

**Pantheon Summary** (Generated at Tue, 04 Jul 2017 10:12:40 +0000 with  
pantheon version 55ce618ef3153403f57ca06ffe894ed6887bd36f)

Repeated the test of 15 congestion control schemes 10 times.

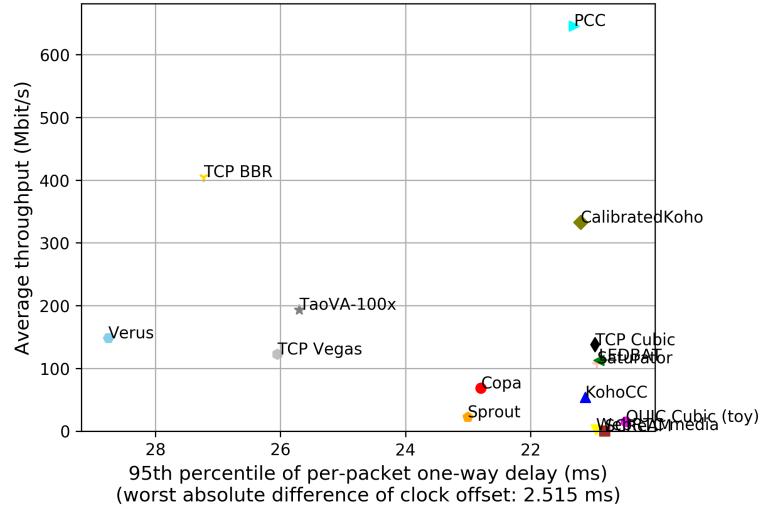
Each test lasted for 30 seconds running 1 flow.

Data path **from** AWS California 1 Ethernet **to** Stanford Ethernet.

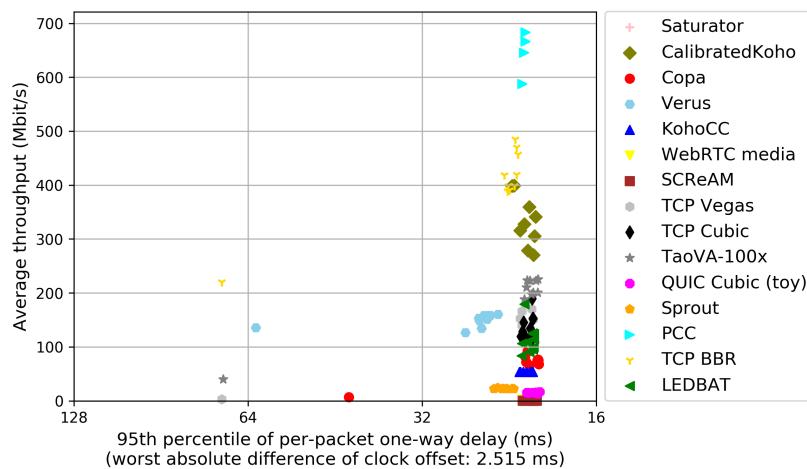
NTP offset measured against time.stanford.edu.

```
git branch: master @ 55ce618ef3153403f57ca06ffe894ed6887bd36f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

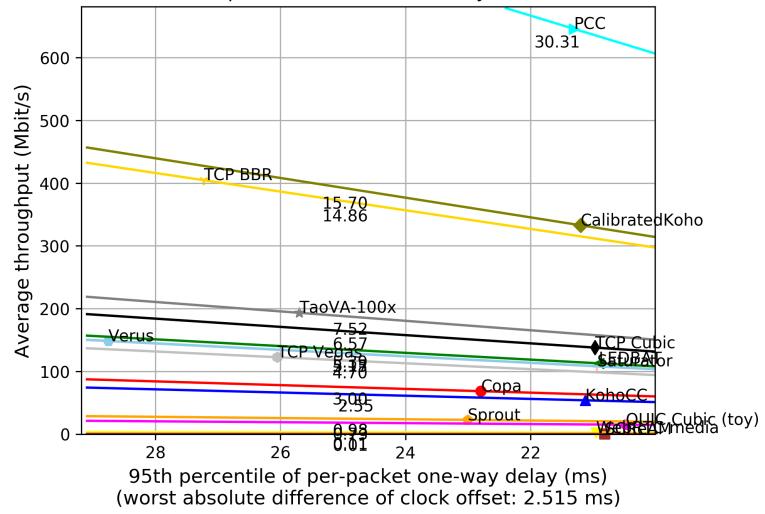
test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



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

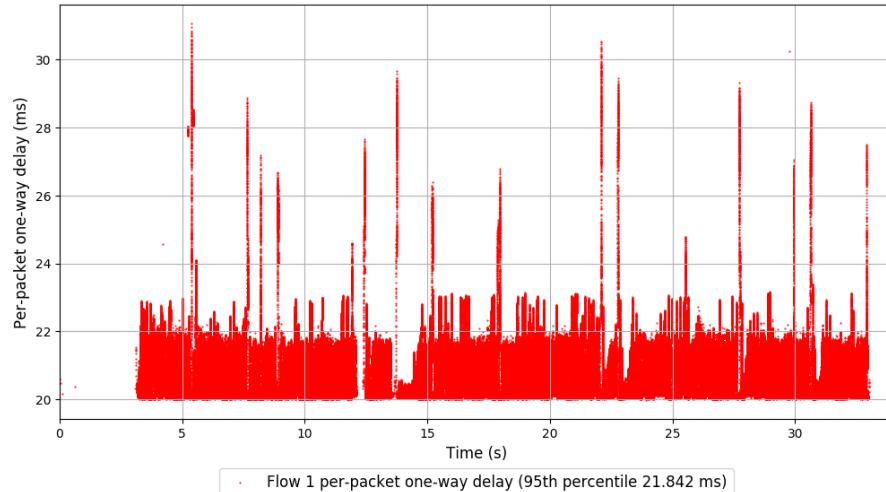
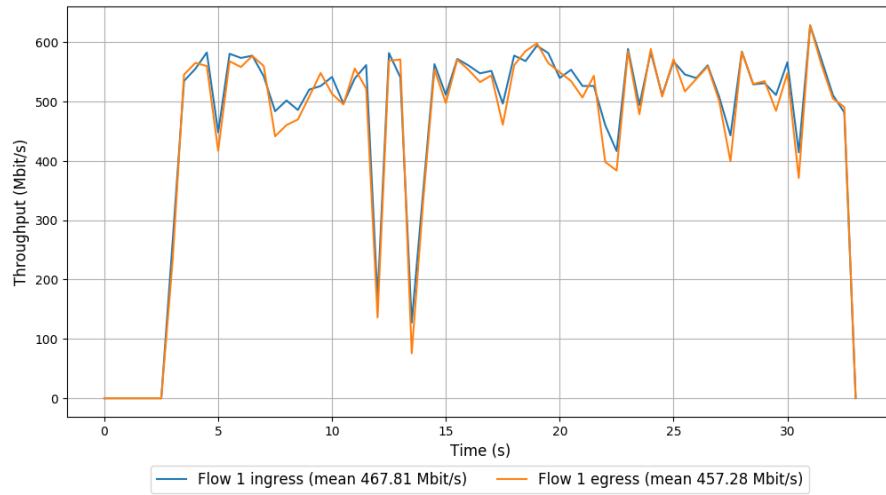


Run 1: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 01:46:11 +0000
End at: Tue, 04 Jul 2017 01:46:41 +0000
Local clock offset: -0.896 ms
Remote clock offset: -2.311 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:46:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 457.28 Mbit/s
95th percentile per-packet one-way delay: 21.842 ms
Loss rate: 2.25%
-- Flow 1:
Average throughput: 457.28 Mbit/s
95th percentile per-packet one-way delay: 21.842 ms
Loss rate: 2.25%
```

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

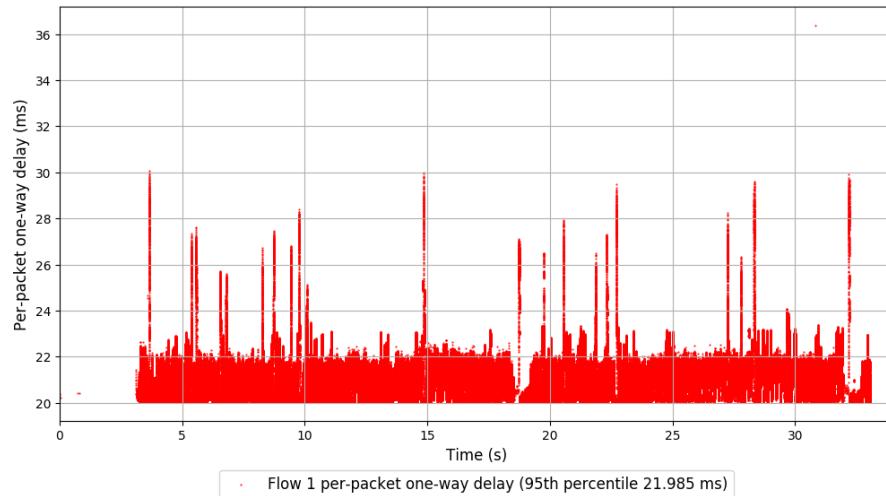
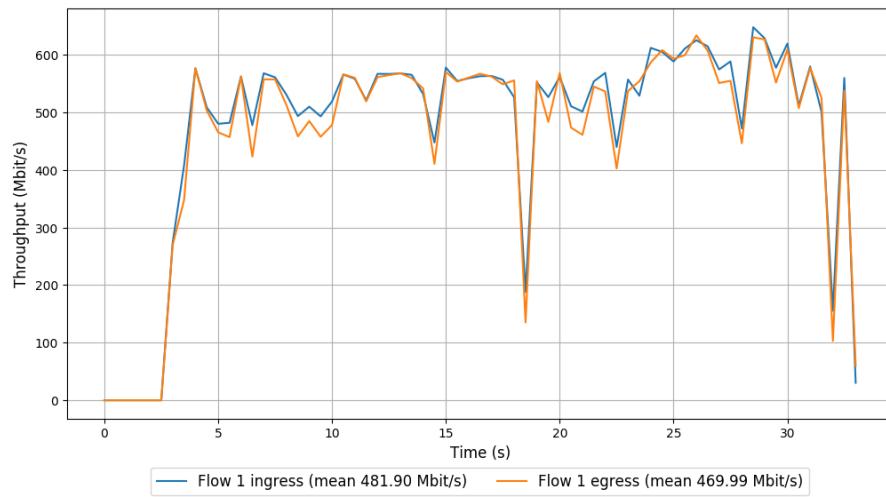


Run 2: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 02:06:02 +0000
End at: Tue, 04 Jul 2017 02:06:32 +0000
Local clock offset: -0.898 ms
Remote clock offset: -2.255 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:46:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 469.99 Mbit/s
95th percentile per-packet one-way delay: 21.985 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 469.99 Mbit/s
95th percentile per-packet one-way delay: 21.985 ms
Loss rate: 2.47%
```

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

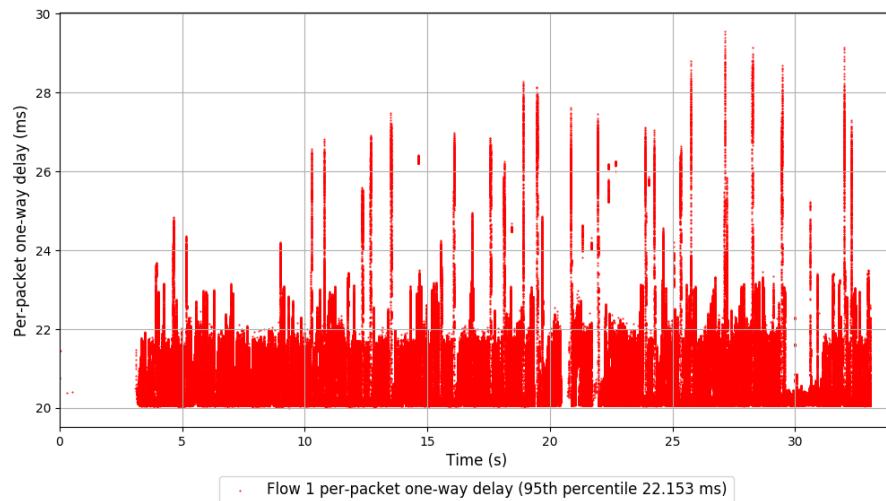
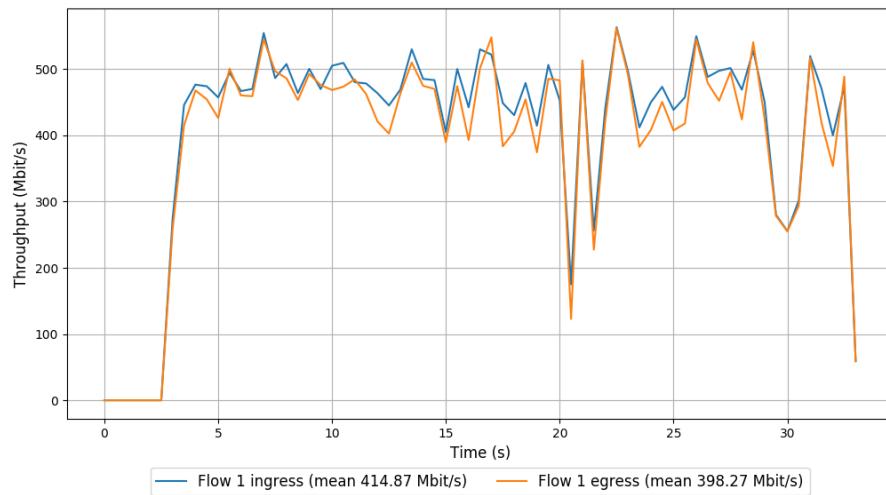


Run 3: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 02:25:27 +0000
End at: Tue, 04 Jul 2017 02:25:57 +0000
Local clock offset: -0.986 ms
Remote clock offset: -2.447 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:47:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 398.27 Mbit/s
95th percentile per-packet one-way delay: 22.153 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 398.27 Mbit/s
95th percentile per-packet one-way delay: 22.153 ms
Loss rate: 4.00%
```

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

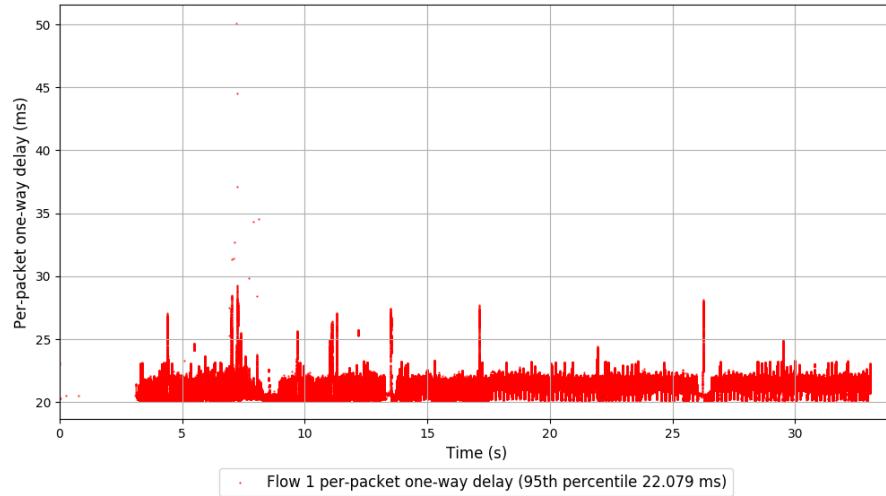
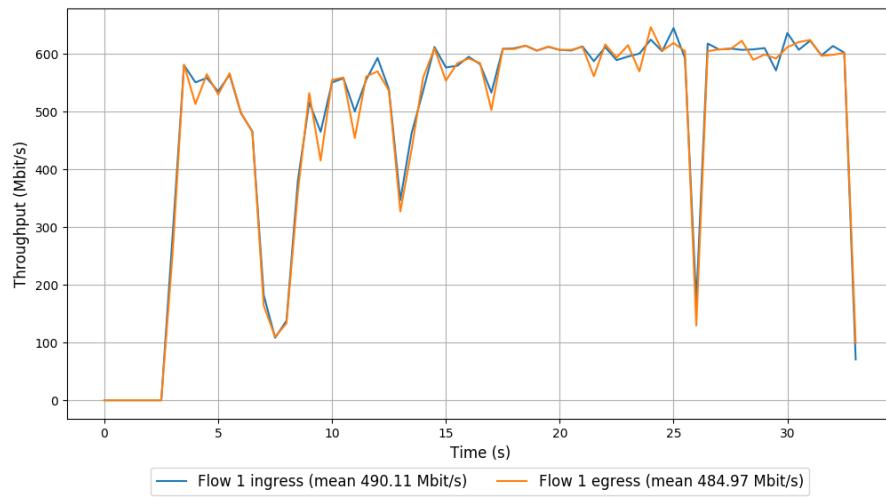


Run 4: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 02:44:57 +0000
End at: Tue, 04 Jul 2017 02:45:27 +0000
Local clock offset: -1.036 ms
Remote clock offset: -2.471 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:47:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 484.97 Mbit/s
95th percentile per-packet one-way delay: 22.079 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 484.97 Mbit/s
95th percentile per-packet one-way delay: 22.079 ms
Loss rate: 1.05%
```

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

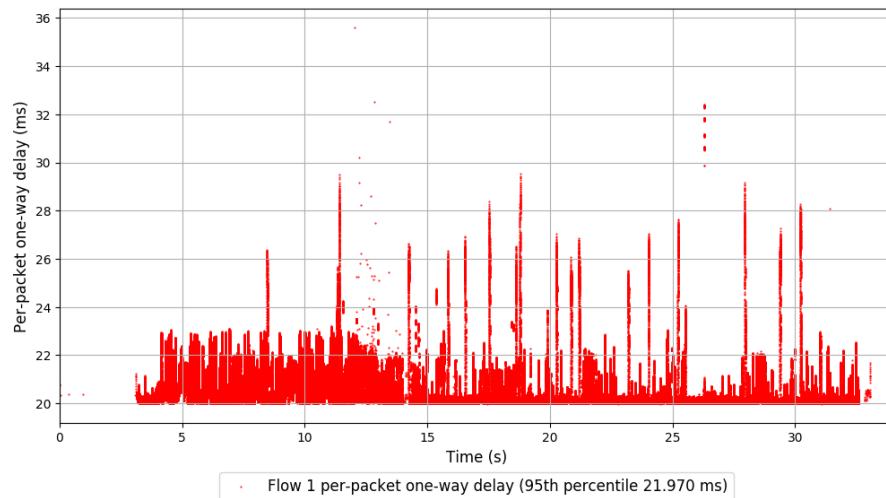
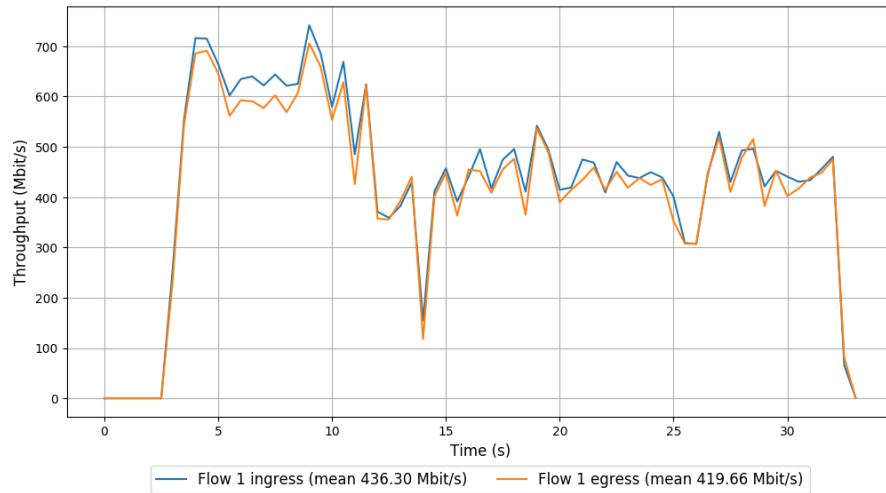


Run 5: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 03:04:52 +0000
End at: Tue, 04 Jul 2017 03:05:22 +0000
Local clock offset: -0.836 ms
Remote clock offset: -2.034 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:48:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 419.66 Mbit/s
95th percentile per-packet one-way delay: 21.970 ms
Loss rate: 3.82%
-- Flow 1:
Average throughput: 419.66 Mbit/s
95th percentile per-packet one-way delay: 21.970 ms
Loss rate: 3.82%
```

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

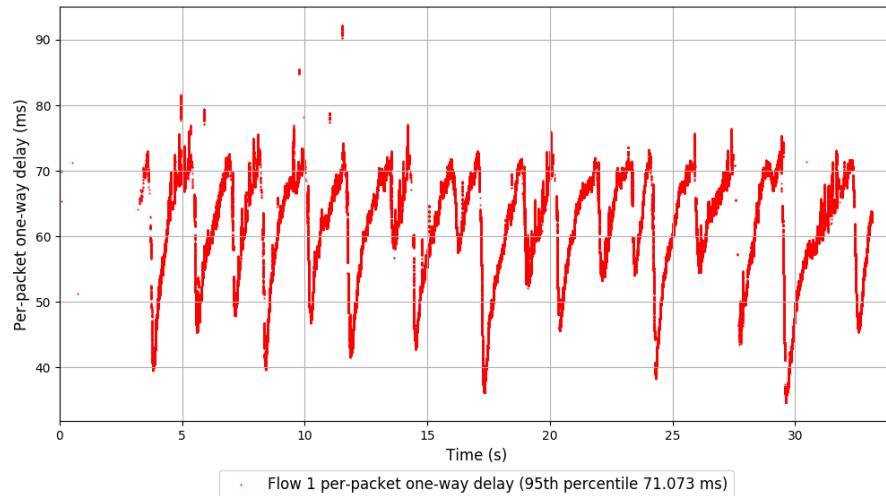
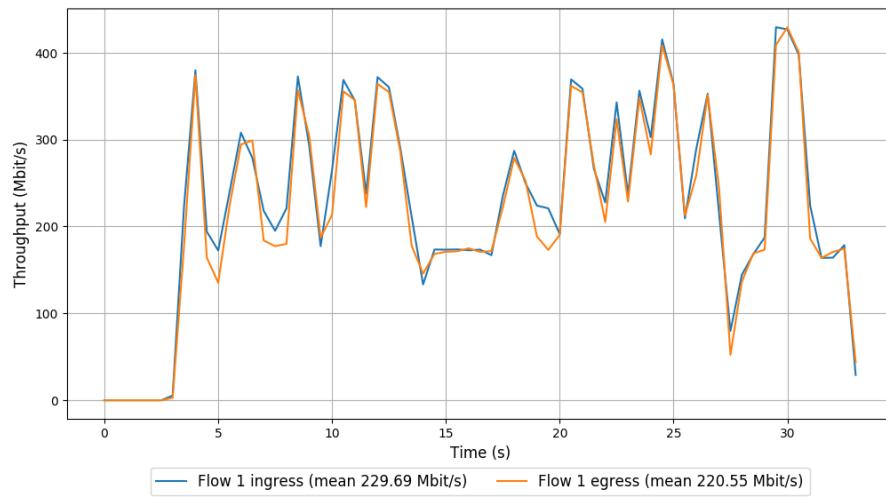


Run 6: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 03:24:16 +0000
End at: Tue, 04 Jul 2017 03:24:46 +0000
Local clock offset: -0.386 ms
Remote clock offset: -2.097 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:48:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 220.55 Mbit/s
95th percentile per-packet one-way delay: 71.073 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 220.55 Mbit/s
95th percentile per-packet one-way delay: 71.073 ms
Loss rate: 4.08%
```

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

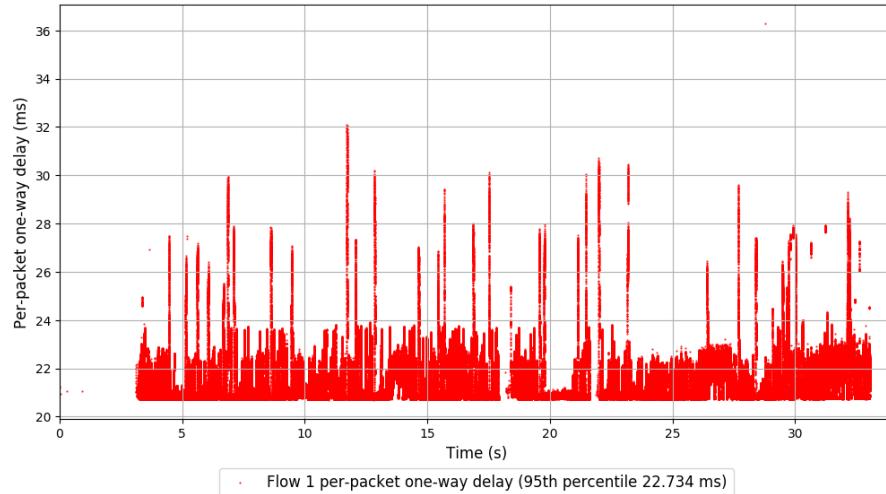
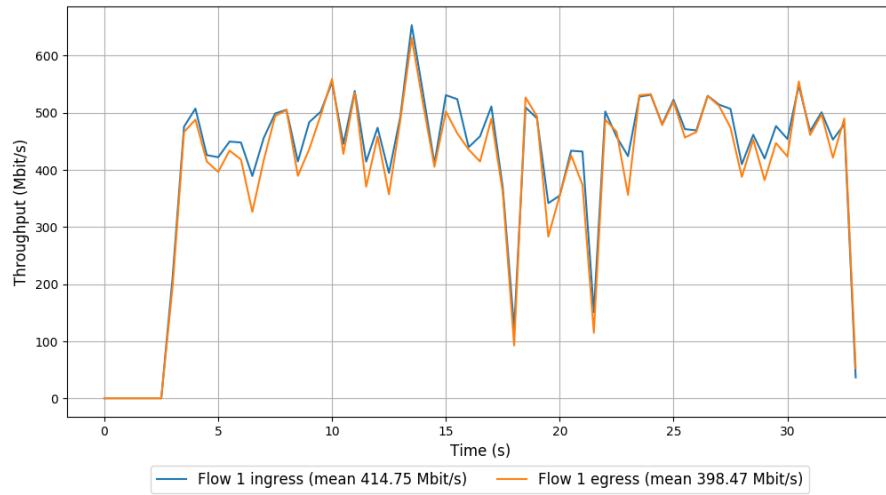


Run 7: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 03:43:01 +0000
End at: Tue, 04 Jul 2017 03:43:31 +0000
Local clock offset: -0.026 ms
Remote clock offset: -2.023 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:48:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 398.47 Mbit/s
95th percentile per-packet one-way delay: 22.734 ms
Loss rate: 3.93%
-- Flow 1:
Average throughput: 398.47 Mbit/s
95th percentile per-packet one-way delay: 22.734 ms
Loss rate: 3.93%
```

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

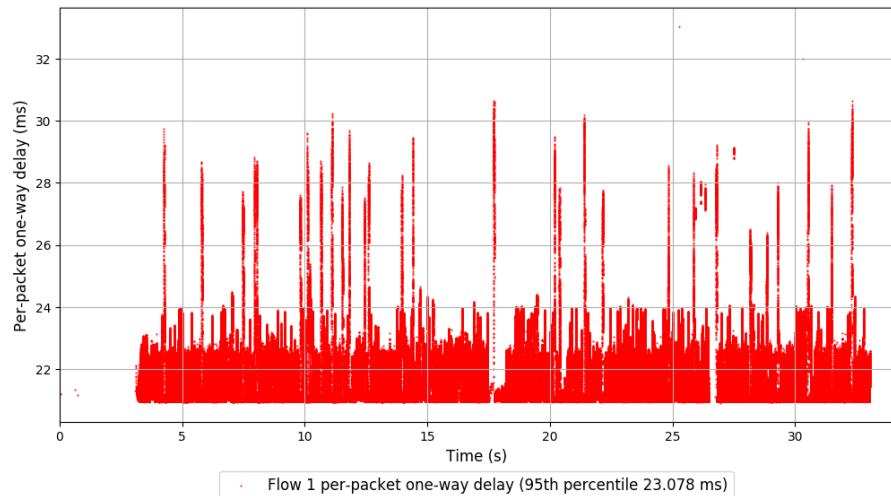
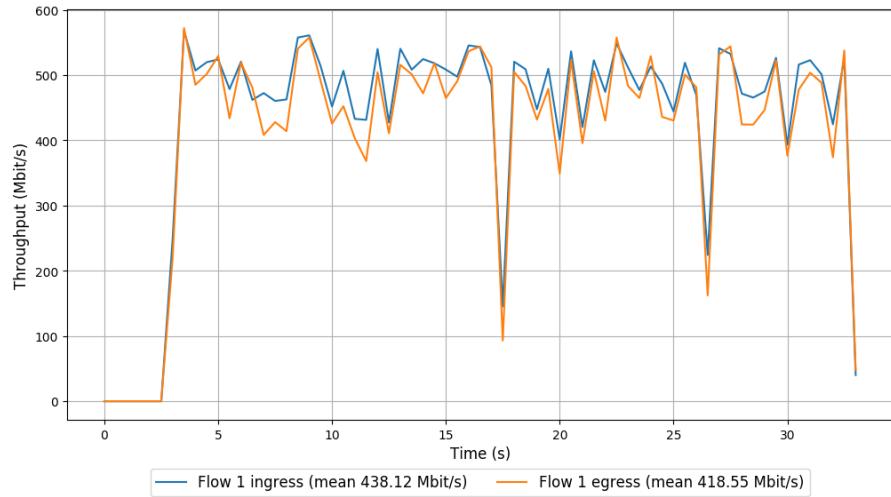


Run 8: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 04:02:21 +0000
End at: Tue, 04 Jul 2017 04:02:51 +0000
Local clock offset: 0.412 ms
Remote clock offset: -1.801 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:49:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 418.55 Mbit/s
95th percentile per-packet one-way delay: 23.078 ms
Loss rate: 4.47%
-- Flow 1:
Average throughput: 418.55 Mbit/s
95th percentile per-packet one-way delay: 23.078 ms
Loss rate: 4.47%
```

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

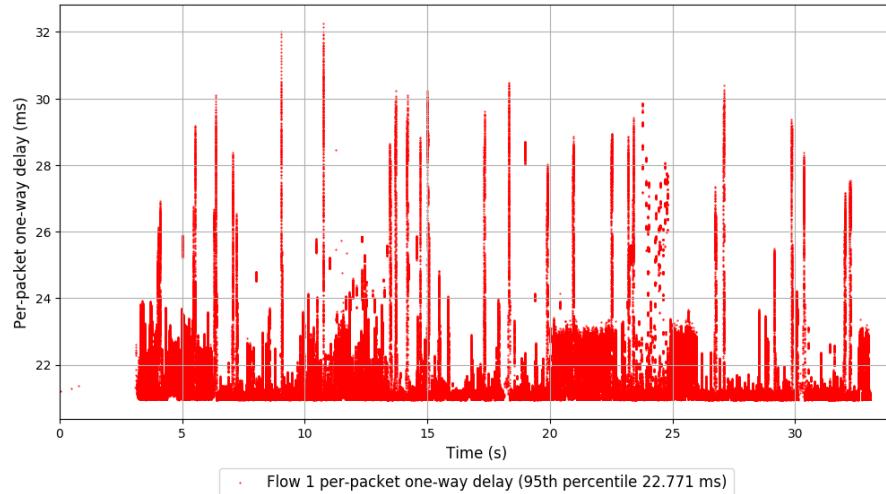
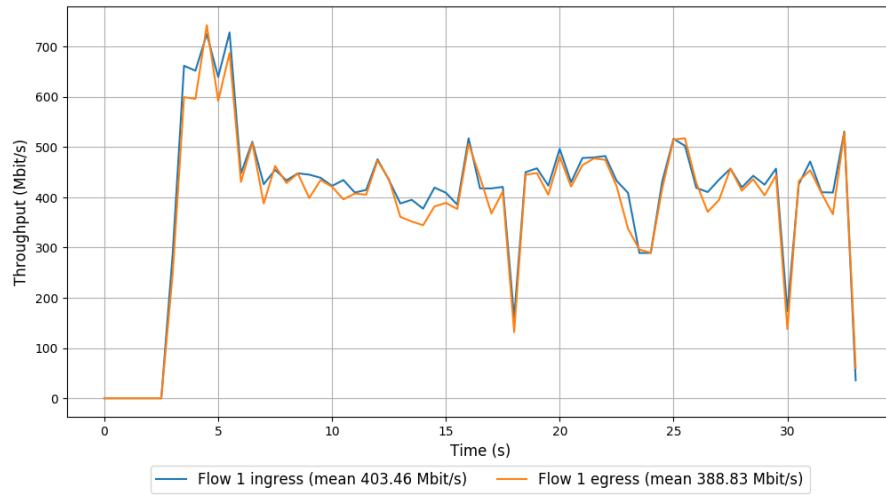


Run 9: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 04:21:53 +0000
End at: Tue, 04 Jul 2017 04:22:23 +0000
Local clock offset: 0.74 ms
Remote clock offset: -1.457 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:49:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 388.83 Mbit/s
95th percentile per-packet one-way delay: 22.771 ms
Loss rate: 3.66%
-- Flow 1:
Average throughput: 388.83 Mbit/s
95th percentile per-packet one-way delay: 22.771 ms
Loss rate: 3.66%
```

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

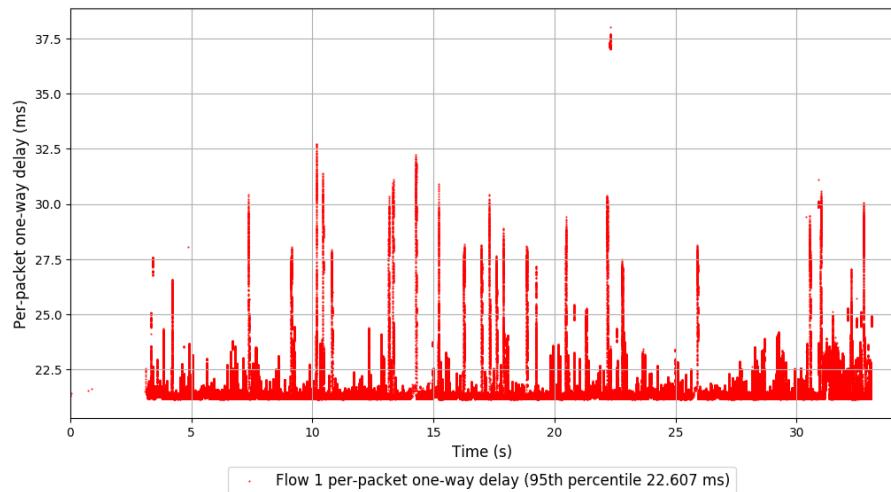
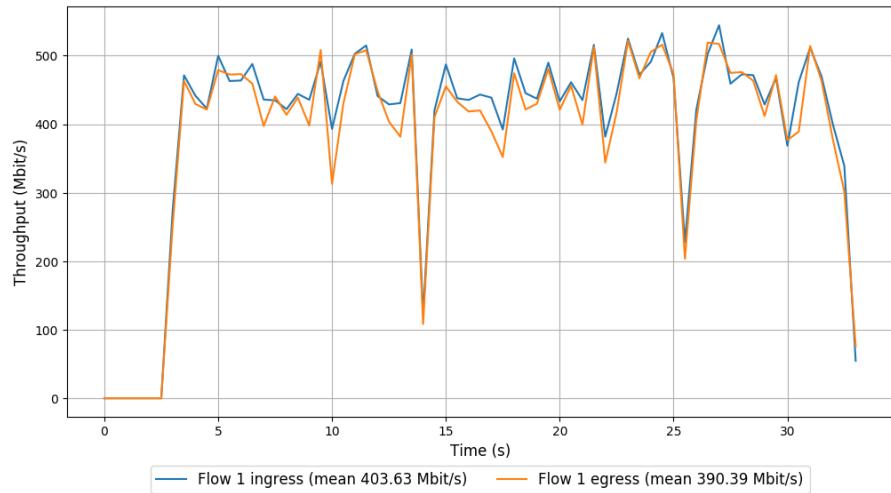


Run 10: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 04:41:32 +0000
End at: Tue, 04 Jul 2017 04:42:02 +0000
Local clock offset: 1.048 ms
Remote clock offset: -1.417 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:50:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 390.39 Mbit/s
95th percentile per-packet one-way delay: 22.607 ms
Loss rate: 3.28%
-- Flow 1:
Average throughput: 390.39 Mbit/s
95th percentile per-packet one-way delay: 22.607 ms
Loss rate: 3.28%
```

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



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

```
Start at: Tue, 04 Jul 2017 01:50:17 +0000
```

```
End at: Tue, 04 Jul 2017 01:50:47 +0000
```

```
Local clock offset: -0.971 ms
```

```
Remote clock offset: -2.323 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 09:50:46 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 341.16 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.383 ms
```

```
Loss rate: 0.13%
```

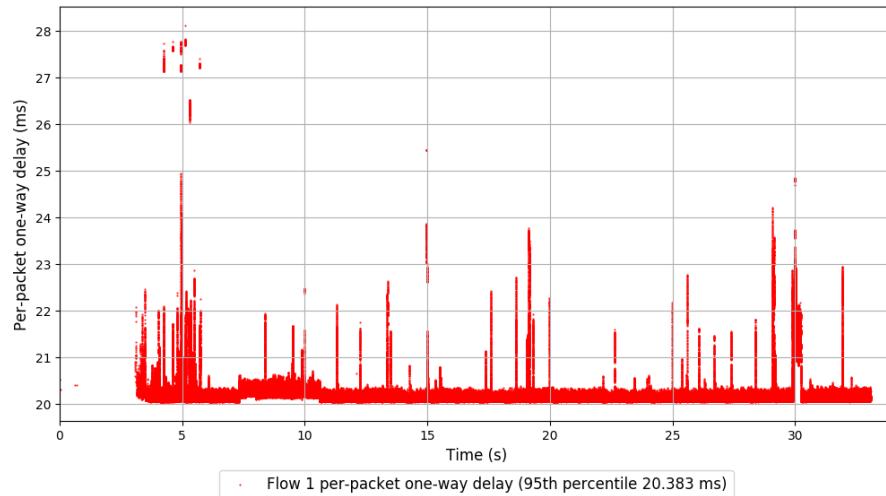
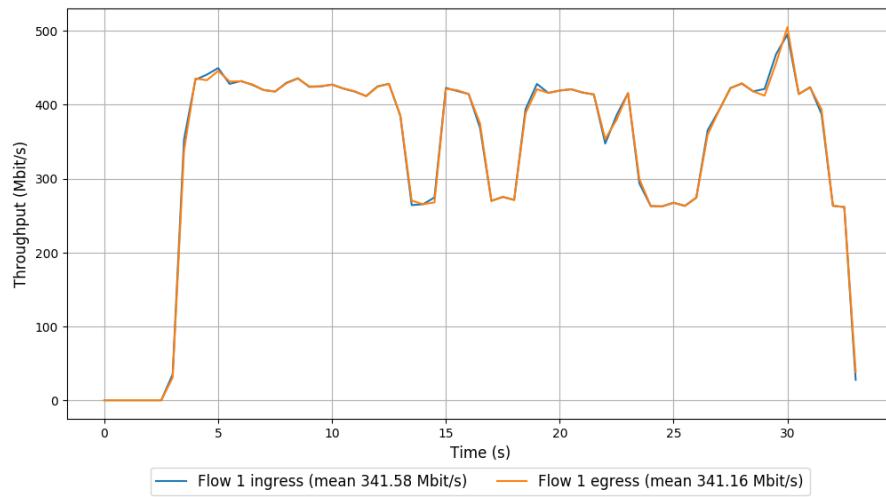
```
-- Flow 1:
```

```
Average throughput: 341.16 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.383 ms
```

```
Loss rate: 0.13%
```

Run 1: Report of CalibratedKoho — Data Link

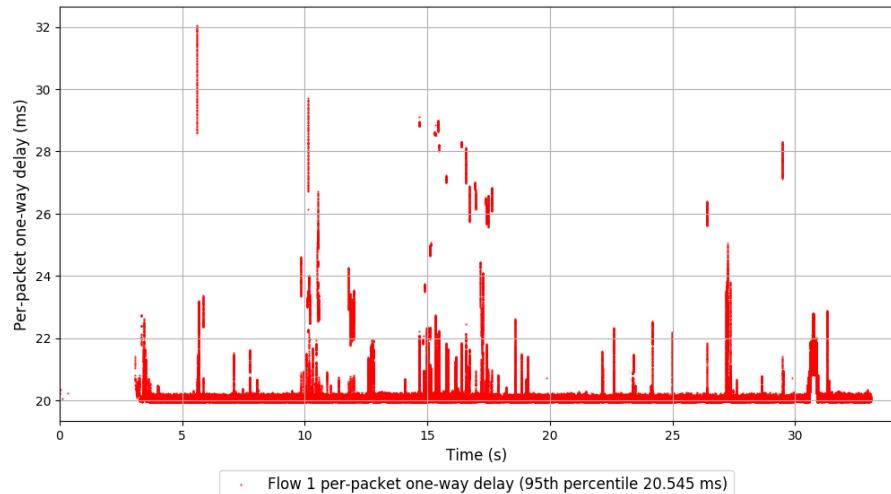
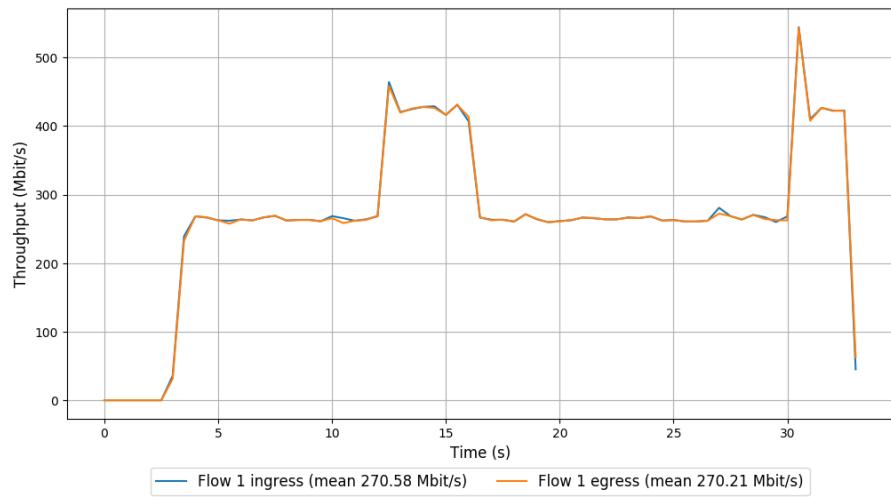


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 02:10:09 +0000
End at: Tue, 04 Jul 2017 02:10:39 +0000
Local clock offset: -0.882 ms
Remote clock offset: -2.161 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:50:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 270.21 Mbit/s
95th percentile per-packet one-way delay: 20.545 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 270.21 Mbit/s
95th percentile per-packet one-way delay: 20.545 ms
Loss rate: 0.16%
```

## Run 2: Report of CalibratedKoho — Data Link

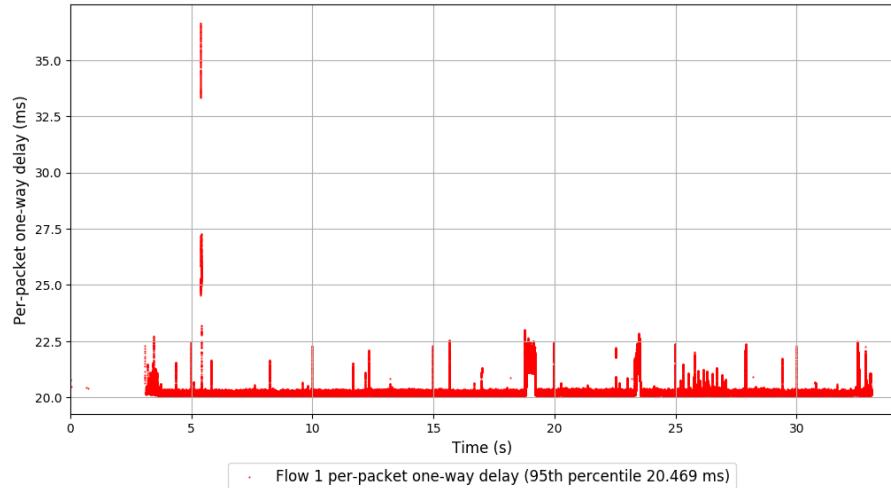
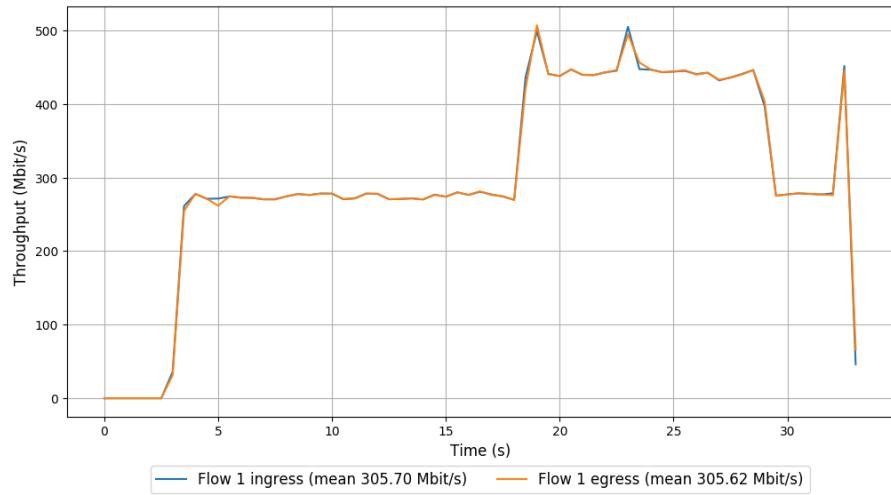


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 02:29:30 +0000
End at: Tue, 04 Jul 2017 02:30:00 +0000
Local clock offset: -1.086 ms
Remote clock offset: -2.473 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:51:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 305.62 Mbit/s
95th percentile per-packet one-way delay: 20.469 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 305.62 Mbit/s
95th percentile per-packet one-way delay: 20.469 ms
Loss rate: 0.05%
```

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



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

```
Start at: Tue, 04 Jul 2017 02:49:05 +0000
```

```
End at: Tue, 04 Jul 2017 02:49:35 +0000
```

```
Local clock offset: -0.932 ms
```

```
Remote clock offset: -2.431 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 09:51:39 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 359.24 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.904 ms
```

```
Loss rate: 0.27%
```

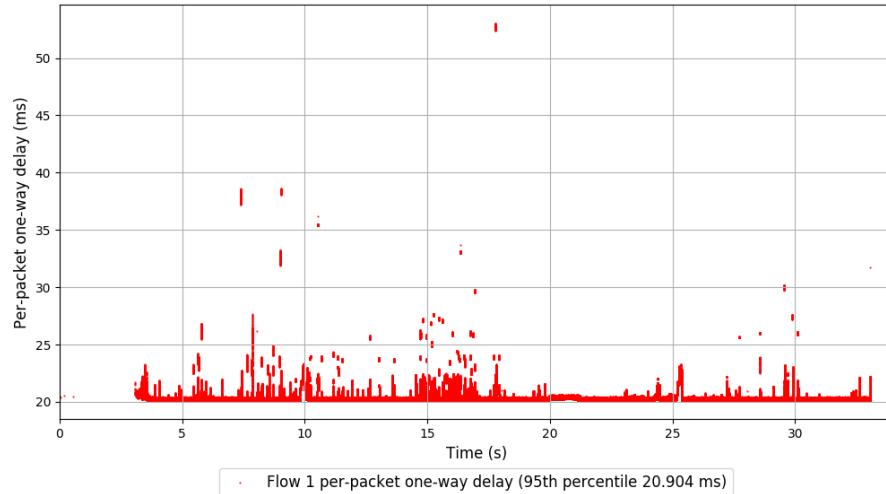
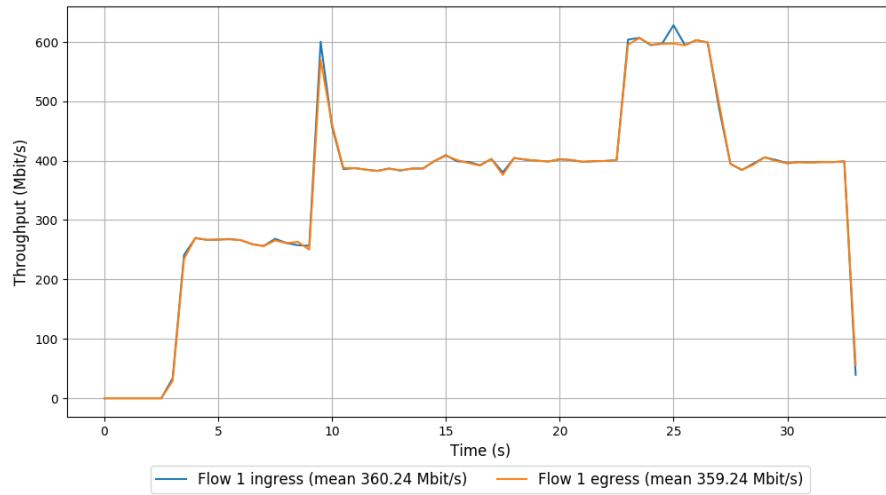
```
-- Flow 1:
```

```
Average throughput: 359.24 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.904 ms
```

```
Loss rate: 0.27%
```

## Run 4: Report of CalibratedKoho — Data Link

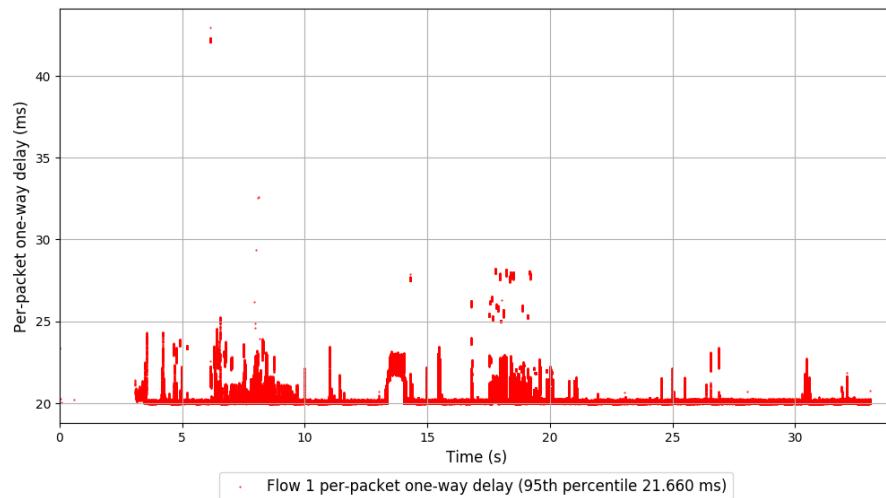
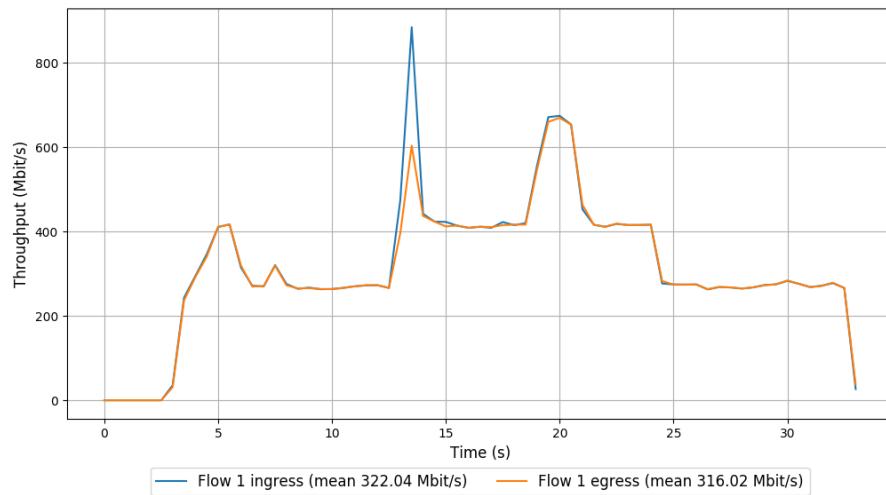


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 03:08:56 +0000
End at: Tue, 04 Jul 2017 03:09:26 +0000
Local clock offset: -0.738 ms
Remote clock offset: -2.011 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:52:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 316.02 Mbit/s
95th percentile per-packet one-way delay: 21.660 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 316.02 Mbit/s
95th percentile per-packet one-way delay: 21.660 ms
Loss rate: 1.88%
```

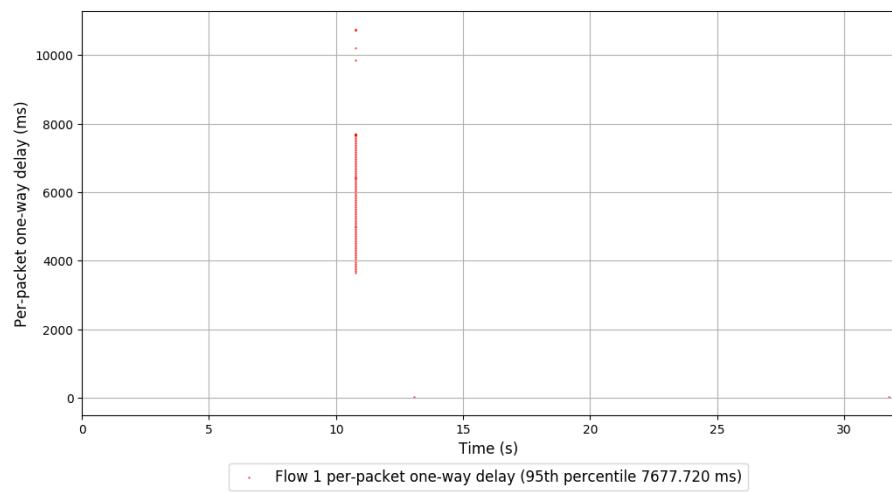
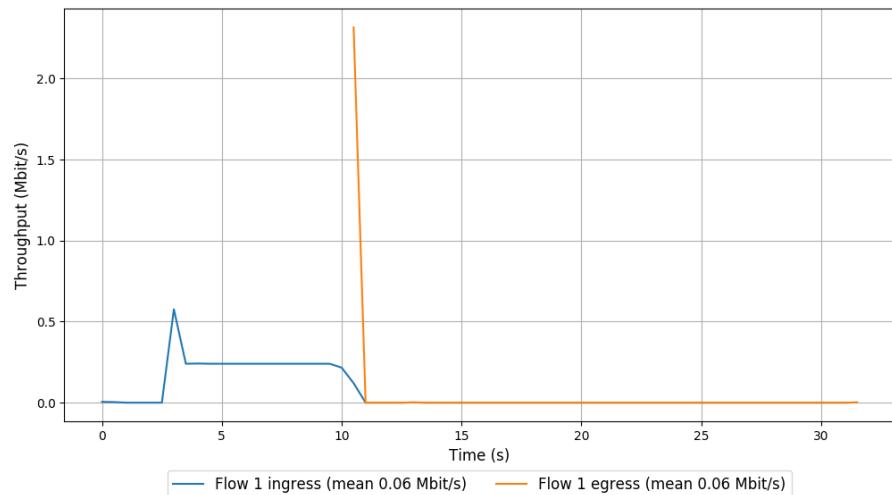
Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Tue, 04 Jul 2017 03:28:05 +0000  
End at: Tue, 04 Jul 2017 03:28:35 +0000  
Local clock offset: -0.423 ms  
Remote clock offset: -2.127 ms

## Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 04 Jul 2017 03:47:04 +0000

End at: Tue, 04 Jul 2017 03:47:34 +0000

Local clock offset: 0.155 ms

Remote clock offset: -1.978 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:52:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 278.52 Mbit/s

95th percentile per-packet one-way delay: 21.017 ms

Loss rate: 0.01%

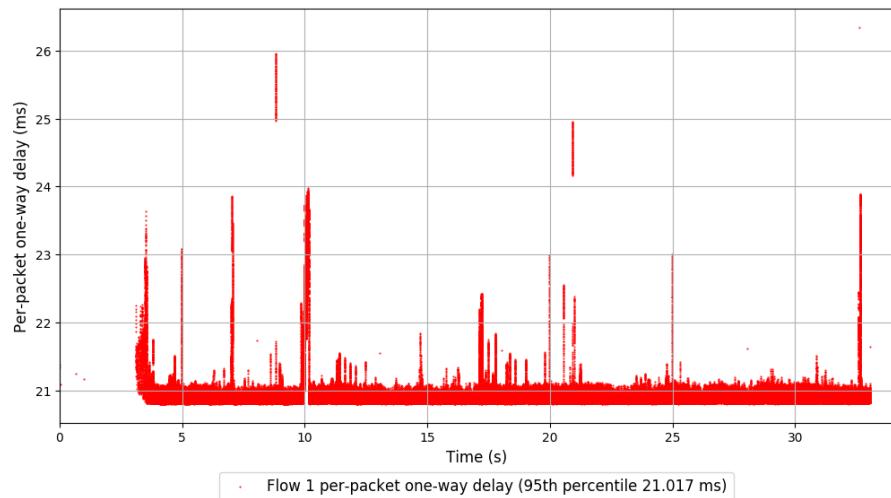
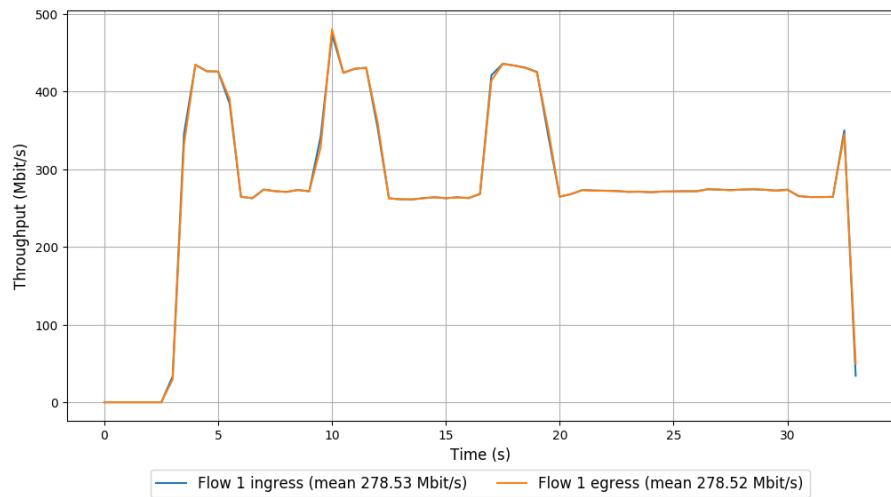
-- Flow 1:

