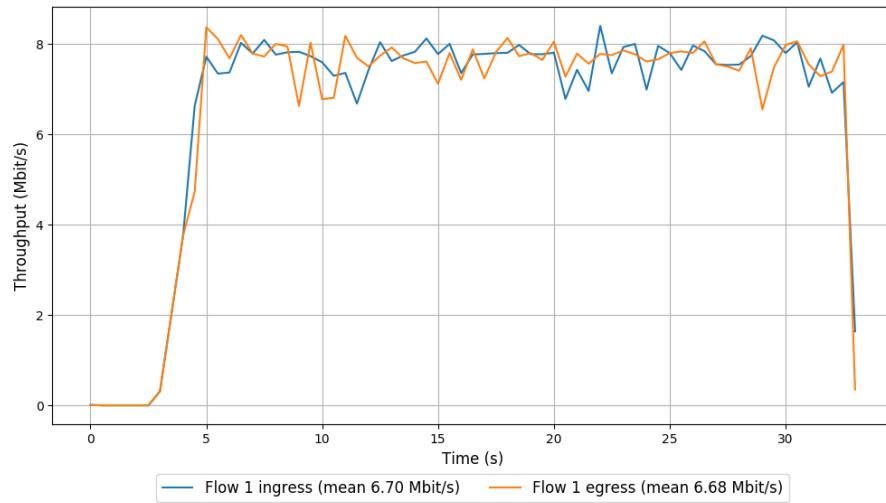


Run 9: Statistics of Sprout

```
Start at: Tue, 13 Jun 2017 23:43:35 +0000
End at: Tue, 13 Jun 2017 23:44:05 +0000
Local clock offset: 2.025 ms
Remote clock offset: 2.338 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.68 Mbit/s
95th percentile per-packet one-way delay: 59.368 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 6.68 Mbit/s
95th percentile per-packet one-way delay: 59.368 ms
Loss rate: 0.56%
```

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

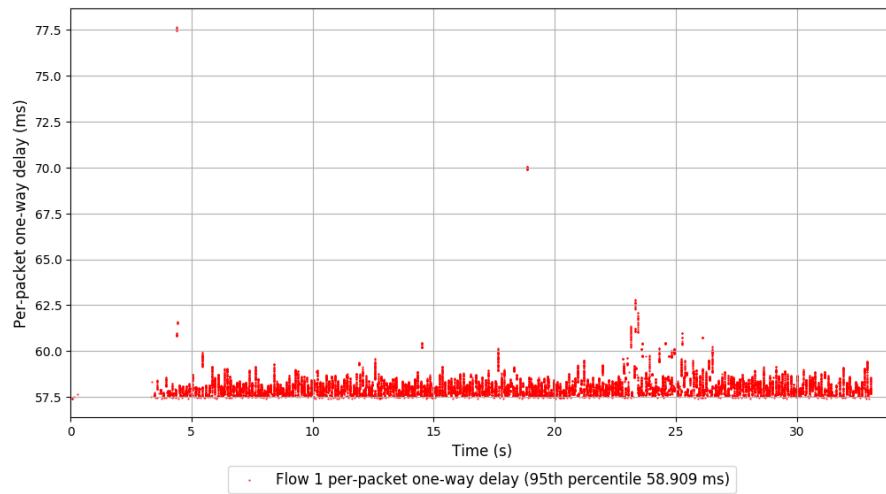
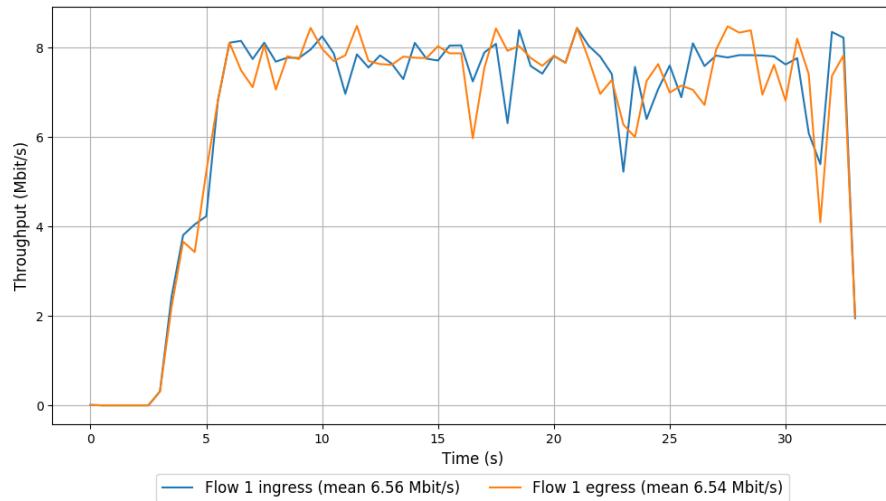


Run 10: Statistics of Sprout

```
Start at: Wed, 14 Jun 2017 00:00:42 +0000
End at: Wed, 14 Jun 2017 00:01:12 +0000
Local clock offset: 2.822 ms
Remote clock offset: 2.447 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 58.909 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 58.909 ms
Loss rate: 0.81%
```

## Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 21:27:48 +0000

End at: Tue, 13 Jun 2017 21:28:18 +0000

Local clock offset: 2.193 ms

Remote clock offset: -7.273 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.04 Mbit/s

95th percentile per-packet one-way delay: 59.591 ms

Loss rate: 12.71%

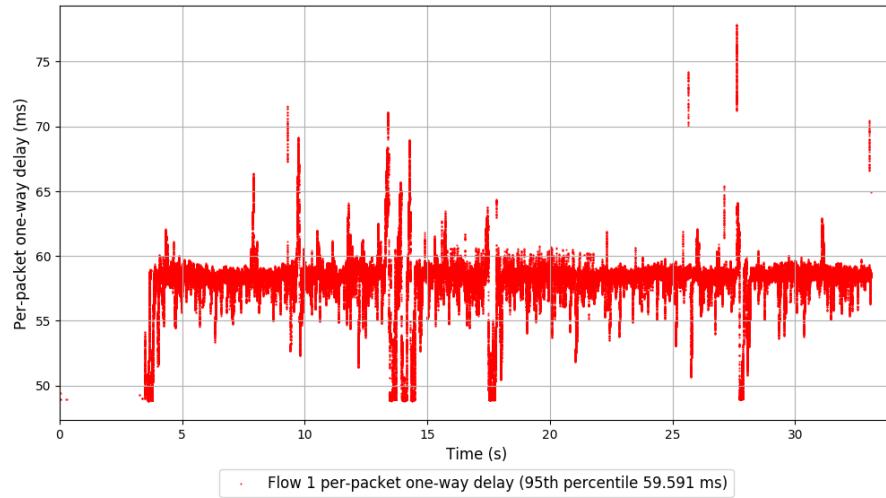
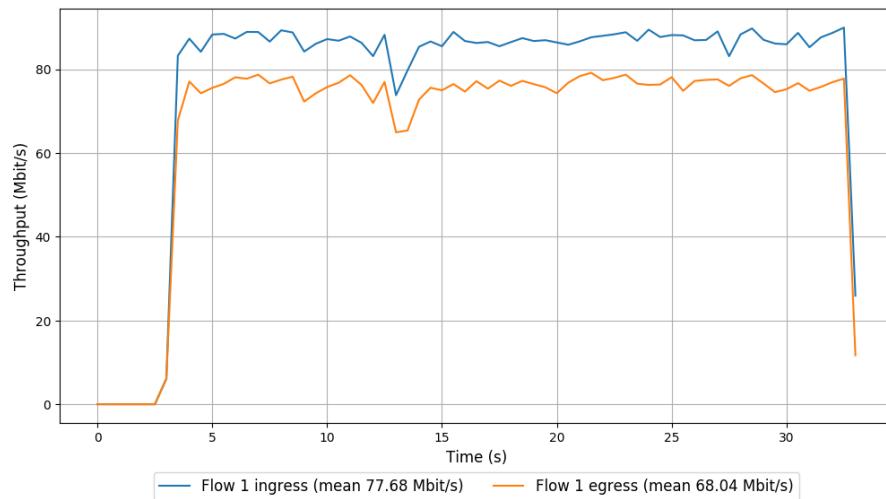
-- Flow 1:

Average throughput: 68.04 Mbit/s

95th percentile per-packet one-way delay: 59.591 ms

Loss rate: 12.71%

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

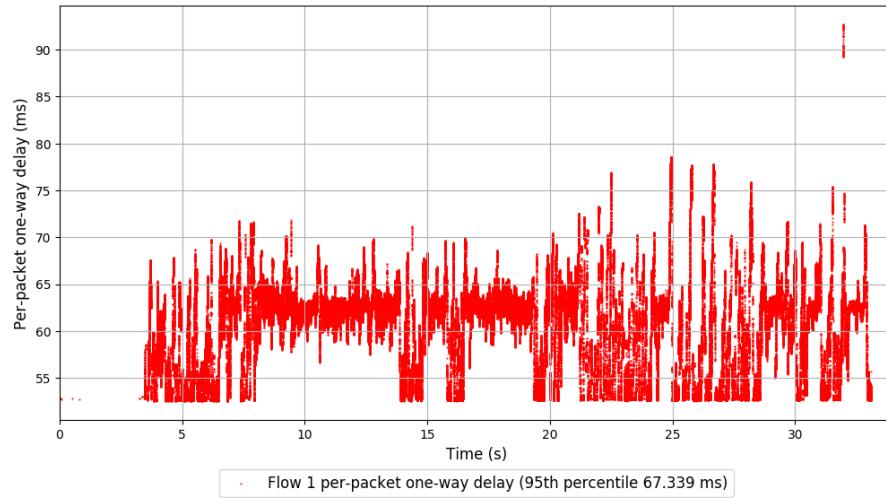
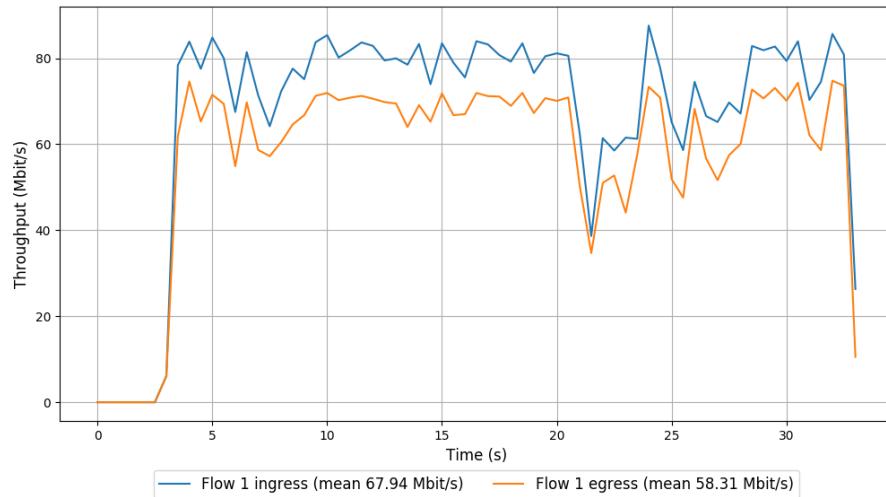


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 21:45:10 +0000
End at: Tue, 13 Jun 2017 21:45:40 +0000
Local clock offset: -0.699 ms
Remote clock offset: -6.182 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.31 Mbit/s
95th percentile per-packet one-way delay: 67.339 ms
Loss rate: 14.47%
-- Flow 1:
Average throughput: 58.31 Mbit/s
95th percentile per-packet one-way delay: 67.339 ms
Loss rate: 14.47%
```

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

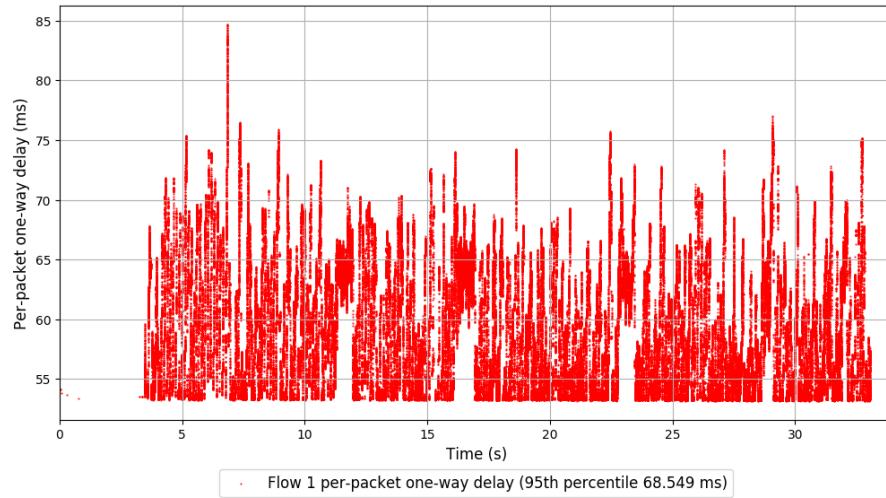
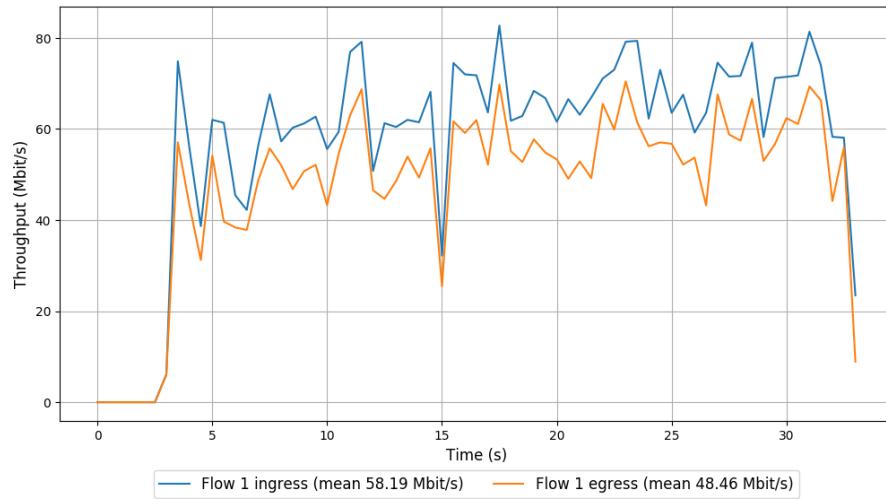


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 22:02:33 +0000
End at: Tue, 13 Jun 2017 22:03:03 +0000
Local clock offset: 0.227 ms
Remote clock offset: -4.674 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 68.549 ms
Loss rate: 17.01%
-- Flow 1:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 68.549 ms
Loss rate: 17.01%
```

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

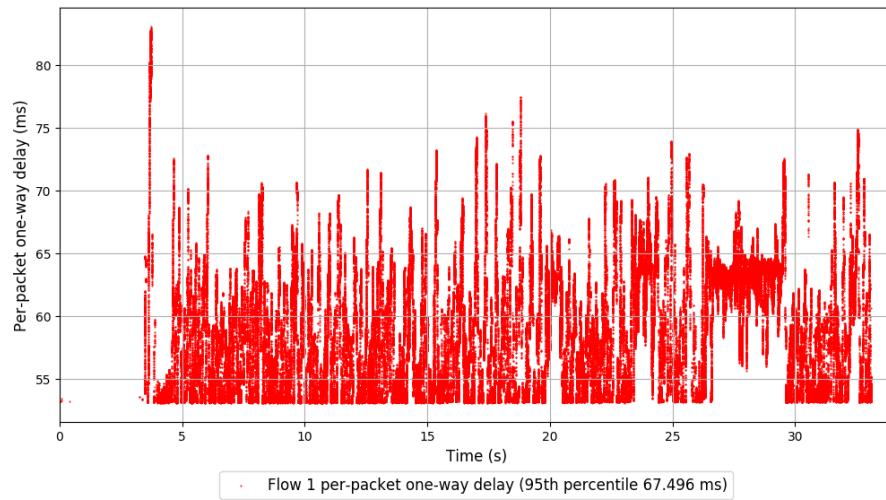
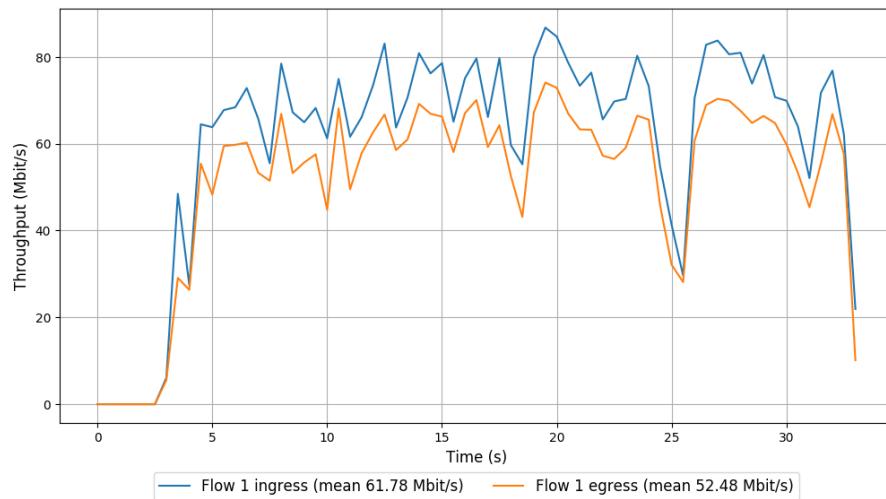


