

**Pantheon Summary** (Generated at Sat, 01 Jul 2017 16:34:55 +0000 with pantheon version 55ce618ef3153403f57ca06ffe894ed6887bd36f)

Repeated the test of 15 congestion control schemes 10 times.

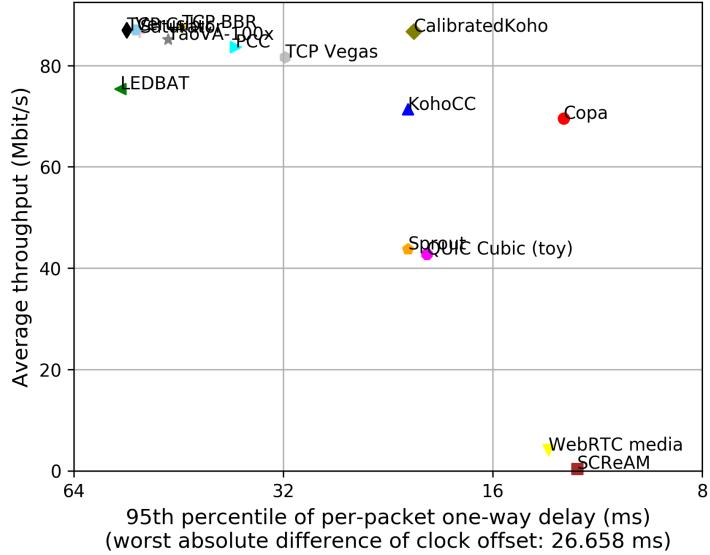
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

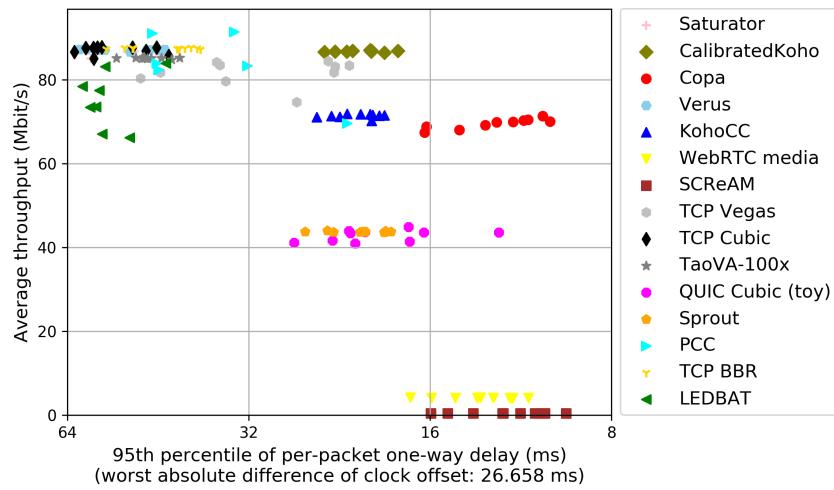
NTP offset measured against nets.org.sg.

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

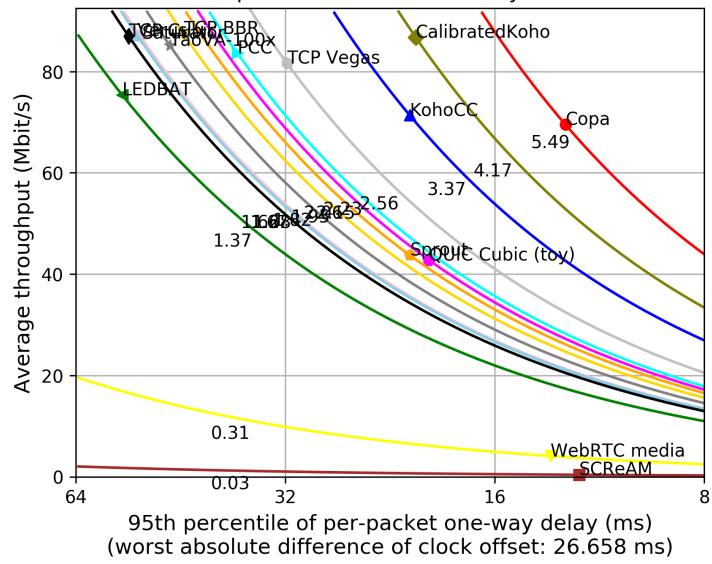
test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme  
mean of all runs by scheme



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



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

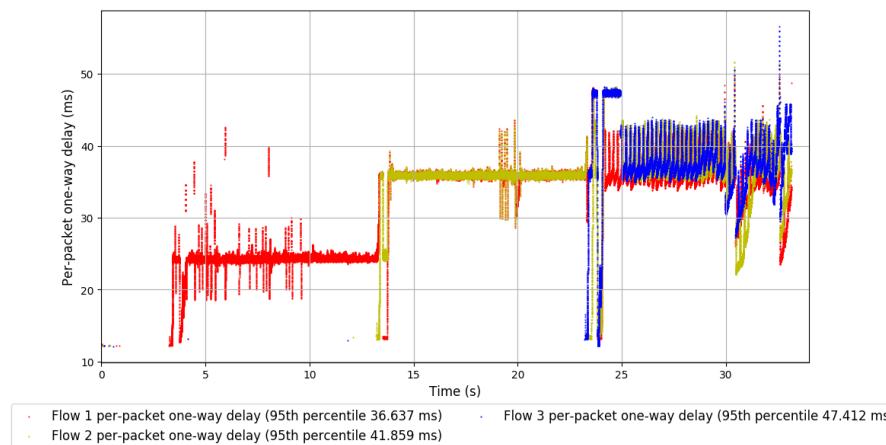
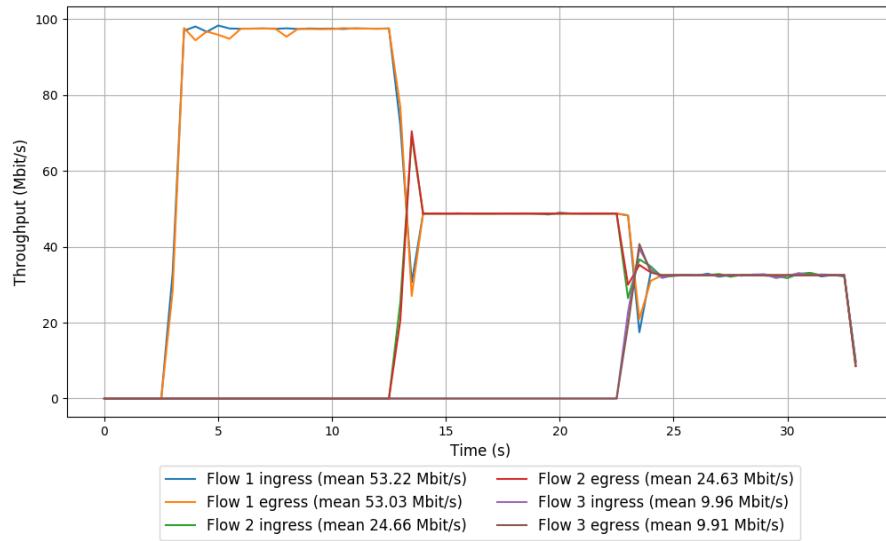


```
Run 1: Statistics of TCP BBR
```

```
Start at: Sat, 01 Jul 2017 12:10:44 +0000
End at: Sat, 01 Jul 2017 12:11:14 +0000
Local clock offset: 2.366 ms
Remote clock offset: -18.984 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:21:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 40.849 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 36.637 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 41.859 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 9.91 Mbit/s
95th percentile per-packet one-way delay: 47.412 ms
Loss rate: 0.55%
```

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

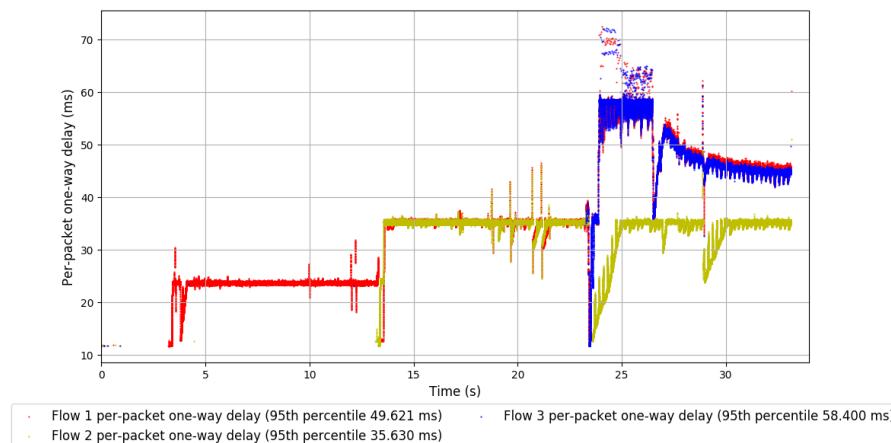
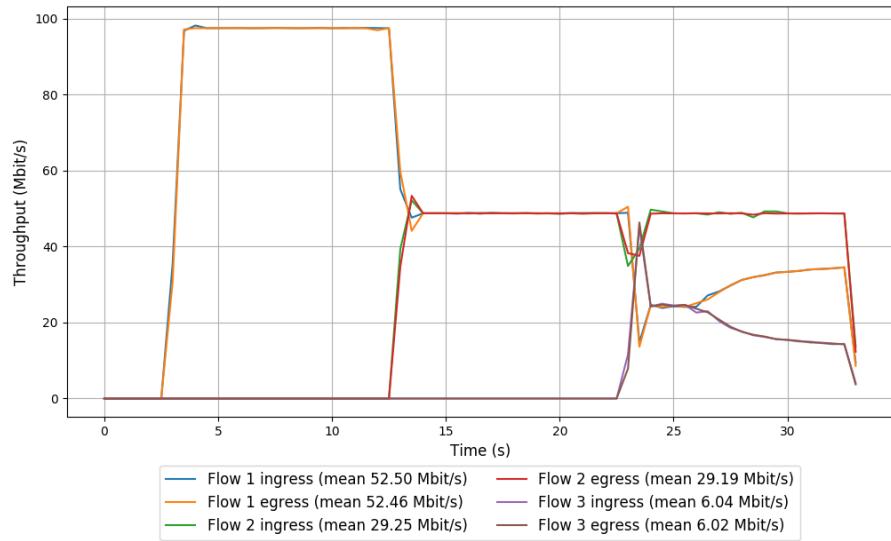


