

**Pantheon Summary** (Generated at Fri, 30 Jun 2017 01:50:44 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

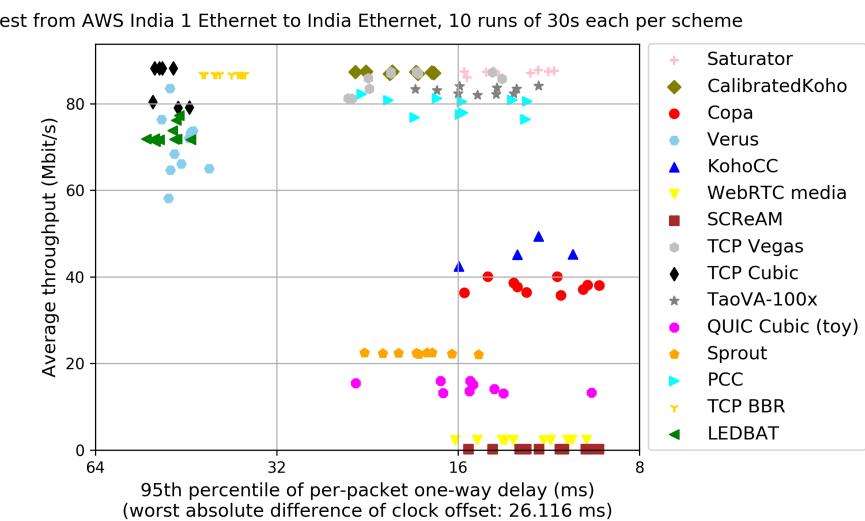
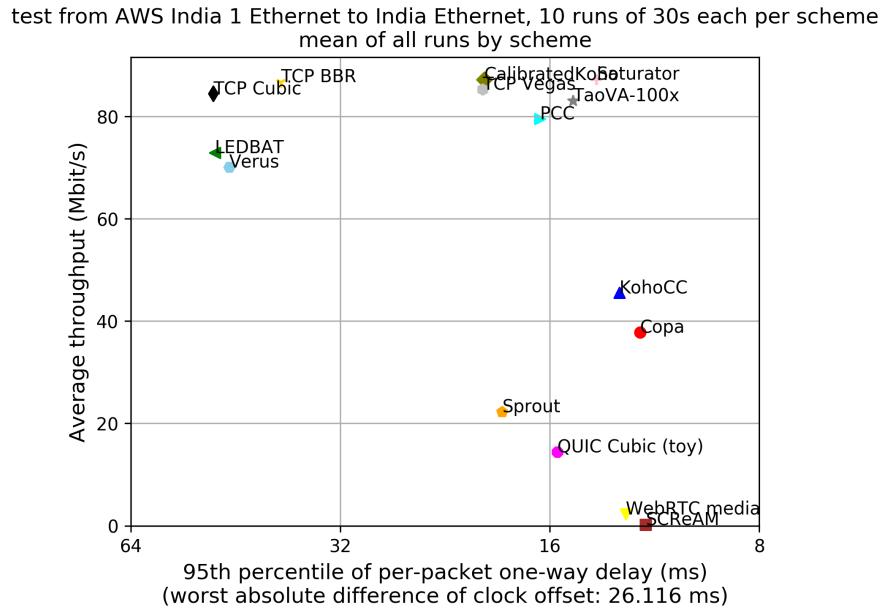
Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

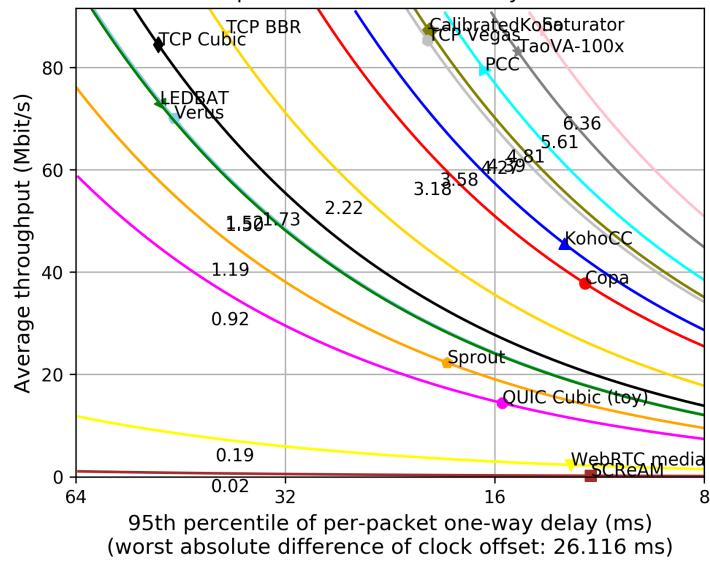
Data path **from** AWS India 1 Ethernet **to** India Ethernet.

NTP offset measured against nets.org.sg.

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



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

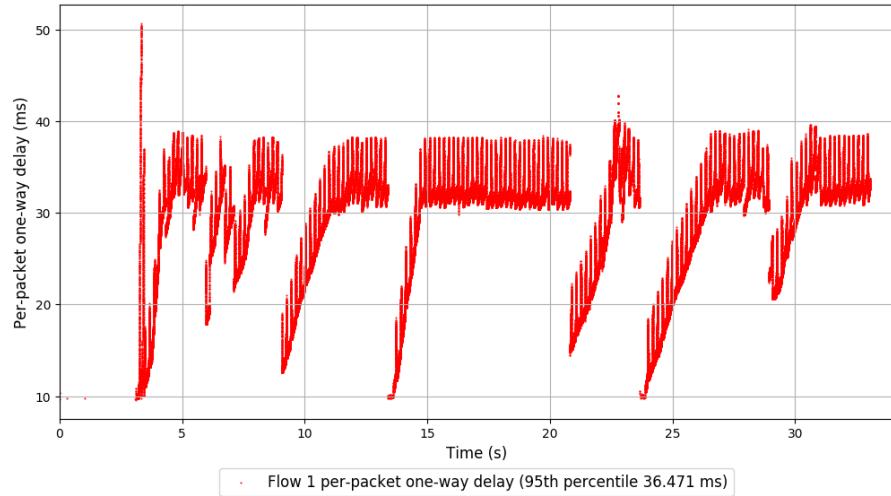
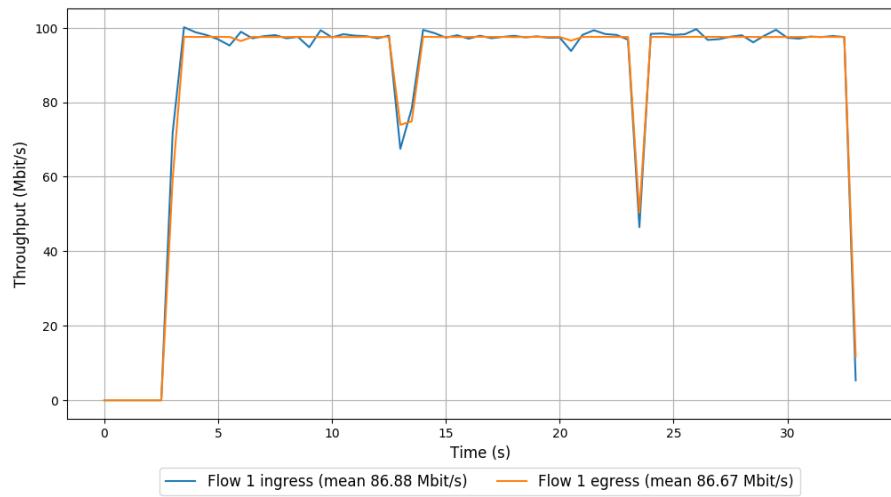


Run 1: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 19:05:39 +0000
End at: Thu, 29 Jun 2017 19:06:09 +0000
Local clock offset: 1.835 ms
Remote clock offset: -17.364 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 36.471 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 36.471 ms
Loss rate: 0.19%
```

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

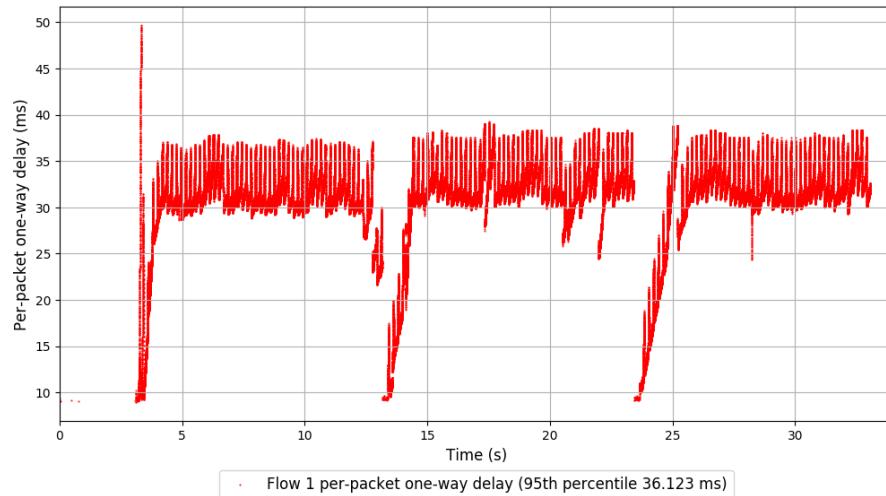
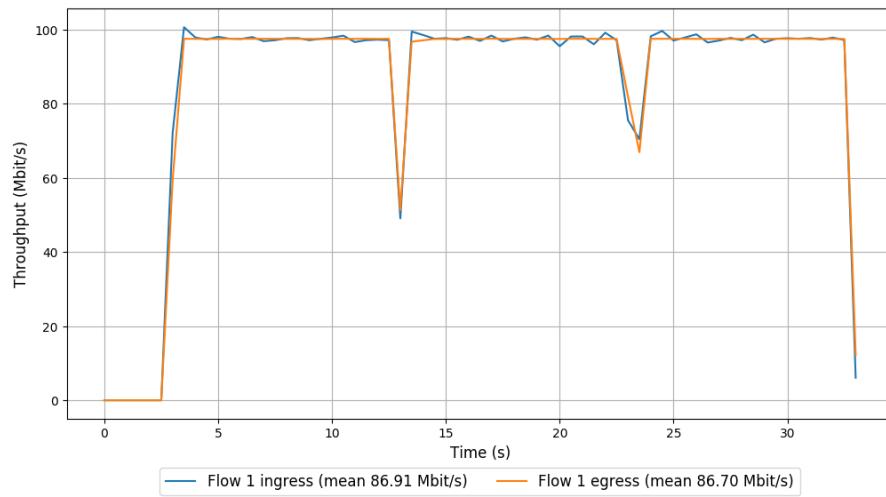


Run 2: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 19:23:51 +0000
End at: Thu, 29 Jun 2017 19:24:21 +0000
Local clock offset: 0.673 ms
Remote clock offset: -15.248 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 36.123 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 36.123 ms
Loss rate: 0.20%
```

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

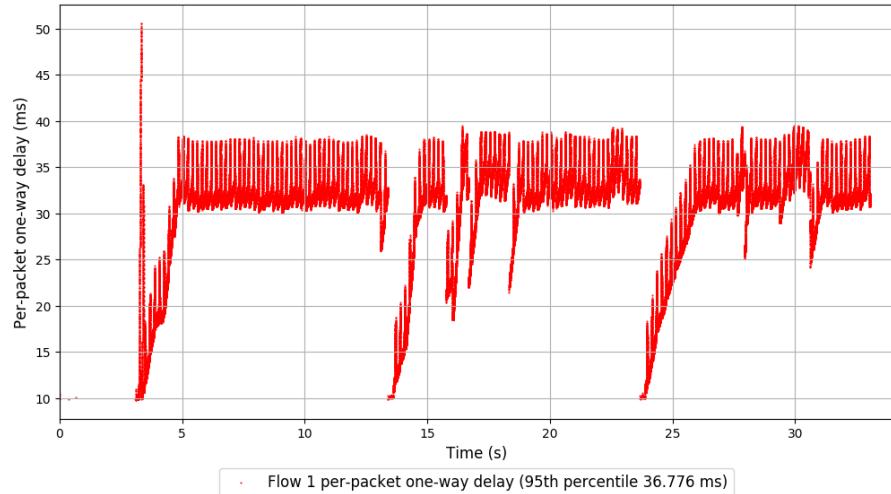
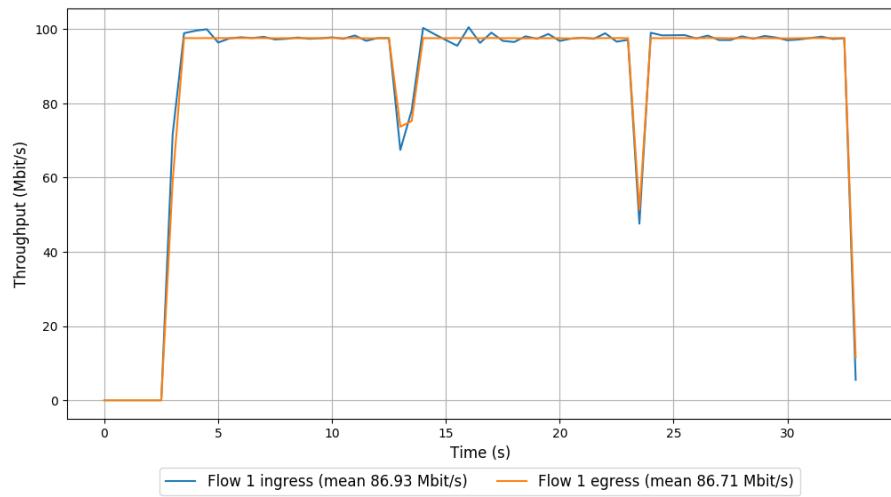


Run 3: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 19:42:03 +0000
End at: Thu, 29 Jun 2017 19:42:33 +0000
Local clock offset: 2.812 ms
Remote clock offset: -15.16 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 36.776 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 36.776 ms
Loss rate: 0.19%
```

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

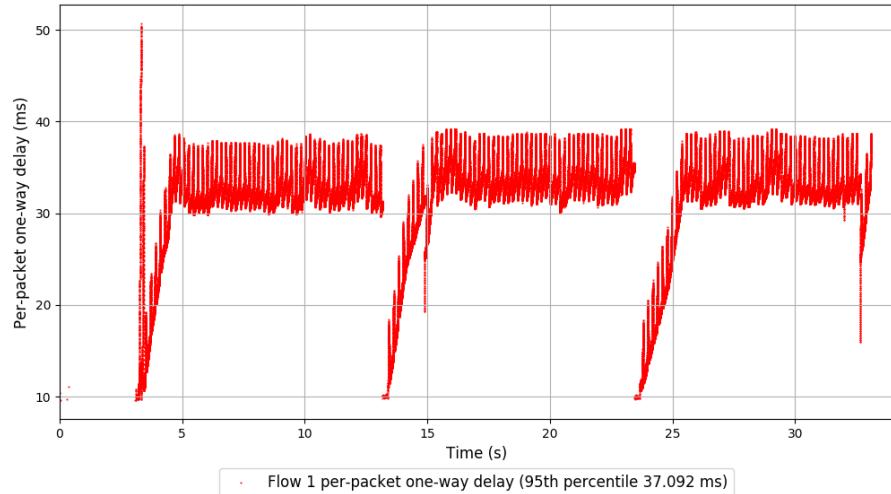
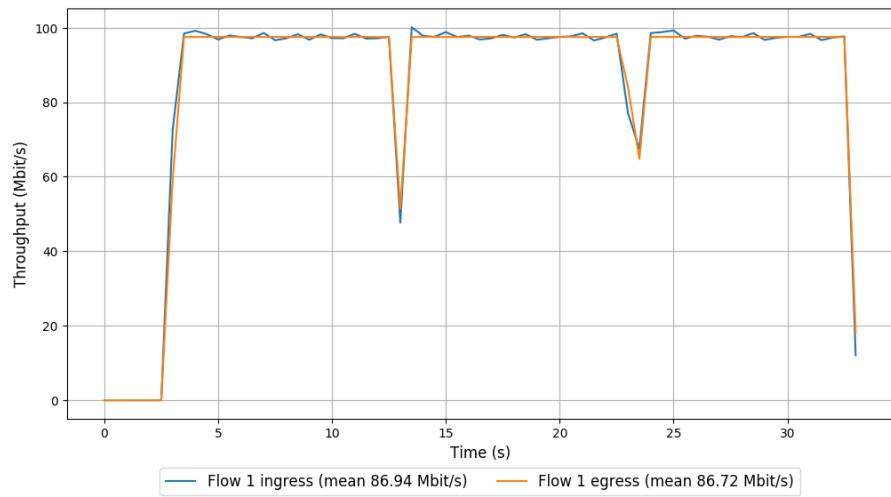


Run 4: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 20:00:10 +0000
End at: Thu, 29 Jun 2017 20:00:40 +0000
Local clock offset: -0.451 ms
Remote clock offset: -14.958 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 37.092 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 37.092 ms
Loss rate: 0.18%
```

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

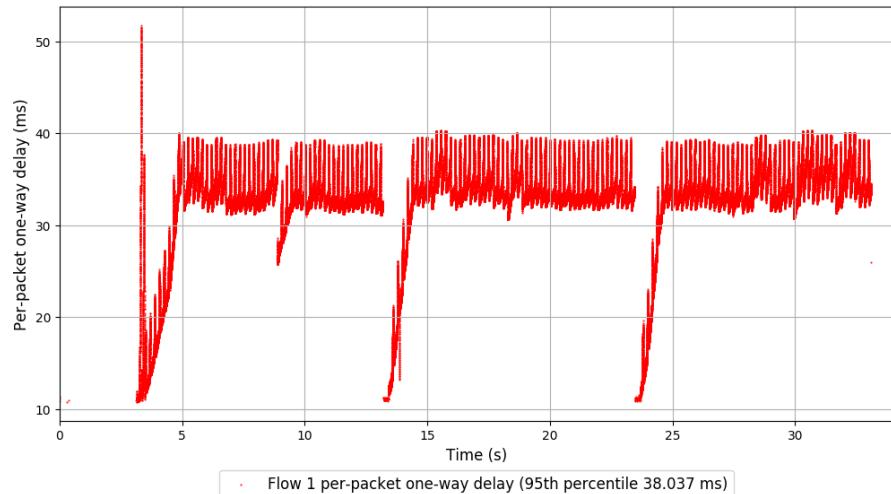
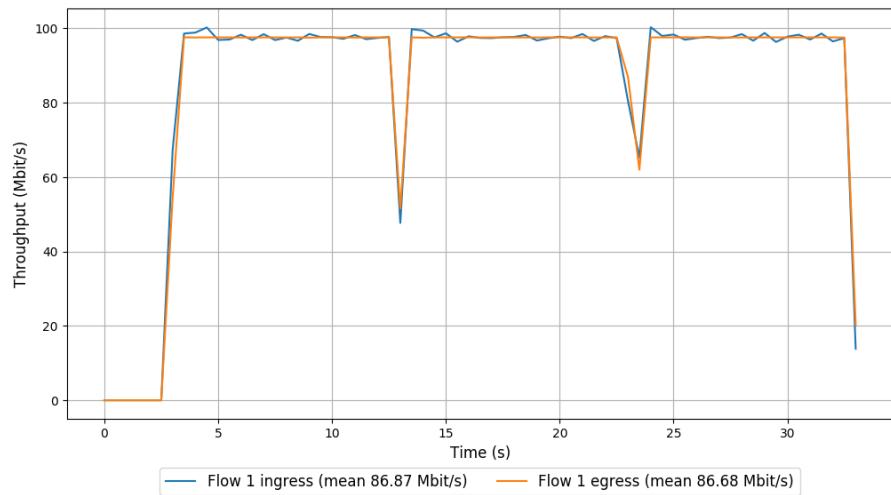


Run 5: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 20:18:39 +0000
End at: Thu, 29 Jun 2017 20:19:09 +0000
Local clock offset: 1.339 ms
Remote clock offset: -16.166 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.68 Mbit/s
95th percentile per-packet one-way delay: 38.037 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 86.68 Mbit/s
95th percentile per-packet one-way delay: 38.037 ms
Loss rate: 0.18%
```

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

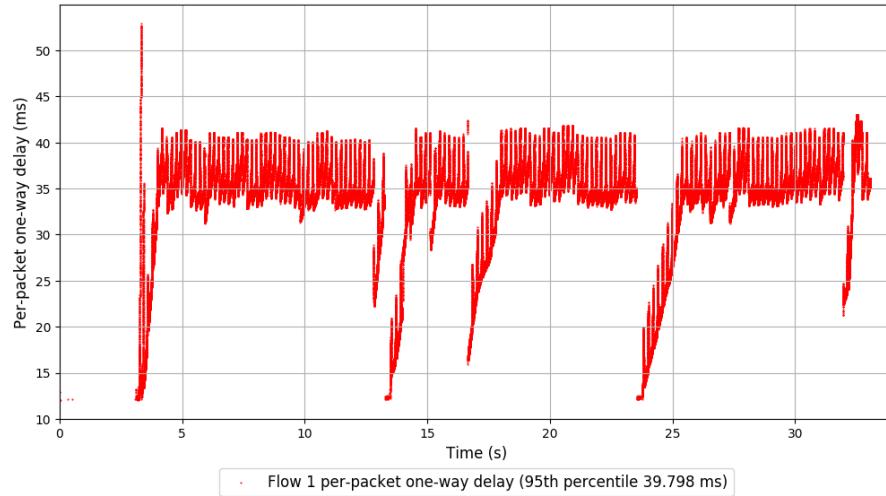
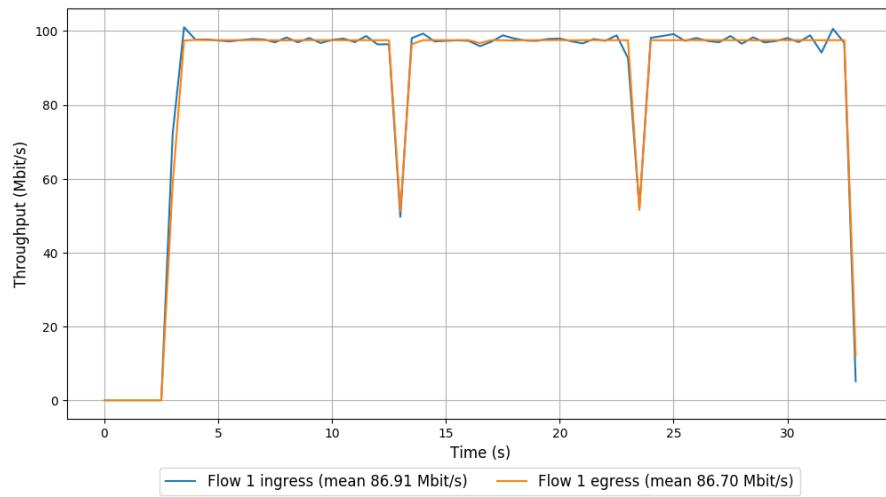


Run 6: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 20:36:37 +0000
End at: Thu, 29 Jun 2017 20:37:07 +0000
Local clock offset: -0.085 ms
Remote clock offset: -18.038 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 39.798 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 39.798 ms
Loss rate: 0.18%
```

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



Run 7: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:54:55 +0000

End at: Thu, 29 Jun 2017 20:55:25 +0000

Local clock offset: 1.072 ms

Remote clock offset: -17.821 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.76 Mbit/s

95th percentile per-packet one-way delay: 40.340 ms

Loss rate: 0.20%

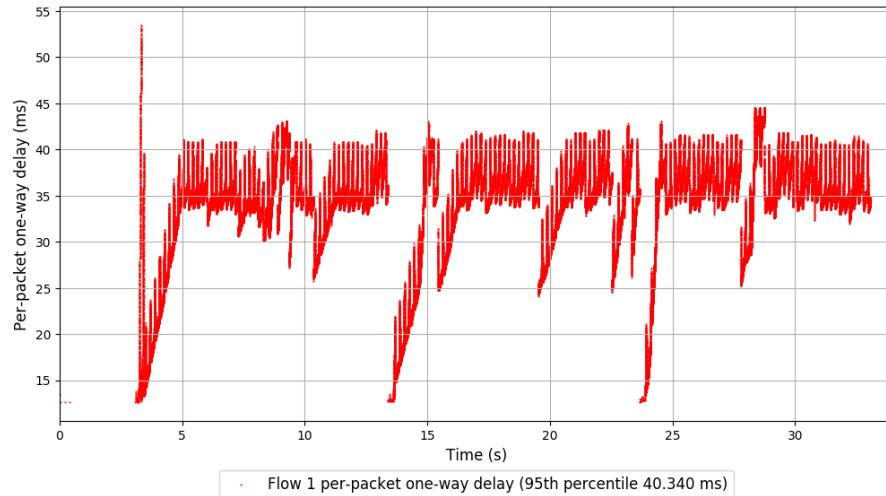
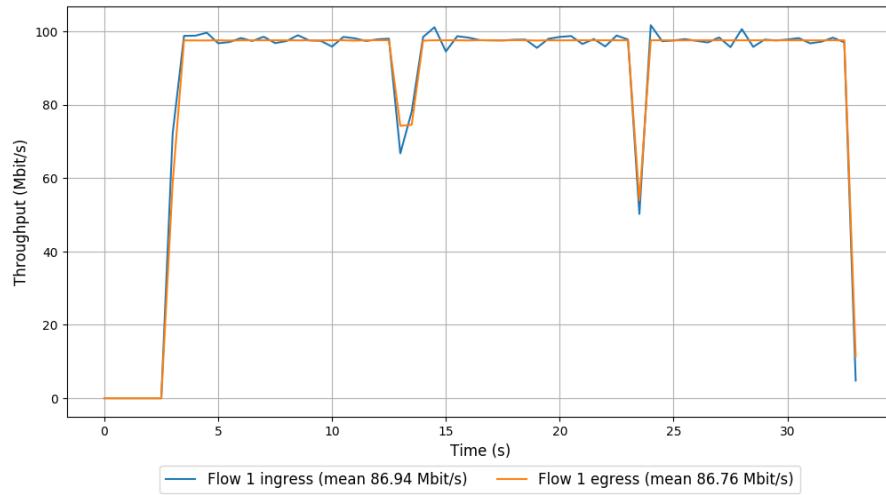
-- Flow 1:

Average throughput: 86.76 Mbit/s

95th percentile per-packet one-way delay: 40.340 ms

Loss rate: 0.20%

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

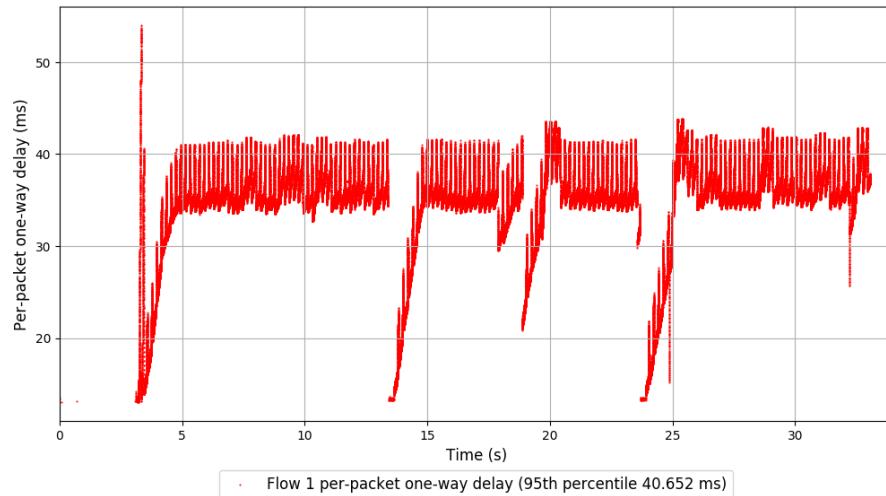
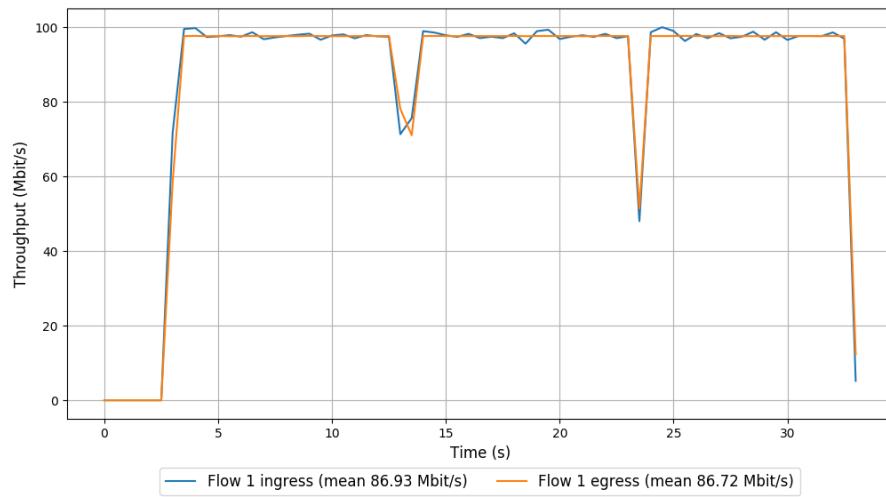


Run 8: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 21:12:45 +0000
End at: Thu, 29 Jun 2017 21:13:15 +0000
Local clock offset: -0.081 ms
Remote clock offset: -19.043 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:39:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 40.652 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 40.652 ms
Loss rate: 0.18%
```

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

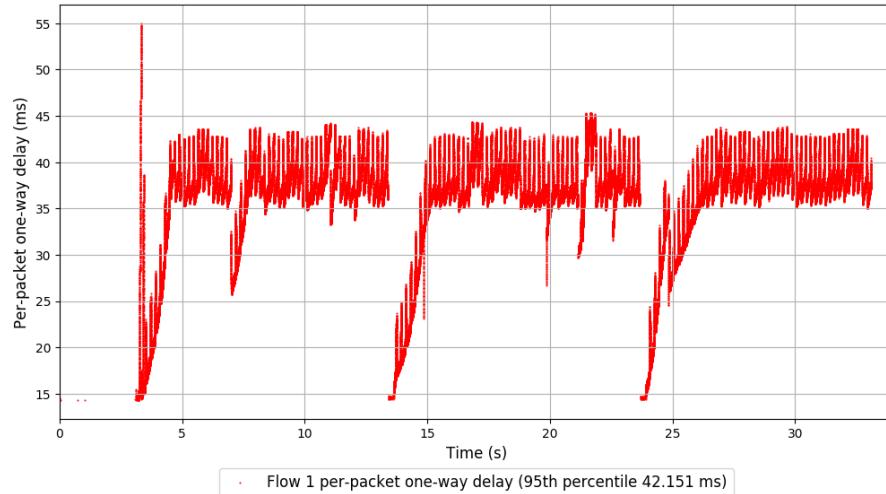
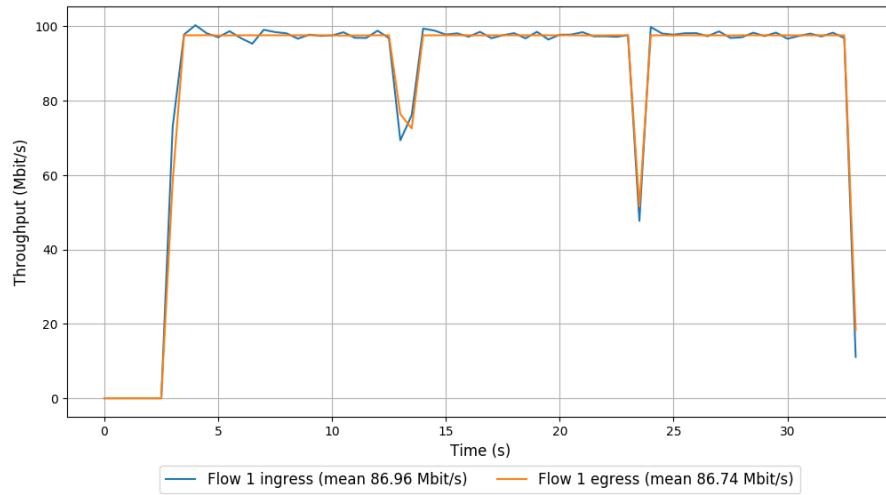


Run 9: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 21:30:46 +0000
End at: Thu, 29 Jun 2017 21:31:16 +0000
Local clock offset: 0.449 ms
Remote clock offset: -21.885 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 42.151 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 42.151 ms
Loss rate: 0.19%
```

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

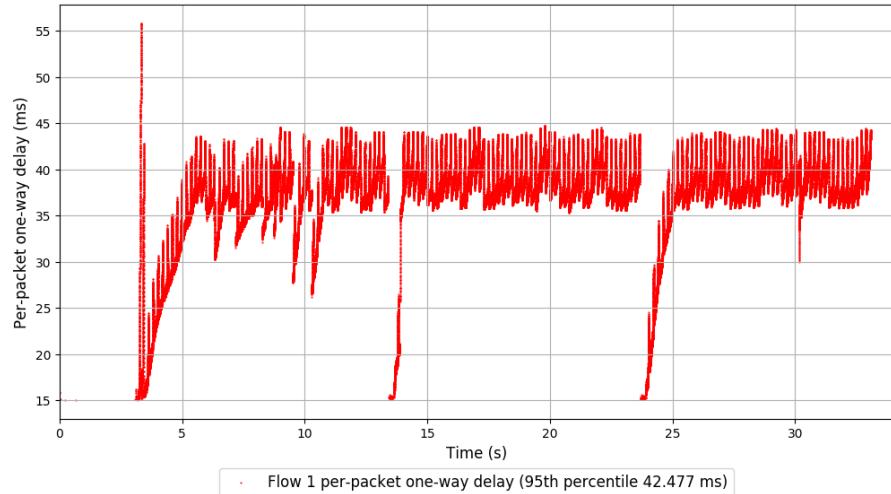
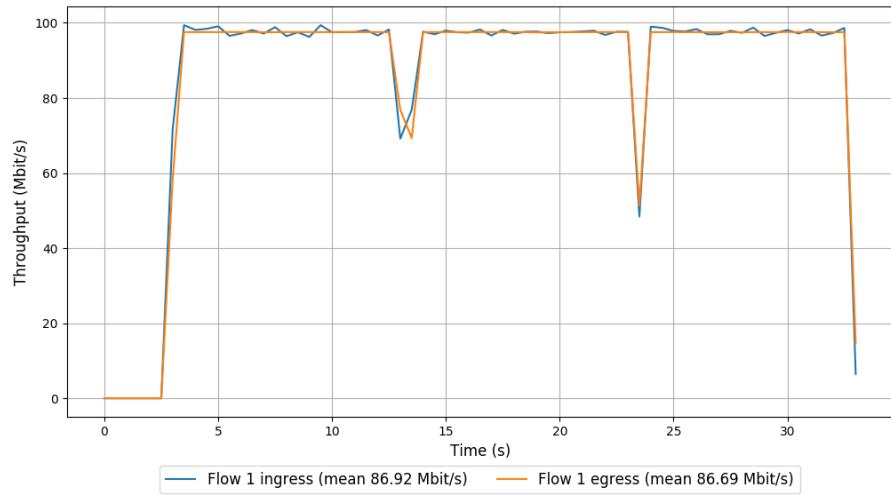


Run 10: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 21:49:06 +0000
End at: Thu, 29 Jun 2017 21:49:36 +0000
Local clock offset: 0.559 ms
Remote clock offset: -20.648 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 42.477 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 42.477 ms
Loss rate: 0.18%
```

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



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

```
Start at: Thu, 29 Jun 2017 19:03:12 +0000
```

```
End at: Thu, 29 Jun 2017 19:03:42 +0000
```

```
Local clock offset: -1.178 ms
```

```
Remote clock offset: -17.013 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:20 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.30 Mbit/s
```

```
95th percentile per-packet one-way delay: 18.788 ms
```

```
Loss rate: 0.00%
```

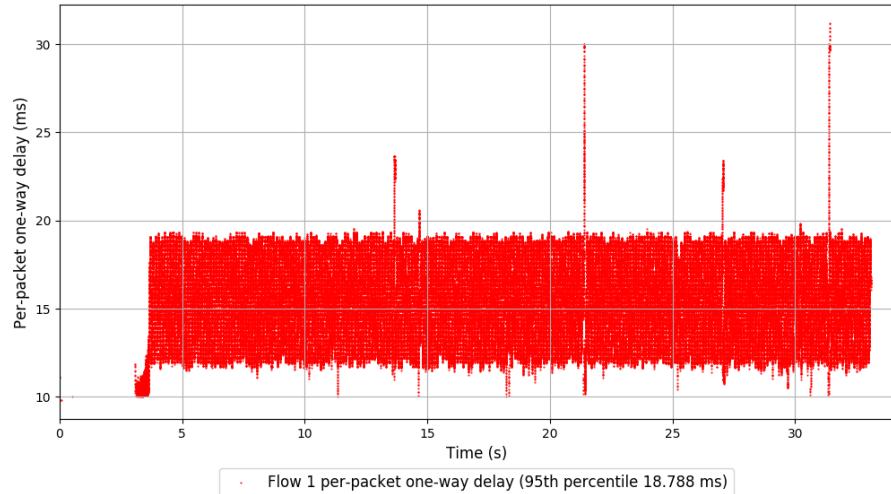
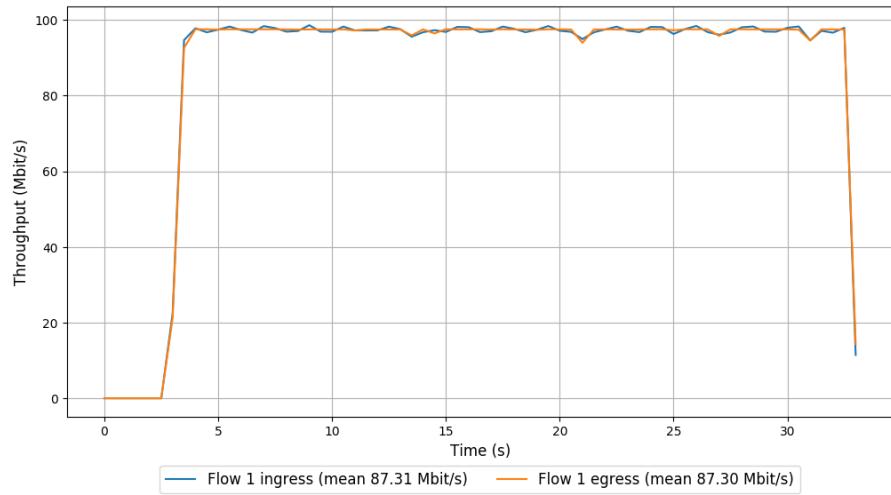
```
-- Flow 1:
```

```
Average throughput: 87.30 Mbit/s
```

```
95th percentile per-packet one-way delay: 18.788 ms
```

```
Loss rate: 0.00%
```

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



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

```
Start at: Thu, 29 Jun 2017 19:21:29 +0000
```

```
End at: Thu, 29 Jun 2017 19:21:59 +0000
```

```
Local clock offset: -0.688 ms
```

```
Remote clock offset: -15.53 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:21 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.06 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.560 ms
```

```
Loss rate: 0.05%
```

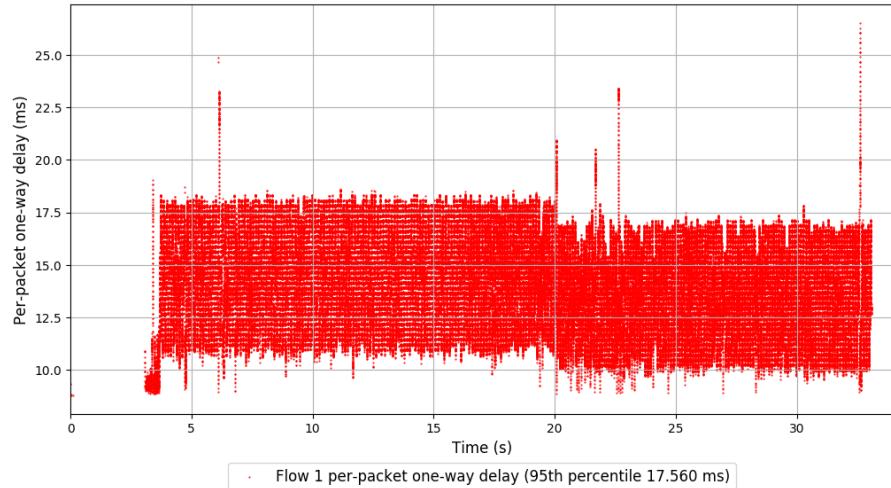
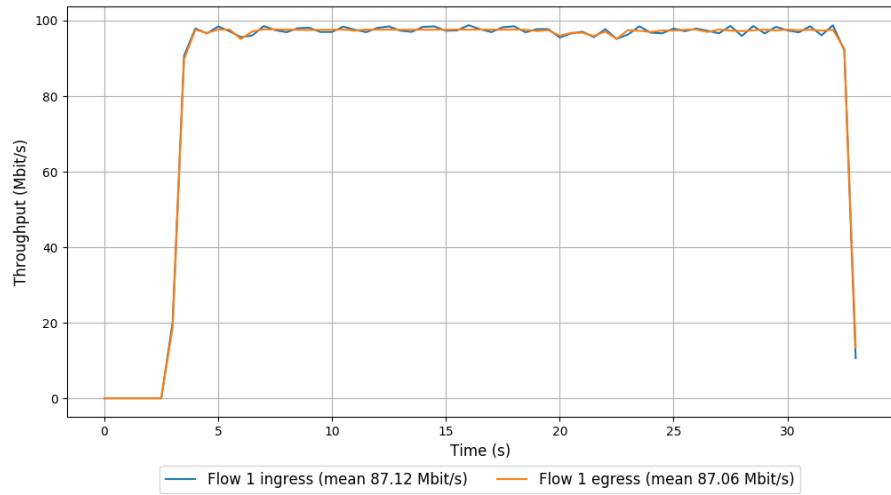
```
-- Flow 1:
```

```
Average throughput: 87.06 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.560 ms
```

```
Loss rate: 0.05%
```

## Run 2: Report of CalibratedKoho — Data Link

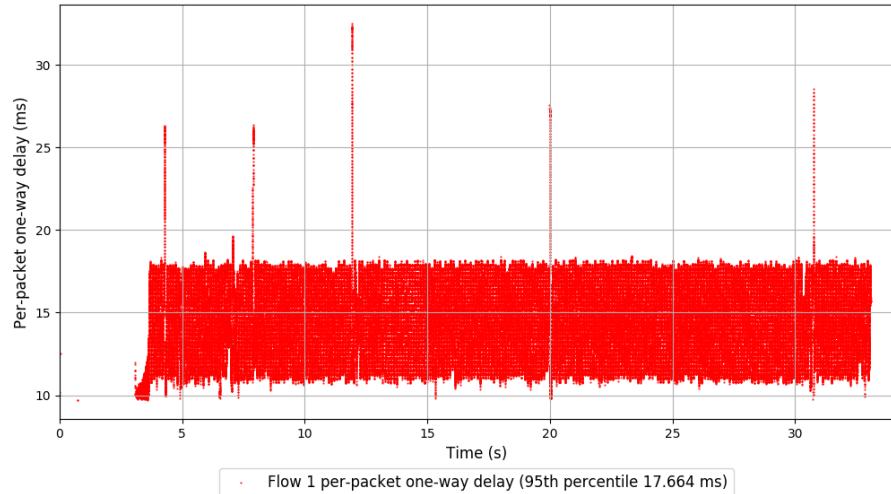
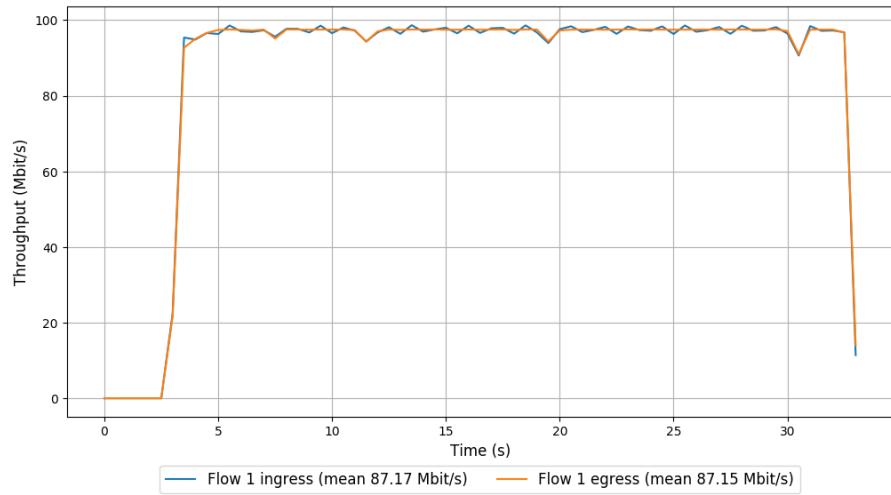


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Thu, 29 Jun 2017 19:39:31 +0000
End at: Thu, 29 Jun 2017 19:40:01 +0000
Local clock offset: -1.206 ms
Remote clock offset: -15.103 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 17.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 17.664 ms
Loss rate: 0.00%
```

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

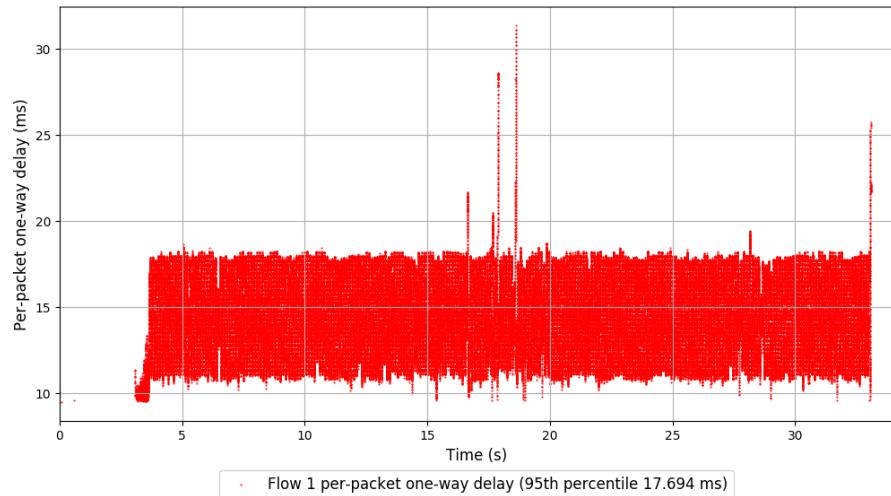
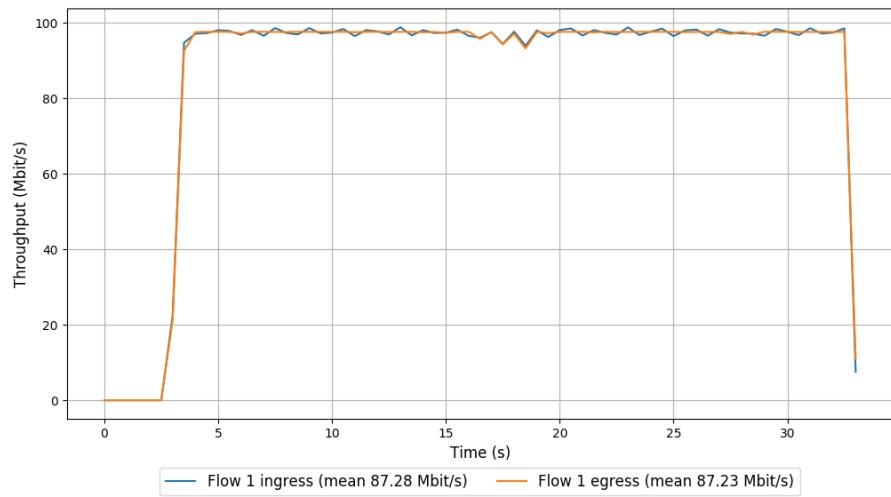


Run 4: Statistics of CalibratedKoho

```
Start at: Thu, 29 Jun 2017 19:57:46 +0000
End at: Thu, 29 Jun 2017 19:58:16 +0000
Local clock offset: -0.291 ms
Remote clock offset: -15.872 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 17.694 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 17.694 ms
Loss rate: 0.02%
```

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

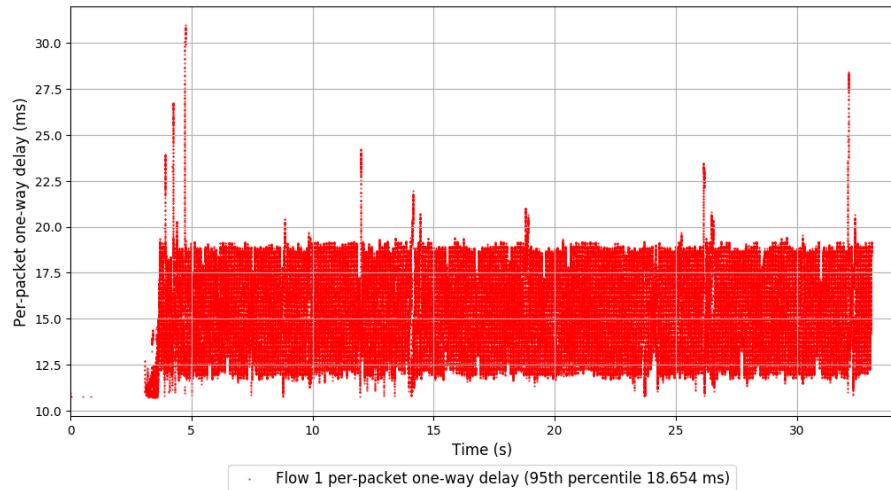
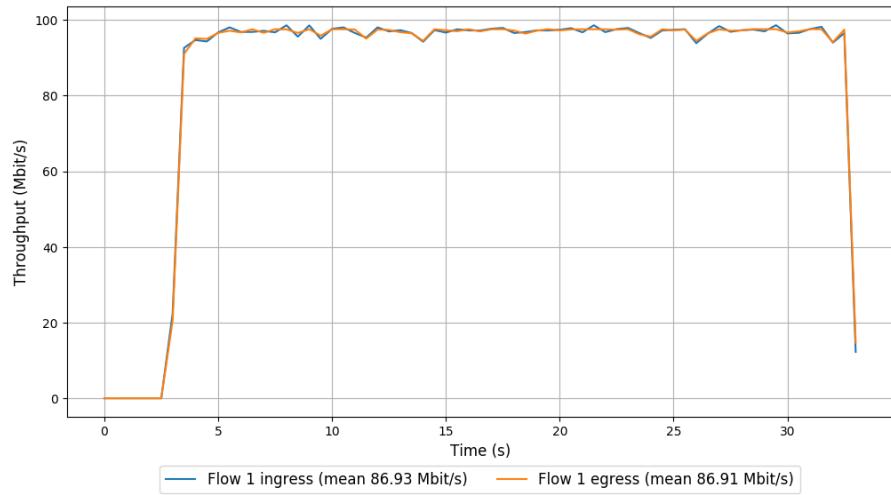


Run 5: Statistics of CalibratedKoho

```
Start at: Thu, 29 Jun 2017 20:16:11 +0000
End at: Thu, 29 Jun 2017 20:16:41 +0000
Local clock offset: -0.449 ms
Remote clock offset: -15.758 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 18.654 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 18.654 ms
Loss rate: 0.00%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 20:34:10 +0000
```

```
End at: Thu, 29 Jun 2017 20:34:40 +0000
```

```
Local clock offset: 3.136 ms
```

```
Remote clock offset: -17.617 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:40:48 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 86.93 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.777 ms
```

```
Loss rate: 0.00%
```

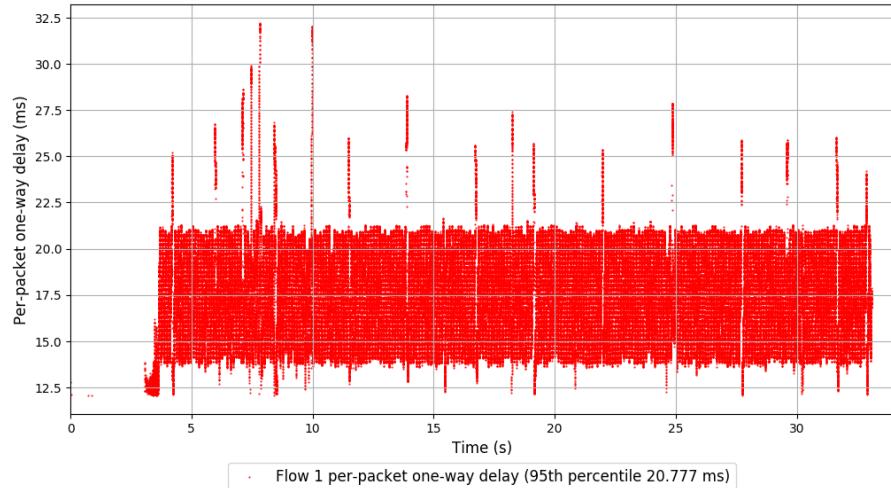
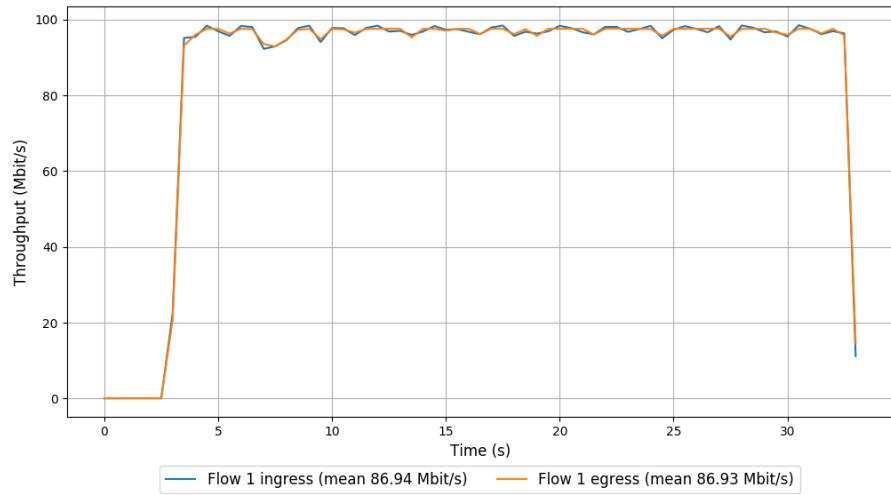
```
-- Flow 1:
```

```
Average throughput: 86.93 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.777 ms
```

```
Loss rate: 0.00%
```

Run 6: Report of CalibratedKoho — Data Link

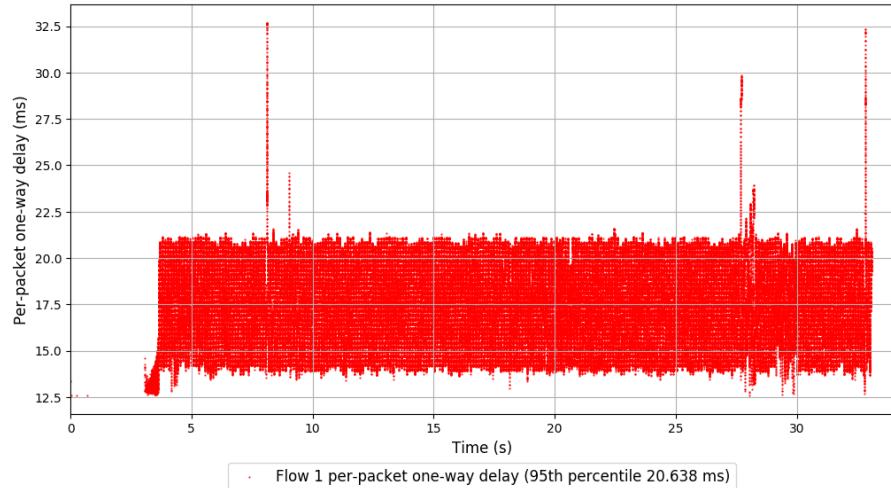
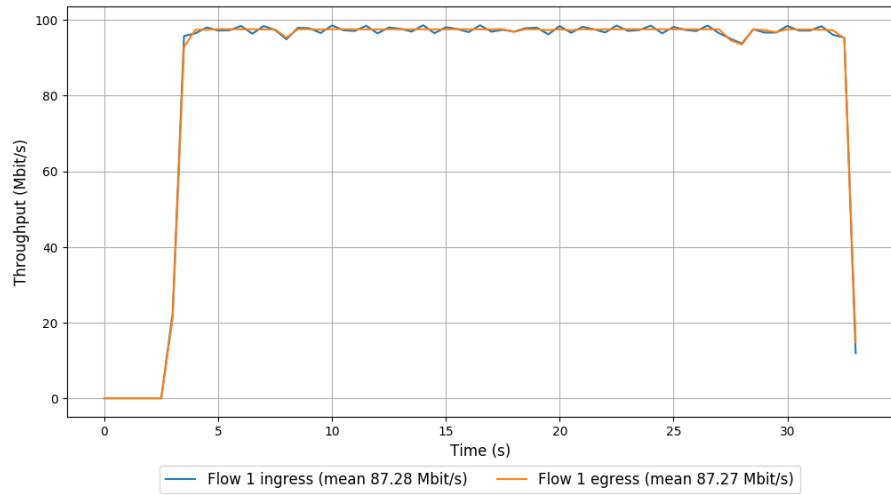