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 22:20:06 +0000
End at: Tue, 13 Jun 2017 22:20:36 +0000
Local clock offset: 2.093 ms
Remote clock offset: -2.902 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:56:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.48 Mbit/s
95th percentile per-packet one-way delay: 67.496 ms
Loss rate: 15.34%
-- Flow 1:
Average throughput: 52.48 Mbit/s
95th percentile per-packet one-way delay: 67.496 ms
Loss rate: 15.34%
```

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

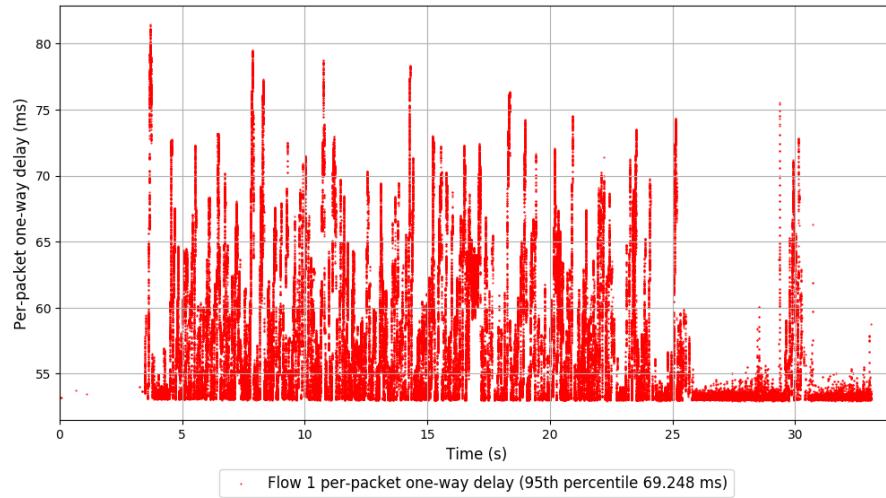
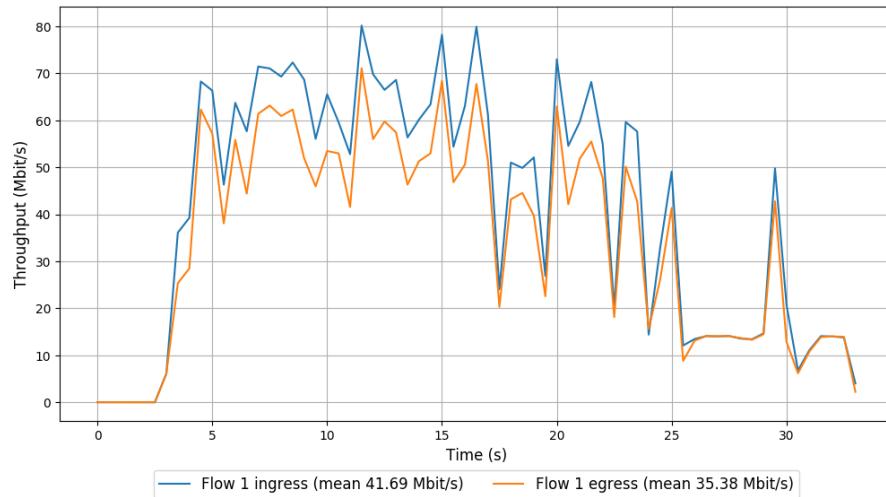


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 22:37:32 +0000
End at: Tue, 13 Jun 2017 22:38:02 +0000
Local clock offset: 3.519 ms
Remote clock offset: -1.118 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.38 Mbit/s
95th percentile per-packet one-way delay: 69.248 ms
Loss rate: 15.41%
-- Flow 1:
Average throughput: 35.38 Mbit/s
95th percentile per-packet one-way delay: 69.248 ms
Loss rate: 15.41%
```

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

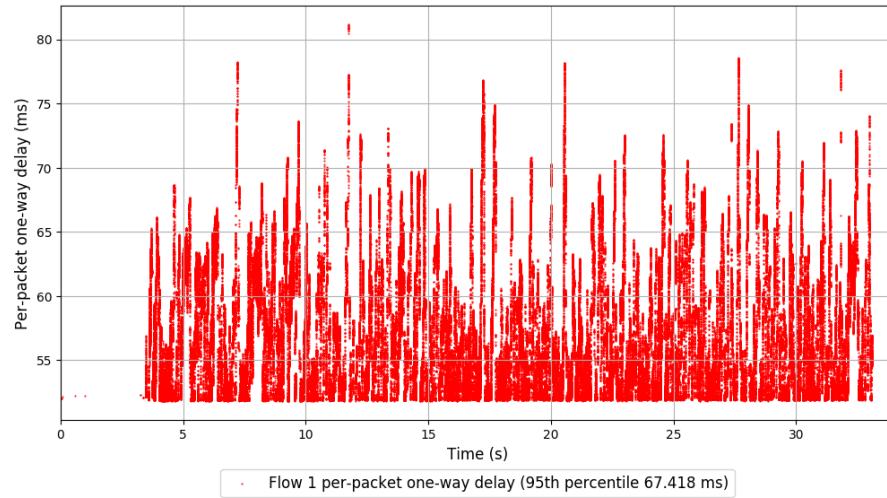
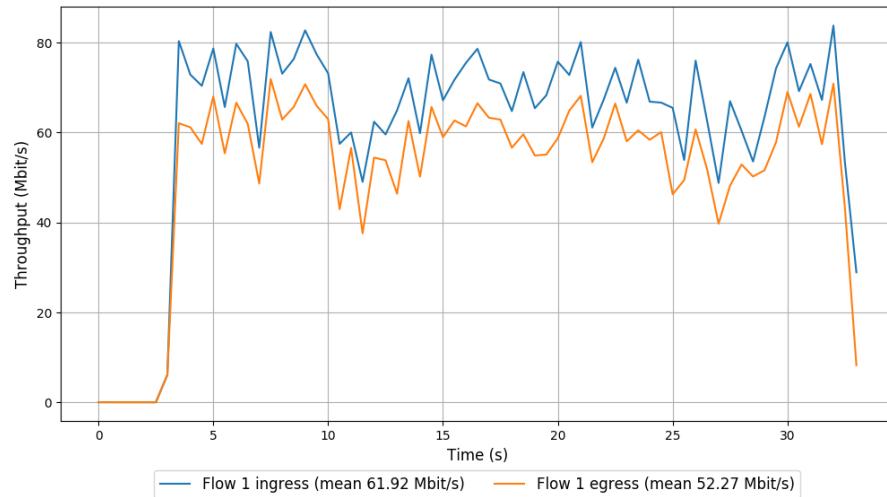


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 22:54:46 +0000
End at: Tue, 13 Jun 2017 22:55:16 +0000
Local clock offset: 5.869 ms
Remote clock offset: -0.154 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.27 Mbit/s
95th percentile per-packet one-way delay: 67.418 ms
Loss rate: 16.01%
-- Flow 1:
Average throughput: 52.27 Mbit/s
95th percentile per-packet one-way delay: 67.418 ms
Loss rate: 16.01%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 13 Jun 2017 23:12:01 +0000

End at: Tue, 13 Jun 2017 23:12:31 +0000

Local clock offset: 3.933 ms

Remote clock offset: 1.116 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.04 Mbit/s

95th percentile per-packet one-way delay: 71.239 ms

Loss rate: 16.99%

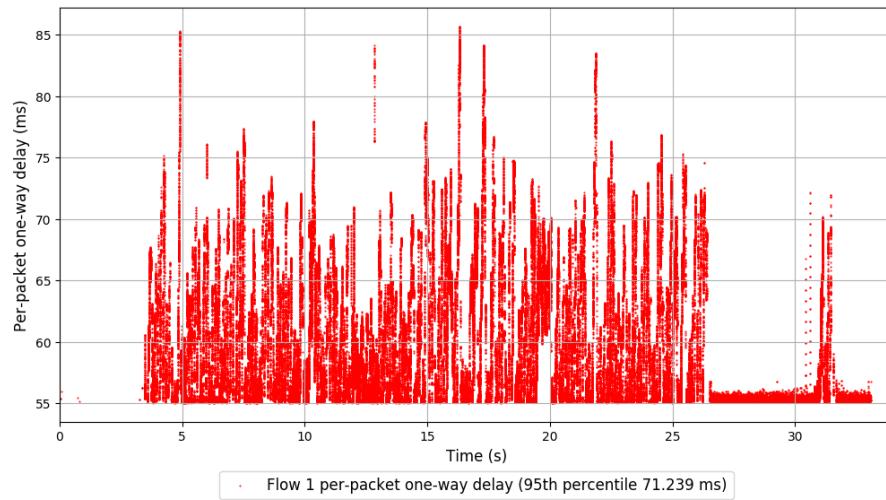
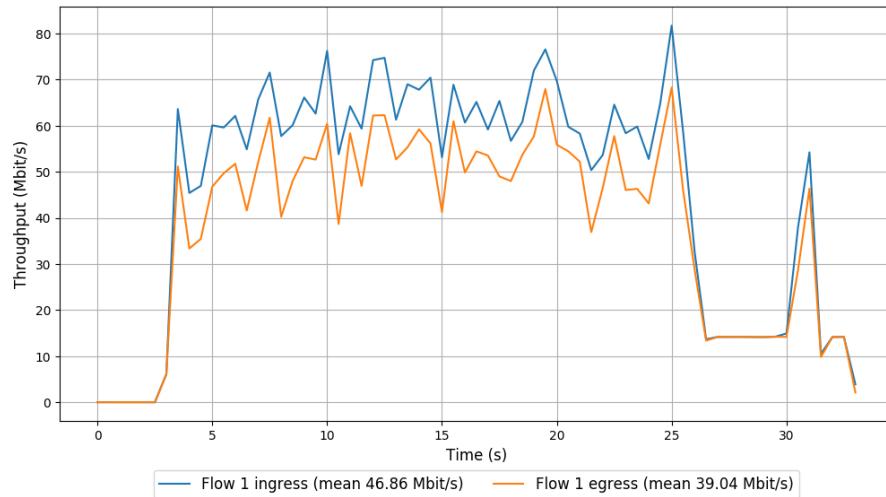
-- Flow 1:

Average throughput: 39.04 Mbit/s

95th percentile per-packet one-way delay: 71.239 ms

Loss rate: 16.99%

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

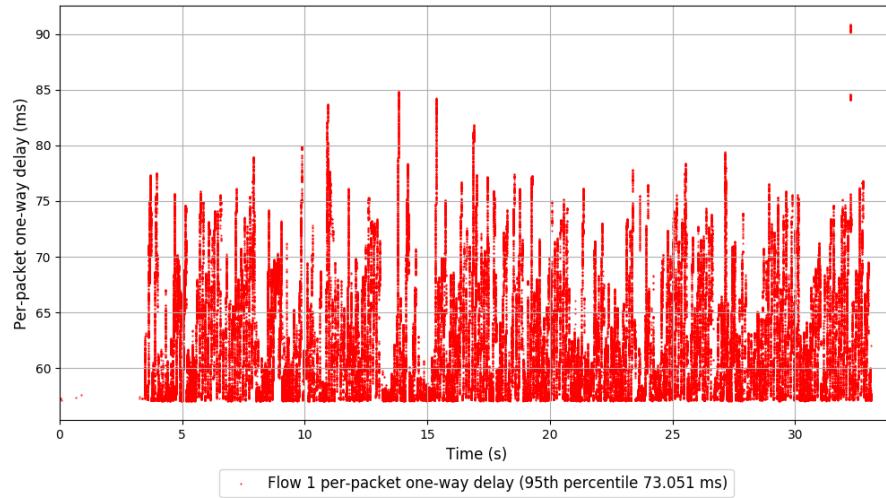
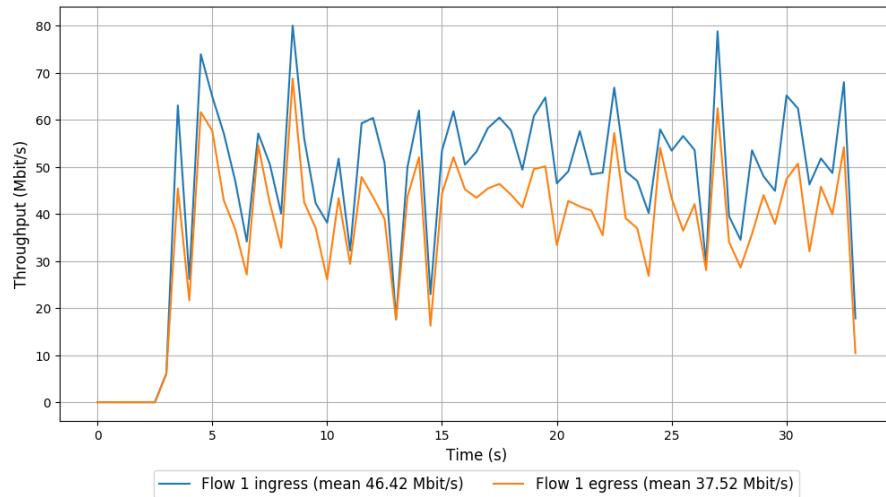