Average throughput: 278.52 Mbit/s

95th percentile per-packet one-way delay: 21.017 ms

Loss rate: 0.01%

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



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

```
Start at: Tue, 04 Jul 2017 04:06:26 +0000
```

```
End at: Tue, 04 Jul 2017 04:06:56 +0000
```

```
Local clock offset: 0.583 ms
```

```
Remote clock offset: -1.842 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 09:53:15 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 398.26 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.373 ms
```

```
Loss rate: 0.15%
```

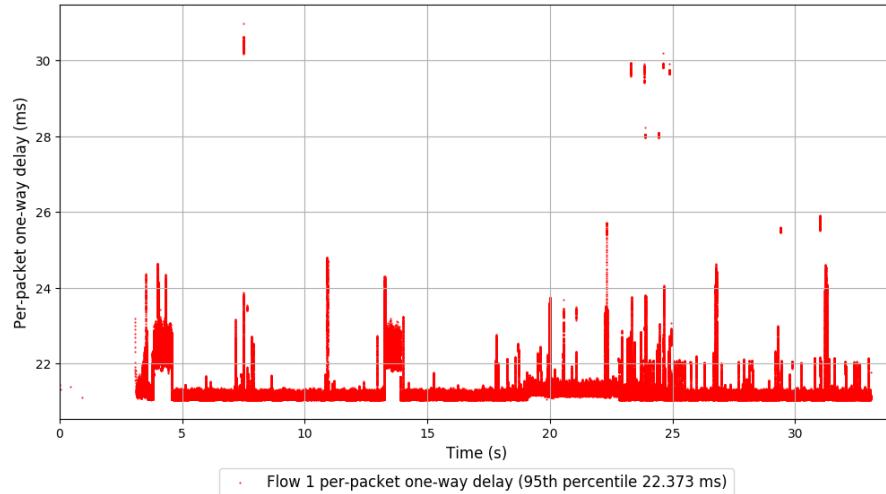
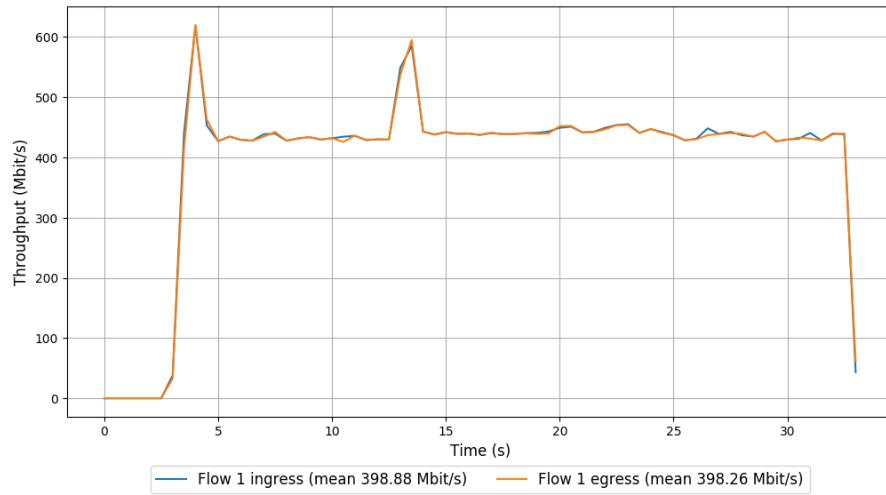
```
-- Flow 1:
```

```
Average throughput: 398.26 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.373 ms
```

```
Loss rate: 0.15%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:25:58 +0000
```

```
End at: Tue, 04 Jul 2017 04:26:28 +0000
```

```
Local clock offset: 0.862 ms
```

```
Remote clock offset: -1.411 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 09:53:19 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 398.86 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.173 ms
```

```
Loss rate: 0.57%
```

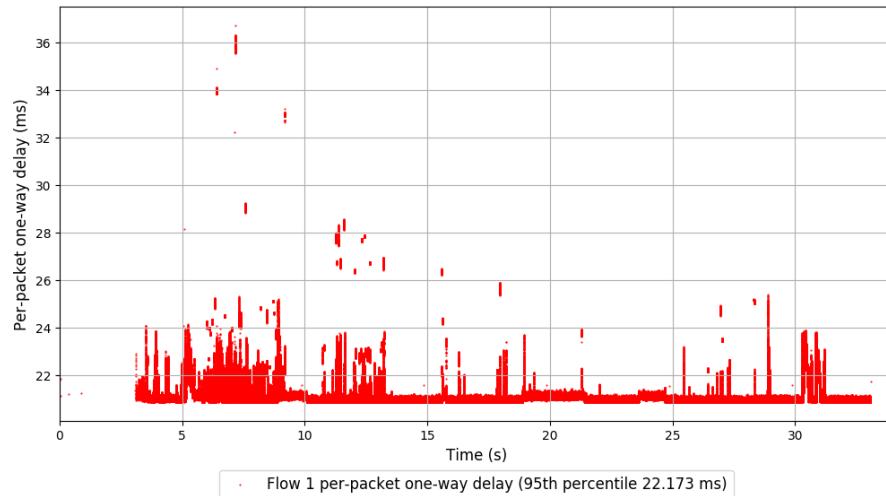
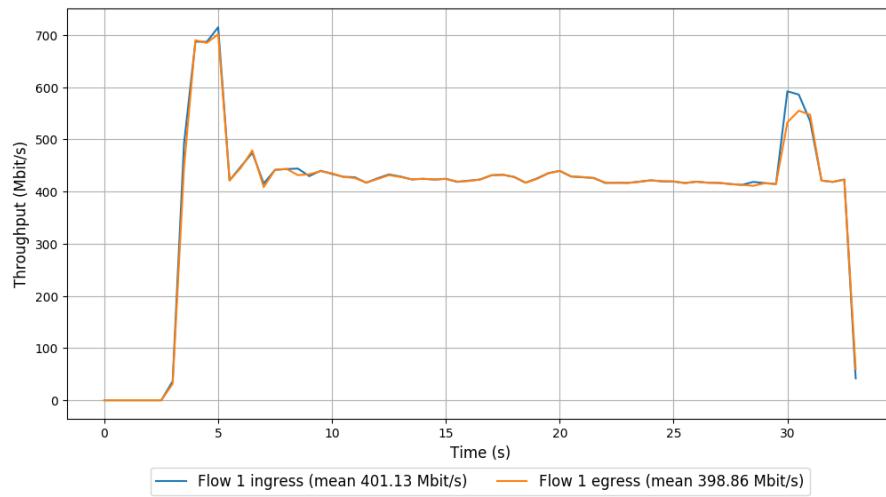
```
-- Flow 1:
```

```
Average throughput: 398.86 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.173 ms
```

```
Loss rate: 0.57%
```

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



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

```
Start at: Tue, 04 Jul 2017 04:45:36 +0000
```

```
End at: Tue, 04 Jul 2017 04:46:06 +0000
```

```
Local clock offset: 1.054 ms
```

```
Remote clock offset: -1.262 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:03 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 327.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.303 ms
```

```
Loss rate: 0.12%
```

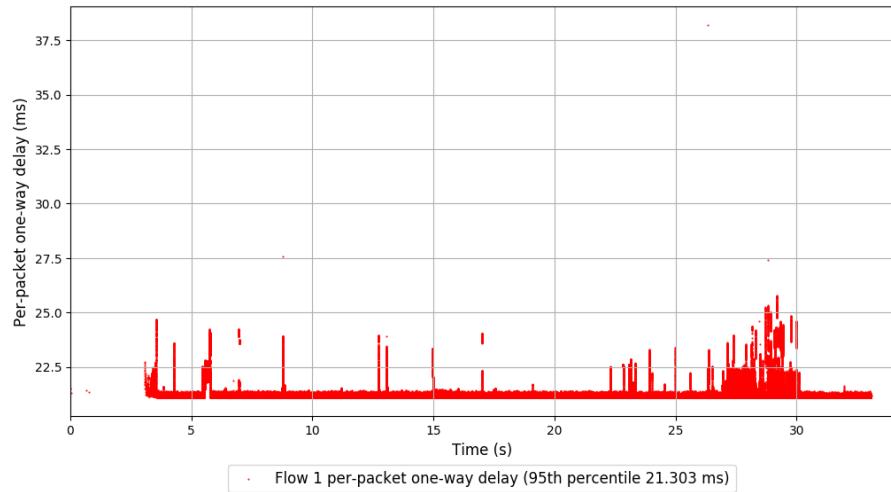
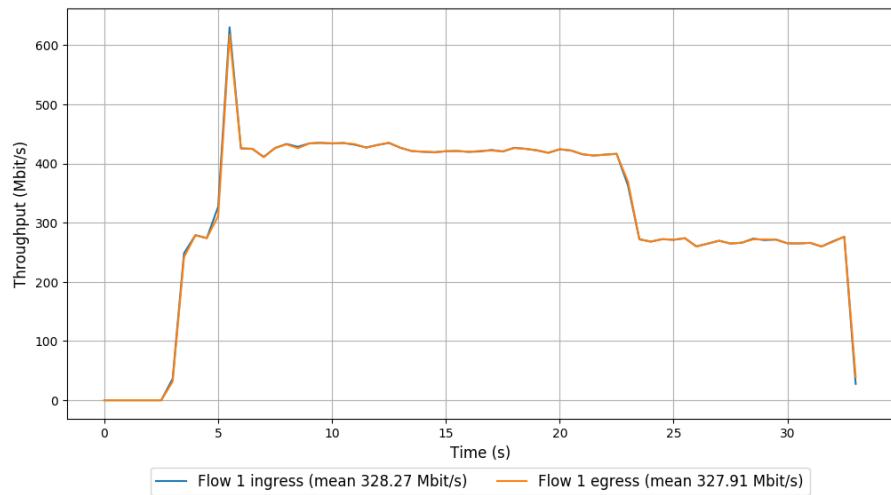
```
-- Flow 1:
```

```
Average throughput: 327.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.303 ms
```

```
Loss rate: 0.12%
```

## Run 10: Report of CalibratedKoho — Data Link

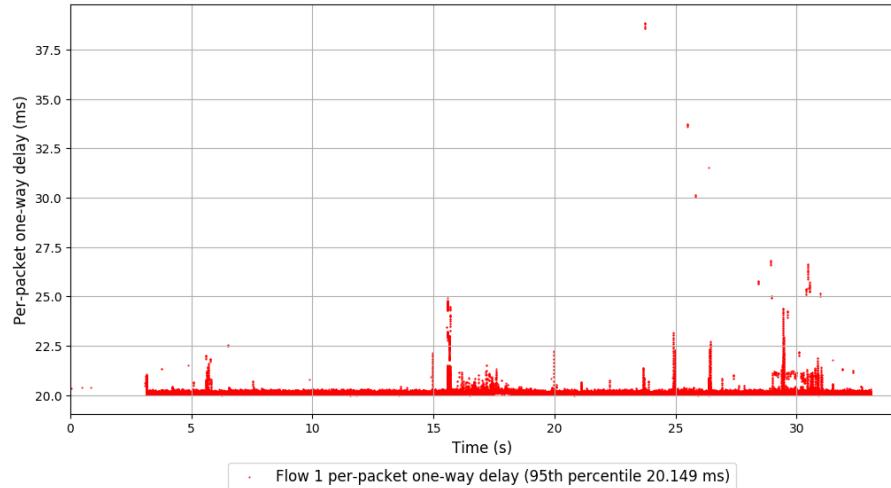
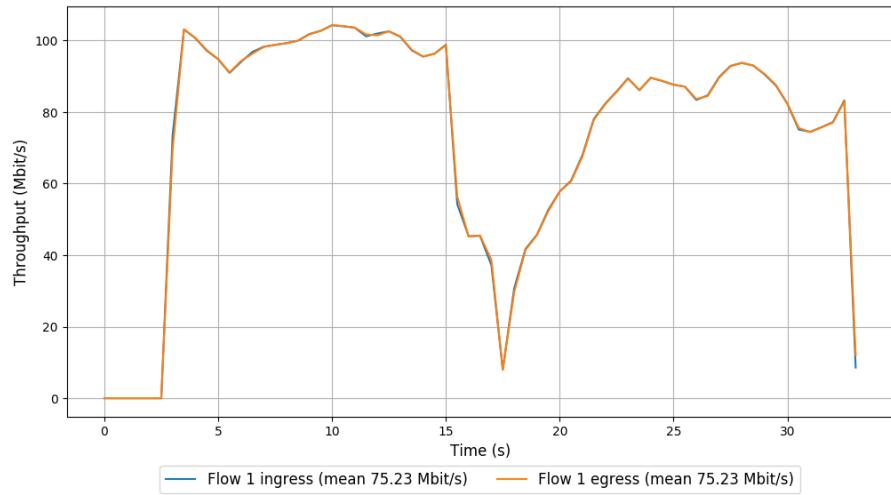


Run 1: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 01:47:47 +0000
End at: Tue, 04 Jul 2017 01:48:17 +0000
Local clock offset: -1.005 ms
Remote clock offset: -2.264 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.23 Mbit/s
95th percentile per-packet one-way delay: 20.149 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.23 Mbit/s
95th percentile per-packet one-way delay: 20.149 ms
Loss rate: 0.00%
```

## Run 1: Report of Copa — Data Link

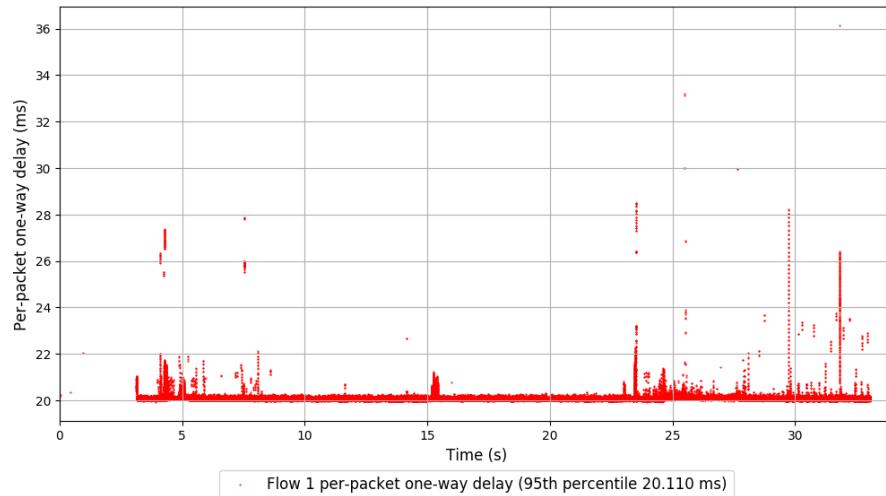
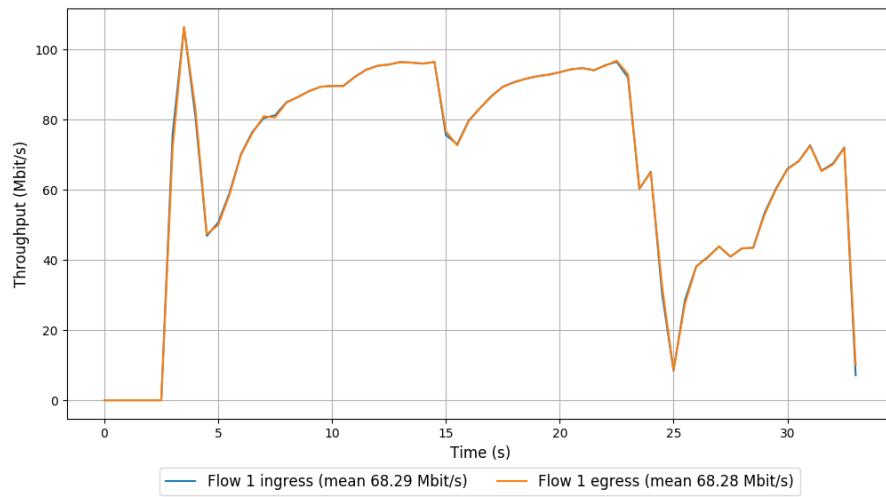


Run 2: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 02:07:39 +0000
End at: Tue, 04 Jul 2017 02:08:09 +0000
Local clock offset: -0.897 ms
Remote clock offset: -2.22 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.28 Mbit/s
95th percentile per-packet one-way delay: 20.110 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 68.28 Mbit/s
95th percentile per-packet one-way delay: 20.110 ms
Loss rate: 0.01%
```

## Run 2: Report of Copa — Data Link

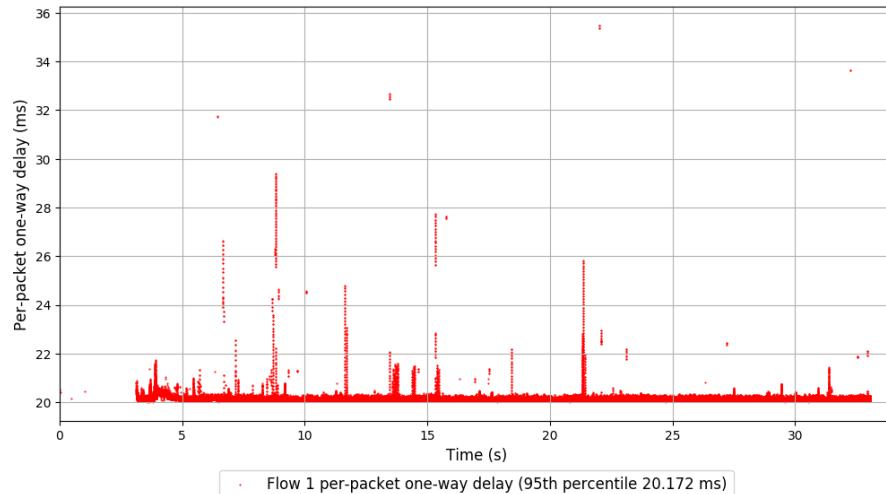
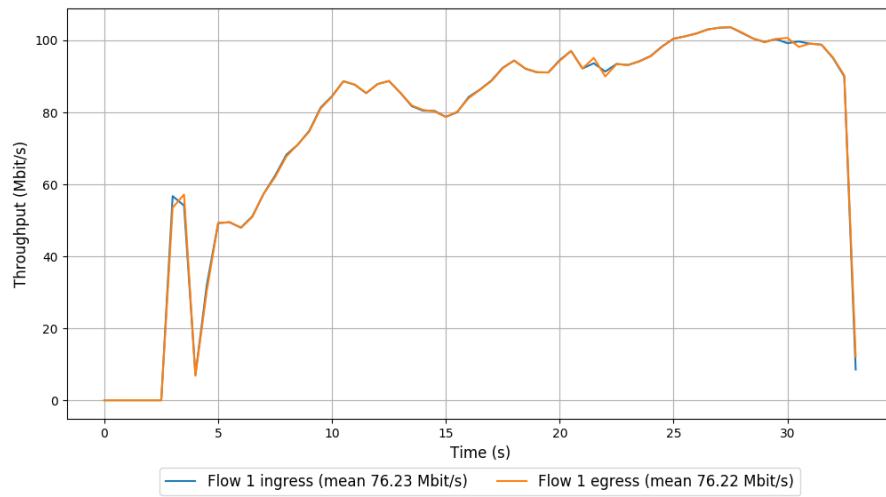


Run 3: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 02:27:00 +0000
End at: Tue, 04 Jul 2017 02:27:30 +0000
Local clock offset: -1.017 ms
Remote clock offset: -2.456 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.22 Mbit/s
95th percentile per-packet one-way delay: 20.172 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.22 Mbit/s
95th percentile per-packet one-way delay: 20.172 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

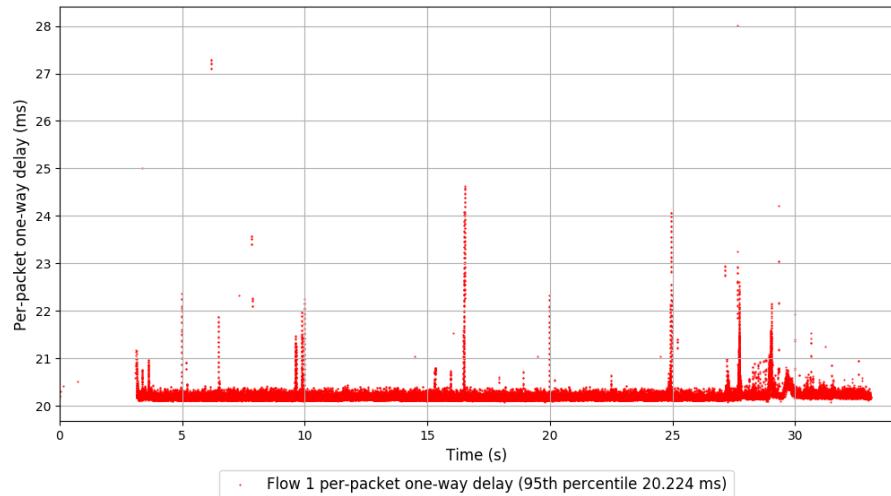
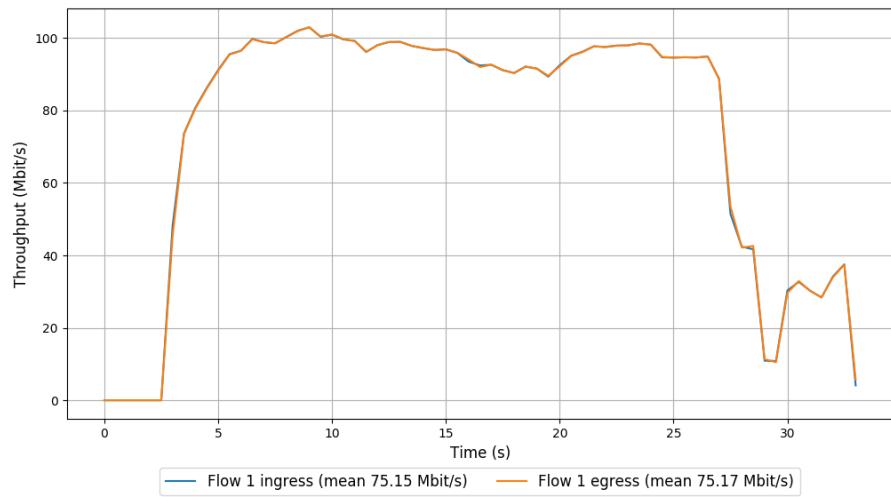


Run 4: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 02:46:35 +0000
End at: Tue, 04 Jul 2017 02:47:05 +0000
Local clock offset: -1.042 ms
Remote clock offset: -2.448 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.17 Mbit/s
95th percentile per-packet one-way delay: 20.224 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.17 Mbit/s
95th percentile per-packet one-way delay: 20.224 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

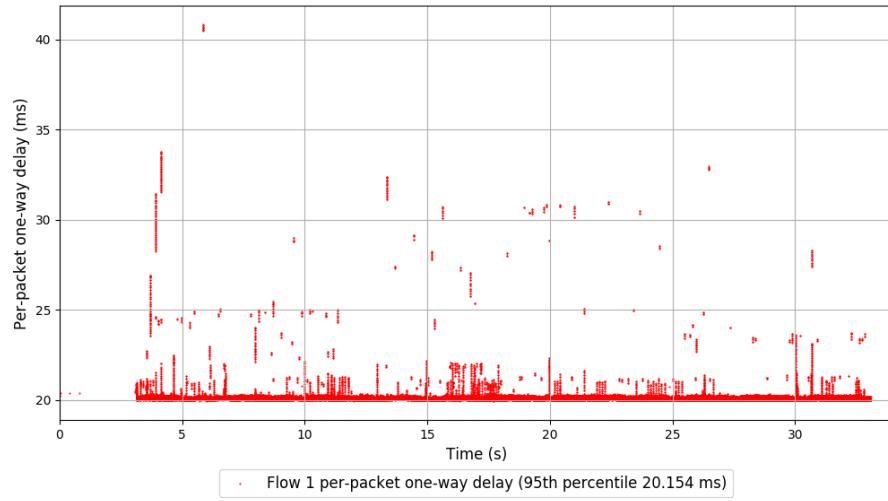
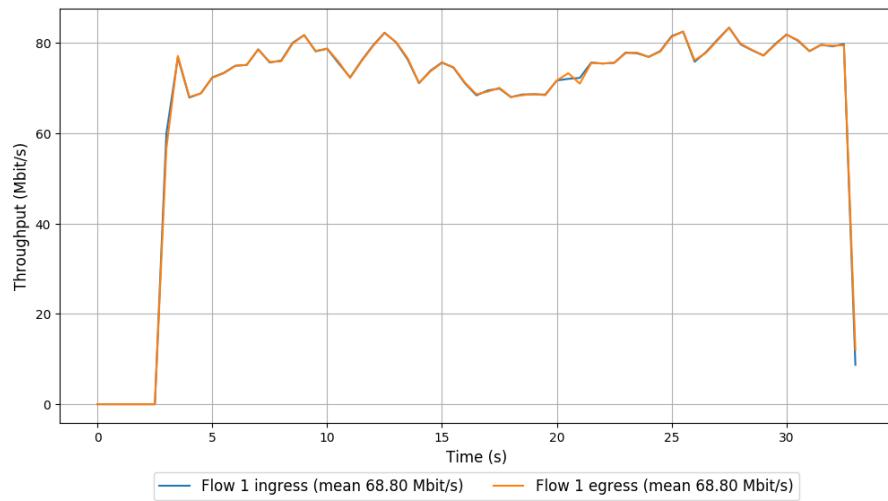


Run 5: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 03:06:27 +0000
End at: Tue, 04 Jul 2017 03:06:57 +0000
Local clock offset: -0.813 ms
Remote clock offset: -2.086 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.80 Mbit/s
95th percentile per-packet one-way delay: 20.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.80 Mbit/s
95th percentile per-packet one-way delay: 20.154 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

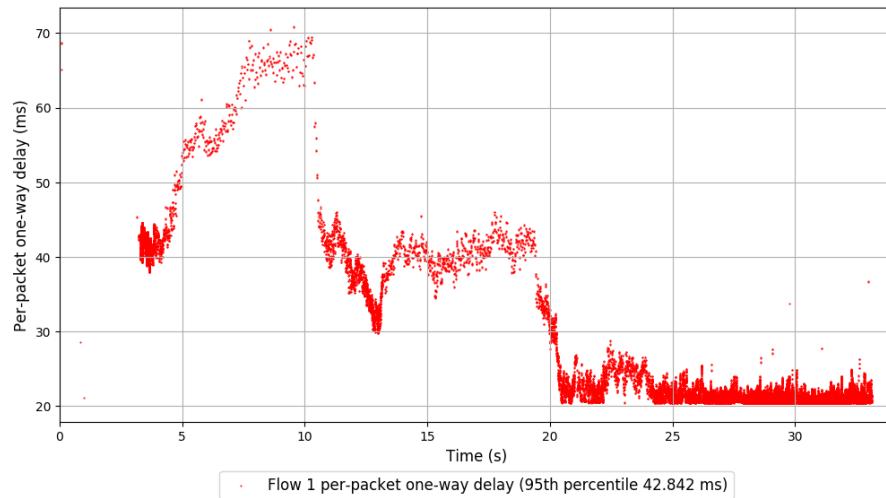
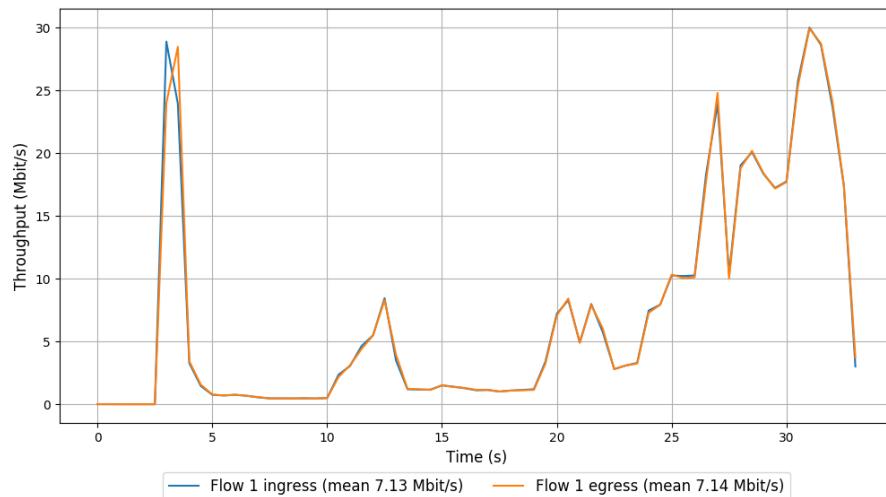


Run 6: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 03:25:40 +0000
End at: Tue, 04 Jul 2017 03:26:10 +0000
Local clock offset: -0.373 ms
Remote clock offset: -2.113 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.14 Mbit/s
95th percentile per-packet one-way delay: 42.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.14 Mbit/s
95th percentile per-packet one-way delay: 42.842 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

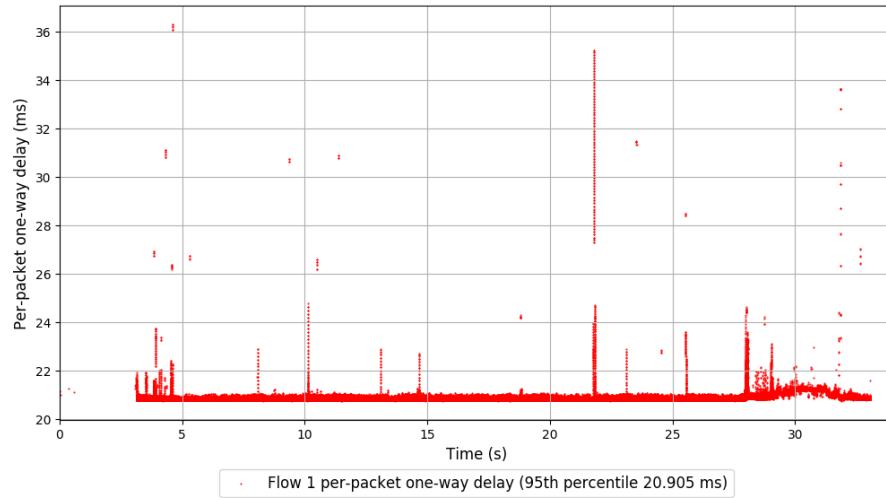
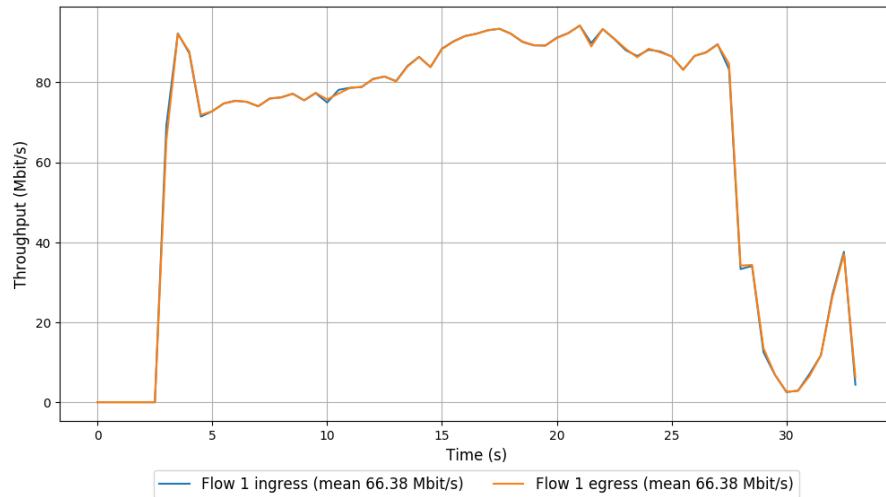


Run 7: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 03:44:35 +0000
End at: Tue, 04 Jul 2017 03:45:05 +0000
Local clock offset: 0.018 ms
Remote clock offset: -1.966 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.38 Mbit/s
95th percentile per-packet one-way delay: 20.905 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 66.38 Mbit/s
95th percentile per-packet one-way delay: 20.905 ms
Loss rate: 0.02%
```

## Run 7: Report of Copa — Data Link

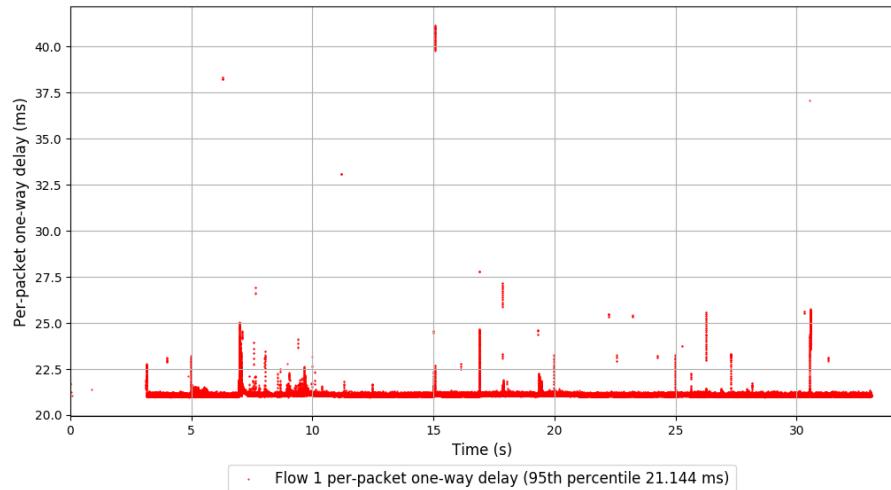
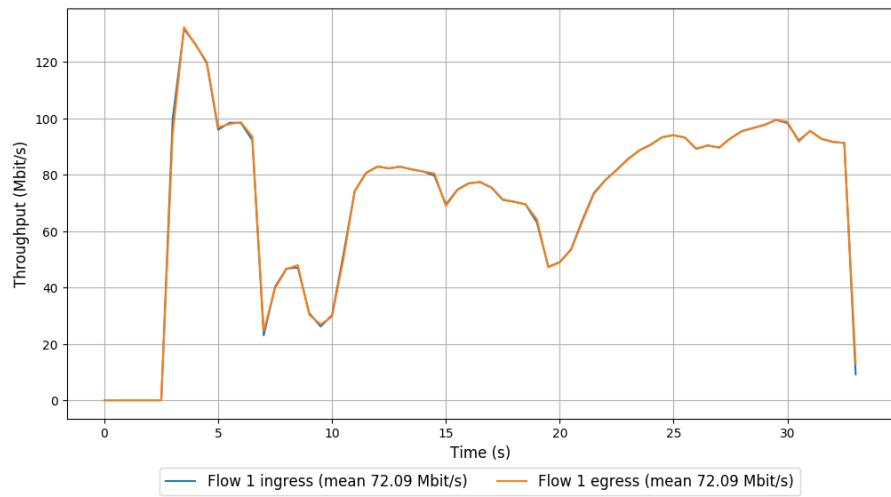


Run 8: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:03:56 +0000
End at: Tue, 04 Jul 2017 04:04:26 +0000
Local clock offset: 0.459 ms
Remote clock offset: -1.823 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:54:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.09 Mbit/s
95th percentile per-packet one-way delay: 21.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.09 Mbit/s
95th percentile per-packet one-way delay: 21.144 ms
Loss rate: 0.00%
```

## Run 8: Report of Copa — Data Link

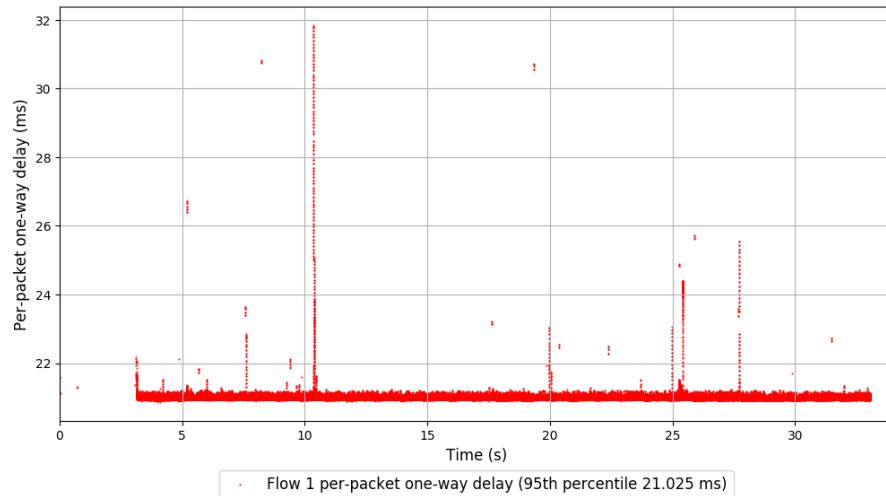
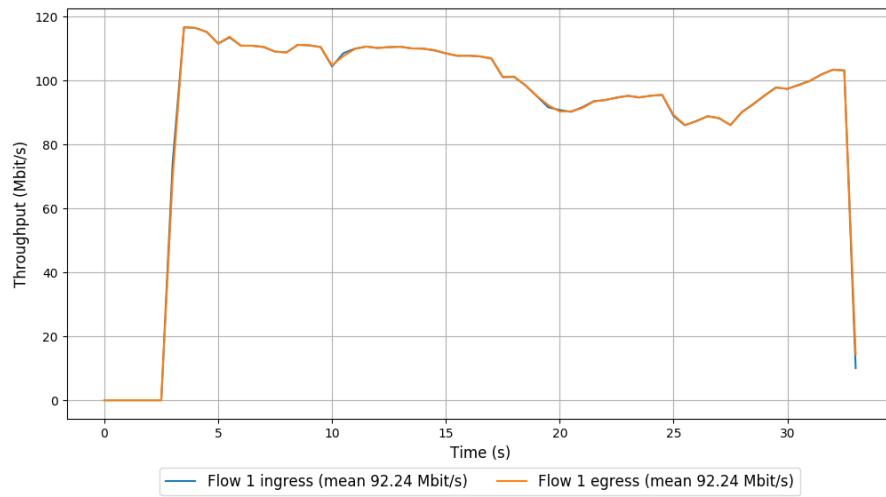


Run 9: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:23:25 +0000
End at: Tue, 04 Jul 2017 04:23:55 +0000
Local clock offset: 0.841 ms
Remote clock offset: -1.456 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:55:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 21.025 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 21.025 ms
Loss rate: 0.01%
```

## Run 9: Report of Copa — Data Link

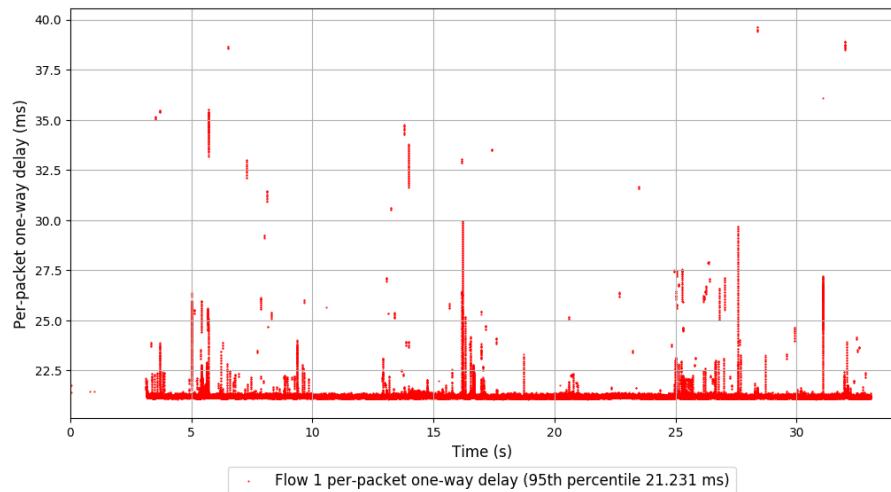
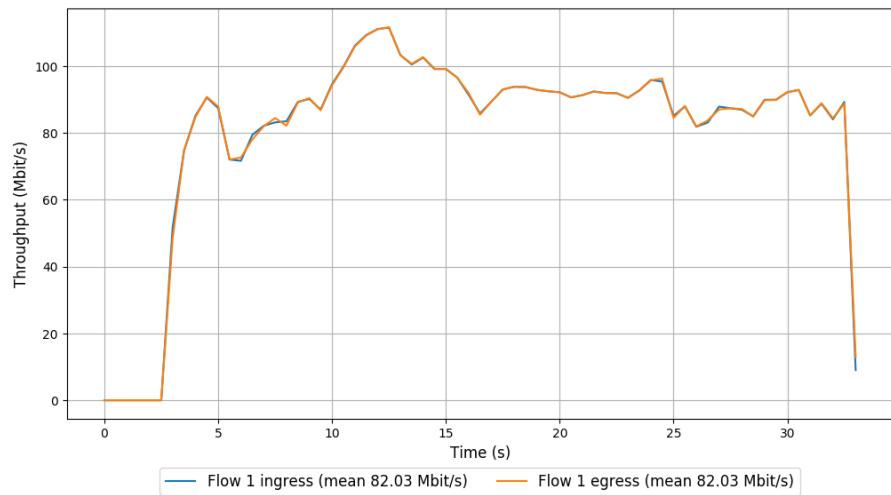


Run 10: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:43:05 +0000
End at: Tue, 04 Jul 2017 04:43:35 +0000
Local clock offset: 1.06 ms
Remote clock offset: -1.385 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:55:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.03 Mbit/s
95th percentile per-packet one-way delay: 21.231 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.03 Mbit/s
95th percentile per-packet one-way delay: 21.231 ms
Loss rate: 0.00%
```

## Run 10: Report of Copa — Data Link

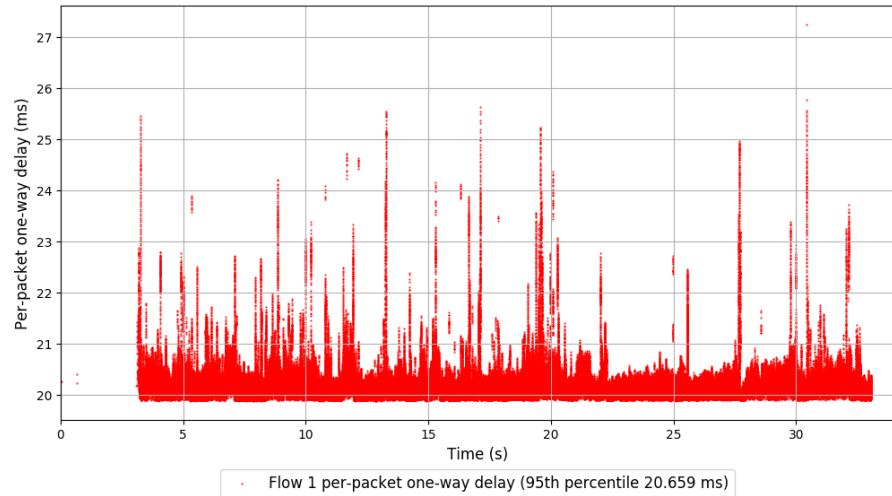
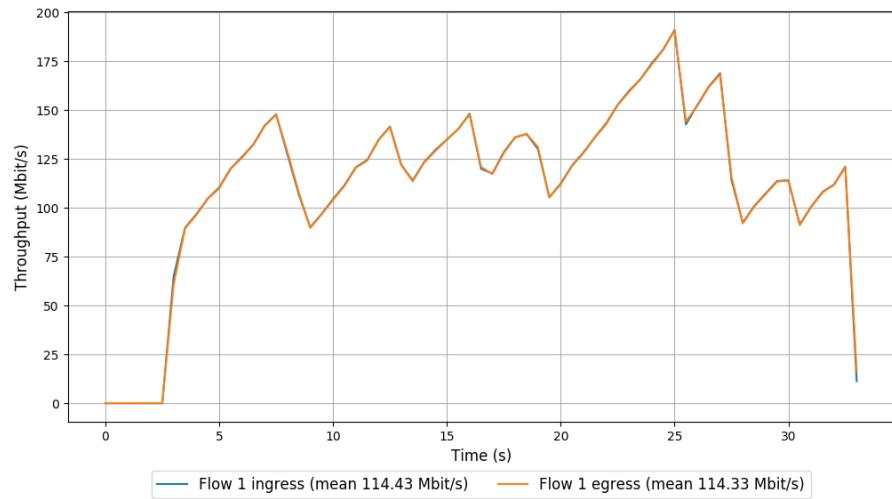


Run 1: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 01:36:46 +0000
End at: Tue, 04 Jul 2017 01:37:16 +0000
Local clock offset: -0.935 ms
Remote clock offset: -2.194 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:55:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 114.33 Mbit/s
95th percentile per-packet one-way delay: 20.659 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 114.33 Mbit/s
95th percentile per-packet one-way delay: 20.659 ms
Loss rate: 0.09%
```

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

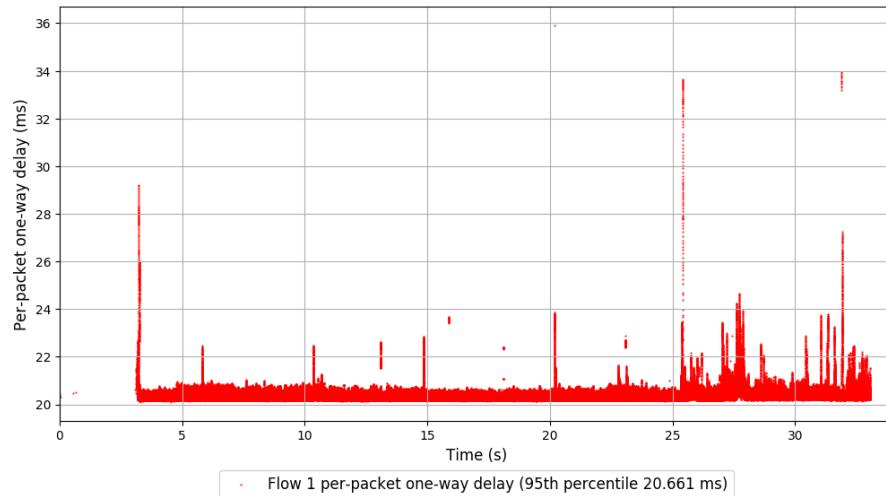
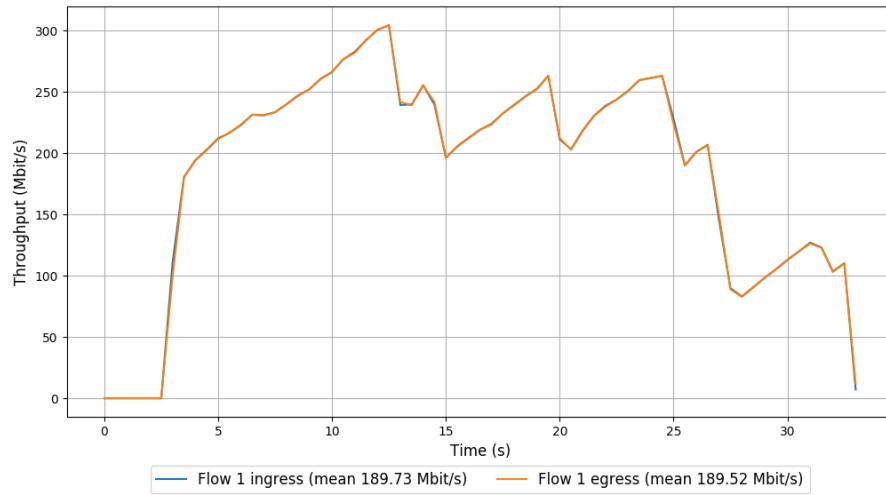


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 01:56:37 +0000
End at: Tue, 04 Jul 2017 01:57:07 +0000
Local clock offset: -0.965 ms
Remote clock offset: -2.305 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:55:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 189.52 Mbit/s
95th percentile per-packet one-way delay: 20.661 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 189.52 Mbit/s
95th percentile per-packet one-way delay: 20.661 ms
Loss rate: 0.14%
```

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

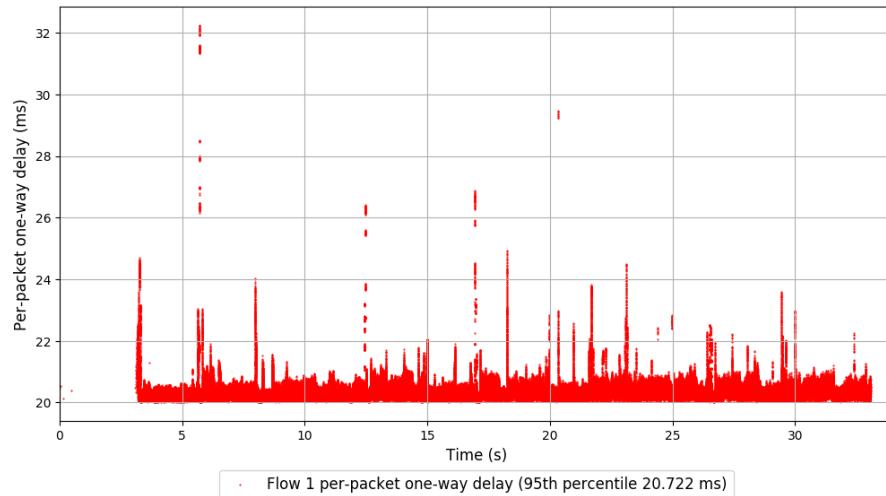
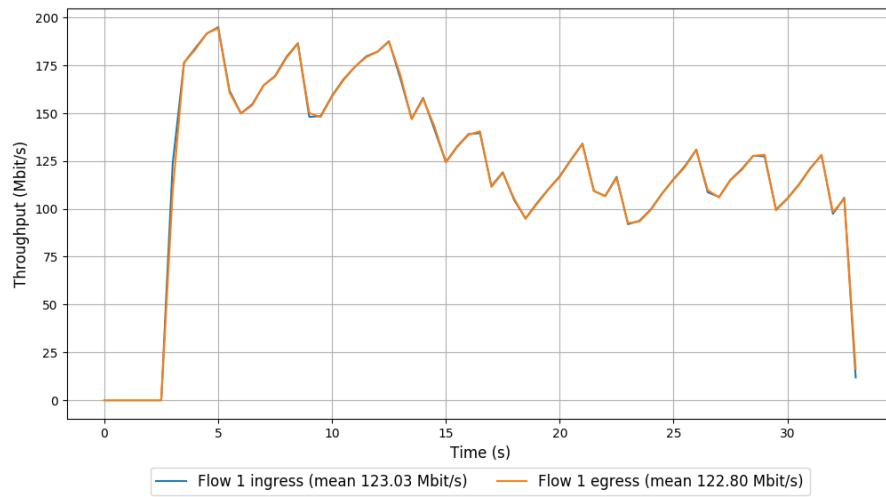


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 02:16:25 +0000
End at: Tue, 04 Jul 2017 02:16:55 +0000
Local clock offset: -1.033 ms
Remote clock offset: -2.329 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:55:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 122.80 Mbit/s
95th percentile per-packet one-way delay: 20.722 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 122.80 Mbit/s
95th percentile per-packet one-way delay: 20.722 ms
Loss rate: 0.18%
```

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

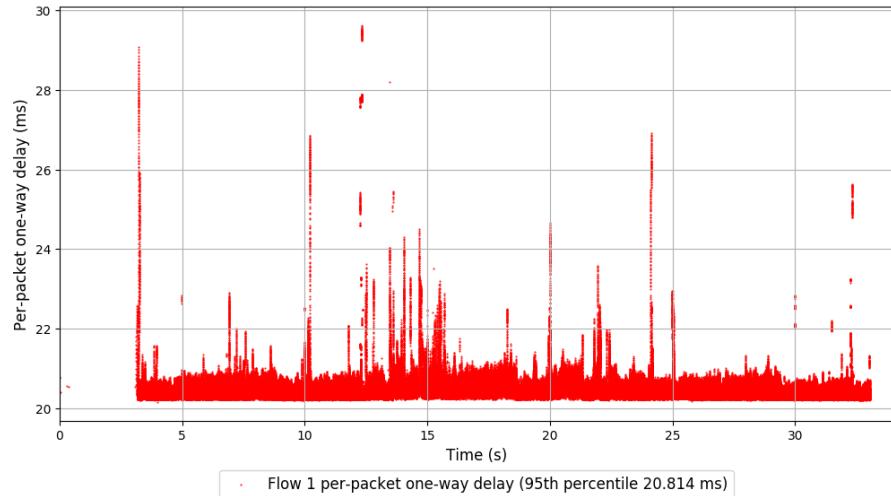
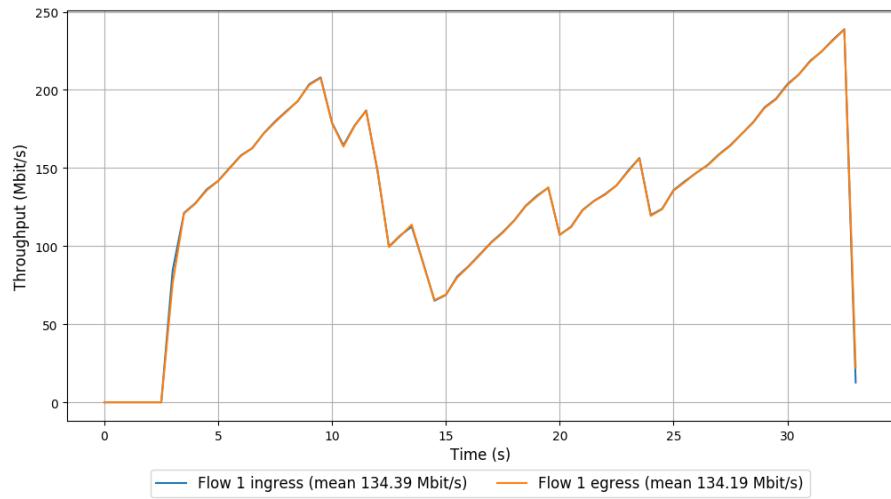


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 02:35:49 +0000
End at: Tue, 04 Jul 2017 02:36:19 +0000
Local clock offset: -1.065 ms
Remote clock offset: -2.542 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:56:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 134.19 Mbit/s
95th percentile per-packet one-way delay: 20.814 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 134.19 Mbit/s
95th percentile per-packet one-way delay: 20.814 ms
Loss rate: 0.15%
```

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

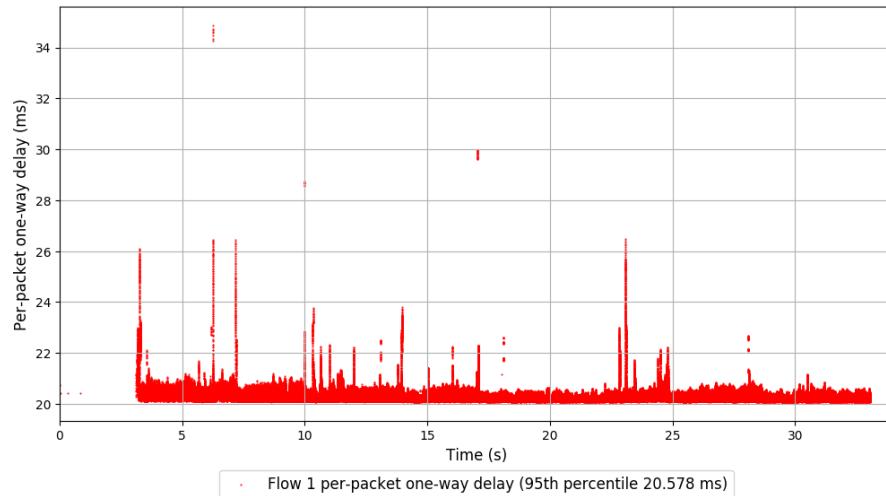
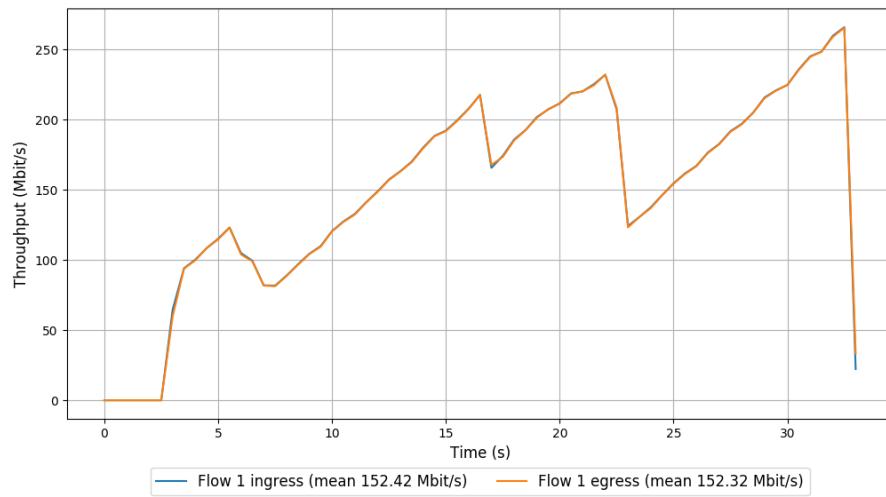


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 02:55:27 +0000
End at: Tue, 04 Jul 2017 02:55:57 +0000
Local clock offset: -0.996 ms
Remote clock offset: -2.318 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:56:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 152.32 Mbit/s
95th percentile per-packet one-way delay: 20.578 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 152.32 Mbit/s
95th percentile per-packet one-way delay: 20.578 ms
Loss rate: 0.09%
```

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

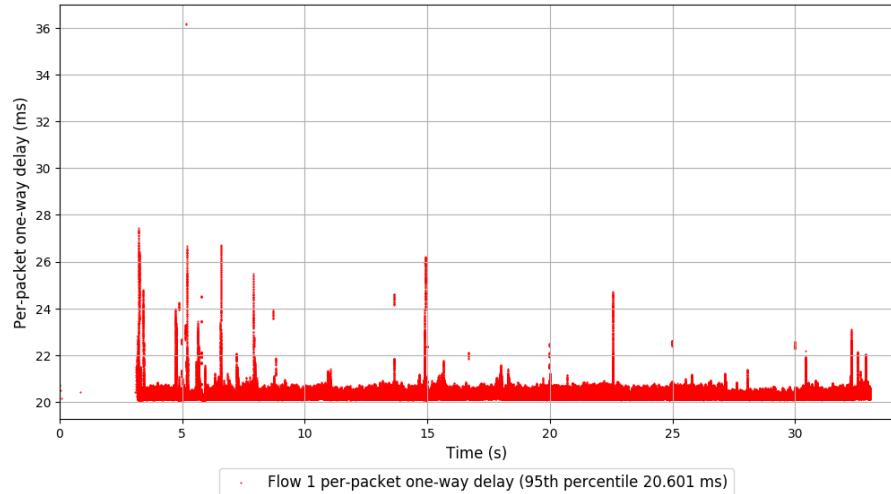
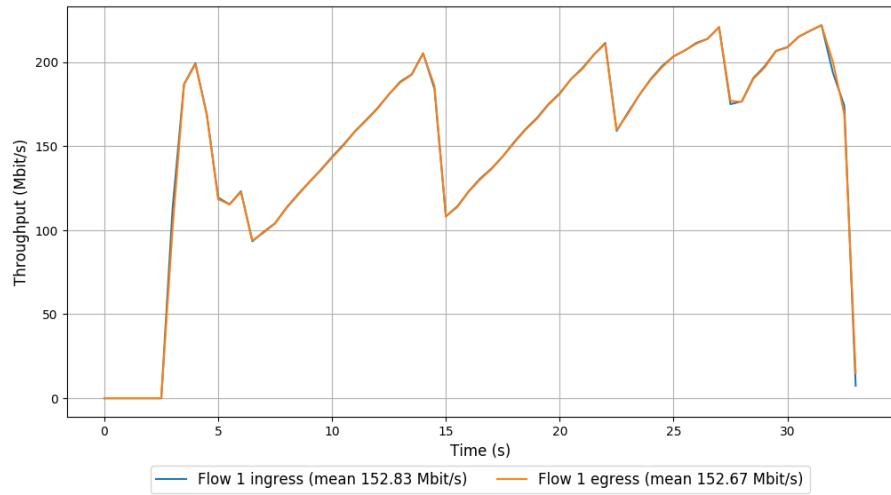


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 03:15:15 +0000
End at: Tue, 04 Jul 2017 03:15:45 +0000
Local clock offset: -0.556 ms
Remote clock offset: -1.997 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:56:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 152.67 Mbit/s
95th percentile per-packet one-way delay: 20.601 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 152.67 Mbit/s
95th percentile per-packet one-way delay: 20.601 ms
Loss rate: 0.14%
```