Run 7: Statistics of CalibratedKoho

```
Start at: Thu, 29 Jun 2017 20:52:35 +0000
End at: Thu, 29 Jun 2017 20:53:05 +0000
Local clock offset: 3.264 ms
Remote clock offset: -19.031 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 20.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 20.638 ms
Loss rate: 0.00%
```

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 21:10:24 +0000
```

```
End at: Thu, 29 Jun 2017 21:10:54 +0000
```

```
Local clock offset: 0.303 ms
```

```
Remote clock offset: -18.326 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:01 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.588 ms
```

```
Loss rate: 0.00%
```

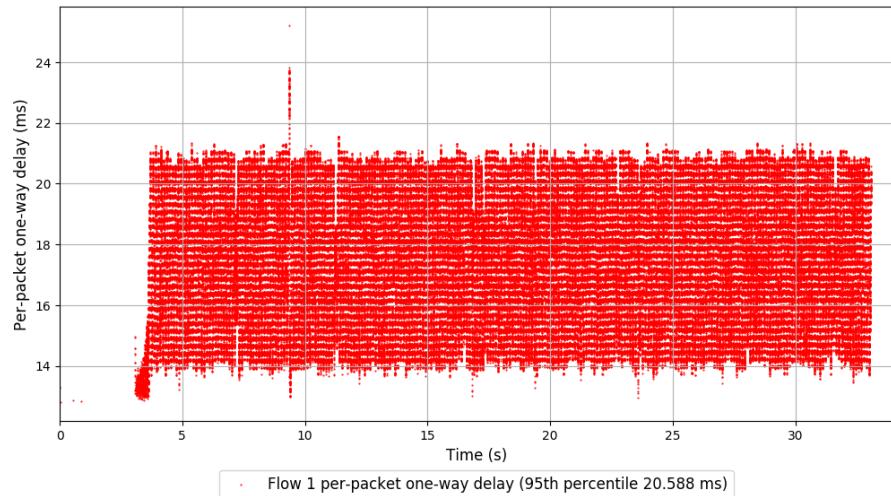
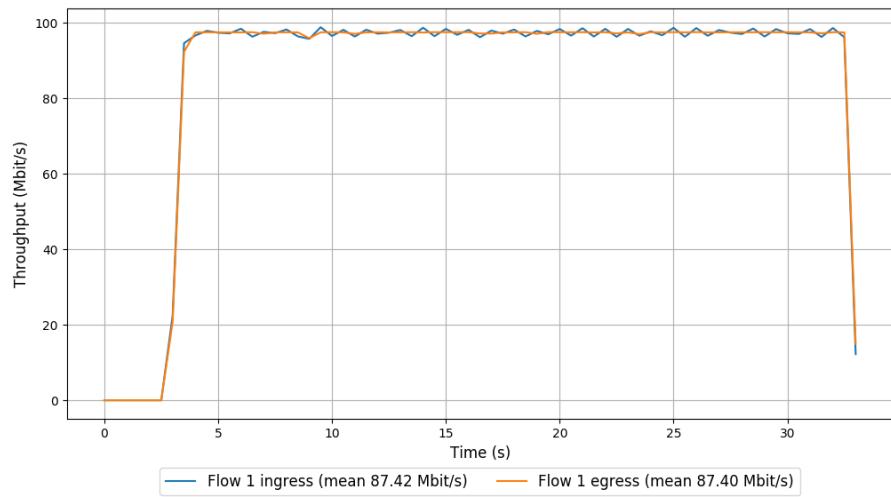
```
-- Flow 1:
```

```
Average throughput: 87.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.588 ms
```

```
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 21:28:24 +0000
```

```
End at: Thu, 29 Jun 2017 21:28:54 +0000
```

```
Local clock offset: -0.079 ms
```

```
Remote clock offset: -21.496 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 87.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.755 ms
```

```
Loss rate: 0.00%
```

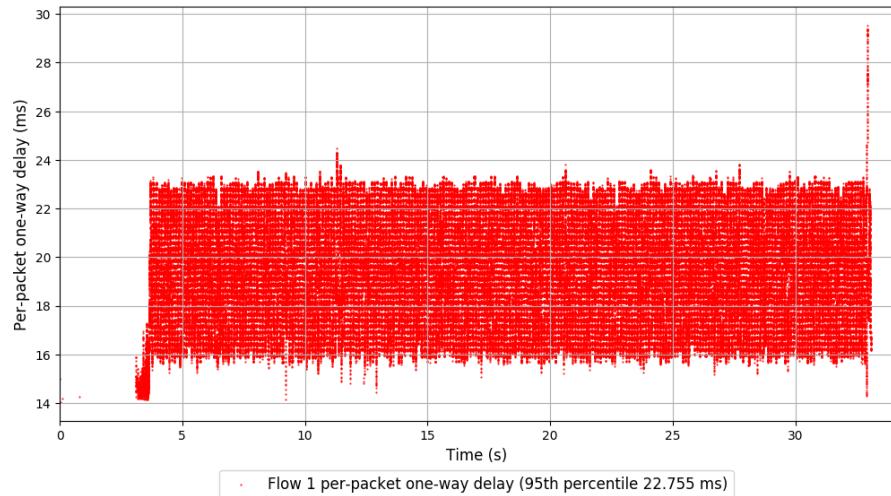
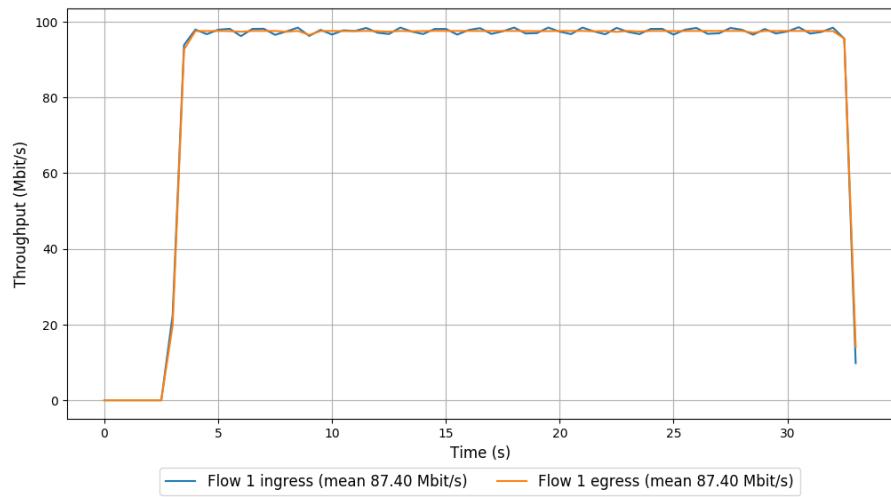
```
-- Flow 1:
```

```
Average throughput: 87.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.755 ms
```

```
Loss rate: 0.00%
```

Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 21:46:35 +0000
```

```
End at: Thu, 29 Jun 2017 21:47:05 +0000
```

```
Local clock offset: 2.251 ms
```

```
Remote clock offset: -21.001 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:14 +0000
```

```
# Datalink statistics
```

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

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

```
95th percentile per-packet one-way delay: 23.690 ms
```

```
Loss rate: 0.00%
```

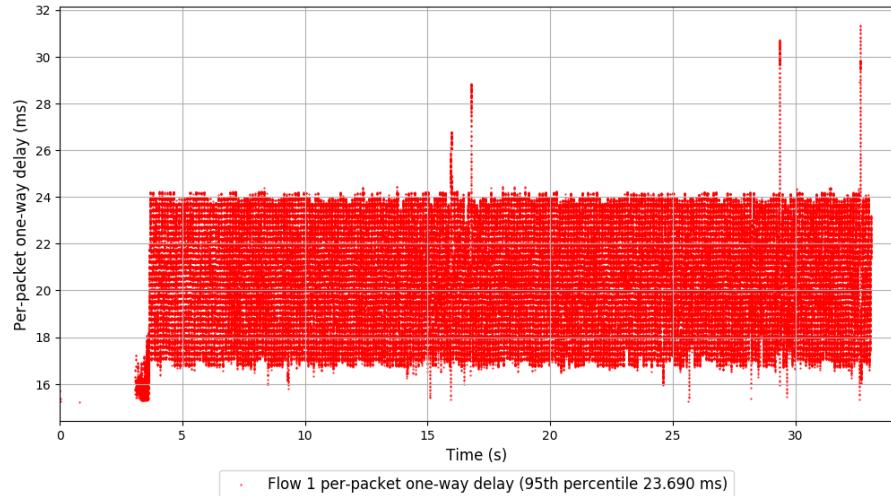
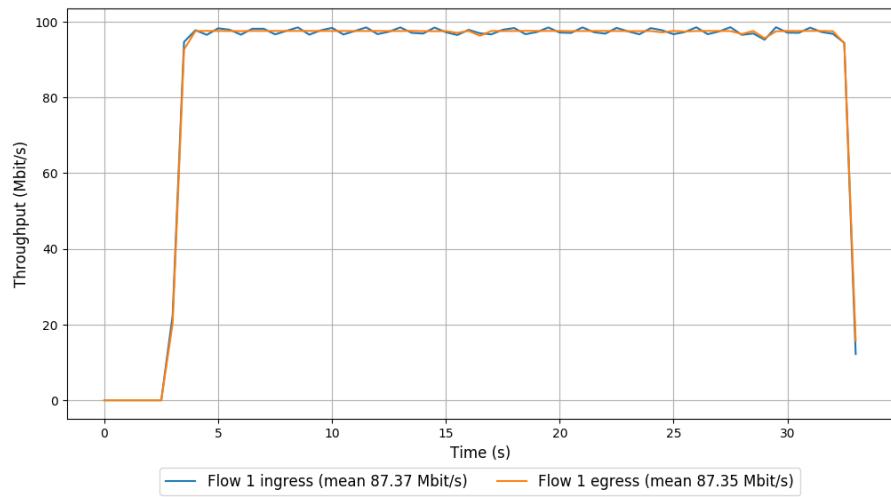
```
-- Flow 1:
```

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

```
95th percentile per-packet one-way delay: 23.690 ms
```

```
Loss rate: 0.00%
```

## Run 10: Report of CalibratedKoho — Data Link

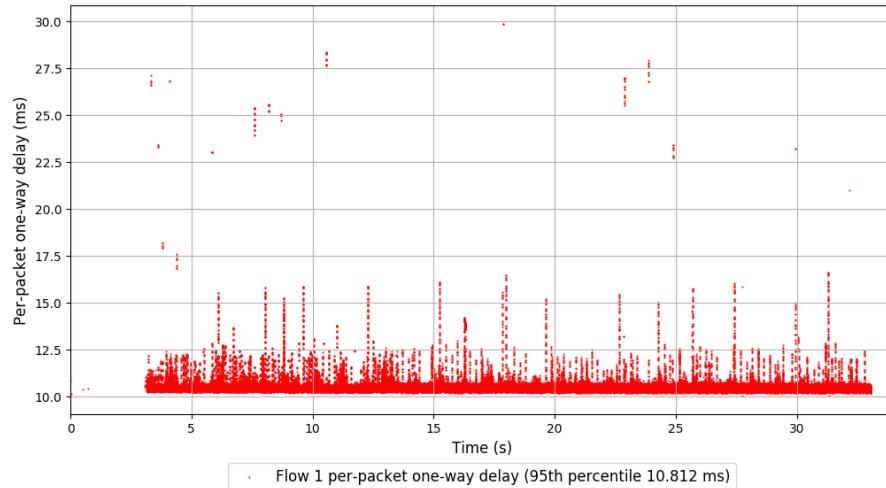
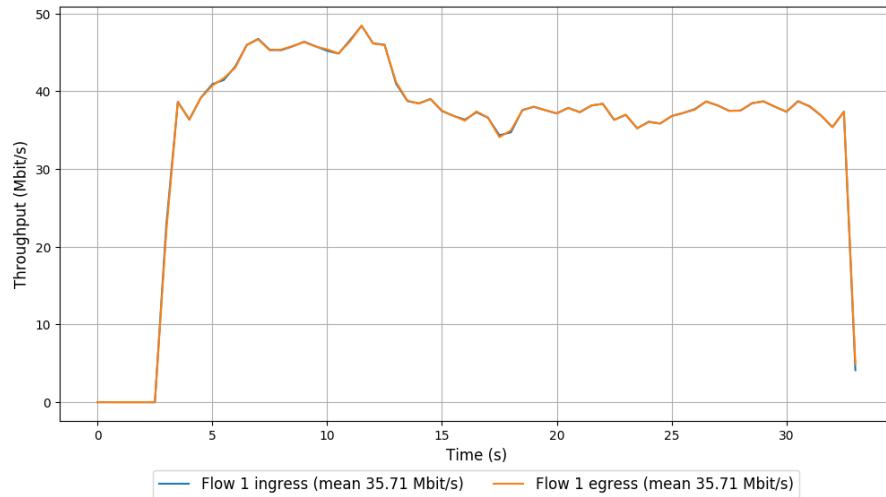


Run 1: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 18:58:24 +0000
End at: Thu, 29 Jun 2017 18:58:54 +0000
Local clock offset: -1.266 ms
Remote clock offset: -16.918 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 10.812 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 10.812 ms
Loss rate: 0.00%
```

## Run 1: Report of Copa — Data Link

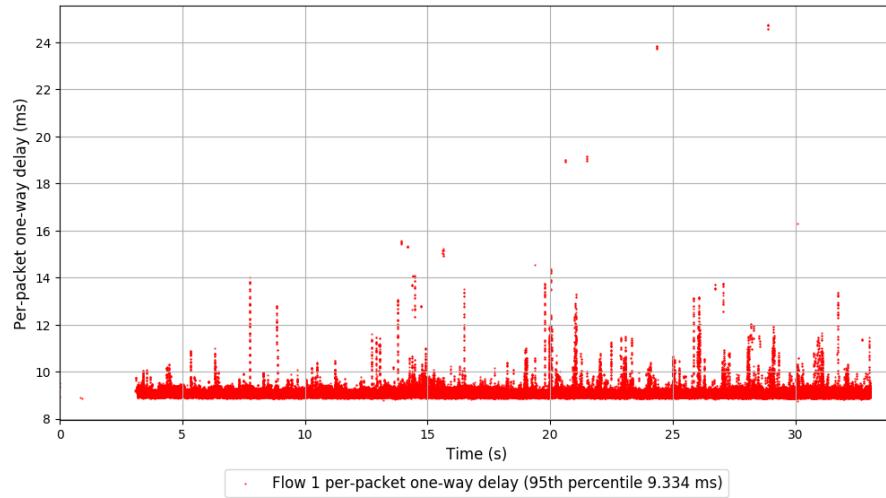
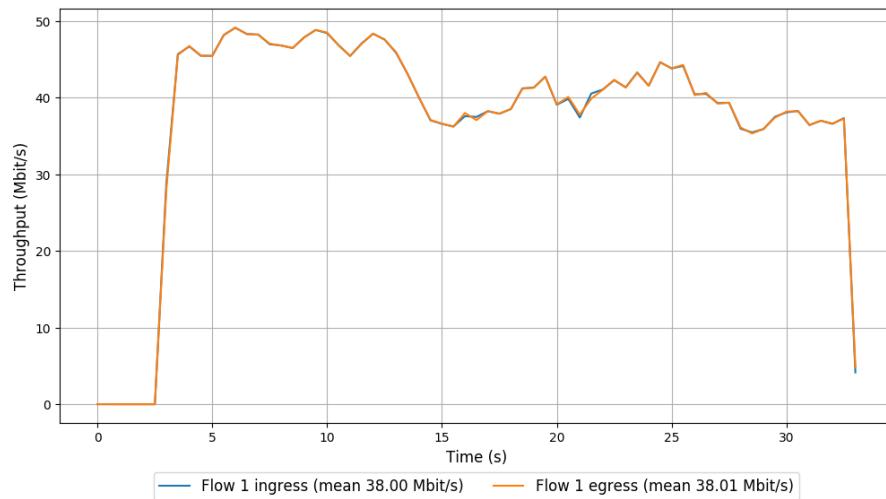


Run 2: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 19:16:49 +0000
End at: Thu, 29 Jun 2017 19:17:19 +0000
Local clock offset: 1.789 ms
Remote clock offset: -15.957 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 9.334 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 9.334 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

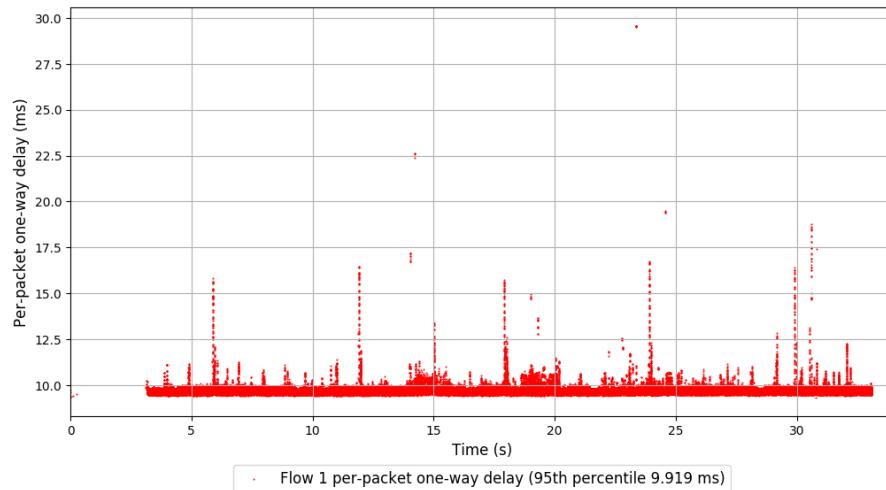
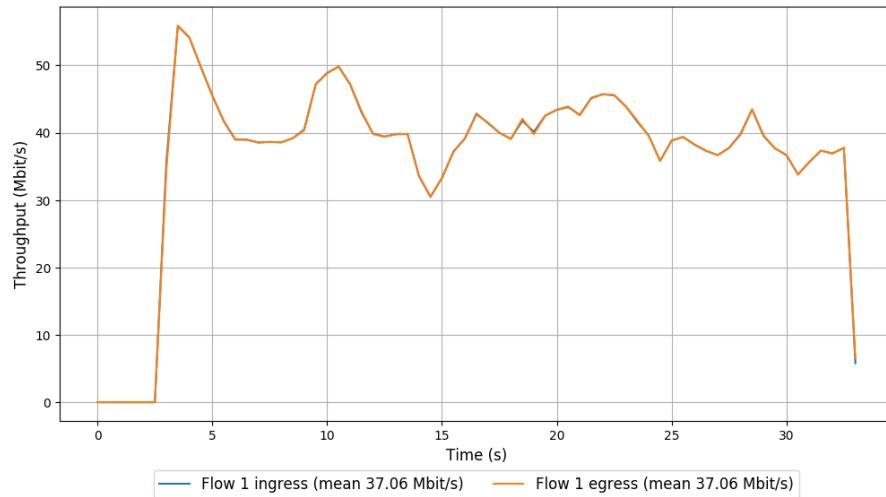


Run 3: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 19:34:49 +0000
End at: Thu, 29 Jun 2017 19:35:19 +0000
Local clock offset: -1.304 ms
Remote clock offset: -16.203 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.06 Mbit/s
95th percentile per-packet one-way delay: 9.919 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.06 Mbit/s
95th percentile per-packet one-way delay: 9.919 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

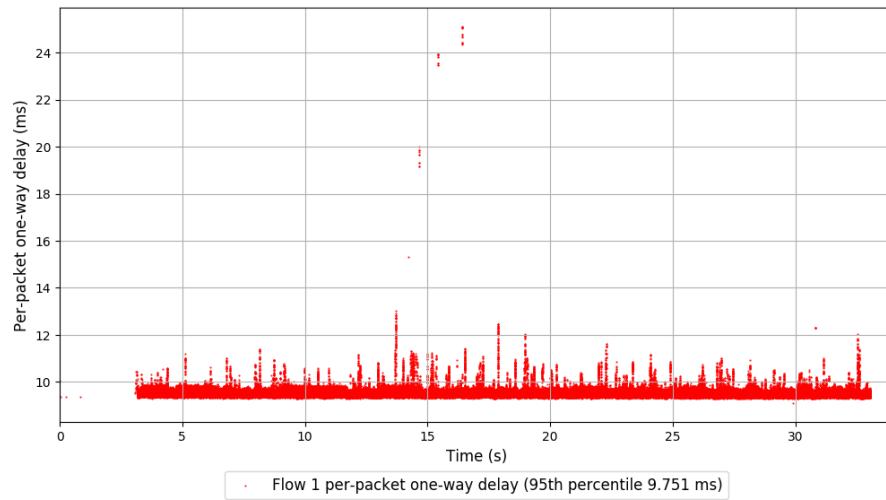
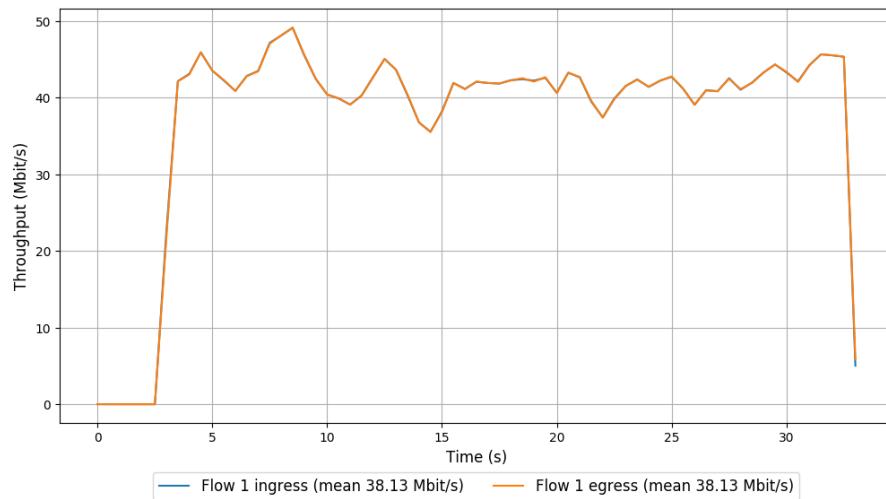


Run 4: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 19:53:12 +0000
End at: Thu, 29 Jun 2017 19:53:43 +0000
Local clock offset: 1.573 ms
Remote clock offset: -15.039 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.13 Mbit/s
95th percentile per-packet one-way delay: 9.751 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.13 Mbit/s
95th percentile per-packet one-way delay: 9.751 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

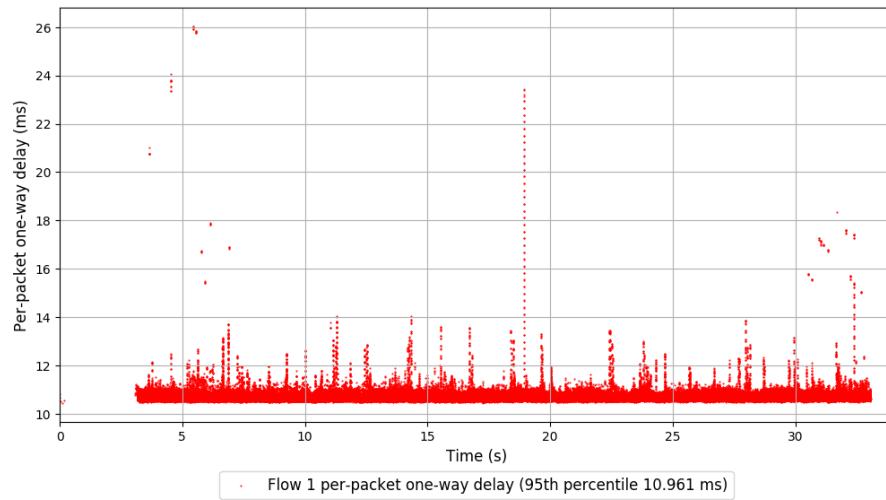
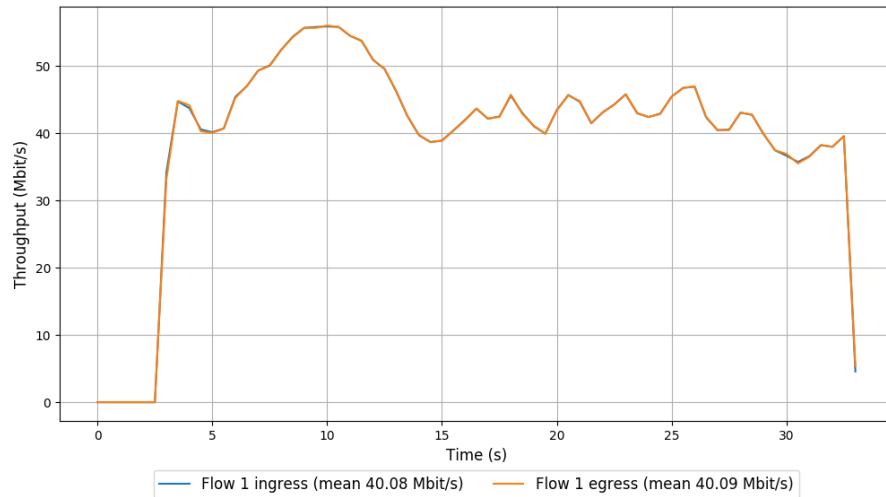


Run 5: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:11:32 +0000
End at: Thu, 29 Jun 2017 20:12:02 +0000
Local clock offset: 0.501 ms
Remote clock offset: -17.386 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 10.961 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 10.961 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

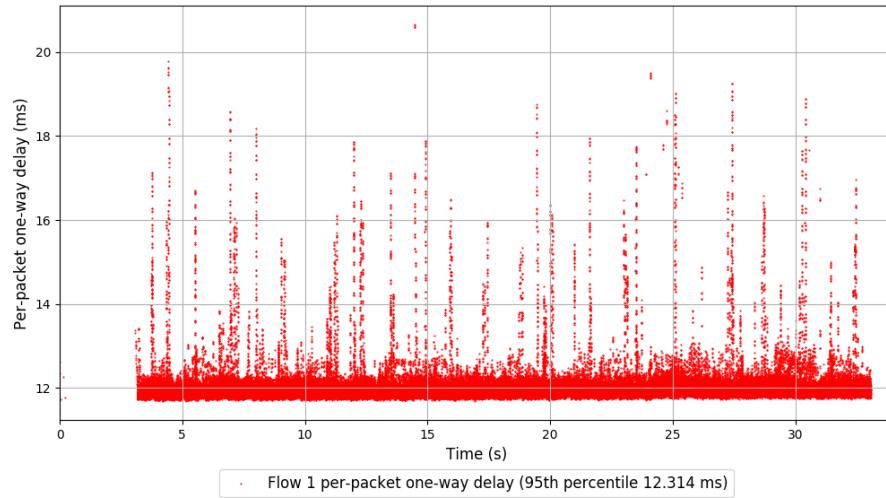
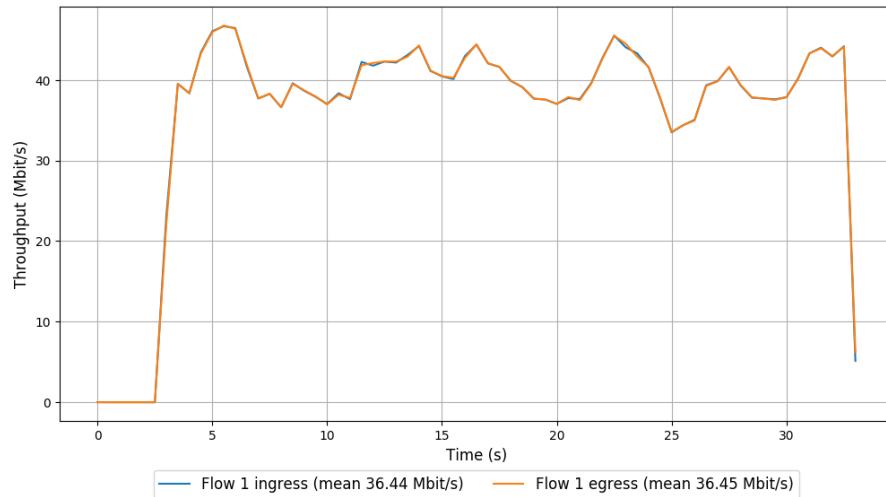


Run 6: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:29:39 +0000
End at: Thu, 29 Jun 2017 20:30:09 +0000
Local clock offset: -0.208 ms
Remote clock offset: -17.28 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 12.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 12.314 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

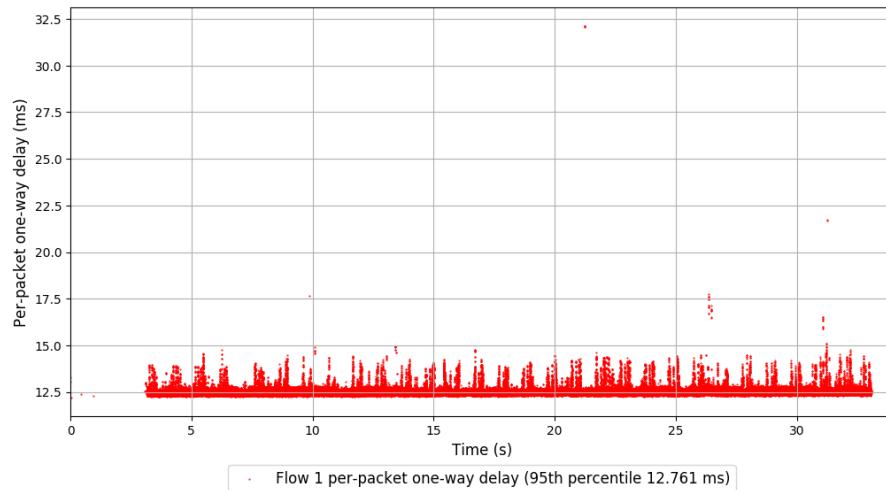
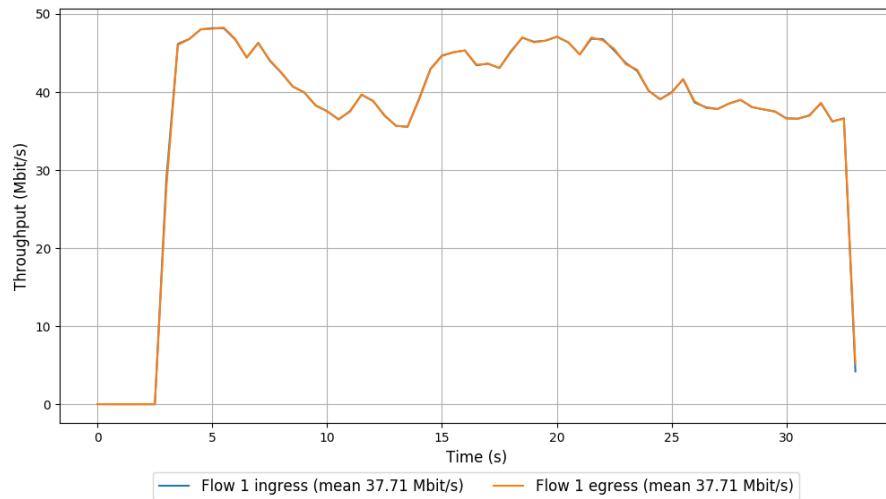


Run 7: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:48:02 +0000
End at: Thu, 29 Jun 2017 20:48:32 +0000
Local clock offset: 2.91 ms
Remote clock offset: -18.148 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.71 Mbit/s
95th percentile per-packet one-way delay: 12.761 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.71 Mbit/s
95th percentile per-packet one-way delay: 12.761 ms
Loss rate: 0.00%
```

## Run 7: Report of Copa — Data Link

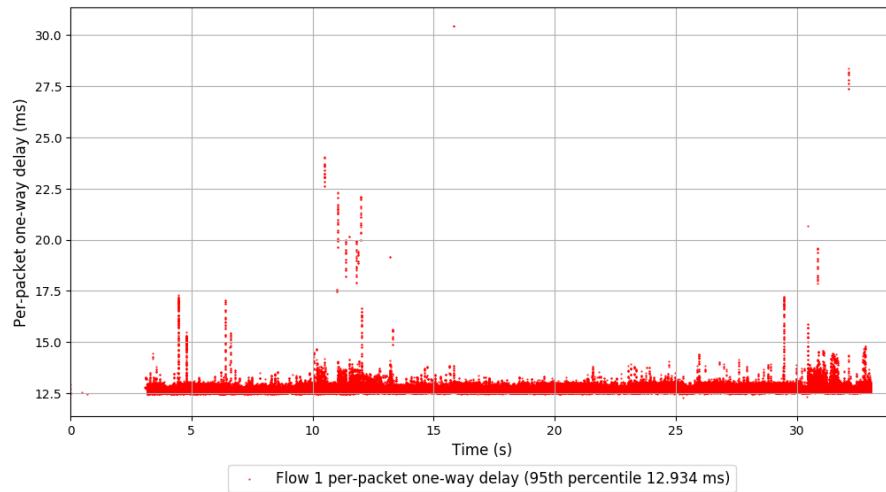
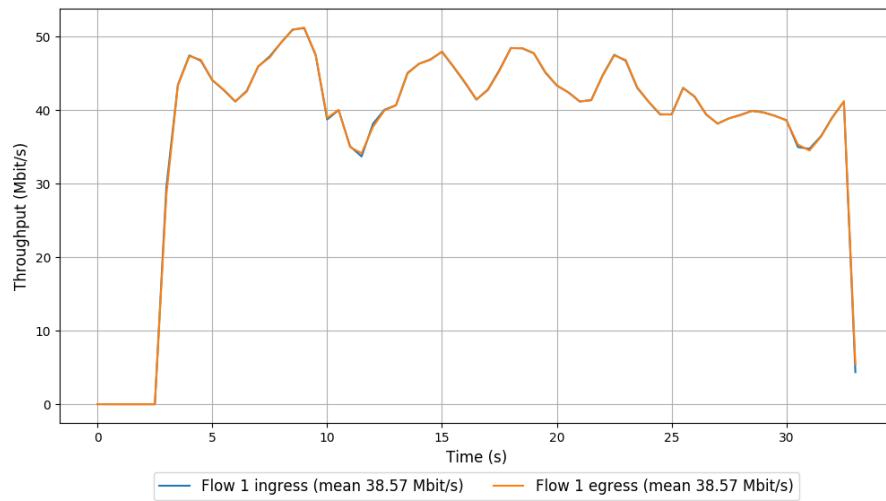


Run 8: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 21:05:52 +0000
End at: Thu, 29 Jun 2017 21:06:22 +0000
Local clock offset: 3.184 ms
Remote clock offset: -17.356 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:41:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 12.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 12.934 ms
Loss rate: 0.00%
```

## Run 8: Report of Copa — Data Link

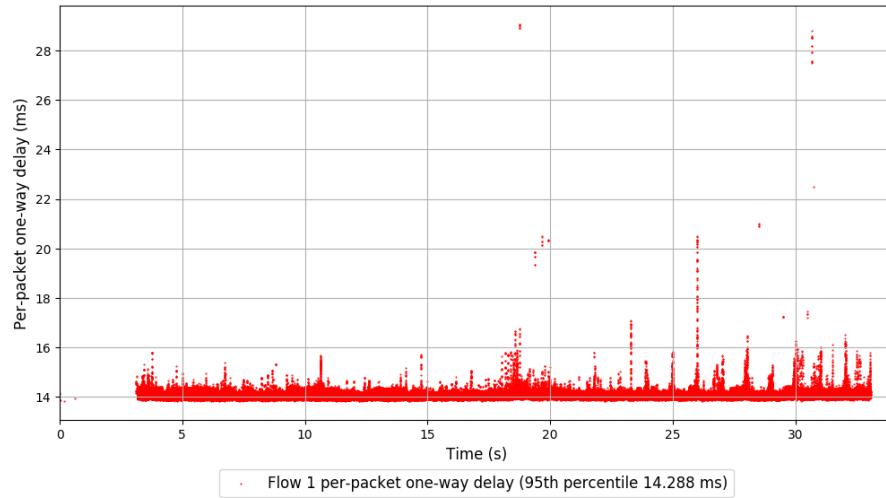
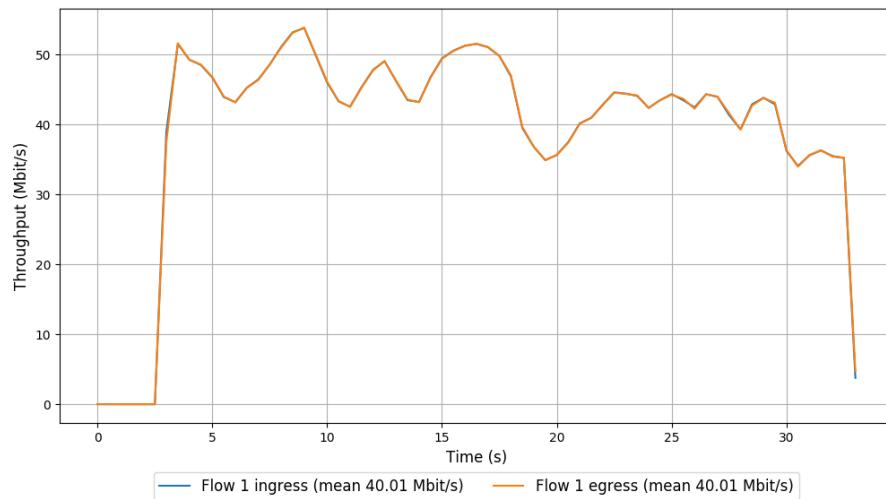


Run 9: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 21:23:45 +0000
End at: Thu, 29 Jun 2017 21:24:15 +0000
Local clock offset: 0.843 ms
Remote clock offset: -19.115 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.01 Mbit/s
95th percentile per-packet one-way delay: 14.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.01 Mbit/s
95th percentile per-packet one-way delay: 14.288 ms
Loss rate: 0.00%
```

## Run 9: Report of Copa — Data Link

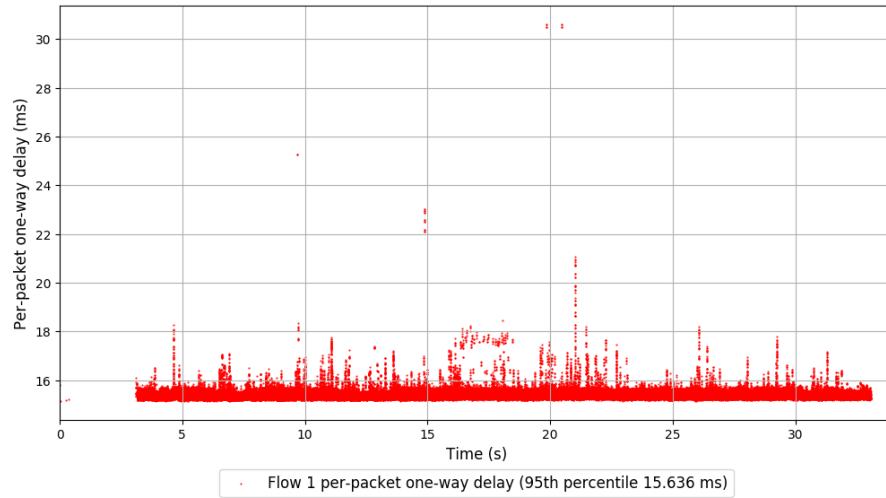
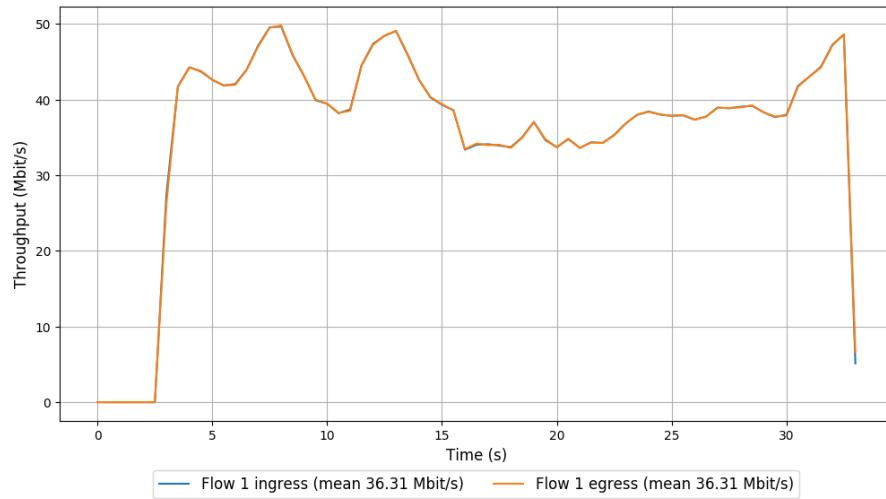


Run 10: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 21:42:02 +0000
End at: Thu, 29 Jun 2017 21:42:32 +0000
Local clock offset: 0.008 ms
Remote clock offset: -22.521 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 15.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 15.636 ms
Loss rate: 0.00%
```

## Run 10: Report of Copa — Data Link

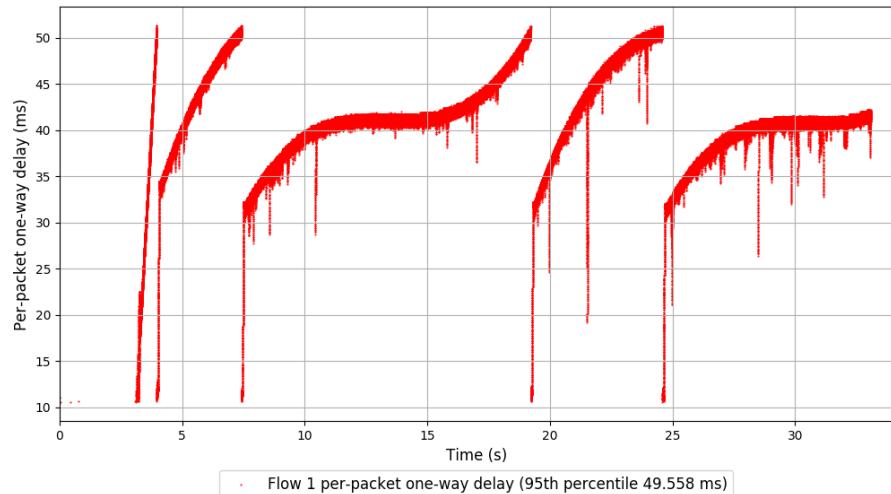
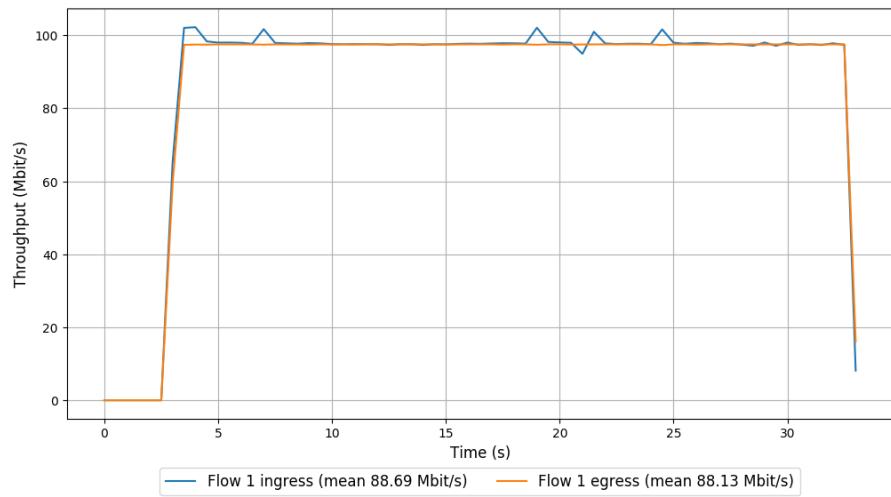


Run 1: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 18:54:43 +0000
End at: Thu, 29 Jun 2017 18:55:13 +0000
Local clock offset: 1.563 ms
Remote clock offset: -16.97 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.13 Mbit/s
95th percentile per-packet one-way delay: 49.558 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 88.13 Mbit/s
95th percentile per-packet one-way delay: 49.558 ms
Loss rate: 0.54%
```

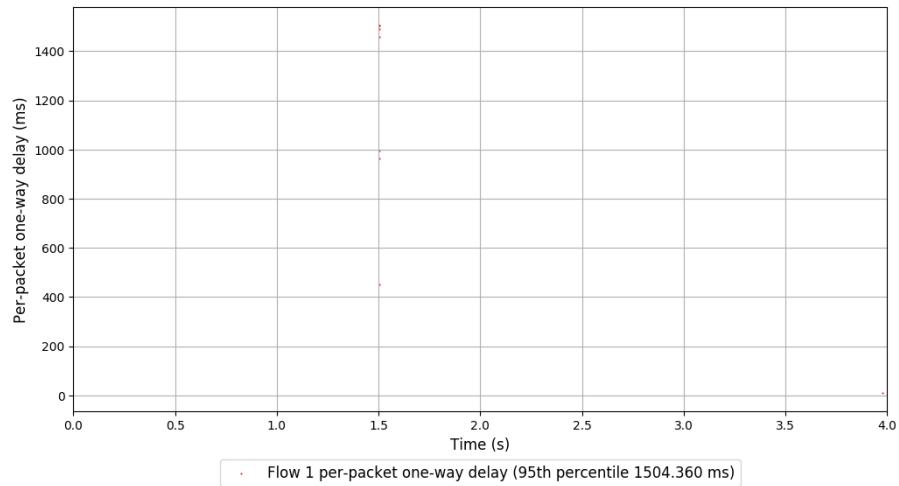
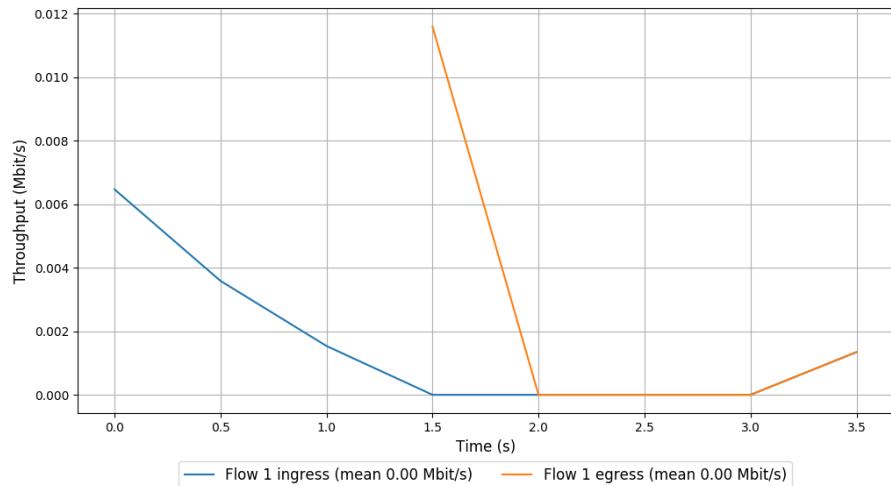
### Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 19:13:17 +0000  
End at: Thu, 29 Jun 2017 19:13:47 +0000  
Local clock offset: -1.988 ms  
Remote clock offset: -16.516 ms

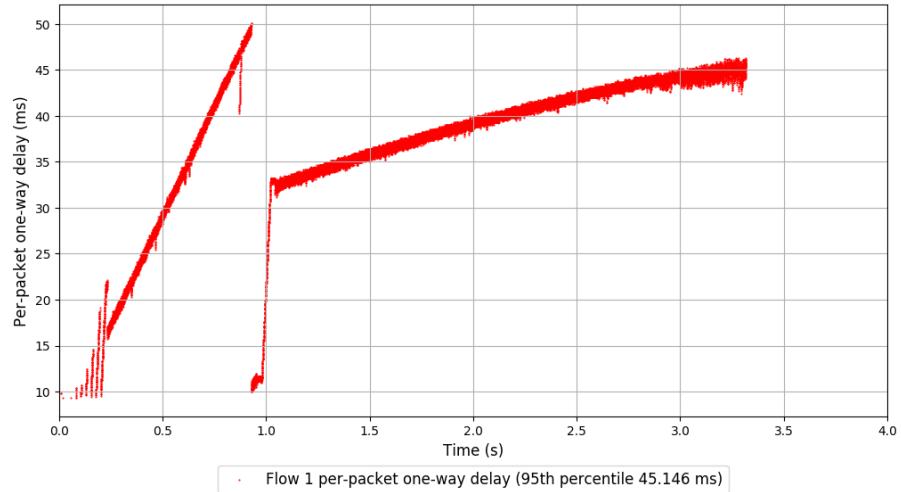
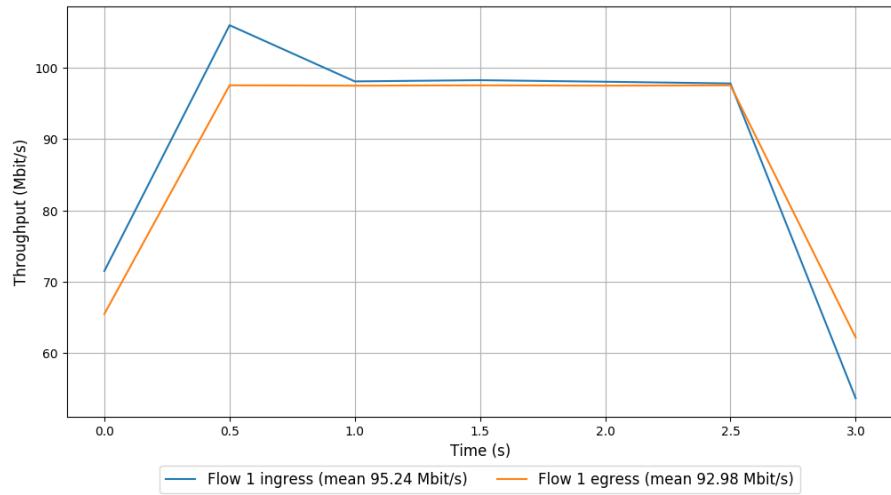
## Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 19:31:18 +0000  
End at: Thu, 29 Jun 2017 19:31:48 +0000  
Local clock offset: 2.559 ms  
Remote clock offset: -16.224 ms

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

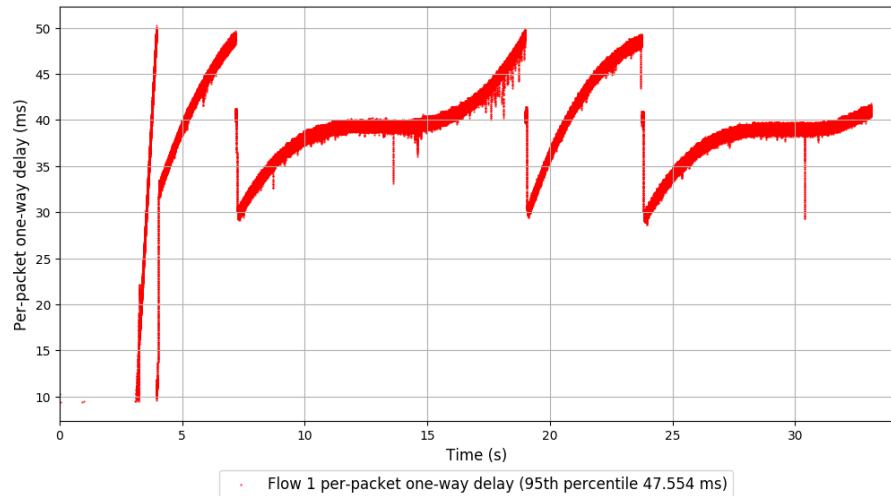
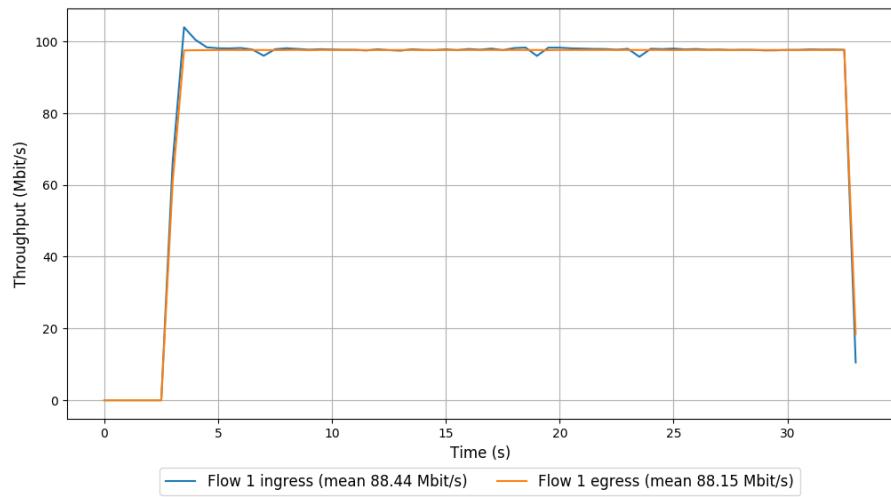


Run 4: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 19:49:27 +0000
End at: Thu, 29 Jun 2017 19:49:57 +0000
Local clock offset: -0.366 ms
Remote clock offset: -16.886 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 47.554 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 47.554 ms
Loss rate: 0.23%
```

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

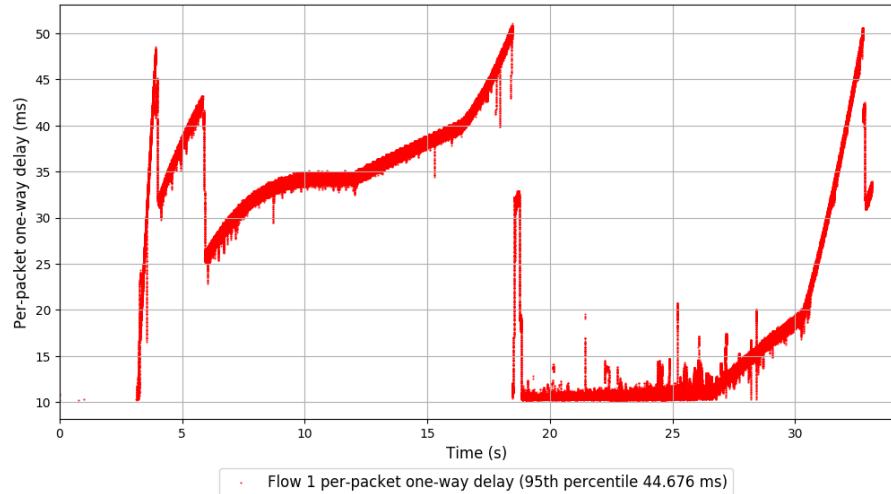
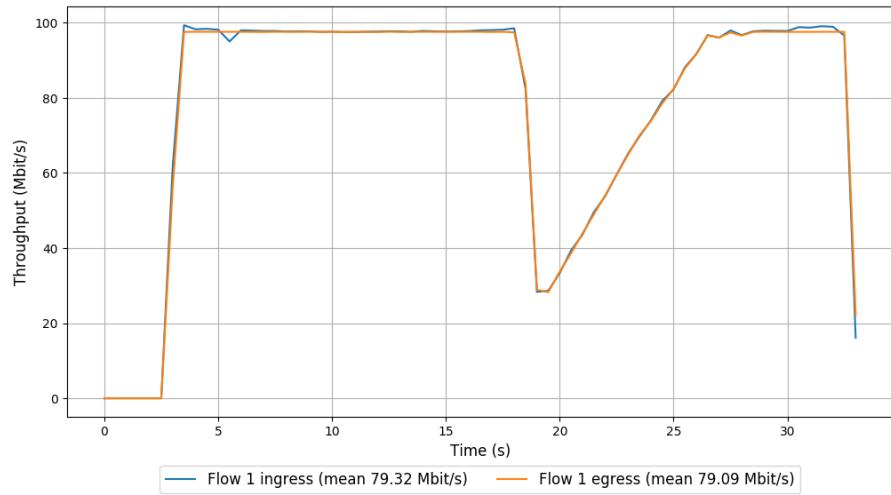


Run 5: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 20:07:45 +0000
End at: Thu, 29 Jun 2017 20:08:15 +0000
Local clock offset: 2.693 ms
Remote clock offset: -18.068 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.09 Mbit/s
95th percentile per-packet one-way delay: 44.676 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 79.09 Mbit/s
95th percentile per-packet one-way delay: 44.676 ms
Loss rate: 0.23%
```