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 23:29:25 +0000
End at: Tue, 13 Jun 2017 23:29:55 +0000
Local clock offset: 2.428 ms
Remote clock offset: 1.571 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 73.051 ms
Loss rate: 19.45%
-- Flow 1:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 73.051 ms
Loss rate: 19.45%
```

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

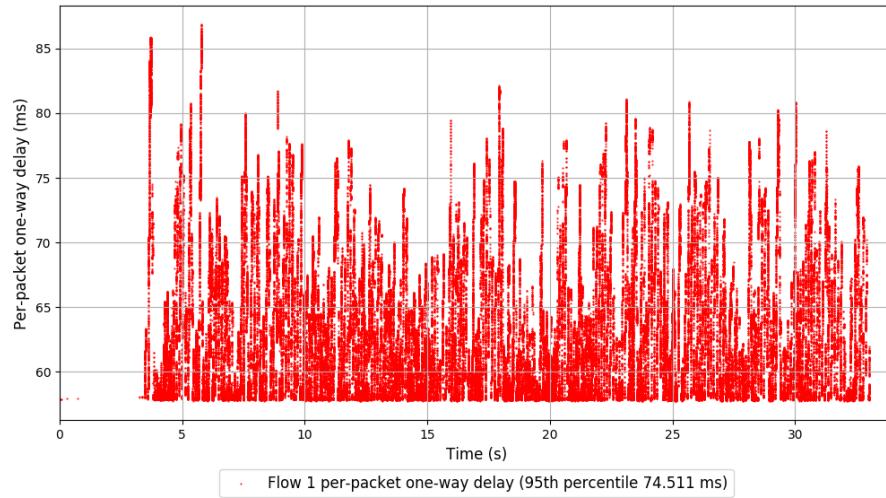
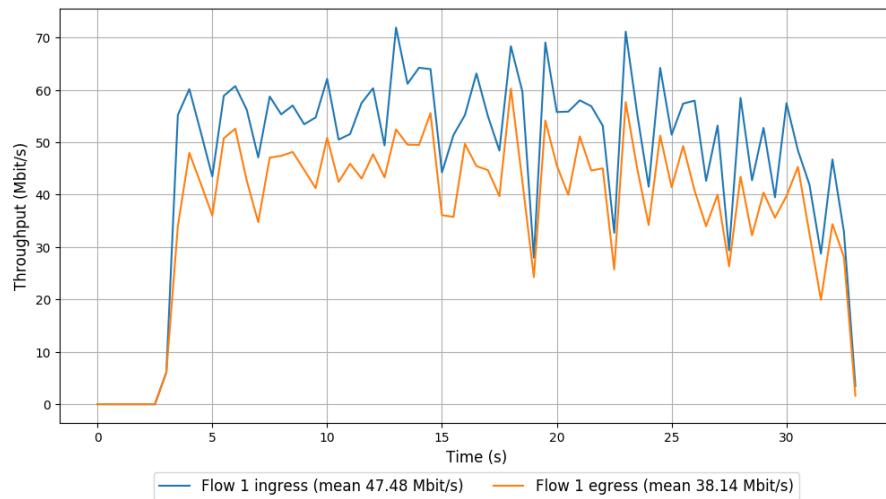


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 13 Jun 2017 23:47:00 +0000
End at: Tue, 13 Jun 2017 23:47:30 +0000
Local clock offset: 2.375 ms
Remote clock offset: 2.76 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.14 Mbit/s
95th percentile per-packet one-way delay: 74.511 ms
Loss rate: 20.04%
-- Flow 1:
Average throughput: 38.14 Mbit/s
95th percentile per-packet one-way delay: 74.511 ms
Loss rate: 20.04%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Wed, 14 Jun 2017 00:04:13 +0000

End at: Wed, 14 Jun 2017 00:04:43 +0000

Local clock offset: 2.713 ms

Remote clock offset: 3.058 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.95 Mbit/s

95th percentile per-packet one-way delay: 72.715 ms

Loss rate: 16.44%

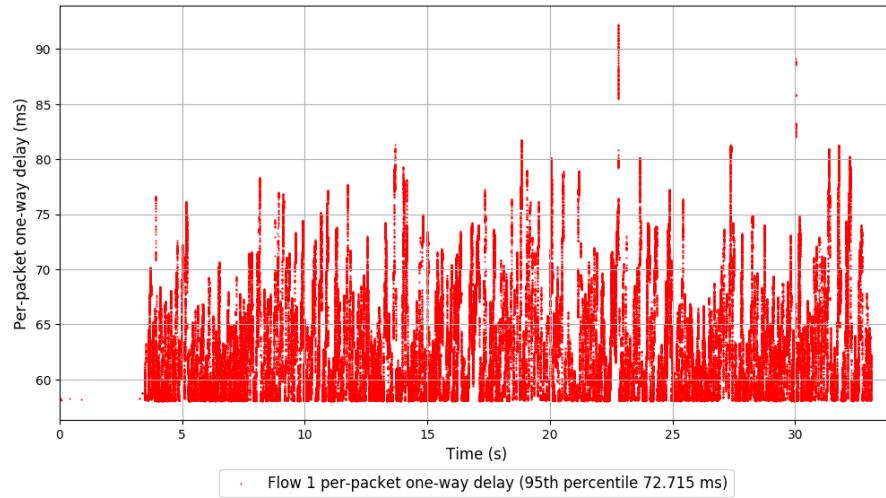
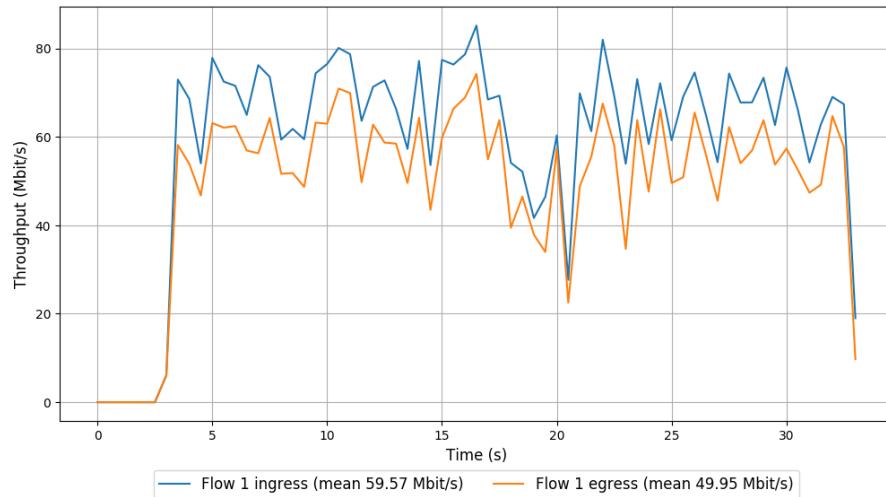
-- Flow 1:

Average throughput: 49.95 Mbit/s

95th percentile per-packet one-way delay: 72.715 ms

Loss rate: 16.44%

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

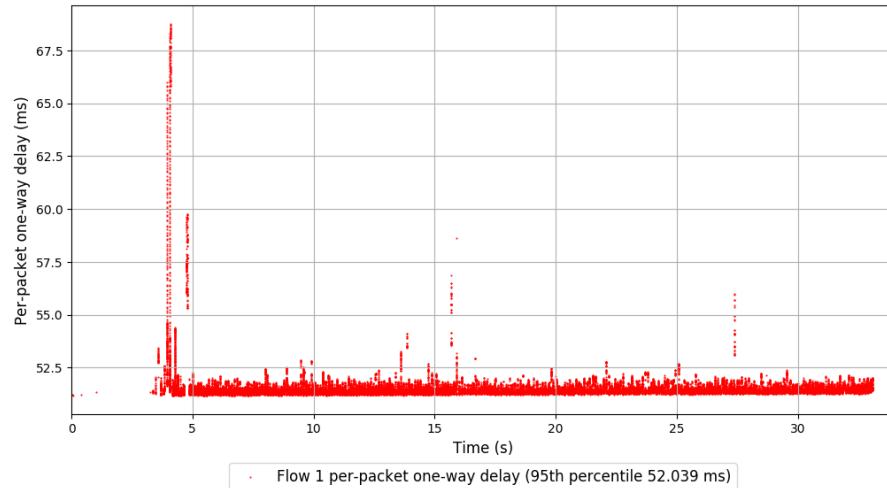
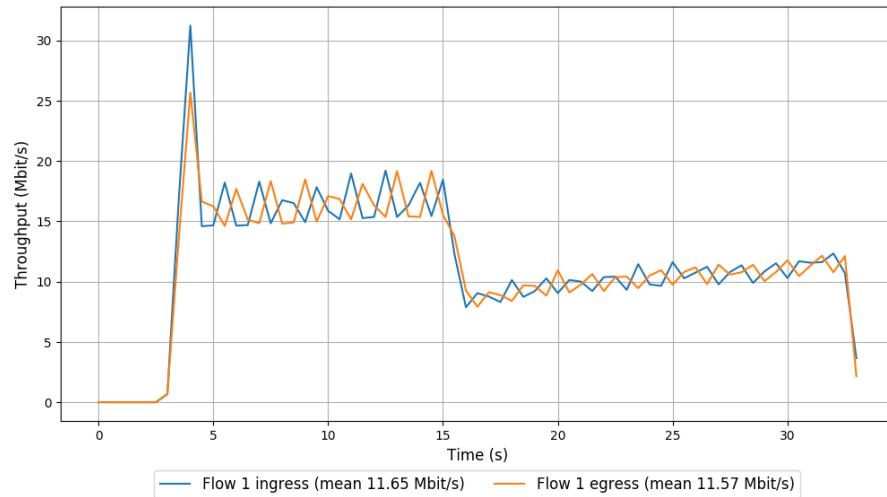


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 21:37:11 +0000
End at: Tue, 13 Jun 2017 21:37:41 +0000
Local clock offset: 0.08 ms
Remote clock offset: -6.829 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 52.039 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 52.039 ms
Loss rate: 1.03%
```

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

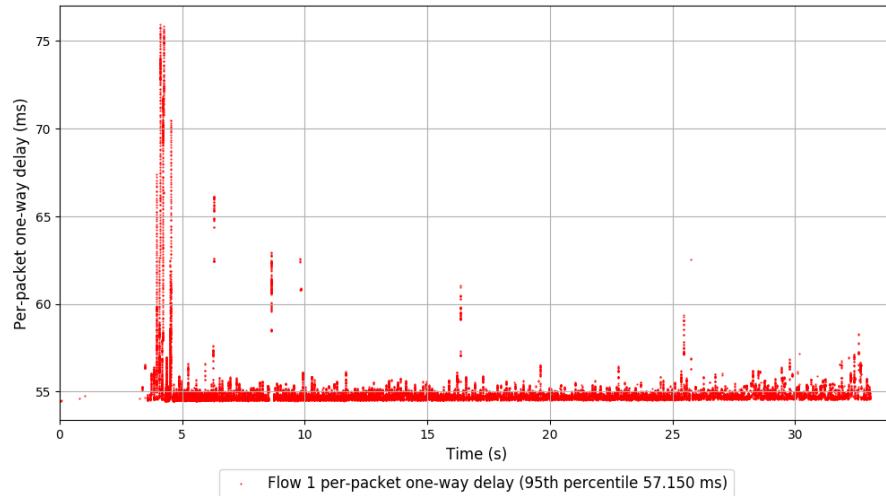
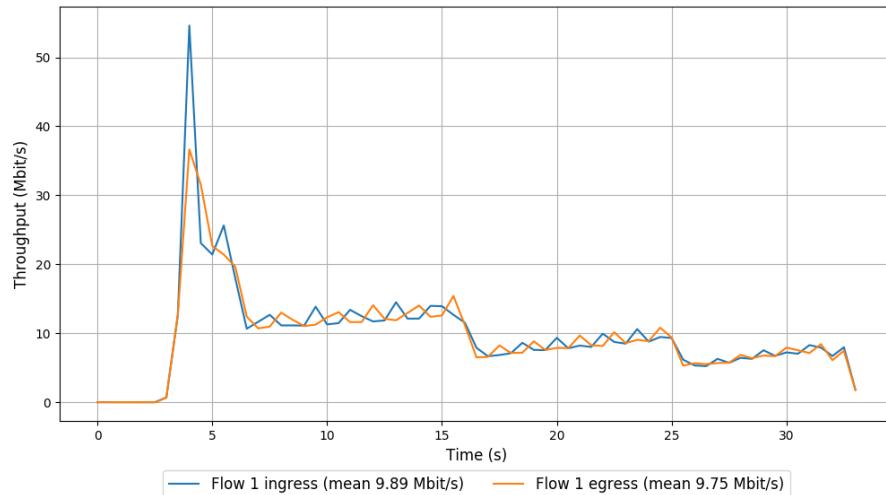


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 21:54:37 +0000
End at: Tue, 13 Jun 2017 21:55:07 +0000
Local clock offset: -1.123 ms
Remote clock offset: -5.429 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 57.150 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 57.150 ms
Loss rate: 1.77%
```

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

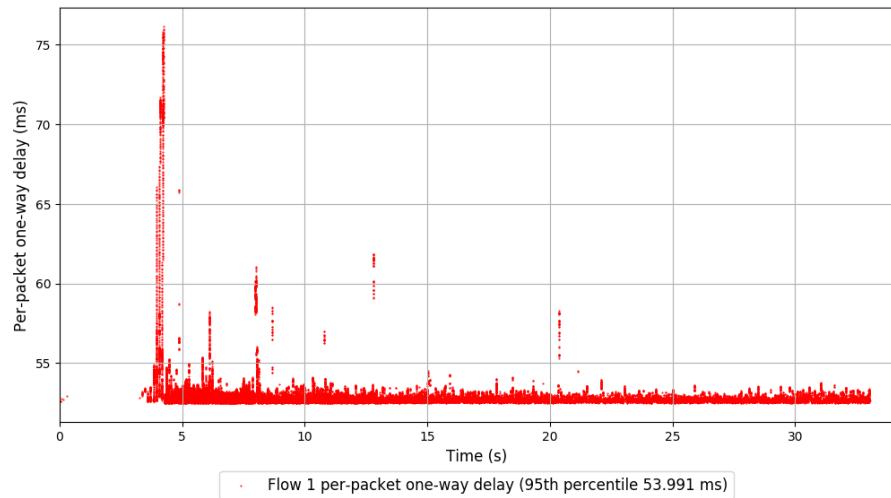
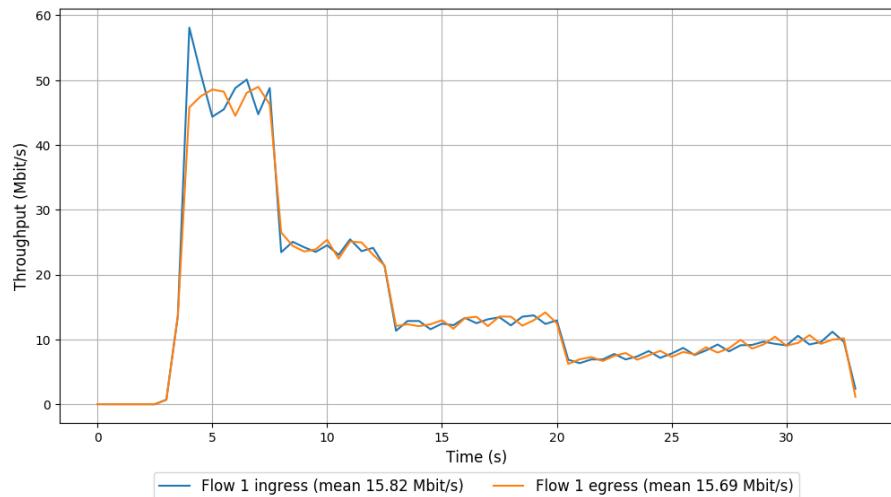


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 22:12:08 +0000
End at: Tue, 13 Jun 2017 22:12:38 +0000
Local clock offset: 1.942 ms
Remote clock offset: -3.101 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.69 Mbit/s
95th percentile per-packet one-way delay: 53.991 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 15.69 Mbit/s
95th percentile per-packet one-way delay: 53.991 ms
Loss rate: 1.12%
```

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

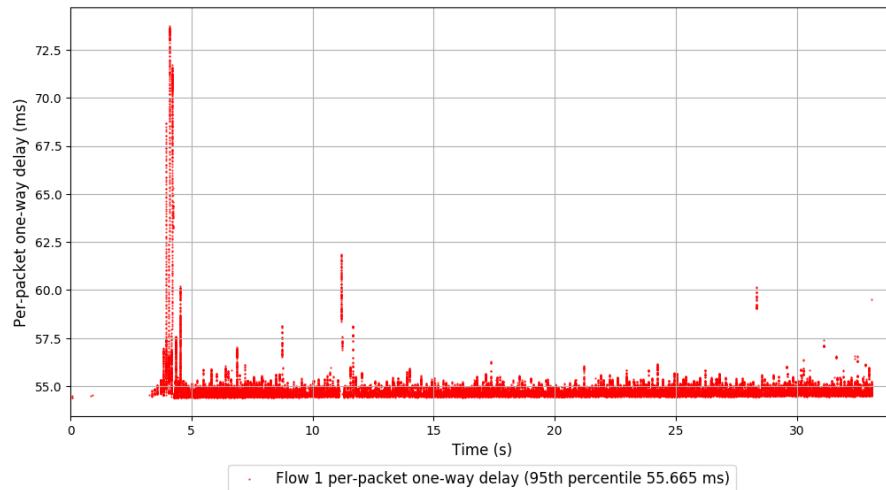
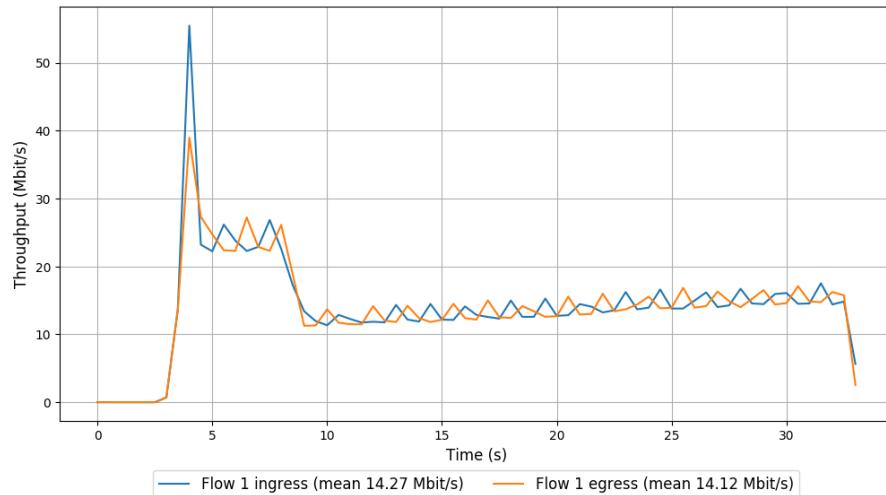