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



Run 7: Statistics of TCP Cubic

Start at: Tue, 04 Jul 2017 03:34:02 +0000

End at: Tue, 04 Jul 2017 03:34:32 +0000

Local clock offset: -0.203 ms

Remote clock offset: -1.921 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:56:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 117.78 Mbit/s

95th percentile per-packet one-way delay: 21.221 ms

Loss rate: 0.22%

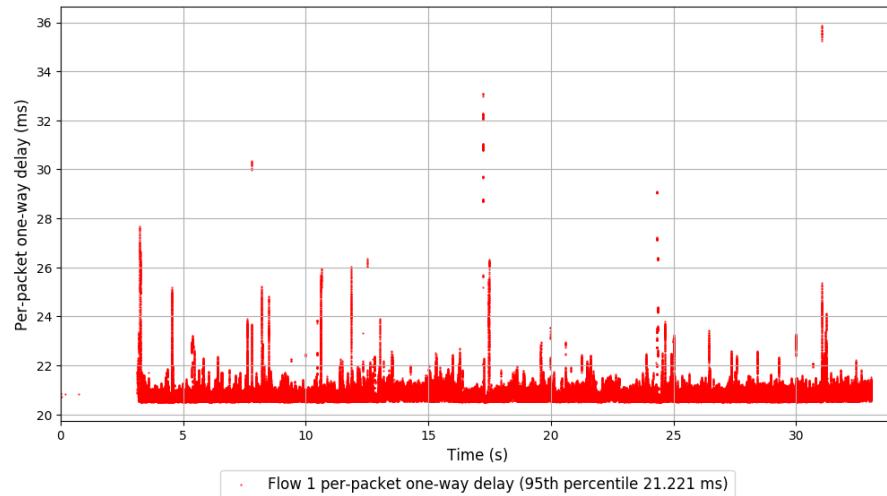
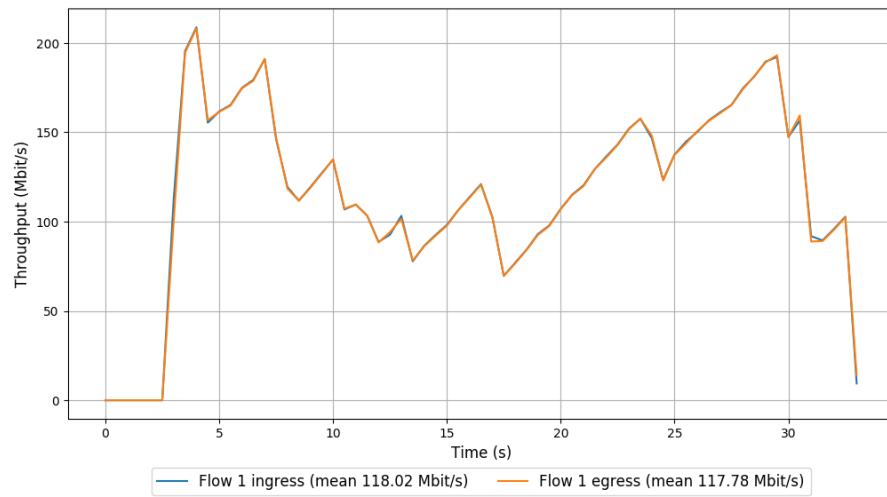
-- Flow 1:

Average throughput: 117.78 Mbit/s

95th percentile per-packet one-way delay: 21.221 ms

Loss rate: 0.22%

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

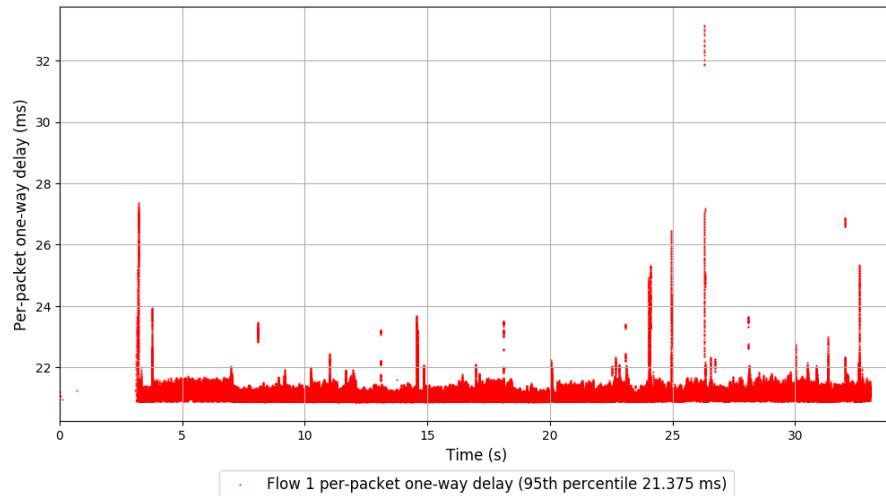
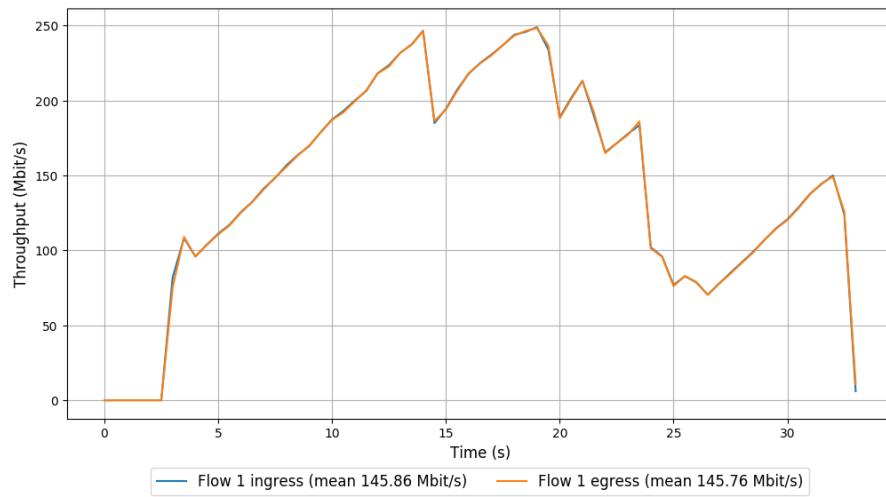


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 03:53:21 +0000
End at: Tue, 04 Jul 2017 03:53:51 +0000
Local clock offset: 0.281 ms
Remote clock offset: -1.967 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:56:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 145.76 Mbit/s
95th percentile per-packet one-way delay: 21.375 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 145.76 Mbit/s
95th percentile per-packet one-way delay: 21.375 ms
Loss rate: 0.07%
```

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

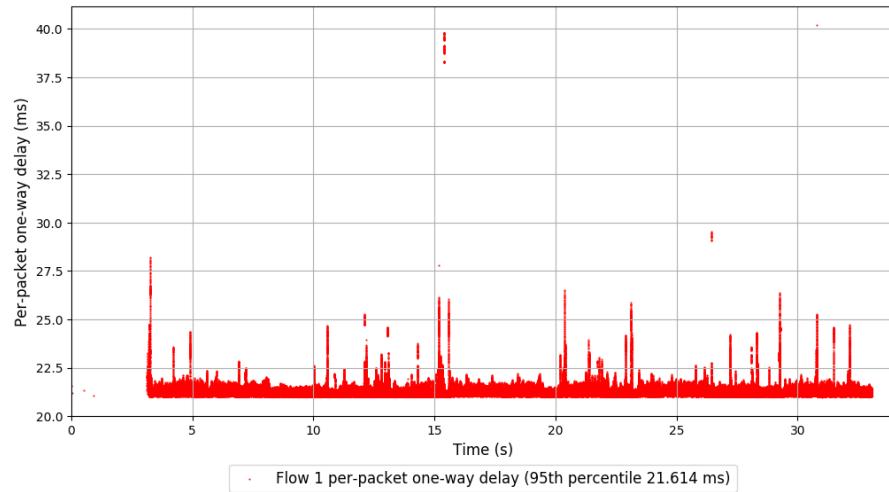
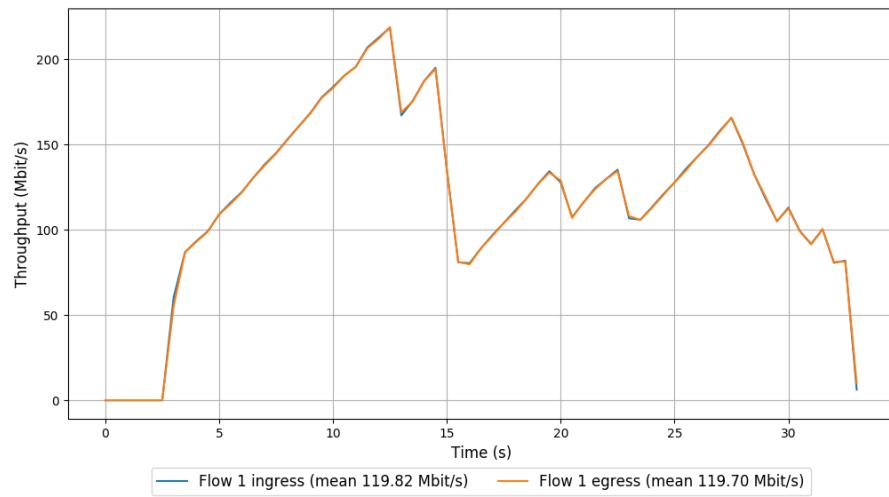


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 04:12:50 +0000
End at: Tue, 04 Jul 2017 04:13:20 +0000
Local clock offset: 0.703 ms
Remote clock offset: -1.7 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:56:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 119.70 Mbit/s
95th percentile per-packet one-way delay: 21.614 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 119.70 Mbit/s
95th percentile per-packet one-way delay: 21.614 ms
Loss rate: 0.13%
```

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



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

```
Start at: Tue, 04 Jul 2017 04:32:22 +0000
```

```
End at: Tue, 04 Jul 2017 04:32:52 +0000
```

```
Local clock offset: 0.984 ms
```

```
Remote clock offset: -1.199 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:09 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 128.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.456 ms
```

```
Loss rate: 0.12%
```

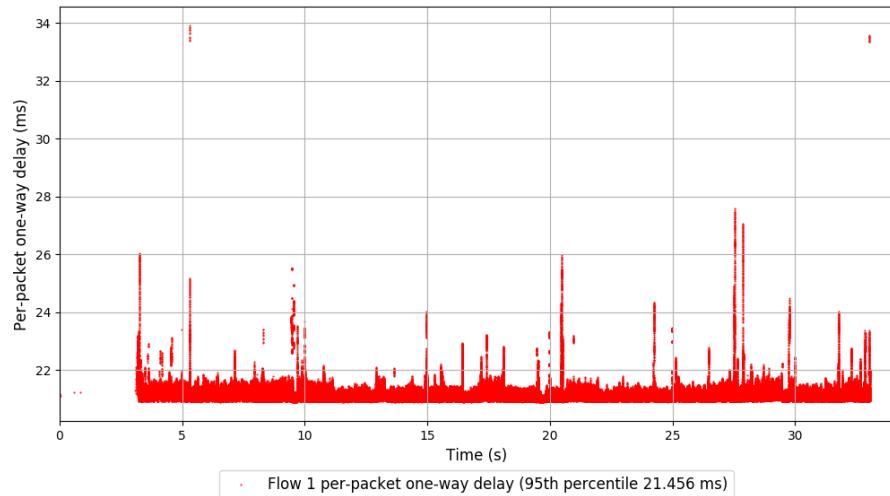
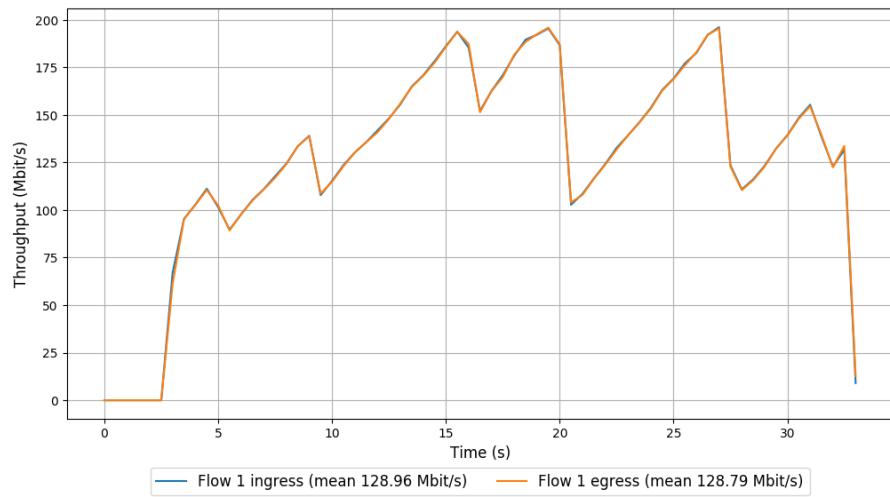
```
-- Flow 1:
```

```
Average throughput: 128.79 Mbit/s
```

```
95th percentile per-packet one-way delay: 21.456 ms
```

```
Loss rate: 0.12%
```

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



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

```
Start at: Tue, 04 Jul 2017 01:49:04 +0000
```

```
End at: Tue, 04 Jul 2017 01:49:34 +0000
```

```
Local clock offset: -0.976 ms
```

```
Remote clock offset: -2.247 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:09 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 53.69 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.780 ms
```

```
Loss rate: 0.00%
```

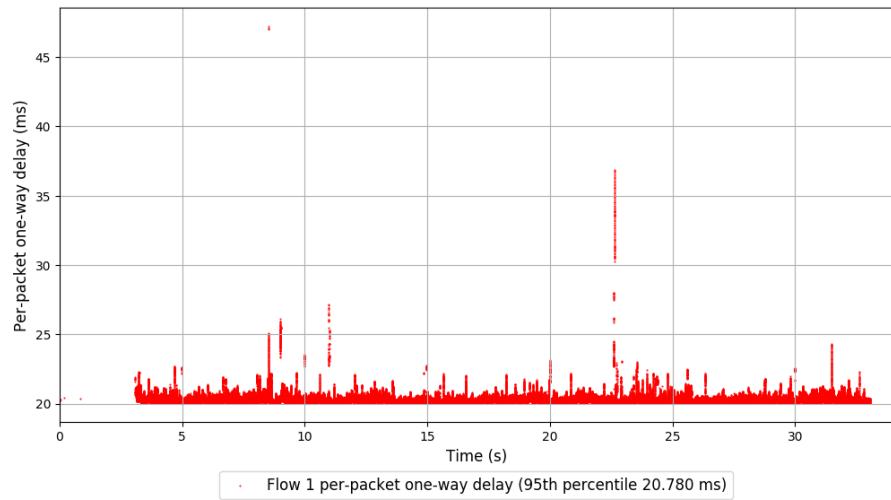
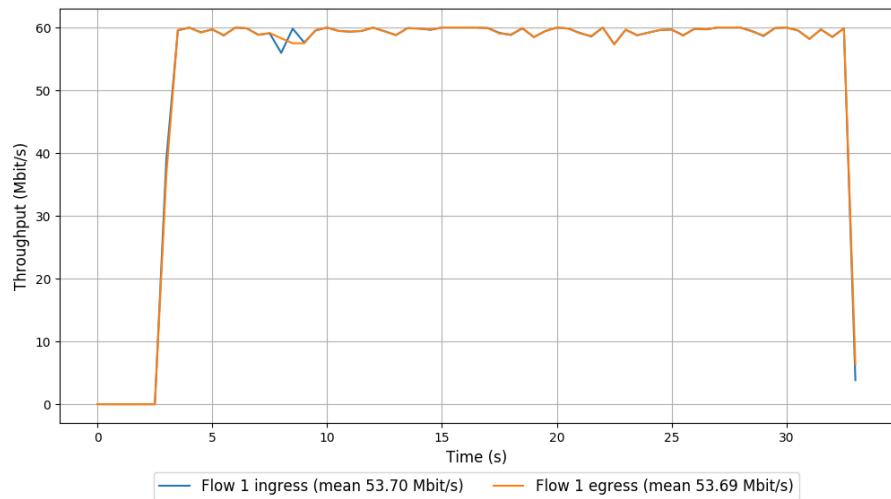
```
-- Flow 1:
```

```
Average throughput: 53.69 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.780 ms
```

```
Loss rate: 0.00%
```

## Run 1: Report of KohoCC — Data Link

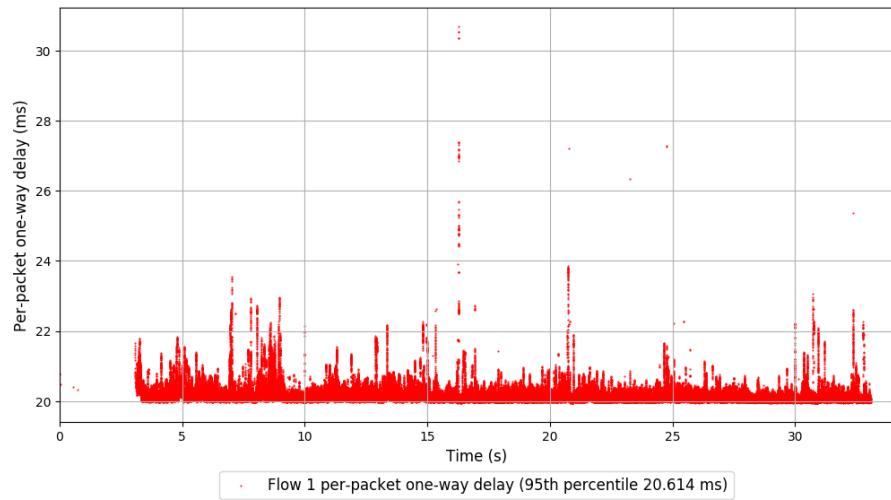
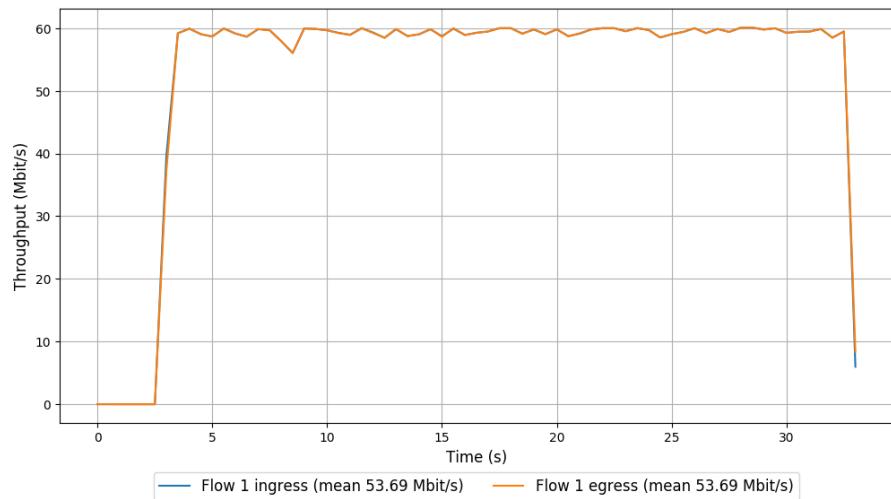


Run 2: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 02:08:56 +0000
End at: Tue, 04 Jul 2017 02:09:26 +0000
Local clock offset: -0.995 ms
Remote clock offset: -2.186 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.69 Mbit/s
95th percentile per-packet one-way delay: 20.614 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.69 Mbit/s
95th percentile per-packet one-way delay: 20.614 ms
Loss rate: 0.00%
```

## Run 2: Report of KohoCC — Data Link

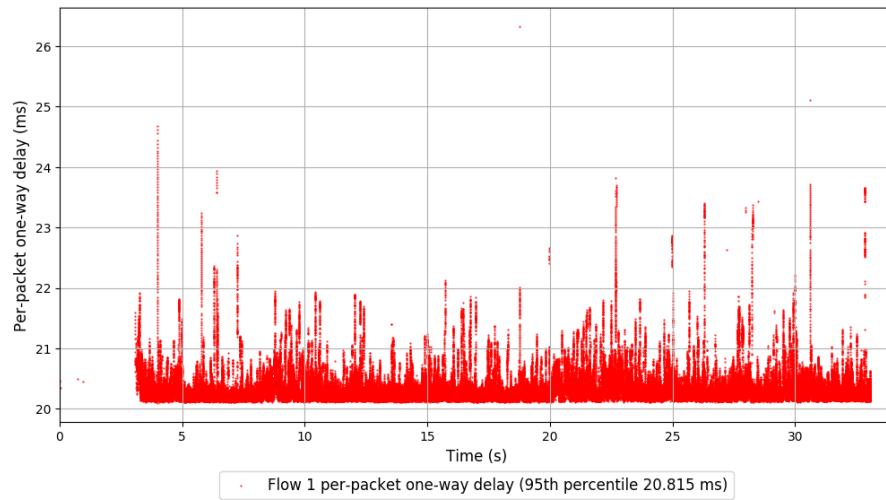
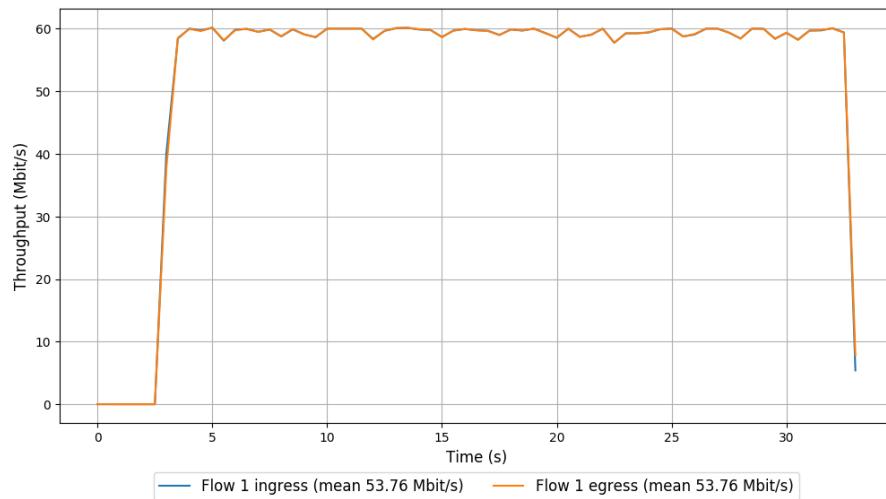


Run 3: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 02:28:17 +0000
End at: Tue, 04 Jul 2017 02:28:47 +0000
Local clock offset: -1.079 ms
Remote clock offset: -2.4 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.76 Mbit/s
95th percentile per-packet one-way delay: 20.815 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.76 Mbit/s
95th percentile per-packet one-way delay: 20.815 ms
Loss rate: 0.00%
```

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

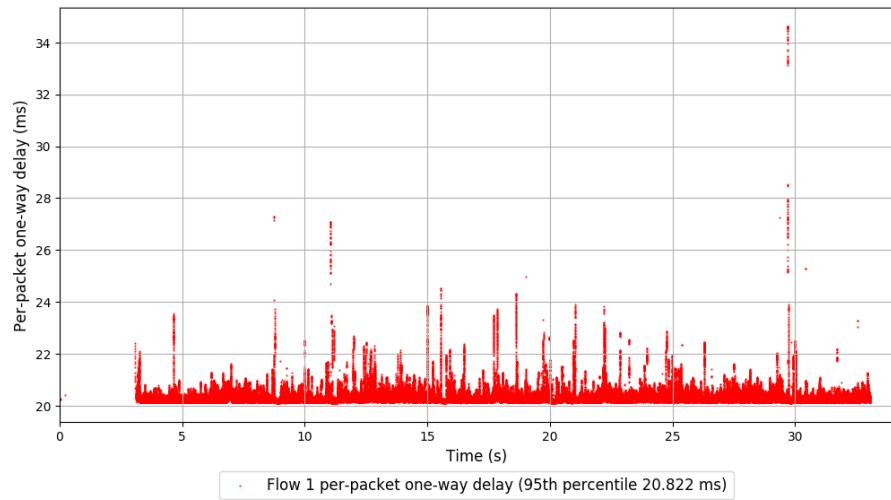
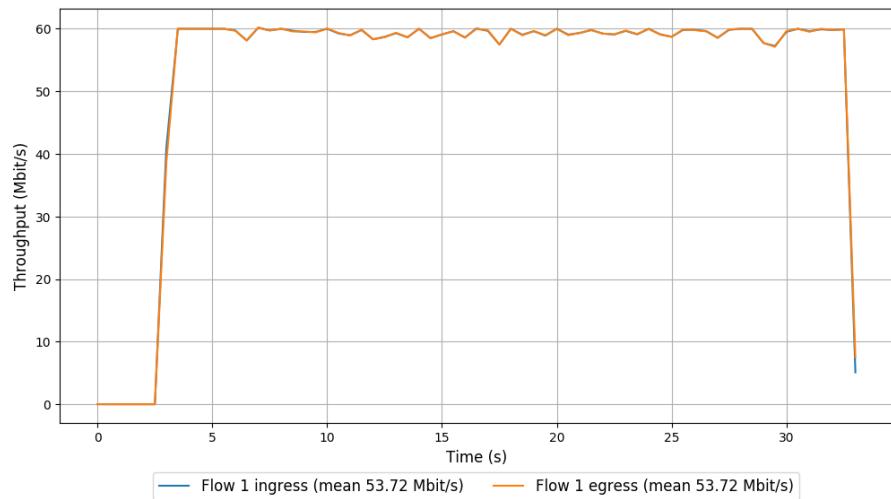


Run 4: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 02:47:52 +0000
End at: Tue, 04 Jul 2017 02:48:22 +0000
Local clock offset: -0.895 ms
Remote clock offset: -2.379 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 20.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 20.822 ms
Loss rate: 0.00%
```

## Run 4: Report of KohoCC — Data Link

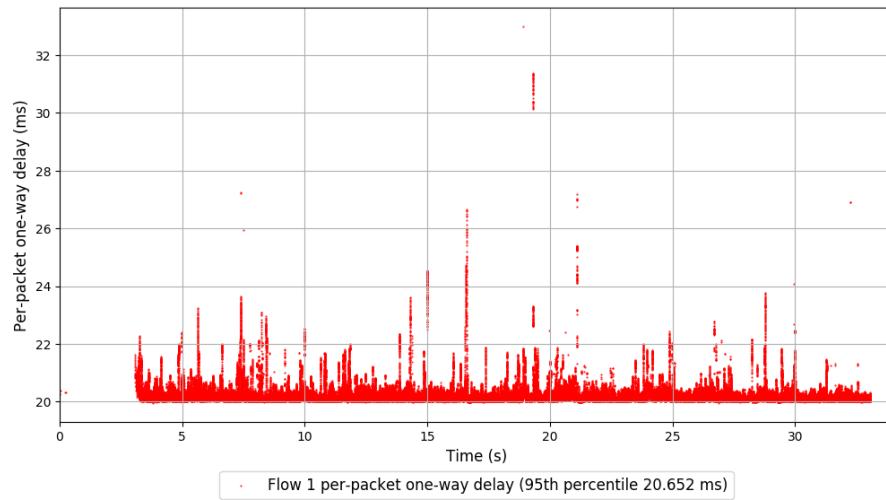
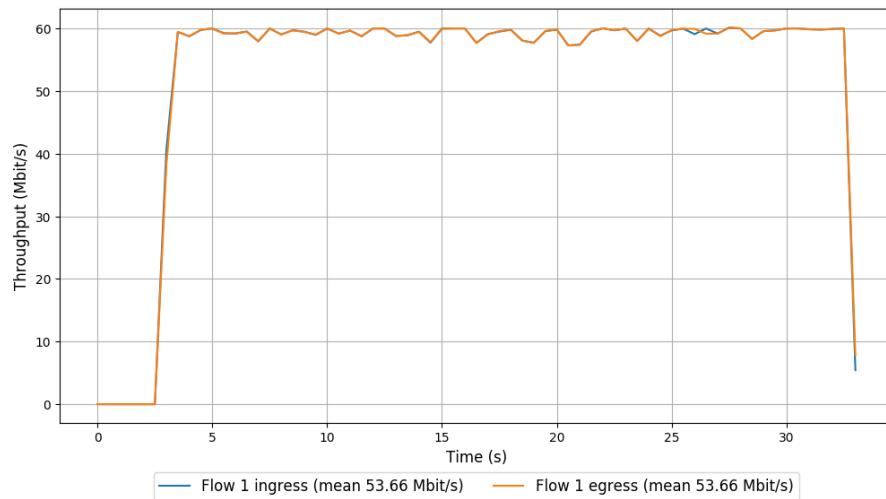


Run 5: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 03:07:43 +0000
End at: Tue, 04 Jul 2017 03:08:13 +0000
Local clock offset: -0.687 ms
Remote clock offset: -1.999 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 20.652 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 20.652 ms
Loss rate: 0.00%
```

## Run 5: Report of KohoCC — Data Link

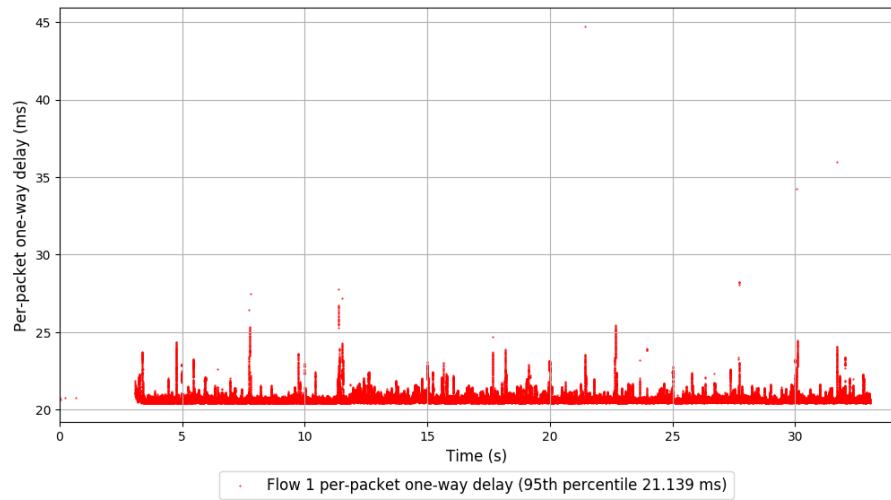
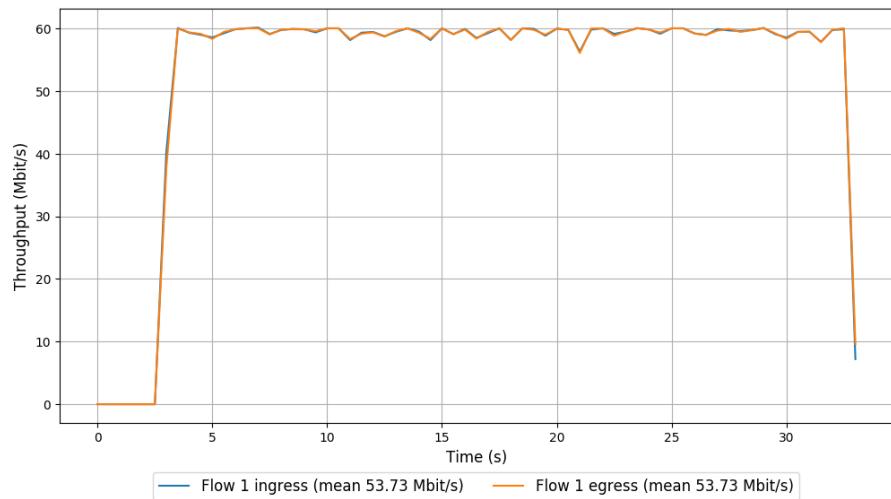


Run 6: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 03:26:51 +0000
End at: Tue, 04 Jul 2017 03:27:21 +0000
Local clock offset: -0.349 ms
Remote clock offset: -2.112 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 21.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 21.139 ms
Loss rate: 0.00%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 04 Jul 2017 03:45:51 +0000

End at: Tue, 04 Jul 2017 03:46:21 +0000

Local clock offset: 0.06 ms

Remote clock offset: -1.946 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.84 Mbit/s

95th percentile per-packet one-way delay: 21.389 ms

Loss rate: 0.00%

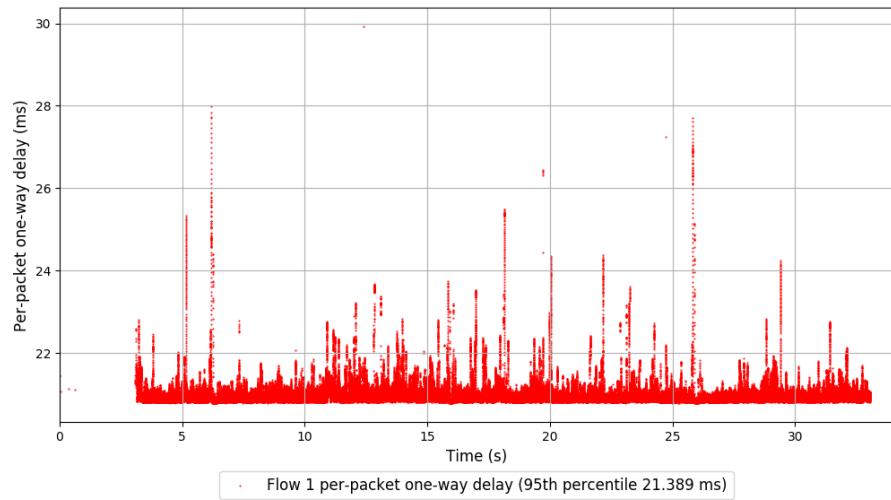
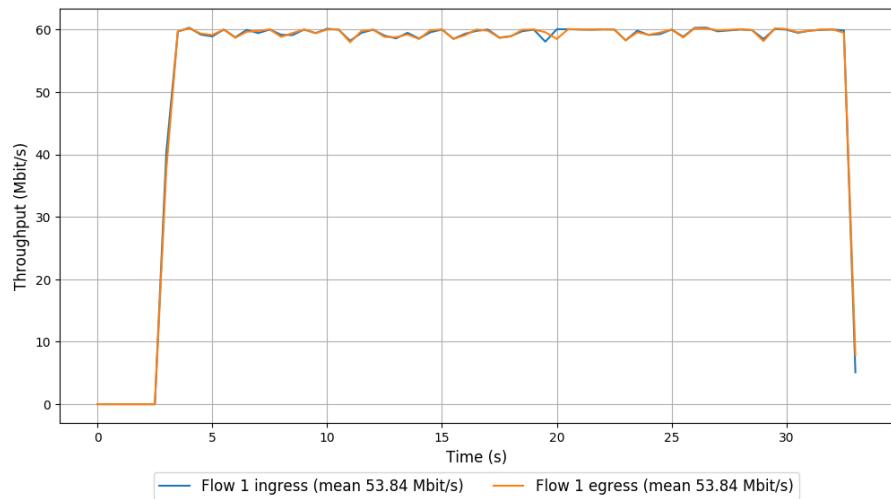
-- Flow 1:

Average throughput: 53.84 Mbit/s

95th percentile per-packet one-way delay: 21.389 ms

Loss rate: 0.00%

## Run 7: Report of KohoCC — Data Link

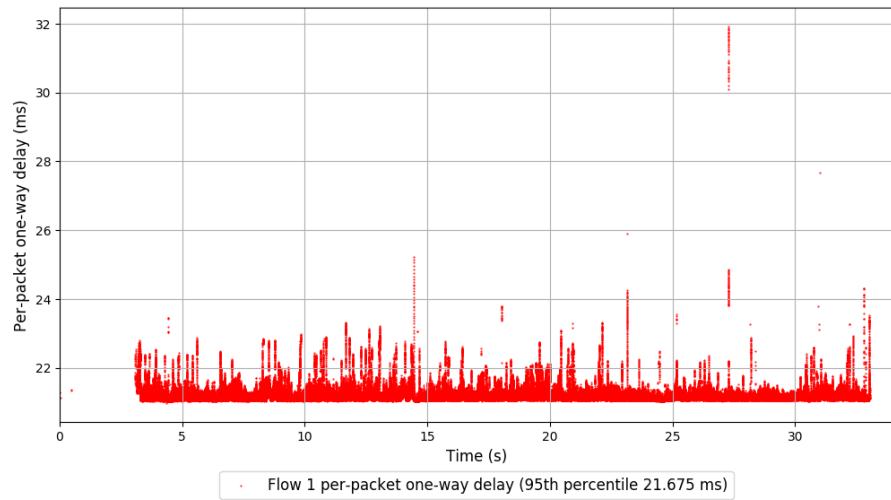
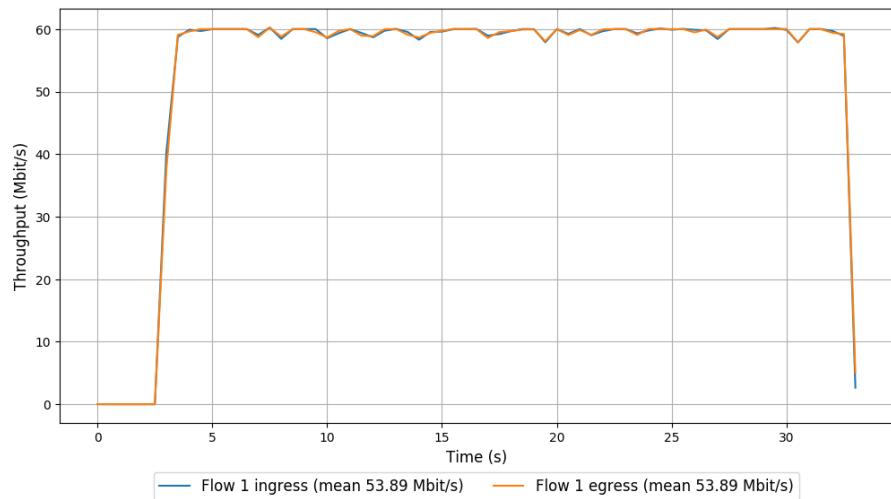


Run 8: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 04:05:12 +0000
End at: Tue, 04 Jul 2017 04:05:42 +0000
Local clock offset: 0.45 ms
Remote clock offset: -1.764 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.89 Mbit/s
95th percentile per-packet one-way delay: 21.675 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.89 Mbit/s
95th percentile per-packet one-way delay: 21.675 ms
Loss rate: 0.00%
```

## Run 8: Report of KohoCC — Data Link

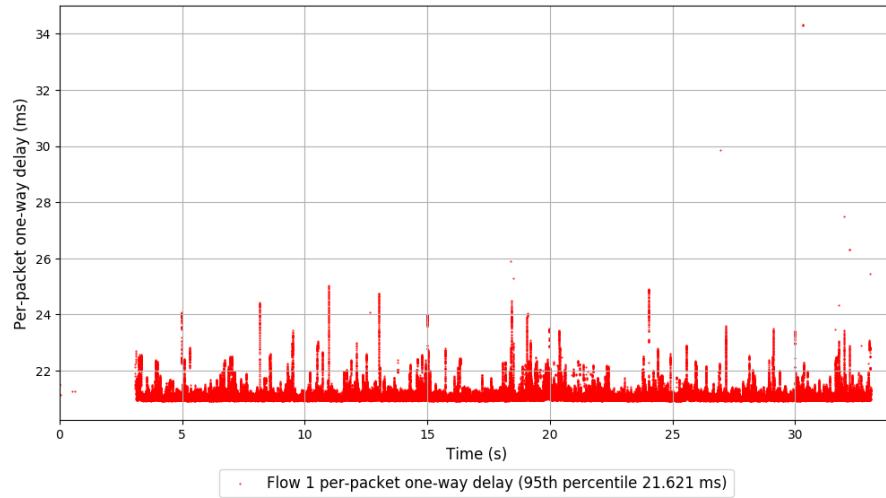
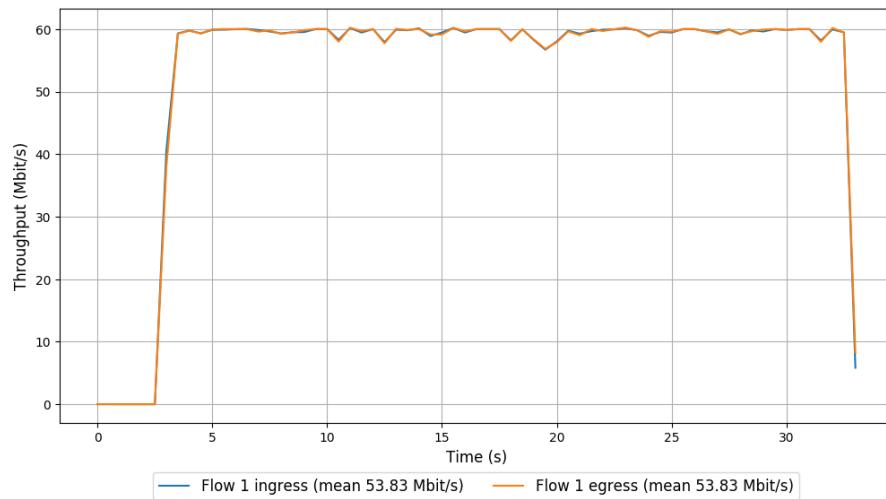


Run 9: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 04:24:44 +0000
End at: Tue, 04 Jul 2017 04:25:14 +0000
Local clock offset: 0.831 ms
Remote clock offset: -1.328 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.83 Mbit/s
95th percentile per-packet one-way delay: 21.621 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.83 Mbit/s
95th percentile per-packet one-way delay: 21.621 ms
Loss rate: 0.00%
```

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

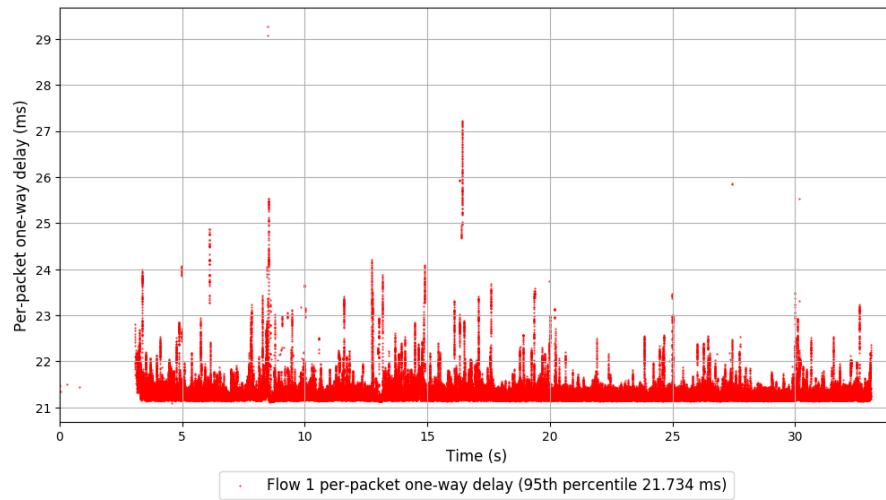
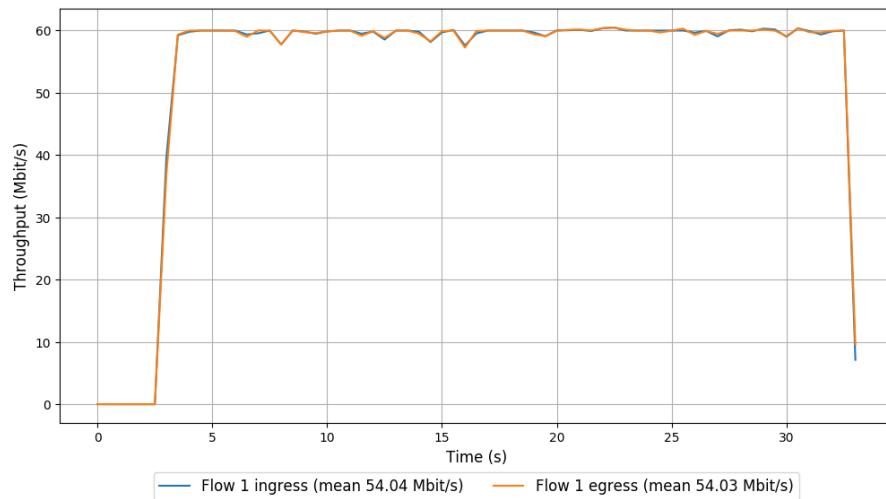


Run 10: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 04:44:23 +0000
End at: Tue, 04 Jul 2017 04:44:53 +0000
Local clock offset: 1.057 ms
Remote clock offset: -1.373 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 21.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 21.734 ms
Loss rate: 0.00%
```

## Run 10: Report of KohoCC — Data Link

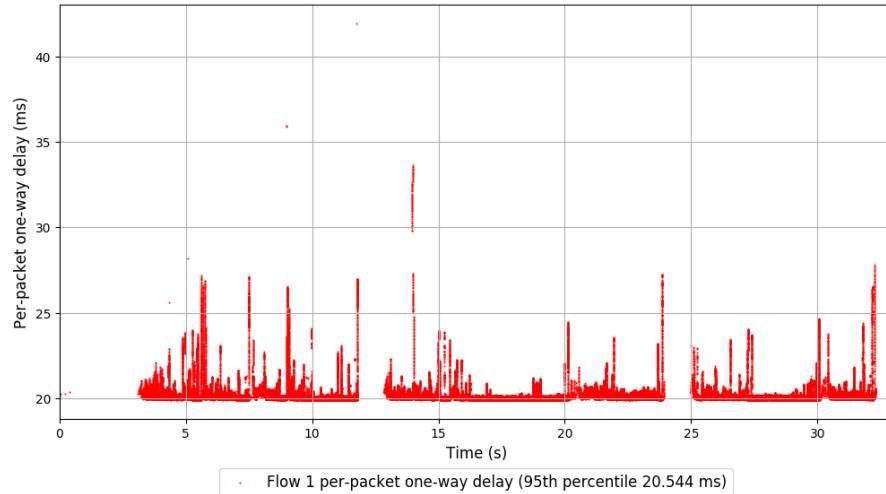
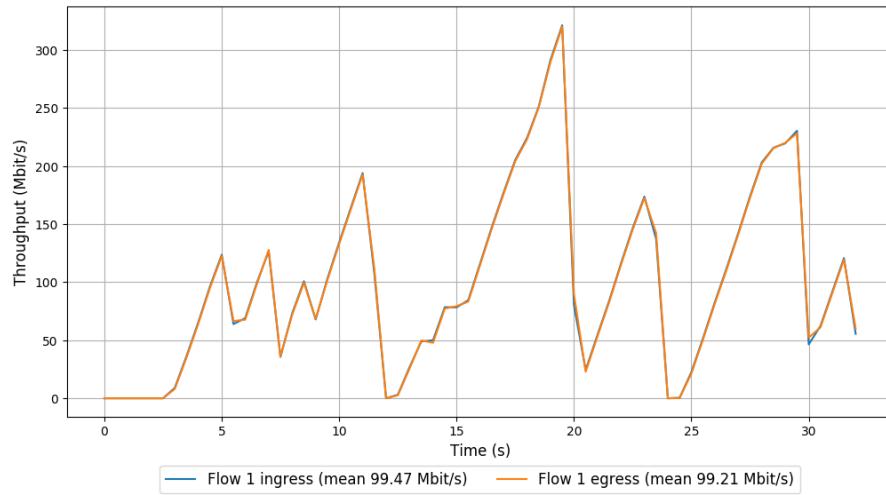


```
Run 1: Statistics of LEDBAT
```

```
Start at: Tue, 04 Jul 2017 01:38:01 +0000
End at: Tue, 04 Jul 2017 01:38:31 +0000
Local clock offset: -1.051 ms
Remote clock offset: -2.222 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 99.21 Mbit/s
95th percentile per-packet one-way delay: 20.544 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 99.21 Mbit/s
95th percentile per-packet one-way delay: 20.544 ms
Loss rate: 0.26%
```

## Run 1: Report of LEDBAT — Data Link

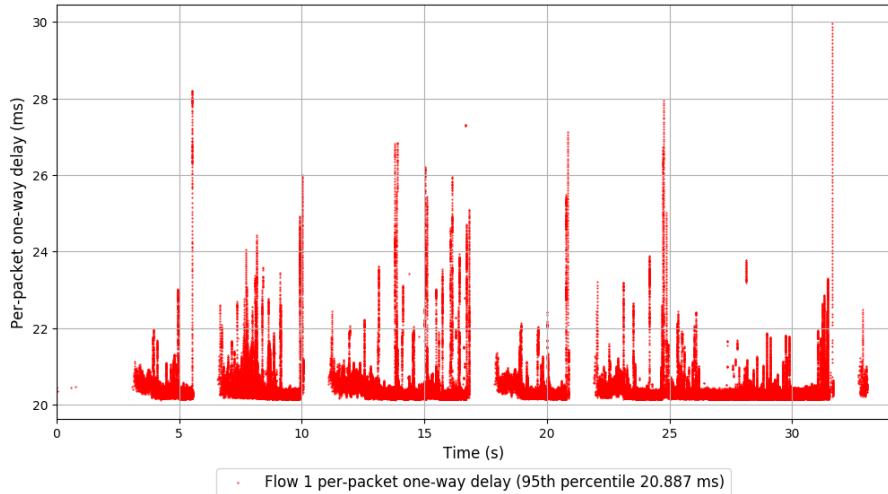
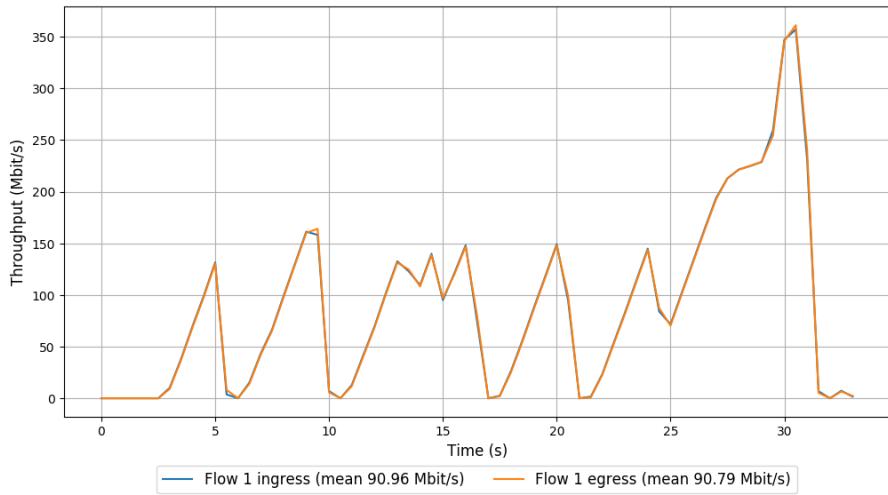


Run 2: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 01:57:57 +0000
End at: Tue, 04 Jul 2017 01:58:27 +0000
Local clock offset: -0.877 ms
Remote clock offset: -2.347 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:57:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 20.887 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 20.887 ms
Loss rate: 0.19%
```

## Run 2: Report of LEDBAT — Data Link

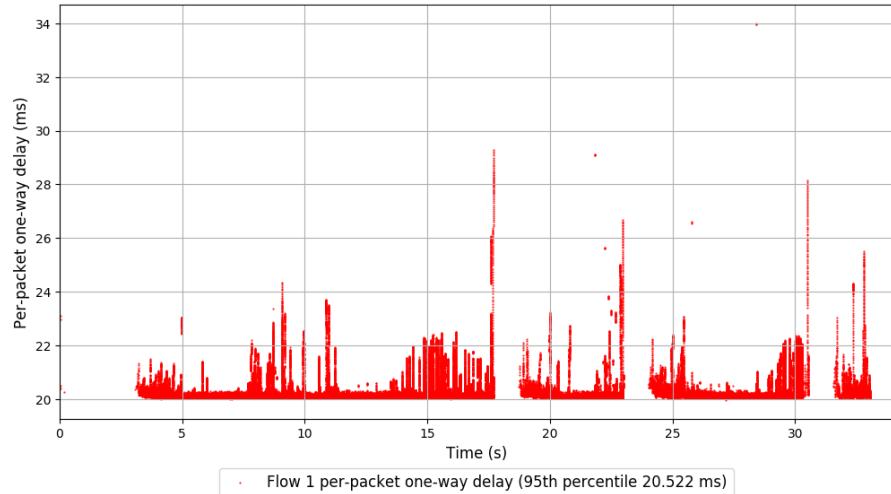
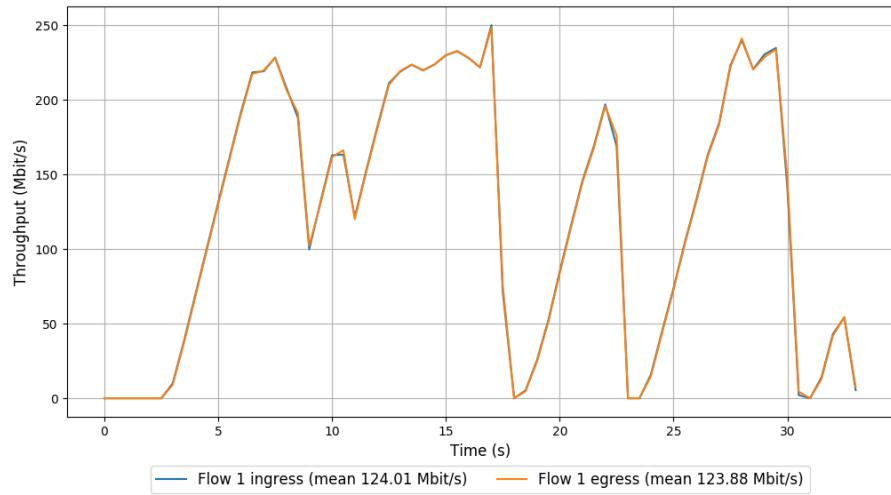


Run 3: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 02:17:41 +0000
End at: Tue, 04 Jul 2017 02:18:11 +0000
Local clock offset: -0.952 ms
Remote clock offset: -2.351 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:58:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 123.88 Mbit/s
95th percentile per-packet one-way delay: 20.522 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 123.88 Mbit/s
95th percentile per-packet one-way delay: 20.522 ms
Loss rate: 0.12%
```

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

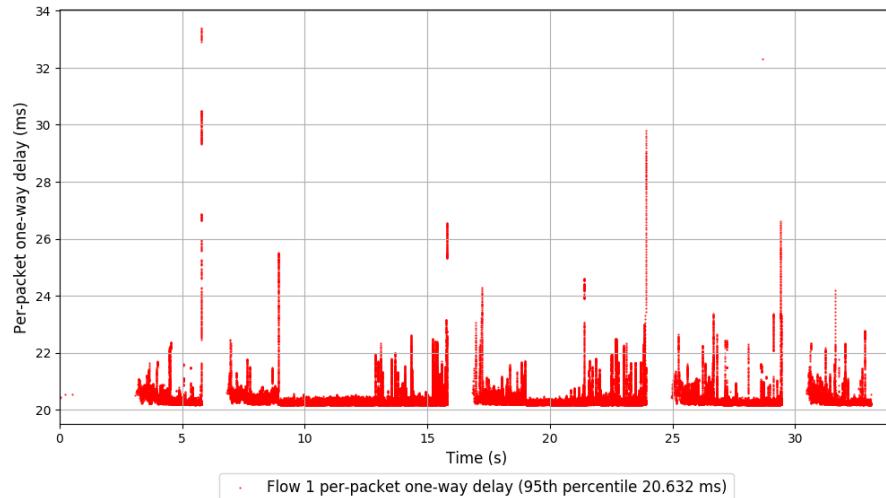
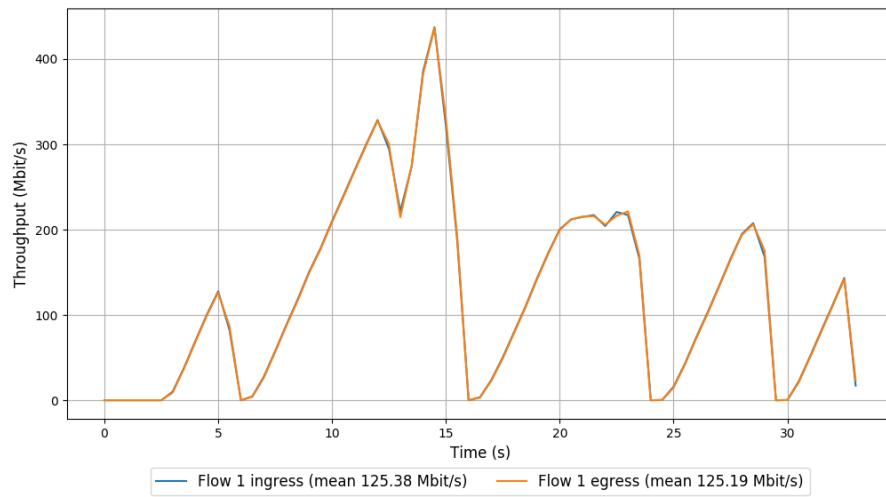


Run 4: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 02:37:06 +0000
End at: Tue, 04 Jul 2017 02:37:36 +0000
Local clock offset: -0.95 ms
Remote clock offset: -2.523 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:58:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 125.19 Mbit/s
95th percentile per-packet one-way delay: 20.632 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 125.19 Mbit/s
95th percentile per-packet one-way delay: 20.632 ms
Loss rate: 0.15%
```

