

**Pantheon Summary** (Generated at Sat, 24 Jun 2017 02:21:55 +0000 with  
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

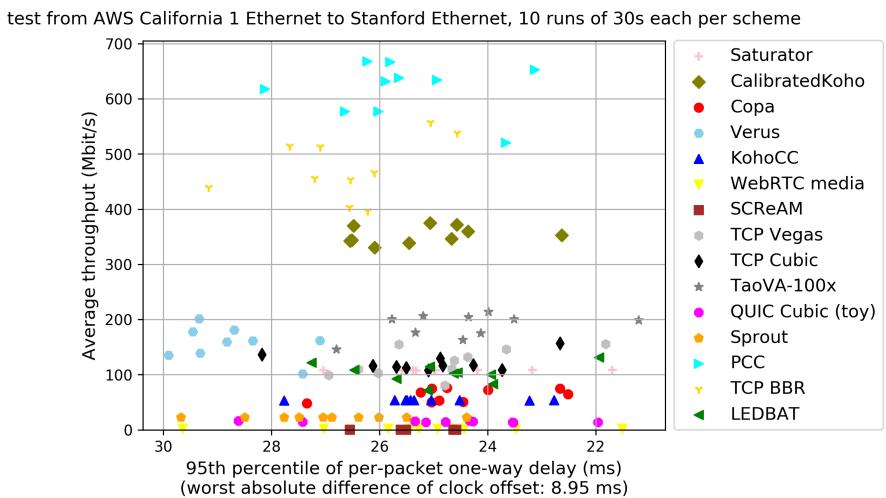
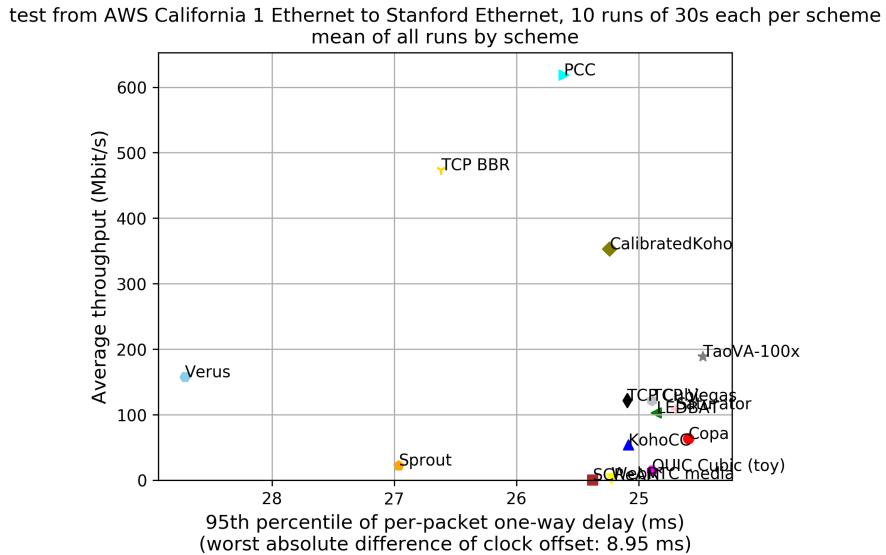
Repeated the test of 15 congestion control schemes 10 times.

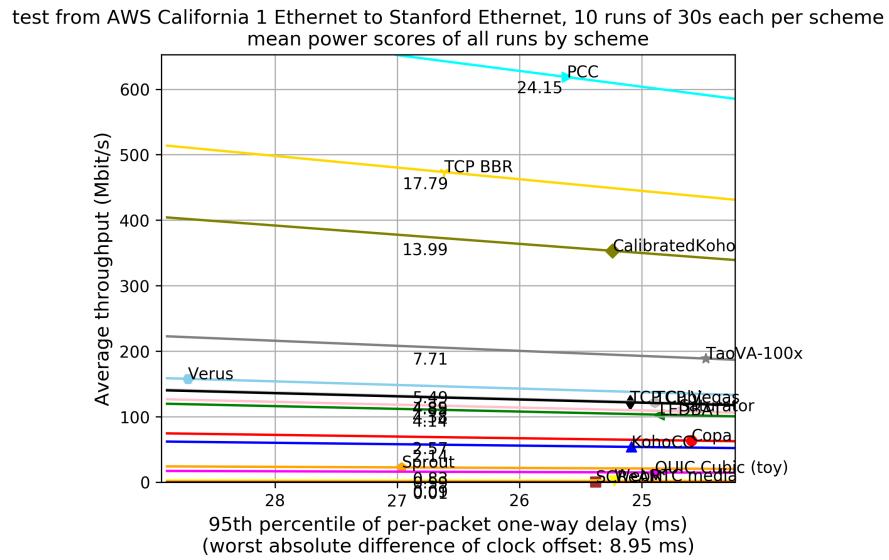
Each test lasted for 30 seconds running 1 flow.

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

NTP offset measured against time.stanford.edu.

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



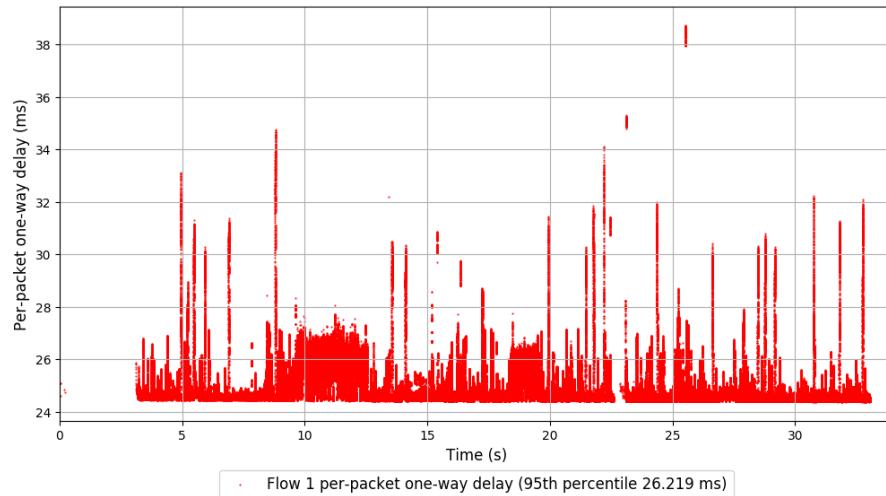
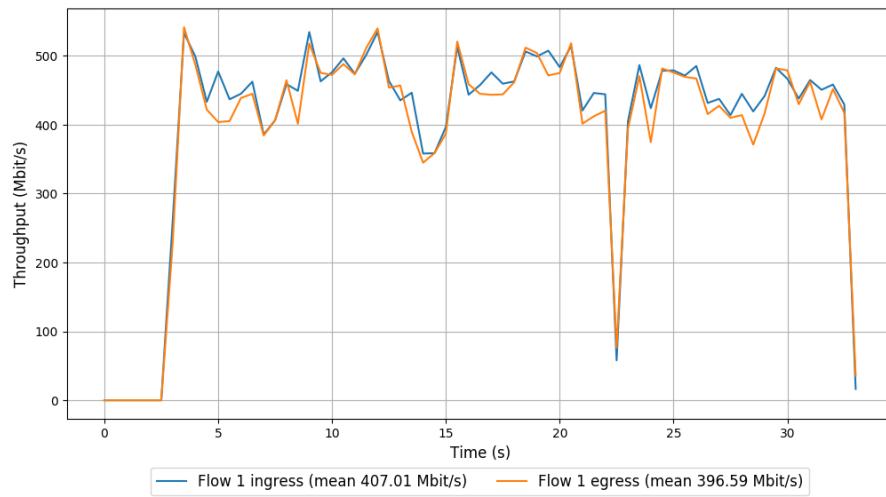


Run 1: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 17:34:54 +0000
End at: Fri, 23 Jun 2017 17:35:24 +0000
Local clock offset: 3.084 ms
Remote clock offset: -2.821 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:50:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 396.59 Mbit/s
95th percentile per-packet one-way delay: 26.219 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 396.59 Mbit/s
95th percentile per-packet one-way delay: 26.219 ms
Loss rate: 2.56%
```

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

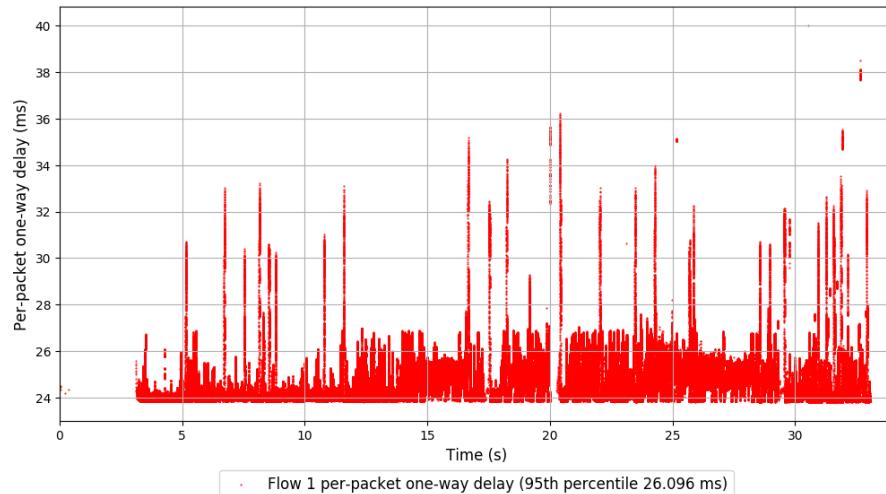
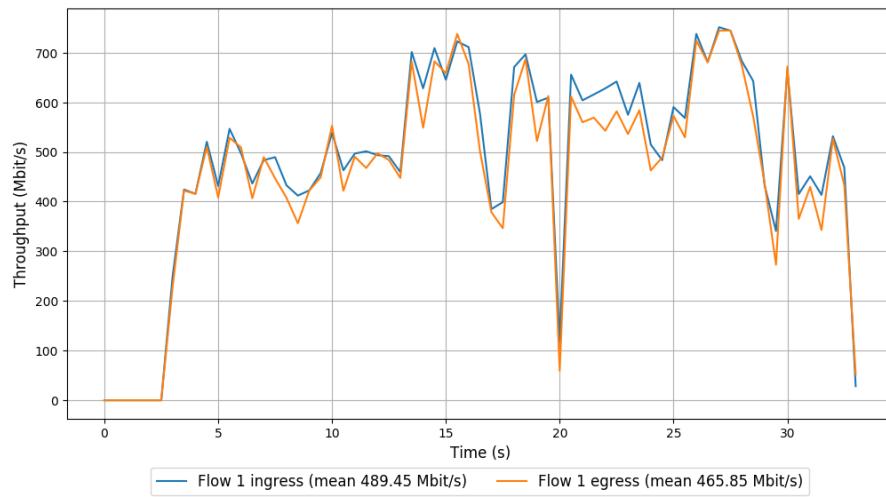


Run 2: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 17:54:39 +0000
End at: Fri, 23 Jun 2017 17:55:09 +0000
Local clock offset: 2.469 ms
Remote clock offset: -2.622 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:50:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 465.85 Mbit/s
95th percentile per-packet one-way delay: 26.096 ms
Loss rate: 4.82%
-- Flow 1:
Average throughput: 465.85 Mbit/s
95th percentile per-packet one-way delay: 26.096 ms
Loss rate: 4.82%
```

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

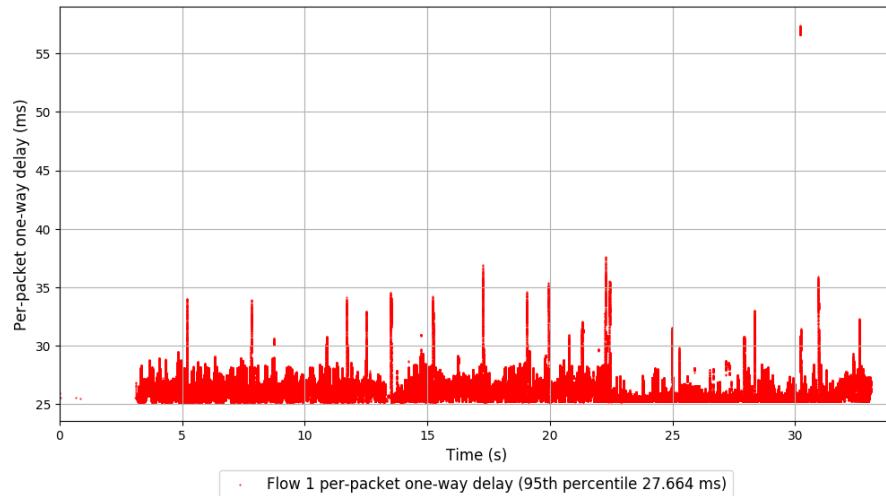
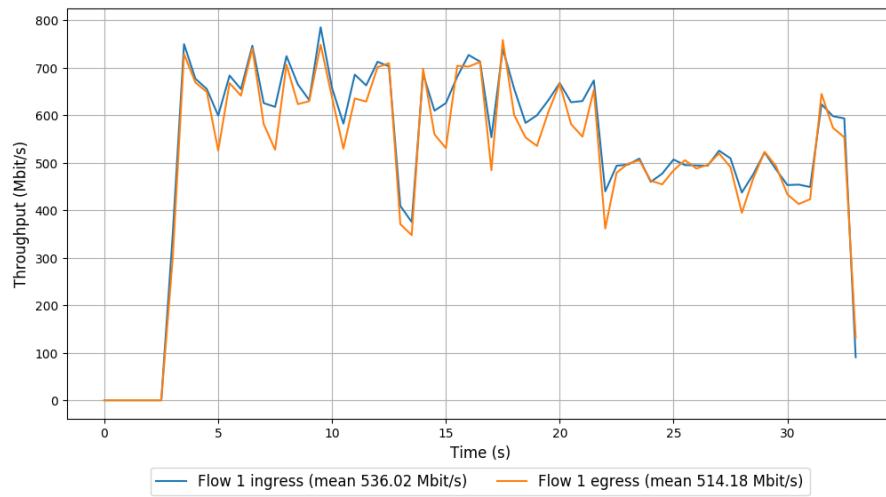


Run 3: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 18:14:27 +0000
End at: Fri, 23 Jun 2017 18:14:57 +0000
Local clock offset: 4.118 ms
Remote clock offset: -2.365 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 514.18 Mbit/s
95th percentile per-packet one-way delay: 27.664 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 514.18 Mbit/s
95th percentile per-packet one-way delay: 27.664 ms
Loss rate: 4.08%
```

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

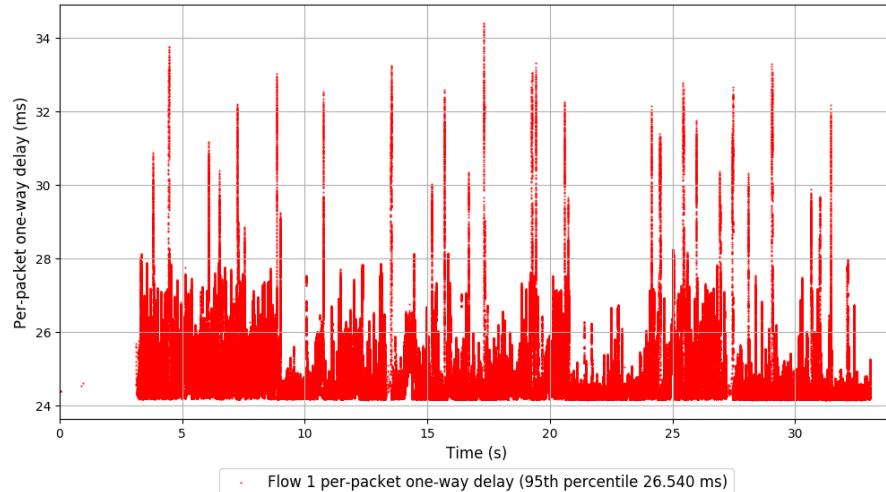
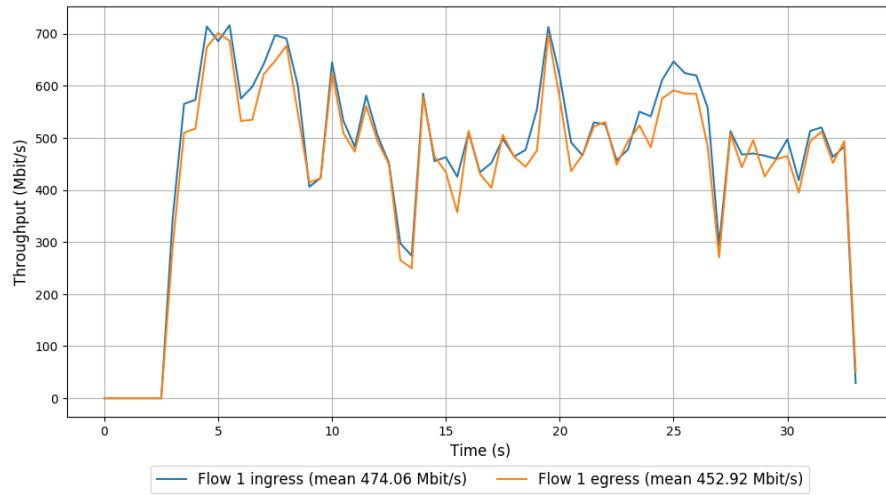


Run 4: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 18:34:23 +0000
End at: Fri, 23 Jun 2017 18:34:53 +0000
Local clock offset: 3.56 ms
Remote clock offset: -1.971 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:51:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 452.92 Mbit/s
95th percentile per-packet one-way delay: 26.540 ms
Loss rate: 4.48%
-- Flow 1:
Average throughput: 452.92 Mbit/s
95th percentile per-packet one-way delay: 26.540 ms
Loss rate: 4.48%
```

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

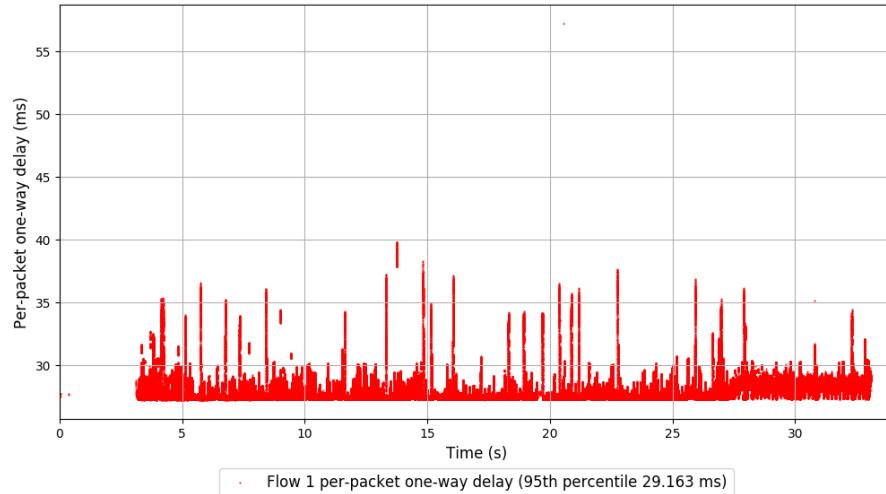
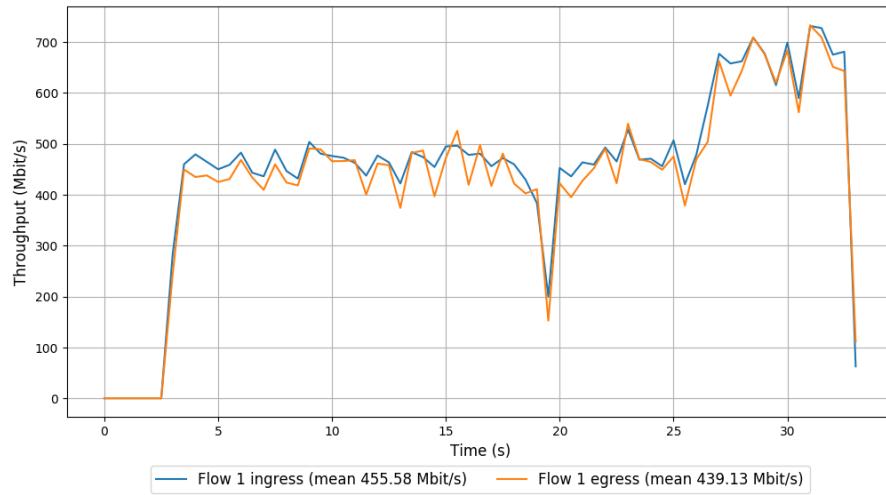


Run 5: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 18:54:01 +0000
End at: Fri, 23 Jun 2017 18:54:31 +0000
Local clock offset: 6.548 ms
Remote clock offset: -1.952 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 439.13 Mbit/s
95th percentile per-packet one-way delay: 29.163 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 439.13 Mbit/s
95th percentile per-packet one-way delay: 29.163 ms
Loss rate: 3.61%
```

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

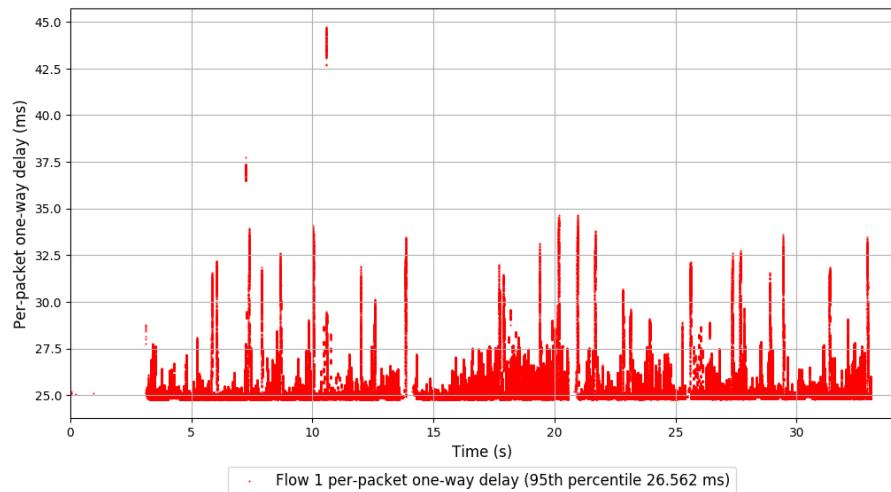
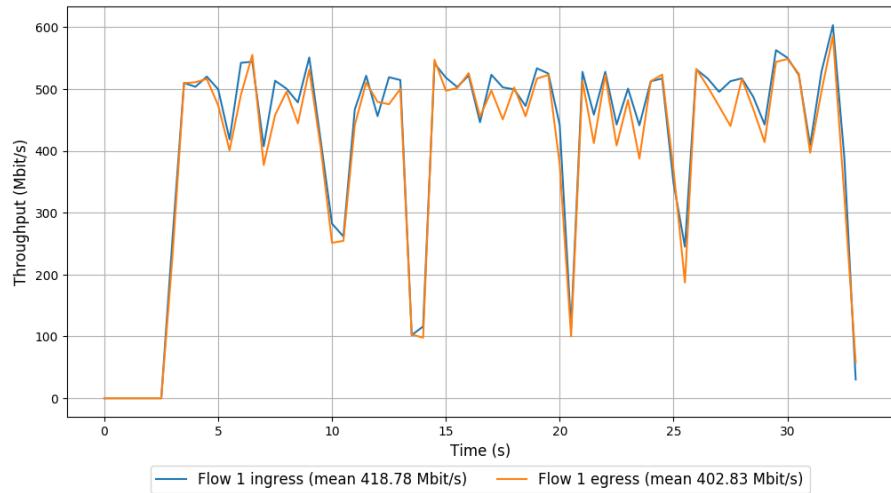


Run 6: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 19:13:46 +0000
End at: Fri, 23 Jun 2017 19:14:16 +0000
Local clock offset: 4.105 ms
Remote clock offset: -1.819 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:52:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 402.83 Mbit/s
95th percentile per-packet one-way delay: 26.562 ms
Loss rate: 3.81%
-- Flow 1:
Average throughput: 402.83 Mbit/s
95th percentile per-packet one-way delay: 26.562 ms
Loss rate: 3.81%
```

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

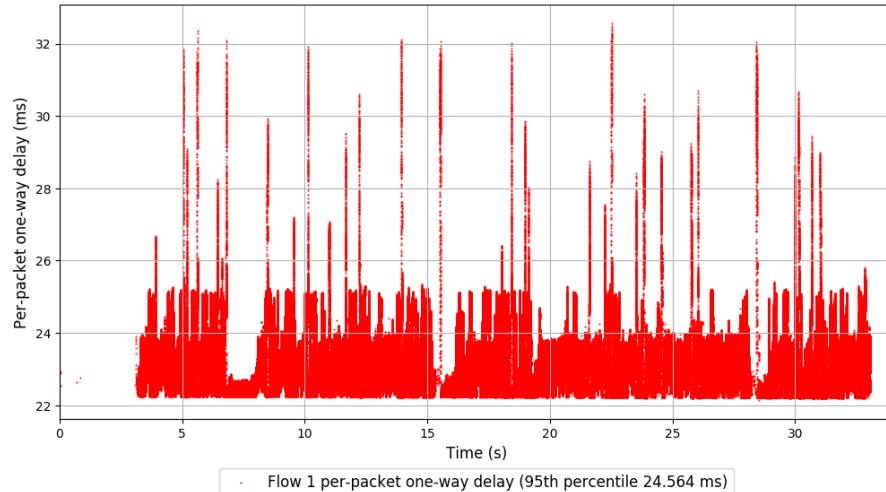
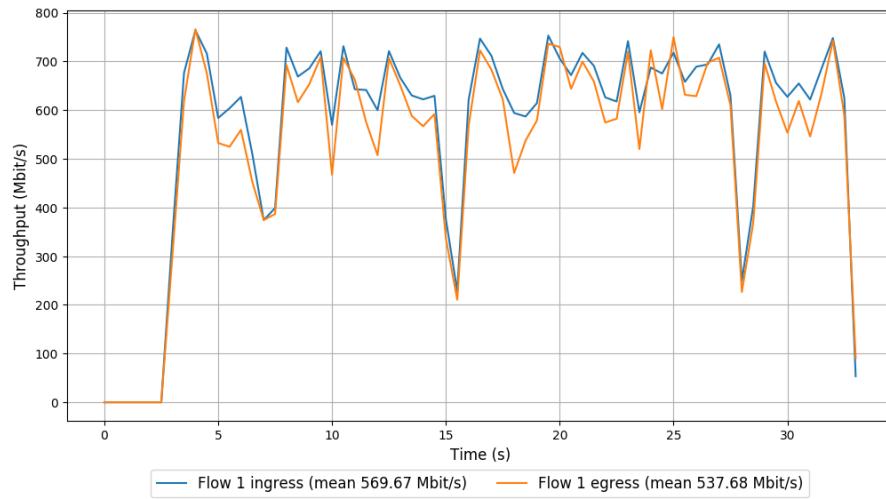


Run 7: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 19:33:30 +0000
End at: Fri, 23 Jun 2017 19:34:00 +0000
Local clock offset: 1.963 ms
Remote clock offset: -1.645 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 537.68 Mbit/s
95th percentile per-packet one-way delay: 24.564 ms
Loss rate: 5.61%
-- Flow 1:
Average throughput: 537.68 Mbit/s
95th percentile per-packet one-way delay: 24.564 ms
Loss rate: 5.61%
```

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

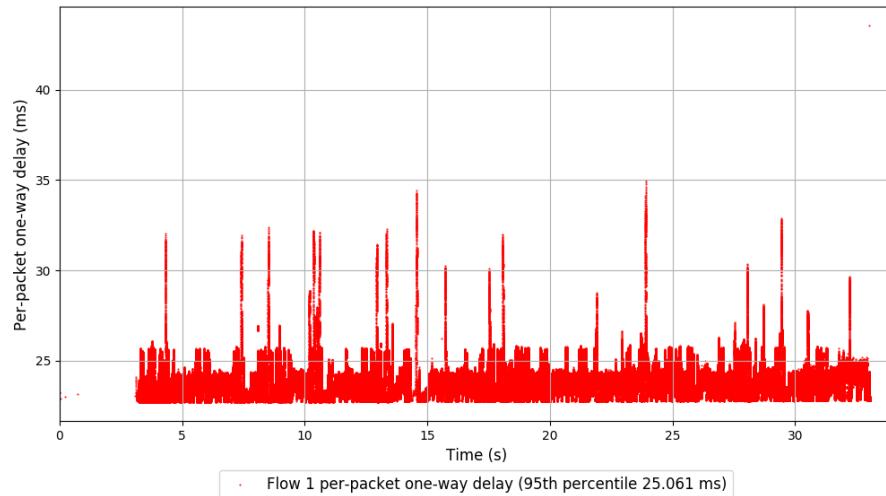
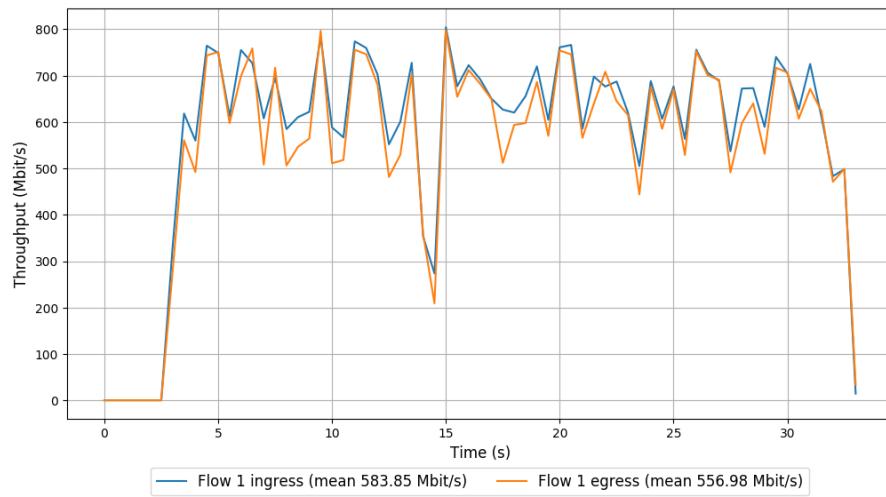


Run 8: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 19:53:41 +0000
End at: Fri, 23 Jun 2017 19:54:11 +0000
Local clock offset: 2.092 ms
Remote clock offset: -1.809 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:54:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 556.98 Mbit/s
95th percentile per-packet one-way delay: 25.061 ms
Loss rate: 4.60%
-- Flow 1:
Average throughput: 556.98 Mbit/s
95th percentile per-packet one-way delay: 25.061 ms
Loss rate: 4.60%
```

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

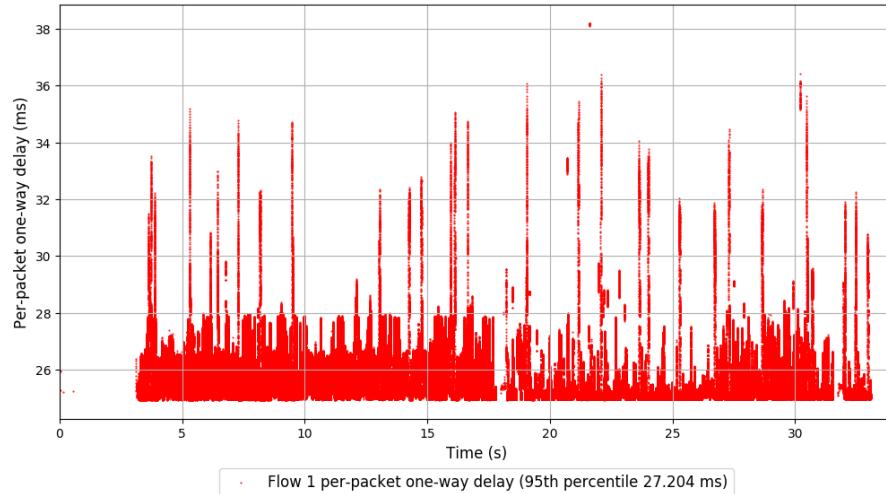
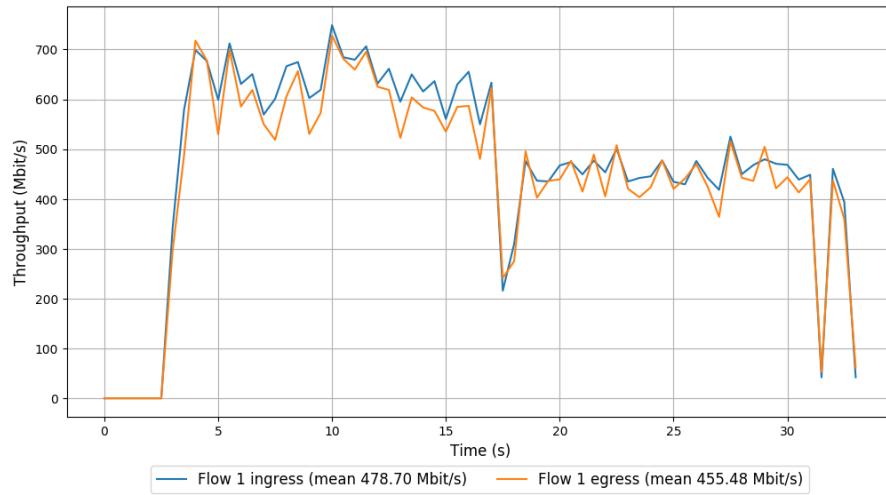


Run 9: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 20:13:36 +0000
End at: Fri, 23 Jun 2017 20:14:06 +0000
Local clock offset: 4.131 ms
Remote clock offset: -2.014 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:55:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 455.48 Mbit/s
95th percentile per-packet one-way delay: 27.204 ms
Loss rate: 4.85%
-- Flow 1:
Average throughput: 455.48 Mbit/s
95th percentile per-packet one-way delay: 27.204 ms
Loss rate: 4.85%
```

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

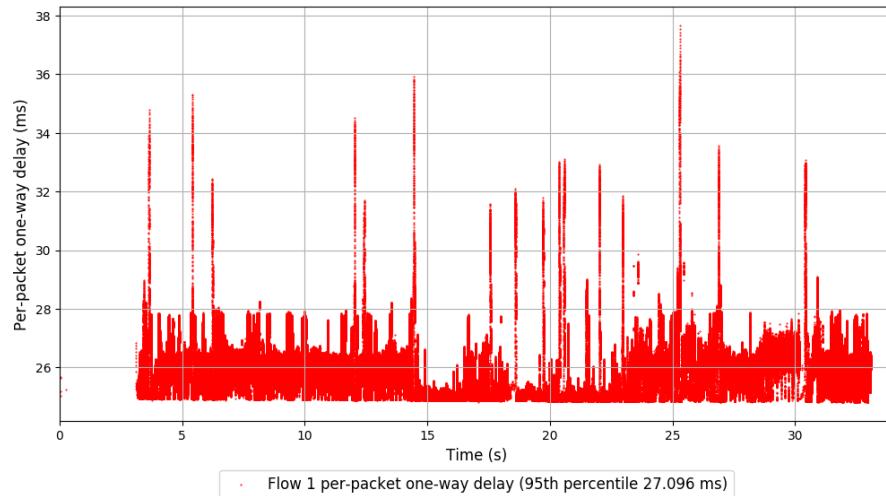
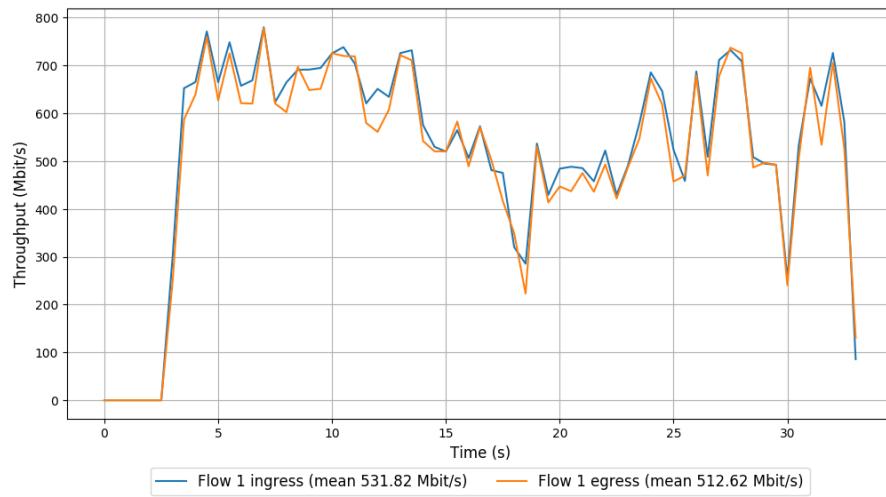


```
Run 10: Statistics of TCP BBR
```

```
Start at: Fri, 23 Jun 2017 20:33:39 +0000
End at: Fri, 23 Jun 2017 20:34:09 +0000
Local clock offset: 4.537 ms
Remote clock offset: -1.728 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:55:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 512.62 Mbit/s
95th percentile per-packet one-way delay: 27.096 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 512.62 Mbit/s
95th percentile per-packet one-way delay: 27.096 ms
Loss rate: 3.61%
```

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

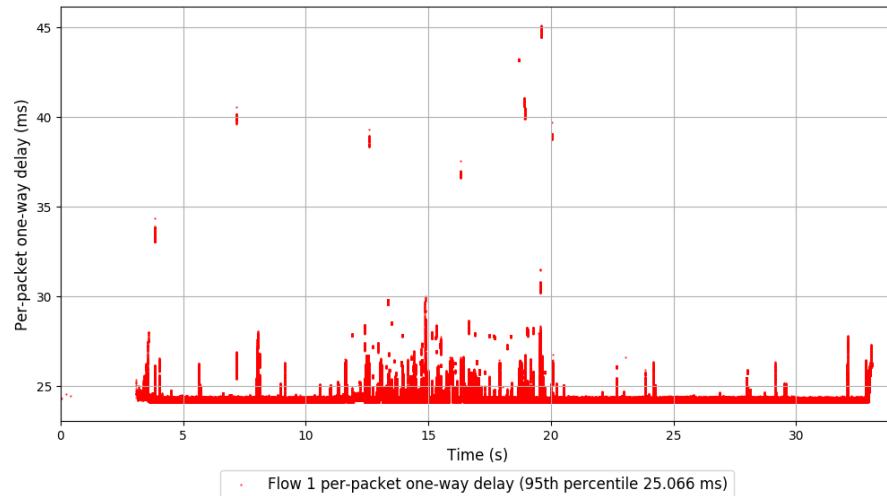
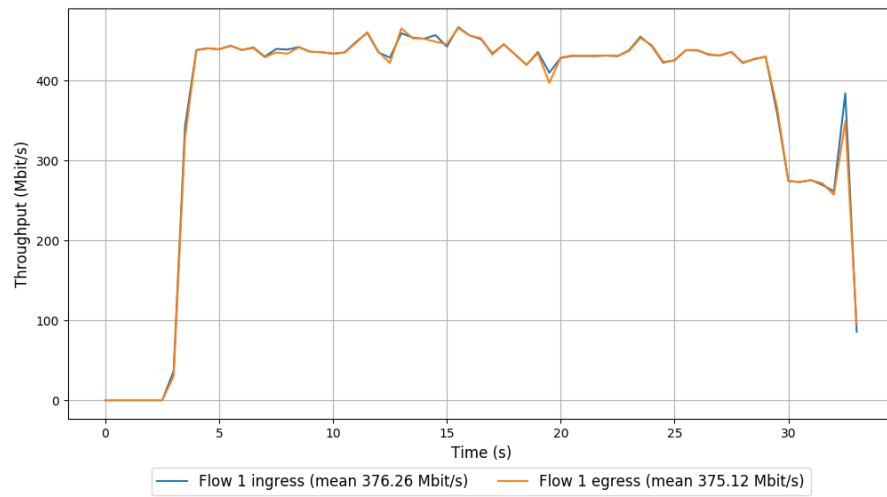


```
Run 1: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 17:24:10 +0000
End at: Fri, 23 Jun 2017 17:24:40 +0000
Local clock offset: 2.616 ms
Remote clock offset: -2.746 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:56:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 375.12 Mbit/s
95th percentile per-packet one-way delay: 25.066 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 375.12 Mbit/s
95th percentile per-packet one-way delay: 25.066 ms
Loss rate: 0.30%
```

Run 1: Report of CalibratedKoho — Data Link

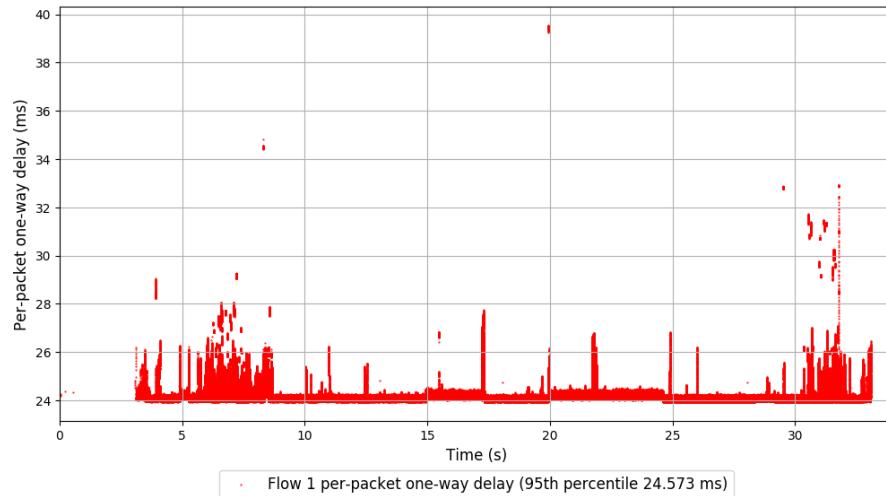
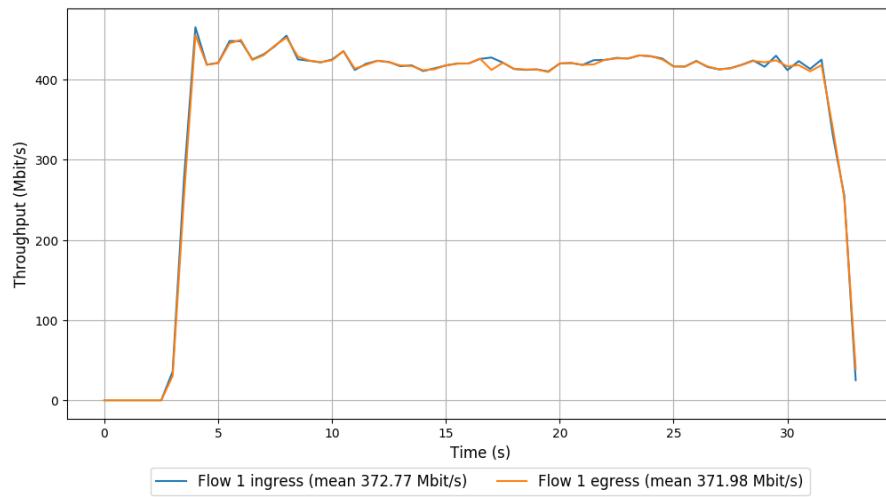


Run 2: Statistics of CalibratedKoho

```
Start at: Fri, 23 Jun 2017 17:43:58 +0000
End at: Fri, 23 Jun 2017 17:44:28 +0000
Local clock offset: 2.491 ms
Remote clock offset: -2.736 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:56:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 371.98 Mbit/s
95th percentile per-packet one-way delay: 24.573 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 371.98 Mbit/s
95th percentile per-packet one-way delay: 24.573 ms
Loss rate: 0.21%
```

Run 2: Report of CalibratedKoho — Data Link

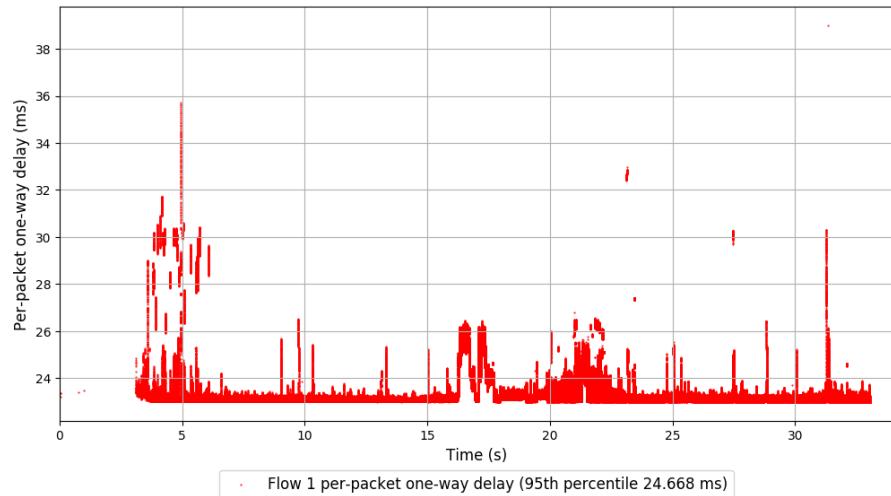
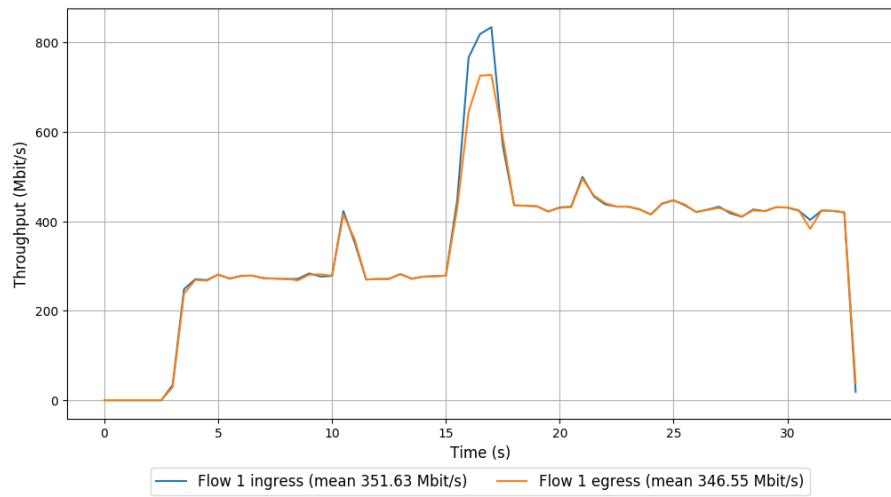


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Fri, 23 Jun 2017 18:03:43 +0000
End at: Fri, 23 Jun 2017 18:04:13 +0000
Local clock offset: 1.792 ms
Remote clock offset: -2.56 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 346.55 Mbit/s
95th percentile per-packet one-way delay: 24.668 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 346.55 Mbit/s
95th percentile per-packet one-way delay: 24.668 ms
Loss rate: 1.46%
```

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

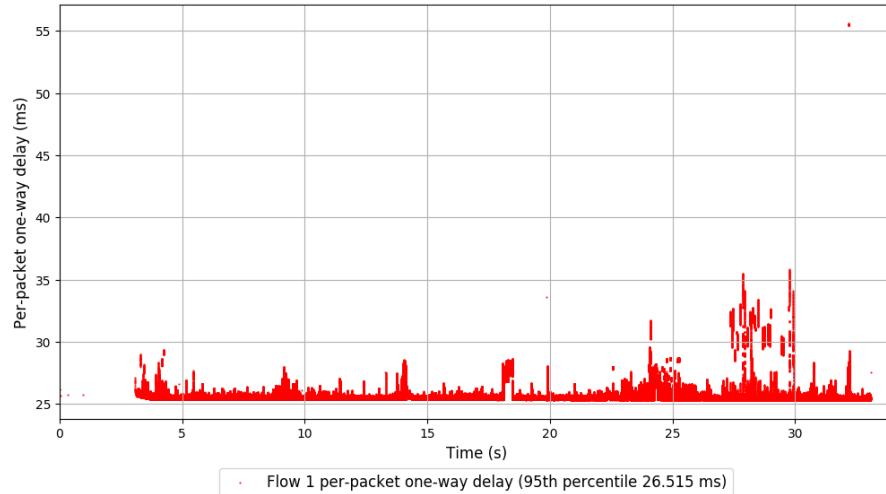
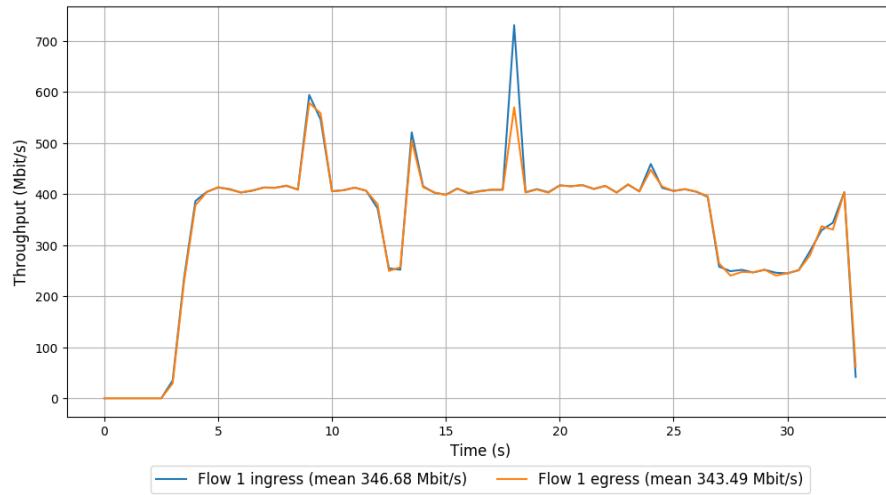


Run 4: Statistics of CalibratedKoho

```
Start at: Fri, 23 Jun 2017 18:23:40 +0000
End at: Fri, 23 Jun 2017 18:24:10 +0000
Local clock offset: 4.772 ms
Remote clock offset: -2.023 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 343.49 Mbit/s
95th percentile per-packet one-way delay: 26.515 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 343.49 Mbit/s
95th percentile per-packet one-way delay: 26.515 ms
Loss rate: 0.92%
```

Run 4: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 18:43:26 +0000
```

```
End at: Fri, 23 Jun 2017 18:43:56 +0000
```

```
Local clock offset: 4.514 ms
```

```
Remote clock offset: -2.041 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:50 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 330.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.089 ms
```

```
Loss rate: 0.14%
```

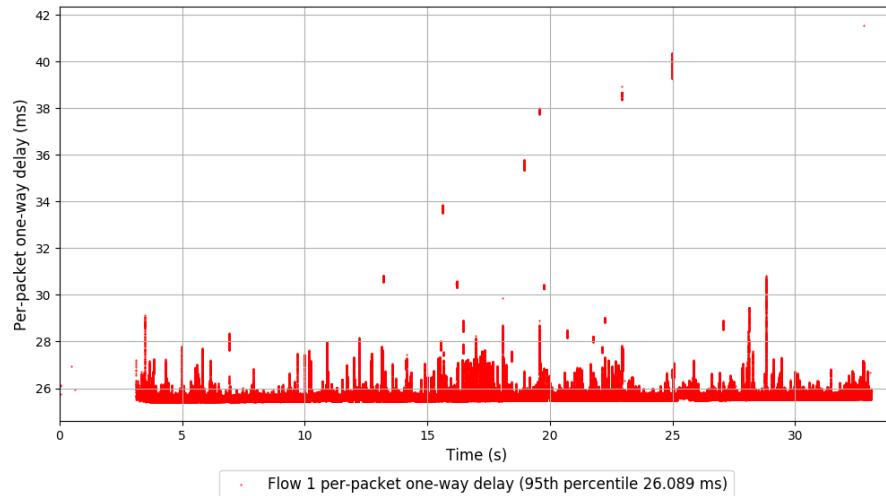
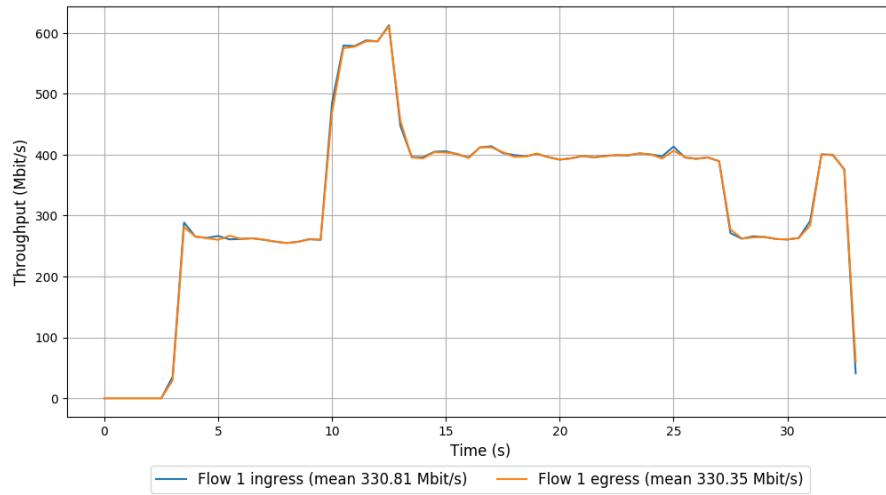
```
-- Flow 1:
```

```
Average throughput: 330.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.089 ms
```

```
Loss rate: 0.14%
```

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



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

```
Start at: Fri, 23 Jun 2017 19:03:08 +0000
```

```
End at: Fri, 23 Jun 2017 19:03:38 +0000
```

```
Local clock offset: 5.462 ms
```

```
Remote clock offset: -1.848 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:57:54 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 342.67 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.545 ms
```

```
Loss rate: 0.17%
```

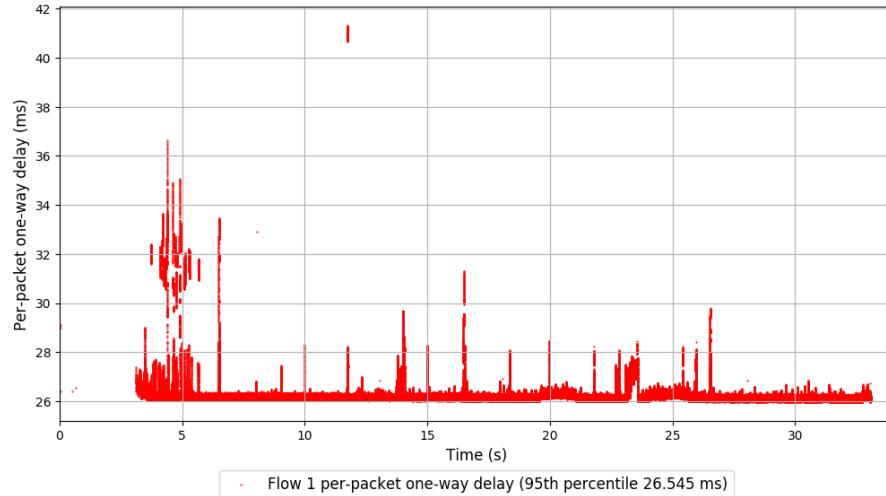
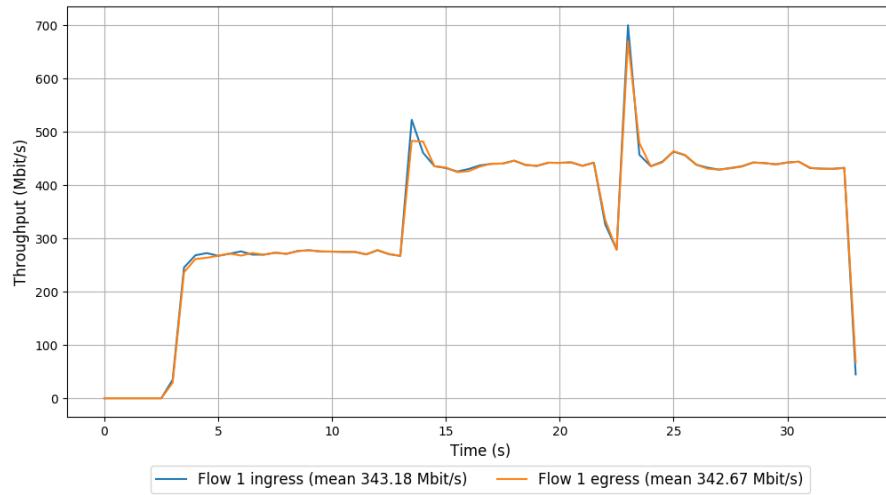
```
-- Flow 1:
```

```
Average throughput: 342.67 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.545 ms
```

```
Loss rate: 0.17%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 19:22:49 +0000

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

Local clock offset: 3.246 ms

Remote clock offset: -1.891 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 359.88 Mbit/s

95th percentile per-packet one-way delay: 24.364 ms

Loss rate: 0.35%

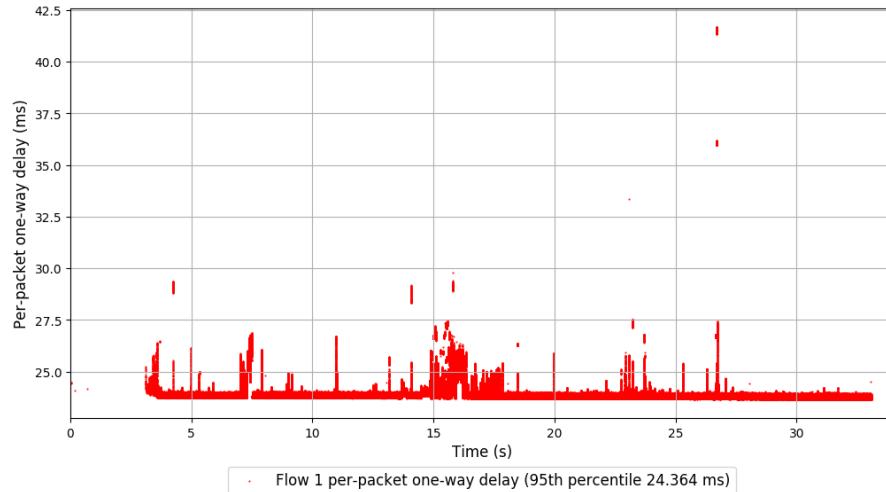
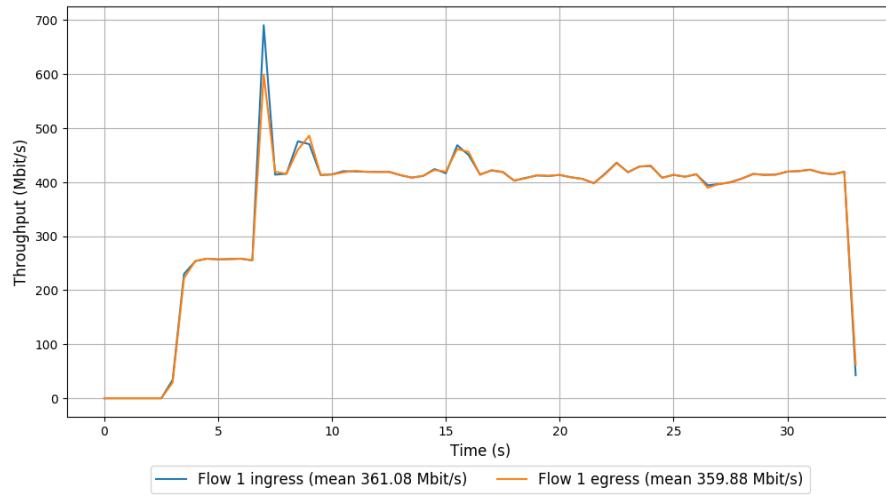
-- Flow 1:

Average throughput: 359.88 Mbit/s

95th percentile per-packet one-way delay: 24.364 ms

Loss rate: 0.35%

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

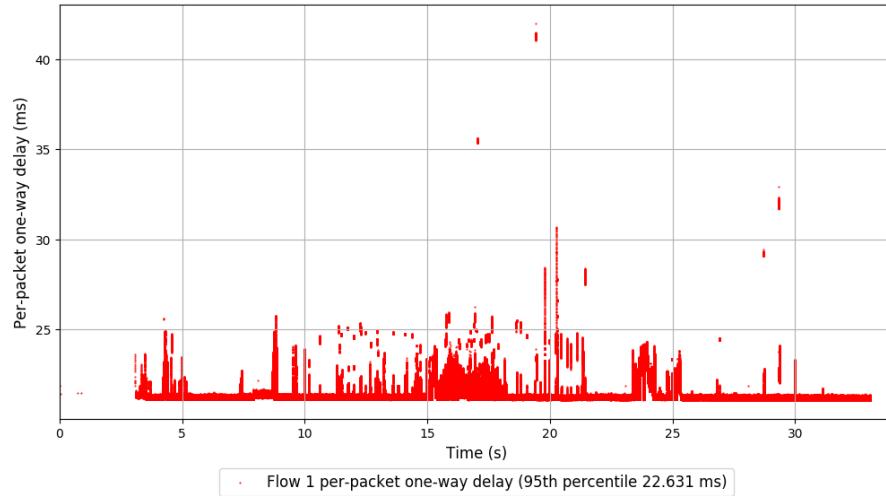
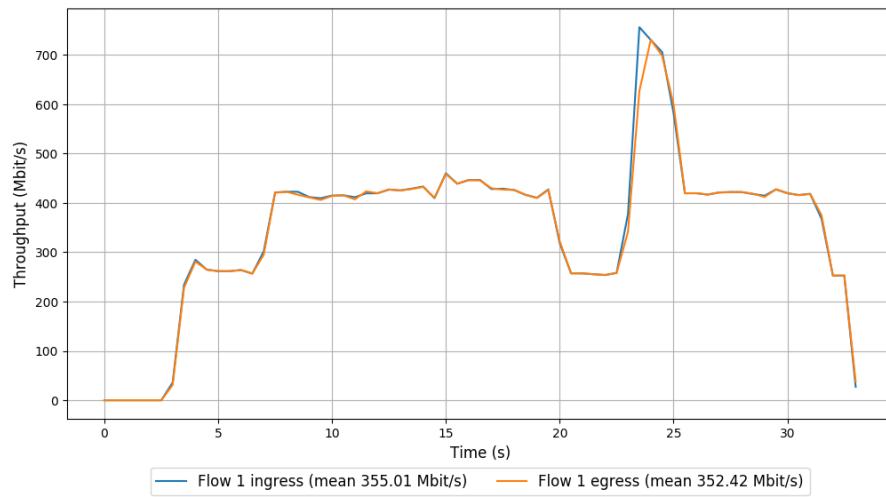


Run 8: Statistics of CalibratedKoho

```
Start at: Fri, 23 Jun 2017 19:42:48 +0000
End at: Fri, 23 Jun 2017 19:43:18 +0000
Local clock offset: 0.876 ms
Remote clock offset: -1.597 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:58:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 352.42 Mbit/s
95th percentile per-packet one-way delay: 22.631 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 352.42 Mbit/s
95th percentile per-packet one-way delay: 22.631 ms
Loss rate: 0.74%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 20:02:55 +0000
```

```
End at: Fri, 23 Jun 2017 20:03:25 +0000
```

```
Local clock offset: 3.353 ms
```

```
Remote clock offset: -1.8 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:59:32 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 338.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.456 ms
```

```
Loss rate: 0.52%
```

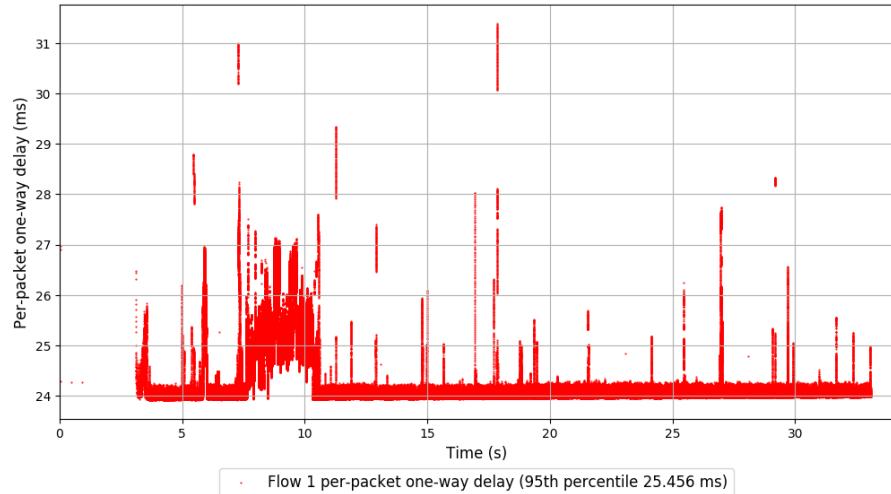
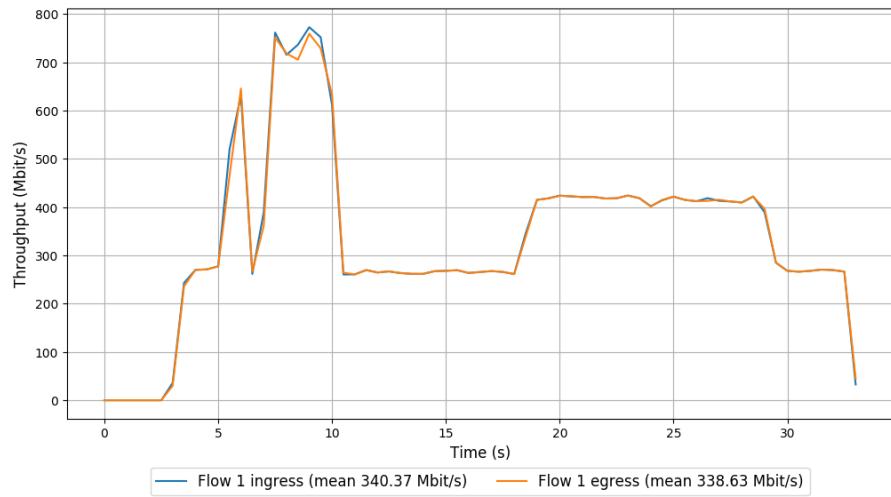
```
-- Flow 1:
```

```
Average throughput: 338.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.456 ms
```

```
Loss rate: 0.52%
```

## Run 9: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 20:22:55 +0000
```

```
End at: Fri, 23 Jun 2017 20:23:25 +0000
```

```
Local clock offset: 4.487 ms
```

```
Remote clock offset: -1.951 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 01:59:37 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 369.87 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.483 ms
```

```
Loss rate: 0.48%
```

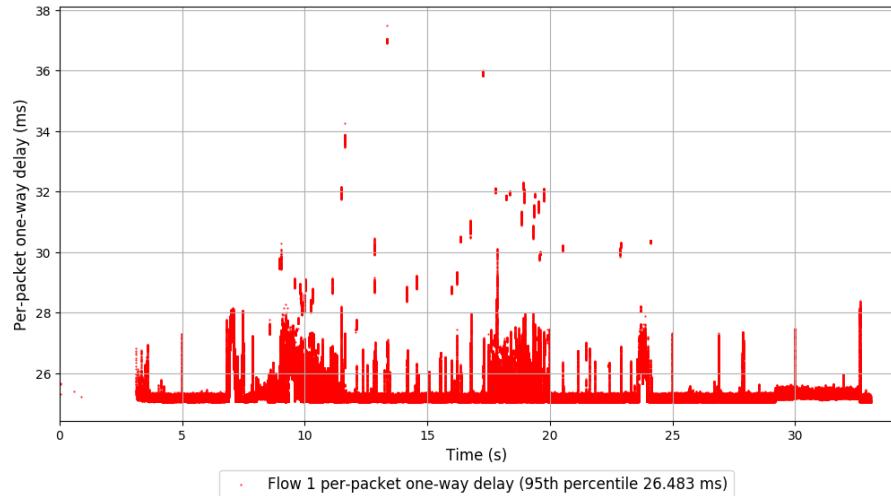
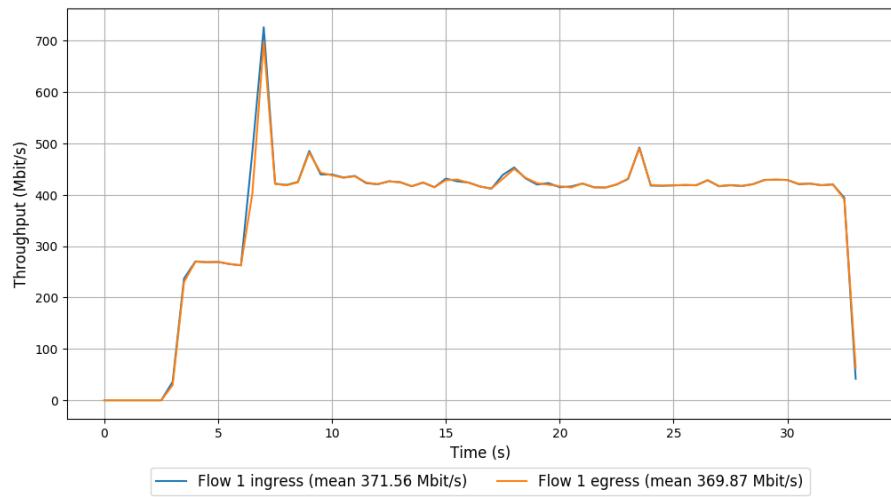
```
-- Flow 1:
```

```
Average throughput: 369.87 Mbit/s
```

```
95th percentile per-packet one-way delay: 26.483 ms
```

```
Loss rate: 0.48%
```

## Run 10: Report of CalibratedKoho — Data Link

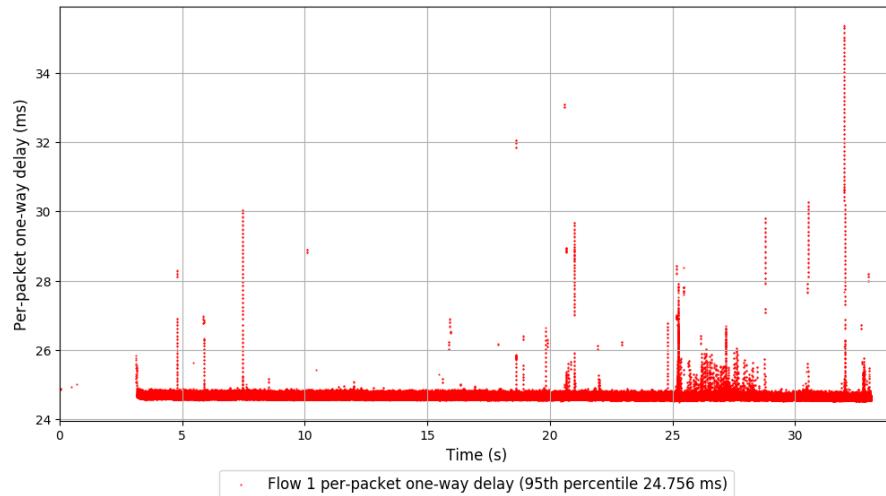
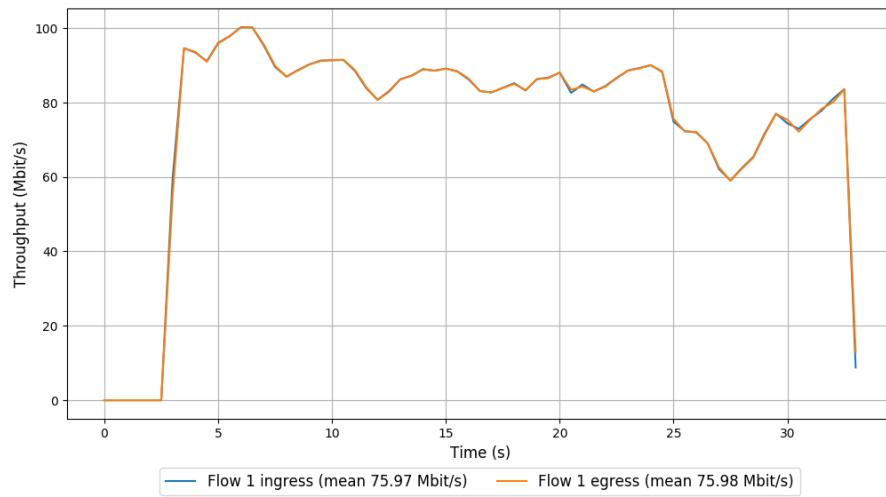


Run 1: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 17:33:37 +0000
End at: Fri, 23 Jun 2017 17:34:07 +0000
Local clock offset: 3.203 ms
Remote clock offset: -2.838 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:59:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 24.756 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 24.756 ms
Loss rate: 0.00%
```

## Run 1: Report of Copa — Data Link

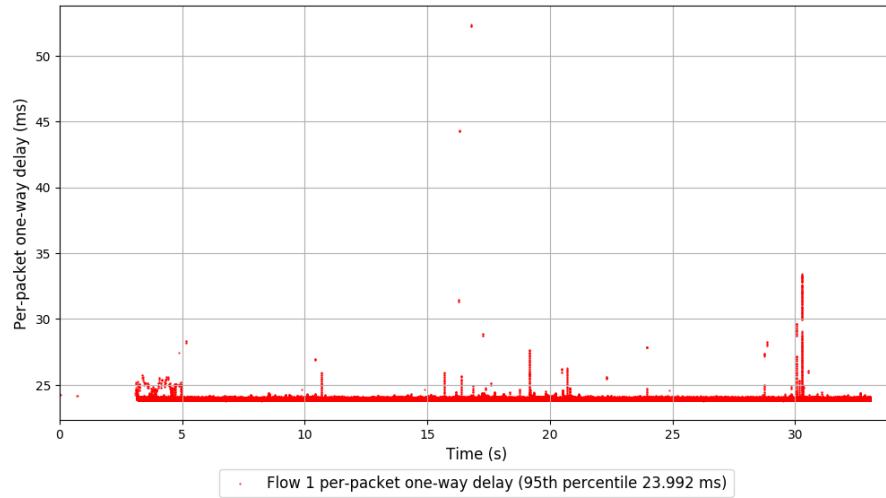
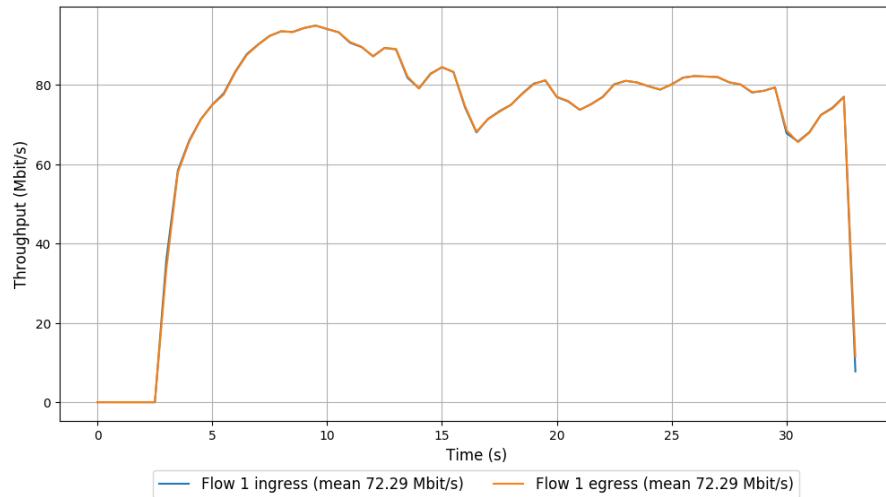


Run 2: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 17:53:23 +0000
End at: Fri, 23 Jun 2017 17:53:53 +0000
Local clock offset: 2.402 ms
Remote clock offset: -2.61 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 01:59:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.29 Mbit/s
95th percentile per-packet one-way delay: 23.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.29 Mbit/s
95th percentile per-packet one-way delay: 23.992 ms
Loss rate: 0.00%
```

## Run 2: Report of Copa — Data Link

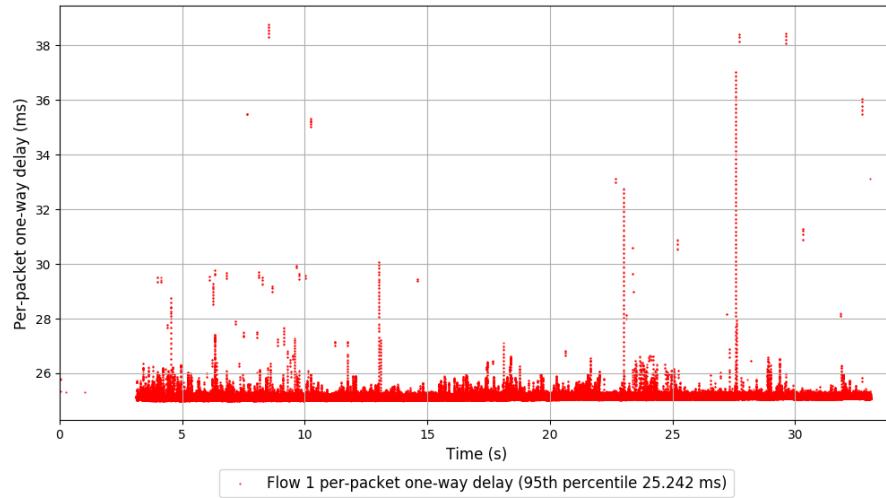
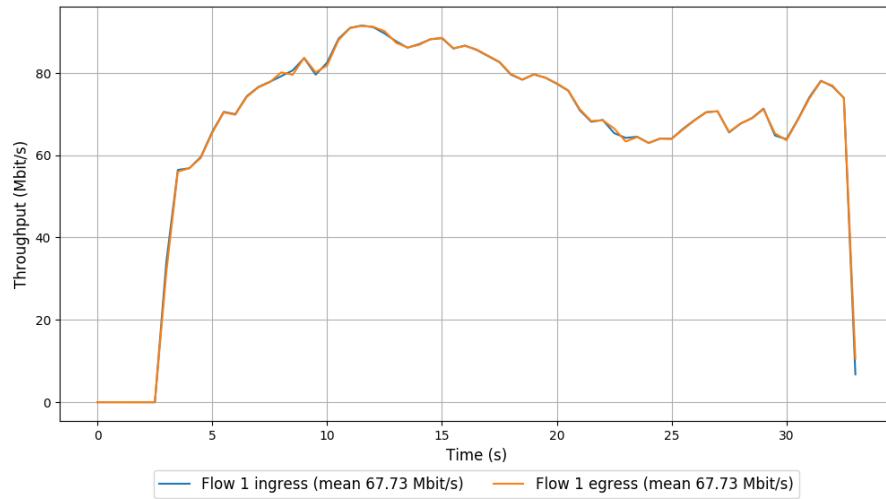


Run 3: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 18:13:11 +0000
End at: Fri, 23 Jun 2017 18:13:41 +0000
Local clock offset: 3.826 ms
Remote clock offset: -2.409 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:00:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.73 Mbit/s
95th percentile per-packet one-way delay: 25.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.73 Mbit/s
95th percentile per-packet one-way delay: 25.242 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

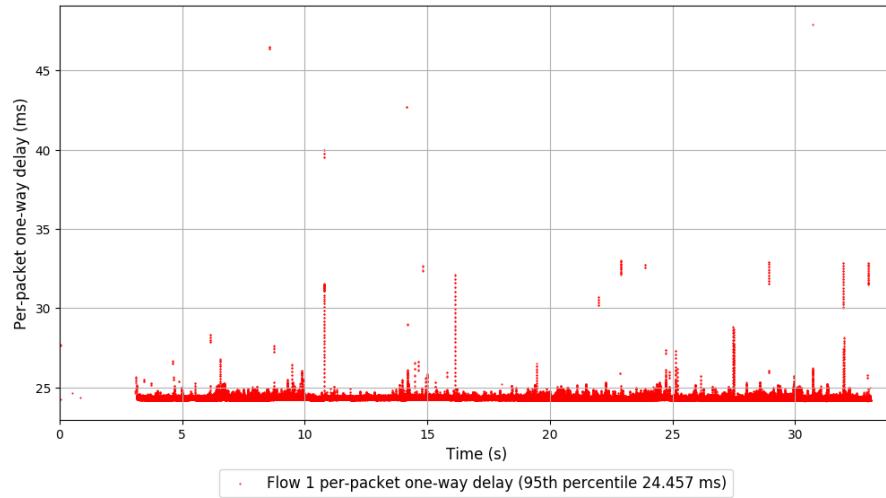
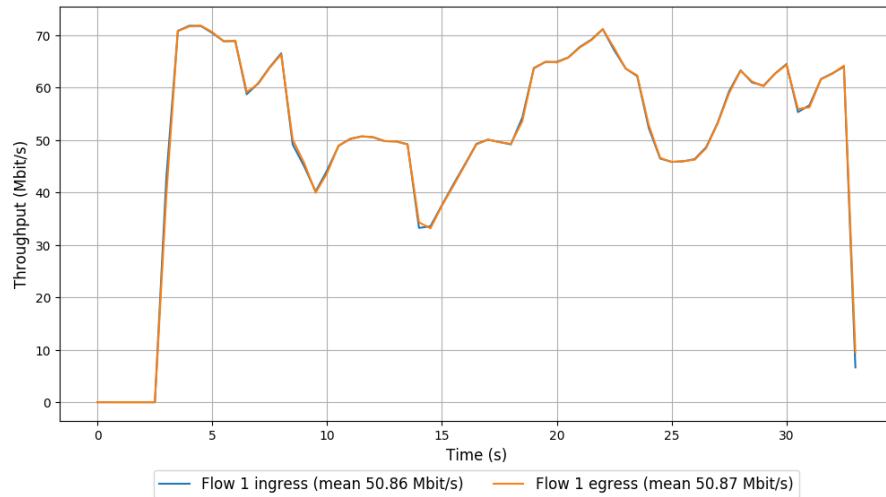


Run 4: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 18:33:08 +0000
End at: Fri, 23 Jun 2017 18:33:38 +0000
Local clock offset: 3.691 ms
Remote clock offset: -1.881 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:00:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.87 Mbit/s
95th percentile per-packet one-way delay: 24.457 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.87 Mbit/s
95th percentile per-packet one-way delay: 24.457 ms
Loss rate: 0.00%
```

## Run 4: Report of Copa — Data Link

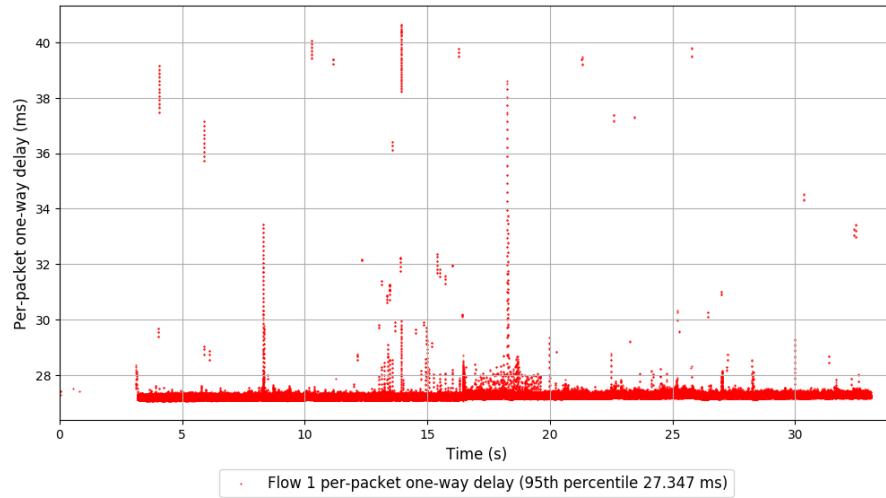
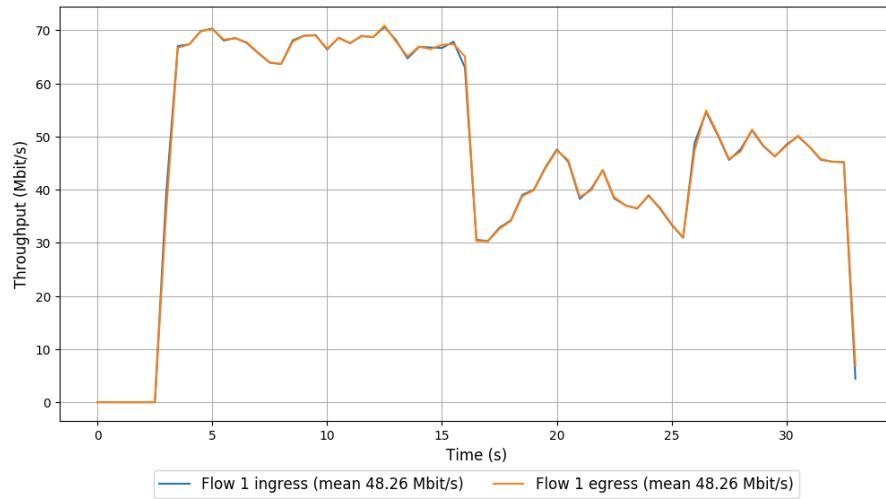


Run 5: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 18:52:46 +0000
End at: Fri, 23 Jun 2017 18:53:16 +0000
Local clock offset: 6.452 ms
Remote clock offset: -1.945 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:00:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 27.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 27.347 ms
Loss rate: 0.00%
```

## Run 5: Report of Copa — Data Link

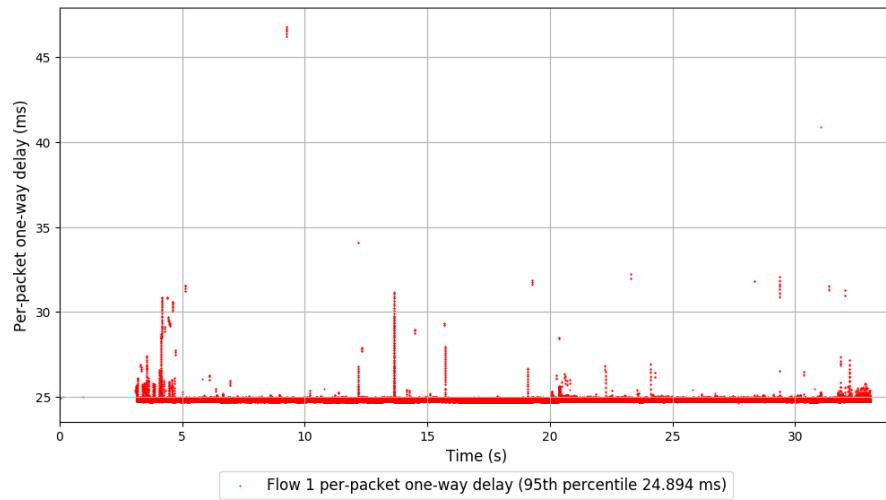
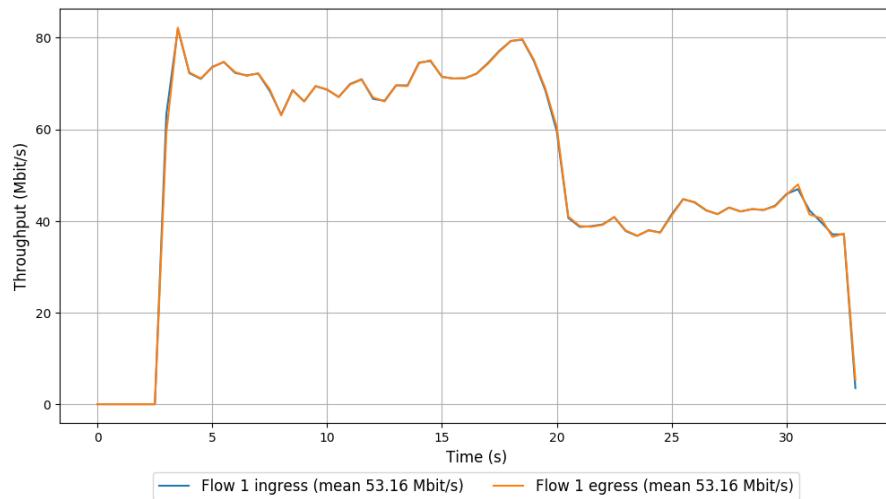


Run 6: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 19:12:31 +0000
End at: Fri, 23 Jun 2017 19:13:01 +0000
Local clock offset: 4.231 ms
Remote clock offset: -1.894 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:00:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.16 Mbit/s
95th percentile per-packet one-way delay: 24.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.16 Mbit/s
95th percentile per-packet one-way delay: 24.894 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

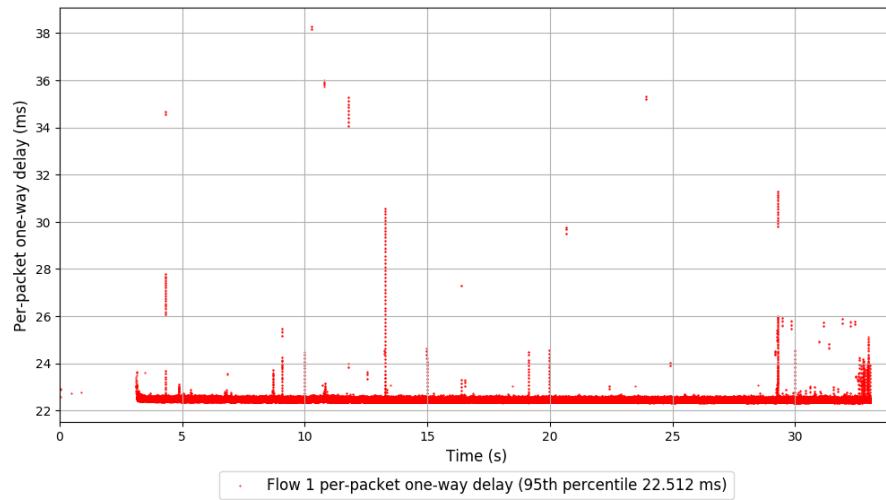
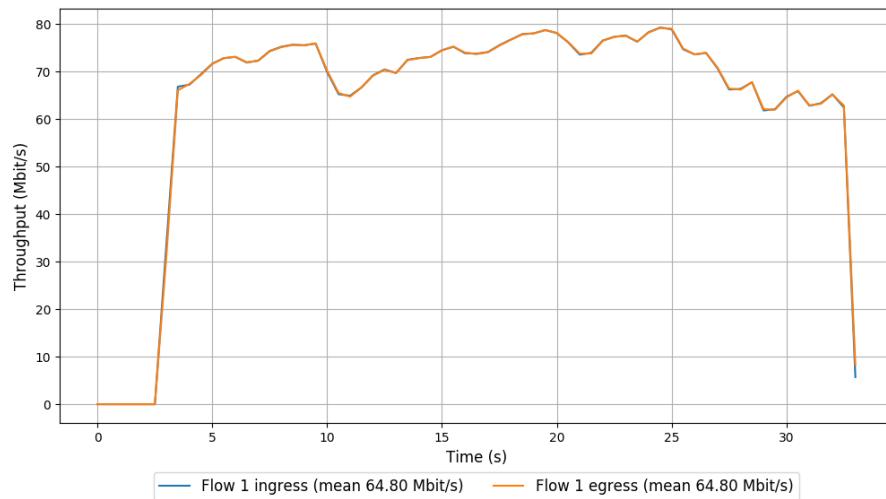


Run 7: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 19:32:14 +0000
End at: Fri, 23 Jun 2017 19:32:44 +0000
Local clock offset: 2.063 ms
Remote clock offset: -1.725 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:00:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.80 Mbit/s
95th percentile per-packet one-way delay: 22.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.80 Mbit/s
95th percentile per-packet one-way delay: 22.512 ms
Loss rate: 0.00%
```

## Run 7: Report of Copa — Data Link

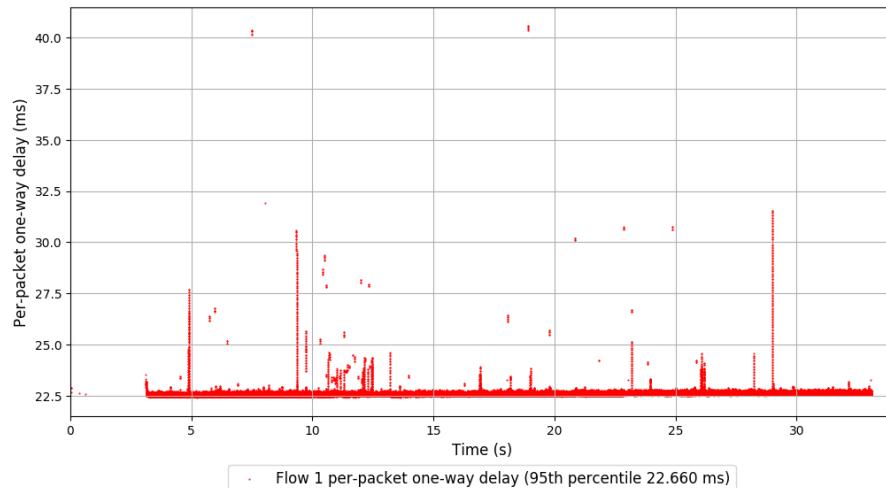
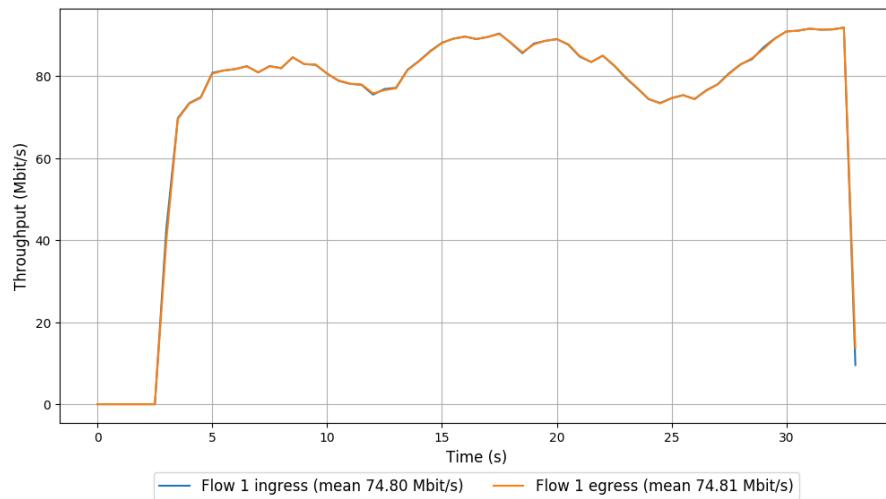


Run 8: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 19:52:23 +0000
End at: Fri, 23 Jun 2017 19:52:53 +0000
Local clock offset: 1.91 ms
Remote clock offset: -1.776 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:00:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 22.660 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 22.660 ms
Loss rate: 0.00%
```

## Run 8: Report of Copa — Data Link

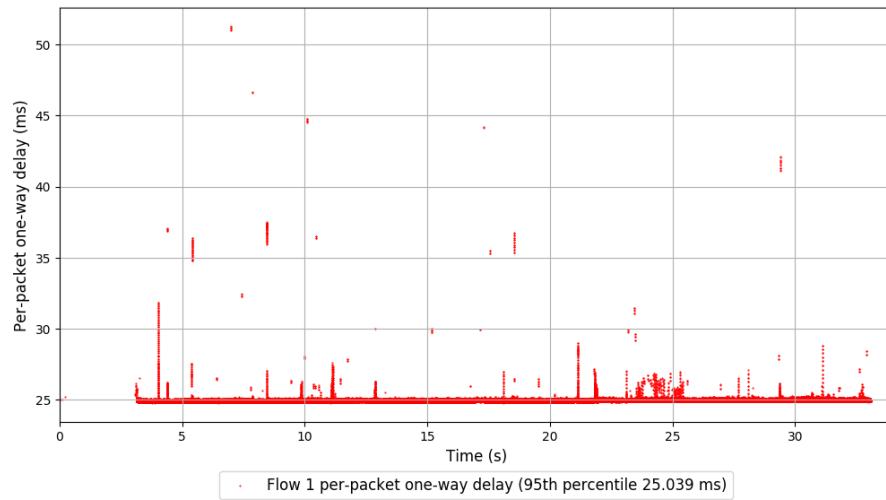
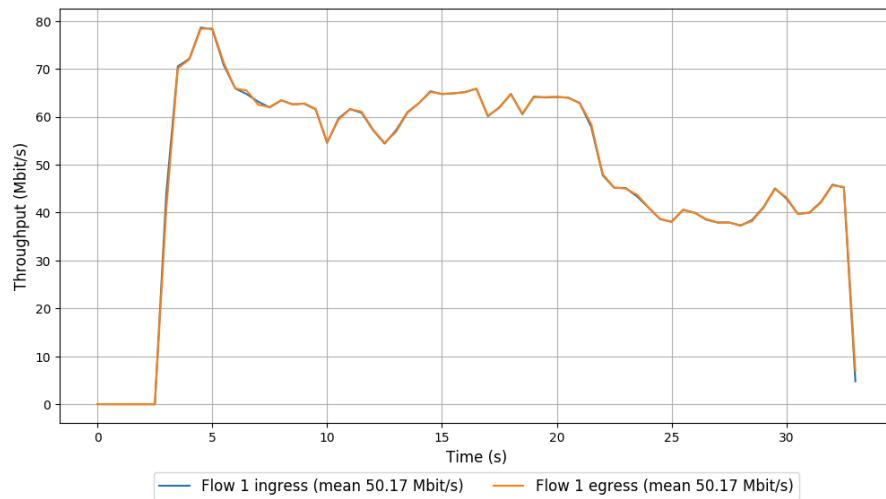


Run 9: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:12:21 +0000
End at: Fri, 23 Jun 2017 20:12:51 +0000
Local clock offset: 4.128 ms
Remote clock offset: -1.972 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:00:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 25.039 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 25.039 ms
Loss rate: 0.01%
```

## Run 9: Report of Copa — Data Link

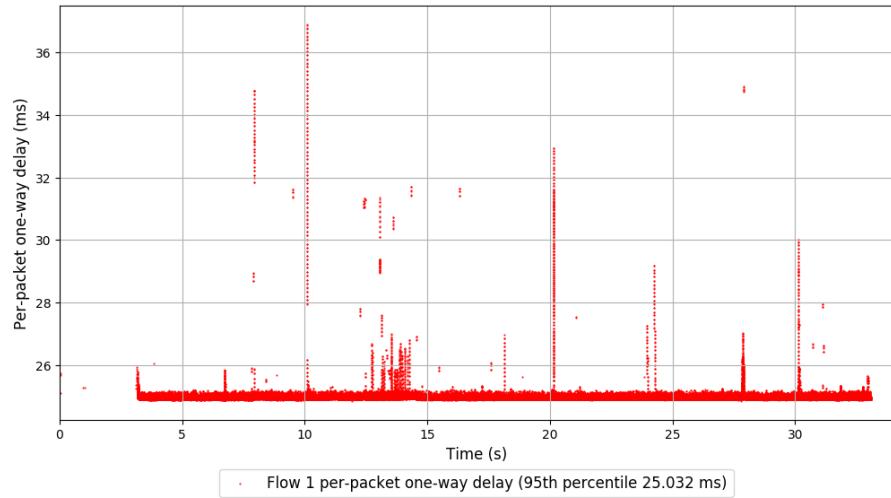
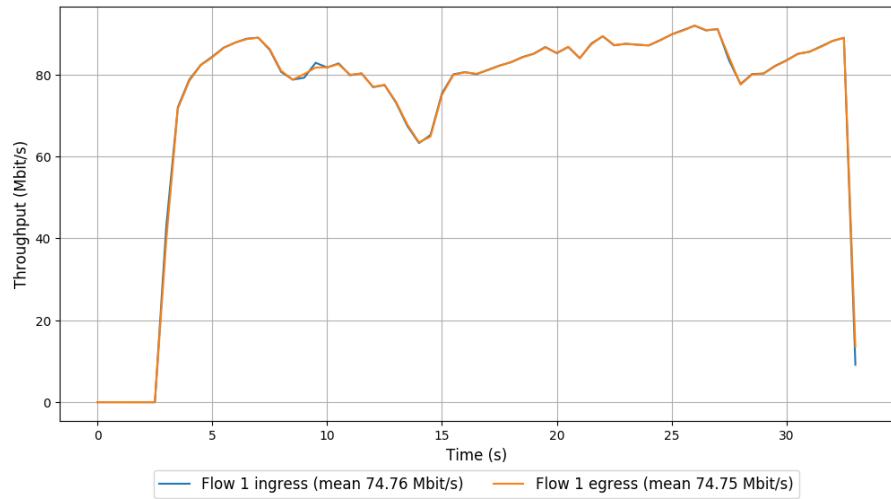


Run 10: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:32:22 +0000
End at: Fri, 23 Jun 2017 20:32:52 +0000
Local clock offset: 4.469 ms
Remote clock offset: -1.827 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:01:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.75 Mbit/s
95th percentile per-packet one-way delay: 25.032 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 74.75 Mbit/s
95th percentile per-packet one-way delay: 25.032 ms
Loss rate: 0.01%
```

## Run 10: Report of Copa — Data Link



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

```
Start at: Fri, 23 Jun 2017 17:36:27 +0000
```

```
End at: Fri, 23 Jun 2017 17:36:57 +0000
```

```
Local clock offset: 2.832 ms
```

```
Remote clock offset: -2.818 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 02:01:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 129.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.877 ms
```

```
Loss rate: 0.07%
```

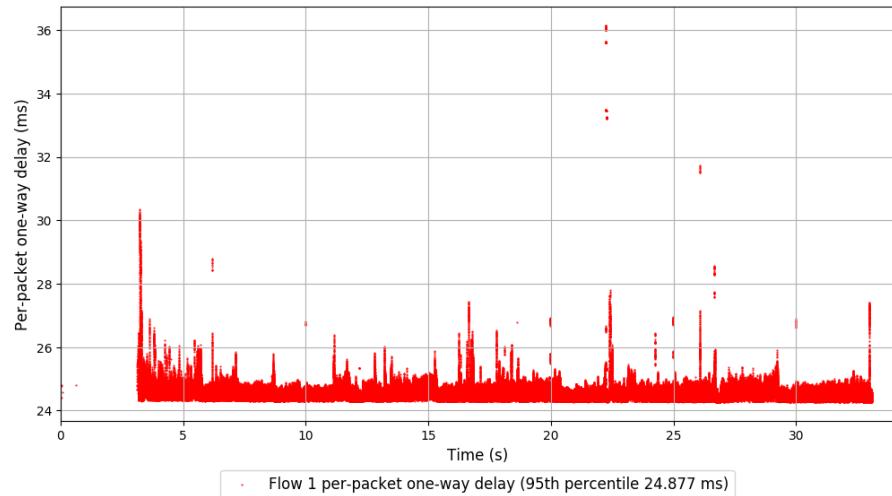
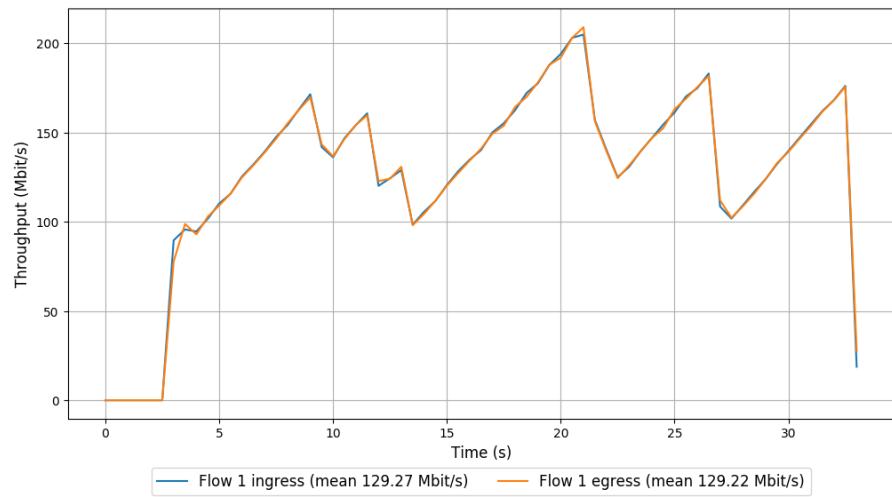
```
-- Flow 1:
```

```
Average throughput: 129.22 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.877 ms
```

```
Loss rate: 0.07%
```

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

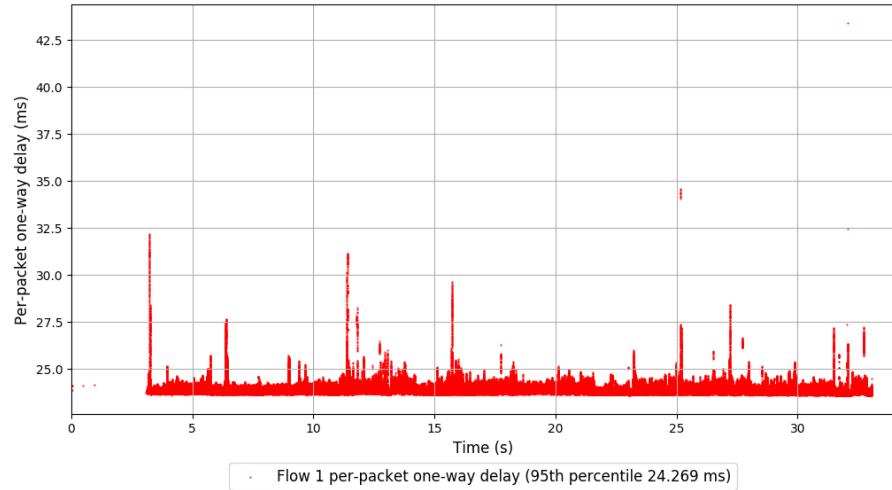
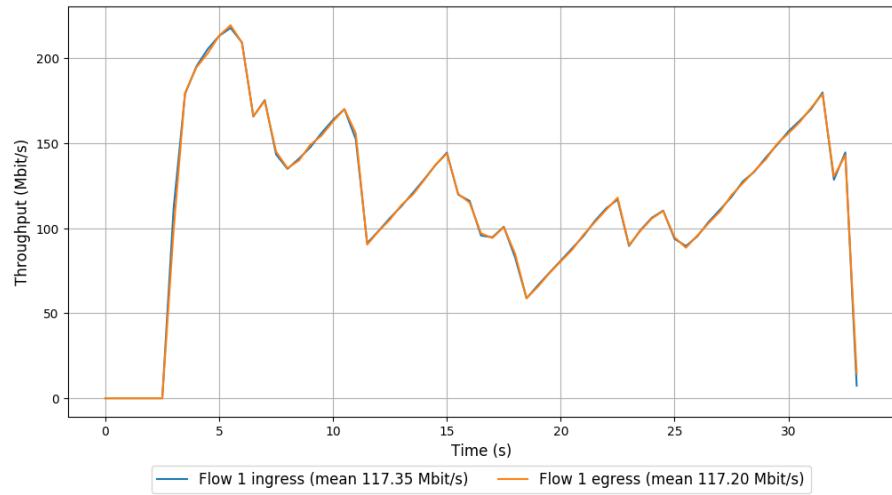


Run 2: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 17:56:16 +0000
End at: Fri, 23 Jun 2017 17:56:46 +0000
Local clock offset: 2.397 ms
Remote clock offset: -2.609 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:01:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 117.20 Mbit/s
95th percentile per-packet one-way delay: 24.269 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 117.20 Mbit/s
95th percentile per-packet one-way delay: 24.269 ms
Loss rate: 0.13%
```

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

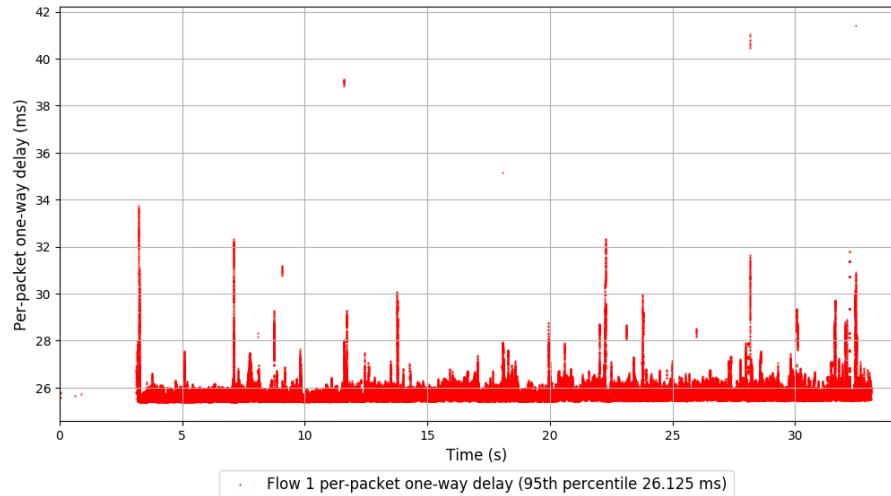
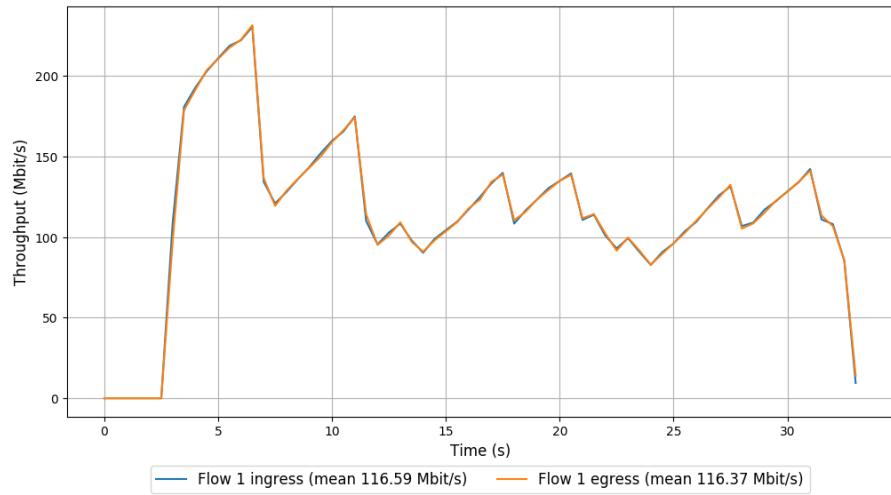


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 18:16:07 +0000
End at: Fri, 23 Jun 2017 18:16:37 +0000
Local clock offset: 4.32 ms
Remote clock offset: -2.206 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:01:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 116.37 Mbit/s
95th percentile per-packet one-way delay: 26.125 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 116.37 Mbit/s
95th percentile per-packet one-way delay: 26.125 ms
Loss rate: 0.19%
```

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

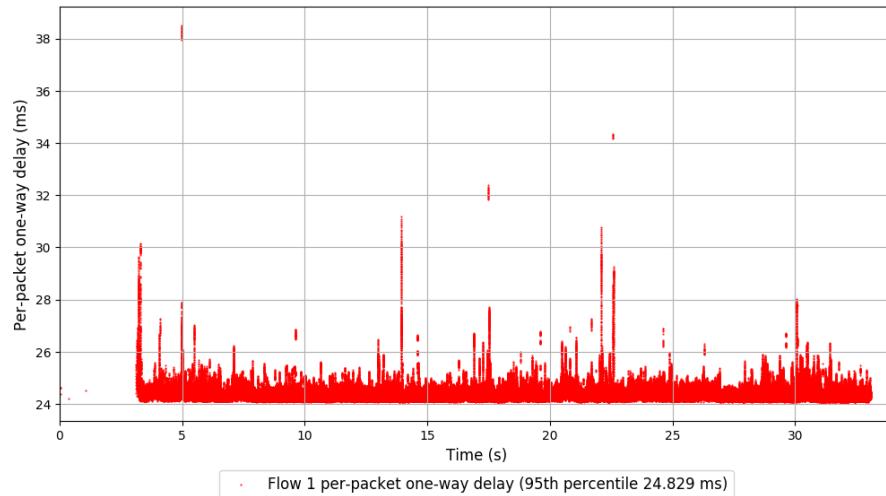
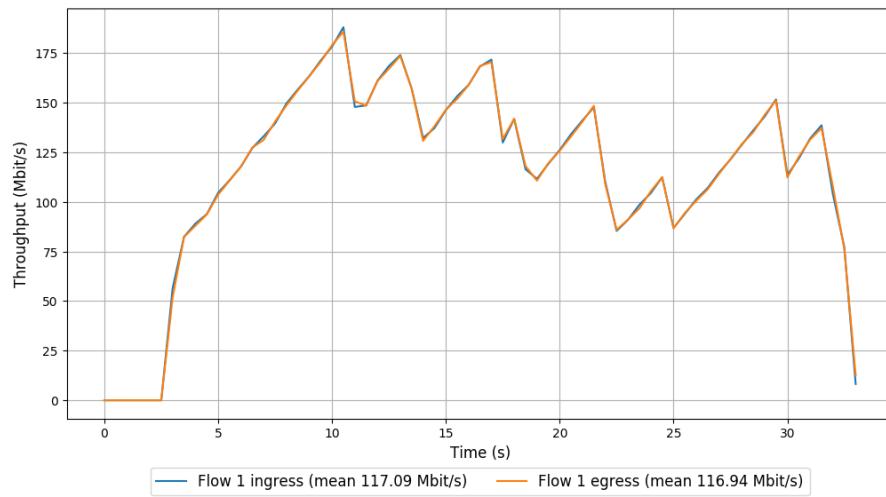


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 18:35:59 +0000
End at: Fri, 23 Jun 2017 18:36:29 +0000
Local clock offset: 3.53 ms
Remote clock offset: -1.976 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:01:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 116.94 Mbit/s
95th percentile per-packet one-way delay: 24.829 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 116.94 Mbit/s
95th percentile per-packet one-way delay: 24.829 ms
Loss rate: 0.14%
```

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

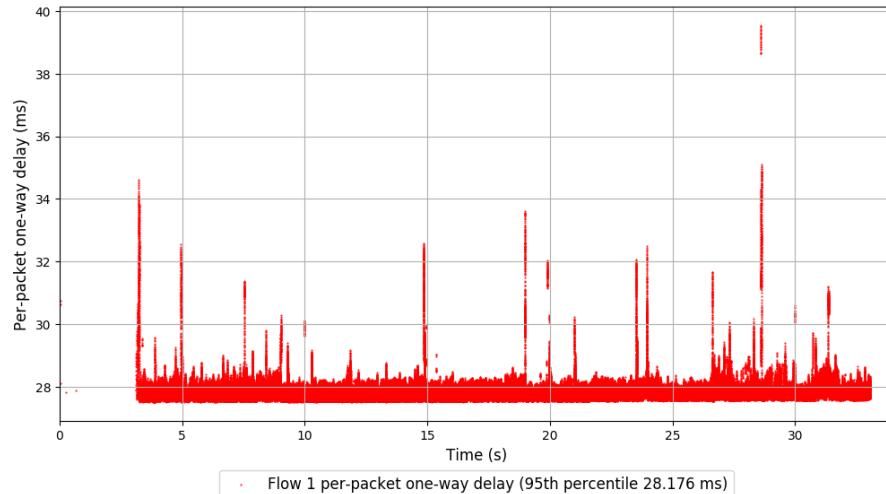
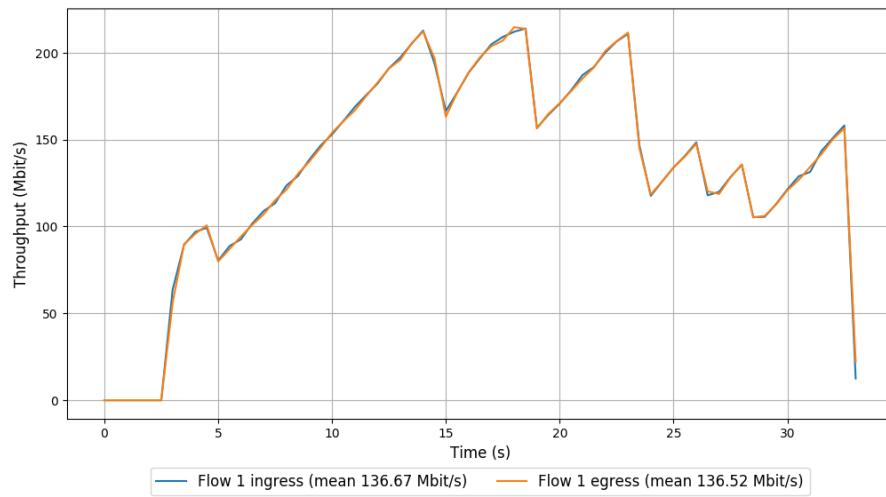


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 18:55:36 +0000
End at: Fri, 23 Jun 2017 18:56:06 +0000
Local clock offset: 6.776 ms
Remote clock offset: -1.877 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:01:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 136.52 Mbit/s
95th percentile per-packet one-way delay: 28.176 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 136.52 Mbit/s
95th percentile per-packet one-way delay: 28.176 ms
Loss rate: 0.12%
```

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

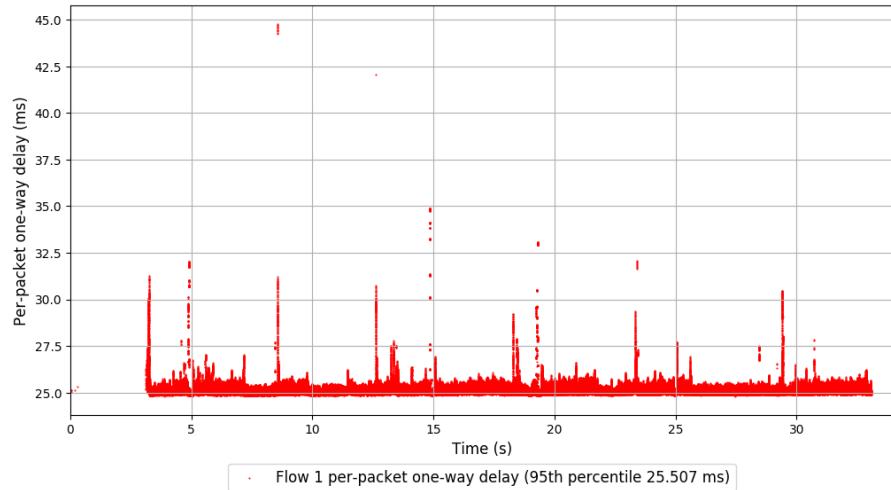
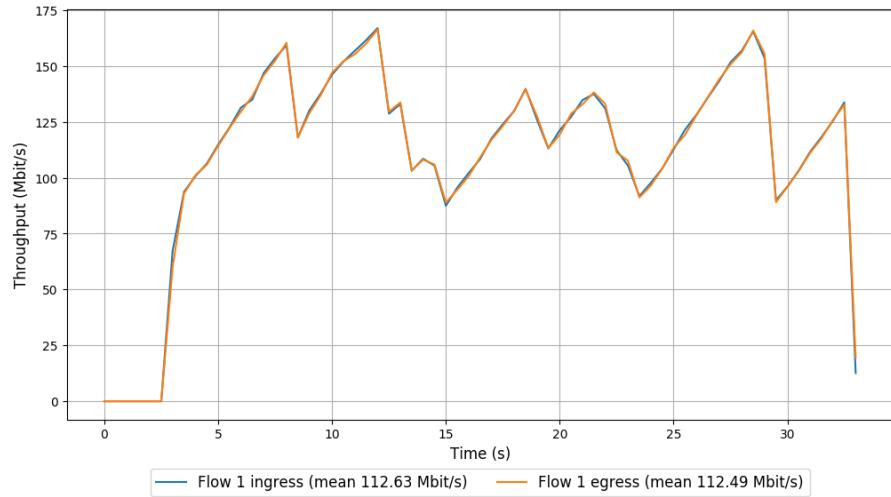


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 19:15:20 +0000
End at: Fri, 23 Jun 2017 19:15:50 +0000
Local clock offset: 4.268 ms
Remote clock offset: -1.923 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:01:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 112.49 Mbit/s
95th percentile per-packet one-way delay: 25.507 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 112.49 Mbit/s
95th percentile per-packet one-way delay: 25.507 ms
Loss rate: 0.14%
```