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

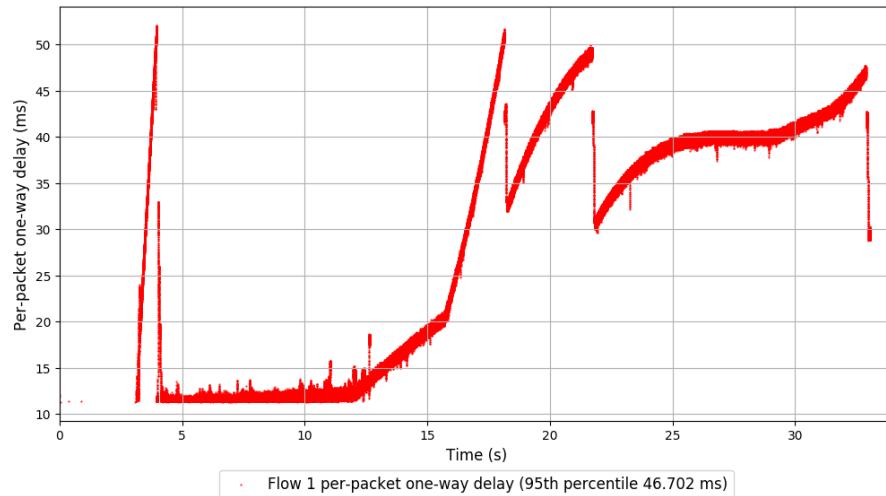
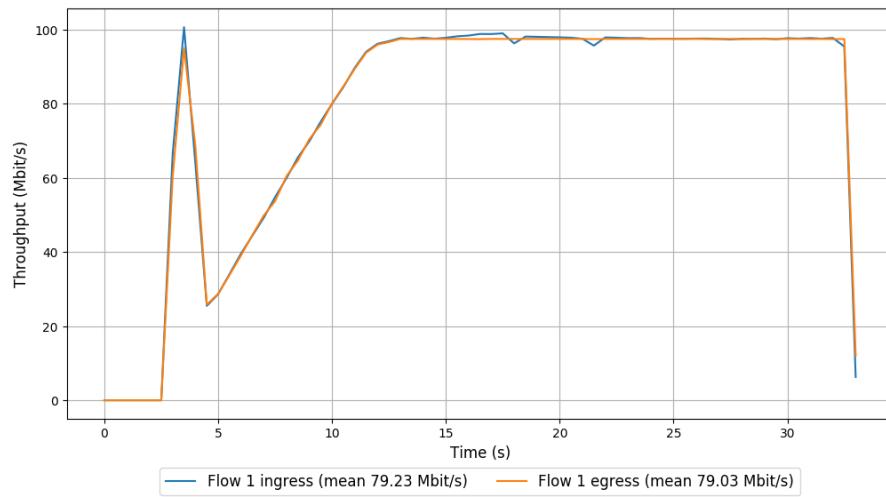


Run 6: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 20:26:01 +0000
End at: Thu, 29 Jun 2017 20:26:31 +0000
Local clock offset: 0.359 ms
Remote clock offset: -16.685 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 46.702 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 46.702 ms
Loss rate: 0.20%
```

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



Run 7: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 20:44:18 +0000

End at: Thu, 29 Jun 2017 20:44:48 +0000

Local clock offset: 3.22 ms

Remote clock offset: -17.519 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.14 Mbit/s

95th percentile per-packet one-way delay: 50.115 ms

Loss rate: 0.32%

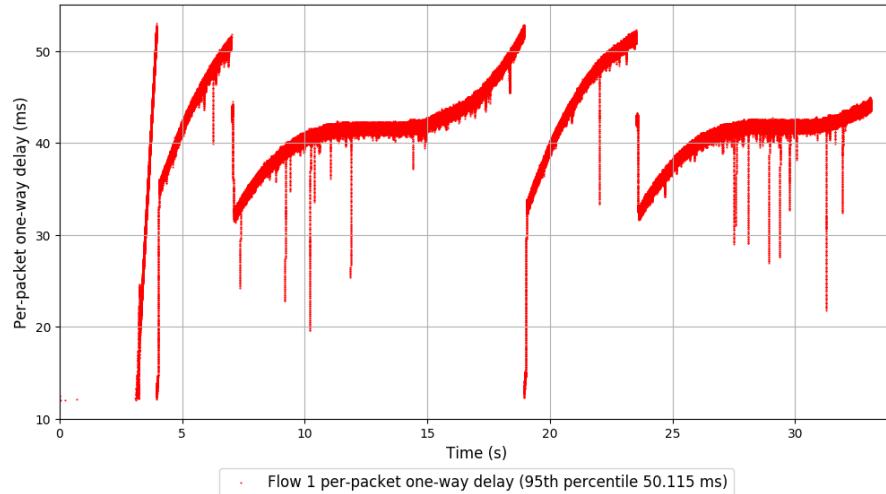
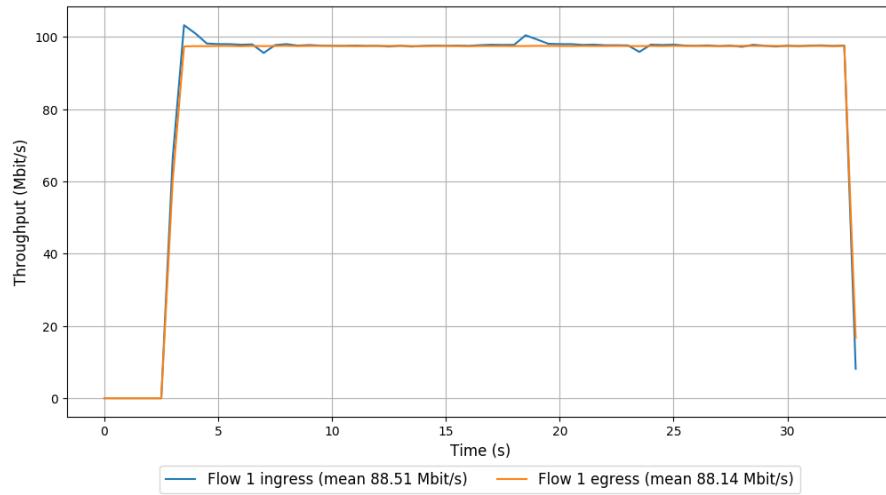
-- Flow 1:

Average throughput: 88.14 Mbit/s

95th percentile per-packet one-way delay: 50.115 ms

Loss rate: 0.32%

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

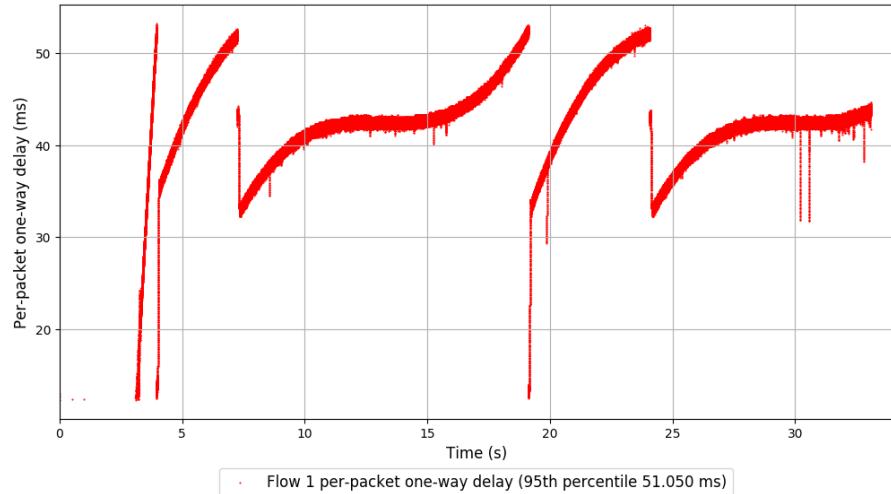
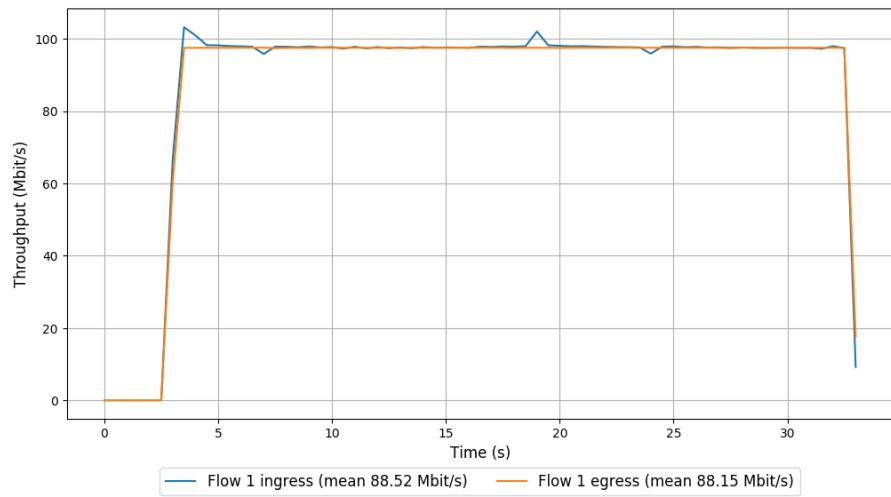


Run 8: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 21:02:11 +0000
End at: Thu, 29 Jun 2017 21:02:41 +0000
Local clock offset: 2.282 ms
Remote clock offset: -17.925 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 51.050 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 51.050 ms
Loss rate: 0.33%
```

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

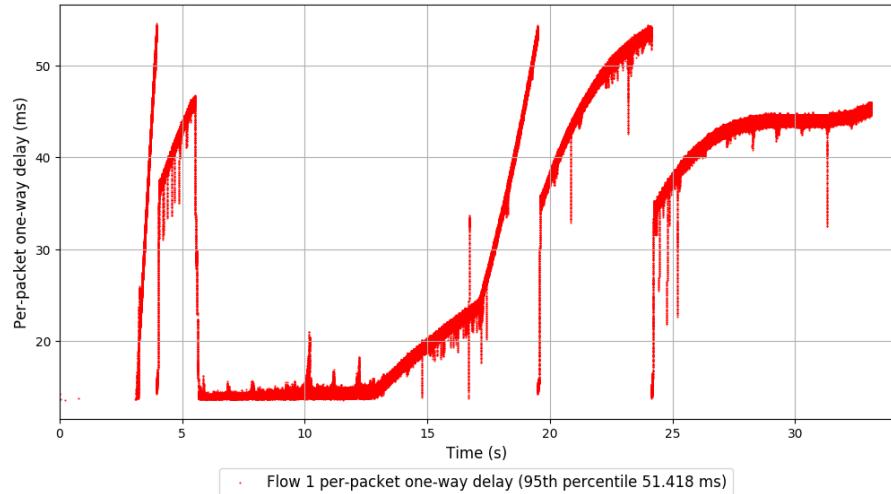
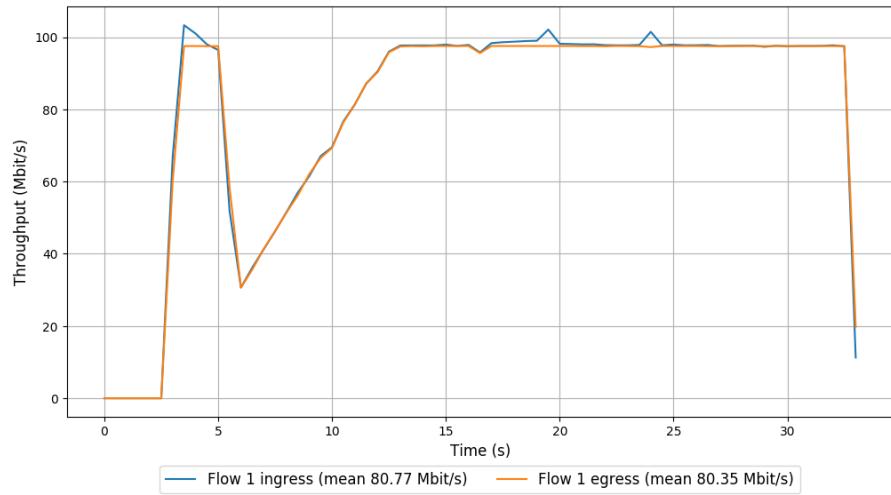


Run 9: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 21:19:59 +0000
End at: Thu, 29 Jun 2017 21:20:29 +0000
Local clock offset: 2.528 ms
Remote clock offset: -19.439 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.35 Mbit/s
95th percentile per-packet one-way delay: 51.418 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 80.35 Mbit/s
95th percentile per-packet one-way delay: 51.418 ms
Loss rate: 0.45%
```

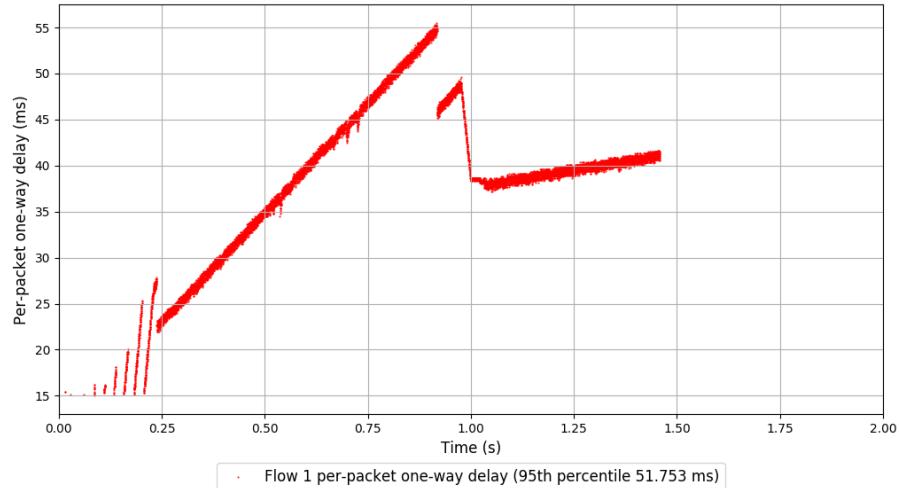
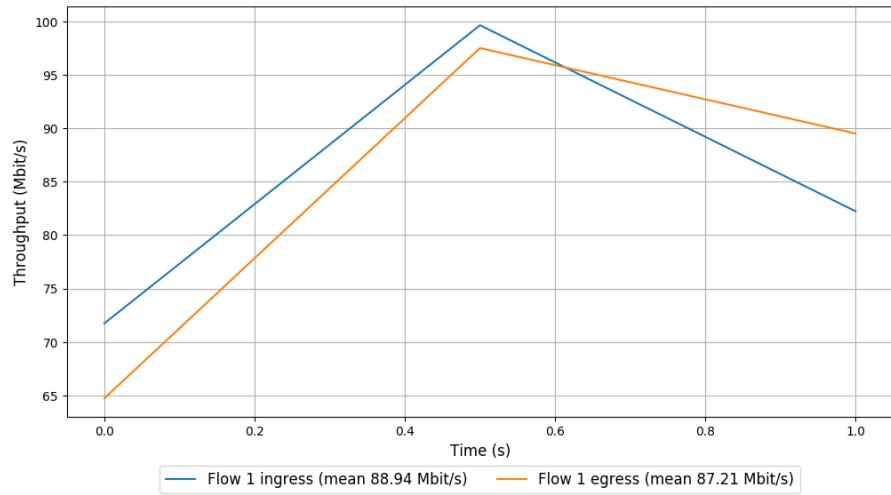
### Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 21:38:33 +0000  
End at: Thu, 29 Jun 2017 21:39:03 +0000  
Local clock offset: 2.54 ms  
Remote clock offset: -21.366 ms

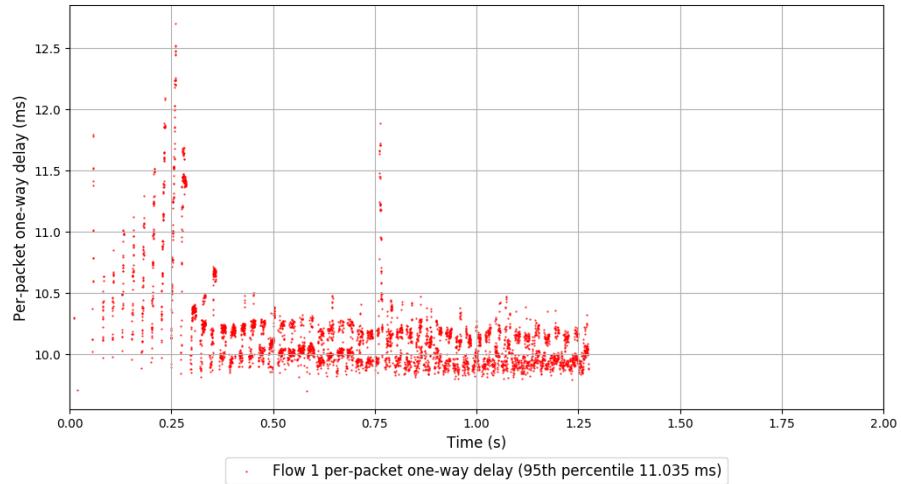
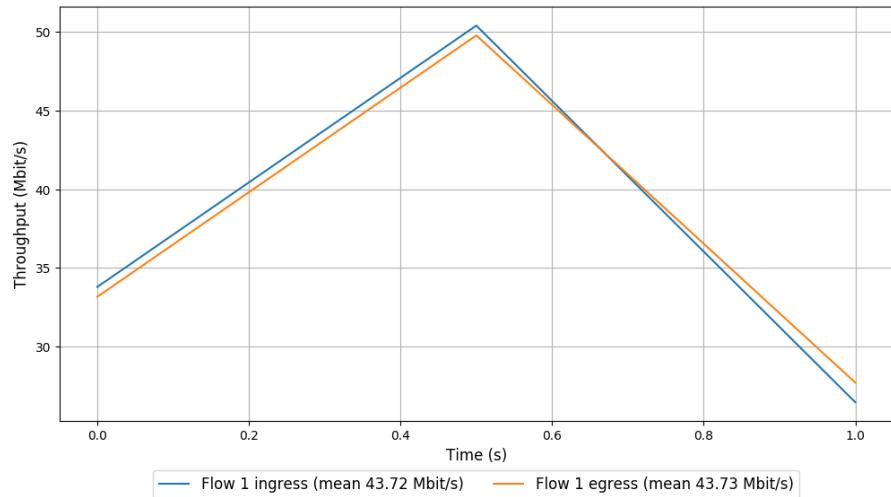
## Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:04:34 +0000  
End at: Thu, 29 Jun 2017 19:05:04 +0000  
Local clock offset: -0.473 ms  
Remote clock offset: -17.357 ms

## Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:22:47 +0000  
End at: Thu, 29 Jun 2017 19:23:17 +0000  
Local clock offset: 1.906 ms  
Remote clock offset: -15.701 ms

Run 2: Report of KohoCC — Data Link

Figure is missing

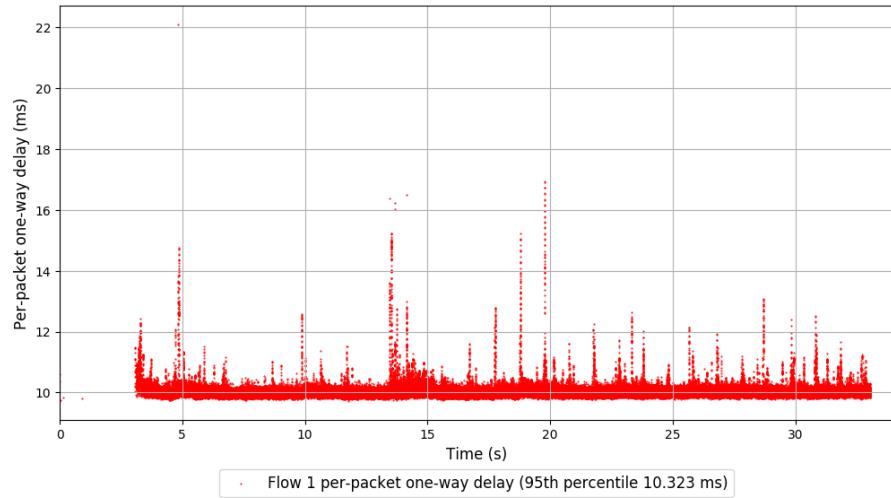
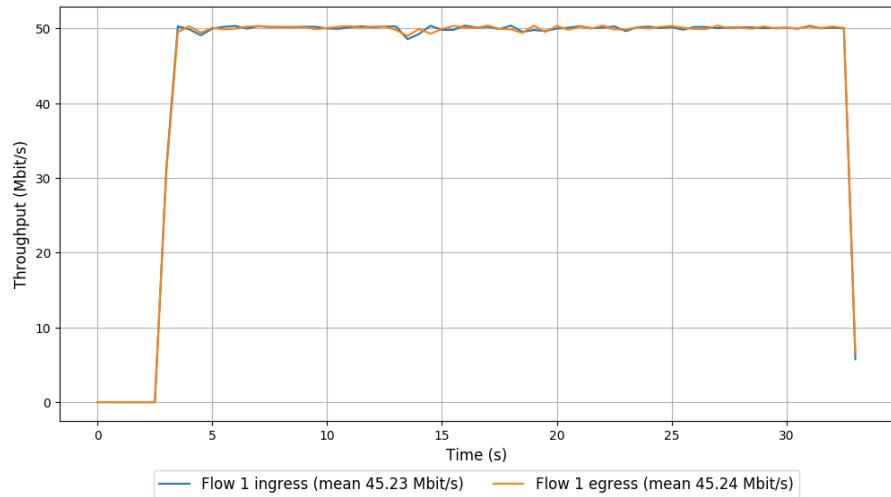
Figure is missing

Run 3: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 19:40:50 +0000
End at: Thu, 29 Jun 2017 19:41:20 +0000
Local clock offset: -0.753 ms
Remote clock offset: -15.812 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:42:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.24 Mbit/s
95th percentile per-packet one-way delay: 10.323 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.24 Mbit/s
95th percentile per-packet one-way delay: 10.323 ms
Loss rate: 0.00%
```

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



Run 4: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 19:59:06 +0000  
End at: Thu, 29 Jun 2017 19:59:36 +0000  
Local clock offset: 0.184 ms  
Remote clock offset: -15.3 ms

Run 4: Report of KohoCC — Data Link

Figure is missing

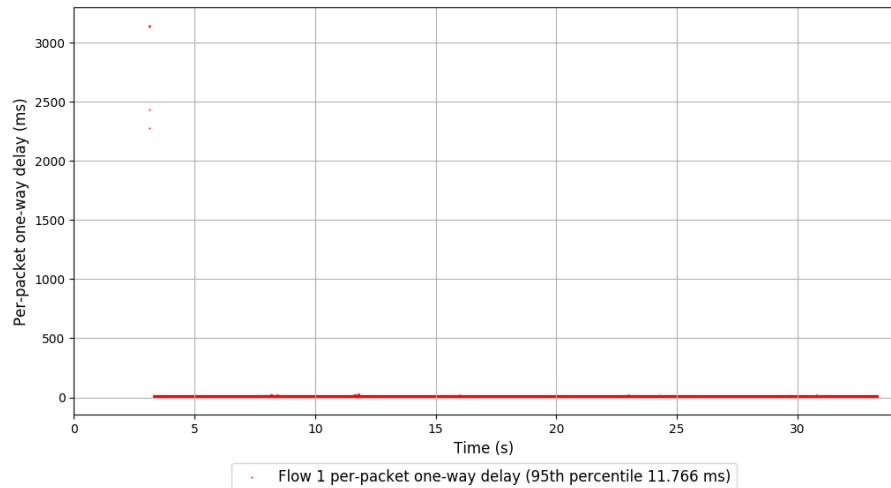
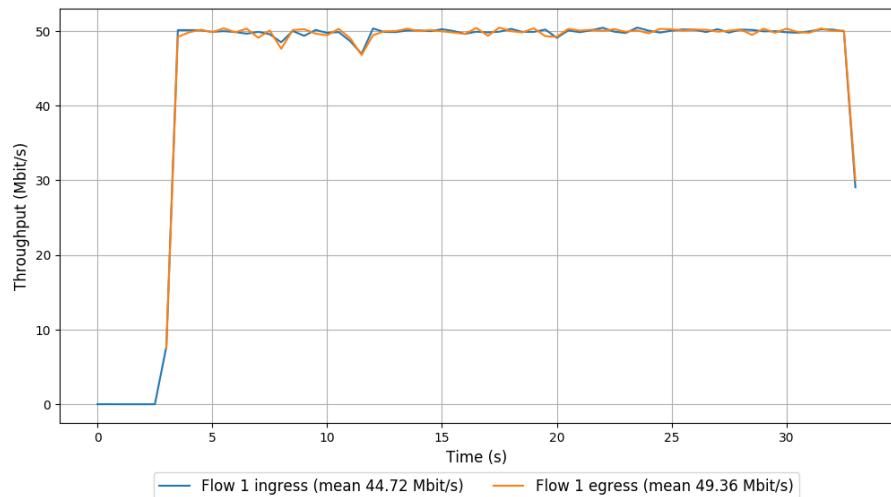
Figure is missing

Run 5: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 20:17:27 +0000
End at: Thu, 29 Jun 2017 20:17:57 +0000
Local clock offset: -0.192 ms
Remote clock offset: -17.288 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.36 Mbit/s
95th percentile per-packet one-way delay: 11.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.36 Mbit/s
95th percentile per-packet one-way delay: 11.766 ms
Loss rate: 0.00%
```

## Run 5: Report of KohoCC — Data Link

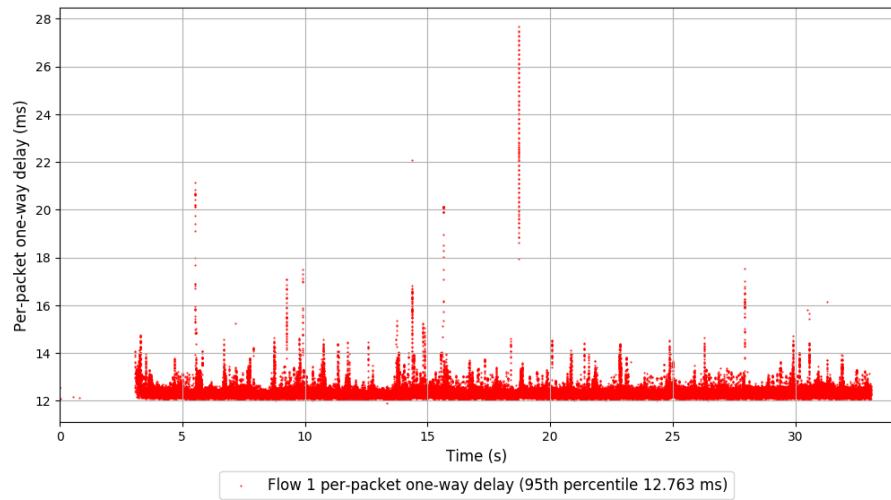
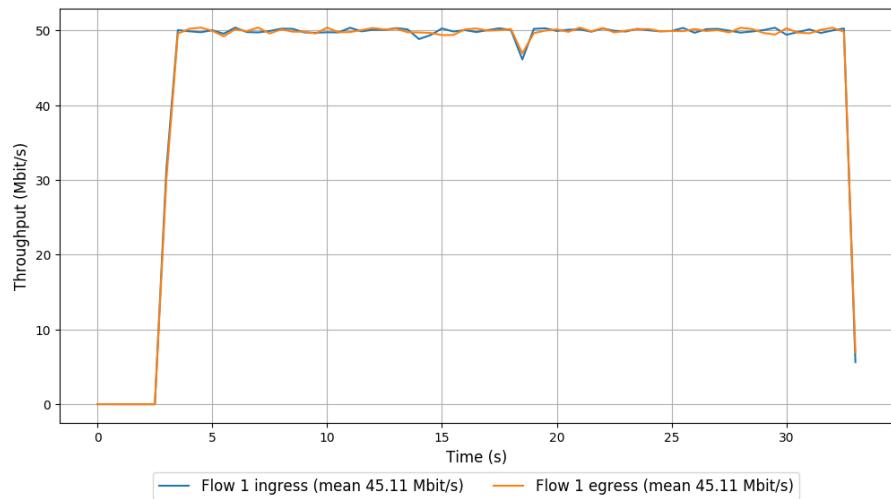


Run 6: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 20:35:26 +0000
End at: Thu, 29 Jun 2017 20:35:56 +0000
Local clock offset: 3.313 ms
Remote clock offset: -17.9 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 12.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 12.763 ms
Loss rate: 0.00%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 20:53:51 +0000  
End at: Thu, 29 Jun 2017 20:54:21 +0000  
Local clock offset: 3.612 ms  
Remote clock offset: -17.701 ms

Run 7: Report of KohoCC — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:11:41 +0000  
End at: Thu, 29 Jun 2017 21:12:11 +0000  
Local clock offset: -0.232 ms  
Remote clock offset: -19.329 ms

Run 8: Report of KohoCC — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 21:29:42 +0000  
End at: Thu, 29 Jun 2017 21:30:12 +0000  
Local clock offset: 1.247 ms  
Remote clock offset: -19.417 ms

Run 9: Report of KohoCC — Data Link

Figure is missing

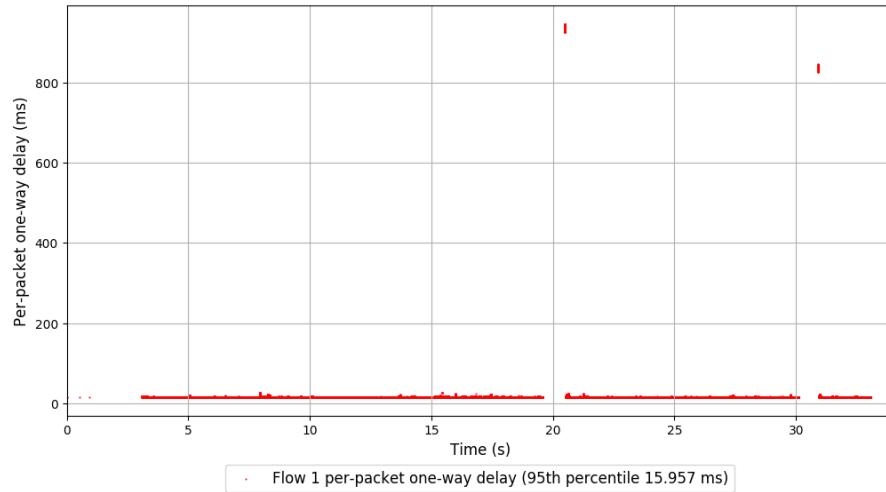
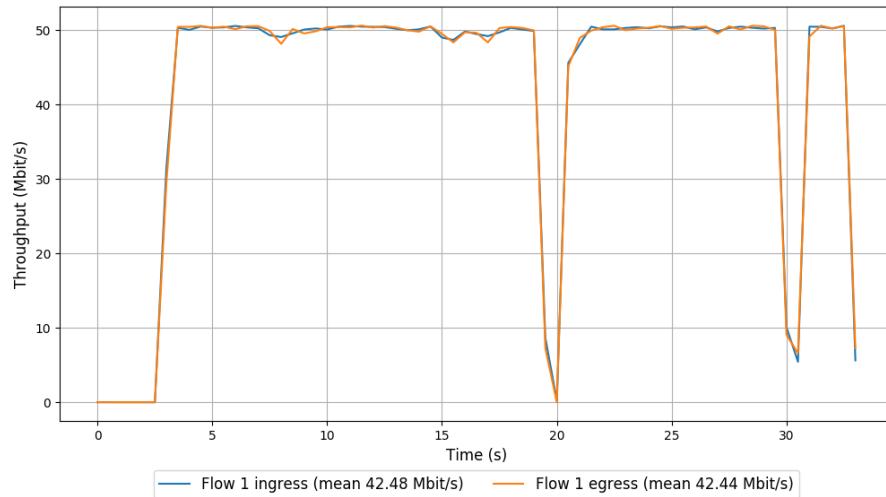
Figure is missing

Run 10: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 21:47:55 +0000
End at: Thu, 29 Jun 2017 21:48:25 +0000
Local clock offset: 2.56 ms
Remote clock offset: -20.41 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.44 Mbit/s
95th percentile per-packet one-way delay: 15.957 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 42.44 Mbit/s
95th percentile per-packet one-way delay: 15.957 ms
Loss rate: 0.09%
```

## Run 10: Report of KohoCC — Data Link

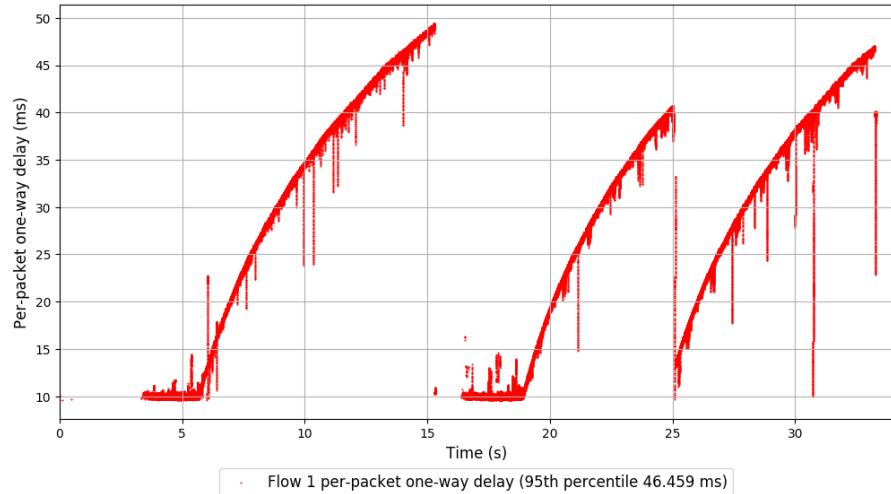
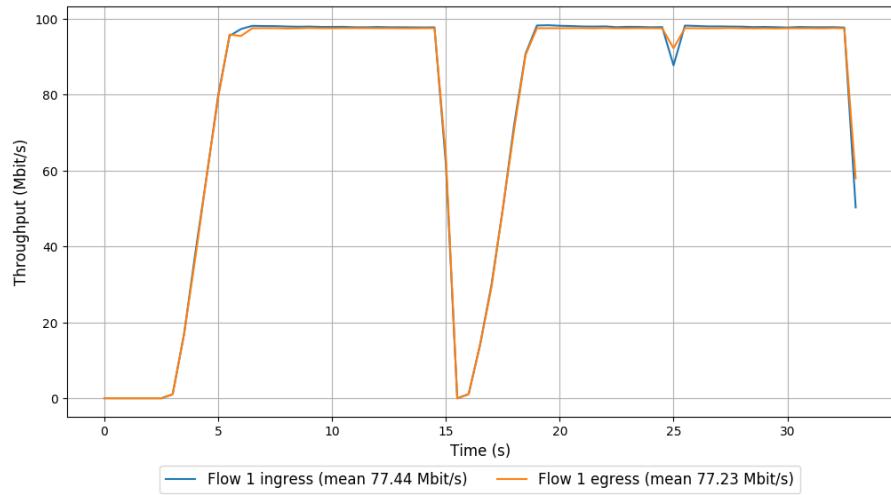


```
Run 1: Statistics of LEDBAT
```

```
Start at: Thu, 29 Jun 2017 19:06:53 +0000
End at: Thu, 29 Jun 2017 19:07:23 +0000
Local clock offset: 1.879 ms
Remote clock offset: -15.086 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 46.459 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 46.459 ms
Loss rate: 0.18%
```

## Run 1: Report of LEDBAT — Data Link

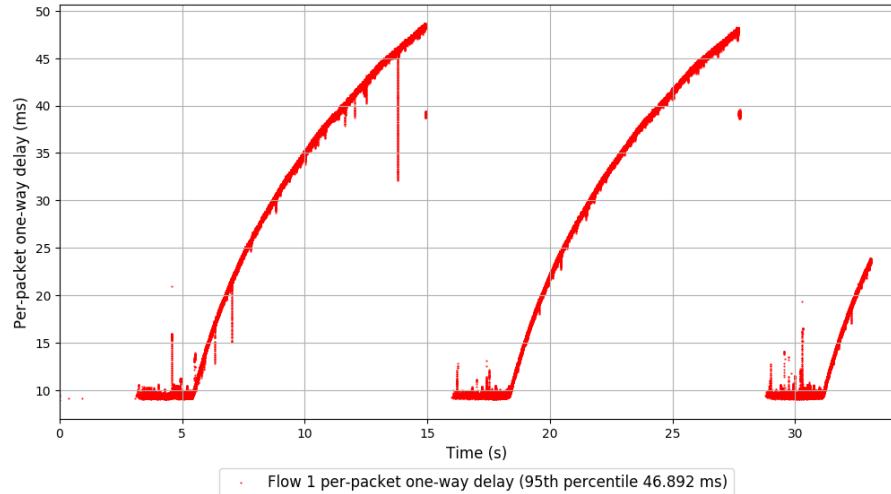
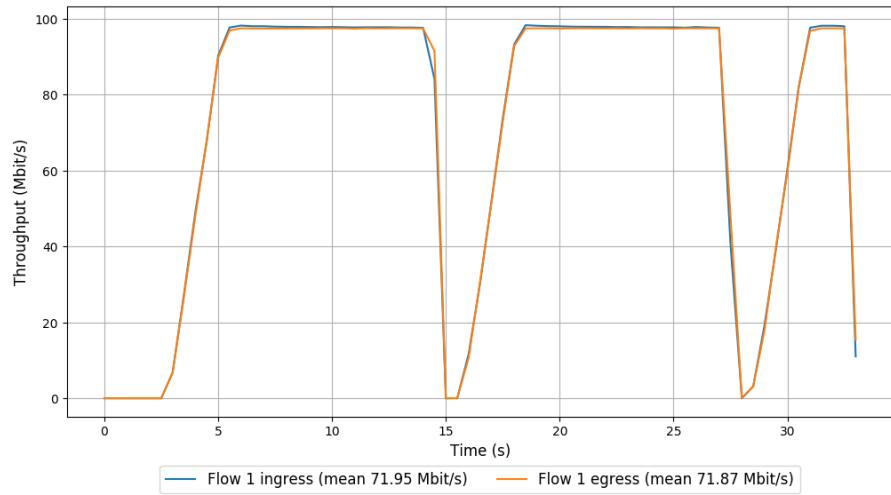


Run 2: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 19:25:06 +0000
End at: Thu, 29 Jun 2017 19:25:36 +0000
Local clock offset: 1.32 ms
Remote clock offset: -17.154 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.87 Mbit/s
95th percentile per-packet one-way delay: 46.892 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 71.87 Mbit/s
95th percentile per-packet one-way delay: 46.892 ms
Loss rate: 0.08%
```

## Run 2: Report of LEDBAT — Data Link

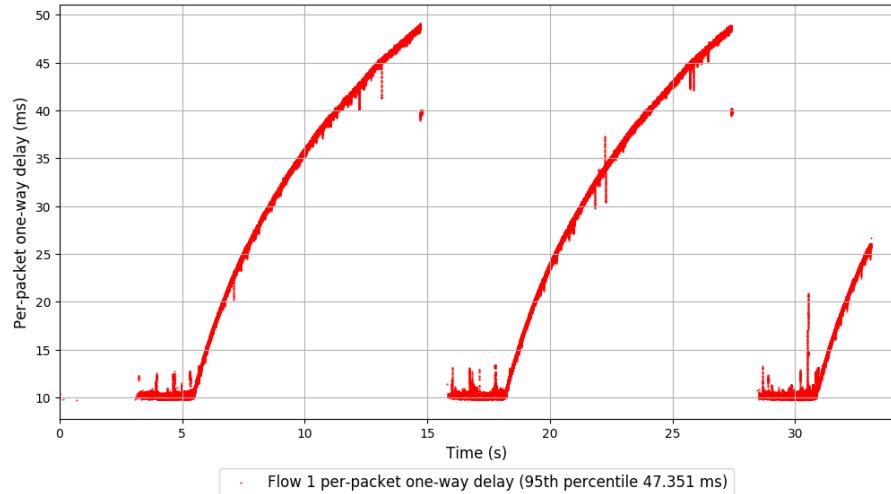
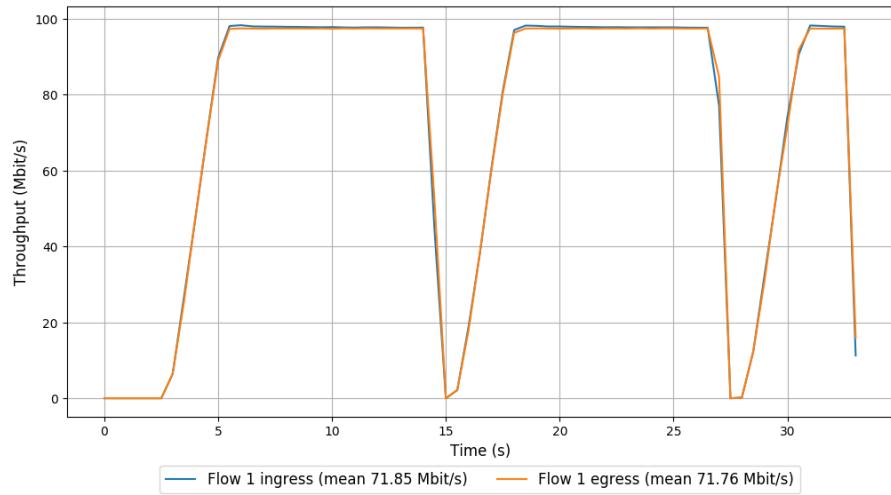


Run 3: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 19:43:20 +0000
End at: Thu, 29 Jun 2017 19:43:50 +0000
Local clock offset: 2.462 ms
Remote clock offset: -15.745 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 47.351 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 71.76 Mbit/s
95th percentile per-packet one-way delay: 47.351 ms
Loss rate: 0.08%
```

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

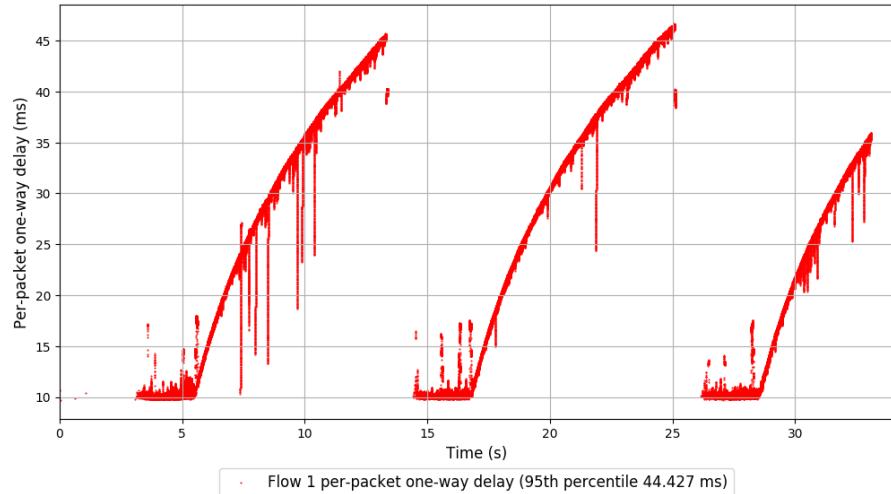
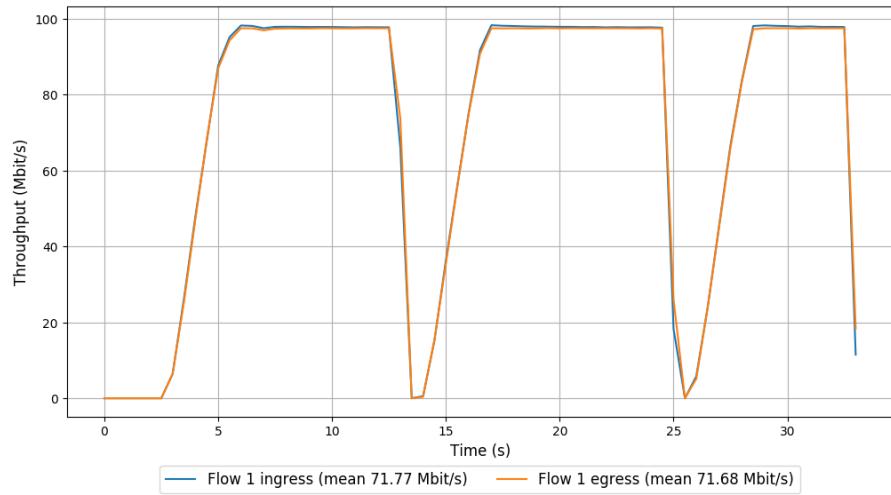


Run 4: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:01:31 +0000
End at: Thu, 29 Jun 2017 20:02:01 +0000
Local clock offset: -0.275 ms
Remote clock offset: -15.973 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.68 Mbit/s
95th percentile per-packet one-way delay: 44.427 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 71.68 Mbit/s
95th percentile per-packet one-way delay: 44.427 ms
Loss rate: 0.05%
```

## Run 4: Report of LEDBAT — Data Link

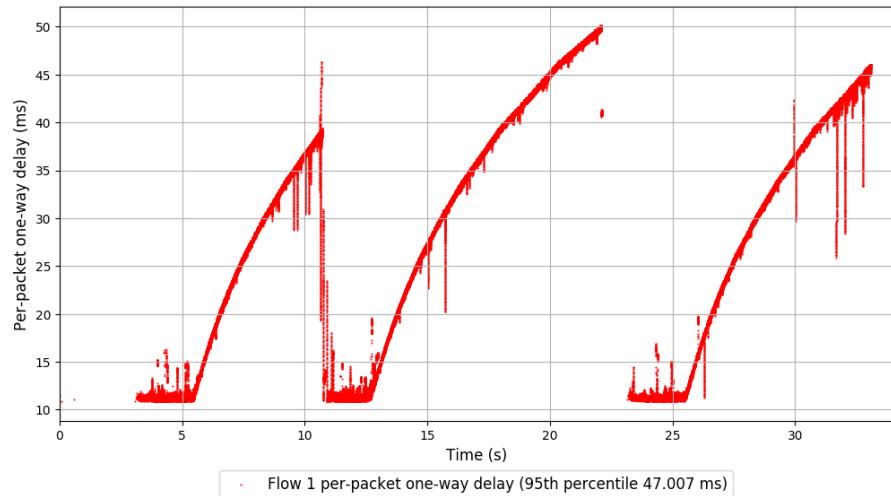
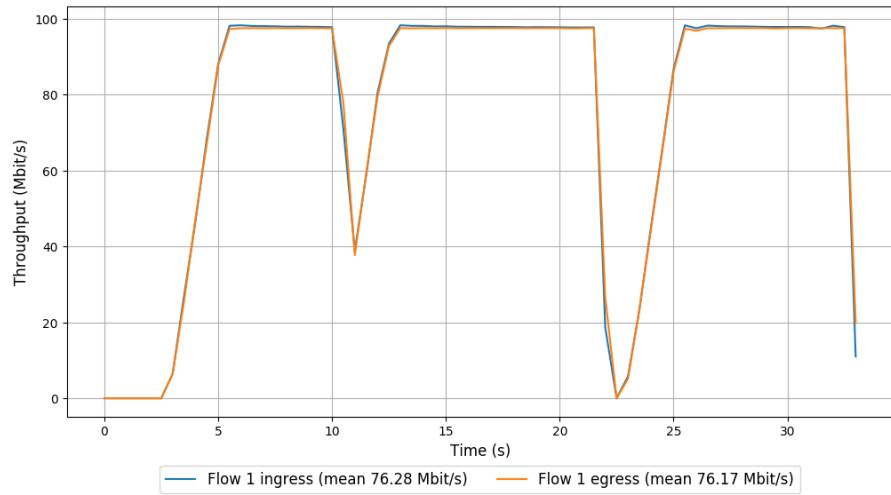


Run 5: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:19:53 +0000
End at: Thu, 29 Jun 2017 20:20:24 +0000
Local clock offset: 0.006 ms
Remote clock offset: -17.051 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.17 Mbit/s
95th percentile per-packet one-way delay: 47.007 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 76.17 Mbit/s
95th percentile per-packet one-way delay: 47.007 ms
Loss rate: 0.04%
```

## Run 5: Report of LEDBAT — Data Link

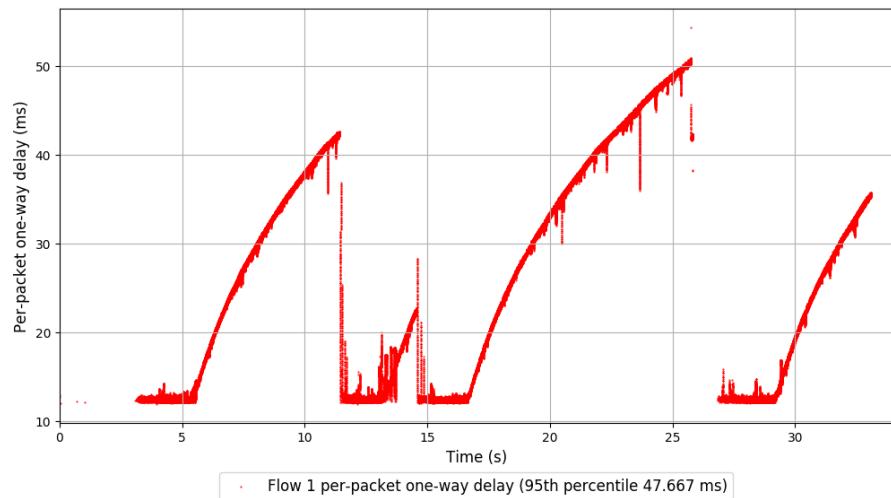
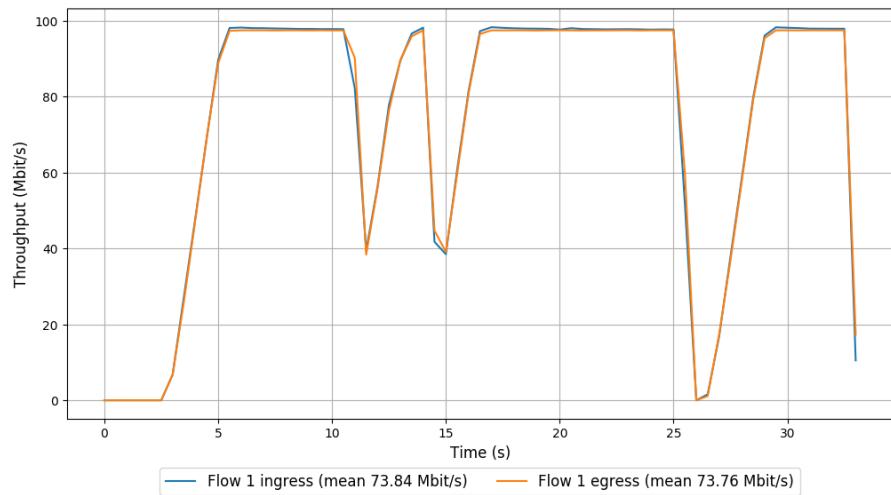


Run 6: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:37:52 +0000
End at: Thu, 29 Jun 2017 20:38:22 +0000
Local clock offset: 0.827 ms
Remote clock offset: -18.063 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.76 Mbit/s
95th percentile per-packet one-way delay: 47.667 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 73.76 Mbit/s
95th percentile per-packet one-way delay: 47.667 ms
Loss rate: 0.04%
```

## Run 6: Report of LEDBAT — Data Link

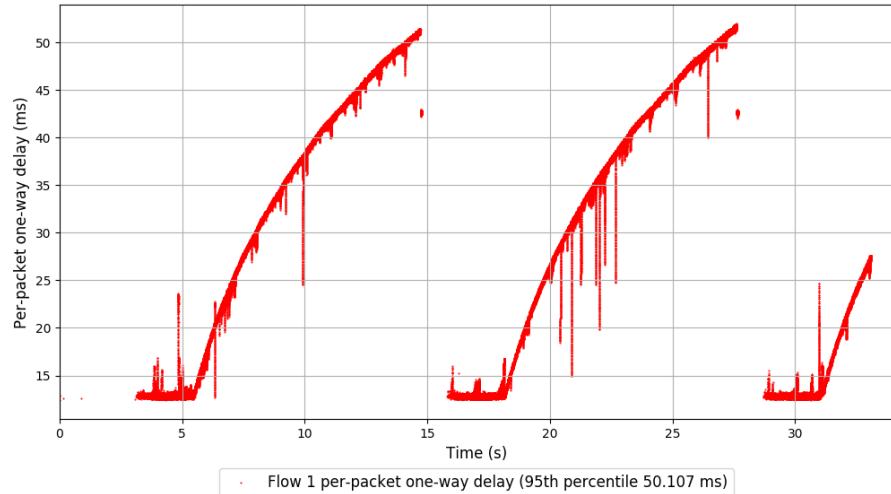
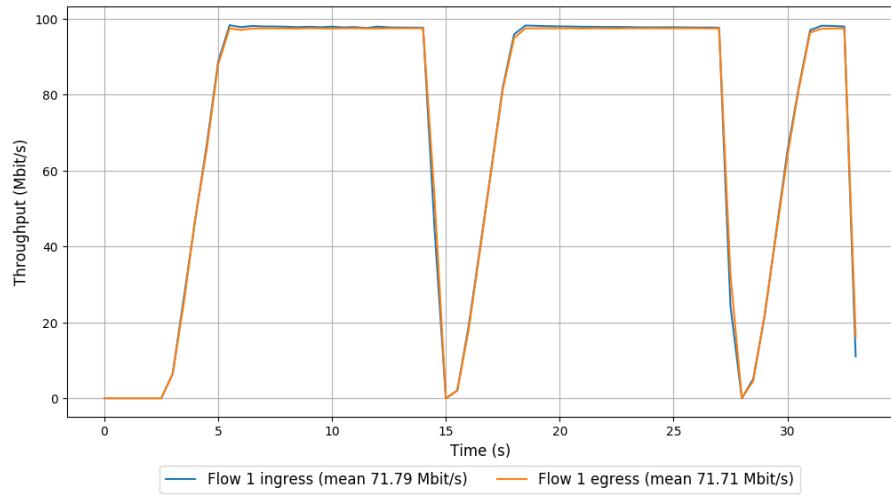


Run 7: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:56:07 +0000
End at: Thu, 29 Jun 2017 20:56:37 +0000
Local clock offset: 0.616 ms
Remote clock offset: -18.711 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.71 Mbit/s
95th percentile per-packet one-way delay: 50.107 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 71.71 Mbit/s
95th percentile per-packet one-way delay: 50.107 ms
Loss rate: 0.07%
```

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

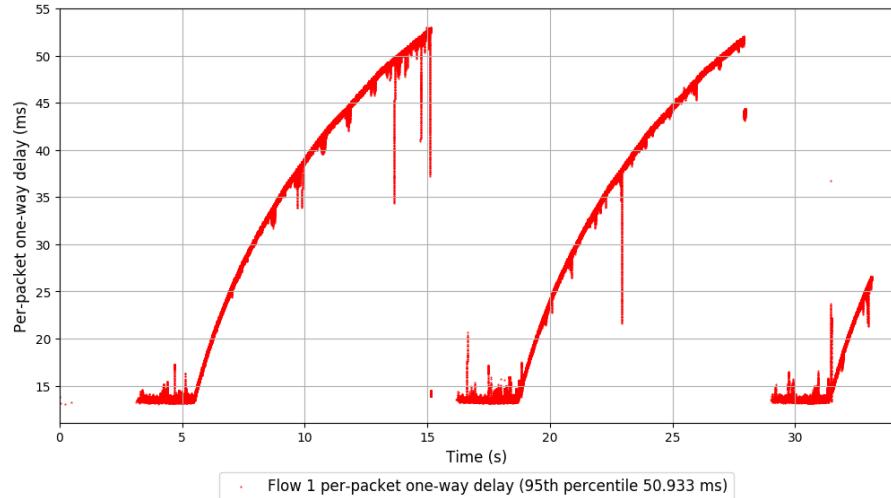
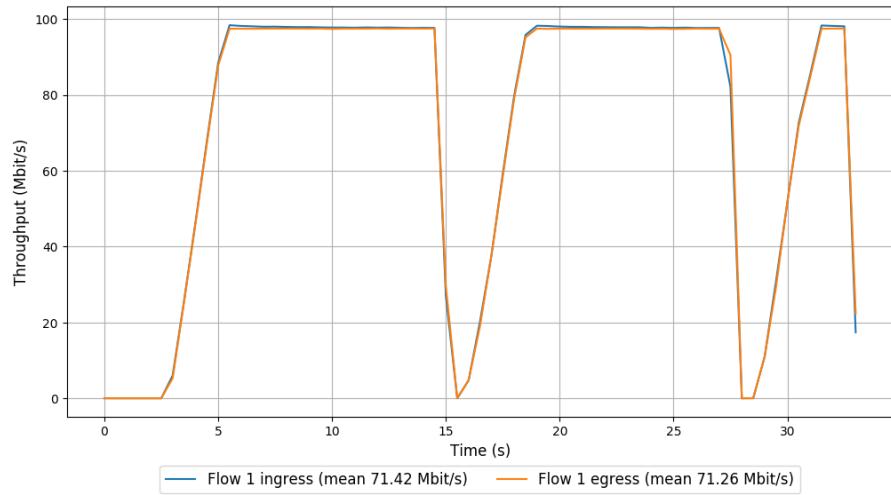