## Run 4: Report of LEDBAT — Data Link

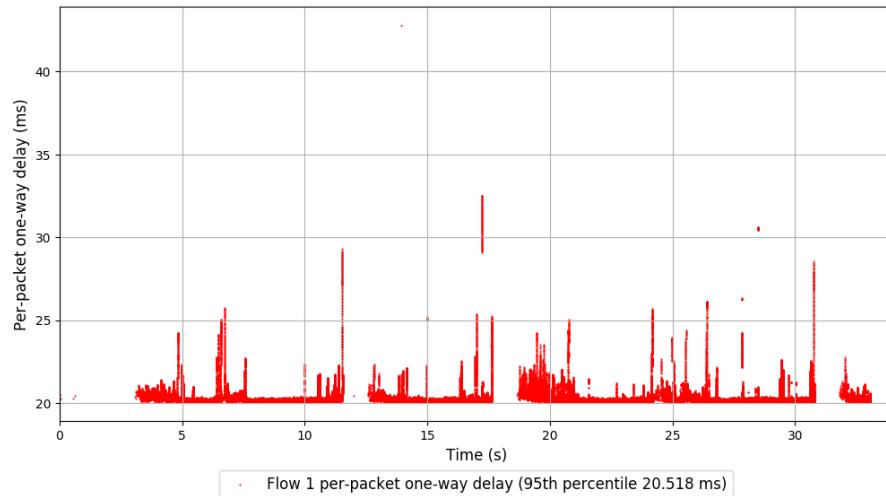
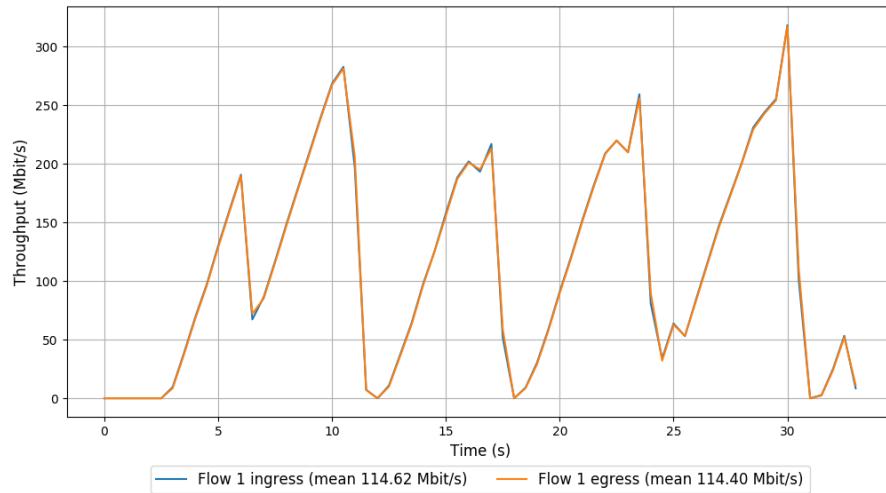


Run 5: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 02:56:45 +0000
End at: Tue, 04 Jul 2017 02:57:15 +0000
Local clock offset: -1.003 ms
Remote clock offset: -2.272 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:58:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 114.40 Mbit/s
95th percentile per-packet one-way delay: 20.518 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 114.40 Mbit/s
95th percentile per-packet one-way delay: 20.518 ms
Loss rate: 0.20%
```

## Run 5: Report of LEDBAT — Data Link

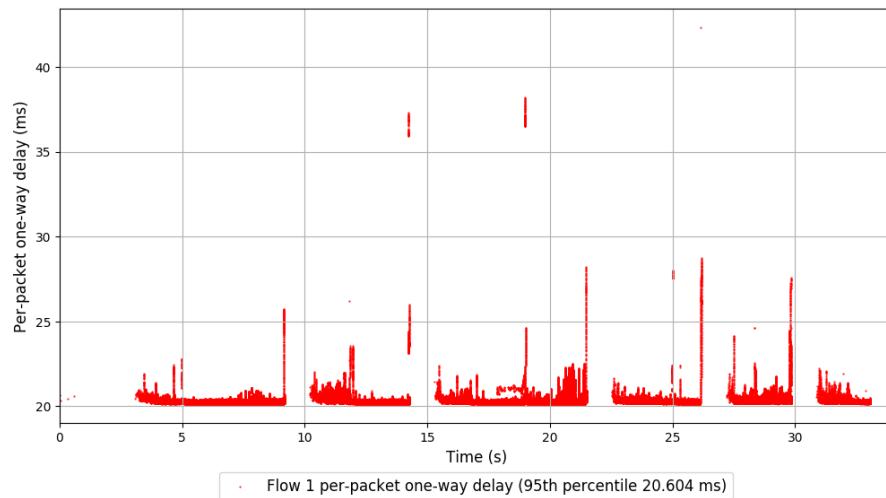
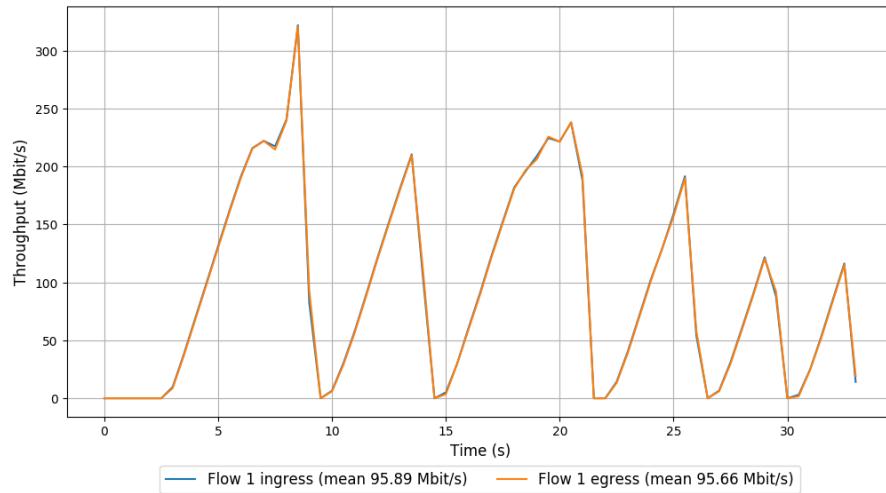


Run 6: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 03:16:33 +0000
End at: Tue, 04 Jul 2017 03:17:03 +0000
Local clock offset: -0.601 ms
Remote clock offset: -2.026 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:58:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 20.604 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 20.604 ms
Loss rate: 0.24%
```

## Run 6: Report of LEDBAT — Data Link

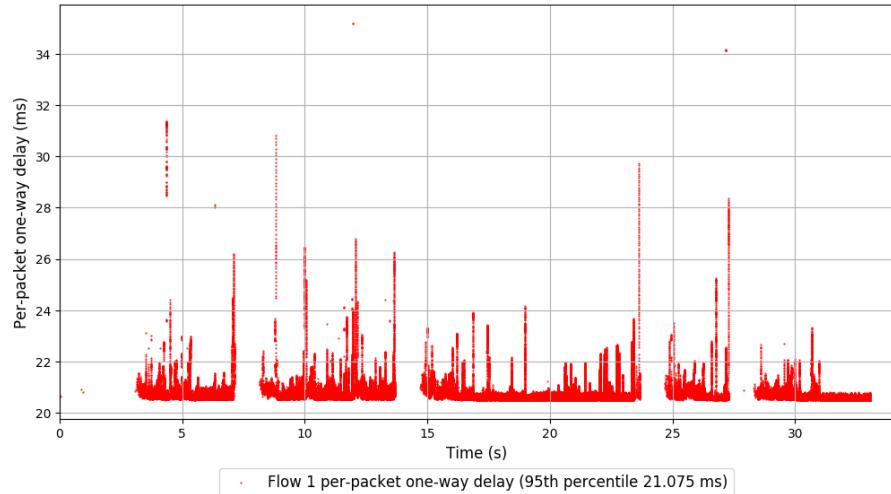
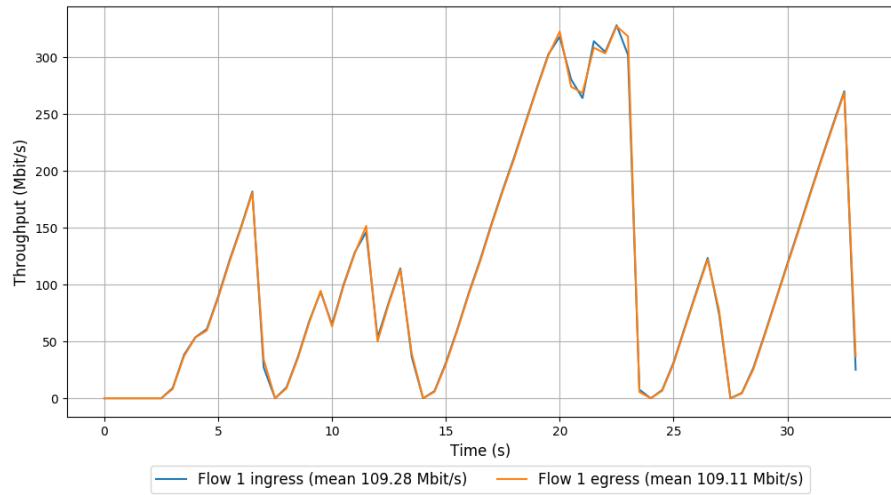


Run 7: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 03:35:18 +0000
End at: Tue, 04 Jul 2017 03:35:48 +0000
Local clock offset: -0.138 ms
Remote clock offset: -1.911 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:58:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.11 Mbit/s
95th percentile per-packet one-way delay: 21.075 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 109.11 Mbit/s
95th percentile per-packet one-way delay: 21.075 ms
Loss rate: 0.16%
```

## Run 7: Report of LEDBAT — Data Link

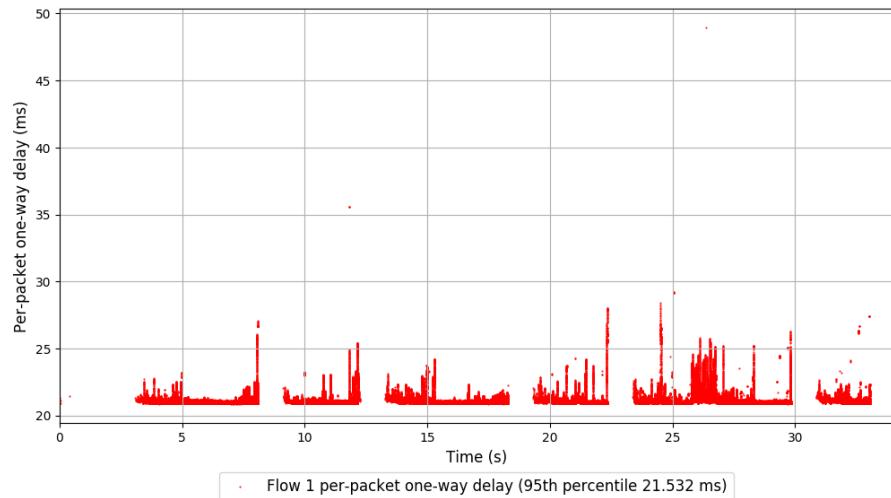
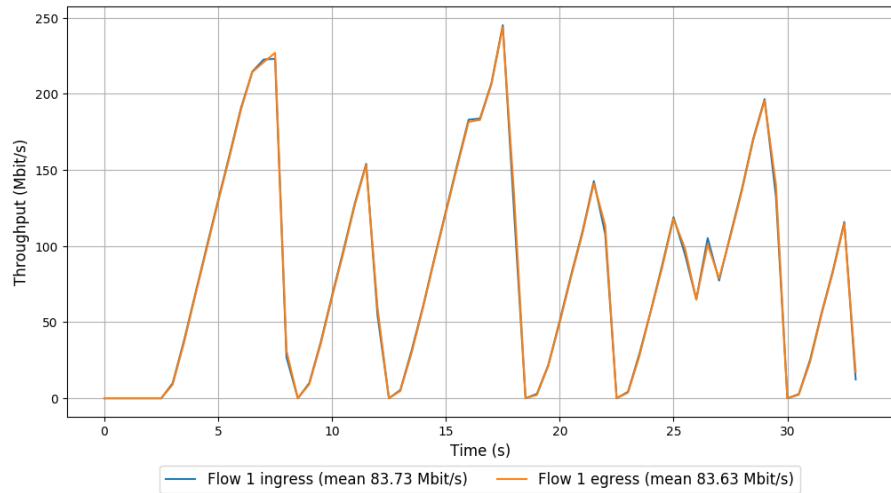


Run 8: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 03:54:38 +0000
End at: Tue, 04 Jul 2017 03:55:08 +0000
Local clock offset: 0.246 ms
Remote clock offset: -1.935 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:58:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.63 Mbit/s
95th percentile per-packet one-way delay: 21.532 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 83.63 Mbit/s
95th percentile per-packet one-way delay: 21.532 ms
Loss rate: 0.12%
```

## Run 8: Report of LEDBAT — Data Link

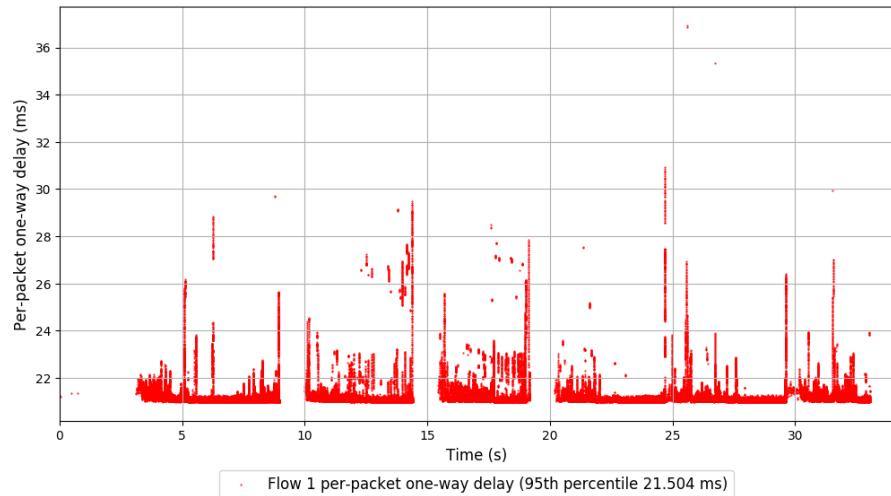
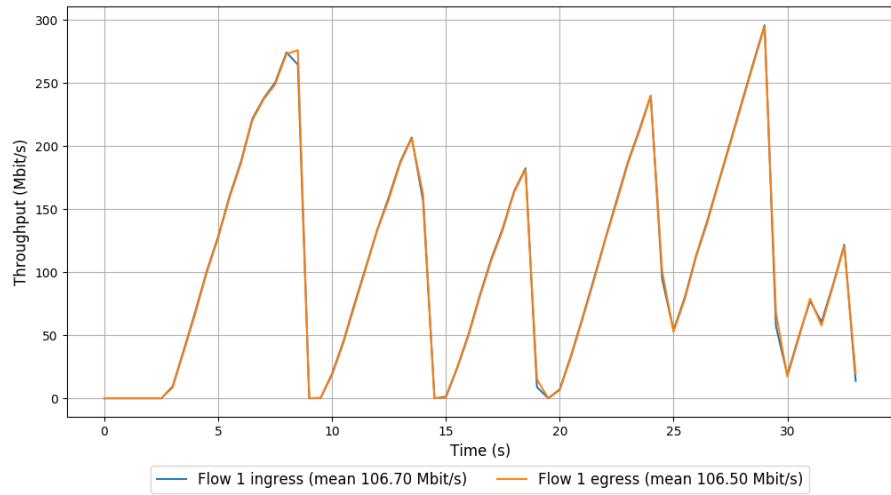


Run 9: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 04:14:06 +0000
End at: Tue, 04 Jul 2017 04:14:36 +0000
Local clock offset: 0.723 ms
Remote clock offset: -1.67 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:59:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.50 Mbit/s
95th percentile per-packet one-way delay: 21.504 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 106.50 Mbit/s
95th percentile per-packet one-way delay: 21.504 ms
Loss rate: 0.19%
```

## Run 9: Report of LEDBAT — Data Link

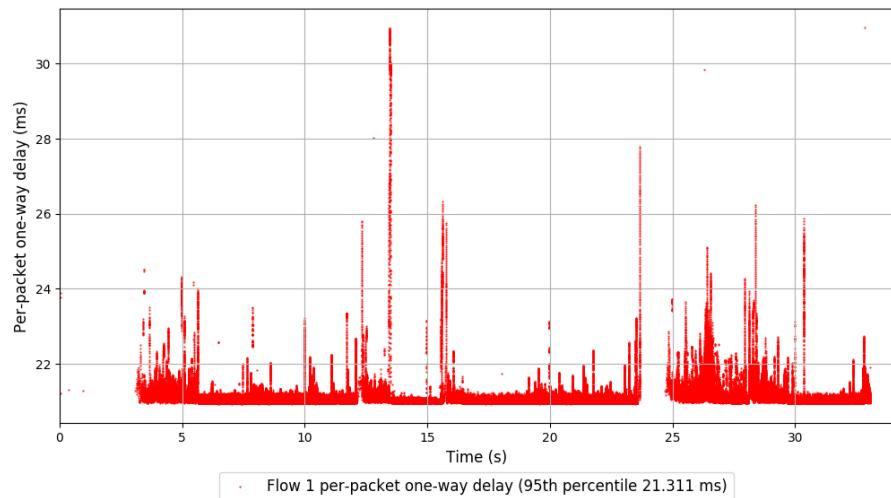
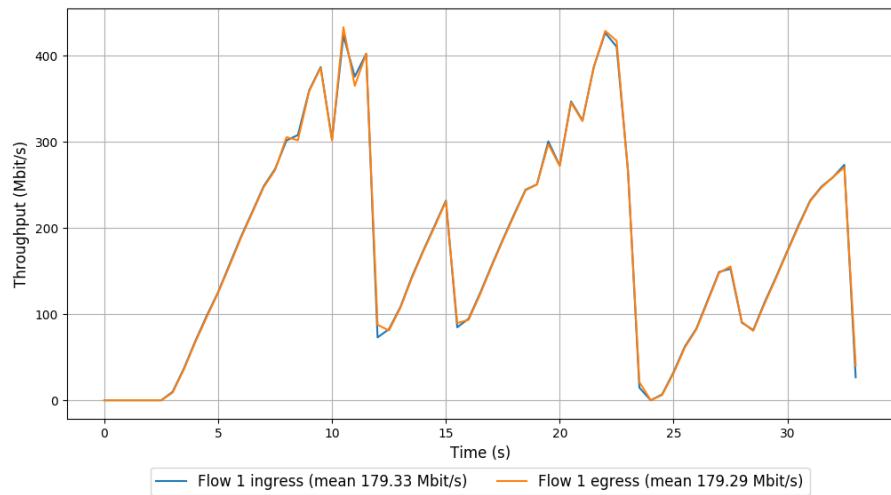


Run 10: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 04:33:38 +0000
End at: Tue, 04 Jul 2017 04:34:08 +0000
Local clock offset: 0.912 ms
Remote clock offset: -1.229 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 09:59:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 179.29 Mbit/s
95th percentile per-packet one-way delay: 21.311 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 179.29 Mbit/s
95th percentile per-packet one-way delay: 21.311 ms
Loss rate: 0.05%
```

## Run 10: Report of LEDBAT — Data Link

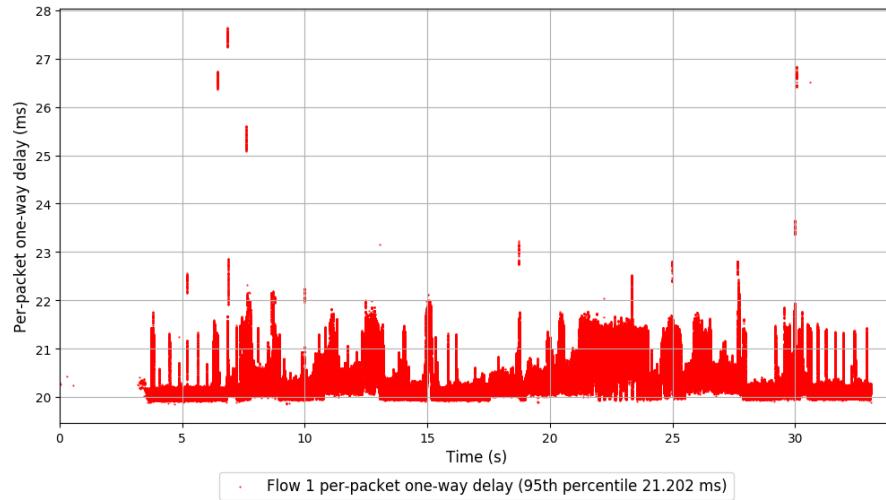
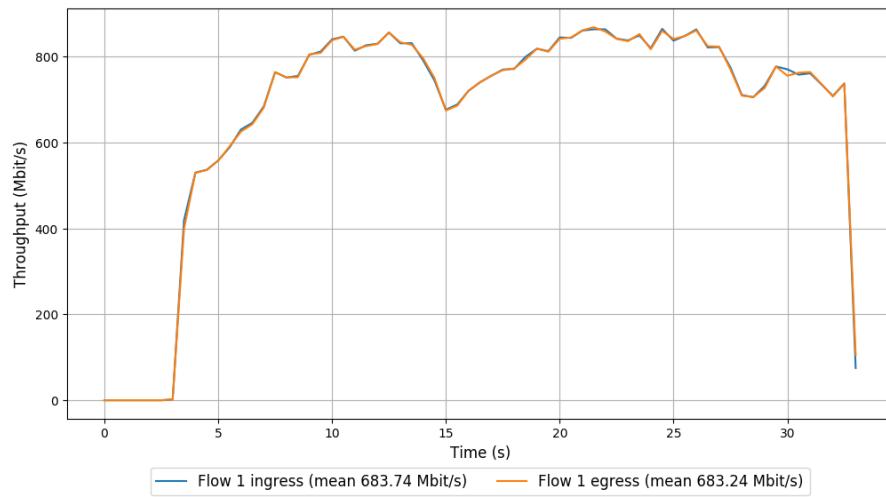


Run 1: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 01:39:18 +0000
End at: Tue, 04 Jul 2017 01:39:48 +0000
Local clock offset: -1.024 ms
Remote clock offset: -2.226 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:00:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 683.24 Mbit/s
95th percentile per-packet one-way delay: 21.202 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 683.24 Mbit/s
95th percentile per-packet one-way delay: 21.202 ms
Loss rate: 0.07%
```

### Run 1: Report of PCC — Data Link

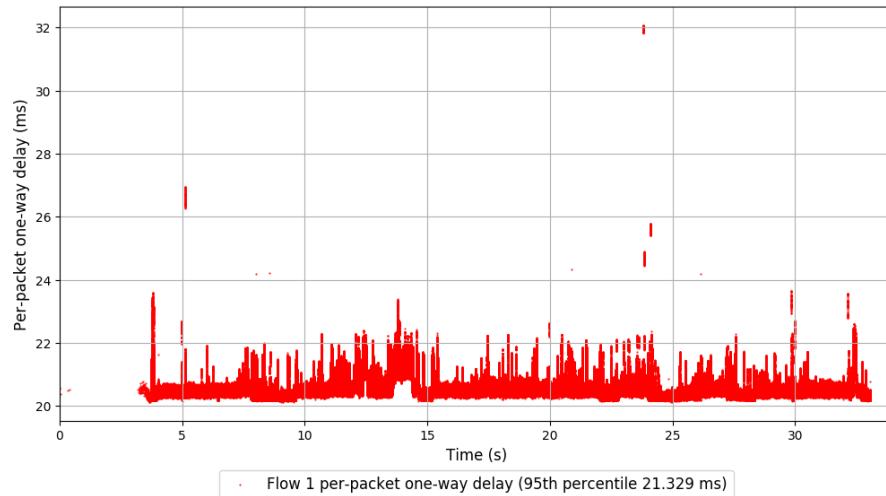
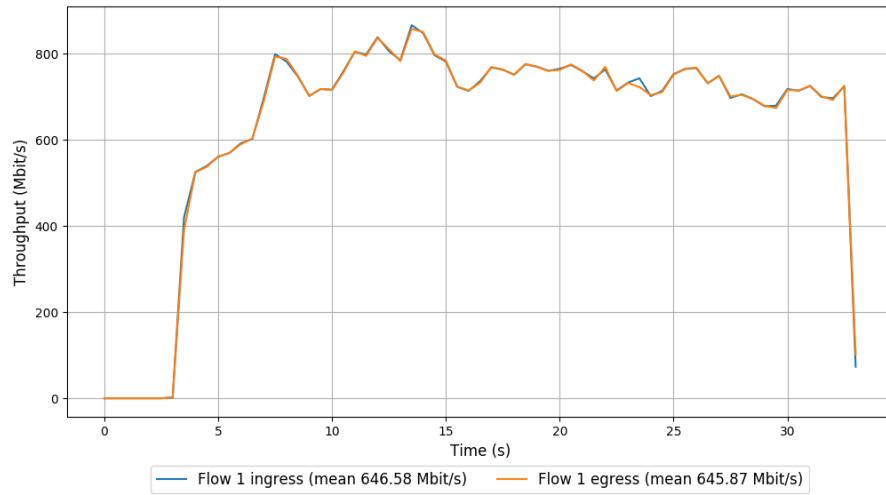


Run 2: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 01:59:13 +0000
End at: Tue, 04 Jul 2017 01:59:43 +0000
Local clock offset: -0.946 ms
Remote clock offset: -2.362 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:00:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 645.87 Mbit/s
95th percentile per-packet one-way delay: 21.329 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 645.87 Mbit/s
95th percentile per-packet one-way delay: 21.329 ms
Loss rate: 0.11%
```

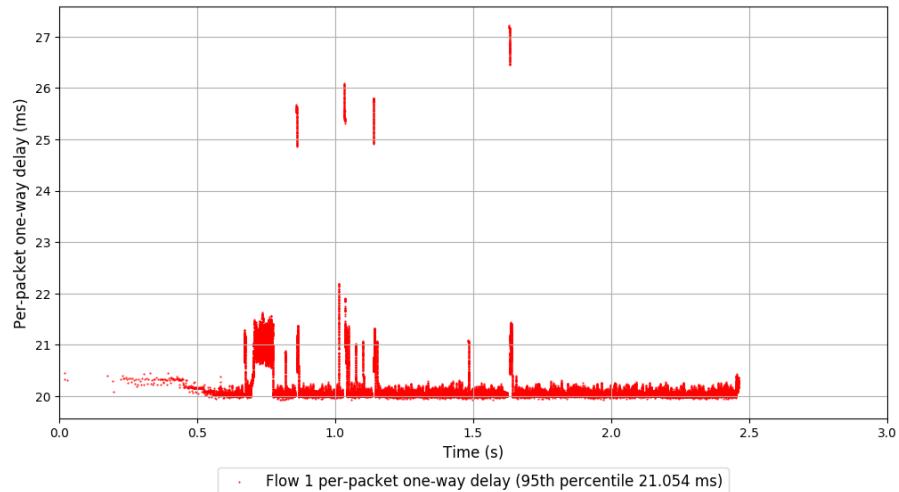
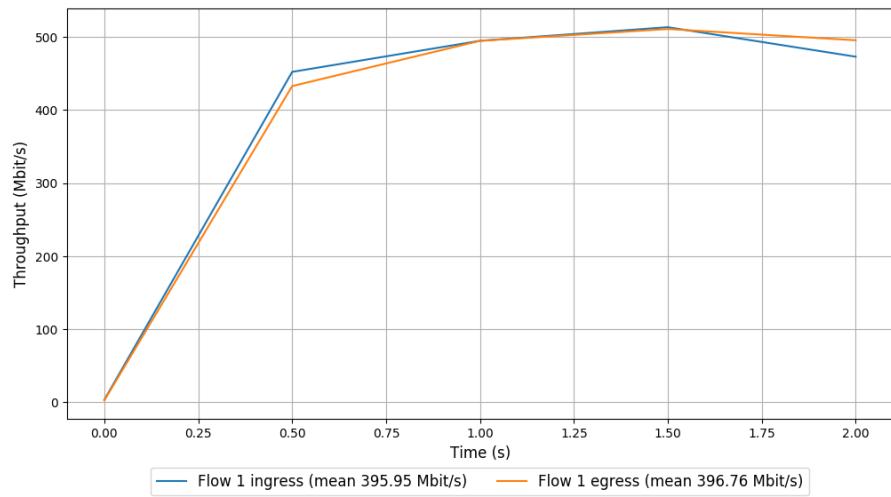
## Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Tue, 04 Jul 2017 02:18:59 +0000  
End at: Tue, 04 Jul 2017 02:19:29 +0000  
Local clock offset: -0.967 ms  
Remote clock offset: -2.376 ms

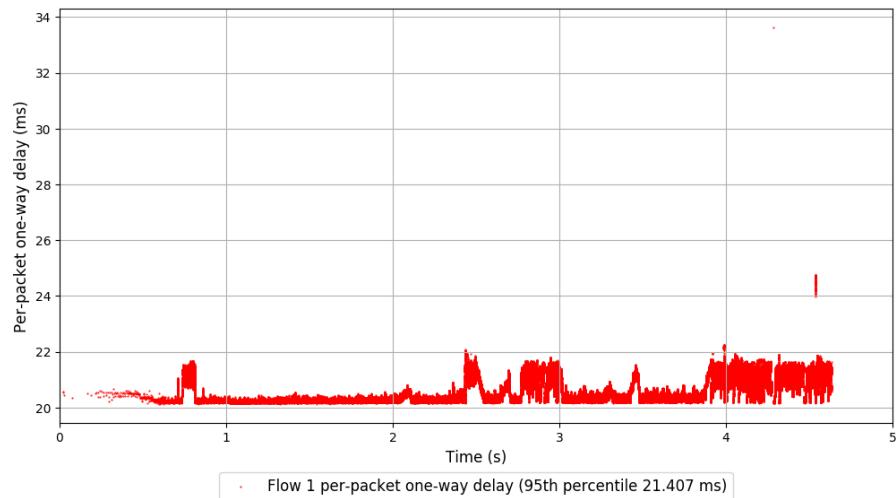
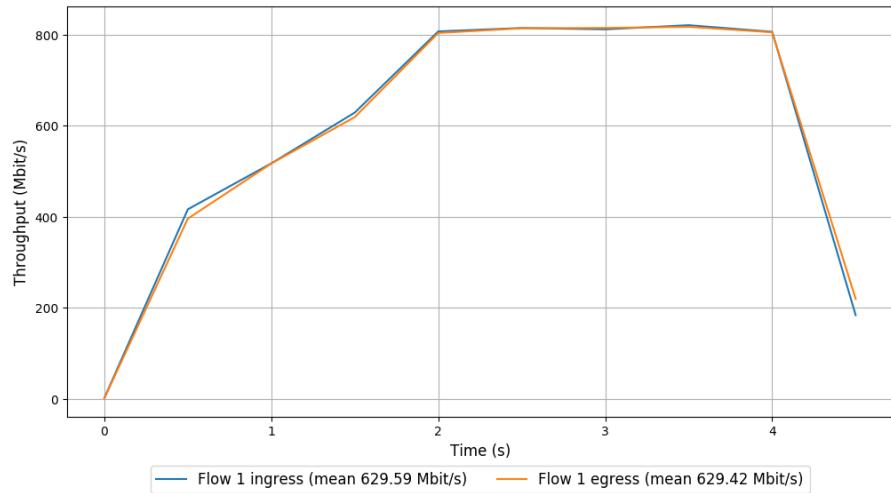
### Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Tue, 04 Jul 2017 02:38:24 +0000  
End at: Tue, 04 Jul 2017 02:38:54 +0000  
Local clock offset: -1.066 ms  
Remote clock offset: -2.483 ms

## Run 4: Report of PCC — Data Link

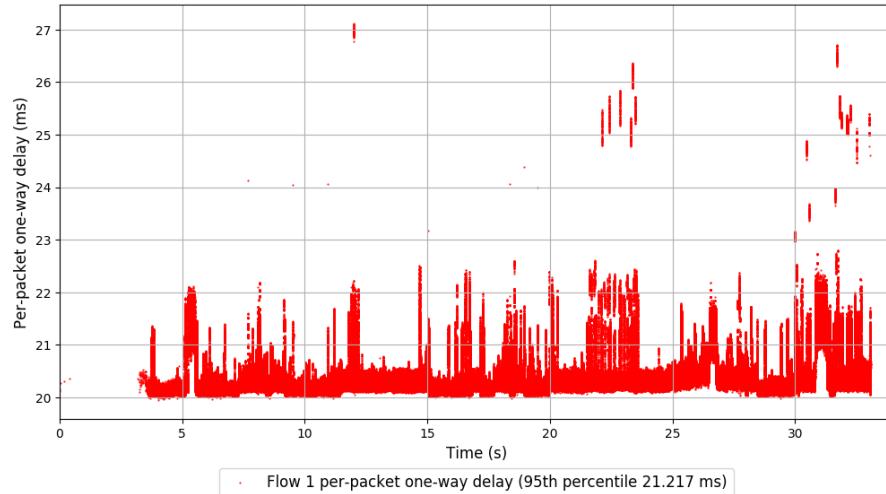
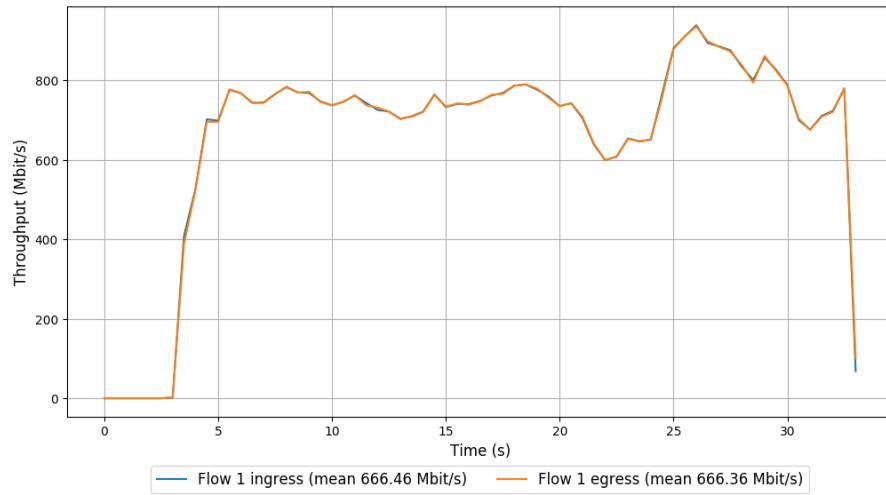


Run 5: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 02:58:03 +0000
End at: Tue, 04 Jul 2017 02:58:33 +0000
Local clock offset: -0.889 ms
Remote clock offset: -2.303 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 666.36 Mbit/s
95th percentile per-packet one-way delay: 21.217 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 666.36 Mbit/s
95th percentile per-packet one-way delay: 21.217 ms
Loss rate: 0.03%
```

## Run 5: Report of PCC — Data Link

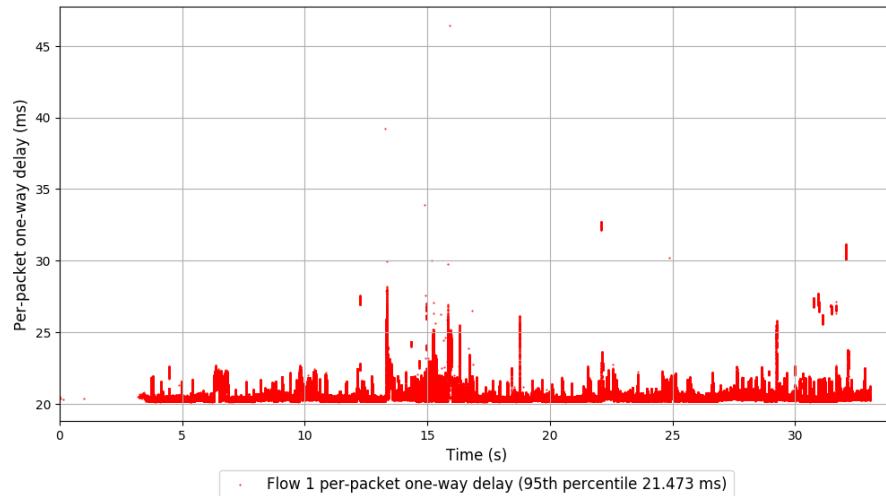
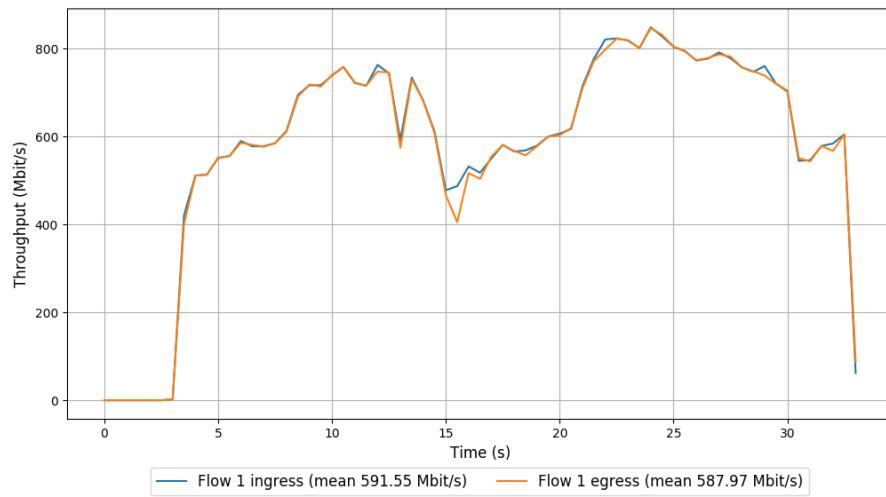


Run 6: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 03:17:49 +0000
End at: Tue, 04 Jul 2017 03:18:19 +0000
Local clock offset: -0.501 ms
Remote clock offset: -2.0 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 587.97 Mbit/s
95th percentile per-packet one-way delay: 21.473 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 587.97 Mbit/s
95th percentile per-packet one-way delay: 21.473 ms
Loss rate: 0.60%
```

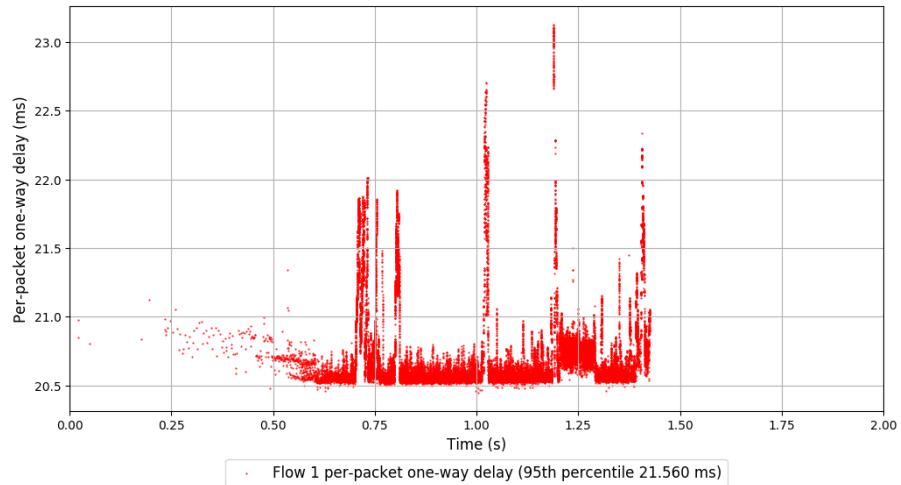
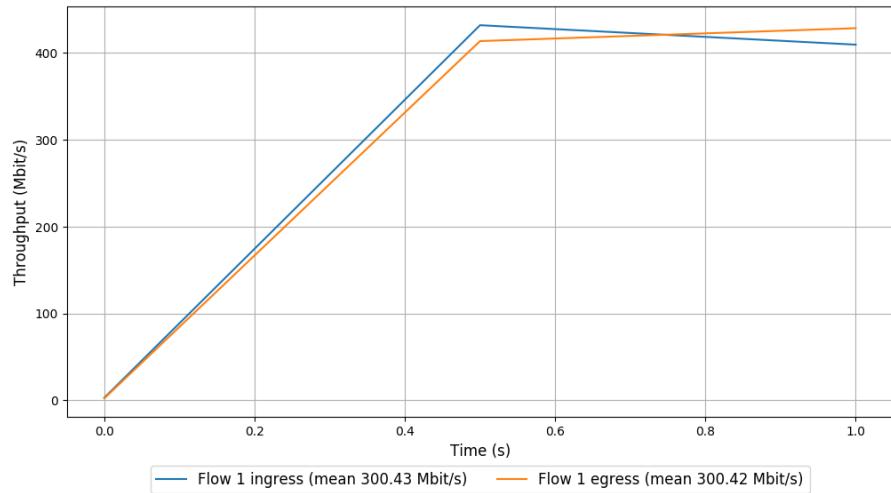
## Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Tue, 04 Jul 2017 03:36:35 +0000  
End at: Tue, 04 Jul 2017 03:37:05 +0000  
Local clock offset: -0.191 ms  
Remote clock offset: -1.885 ms

### Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Tue, 04 Jul 2017 03:55:53 +0000  
End at: Tue, 04 Jul 2017 03:56:23 +0000  
Local clock offset: 0.358 ms  
Remote clock offset: -1.88 ms

Run 8: Report of PCC — Data Link

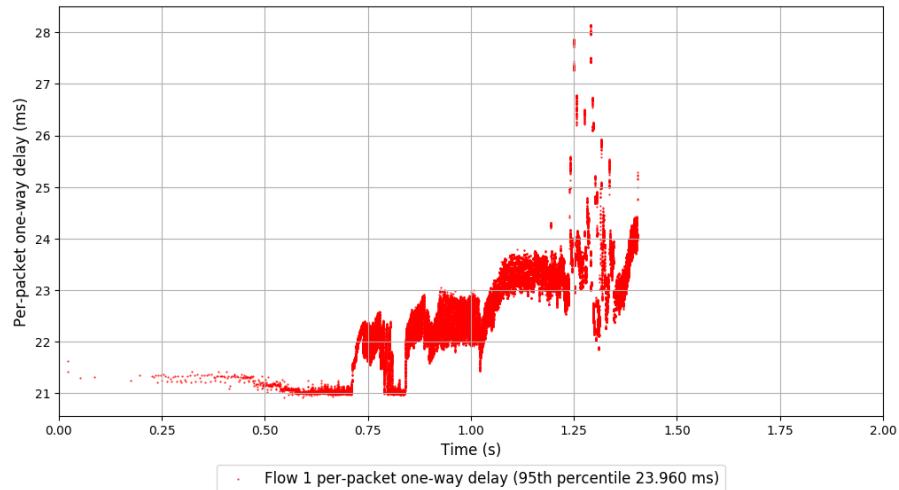
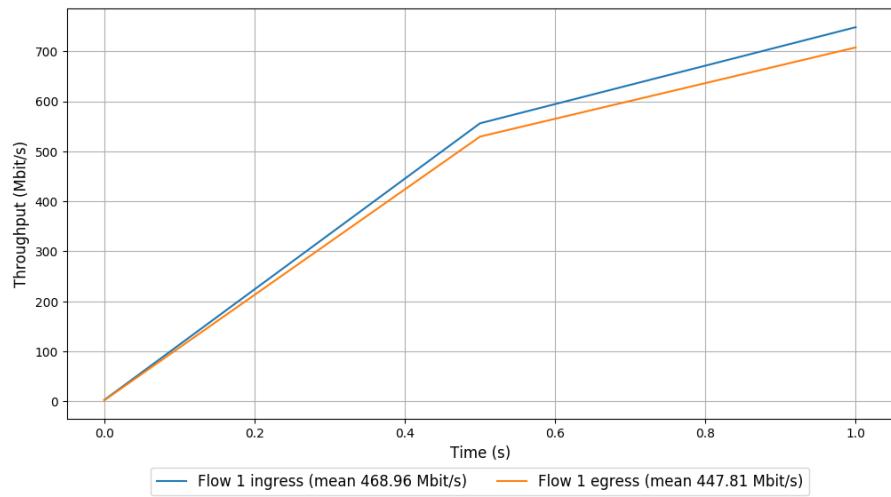
Figure is missing

Figure is missing

Run 9: Statistics of PCC

Start at: Tue, 04 Jul 2017 04:15:23 +0000  
End at: Tue, 04 Jul 2017 04:15:53 +0000  
Local clock offset: 0.717 ms  
Remote clock offset: -1.593 ms

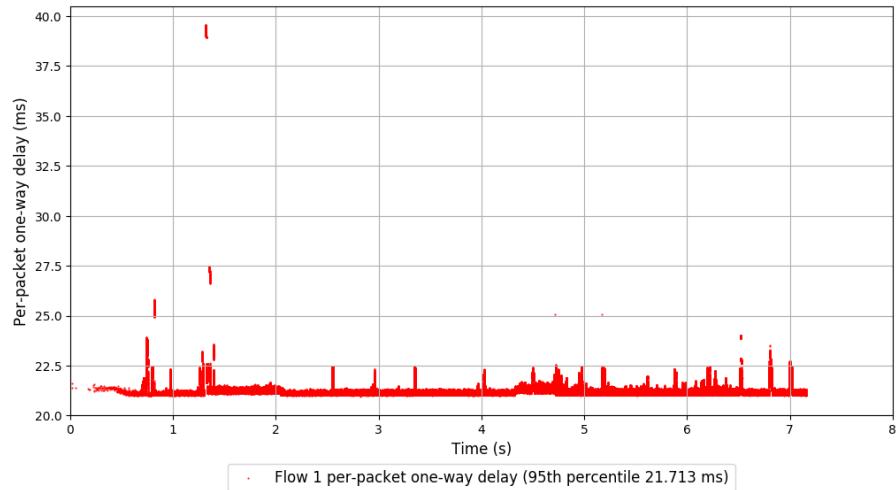
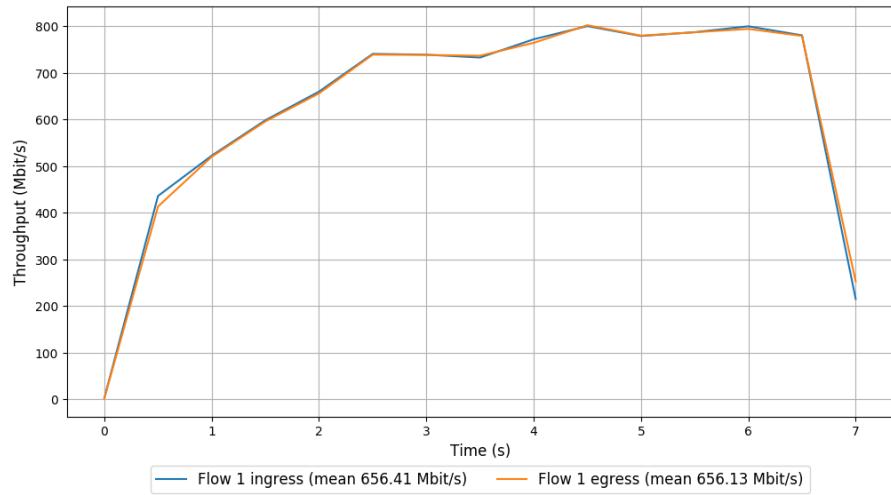
## Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Tue, 04 Jul 2017 04:35:01 +0000  
End at: Tue, 04 Jul 2017 04:35:31 +0000  
Local clock offset: 1.024 ms  
Remote clock offset: -1.293 ms

### Run 10: Report of PCC — Data Link



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

```
Start at: Tue, 04 Jul 2017 01:35:35 +0000
```

```
End at: Tue, 04 Jul 2017 01:36:05 +0000
```

```
Local clock offset: -0.954 ms
```

```
Remote clock offset: -2.126 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:50 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 16.53 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.025 ms
```

```
Loss rate: 0.00%
```

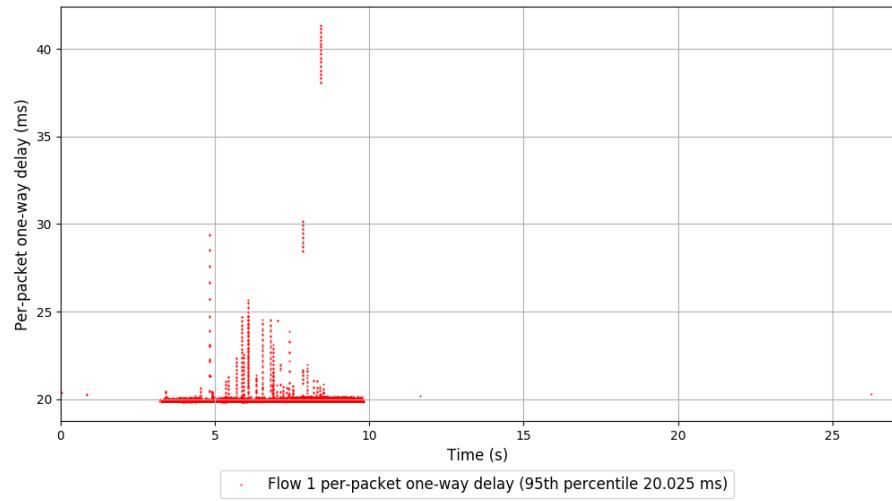
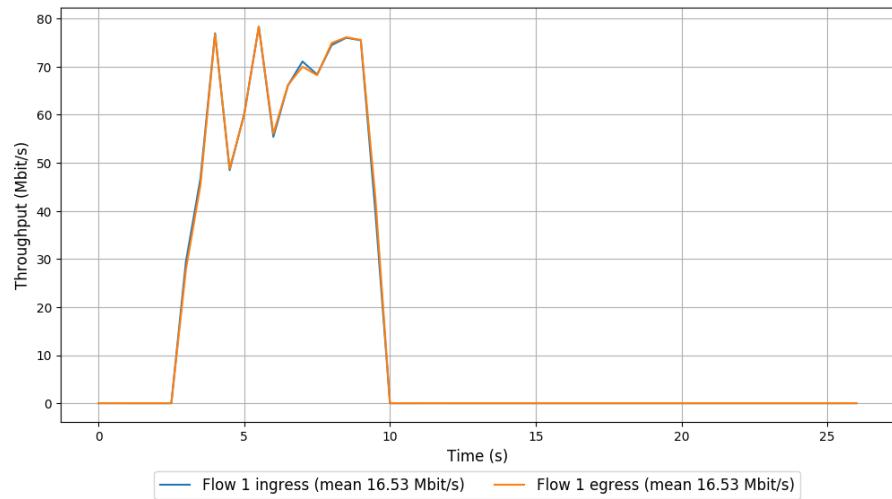
```
-- Flow 1:
```

```
Average throughput: 16.53 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.025 ms
```

```
Loss rate: 0.00%
```

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

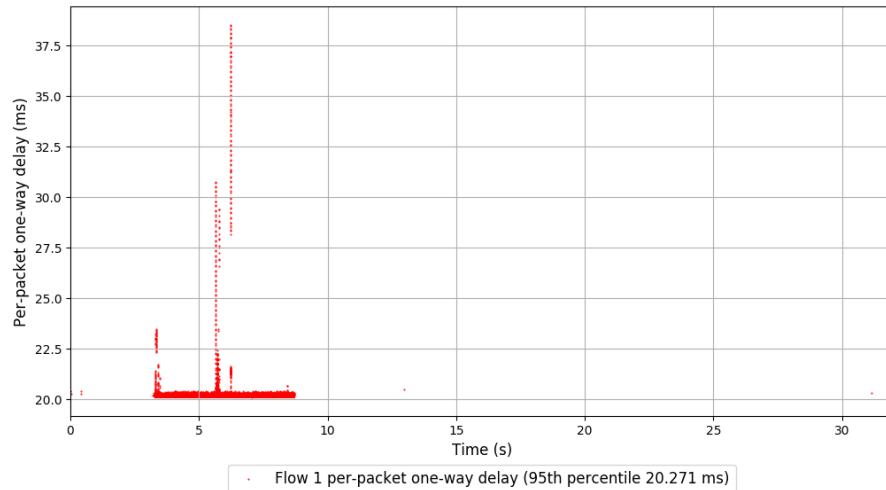
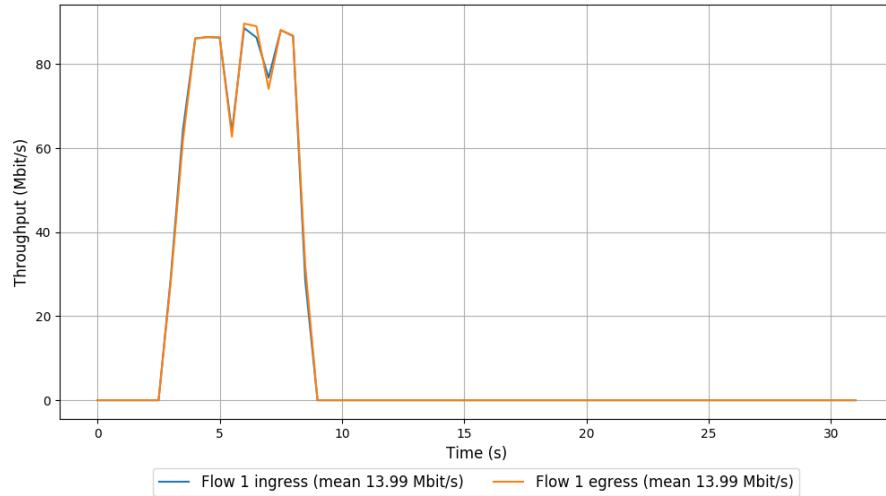


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 01:55:27 +0000
End at: Tue, 04 Jul 2017 01:55:57 +0000
Local clock offset: -0.968 ms
Remote clock offset: -2.345 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.99 Mbit/s
95th percentile per-packet one-way delay: 20.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.99 Mbit/s
95th percentile per-packet one-way delay: 20.271 ms
Loss rate: 0.00%
```

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

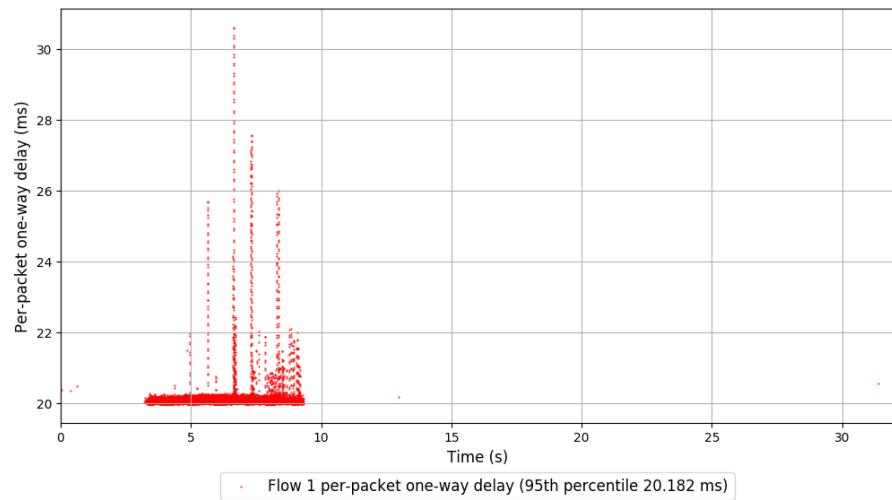
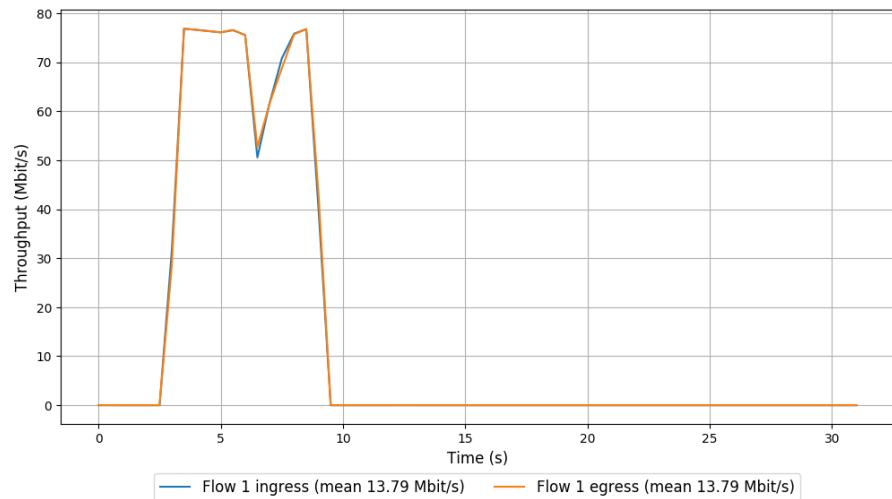


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 02:15:15 +0000
End at: Tue, 04 Jul 2017 02:15:45 +0000
Local clock offset: -0.923 ms
Remote clock offset: -2.294 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 20.182 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 20.182 ms
Loss rate: 0.00%
```

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

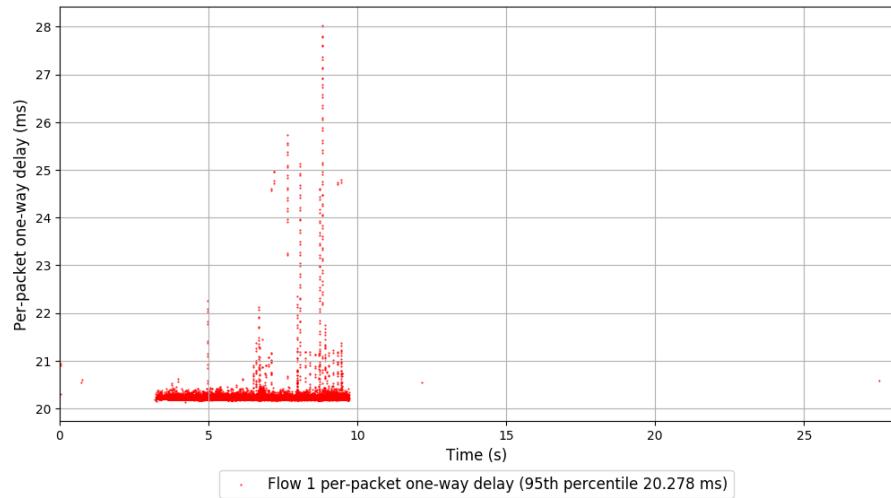
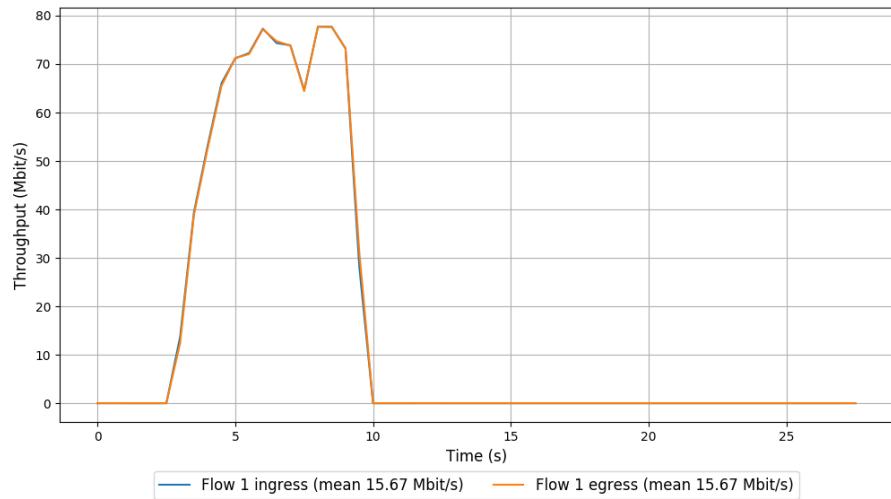