Run 2: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 12:29:04 +0000
End at: Sat, 01 Jul 2017 12:29:34 +0000
Local clock offset: 0.126 ms
Remote clock offset: -18.877 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:21:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 51.471 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 52.46 Mbit/s
95th percentile per-packet one-way delay: 49.621 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 35.630 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 6.02 Mbit/s
95th percentile per-packet one-way delay: 58.400 ms
Loss rate: 0.42%
```

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

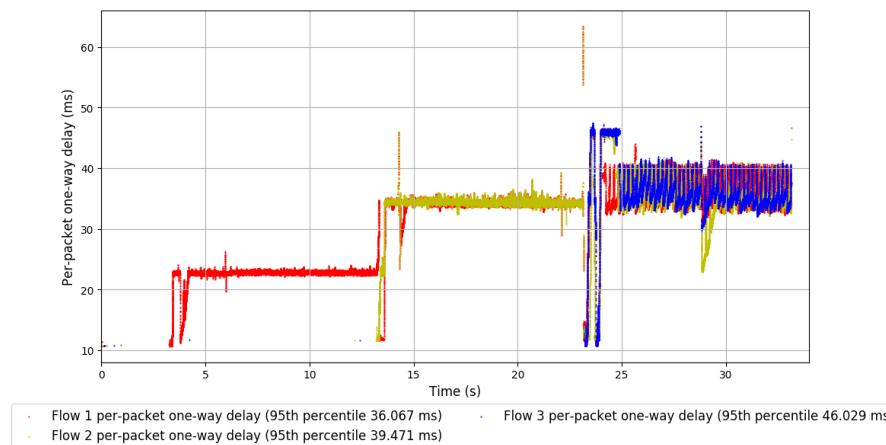
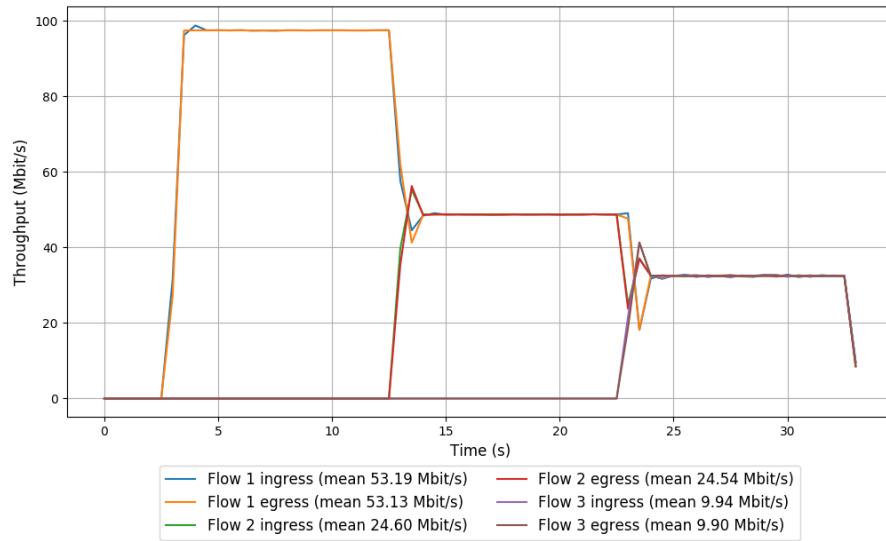


Run 3: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 12:47:29 +0000
End at: Sat, 01 Jul 2017 12:47:59 +0000
Local clock offset: 1.969 ms
Remote clock offset: -17.995 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:21:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 38.984 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 53.13 Mbit/s
95th percentile per-packet one-way delay: 36.067 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 39.471 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 9.90 Mbit/s
95th percentile per-packet one-way delay: 46.029 ms
Loss rate: 0.49%
```

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

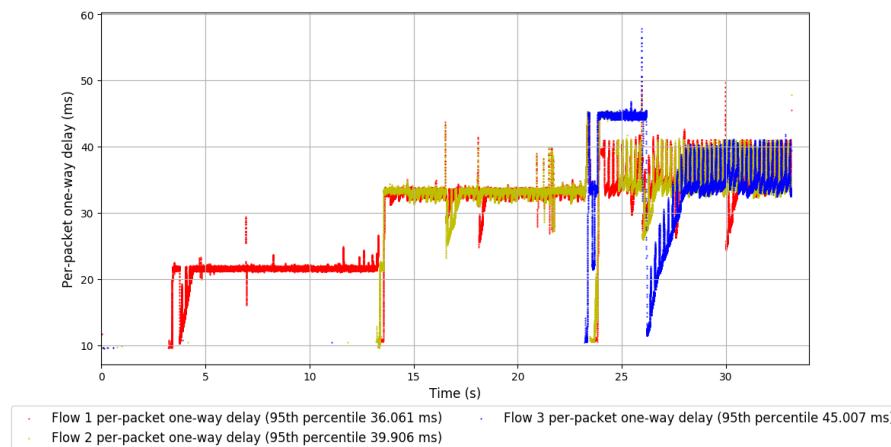
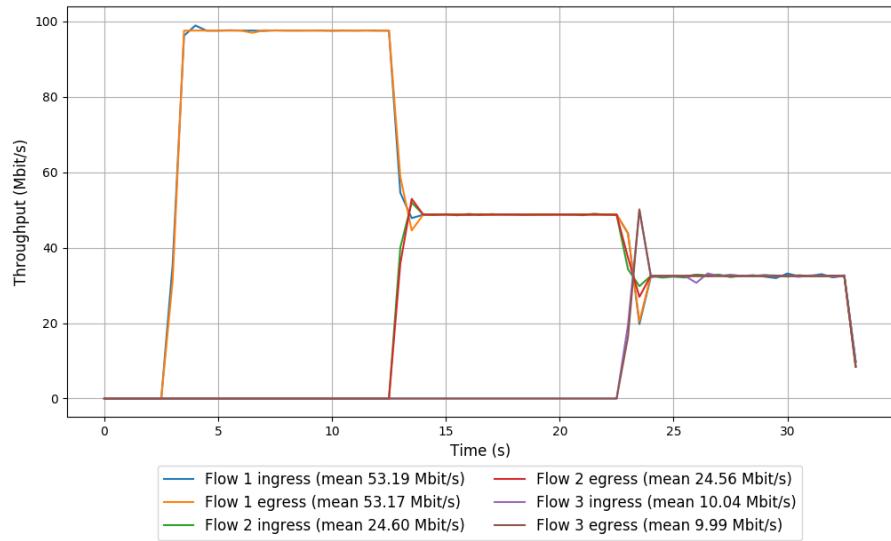


Run 4: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 13:05:42 +0000
End at: Sat, 01 Jul 2017 13:06:12 +0000
Local clock offset: 3.401 ms
Remote clock offset: -20.76 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:21:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 39.935 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 36.061 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 39.906 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 9.99 Mbit/s
95th percentile per-packet one-way delay: 45.007 ms
Loss rate: 0.53%
```

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

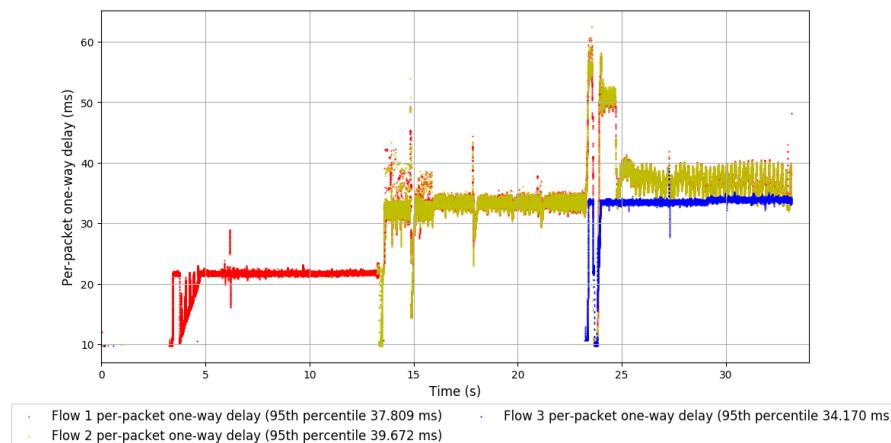
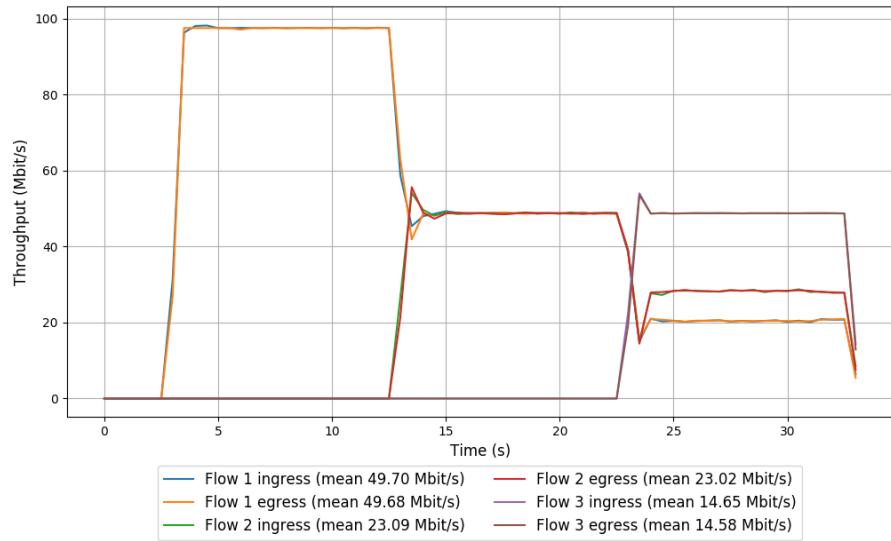


Run 5: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 13:23:50 +0000
End at: Sat, 01 Jul 2017 13:24:20 +0000
Local clock offset: 4.635 ms
Remote clock offset: -21.065 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:21:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 38.462 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 49.68 Mbit/s
95th percentile per-packet one-way delay: 37.809 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 23.02 Mbit/s
95th percentile per-packet one-way delay: 39.672 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 34.170 ms
Loss rate: 0.54%
```