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 22:29:35 +0000
End at: Tue, 13 Jun 2017 22:30:05 +0000
Local clock offset: 1.769 ms
Remote clock offset: -2.157 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 55.665 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 55.665 ms
Loss rate: 1.39%
```

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

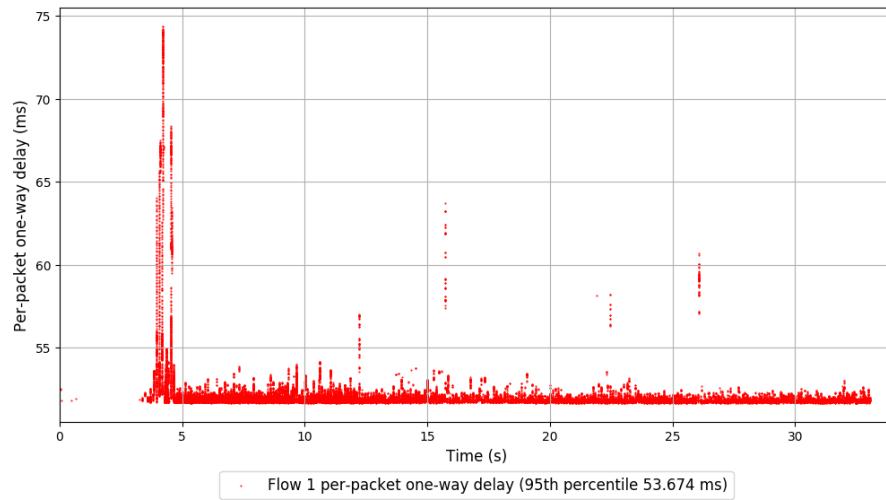
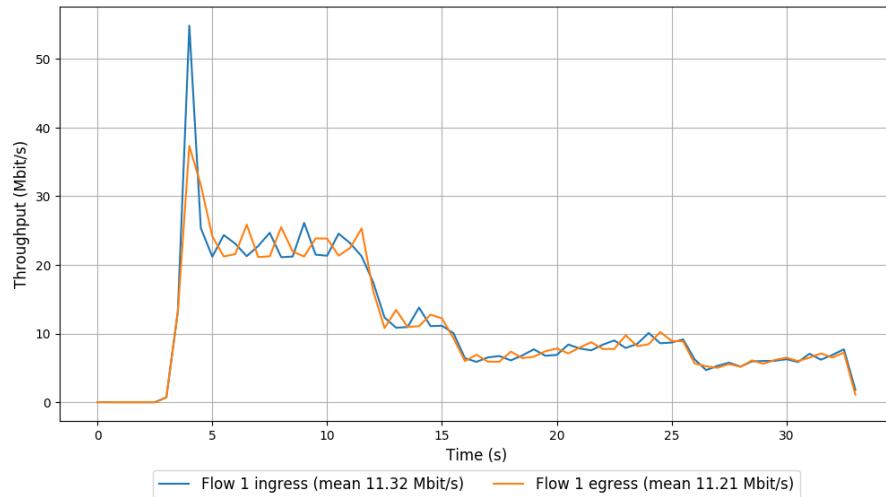


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 22:46:50 +0000
End at: Tue, 13 Jun 2017 22:47:20 +0000
Local clock offset: 5.502 ms
Remote clock offset: -0.703 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.21 Mbit/s
95th percentile per-packet one-way delay: 53.674 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 11.21 Mbit/s
95th percentile per-packet one-way delay: 53.674 ms
Loss rate: 1.39%
```

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

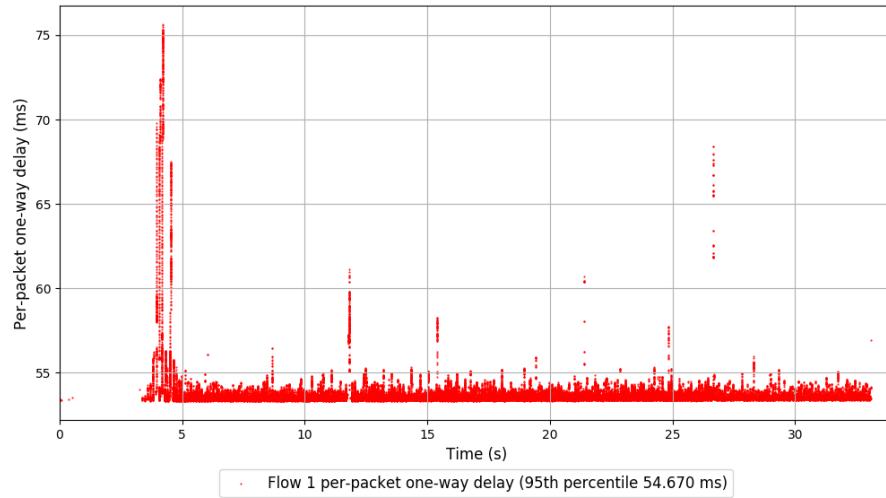
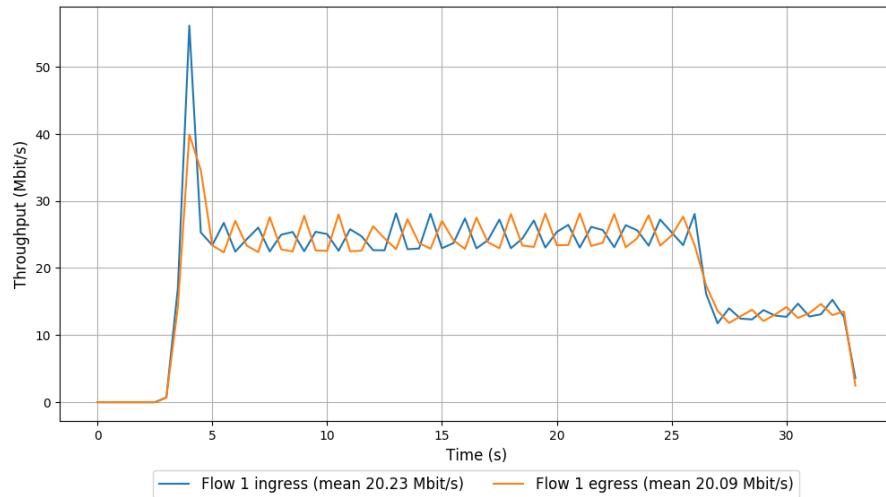


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 23:04:04 +0000
End at: Tue, 13 Jun 2017 23:04:34 +0000
Local clock offset: 5.386 ms
Remote clock offset: 0.165 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 54.670 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 54.670 ms
Loss rate: 1.00%
```

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



Run 7: Statistics of TCP Vegas

Start at: Tue, 13 Jun 2017 23:21:27 +0000

End at: Tue, 13 Jun 2017 23:21:57 +0000

Local clock offset: 2.978 ms

Remote clock offset: 1.535 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.70 Mbit/s

95th percentile per-packet one-way delay: 57.588 ms

Loss rate: 0.59%

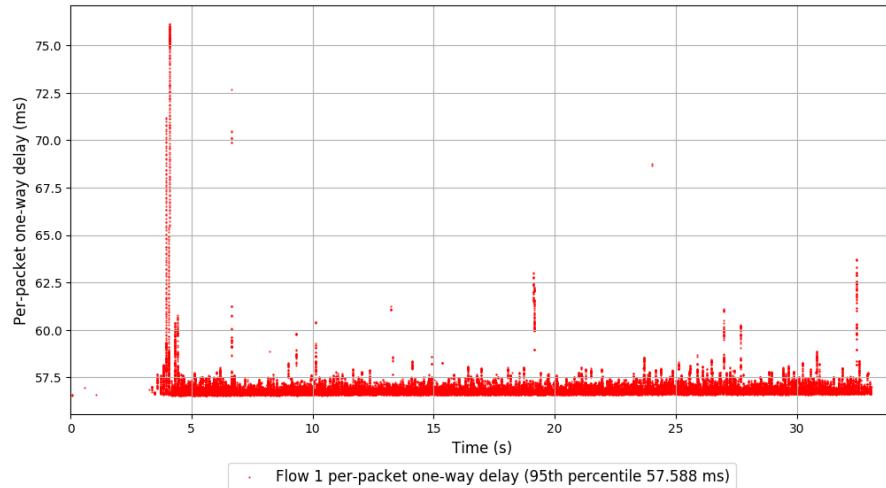
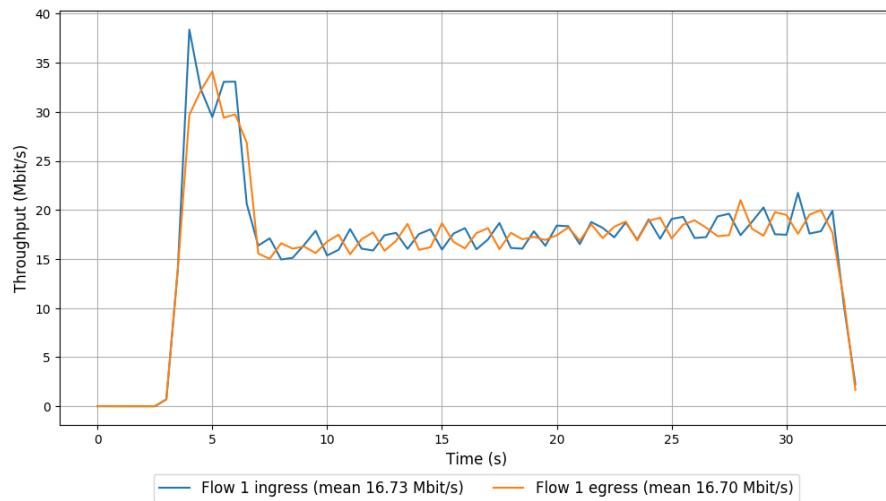
-- Flow 1:

Average throughput: 16.70 Mbit/s

95th percentile per-packet one-way delay: 57.588 ms

Loss rate: 0.59%

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

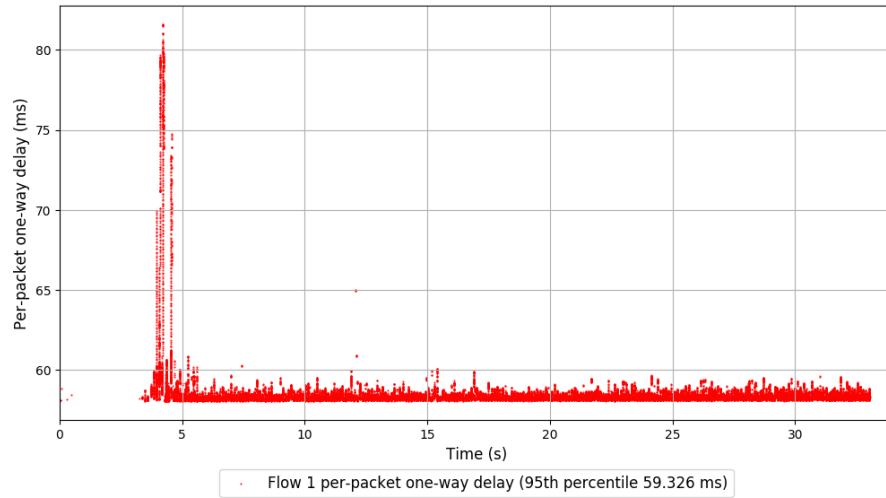
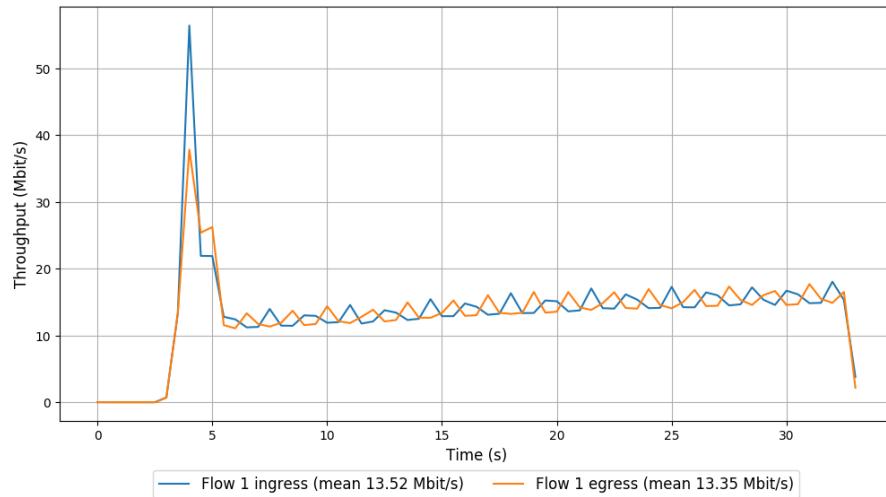


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 23:39:04 +0000
End at: Tue, 13 Jun 2017 23:39:34 +0000
Local clock offset: 1.823 ms
Remote clock offset: 2.157 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.35 Mbit/s
95th percentile per-packet one-way delay: 59.326 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 13.35 Mbit/s
95th percentile per-packet one-way delay: 59.326 ms
Loss rate: 1.61%
```

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

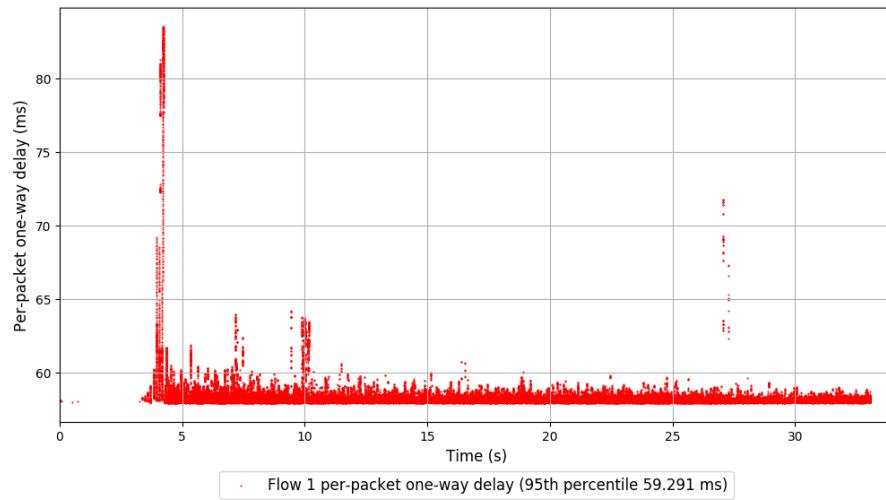
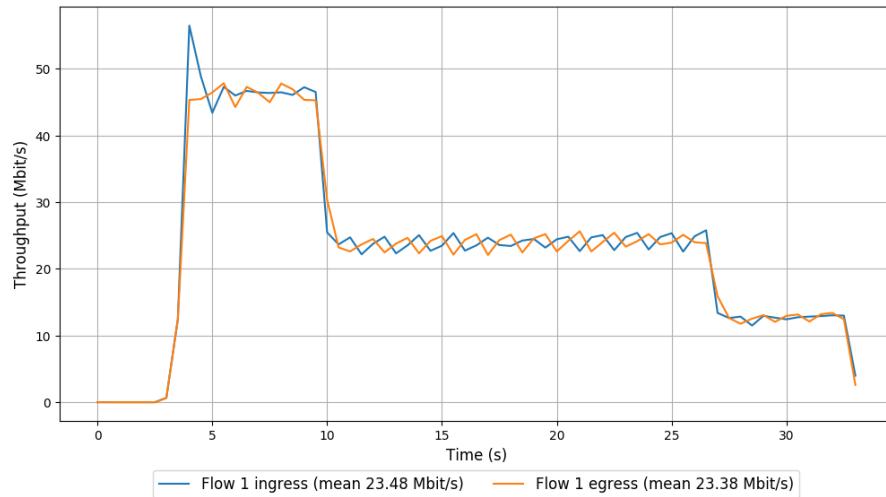