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 02:34:39 +0000
End at: Tue, 04 Jul 2017 02:35:09 +0000
Local clock offset: -0.956 ms
Remote clock offset: -2.461 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 20.278 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 20.278 ms
Loss rate: 0.00%
```

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

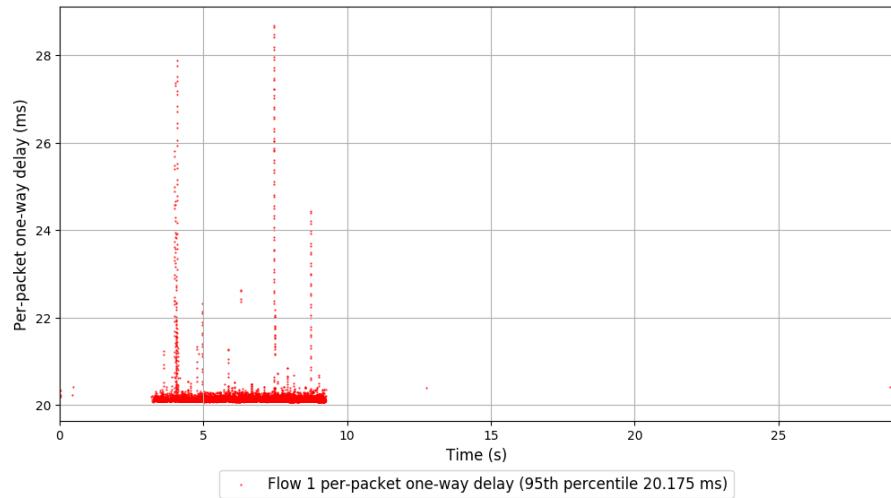
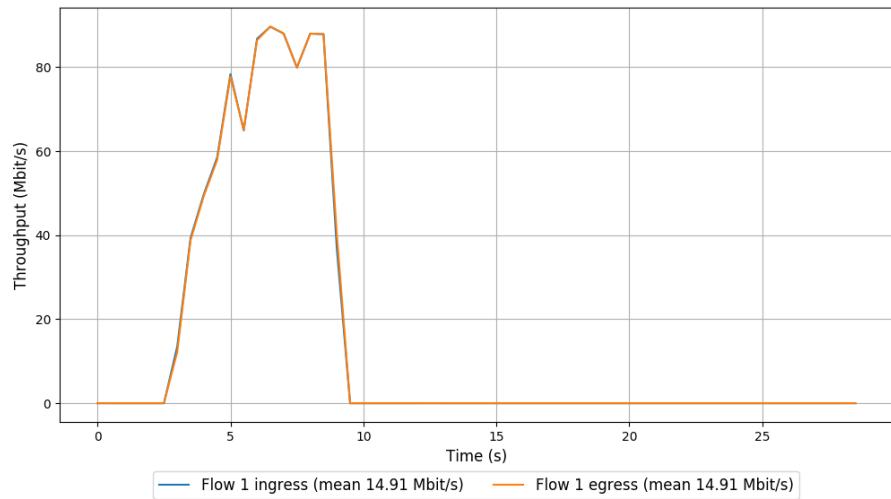


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 02:54:17 +0000
End at: Tue, 04 Jul 2017 02:54:47 +0000
Local clock offset: -0.885 ms
Remote clock offset: -2.279 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.91 Mbit/s
95th percentile per-packet one-way delay: 20.175 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.91 Mbit/s
95th percentile per-packet one-way delay: 20.175 ms
Loss rate: 0.00%
```

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

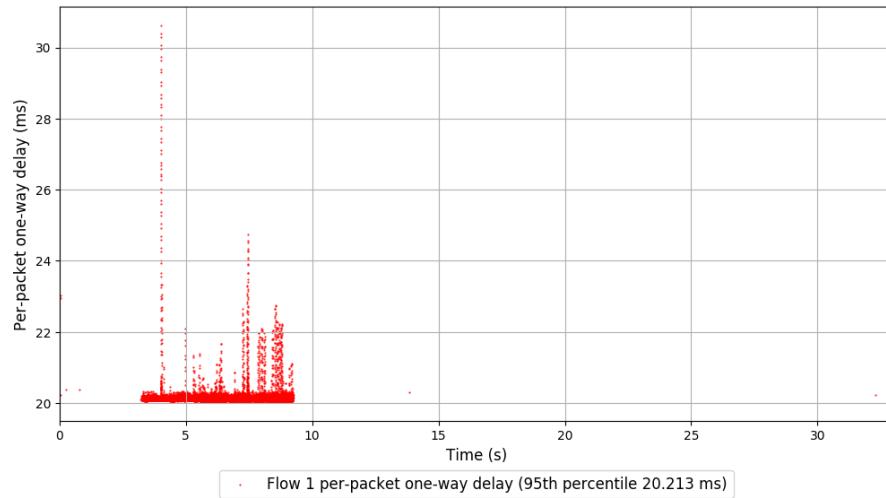
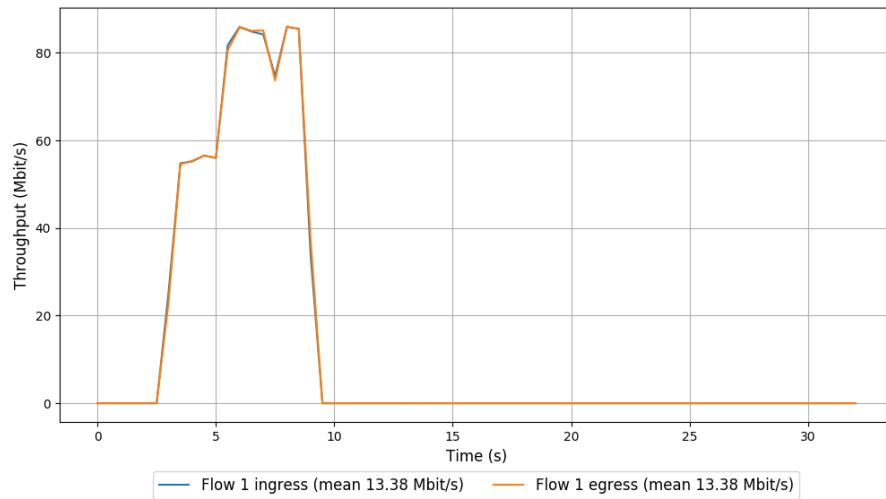


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 03:14:05 +0000
End at: Tue, 04 Jul 2017 03:14:35 +0000
Local clock offset: -0.665 ms
Remote clock offset: -1.917 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 20.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 20.213 ms
Loss rate: 0.00%
```

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

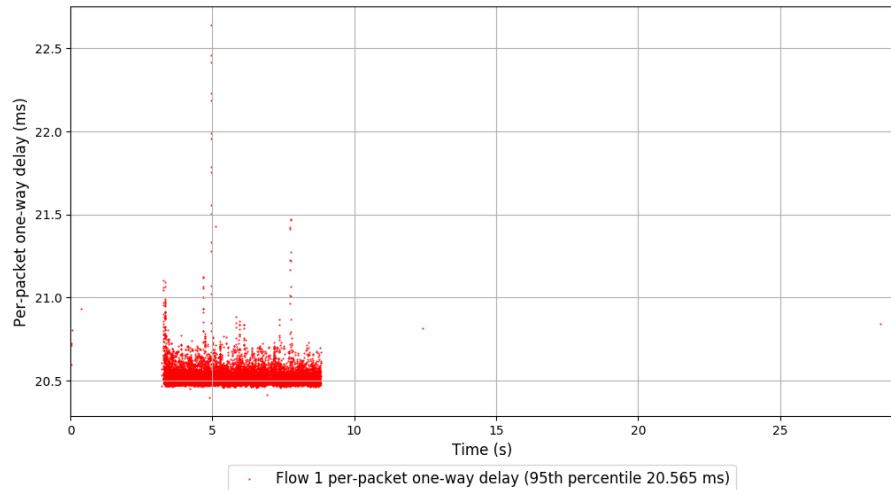
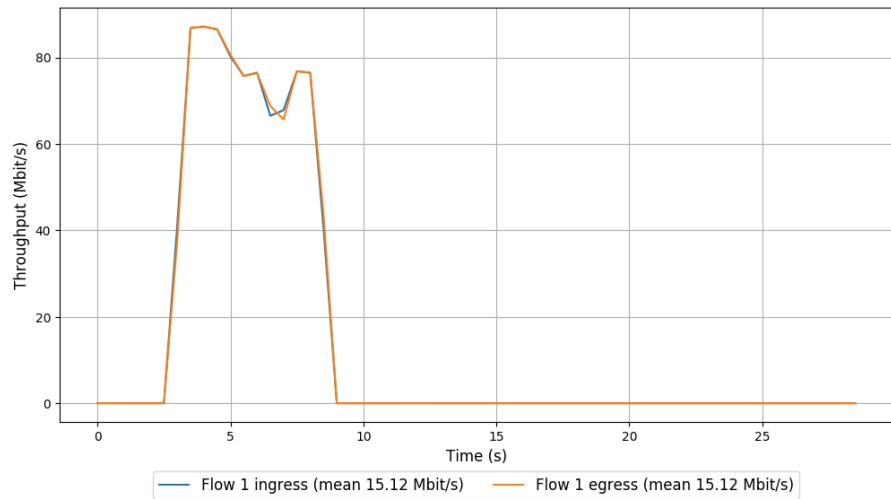


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 03:32:52 +0000
End at: Tue, 04 Jul 2017 03:33:22 +0000
Local clock offset: -0.281 ms
Remote clock offset: -2.06 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 20.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 20.565 ms
Loss rate: 0.00%
```

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

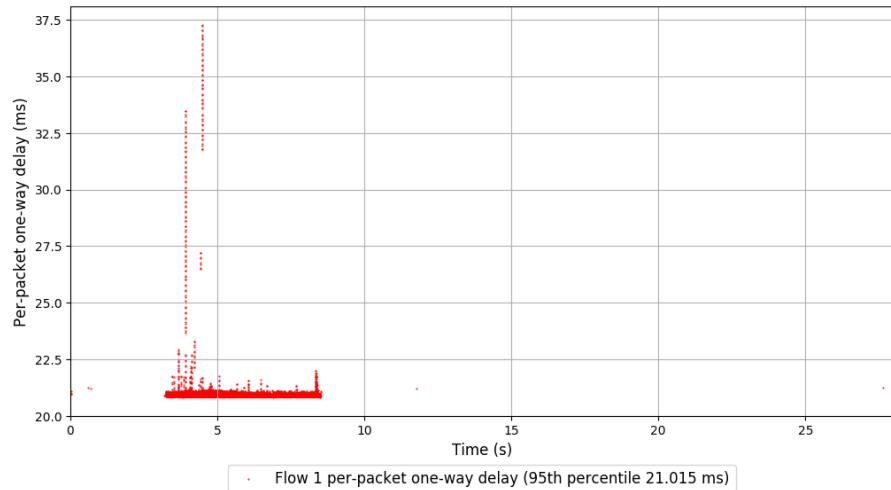
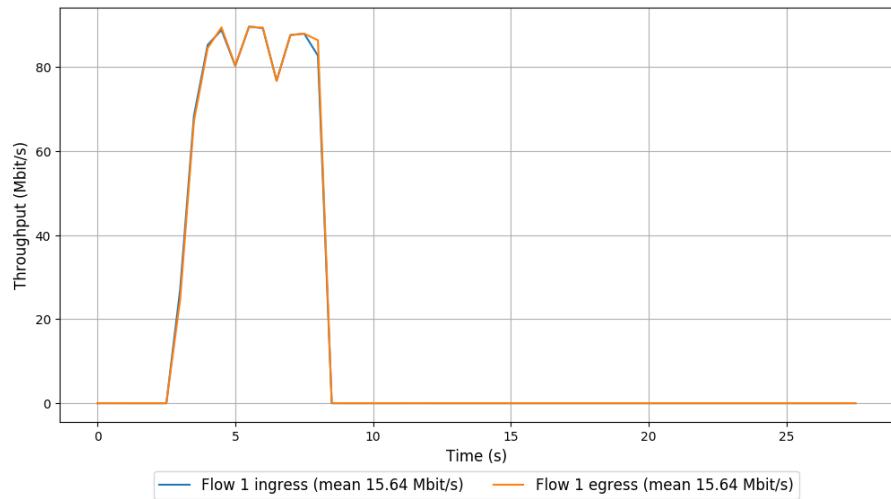


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 03:52:11 +0000
End at: Tue, 04 Jul 2017 03:52:41 +0000
Local clock offset: 0.178 ms
Remote clock offset: -1.912 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 21.015 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 21.015 ms
Loss rate: 0.00%
```

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

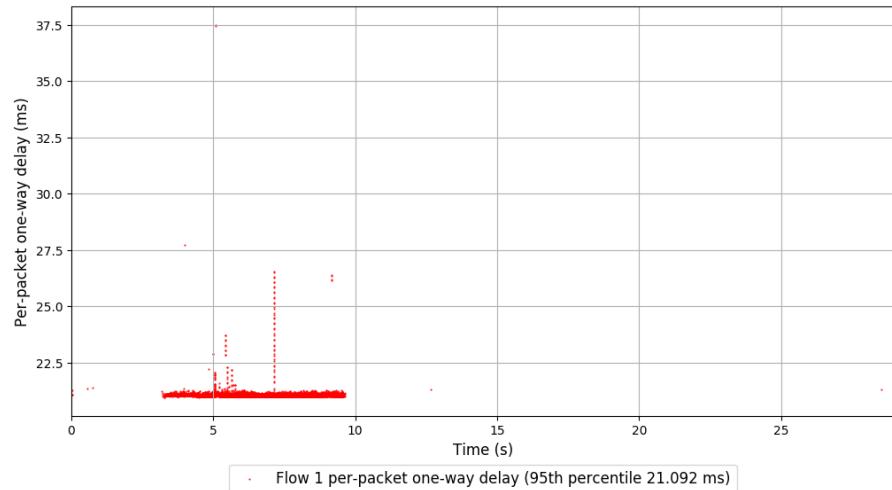
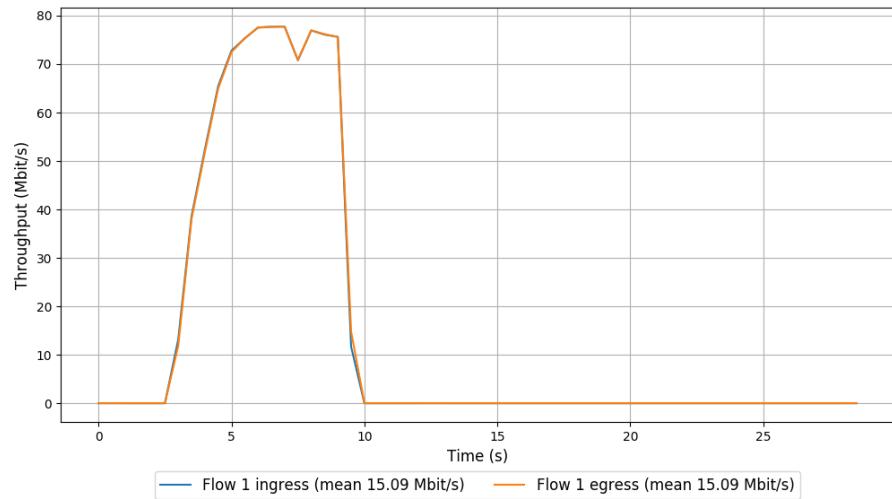


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 04:11:40 +0000
End at: Tue, 04 Jul 2017 04:12:10 +0000
Local clock offset: 0.583 ms
Remote clock offset: -1.665 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.09 Mbit/s
95th percentile per-packet one-way delay: 21.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.09 Mbit/s
95th percentile per-packet one-way delay: 21.092 ms
Loss rate: 0.00%
```

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

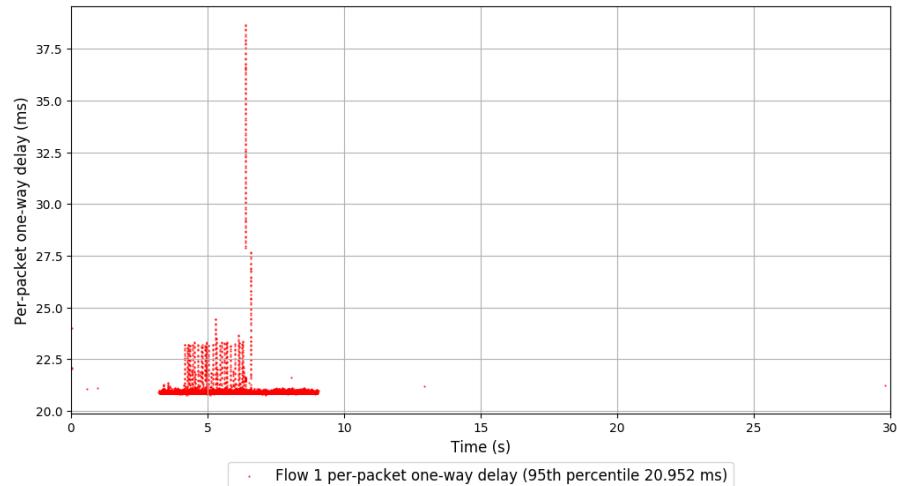
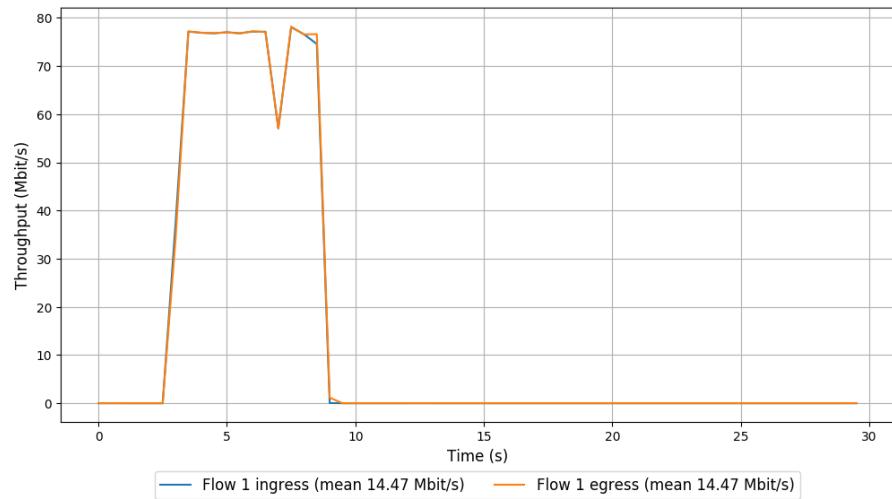


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 04:31:11 +0000
End at: Tue, 04 Jul 2017 04:31:41 +0000
Local clock offset: 0.895 ms
Remote clock offset: -1.298 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:02:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.47 Mbit/s
95th percentile per-packet one-way delay: 20.952 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.47 Mbit/s
95th percentile per-packet one-way delay: 20.952 ms
Loss rate: 0.00%
```

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

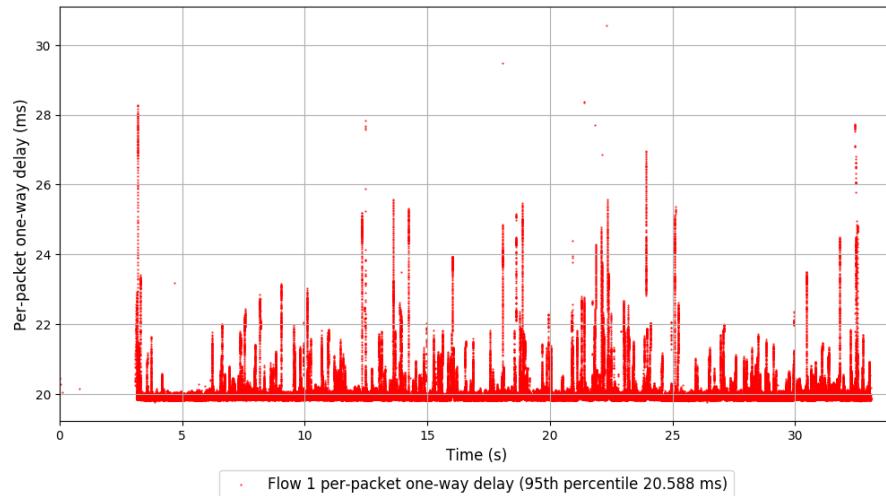
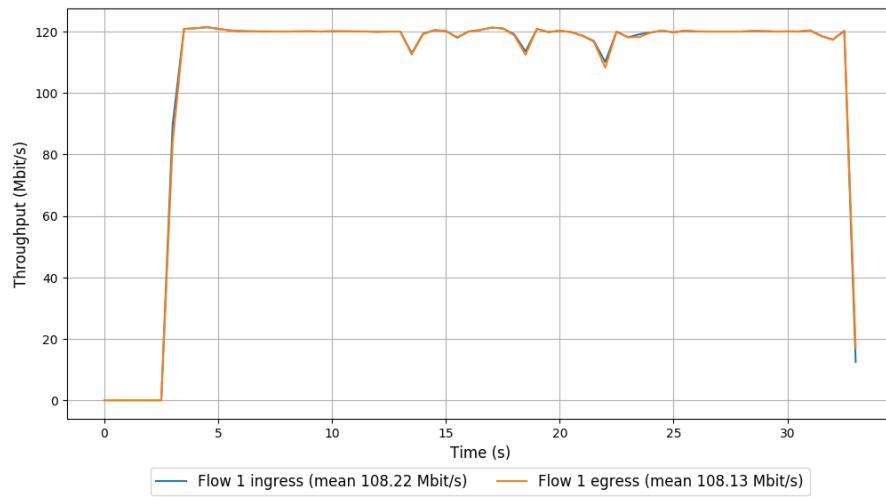


Run 1: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 01:33:09 +0000
End at: Tue, 04 Jul 2017 01:33:39 +0000
Local clock offset: -0.929 ms
Remote clock offset: -2.176 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:03:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.13 Mbit/s
95th percentile per-packet one-way delay: 20.588 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 108.13 Mbit/s
95th percentile per-packet one-way delay: 20.588 ms
Loss rate: 0.09%
```

Run 1: Report of Saturator — Data Link

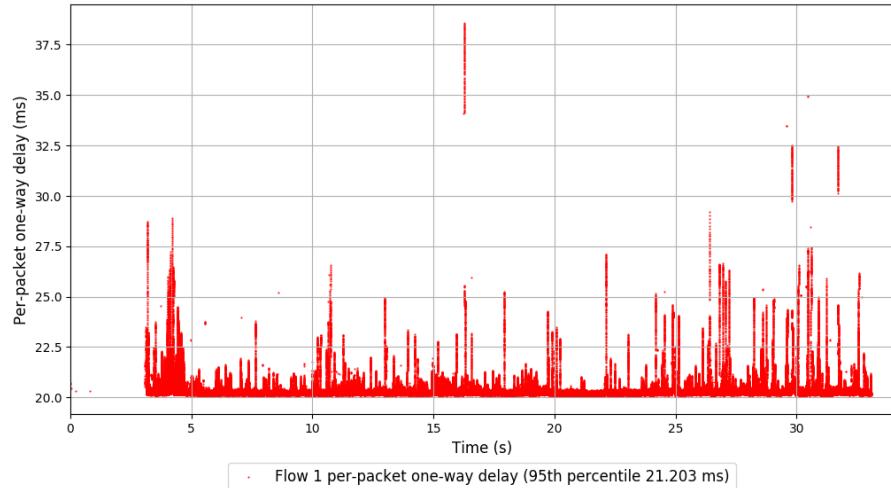
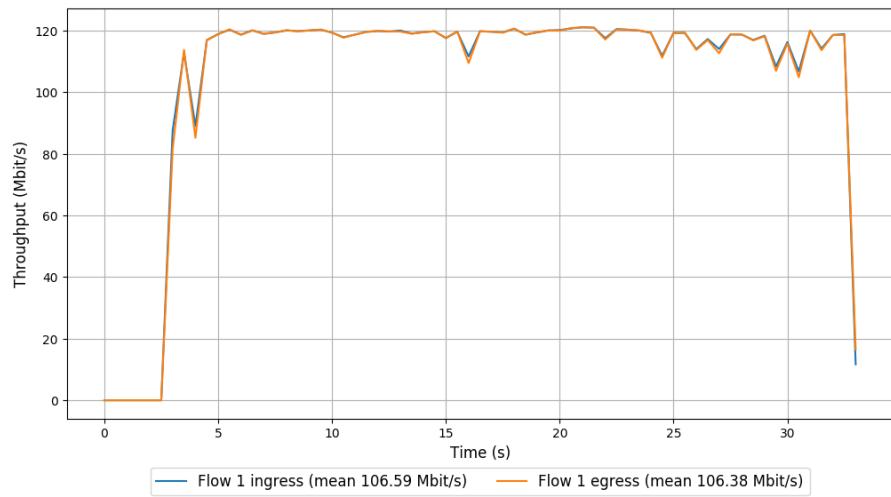


Run 2: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 01:53:00 +0000
End at: Tue, 04 Jul 2017 01:53:31 +0000
Local clock offset: -0.884 ms
Remote clock offset: -2.36 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:03:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.38 Mbit/s
95th percentile per-packet one-way delay: 21.203 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 106.38 Mbit/s
95th percentile per-packet one-way delay: 21.203 ms
Loss rate: 0.20%
```

Run 2: Report of Saturator — Data Link

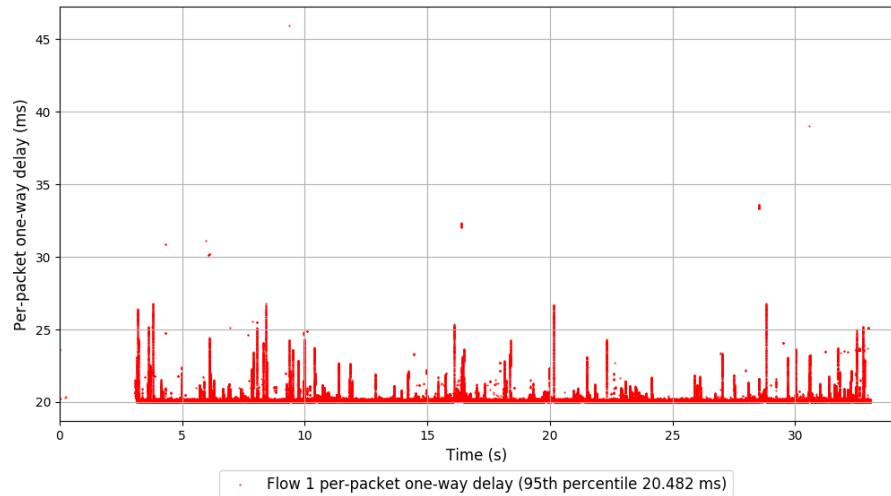
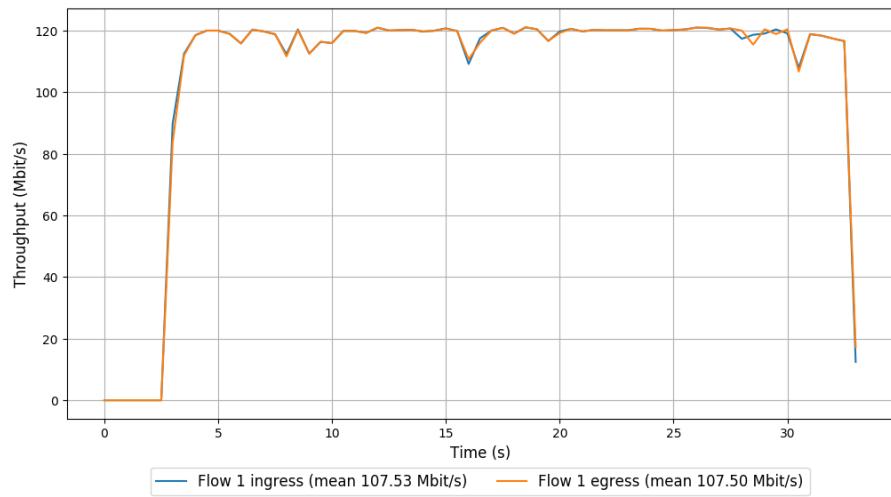


Run 3: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 02:12:48 +0000
End at: Tue, 04 Jul 2017 02:13:18 +0000
Local clock offset: -0.903 ms
Remote clock offset: -2.27 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:03:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.50 Mbit/s
95th percentile per-packet one-way delay: 20.482 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 107.50 Mbit/s
95th percentile per-packet one-way delay: 20.482 ms
Loss rate: 0.06%
```

Run 3: Report of Saturator — Data Link

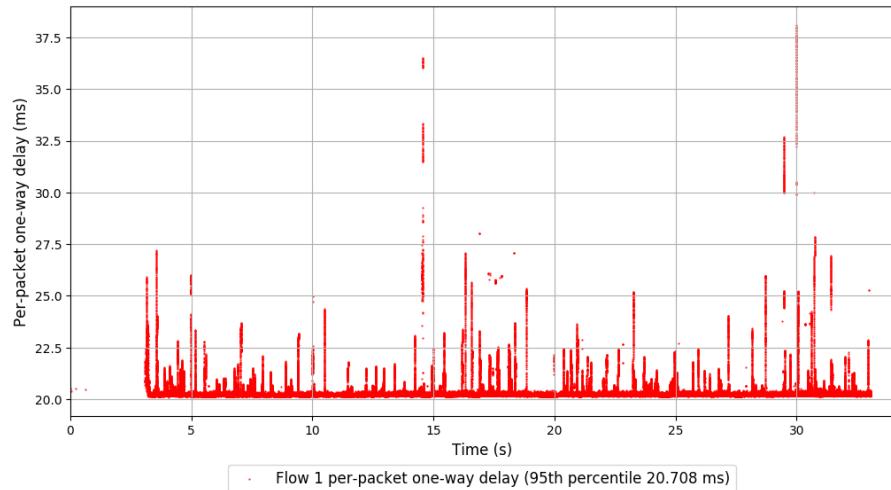
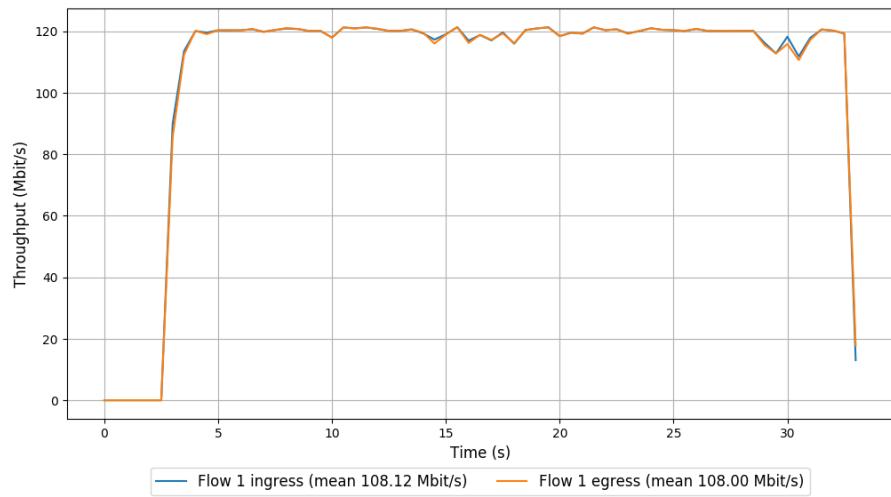


Run 4: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 02:32:12 +0000
End at: Tue, 04 Jul 2017 02:32:42 +0000
Local clock offset: -1.068 ms
Remote clock offset: -2.51 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:03:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: 20.708 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: 20.708 ms
Loss rate: 0.11%
```

Run 4: Report of Saturator — Data Link

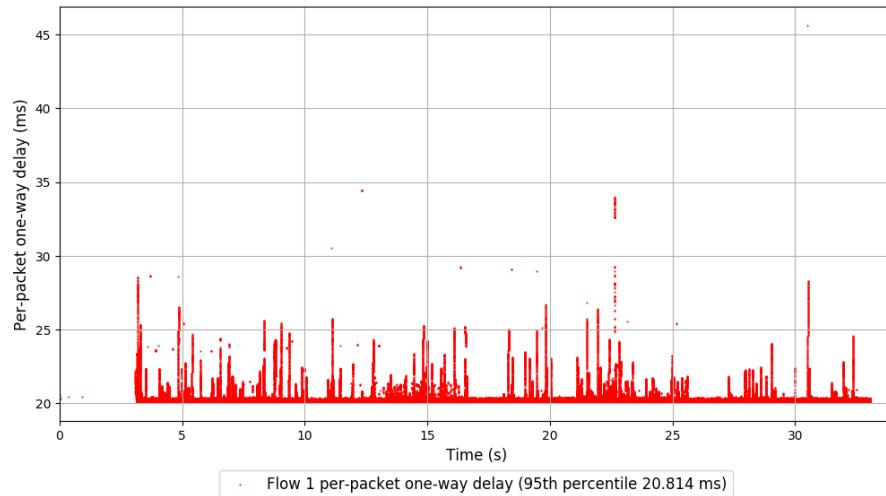
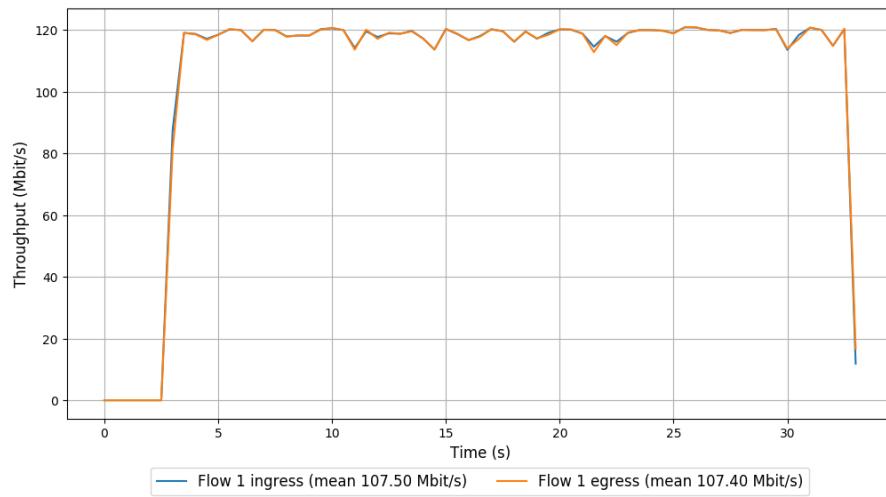


Run 5: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 02:51:50 +0000
End at: Tue, 04 Jul 2017 02:52:20 +0000
Local clock offset: -0.916 ms
Remote clock offset: -2.355 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:03:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.40 Mbit/s
95th percentile per-packet one-way delay: 20.814 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 107.40 Mbit/s
95th percentile per-packet one-way delay: 20.814 ms
Loss rate: 0.09%
```

Run 5: Report of Saturator — Data Link

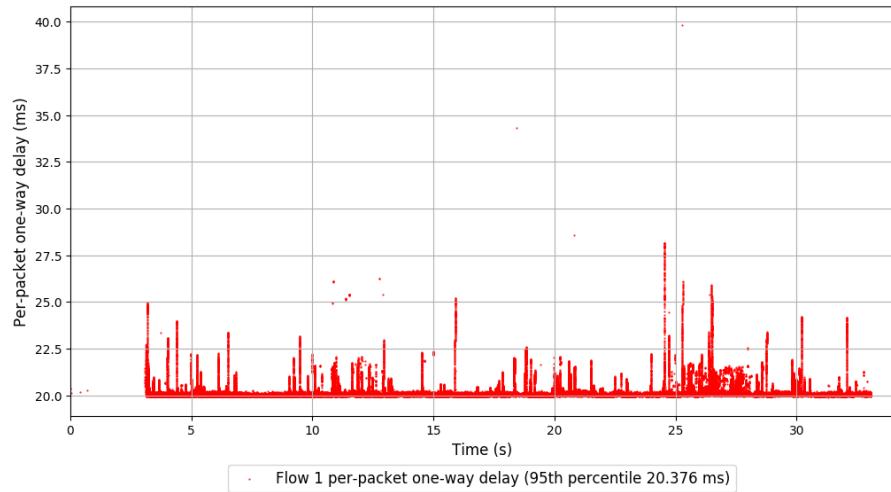
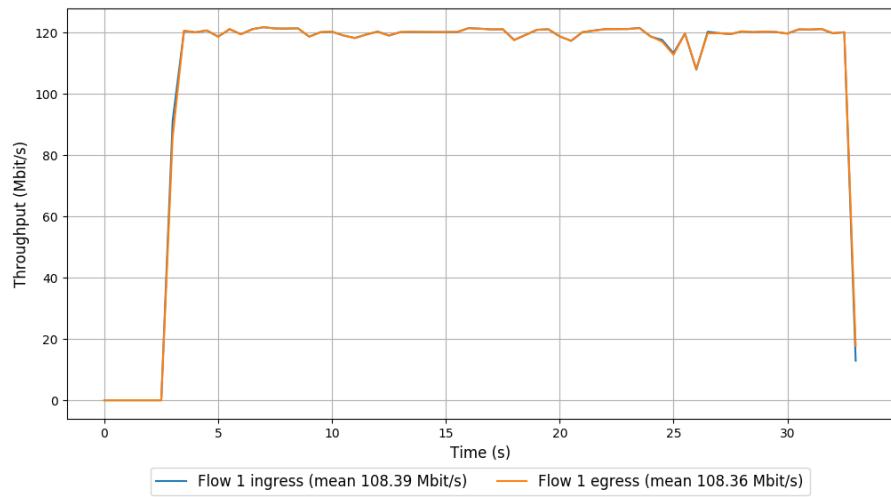


Run 6: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 03:11:38 +0000
End at: Tue, 04 Jul 2017 03:12:08 +0000
Local clock offset: -0.628 ms
Remote clock offset: -1.948 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:03:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.36 Mbit/s
95th percentile per-packet one-way delay: 20.376 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 108.36 Mbit/s
95th percentile per-packet one-way delay: 20.376 ms
Loss rate: 0.03%
```

Run 6: Report of Saturator — Data Link

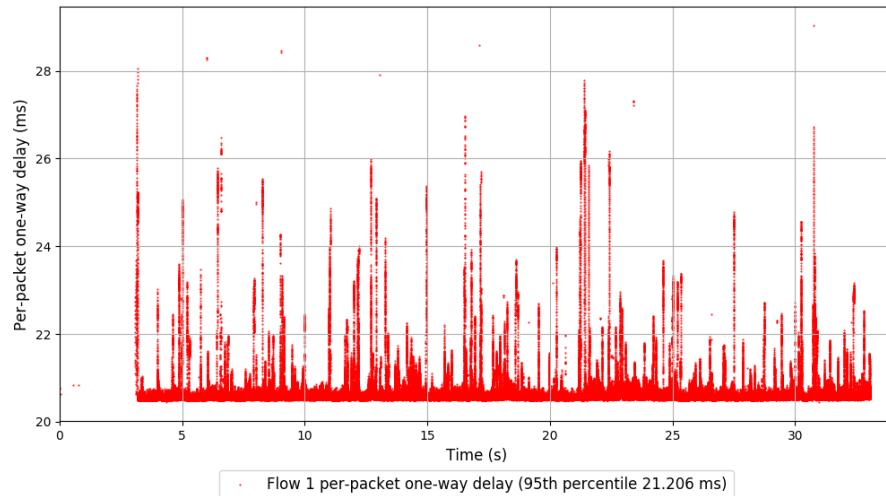
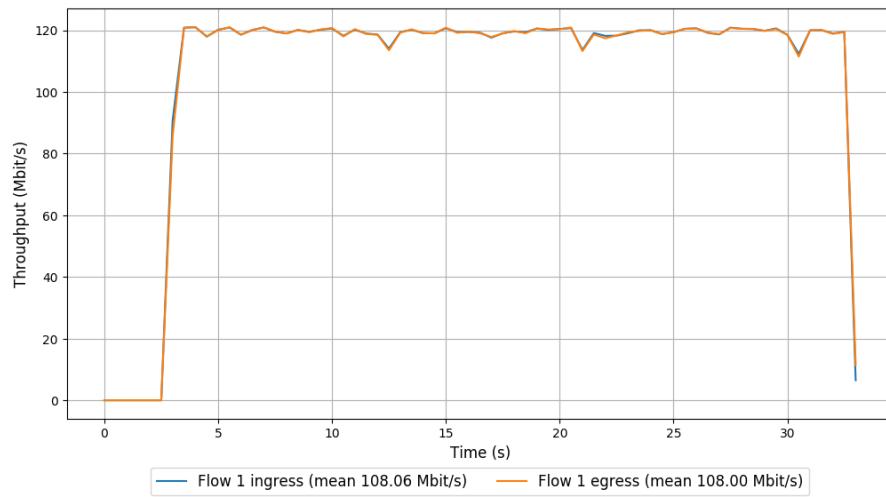


Run 7: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 03:30:25 +0000
End at: Tue, 04 Jul 2017 03:30:55 +0000
Local clock offset: -0.335 ms
Remote clock offset: -2.114 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: 21.206 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: 21.206 ms
Loss rate: 0.05%
```

Run 7: Report of Saturator — Data Link

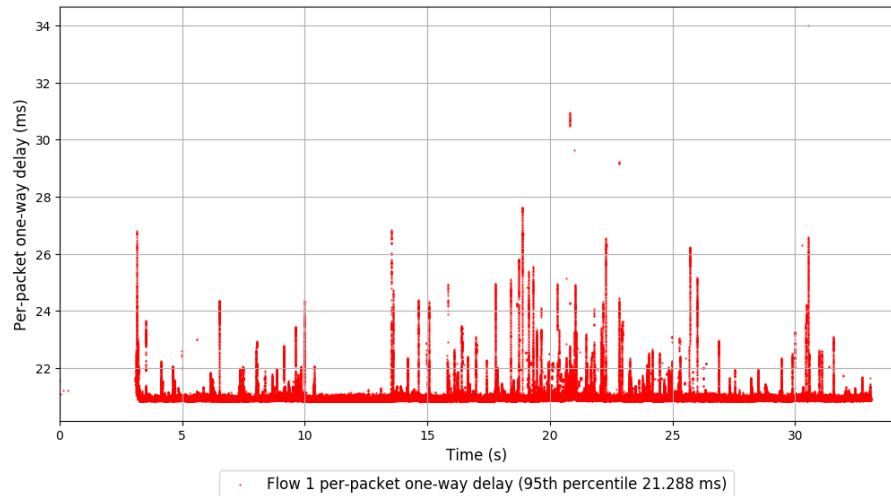
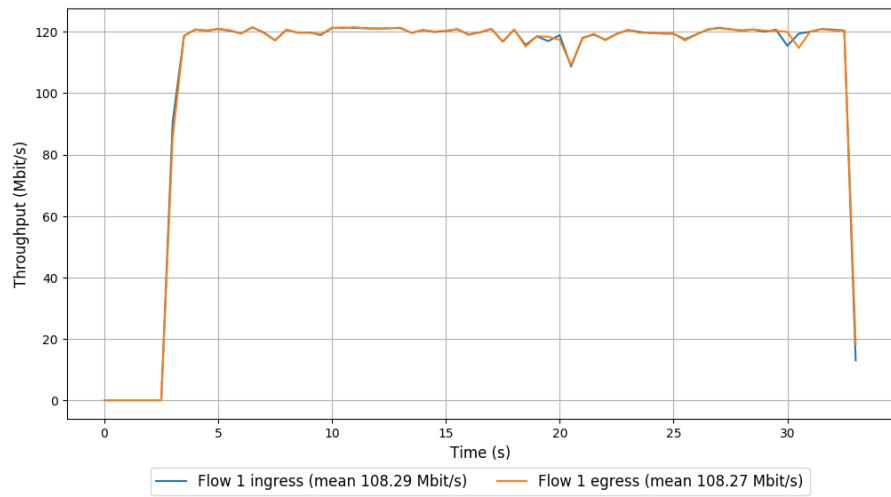


Run 8: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 03:49:44 +0000
End at: Tue, 04 Jul 2017 03:50:14 +0000
Local clock offset: 0.197 ms
Remote clock offset: -2.0 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.27 Mbit/s
95th percentile per-packet one-way delay: 21.288 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 108.27 Mbit/s
95th percentile per-packet one-way delay: 21.288 ms
Loss rate: 0.02%
```

Run 8: Report of Saturator — Data Link

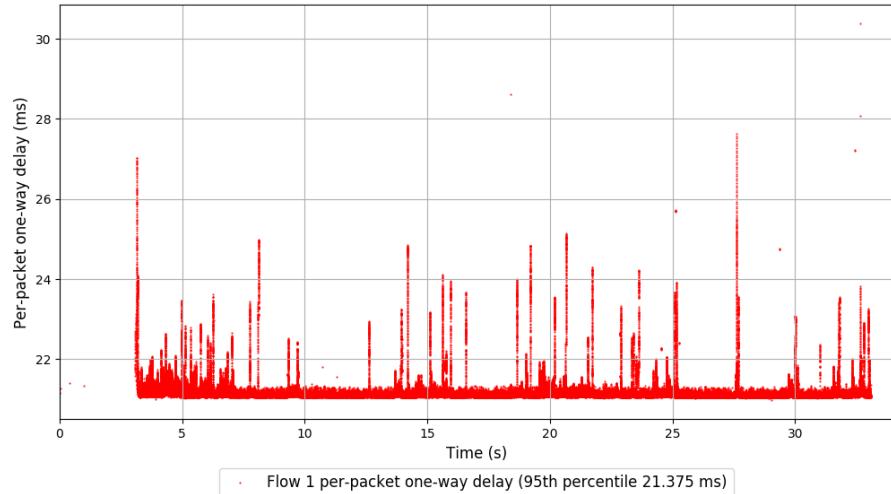
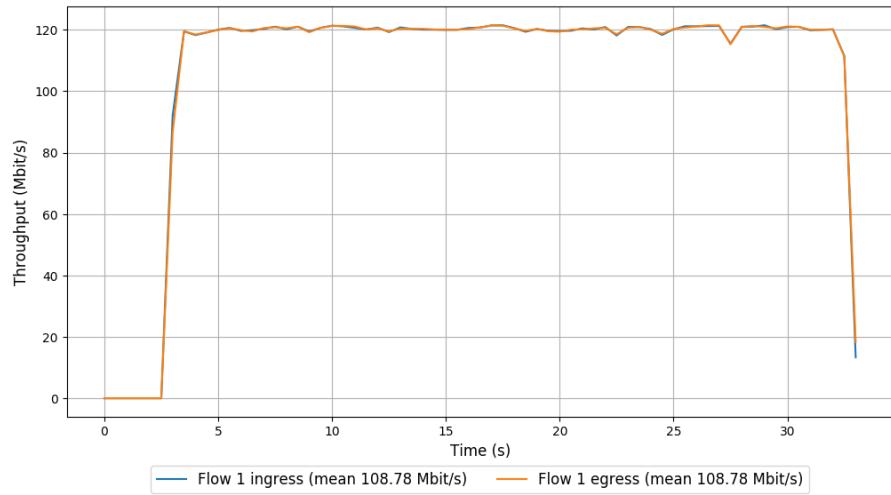


Run 9: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 04:09:13 +0000
End at: Tue, 04 Jul 2017 04:09:43 +0000
Local clock offset: 0.641 ms
Remote clock offset: -1.769 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.78 Mbit/s
95th percentile per-packet one-way delay: 21.375 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 108.78 Mbit/s
95th percentile per-packet one-way delay: 21.375 ms
Loss rate: 0.01%
```

Run 9: Report of Saturator — Data Link

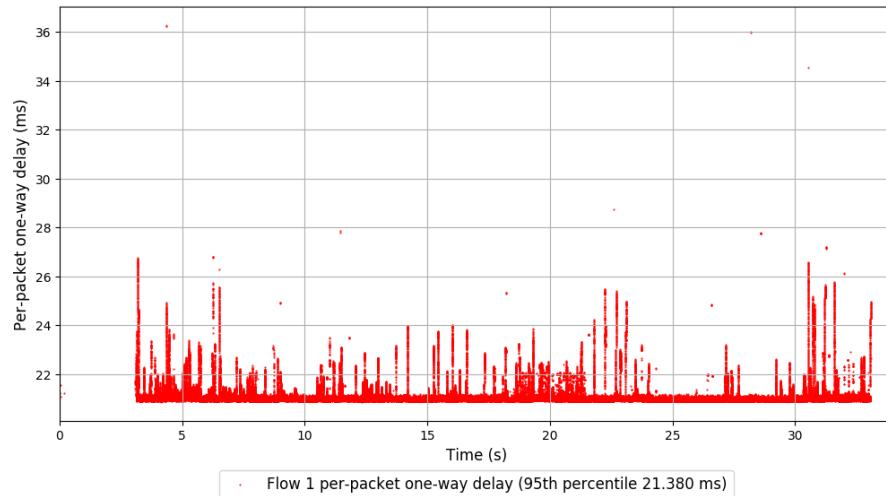
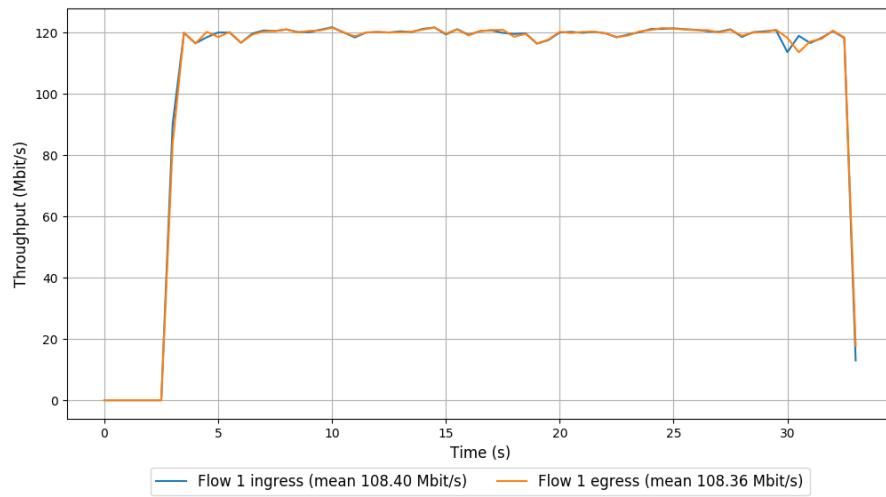


Run 10: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 04:28:45 +0000
End at: Tue, 04 Jul 2017 04:29:15 +0000
Local clock offset: 0.908 ms
Remote clock offset: -1.325 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.36 Mbit/s
95th percentile per-packet one-way delay: 21.380 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 108.36 Mbit/s
95th percentile per-packet one-way delay: 21.380 ms
Loss rate: 0.03%
```

Run 10: Report of Saturator — Data Link

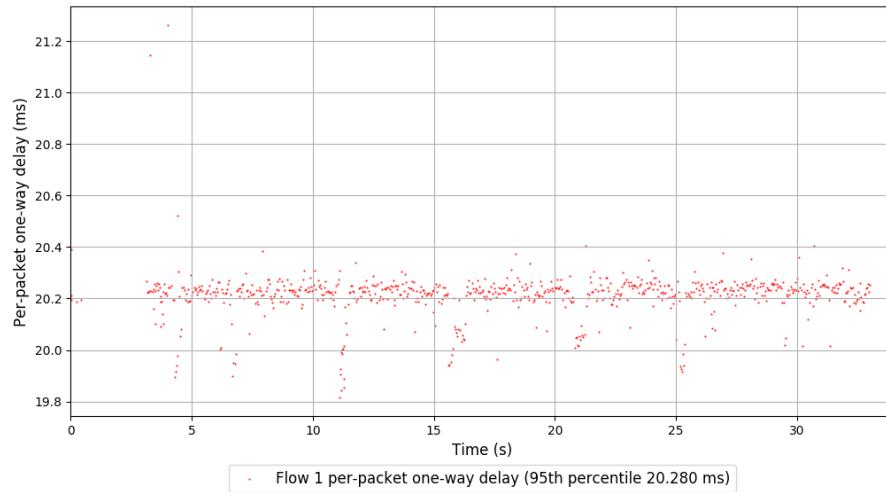
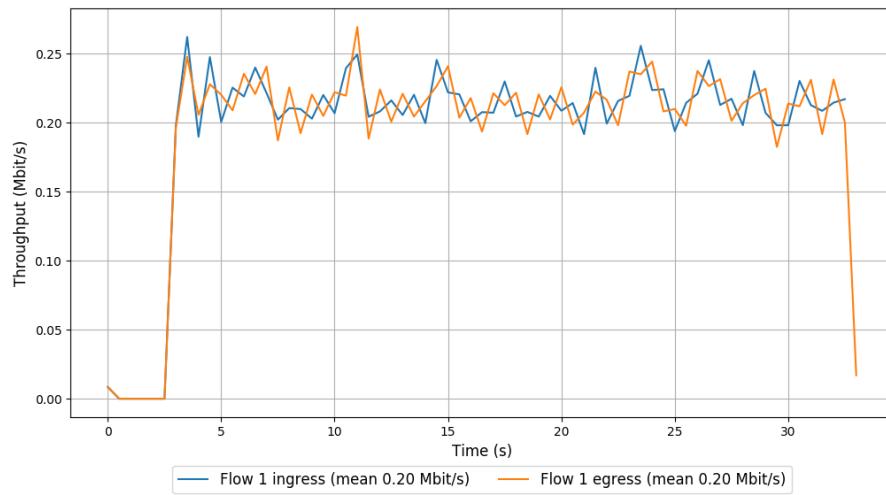


Run 1: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 01:34:26 +0000
End at: Tue, 04 Jul 2017 01:34:56 +0000
Local clock offset: -1.049 ms
Remote clock offset: -2.165 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.280 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

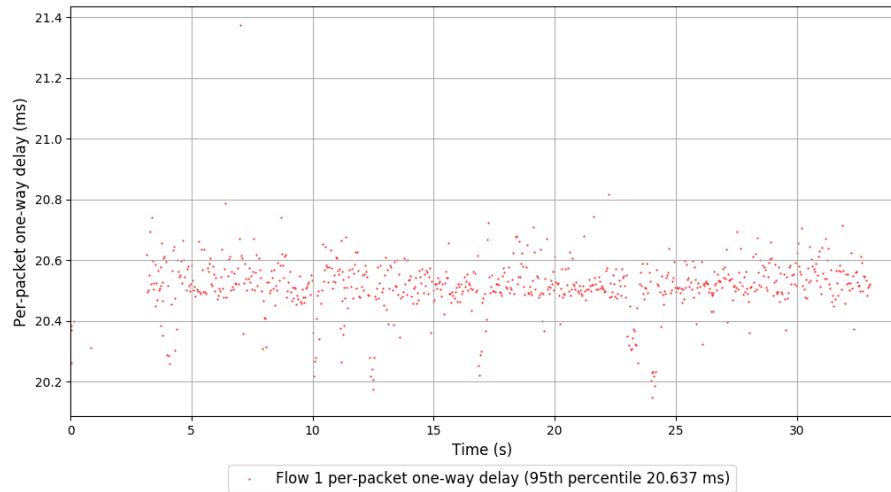
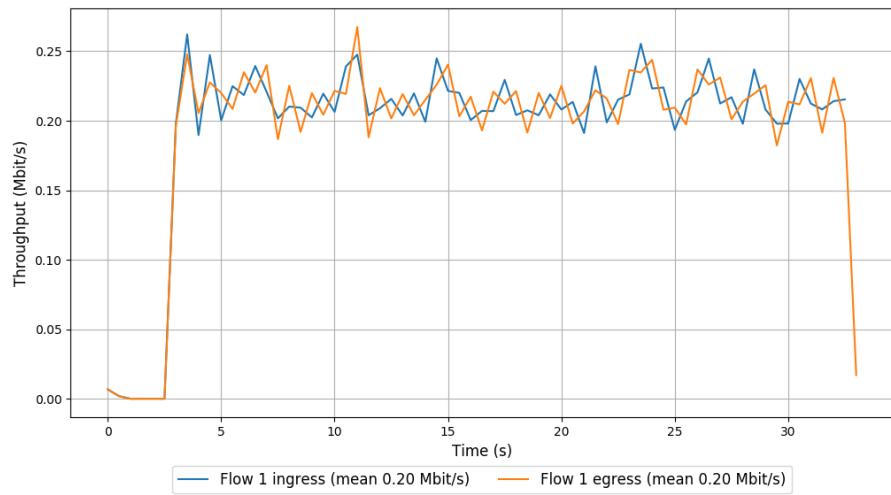


Run 2: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 01:54:17 +0000
End at: Tue, 04 Jul 2017 01:54:47 +0000
Local clock offset: -0.953 ms
Remote clock offset: -2.331 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.637 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.637 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

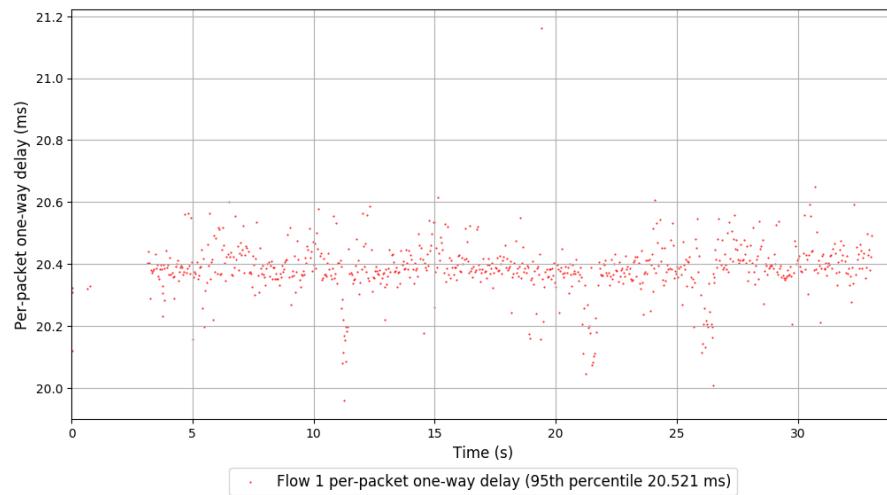
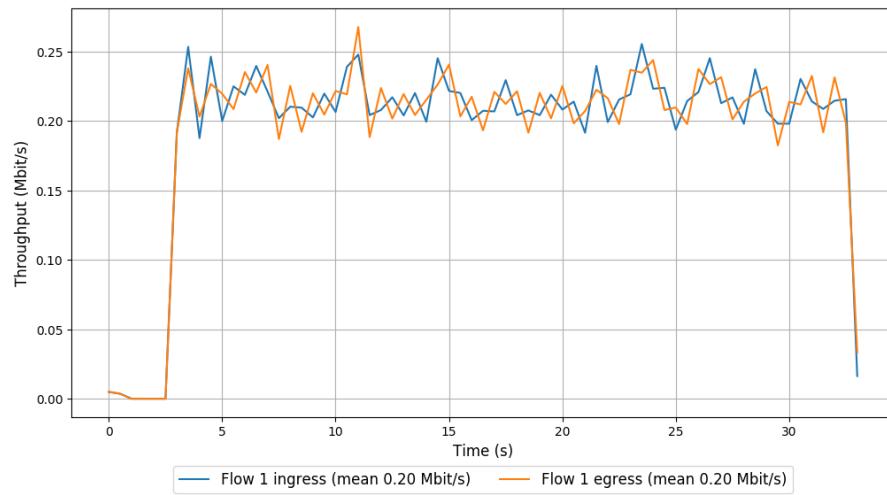


Run 3: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 02:14:05 +0000
End at: Tue, 04 Jul 2017 02:14:35 +0000
Local clock offset: -0.989 ms
Remote clock offset: -2.275 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.521 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.521 ms
Loss rate: 0.00%
```