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

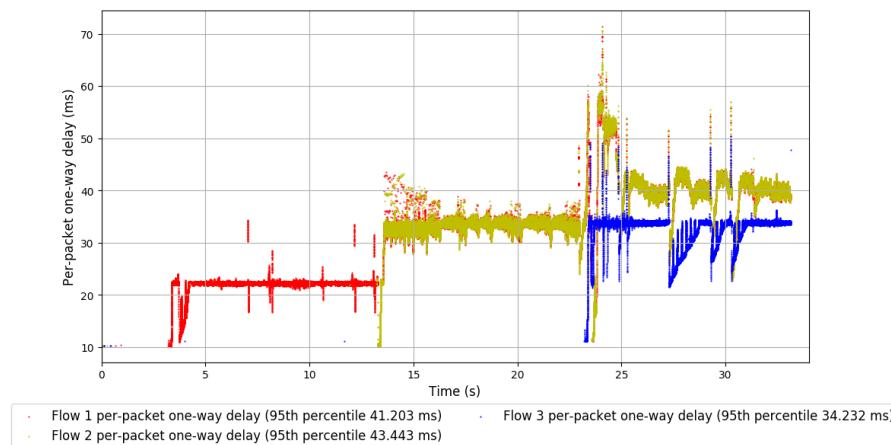
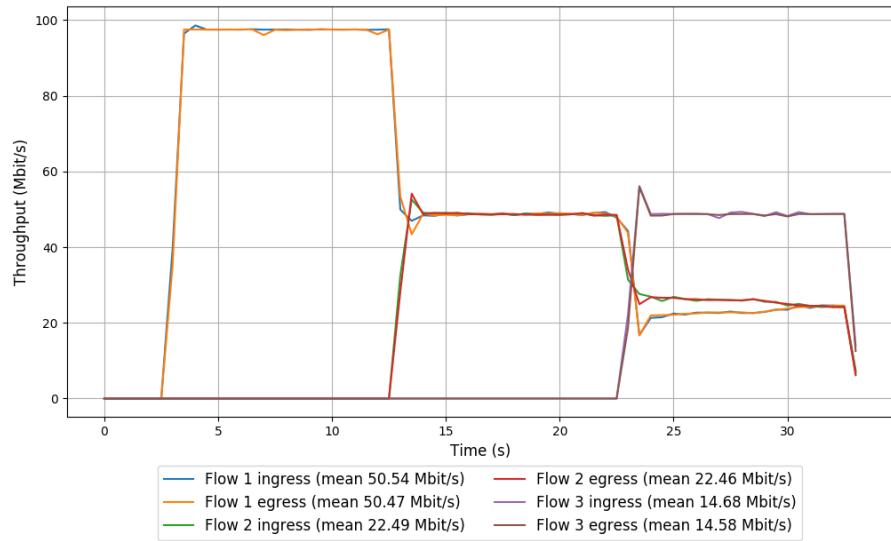


Run 6: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 13:41:55 +0000
End at: Sat, 01 Jul 2017 13:42:25 +0000
Local clock offset: 3.108 ms
Remote clock offset: -19.141 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:21:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 41.710 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 50.47 Mbit/s
95th percentile per-packet one-way delay: 41.203 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 22.46 Mbit/s
95th percentile per-packet one-way delay: 43.443 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 34.232 ms
Loss rate: 0.74%
```

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

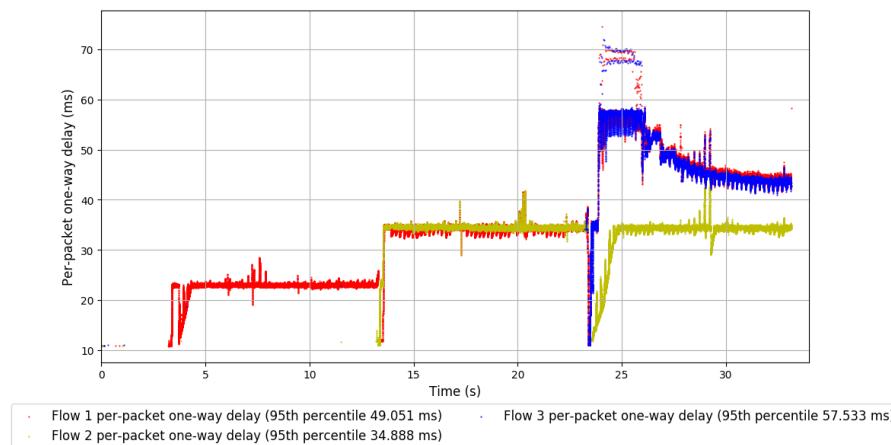
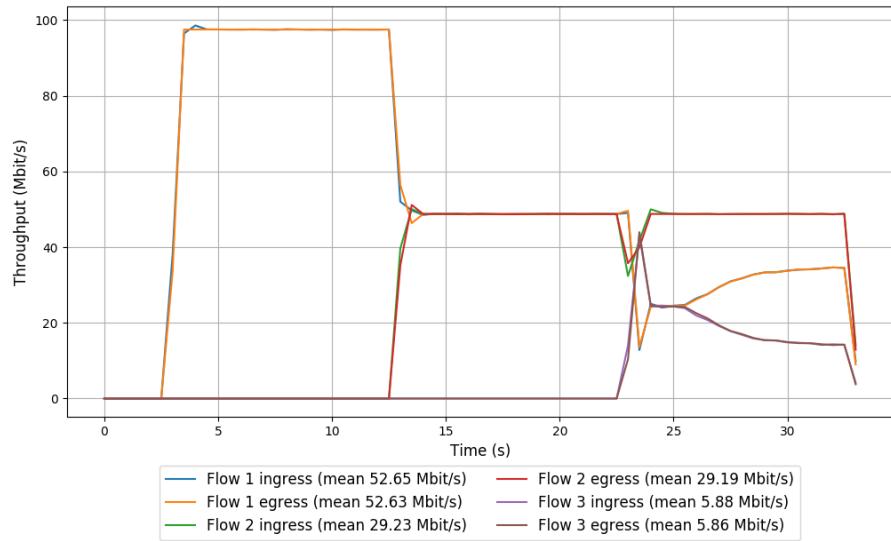


Run 7: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 14:00:10 +0000
End at: Sat, 01 Jul 2017 14:00:40 +0000
Local clock offset: 3.288 ms
Remote clock offset: -18.488 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 49.917 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 52.63 Mbit/s
95th percentile per-packet one-way delay: 49.051 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 34.888 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 5.86 Mbit/s
95th percentile per-packet one-way delay: 57.533 ms
Loss rate: 0.43%
```

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

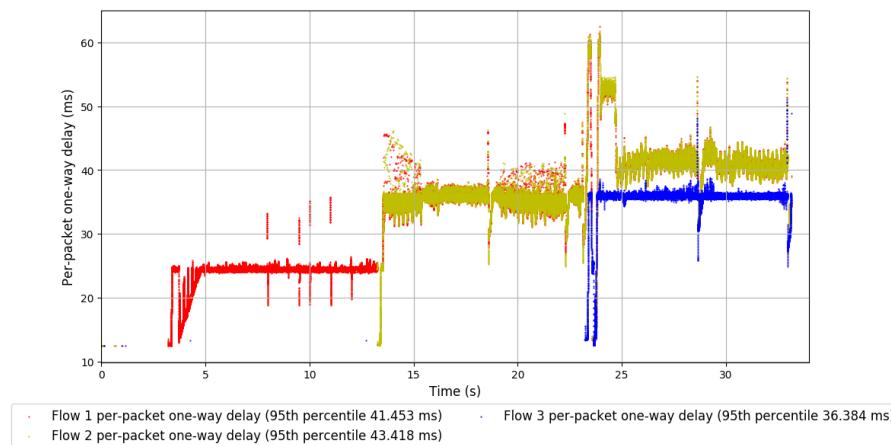
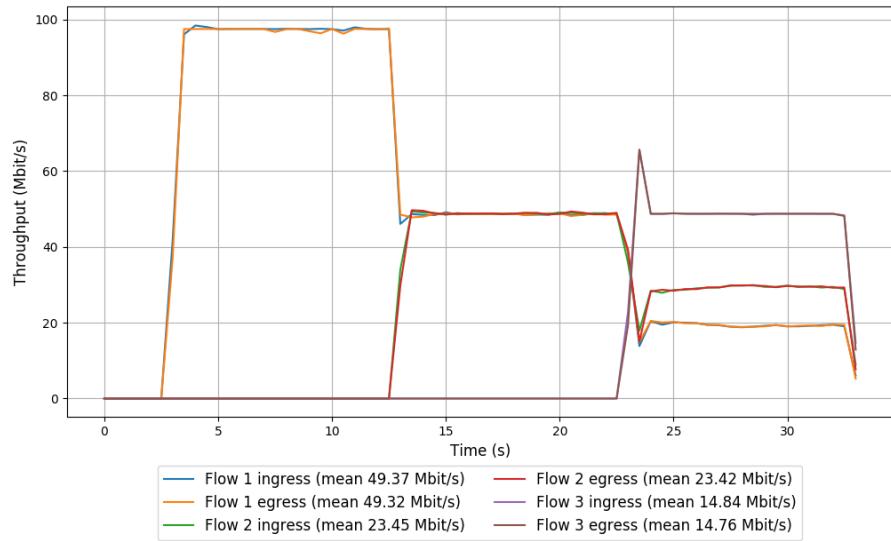