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 13 Jun 2017 23:56:09 +0000
End at: Tue, 13 Jun 2017 23:56:39 +0000
Local clock offset: 2.651 ms
Remote clock offset: 2.667 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 59.291 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 59.291 ms
Loss rate: 0.75%
```

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

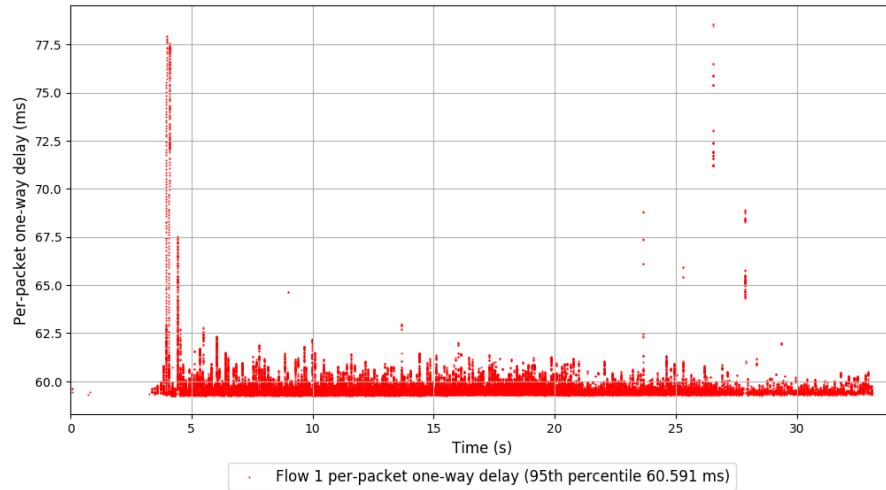
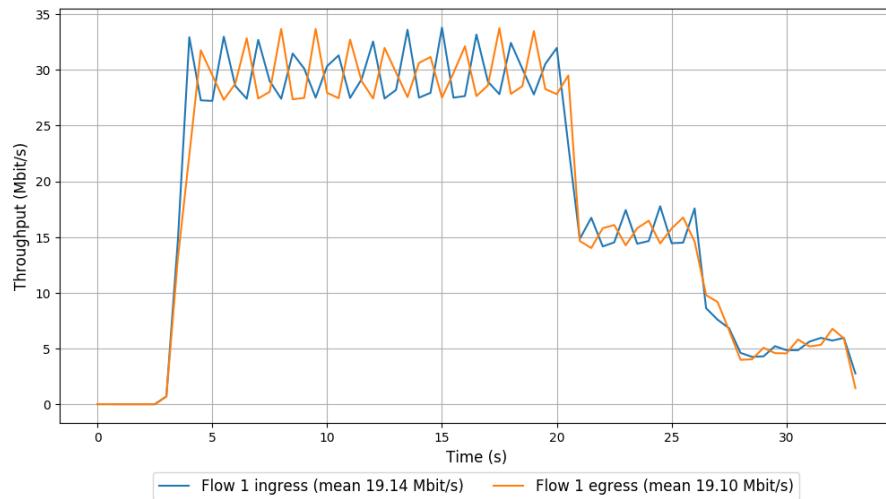


Run 10: Statistics of TCP Vegas

```
Start at: Wed, 14 Jun 2017 00:13:48 +0000
End at: Wed, 14 Jun 2017 00:14:18 +0000
Local clock offset: 2.293 ms
Remote clock offset: 3.086 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.10 Mbit/s
95th percentile per-packet one-way delay: 60.591 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 19.10 Mbit/s
95th percentile per-packet one-way delay: 60.591 ms
Loss rate: 0.57%
```

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

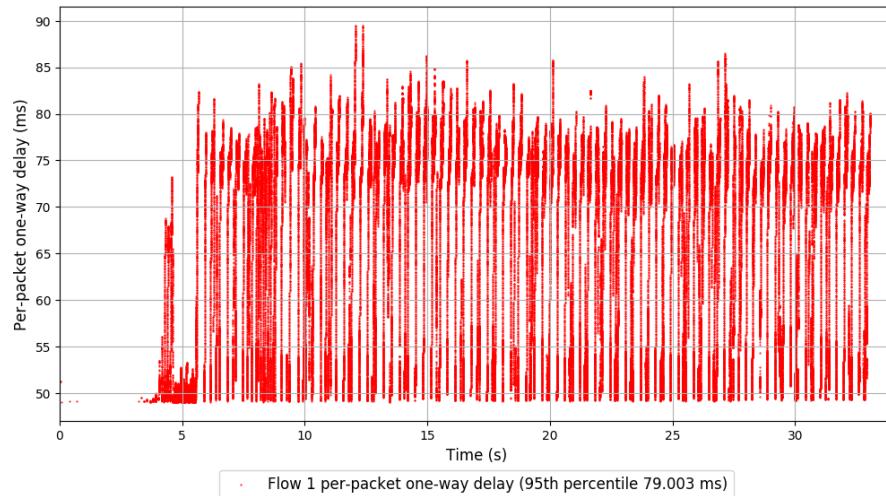
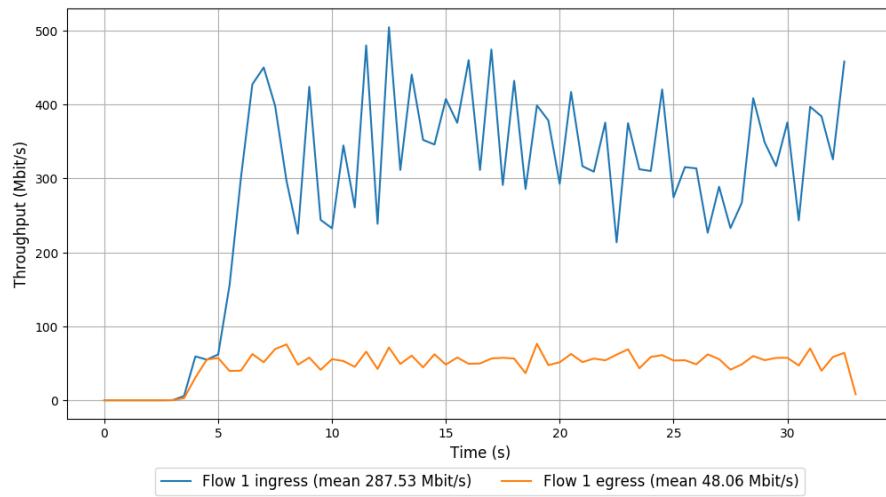


Run 1: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 21:30:17 +0000
End at: Tue, 13 Jun 2017 21:30:47 +0000
Local clock offset: 1.32 ms
Remote clock offset: -7.197 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:57:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 79.003 ms
Loss rate: 83.27%
-- Flow 1:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 79.003 ms
Loss rate: 83.27%
```

## Run 1: Report of Verus — Data Link

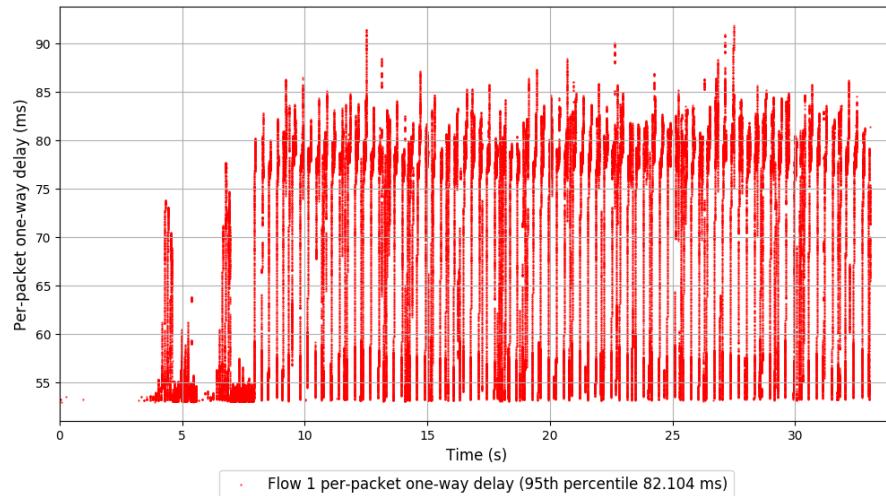
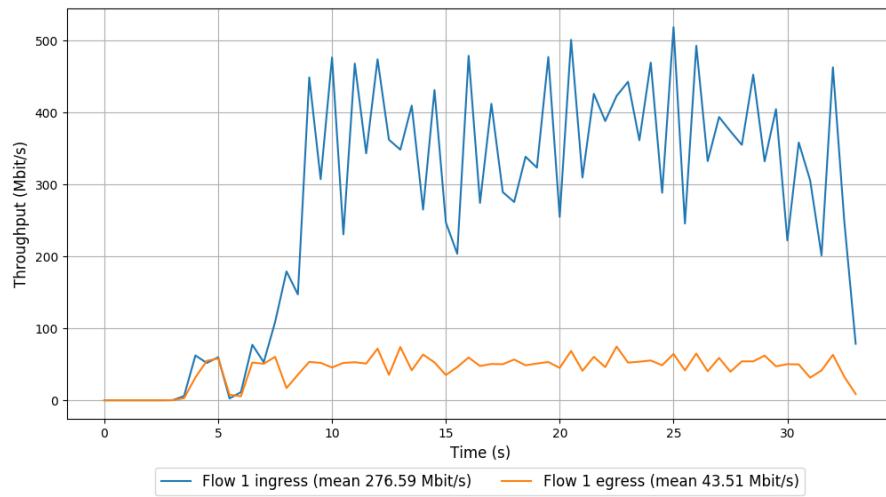


Run 2: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 21:47:36 +0000
End at: Tue, 13 Jun 2017 21:48:06 +0000
Local clock offset: -0.811 ms
Remote clock offset: -5.952 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.51 Mbit/s
95th percentile per-packet one-way delay: 82.104 ms
Loss rate: 84.28%
-- Flow 1:
Average throughput: 43.51 Mbit/s
95th percentile per-packet one-way delay: 82.104 ms
Loss rate: 84.28%
```

## Run 2: Report of Verus — Data Link

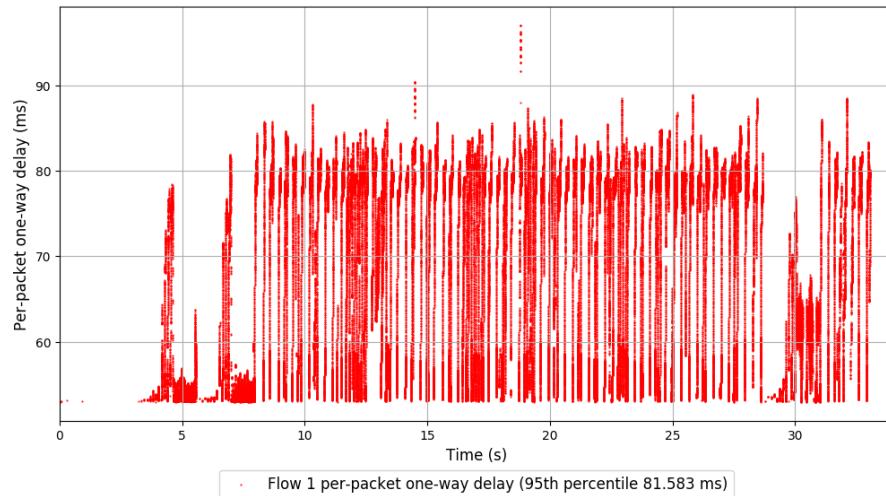
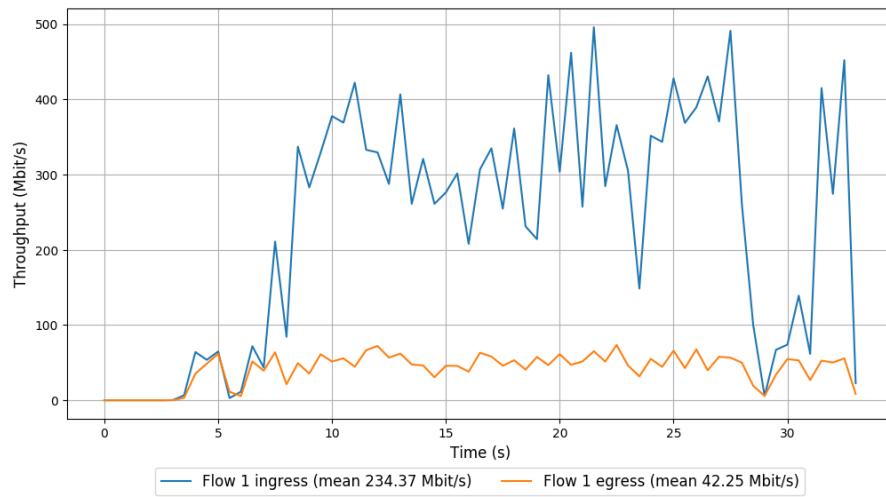


Run 3: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 22:05:03 +0000
End at: Tue, 13 Jun 2017 22:05:33 +0000
Local clock offset: 0.841 ms
Remote clock offset: -4.307 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.25 Mbit/s
95th percentile per-packet one-way delay: 81.583 ms
Loss rate: 82.03%
-- Flow 1:
Average throughput: 42.25 Mbit/s
95th percentile per-packet one-way delay: 81.583 ms
Loss rate: 82.03%
```

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

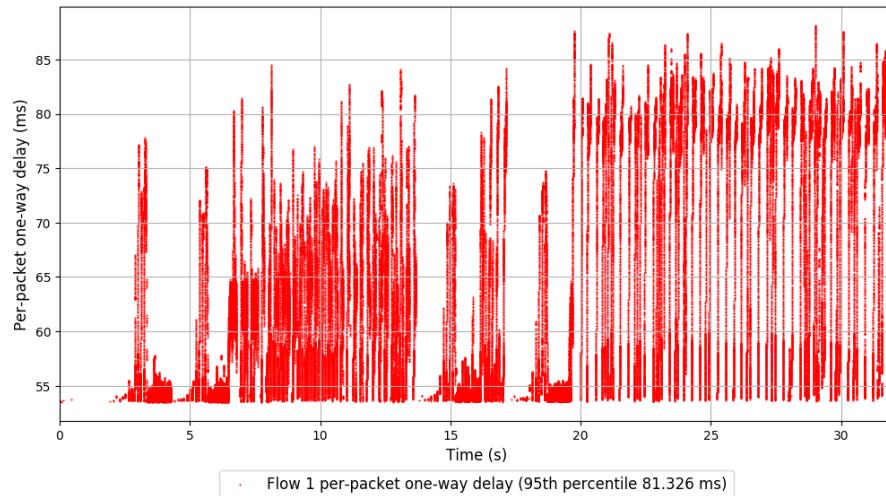
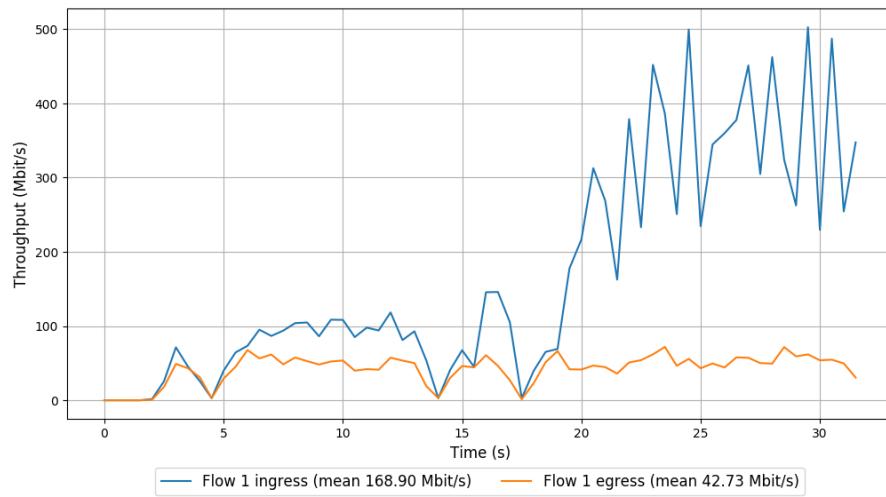