Run 8: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:14:00 +0000
End at: Thu, 29 Jun 2017 21:14:30 +0000
Local clock offset: 0.462 ms
Remote clock offset: -16.878 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.26 Mbit/s
95th percentile per-packet one-way delay: 50.933 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 71.26 Mbit/s
95th percentile per-packet one-way delay: 50.933 ms
Loss rate: 0.19%
```

## Run 8: Report of LEDBAT — Data Link

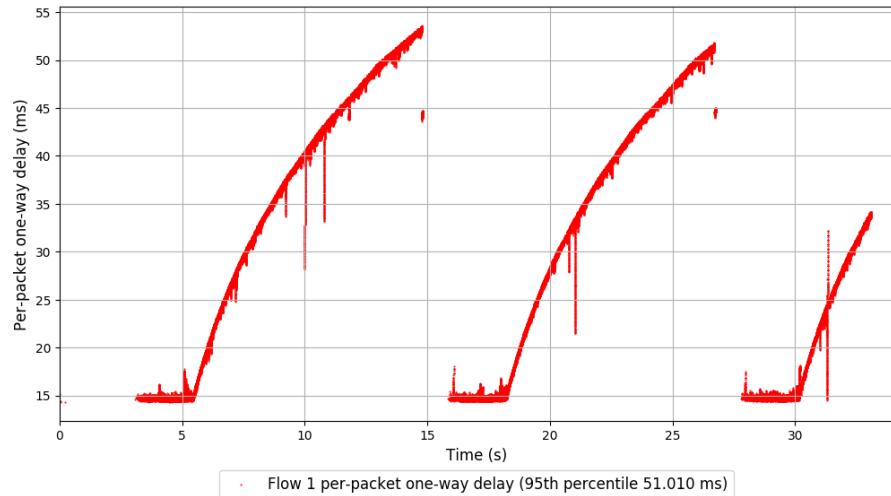
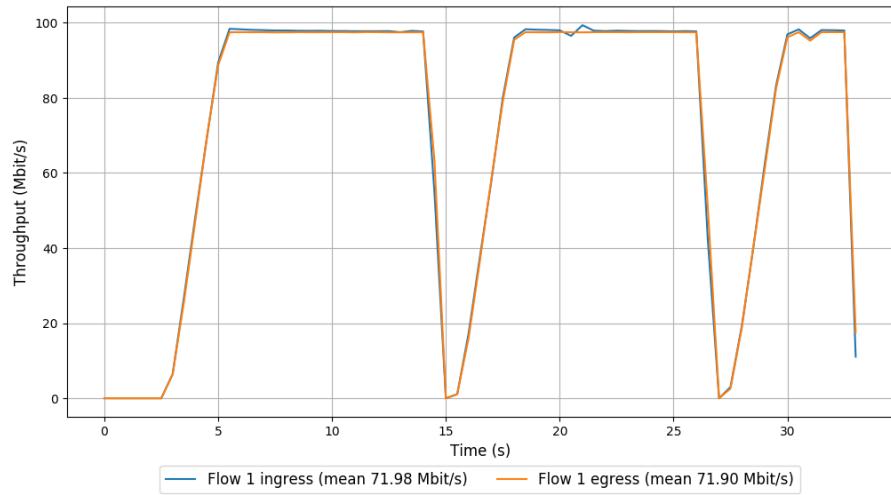


Run 9: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:32:06 +0000
End at: Thu, 29 Jun 2017 21:32:36 +0000
Local clock offset: -0.604 ms
Remote clock offset: -20.523 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:43:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.90 Mbit/s
95th percentile per-packet one-way delay: 51.010 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 71.90 Mbit/s
95th percentile per-packet one-way delay: 51.010 ms
Loss rate: 0.07%
```

Run 9: Report of LEDBAT — Data Link

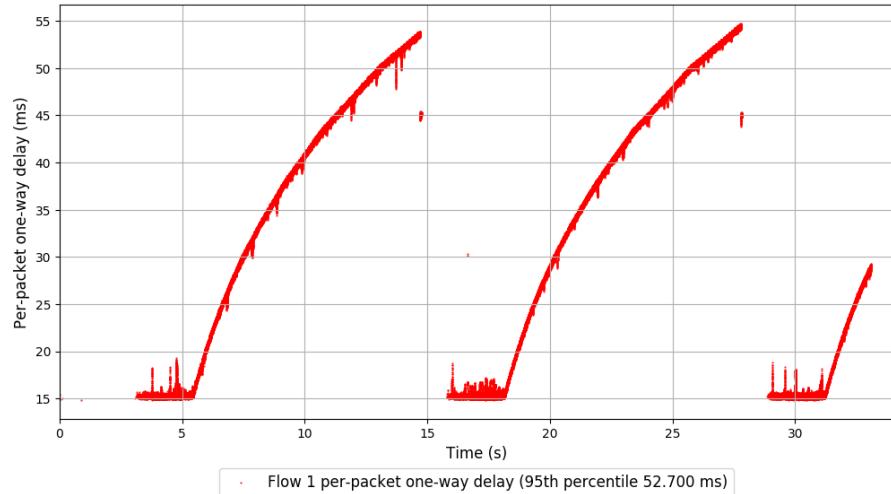
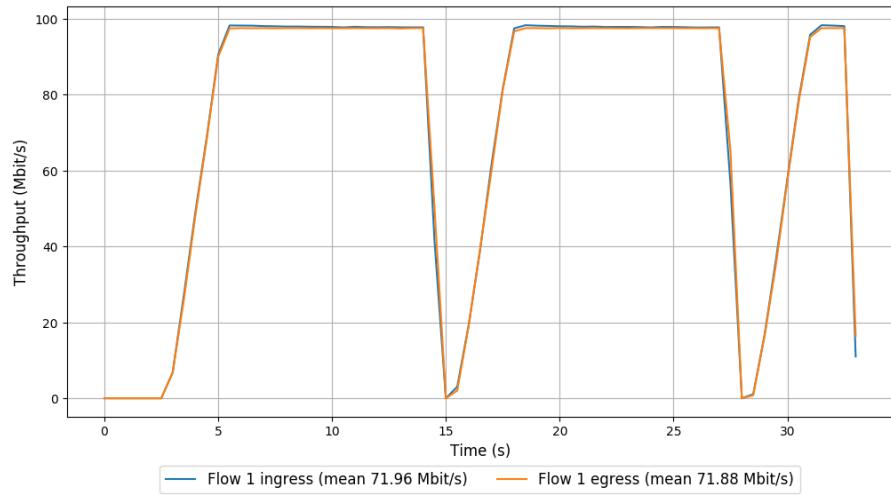


Run 10: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:50:22 +0000
End at: Thu, 29 Jun 2017 21:50:52 +0000
Local clock offset: 2.749 ms
Remote clock offset: -20.023 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.88 Mbit/s
95th percentile per-packet one-way delay: 52.700 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 71.88 Mbit/s
95th percentile per-packet one-way delay: 52.700 ms
Loss rate: 0.08%
```

## Run 10: Report of LEDBAT — Data Link

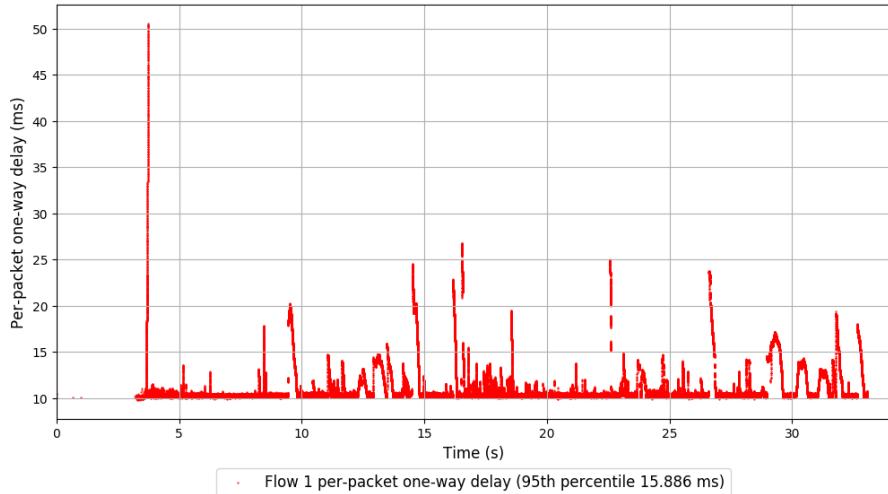
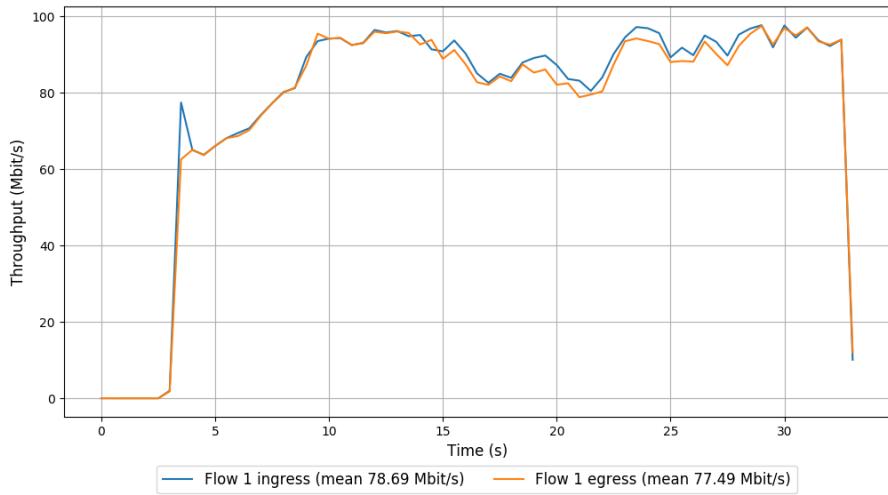


Run 1: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:02:00 +0000
End at: Thu, 29 Jun 2017 19:02:30 +0000
Local clock offset: 1.875 ms
Remote clock offset: -17.288 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.49 Mbit/s
95th percentile per-packet one-way delay: 15.886 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 77.49 Mbit/s
95th percentile per-packet one-way delay: 15.886 ms
Loss rate: 1.55%
```

### Run 1: Report of PCC — Data Link

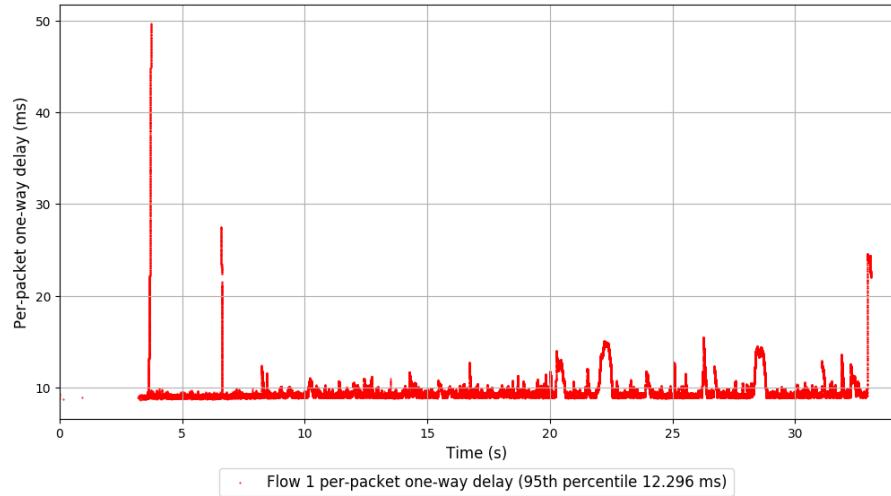
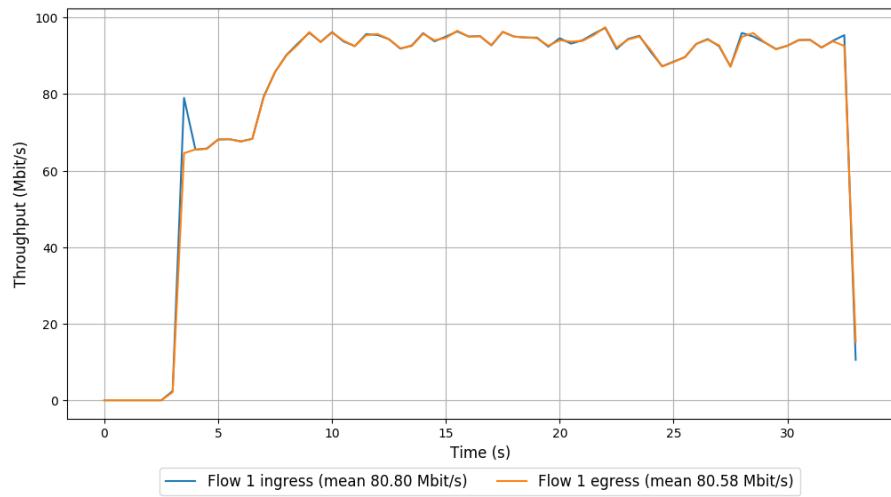


Run 2: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:20:16 +0000
End at: Thu, 29 Jun 2017 19:20:47 +0000
Local clock offset: 0.071 ms
Remote clock offset: -16.324 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 12.296 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 12.296 ms
Loss rate: 0.25%
```

## Run 2: Report of PCC — Data Link

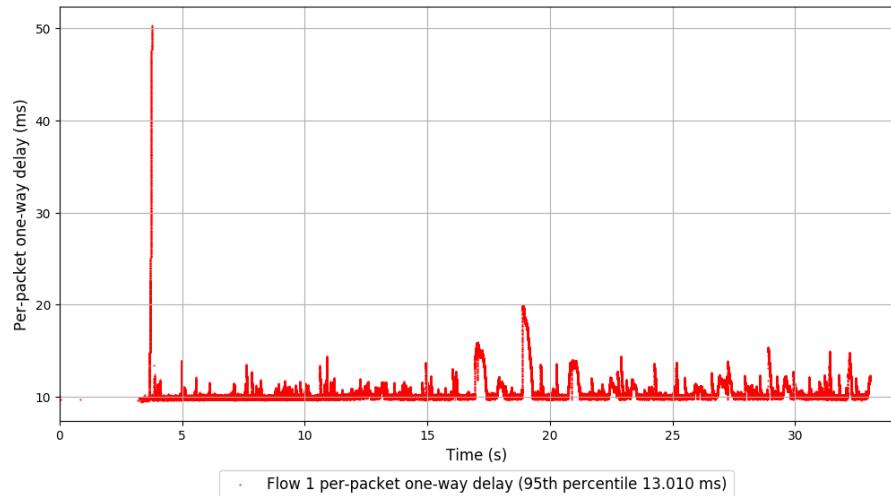
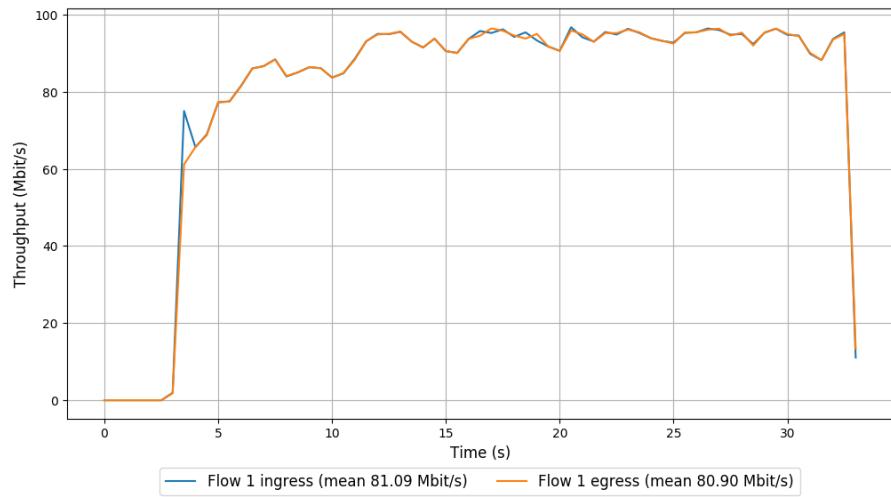


Run 3: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:38:20 +0000
End at: Thu, 29 Jun 2017 19:38:50 +0000
Local clock offset: 2.158 ms
Remote clock offset: -17.117 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 13.010 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 13.010 ms
Loss rate: 0.24%
```

### Run 3: Report of PCC — Data Link

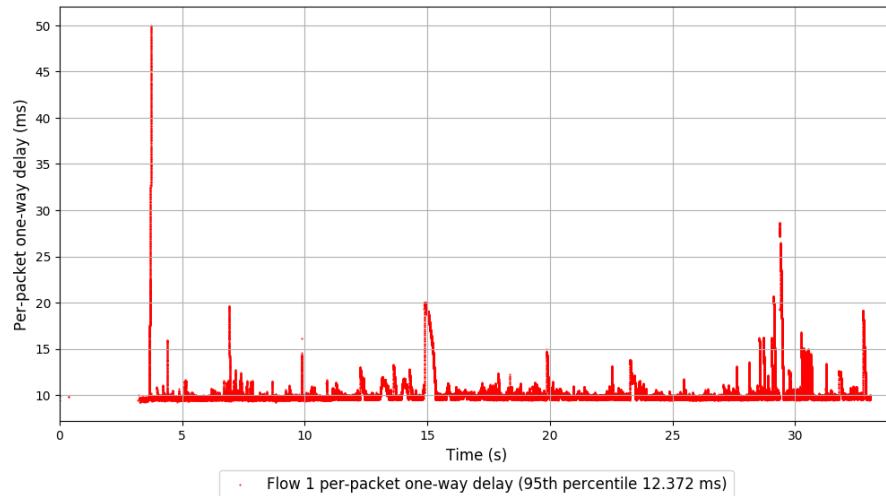
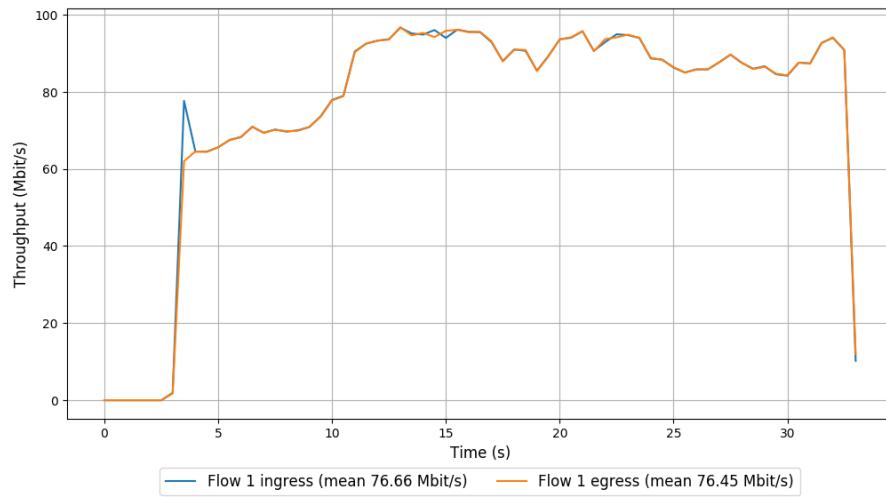


Run 4: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:56:34 +0000
End at: Thu, 29 Jun 2017 19:57:04 +0000
Local clock offset: 2.21 ms
Remote clock offset: -15.581 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.45 Mbit/s
95th percentile per-packet one-way delay: 12.372 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 76.45 Mbit/s
95th percentile per-packet one-way delay: 12.372 ms
Loss rate: 0.29%
```

## Run 4: Report of PCC — Data Link

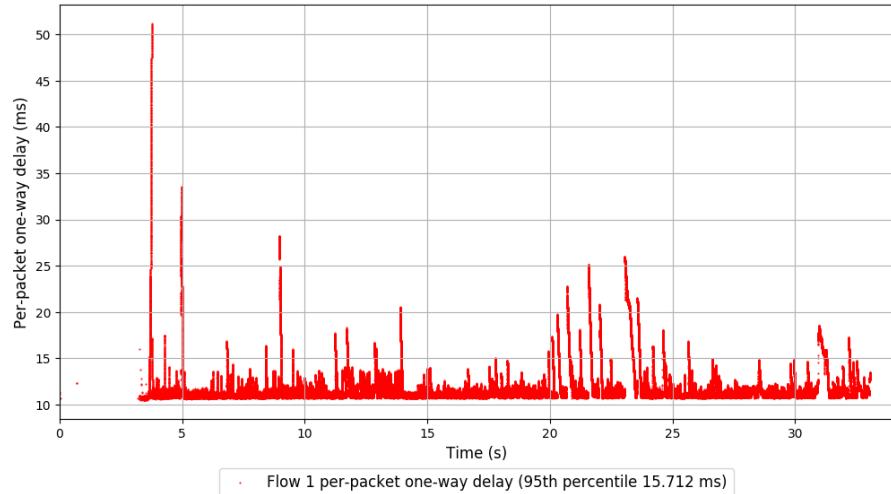
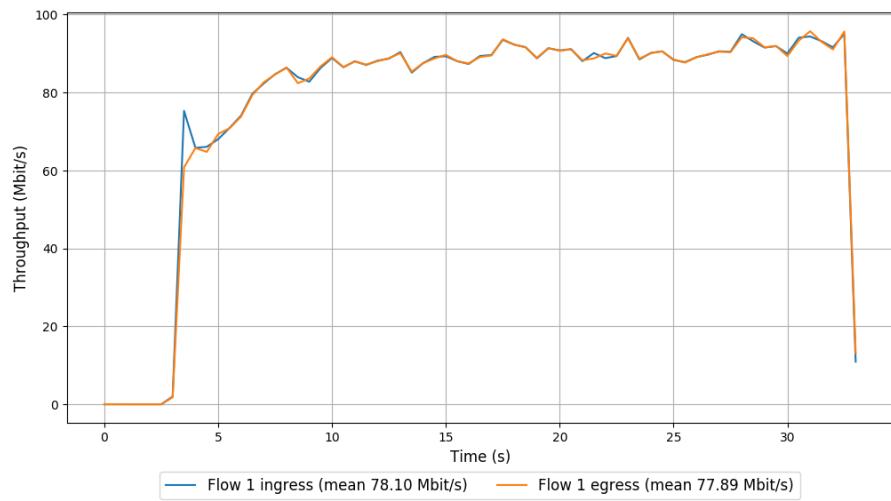


Run 5: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 20:14:59 +0000
End at: Thu, 29 Jun 2017 20:15:29 +0000
Local clock offset: 2.343 ms
Remote clock offset: -16.496 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 15.712 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 15.712 ms
Loss rate: 0.26%
```

### Run 5: Report of PCC — Data Link

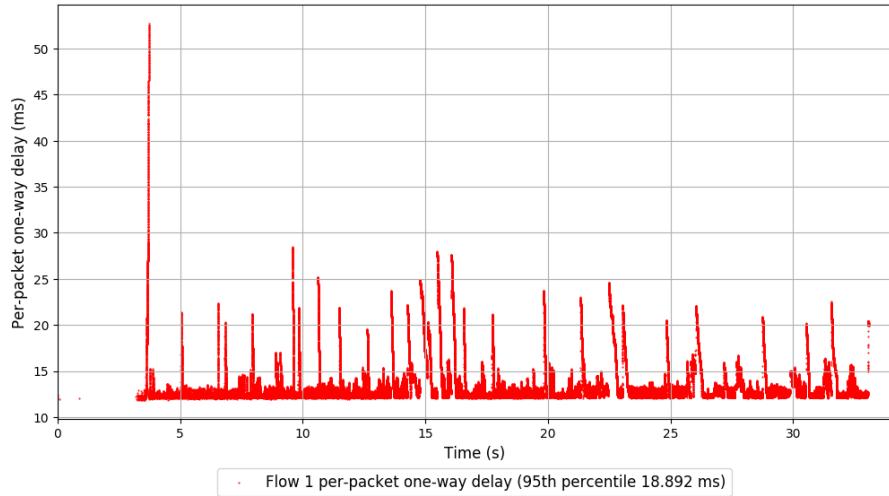
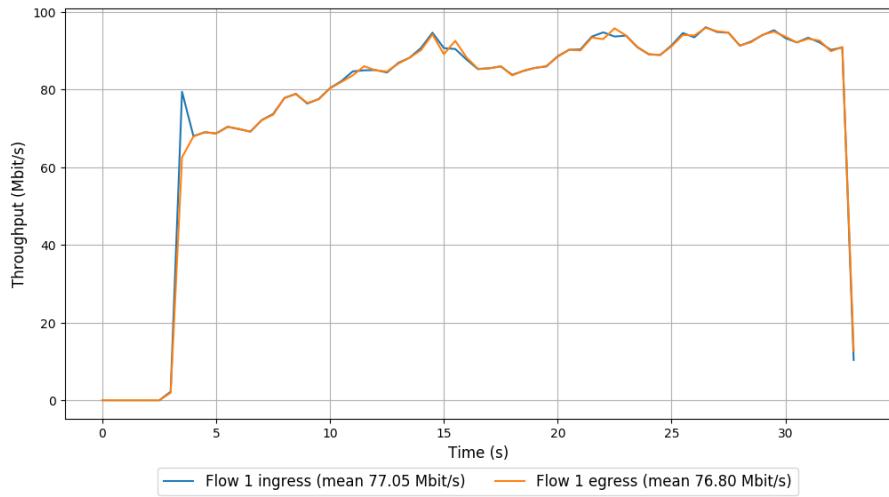


Run 6: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 20:33:00 +0000
End at: Thu, 29 Jun 2017 20:33:30 +0000
Local clock offset: 0.297 ms
Remote clock offset: -17.451 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.80 Mbit/s
95th percentile per-packet one-way delay: 18.892 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 76.80 Mbit/s
95th percentile per-packet one-way delay: 18.892 ms
Loss rate: 0.30%
```

### Run 6: Report of PCC — Data Link

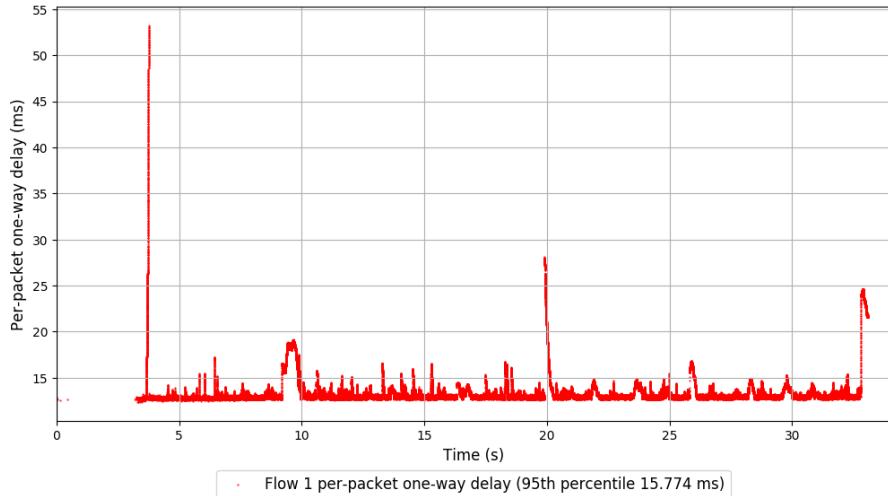
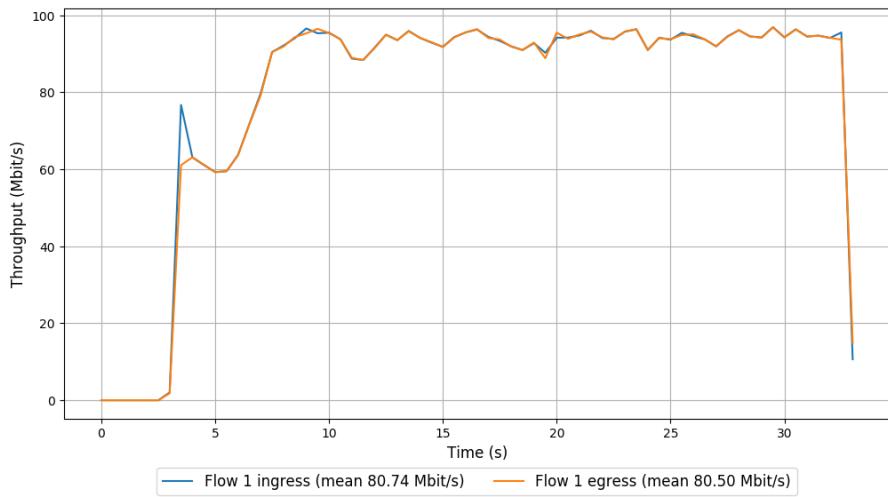


Run 7: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 20:51:23 +0000
End at: Thu, 29 Jun 2017 20:51:54 +0000
Local clock offset: 3.328 ms
Remote clock offset: -18.778 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 15.774 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 15.774 ms
Loss rate: 0.27%
```

### Run 7: Report of PCC — Data Link

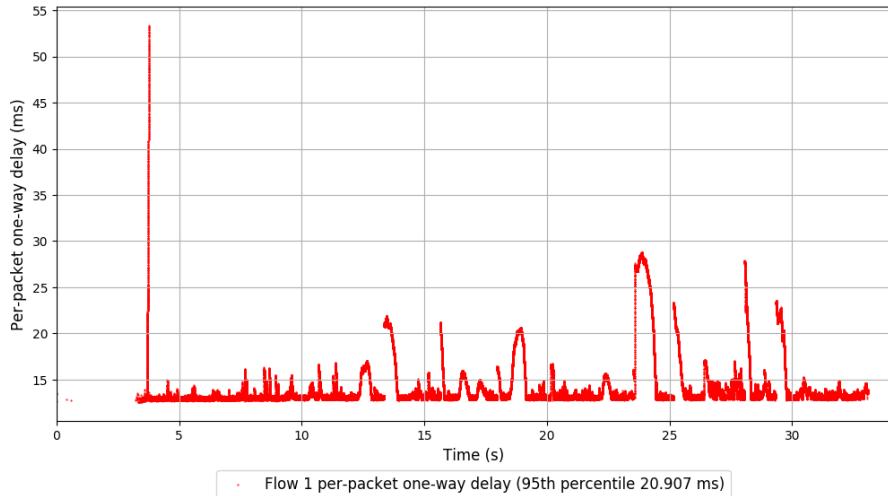
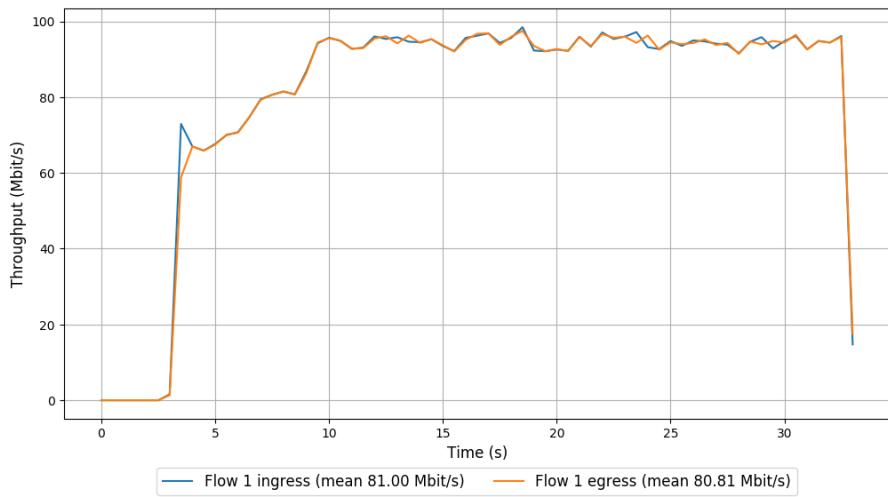


Run 8: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 21:09:13 +0000
End at: Thu, 29 Jun 2017 21:09:43 +0000
Local clock offset: -0.199 ms
Remote clock offset: -19.823 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 20.907 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 20.907 ms
Loss rate: 0.24%
```

### Run 8: Report of PCC — Data Link

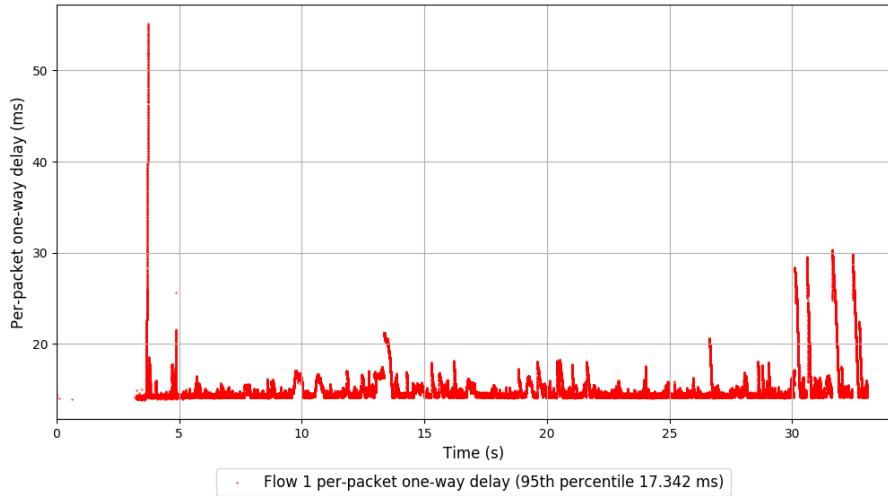
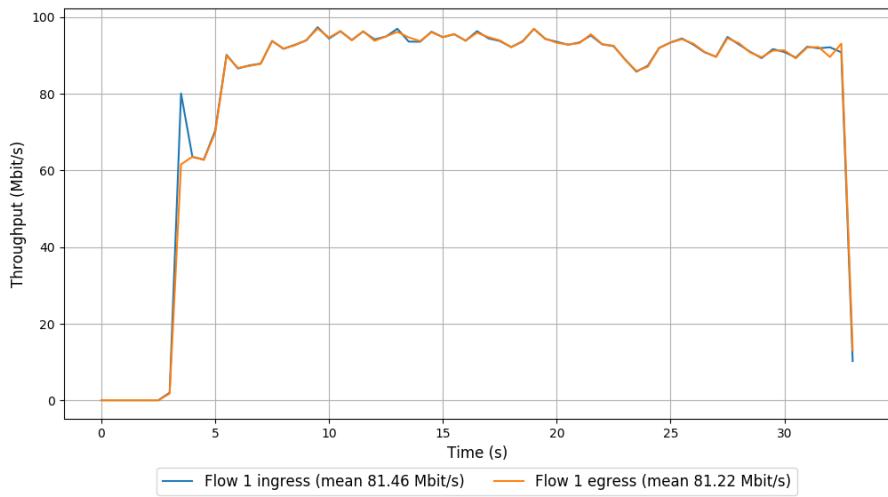


Run 9: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 21:27:09 +0000
End at: Thu, 29 Jun 2017 21:27:39 +0000
Local clock offset: 0.381 ms
Remote clock offset: -20.386 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.22 Mbit/s
95th percentile per-packet one-way delay: 17.342 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 81.22 Mbit/s
95th percentile per-packet one-way delay: 17.342 ms
Loss rate: 0.31%
```

### Run 9: Report of PCC — Data Link

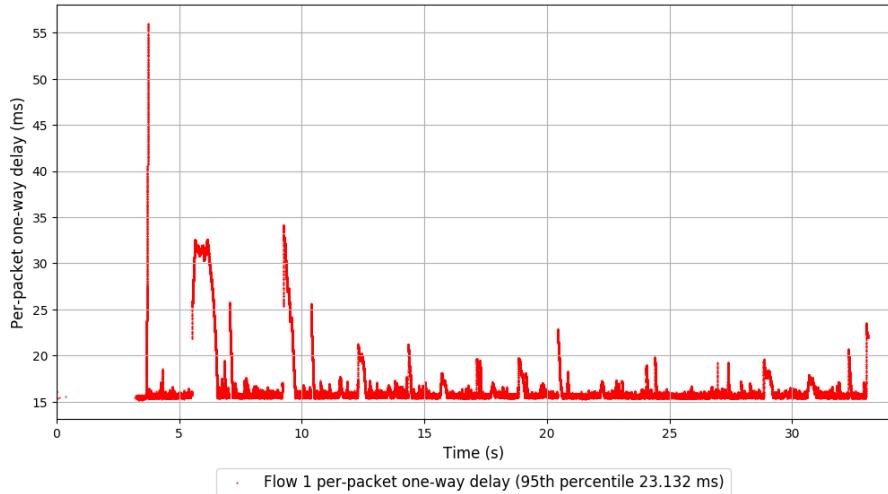
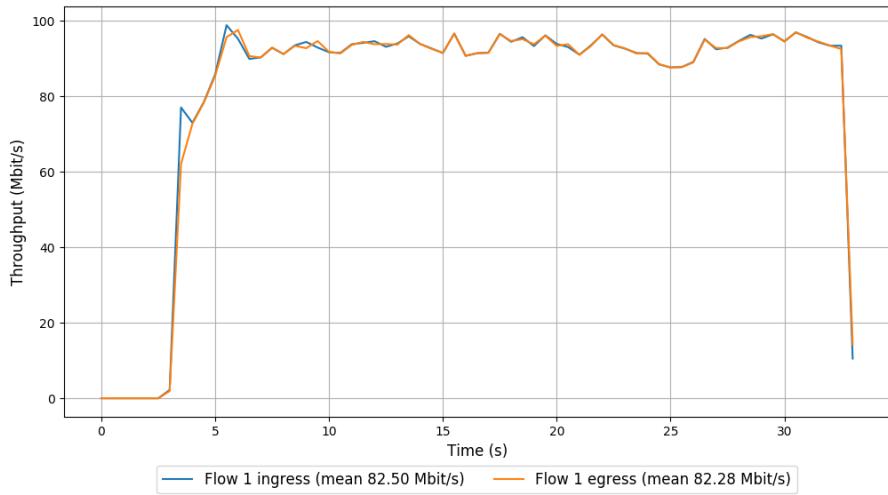


Run 10: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 21:45:23 +0000
End at: Thu, 29 Jun 2017 21:45:53 +0000
Local clock offset: 3.079 ms
Remote clock offset: -20.465 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.28 Mbit/s
95th percentile per-packet one-way delay: 23.132 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 82.28 Mbit/s
95th percentile per-packet one-way delay: 23.132 ms
Loss rate: 0.24%
```

### Run 10: Report of PCC — Data Link

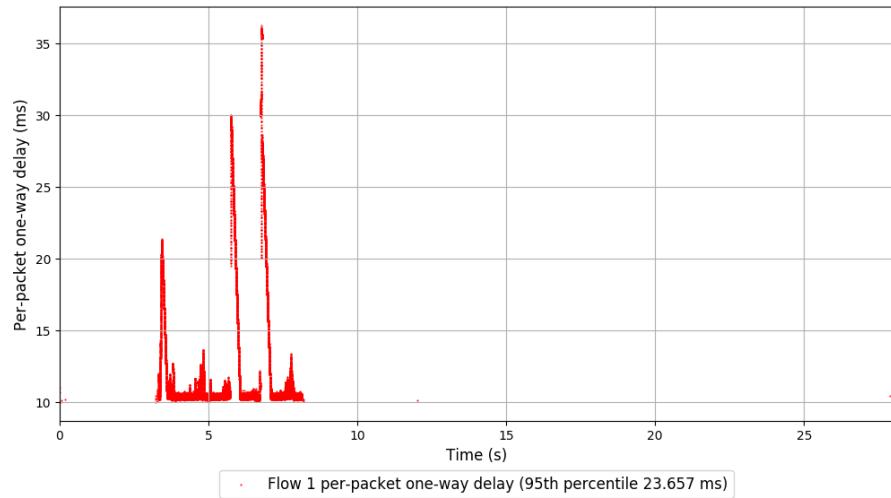
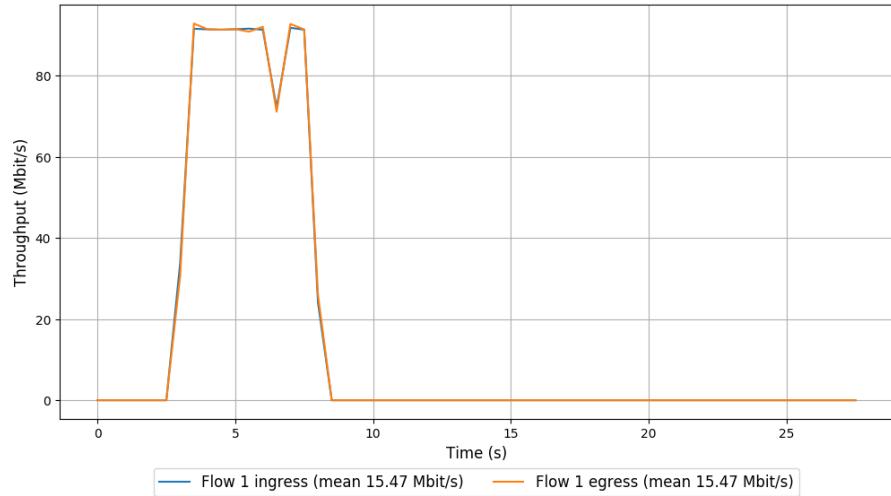


Run 1: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 19:00:44 +0000
End at: Thu, 29 Jun 2017 19:01:14 +0000
Local clock offset: -0.724 ms
Remote clock offset: -18.403 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 23.657 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 23.657 ms
Loss rate: 0.00%
```

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

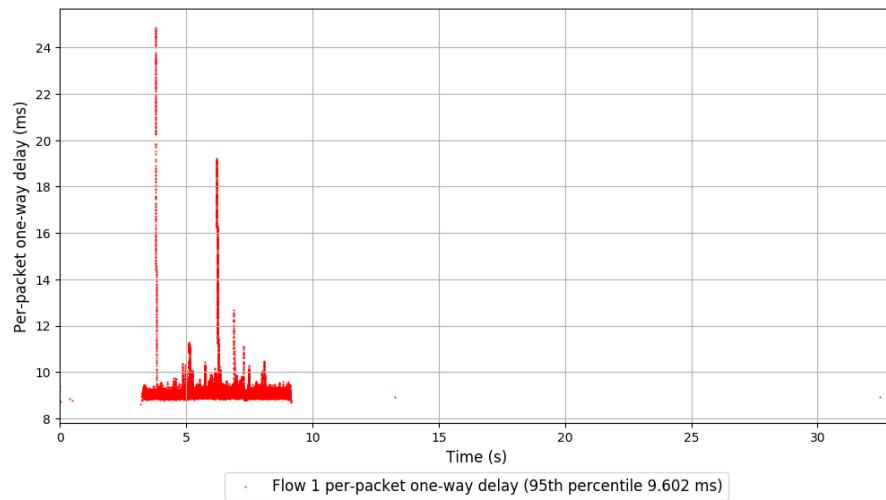
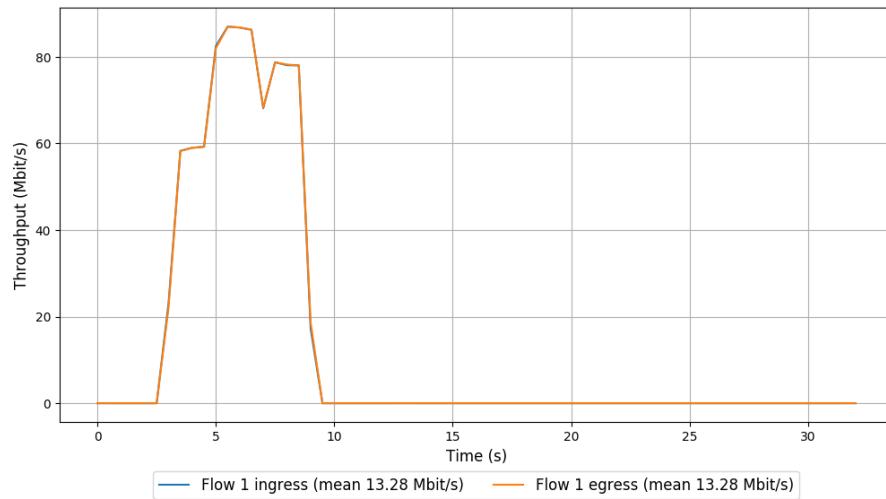


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 19:19:10 +0000
End at: Thu, 29 Jun 2017 19:19:40 +0000
Local clock offset: -0.94 ms
Remote clock offset: -14.556 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 9.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 9.602 ms
Loss rate: 0.00%
```

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



Run 3: Statistics of QUIC Cubic (toy)

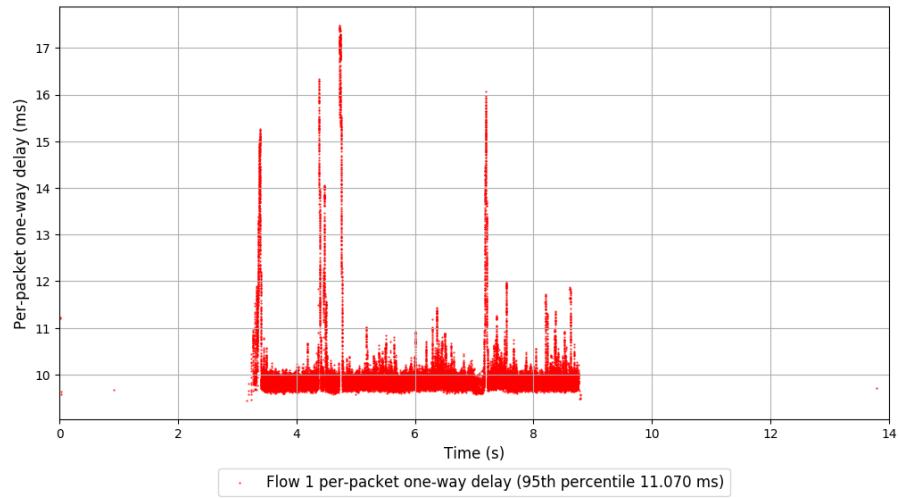
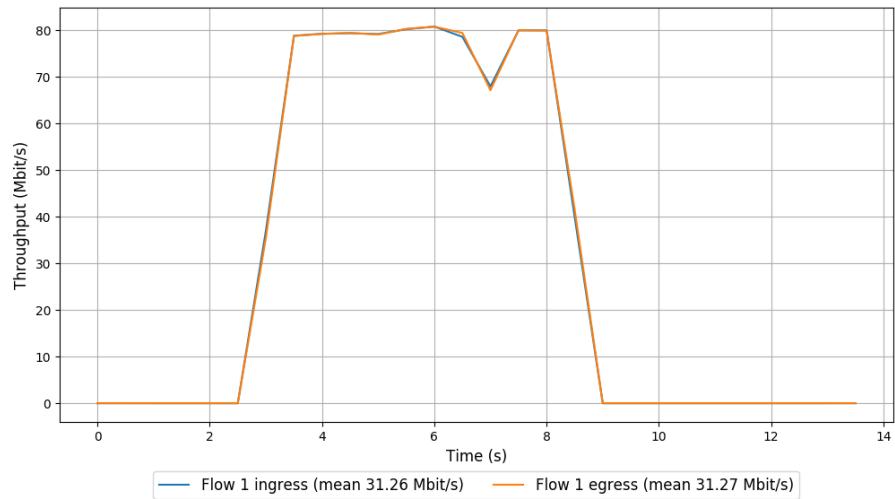
Start at: Thu, 29 Jun 2017 19:37:15 +0000

End at: Thu, 29 Jun 2017 19:37:45 +0000

Local clock offset: -1.05 ms

Remote clock offset: -17.614 ms

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

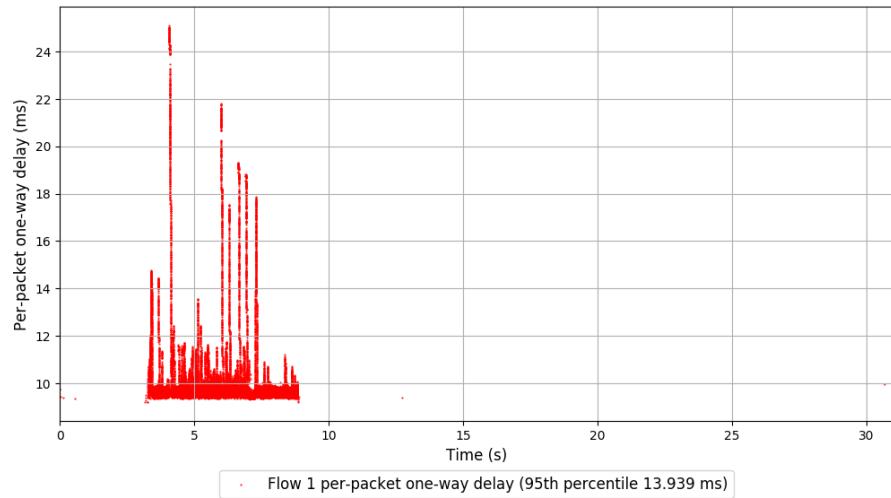
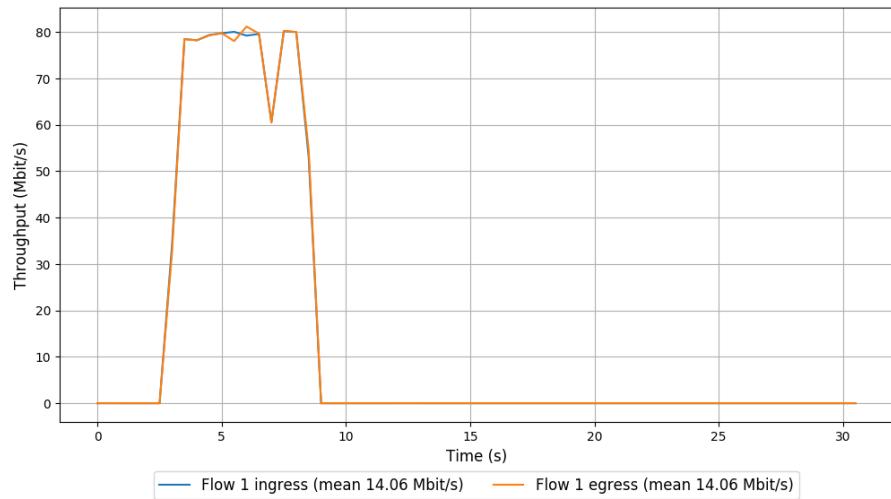


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 19:55:29 +0000
End at: Thu, 29 Jun 2017 19:55:59 +0000
Local clock offset: 2.128 ms
Remote clock offset: -15.713 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 13.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 13.939 ms
Loss rate: 0.00%
```

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

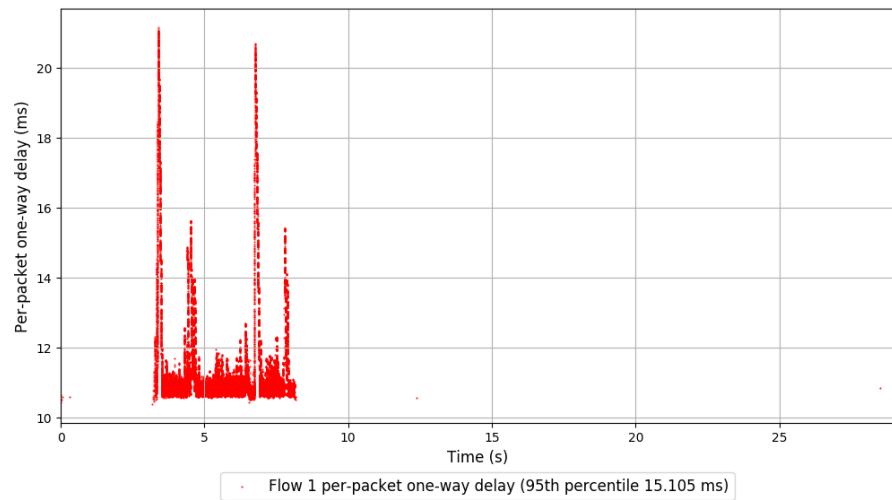
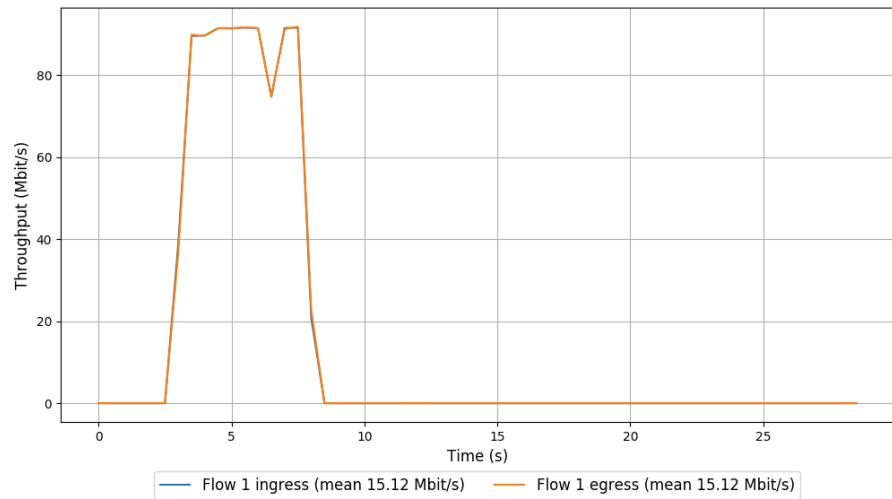


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:13:53 +0000
End at: Thu, 29 Jun 2017 20:14:23 +0000
Local clock offset: -0.433 ms
Remote clock offset: -16.33 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 15.105 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 15.105 ms
Loss rate: 0.00%
```

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

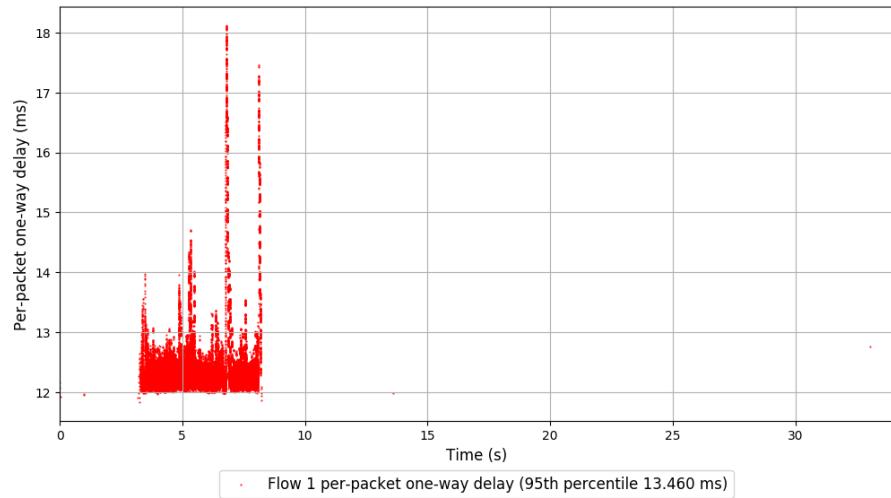
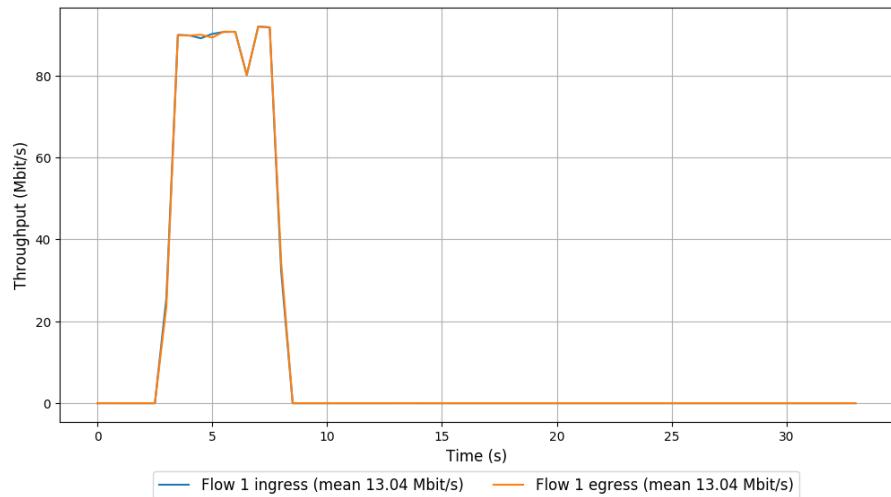


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:31:54 +0000
End at: Thu, 29 Jun 2017 20:32:24 +0000
Local clock offset: 2.445 ms
Remote clock offset: -17.219 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 13.460 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 13.460 ms
Loss rate: 0.00%
```