Run 8: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 14:18:14 +0000
End at: Sat, 01 Jul 2017 14:18:44 +0000
Local clock offset: 0.845 ms
Remote clock offset: -18.342 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 42.080 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 49.32 Mbit/s
95th percentile per-packet one-way delay: 41.453 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 43.418 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 14.76 Mbit/s
95th percentile per-packet one-way delay: 36.384 ms
Loss rate: 0.55%
```

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

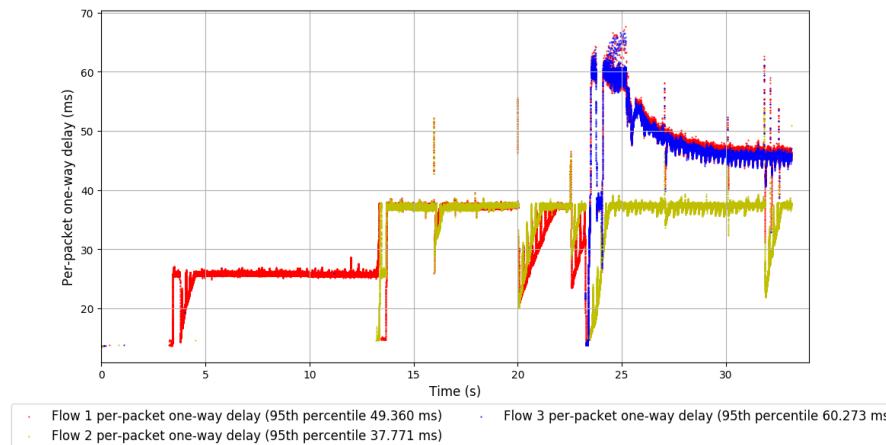
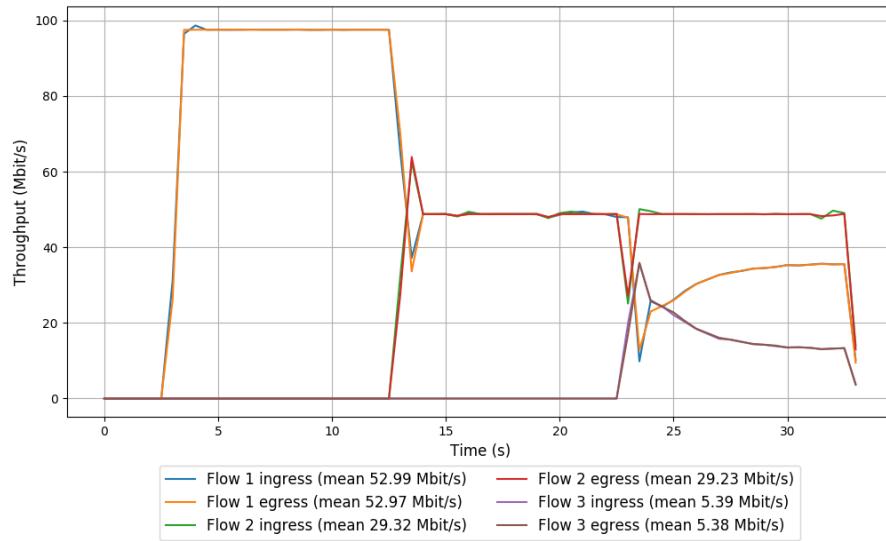


Run 9: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 14:36:31 +0000
End at: Sat, 01 Jul 2017 14:37:01 +0000
Local clock offset: -0.149 ms
Remote clock offset: -17.044 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 49.739 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 52.97 Mbit/s
95th percentile per-packet one-way delay: 49.360 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 29.23 Mbit/s
95th percentile per-packet one-way delay: 37.771 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 5.38 Mbit/s
95th percentile per-packet one-way delay: 60.273 ms
Loss rate: 0.41%
```

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

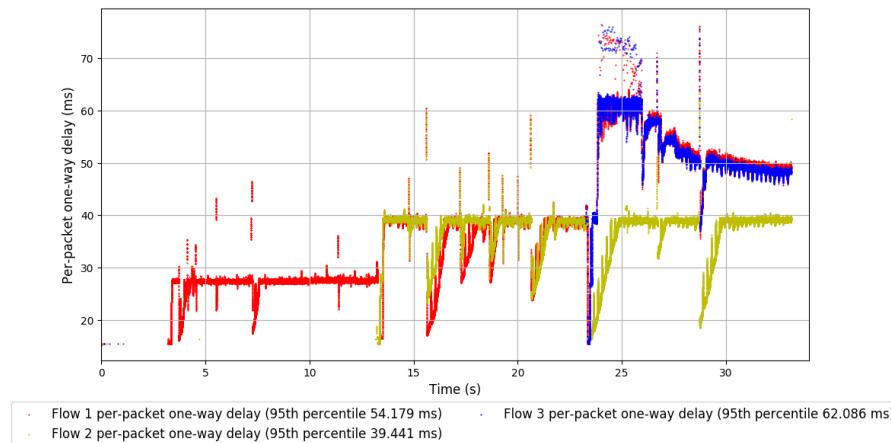
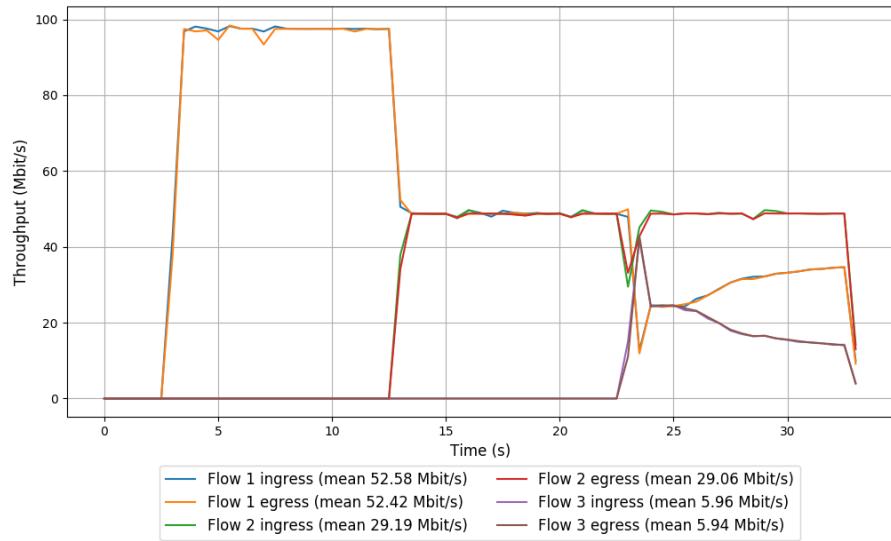


Run 10: Statistics of TCP BBR

```
Start at: Sat, 01 Jul 2017 14:55:16 +0000
End at: Sat, 01 Jul 2017 14:55:46 +0000
Local clock offset: 0.991 ms
Remote clock offset: -17.593 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 55.225 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 54.179 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 29.06 Mbit/s
95th percentile per-packet one-way delay: 39.441 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 5.94 Mbit/s
95th percentile per-packet one-way delay: 62.086 ms
Loss rate: 0.39%
```

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

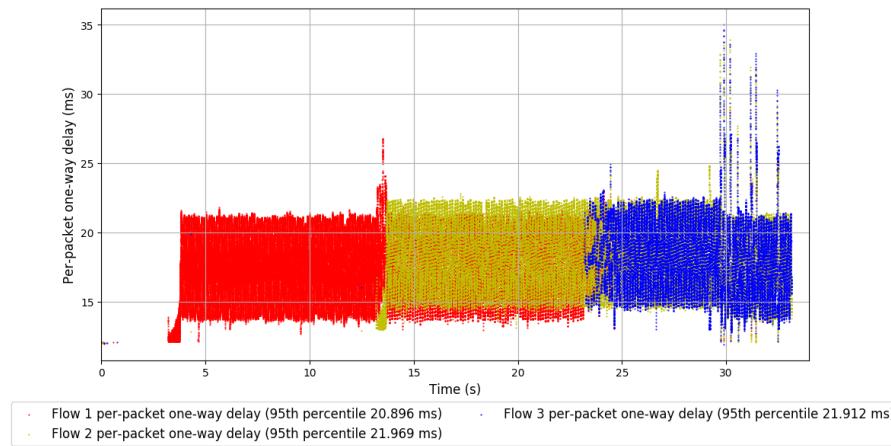
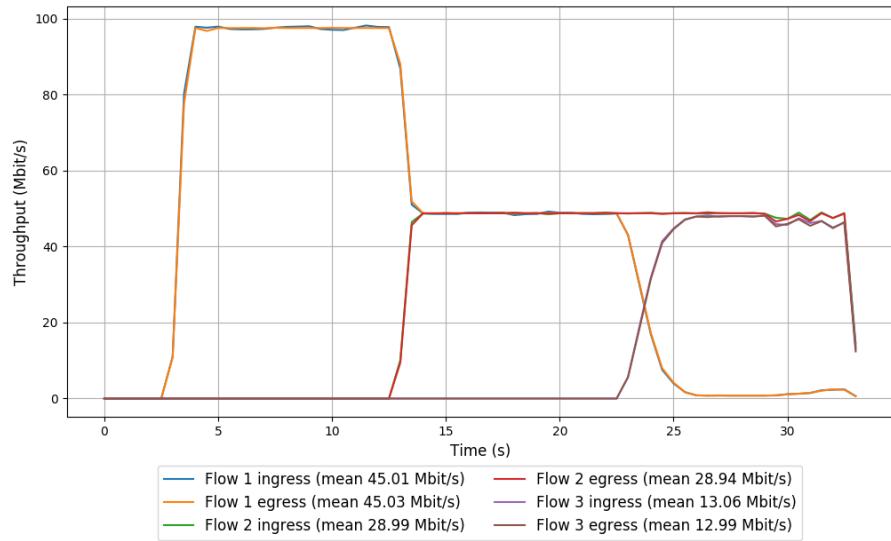


```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Sat, 01 Jul 2017 12:14:20 +0000
End at: Sat, 01 Jul 2017 12:14:50 +0000
Local clock offset: -0.56 ms
Remote clock offset: -17.918 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.86 Mbit/s
95th percentile per-packet one-way delay: 21.532 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 45.03 Mbit/s
95th percentile per-packet one-way delay: 20.896 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 28.94 Mbit/s
95th percentile per-packet one-way delay: 21.969 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 21.912 ms
Loss rate: 0.54%
```