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



Run 7: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 19:35:12 +0000

End at: Fri, 23 Jun 2017 19:35:42 +0000

Local clock offset: 1.778 ms

Remote clock offset: -1.698 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 157.08 Mbit/s

95th percentile per-packet one-way delay: 22.659 ms

Loss rate: 0.11%

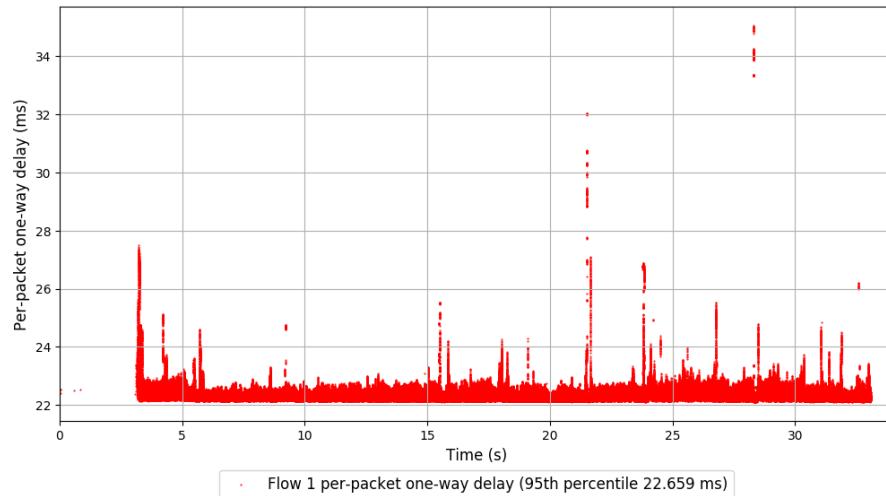
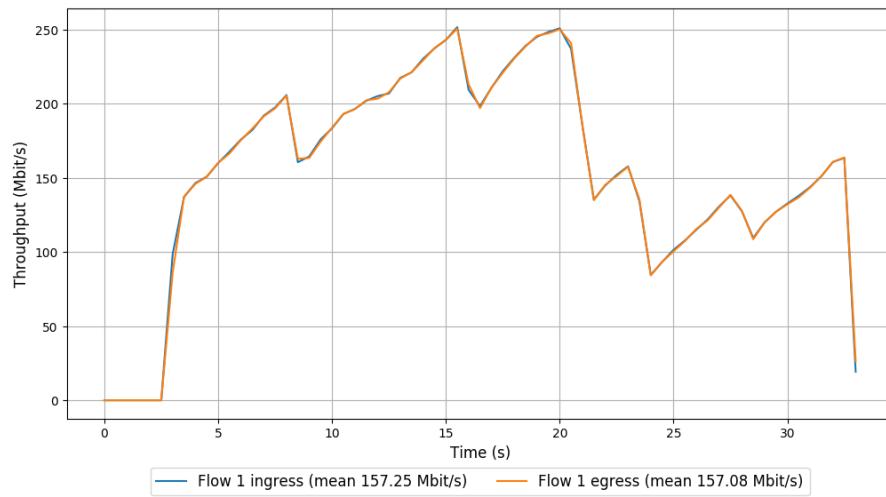
-- Flow 1:

Average throughput: 157.08 Mbit/s

95th percentile per-packet one-way delay: 22.659 ms

Loss rate: 0.11%

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

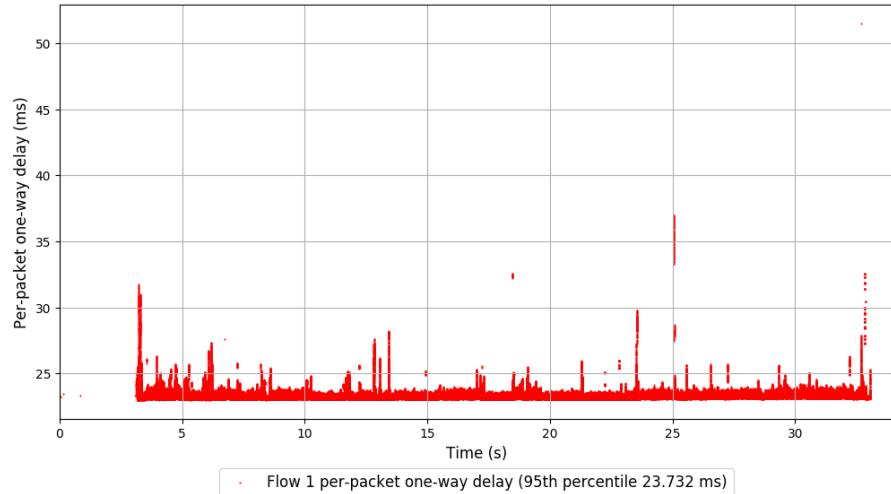
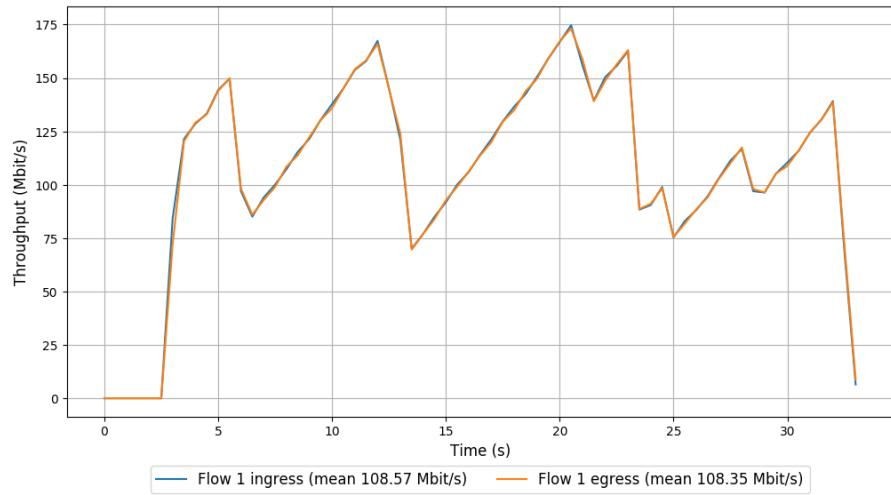


Run 8: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 19:55:25 +0000
End at: Fri, 23 Jun 2017 19:55:55 +0000
Local clock offset: 2.379 ms
Remote clock offset: -1.776 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.35 Mbit/s
95th percentile per-packet one-way delay: 23.732 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 108.35 Mbit/s
95th percentile per-packet one-way delay: 23.732 ms
Loss rate: 0.20%
```

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

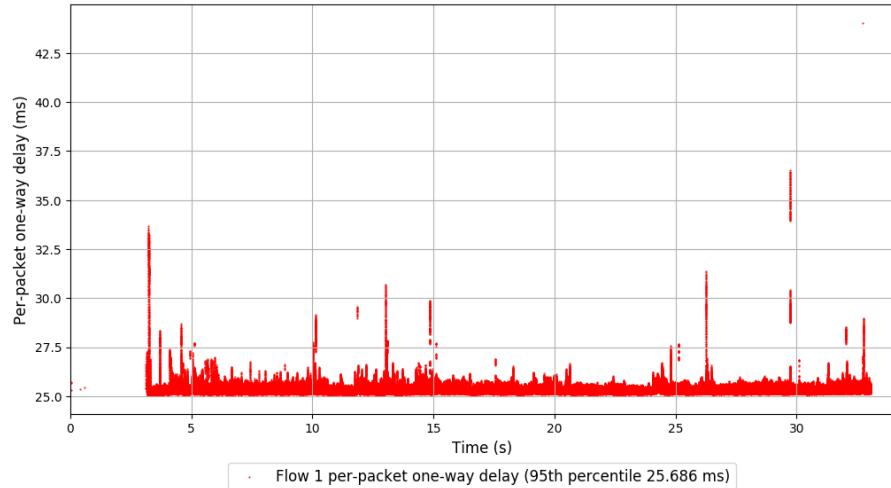
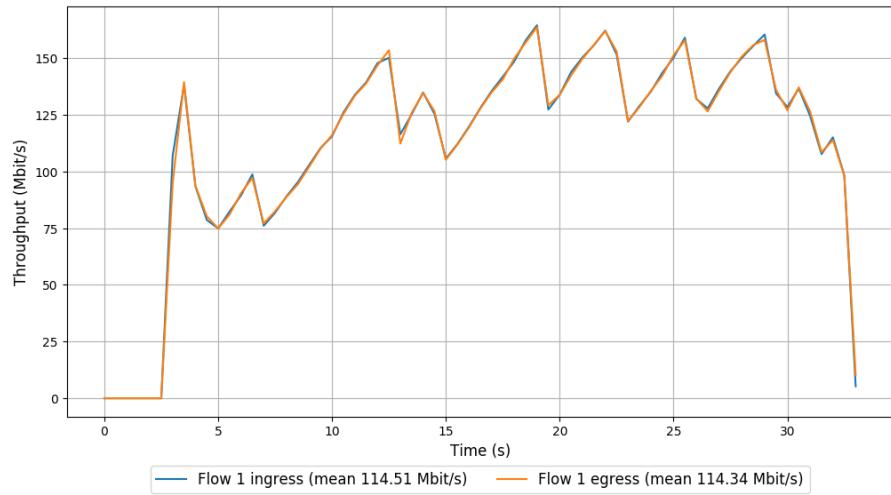


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 20:15:13 +0000
End at: Fri, 23 Jun 2017 20:15:43 +0000
Local clock offset: 4.399 ms
Remote clock offset: -2.055 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 114.34 Mbit/s
95th percentile per-packet one-way delay: 25.686 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 114.34 Mbit/s
95th percentile per-packet one-way delay: 25.686 ms
Loss rate: 0.18%
```

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



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

```
Start at: Fri, 23 Jun 2017 20:35:19 +0000
```

```
End at: Fri, 23 Jun 2017 20:35:49 +0000
```

```
Local clock offset: 4.141 ms
```

```
Remote clock offset: -1.767 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:33 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 107.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.100 ms
```

```
Loss rate: 0.14%
```

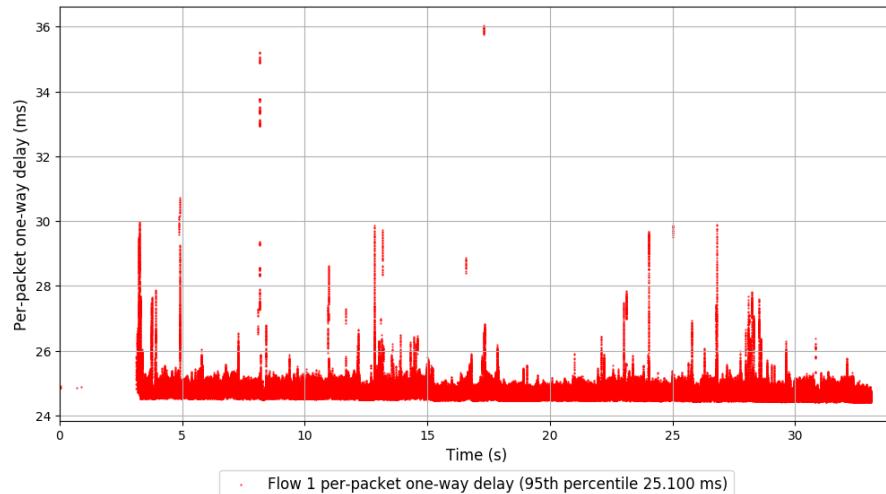
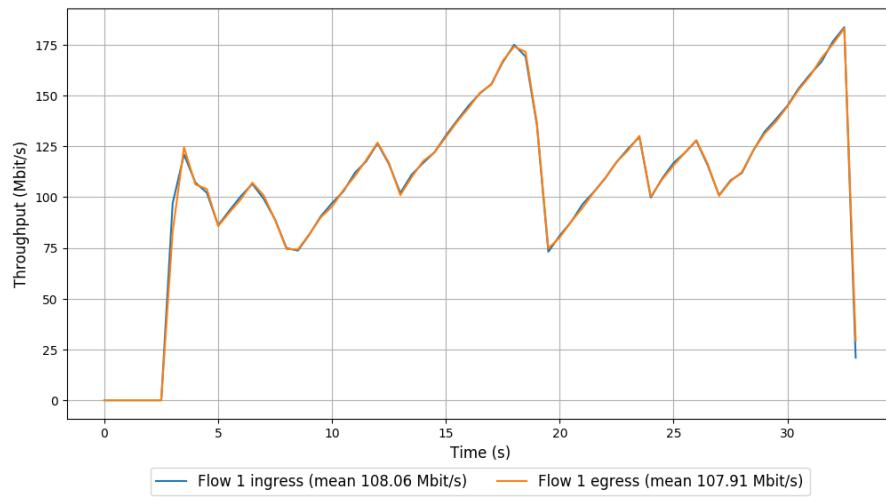
```
-- Flow 1:
```

```
Average throughput: 107.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.100 ms
```

```
Loss rate: 0.14%
```

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



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

```
Start at: Fri, 23 Jun 2017 17:32:24 +0000
```

```
End at: Fri, 23 Jun 2017 17:32:54 +0000
```

```
Local clock offset: 3.065 ms
```

```
Remote clock offset: -2.83 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:38 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 53.80 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.363 ms
```

```
Loss rate: 0.01%
```

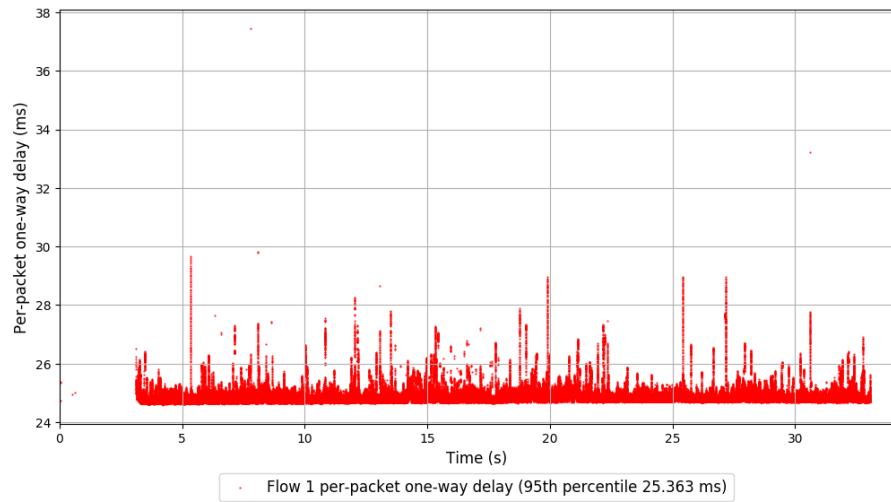
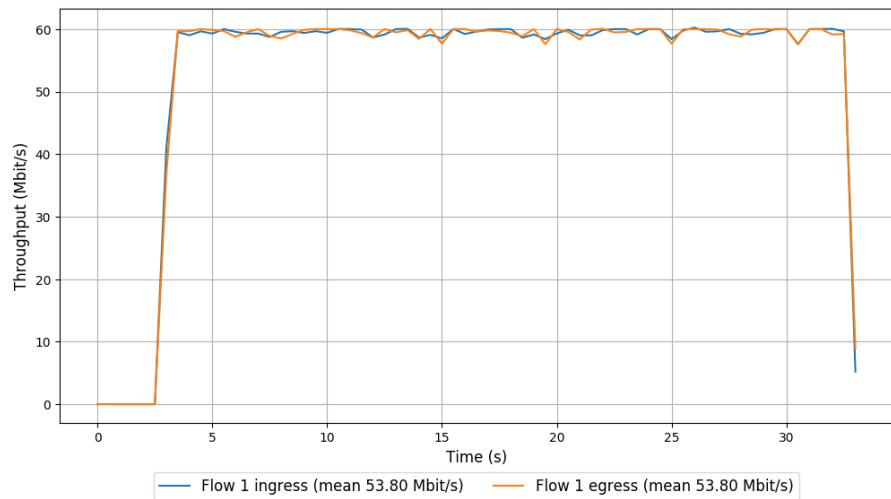
```
-- Flow 1:
```

```
Average throughput: 53.80 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.363 ms
```

```
Loss rate: 0.01%
```

## Run 1: Report of KohoCC — Data Link

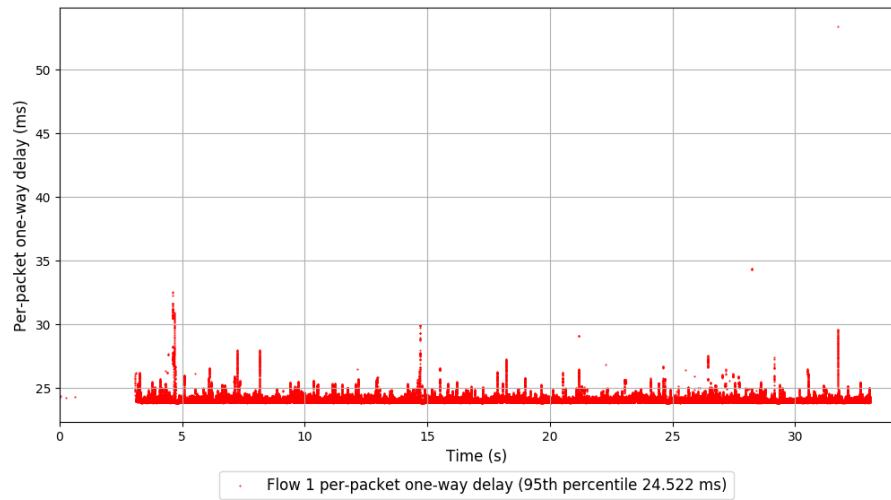
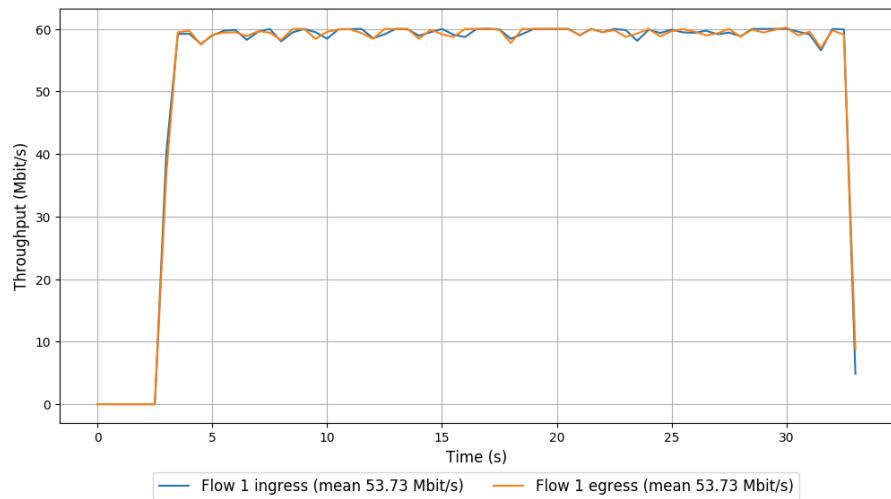


Run 2: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 17:52:10 +0000
End at: Fri, 23 Jun 2017 17:52:40 +0000
Local clock offset: 2.371 ms
Remote clock offset: -2.643 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 24.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 24.522 ms
Loss rate: 0.00%
```

## Run 2: Report of KohoCC — Data Link

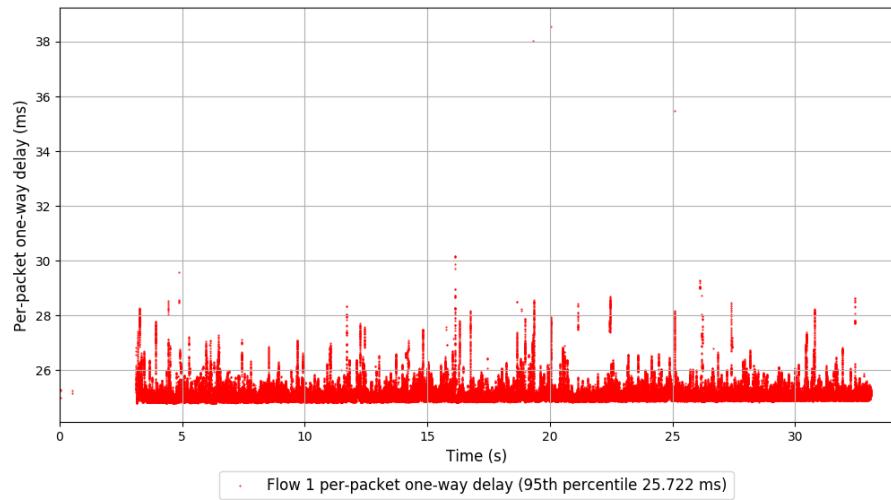
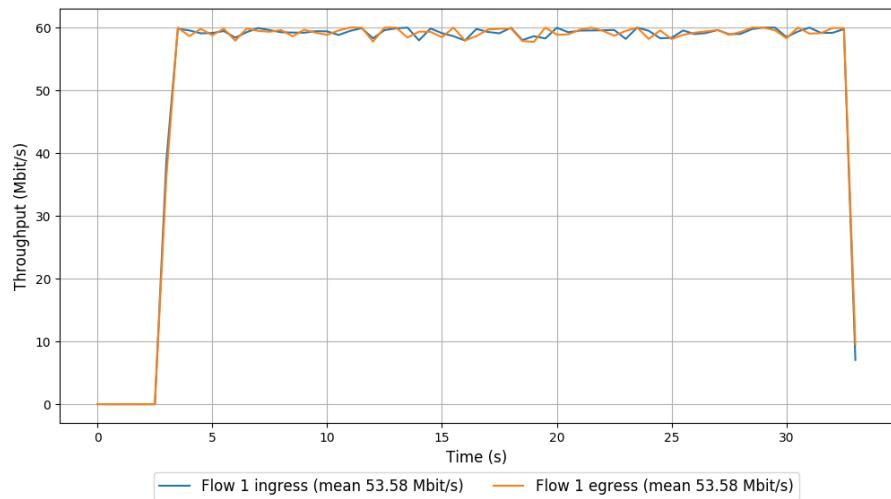


Run 3: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 18:11:58 +0000
End at: Fri, 23 Jun 2017 18:12:28 +0000
Local clock offset: 3.568 ms
Remote clock offset: -2.34 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 25.722 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 25.722 ms
Loss rate: 0.00%
```

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

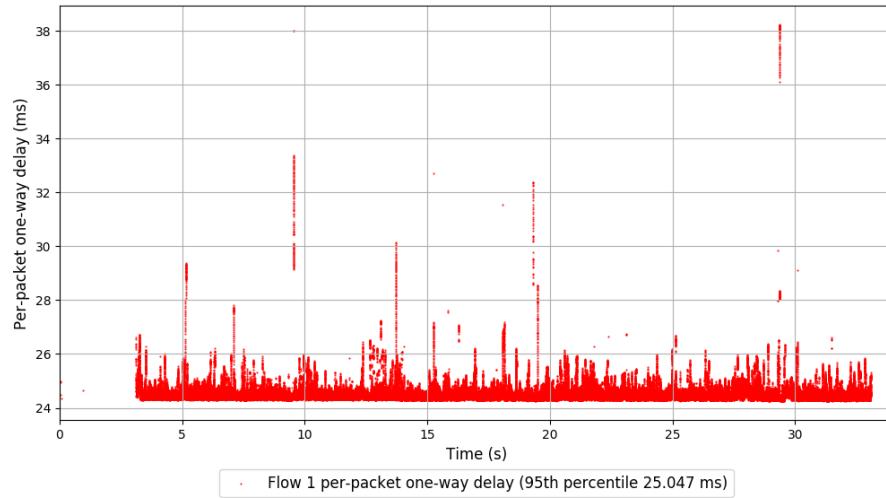
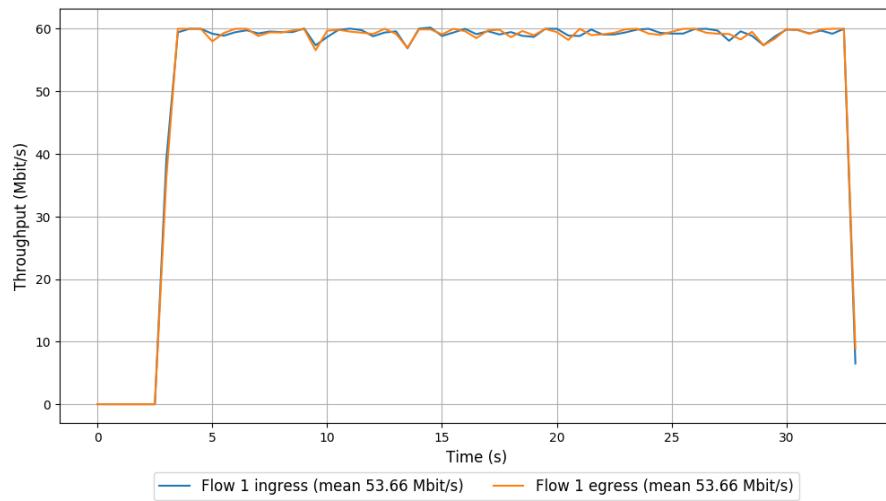


Run 4: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 18:31:55 +0000
End at: Fri, 23 Jun 2017 18:32:25 +0000
Local clock offset: 3.795 ms
Remote clock offset: -1.875 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 25.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 25.047 ms
Loss rate: 0.00%
```

## Run 4: Report of KohoCC — Data Link

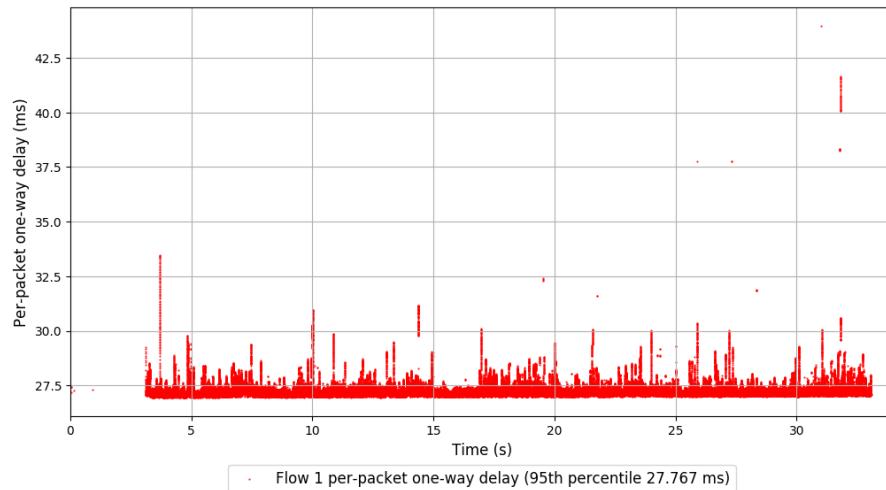
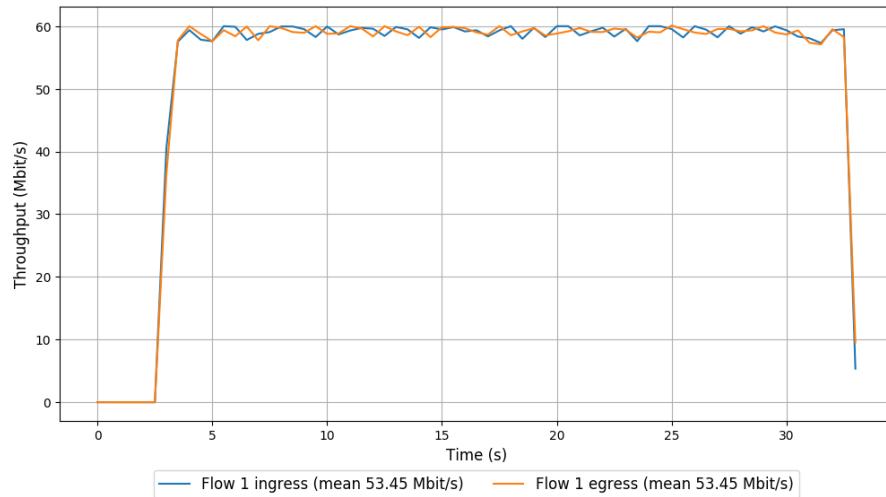


Run 5: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 18:51:33 +0000
End at: Fri, 23 Jun 2017 18:52:03 +0000
Local clock offset: 6.236 ms
Remote clock offset: -1.965 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:02:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.45 Mbit/s
95th percentile per-packet one-way delay: 27.767 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 53.45 Mbit/s
95th percentile per-packet one-way delay: 27.767 ms
Loss rate: 0.03%
```

## Run 5: Report of KohoCC — Data Link

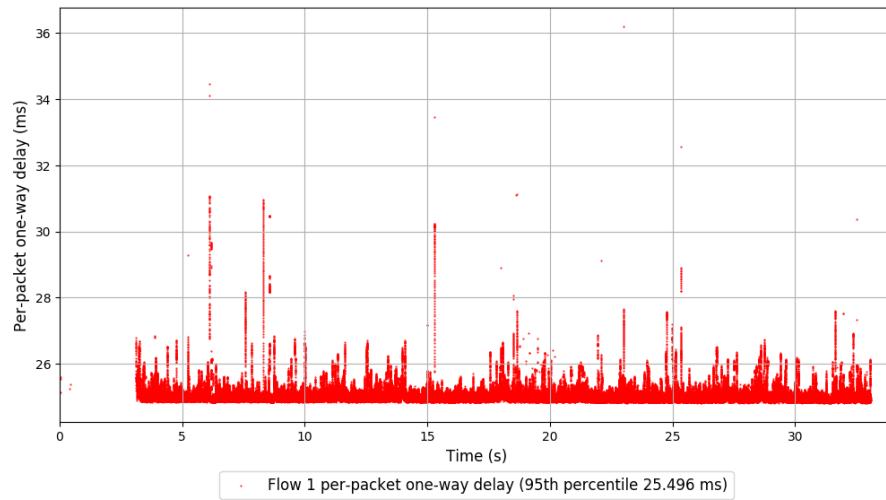
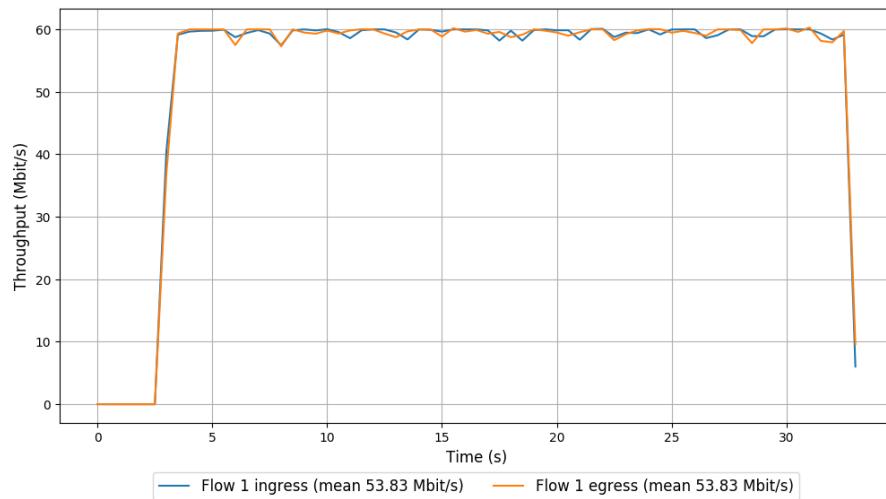


Run 6: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 19:11:18 +0000
End at: Fri, 23 Jun 2017 19:11:48 +0000
Local clock offset: 4.327 ms
Remote clock offset: -1.854 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.83 Mbit/s
95th percentile per-packet one-way delay: 25.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.83 Mbit/s
95th percentile per-packet one-way delay: 25.496 ms
Loss rate: 0.00%
```

## Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 19:31:00 +0000

End at: Fri, 23 Jun 2017 19:31:30 +0000

Local clock offset: 2.101 ms

Remote clock offset: -1.762 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.44 Mbit/s

95th percentile per-packet one-way delay: 23.225 ms

Loss rate: 0.00%

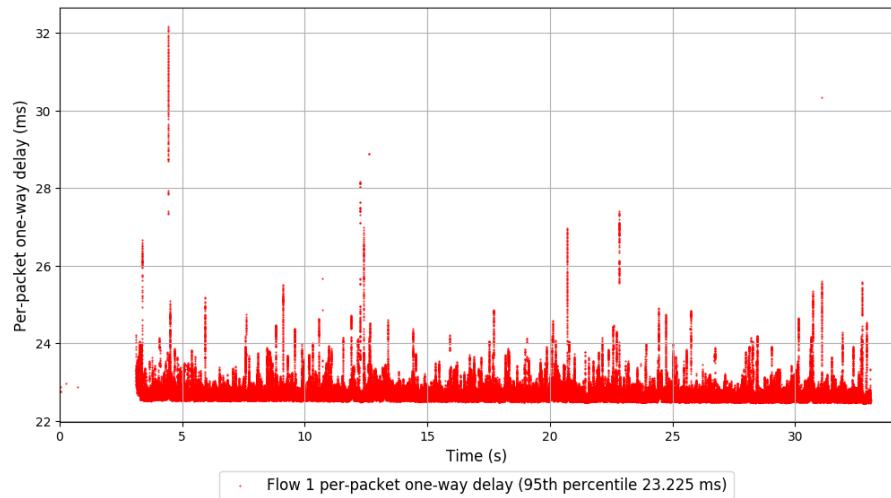
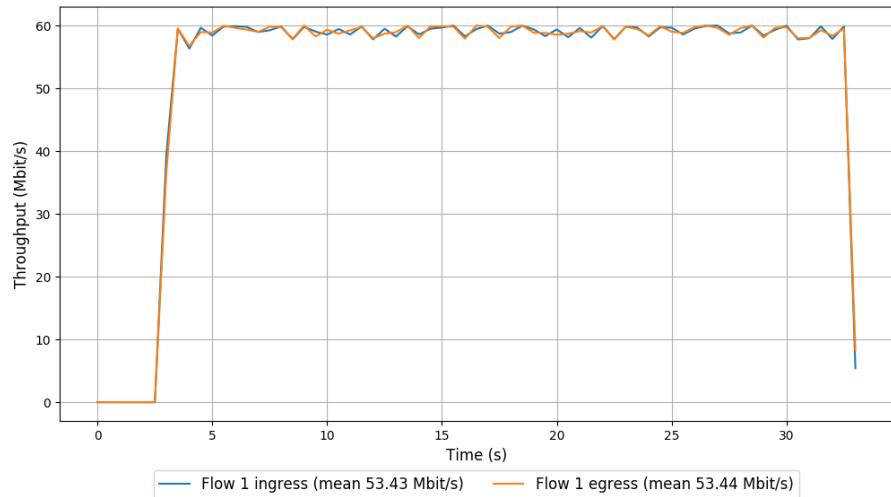
-- Flow 1:

Average throughput: 53.44 Mbit/s

95th percentile per-packet one-way delay: 23.225 ms

Loss rate: 0.00%

## Run 7: Report of KohoCC — Data Link

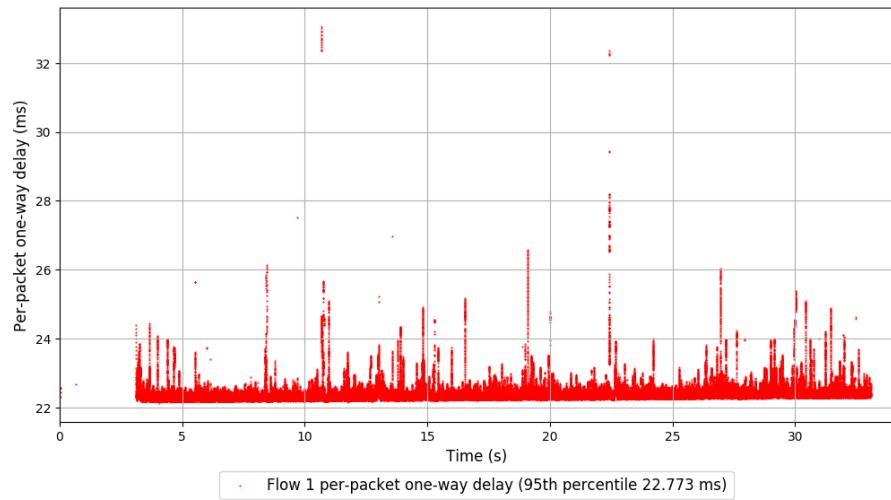
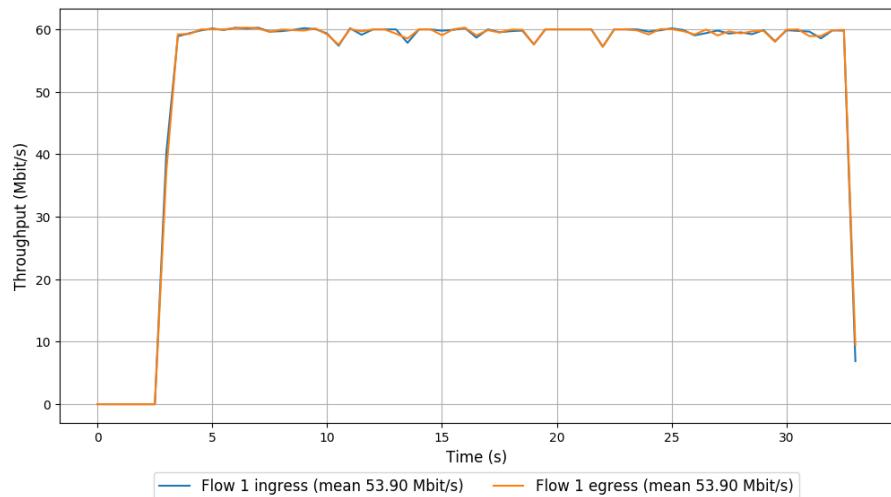


Run 8: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 19:51:10 +0000
End at: Fri, 23 Jun 2017 19:51:40 +0000
Local clock offset: 1.585 ms
Remote clock offset: -1.761 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.90 Mbit/s
95th percentile per-packet one-way delay: 22.773 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.90 Mbit/s
95th percentile per-packet one-way delay: 22.773 ms
Loss rate: 0.00%
```

## Run 8: Report of KohoCC — Data Link

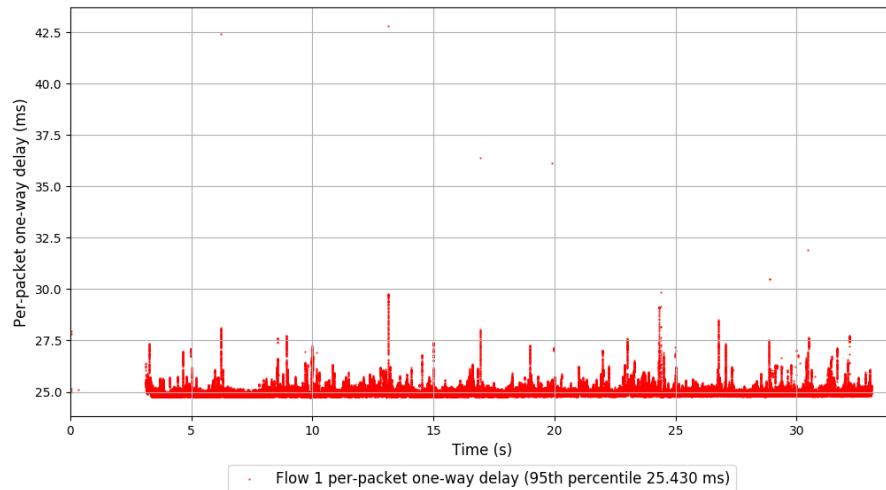
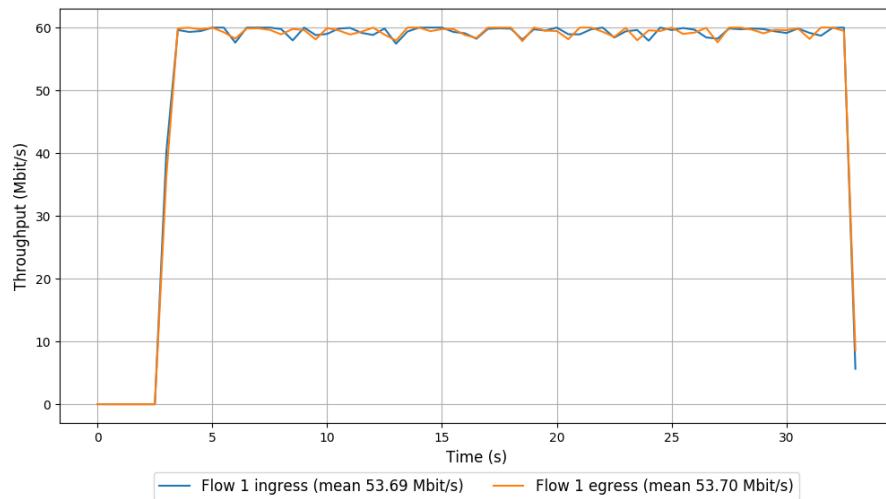


Run 9: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 20:11:08 +0000
End at: Fri, 23 Jun 2017 20:11:38 +0000
Local clock offset: 4.007 ms
Remote clock offset: -1.977 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: 25.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: 25.430 ms
Loss rate: 0.00%
```

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

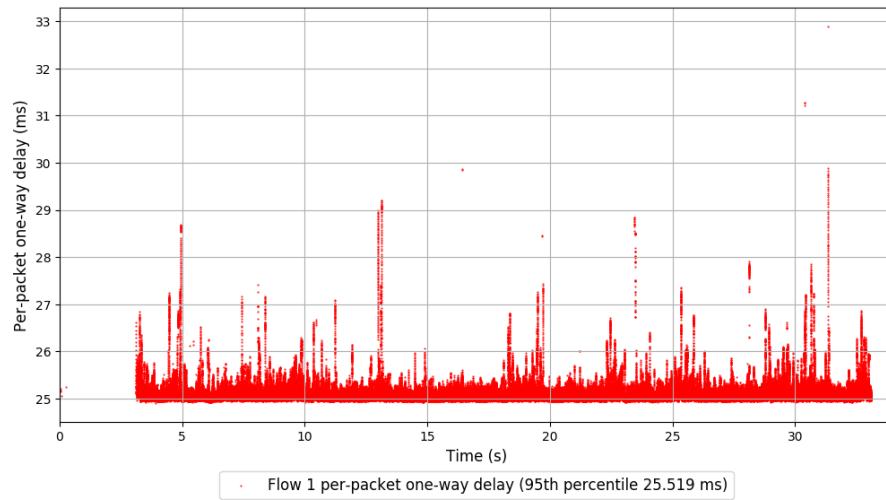
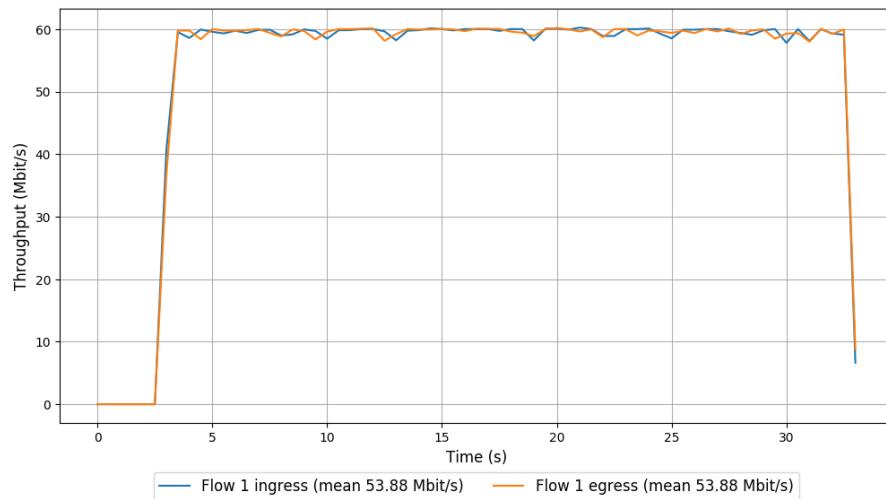


Run 10: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 20:31:09 +0000
End at: Fri, 23 Jun 2017 20:31:39 +0000
Local clock offset: 4.374 ms
Remote clock offset: -1.822 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 25.519 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 25.519 ms
Loss rate: 0.01%
```

## Run 10: Report of KohoCC — Data Link



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

```
Start at: Fri, 23 Jun 2017 17:20:18 +0000
```

```
End at: Fri, 23 Jun 2017 17:20:48 +0000
```

```
Local clock offset: 2.528 ms
```

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

```
# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:26 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 103.78 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.558 ms
```

```
Loss rate: 0.18%
```

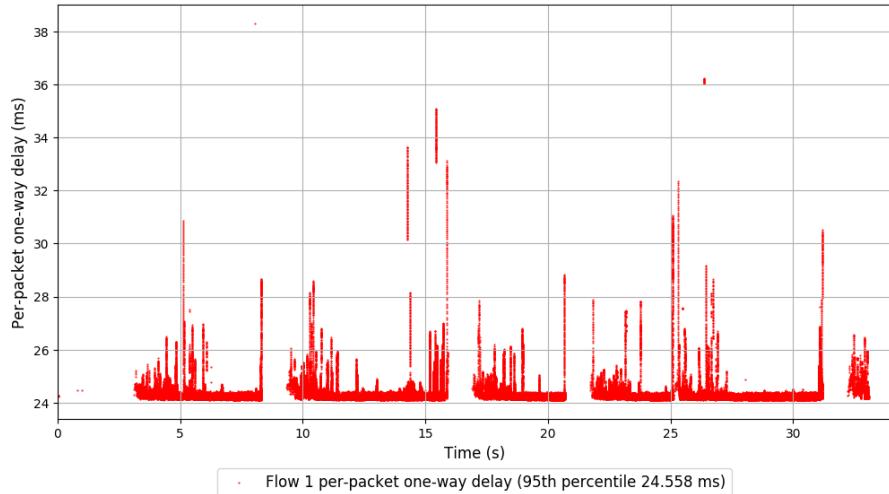
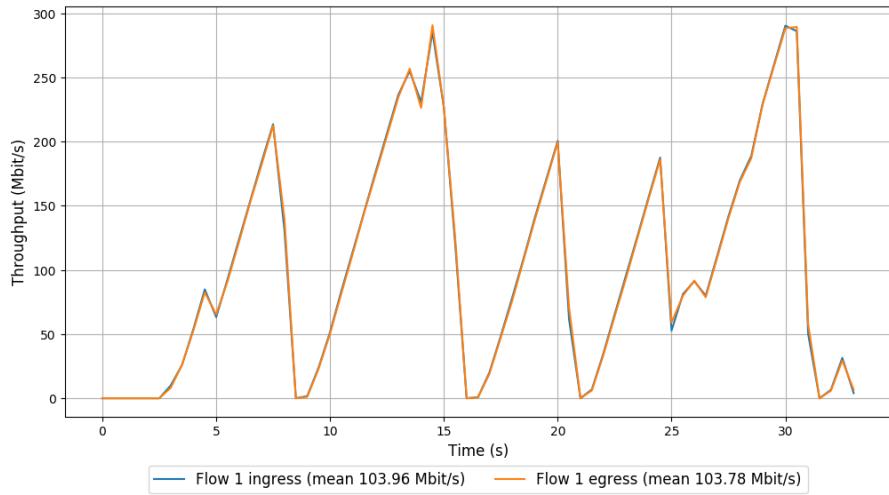
```
-- Flow 1:
```

```
Average throughput: 103.78 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.558 ms
```

```
Loss rate: 0.18%
```

## Run 1: Report of LEDBAT — Data Link

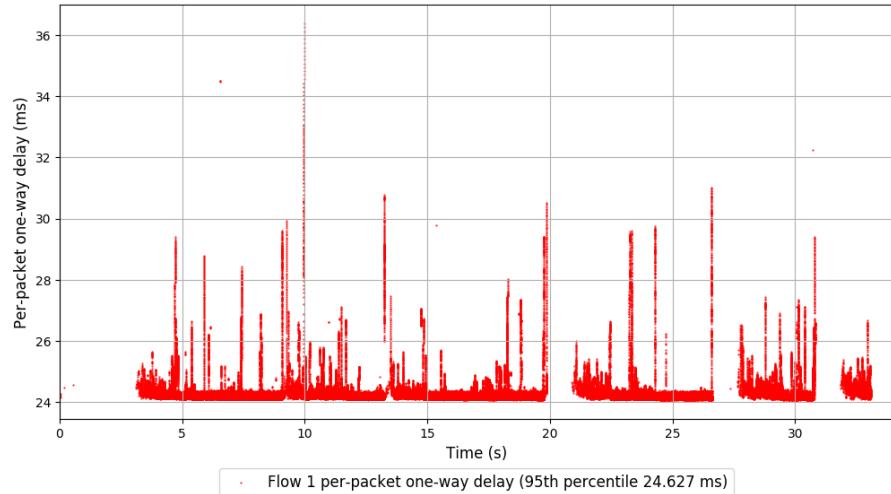
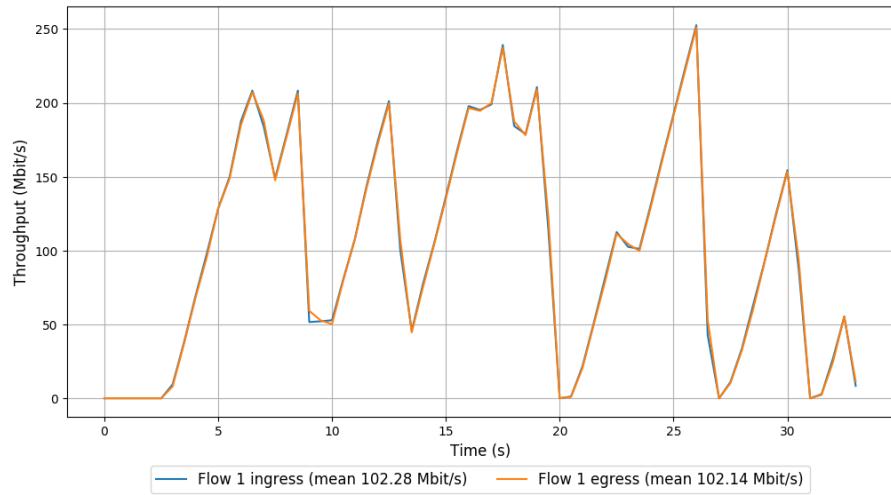


Run 2: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 17:40:04 +0000
End at: Fri, 23 Jun 2017 17:40:34 +0000
Local clock offset: 2.576 ms
Remote clock offset: -2.773 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 102.14 Mbit/s
95th percentile per-packet one-way delay: 24.627 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 102.14 Mbit/s
95th percentile per-packet one-way delay: 24.627 ms
Loss rate: 0.13%
```

## Run 2: Report of LEDBAT — Data Link

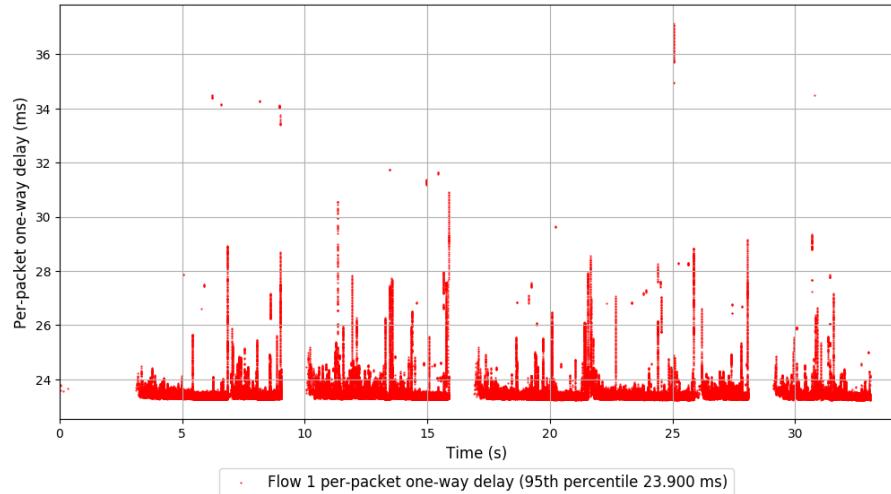
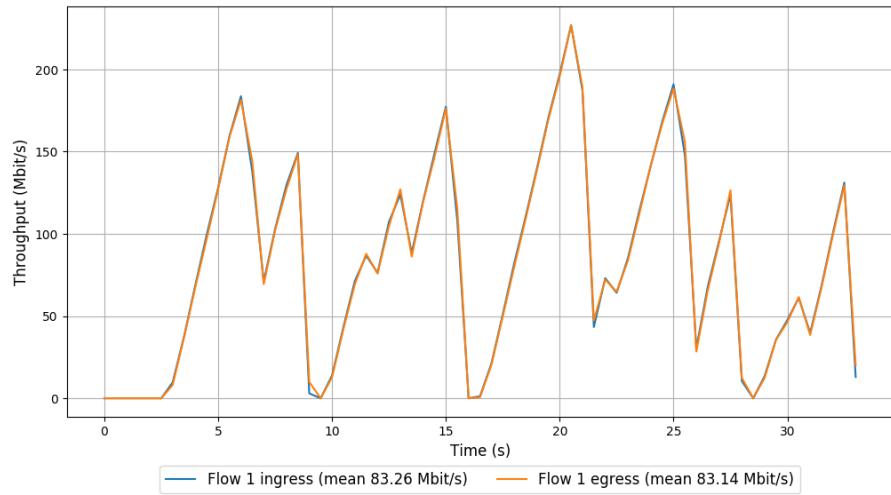


Run 3: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 17:59:53 +0000
End at: Fri, 23 Jun 2017 18:00:23 +0000
Local clock offset: 2.006 ms
Remote clock offset: -2.596 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 23.900 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 23.900 ms
Loss rate: 0.15%
```

Run 3: Report of LEDBAT — Data Link

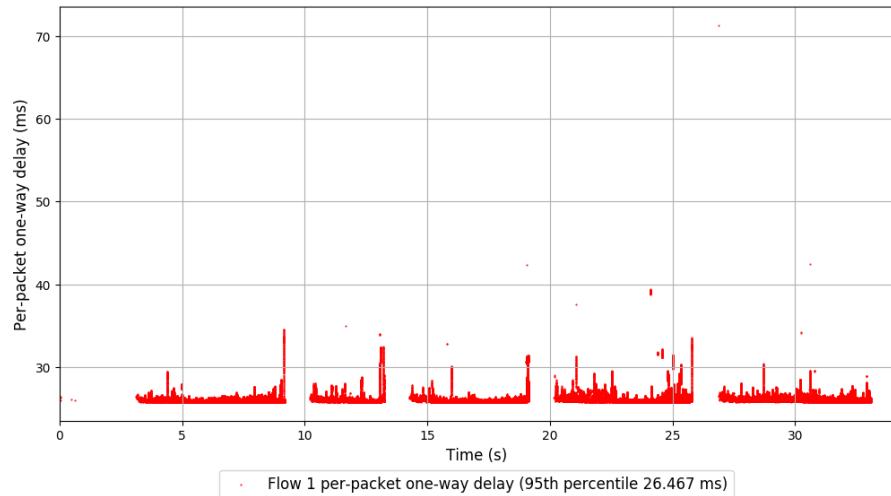
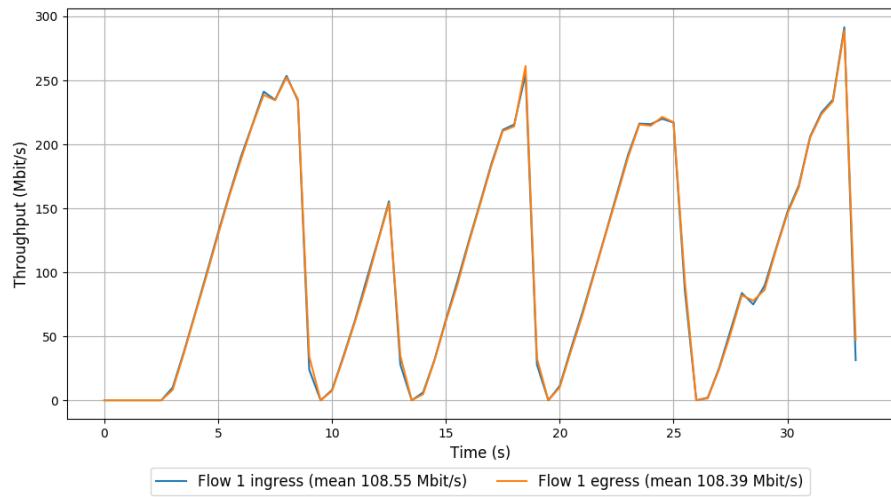


Run 4: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 18:19:44 +0000
End at: Fri, 23 Jun 2017 18:20:14 +0000
Local clock offset: 4.799 ms
Remote clock offset: -2.12 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.39 Mbit/s
95th percentile per-packet one-way delay: 26.467 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 108.39 Mbit/s
95th percentile per-packet one-way delay: 26.467 ms
Loss rate: 0.15%
```

## Run 4: Report of LEDBAT — Data Link

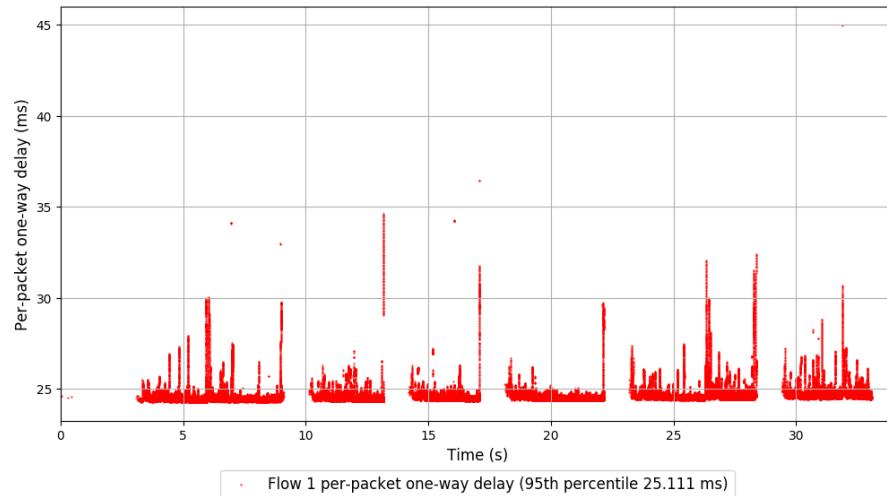
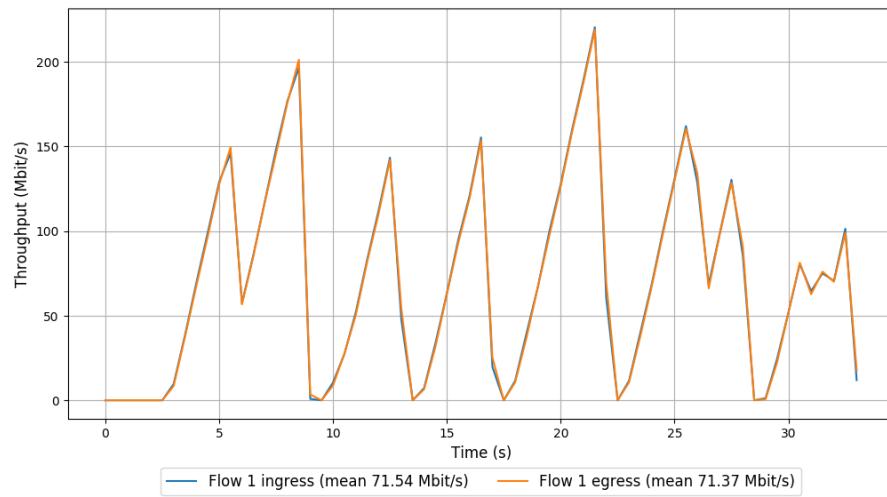


Run 5: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 18:39:36 +0000
End at: Fri, 23 Jun 2017 18:40:06 +0000
Local clock offset: 3.338 ms
Remote clock offset: -2.012 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:03:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.37 Mbit/s
95th percentile per-packet one-way delay: 25.111 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 71.37 Mbit/s
95th percentile per-packet one-way delay: 25.111 ms
Loss rate: 0.23%
```