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

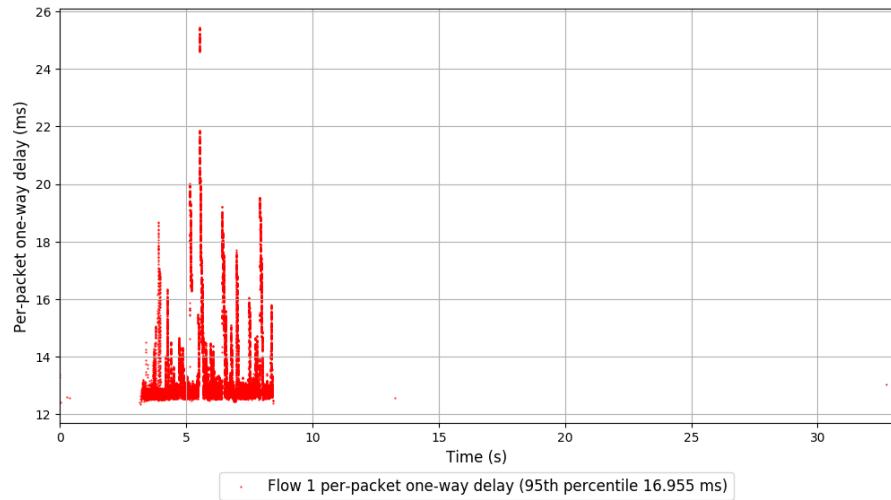
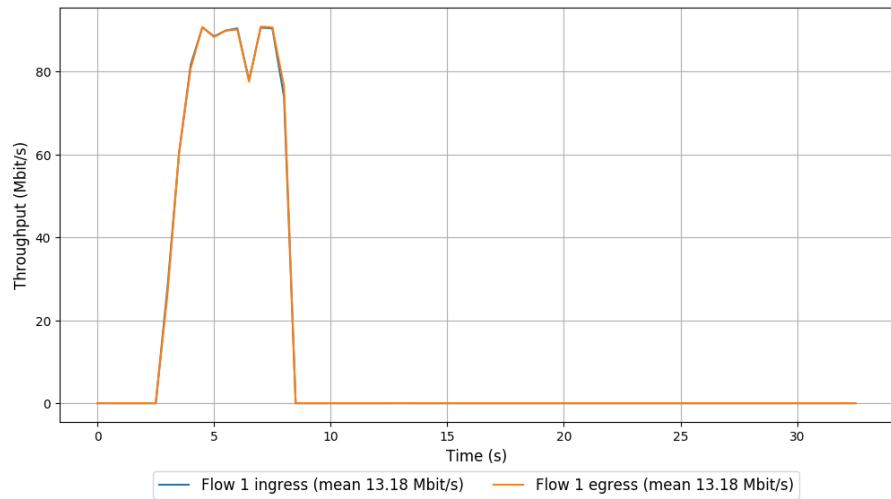


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:50:18 +0000
End at: Thu, 29 Jun 2017 20:50:48 +0000
Local clock offset: 2.785 ms
Remote clock offset: -18.101 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 16.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 16.955 ms
Loss rate: 0.00%
```

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

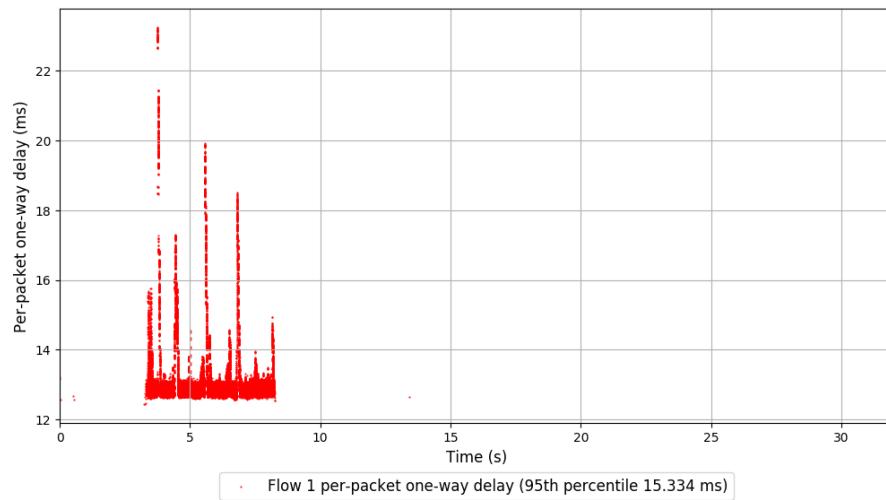
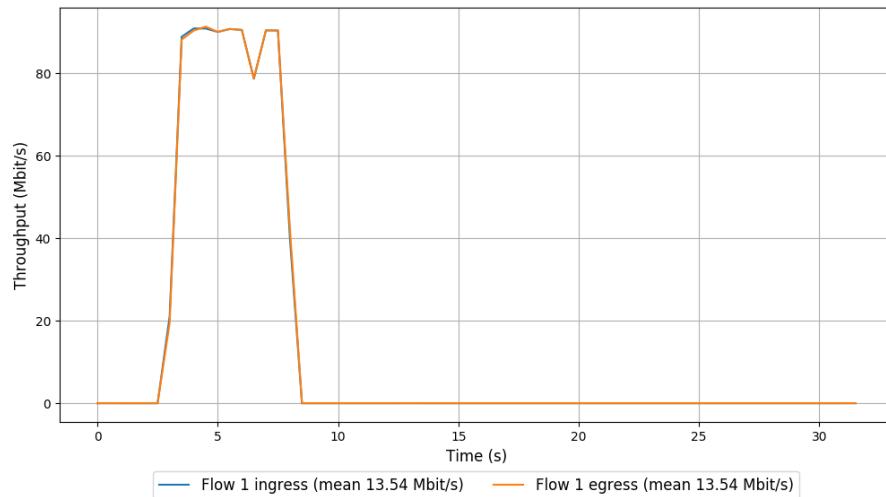


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 21:08:08 +0000
End at: Thu, 29 Jun 2017 21:08:38 +0000
Local clock offset: 0.506 ms
Remote clock offset: -19.282 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 15.334 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 15.334 ms
Loss rate: 0.00%
```

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

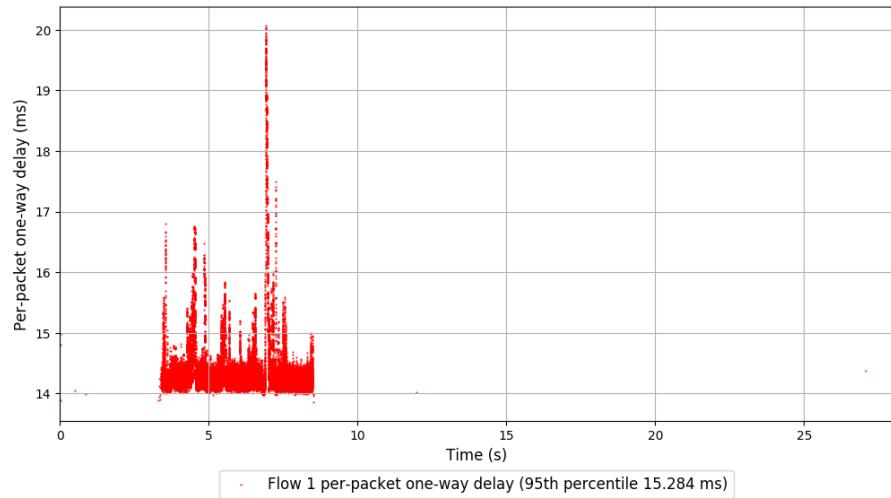
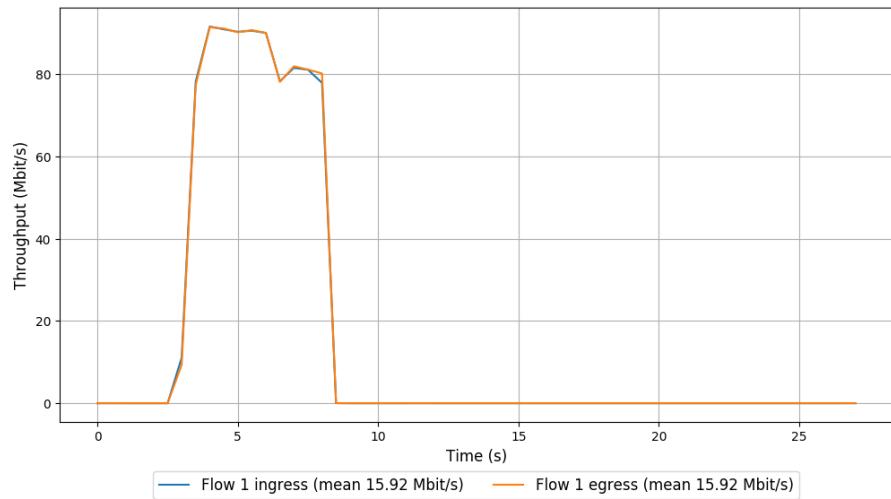


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 21:26:03 +0000
End at: Thu, 29 Jun 2017 21:26:33 +0000
Local clock offset: 2.877 ms
Remote clock offset: -20.799 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 15.284 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 15.284 ms
Loss rate: 0.00%
```

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

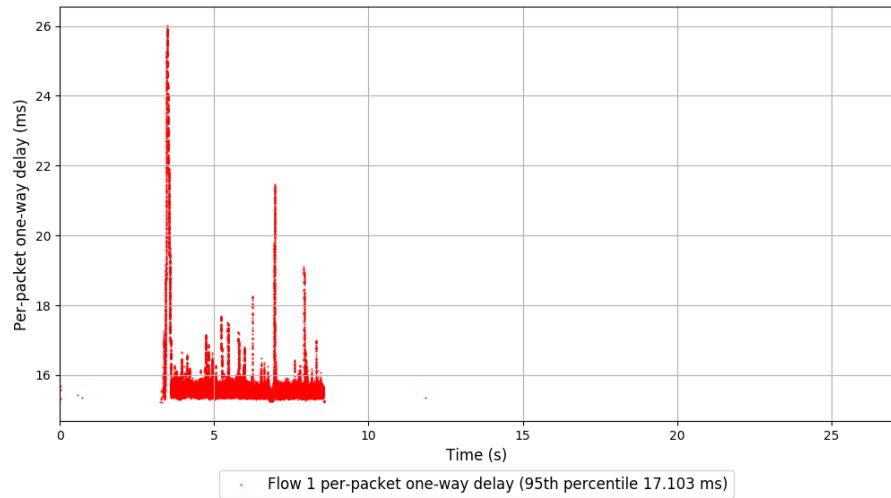
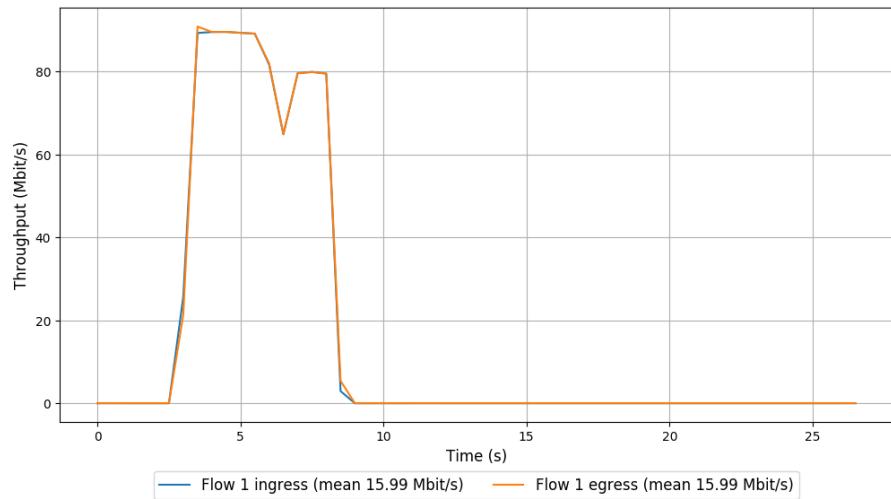


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 21:44:17 +0000
End at: Thu, 29 Jun 2017 21:44:47 +0000
Local clock offset: 1.535 ms
Remote clock offset: -21.631 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 17.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 17.103 ms
Loss rate: 0.00%
```

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

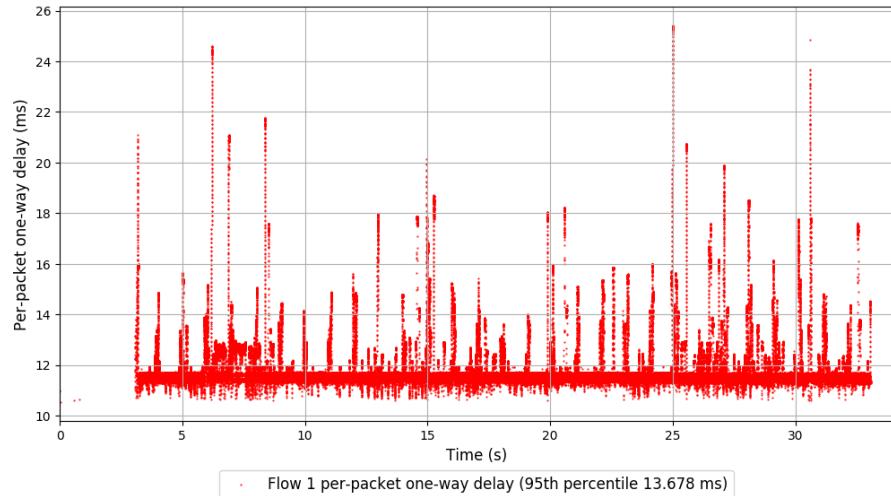
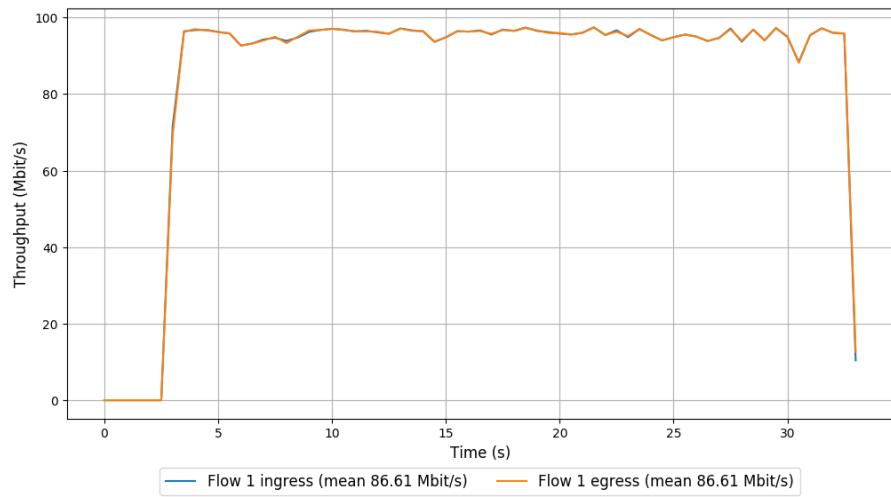


Run 1: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 18:53:24 +0000
End at: Thu, 29 Jun 2017 18:53:54 +0000
Local clock offset: 1.823 ms
Remote clock offset: -18.08 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 13.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 13.678 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

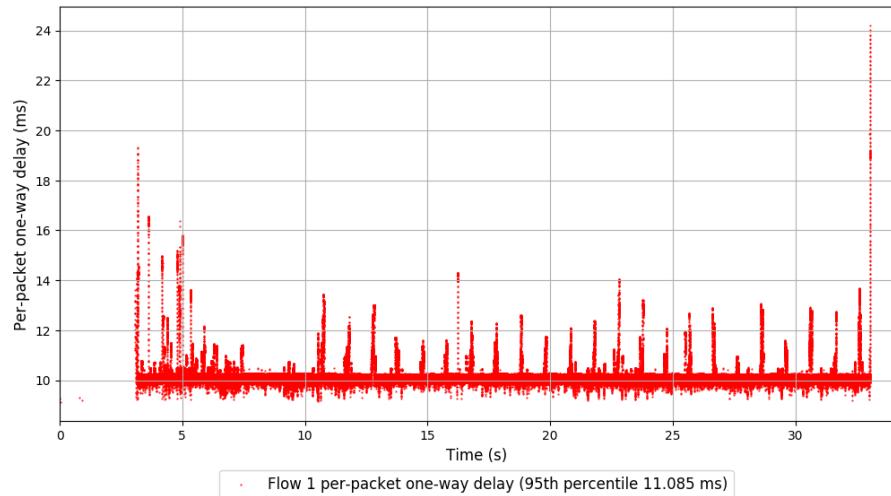
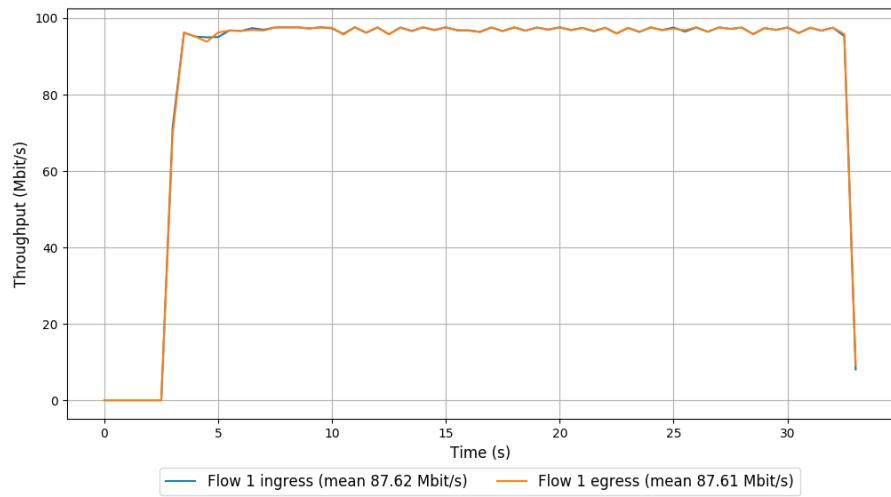


Run 2: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 19:11:59 +0000
End at: Thu, 29 Jun 2017 19:12:30 +0000
Local clock offset: 1.04 ms
Remote clock offset: -15.976 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 11.085 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 11.085 ms
Loss rate: 0.02%
```

## Run 2: Report of Saturator — Data Link

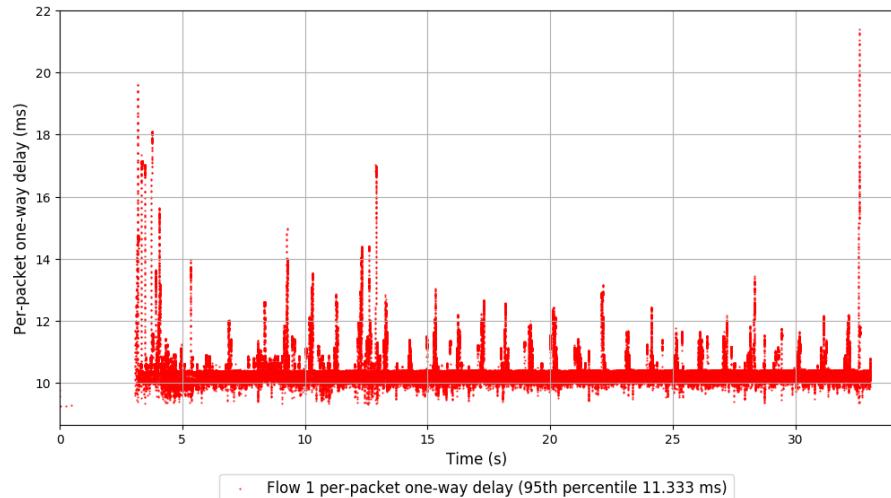
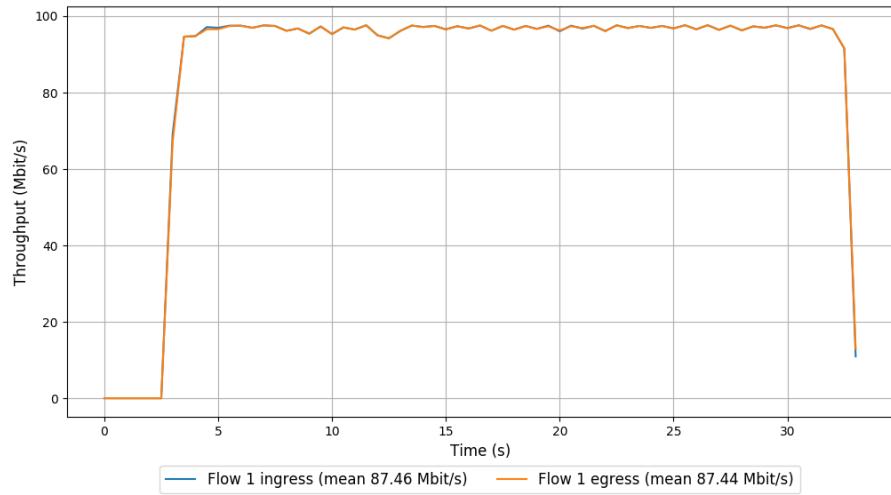


Run 3: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 19:30:01 +0000
End at: Thu, 29 Jun 2017 19:30:31 +0000
Local clock offset: -0.571 ms
Remote clock offset: -14.921 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 11.333 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 11.333 ms
Loss rate: 0.02%
```

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

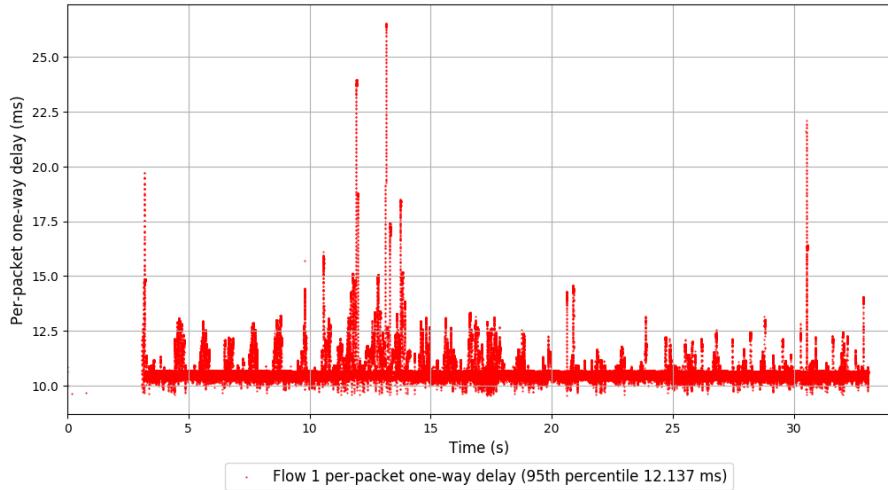
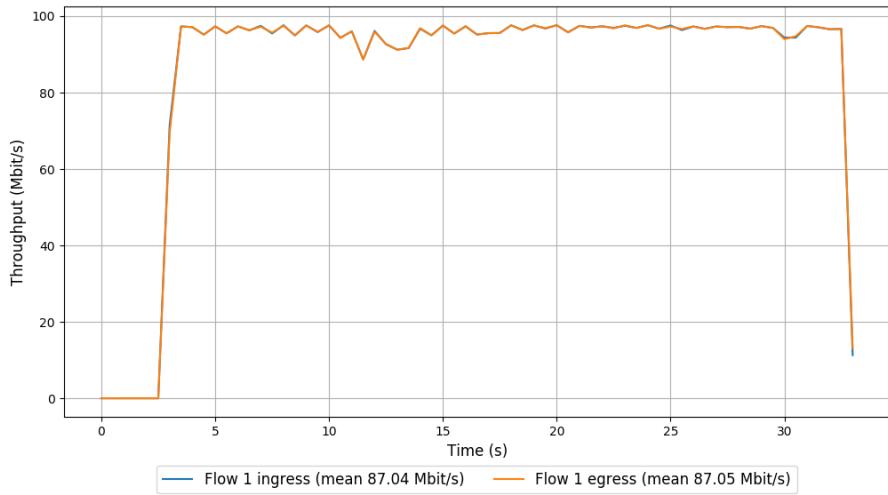


Run 4: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 19:48:10 +0000
End at: Thu, 29 Jun 2017 19:48:40 +0000
Local clock offset: -0.557 ms
Remote clock offset: -16.487 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 12.137 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 12.137 ms
Loss rate: 0.00%
```

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

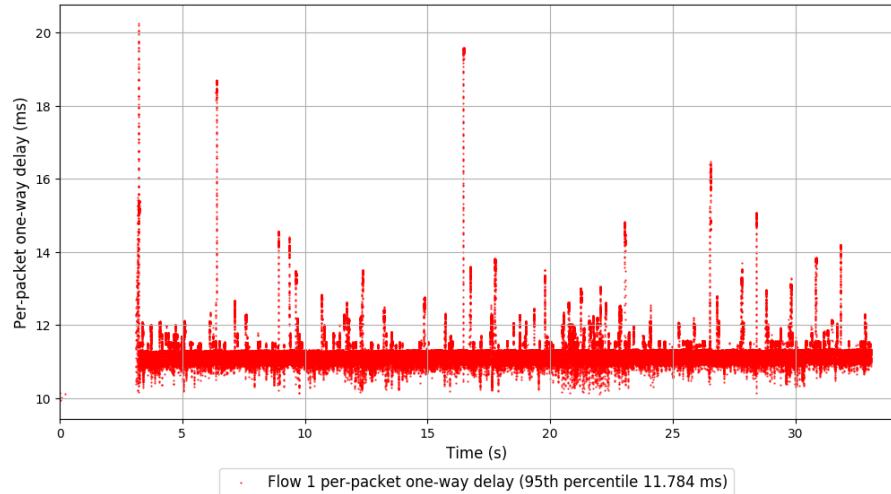
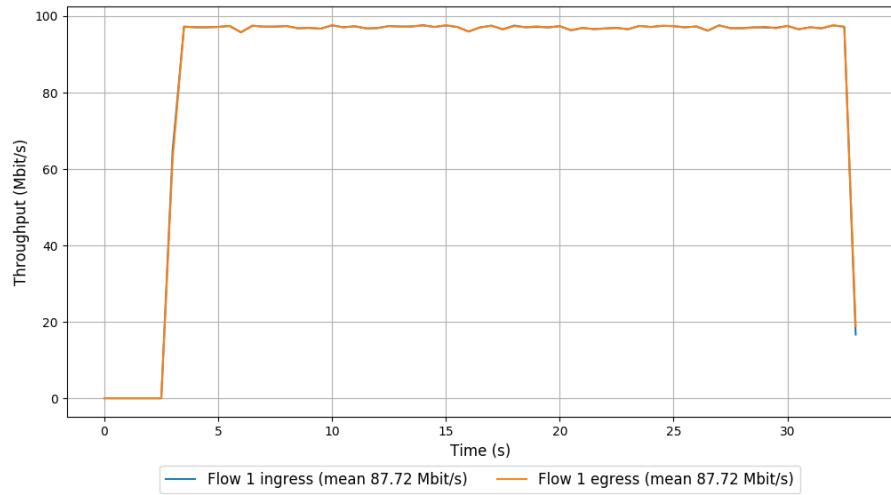


Run 5: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 20:06:27 +0000
End at: Thu, 29 Jun 2017 20:06:57 +0000
Local clock offset: 0.883 ms
Remote clock offset: -16.423 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 11.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 11.784 ms
Loss rate: 0.00%
```

Run 5: Report of Saturator — Data Link

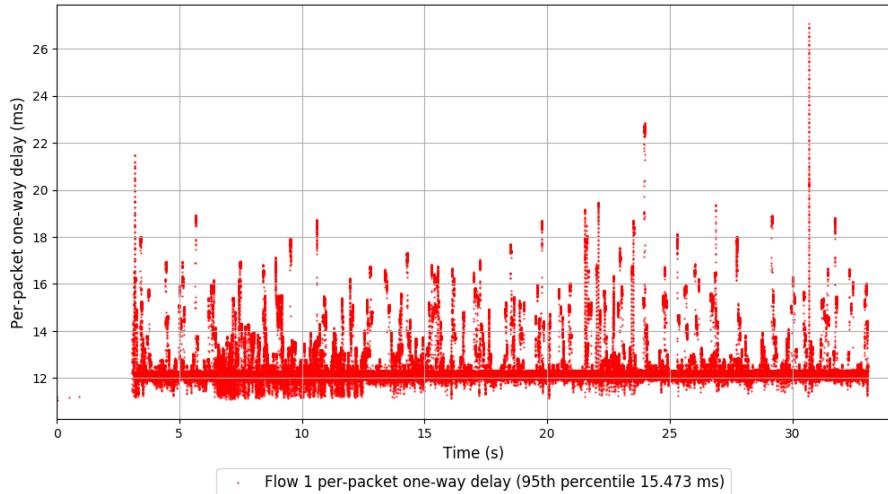
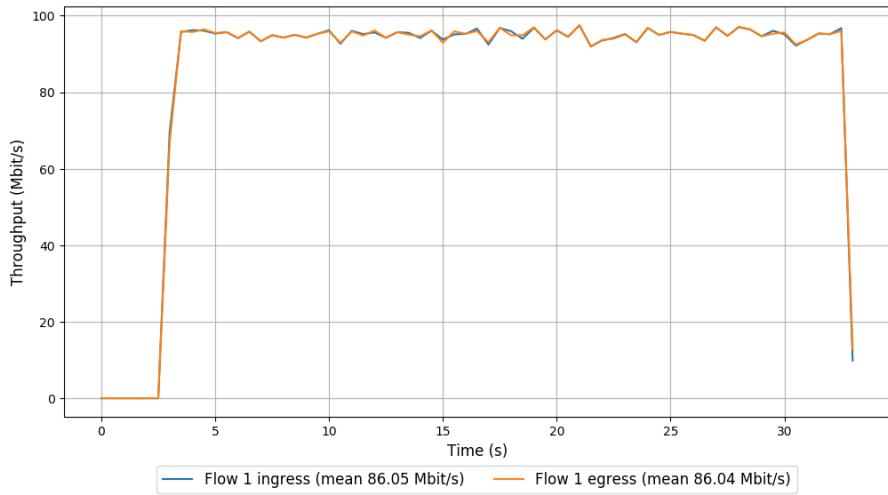


Run 6: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 20:24:42 +0000
End at: Thu, 29 Jun 2017 20:25:12 +0000
Local clock offset: 1.337 ms
Remote clock offset: -16.664 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:45:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.04 Mbit/s
95th percentile per-packet one-way delay: 15.473 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.04 Mbit/s
95th percentile per-packet one-way delay: 15.473 ms
Loss rate: 0.00%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:42:54 +0000

End at: Thu, 29 Jun 2017 20:43:24 +0000

Local clock offset: 1.482 ms

Remote clock offset: -16.359 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.51 Mbit/s

95th percentile per-packet one-way delay: 13.941 ms

Loss rate: 0.00%

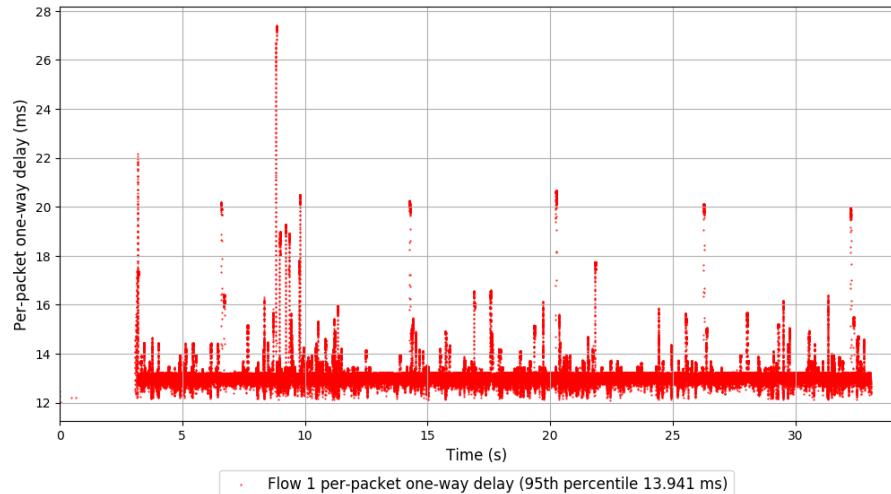
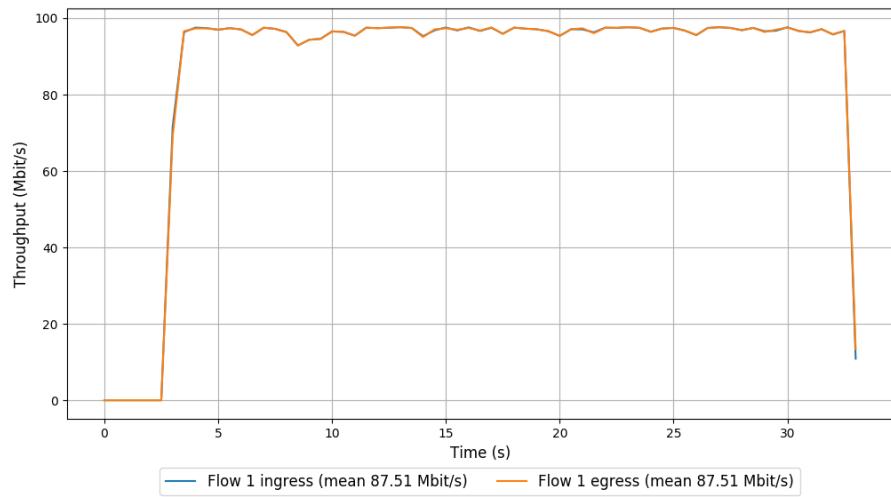
-- Flow 1:

Average throughput: 87.51 Mbit/s

95th percentile per-packet one-way delay: 13.941 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link

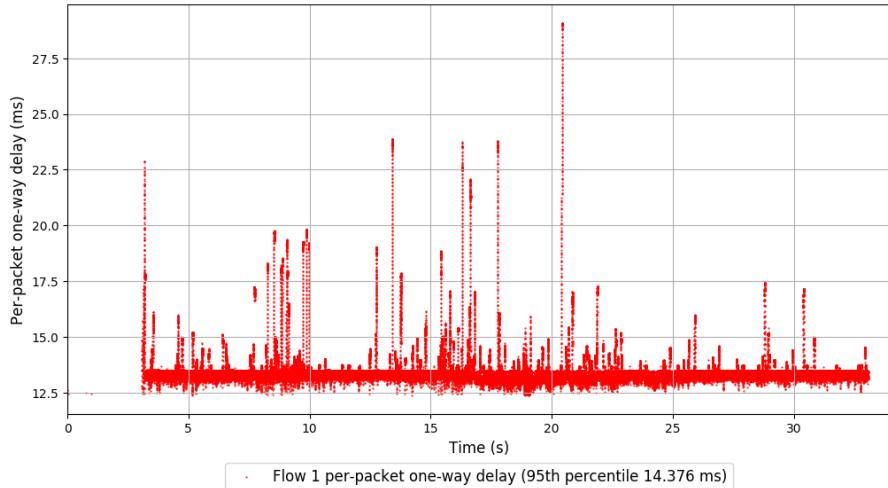
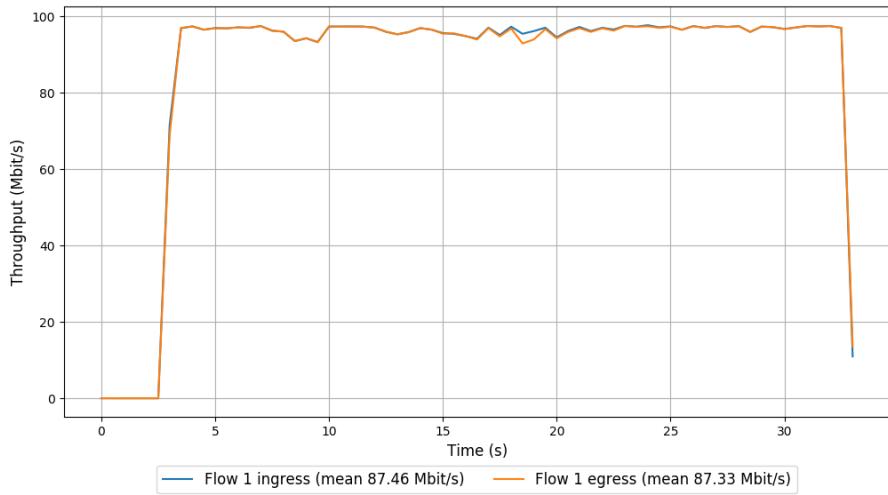


Run 8: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 21:00:55 +0000
End at: Thu, 29 Jun 2017 21:01:25 +0000
Local clock offset: -0.033 ms
Remote clock offset: -18.453 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 14.376 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 14.376 ms
Loss rate: 0.14%
```

Run 8: Report of Saturator — Data Link

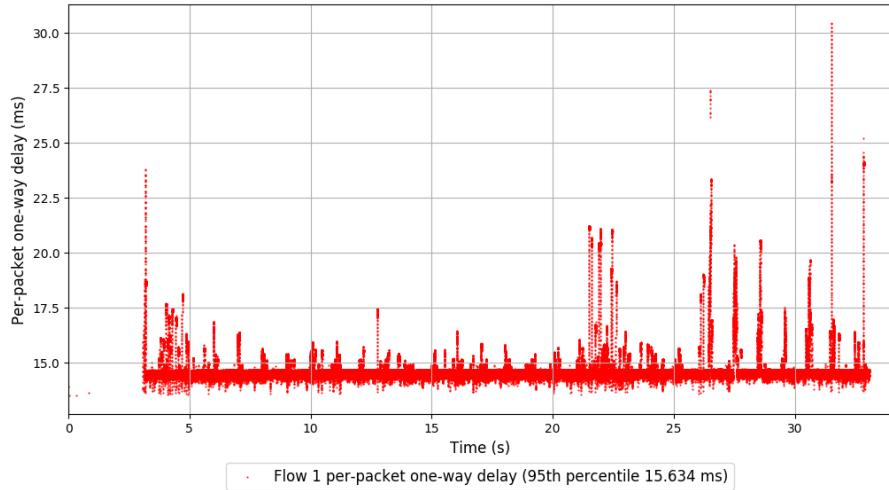
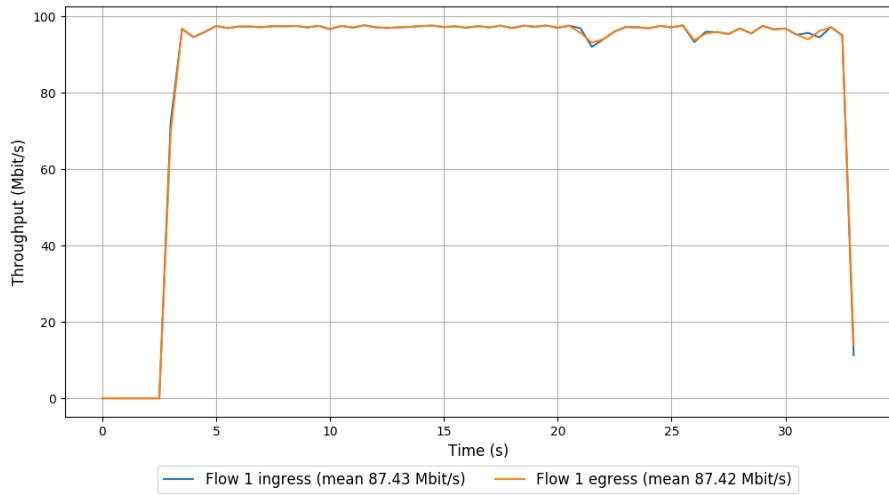


Run 9: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 21:18:42 +0000
End at: Thu, 29 Jun 2017 21:19:12 +0000
Local clock offset: 2.359 ms
Remote clock offset: -17.729 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 15.634 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 15.634 ms
Loss rate: 0.00%
```

Run 9: Report of Saturator — Data Link

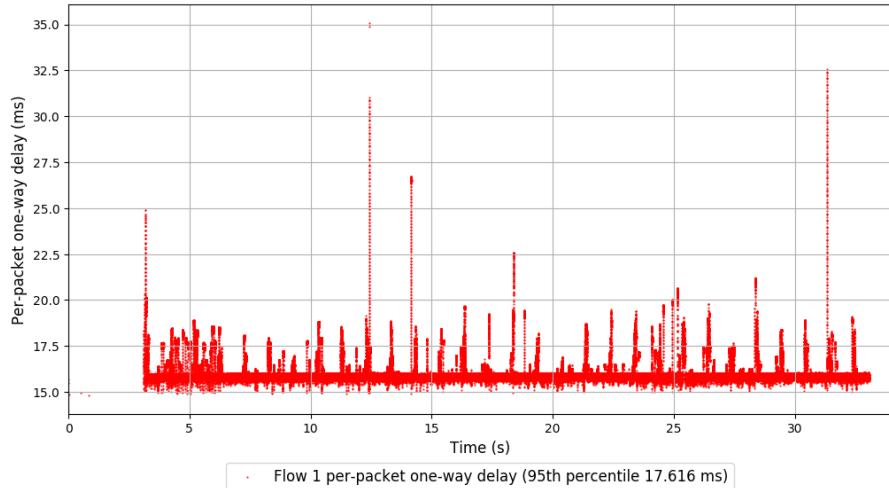
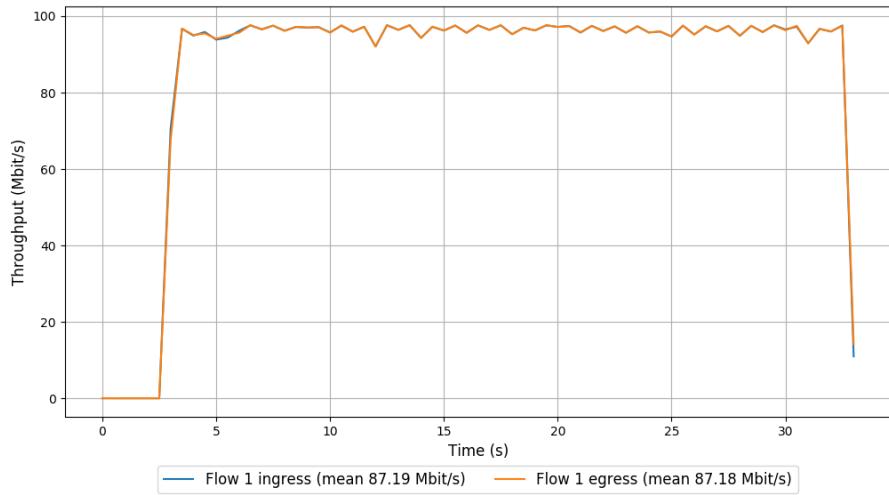


Run 10: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 21:37:15 +0000
End at: Thu, 29 Jun 2017 21:37:45 +0000
Local clock offset: 1.769 ms
Remote clock offset: -18.866 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 17.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 17.616 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link



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

```
Start at: Thu, 29 Jun 2017 18:55:56 +0000
```

```
End at: Thu, 29 Jun 2017 18:56:26 +0000
```

```
Local clock offset: 1.324 ms
```

```
Remote clock offset: -17.239 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:21 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 10.852 ms
```

```
Loss rate: 0.00%
```

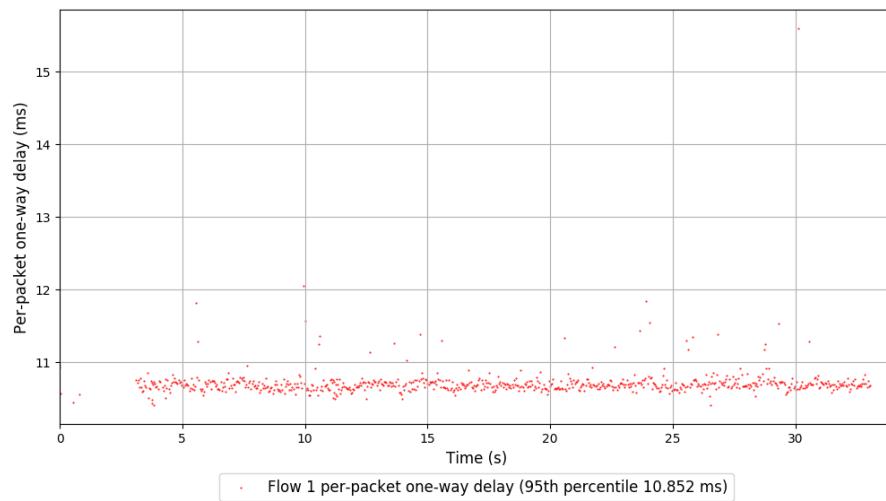
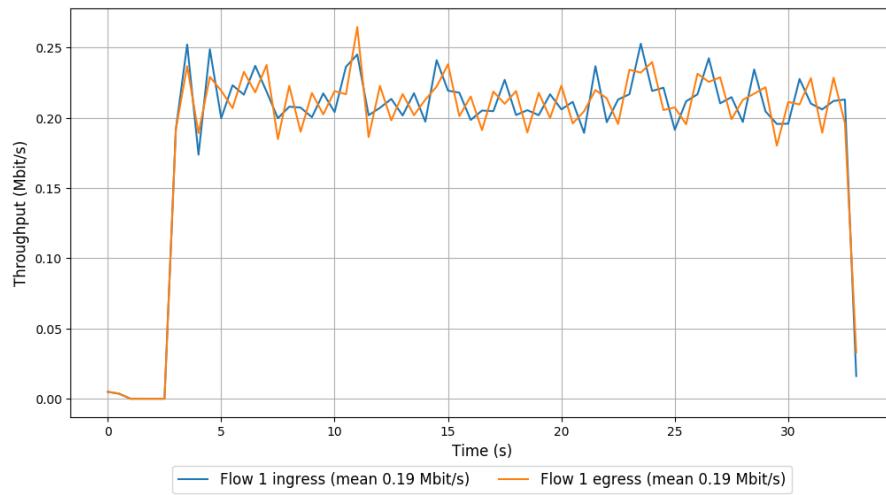
```
-- Flow 1:
```

```
Average throughput: 0.19 Mbit/s
```

```
95th percentile per-packet one-way delay: 10.852 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

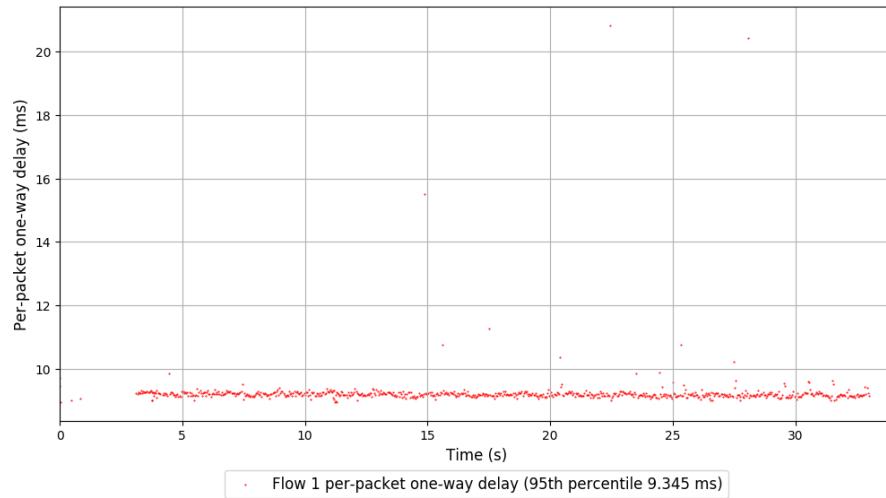
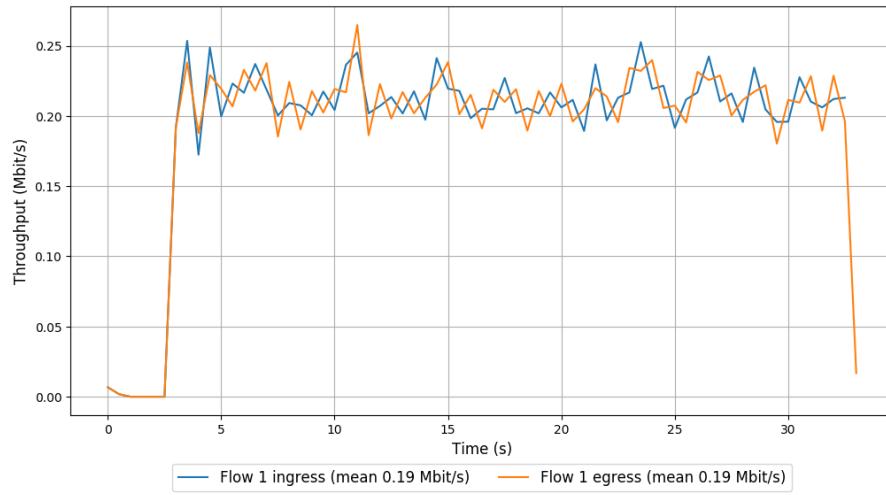


Run 2: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 19:14:21 +0000
End at: Thu, 29 Jun 2017 19:14:51 +0000
Local clock offset: 1.811 ms
Remote clock offset: -14.062 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.345 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

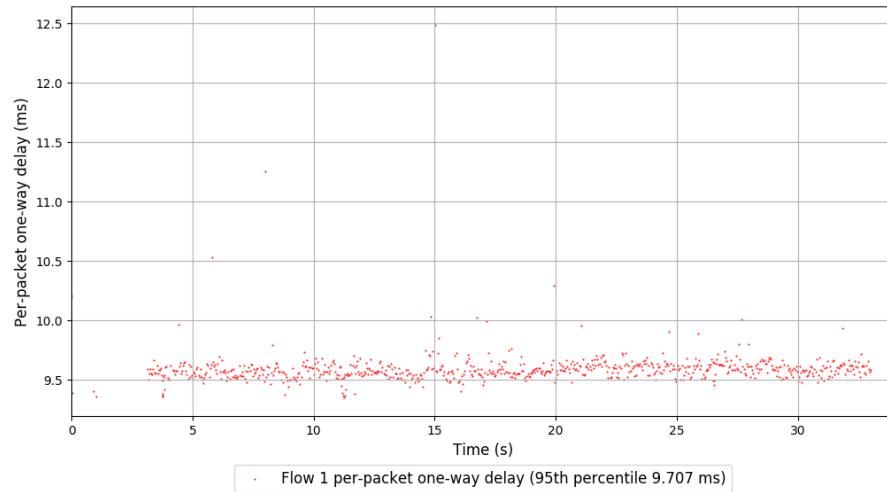
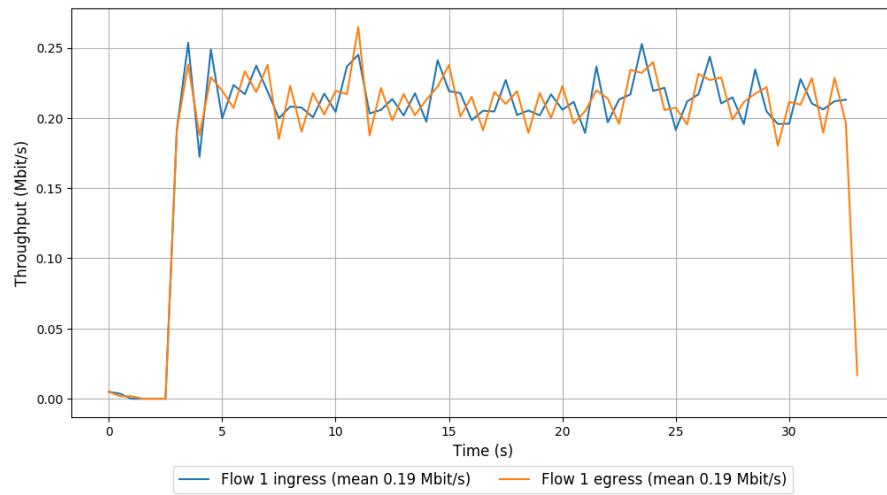


Run 3: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 19:32:23 +0000
End at: Thu, 29 Jun 2017 19:32:53 +0000
Local clock offset: 1.759 ms
Remote clock offset: -17.739 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.707 ms
Loss rate: 0.00%
```

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

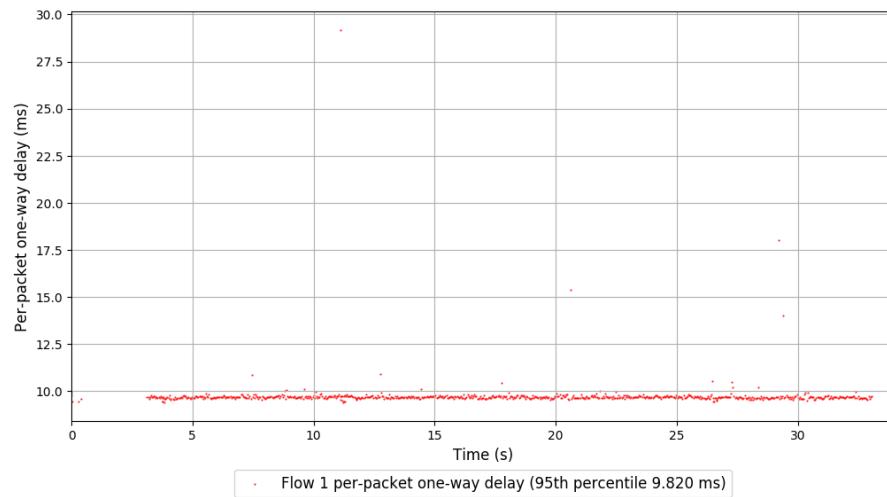
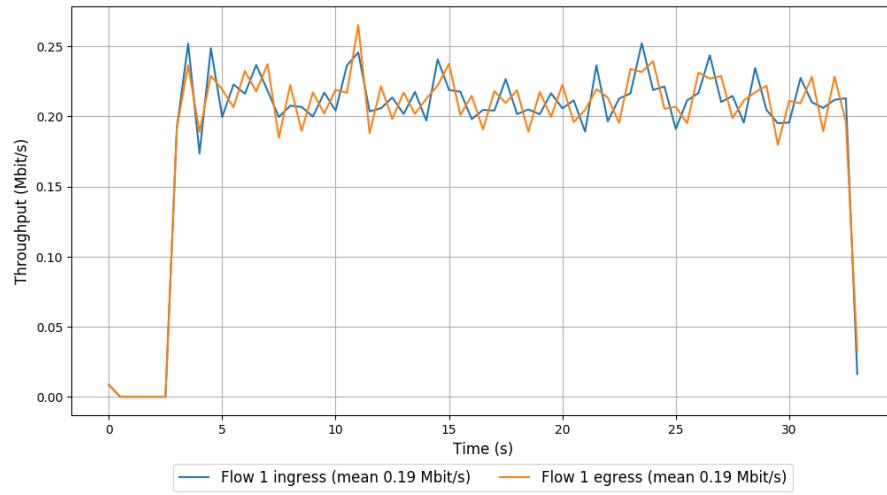


Run 4: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 19:50:42 +0000
End at: Thu, 29 Jun 2017 19:51:12 +0000
Local clock offset: -0.845 ms
Remote clock offset: -15.288 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.820 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