## Run 1: Report of CalibratedKoho — Data Link

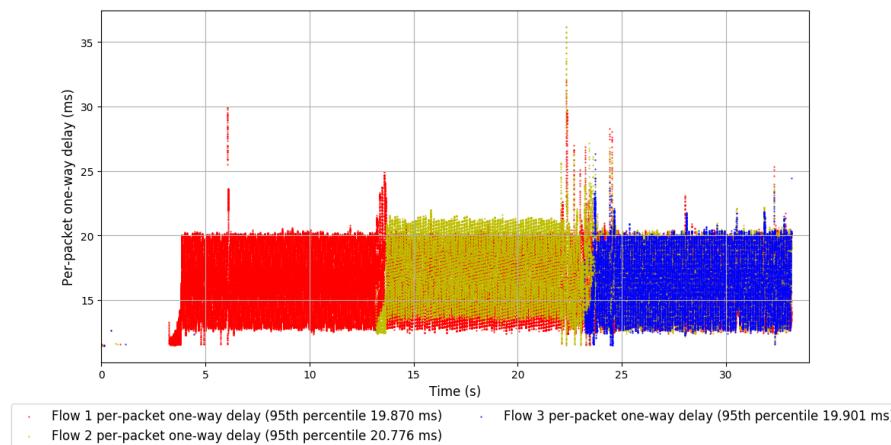
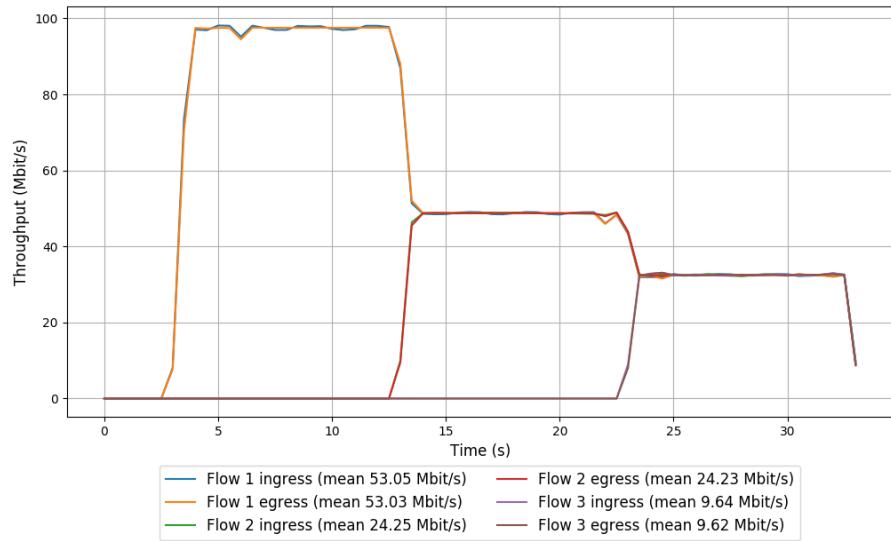


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sat, 01 Jul 2017 12:32:41 +0000
End at: Sat, 01 Jul 2017 12:33:11 +0000
Local clock offset: -0.902 ms
Remote clock offset: -20.393 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 20.033 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 19.870 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 20.776 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 9.62 Mbit/s
95th percentile per-packet one-way delay: 19.901 ms
Loss rate: 0.29%
```

## Run 2: Report of CalibratedKoho — Data Link

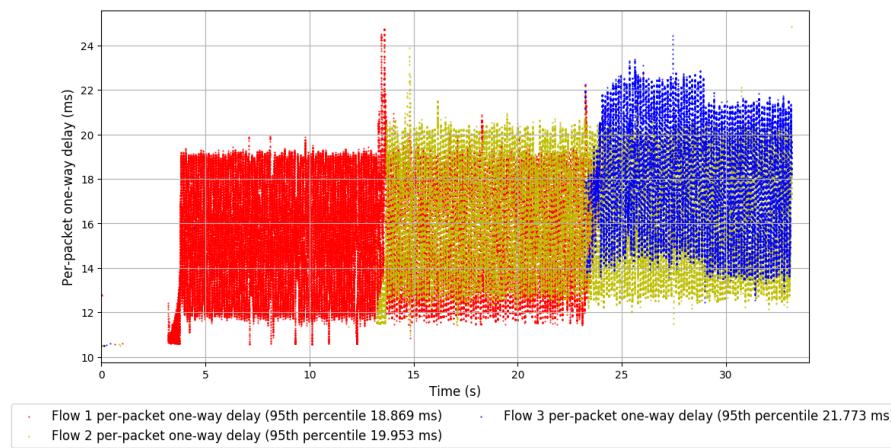
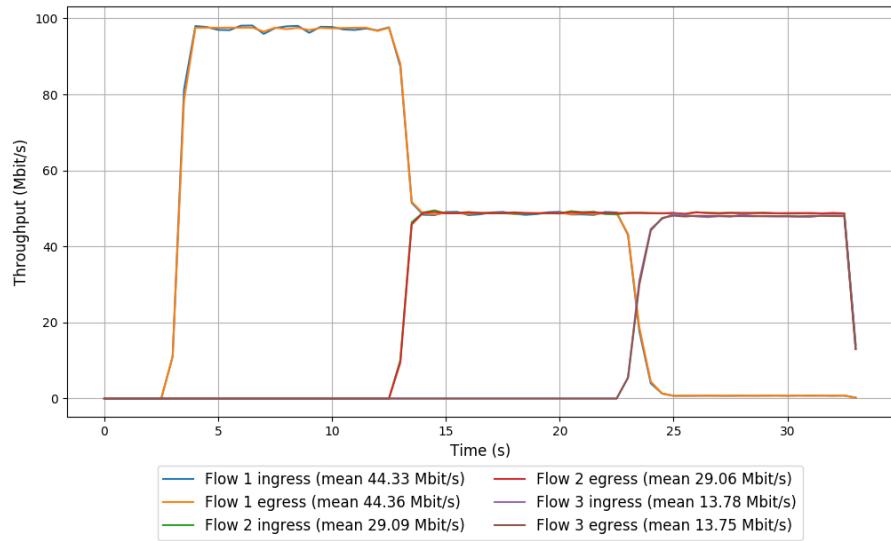


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sat, 01 Jul 2017 12:51:05 +0000
End at: Sat, 01 Jul 2017 12:51:35 +0000
Local clock offset: 1.658 ms
Remote clock offset: -19.597 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 20.117 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 44.36 Mbit/s
95th percentile per-packet one-way delay: 18.869 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 29.06 Mbit/s
95th percentile per-packet one-way delay: 19.953 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 13.75 Mbit/s
95th percentile per-packet one-way delay: 21.773 ms
Loss rate: 0.30%
```

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

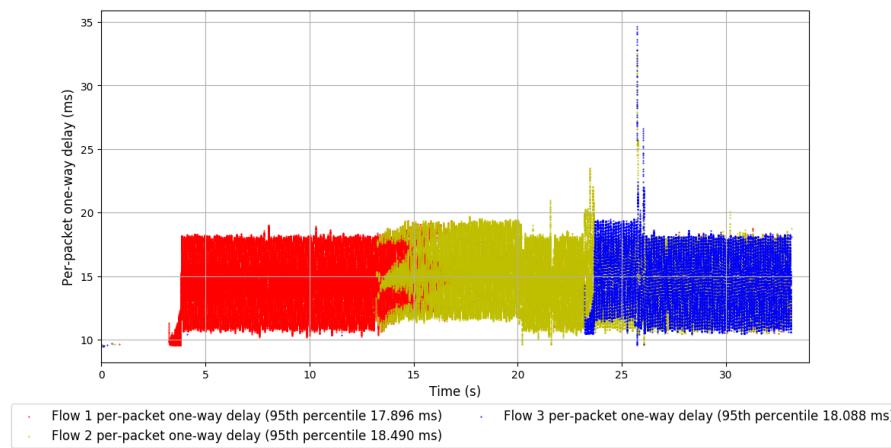
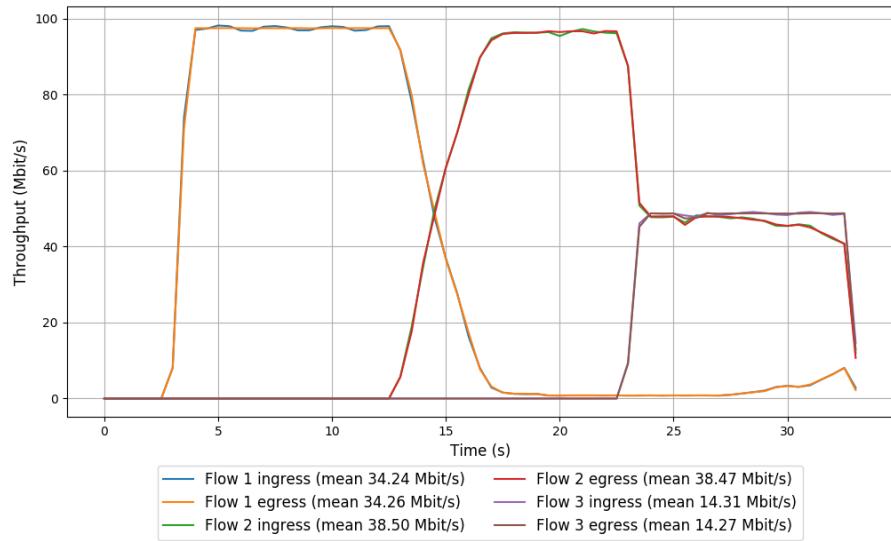


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Sat, 01 Jul 2017 13:09:17 +0000
End at: Sat, 01 Jul 2017 13:09:47 +0000
Local clock offset: 4.763 ms
Remote clock offset: -20.652 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.87 Mbit/s
95th percentile per-packet one-way delay: 18.099 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 17.896 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 18.490 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 18.088 ms
Loss rate: 0.37%
```

## Run 4: Report of CalibratedKoho — Data Link

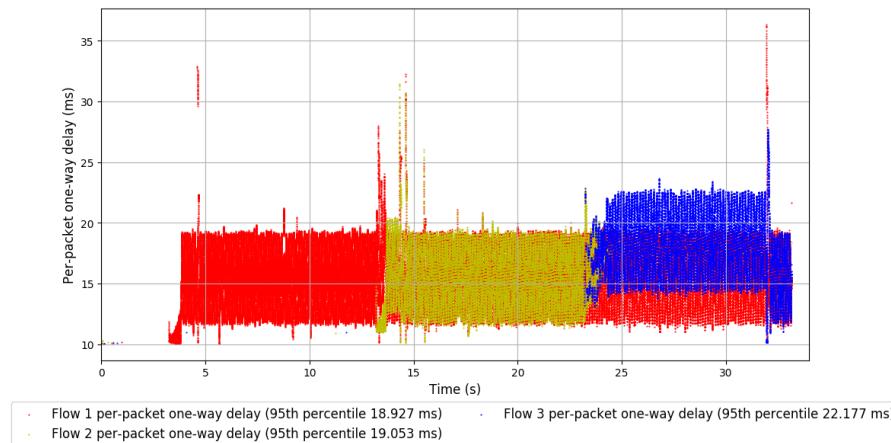
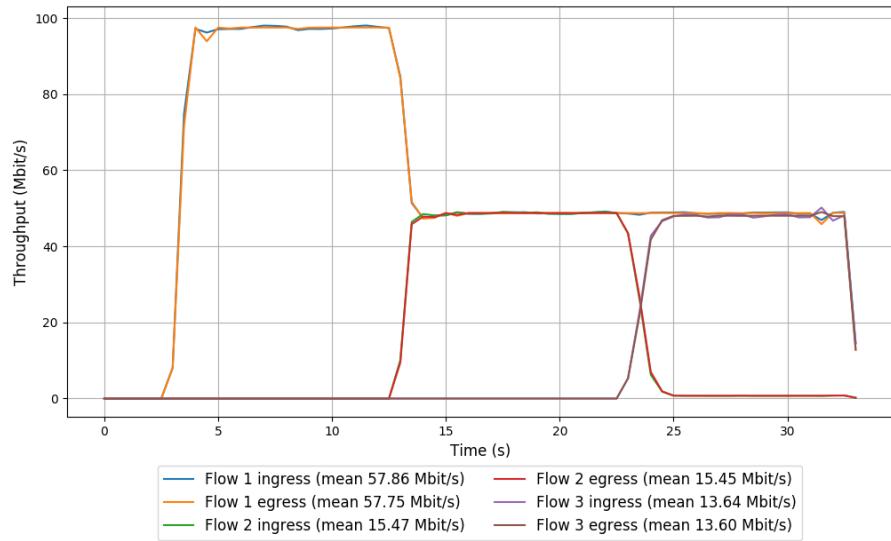


Run 5: Statistics of CalibratedKoho