Run 5: Report of LEDBAT — Data Link

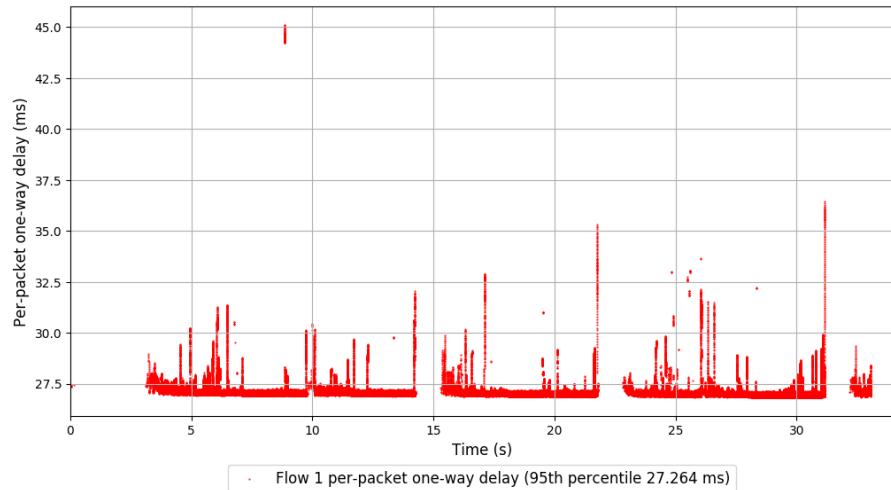
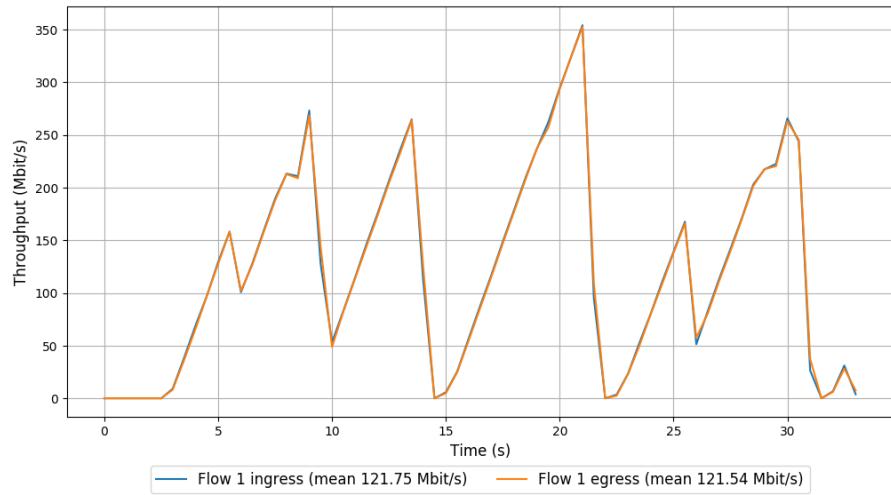


Run 6: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 18:59:13 +0000
End at: Fri, 23 Jun 2017 18:59:43 +0000
Local clock offset: 6.433 ms
Remote clock offset: -1.87 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:04:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 121.54 Mbit/s
95th percentile per-packet one-way delay: 27.264 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 121.54 Mbit/s
95th percentile per-packet one-way delay: 27.264 ms
Loss rate: 0.17%
```

Run 6: Report of LEDBAT — Data Link

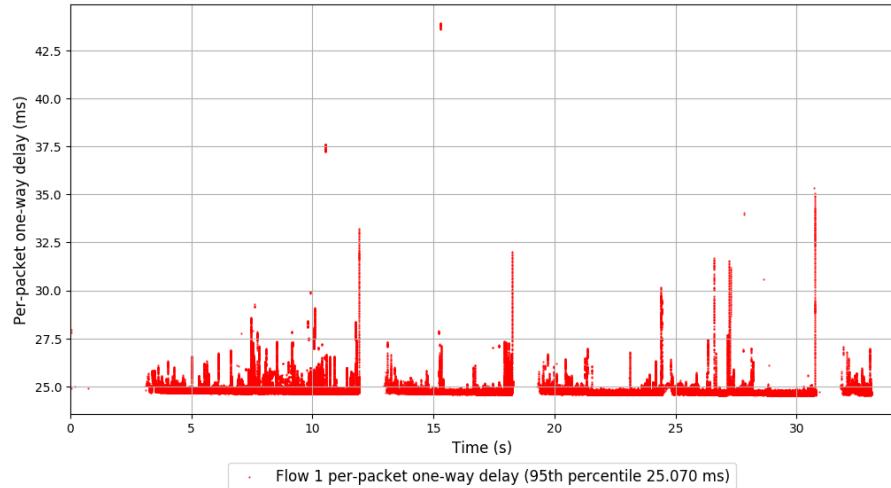
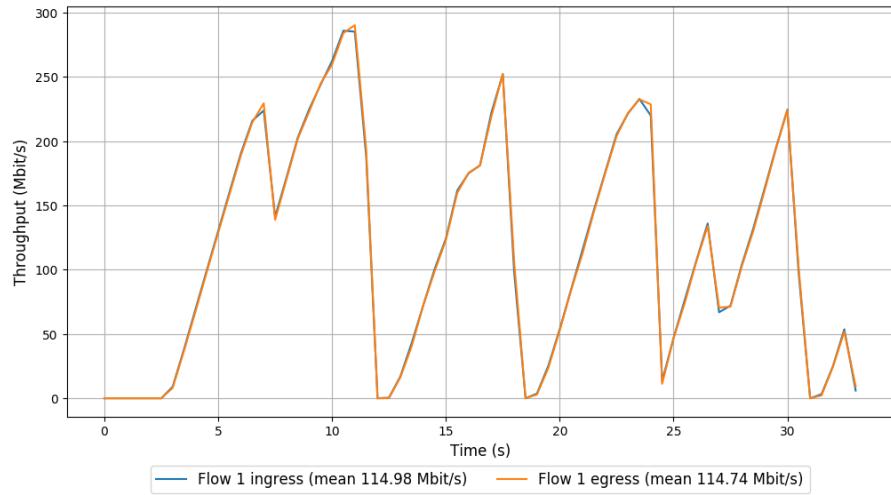


Run 7: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 19:18:56 +0000
End at: Fri, 23 Jun 2017 19:19:26 +0000
Local clock offset: 4.174 ms
Remote clock offset: -1.955 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:04:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 114.74 Mbit/s
95th percentile per-packet one-way delay: 25.070 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 114.74 Mbit/s
95th percentile per-packet one-way delay: 25.070 ms
Loss rate: 0.22%
```

## Run 7: Report of LEDBAT — Data Link

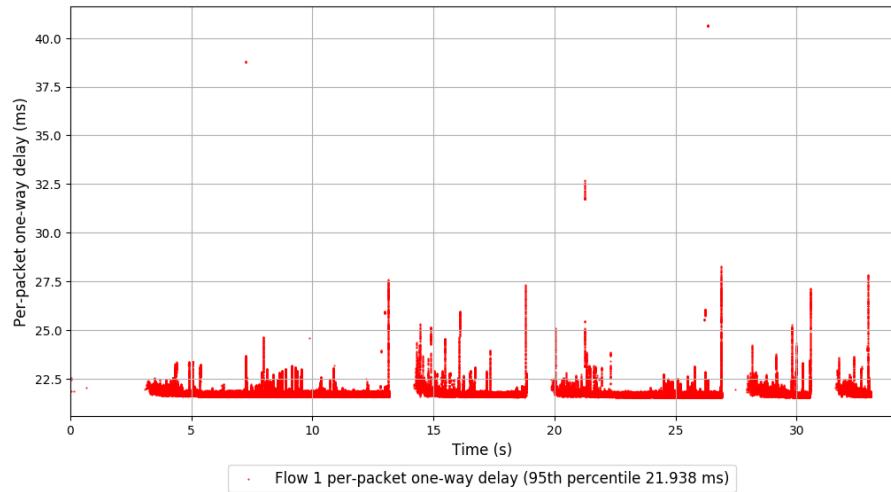
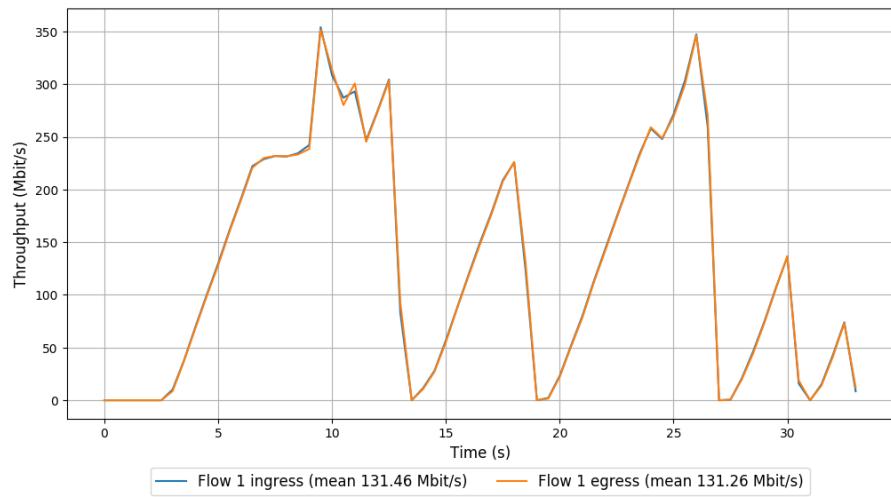


Run 8: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 19:38:50 +0000
End at: Fri, 23 Jun 2017 19:39:20 +0000
Local clock offset: 1.406 ms
Remote clock offset: -1.52 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:04:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 131.26 Mbit/s
95th percentile per-packet one-way delay: 21.938 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 131.26 Mbit/s
95th percentile per-packet one-way delay: 21.938 ms
Loss rate: 0.15%
```

## Run 8: Report of LEDBAT — Data Link

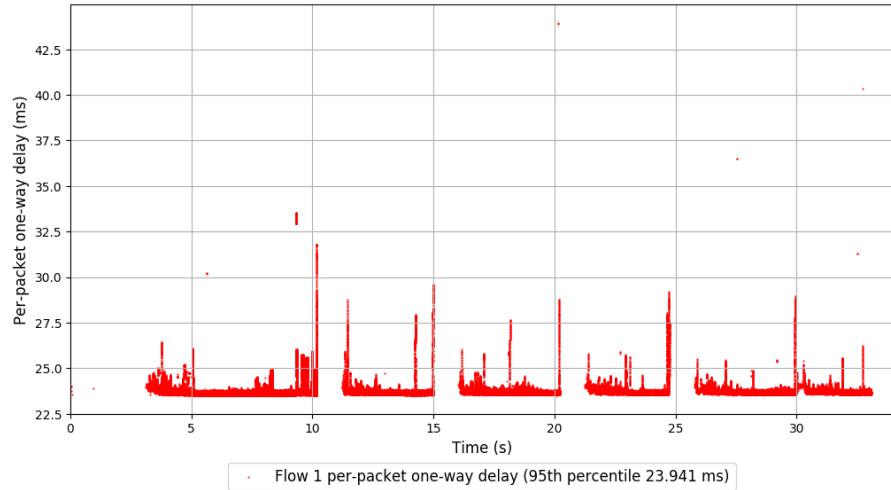
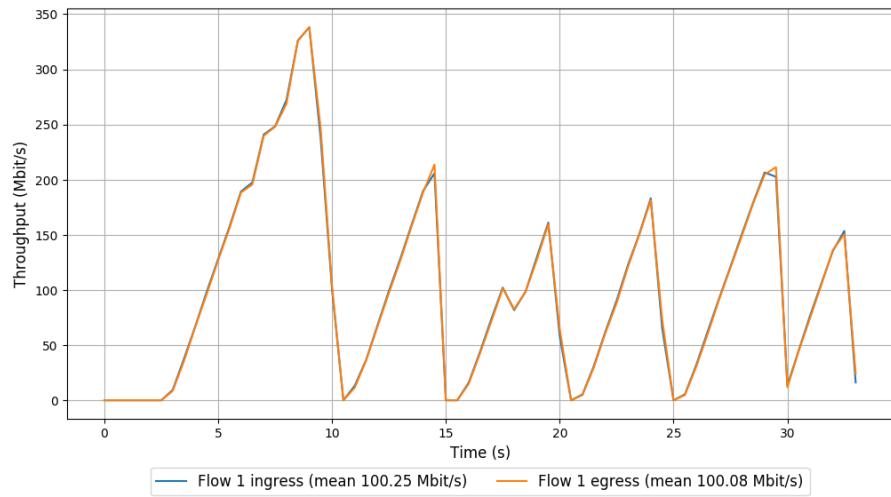


Run 9: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 19:59:01 +0000
End at: Fri, 23 Jun 2017 19:59:31 +0000
Local clock offset: 2.947 ms
Remote clock offset: -1.775 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:04:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 100.08 Mbit/s
95th percentile per-packet one-way delay: 23.941 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 100.08 Mbit/s
95th percentile per-packet one-way delay: 23.941 ms
Loss rate: 0.17%
```

## Run 9: Report of LEDBAT — Data Link

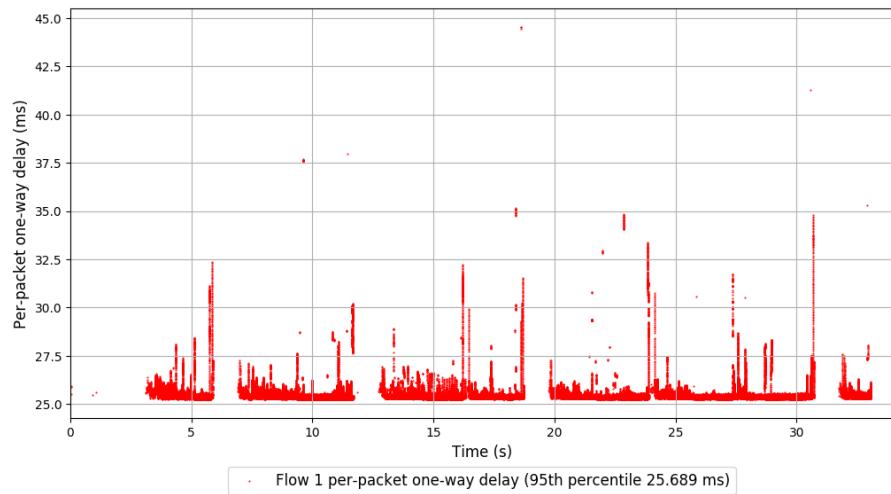
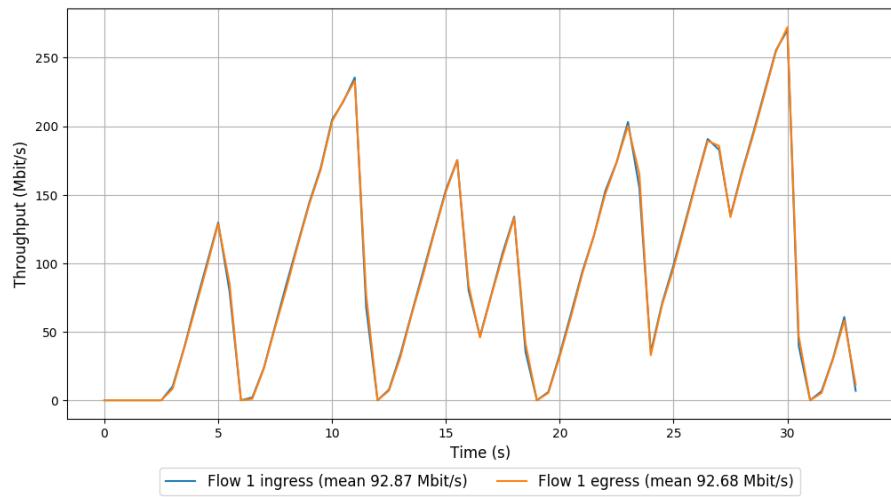


Run 10: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 20:18:50 +0000
End at: Fri, 23 Jun 2017 20:19:20 +0000
Local clock offset: 4.469 ms
Remote clock offset: -2.004 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:04:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 25.689 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 25.689 ms
Loss rate: 0.20%
```

## Run 10: Report of LEDBAT — Data Link

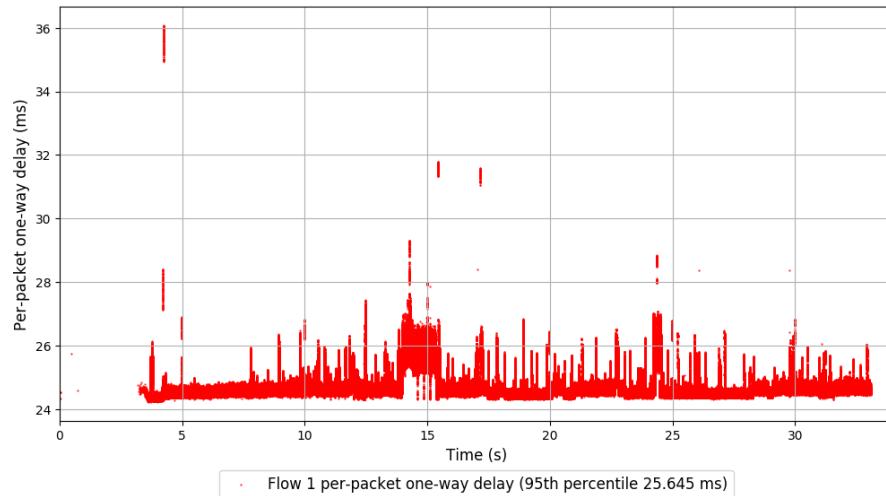
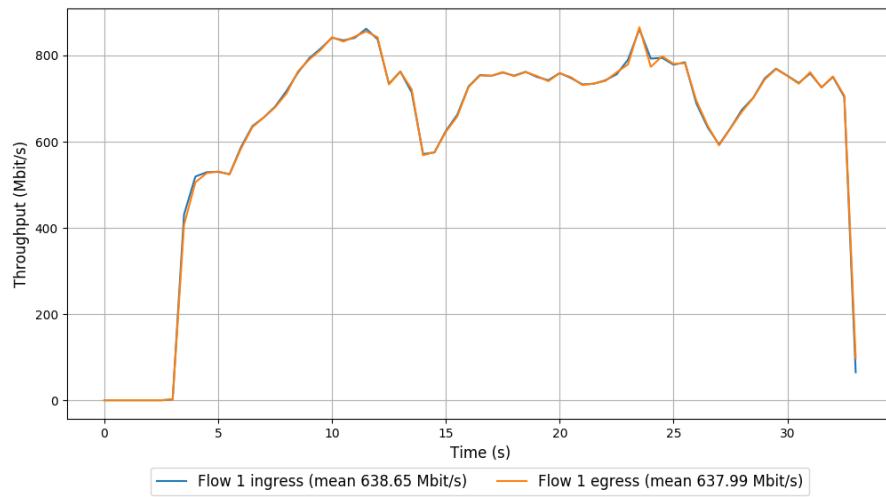


Run 1: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 17:30:50 +0000
End at: Fri, 23 Jun 2017 17:31:20 +0000
Local clock offset: 2.678 ms
Remote clock offset: -2.742 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:06:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 637.99 Mbit/s
95th percentile per-packet one-way delay: 25.645 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 637.99 Mbit/s
95th percentile per-packet one-way delay: 25.645 ms
Loss rate: 0.10%
```

### Run 1: Report of PCC — Data Link

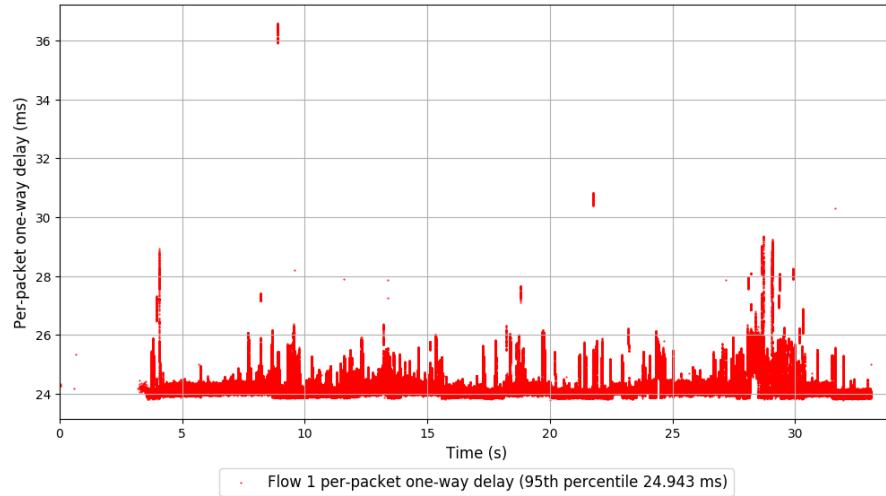
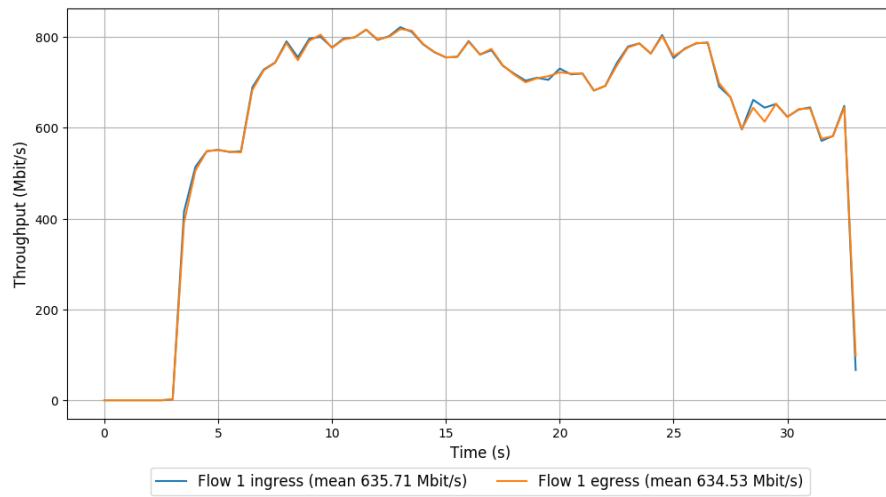


Run 2: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 17:50:36 +0000
End at: Fri, 23 Jun 2017 17:51:06 +0000
Local clock offset: 2.346 ms
Remote clock offset: -2.734 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:06:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 634.53 Mbit/s
95th percentile per-packet one-way delay: 24.943 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 634.53 Mbit/s
95th percentile per-packet one-way delay: 24.943 ms
Loss rate: 0.18%
```

## Run 2: Report of PCC — Data Link

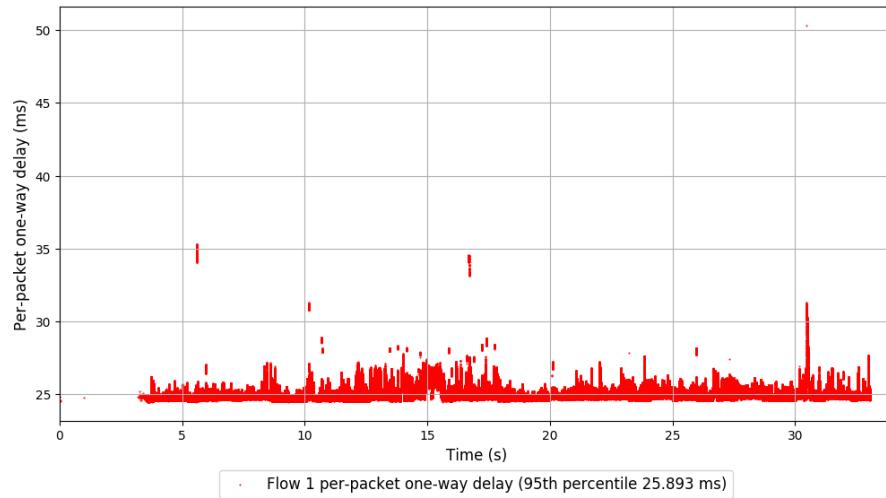
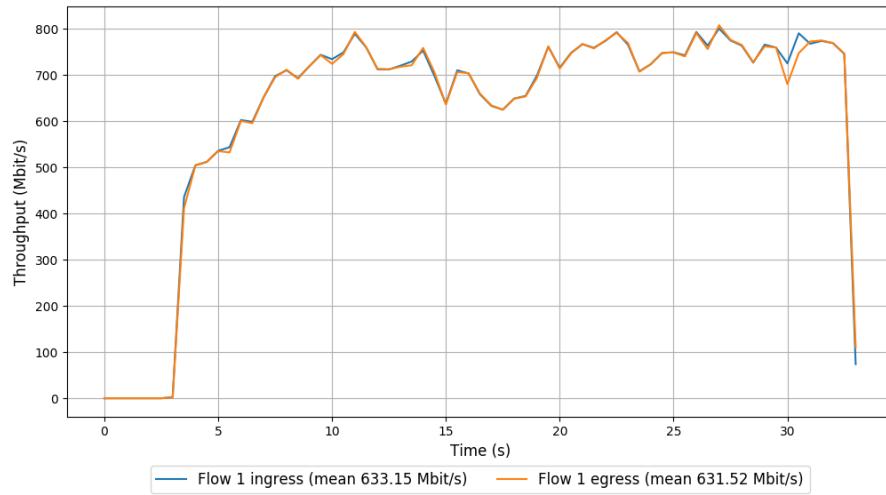


Run 3: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 18:10:24 +0000
End at: Fri, 23 Jun 2017 18:10:54 +0000
Local clock offset: 3.191 ms
Remote clock offset: -2.46 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:07:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 631.52 Mbit/s
95th percentile per-packet one-way delay: 25.893 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 631.52 Mbit/s
95th percentile per-packet one-way delay: 25.893 ms
Loss rate: 0.26%
```

### Run 3: Report of PCC — Data Link

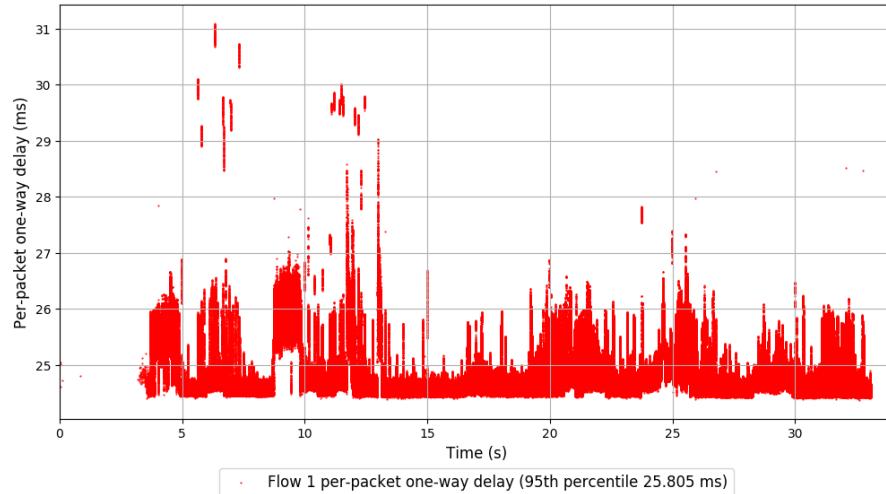
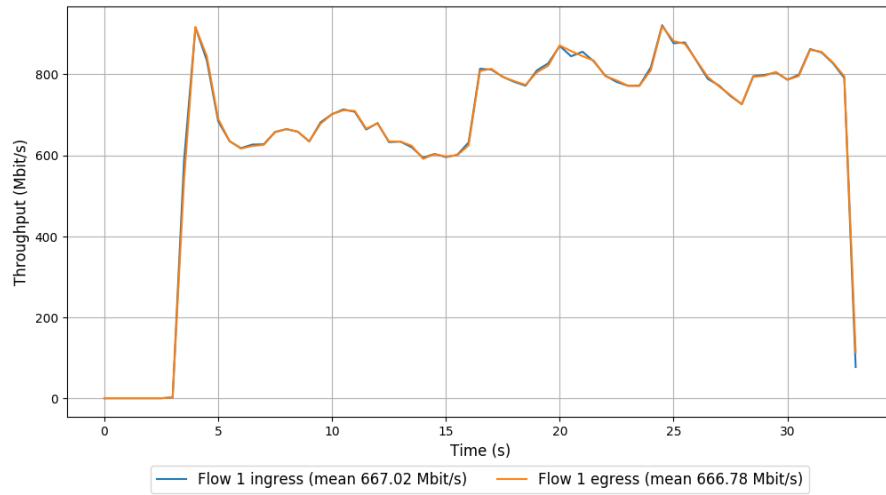


Run 4: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 18:30:20 +0000
End at: Fri, 23 Jun 2017 18:30:50 +0000
Local clock offset: 3.815 ms
Remote clock offset: -1.894 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:07:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 666.78 Mbit/s
95th percentile per-packet one-way delay: 25.805 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 666.78 Mbit/s
95th percentile per-packet one-way delay: 25.805 ms
Loss rate: 0.04%
```

#### Run 4: Report of PCC — Data Link

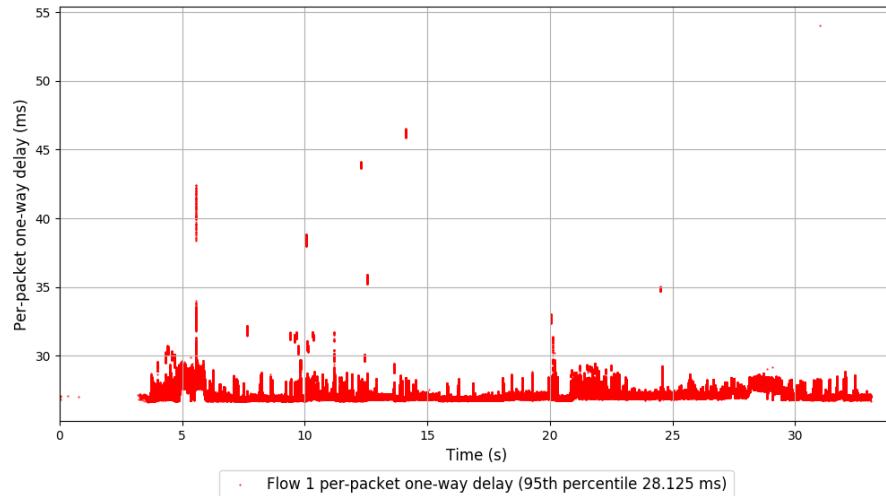
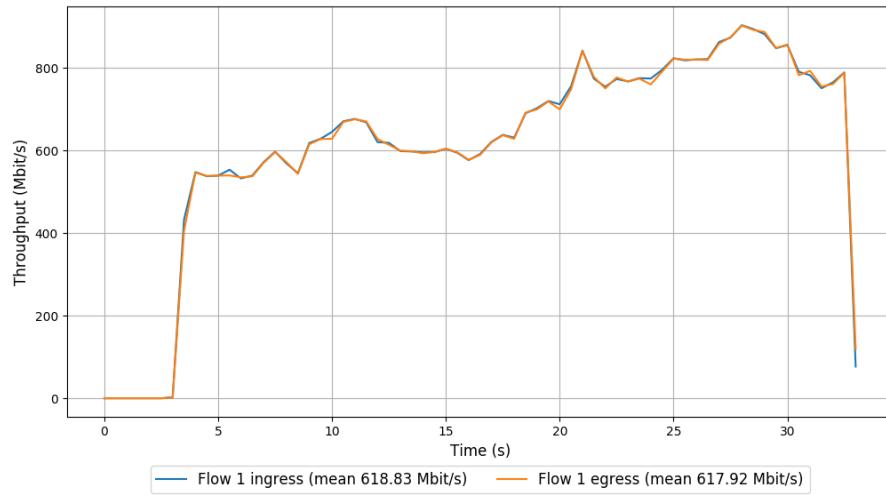


Run 5: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 18:49:59 +0000
End at: Fri, 23 Jun 2017 18:50:29 +0000
Local clock offset: 6.036 ms
Remote clock offset: -1.991 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:09:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 617.92 Mbit/s
95th percentile per-packet one-way delay: 28.125 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 617.92 Mbit/s
95th percentile per-packet one-way delay: 28.125 ms
Loss rate: 0.15%
```

### Run 5: Report of PCC — Data Link

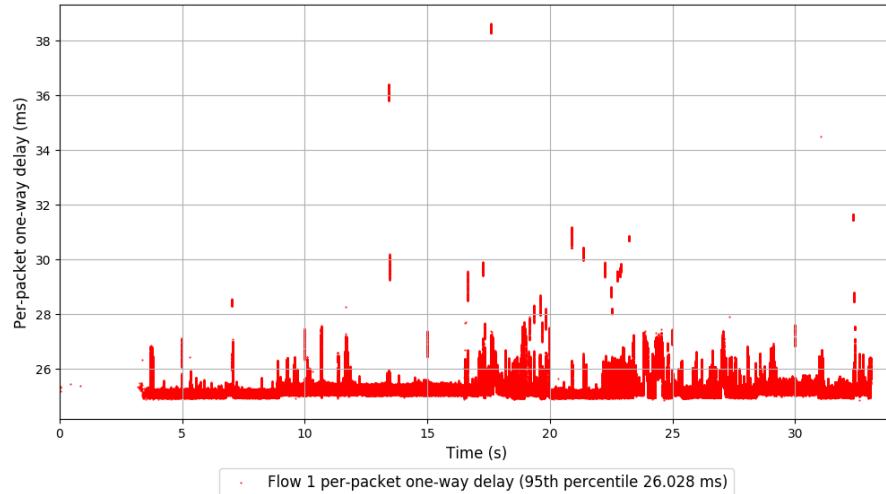
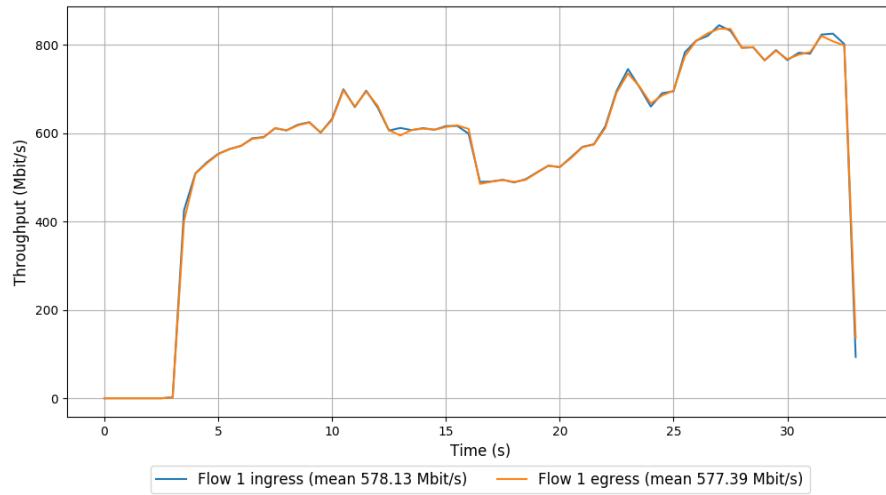


Run 6: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 19:09:46 +0000
End at: Fri, 23 Jun 2017 19:10:16 +0000
Local clock offset: 4.558 ms
Remote clock offset: -1.843 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:09:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 577.39 Mbit/s
95th percentile per-packet one-way delay: 26.028 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 577.39 Mbit/s
95th percentile per-packet one-way delay: 26.028 ms
Loss rate: 0.13%
```

## Run 6: Report of PCC — Data Link

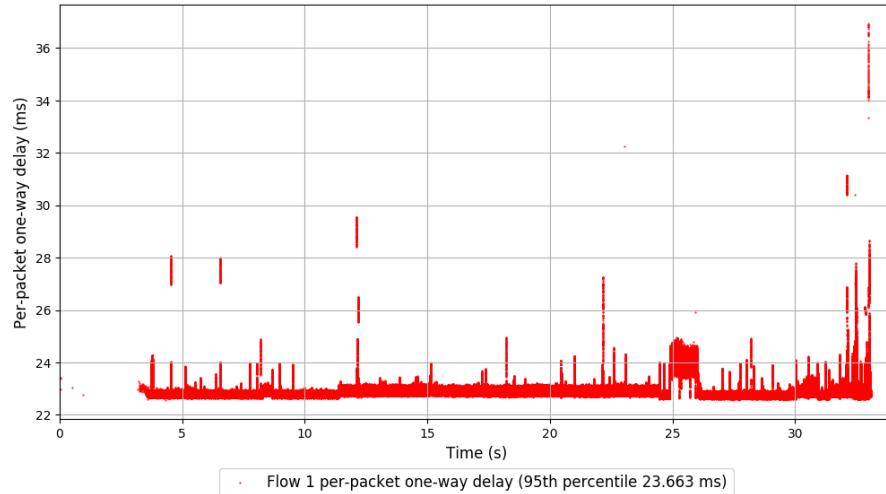
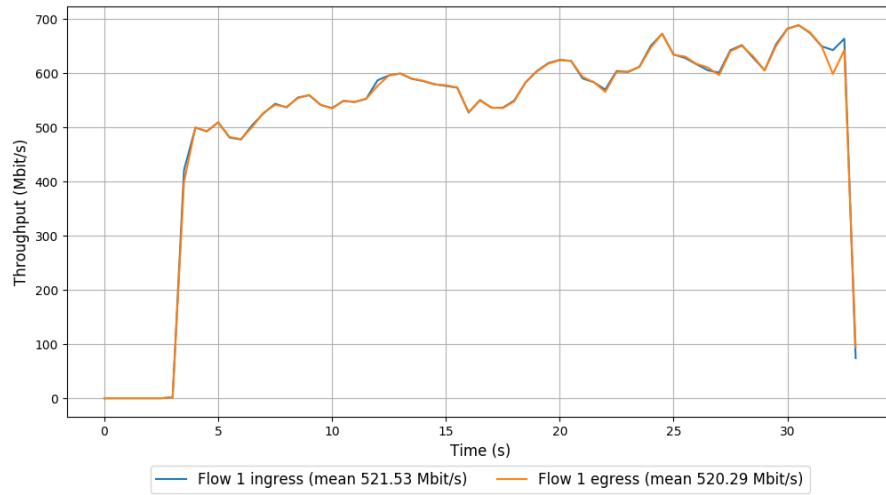


Run 7: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 19:29:30 +0000
End at: Fri, 23 Jun 2017 19:30:00 +0000
Local clock offset: 2.242 ms
Remote clock offset: -1.793 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:10:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 520.29 Mbit/s
95th percentile per-packet one-way delay: 23.663 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 520.29 Mbit/s
95th percentile per-packet one-way delay: 23.663 ms
Loss rate: 0.26%
```

### Run 7: Report of PCC — Data Link

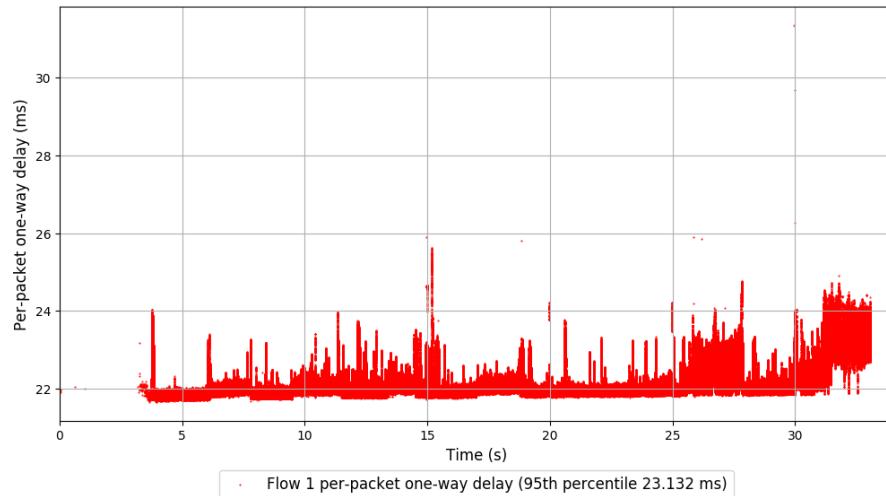
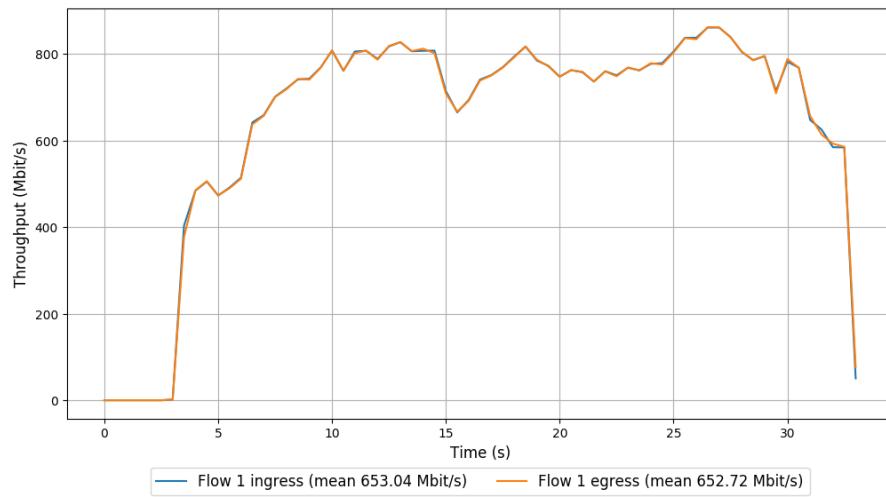


Run 8: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 19:49:33 +0000
End at: Fri, 23 Jun 2017 19:50:03 +0000
Local clock offset: 1.262 ms
Remote clock offset: -1.73 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:10:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 652.72 Mbit/s
95th percentile per-packet one-way delay: 23.132 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 652.72 Mbit/s
95th percentile per-packet one-way delay: 23.132 ms
Loss rate: 0.07%
```

### Run 8: Report of PCC — Data Link

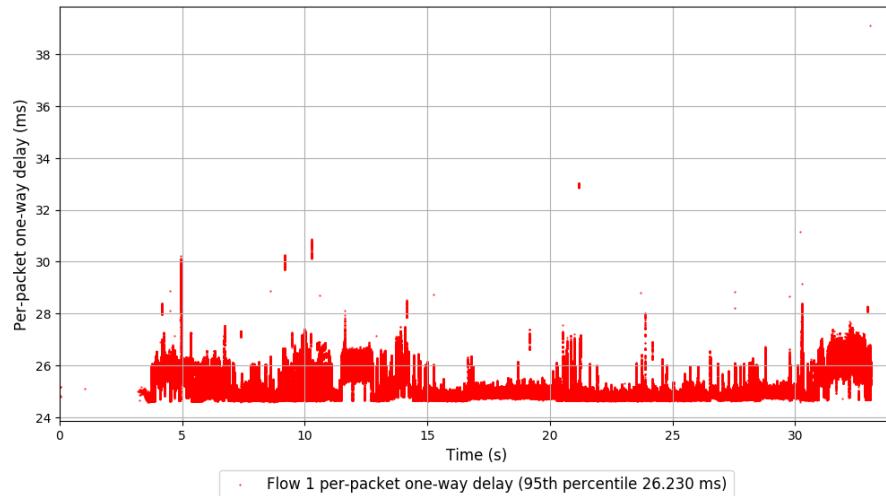
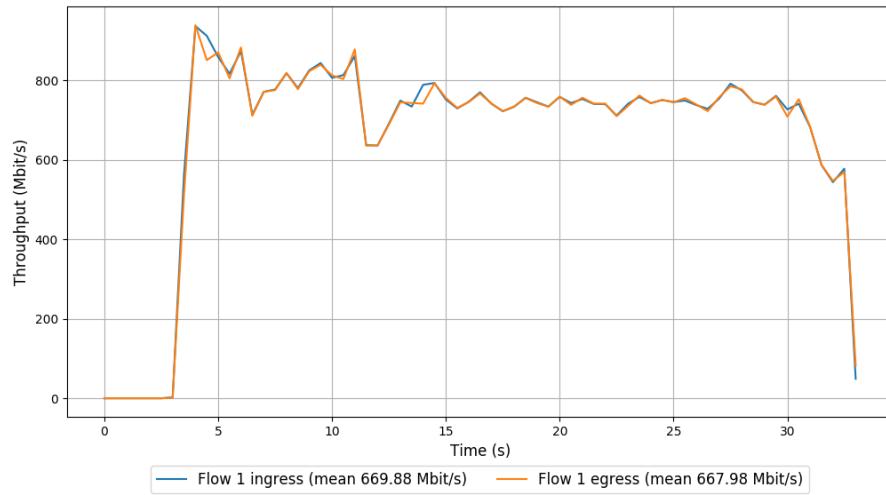


Run 9: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 20:09:32 +0000
End at: Fri, 23 Jun 2017 20:10:02 +0000
Local clock offset: 3.998 ms
Remote clock offset: -1.936 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:11:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 667.98 Mbit/s
95th percentile per-packet one-way delay: 26.230 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 667.98 Mbit/s
95th percentile per-packet one-way delay: 26.230 ms
Loss rate: 0.29%
```

### Run 9: Report of PCC — Data Link

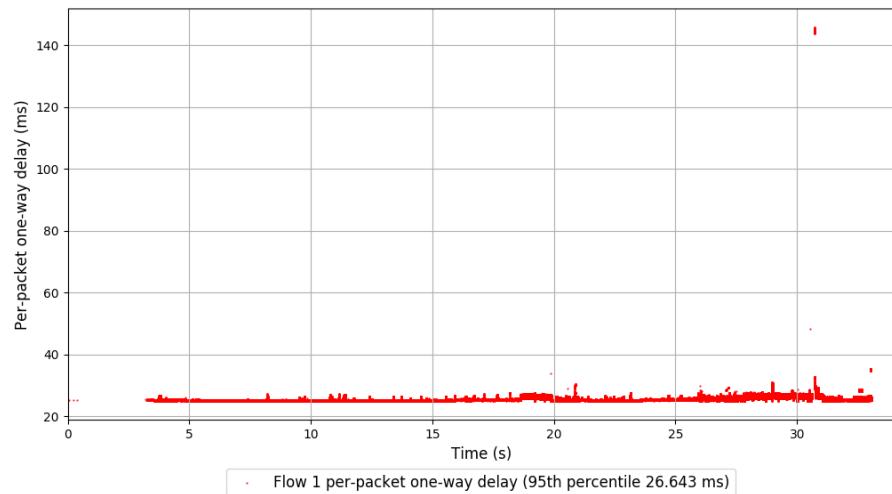
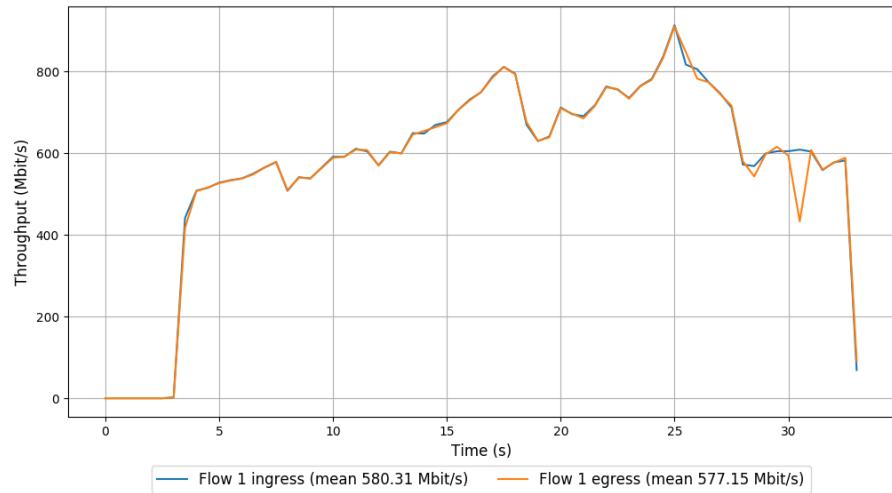


Run 10: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 20:29:37 +0000
End at: Fri, 23 Jun 2017 20:30:07 +0000
Local clock offset: 4.49 ms
Remote clock offset: -1.867 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 577.15 Mbit/s
95th percentile per-packet one-way delay: 26.643 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 577.15 Mbit/s
95th percentile per-packet one-way delay: 26.643 ms
Loss rate: 0.54%
```

## Run 10: Report of PCC — Data Link



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

```
Start at: Fri, 23 Jun 2017 17:19:07 +0000
```

```
End at: Fri, 23 Jun 2017 17:19:38 +0000
```

```
Local clock offset: 2.505 ms
```

```
Remote clock offset: -2.797 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:08 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 16.11 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.329 ms
```

```
Loss rate: 0.01%
```

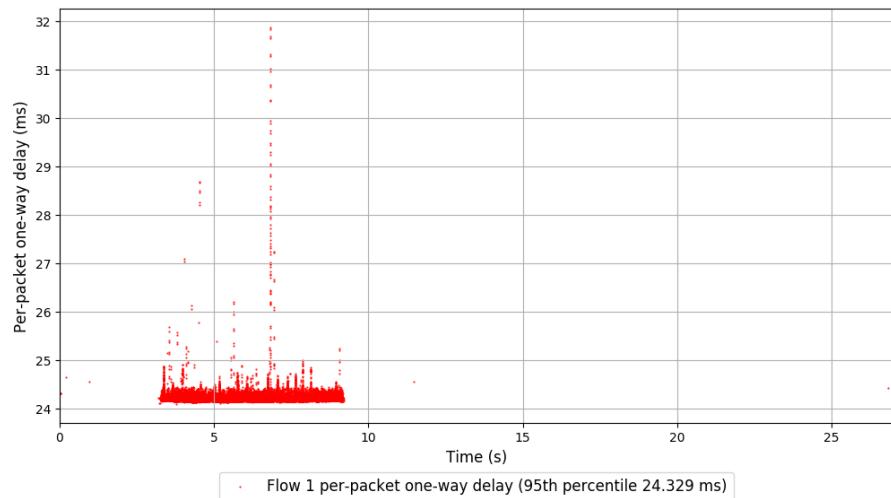
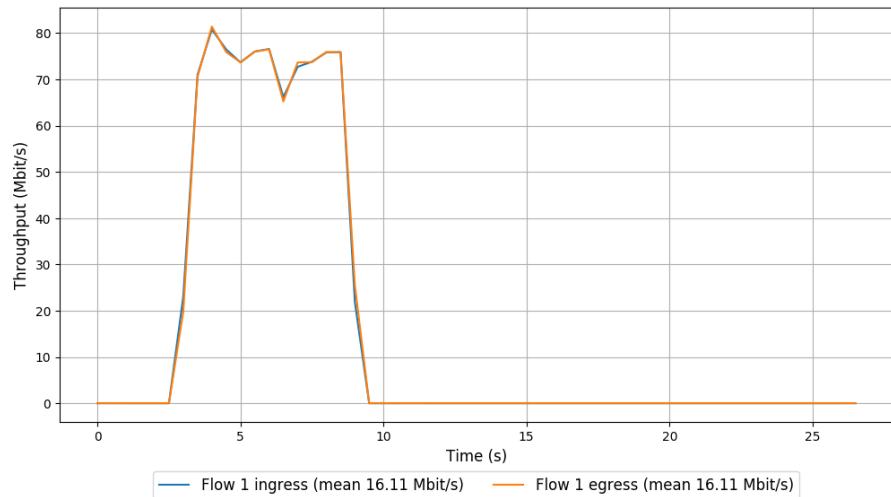
```
-- Flow 1:
```

```
Average throughput: 16.11 Mbit/s
```

```
95th percentile per-packet one-way delay: 24.329 ms
```

```
Loss rate: 0.01%
```

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

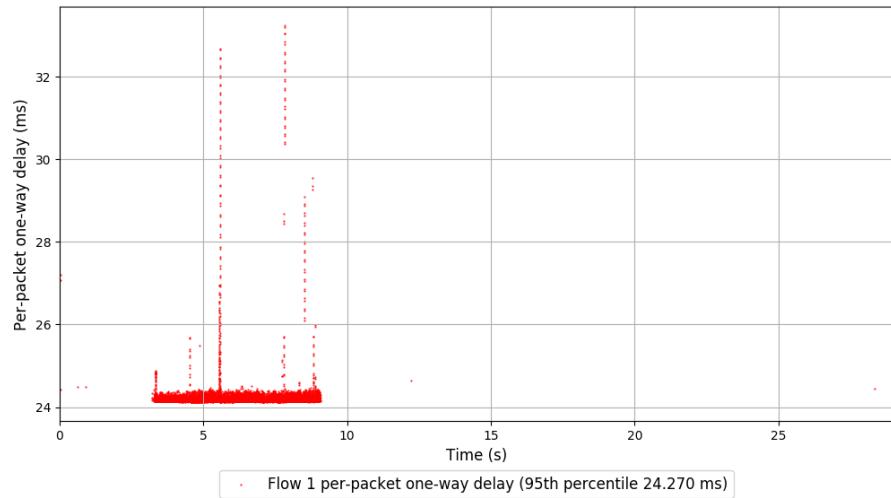
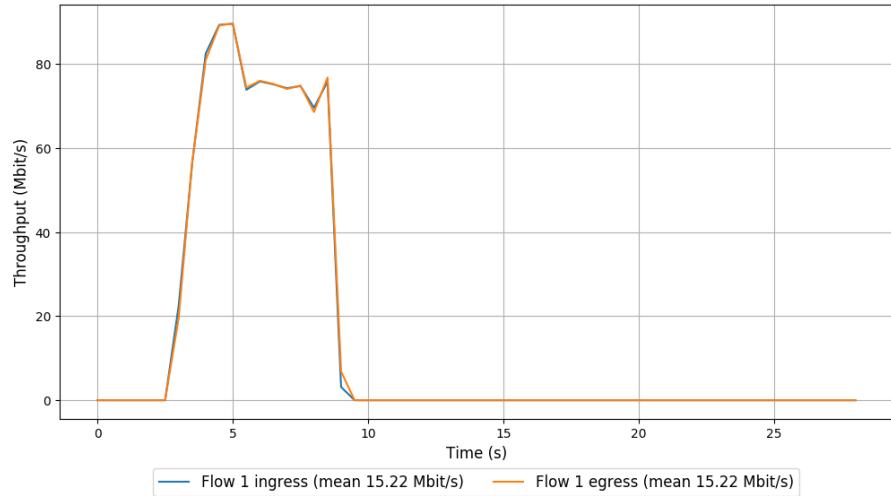


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 17:38:54 +0000
End at: Fri, 23 Jun 2017 17:39:24 +0000
Local clock offset: 2.671 ms
Remote clock offset: -2.774 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 24.270 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 24.270 ms
Loss rate: 0.01%
```

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

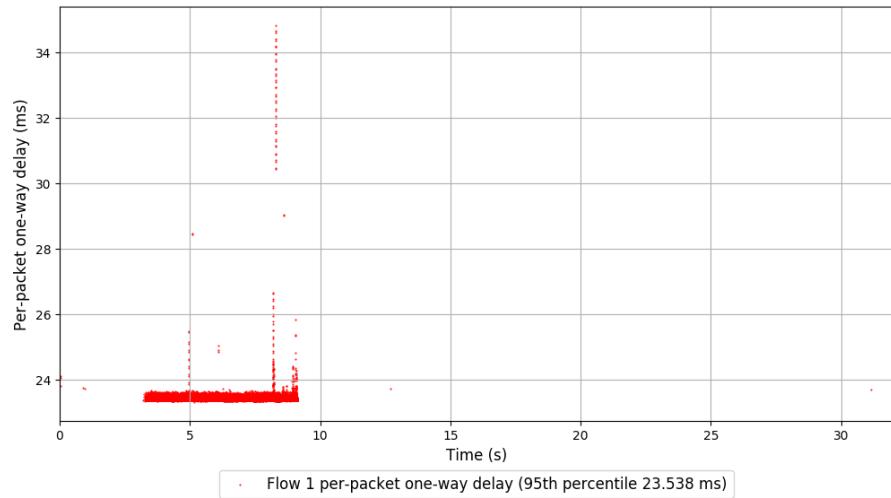
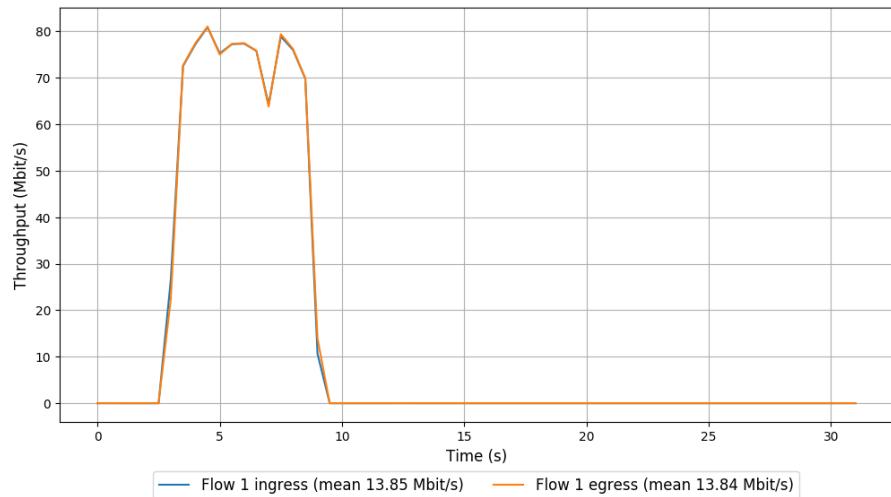