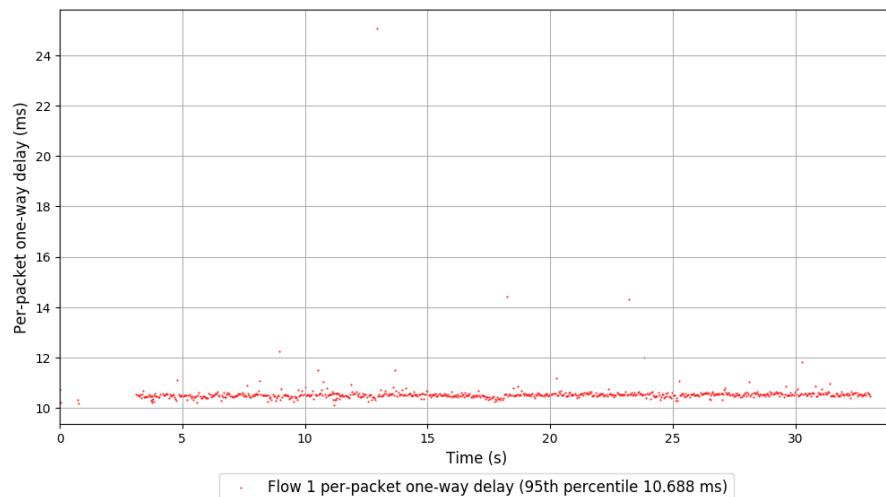
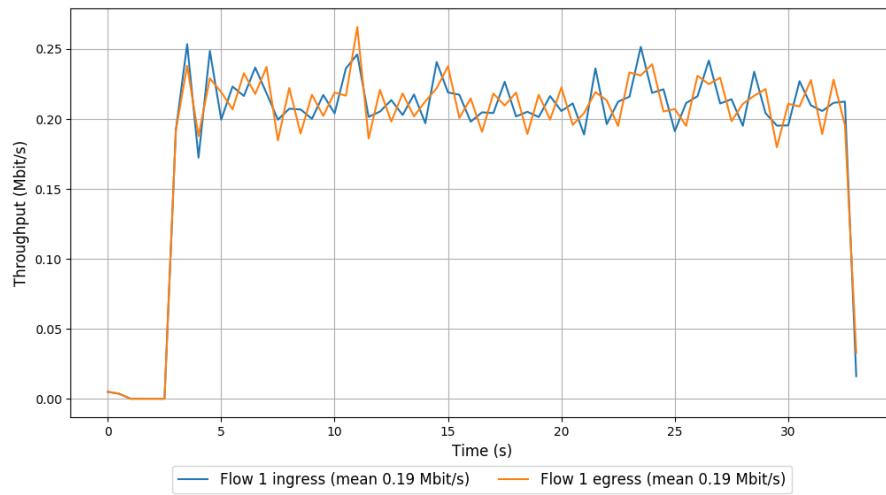


Run 5: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 20:09:02 +0000
End at: Thu, 29 Jun 2017 20:09:32 +0000
Local clock offset: 0.449 ms
Remote clock offset: -16.978 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.688 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.688 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

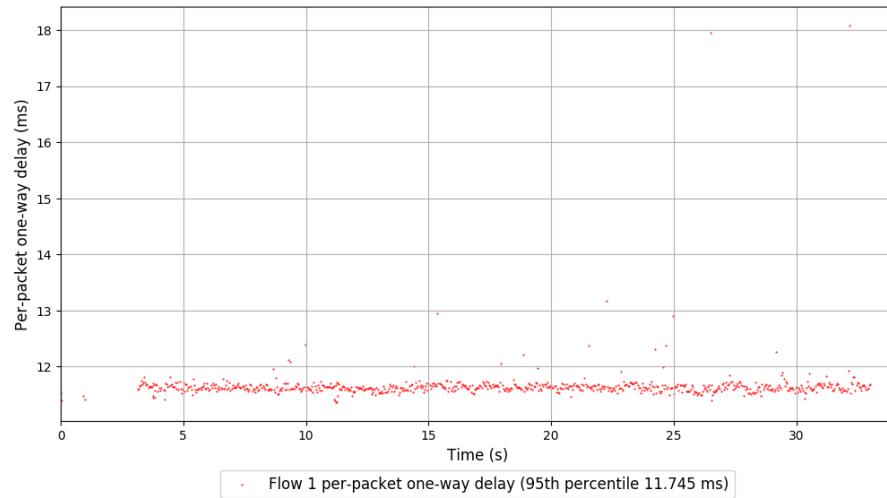
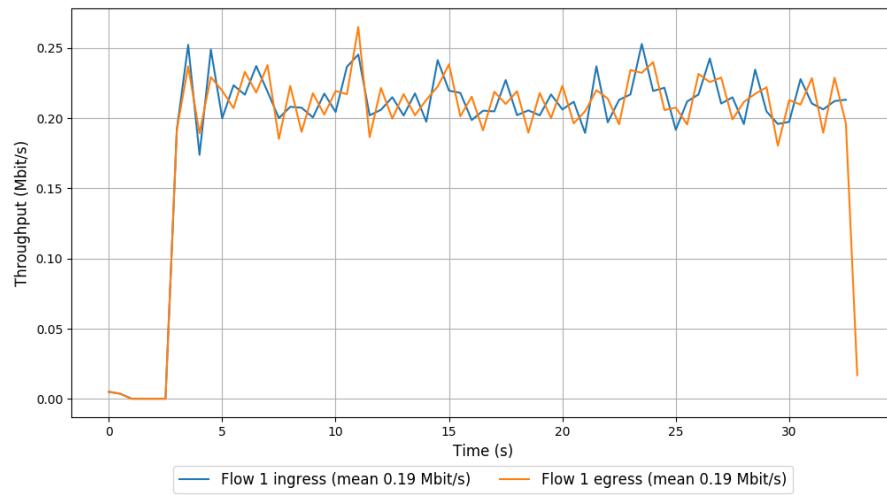


Run 6: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 20:27:14 +0000
End at: Thu, 29 Jun 2017 20:27:44 +0000
Local clock offset: -1.799 ms
Remote clock offset: -21.647 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 11.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 11.745 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

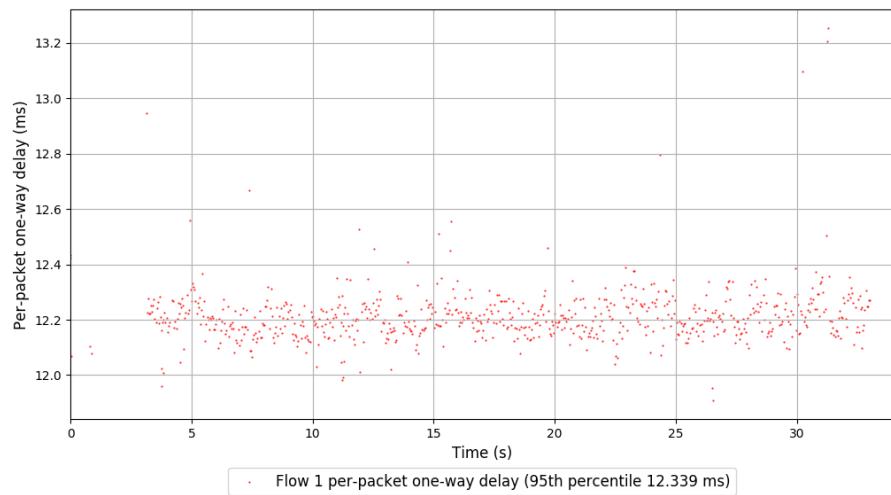
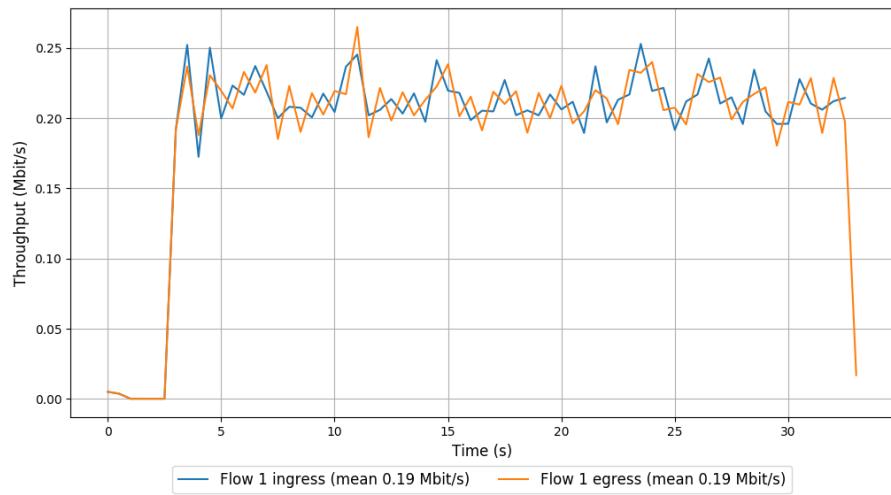


Run 7: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 20:45:37 +0000
End at: Thu, 29 Jun 2017 20:46:07 +0000
Local clock offset: 0.347 ms
Remote clock offset: -16.651 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.339 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

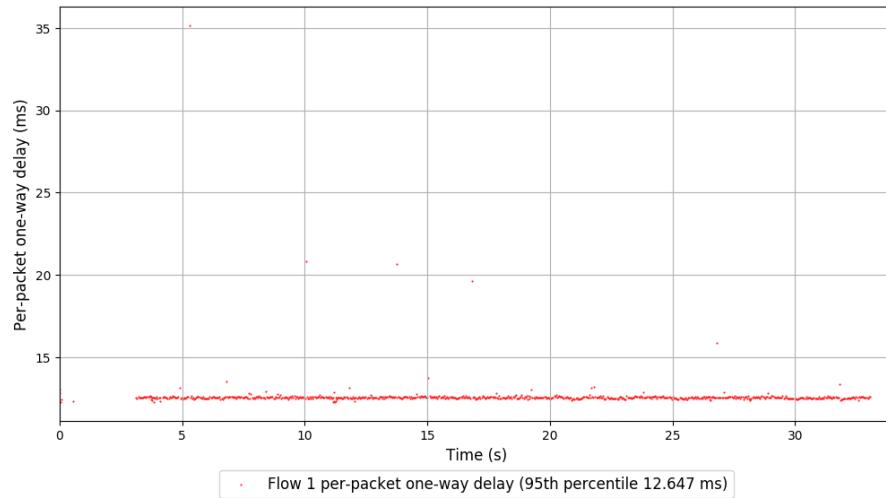
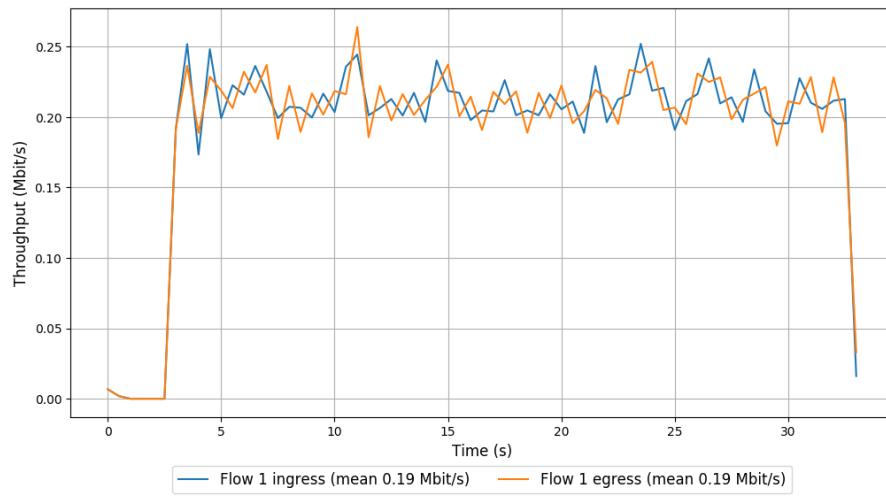


Run 8: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:03:26 +0000
End at: Thu, 29 Jun 2017 21:03:56 +0000
Local clock offset: -0.284 ms
Remote clock offset: -17.106 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.647 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.647 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

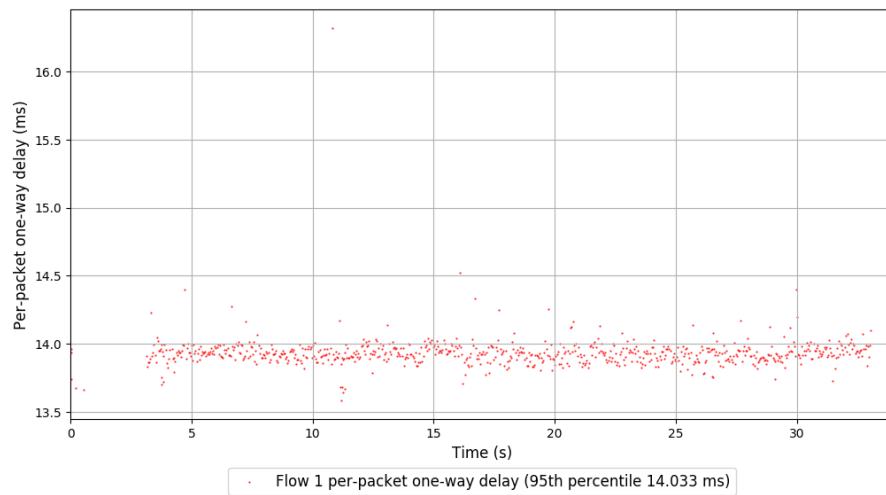
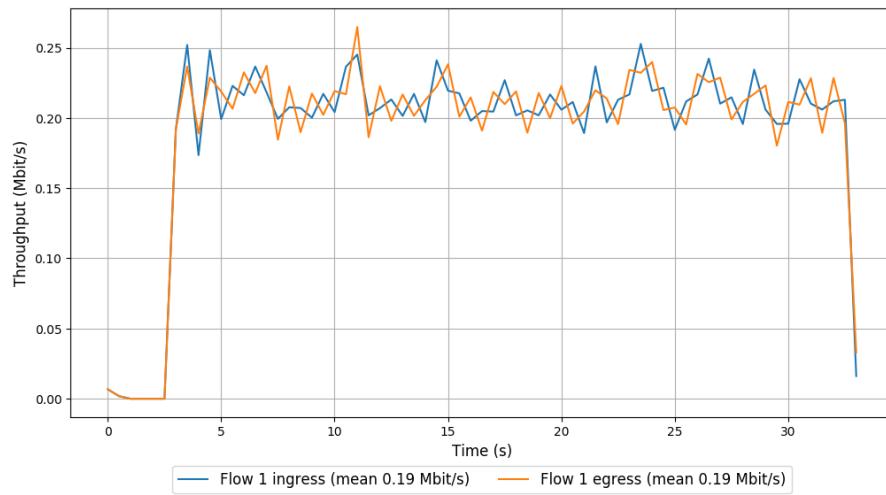


Run 9: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:21:15 +0000
End at: Thu, 29 Jun 2017 21:21:45 +0000
Local clock offset: 3.578 ms
Remote clock offset: -20.292 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 14.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 14.033 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

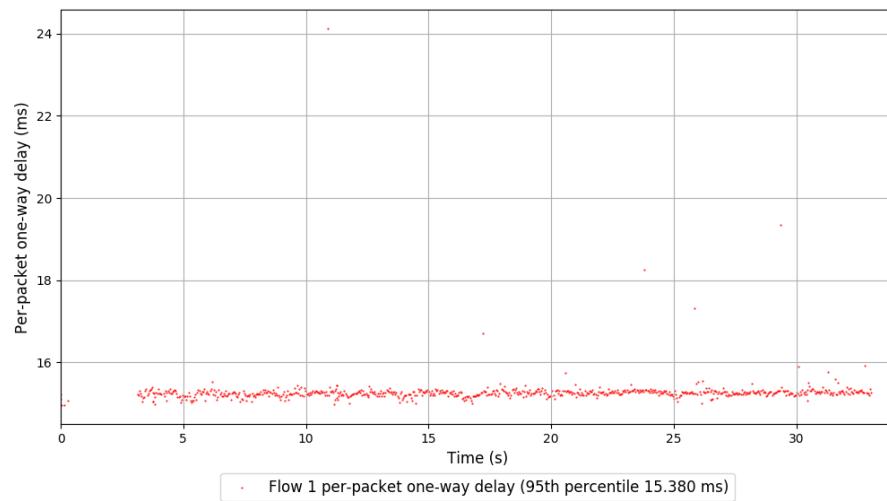
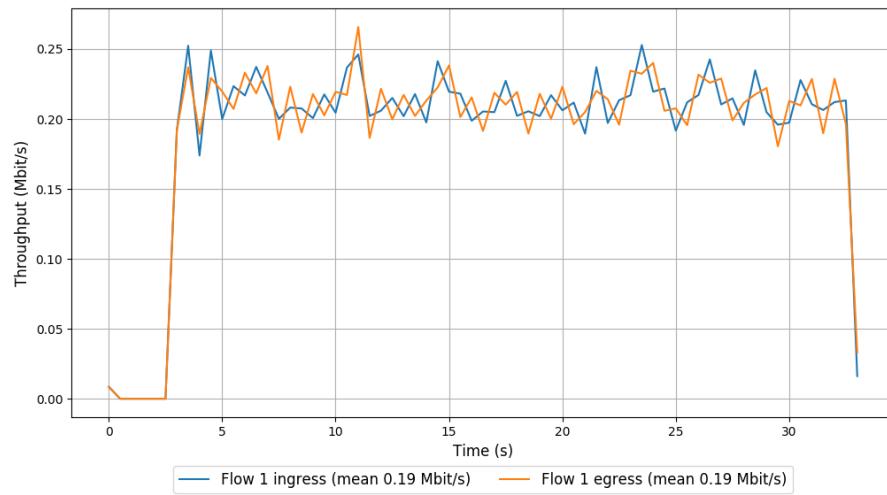


Run 10: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:39:37 +0000
End at: Thu, 29 Jun 2017 21:40:07 +0000
Local clock offset: 1.702 ms
Remote clock offset: -21.336 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 15.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 15.380 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

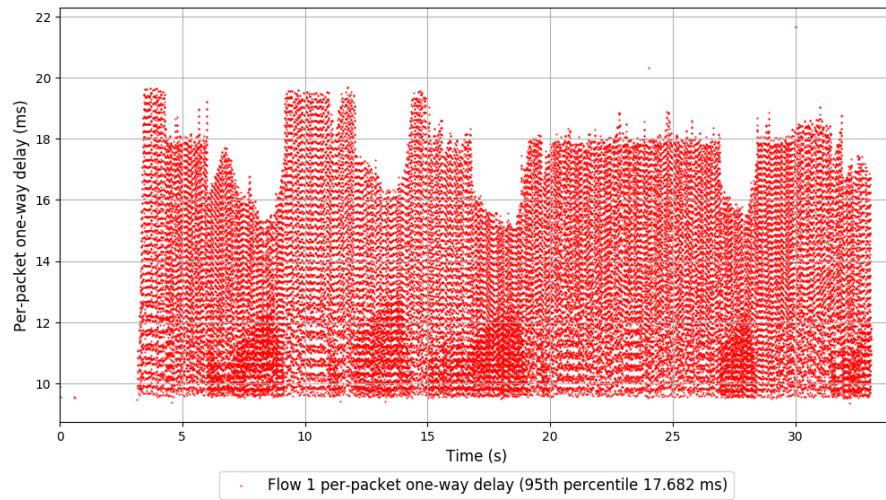
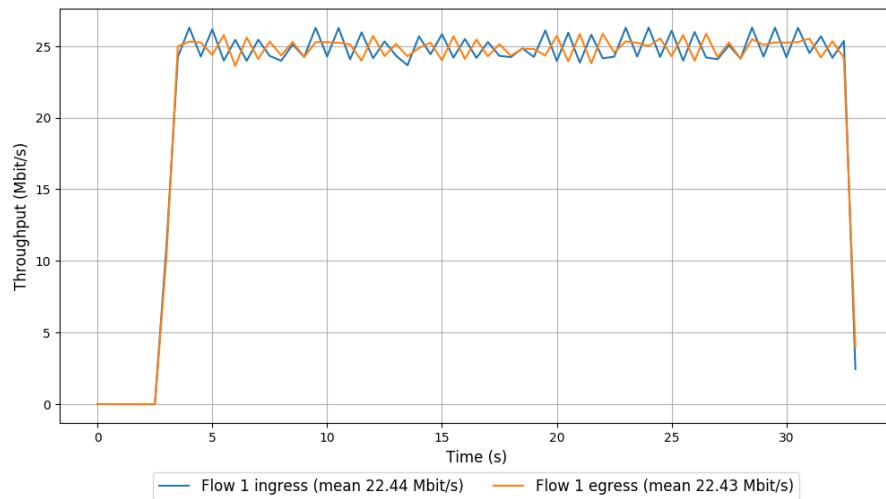


Run 1: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:08:15 +0000
End at: Thu, 29 Jun 2017 19:08:45 +0000
Local clock offset: 1.291 ms
Remote clock offset: -15.577 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 17.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 17.682 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

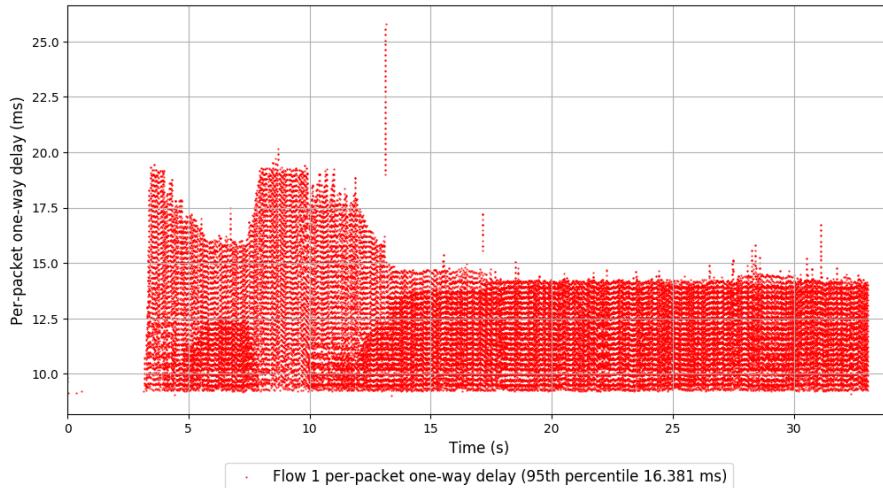
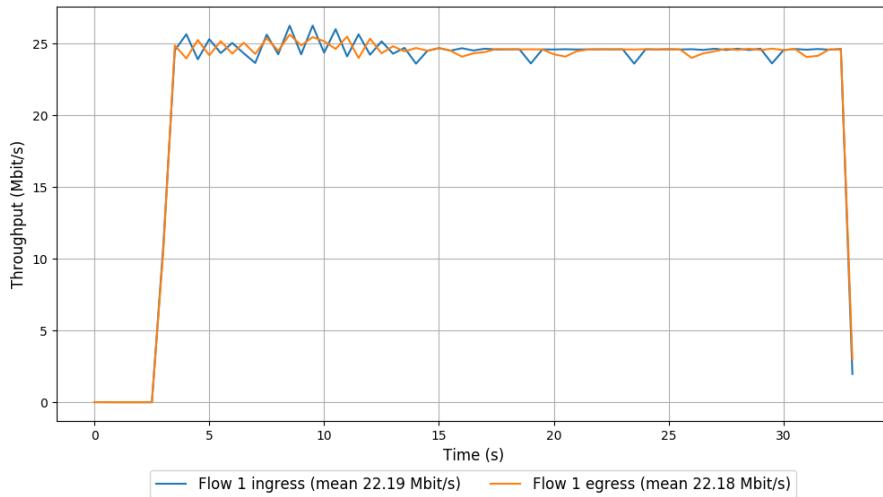


Run 2: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:26:22 +0000
End at: Thu, 29 Jun 2017 19:26:52 +0000
Local clock offset: 2.082 ms
Remote clock offset: -15.793 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: 16.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: 16.381 ms
Loss rate: 0.00%
```

## Run 2: Report of Sprout — Data Link

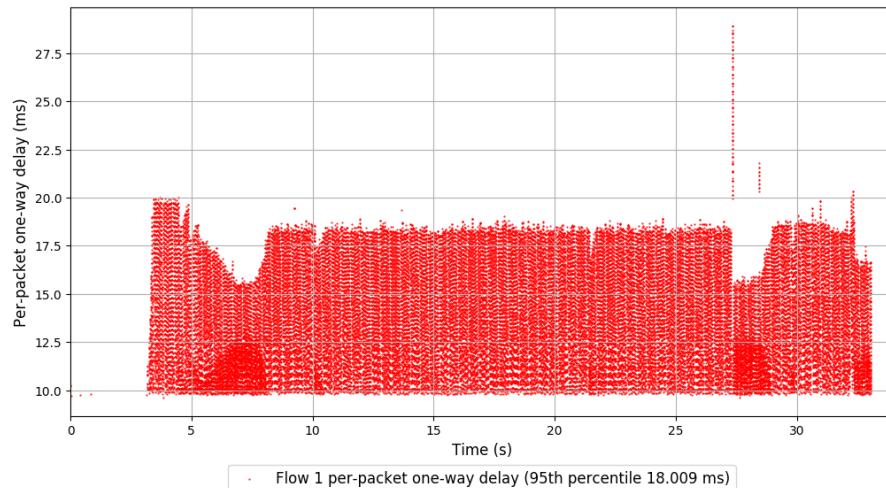
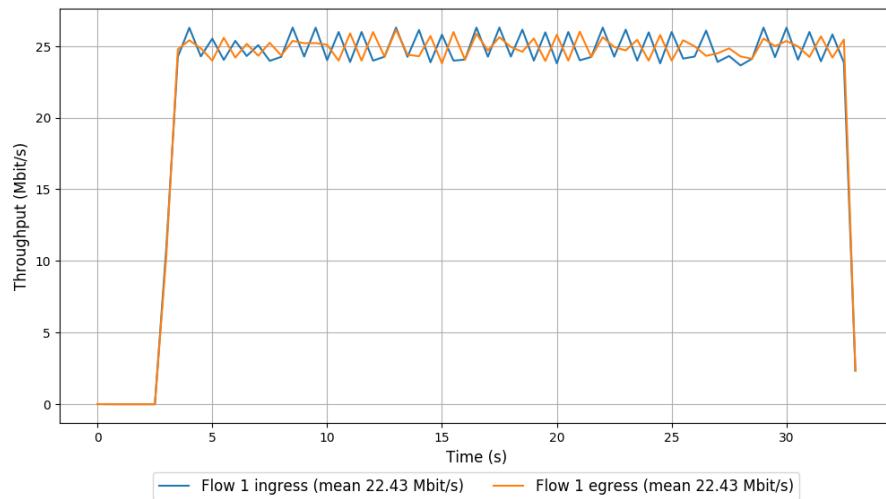


Run 3: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:44:36 +0000
End at: Thu, 29 Jun 2017 19:45:06 +0000
Local clock offset: -0.021 ms
Remote clock offset: -15.444 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 18.009 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 18.009 ms
Loss rate: 0.00%
```

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

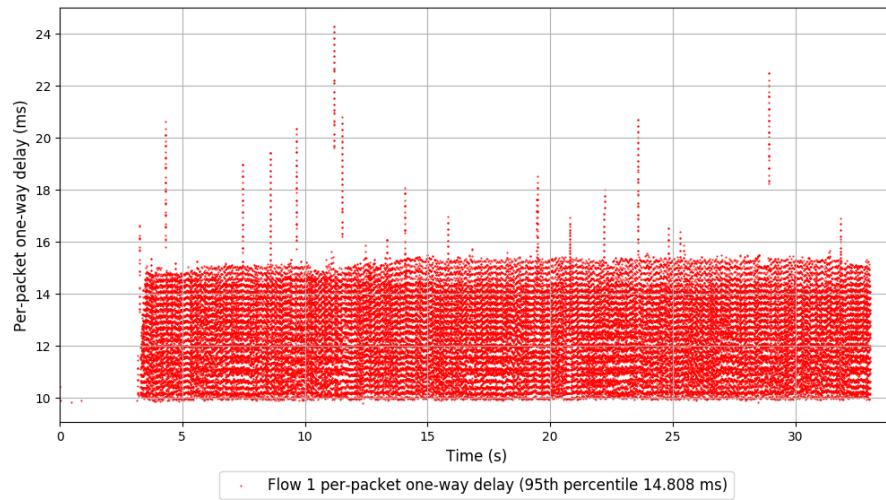
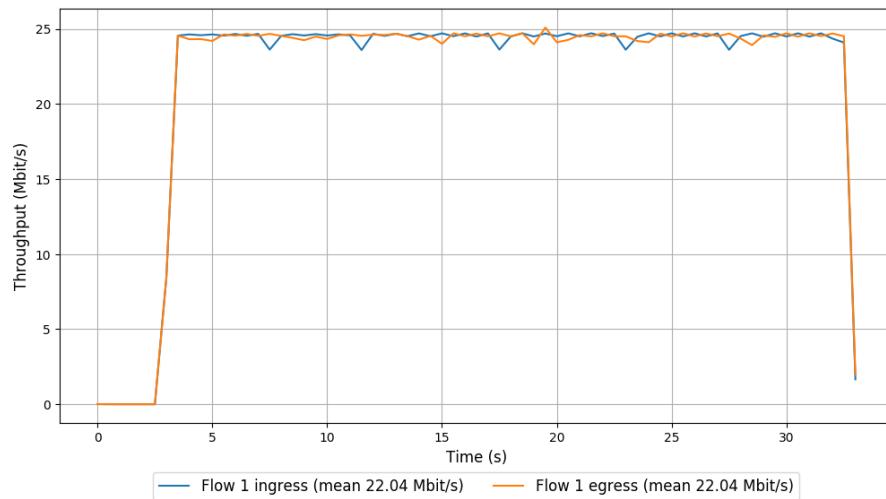


Run 4: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:02:51 +0000
End at: Thu, 29 Jun 2017 20:03:21 +0000
Local clock offset: -0.698 ms
Remote clock offset: -16.14 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 14.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 14.808 ms
Loss rate: 0.00%
```

## Run 4: Report of Sprout — Data Link

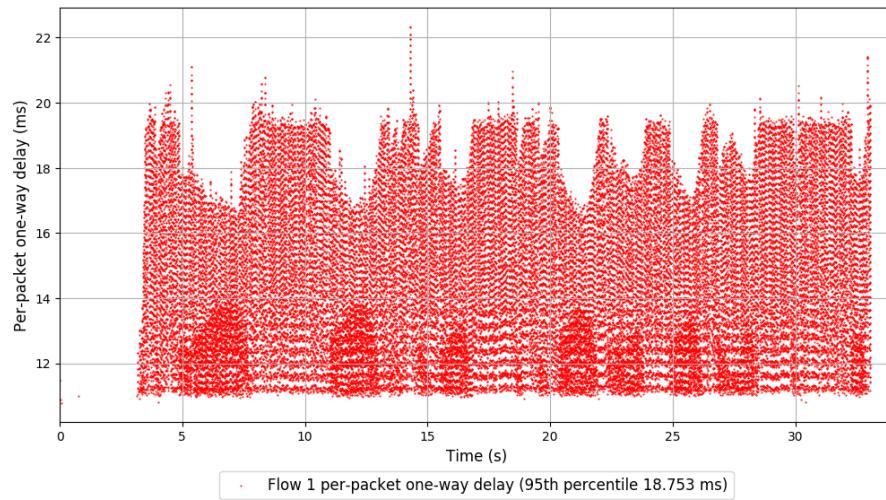
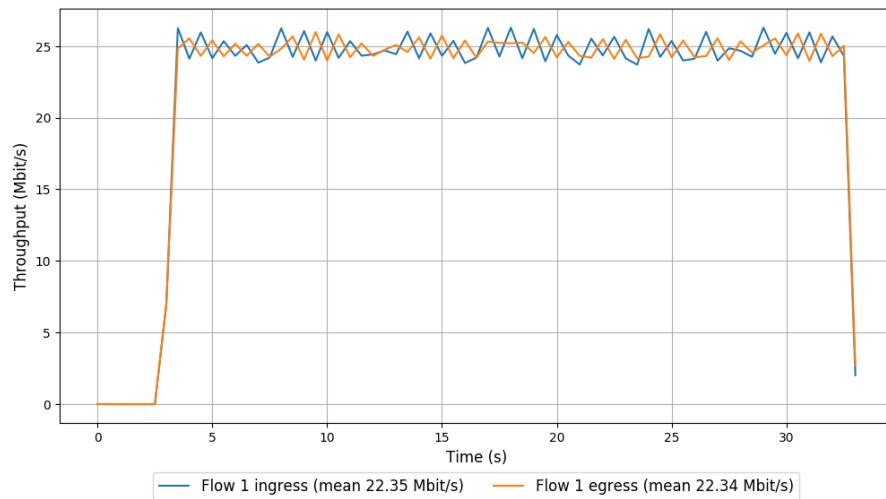


Run 5: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:21:09 +0000
End at: Thu, 29 Jun 2017 20:21:39 +0000
Local clock offset: 2.377 ms
Remote clock offset: -18.388 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 18.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 18.753 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

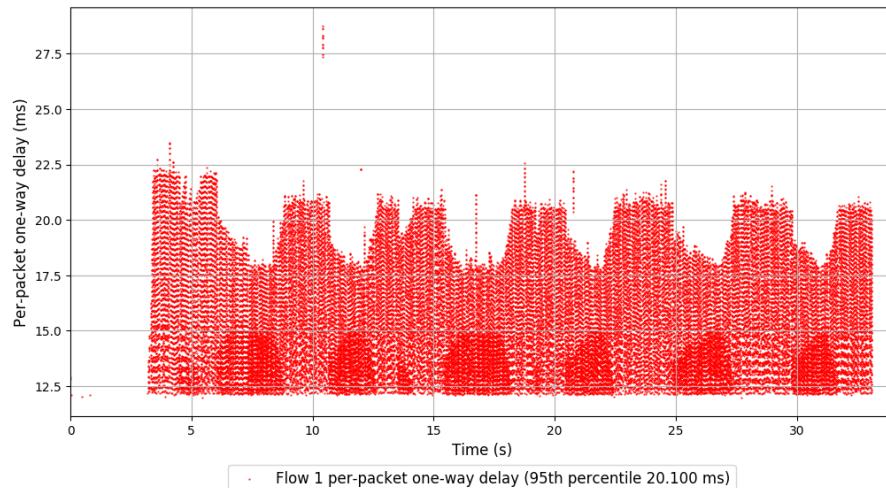
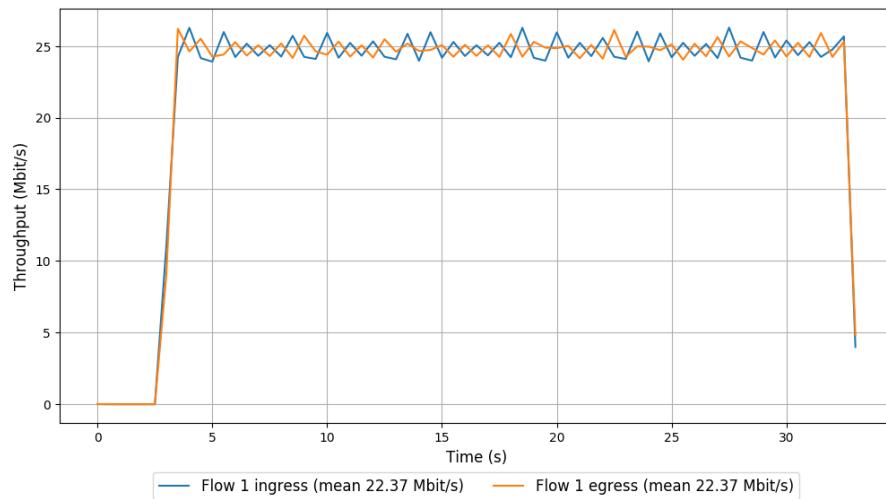


Run 6: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:39:07 +0000
End at: Thu, 29 Jun 2017 20:39:37 +0000
Local clock offset: 1.08 ms
Remote clock offset: -18.945 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 20.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 20.100 ms
Loss rate: 0.00%
```

## Run 6: Report of Sprout — Data Link

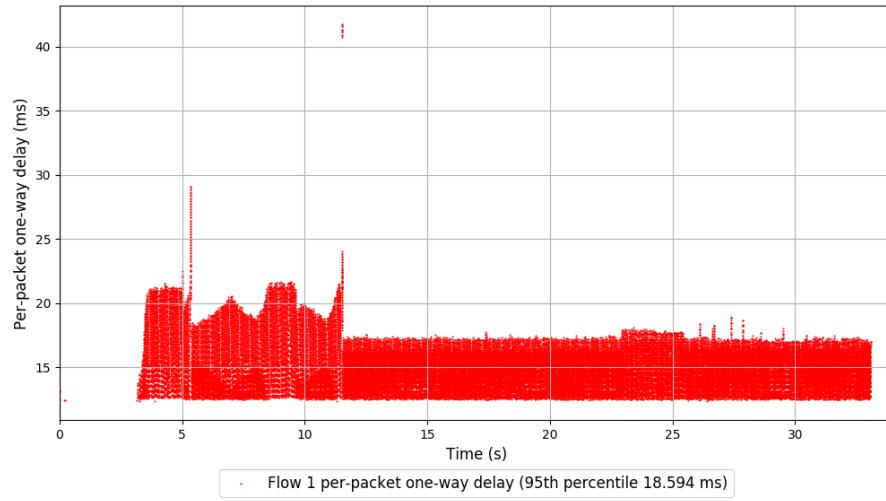
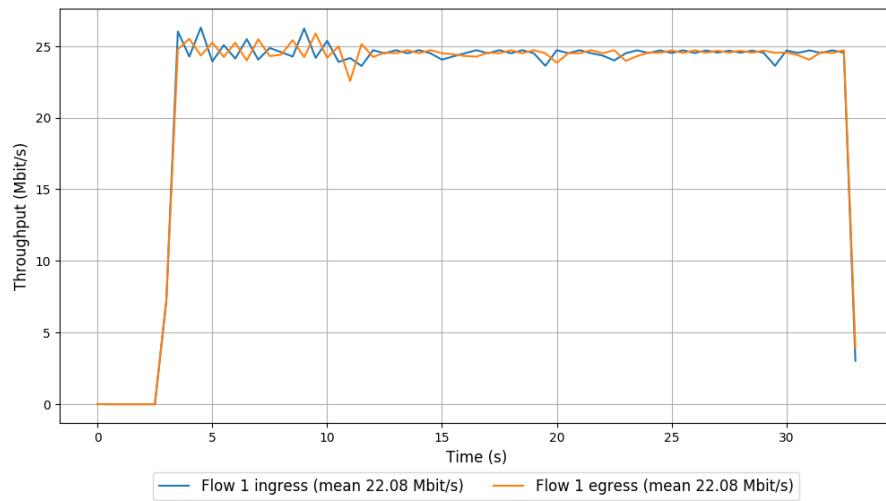


Run 7: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:57:19 +0000
End at: Thu, 29 Jun 2017 20:57:49 +0000
Local clock offset: 3.231 ms
Remote clock offset: -17.796 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 18.594 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 18.594 ms
Loss rate: 0.00%
```

## Run 7: Report of Sprout — Data Link

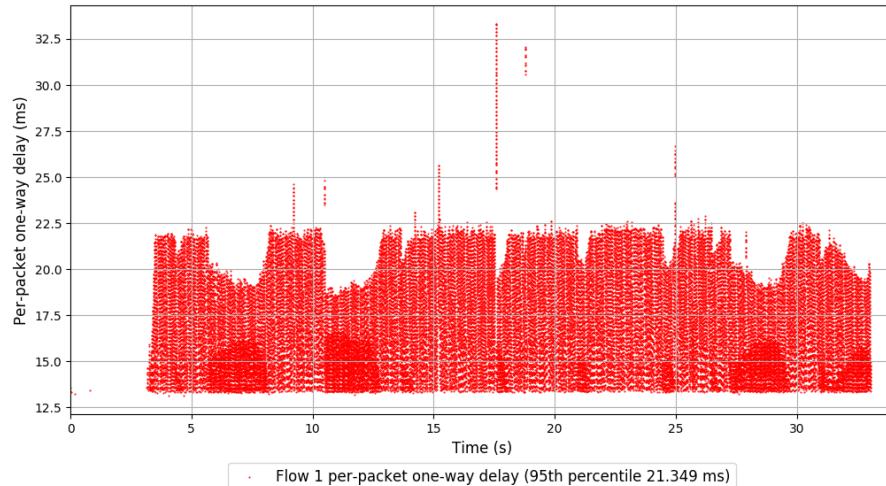
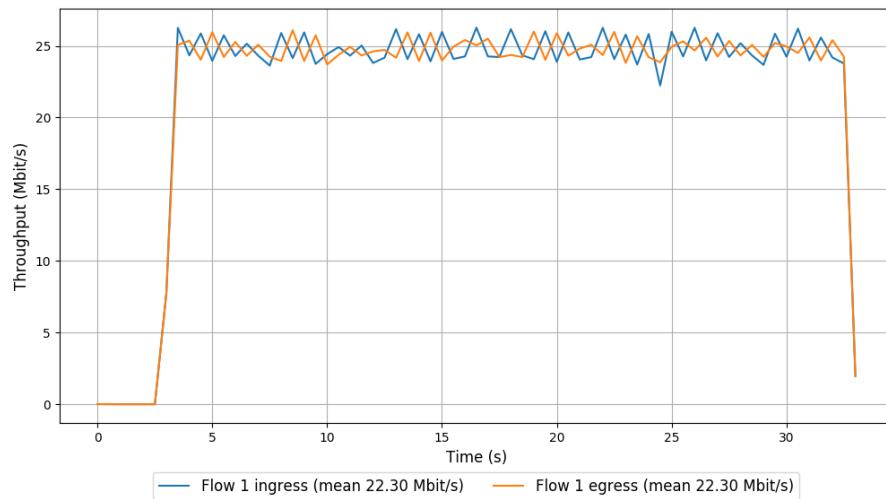


Run 8: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 21:15:14 +0000
End at: Thu, 29 Jun 2017 21:15:44 +0000
Local clock offset: 2.23 ms
Remote clock offset: -19.311 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.30 Mbit/s
95th percentile per-packet one-way delay: 21.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.30 Mbit/s
95th percentile per-packet one-way delay: 21.349 ms
Loss rate: 0.00%
```

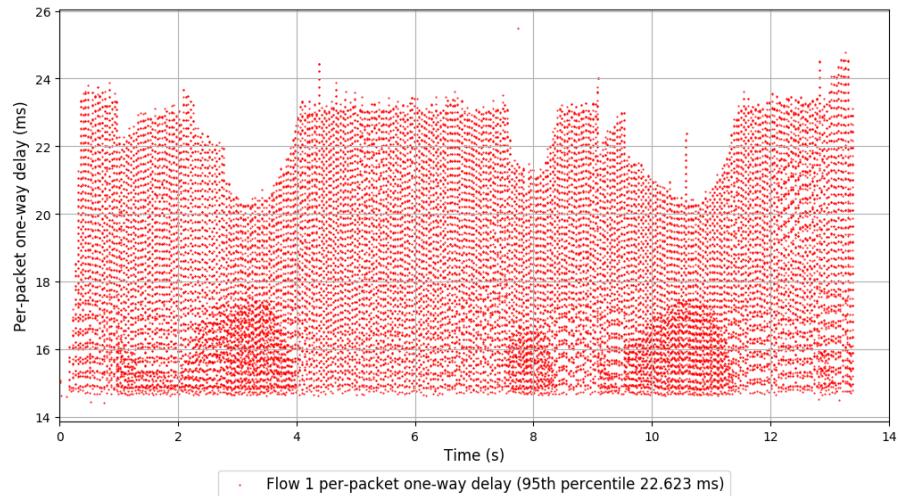
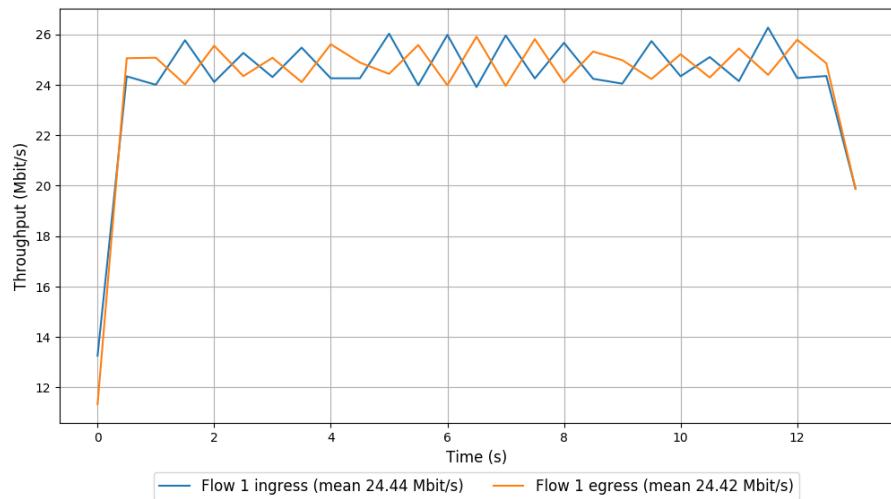
## Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Thu, 29 Jun 2017 21:33:31 +0000  
End at: Thu, 29 Jun 2017 21:34:01 +0000  
Local clock offset: 2.239 ms  
Remote clock offset: -20.3 ms

Run 9: Report of Sprout — Data Link

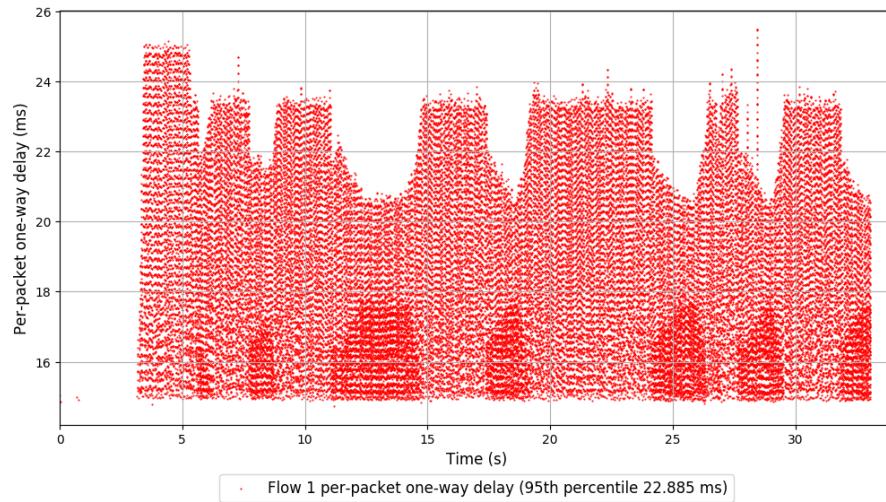
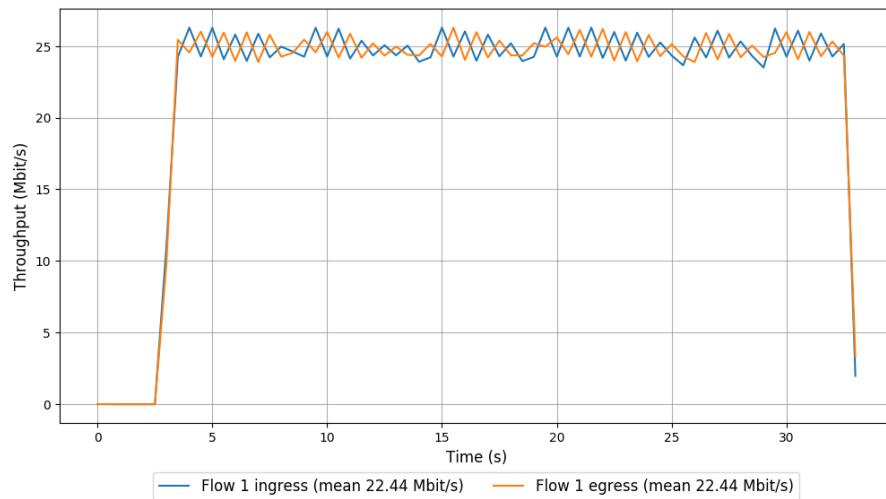


Run 10: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 21:51:37 +0000
End at: Thu, 29 Jun 2017 21:52:07 +0000
Local clock offset: -0.768 ms
Remote clock offset: -21.385 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:46:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.44 Mbit/s
95th percentile per-packet one-way delay: 22.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.44 Mbit/s
95th percentile per-packet one-way delay: 22.885 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

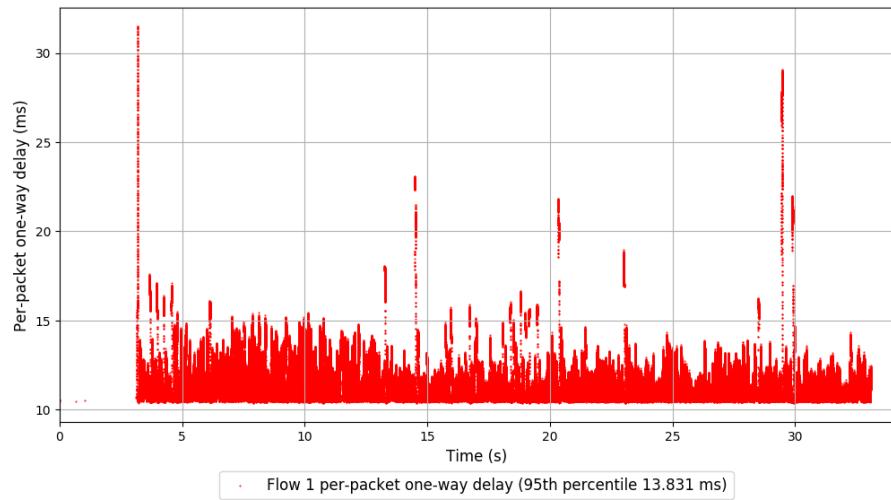
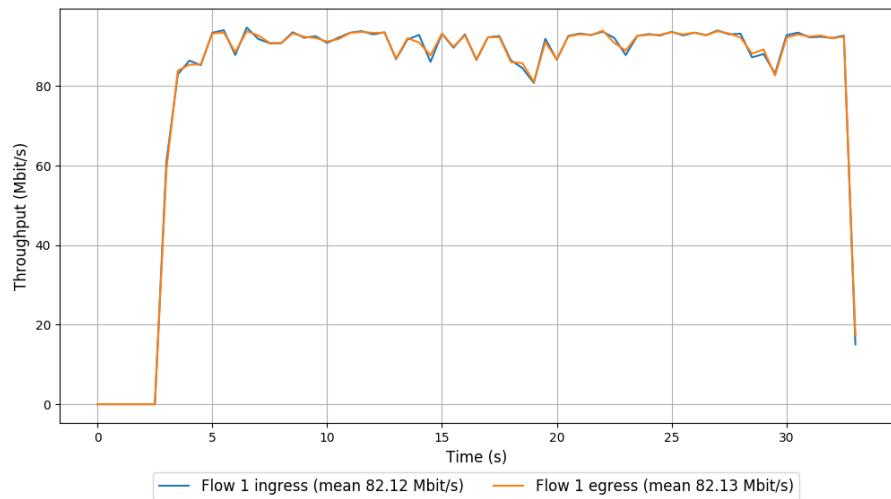


Run 1: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 18:57:01 +0000
End at: Thu, 29 Jun 2017 18:57:31 +0000
Local clock offset: -0.156 ms
Remote clock offset: -18.103 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.13 Mbit/s
95th percentile per-packet one-way delay: 13.831 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.13 Mbit/s
95th percentile per-packet one-way delay: 13.831 ms
Loss rate: 0.00%
```

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

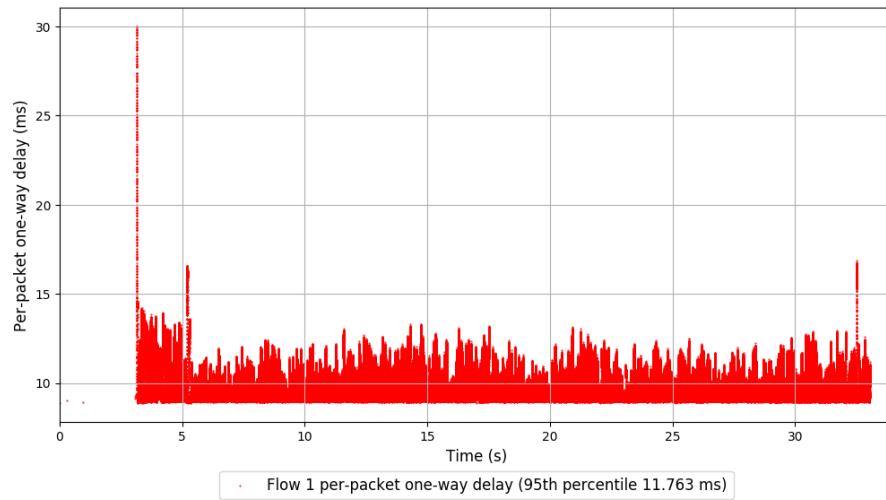
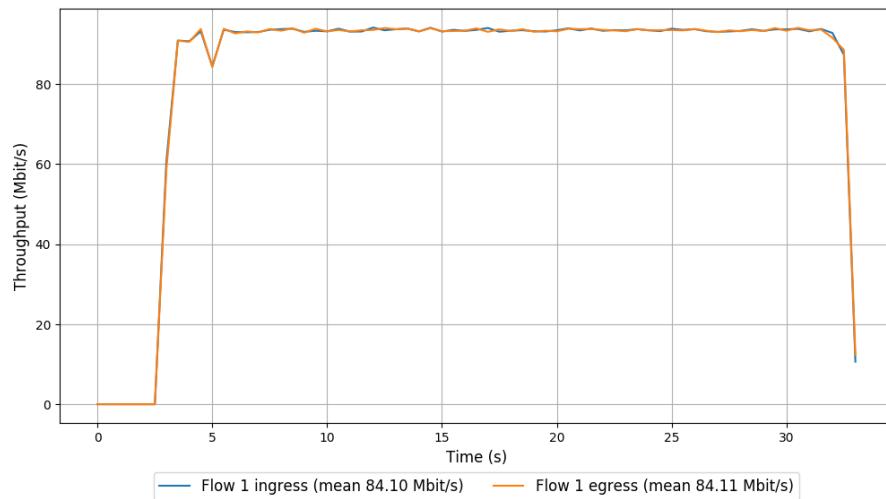


Run 2: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 19:15:25 +0000
End at: Thu, 29 Jun 2017 19:15:55 +0000
Local clock offset: 1.988 ms
Remote clock offset: -17.551 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 11.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 11.763 ms
Loss rate: 0.00%
```

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

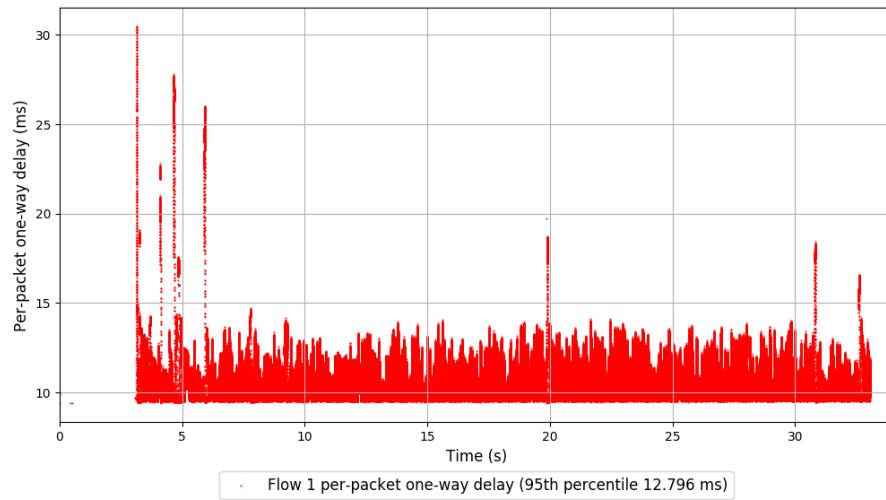
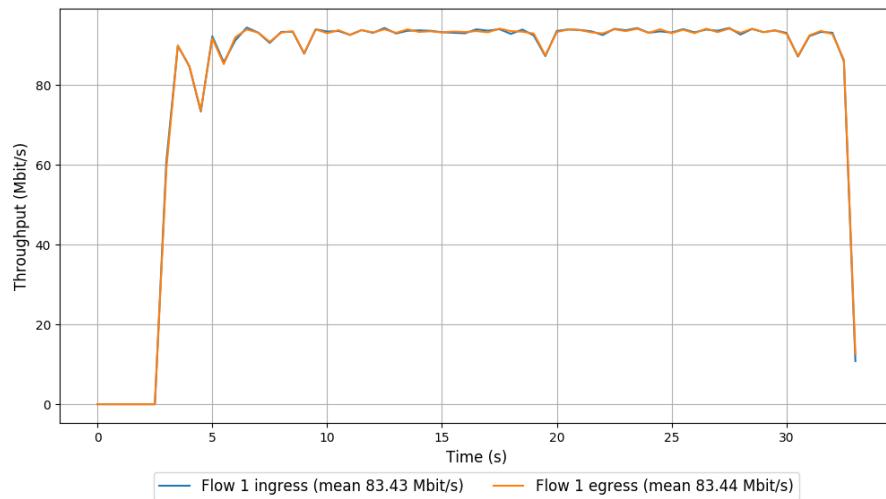