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

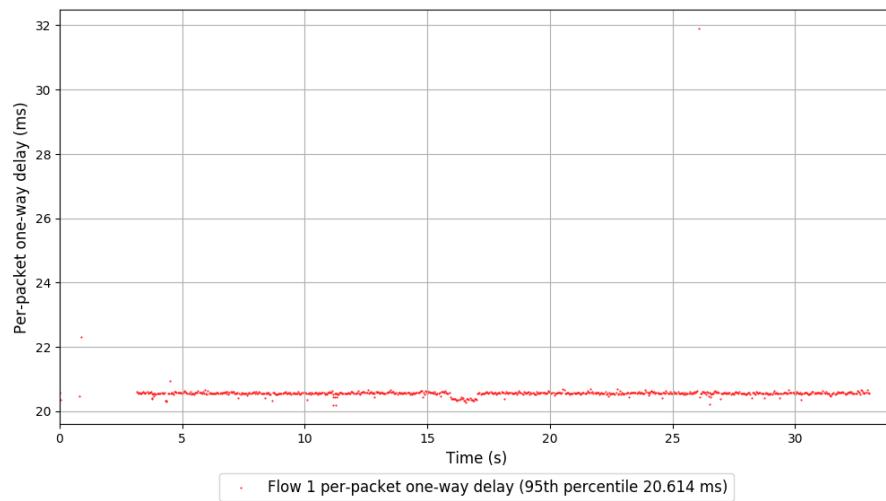
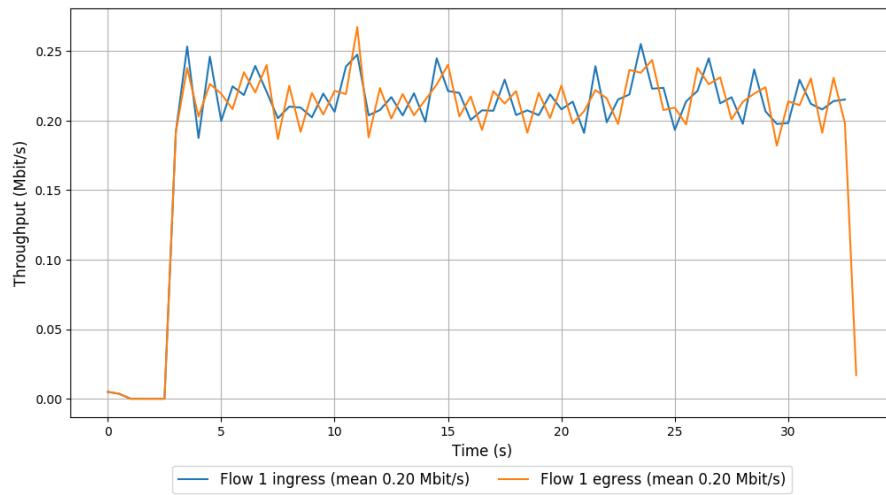


Run 4: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 02:33:29 +0000
End at: Tue, 04 Jul 2017 02:33:59 +0000
Local clock offset: -1.055 ms
Remote clock offset: -2.53 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.614 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.614 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

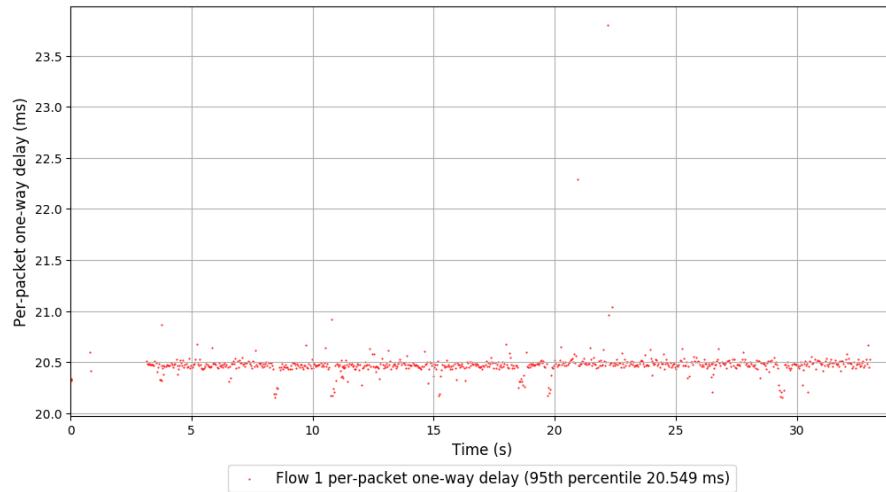
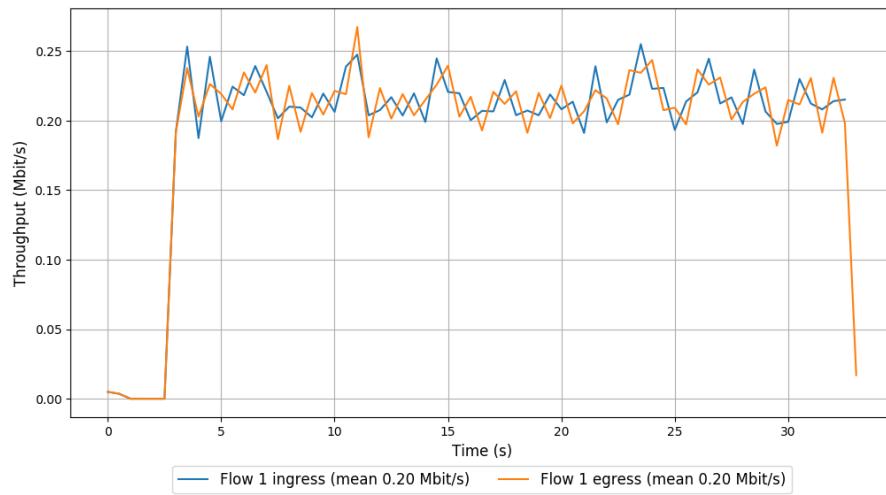


Run 5: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 02:53:07 +0000
End at: Tue, 04 Jul 2017 02:53:37 +0000
Local clock offset: -1.022 ms
Remote clock offset: -2.326 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.549 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.549 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

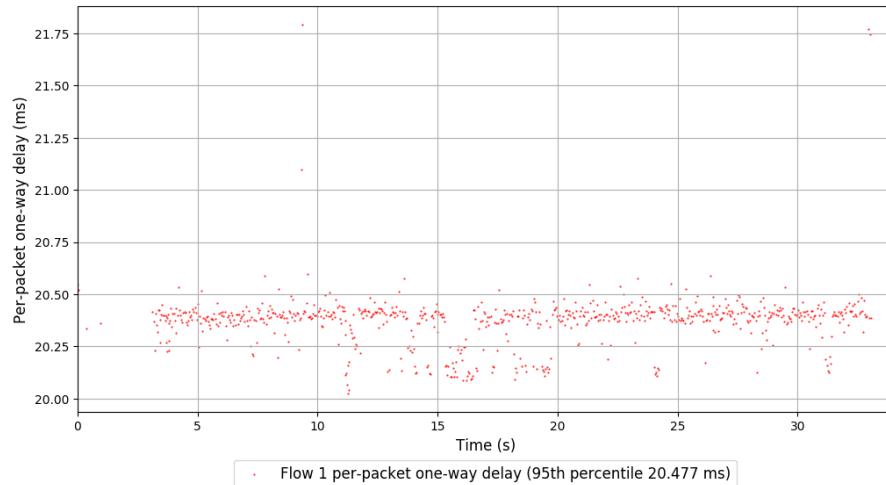
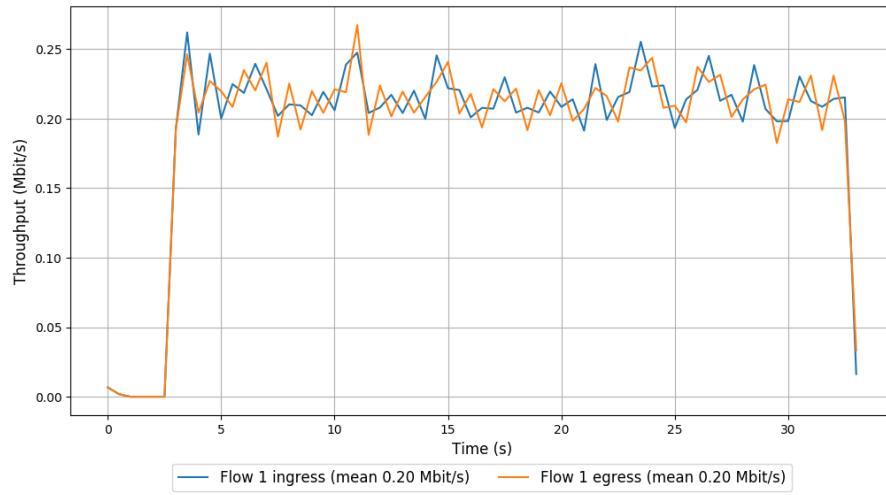


Run 6: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 03:12:55 +0000
End at: Tue, 04 Jul 2017 03:13:25 +0000
Local clock offset: -0.676 ms
Remote clock offset: -1.959 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.477 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.477 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

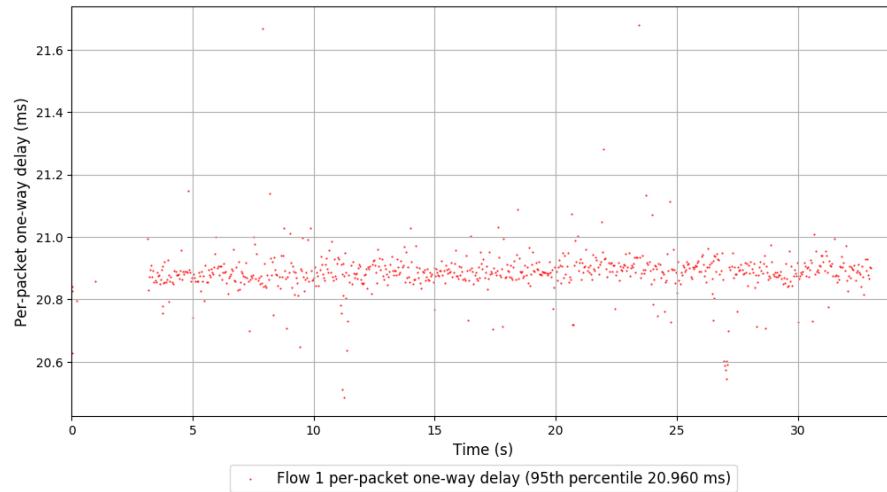
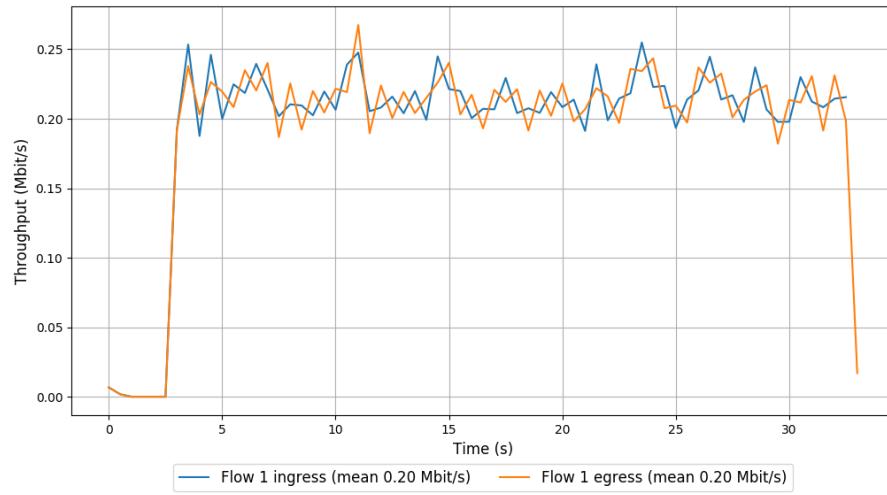


Run 7: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 03:31:42 +0000
End at: Tue, 04 Jul 2017 03:32:12 +0000
Local clock offset: -0.234 ms
Remote clock offset: -2.106 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.960 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 20.960 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

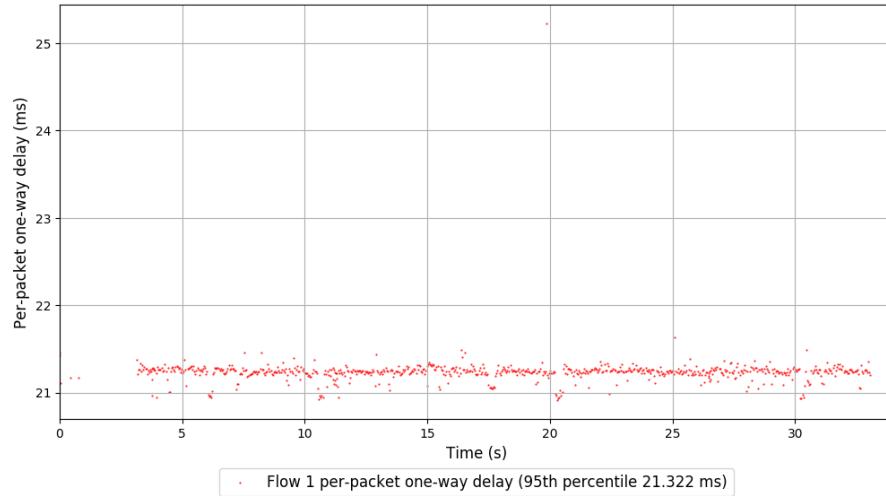
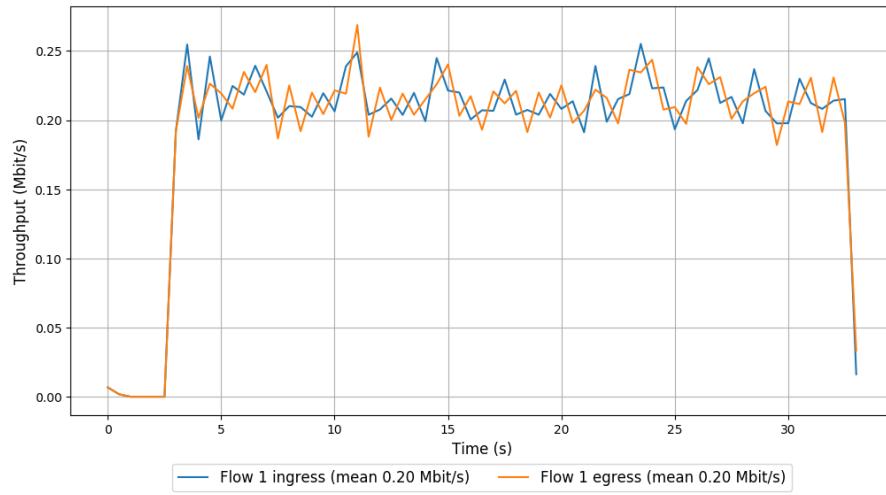


Run 8: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 03:51:01 +0000
End at: Tue, 04 Jul 2017 03:51:31 +0000
Local clock offset: 0.156 ms
Remote clock offset: -1.959 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 21.322 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 21.322 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

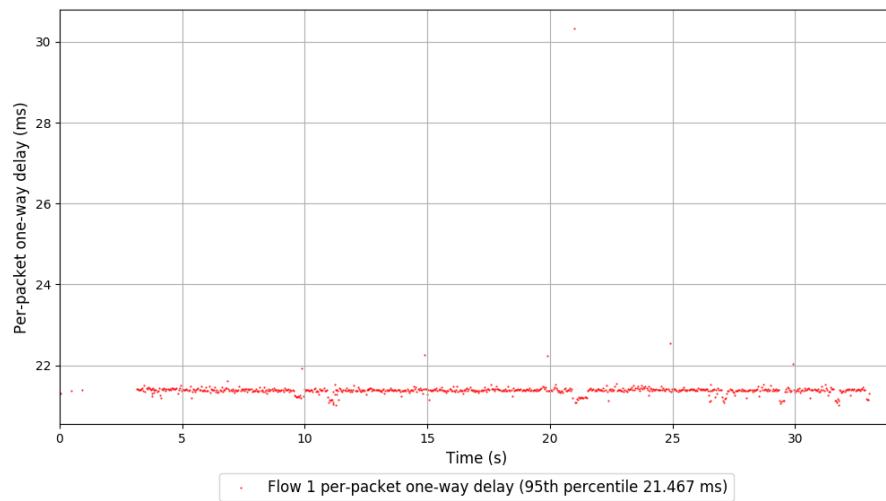
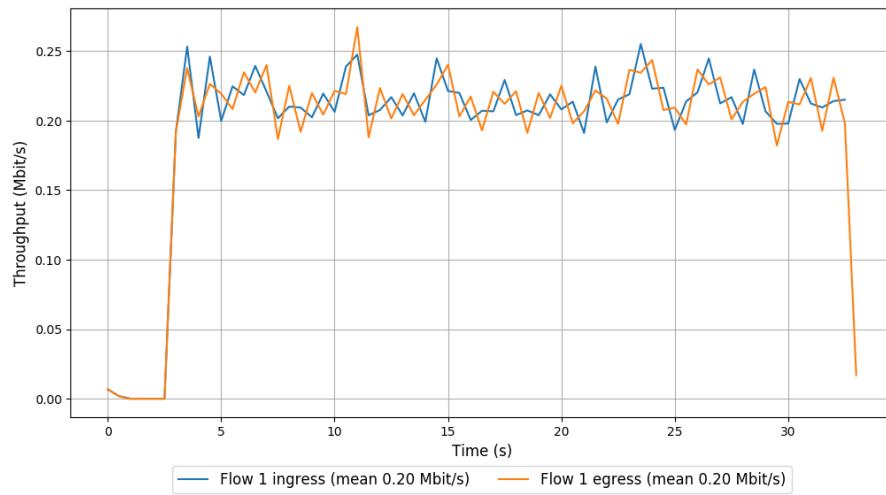


Run 9: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 04:10:30 +0000
End at: Tue, 04 Jul 2017 04:11:00 +0000
Local clock offset: 0.641 ms
Remote clock offset: -1.731 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 21.467 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 21.467 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

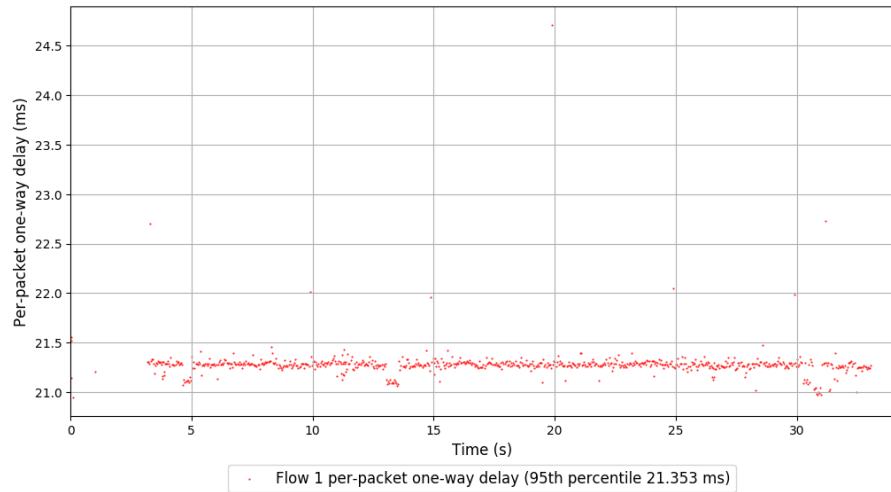
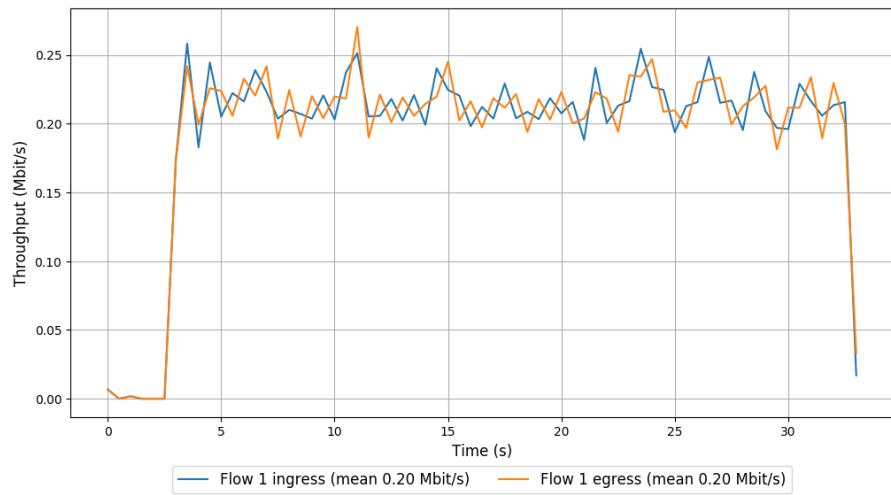


Run 10: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 04:30:02 +0000
End at: Tue, 04 Jul 2017 04:30:32 +0000
Local clock offset: 0.839 ms
Remote clock offset: -1.31 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 21.353 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 21.353 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

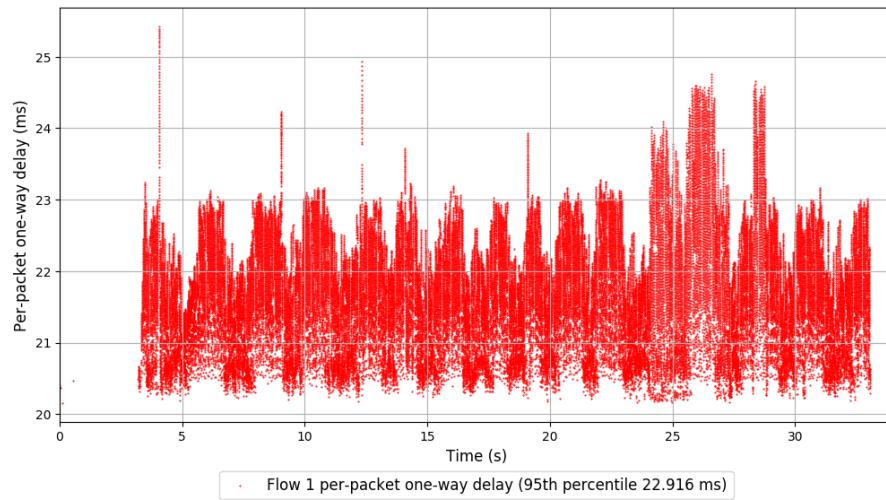
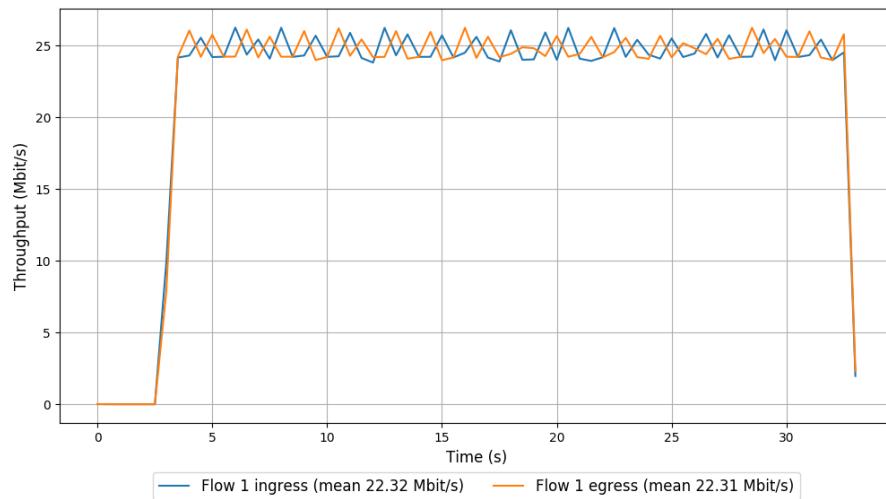


Run 1: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 01:51:50 +0000
End at: Tue, 04 Jul 2017 01:52:20 +0000
Local clock offset: -0.975 ms
Remote clock offset: -2.343 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.31 Mbit/s
95th percentile per-packet one-way delay: 22.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.31 Mbit/s
95th percentile per-packet one-way delay: 22.916 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

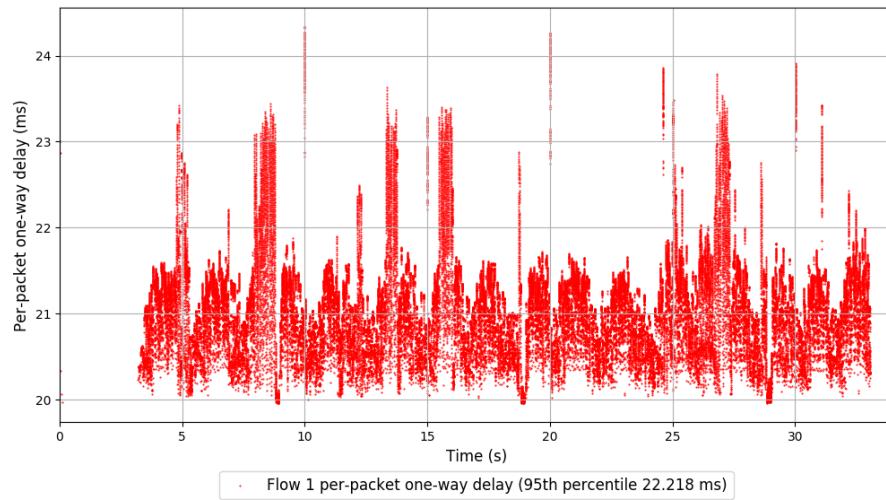
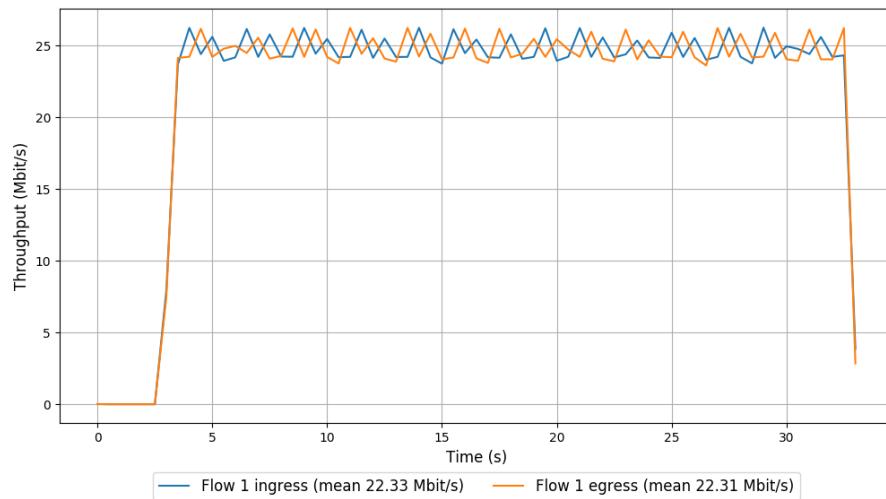


Run 2: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 02:11:37 +0000
End at: Tue, 04 Jul 2017 02:12:08 +0000
Local clock offset: -1.029 ms
Remote clock offset: -2.163 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.31 Mbit/s
95th percentile per-packet one-way delay: 22.218 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 22.31 Mbit/s
95th percentile per-packet one-way delay: 22.218 ms
Loss rate: 0.08%
```

## Run 2: Report of Sprout — Data Link

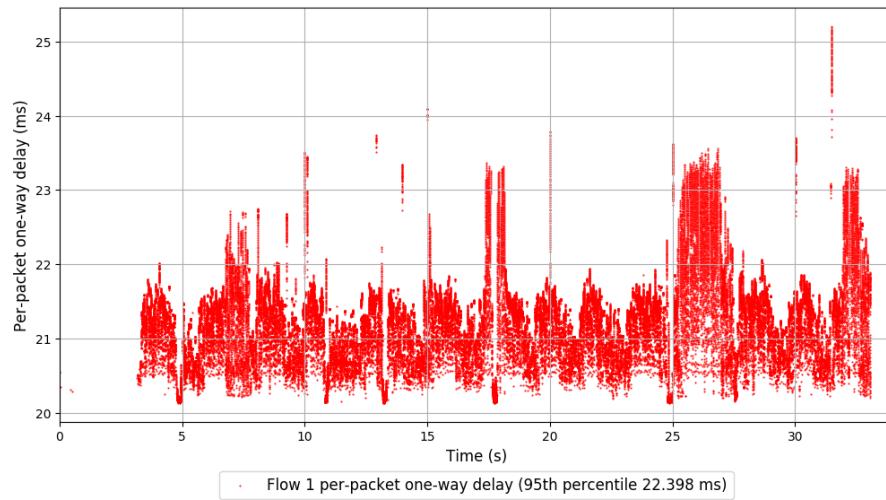
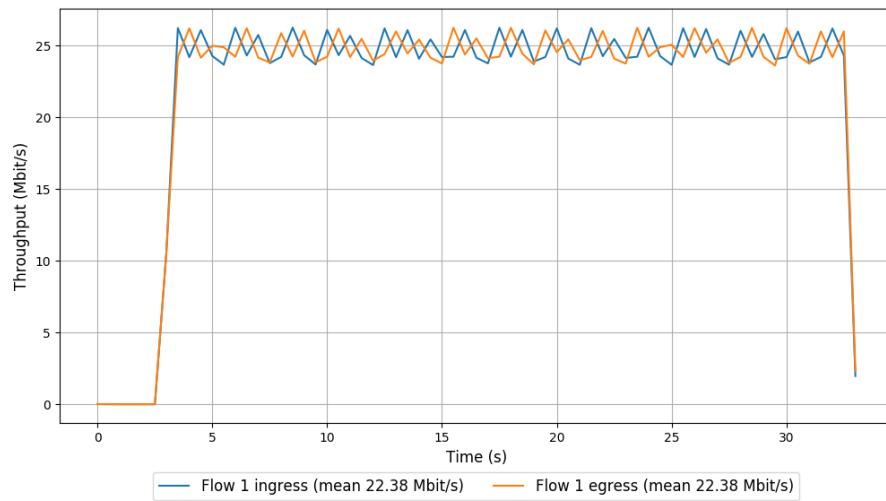


Run 3: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 02:31:02 +0000
End at: Tue, 04 Jul 2017 02:31:32 +0000
Local clock offset: -1.08 ms
Remote clock offset: -2.395 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 22.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 22.398 ms
Loss rate: 0.00%
```

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

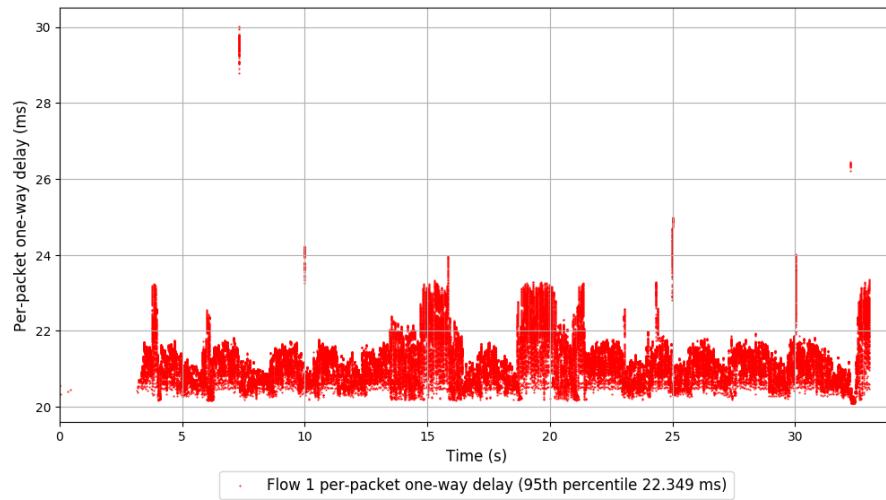
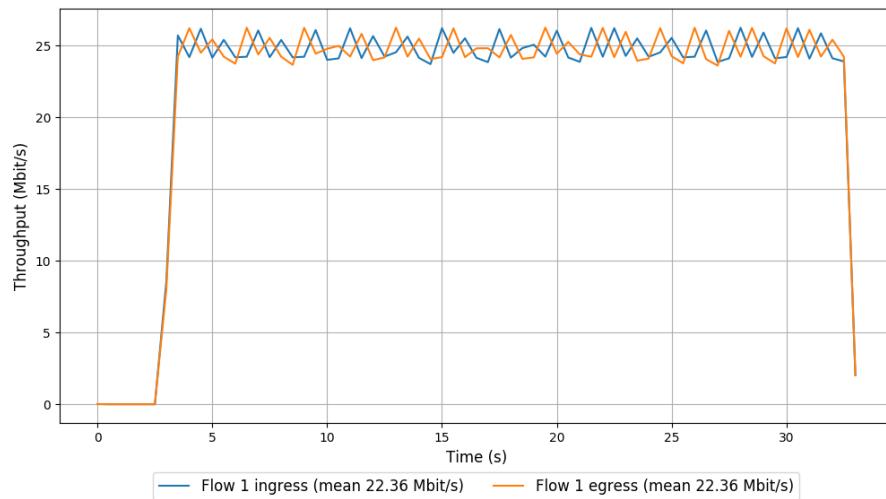


Run 4: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 02:50:40 +0000
End at: Tue, 04 Jul 2017 02:51:10 +0000
Local clock offset: -1.01 ms
Remote clock offset: -2.316 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 22.349 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 22.349 ms
Loss rate: 0.02%
```

## Run 4: Report of Sprout — Data Link

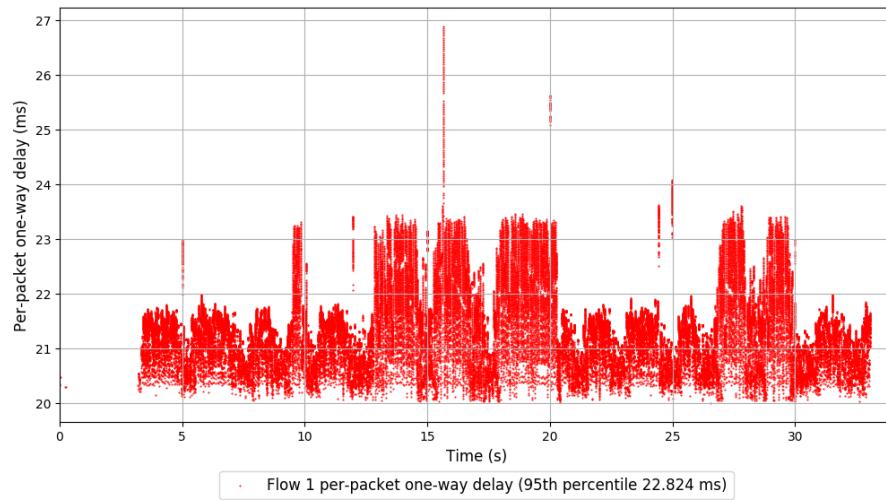
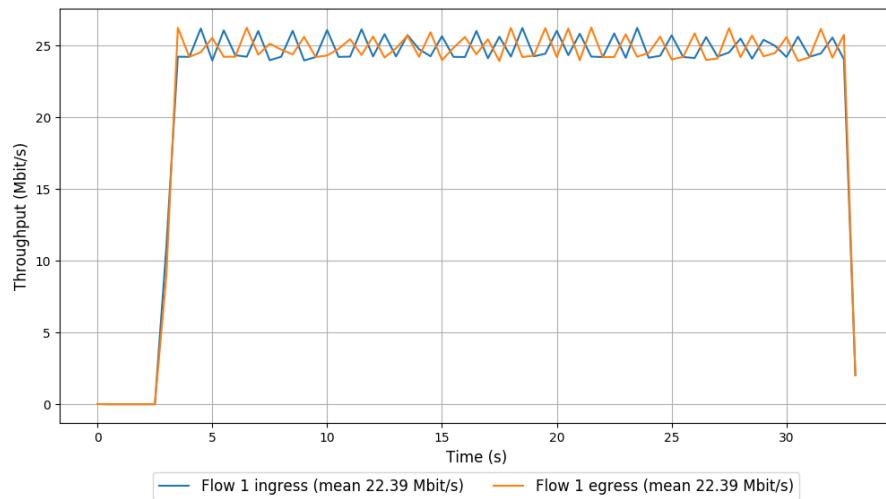


Run 5: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 03:10:28 +0000
End at: Tue, 04 Jul 2017 03:10:58 +0000
Local clock offset: -0.613 ms
Remote clock offset: -1.904 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 22.824 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 22.824 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

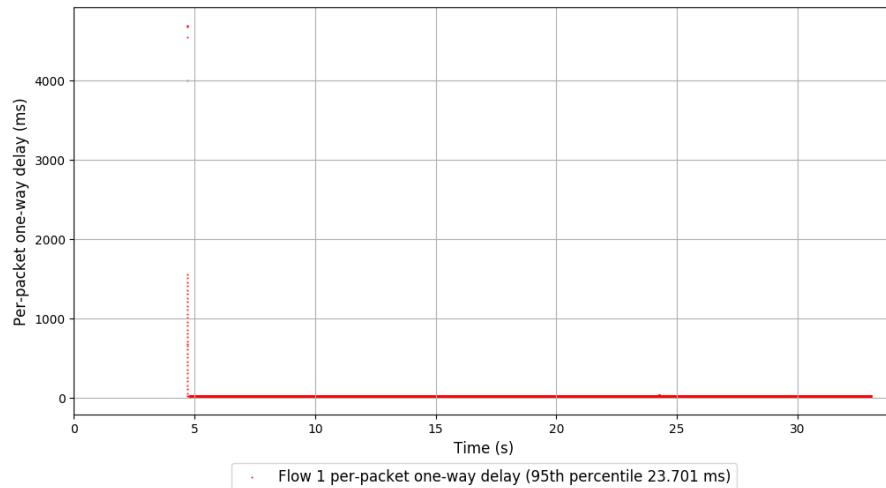
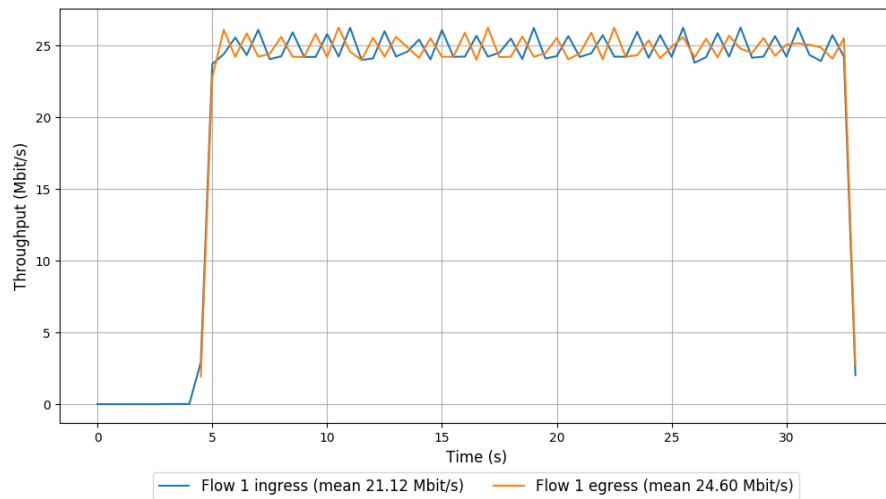


Run 6: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 03:29:14 +0000
End at: Tue, 04 Jul 2017 03:29:44 +0000
Local clock offset: -0.374 ms
Remote clock offset: -2.101 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 23.701 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 23.701 ms
Loss rate: 0.00%
```

## Run 6: Report of Sprout — Data Link

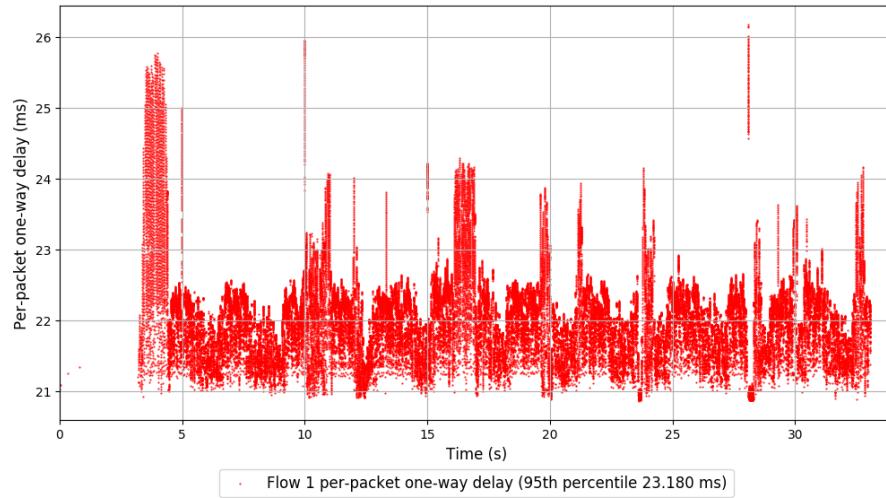
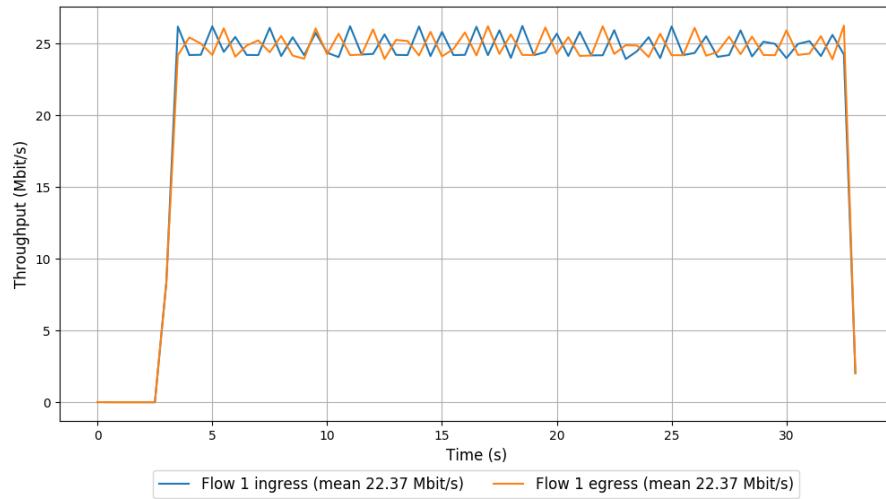


Run 7: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 03:48:33 +0000
End at: Tue, 04 Jul 2017 03:49:03 +0000
Local clock offset: 0.1 ms
Remote clock offset: -1.942 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 23.180 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 23.180 ms
Loss rate: 0.01%
```

## Run 7: Report of Sprout — Data Link

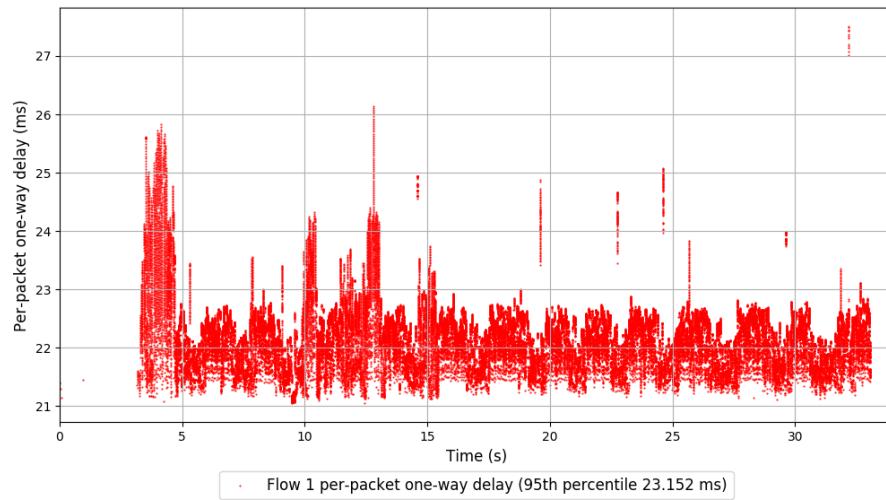
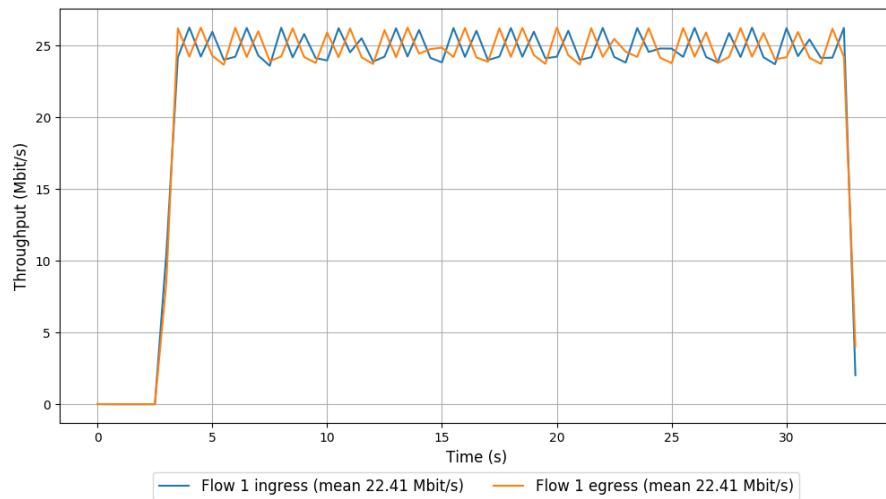


Run 8: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:08:03 +0000
End at: Tue, 04 Jul 2017 04:08:33 +0000
Local clock offset: 0.609 ms
Remote clock offset: -1.796 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.41 Mbit/s
95th percentile per-packet one-way delay: 23.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.41 Mbit/s
95th percentile per-packet one-way delay: 23.152 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

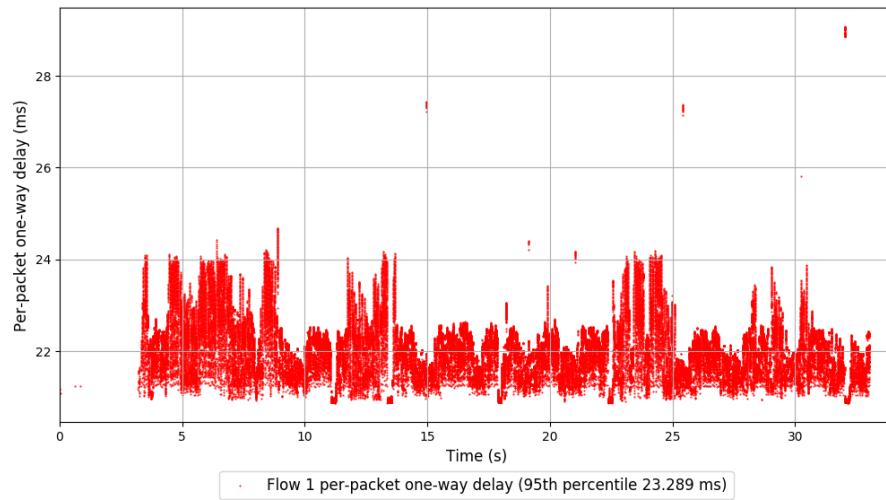
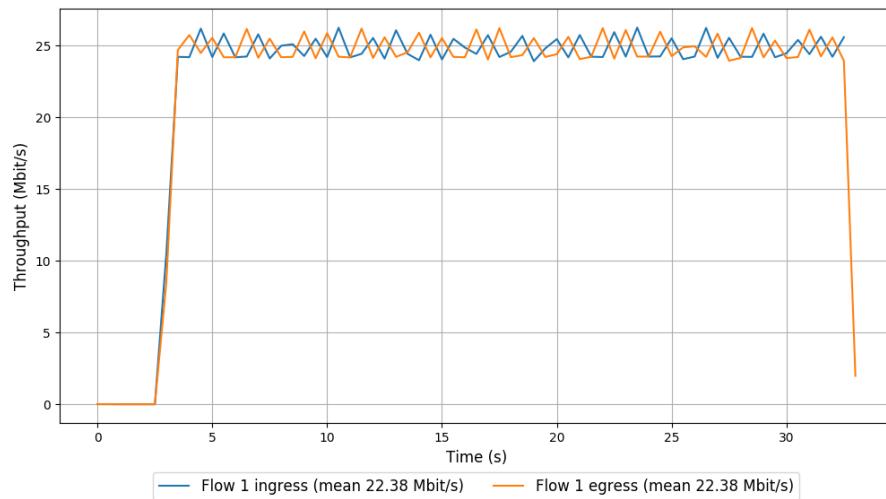


Run 9: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:27:34 +0000
End at: Tue, 04 Jul 2017 04:28:04 +0000
Local clock offset: 0.91 ms
Remote clock offset: -1.358 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 23.289 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 23.289 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

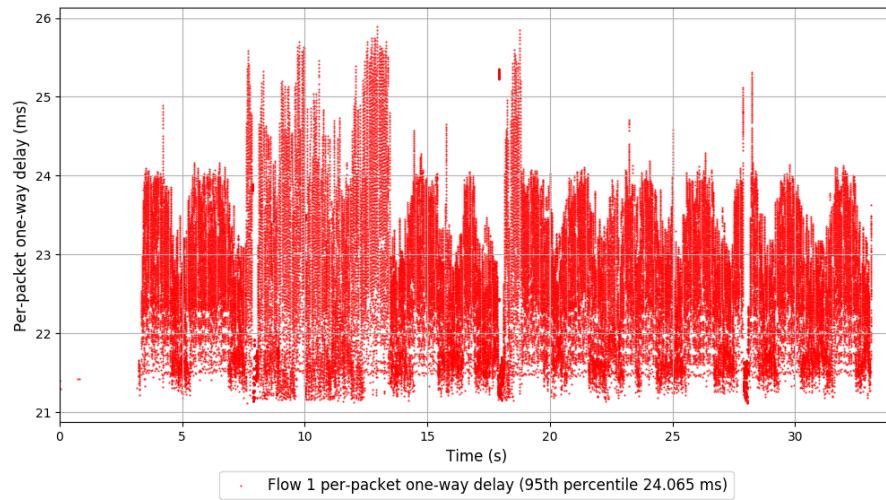
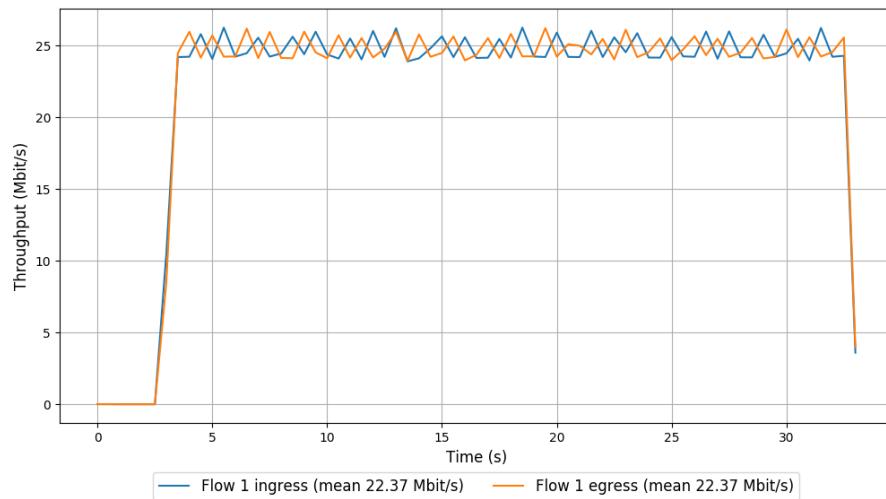


Run 10: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:47:08 +0000
End at: Tue, 04 Jul 2017 04:47:38 +0000
Local clock offset: 1.063 ms
Remote clock offset: -1.251 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:04:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 24.065 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 24.065 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 01:43:24 +0000

End at: Tue, 04 Jul 2017 01:43:54 +0000

Local clock offset: -0.988 ms

Remote clock offset: -2.197 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:05:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 225.58 Mbit/s

95th percentile per-packet one-way delay: 20.187 ms

Loss rate: 0.16%

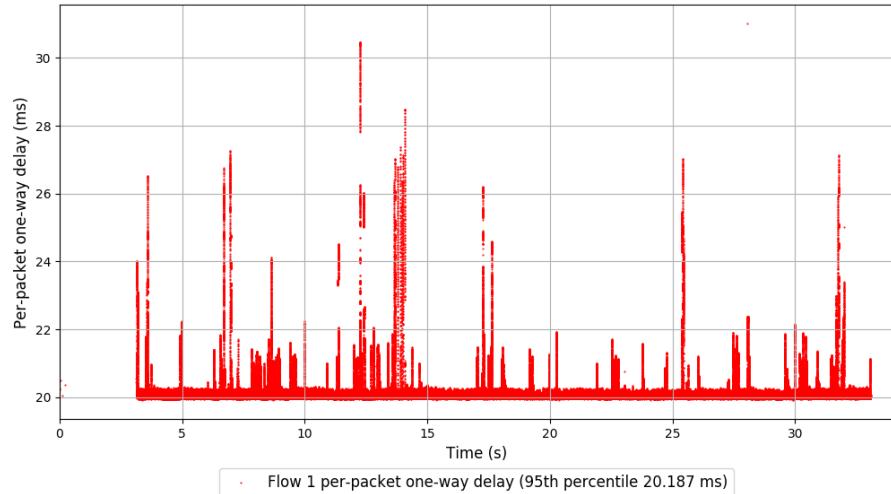
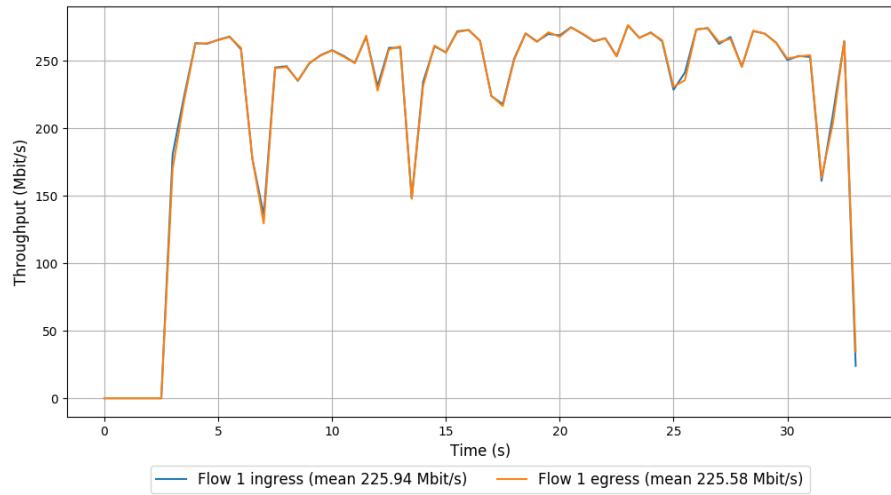
-- Flow 1:

Average throughput: 225.58 Mbit/s

95th percentile per-packet one-way delay: 20.187 ms

Loss rate: 0.16%

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

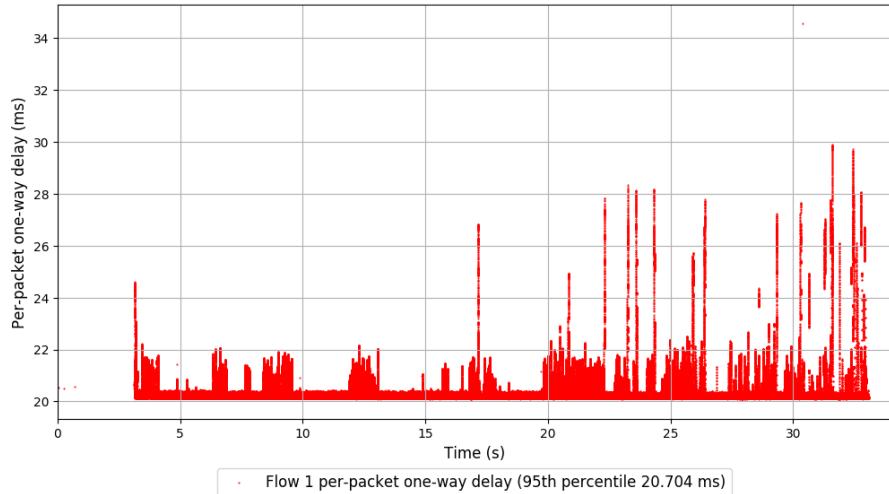
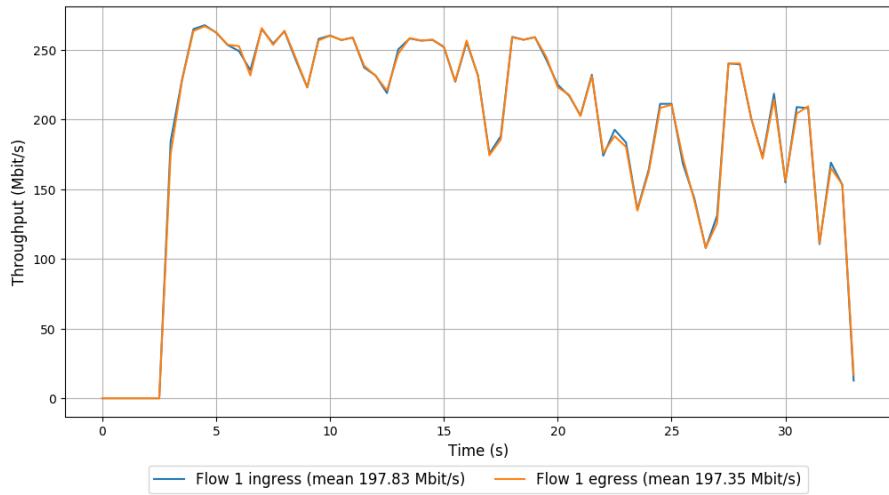


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 02:03:18 +0000
End at: Tue, 04 Jul 2017 02:03:48 +0000
Local clock offset: -0.952 ms
Remote clock offset: -2.41 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:05:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 197.35 Mbit/s
95th percentile per-packet one-way delay: 20.704 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 197.35 Mbit/s
95th percentile per-packet one-way delay: 20.704 ms
Loss rate: 0.26%
```