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 17:58:43 +0000
End at: Fri, 23 Jun 2017 17:59:13 +0000
Local clock offset: 2.177 ms
Remote clock offset: -2.618 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 23.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 23.538 ms
Loss rate: 0.00%
```

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

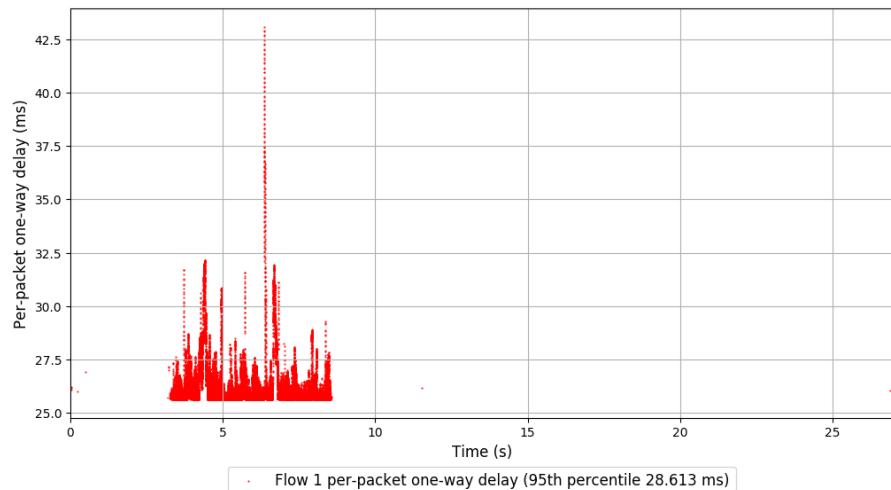
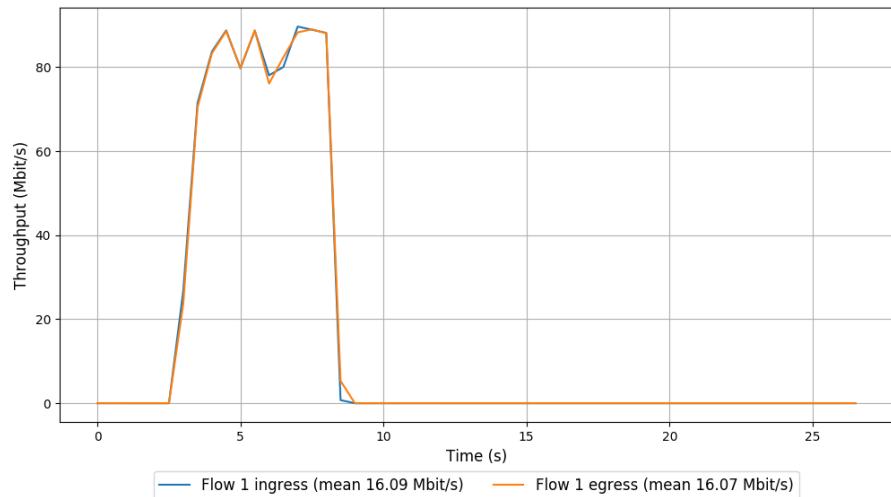


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 18:18:33 +0000
End at: Fri, 23 Jun 2017 18:19:03 +0000
Local clock offset: 4.667 ms
Remote clock offset: -2.228 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.07 Mbit/s
95th percentile per-packet one-way delay: 28.613 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 16.07 Mbit/s
95th percentile per-packet one-way delay: 28.613 ms
Loss rate: 0.11%
```

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

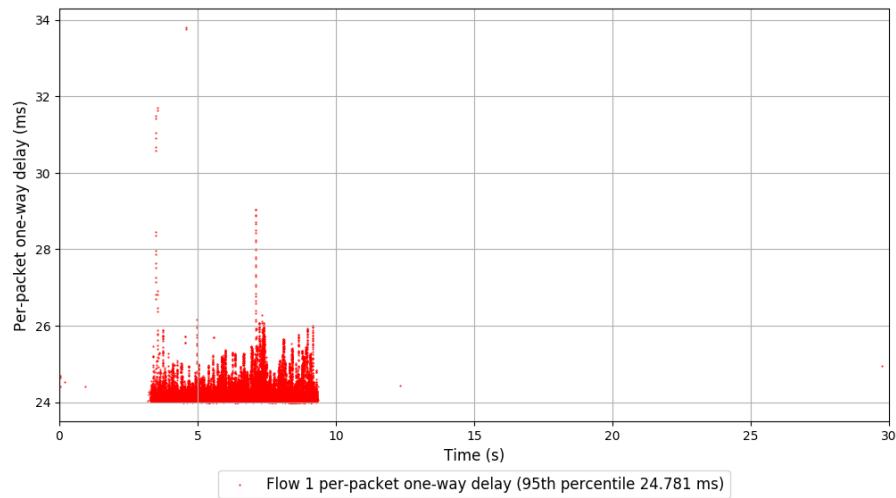
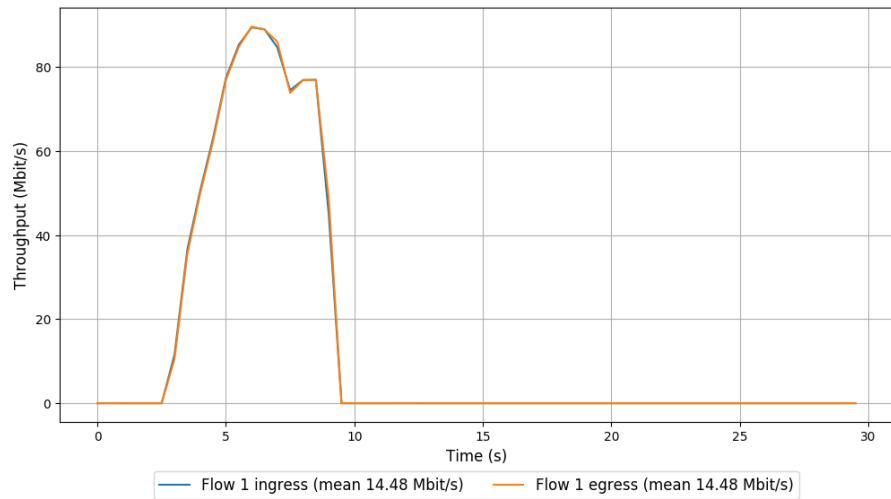


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 18:38:26 +0000
End at: Fri, 23 Jun 2017 18:38:56 +0000
Local clock offset: 3.4 ms
Remote clock offset: -2.009 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 24.781 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 24.781 ms
Loss rate: 0.00%
```

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

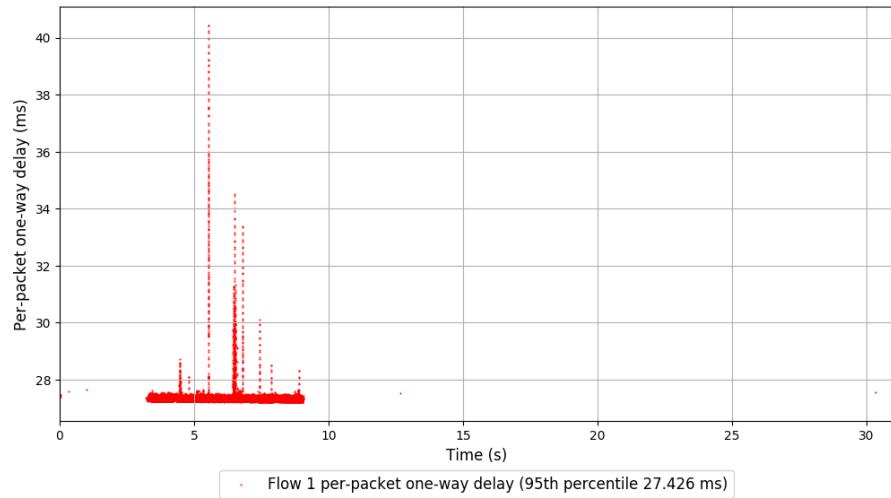
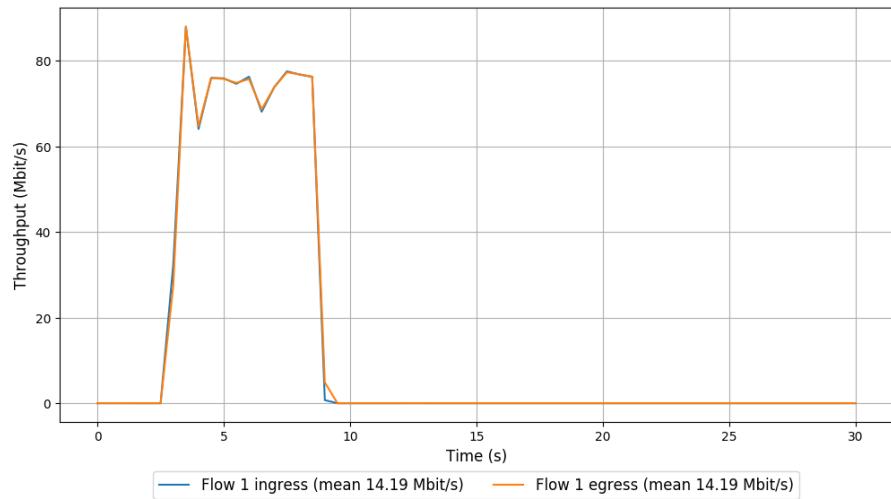


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 18:58:03 +0000
End at: Fri, 23 Jun 2017 18:58:33 +0000
Local clock offset: 6.827 ms
Remote clock offset: -1.846 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.19 Mbit/s
95th percentile per-packet one-way delay: 27.426 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.19 Mbit/s
95th percentile per-packet one-way delay: 27.426 ms
Loss rate: 0.00%
```

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

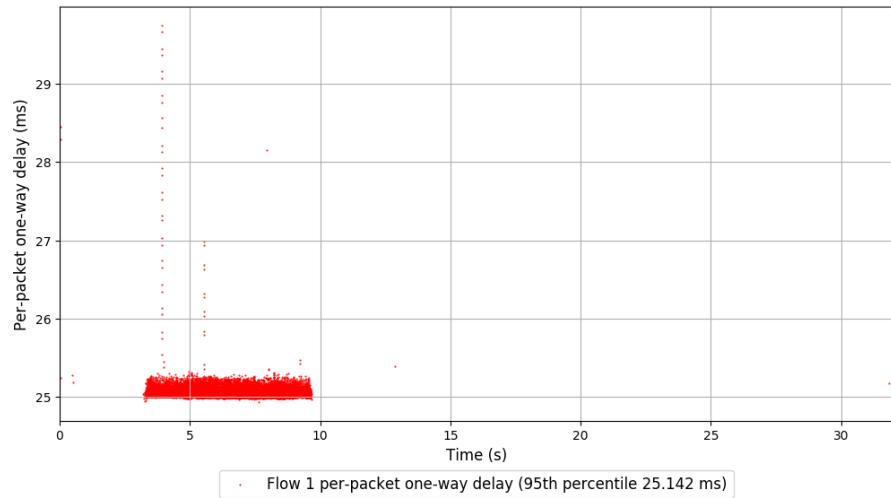
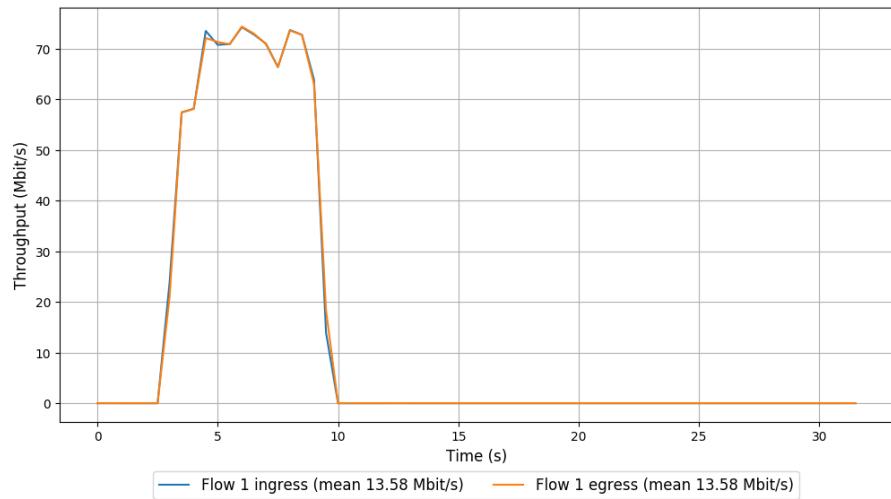


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 19:17:45 +0000
End at: Fri, 23 Jun 2017 19:18:15 +0000
Local clock offset: 4.374 ms
Remote clock offset: -1.853 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.58 Mbit/s
95th percentile per-packet one-way delay: 25.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.58 Mbit/s
95th percentile per-packet one-way delay: 25.142 ms
Loss rate: 0.00%
```

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

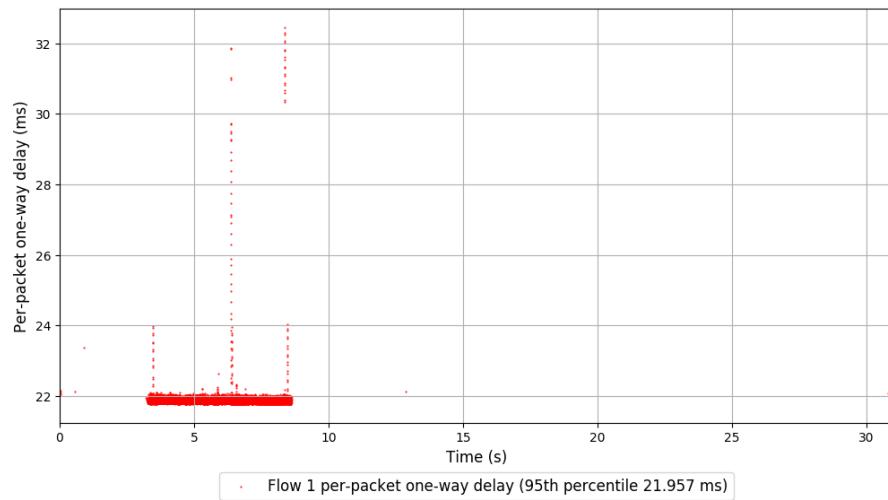
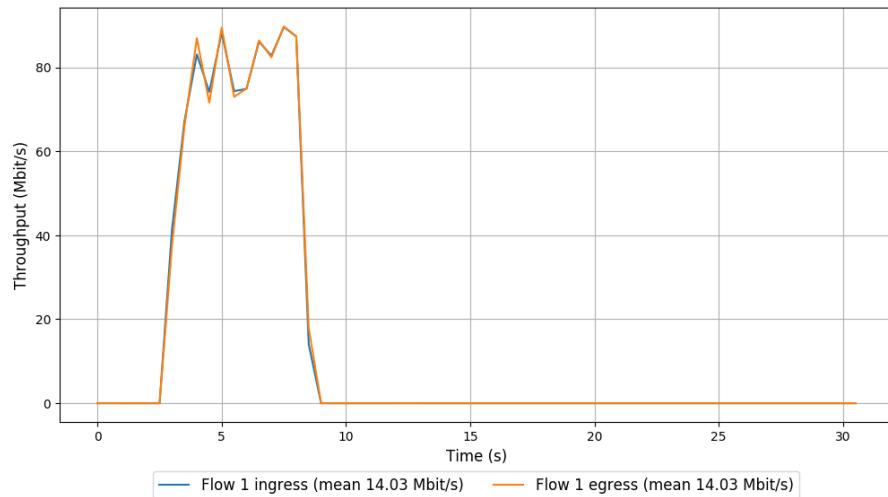


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 19:37:40 +0000
End at: Fri, 23 Jun 2017 19:38:10 +0000
Local clock offset: 1.485 ms
Remote clock offset: -1.577 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 21.957 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 21.957 ms
Loss rate: 0.00%
```

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

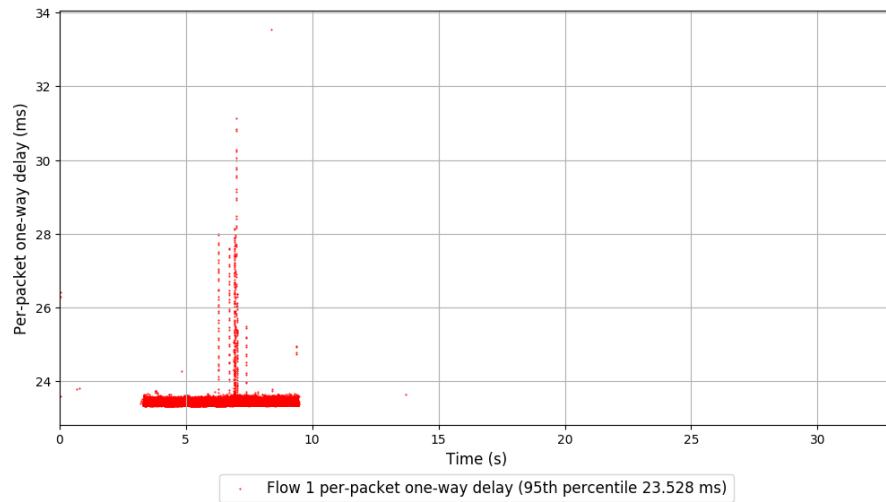
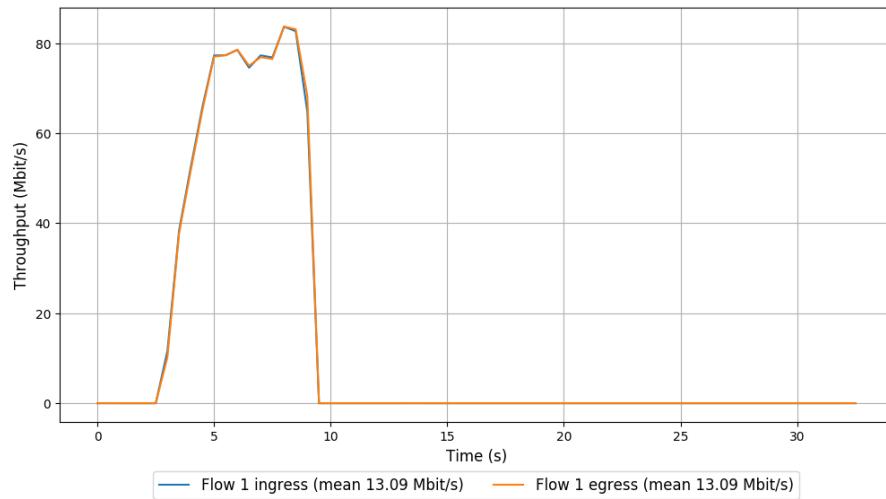


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 19:57:50 +0000
End at: Fri, 23 Jun 2017 19:58:20 +0000
Local clock offset: 2.796 ms
Remote clock offset: -1.713 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.09 Mbit/s
95th percentile per-packet one-way delay: 23.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.09 Mbit/s
95th percentile per-packet one-way delay: 23.528 ms
Loss rate: 0.00%
```

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

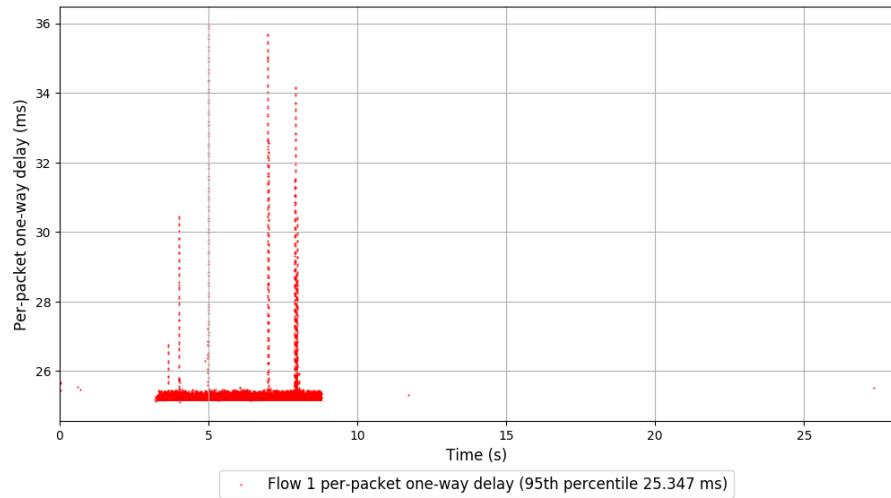
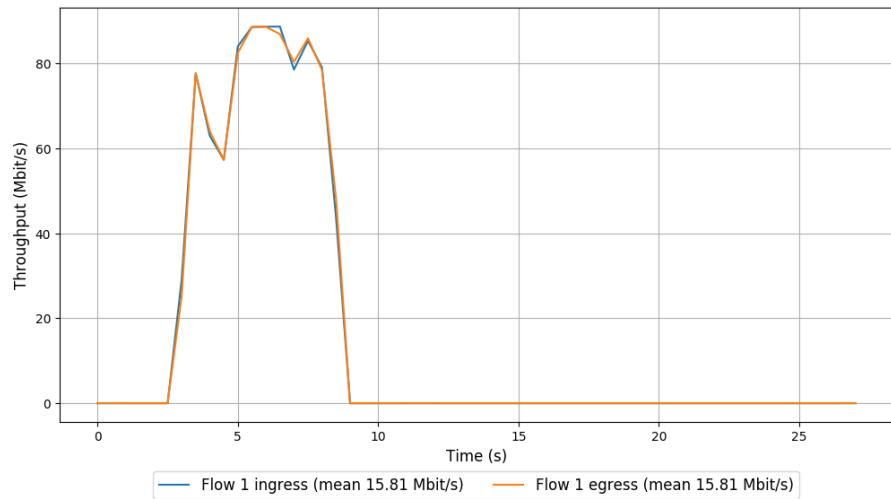


```
Run 10: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 20:17:40 +0000
End at: Fri, 23 Jun 2017 20:18:10 +0000
Local clock offset: 4.419 ms
Remote clock offset: -1.968 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 25.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 25.347 ms
Loss rate: 0.00%
```

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



Run 1: Statistics of Saturator

Start at: Fri, 23 Jun 2017 17:29:33 +0000

End at: Fri, 23 Jun 2017 17:30:03 +0000

Local clock offset: 2.634 ms

Remote clock offset: -2.843 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 107.80 Mbit/s

95th percentile per-packet one-way delay: 24.628 ms

Loss rate: 0.05%

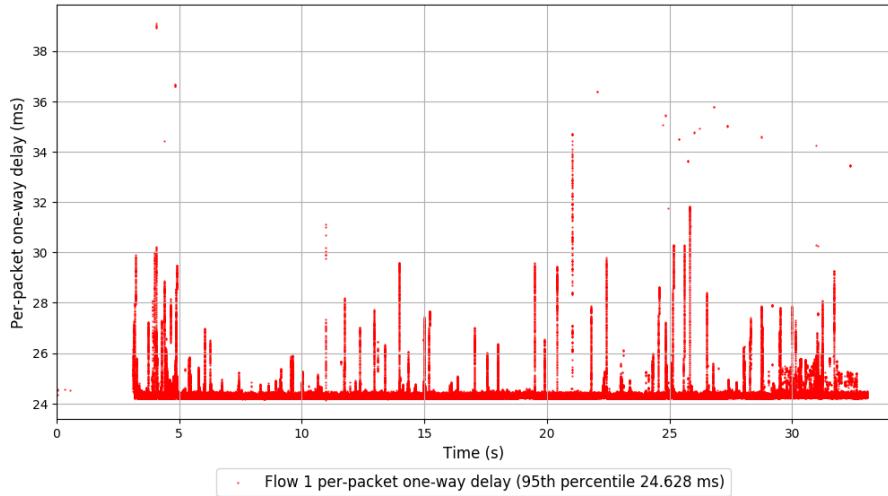
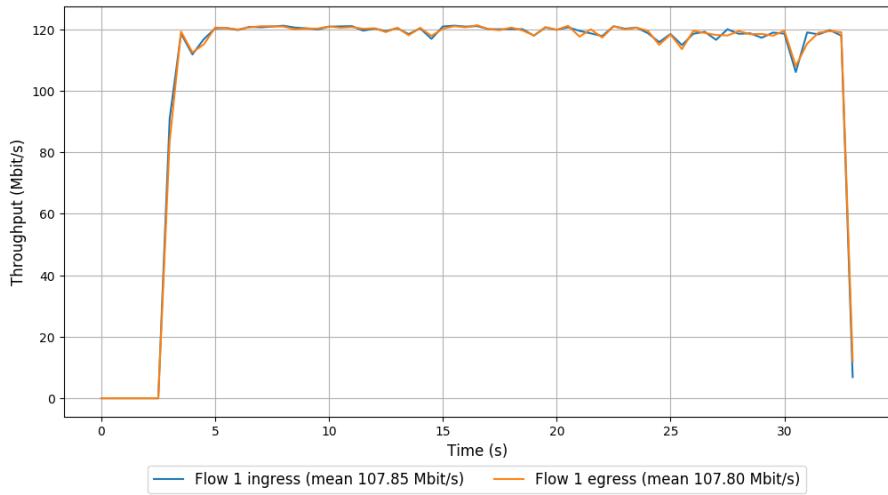
-- Flow 1:

Average throughput: 107.80 Mbit/s

95th percentile per-packet one-way delay: 24.628 ms

Loss rate: 0.05%

Run 1: Report of Saturator — Data Link

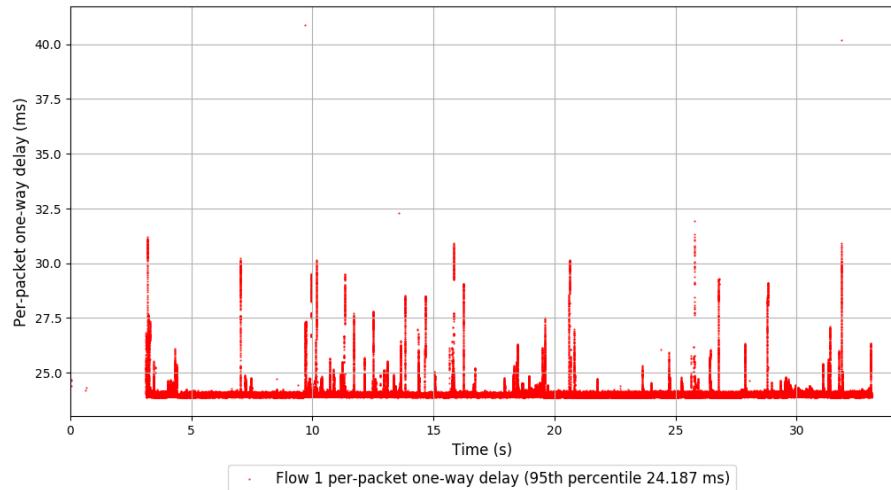
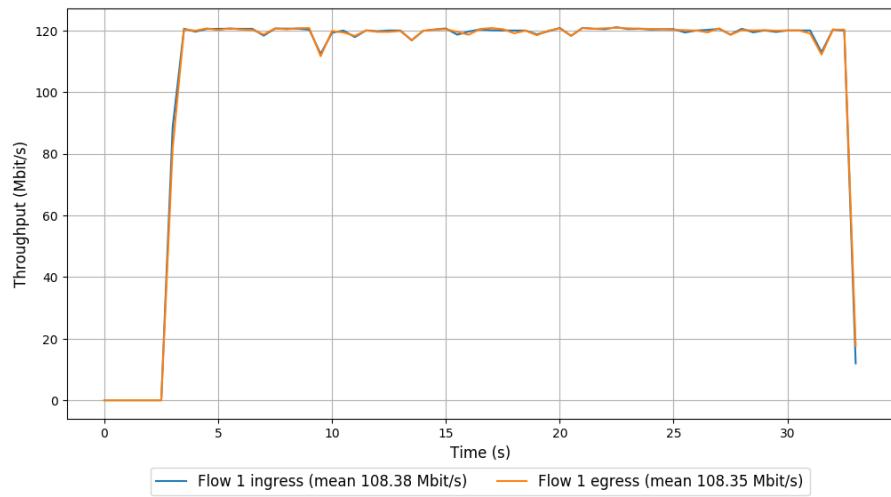


Run 2: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 17:49:19 +0000
End at: Fri, 23 Jun 2017 17:49:49 +0000
Local clock offset: 2.328 ms
Remote clock offset: -2.759 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.35 Mbit/s
95th percentile per-packet one-way delay: 24.187 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 108.35 Mbit/s
95th percentile per-packet one-way delay: 24.187 ms
Loss rate: 0.04%
```

Run 2: Report of Saturator — Data Link

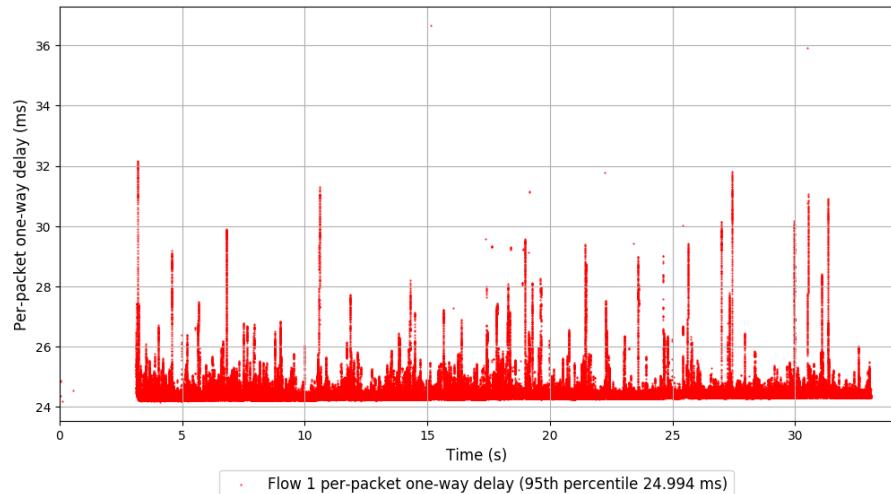
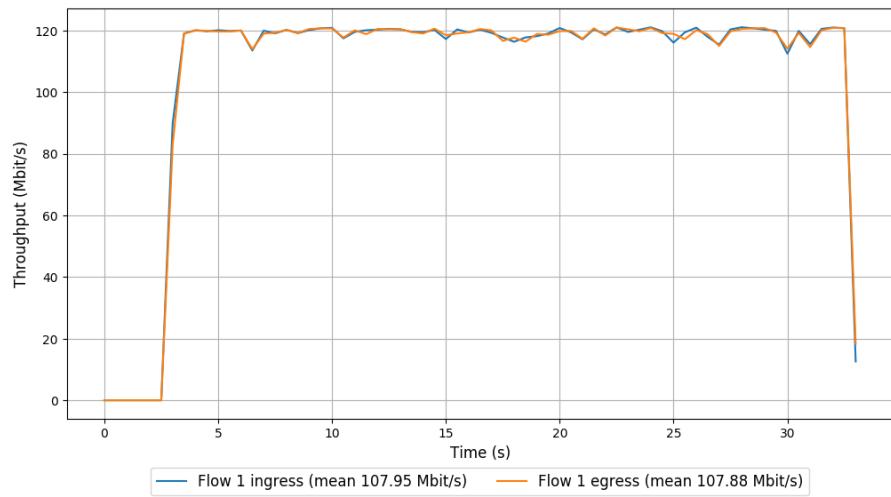


Run 3: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 18:09:07 +0000
End at: Fri, 23 Jun 2017 18:09:37 +0000
Local clock offset: 2.916 ms
Remote clock offset: -2.422 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.88 Mbit/s
95th percentile per-packet one-way delay: 24.994 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 107.88 Mbit/s
95th percentile per-packet one-way delay: 24.994 ms
Loss rate: 0.07%
```

Run 3: Report of Saturator — Data Link

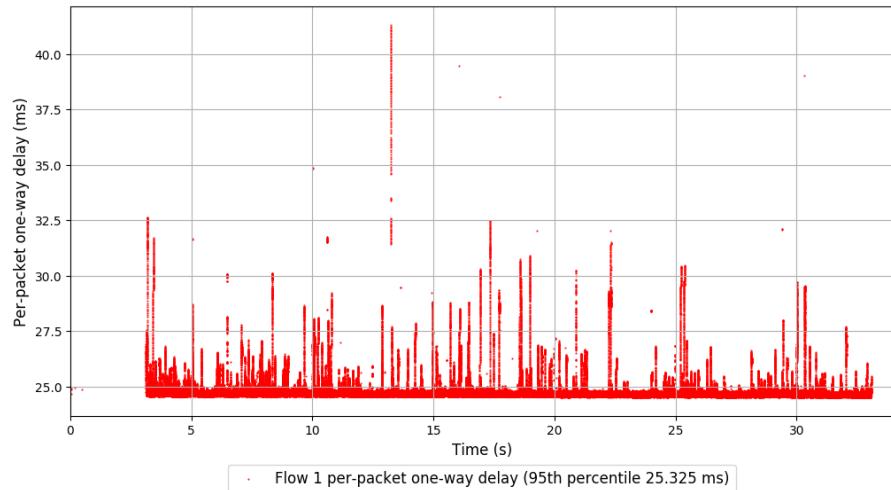
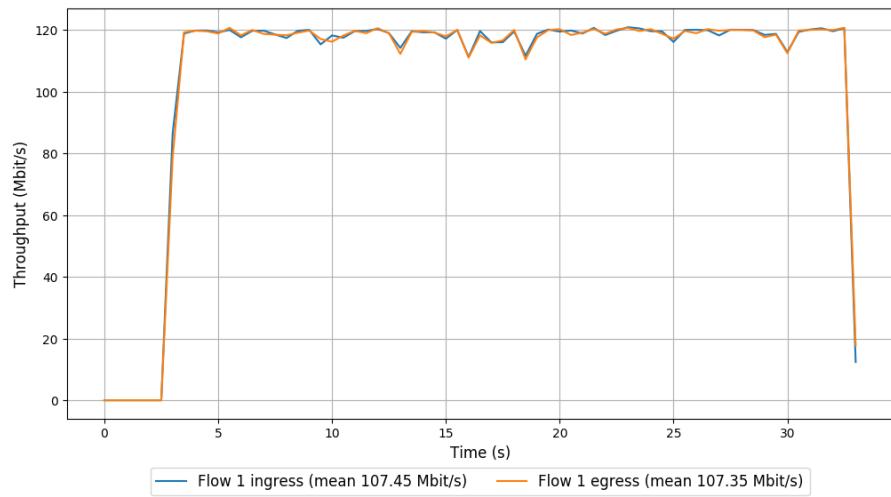


Run 4: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 18:29:03 +0000
End at: Fri, 23 Jun 2017 18:29:33 +0000
Local clock offset: 4.08 ms
Remote clock offset: -1.856 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:12:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.35 Mbit/s
95th percentile per-packet one-way delay: 25.325 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 107.35 Mbit/s
95th percentile per-packet one-way delay: 25.325 ms
Loss rate: 0.10%
```

Run 4: Report of Saturator — Data Link

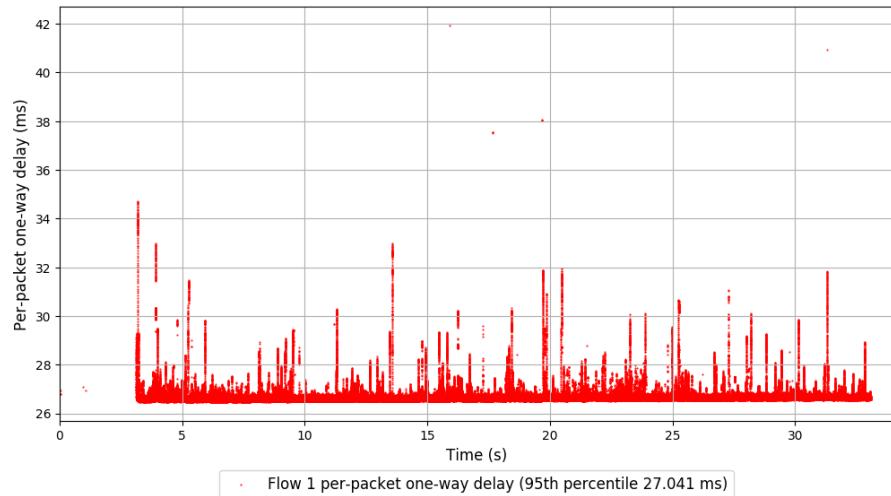
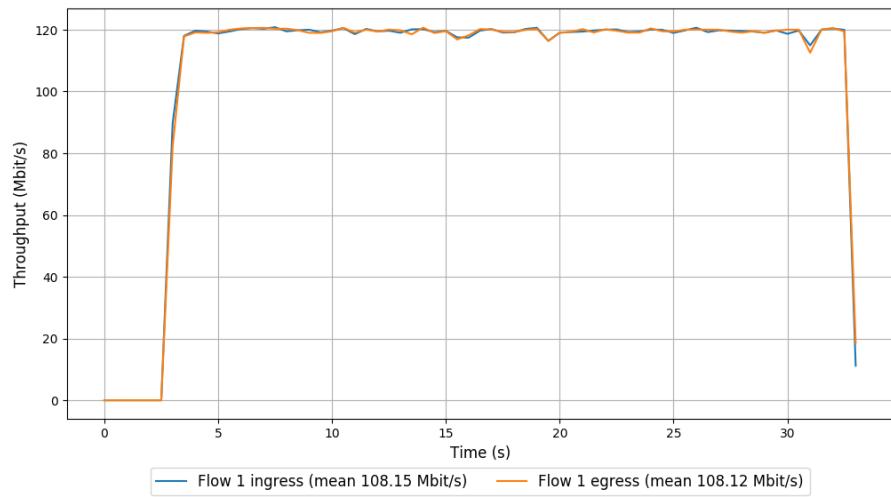


Run 5: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 18:48:42 +0000
End at: Fri, 23 Jun 2017 18:49:12 +0000
Local clock offset: 5.752 ms
Remote clock offset: -1.99 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.12 Mbit/s
95th percentile per-packet one-way delay: 27.041 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 108.12 Mbit/s
95th percentile per-packet one-way delay: 27.041 ms
Loss rate: 0.03%
```

Run 5: Report of Saturator — Data Link

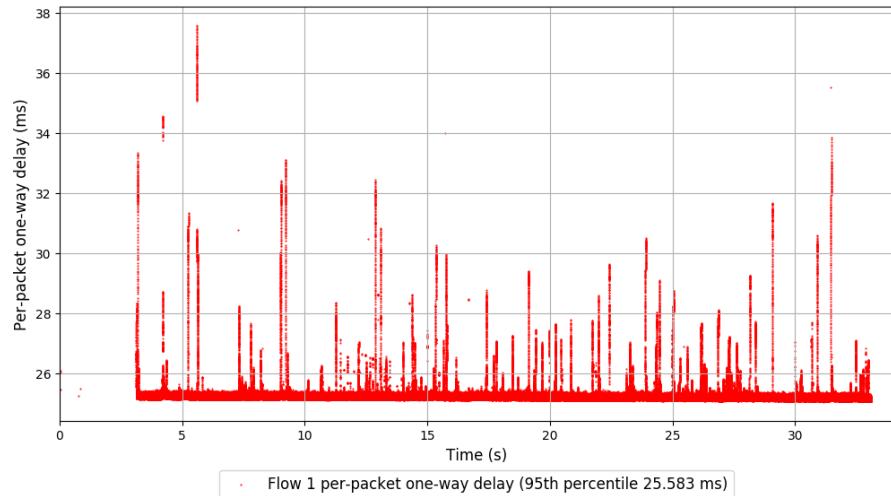
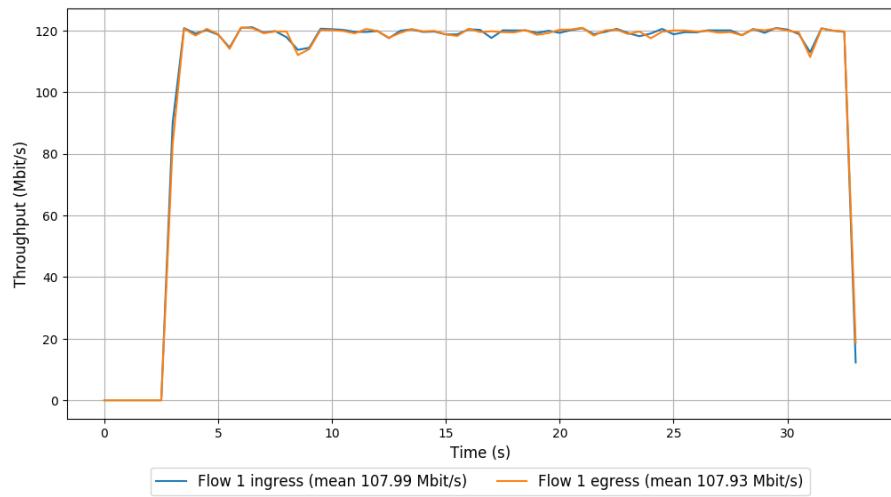


Run 6: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 19:08:29 +0000
End at: Fri, 23 Jun 2017 19:08:59 +0000
Local clock offset: 4.721 ms
Remote clock offset: -1.793 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.93 Mbit/s
95th percentile per-packet one-way delay: 25.583 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 107.93 Mbit/s
95th percentile per-packet one-way delay: 25.583 ms
Loss rate: 0.06%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Fri, 23 Jun 2017 19:28:13 +0000

End at: Fri, 23 Jun 2017 19:28:43 +0000

Local clock offset: 2.499 ms

Remote clock offset: -1.802 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 108.56 Mbit/s

95th percentile per-packet one-way delay: 23.174 ms

Loss rate: 0.06%

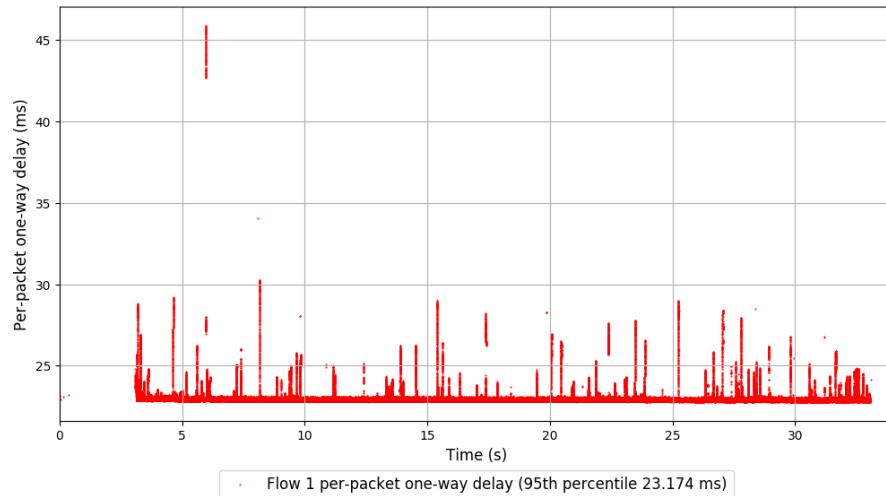
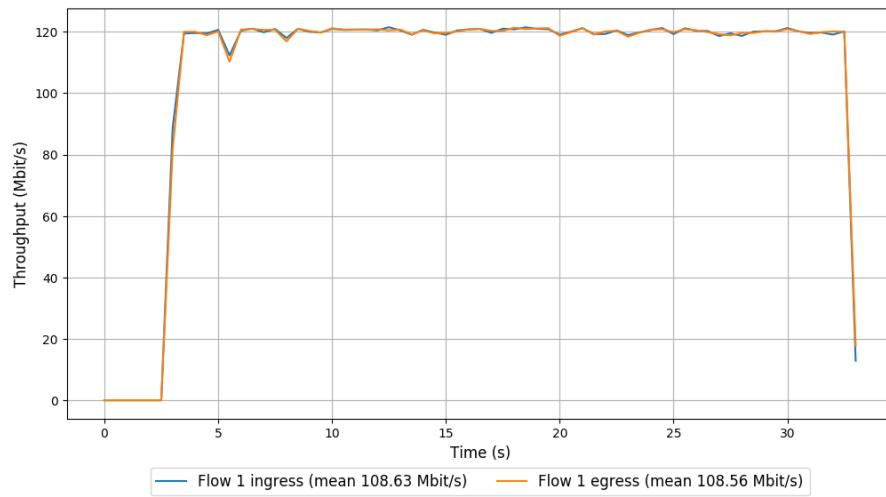
-- Flow 1:

Average throughput: 108.56 Mbit/s

95th percentile per-packet one-way delay: 23.174 ms

Loss rate: 0.06%

Run 7: Report of Saturator — Data Link

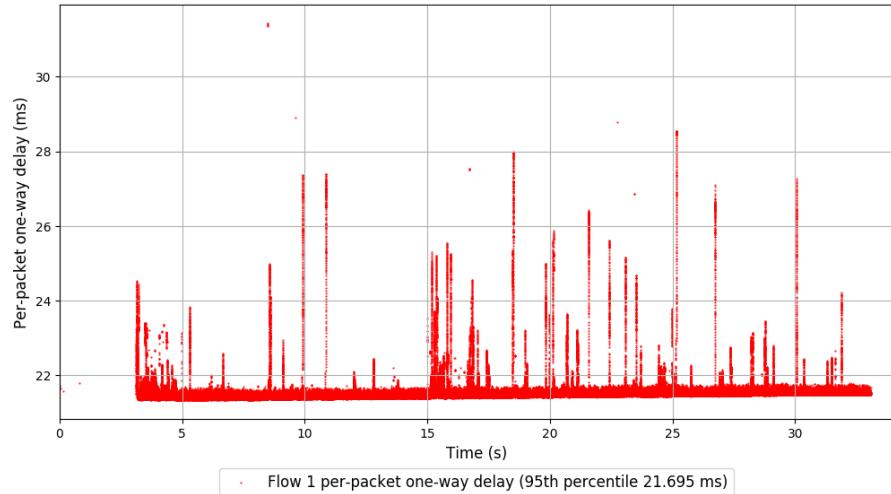
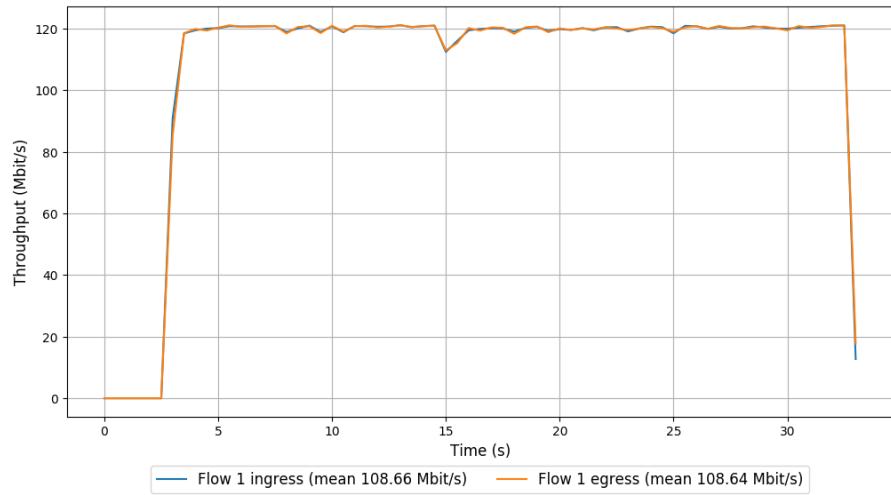


Run 8: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 19:48:15 +0000
End at: Fri, 23 Jun 2017 19:48:45 +0000
Local clock offset: 0.804 ms
Remote clock offset: -1.61 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.64 Mbit/s
95th percentile per-packet one-way delay: 21.695 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 108.64 Mbit/s
95th percentile per-packet one-way delay: 21.695 ms
Loss rate: 0.01%
```

Run 8: Report of Saturator — Data Link

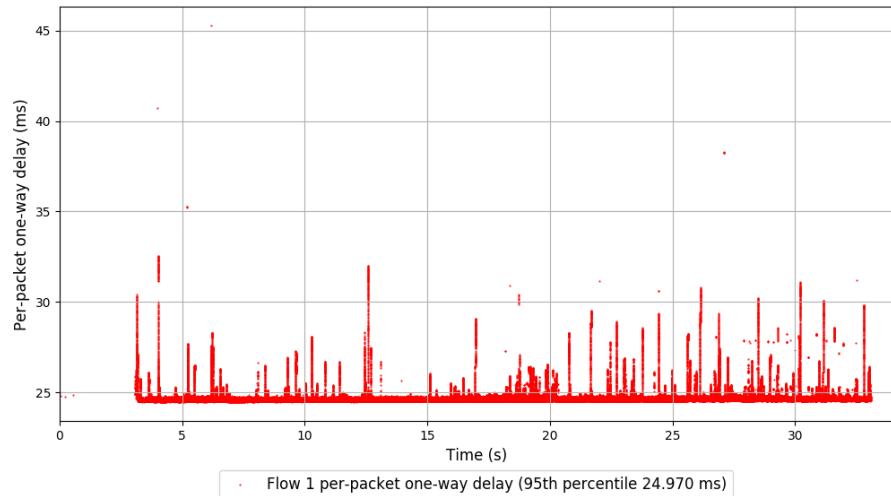
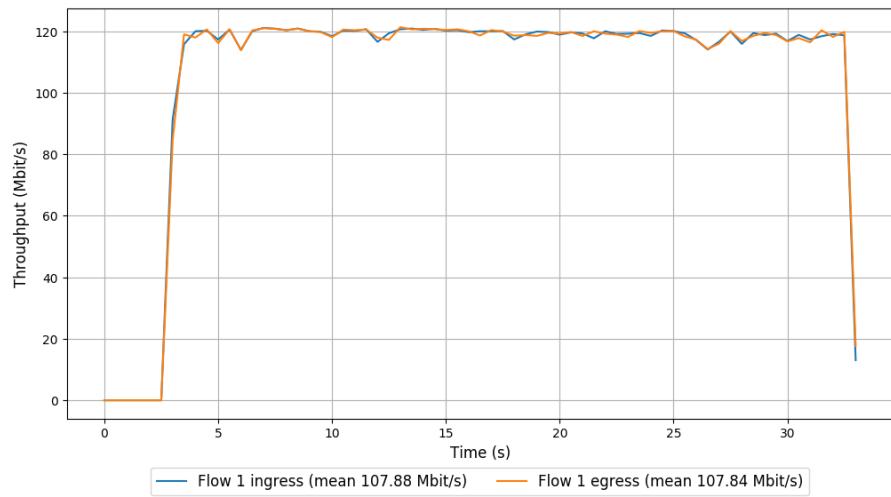


Run 9: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 20:08:15 +0000
End at: Fri, 23 Jun 2017 20:08:45 +0000
Local clock offset: 3.914 ms
Remote clock offset: -1.909 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.84 Mbit/s
95th percentile per-packet one-way delay: 24.970 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 107.84 Mbit/s
95th percentile per-packet one-way delay: 24.970 ms
Loss rate: 0.04%
```

Run 9: Report of Saturator — Data Link

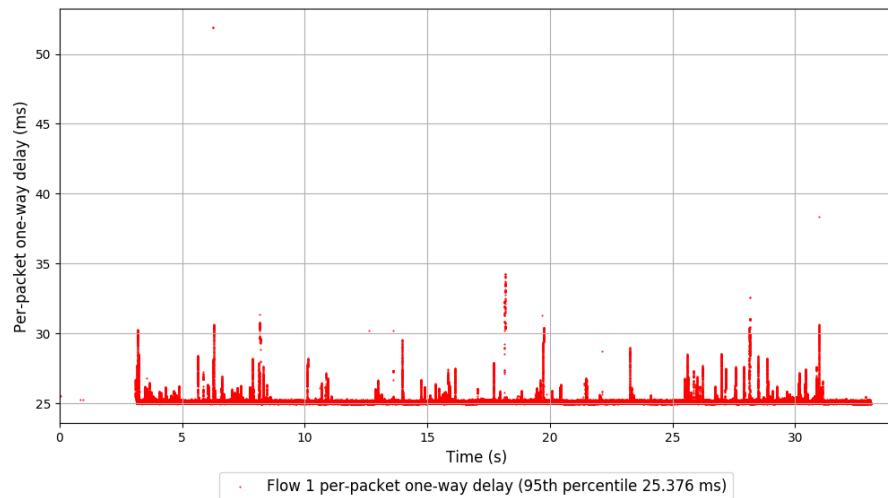
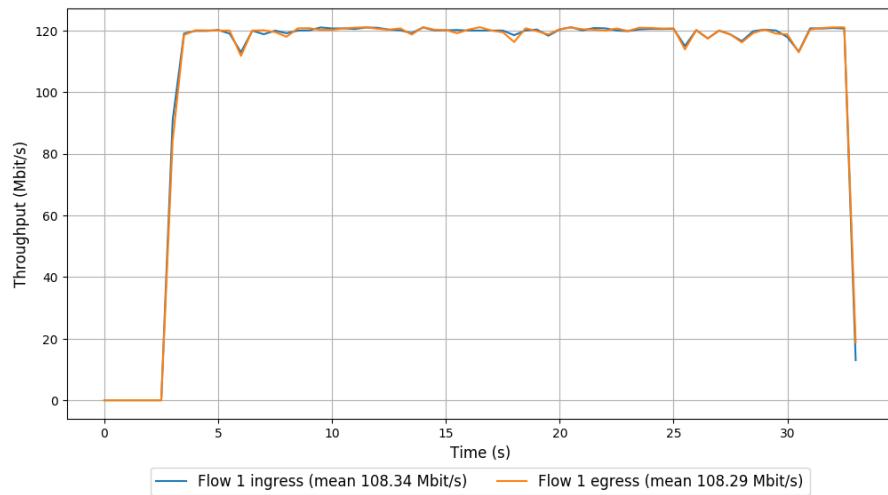


Run 10: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 20:28:19 +0000
End at: Fri, 23 Jun 2017 20:28:49 +0000
Local clock offset: 4.373 ms
Remote clock offset: -1.866 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.29 Mbit/s
95th percentile per-packet one-way delay: 25.376 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 108.29 Mbit/s
95th percentile per-packet one-way delay: 25.376 ms
Loss rate: 0.05%
```

Run 10: Report of Saturator — Data Link

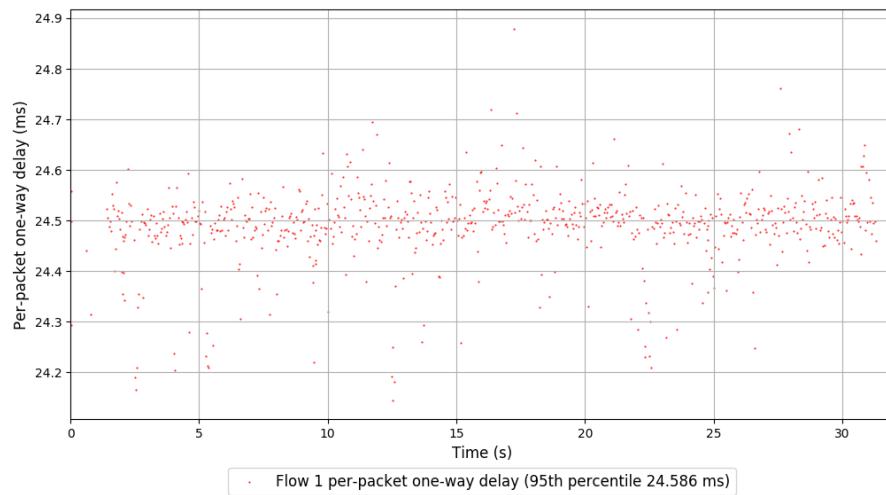
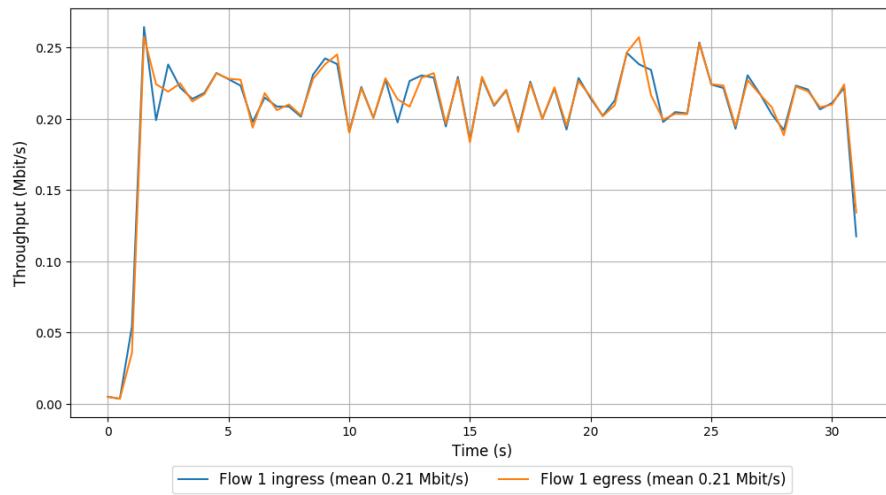