Run 3: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 19:33:27 +0000
End at: Thu, 29 Jun 2017 19:33:57 +0000
Local clock offset: 2.148 ms
Remote clock offset: -17.046 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 12.796 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 12.796 ms
Loss rate: 0.00%
```

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

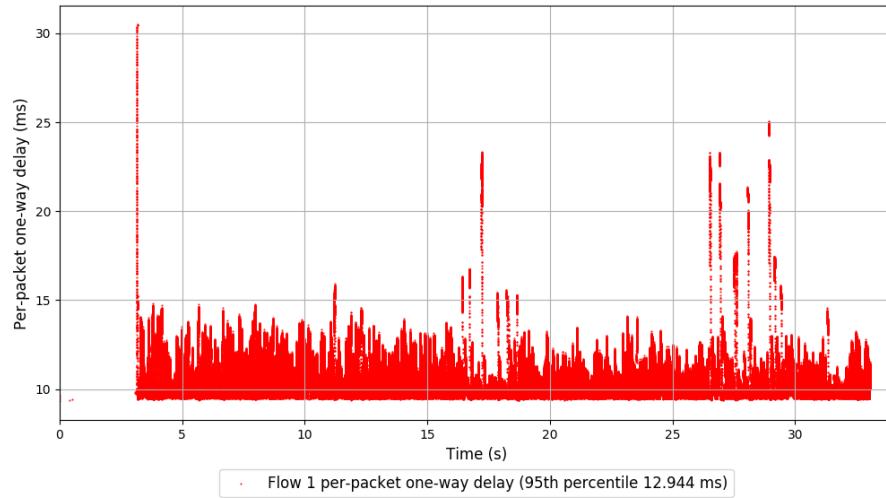
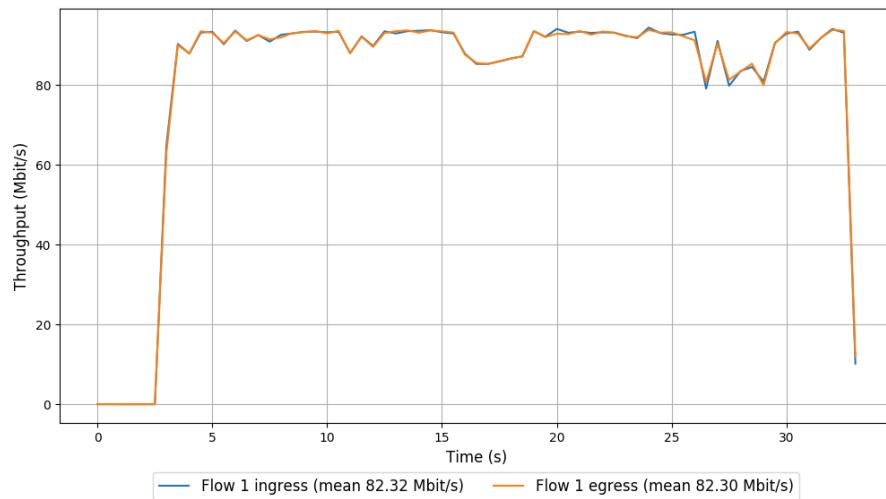


Run 4: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 19:51:47 +0000
End at: Thu, 29 Jun 2017 19:52:17 +0000
Local clock offset: 2.261 ms
Remote clock offset: -15.267 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.30 Mbit/s
95th percentile per-packet one-way delay: 12.944 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 82.30 Mbit/s
95th percentile per-packet one-way delay: 12.944 ms
Loss rate: 0.03%
```

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

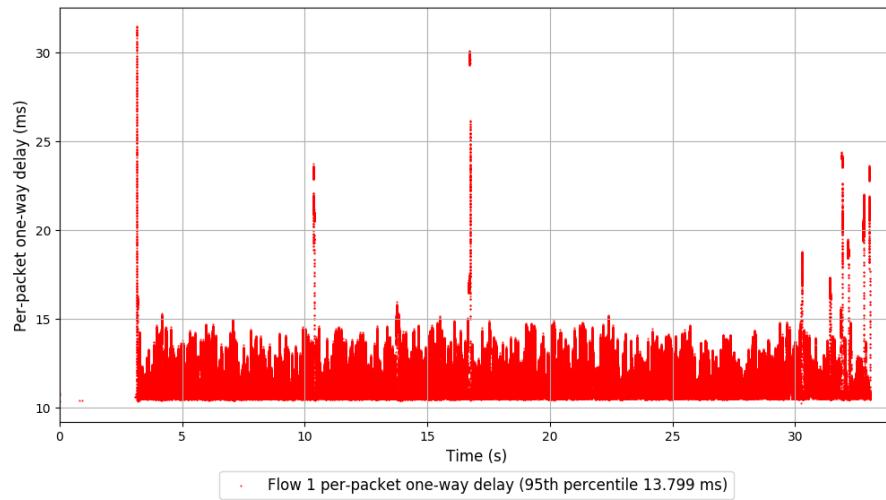
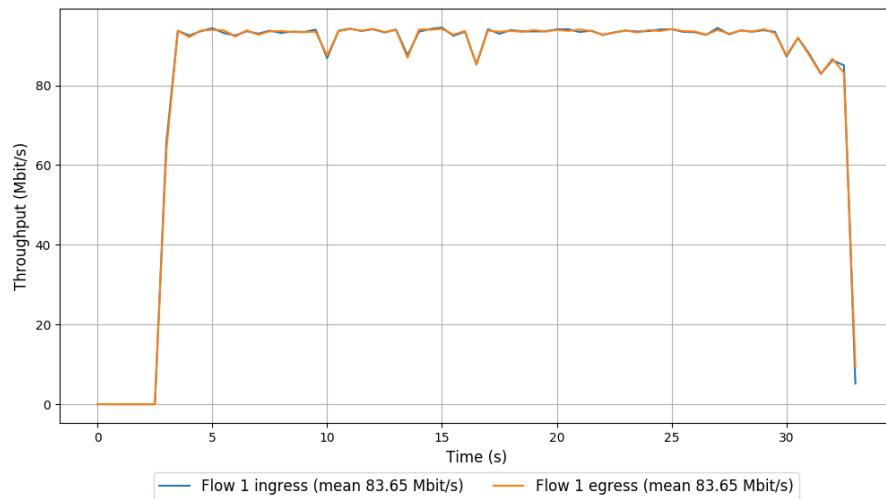


Run 5: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 20:10:06 +0000
End at: Thu, 29 Jun 2017 20:10:36 +0000
Local clock offset: 0.135 ms
Remote clock offset: -15.652 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.65 Mbit/s
95th percentile per-packet one-way delay: 13.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.65 Mbit/s
95th percentile per-packet one-way delay: 13.799 ms
Loss rate: 0.00%
```

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

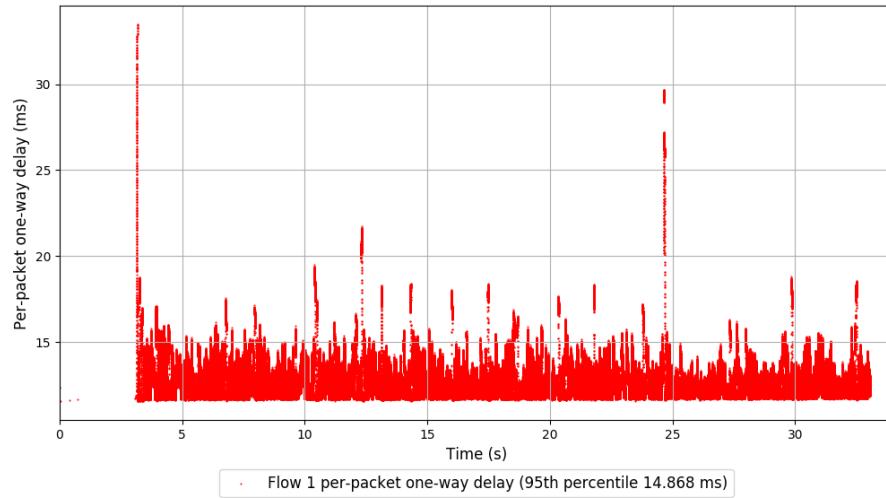
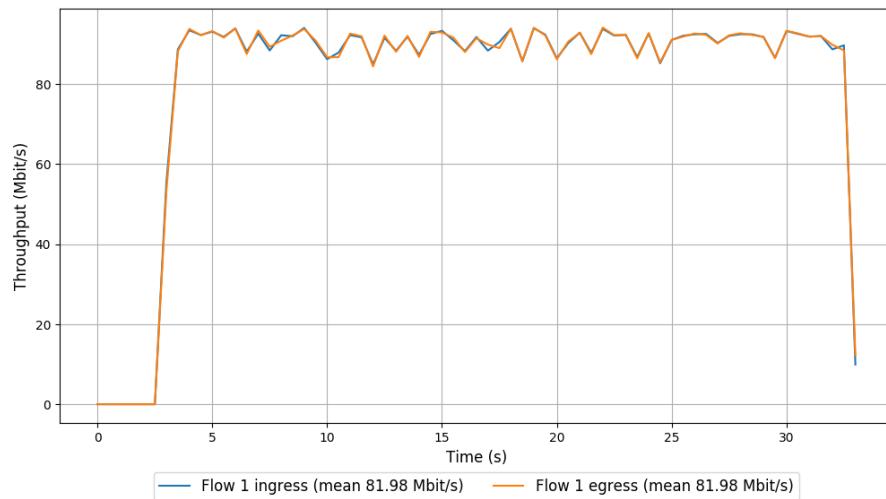


Run 6: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 20:28:18 +0000
End at: Thu, 29 Jun 2017 20:28:48 +0000
Local clock offset: -0.094 ms
Remote clock offset: -18.735 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 14.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 14.868 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:46:42 +0000

End at: Thu, 29 Jun 2017 20:47:12 +0000

Local clock offset: 2.659 ms

Remote clock offset: -17.632 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.35 Mbit/s

95th percentile per-packet one-way delay: 15.995 ms

Loss rate: 0.00%

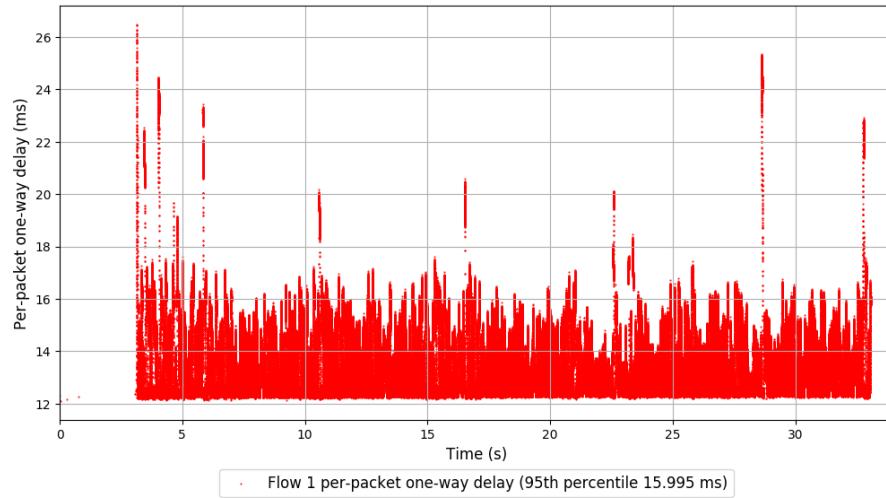
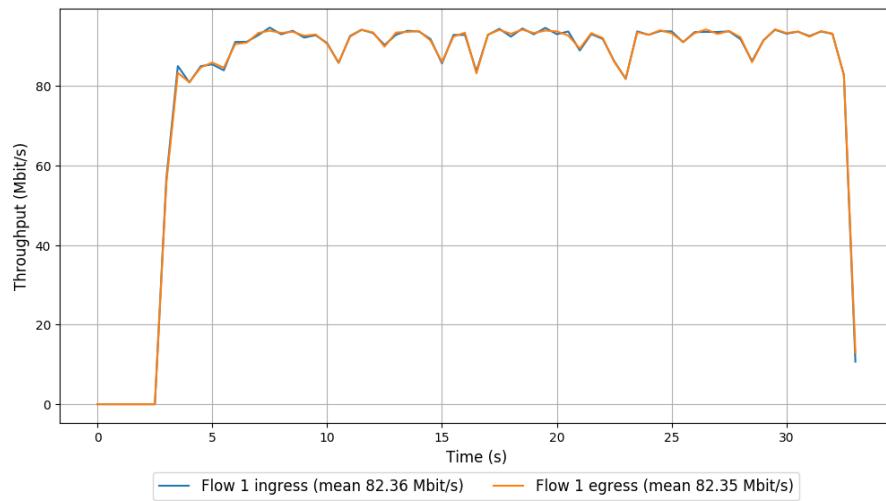
-- Flow 1:

Average throughput: 82.35 Mbit/s

95th percentile per-packet one-way delay: 15.995 ms

Loss rate: 0.00%

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



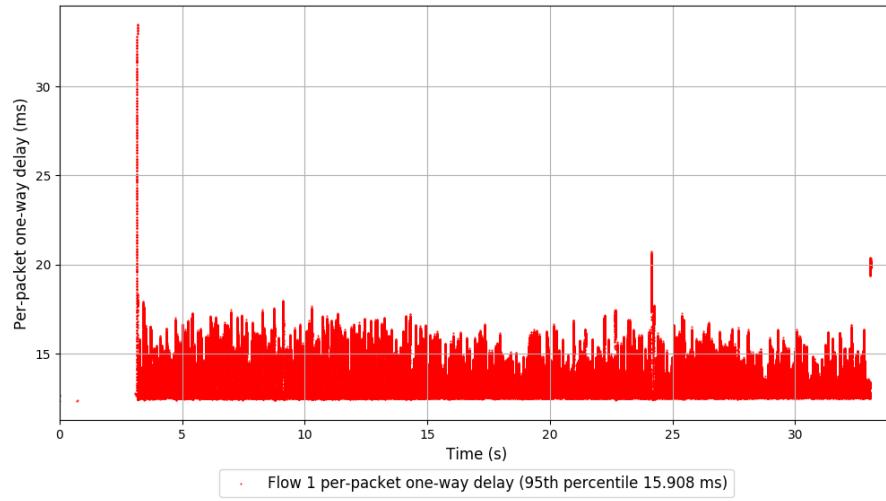
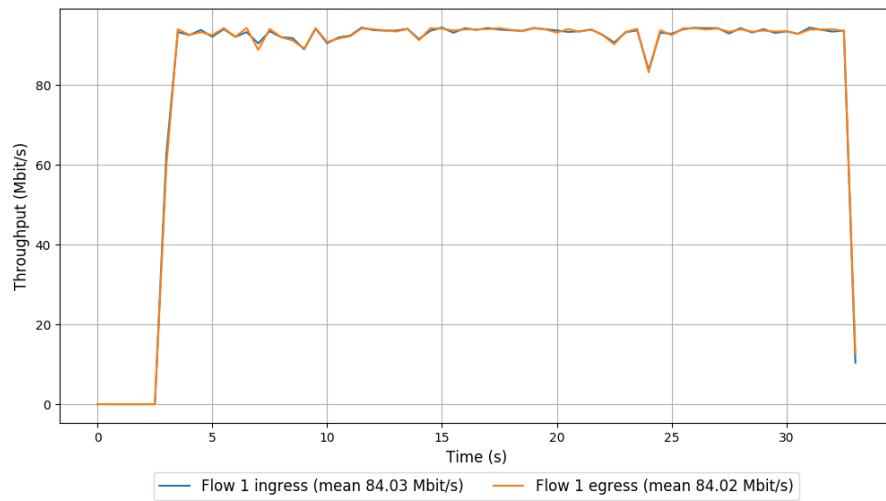
Run 8: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:04:30 +0000  
End at: Thu, 29 Jun 2017 21:05:00 +0000

Local clock offset: 0.607 ms  
Remote clock offset: -17.201 ms

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.02 Mbit/s
95th percentile per-packet one-way delay: 15.908 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.02 Mbit/s
95th percentile per-packet one-way delay: 15.908 ms
Loss rate: 0.00%
```

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

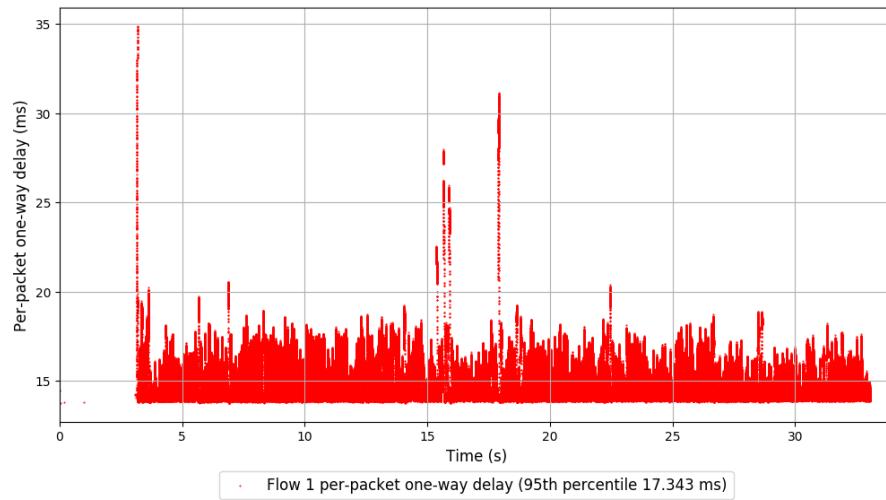
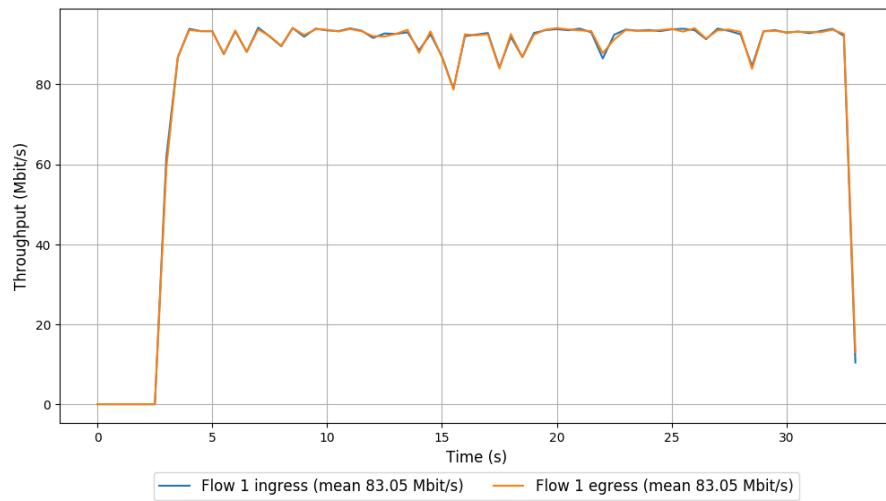


Run 9: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 21:22:19 +0000
End at: Thu, 29 Jun 2017 21:22:49 +0000
Local clock offset: -0.321 ms
Remote clock offset: -18.577 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.05 Mbit/s
95th percentile per-packet one-way delay: 17.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.05 Mbit/s
95th percentile per-packet one-way delay: 17.343 ms
Loss rate: 0.00%
```

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



Run 10: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:40:42 +0000

End at: Thu, 29 Jun 2017 21:41:12 +0000

Local clock offset: 2.937 ms

Remote clock offset: -23.179 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.31 Mbit/s

95th percentile per-packet one-way delay: 18.854 ms

Loss rate: 0.00%

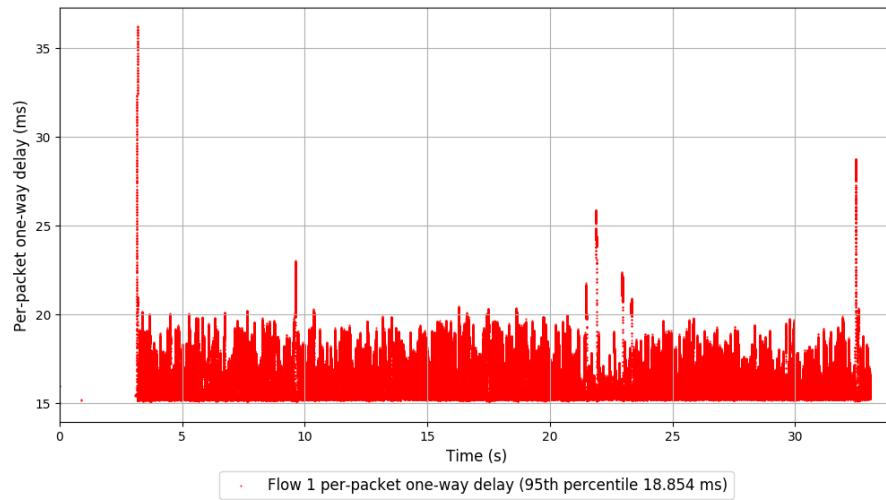
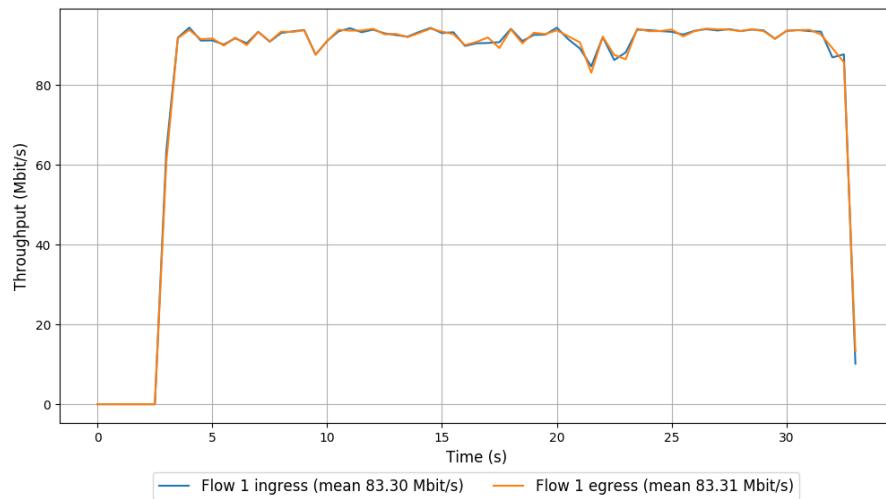
-- Flow 1:

Average throughput: 83.31 Mbit/s

95th percentile per-packet one-way delay: 18.854 ms

Loss rate: 0.00%

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

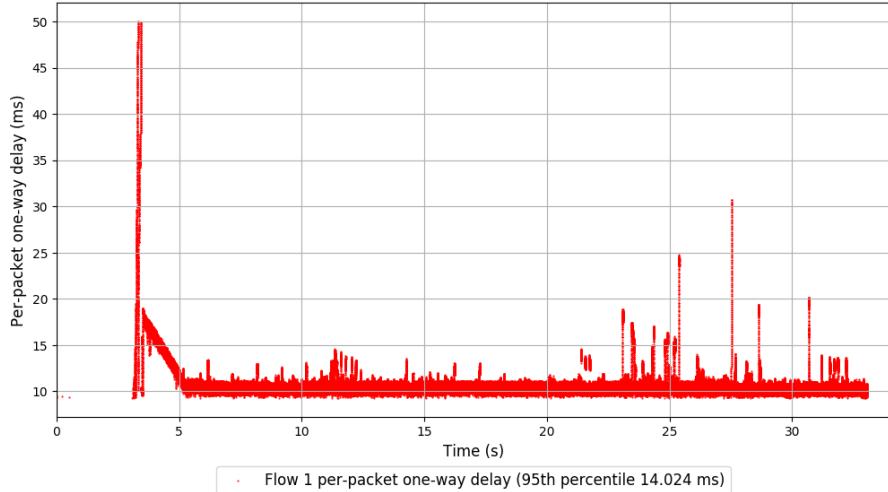
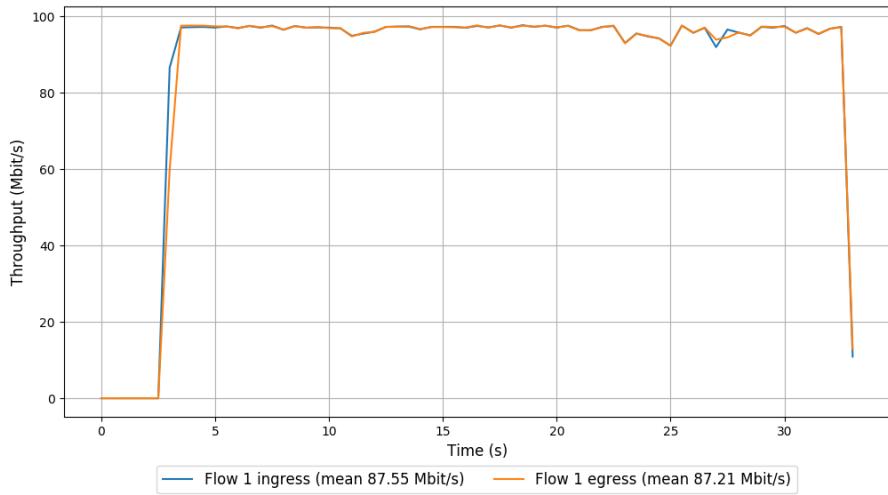


Run 1: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:10:40 +0000
End at: Thu, 29 Jun 2017 19:11:10 +0000
Local clock offset: -0.047 ms
Remote clock offset: -16.756 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 14.024 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 14.024 ms
Loss rate: 0.40%
```

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

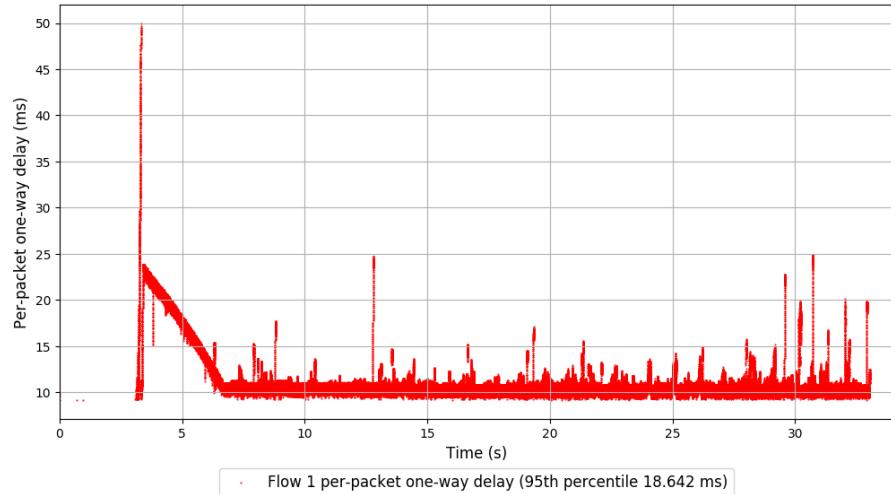
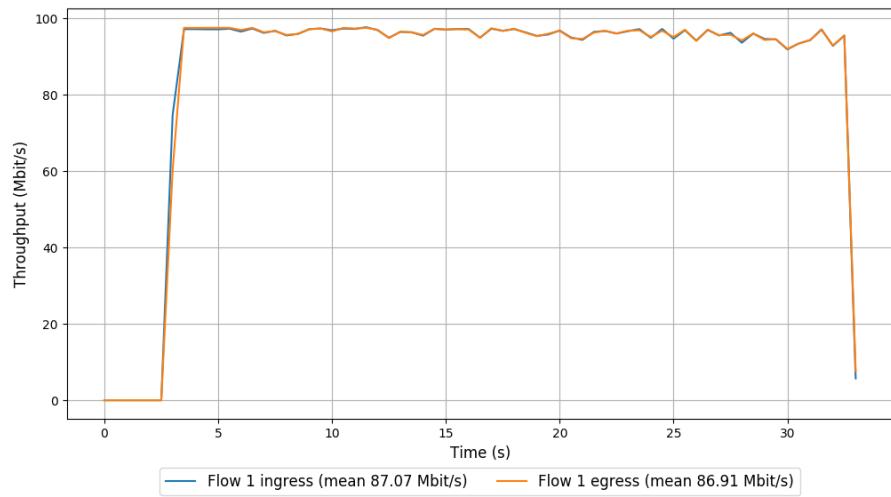


Run 2: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:28:44 +0000
End at: Thu, 29 Jun 2017 19:29:14 +0000
Local clock offset: 1.311 ms
Remote clock offset: -16.235 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:48:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 18.642 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 18.642 ms
Loss rate: 0.18%
```

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

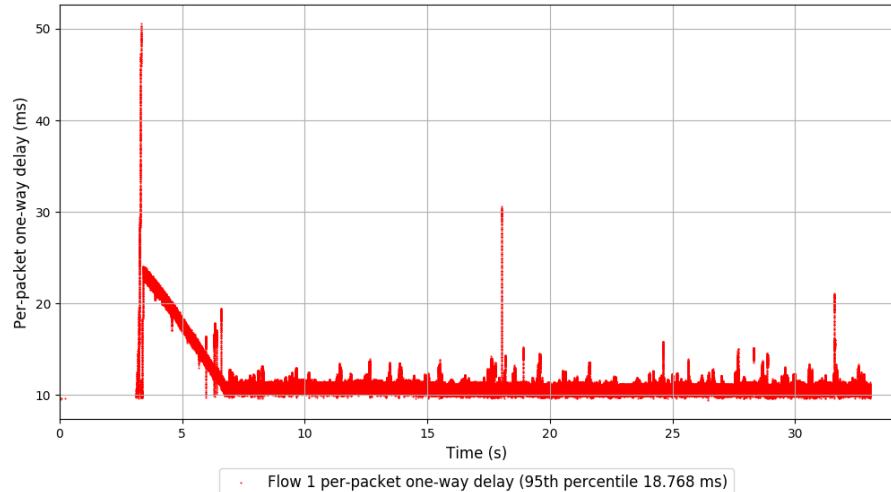
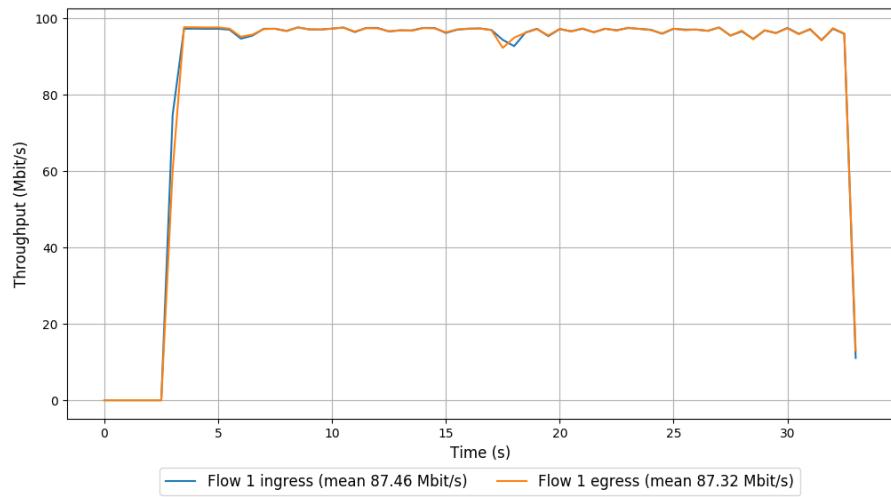


Run 3: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:46:57 +0000
End at: Thu, 29 Jun 2017 19:47:27 +0000
Local clock offset: 1.904 ms
Remote clock offset: -15.965 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 18.768 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 18.768 ms
Loss rate: 0.17%
```

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

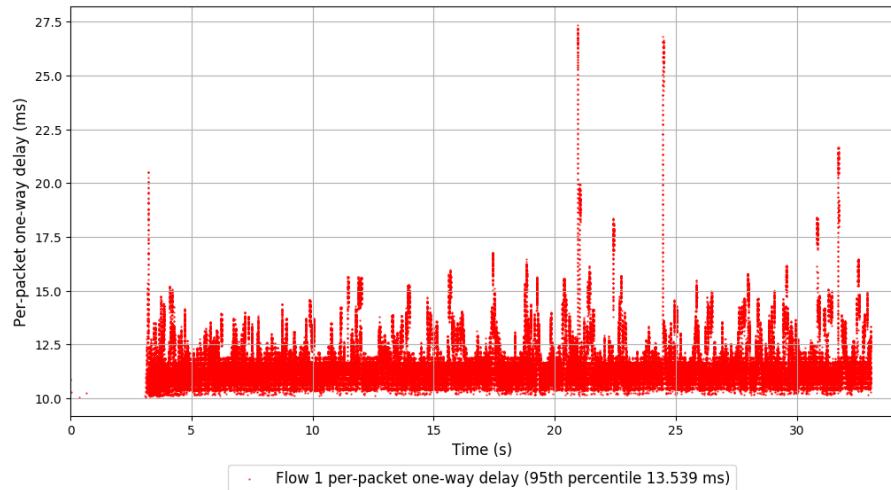
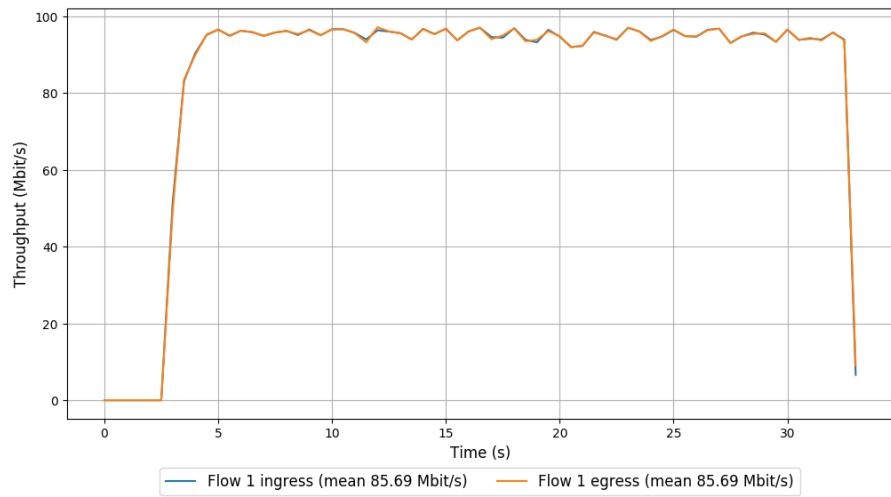


Run 4: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 20:05:13 +0000
End at: Thu, 29 Jun 2017 20:05:43 +0000
Local clock offset: -0.365 ms
Remote clock offset: -16.604 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 13.539 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 13.539 ms
Loss rate: 0.00%
```

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

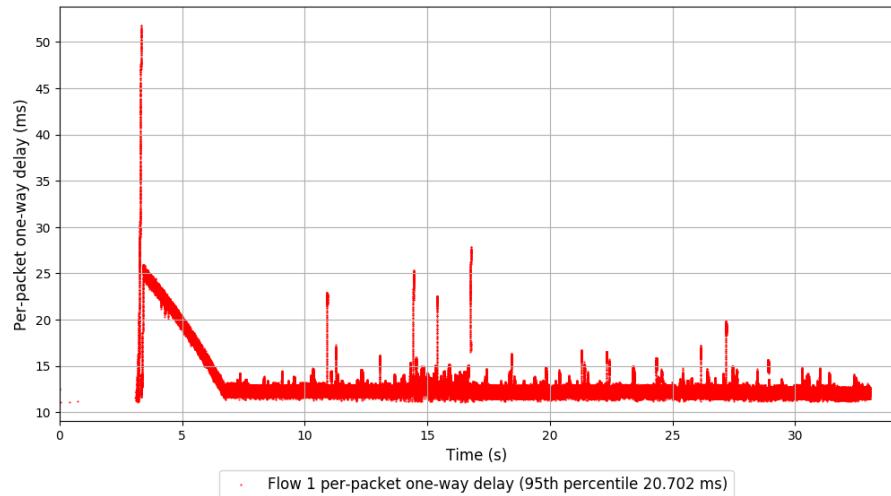
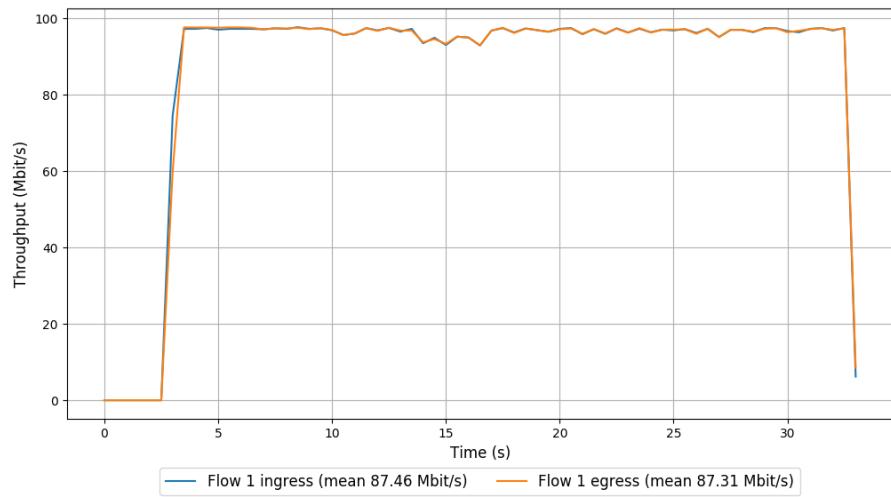


Run 5: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 20:23:27 +0000
End at: Thu, 29 Jun 2017 20:23:57 +0000
Local clock offset: 0.694 ms
Remote clock offset: -16.433 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 20.702 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 20.702 ms
Loss rate: 0.17%
```

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

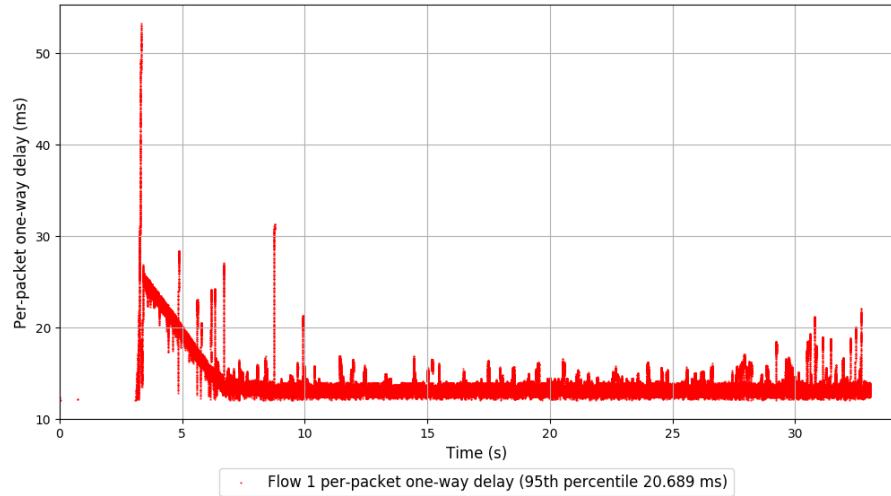
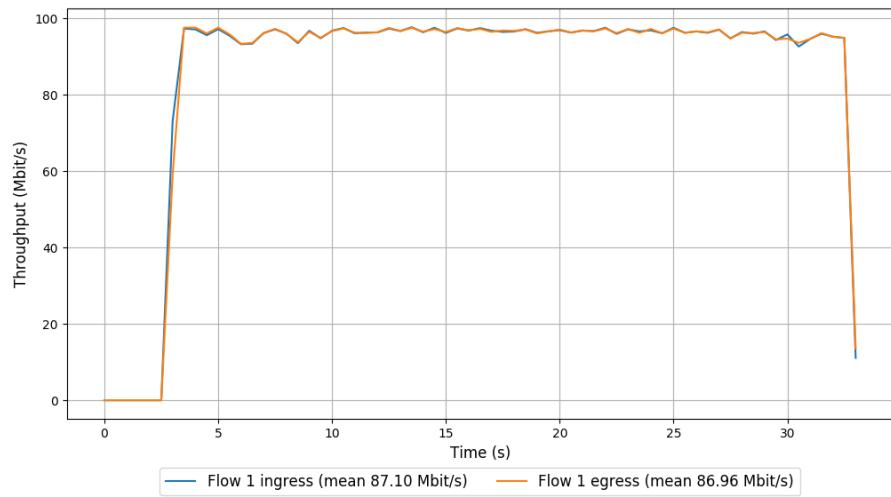


Run 6: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 20:41:34 +0000
End at: Thu, 29 Jun 2017 20:42:04 +0000
Local clock offset: 0.252 ms
Remote clock offset: -17.436 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 20.689 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 20.689 ms
Loss rate: 0.16%
```

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



Run 7: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:59:41 +0000

End at: Thu, 29 Jun 2017 21:00:11 +0000

Local clock offset: 0.408 ms

Remote clock offset: -19.376 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:25 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.45 Mbit/s

95th percentile per-packet one-way delay: 22.484 ms

Loss rate: 0.19%

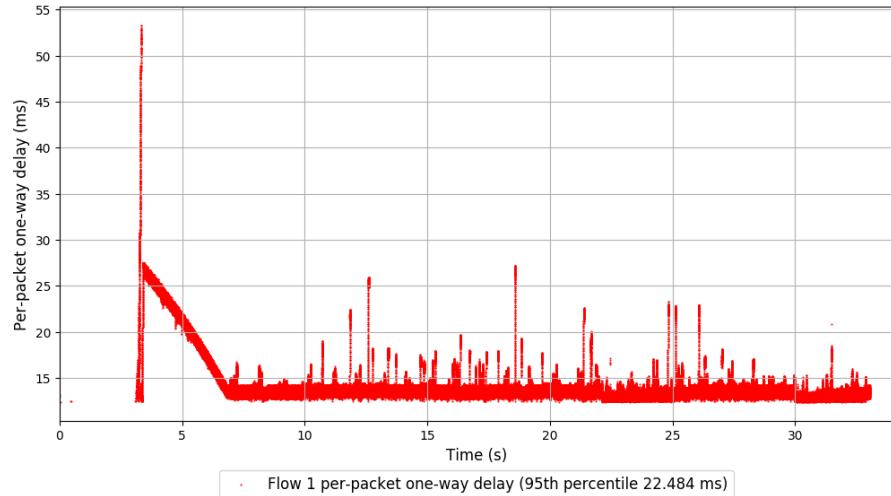
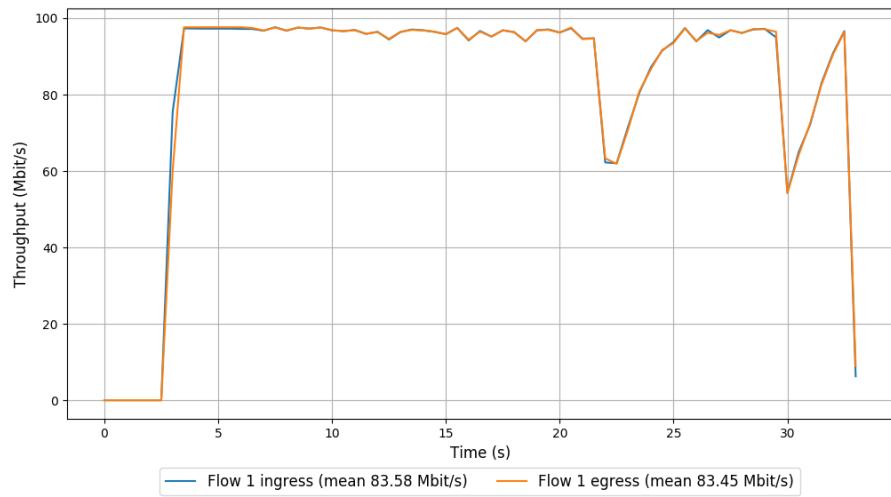
-- Flow 1:

Average throughput: 83.45 Mbit/s

95th percentile per-packet one-way delay: 22.484 ms

Loss rate: 0.19%

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

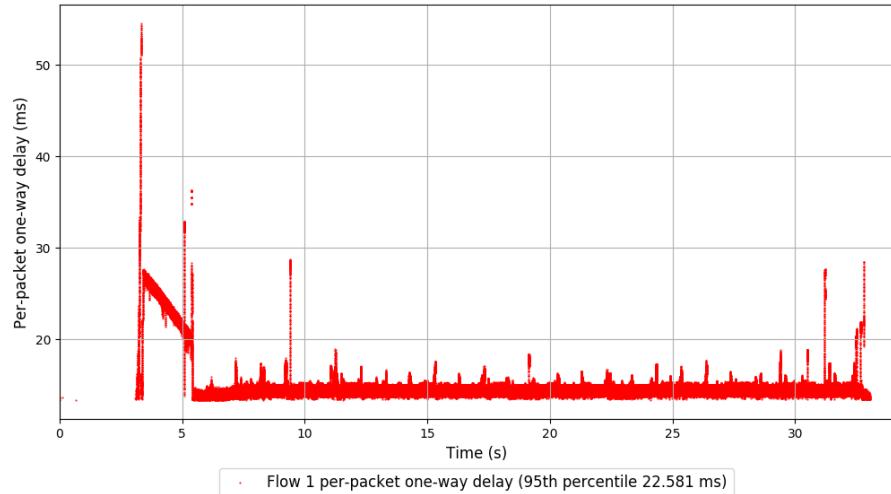
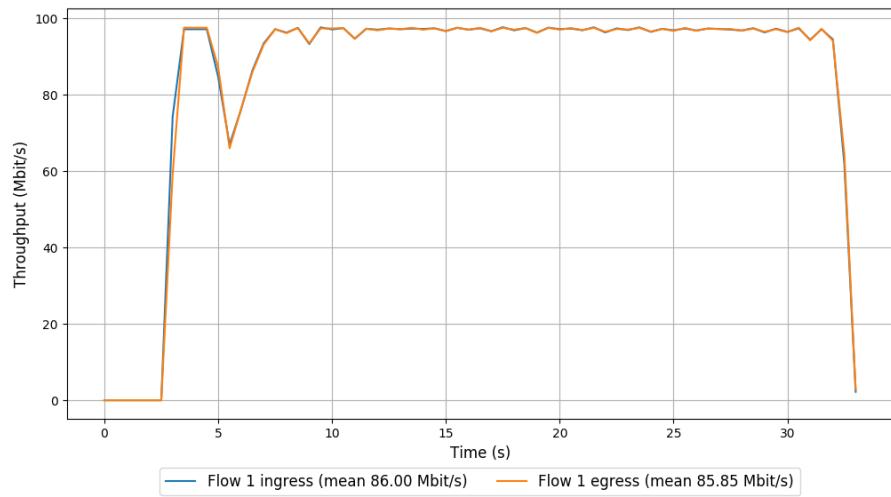


Run 8: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 21:17:31 +0000
End at: Thu, 29 Jun 2017 21:18:01 +0000
Local clock offset: 2.465 ms
Remote clock offset: -19.164 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.85 Mbit/s
95th percentile per-packet one-way delay: 22.581 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 85.85 Mbit/s
95th percentile per-packet one-way delay: 22.581 ms
Loss rate: 0.18%
```

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

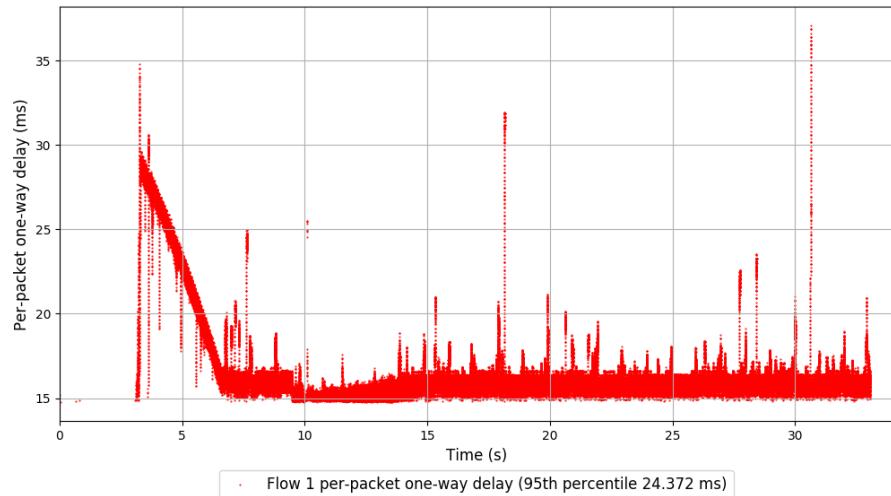
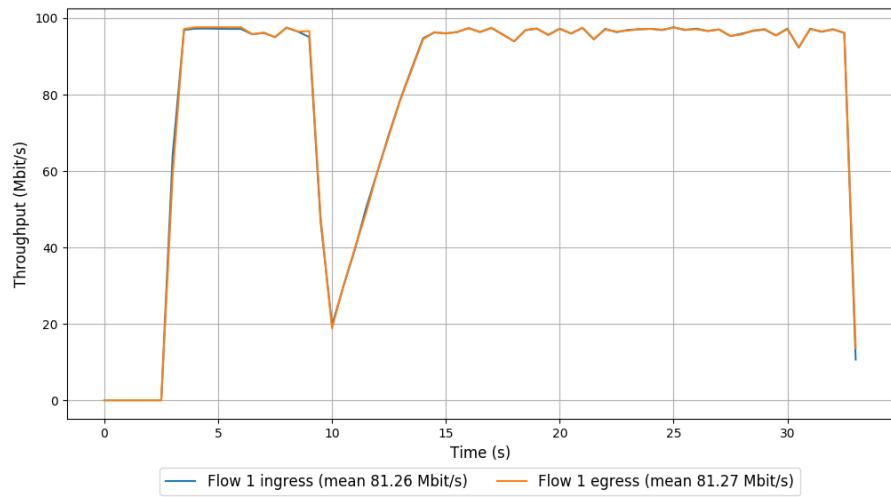


Run 9: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 21:35:59 +0000
End at: Thu, 29 Jun 2017 21:36:29 +0000
Local clock offset: -0.087 ms
Remote clock offset: -20.407 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.27 Mbit/s
95th percentile per-packet one-way delay: 24.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.27 Mbit/s
95th percentile per-packet one-way delay: 24.372 ms
Loss rate: 0.00%
```

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

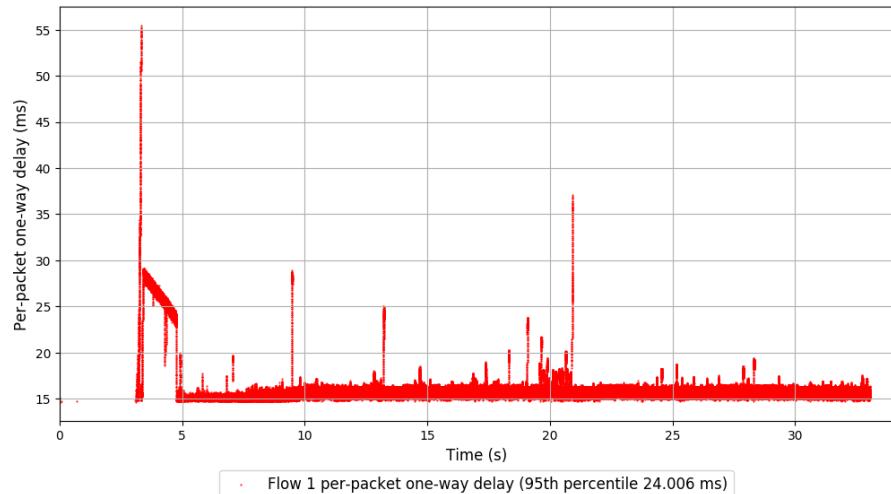
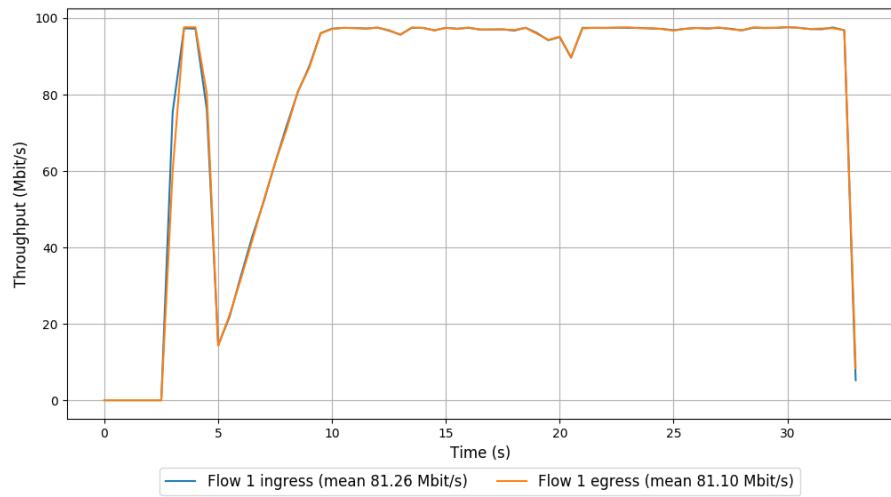


Run 10: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 21:53:59 +0000
End at: Thu, 29 Jun 2017 21:54:29 +0000
Local clock offset: -0.305 ms
Remote clock offset: -21.621 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.10 Mbit/s
95th percentile per-packet one-way delay: 24.006 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 81.10 Mbit/s
95th percentile per-packet one-way delay: 24.006 ms
Loss rate: 0.19%
```

Run 10: Report of TCP Vegas — Data Link

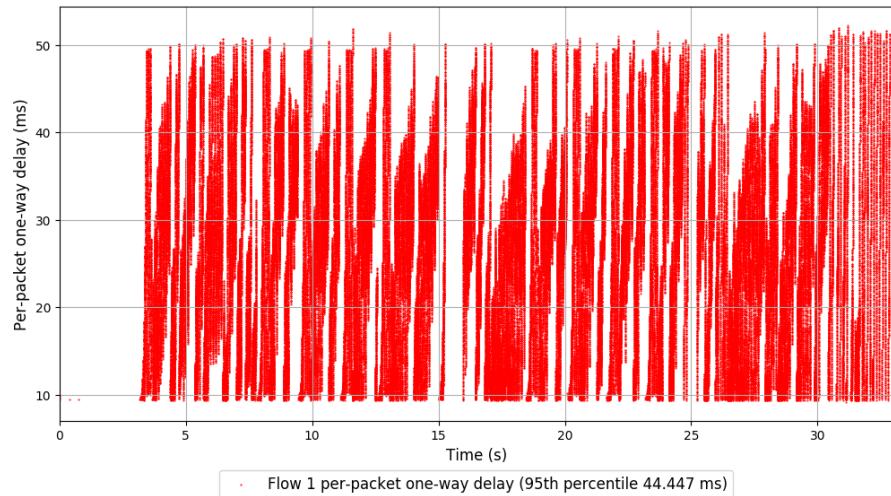
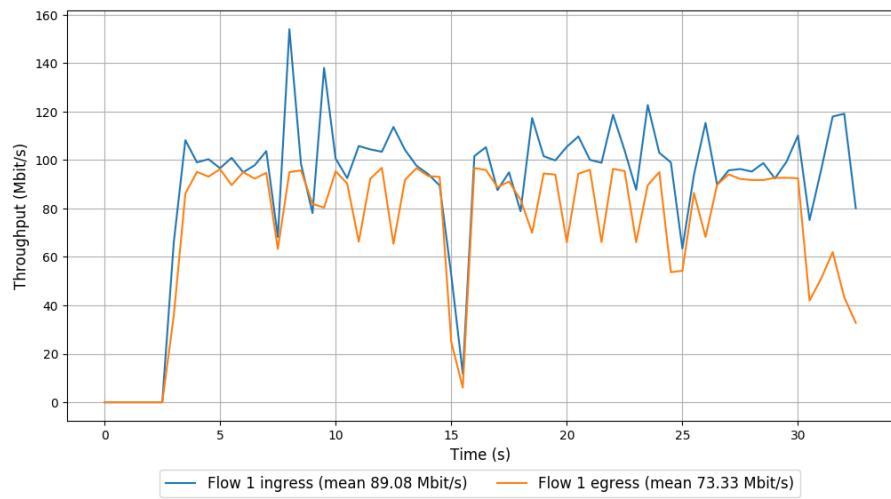