Run 4: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 22:22:32 +0000
End at: Tue, 13 Jun 2017 22:23:02 +0000
Local clock offset: 1.982 ms
Remote clock offset: -2.151 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.73 Mbit/s
95th percentile per-packet one-way delay: 81.326 ms
Loss rate: 74.87%
-- Flow 1:
Average throughput: 42.73 Mbit/s
95th percentile per-packet one-way delay: 81.326 ms
Loss rate: 74.87%
```

## Run 4: Report of Verus — Data Link

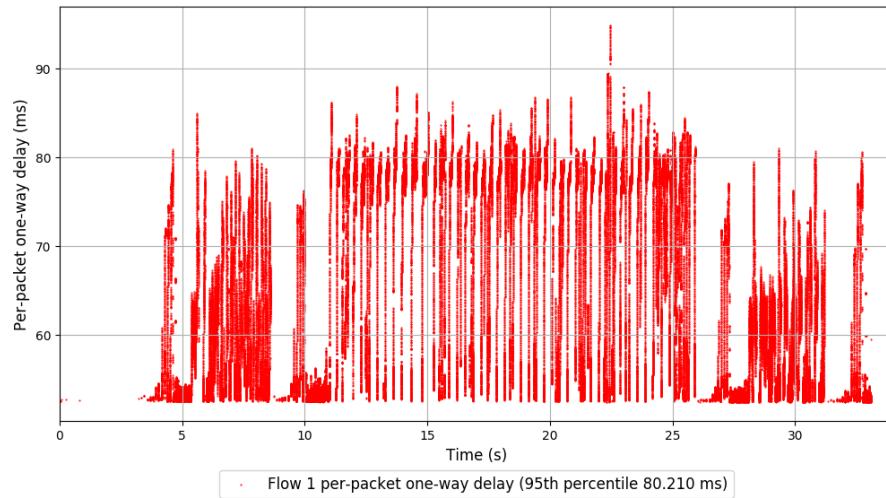
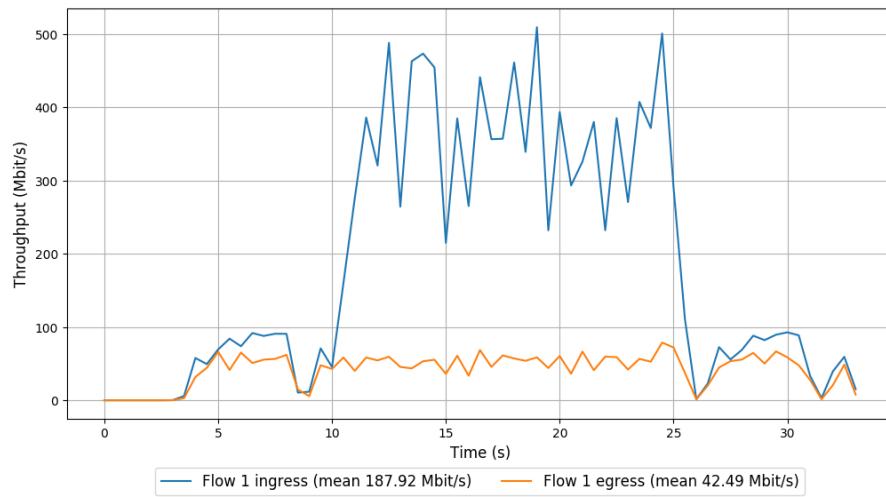


Run 5: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 22:39:53 +0000
End at: Tue, 13 Jun 2017 22:40:23 +0000
Local clock offset: 4.178 ms
Remote clock offset: -1.356 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.49 Mbit/s
95th percentile per-packet one-way delay: 80.210 ms
Loss rate: 77.46%
-- Flow 1:
Average throughput: 42.49 Mbit/s
95th percentile per-packet one-way delay: 80.210 ms
Loss rate: 77.46%
```

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

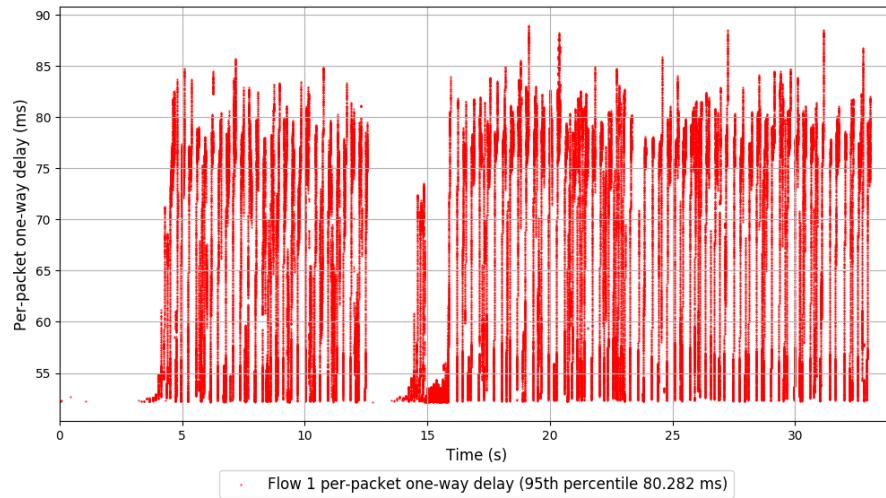
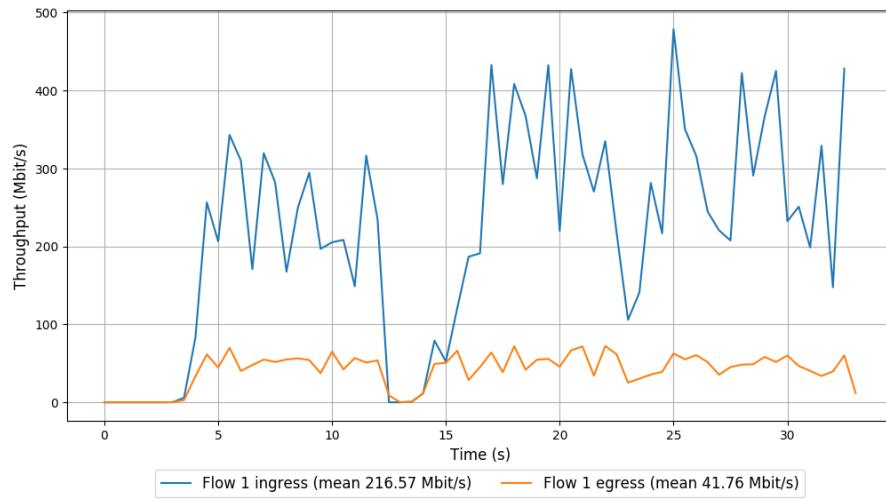


Run 6: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 22:57:12 +0000
End at: Tue, 13 Jun 2017 22:57:42 +0000
Local clock offset: 5.772 ms
Remote clock offset: 0.25 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 80.282 ms
Loss rate: 80.70%
-- Flow 1:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 80.282 ms
Loss rate: 80.70%
```

## Run 6: Report of Verus — Data Link



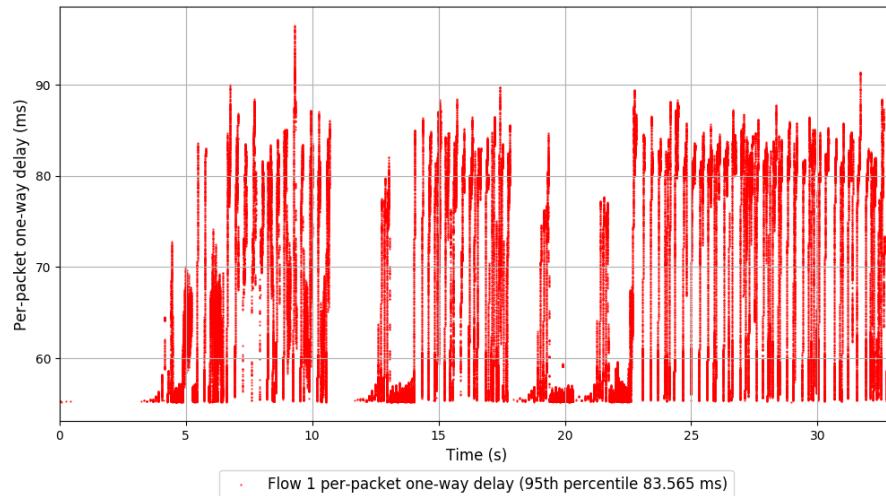
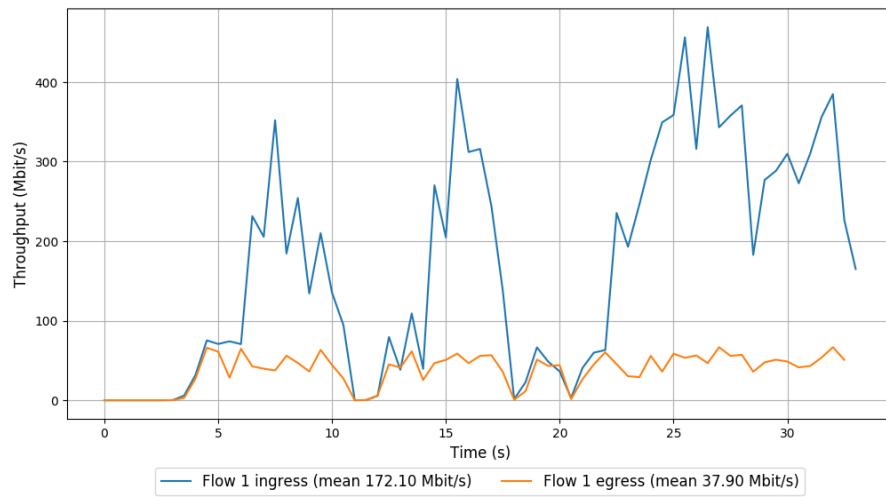
Run 7: Statistics of Verus

Start at: Tue, 13 Jun 2017 23:14:24 +0000  
End at: Tue, 13 Jun 2017 23:14:54 +0000

Local clock offset: 3.656 ms  
Remote clock offset: 1.54 ms

```
# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 83.565 ms
Loss rate: 78.17%
-- Flow 1:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 83.565 ms
Loss rate: 78.17%
```

Run 7: Report of Verus — Data Link

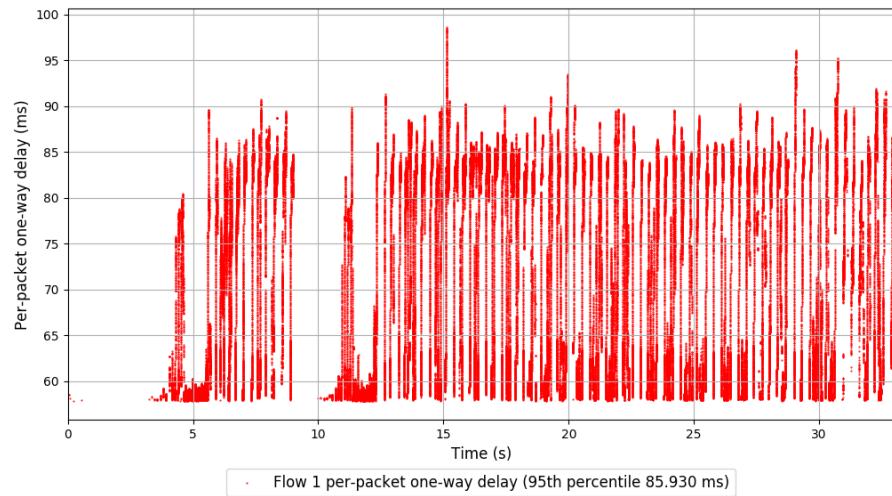
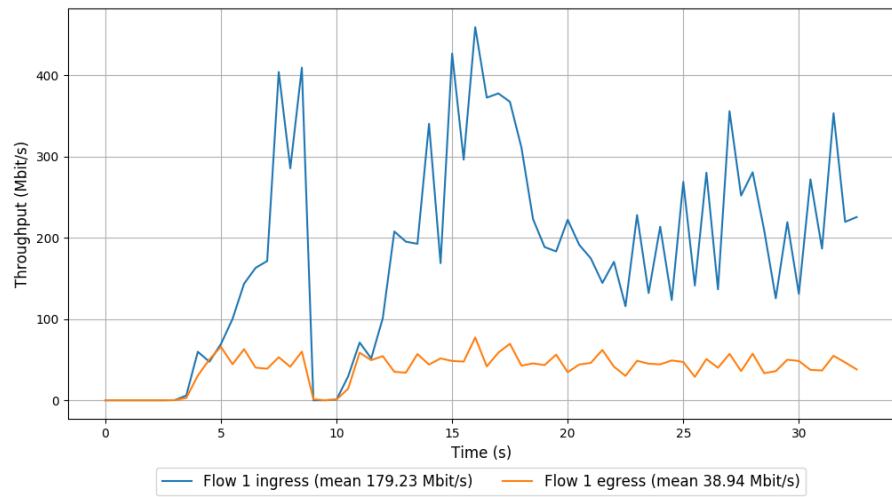


Run 8: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 23:32:01 +0000
End at: Tue, 13 Jun 2017 23:32:31 +0000
Local clock offset: 2.277 ms
Remote clock offset: 1.822 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 85.930 ms
Loss rate: 78.26%
-- Flow 1:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 85.930 ms
Loss rate: 78.26%
```

## Run 8: Report of Verus — Data Link

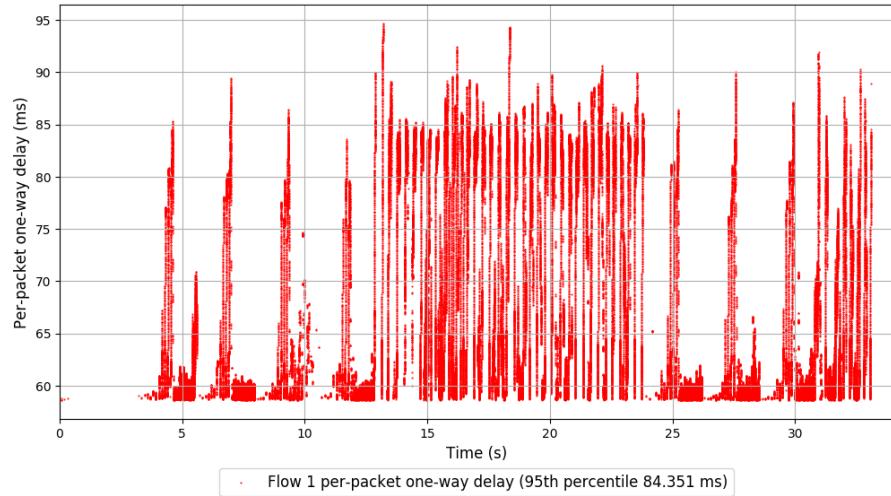
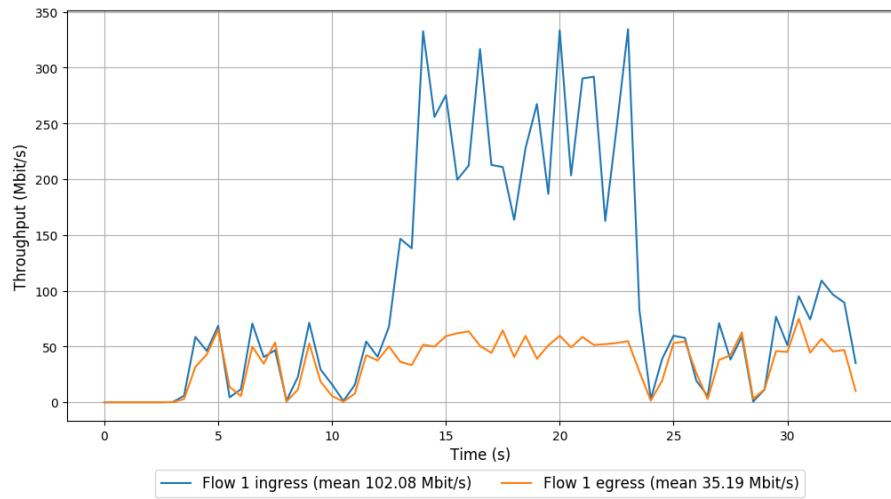