Run 1: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 17:25:45 +0000
End at: Fri, 23 Jun 2017 17:26:15 +0000
Local clock offset: 2.543 ms
Remote clock offset: -2.736 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 24.586 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 24.586 ms
Loss rate: 0.00%
```

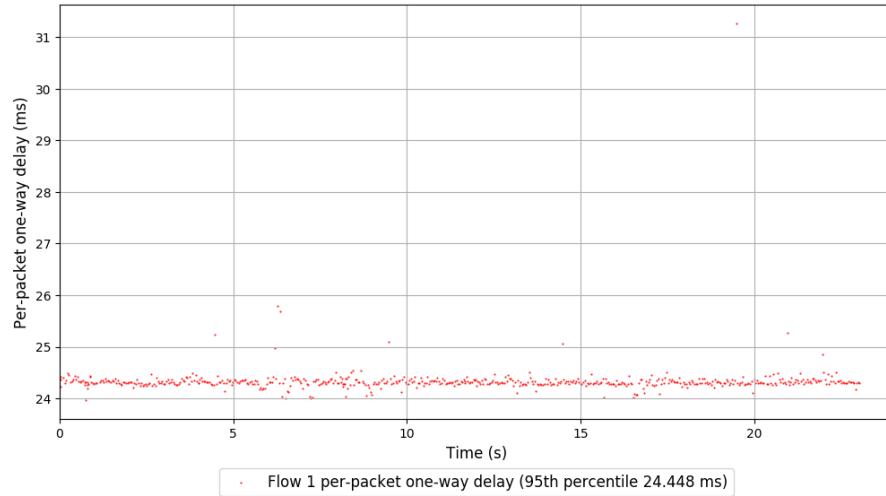
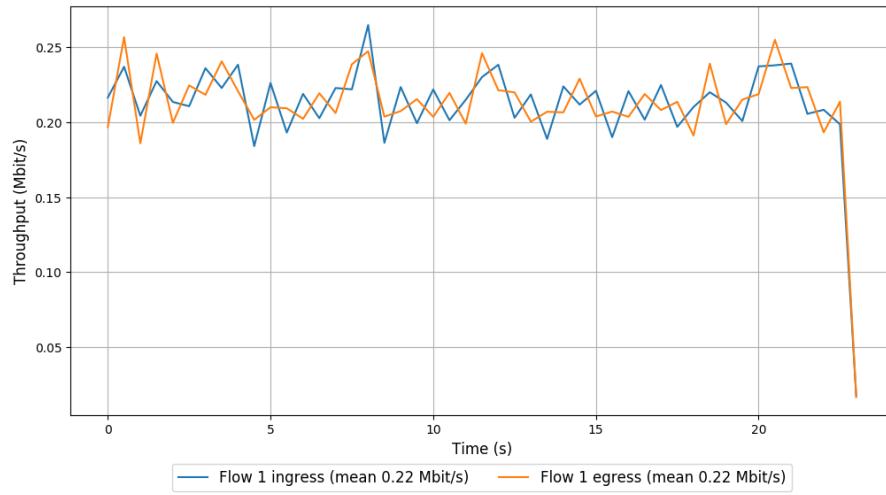
### Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 17:45:33 +0000  
End at: Fri, 23 Jun 2017 17:46:03 +0000  
Local clock offset: 2.384 ms  
Remote clock offset: -2.712 ms

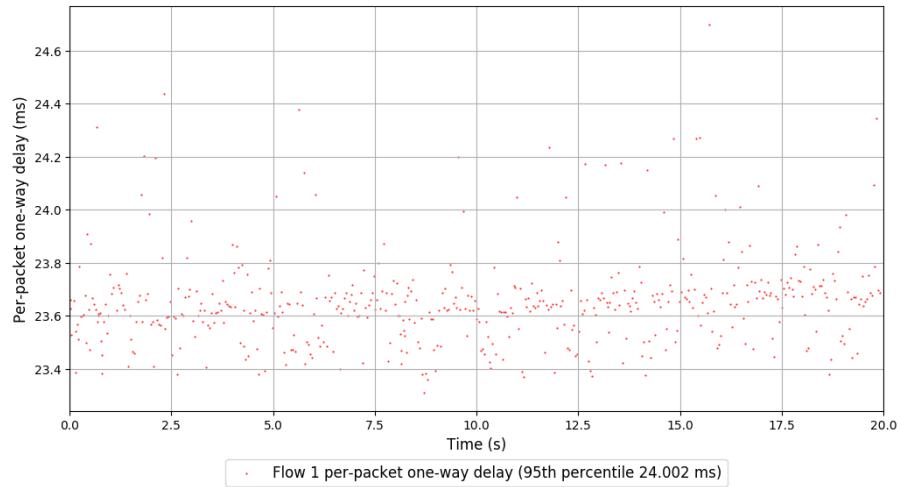
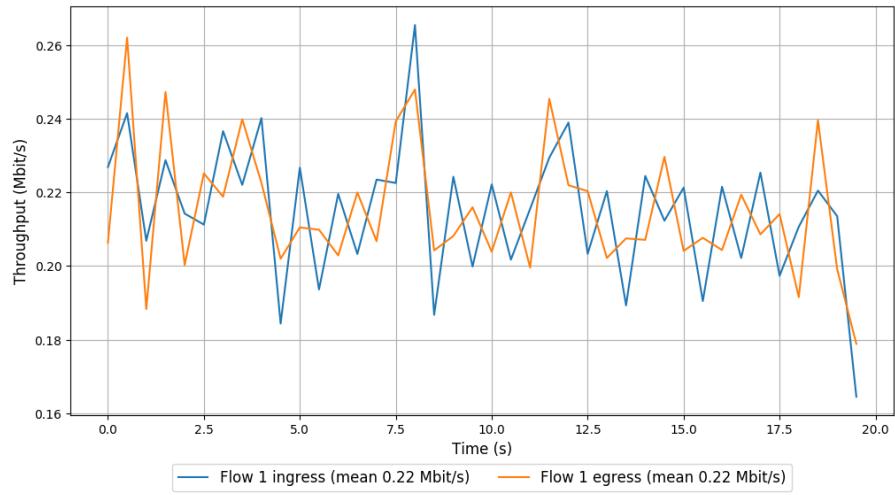
## Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 18:05:18 +0000  
End at: Fri, 23 Jun 2017 18:05:48 +0000  
Local clock offset: 1.727 ms  
Remote clock offset: -2.529 ms

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

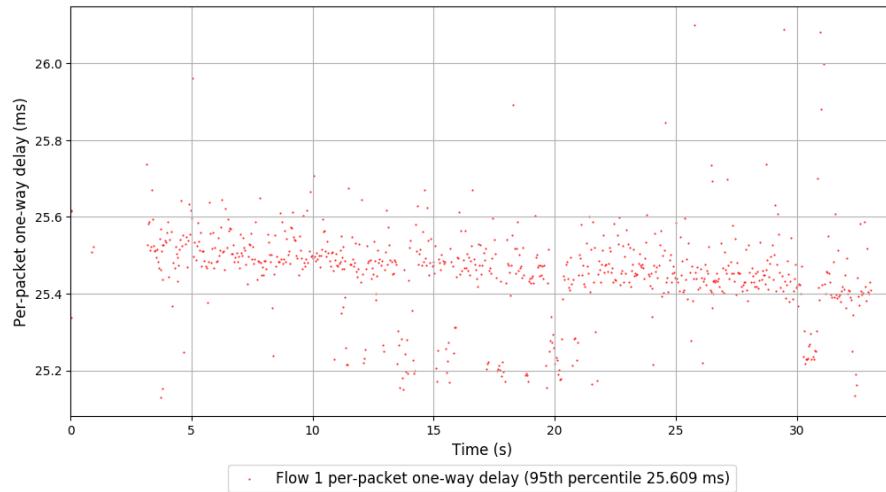
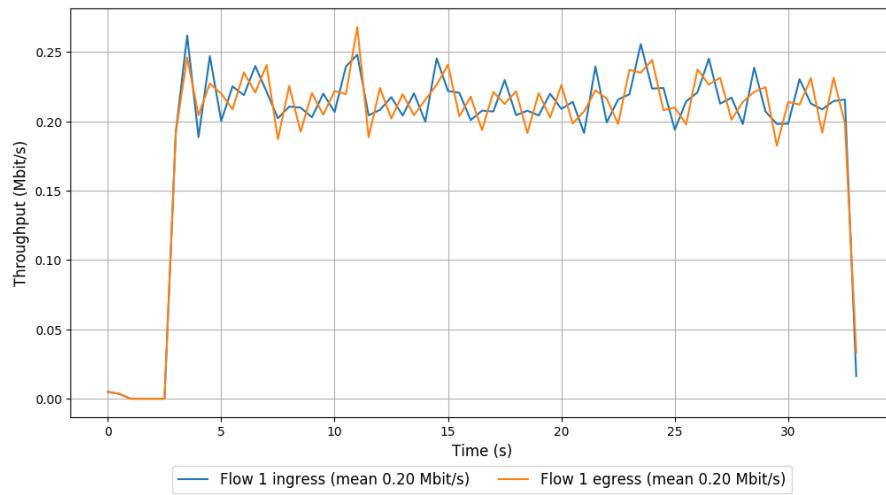


Run 4: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 18:25:14 +0000
End at: Fri, 23 Jun 2017 18:25:44 +0000
Local clock offset: 4.488 ms
Remote clock offset: -1.972 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.609 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.609 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

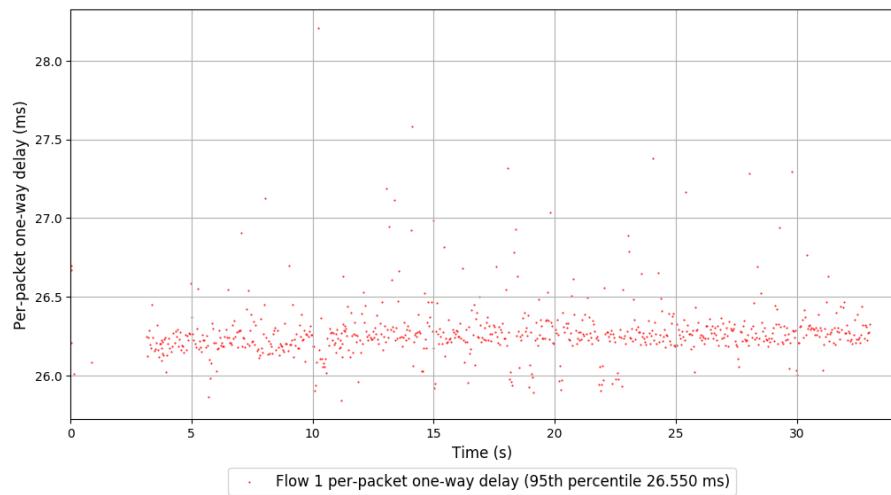
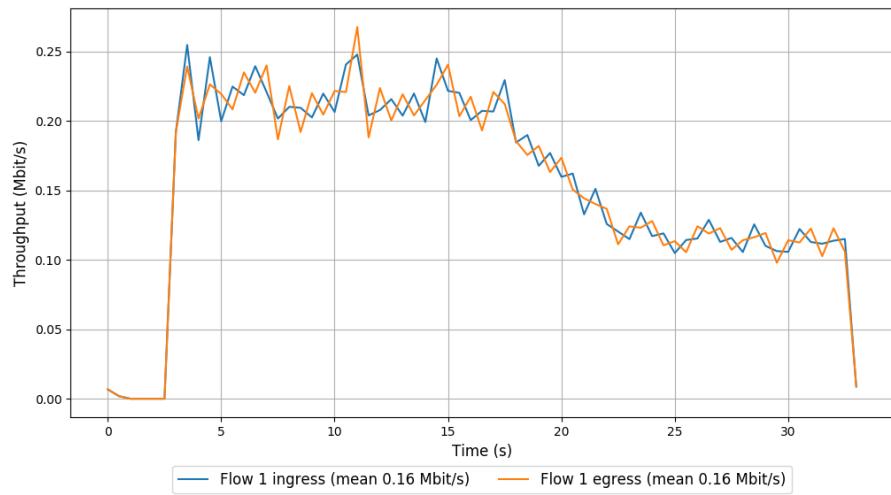


Run 5: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 18:44:59 +0000
End at: Fri, 23 Jun 2017 18:45:29 +0000
Local clock offset: 4.999 ms
Remote clock offset: -2.043 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 26.550 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 26.550 ms
Loss rate: 0.24%
```

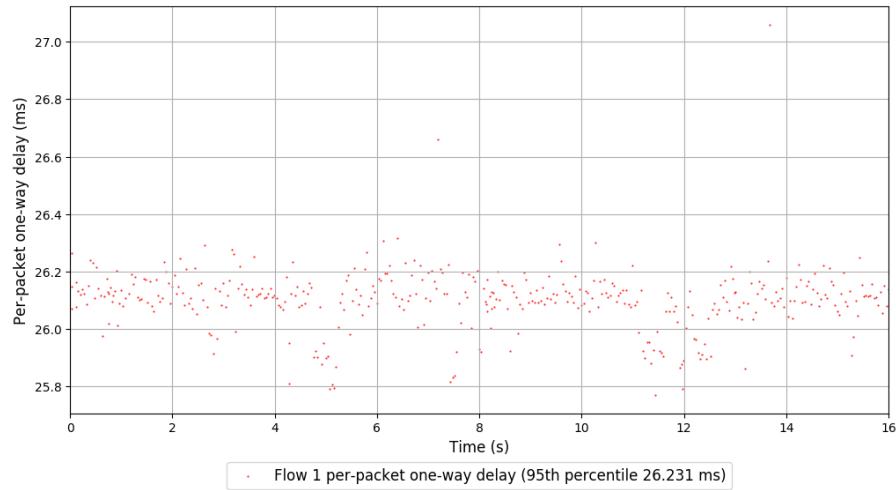
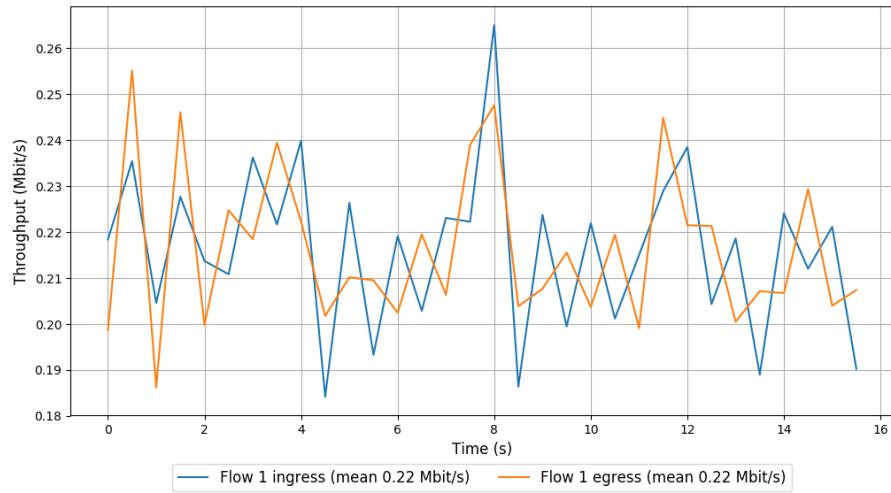
Run 5: Report of SCReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 19:04:41 +0000  
End at: Fri, 23 Jun 2017 19:05:11 +0000  
Local clock offset: 5.284 ms  
Remote clock offset: -1.942 ms

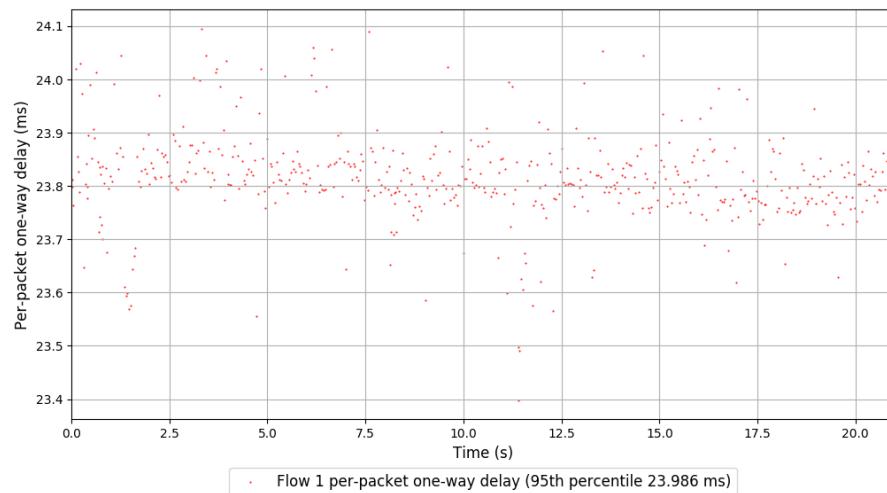
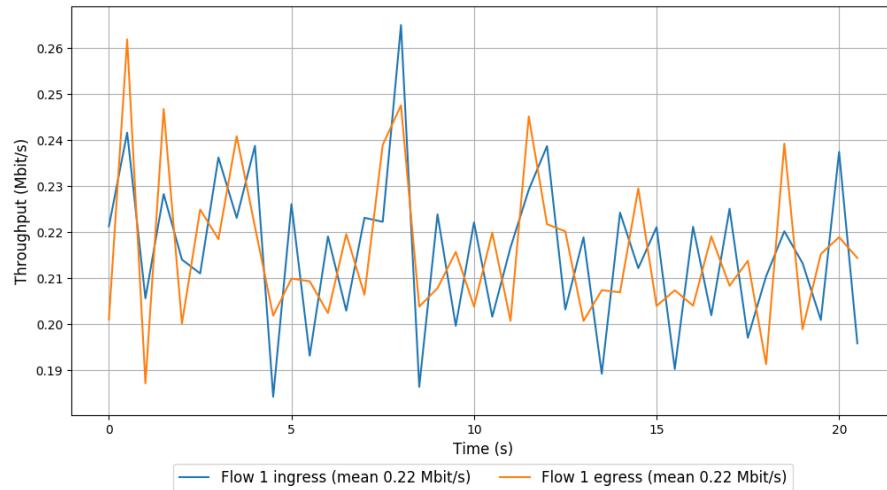
Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 19:24:24 +0000  
End at: Fri, 23 Jun 2017 19:24:54 +0000  
Local clock offset: 2.98 ms  
Remote clock offset: -1.85 ms

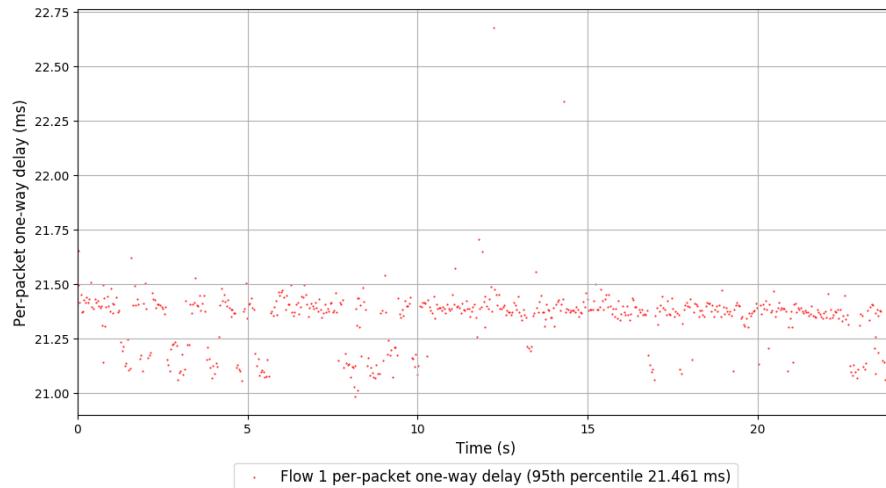
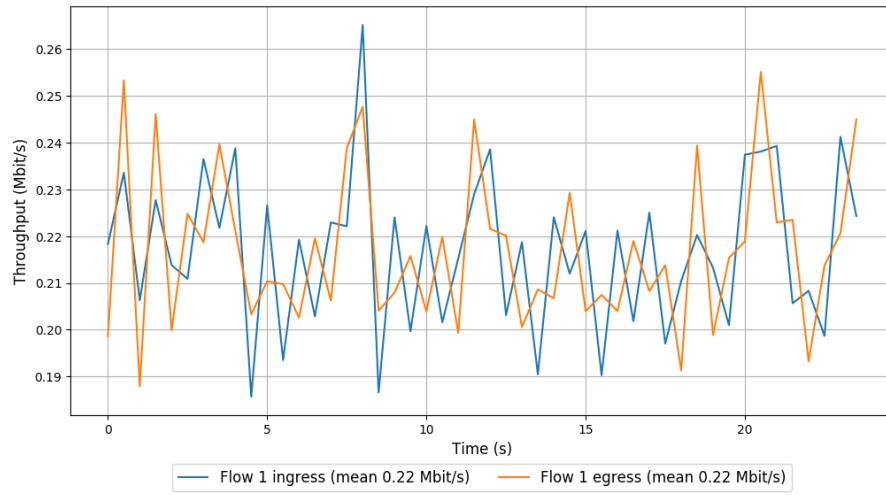
## Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 19:44:25 +0000  
End at: Fri, 23 Jun 2017 19:44:55 +0000  
Local clock offset: 0.793 ms  
Remote clock offset: -1.61 ms

## Run 8: Report of SCReAM — Data Link

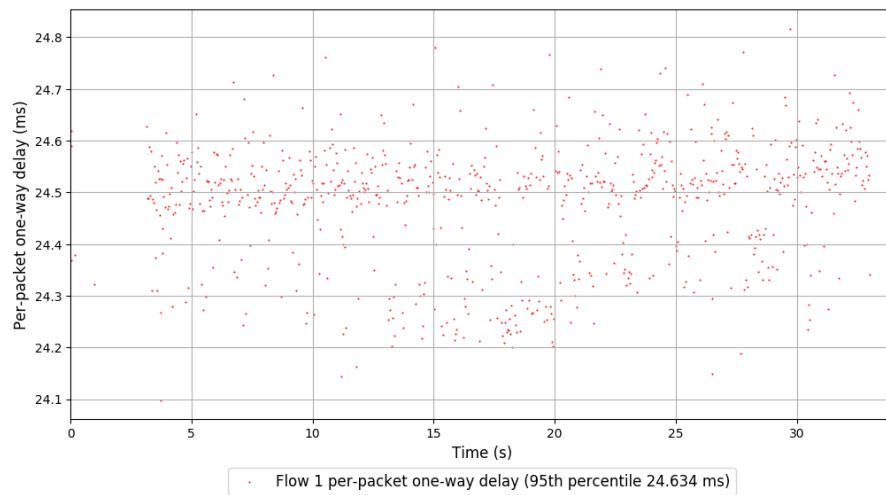
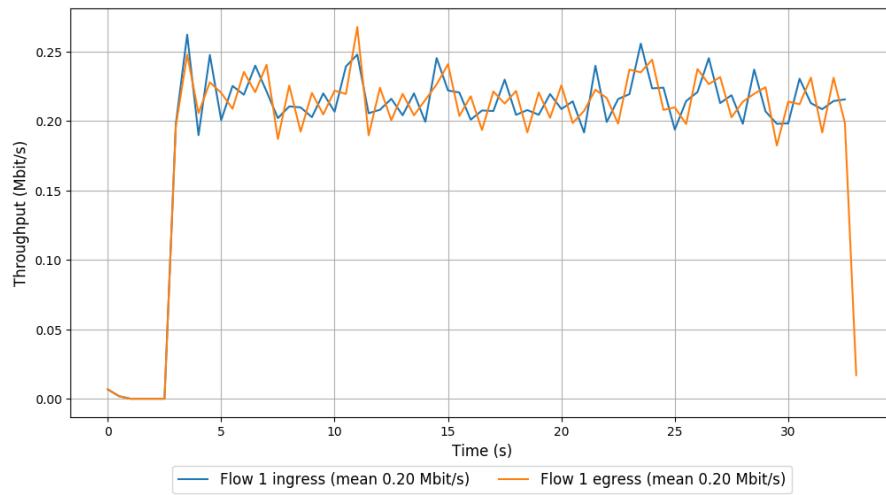


Run 9: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 20:04:29 +0000
End at: Fri, 23 Jun 2017 20:04:59 +0000
Local clock offset: 3.611 ms
Remote clock offset: -1.773 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.634 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 24.634 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

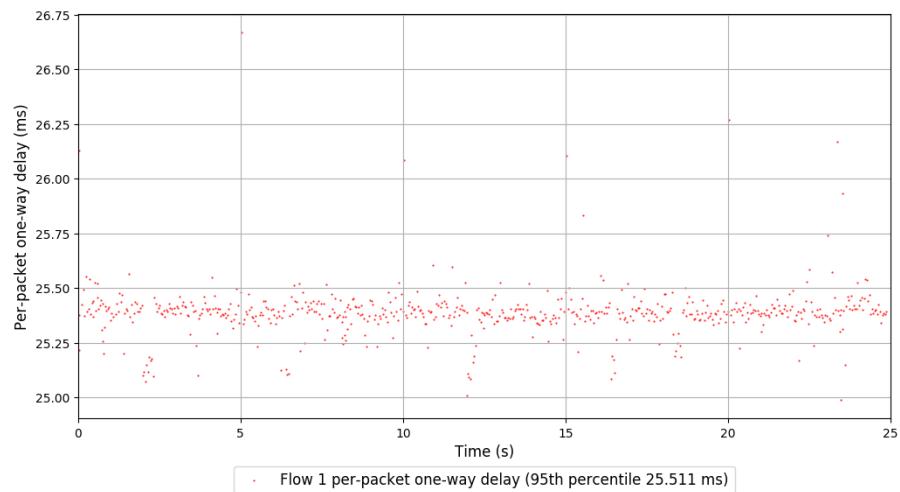
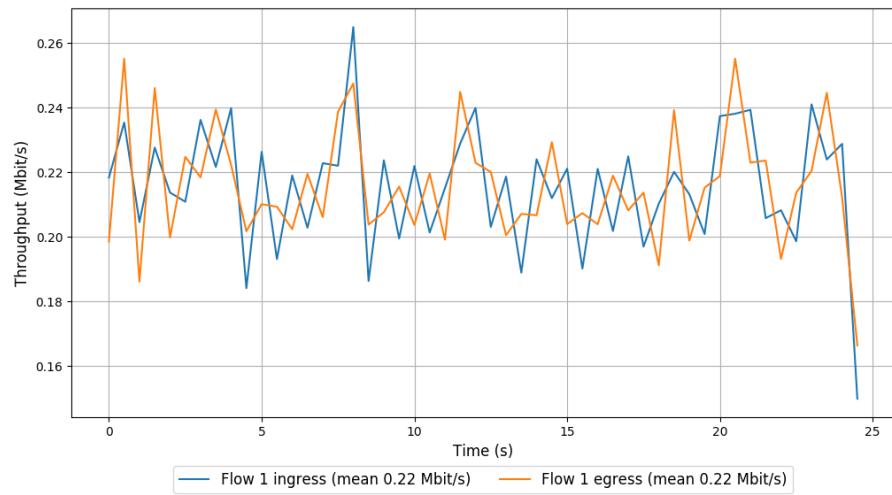


Run 10: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 20:24:32 +0000
End at: Fri, 23 Jun 2017 20:25:02 +0000
Local clock offset: 4.483 ms
Remote clock offset: -1.878 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.511 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.511 ms
Loss rate: 0.00%
```

## Run 10: Report of SCReAM — Data Link

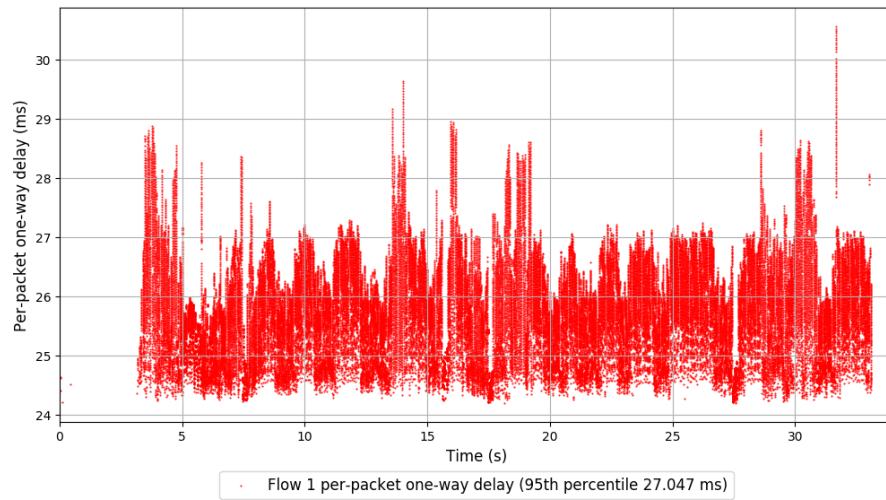
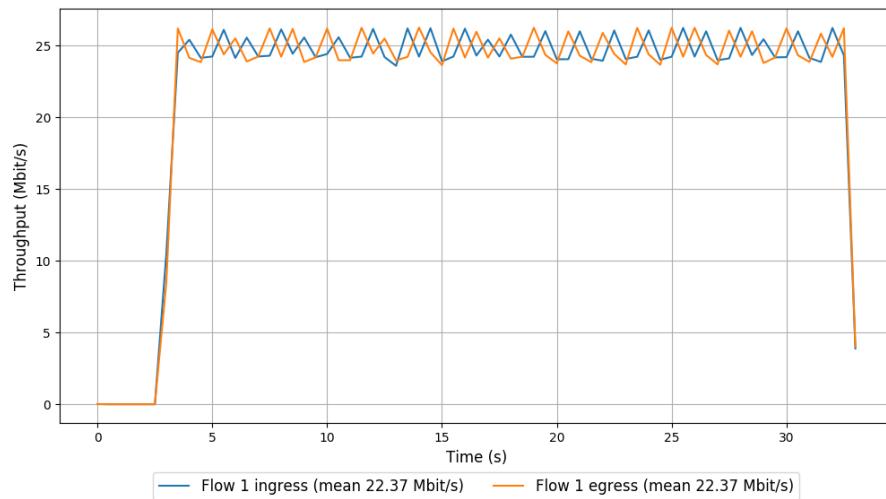


Run 1: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 17:17:57 +0000
End at: Fri, 23 Jun 2017 17:18:27 +0000
Local clock offset: 2.645 ms
Remote clock offset: -2.913 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 27.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 27.047 ms
Loss rate: 0.00%
```

## Run 1: Report of Sprout — Data Link

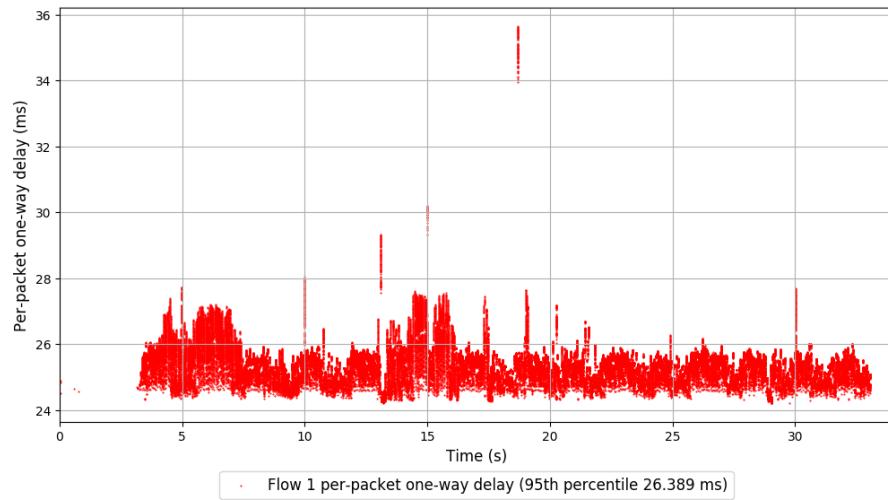
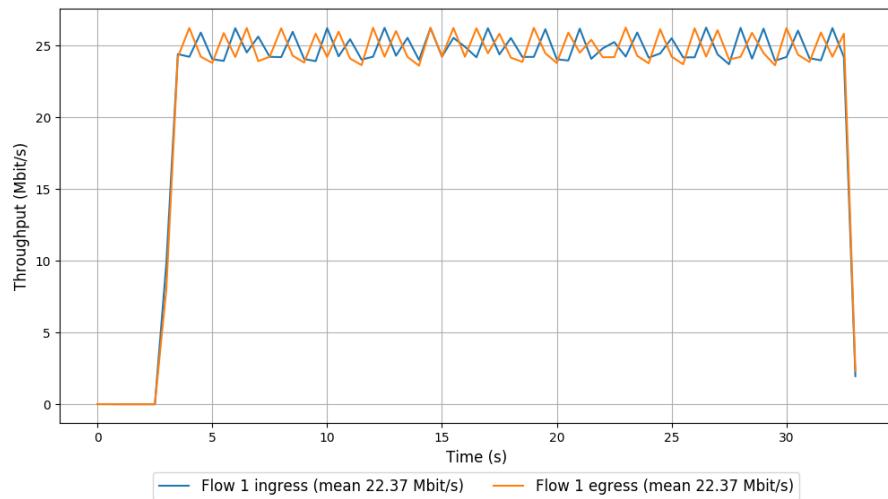


Run 2: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 17:37:44 +0000
End at: Fri, 23 Jun 2017 17:38:14 +0000
Local clock offset: 2.694 ms
Remote clock offset: -2.813 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 26.389 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 26.389 ms
Loss rate: 0.02%
```

## Run 2: Report of Sprout — Data Link

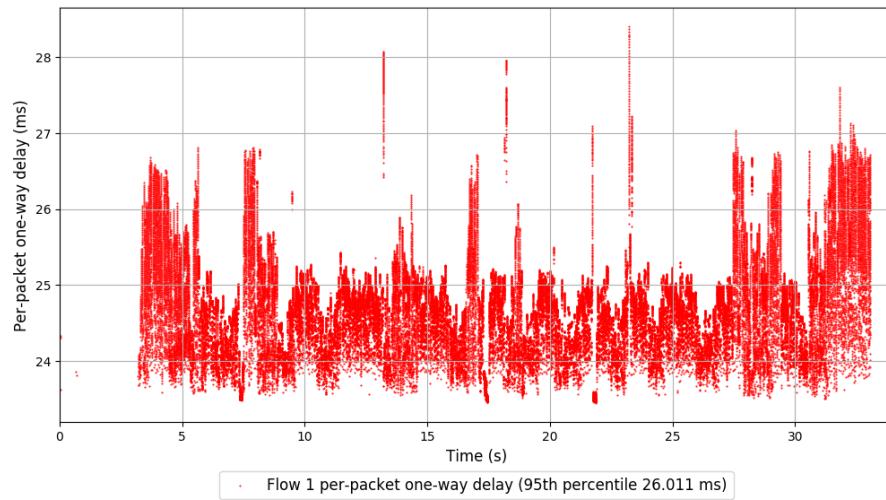
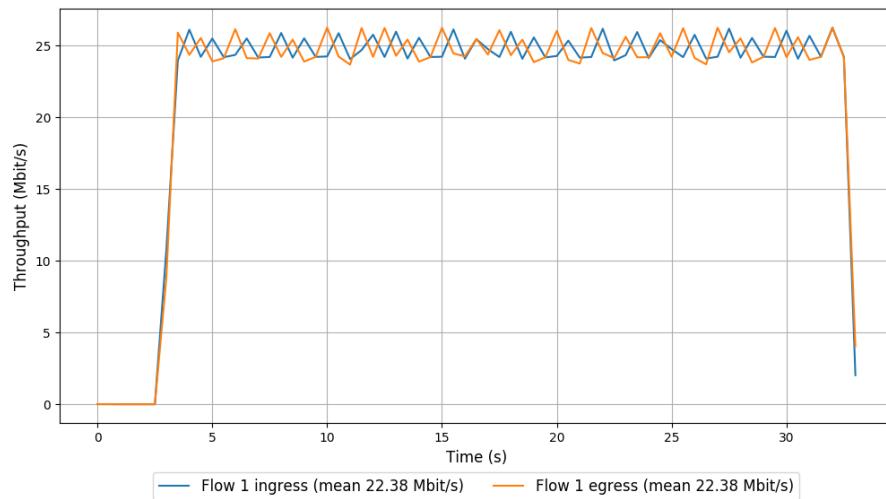


Run 3: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 17:57:32 +0000
End at: Fri, 23 Jun 2017 17:58:02 +0000
Local clock offset: 2.328 ms
Remote clock offset: -2.563 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 26.011 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 26.011 ms
Loss rate: 0.01%
```

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

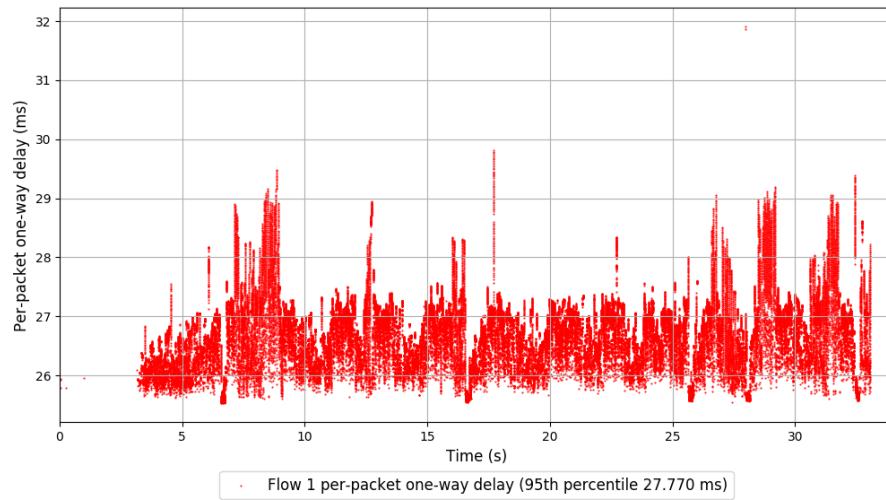
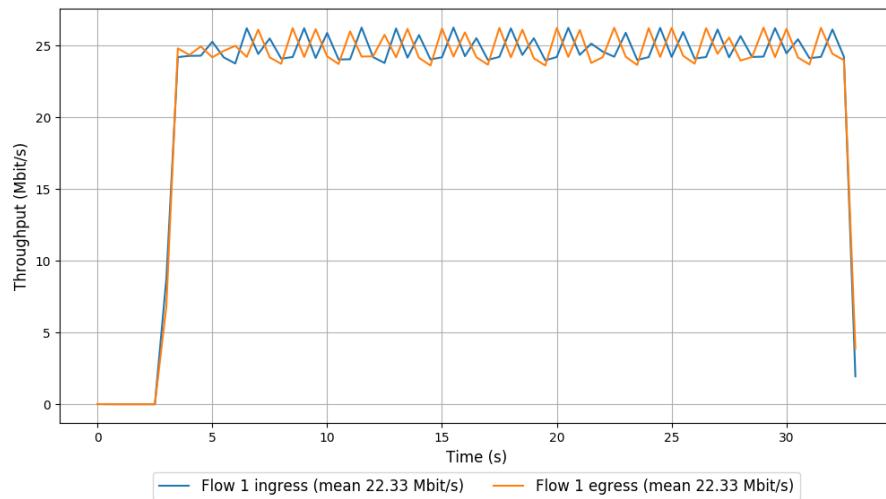


Run 4: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 18:17:23 +0000
End at: Fri, 23 Jun 2017 18:17:53 +0000
Local clock offset: 4.585 ms
Remote clock offset: -2.23 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 27.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 27.770 ms
Loss rate: 0.00%
```

## Run 4: Report of Sprout — Data Link

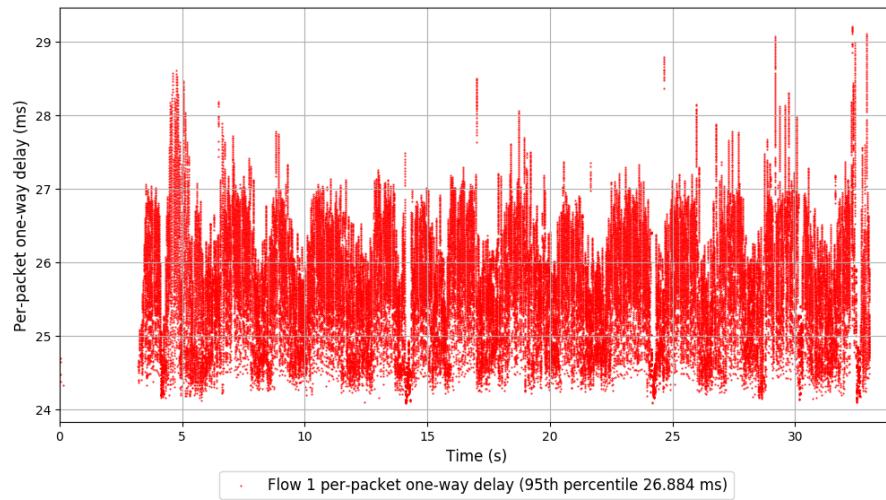
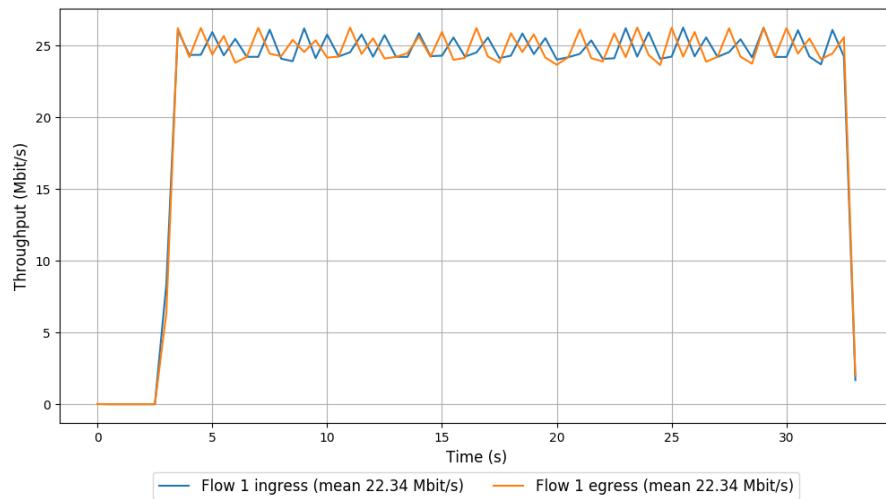


Run 5: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 18:37:15 +0000
End at: Fri, 23 Jun 2017 18:37:45 +0000
Local clock offset: 3.359 ms
Remote clock offset: -1.909 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 26.884 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.34 Mbit/s
95th percentile per-packet one-way delay: 26.884 ms
Loss rate: 0.00%
```

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

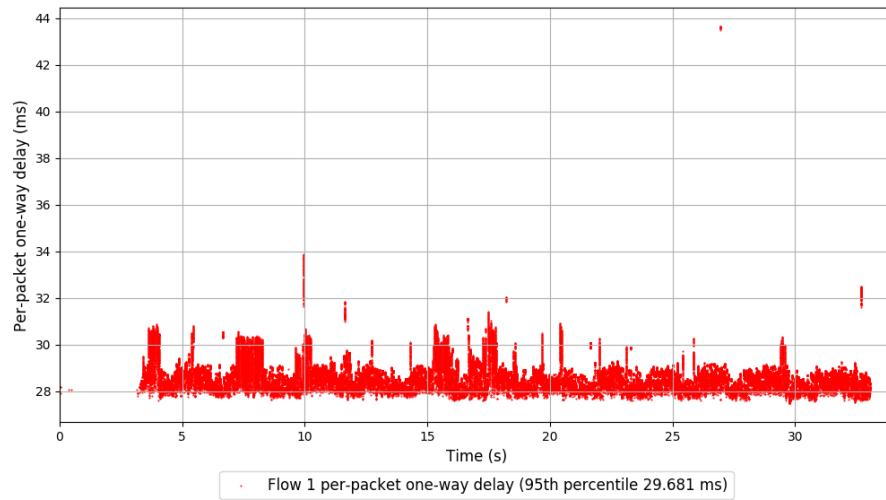
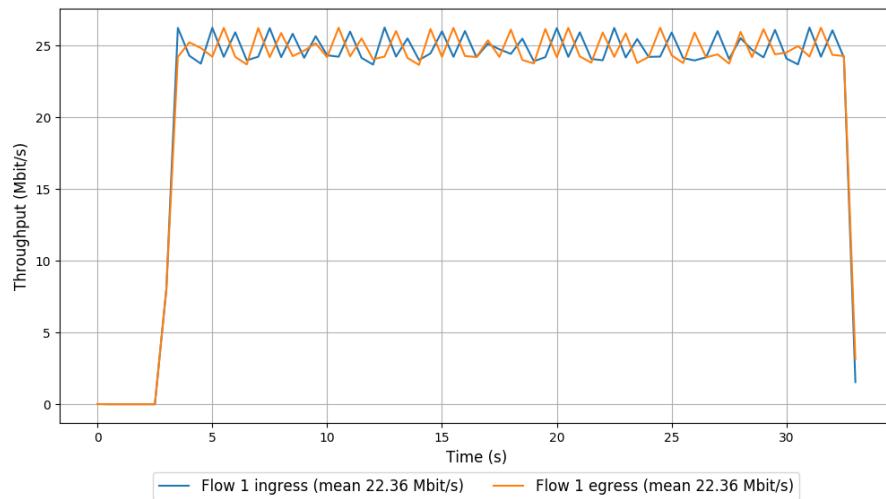


Run 6: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 18:56:53 +0000
End at: Fri, 23 Jun 2017 18:57:23 +0000
Local clock offset: 7.022 ms
Remote clock offset: -1.928 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:13:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 29.681 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 29.681 ms
Loss rate: 0.00%
```

## Run 6: Report of Sprout — Data Link

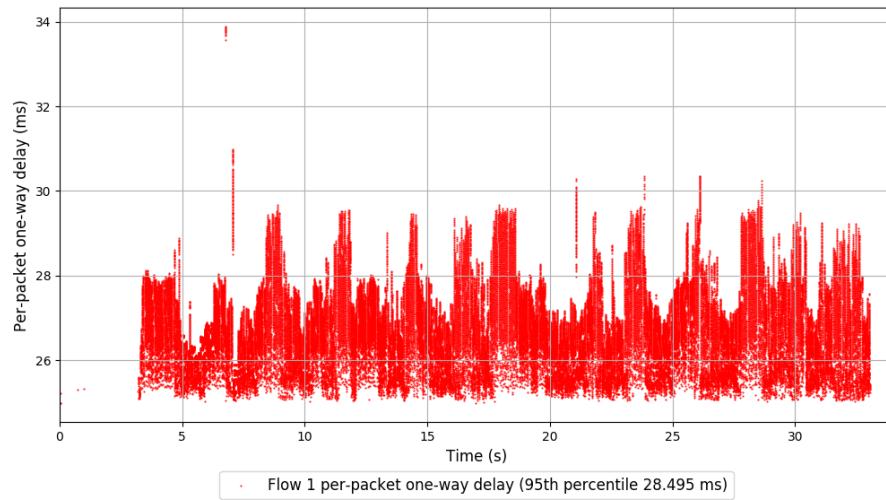
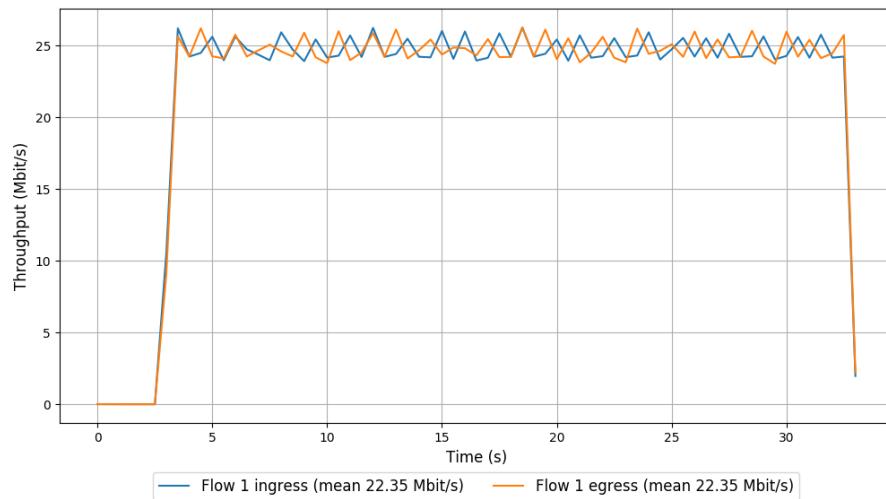


Run 7: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 19:16:35 +0000
End at: Fri, 23 Jun 2017 19:17:05 +0000
Local clock offset: 4.233 ms
Remote clock offset: -1.834 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:14:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 28.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.35 Mbit/s
95th percentile per-packet one-way delay: 28.495 ms
Loss rate: 0.00%
```

## Run 7: Report of Sprout — Data Link

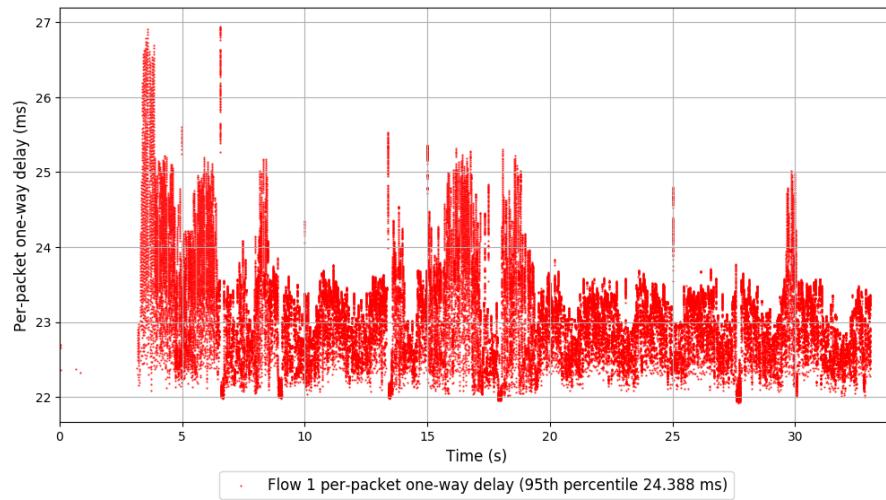
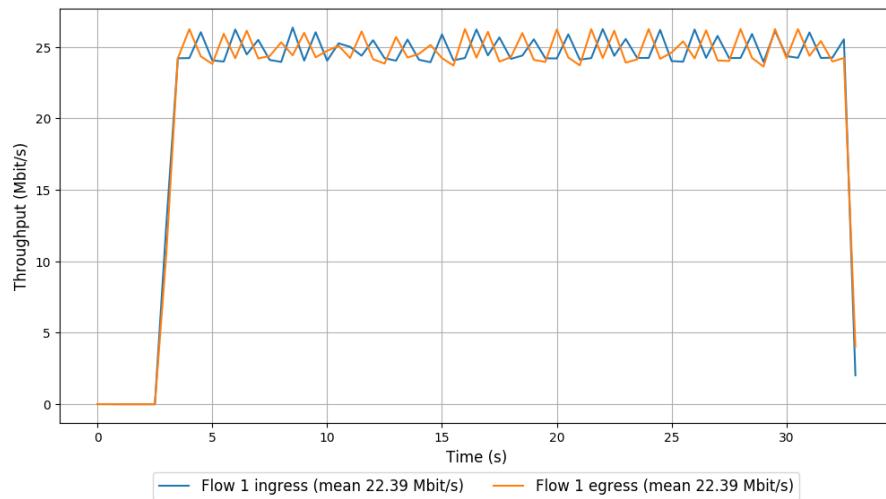


Run 8: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 19:36:30 +0000
End at: Fri, 23 Jun 2017 19:37:00 +0000
Local clock offset: 1.779 ms
Remote clock offset: -1.567 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:14:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 24.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 24.388 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

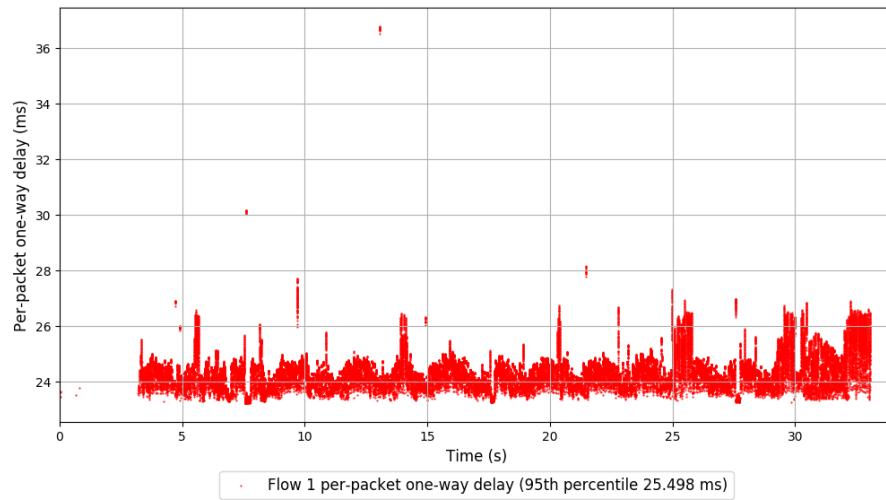
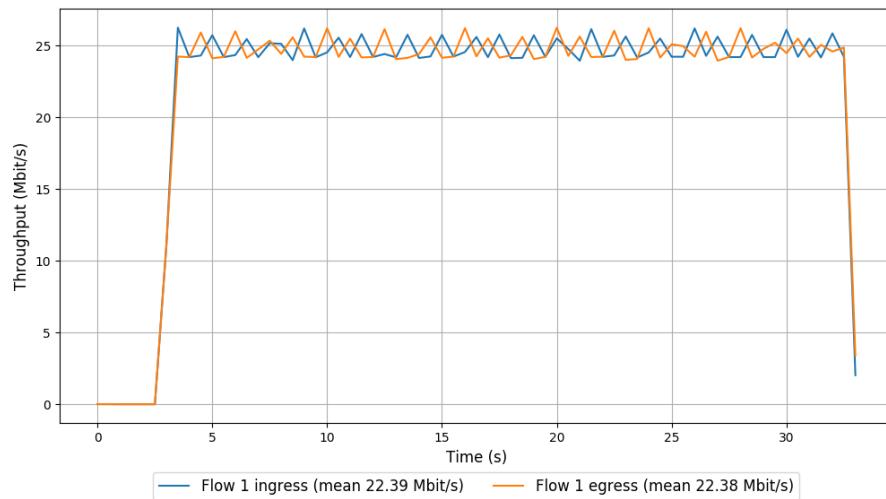


Run 9: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 19:56:40 +0000
End at: Fri, 23 Jun 2017 19:57:10 +0000
Local clock offset: 2.593 ms
Remote clock offset: -1.72 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:14:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 25.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 25.498 ms
Loss rate: 0.00%
```

## Run 9: Report of Sprout — Data Link

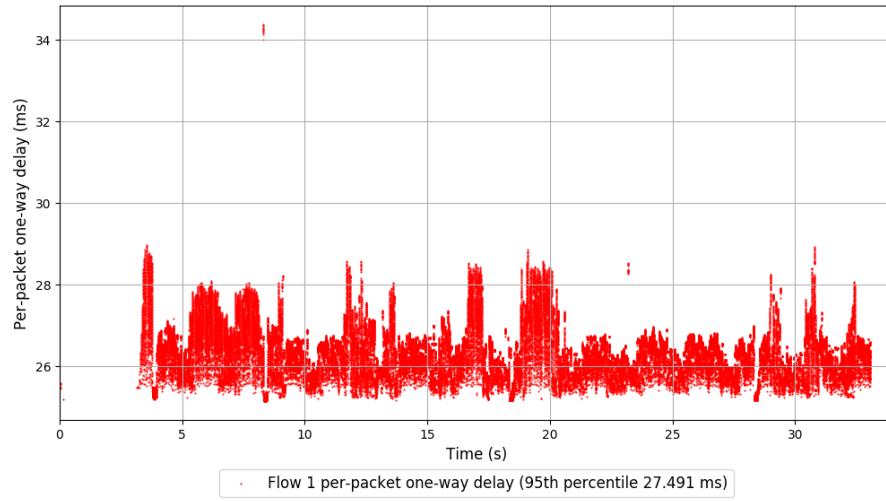
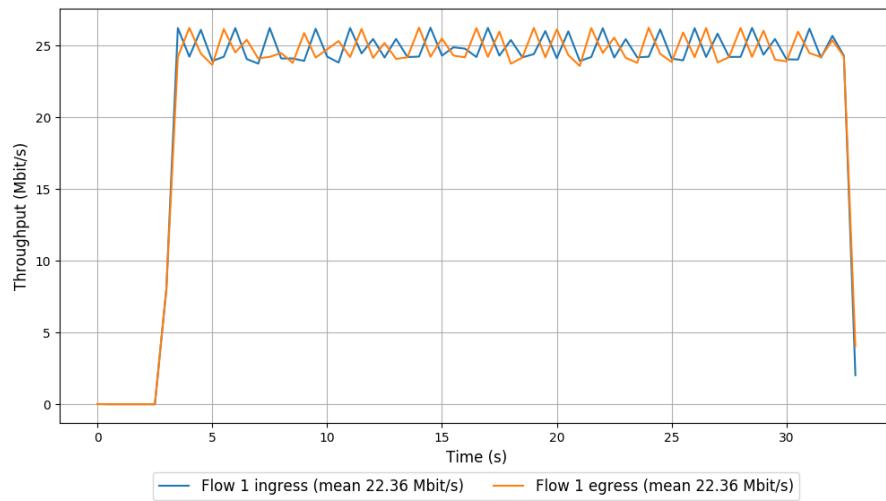


Run 10: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 20:16:29 +0000
End at: Fri, 23 Jun 2017 20:16:59 +0000
Local clock offset: 4.456 ms
Remote clock offset: -2.039 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:14:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 27.491 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 27.491 ms
Loss rate: 0.00%
```

## Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 17:26:55 +0000

End at: Fri, 23 Jun 2017 17:27:25 +0000

Local clock offset: 2.563 ms

Remote clock offset: -2.833 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:14:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 204.53 Mbit/s

95th percentile per-packet one-way delay: 24.356 ms

Loss rate: 0.09%

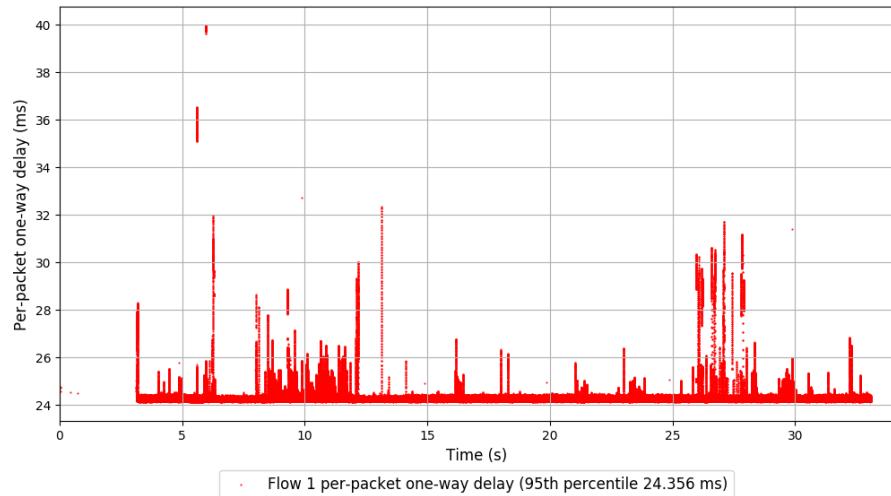
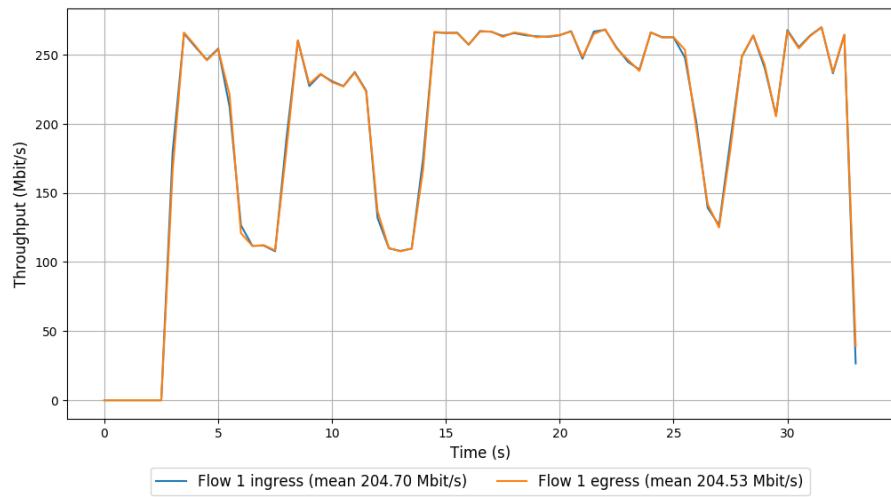
-- Flow 1:

Average throughput: 204.53 Mbit/s

95th percentile per-packet one-way delay: 24.356 ms

Loss rate: 0.09%

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



Run 2: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 17:46:42 +0000

End at: Fri, 23 Jun 2017 17:47:12 +0000

Local clock offset: 2.361 ms

Remote clock offset: -2.806 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:14:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 175.02 Mbit/s

95th percentile per-packet one-way delay: 24.129 ms

Loss rate: 0.28%

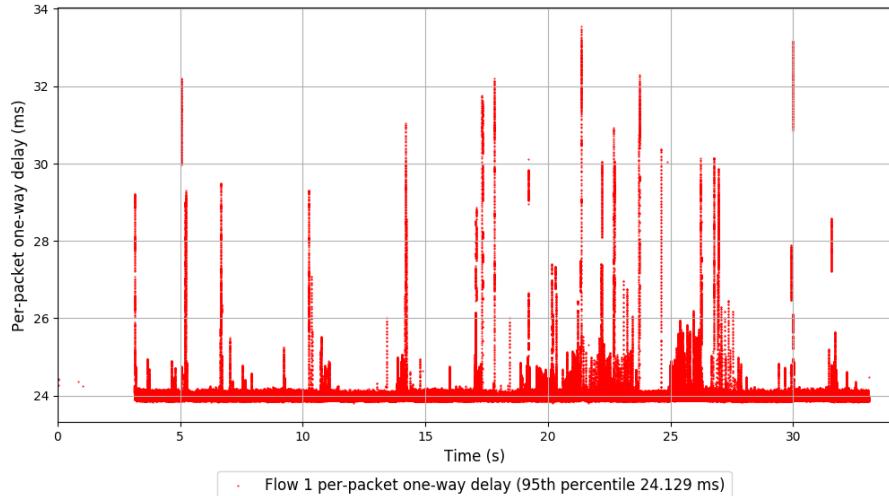
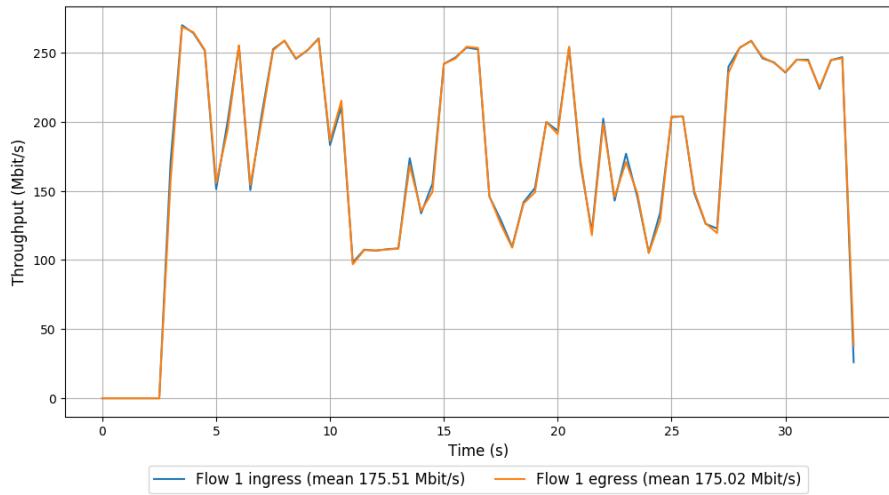
-- Flow 1:

Average throughput: 175.02 Mbit/s

95th percentile per-packet one-way delay: 24.129 ms

Loss rate: 0.28%

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

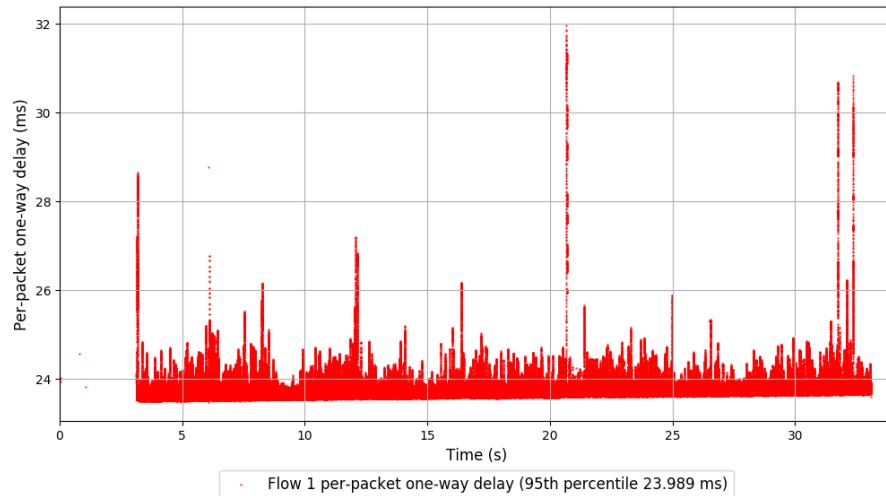
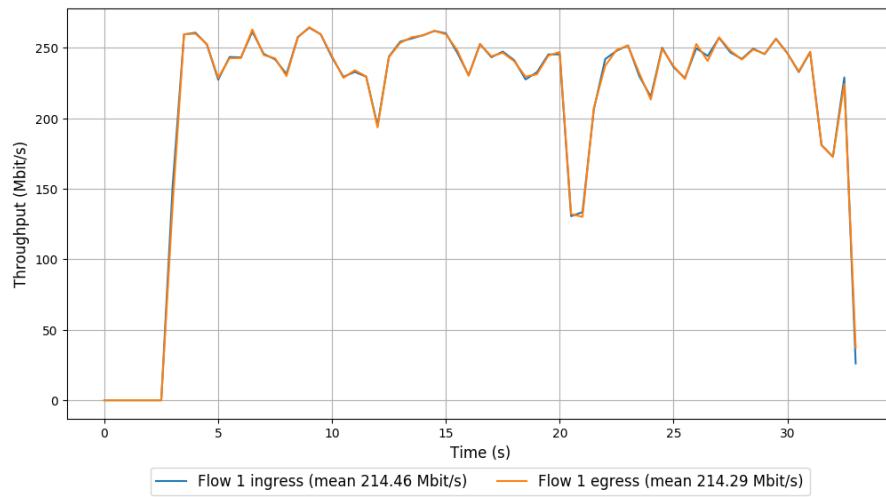


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 18:06:27 +0000
End at: Fri, 23 Jun 2017 18:06:57 +0000
Local clock offset: 2.261 ms
Remote clock offset: -2.533 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:15:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 214.29 Mbit/s
95th percentile per-packet one-way delay: 23.989 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 214.29 Mbit/s
95th percentile per-packet one-way delay: 23.989 ms
Loss rate: 0.08%
```

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

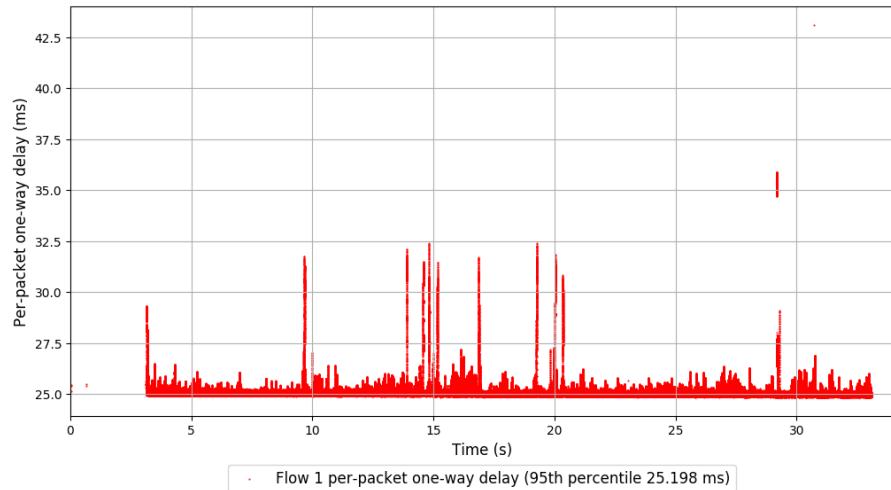
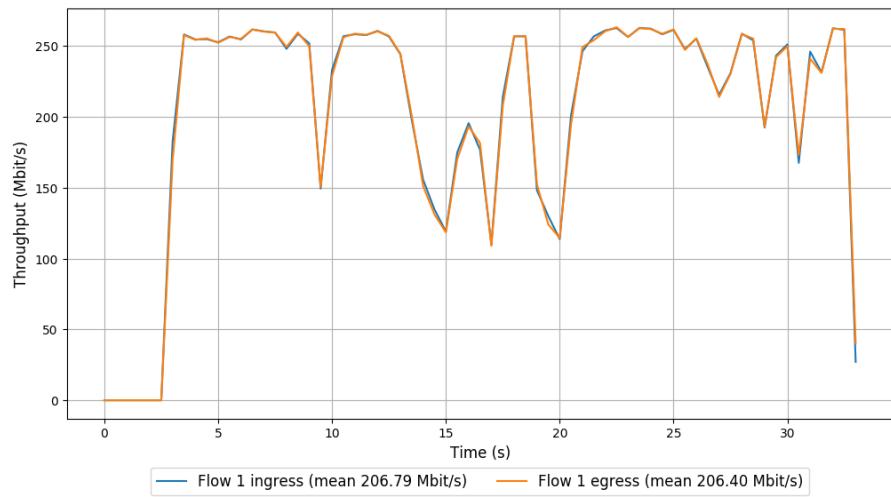


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 18:26:23 +0000
End at: Fri, 23 Jun 2017 18:26:53 +0000
Local clock offset: 4.288 ms
Remote clock offset: -1.988 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:15:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 206.40 Mbit/s
95th percentile per-packet one-way delay: 25.198 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 206.40 Mbit/s
95th percentile per-packet one-way delay: 25.198 ms
Loss rate: 0.19%
```

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

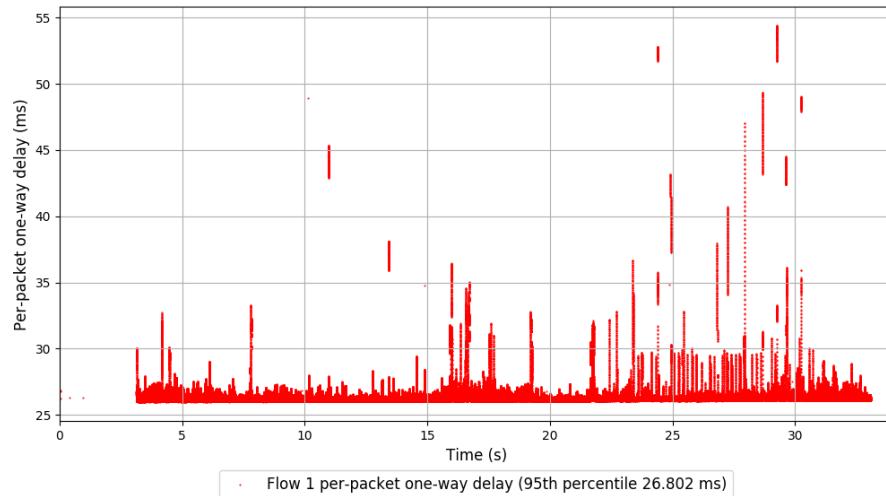
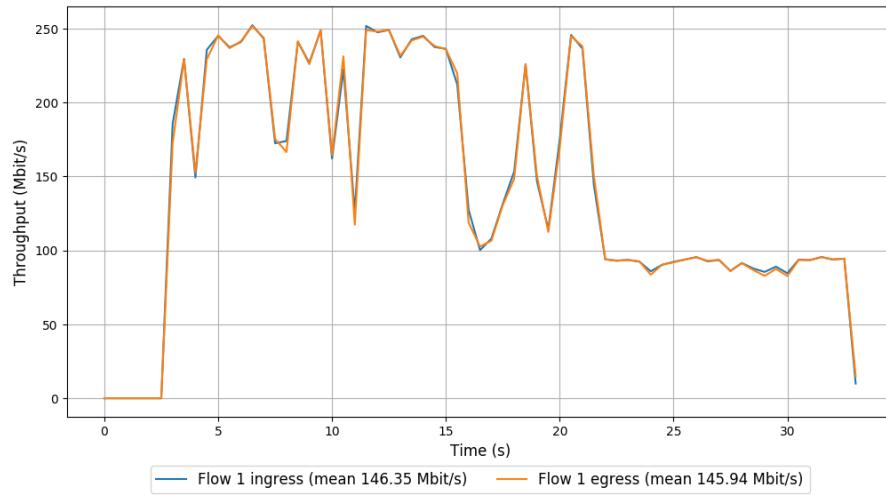


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 18:46:08 +0000
End at: Fri, 23 Jun 2017 18:46:38 +0000
Local clock offset: 5.168 ms
Remote clock offset: -2.006 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:16:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 145.94 Mbit/s
95th percentile per-packet one-way delay: 26.802 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 145.94 Mbit/s
95th percentile per-packet one-way delay: 26.802 ms
Loss rate: 0.29%
```

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

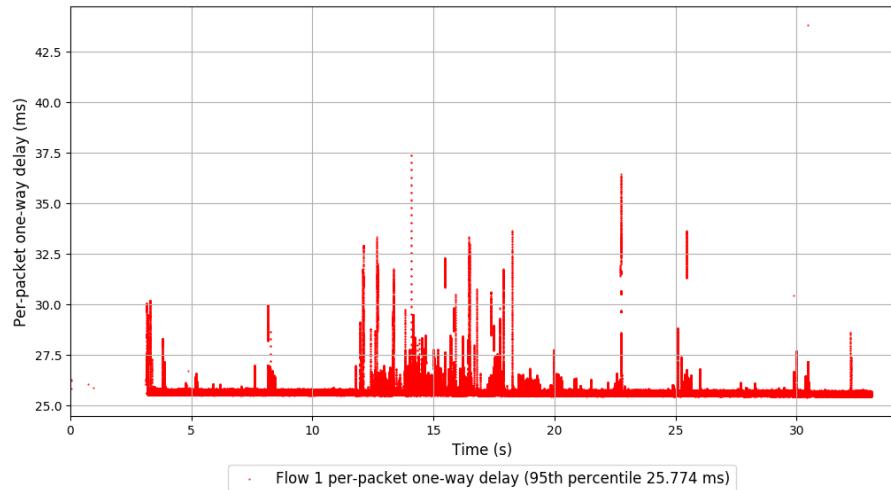
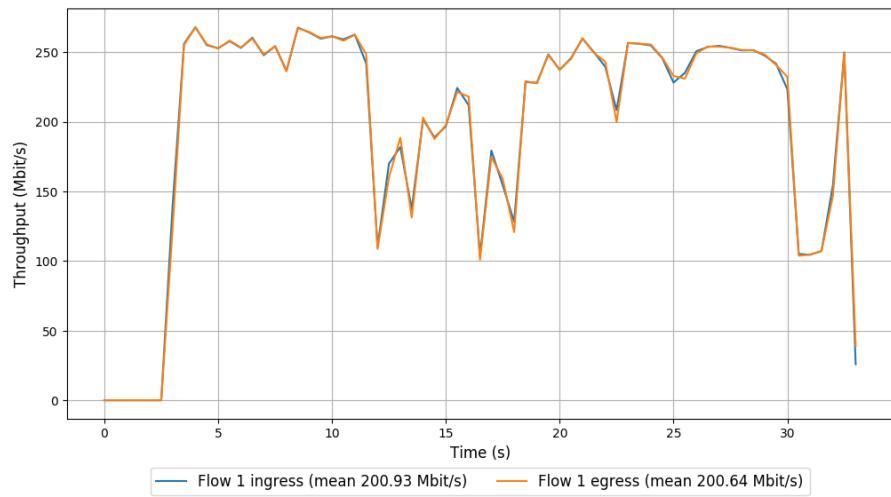


Run 6: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 19:05:51 +0000
End at: Fri, 23 Jun 2017 19:06:21 +0000
Local clock offset: 5.022 ms
Remote clock offset: -1.879 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:16:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 200.64 Mbit/s
95th percentile per-packet one-way delay: 25.774 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 200.64 Mbit/s
95th percentile per-packet one-way delay: 25.774 ms
Loss rate: 0.15%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 19:25:33 +0000

End at: Fri, 23 Jun 2017 19:26:03 +0000

Local clock offset: 2.776 ms

Remote clock offset: -1.76 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:17:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 200.76 Mbit/s

95th percentile per-packet one-way delay: 23.513 ms

Loss rate: 0.32%

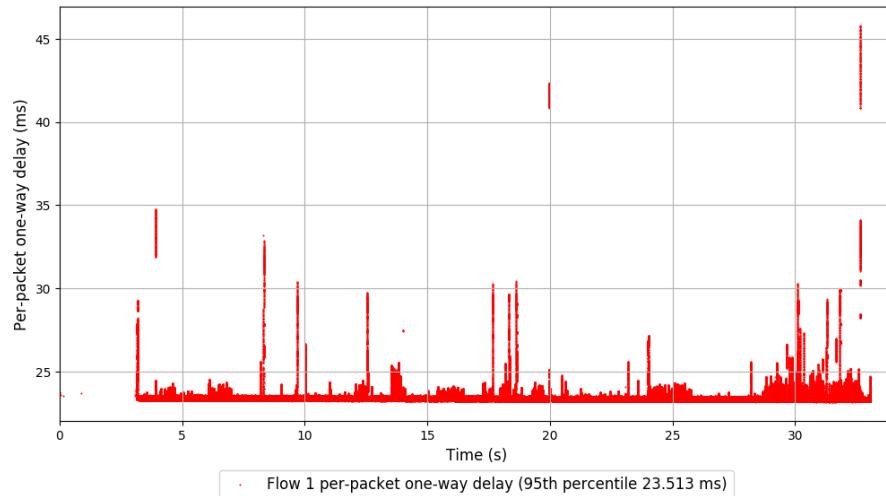
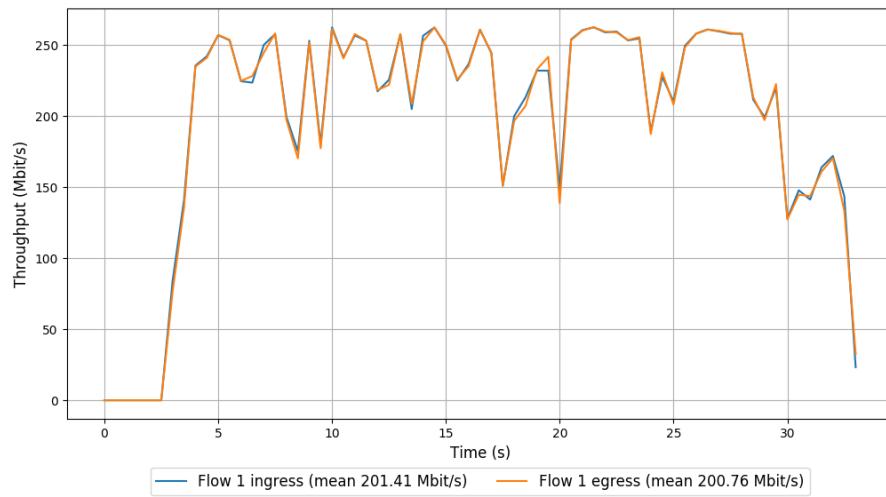
-- Flow 1:

Average throughput: 200.76 Mbit/s

95th percentile per-packet one-way delay: 23.513 ms

Loss rate: 0.32%

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

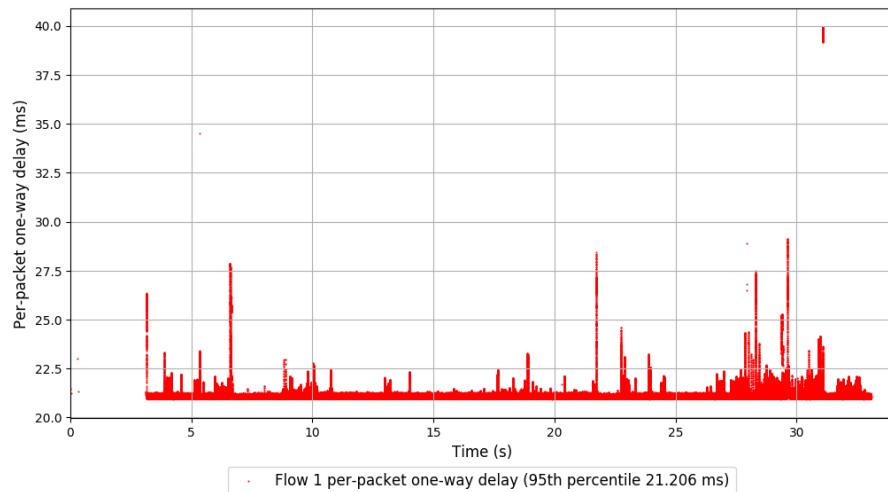
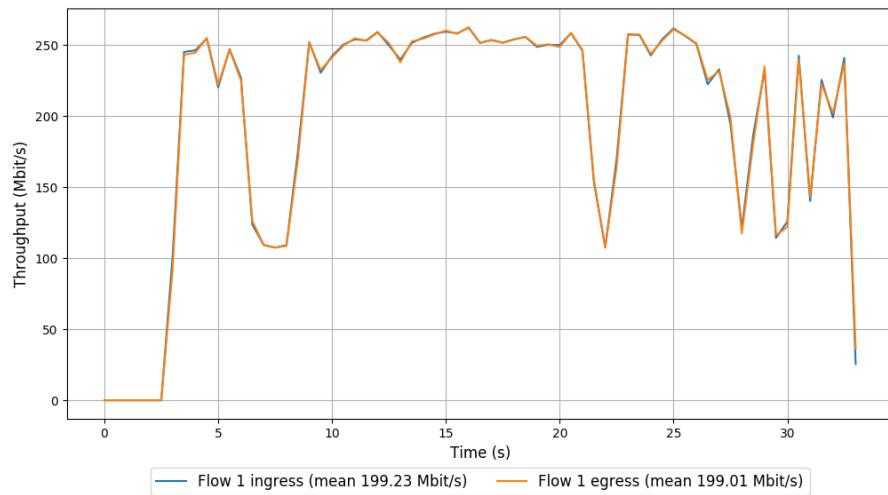


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 19:45:35 +0000
End at: Fri, 23 Jun 2017 19:46:05 +0000
Local clock offset: 0.65 ms
Remote clock offset: -1.652 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:17:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 199.01 Mbit/s
95th percentile per-packet one-way delay: 21.206 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 199.01 Mbit/s
95th percentile per-packet one-way delay: 21.206 ms
Loss rate: 0.11%
```

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

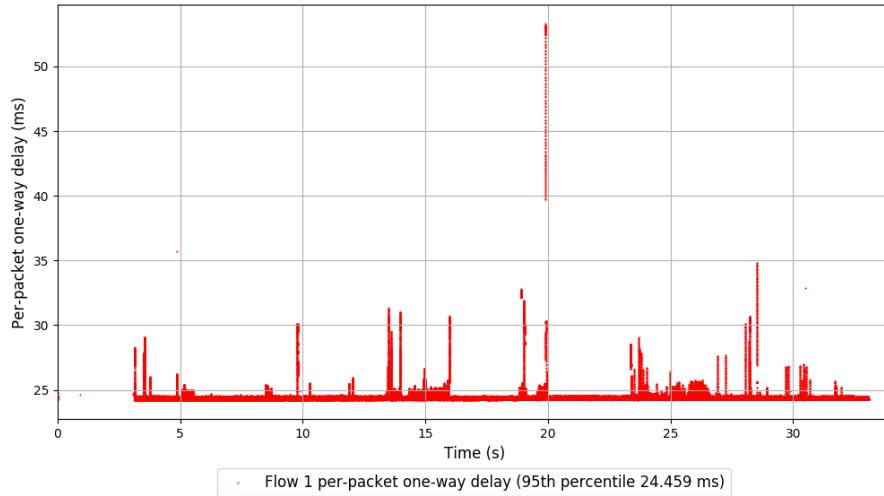
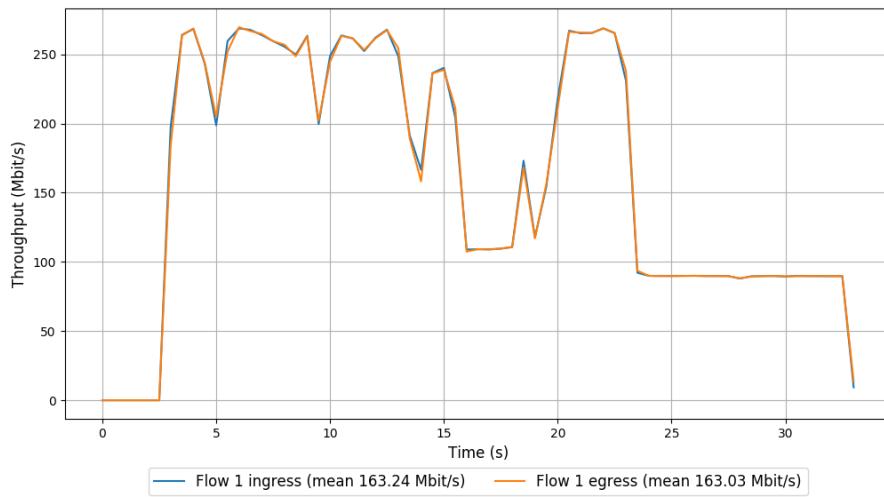


Run 9: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 20:05:39 +0000
End at: Fri, 23 Jun 2017 20:06:09 +0000
Local clock offset: 3.617 ms
Remote clock offset: -1.852 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:18:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 163.03 Mbit/s
95th percentile per-packet one-way delay: 24.459 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 163.03 Mbit/s
95th percentile per-packet one-way delay: 24.459 ms
Loss rate: 0.14%
```

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

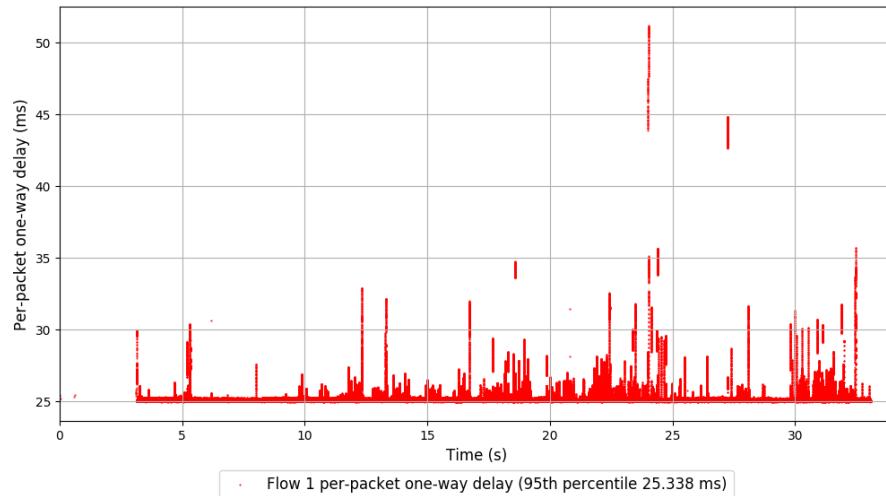
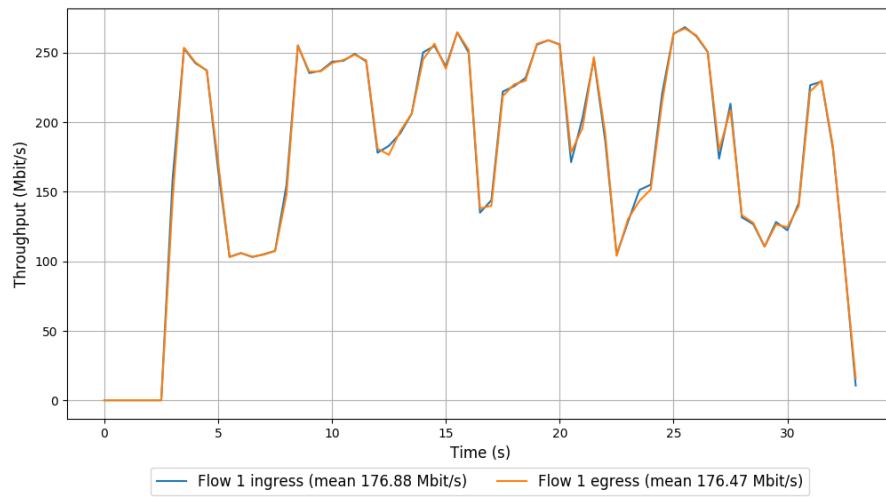


Run 10: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 20:25:42 +0000
End at: Fri, 23 Jun 2017 20:26:12 +0000
Local clock offset: 4.287 ms
Remote clock offset: -1.916 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:18:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 176.47 Mbit/s
95th percentile per-packet one-way delay: 25.338 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 176.47 Mbit/s
95th percentile per-packet one-way delay: 25.338 ms
Loss rate: 0.25%
```

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

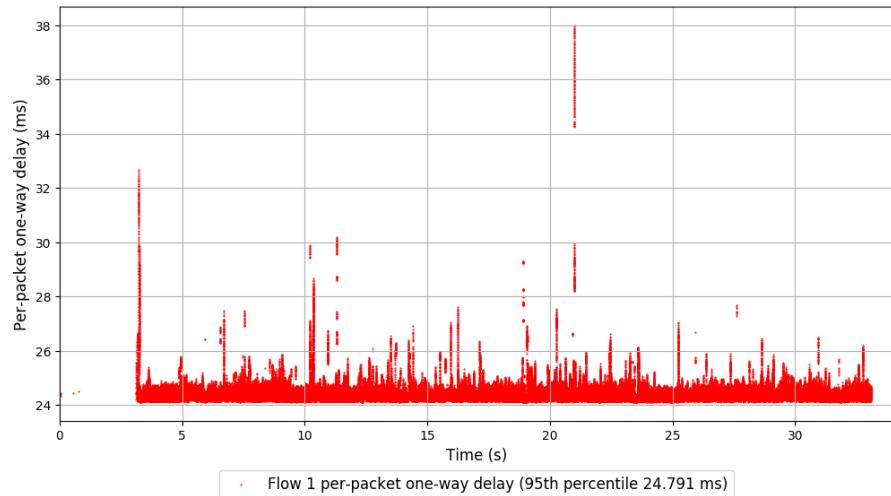
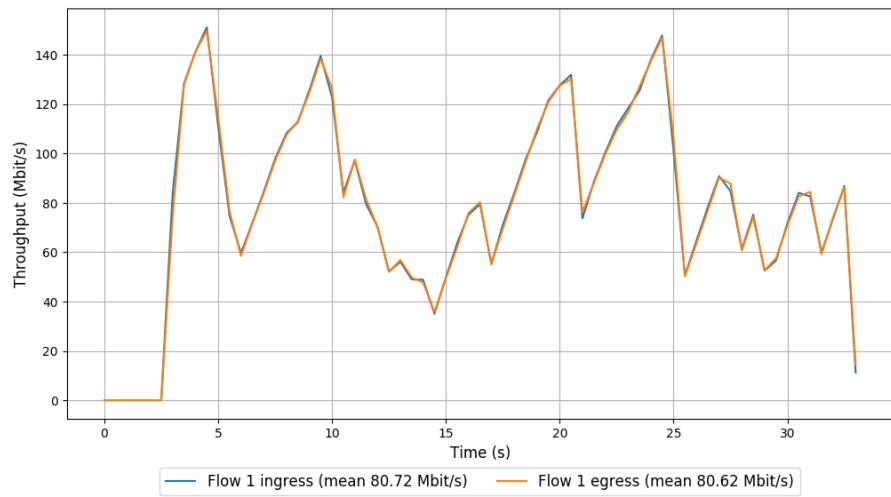


Run 1: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 17:22:56 +0000
End at: Fri, 23 Jun 2017 17:23:26 +0000
Local clock offset: 2.552 ms
Remote clock offset: -2.847 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:18:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.62 Mbit/s
95th percentile per-packet one-way delay: 24.791 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 80.62 Mbit/s
95th percentile per-packet one-way delay: 24.791 ms
Loss rate: 0.13%
```

Run 1: Report of TCP Vegas — Data Link

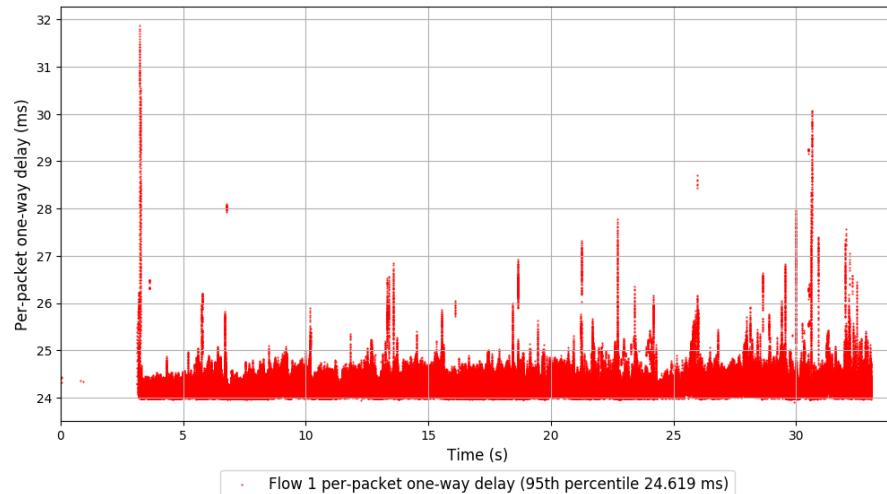
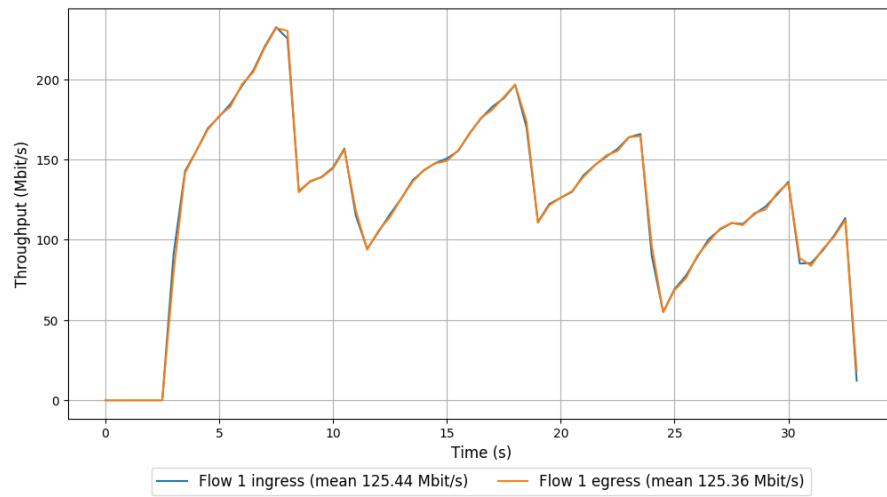


Run 2: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 17:42:41 +0000
End at: Fri, 23 Jun 2017 17:43:11 +0000
Local clock offset: 2.545 ms
Remote clock offset: -2.774 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:18:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 125.36 Mbit/s
95th percentile per-packet one-way delay: 24.619 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 125.36 Mbit/s
95th percentile per-packet one-way delay: 24.619 ms
Loss rate: 0.06%
```

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

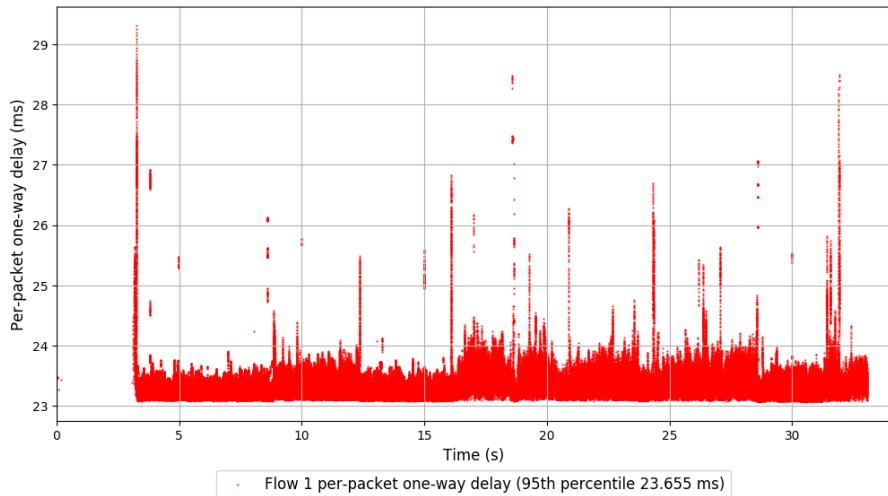
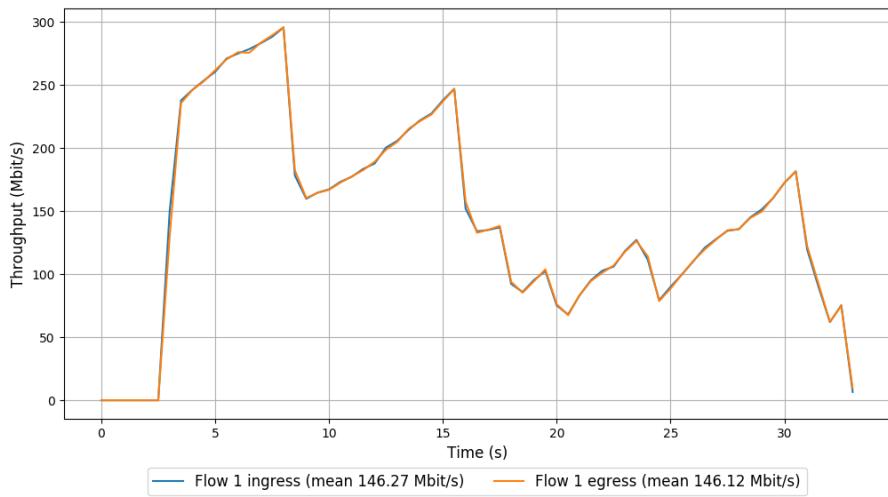


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 18:02:26 +0000
End at: Fri, 23 Jun 2017 18:02:56 +0000
Local clock offset: 1.841 ms
Remote clock offset: -2.461 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:18:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 146.12 Mbit/s
95th percentile per-packet one-way delay: 23.655 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 146.12 Mbit/s
95th percentile per-packet one-way delay: 23.655 ms
Loss rate: 0.12%
```

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

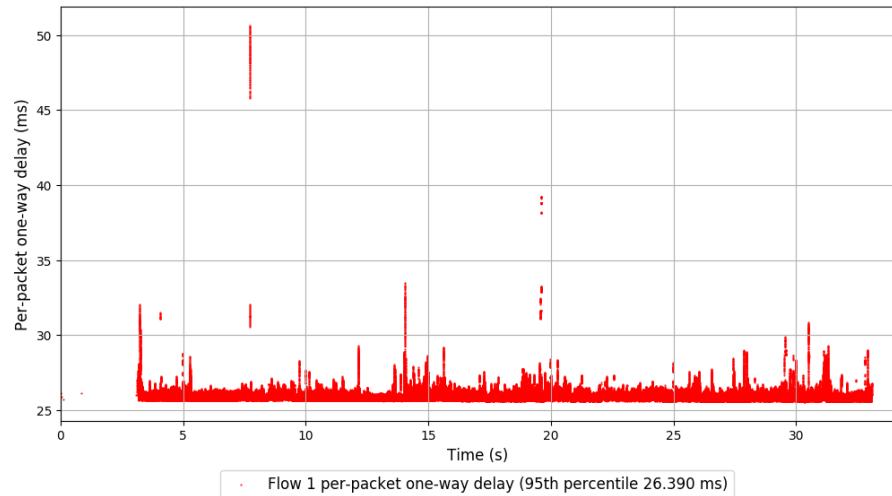
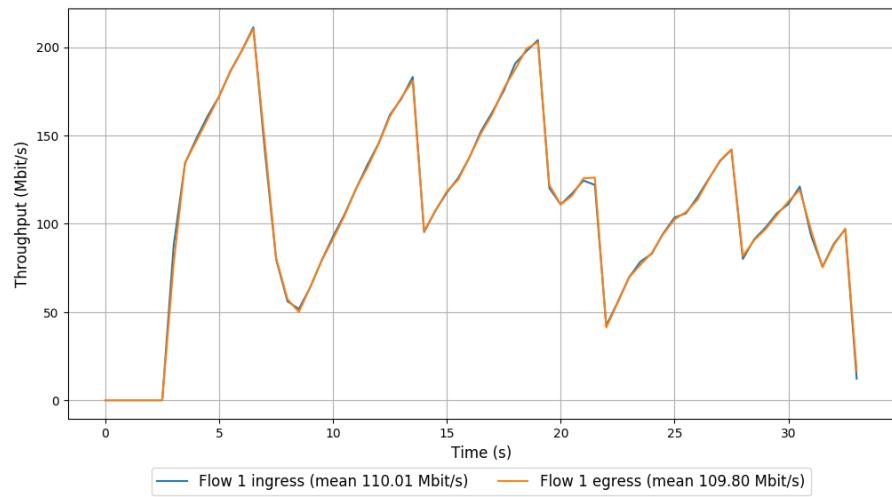


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 18:22:25 +0000
End at: Fri, 23 Jun 2017 18:22:55 +0000
Local clock offset: 4.955 ms
Remote clock offset: -2.091 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:18:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.80 Mbit/s
95th percentile per-packet one-way delay: 26.390 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 109.80 Mbit/s
95th percentile per-packet one-way delay: 26.390 ms
Loss rate: 0.19%
```

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

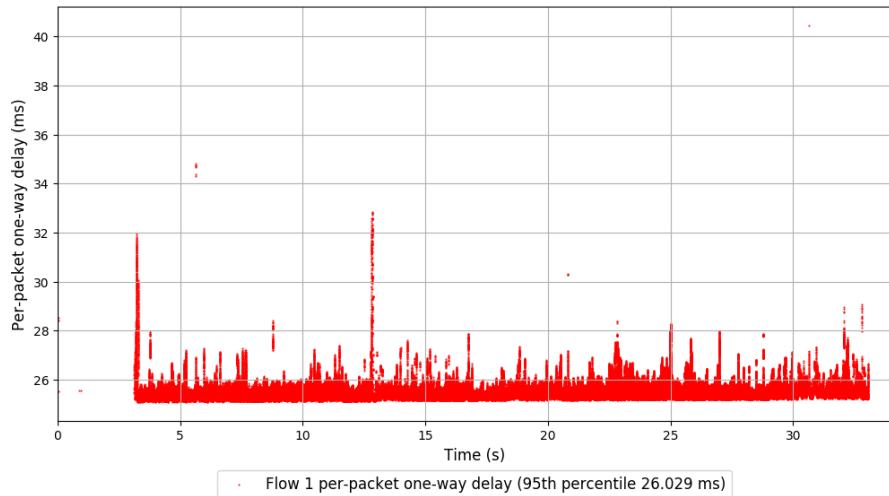
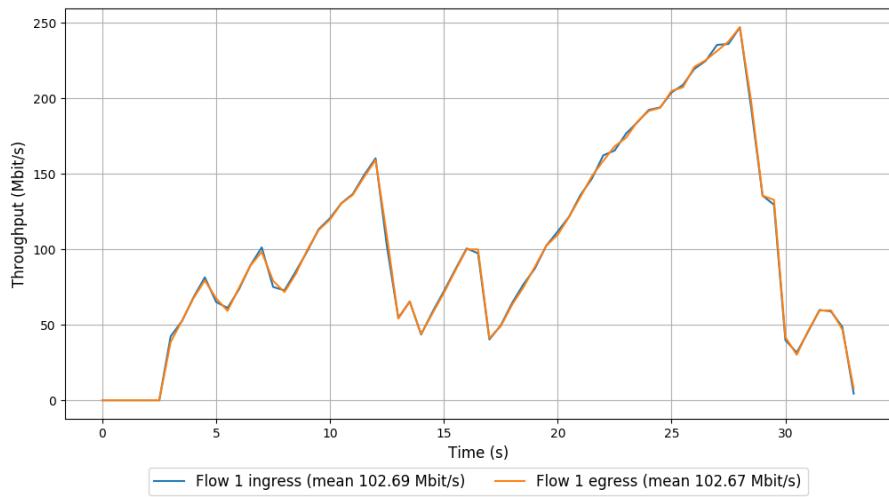


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 18:42:12 +0000
End at: Fri, 23 Jun 2017 18:42:42 +0000
Local clock offset: 4.141 ms
Remote clock offset: -2.045 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:19:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 102.67 Mbit/s
95th percentile per-packet one-way delay: 26.029 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 102.67 Mbit/s
95th percentile per-packet one-way delay: 26.029 ms
Loss rate: 0.03%
```

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

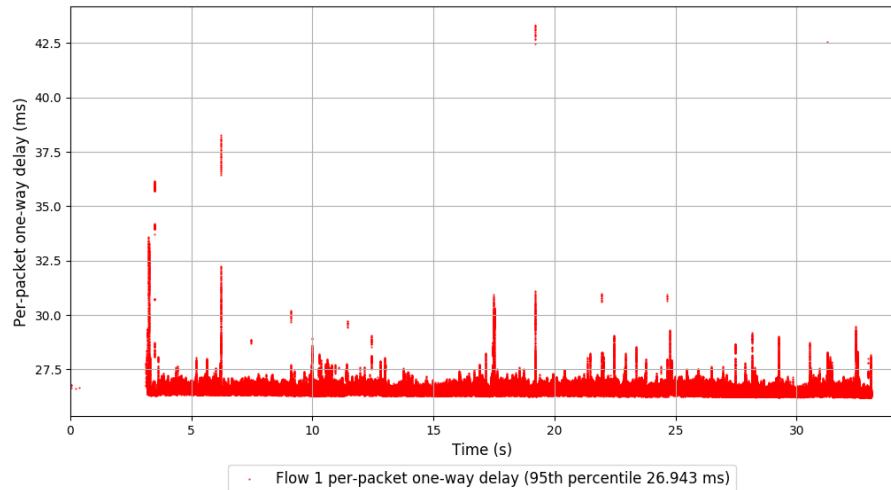
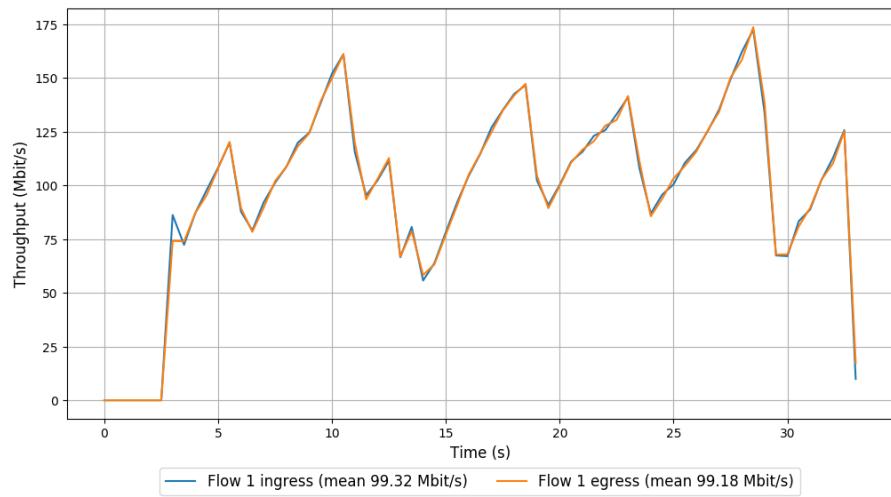


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 19:01:53 +0000
End at: Fri, 23 Jun 2017 19:02:23 +0000
Local clock offset: 5.887 ms
Remote clock offset: -1.948 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:19:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 99.18 Mbit/s
95th percentile per-packet one-way delay: 26.943 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 99.18 Mbit/s
95th percentile per-packet one-way delay: 26.943 ms
Loss rate: 0.16%
```

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



Run 7: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 19:21:33 +0000

End at: Fri, 23 Jun 2017 19:22:03 +0000

Local clock offset: 3.629 ms

Remote clock offset: -1.876 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:19:20 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 110.15 Mbit/s

95th percentile per-packet one-way delay: 24.662 ms

Loss rate: 0.12%

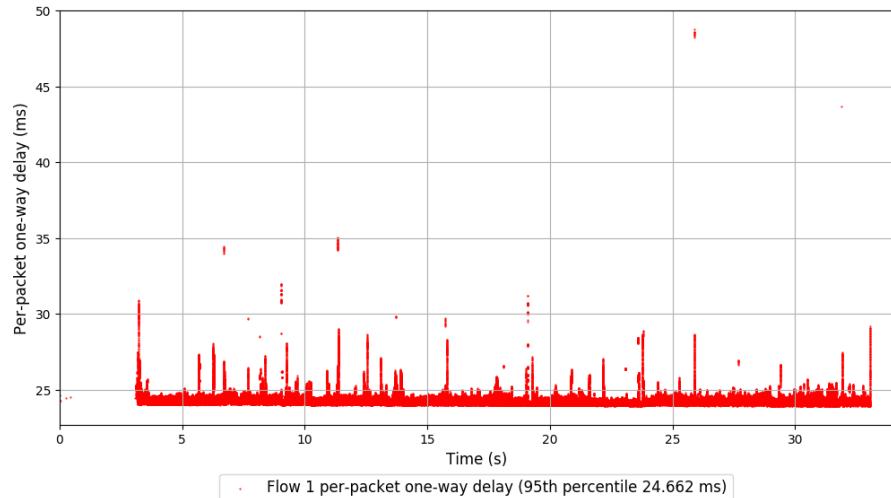
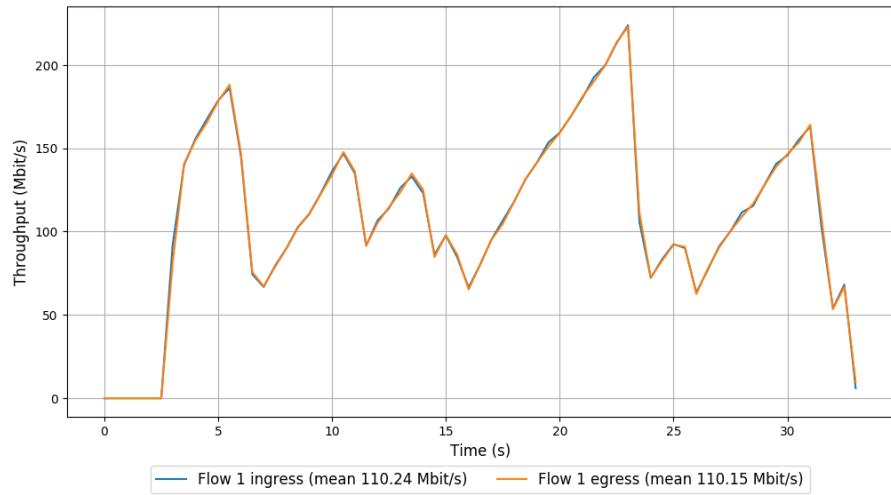
-- Flow 1:

Average throughput: 110.15 Mbit/s

95th percentile per-packet one-way delay: 24.662 ms

Loss rate: 0.12%

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

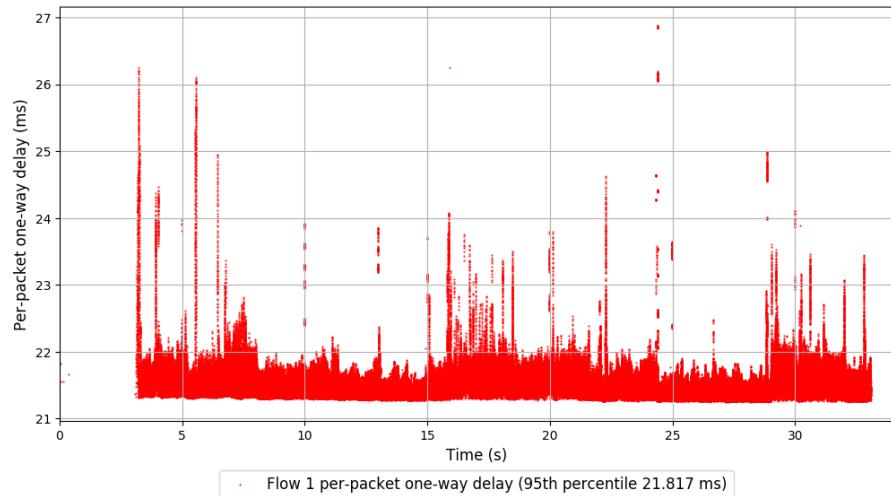
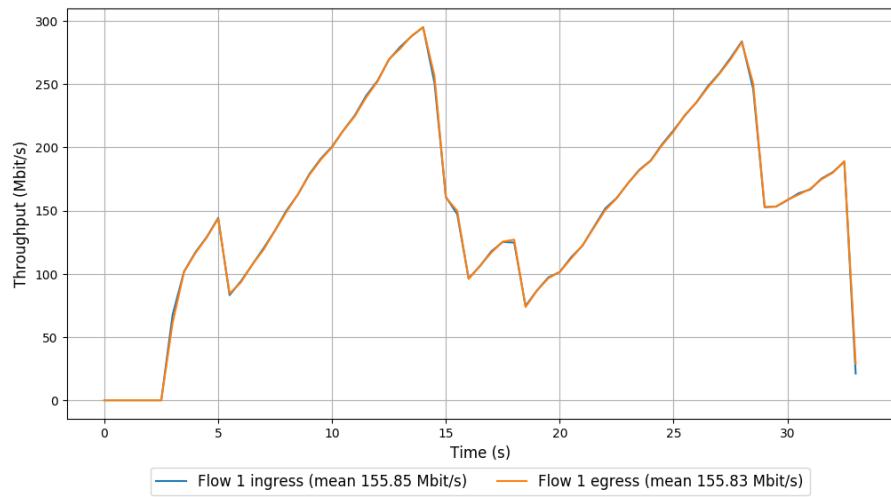


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 19:41:29 +0000
End at: Fri, 23 Jun 2017 19:41:59 +0000
Local clock offset: 1.12 ms
Remote clock offset: -1.55 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:19:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 155.83 Mbit/s
95th percentile per-packet one-way delay: 21.817 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 155.83 Mbit/s
95th percentile per-packet one-way delay: 21.817 ms
Loss rate: 0.04%
```

Run 8: Report of TCP Vegas — Data Link

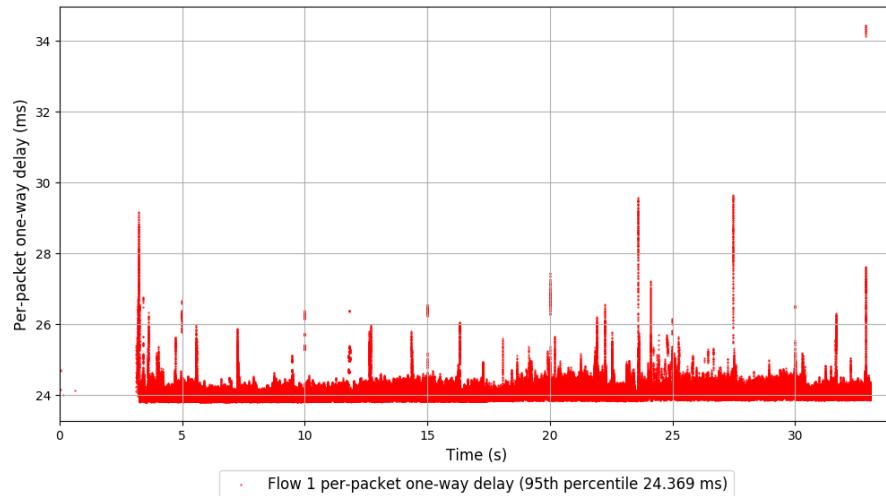
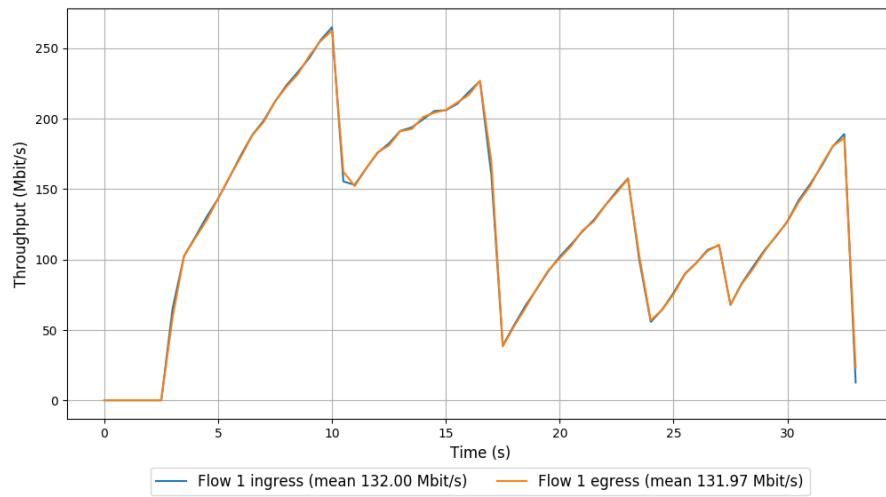


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:01:39 +0000
End at: Fri, 23 Jun 2017 20:02:09 +0000
Local clock offset: 3.344 ms
Remote clock offset: -1.79 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:19:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 131.97 Mbit/s
95th percentile per-packet one-way delay: 24.369 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 131.97 Mbit/s
95th percentile per-packet one-way delay: 24.369 ms
Loss rate: 0.06%
```

Run 9: Report of TCP Vegas — Data Link

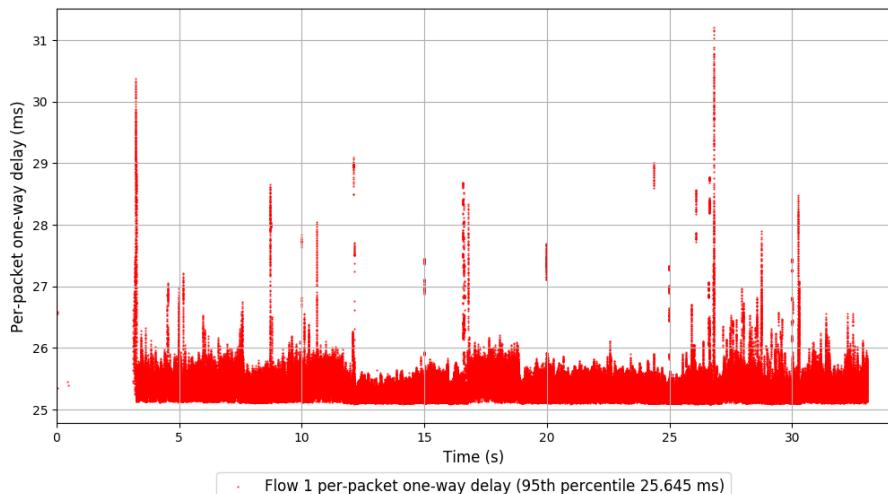
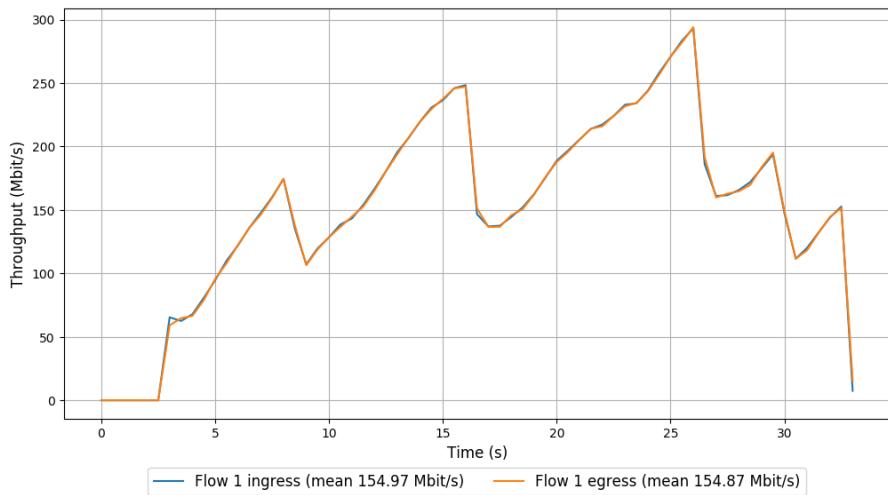