Run 1: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:09:21 +0000
End at: Thu, 29 Jun 2017 19:09:51 +0000
Local clock offset: 1.717 ms
Remote clock offset: -15.354 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 44.447 ms
Loss rate: 17.64%
-- Flow 1:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 44.447 ms
Loss rate: 17.64%
```

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

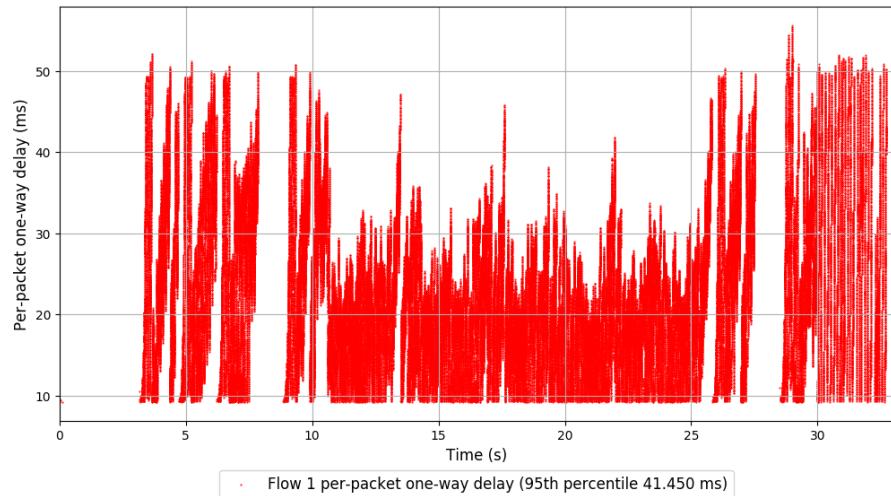
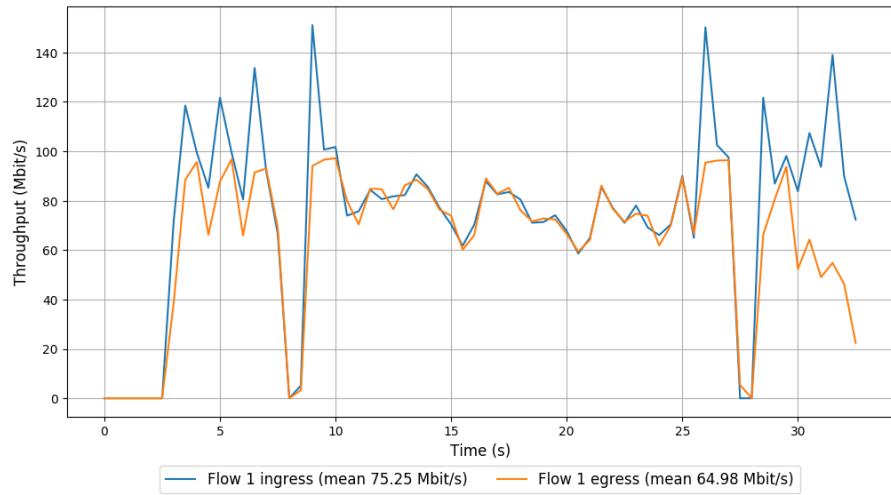


Run 2: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:27:28 +0000
End at: Thu, 29 Jun 2017 19:27:59 +0000
Local clock offset: 2.315 ms
Remote clock offset: -17.373 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.98 Mbit/s
95th percentile per-packet one-way delay: 41.450 ms
Loss rate: 13.61%
-- Flow 1:
Average throughput: 64.98 Mbit/s
95th percentile per-packet one-way delay: 41.450 ms
Loss rate: 13.61%
```

## Run 2: Report of Verus — Data Link

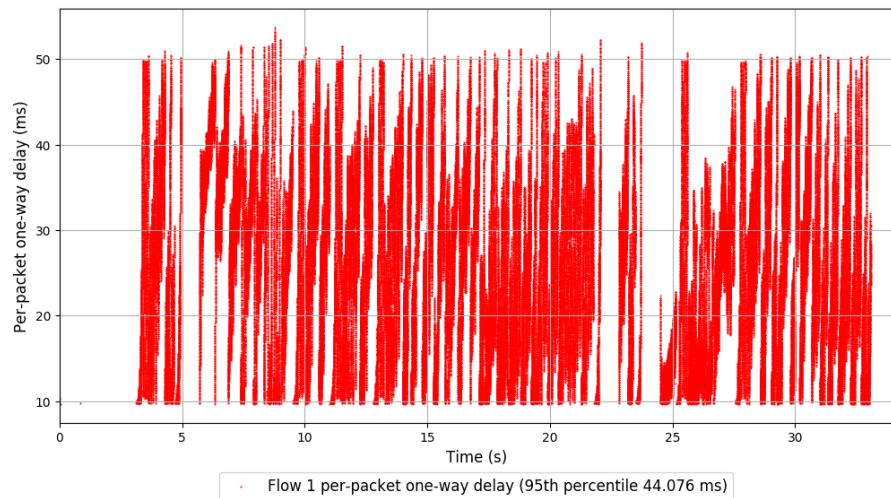
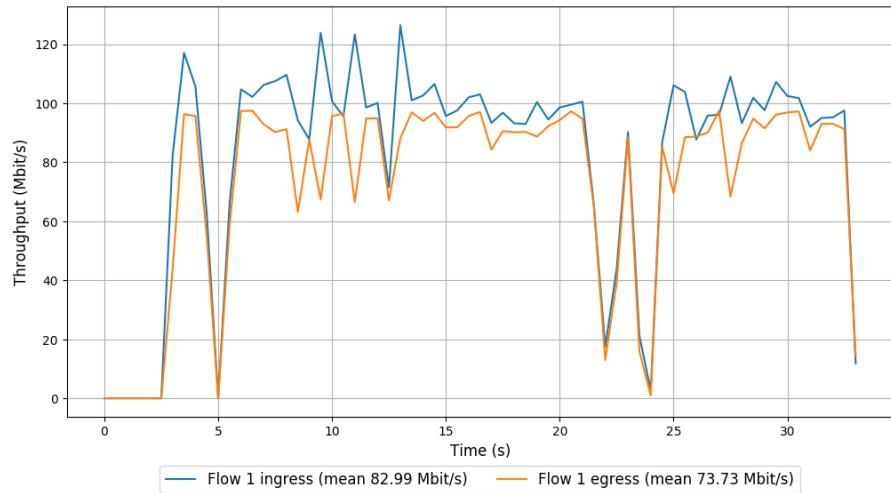


Run 3: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:45:41 +0000
End at: Thu, 29 Jun 2017 19:46:11 +0000
Local clock offset: 1.452 ms
Remote clock offset: -16.113 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:49:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.73 Mbit/s
95th percentile per-packet one-way delay: 44.076 ms
Loss rate: 11.12%
-- Flow 1:
Average throughput: 73.73 Mbit/s
95th percentile per-packet one-way delay: 44.076 ms
Loss rate: 11.12%
```

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

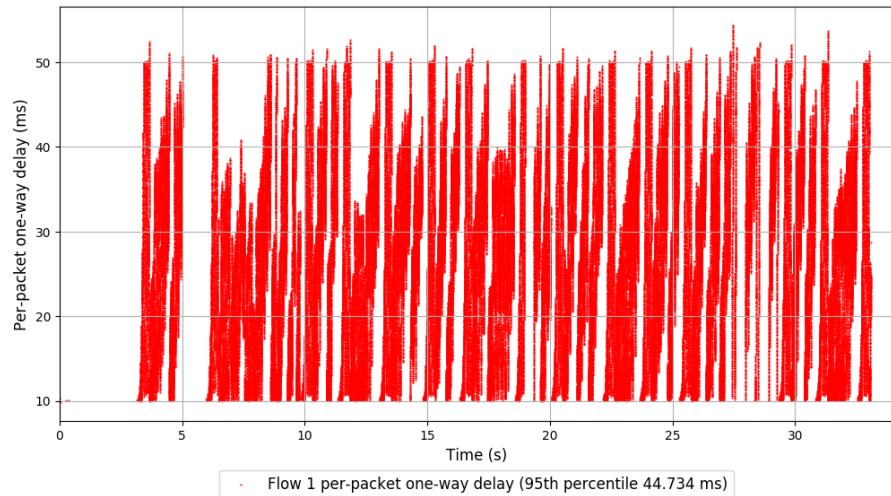
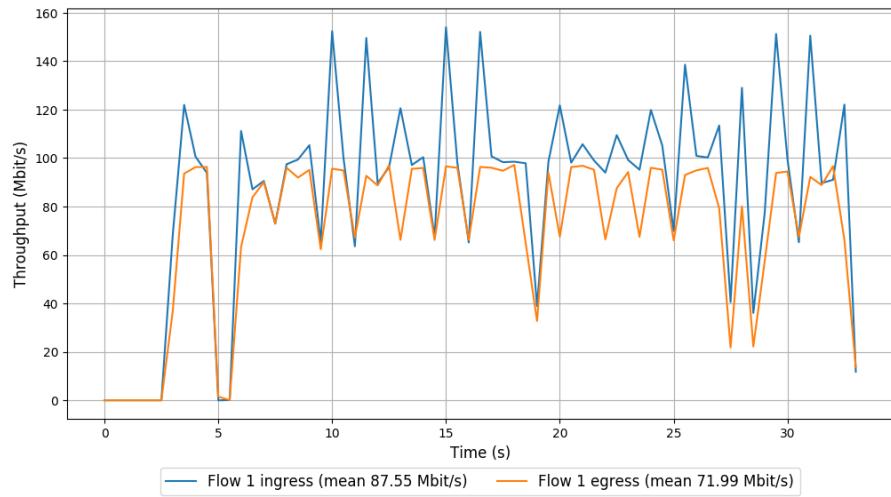


Run 4: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:03:58 +0000
End at: Thu, 29 Jun 2017 20:04:28 +0000
Local clock offset: 0.567 ms
Remote clock offset: -17.451 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.99 Mbit/s
95th percentile per-packet one-way delay: 44.734 ms
Loss rate: 17.73%
-- Flow 1:
Average throughput: 71.99 Mbit/s
95th percentile per-packet one-way delay: 44.734 ms
Loss rate: 17.73%
```

## Run 4: Report of Verus — Data Link

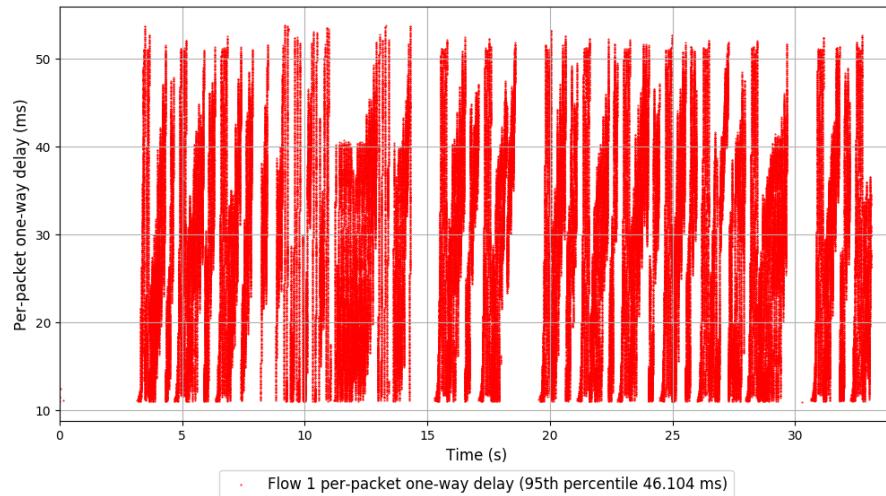
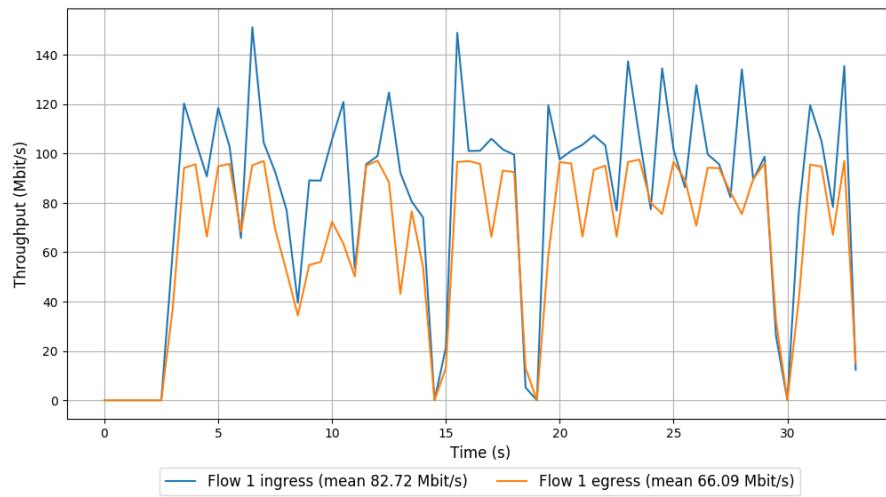


Run 5: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:22:15 +0000
End at: Thu, 29 Jun 2017 20:22:45 +0000
Local clock offset: 0.013 ms
Remote clock offset: -15.934 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.09 Mbit/s
95th percentile per-packet one-way delay: 46.104 ms
Loss rate: 20.06%
-- Flow 1:
Average throughput: 66.09 Mbit/s
95th percentile per-packet one-way delay: 46.104 ms
Loss rate: 20.06%
```

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

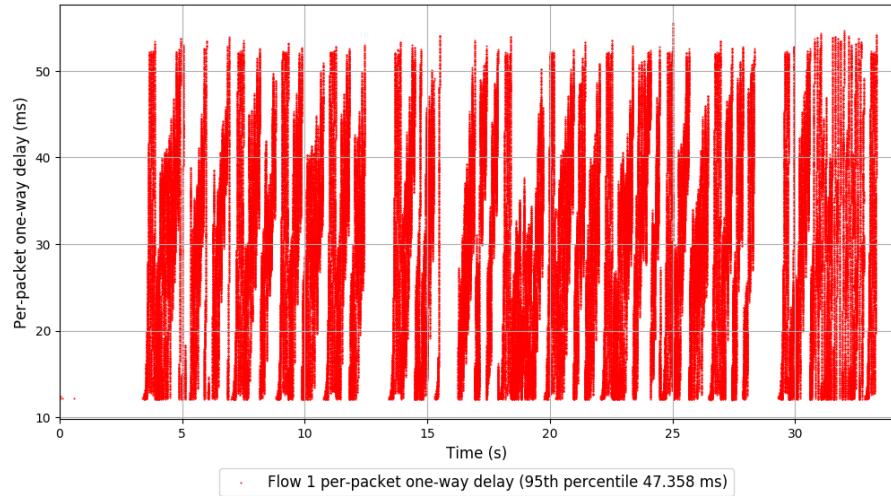
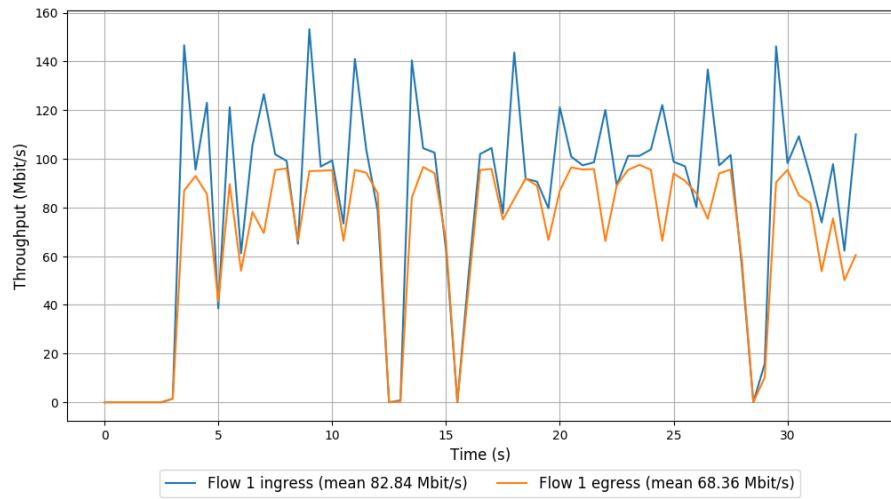


Run 6: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:40:13 +0000
End at: Thu, 29 Jun 2017 20:40:43 +0000
Local clock offset: 0.225 ms
Remote clock offset: -19.045 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.36 Mbit/s
95th percentile per-packet one-way delay: 47.358 ms
Loss rate: 17.44%
-- Flow 1:
Average throughput: 68.36 Mbit/s
95th percentile per-packet one-way delay: 47.358 ms
Loss rate: 17.44%
```

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

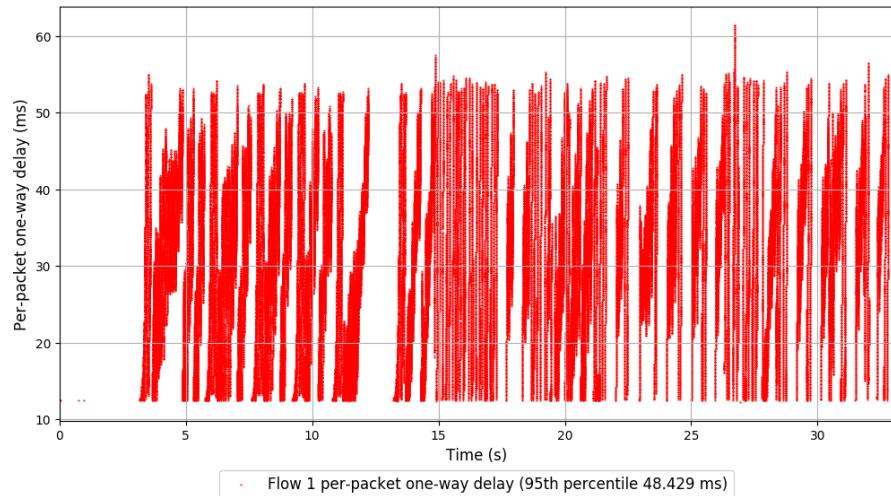
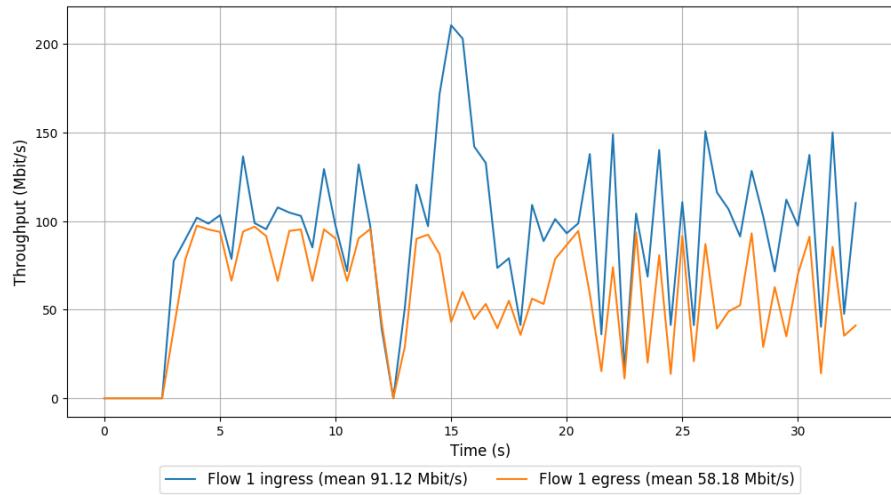


Run 7: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:58:24 +0000
End at: Thu, 29 Jun 2017 20:58:54 +0000
Local clock offset: 2.111 ms
Remote clock offset: -19.163 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 48.429 ms
Loss rate: 36.11%
-- Flow 1:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 48.429 ms
Loss rate: 36.11%
```

## Run 7: Report of Verus — Data Link

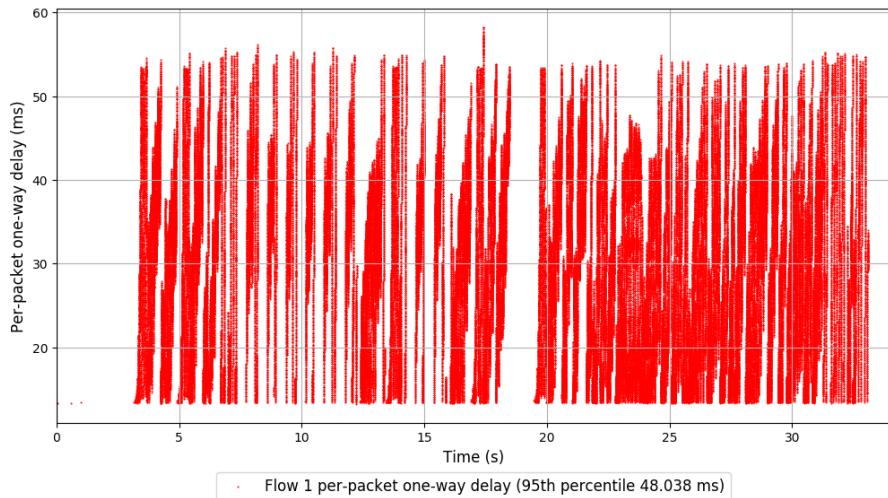
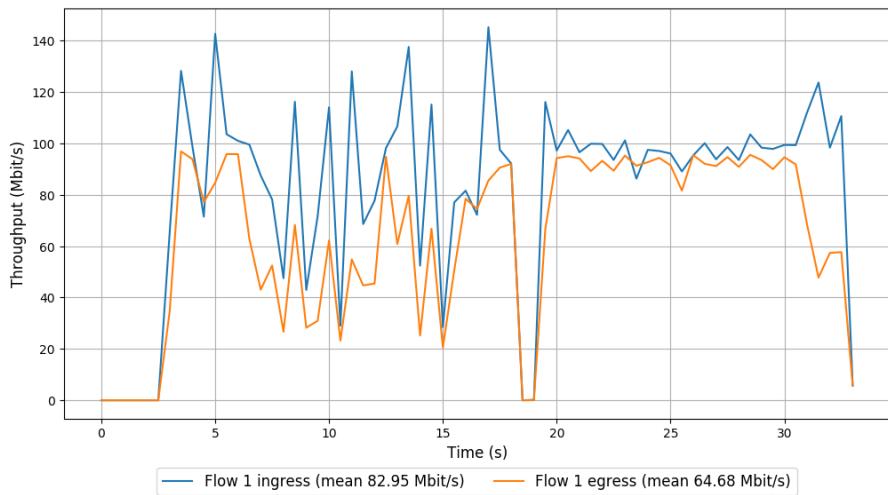


Run 8: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:16:19 +0000
End at: Thu, 29 Jun 2017 21:16:49 +0000
Local clock offset: 1.222 ms
Remote clock offset: -19.031 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.68 Mbit/s
95th percentile per-packet one-way delay: 48.038 ms
Loss rate: 21.99%
-- Flow 1:
Average throughput: 64.68 Mbit/s
95th percentile per-packet one-way delay: 48.038 ms
Loss rate: 21.99%
```

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

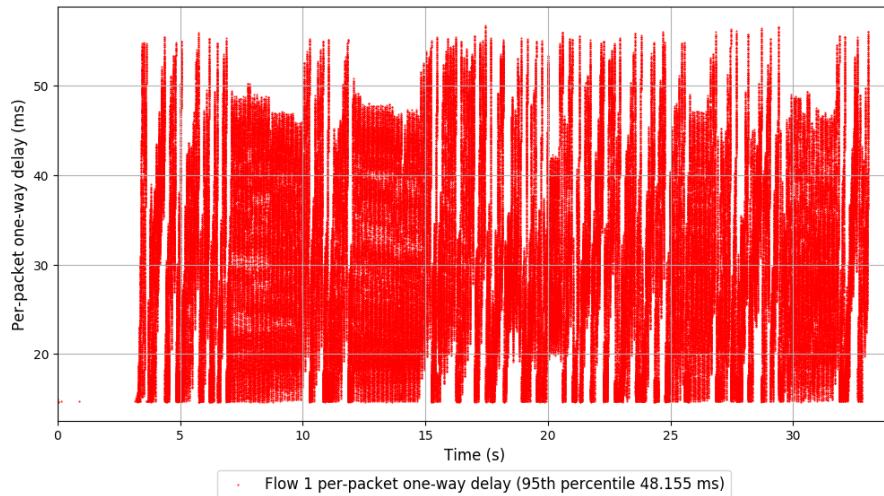
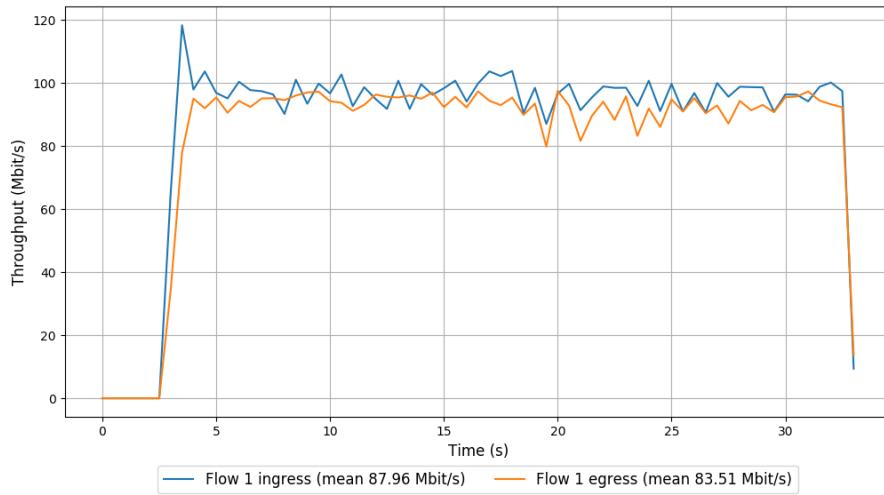


Run 9: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:34:37 +0000
End at: Thu, 29 Jun 2017 21:35:07 +0000
Local clock offset: 3.021 ms
Remote clock offset: -20.755 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.51 Mbit/s
95th percentile per-packet one-way delay: 48.155 ms
Loss rate: 5.04%
-- Flow 1:
Average throughput: 83.51 Mbit/s
95th percentile per-packet one-way delay: 48.155 ms
Loss rate: 5.04%
```

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

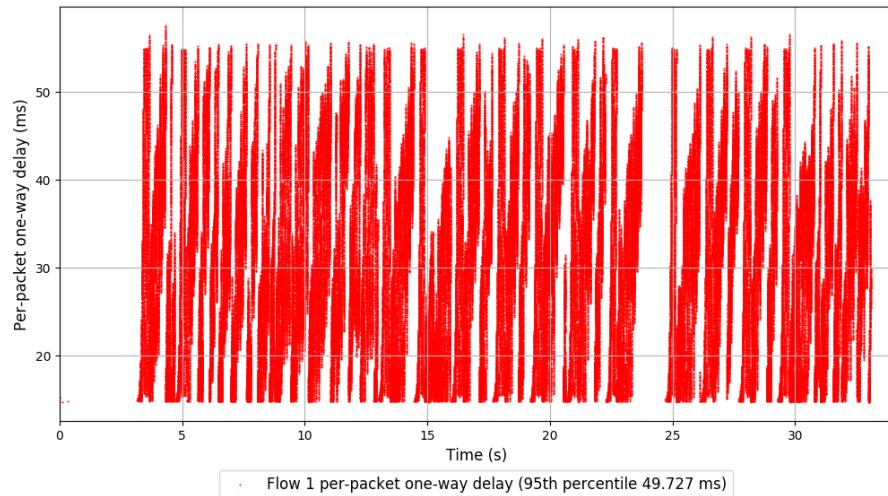
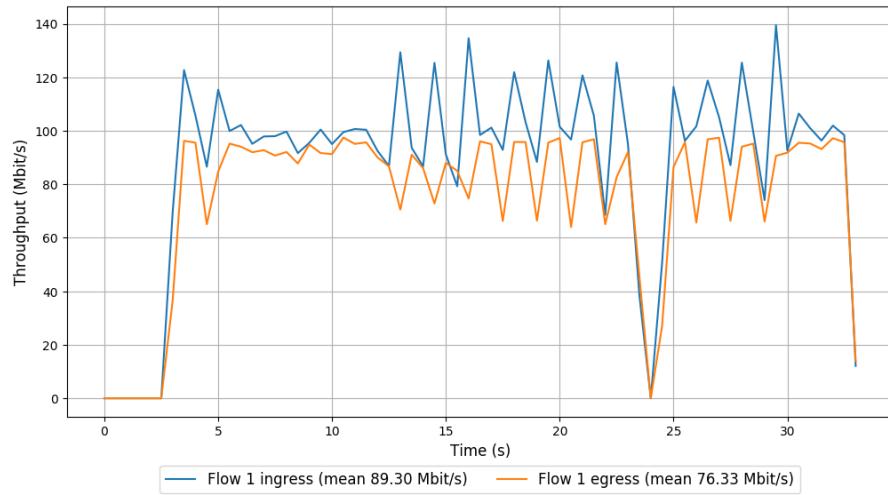


Run 10: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:52:42 +0000
End at: Thu, 29 Jun 2017 21:53:12 +0000
Local clock offset: 1.696 ms
Remote clock offset: -21.116 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.33 Mbit/s
95th percentile per-packet one-way delay: 49.727 ms
Loss rate: 14.49%
-- Flow 1:
Average throughput: 76.33 Mbit/s
95th percentile per-packet one-way delay: 49.727 ms
Loss rate: 14.49%
```

## Run 10: Report of Verus — Data Link

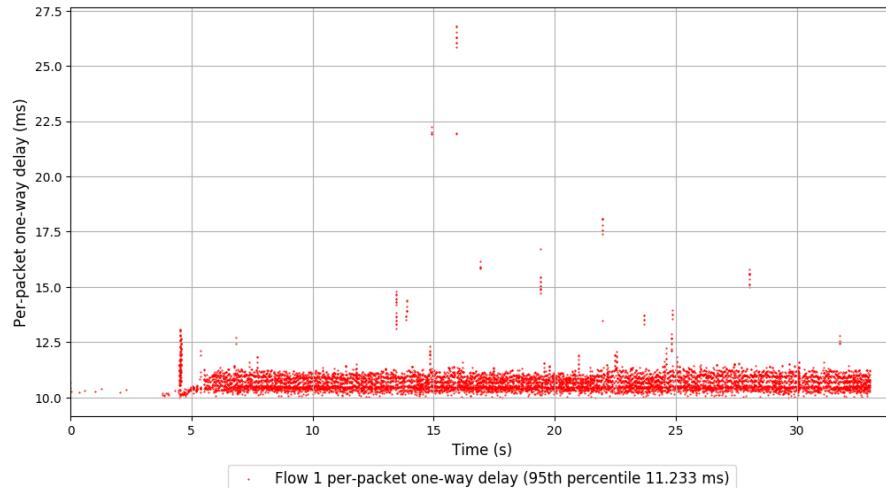
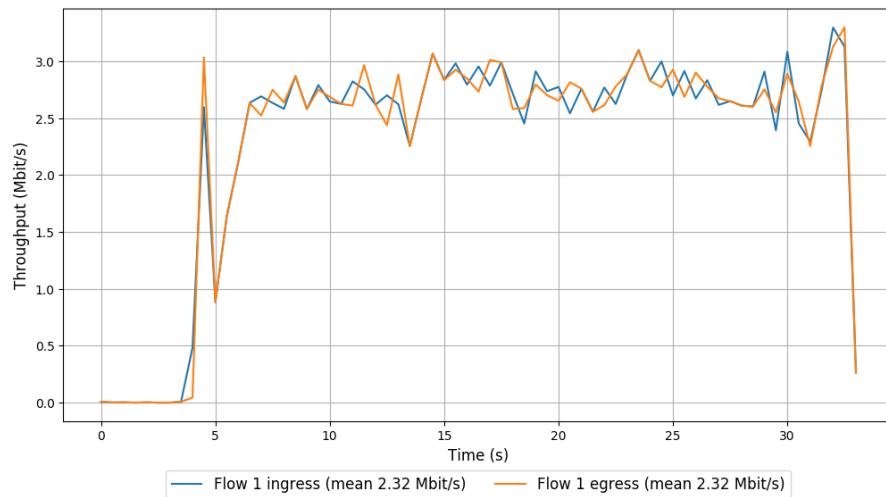


```
Run 1: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 18:59:39 +0000
End at: Thu, 29 Jun 2017 19:00:09 +0000
Local clock offset: 1.187 ms
Remote clock offset: -16.185 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 11.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 11.233 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

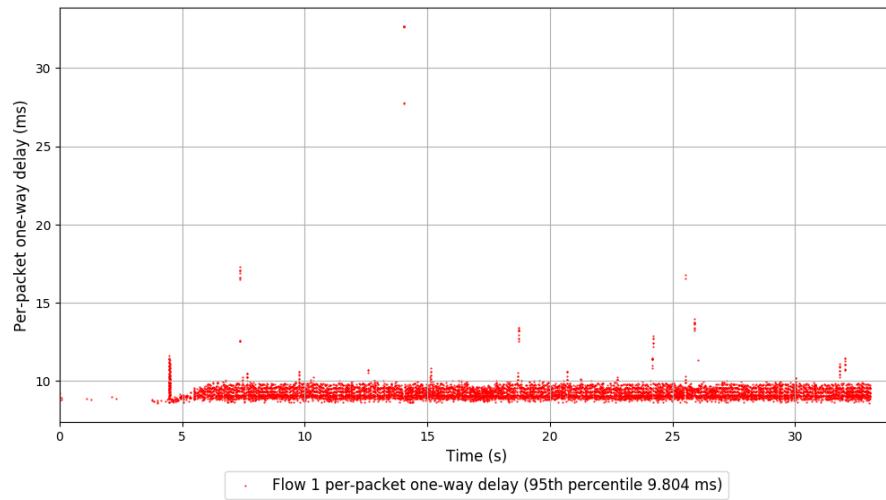
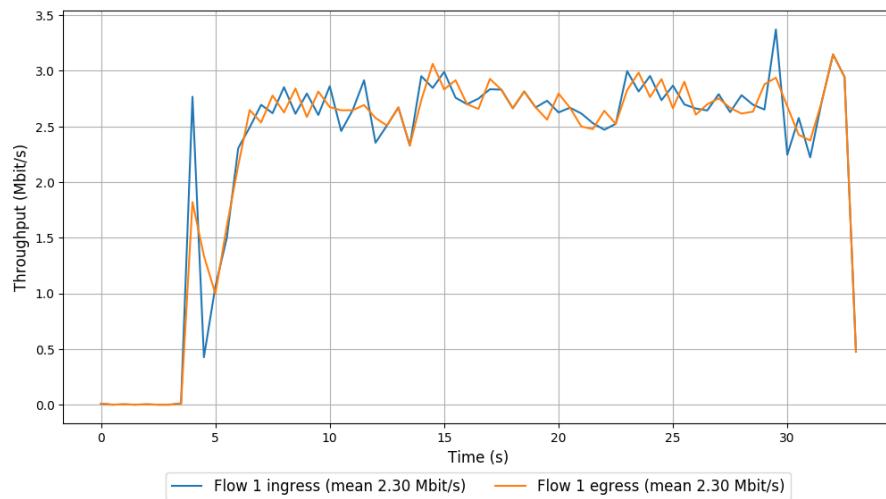


Run 2: Statistics of WebRTC media

```
Start at: Thu, 29 Jun 2017 19:18:05 +0000
End at: Thu, 29 Jun 2017 19:18:35 +0000
Local clock offset: -1.185 ms
Remote clock offset: -16.076 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 9.804 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 9.804 ms
Loss rate: 0.00%
```

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

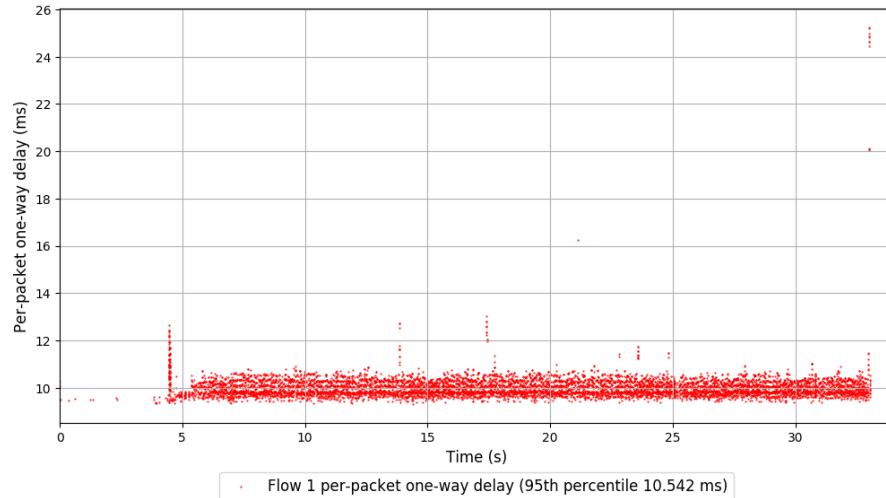
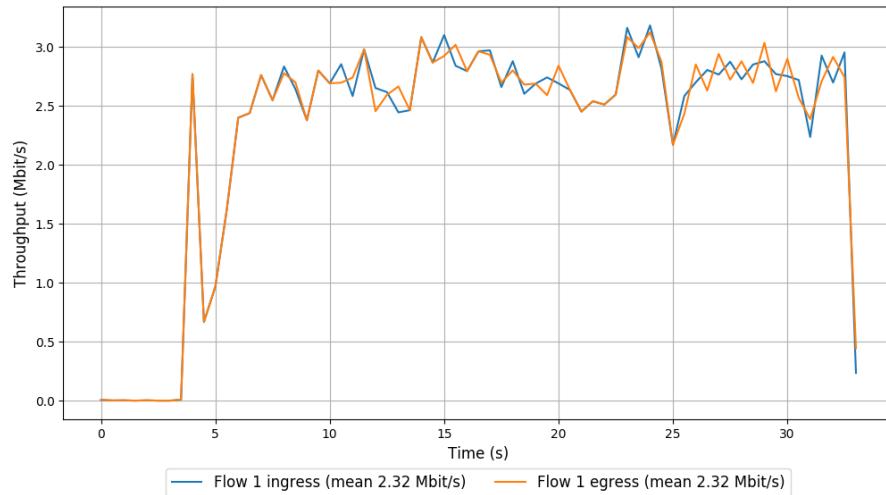


```
Run 3: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:36:10 +0000
End at: Thu, 29 Jun 2017 19:36:40 +0000
Local clock offset: 0.886 ms
Remote clock offset: -16.377 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 10.542 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 10.542 ms
Loss rate: 0.00%
```

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

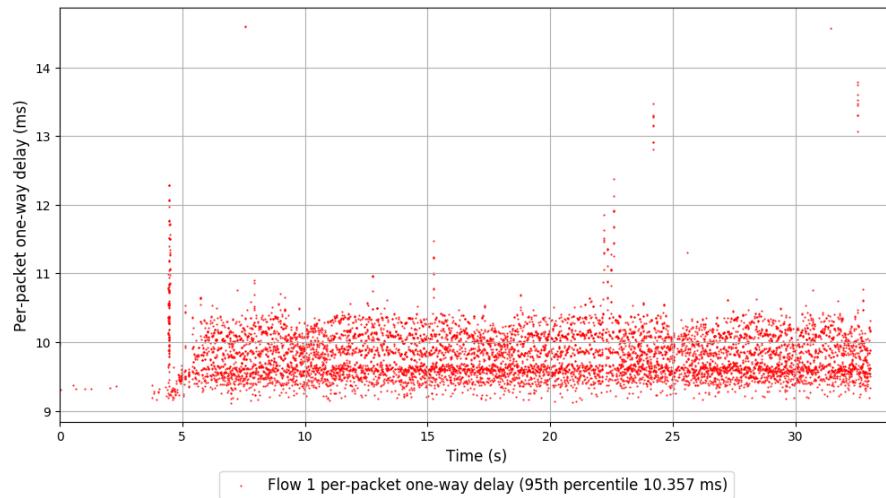
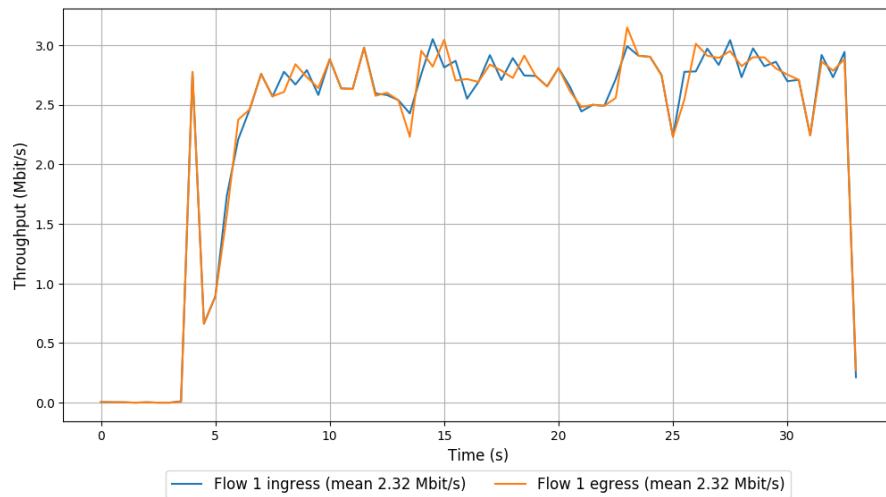


Run 4: Statistics of WebRTC media

```
Start at: Thu, 29 Jun 2017 19:54:24 +0000
End at: Thu, 29 Jun 2017 19:54:54 +0000
Local clock offset: 1.792 ms
Remote clock offset: -14.876 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 10.357 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 10.357 ms
Loss rate: 0.00%
```

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

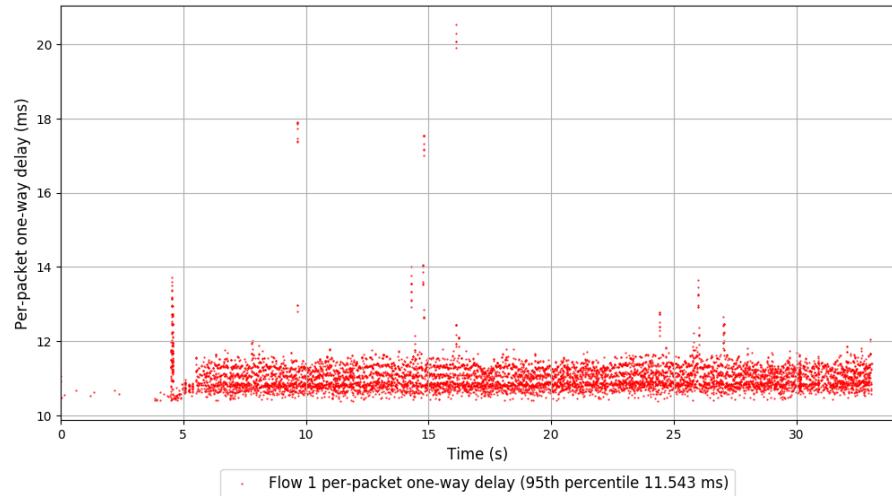
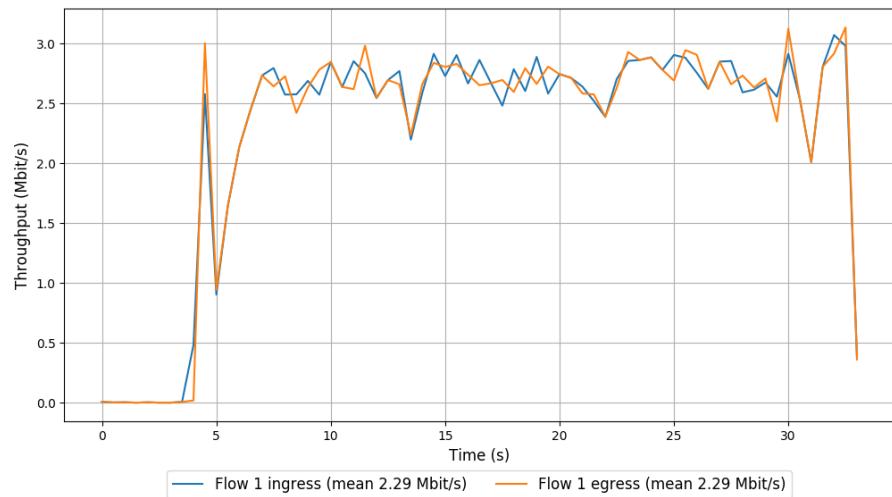


```
Run 5: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:12:48 +0000
End at: Thu, 29 Jun 2017 20:13:18 +0000
Local clock offset: 2.393 ms
Remote clock offset: -16.643 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 11.543 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 11.543 ms
Loss rate: 0.01%
```

Run 5: Report of WebRTC media — Data Link

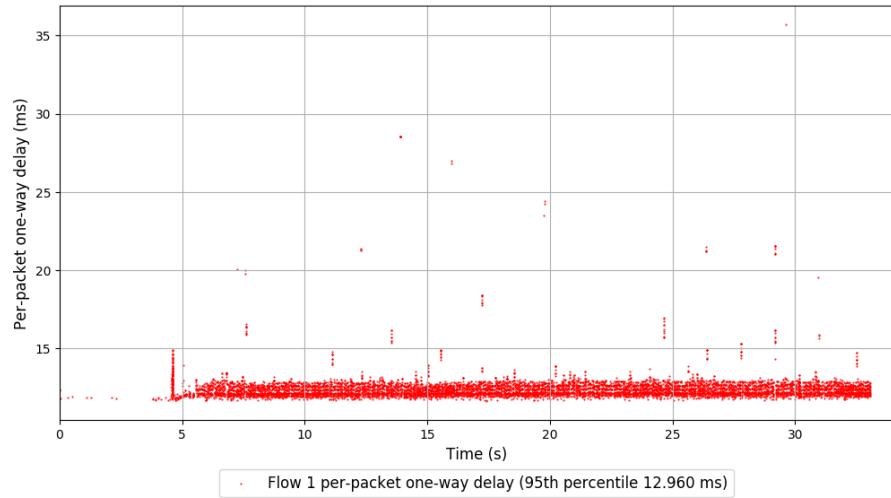
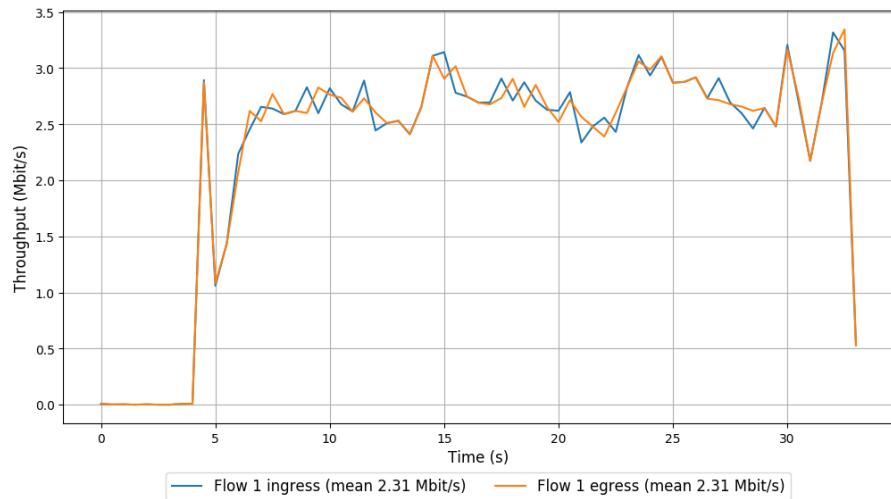


```
Run 6: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:30:49 +0000
End at: Thu, 29 Jun 2017 20:31:19 +0000
Local clock offset: -0.533 ms
Remote clock offset: -18.27 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 12.960 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 12.960 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:49:13 +0000

End at: Thu, 29 Jun 2017 20:49:43 +0000

Local clock offset: -0.241 ms

Remote clock offset: -15.806 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 13.358 ms

Loss rate: 0.00%

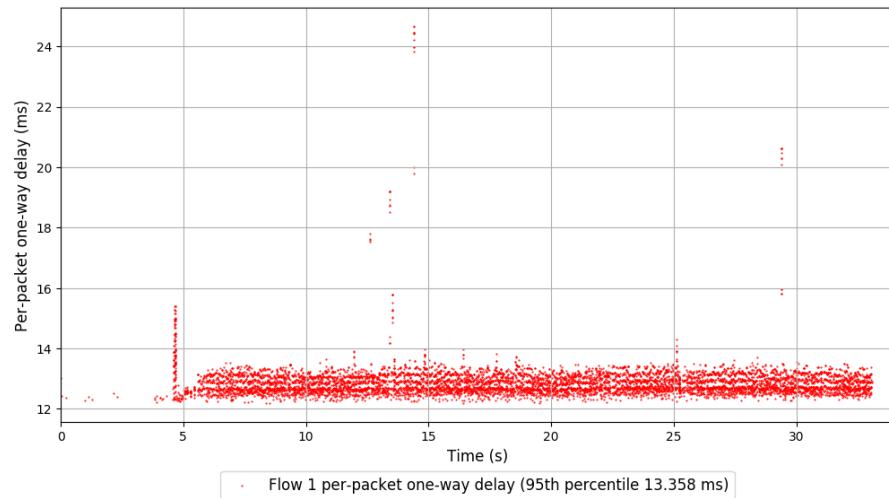
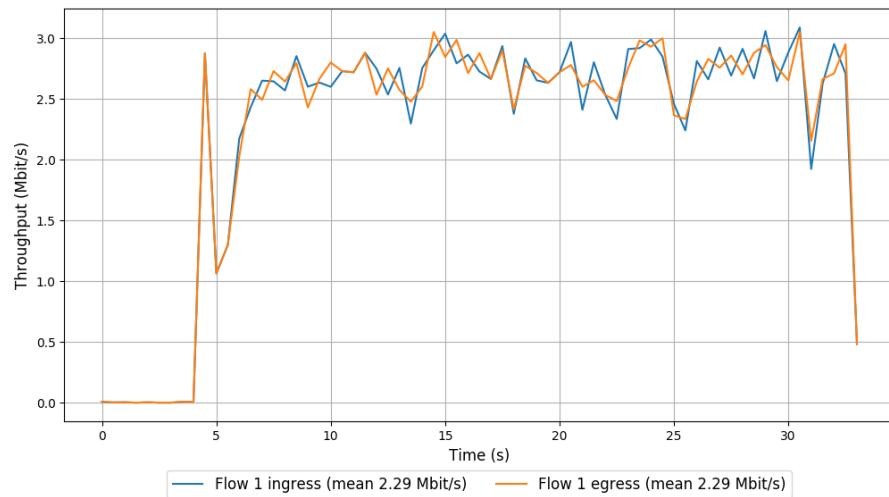
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 13.358 ms

Loss rate: 0.00%

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

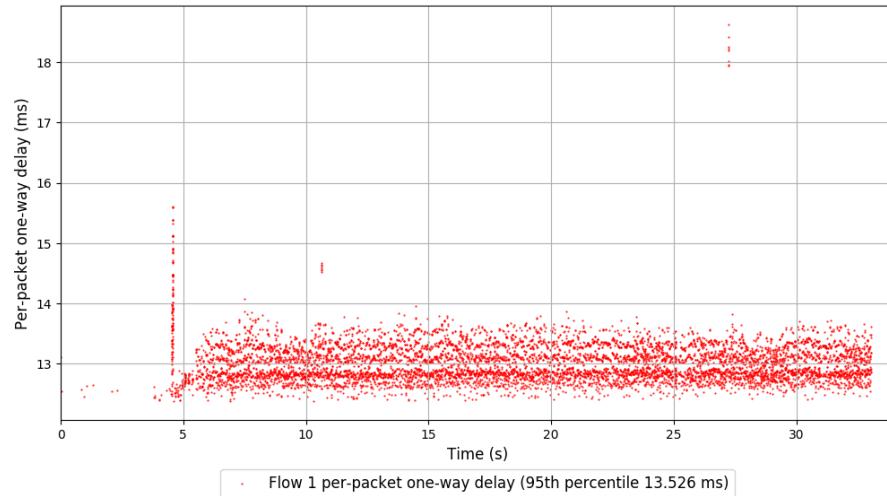
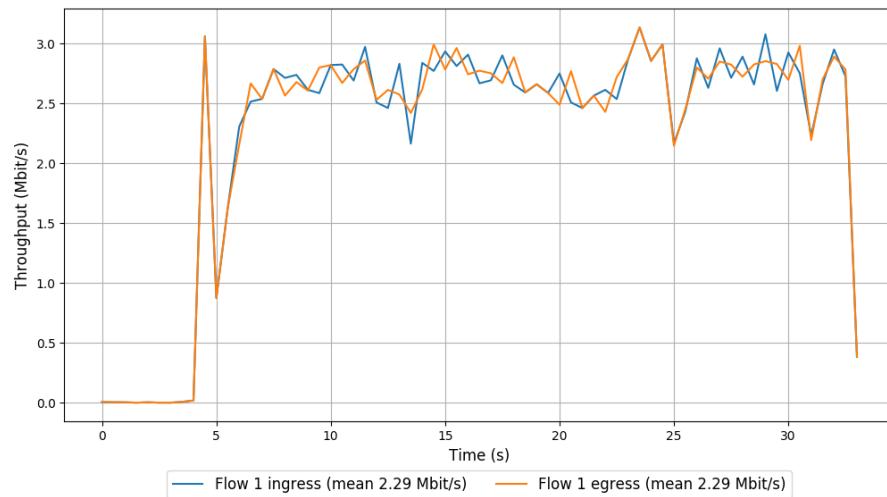


```
Run 8: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:07:03 +0000
End at: Thu, 29 Jun 2017 21:07:33 +0000
Local clock offset: 0.701 ms
Remote clock offset: -18.238 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 13.526 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 13.526 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

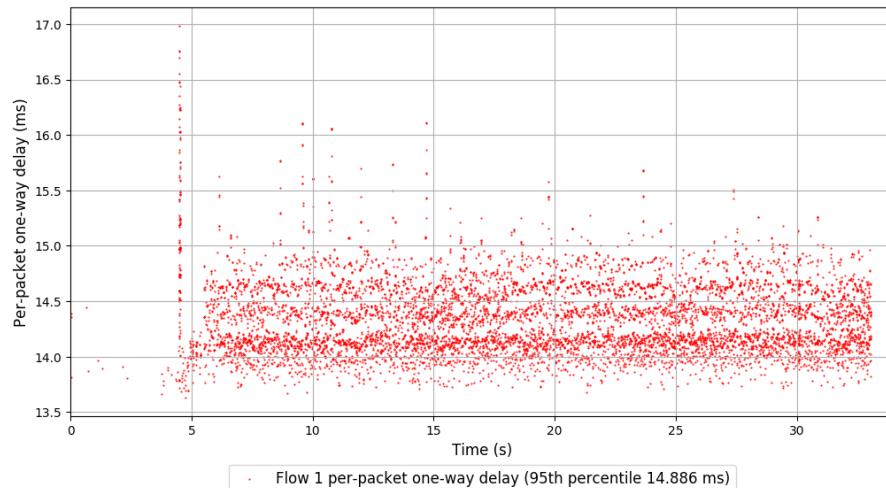
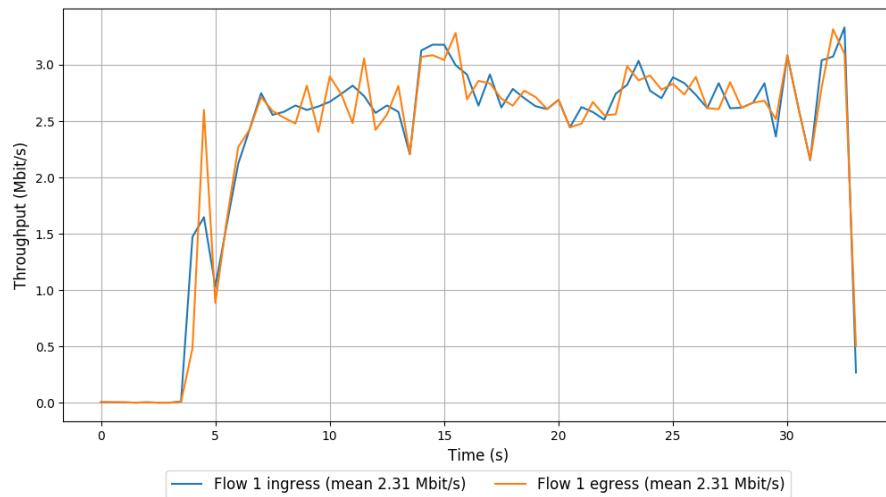


```
Run 9: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:24:58 +0000
End at: Thu, 29 Jun 2017 21:25:28 +0000
Local clock offset: 2.248 ms
Remote clock offset: -21.052 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 14.886 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 14.886 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:43:13 +0000
End at: Thu, 29 Jun 2017 21:43:43 +0000
Local clock offset: 0.197 ms
Remote clock offset: -21.486 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:50:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 16.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 16.193 ms
Loss rate: 0.00%
```

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