```
Start at: Sat, 01 Jul 2017 13:27:26 +0000
End at: Sat, 01 Jul 2017 13:27:56 +0000
Local clock offset: 1.103 ms
Remote clock offset: -19.205 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:22:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 20.050 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 18.927 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 15.45 Mbit/s
95th percentile per-packet one-way delay: 19.053 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 13.60 Mbit/s
95th percentile per-packet one-way delay: 22.177 ms
Loss rate: 0.36%
```

## Run 5: Report of CalibratedKoho — Data Link

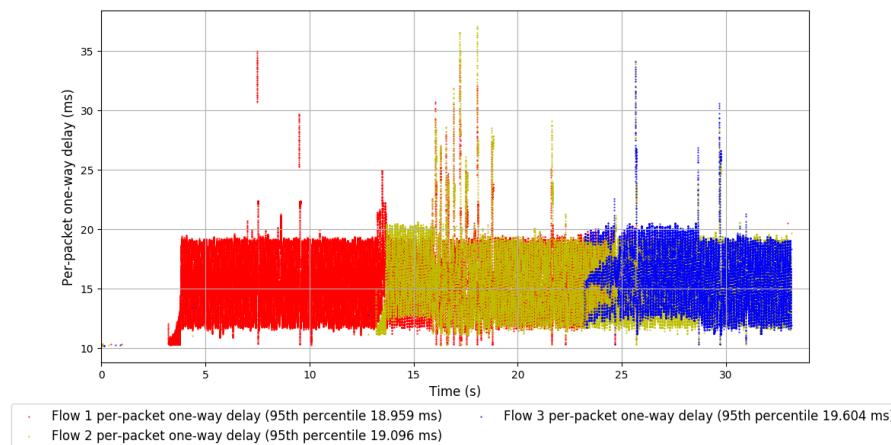
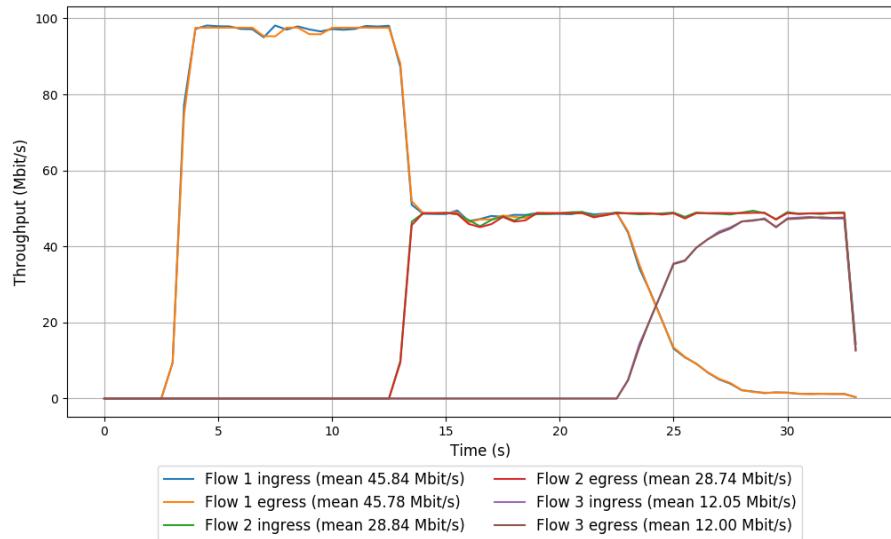


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Sat, 01 Jul 2017 13:45:28 +0000
End at: Sat, 01 Jul 2017 13:45:58 +0000
Local clock offset: 4.677 ms
Remote clock offset: -20.381 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:23:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 19.061 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 45.78 Mbit/s
95th percentile per-packet one-way delay: 18.959 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 19.096 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 12.00 Mbit/s
95th percentile per-packet one-way delay: 19.604 ms
Loss rate: 0.46%
```

## Run 6: Report of CalibratedKoho — Data Link

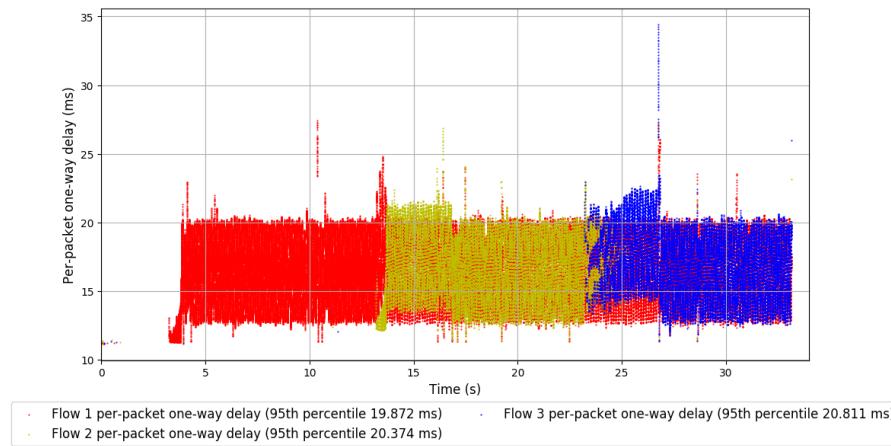
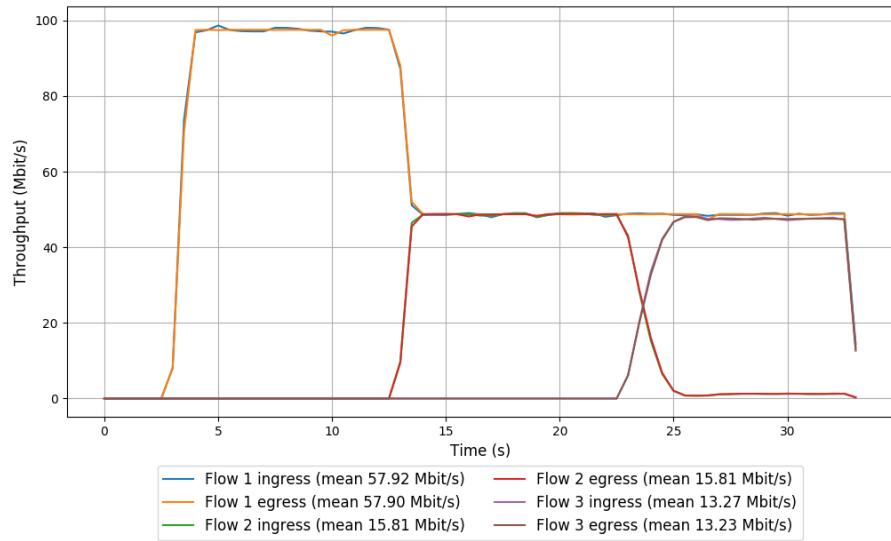


Run 7: Statistics of CalibratedKoho

```
Start at: Sat, 01 Jul 2017 14:03:47 +0000
End at: Sat, 01 Jul 2017 14:04:17 +0000
Local clock offset: 3.66 ms
Remote clock offset: -19.61 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:23:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 20.001 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 19.872 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 20.374 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 20.811 ms
Loss rate: 0.34%
```

## Run 7: Report of CalibratedKoho — Data Link

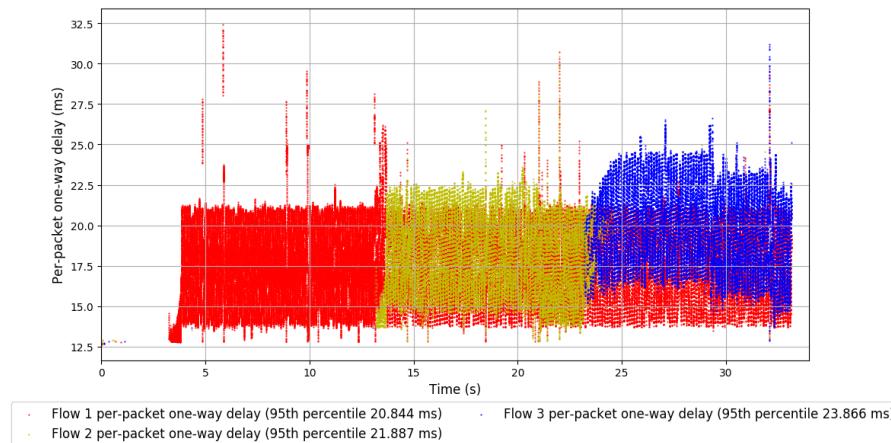
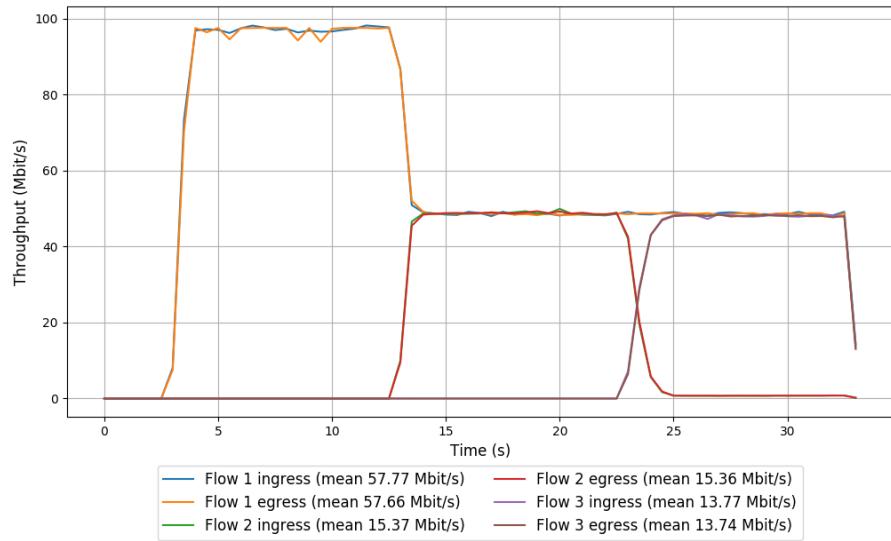