Run 9: Statistics of Verus

```
Start at: Tue, 13 Jun 2017 23:49:22 +0000
End at: Tue, 13 Jun 2017 23:49:52 +0000
Local clock offset: 2.484 ms
Remote clock offset: 2.383 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 84.351 ms
Loss rate: 65.60%
-- Flow 1:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 84.351 ms
Loss rate: 65.60%
```

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

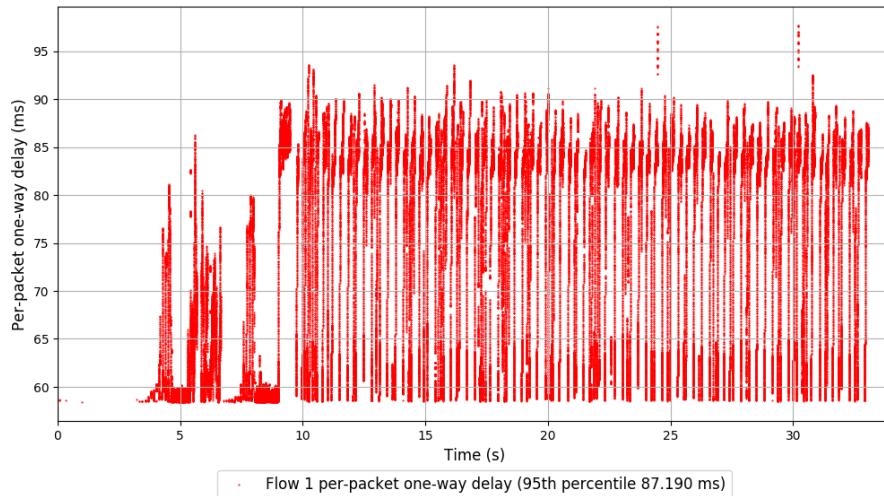
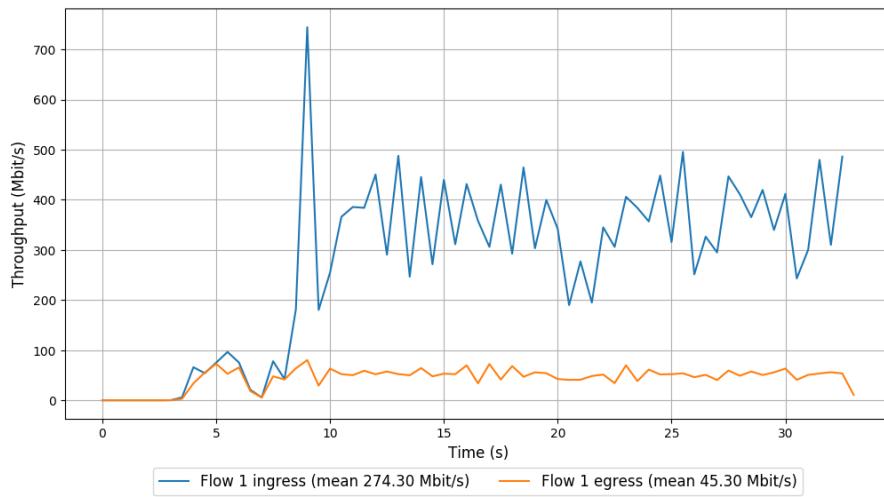


Run 10: Statistics of Verus

```
Start at: Wed, 14 Jun 2017 00:06:47 +0000
End at: Wed, 14 Jun 2017 00:07:17 +0000
Local clock offset: 2.586 ms
Remote clock offset: 2.925 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.30 Mbit/s
95th percentile per-packet one-way delay: 87.190 ms
Loss rate: 83.48%
-- Flow 1:
Average throughput: 45.30 Mbit/s
95th percentile per-packet one-way delay: 87.190 ms
Loss rate: 83.48%
```

Run 10: Report of Verus — Data Link

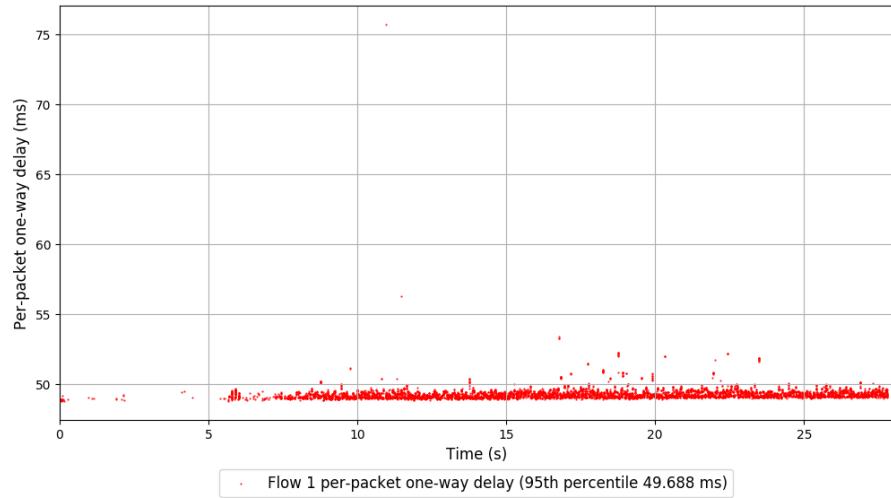
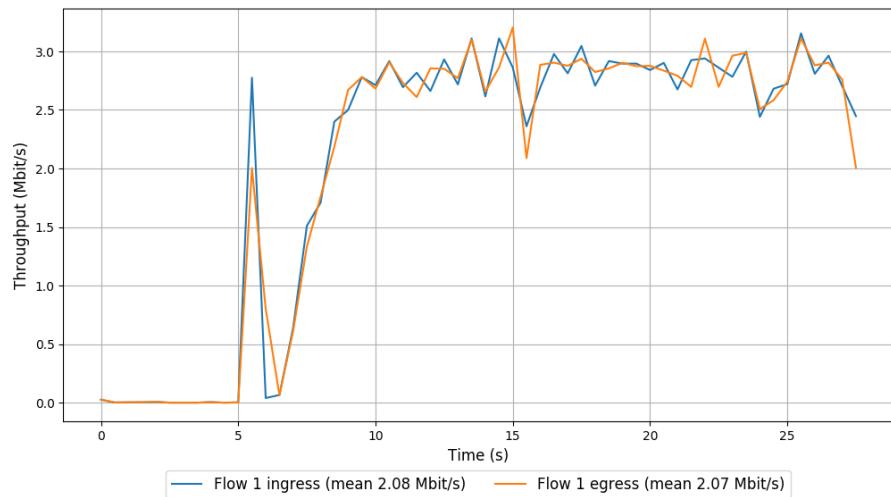


```
Run 1: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 21:26:42 +0000
End at: Tue, 13 Jun 2017 21:27:12 +0000
Local clock offset: 2.542 ms
Remote clock offset: -7.485 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 49.688 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 49.688 ms
Loss rate: 0.59%
```

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

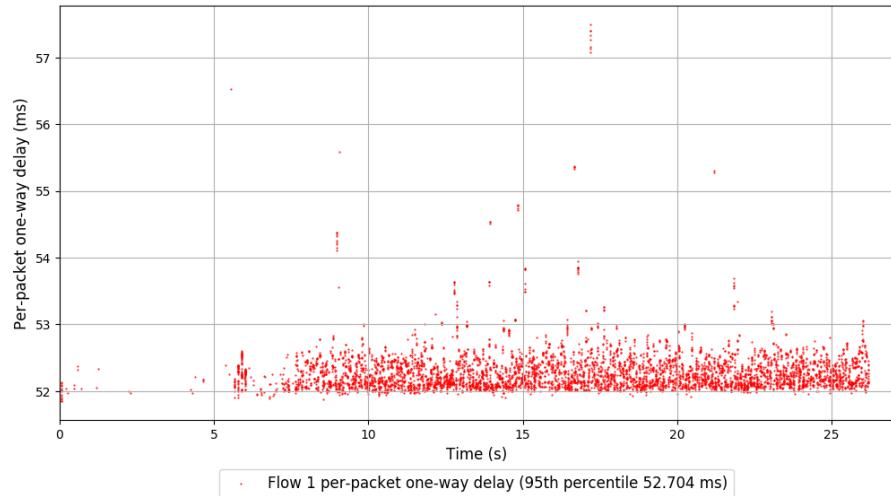
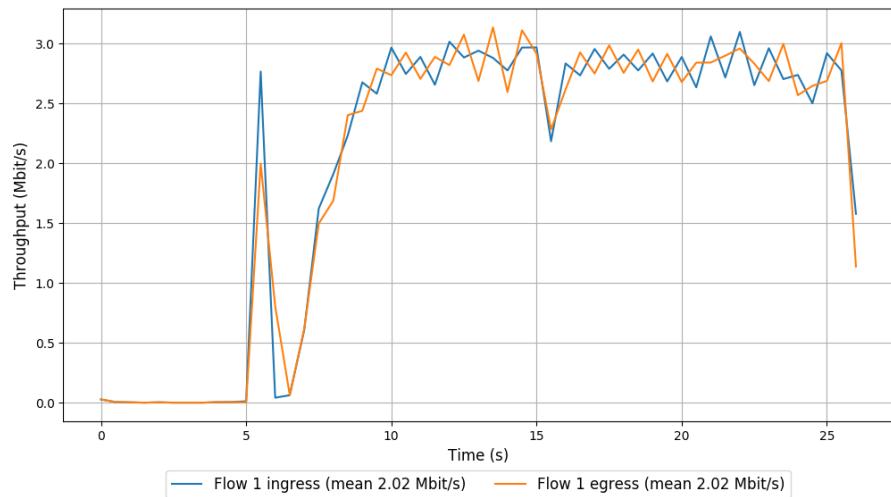


```
Run 2: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 21:44:03 +0000
End at: Tue, 13 Jun 2017 21:44:33 +0000
Local clock offset: -0.61 ms
Remote clock offset: -11.697 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 52.704 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 52.704 ms
Loss rate: 0.63%
```

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

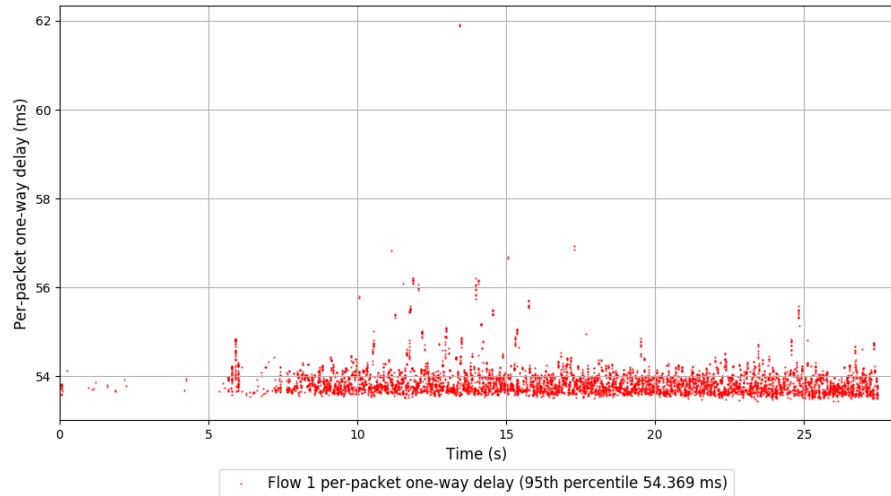
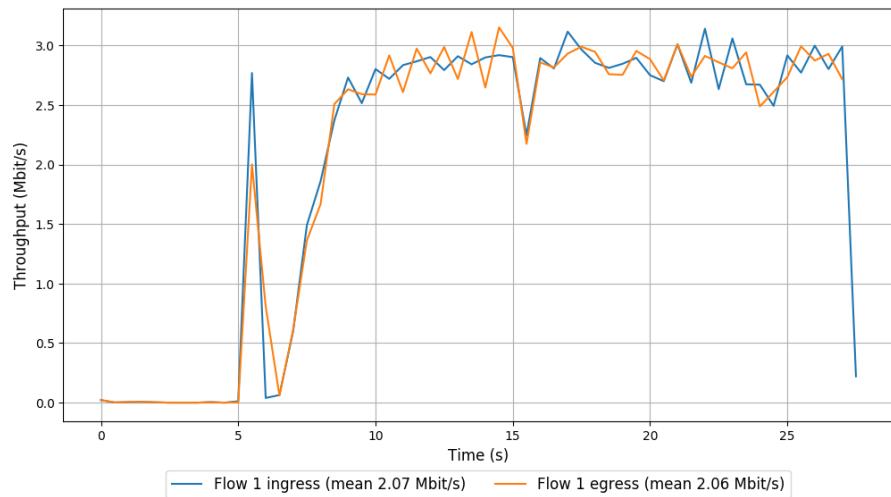


```
Run 3: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 22:01:27 +0000
End at: Tue, 13 Jun 2017 22:01:57 +0000
Local clock offset: -0.12 ms
Remote clock offset: -4.414 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 54.369 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 54.369 ms
Loss rate: 0.63%
```

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

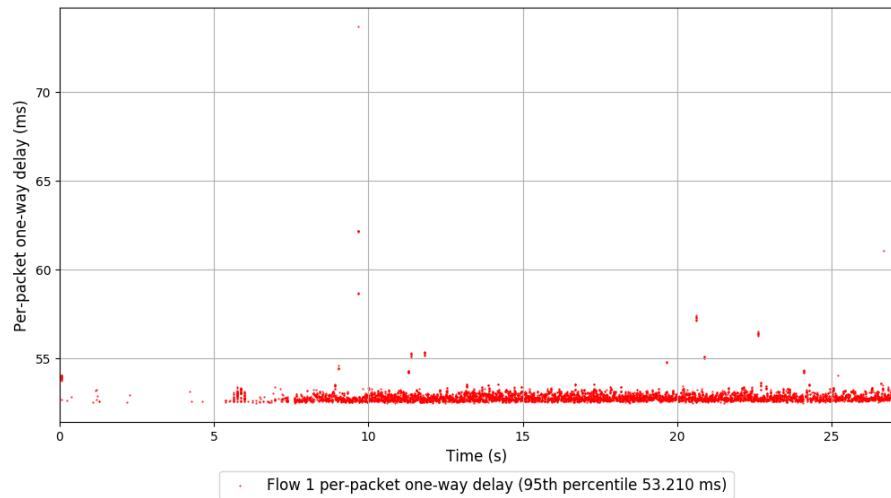
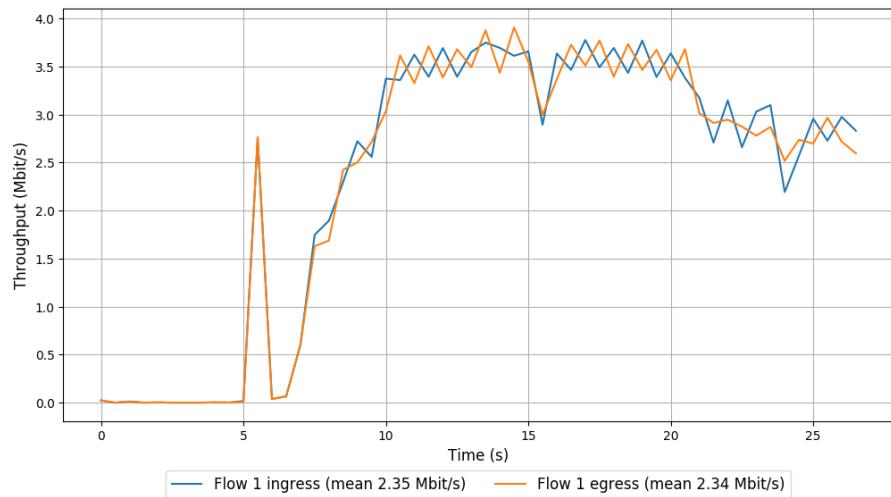


```
Run 4: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 22:19:00 +0000
End at: Tue, 13 Jun 2017 22:19:30 +0000
Local clock offset: 2.173 ms
Remote clock offset: -2.383 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 53.210 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 53.210 ms
Loss rate: 0.61%
```