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:21:36 +0000
End at: Fri, 23 Jun 2017 20:22:06 +0000
Local clock offset: 4.535 ms
Remote clock offset: -1.957 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:19:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 154.87 Mbit/s
95th percentile per-packet one-way delay: 25.645 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 154.87 Mbit/s
95th percentile per-packet one-way delay: 25.645 ms
Loss rate: 0.06%
```

Run 10: Report of TCP Vegas — Data Link

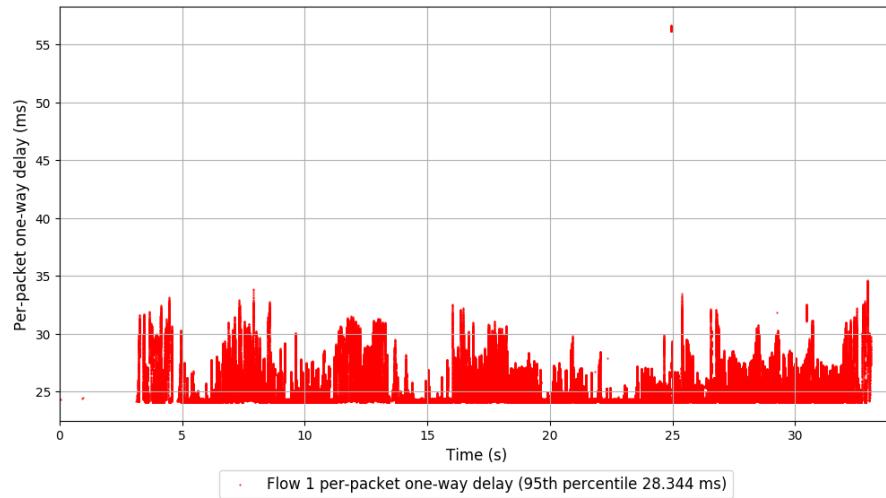
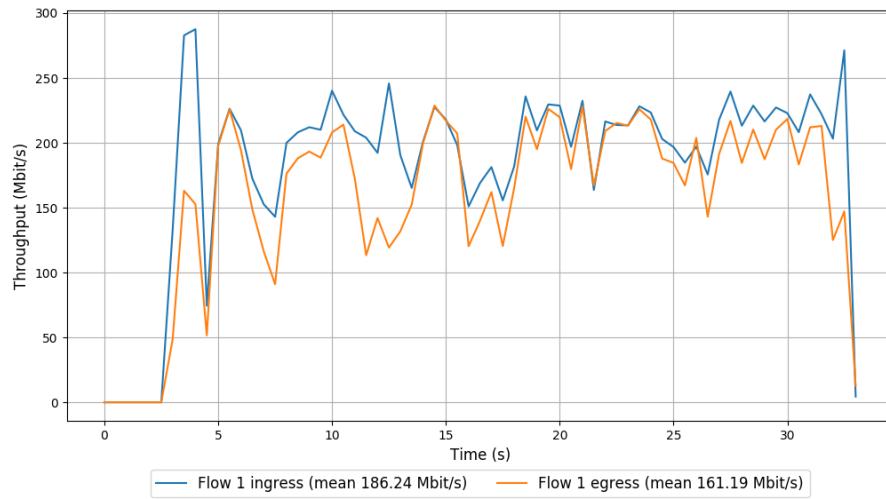


Run 1: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 17:21:35 +0000
End at: Fri, 23 Jun 2017 17:22:05 +0000
Local clock offset: 2.518 ms
Remote clock offset: -2.858 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:20:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 161.19 Mbit/s
95th percentile per-packet one-way delay: 28.344 ms
Loss rate: 13.45%
-- Flow 1:
Average throughput: 161.19 Mbit/s
95th percentile per-packet one-way delay: 28.344 ms
Loss rate: 13.45%
```

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

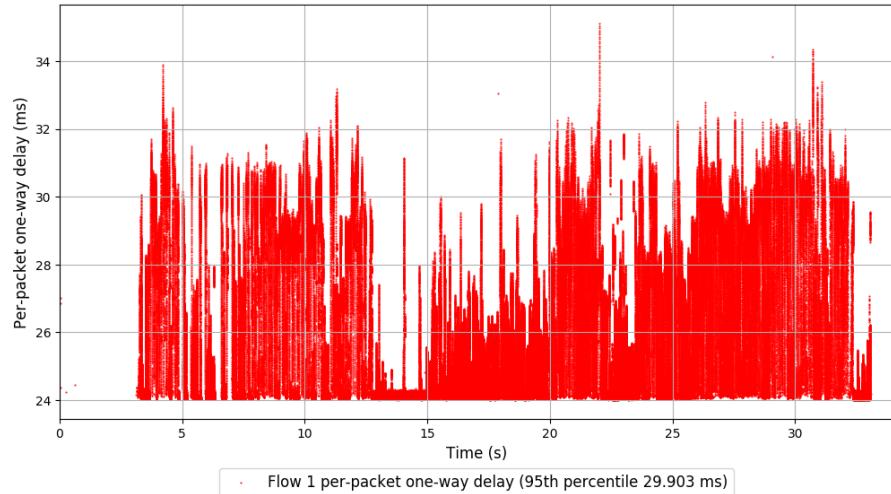
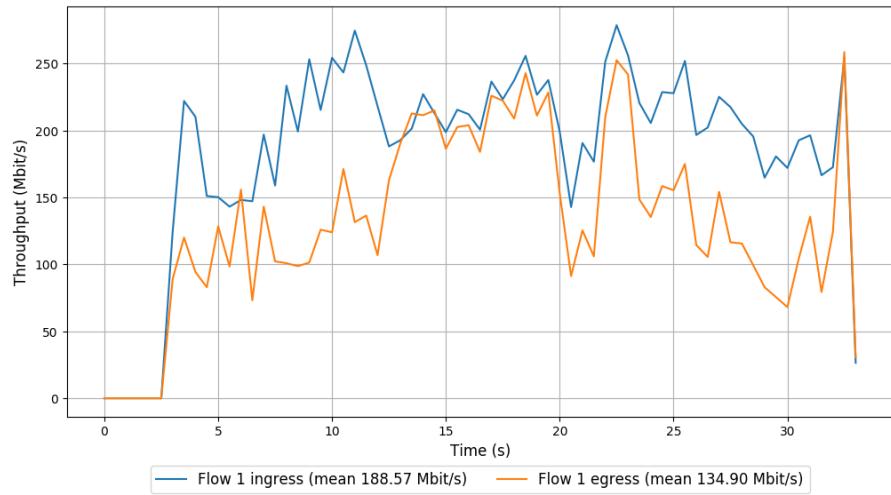


Run 2: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 17:41:21 +0000
End at: Fri, 23 Jun 2017 17:41:51 +0000
Local clock offset: 2.534 ms
Remote clock offset: -2.792 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:20:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 134.90 Mbit/s
95th percentile per-packet one-way delay: 29.903 ms
Loss rate: 28.47%
-- Flow 1:
Average throughput: 134.90 Mbit/s
95th percentile per-packet one-way delay: 29.903 ms
Loss rate: 28.47%
```

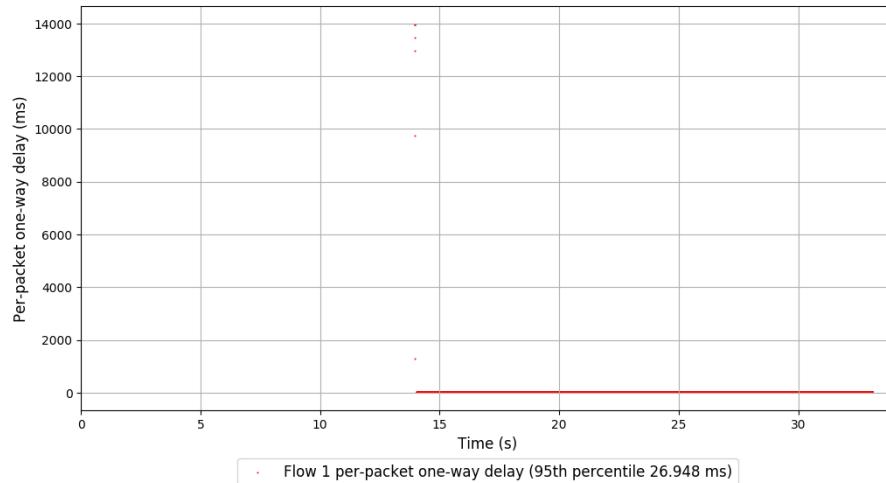
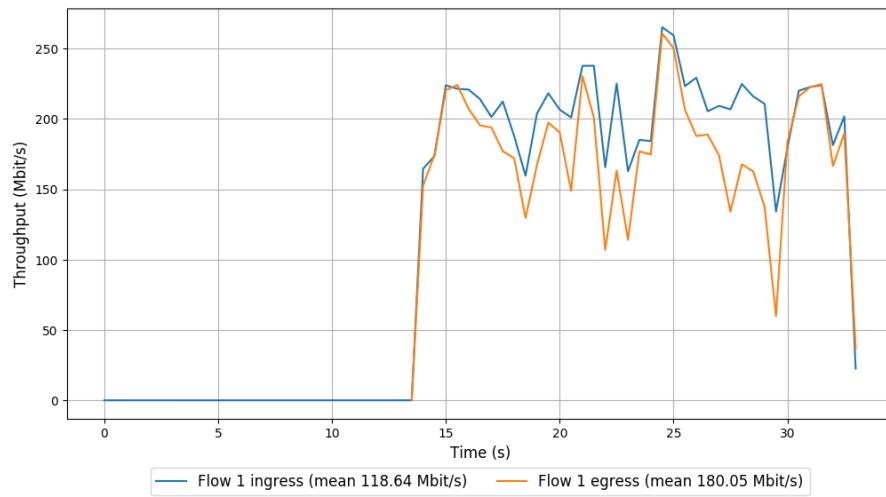
## Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Fri, 23 Jun 2017 18:01:08 +0000  
End at: Fri, 23 Jun 2017 18:01:38 +0000  
Local clock offset: 1.938 ms  
Remote clock offset: -2.593 ms

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

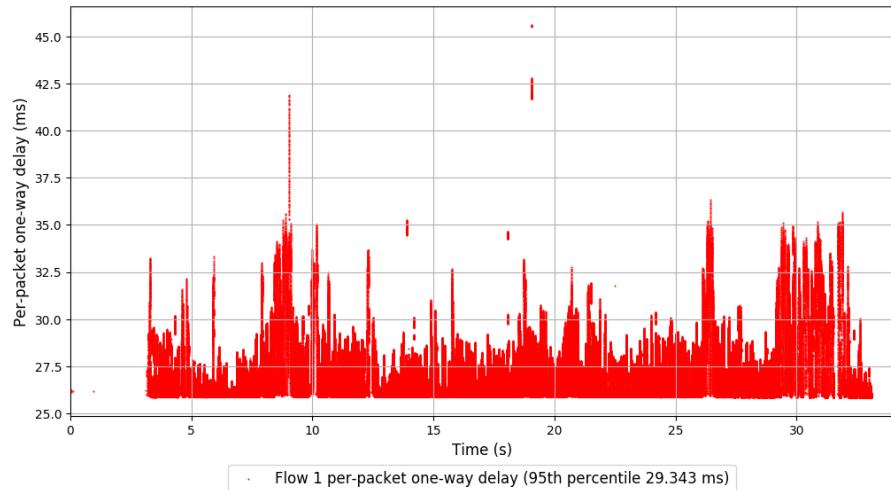
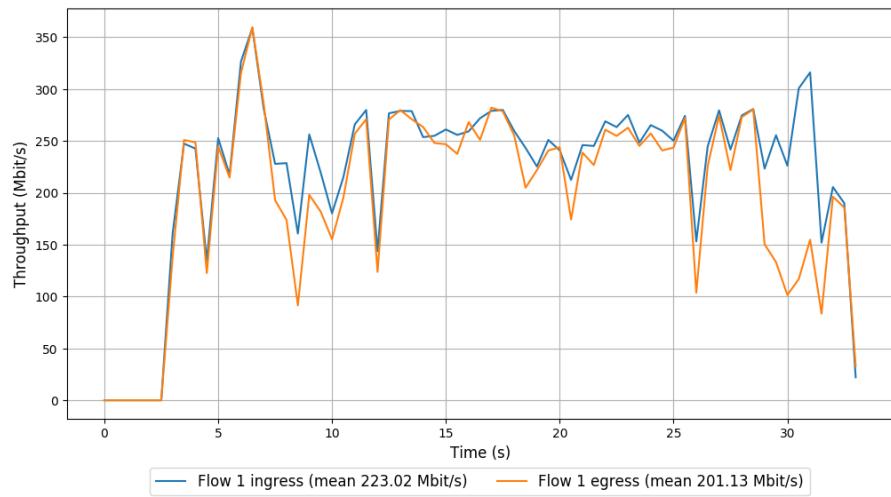


Run 4: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 18:21:01 +0000
End at: Fri, 23 Jun 2017 18:21:31 +0000
Local clock offset: 5.075 ms
Remote clock offset: -2.092 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:20:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 201.13 Mbit/s
95th percentile per-packet one-way delay: 29.343 ms
Loss rate: 9.82%
-- Flow 1:
Average throughput: 201.13 Mbit/s
95th percentile per-packet one-way delay: 29.343 ms
Loss rate: 9.82%
```

## Run 4: Report of Verus — Data Link

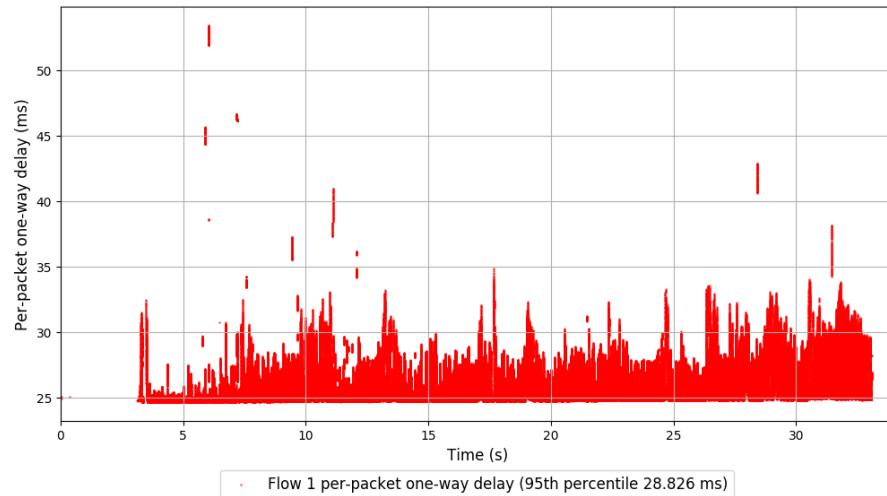
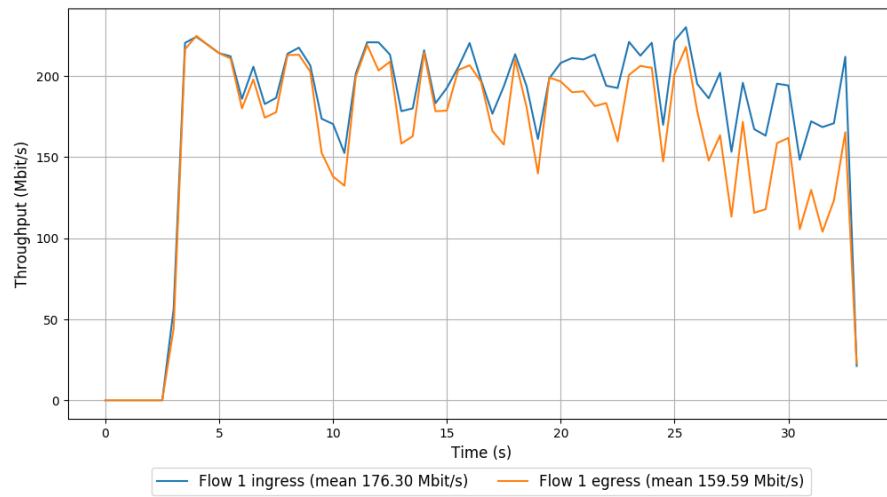


Run 5: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 18:40:51 +0000
End at: Fri, 23 Jun 2017 18:41:21 +0000
Local clock offset: 3.764 ms
Remote clock offset: -1.94 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:20:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 159.59 Mbit/s
95th percentile per-packet one-way delay: 28.826 ms
Loss rate: 9.47%
-- Flow 1:
Average throughput: 159.59 Mbit/s
95th percentile per-packet one-way delay: 28.826 ms
Loss rate: 9.47%
```

## Run 5: Report of Verus — Data Link

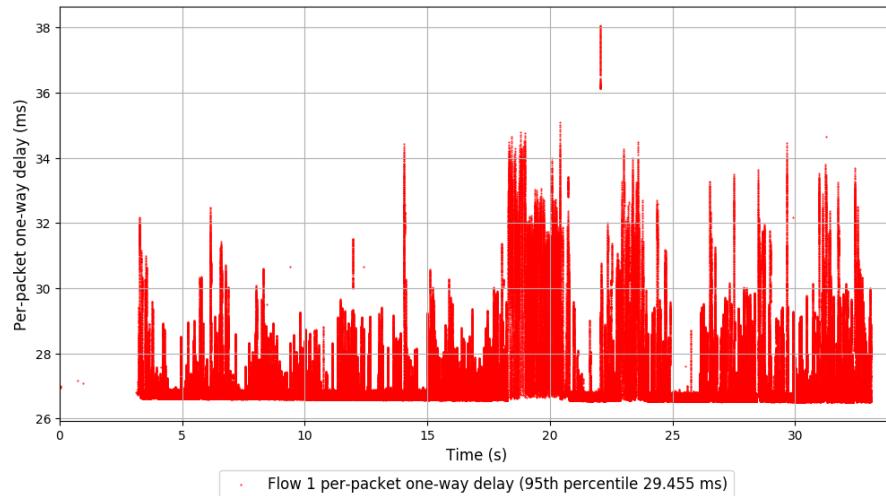
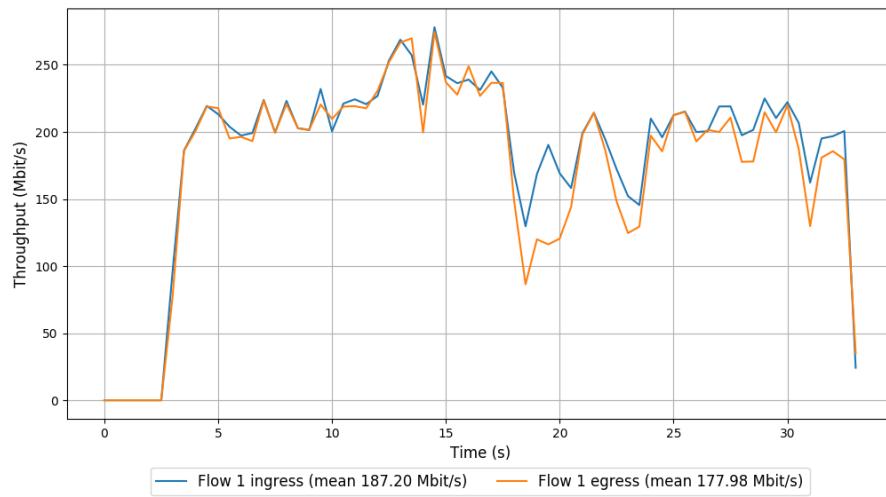


Run 6: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 19:00:31 +0000
End at: Fri, 23 Jun 2017 19:01:01 +0000
Local clock offset: 6.128 ms
Remote clock offset: -1.948 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 177.98 Mbit/s
95th percentile per-packet one-way delay: 29.455 ms
Loss rate: 4.92%
-- Flow 1:
Average throughput: 177.98 Mbit/s
95th percentile per-packet one-way delay: 29.455 ms
Loss rate: 4.92%
```

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Fri, 23 Jun 2017 19:20:13 +0000

End at: Fri, 23 Jun 2017 19:20:43 +0000

Local clock offset: 3.898 ms

Remote clock offset: -1.905 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 139.20 Mbit/s

95th percentile per-packet one-way delay: 29.320 ms

Loss rate: 17.31%

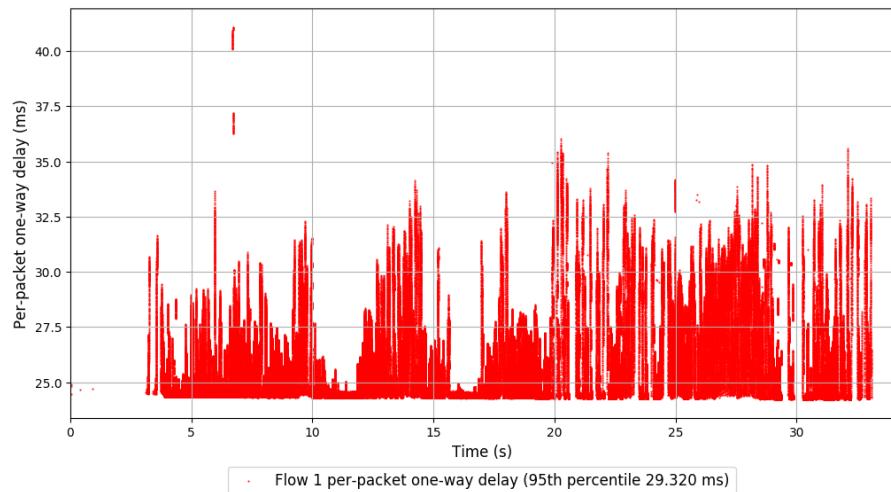
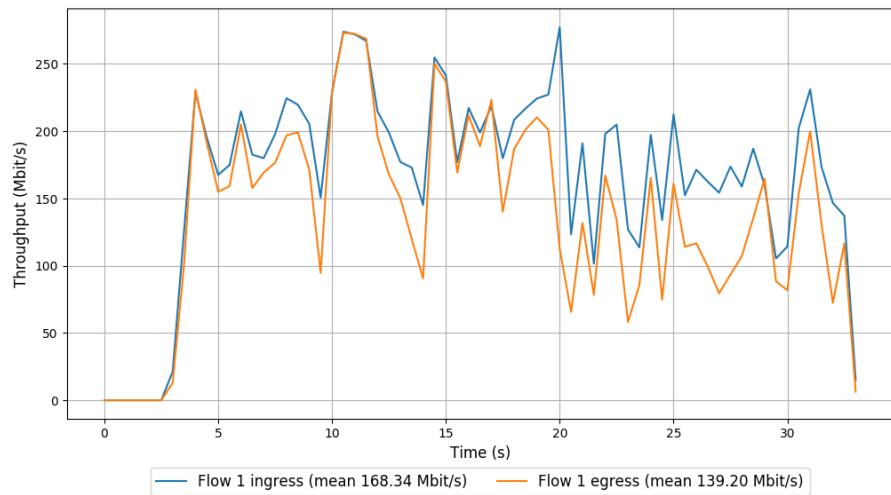
-- Flow 1:

Average throughput: 139.20 Mbit/s

95th percentile per-packet one-way delay: 29.320 ms

Loss rate: 17.31%

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

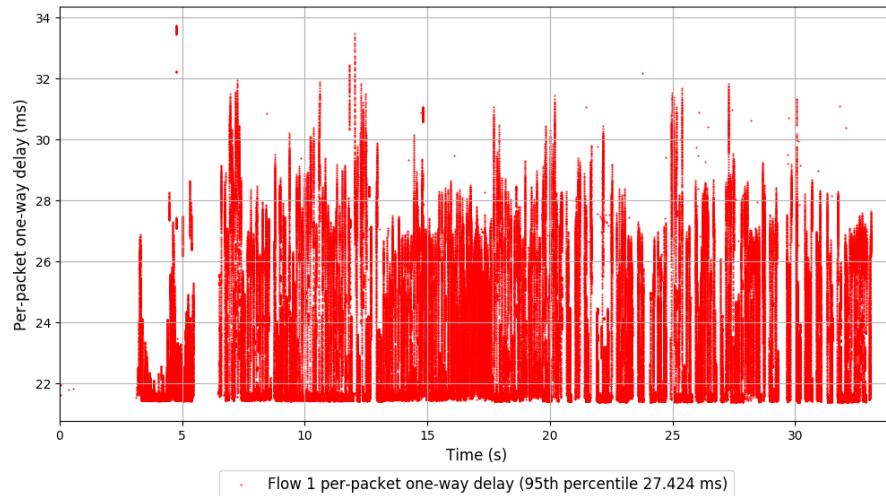
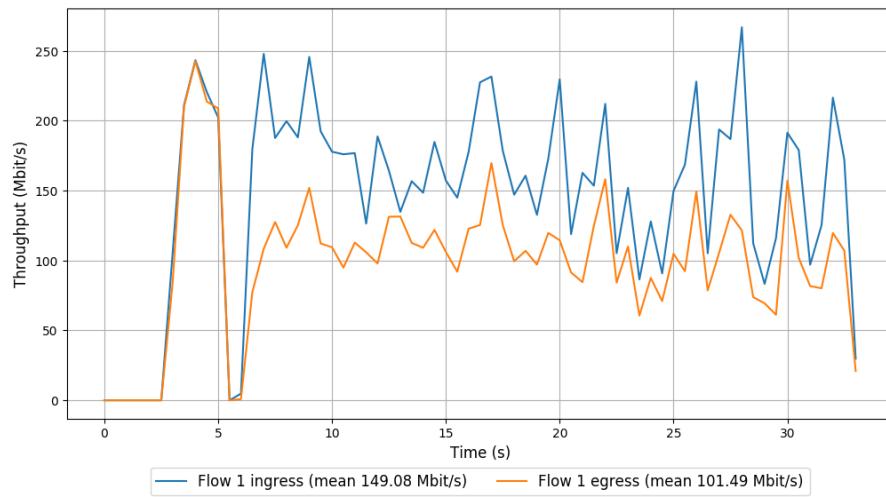


Run 8: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 19:40:11 +0000
End at: Fri, 23 Jun 2017 19:40:41 +0000
Local clock offset: 1.274 ms
Remote clock offset: -1.559 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 101.49 Mbit/s
95th percentile per-packet one-way delay: 27.424 ms
Loss rate: 31.93%
-- Flow 1:
Average throughput: 101.49 Mbit/s
95th percentile per-packet one-way delay: 27.424 ms
Loss rate: 31.93%
```

## Run 8: Report of Verus — Data Link

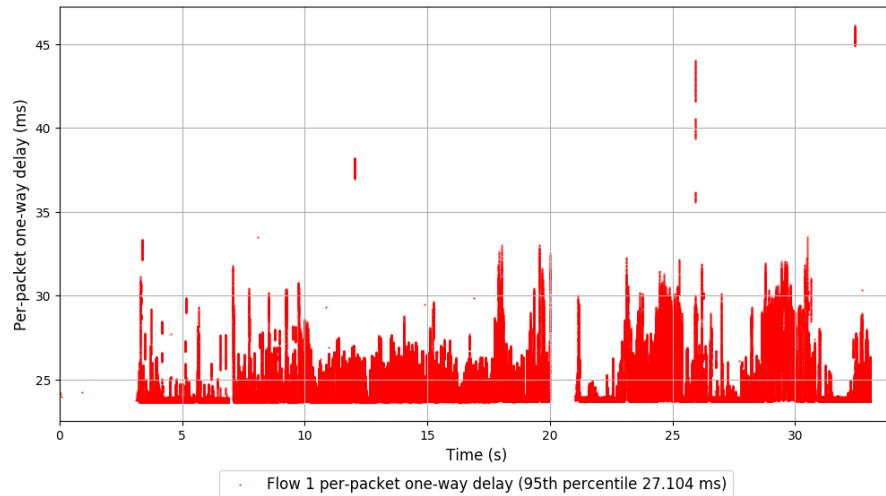
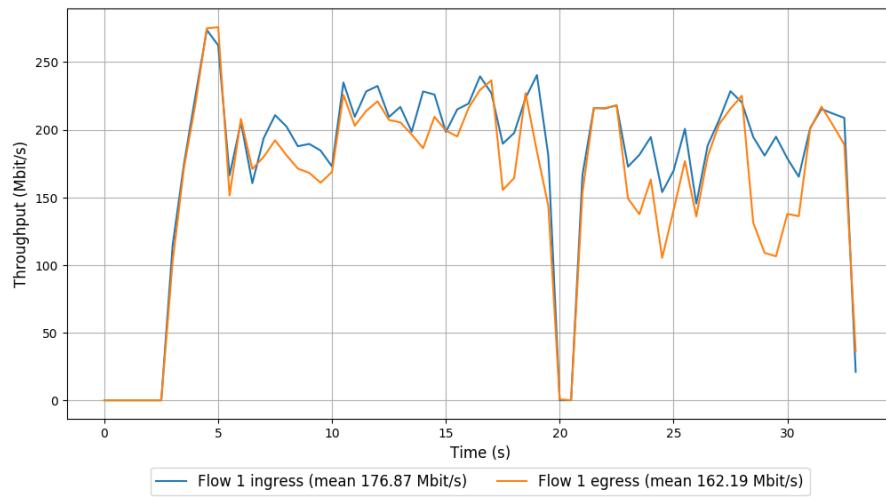


Run 9: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 20:00:17 +0000
End at: Fri, 23 Jun 2017 20:00:47 +0000
Local clock offset: 3.119 ms
Remote clock offset: -1.768 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 162.19 Mbit/s
95th percentile per-packet one-way delay: 27.104 ms
Loss rate: 8.31%
-- Flow 1:
Average throughput: 162.19 Mbit/s
95th percentile per-packet one-way delay: 27.104 ms
Loss rate: 8.31%
```

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

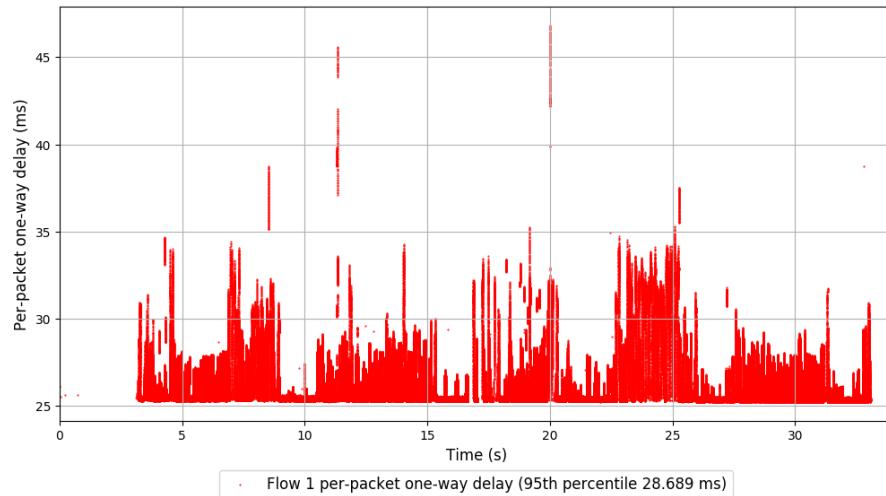
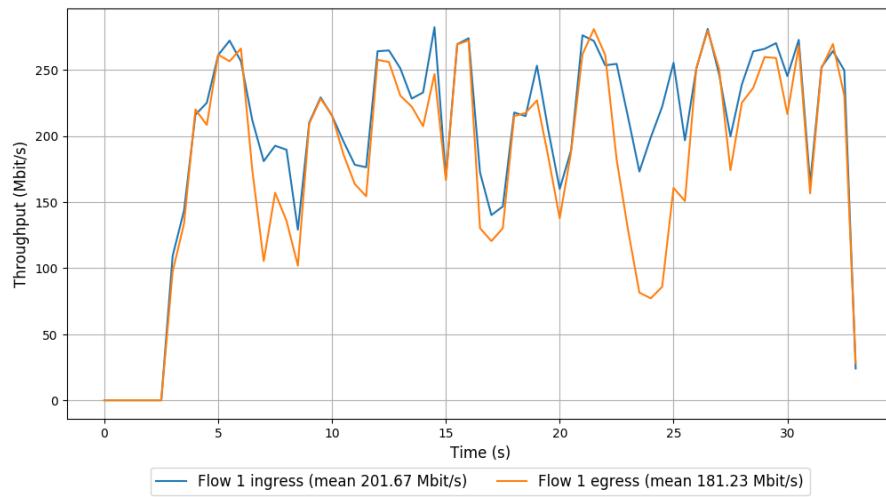


Run 10: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 20:20:10 +0000
End at: Fri, 23 Jun 2017 20:20:40 +0000
Local clock offset: 4.625 ms
Remote clock offset: -1.972 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 181.23 Mbit/s
95th percentile per-packet one-way delay: 28.689 ms
Loss rate: 10.14%
-- Flow 1:
Average throughput: 181.23 Mbit/s
95th percentile per-packet one-way delay: 28.689 ms
Loss rate: 10.14%
```

Run 10: Report of Verus — Data Link

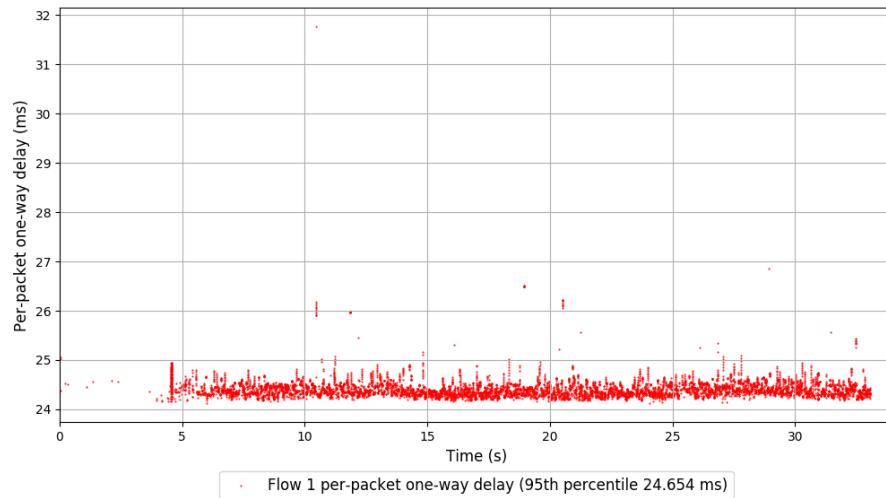
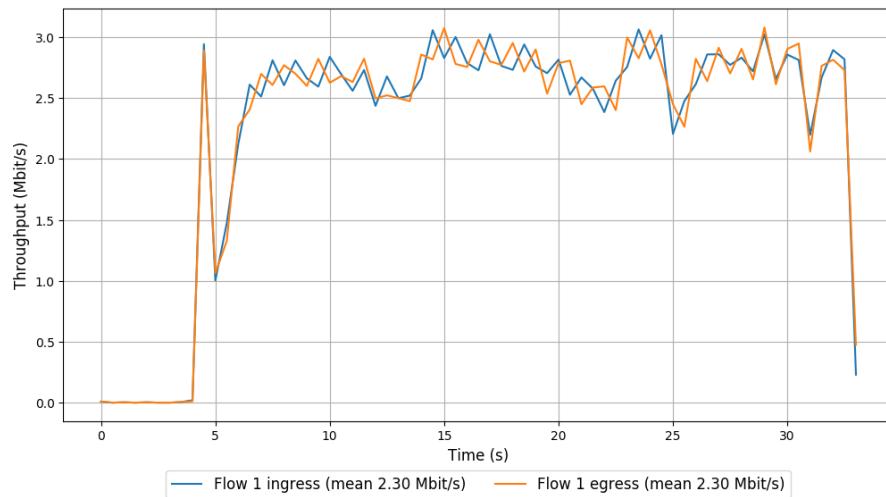


```
Run 1: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 17:28:24 +0000
End at: Fri, 23 Jun 2017 17:28:54 +0000
Local clock offset: 2.629 ms
Remote clock offset: -2.768 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 24.654 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 24.654 ms
Loss rate: 0.00%
```

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

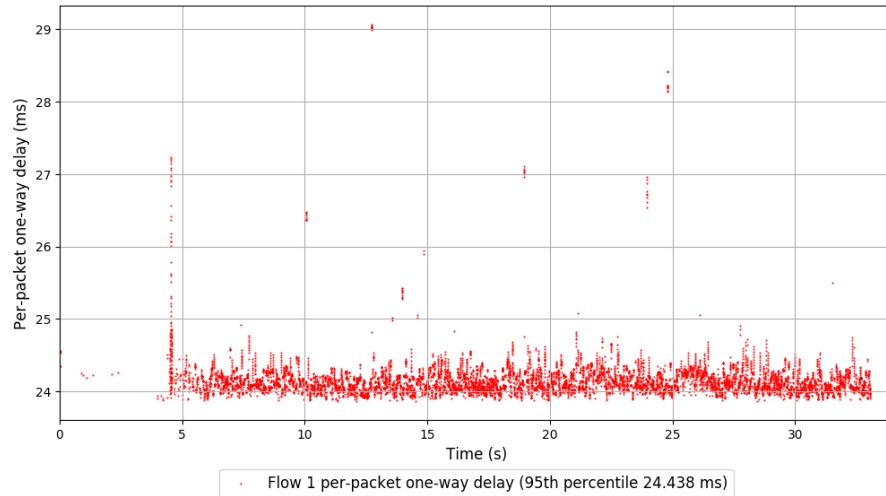
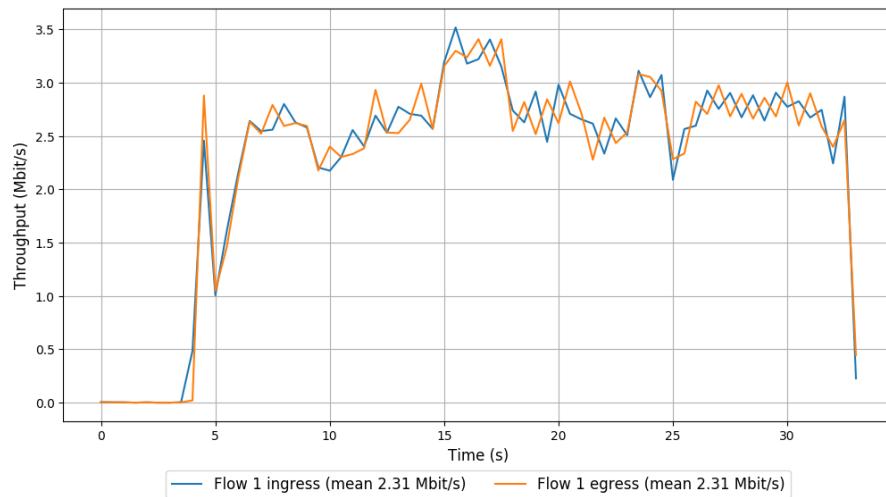


```
Run 2: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 17:48:09 +0000
End at: Fri, 23 Jun 2017 17:48:39 +0000
Local clock offset: 2.433 ms
Remote clock offset: -2.825 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 24.438 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 24.438 ms
Loss rate: 0.00%
```

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

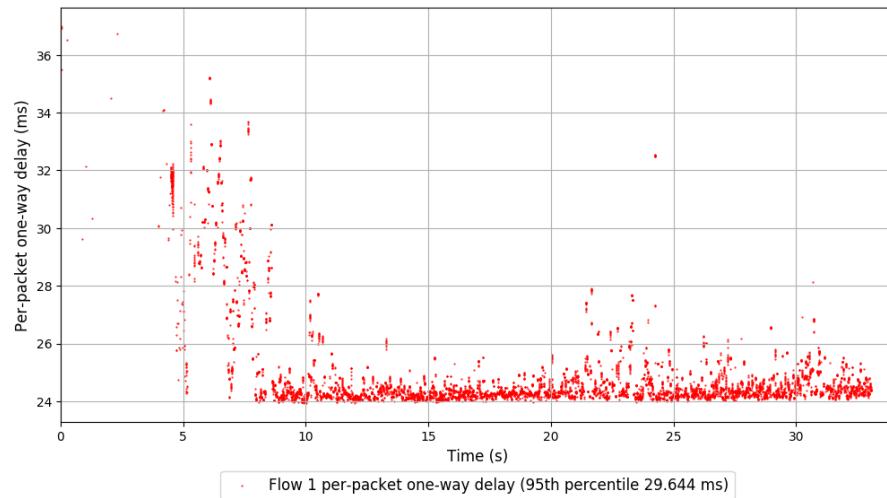
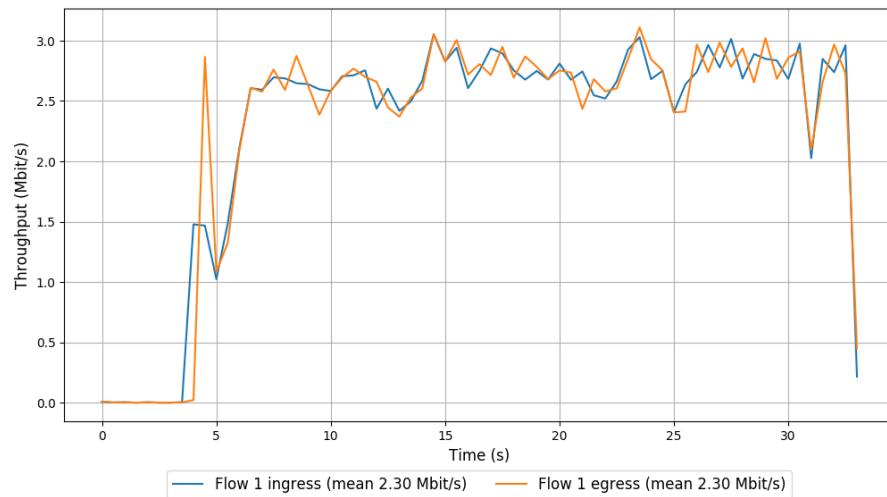


```
Run 3: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 18:07:58 +0000
End at: Fri, 23 Jun 2017 18:08:28 +0000
Local clock offset: 2.642 ms
Remote clock offset: -2.45 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 29.644 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 29.644 ms
Loss rate: 0.00%
```

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

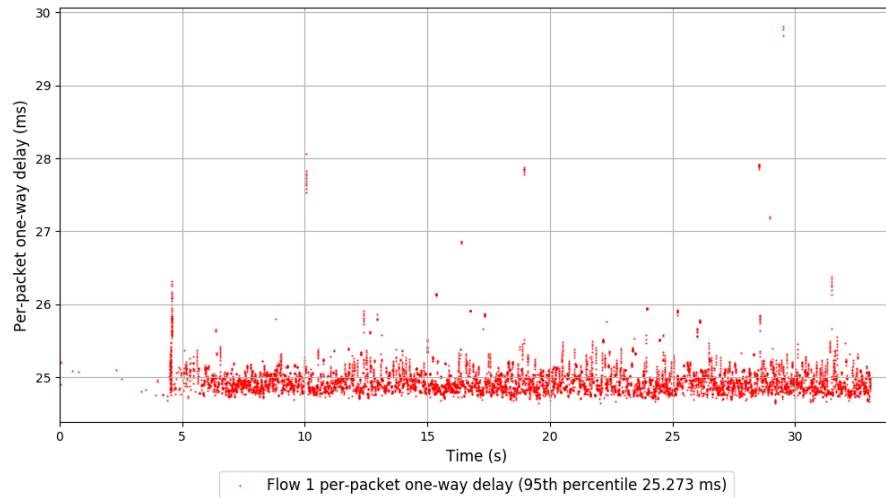
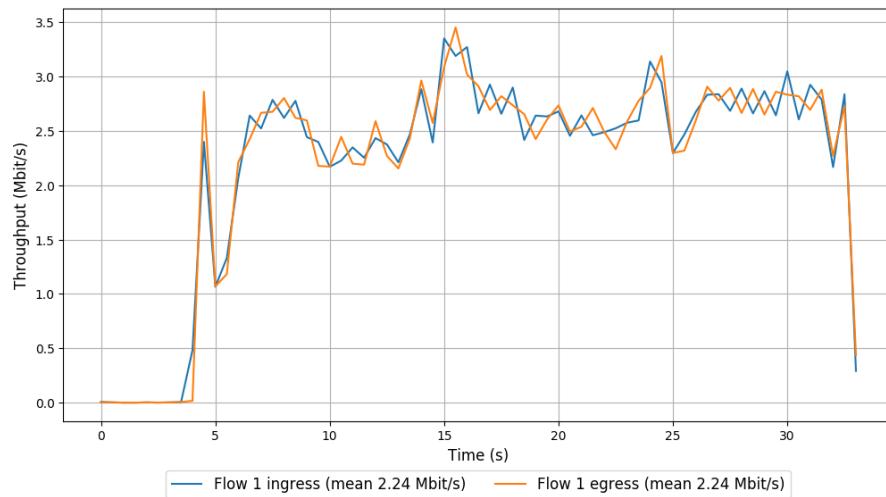


Run 4: Statistics of WebRTC media

```
Start at: Fri, 23 Jun 2017 18:27:53 +0000
End at: Fri, 23 Jun 2017 18:28:23 +0000
Local clock offset: 4.182 ms
Remote clock offset: -1.931 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 25.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 25.273 ms
Loss rate: 0.00%
```

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

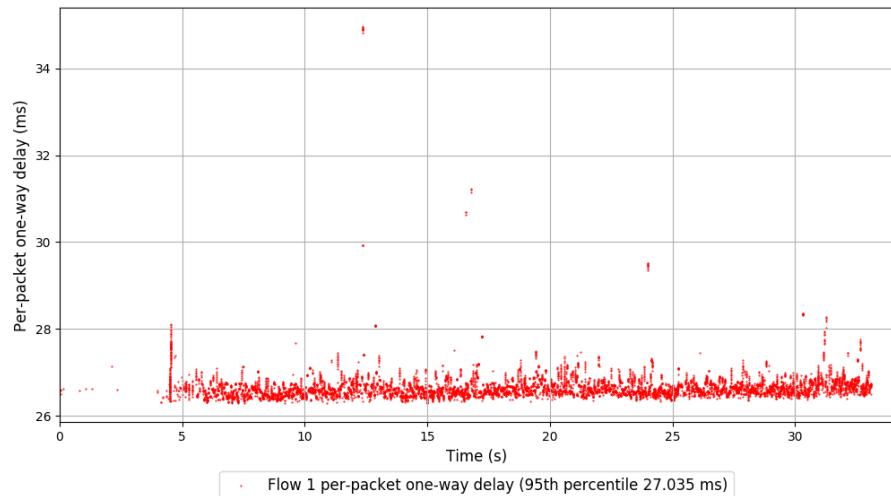
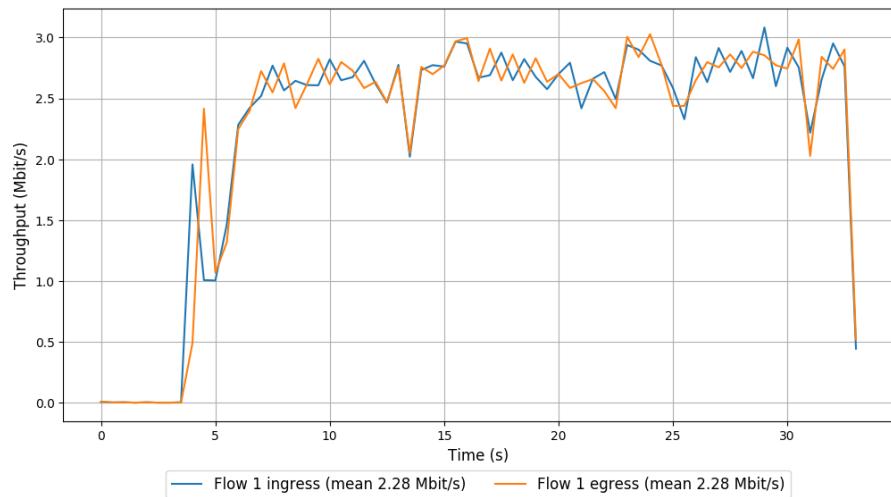


```
Run 5: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 18:47:32 +0000
End at: Fri, 23 Jun 2017 18:48:02 +0000
Local clock offset: 5.452 ms
Remote clock offset: -1.946 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 27.035 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 27.035 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

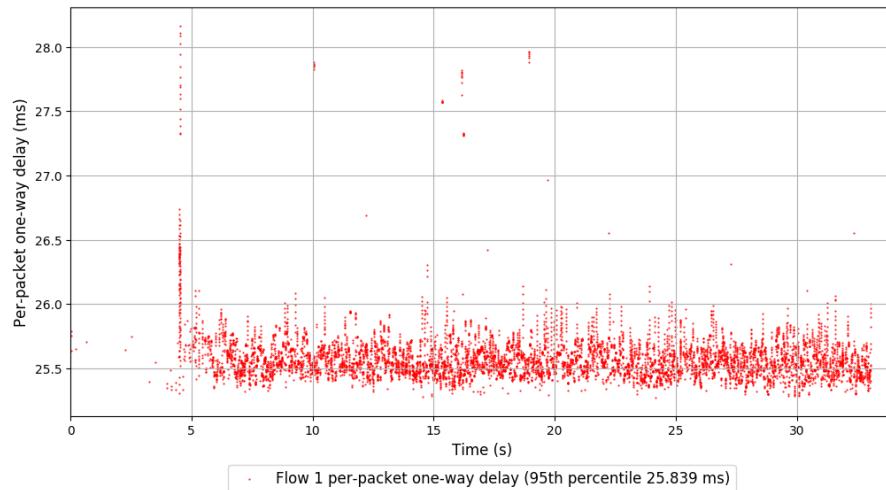
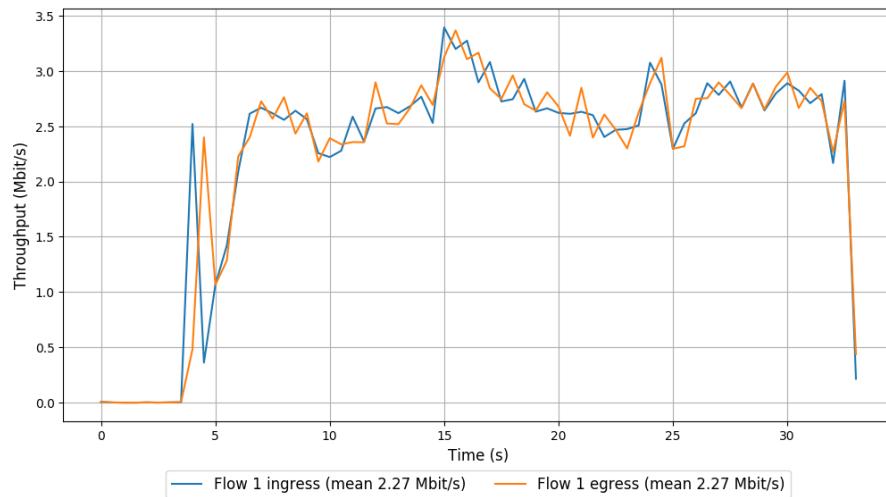


```
Run 6: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 19:07:19 +0000
End at: Fri, 23 Jun 2017 19:07:49 +0000
Local clock offset: 4.843 ms
Remote clock offset: -1.887 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 25.839 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 25.839 ms
Loss rate: 0.00%
```

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



Run 7: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 19:27:03 +0000

End at: Fri, 23 Jun 2017 19:27:33 +0000

Local clock offset: 2.64 ms

Remote clock offset: -1.706 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 23.481 ms

Loss rate: 0.00%

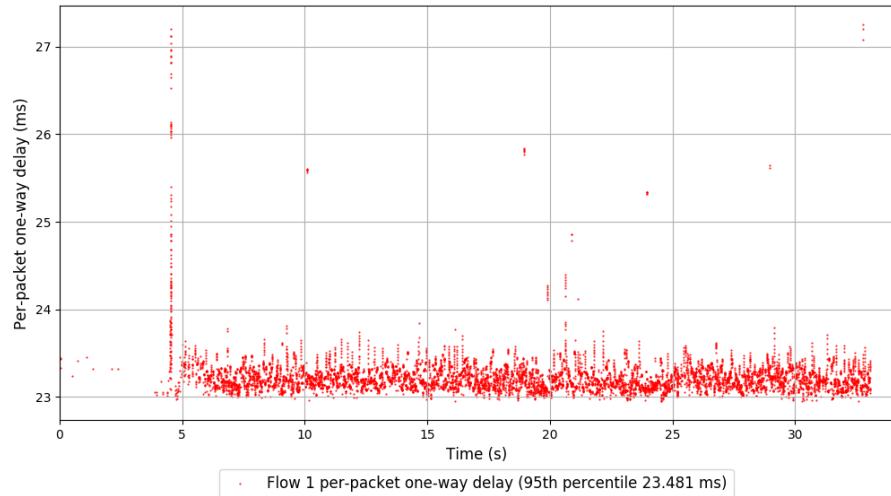
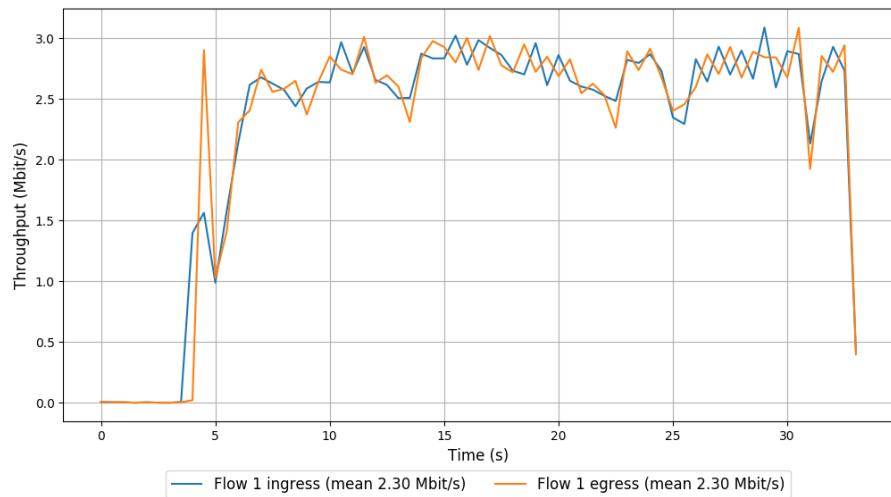
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 23.481 ms

Loss rate: 0.00%

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

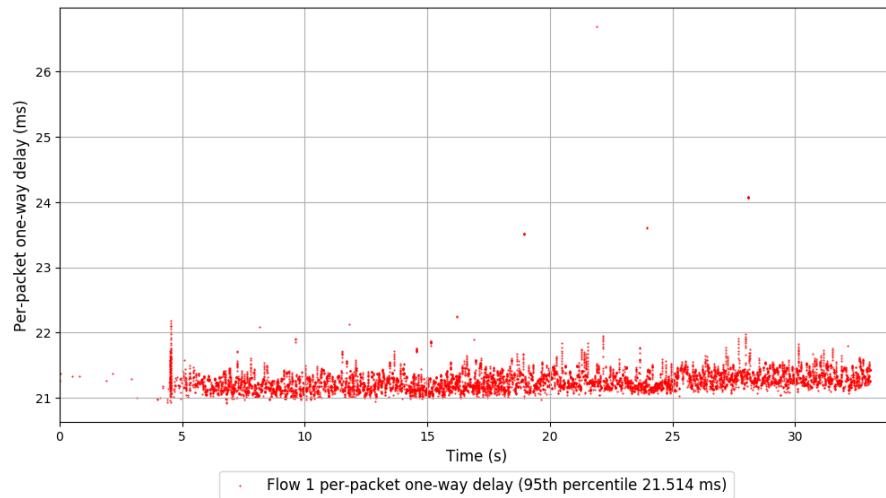
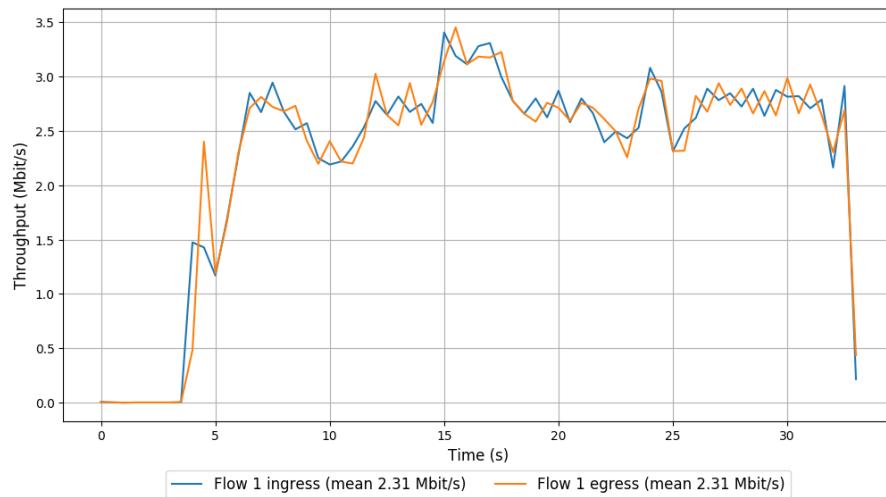


```
Run 8: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 19:47:05 +0000
End at: Fri, 23 Jun 2017 19:47:35 +0000
Local clock offset: 0.708 ms
Remote clock offset: -1.59 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 21.514 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 21.514 ms
Loss rate: 0.00%
```

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

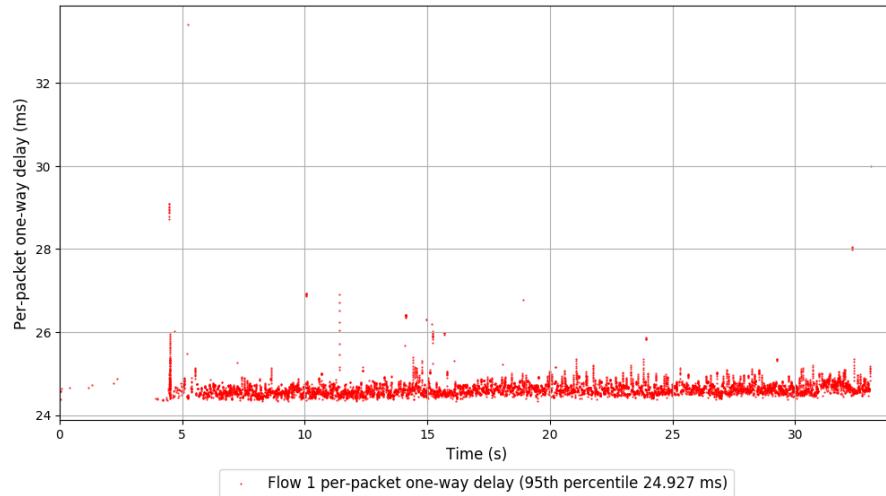
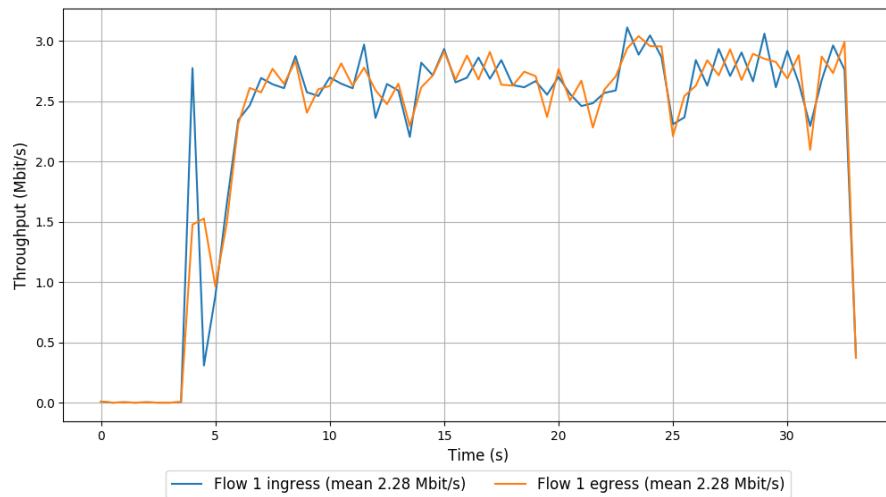


```
Run 9: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:07:05 +0000
End at: Fri, 23 Jun 2017 20:07:35 +0000
Local clock offset: 3.826 ms
Remote clock offset: -1.886 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 24.927 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 24.927 ms
Loss rate: 0.00%
```

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



```
Run 10: Statistics of WebRTC media
```

```
Start at: Fri, 23 Jun 2017 20:27:10 +0000
```

```
End at: Fri, 23 Jun 2017 20:27:40 +0000
```

```
Local clock offset: 4.385 ms
```

```
Remote clock offset: -1.893 ms
```

```
# Below is generated by plot.py at Sat, 24 Jun 2017 02:21:52 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.433 ms
```

```
Loss rate: 0.00%
```

```
-- Flow 1:
```

```
Average throughput: 2.27 Mbit/s
```

```
95th percentile per-packet one-way delay: 25.433 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