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Sat, 01 Jul 2017 14:21:50 +0000
End at: Sat, 01 Jul 2017 14:22:20 +0000
Local clock offset: 1.698 ms
Remote clock offset: -18.344 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:23:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 21.992 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 20.844 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 15.36 Mbit/s
95th percentile per-packet one-way delay: 21.887 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 13.74 Mbit/s
95th percentile per-packet one-way delay: 23.866 ms
Loss rate: 0.32%
```

## Run 8: Report of CalibratedKoho — Data Link

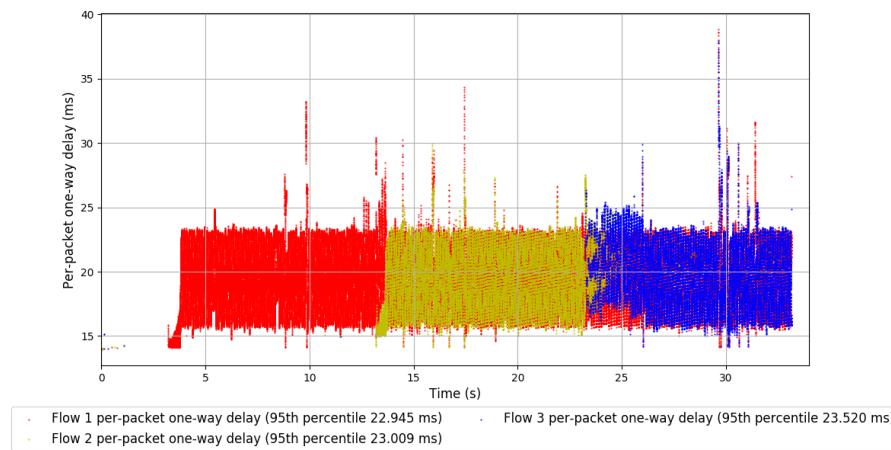
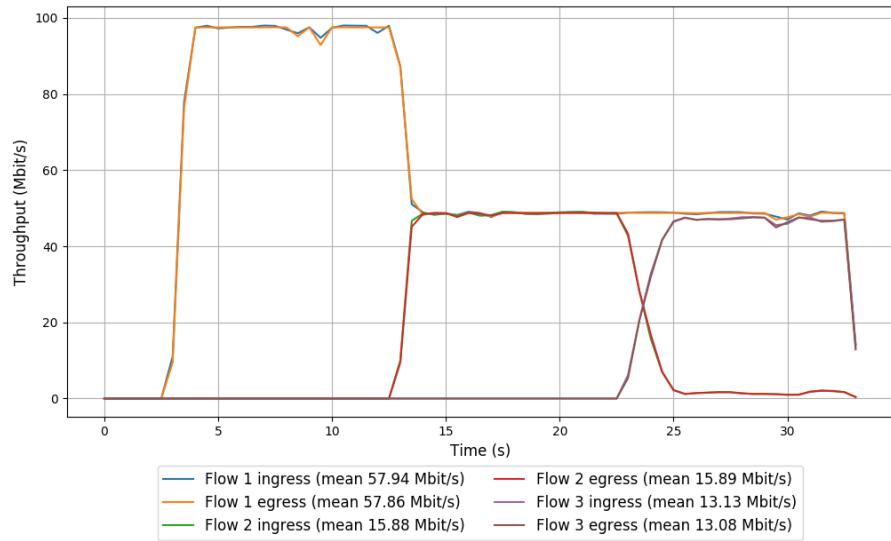


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Sat, 01 Jul 2017 14:40:08 +0000
End at: Sat, 01 Jul 2017 14:40:38 +0000
Local clock offset: 1.533 ms
Remote clock offset: -16.543 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:23:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 23.007 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 57.86 Mbit/s
95th percentile per-packet one-way delay: 22.945 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 23.009 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 23.520 ms
Loss rate: 0.42%
```

## Run 9: Report of CalibratedKoho — Data Link

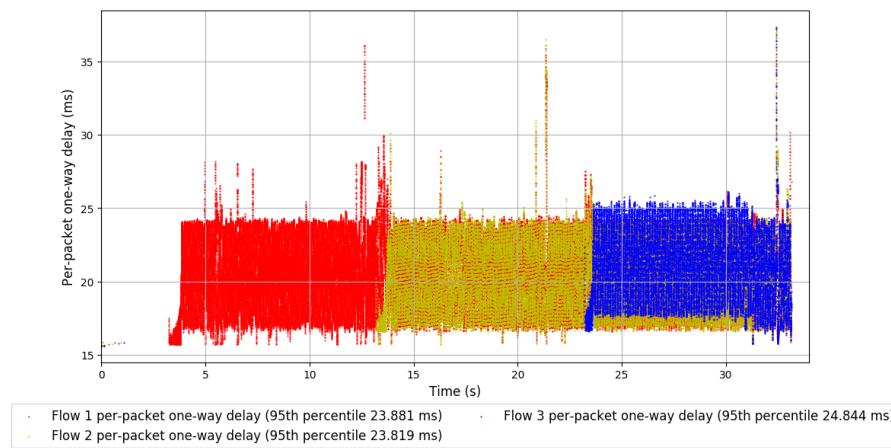
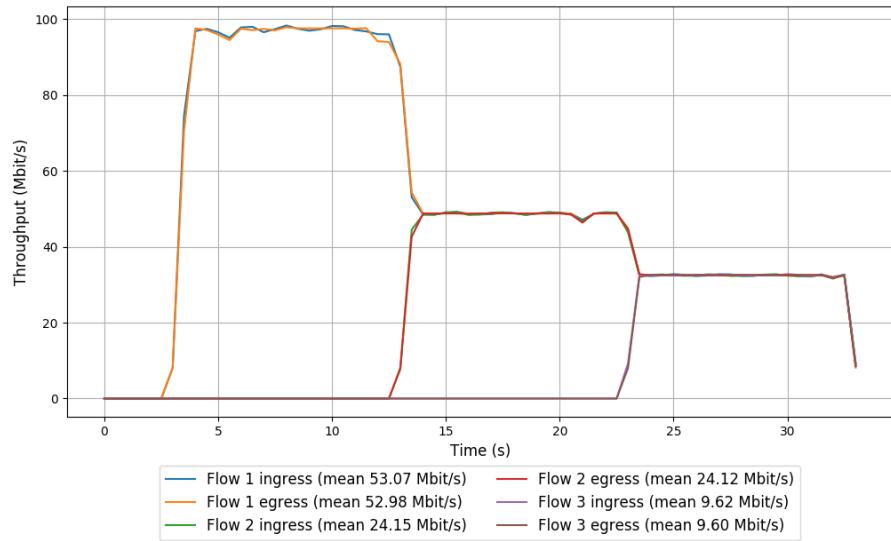


```
Run 10: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 14:58:58 +0000
End at: Sat, 01 Jul 2017 14:59:28 +0000
Local clock offset: 1.9 ms
Remote clock offset: -16.093 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:23:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 23.951 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 52.98 Mbit/s
95th percentile per-packet one-way delay: 23.881 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 23.819 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 9.60 Mbit/s
95th percentile per-packet one-way delay: 24.844 ms
Loss rate: 0.32%
```

## Run 10: Report of CalibratedKoho — Data Link

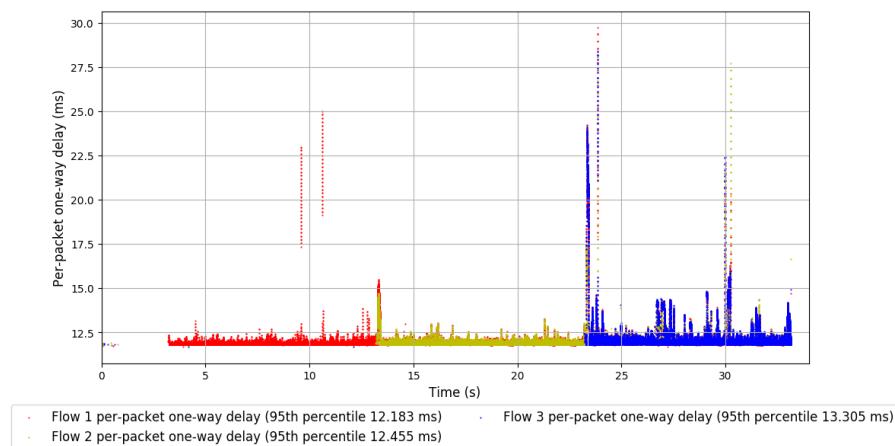
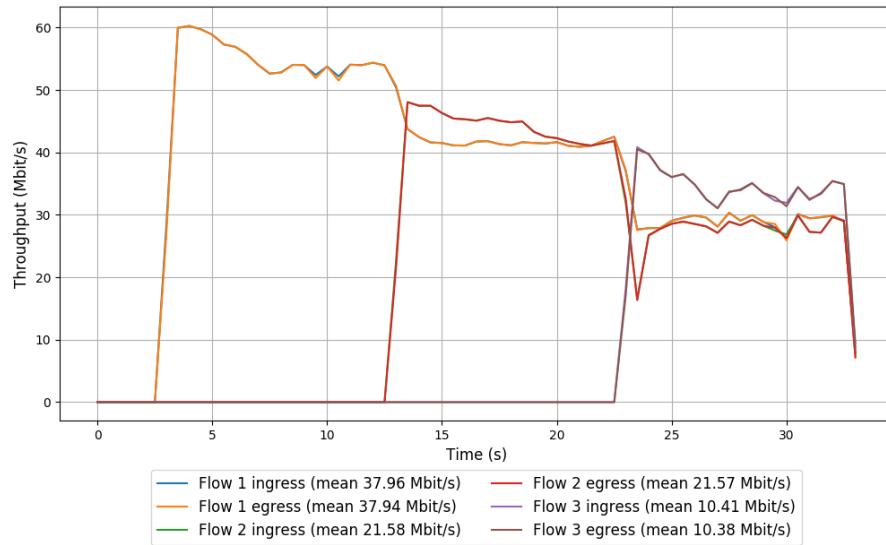