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

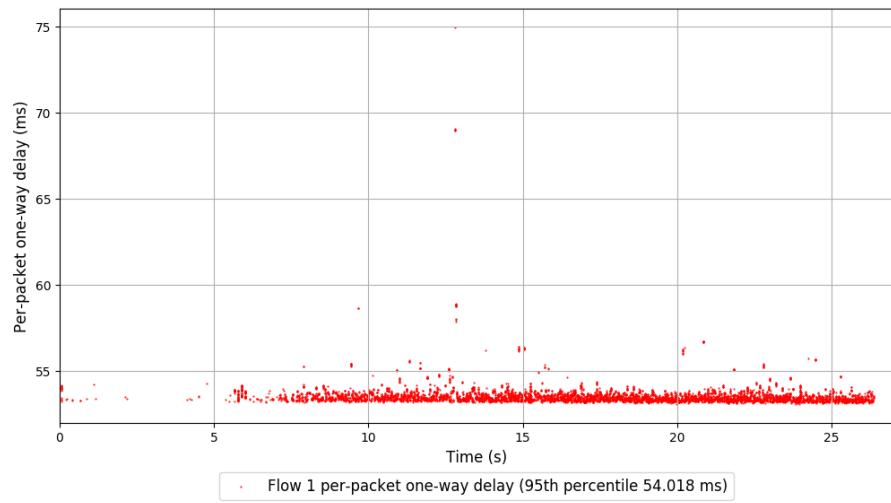
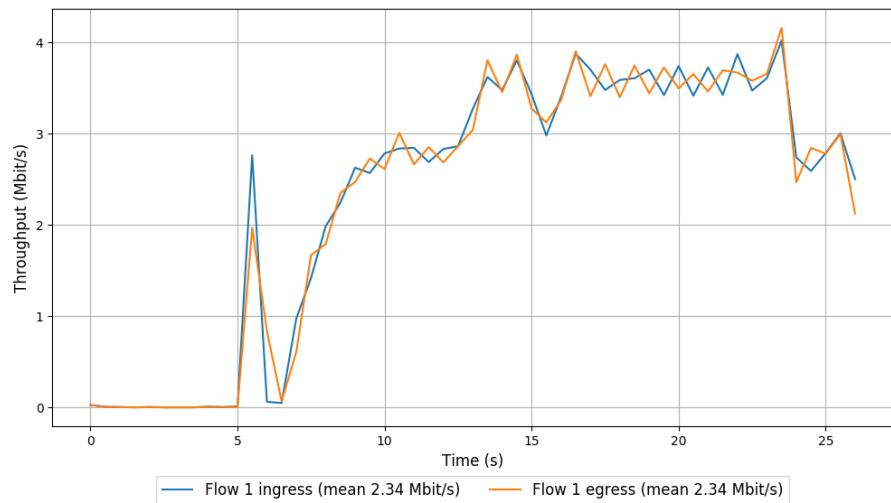


```
Run 5: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 22:36:26 +0000
End at: Tue, 13 Jun 2017 22:36:56 +0000
Local clock offset: 2.983 ms
Remote clock offset: -1.335 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 54.018 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 54.018 ms
Loss rate: 0.60%
```

Run 5: Report of WebRTC media — Data Link

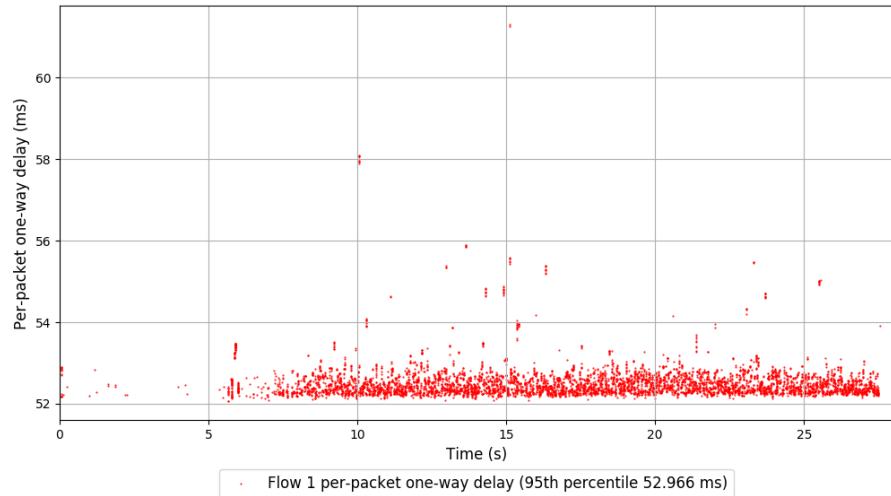
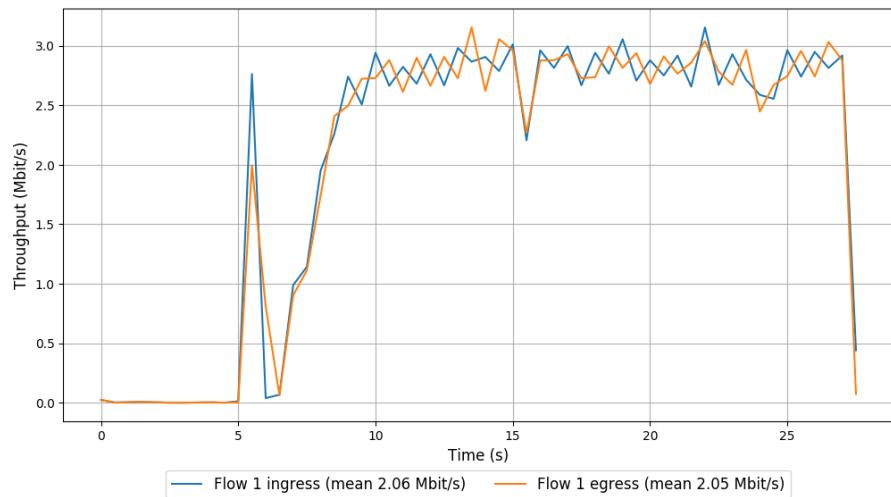


```
Run 6: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 22:53:40 +0000
End at: Tue, 13 Jun 2017 22:54:10 +0000
Local clock offset: 5.902 ms
Remote clock offset: -0.628 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 52.966 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 52.966 ms
Loss rate: 0.57%
```

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



Run 7: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 23:10:55 +0000

End at: Tue, 13 Jun 2017 23:11:25 +0000

Local clock offset: 4.006 ms

Remote clock offset: 0.792 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 55.701 ms

Loss rate: 0.66%

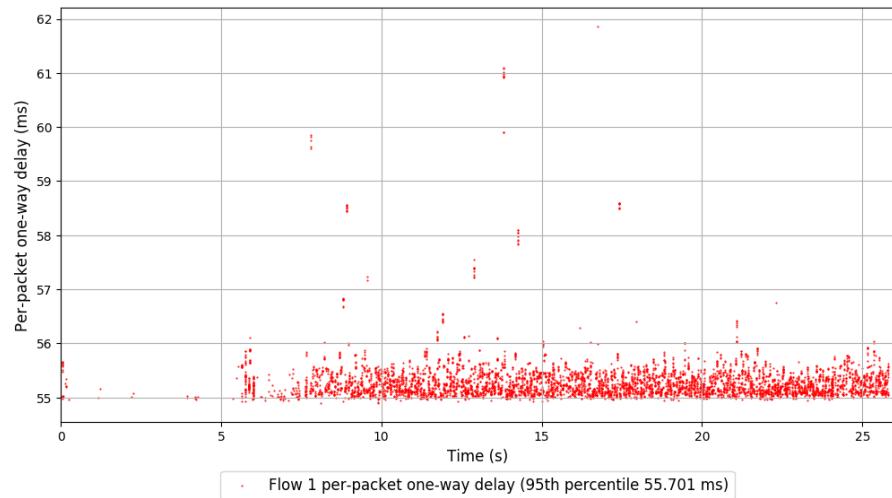
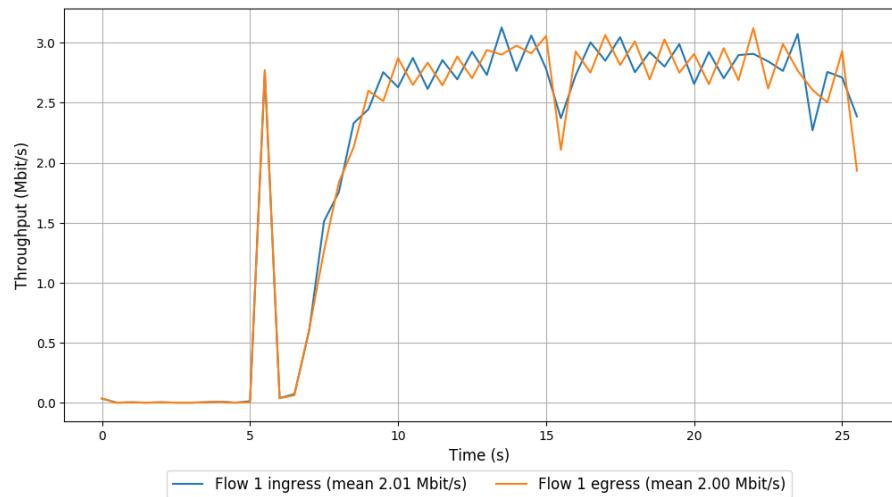
-- Flow 1:

Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 55.701 ms

Loss rate: 0.66%

Run 7: Report of WebRTC media — Data Link

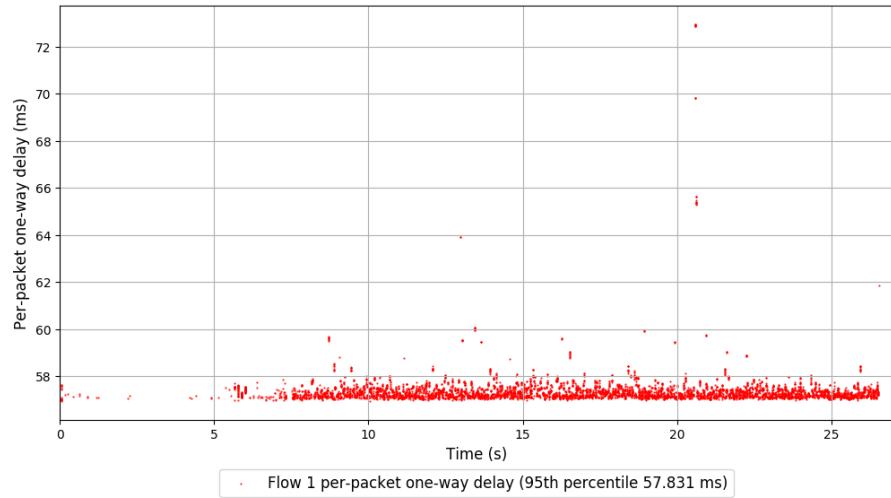
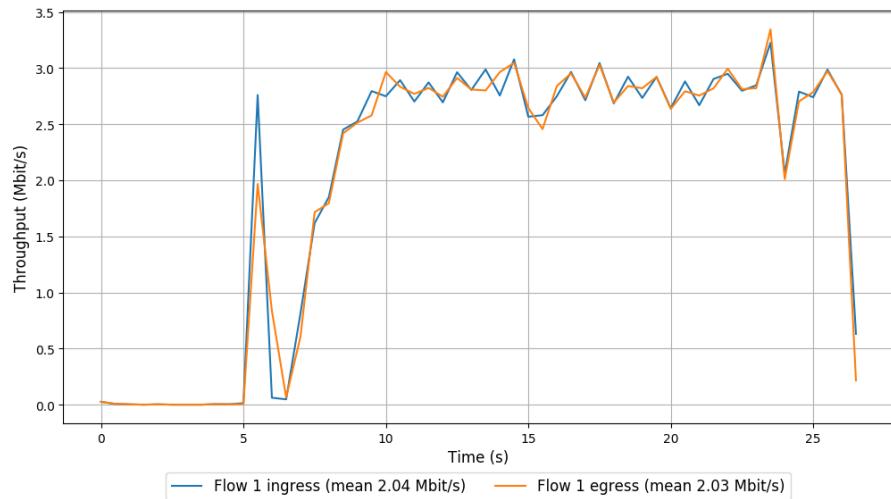


```
Run 8: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 23:28:19 +0000
End at: Tue, 13 Jun 2017 23:28:49 +0000
Local clock offset: 2.442 ms
Remote clock offset: 1.93 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 57.831 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 57.831 ms
Loss rate: 0.62%
```

### Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Tue, 13 Jun 2017 23:45:54 +0000

End at: Tue, 13 Jun 2017 23:46:24 +0000

Local clock offset: 2.213 ms

Remote clock offset: 2.184 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 58.948 ms

Loss rate: 0.68%

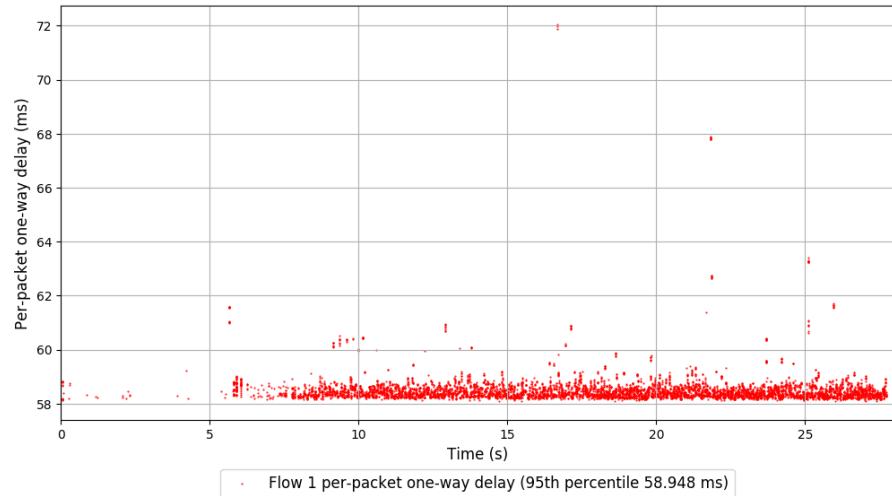
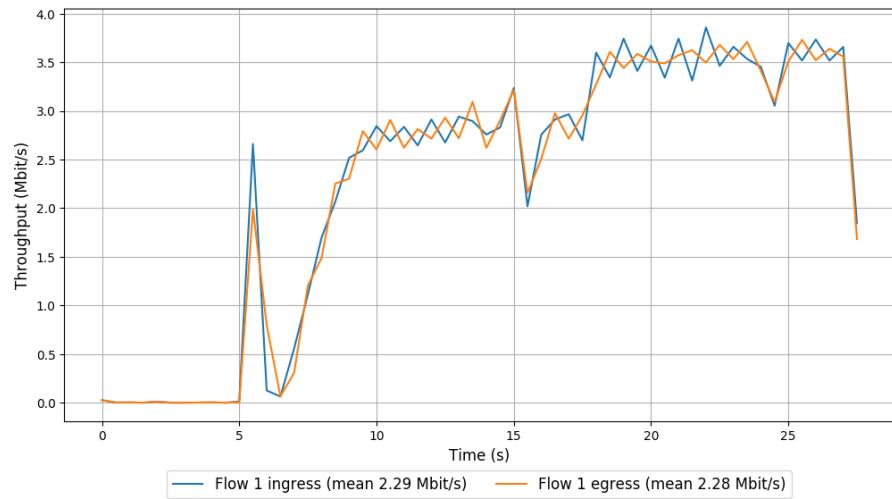
-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 58.948 ms

Loss rate: 0.68%

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



Run 10: Statistics of WebRTC media

```
Start at: Wed, 14 Jun 2017 00:03:07 +0000
End at: Wed, 14 Jun 2017 00:03:37 +0000
Local clock offset: 2.76 ms
Remote clock offset: 2.814 ms

# Below is generated by plot.py at Wed, 14 Jun 2017 00:58:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 59.100 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 59.100 ms
Loss rate: 0.46%
```

Run 10: Report of WebRTC media — Data Link