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

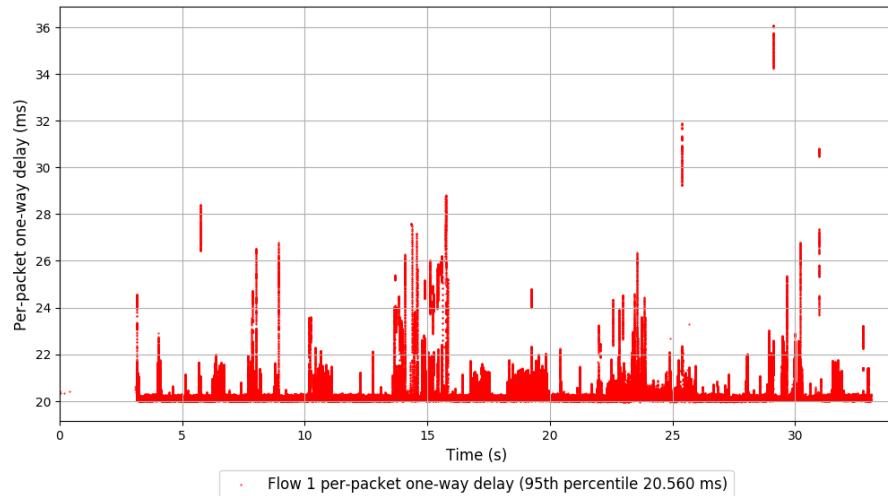
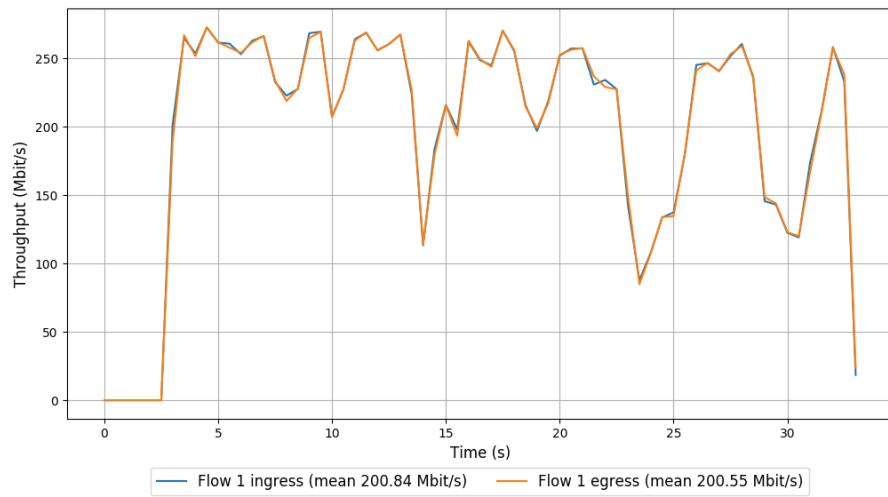


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 02:22:41 +0000
End at: Tue, 04 Jul 2017 02:23:11 +0000
Local clock offset: -1.017 ms
Remote clock offset: -2.37 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:06:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 200.55 Mbit/s
95th percentile per-packet one-way delay: 20.560 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 200.55 Mbit/s
95th percentile per-packet one-way delay: 20.560 ms
Loss rate: 0.15%
```

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

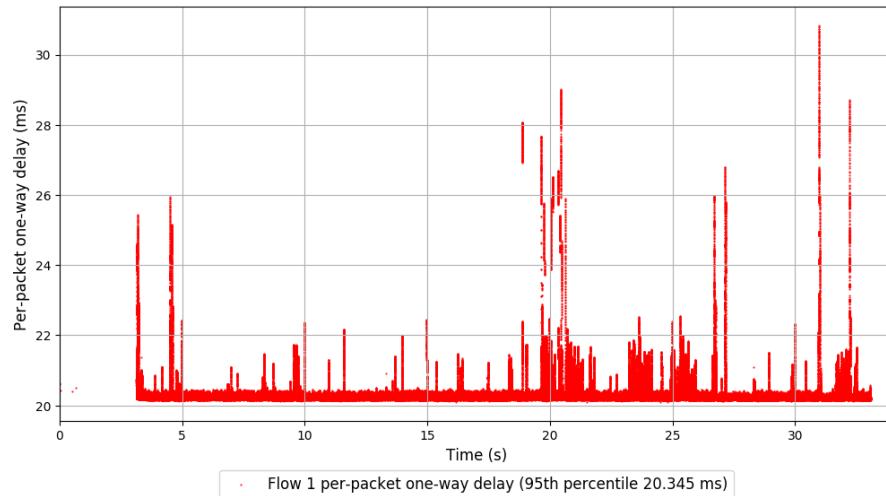
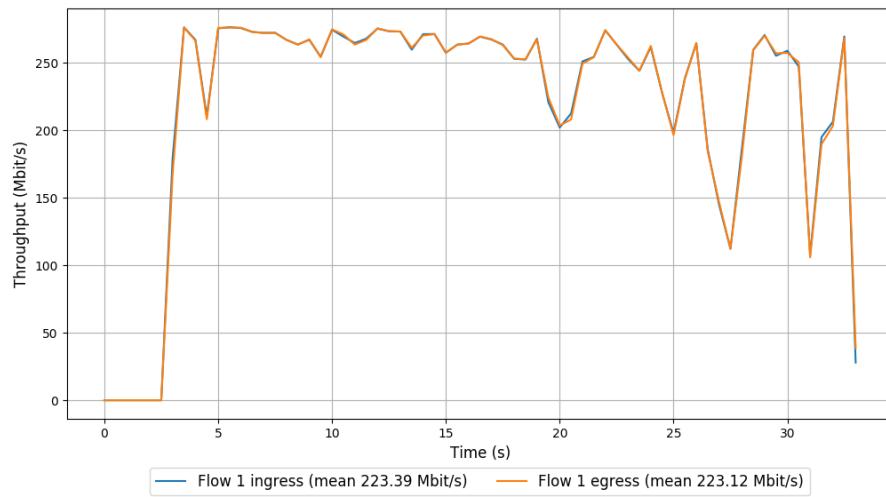


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 02:42:08 +0000
End at: Tue, 04 Jul 2017 02:42:38 +0000
Local clock offset: -0.95 ms
Remote clock offset: -2.432 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:06:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 223.12 Mbit/s
95th percentile per-packet one-way delay: 20.345 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 223.12 Mbit/s
95th percentile per-packet one-way delay: 20.345 ms
Loss rate: 0.12%
```

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

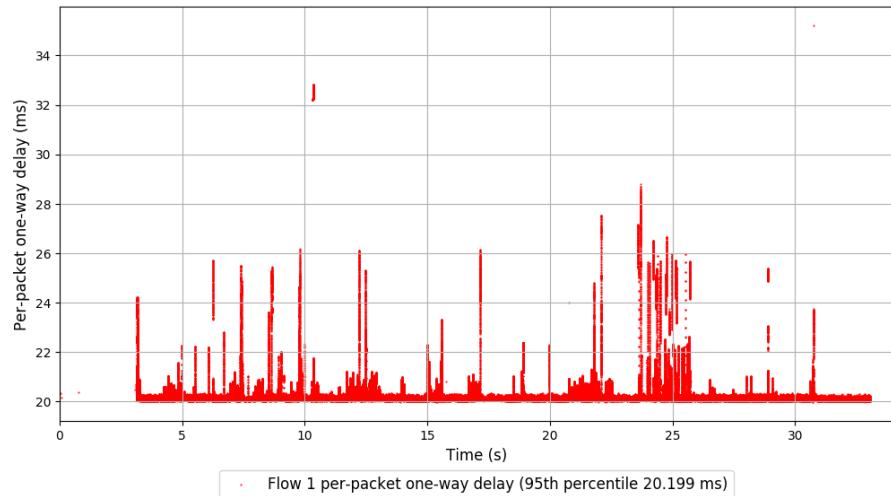
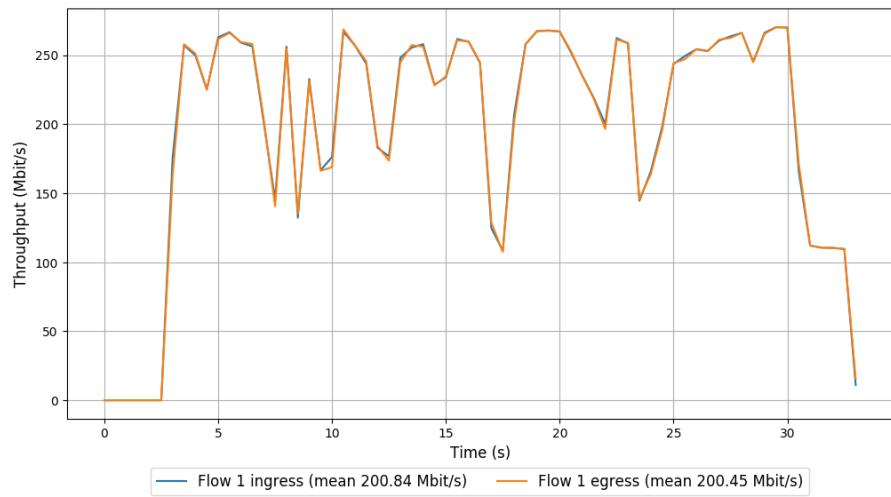


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 03:02:08 +0000
End at: Tue, 04 Jul 2017 03:02:38 +0000
Local clock offset: -0.887 ms
Remote clock offset: -2.195 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:07:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 200.45 Mbit/s
95th percentile per-packet one-way delay: 20.199 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 200.45 Mbit/s
95th percentile per-packet one-way delay: 20.199 ms
Loss rate: 0.19%
```

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

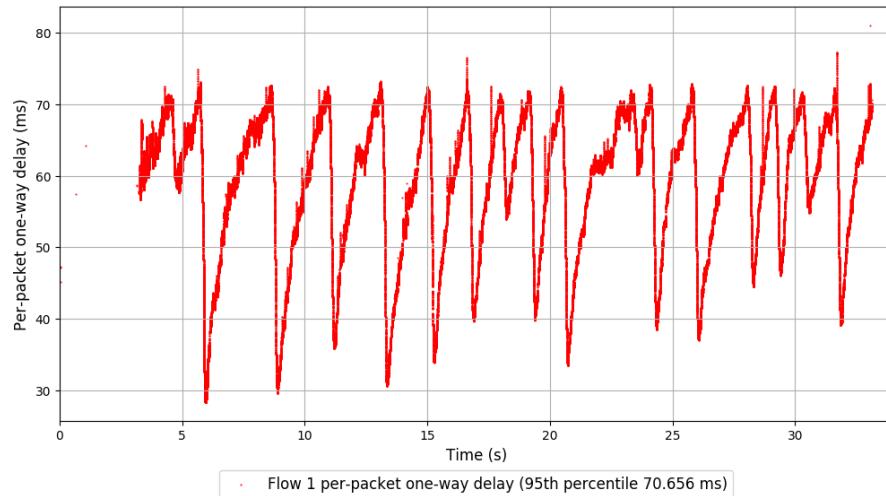
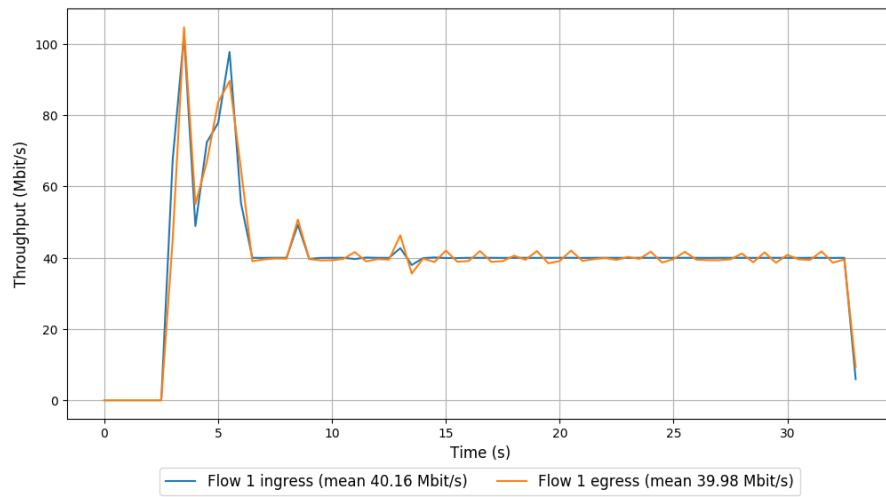


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 03:21:51 +0000
End at: Tue, 04 Jul 2017 03:22:21 +0000
Local clock offset: -0.543 ms
Remote clock offset: -2.033 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:07:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.98 Mbit/s
95th percentile per-packet one-way delay: 70.656 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 39.98 Mbit/s
95th percentile per-packet one-way delay: 70.656 ms
Loss rate: 0.46%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 03:40:14 +0000

End at: Tue, 04 Jul 2017 03:40:44 +0000

Local clock offset: -0.026 ms

Remote clock offset: -2.003 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:07:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 222.86 Mbit/s

95th percentile per-packet one-way delay: 20.830 ms

Loss rate: 0.09%

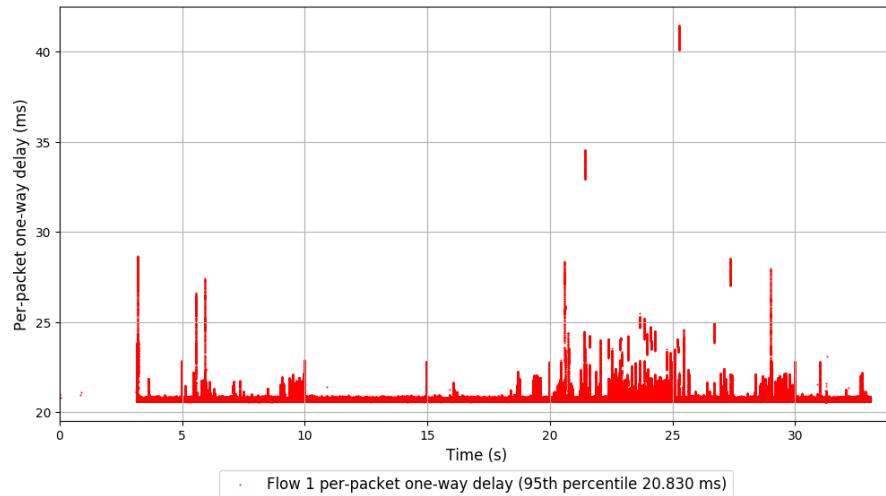
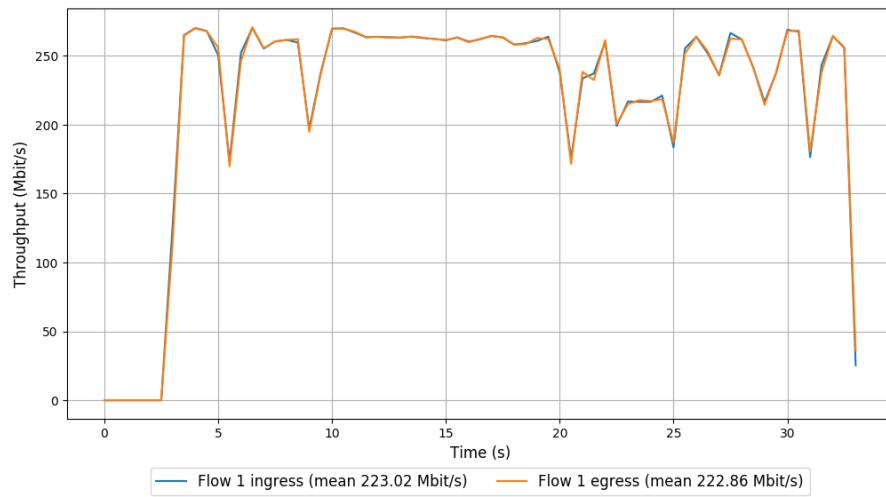
-- Flow 1:

Average throughput: 222.86 Mbit/s

95th percentile per-packet one-way delay: 20.830 ms

Loss rate: 0.09%

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

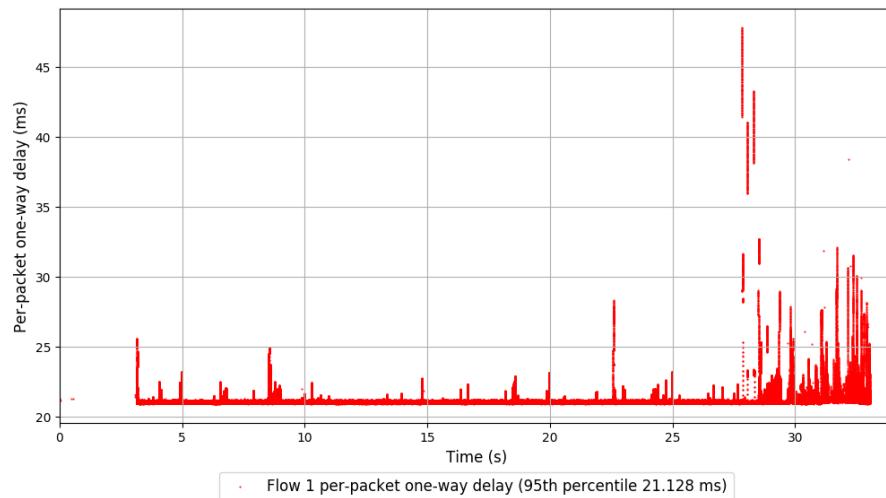
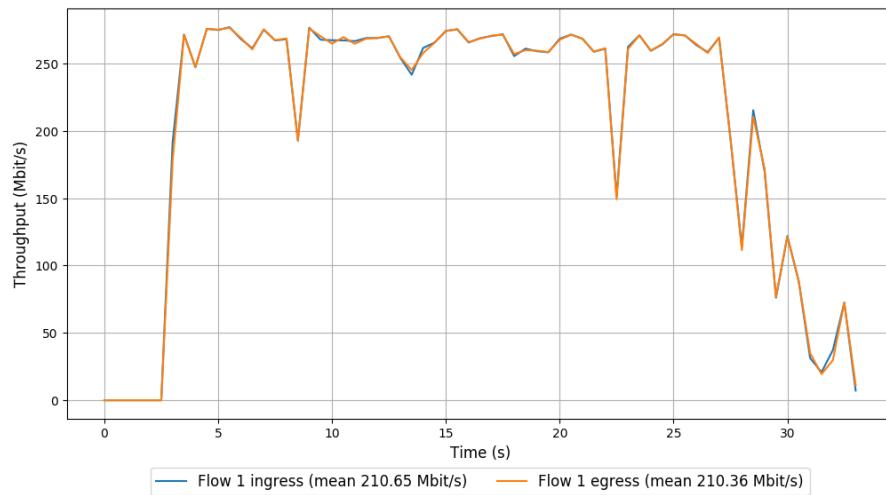


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 03:59:33 +0000
End at: Tue, 04 Jul 2017 04:00:03 +0000
Local clock offset: 0.336 ms
Remote clock offset: -1.886 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:08:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 210.36 Mbit/s
95th percentile per-packet one-way delay: 21.128 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 210.36 Mbit/s
95th percentile per-packet one-way delay: 21.128 ms
Loss rate: 0.16%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 04:19:04 +0000

End at: Tue, 04 Jul 2017 04:19:34 +0000

Local clock offset: 0.784 ms

Remote clock offset: -1.568 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:08:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 223.70 Mbit/s

95th percentile per-packet one-way delay: 21.079 ms

Loss rate: 0.10%

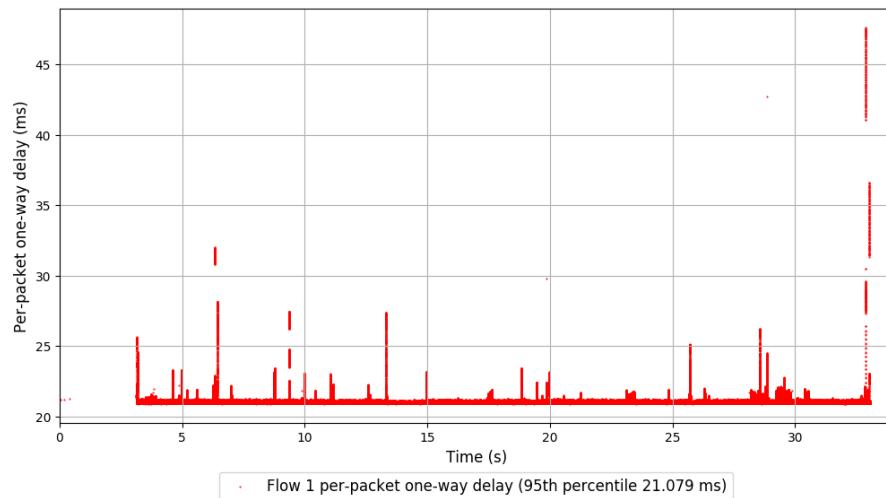
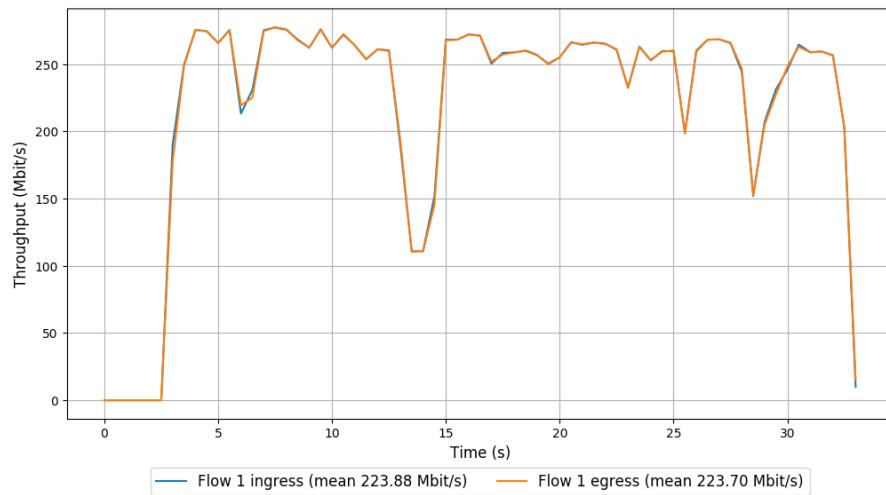
-- Flow 1:

Average throughput: 223.70 Mbit/s

95th percentile per-packet one-way delay: 21.079 ms

Loss rate: 0.10%

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

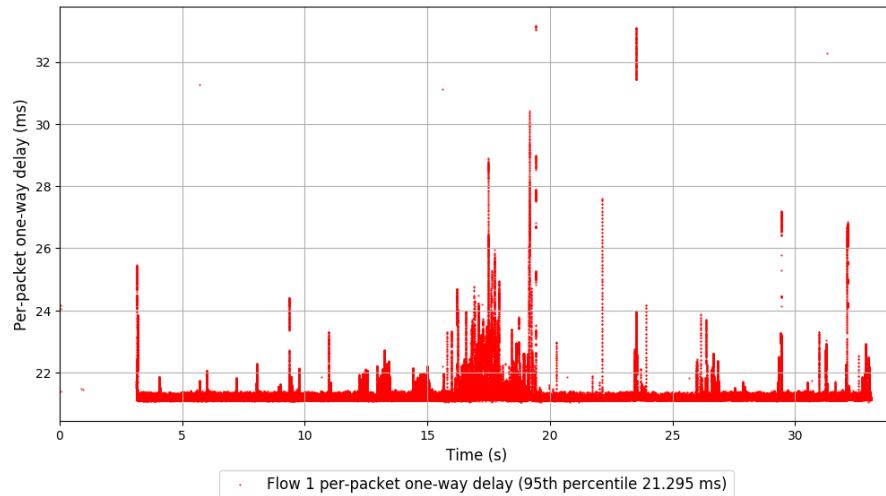
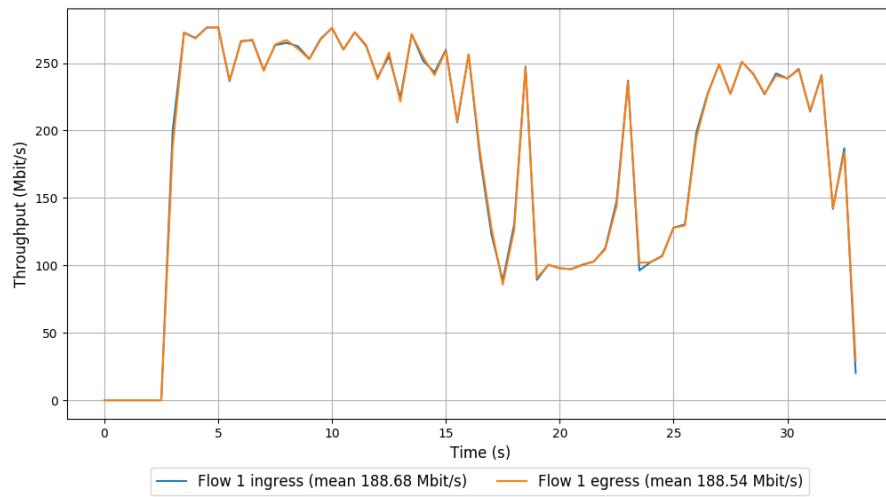


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 04:38:47 +0000
End at: Tue, 04 Jul 2017 04:39:17 +0000
Local clock offset: 1.009 ms
Remote clock offset: -1.296 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:09:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.54 Mbit/s
95th percentile per-packet one-way delay: 21.295 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 188.54 Mbit/s
95th percentile per-packet one-way delay: 21.295 ms
Loss rate: 0.09%
```

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

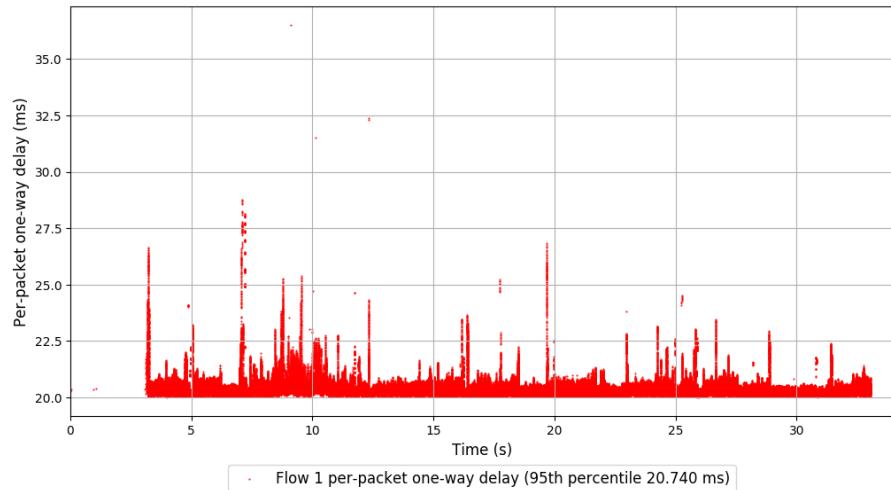
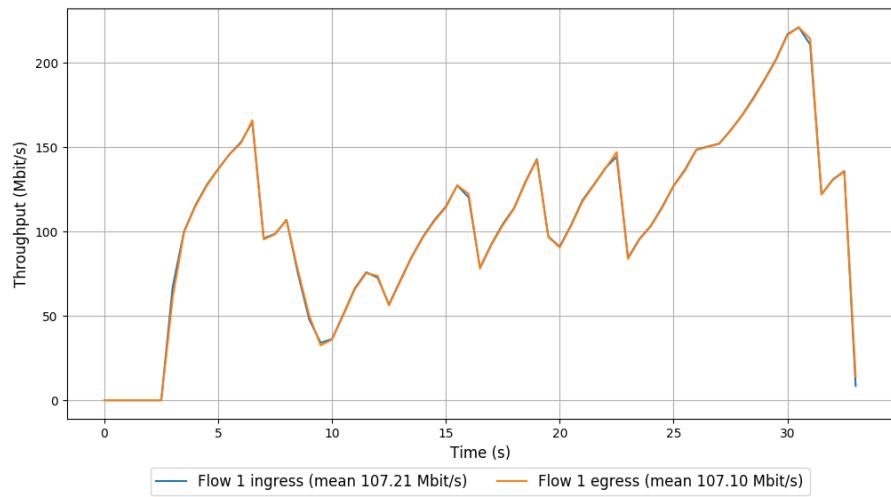


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 01:44:56 +0000
End at: Tue, 04 Jul 2017 01:45:26 +0000
Local clock offset: -0.922 ms
Remote clock offset: -2.301 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:09:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.10 Mbit/s
95th percentile per-packet one-way delay: 20.740 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 107.10 Mbit/s
95th percentile per-packet one-way delay: 20.740 ms
Loss rate: 0.13%
```

Run 1: Report of TCP Vegas — Data Link

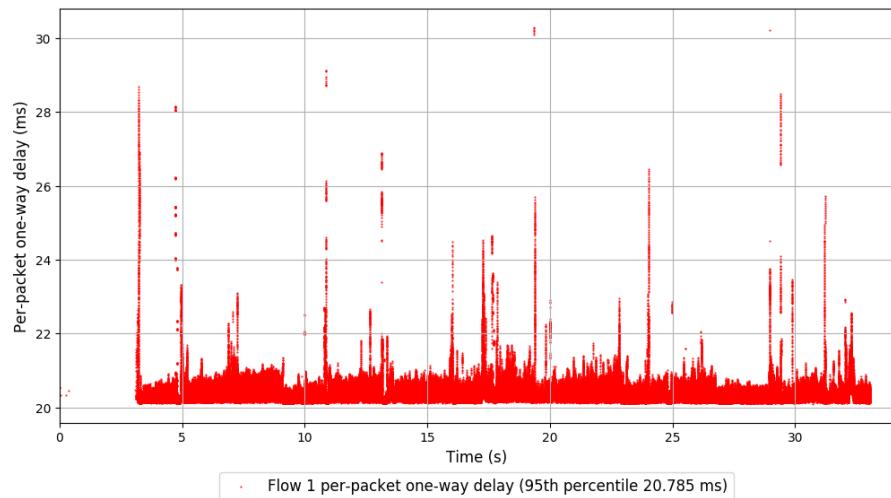
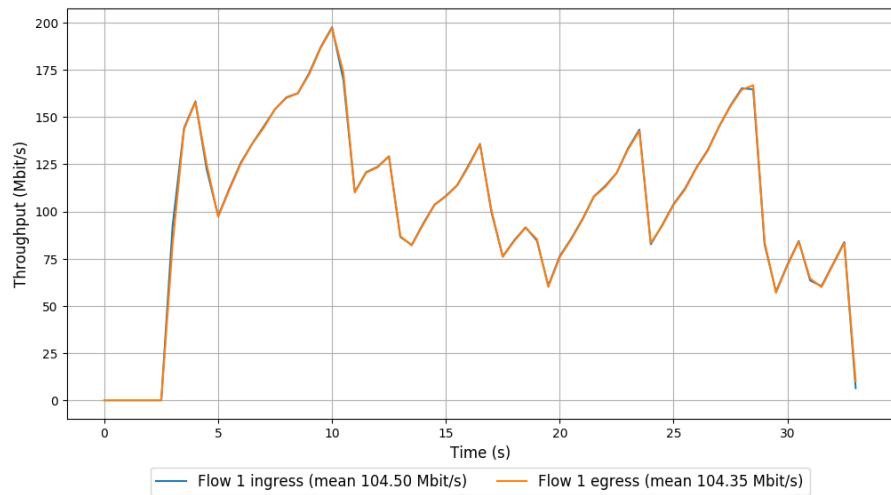


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 02:04:47 +0000
End at: Tue, 04 Jul 2017 02:05:17 +0000
Local clock offset: -0.981 ms
Remote clock offset: -2.25 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:09:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 104.35 Mbit/s
95th percentile per-packet one-way delay: 20.785 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 104.35 Mbit/s
95th percentile per-packet one-way delay: 20.785 ms
Loss rate: 0.17%
```

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

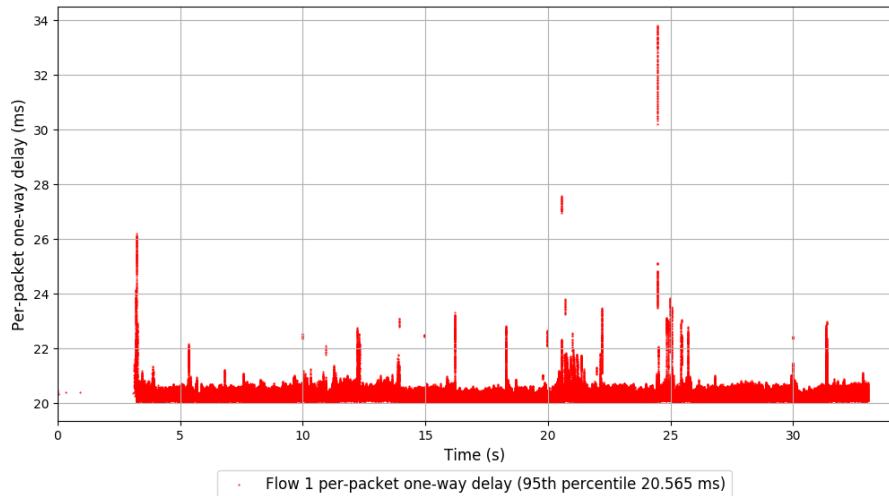
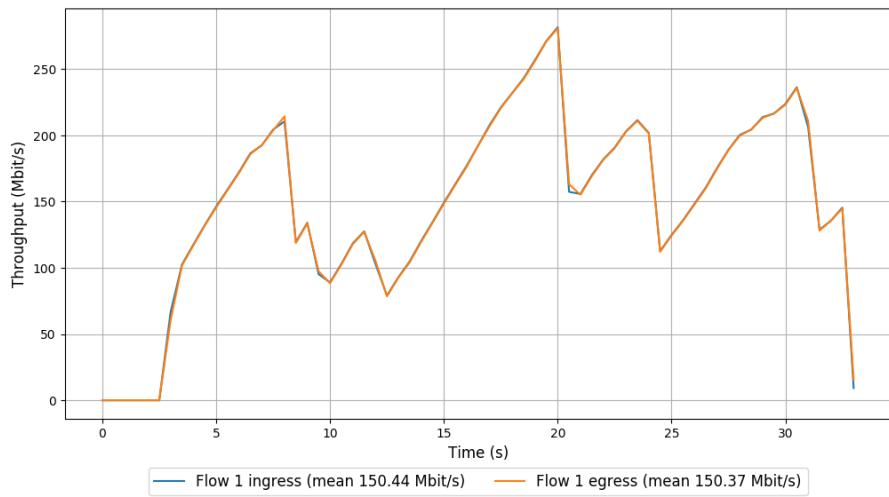


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 02:24:10 +0000
End at: Tue, 04 Jul 2017 02:24:40 +0000
Local clock offset: -1.094 ms
Remote clock offset: -2.332 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:09:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 150.37 Mbit/s
95th percentile per-packet one-way delay: 20.565 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 150.37 Mbit/s
95th percentile per-packet one-way delay: 20.565 ms
Loss rate: 0.08%
```

Run 3: Report of TCP Vegas — Data Link

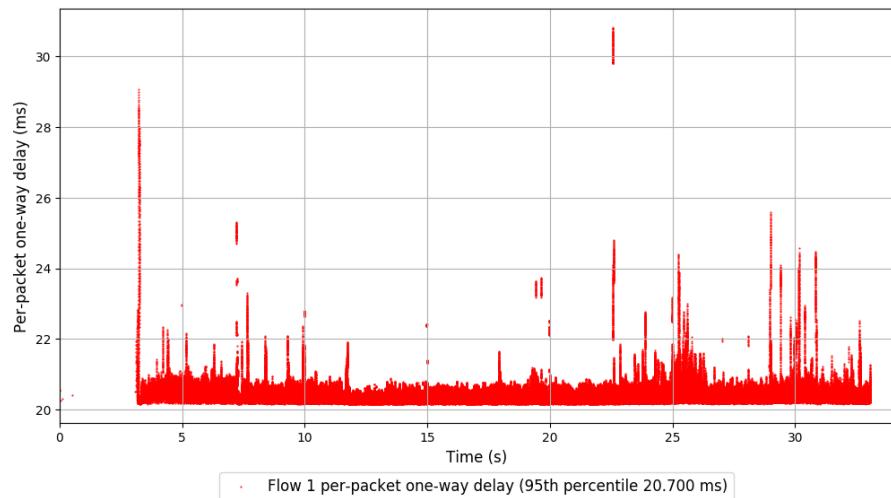
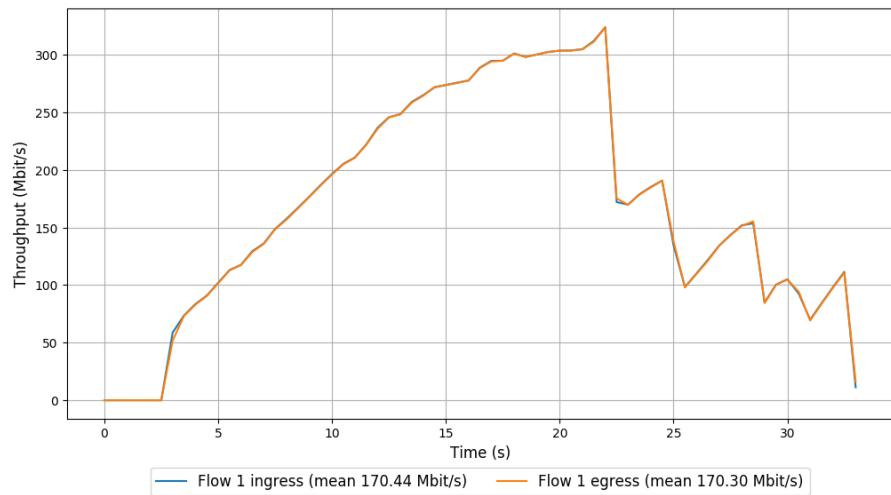


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 02:43:39 +0000
End at: Tue, 04 Jul 2017 02:44:09 +0000
Local clock offset: -0.99 ms
Remote clock offset: -2.48 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:09:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 170.30 Mbit/s
95th percentile per-packet one-way delay: 20.700 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 170.30 Mbit/s
95th percentile per-packet one-way delay: 20.700 ms
Loss rate: 0.08%
```

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

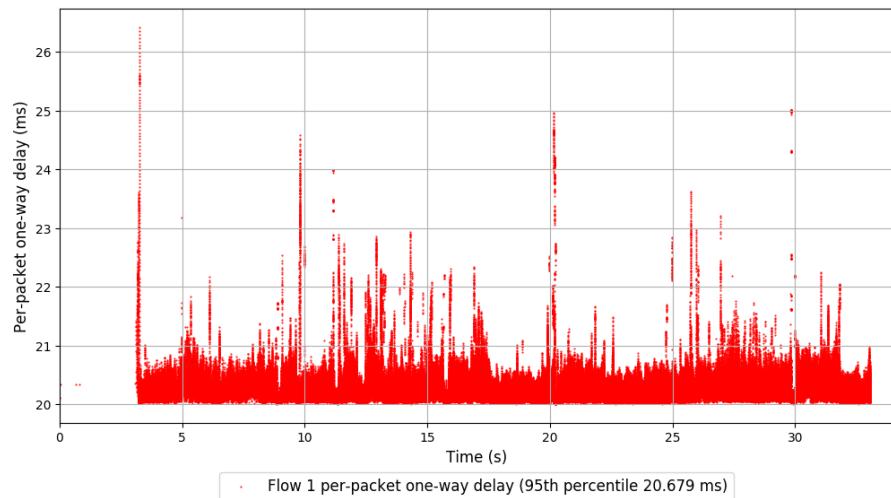
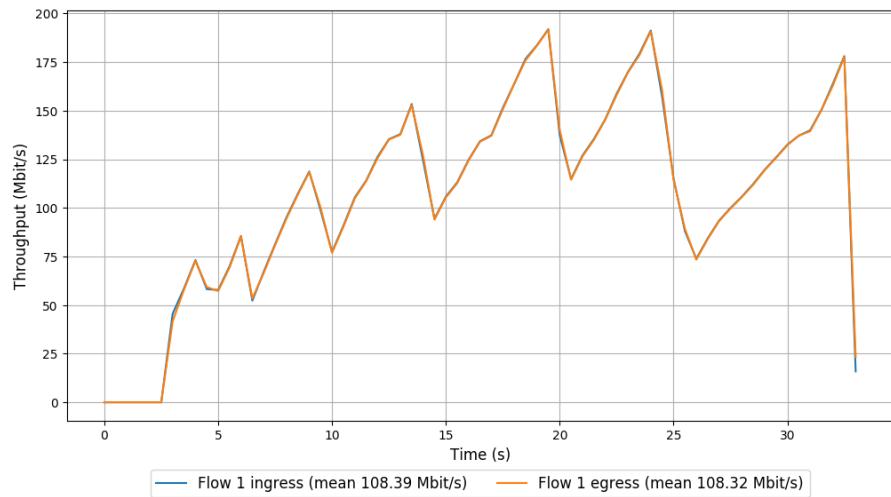


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 03:03:37 +0000
End at: Tue, 04 Jul 2017 03:04:07 +0000
Local clock offset: -0.841 ms
Remote clock offset: -2.059 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:09:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.32 Mbit/s
95th percentile per-packet one-way delay: 20.679 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 108.32 Mbit/s
95th percentile per-packet one-way delay: 20.679 ms
Loss rate: 0.06%
```

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

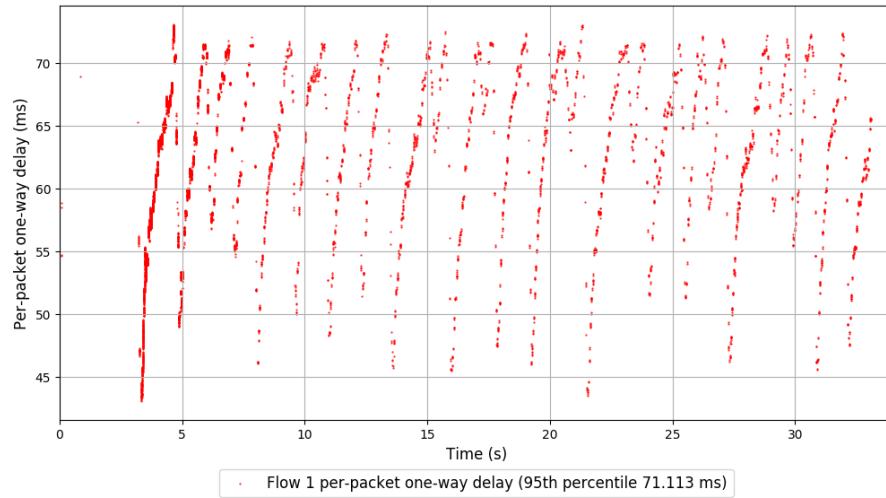
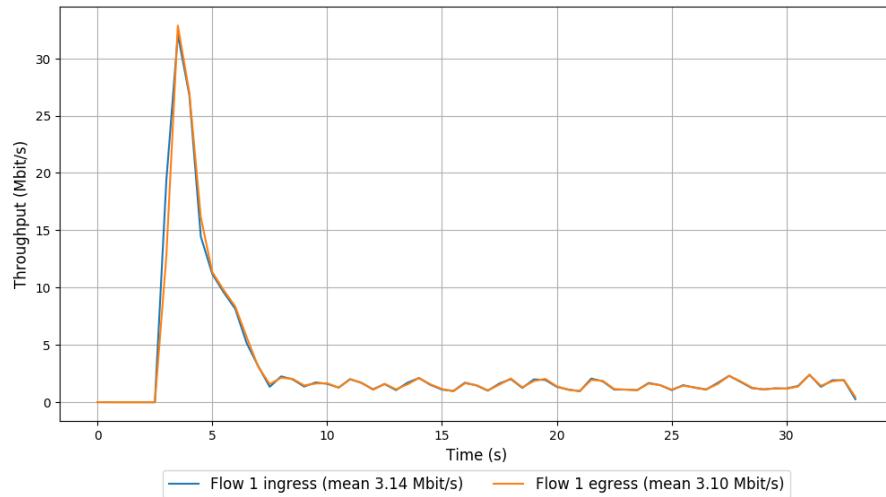


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 03:23:06 +0000
End at: Tue, 04 Jul 2017 03:23:36 +0000
Local clock offset: -0.527 ms
Remote clock offset: -2.009 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:09:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 71.113 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 71.113 ms
Loss rate: 1.24%
```

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

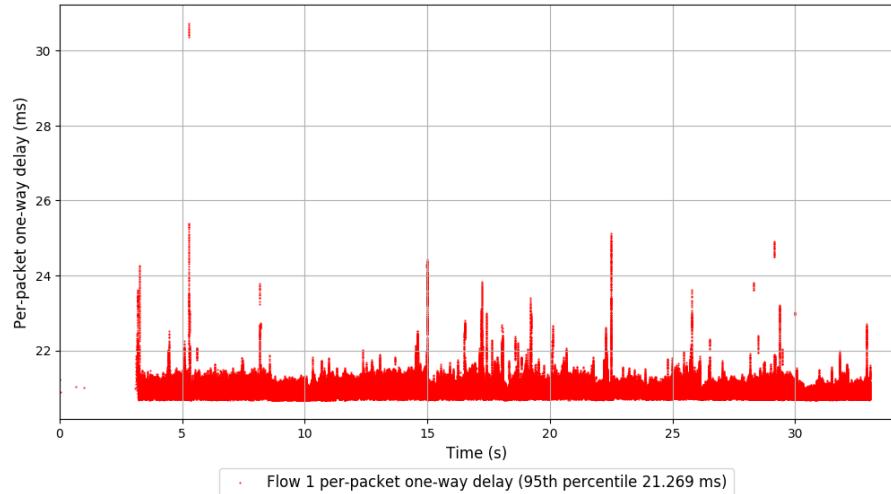
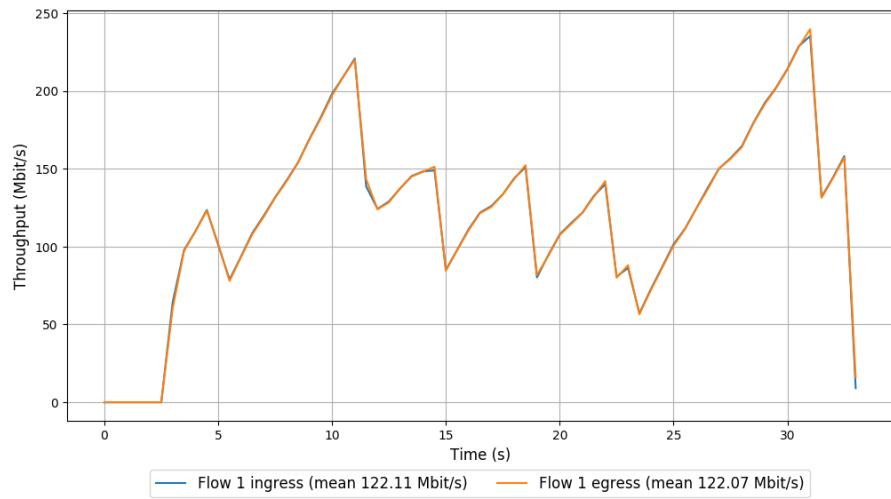


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 03:41:45 +0000
End at: Tue, 04 Jul 2017 03:42:15 +0000
Local clock offset: -0.051 ms
Remote clock offset: -1.994 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:10:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 122.07 Mbit/s
95th percentile per-packet one-way delay: 21.269 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 122.07 Mbit/s
95th percentile per-packet one-way delay: 21.269 ms
Loss rate: 0.03%
```

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

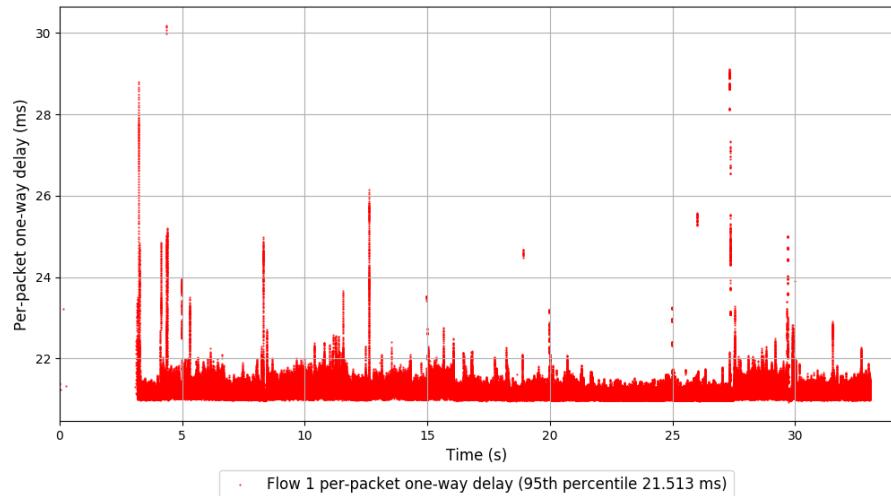
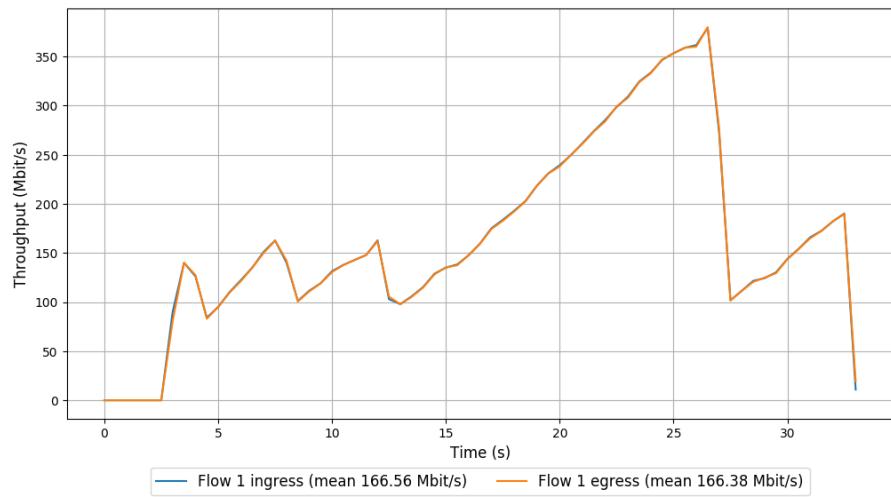


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:01:03 +0000
End at: Tue, 04 Jul 2017 04:01:33 +0000
Local clock offset: 0.463 ms
Remote clock offset: -1.852 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:10:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 166.38 Mbit/s
95th percentile per-packet one-way delay: 21.513 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 166.38 Mbit/s
95th percentile per-packet one-way delay: 21.513 ms
Loss rate: 0.12%
```

Run 8: Report of TCP Vegas — Data Link

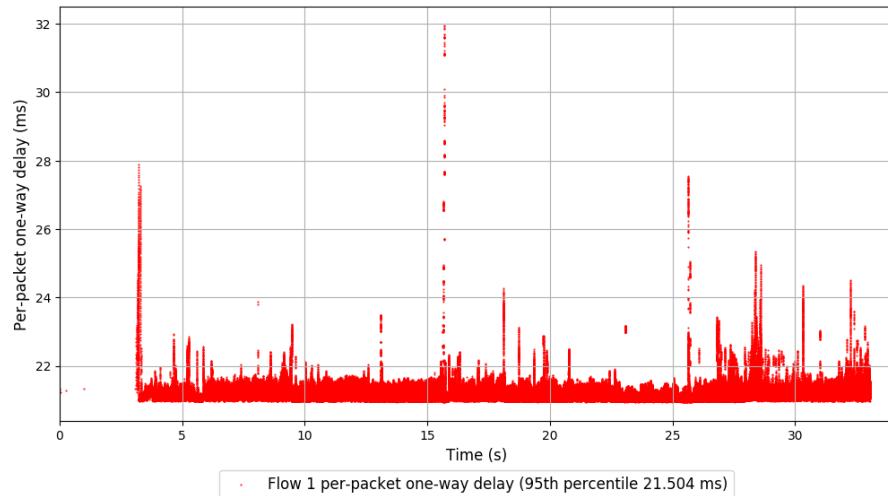
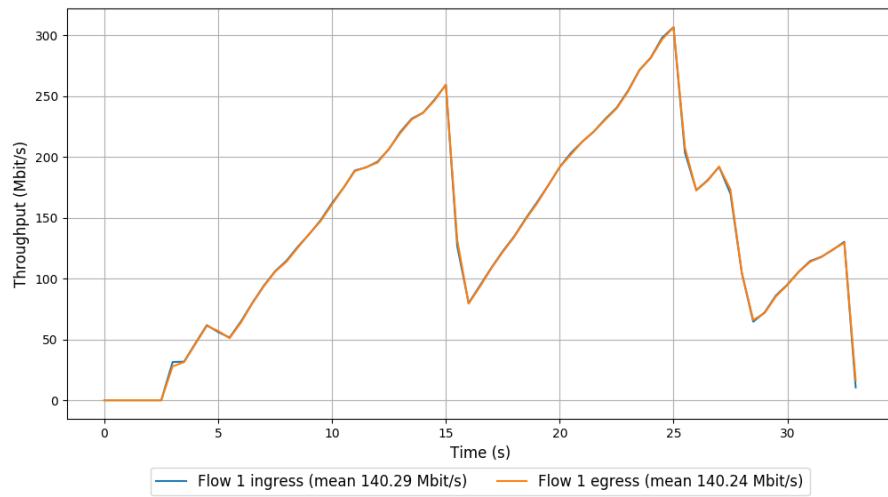


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:20:36 +0000
End at: Tue, 04 Jul 2017 04:21:06 +0000
Local clock offset: 0.824 ms
Remote clock offset: -1.538 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:10:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 140.24 Mbit/s
95th percentile per-packet one-way delay: 21.504 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 140.24 Mbit/s
95th percentile per-packet one-way delay: 21.504 ms
Loss rate: 0.07%
```

Run 9: Report of TCP Vegas — Data Link

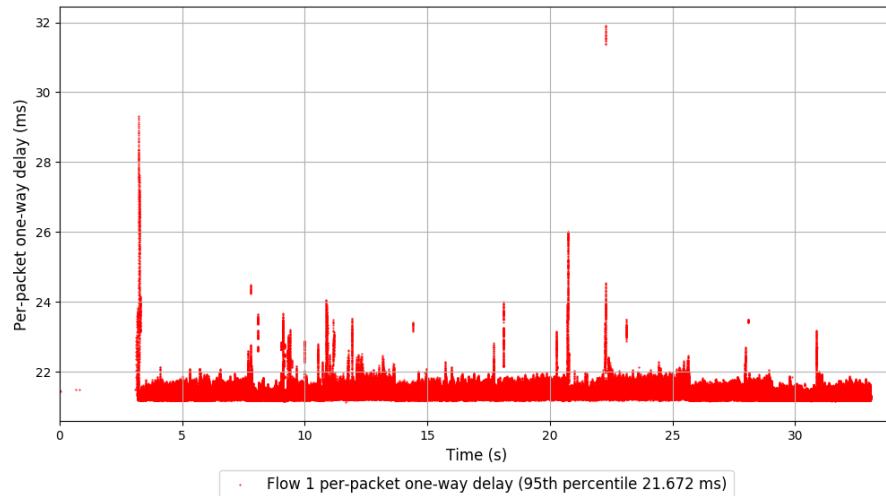
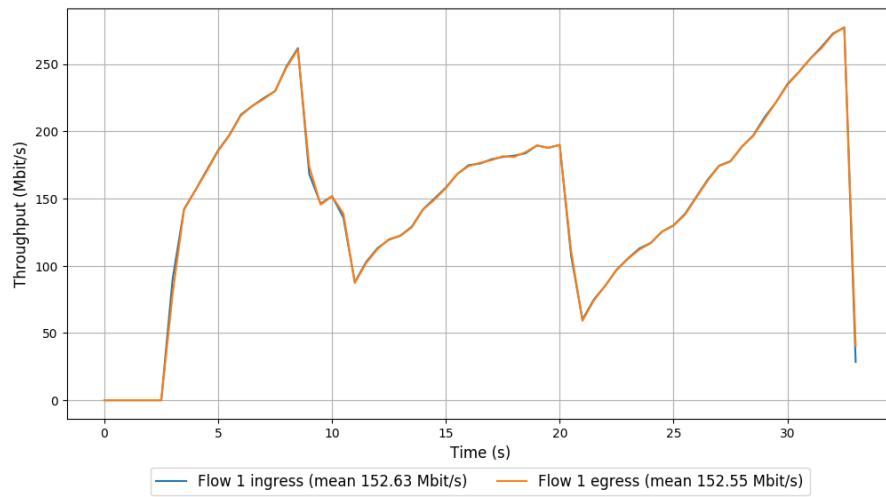


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:40:15 +0000
End at: Tue, 04 Jul 2017 04:40:45 +0000
Local clock offset: 1.086 ms
Remote clock offset: -1.429 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:10:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 152.55 Mbit/s
95th percentile per-packet one-way delay: 21.672 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 152.55 Mbit/s
95th percentile per-packet one-way delay: 21.672 ms
Loss rate: 0.08%
```

Run 10: Report of TCP Vegas — Data Link

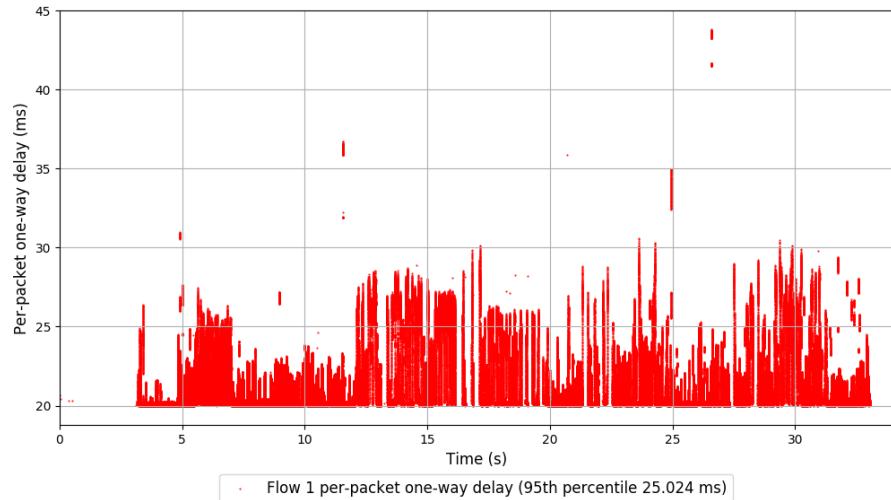
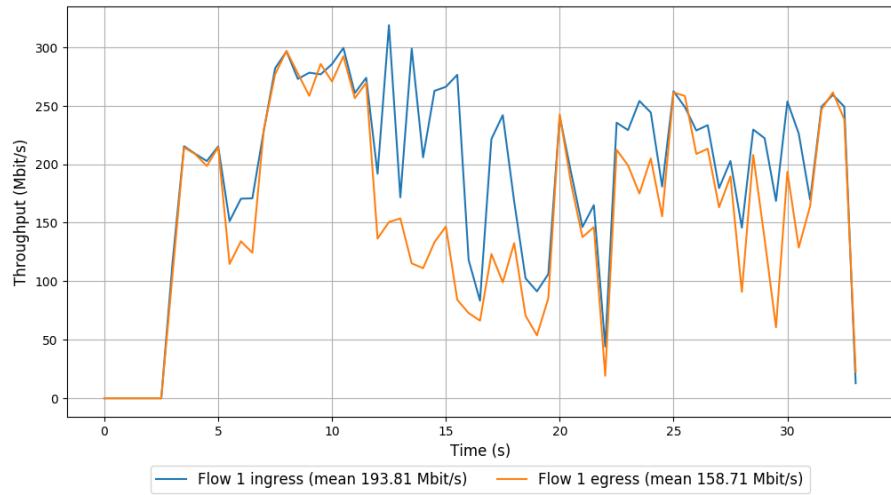


Run 1: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 01:42:03 +0000
End at: Tue, 04 Jul 2017 01:42:33 +0000
Local clock offset: -1.011 ms
Remote clock offset: -2.277 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:10:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 158.71 Mbit/s
95th percentile per-packet one-way delay: 25.024 ms
Loss rate: 18.12%
-- Flow 1:
Average throughput: 158.71 Mbit/s
95th percentile per-packet one-way delay: 25.024 ms
Loss rate: 18.12%
```

## Run 1: Report of Verus — Data Link

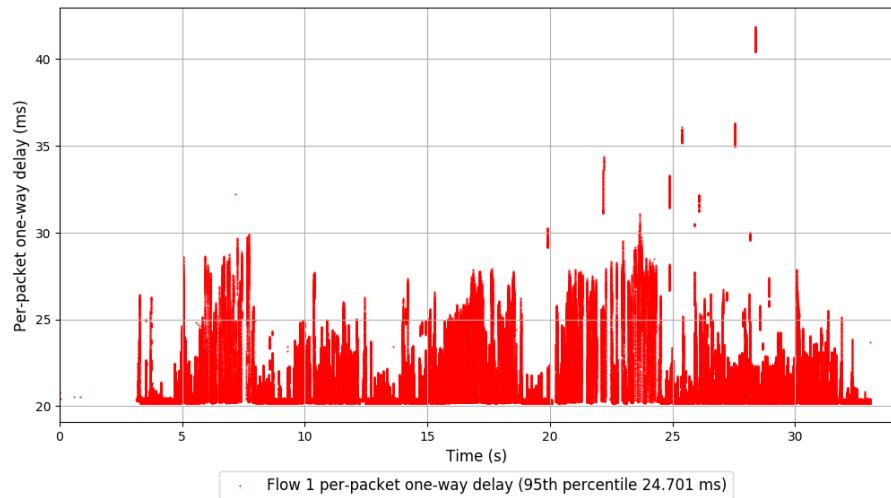
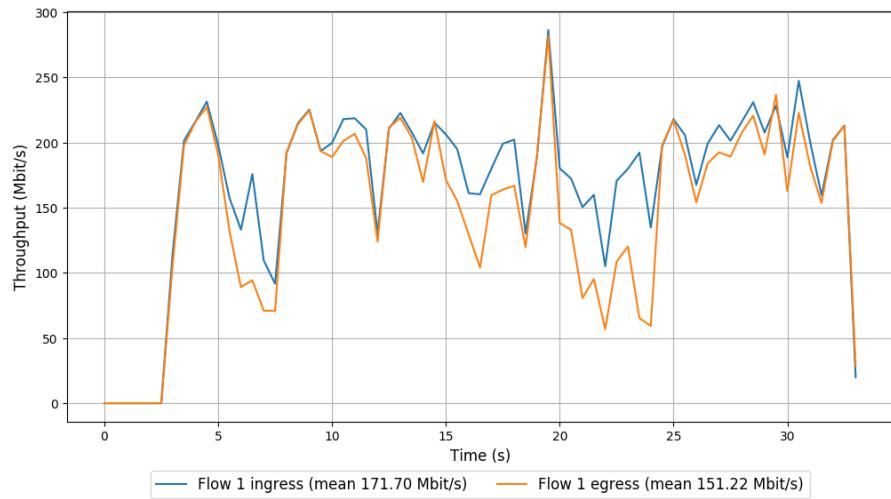


Run 2: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 02:01:57 +0000
End at: Tue, 04 Jul 2017 02:02:27 +0000
Local clock offset: -0.963 ms
Remote clock offset: -2.319 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:11:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 151.22 Mbit/s
95th percentile per-packet one-way delay: 24.701 ms
Loss rate: 11.95%
-- Flow 1:
Average throughput: 151.22 Mbit/s
95th percentile per-packet one-way delay: 24.701 ms
Loss rate: 11.95%
```

## Run 2: Report of Verus — Data Link

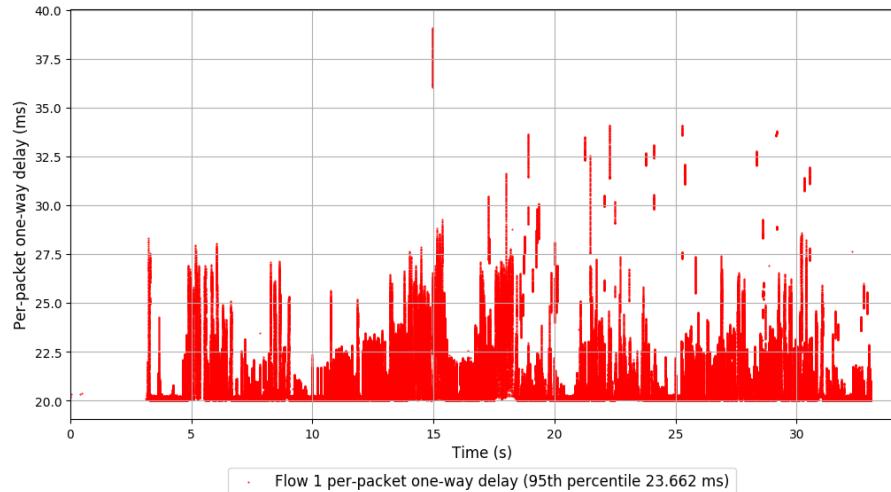
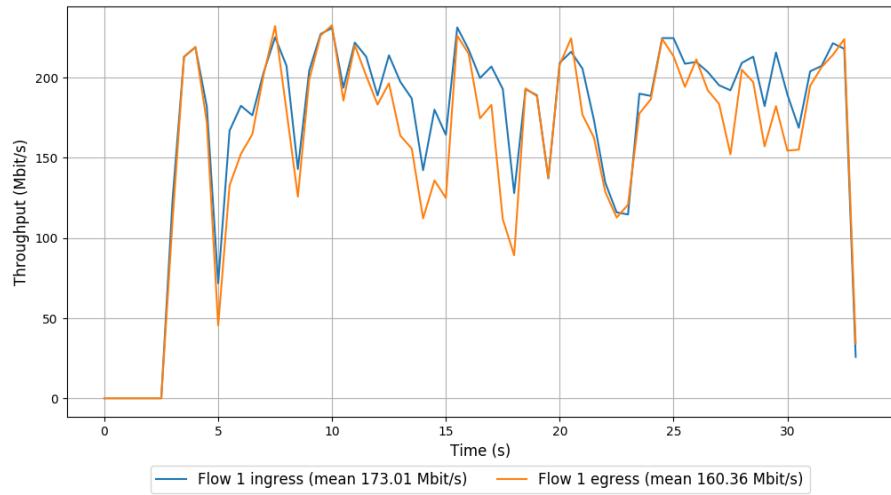


Run 3: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 02:21:19 +0000
End at: Tue, 04 Jul 2017 02:21:49 +0000
Local clock offset: -1.007 ms
Remote clock offset: -2.395 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:11:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 160.36 Mbit/s
95th percentile per-packet one-way delay: 23.662 ms
Loss rate: 7.31%
-- Flow 1:
Average throughput: 160.36 Mbit/s
95th percentile per-packet one-way delay: 23.662 ms
Loss rate: 7.31%
```

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

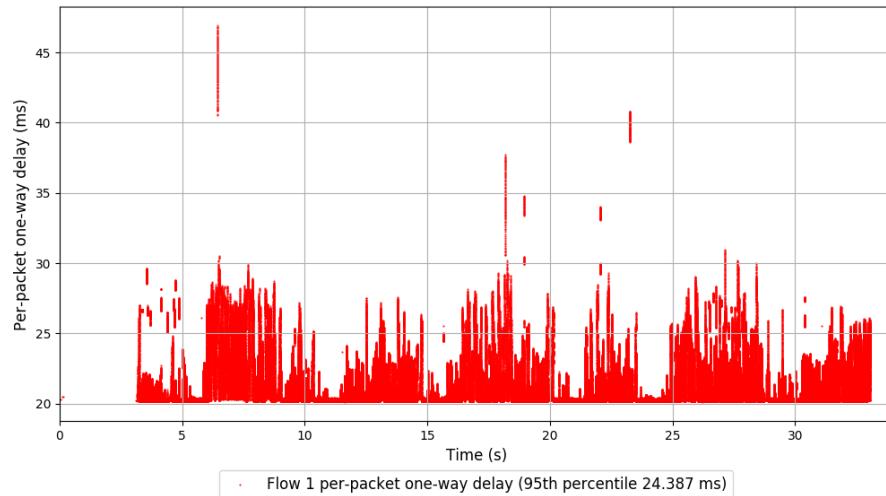
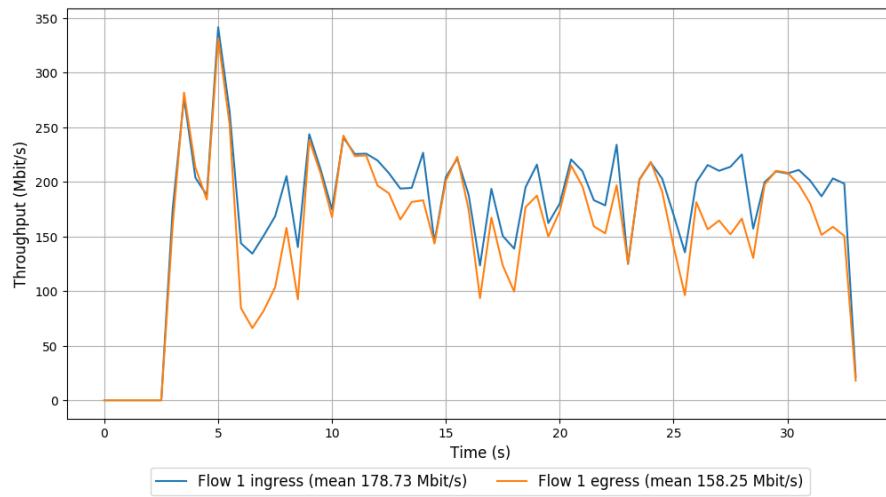


Run 4: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 02:40:47 +0000
End at: Tue, 04 Jul 2017 02:41:17 +0000
Local clock offset: -0.959 ms
Remote clock offset: -2.422 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:11:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 158.25 Mbit/s
95th percentile per-packet one-way delay: 24.387 ms
Loss rate: 11.46%
-- Flow 1:
Average throughput: 158.25 Mbit/s
95th percentile per-packet one-way delay: 24.387 ms
Loss rate: 11.46%
```

## Run 4: Report of Verus — Data Link

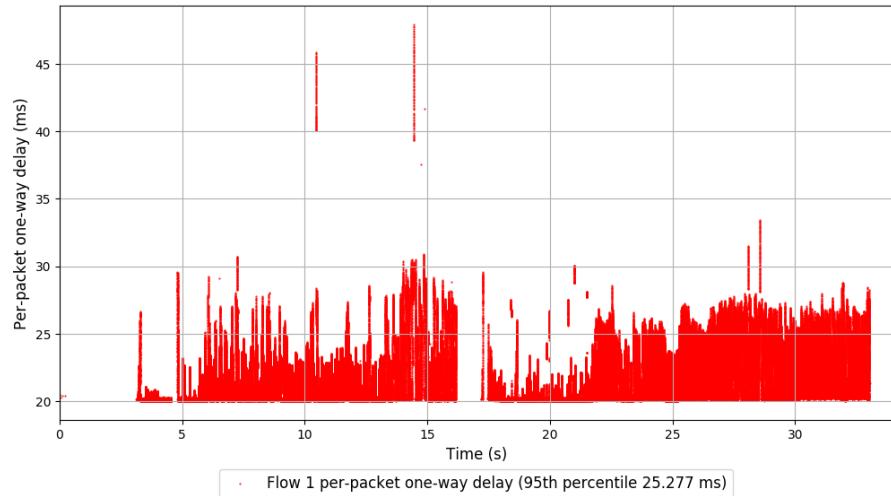
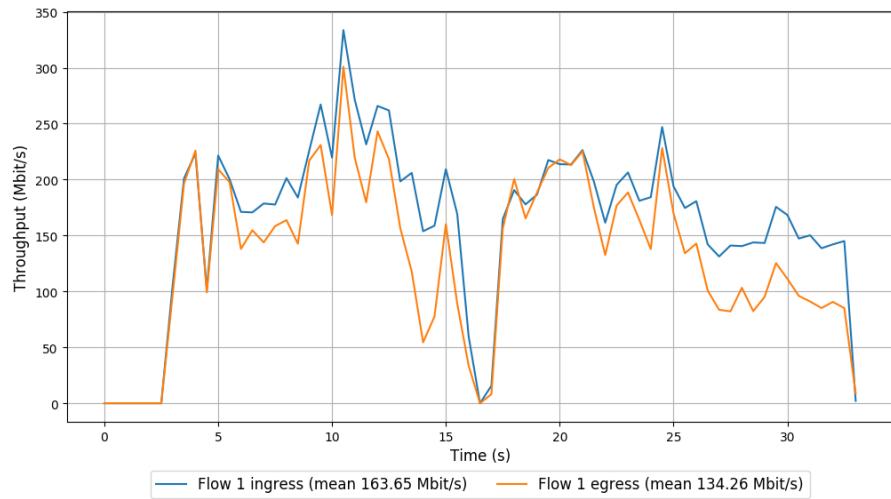


Run 5: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 03:00:48 +0000
End at: Tue, 04 Jul 2017 03:01:18 +0000
Local clock offset: -0.82 ms
Remote clock offset: -2.14 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:11:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 134.26 Mbit/s
95th percentile per-packet one-way delay: 25.277 ms
Loss rate: 17.95%
-- Flow 1:
Average throughput: 134.26 Mbit/s
95th percentile per-packet one-way delay: 25.277 ms
Loss rate: 17.95%
```

## Run 5: Report of Verus — Data Link

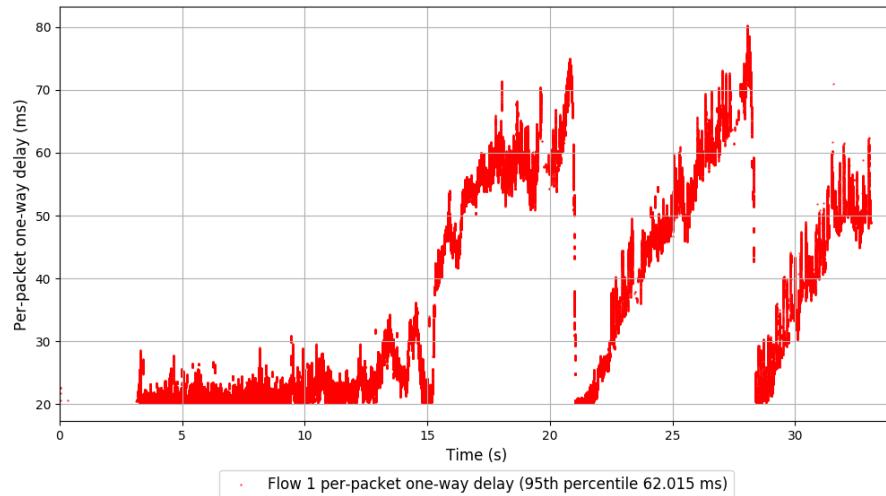
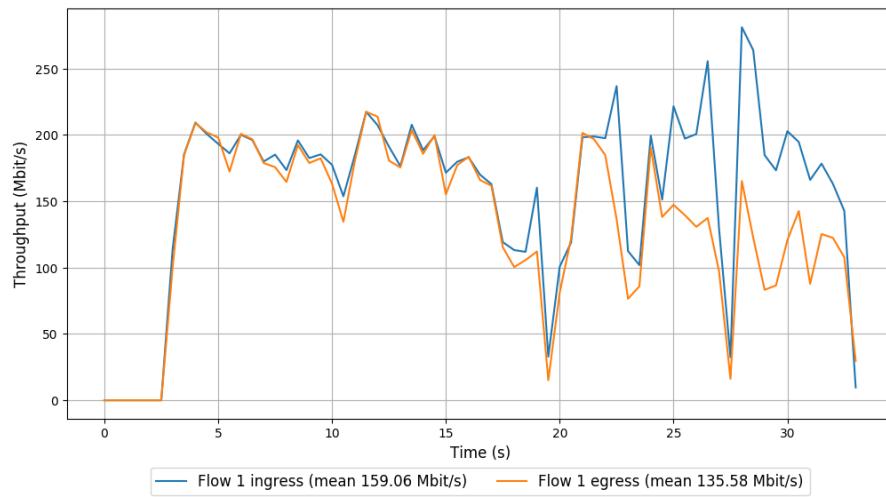


Run 6: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 03:20:31 +0000
End at: Tue, 04 Jul 2017 03:21:01 +0000
Local clock offset: -0.528 ms
Remote clock offset: -2.074 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:11:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 135.58 Mbit/s
95th percentile per-packet one-way delay: 62.015 ms
Loss rate: 14.74%
-- Flow 1:
Average throughput: 135.58 Mbit/s
95th percentile per-packet one-way delay: 62.015 ms
Loss rate: 14.74%
```

Run 6: Report of Verus — Data Link

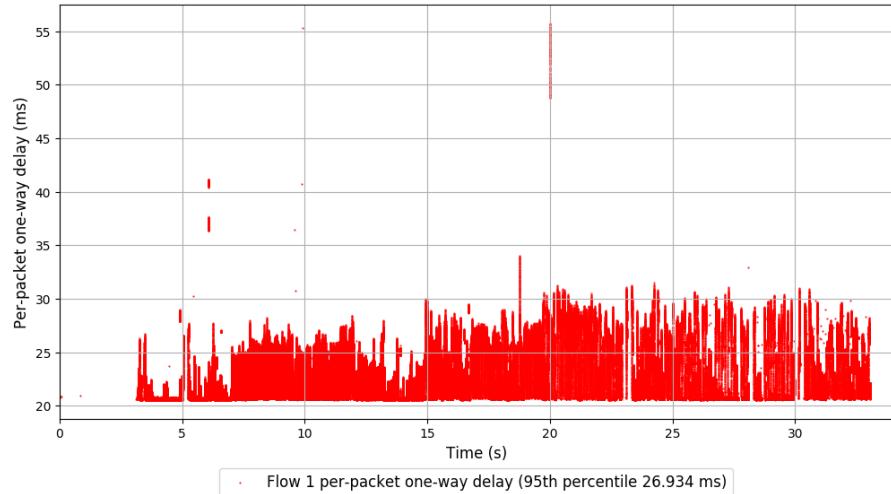
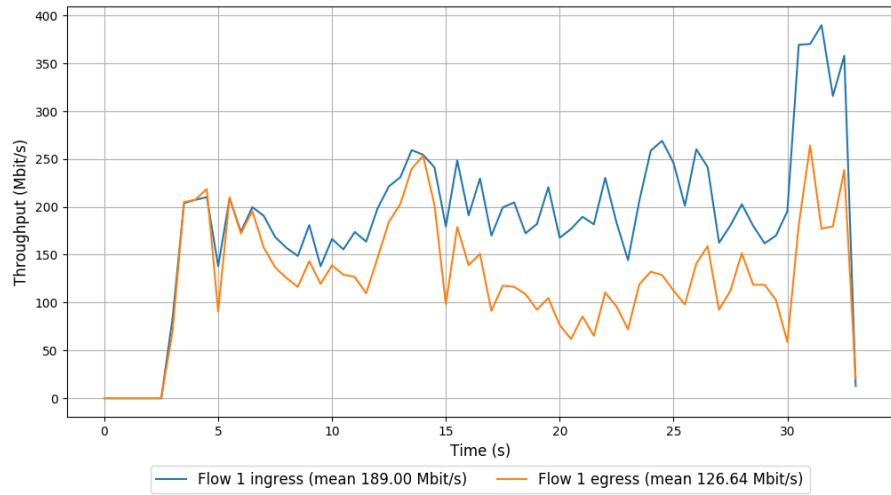


Run 7: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 03:38:55 +0000
End at: Tue, 04 Jul 2017 03:39:25 +0000
Local clock offset: -0.126 ms
Remote clock offset: -1.98 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:11:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 126.64 Mbit/s
95th percentile per-packet one-way delay: 26.934 ms
Loss rate: 32.99%
-- Flow 1:
Average throughput: 126.64 Mbit/s
95th percentile per-packet one-way delay: 26.934 ms
Loss rate: 32.99%
```

## Run 7: Report of Verus — Data Link

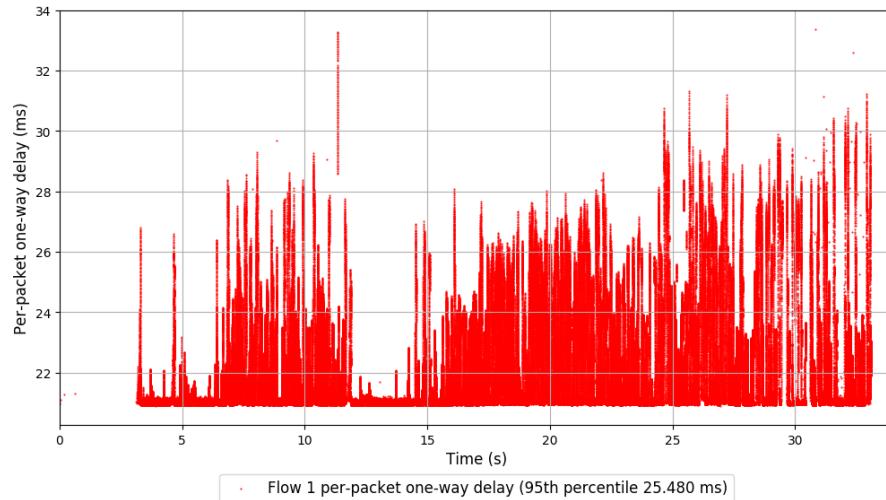
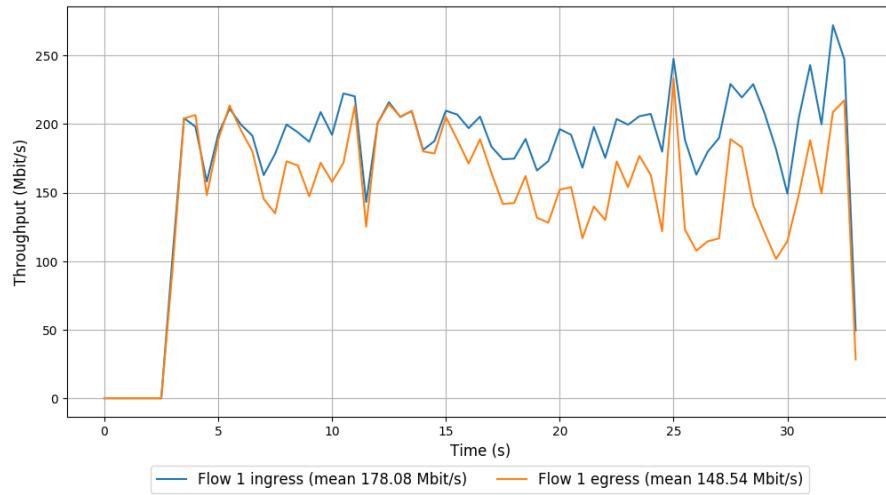


Run 8: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 03:58:13 +0000
End at: Tue, 04 Jul 2017 03:58:43 +0000
Local clock offset: 0.408 ms
Remote clock offset: -1.906 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 148.54 Mbit/s
95th percentile per-packet one-way delay: 25.480 ms
Loss rate: 16.59%
-- Flow 1:
Average throughput: 148.54 Mbit/s
95th percentile per-packet one-way delay: 25.480 ms
Loss rate: 16.59%
```

Run 8: Report of Verus — Data Link

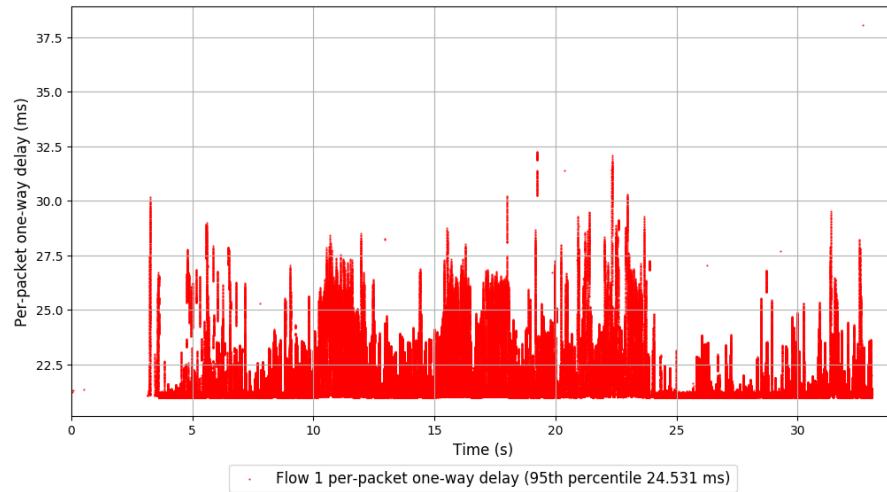
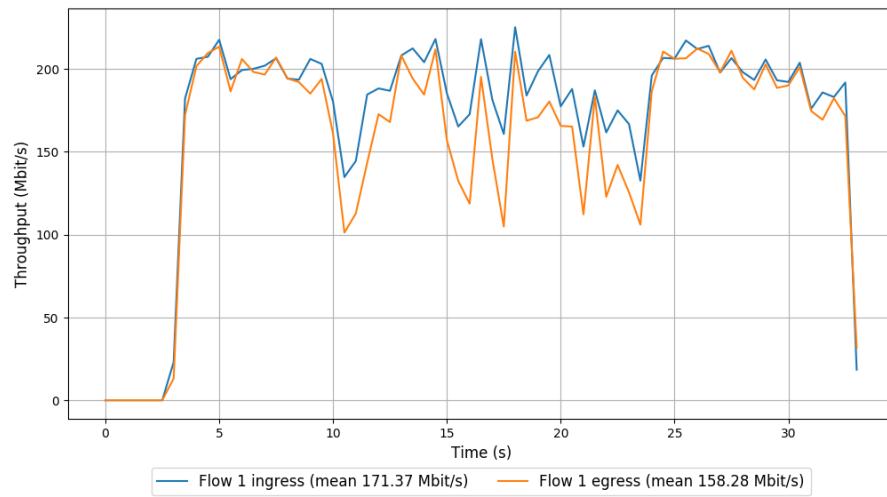


Run 9: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 04:17:44 +0000
End at: Tue, 04 Jul 2017 04:18:14 +0000
Local clock offset: 0.775 ms
Remote clock offset: -1.527 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 158.28 Mbit/s
95th percentile per-packet one-way delay: 24.531 ms
Loss rate: 7.65%
-- Flow 1:
Average throughput: 158.28 Mbit/s
95th percentile per-packet one-way delay: 24.531 ms
Loss rate: 7.65%
```

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

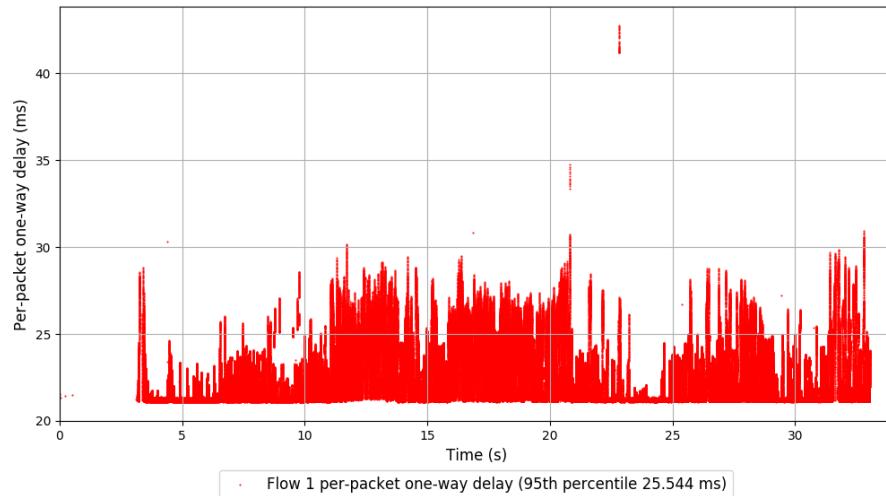
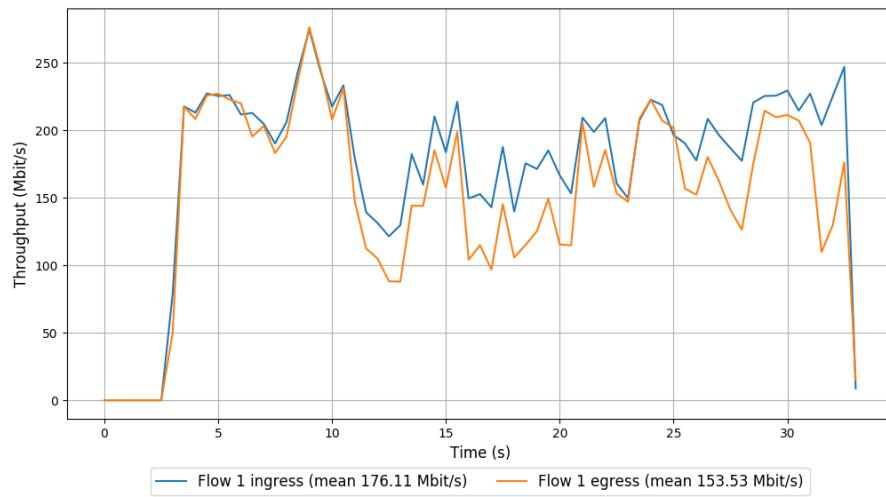


Run 10: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 04:37:26 +0000
End at: Tue, 04 Jul 2017 04:37:56 +0000
Local clock offset: 0.971 ms
Remote clock offset: -1.368 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 153.53 Mbit/s
95th percentile per-packet one-way delay: 25.544 ms
Loss rate: 12.84%
-- Flow 1:
Average throughput: 153.53 Mbit/s
95th percentile per-packet one-way delay: 25.544 ms
Loss rate: 12.84%
```

Run 10: Report of Verus — Data Link

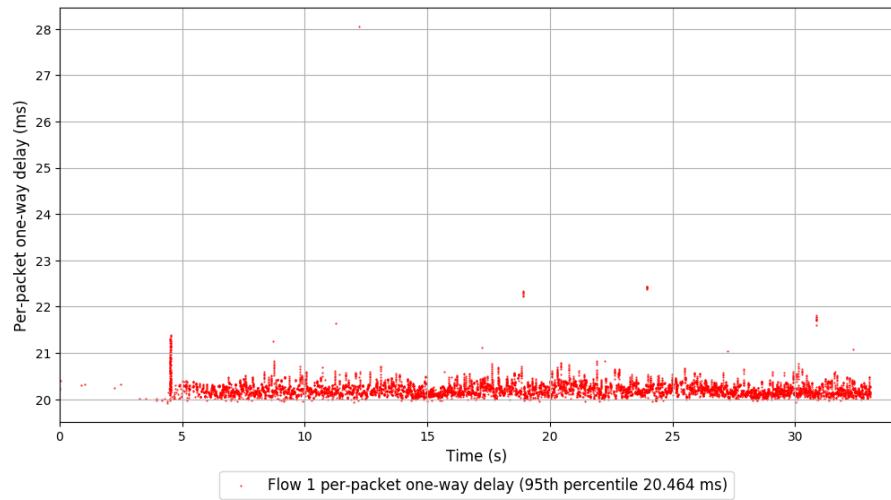
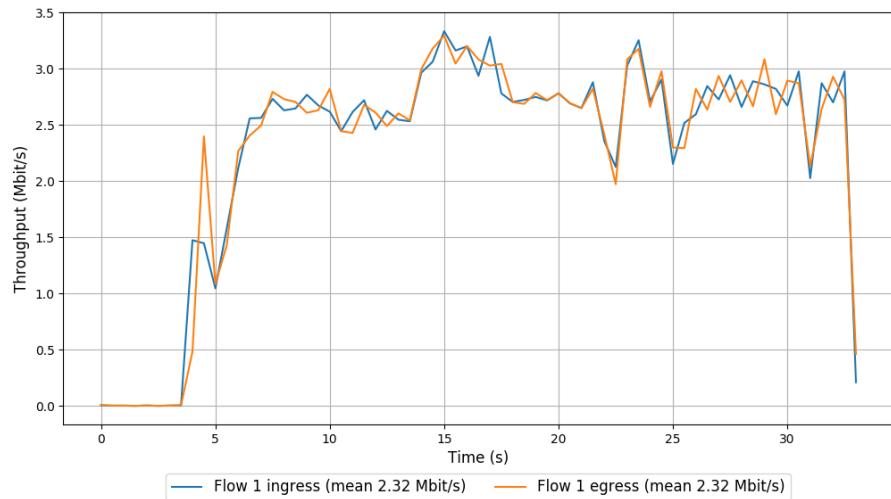


```
Run 1: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 01:40:53 +0000
End at: Tue, 04 Jul 2017 01:41:23 +0000
Local clock offset: -0.952 ms
Remote clock offset: -2.196 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 20.464 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 20.464 ms
Loss rate: 0.00%
```

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

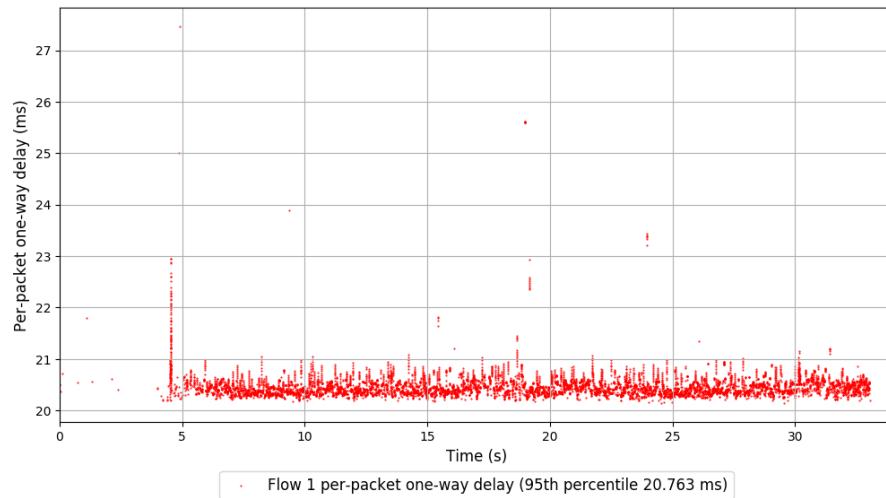
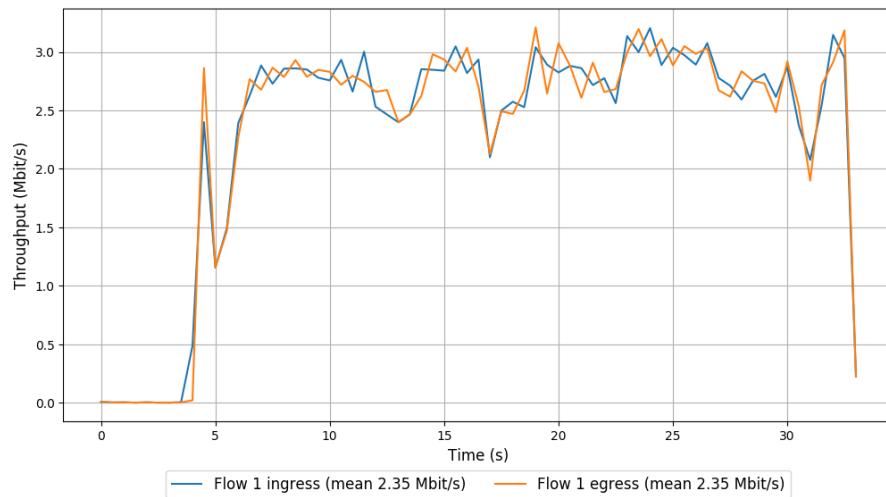


```
Run 2: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 02:00:47 +0000
End at: Tue, 04 Jul 2017 02:01:17 +0000
Local clock offset: -0.946 ms
Remote clock offset: -2.33 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 20.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 20.763 ms
Loss rate: 0.00%
```

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

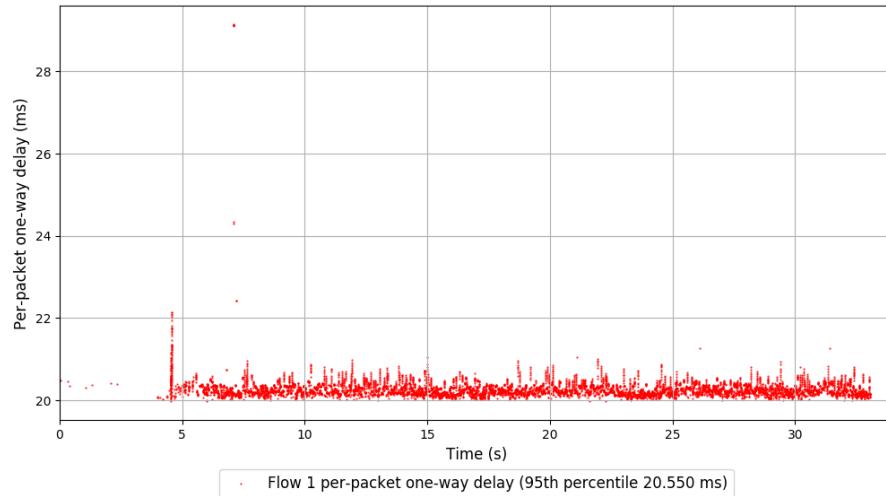
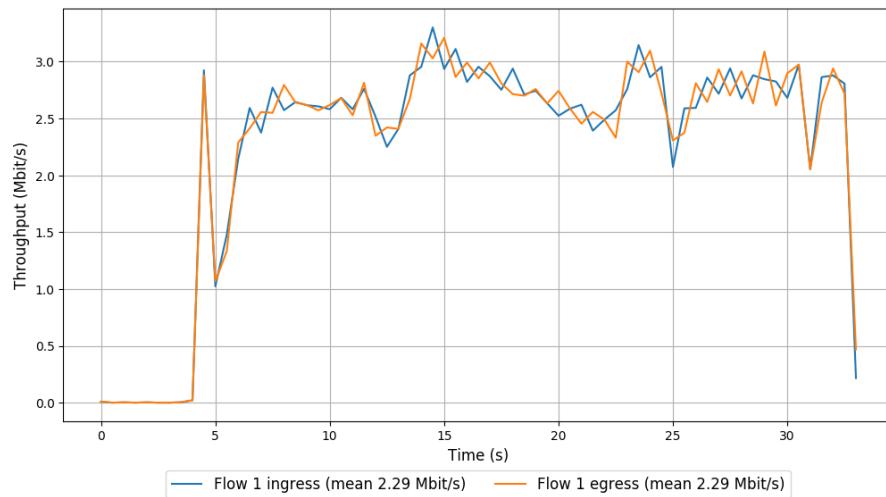


```
Run 3: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 02:20:09 +0000
End at: Tue, 04 Jul 2017 02:20:39 +0000
Local clock offset: -0.982 ms
Remote clock offset: -2.34 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 20.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 20.550 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

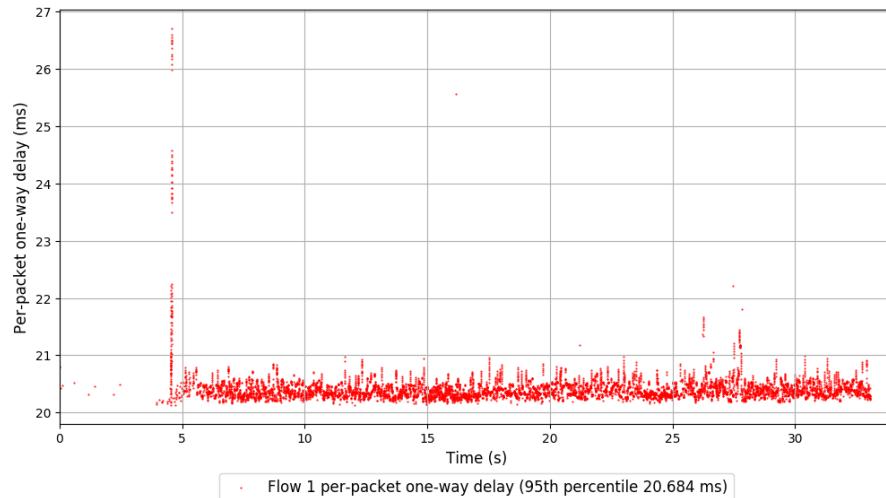
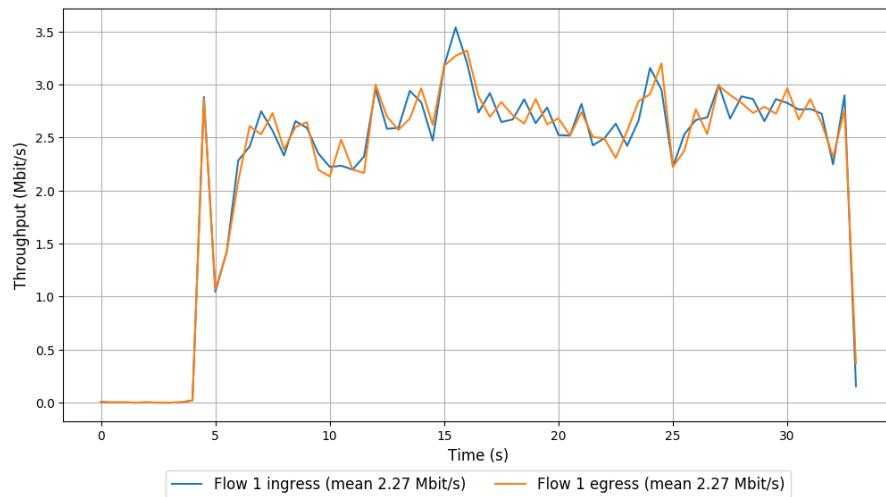


Run 4: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 02:39:37 +0000
End at: Tue, 04 Jul 2017 02:40:07 +0000
Local clock offset: -0.976 ms
Remote clock offset: -2.5 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 20.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 20.684 ms
Loss rate: 0.00%
```

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

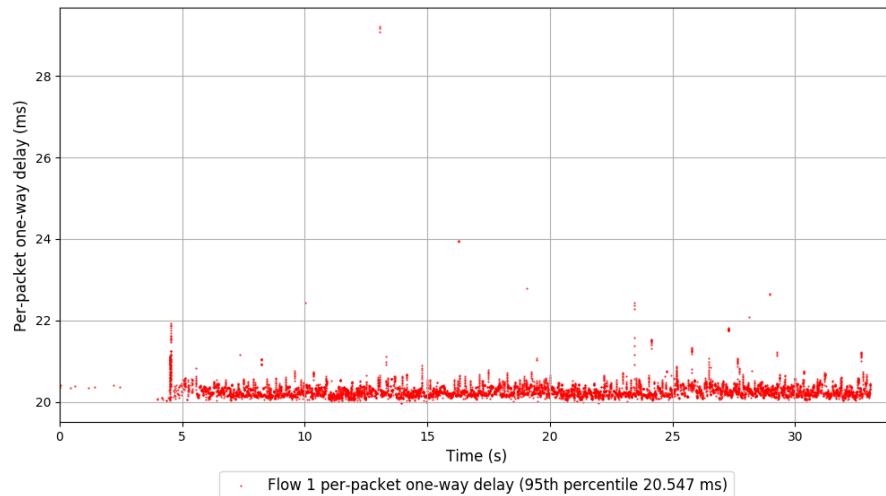
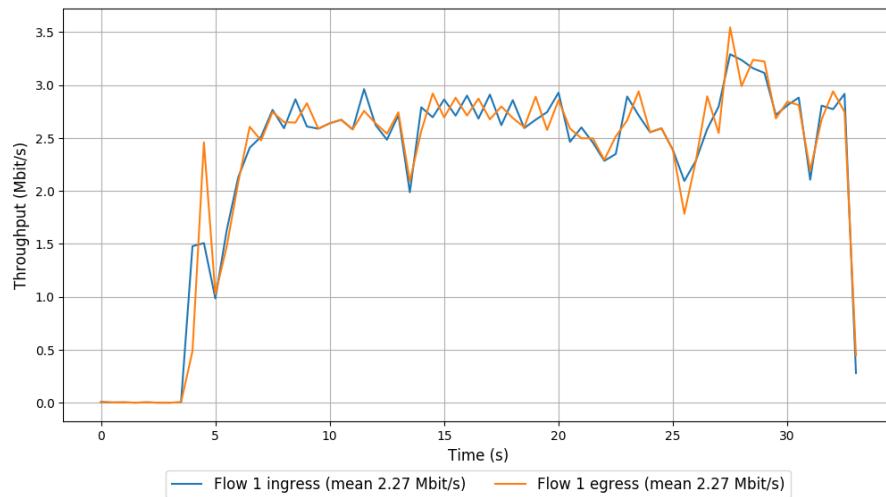


Run 5: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 02:59:38 +0000
End at: Tue, 04 Jul 2017 03:00:08 +0000
Local clock offset: -0.847 ms
Remote clock offset: -2.211 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 20.547 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 20.547 ms
Loss rate: 0.00%
```

### Run 5: Report of WebRTC media — Data Link

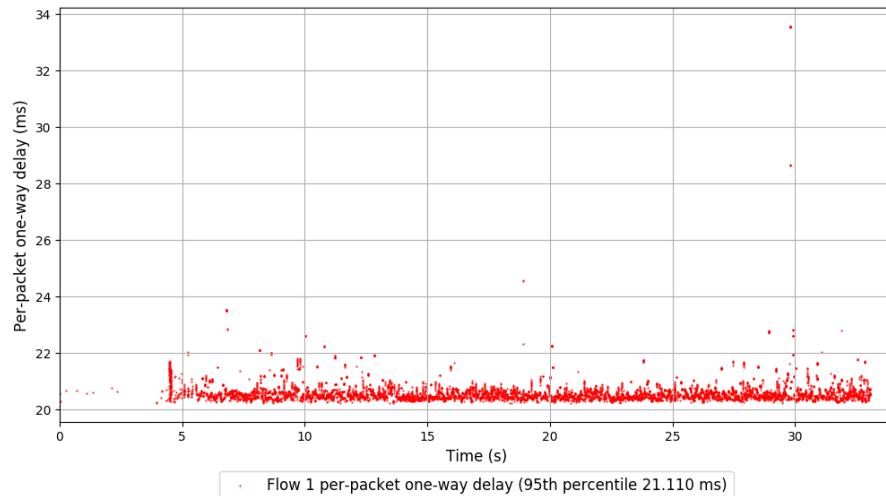
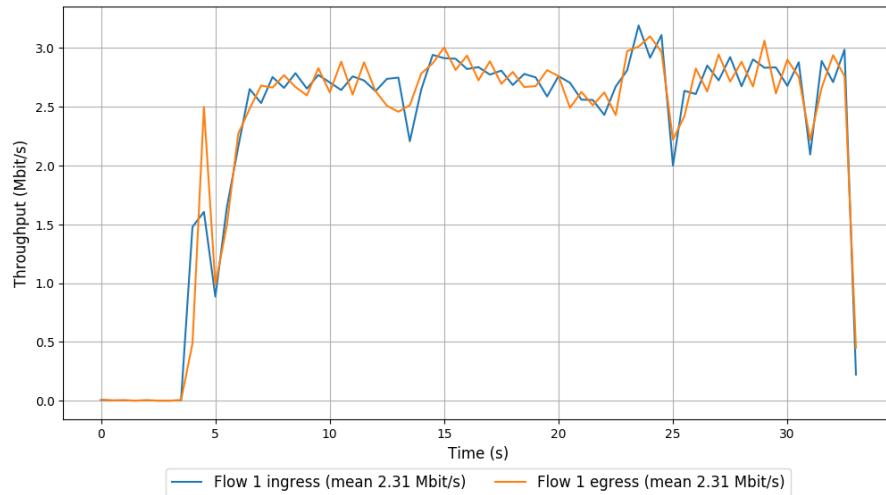


```
Run 6: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 03:19:22 +0000
End at: Tue, 04 Jul 2017 03:19:52 +0000
Local clock offset: -0.492 ms
Remote clock offset: -1.979 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 21.110 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 21.110 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 03:37:45 +0000

End at: Tue, 04 Jul 2017 03:38:15 +0000

Local clock offset: -0.127 ms

Remote clock offset: -1.846 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 20.984 ms

Loss rate: 0.00%

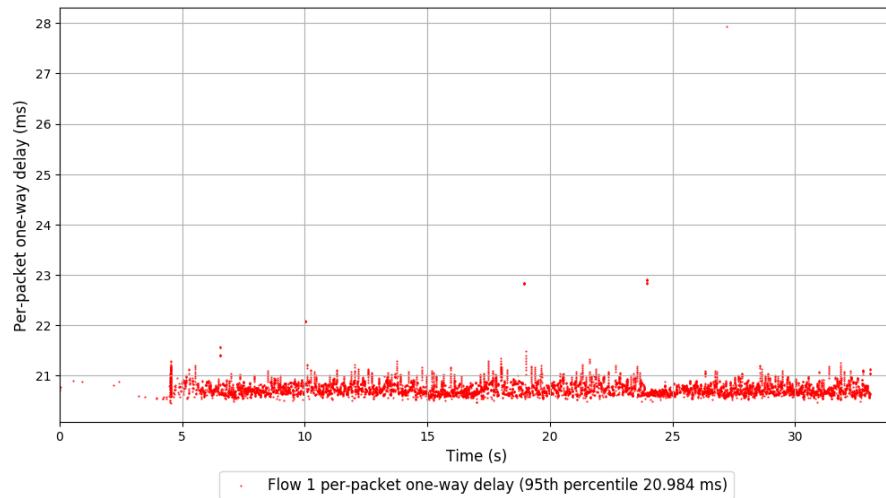
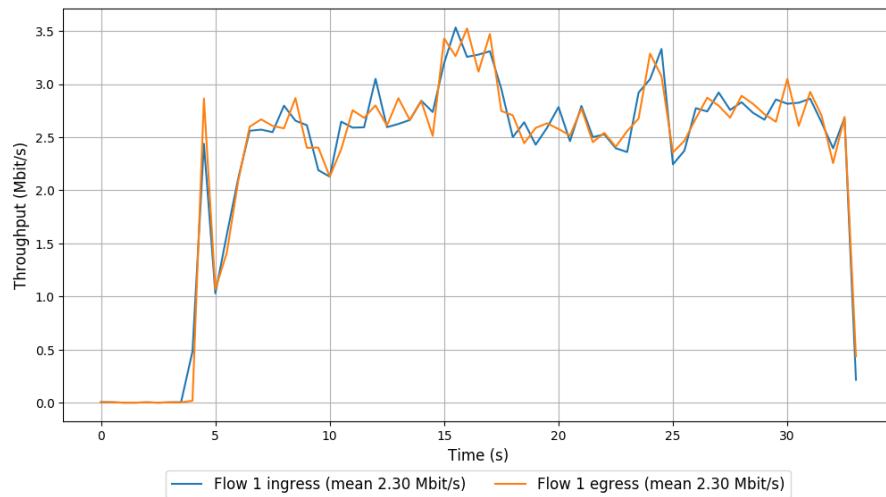
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 20.984 ms

Loss rate: 0.00%

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

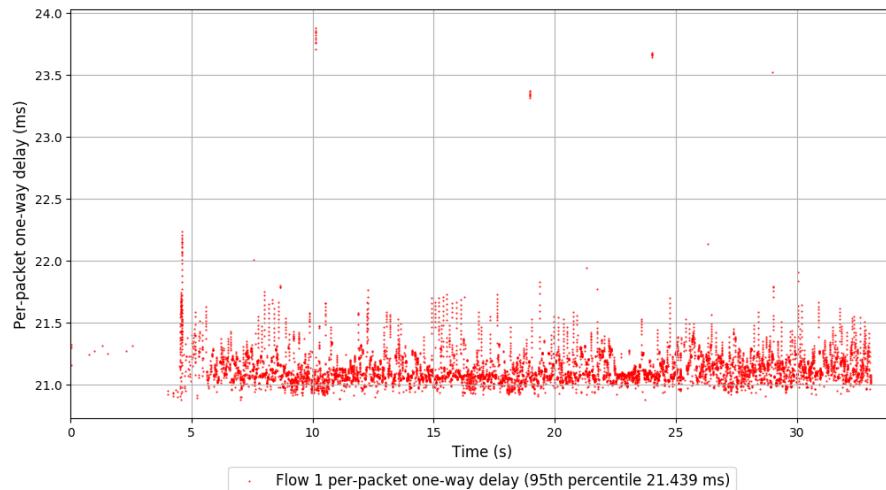
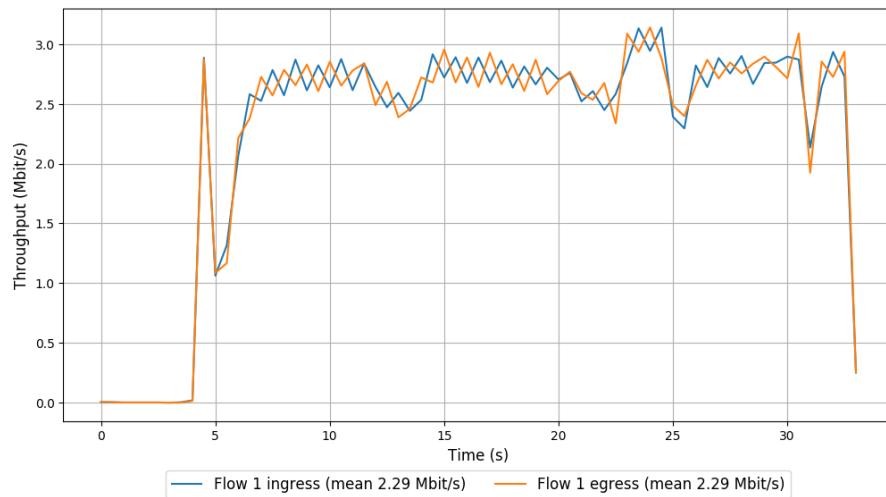


Run 8: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 03:57:03 +0000
End at: Tue, 04 Jul 2017 03:57:33 +0000
Local clock offset: 0.298 ms
Remote clock offset: -1.916 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 21.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 21.439 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

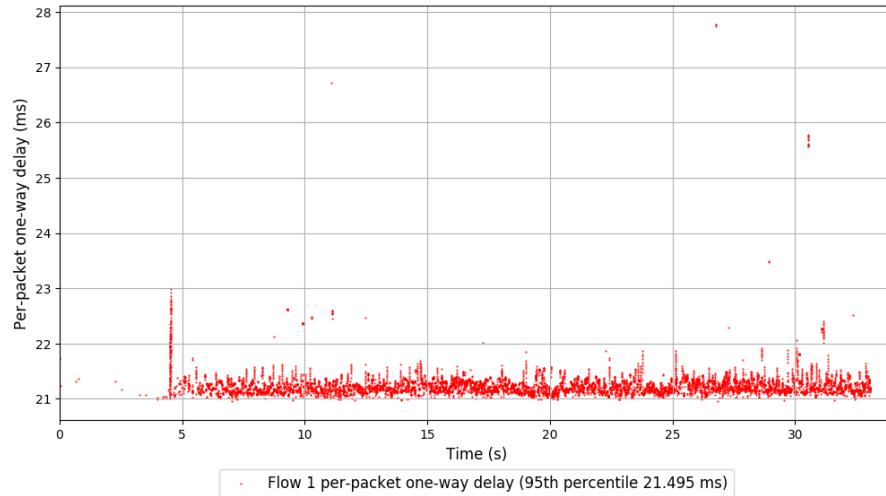
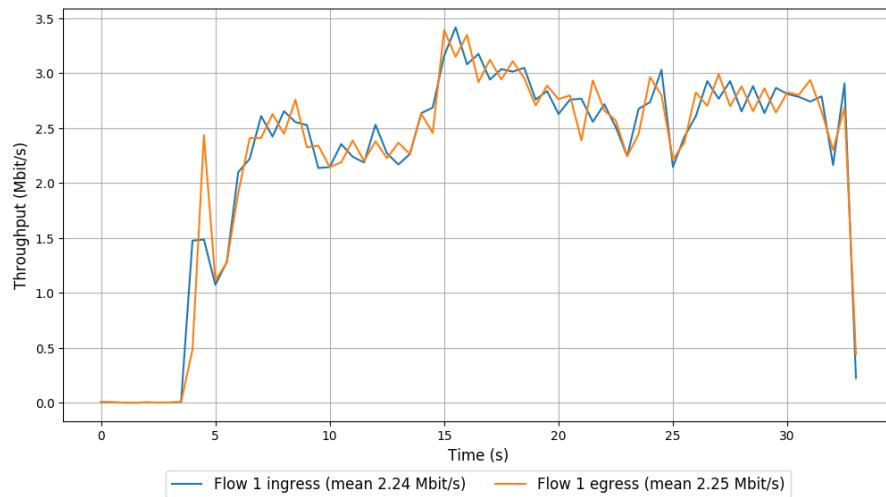


Run 9: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 04:16:34 +0000
End at: Tue, 04 Jul 2017 04:17:04 +0000
Local clock offset: 0.737 ms
Remote clock offset: -1.613 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 21.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 21.495 ms
Loss rate: 0.00%
```

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



```
Run 10: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 04:36:16 +0000
End at: Tue, 04 Jul 2017 04:36:46 +0000
Local clock offset: 0.957 ms
Remote clock offset: -1.378 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 10:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 21.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 21.516 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