Run 1: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 12:26:28 +0000
End at: Sat, 01 Jul 2017 12:26:58 +0000
Local clock offset: -1.979 ms
Remote clock offset: -14.895 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:23:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.83 Mbit/s
95th percentile per-packet one-way delay: 12.411 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 37.94 Mbit/s
95th percentile per-packet one-way delay: 12.183 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 21.57 Mbit/s
95th percentile per-packet one-way delay: 12.455 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 10.38 Mbit/s
95th percentile per-packet one-way delay: 13.305 ms
Loss rate: 0.28%
```

## Run 1: Report of Copa — Data Link

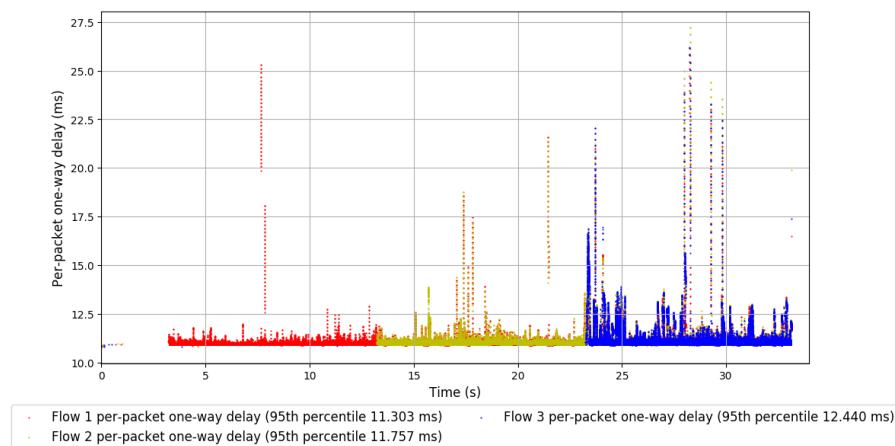
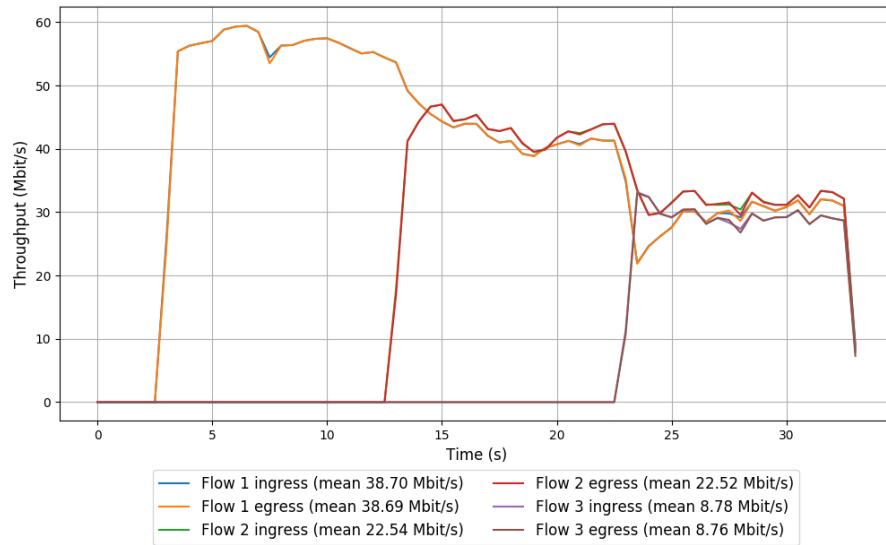


Run 2: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 12:44:46 +0000
End at: Sat, 01 Jul 2017 12:45:16 +0000
Local clock offset: 3.214 ms
Remote clock offset: -19.789 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:23:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.90 Mbit/s
95th percentile per-packet one-way delay: 11.647 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 38.69 Mbit/s
95th percentile per-packet one-way delay: 11.303 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 22.52 Mbit/s
95th percentile per-packet one-way delay: 11.757 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 12.440 ms
Loss rate: 0.29%
```

## Run 2: Report of Copa — Data Link

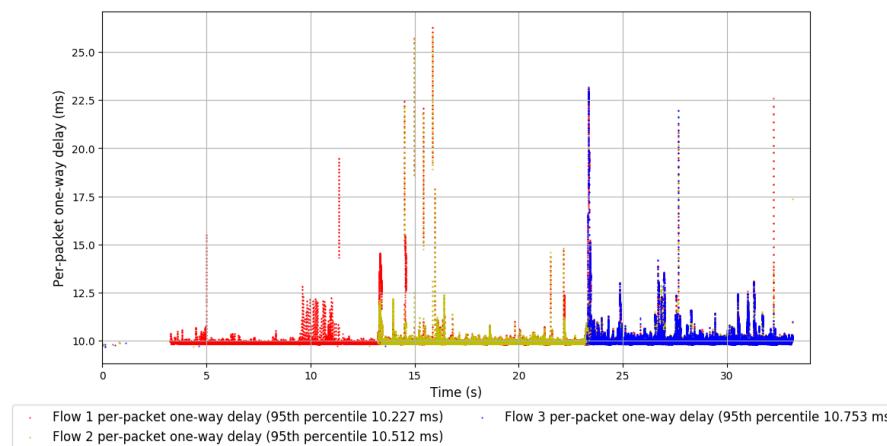
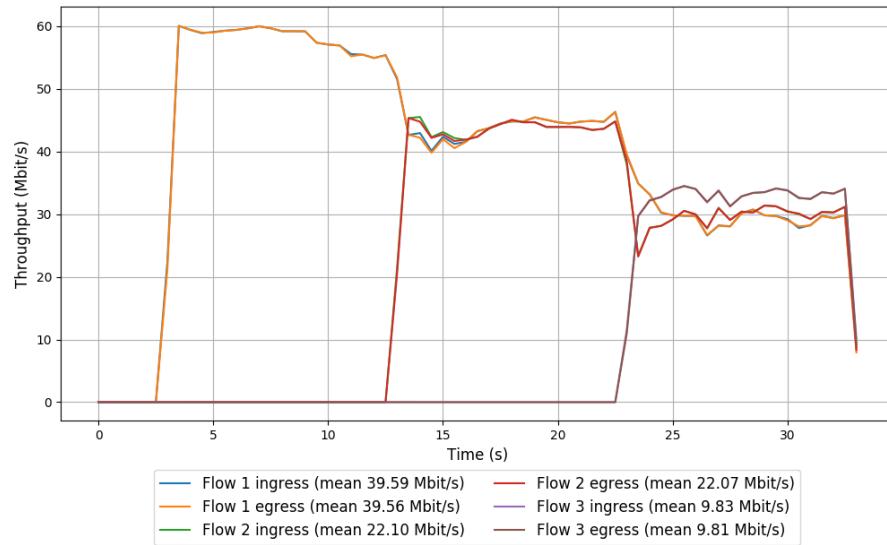


Run 3: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 13:03:11 +0000
End at: Sat, 01 Jul 2017 13:03:41 +0000
Local clock offset: 3.534 ms
Remote clock offset: -19.02 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:24:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.36 Mbit/s
95th percentile per-packet one-way delay: 10.406 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 39.56 Mbit/s
95th percentile per-packet one-way delay: 10.227 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 22.07 Mbit/s
95th percentile per-packet one-way delay: 10.512 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 9.81 Mbit/s
95th percentile per-packet one-way delay: 10.753 ms
Loss rate: 0.26%
```

### Run 3: Report of Copa — Data Link

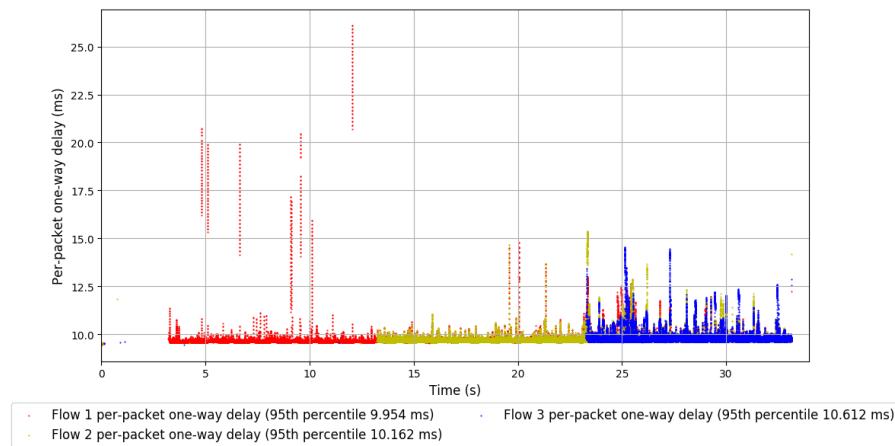
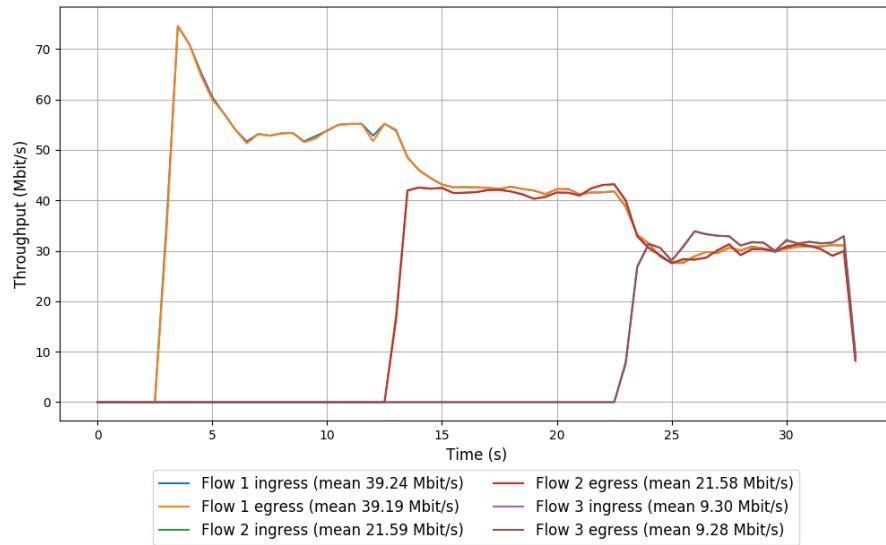


Run 4: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 13:21:13 +0000
End at: Sat, 01 Jul 2017 13:21:43 +0000
Local clock offset: 4.486 ms
Remote clock offset: -18.947 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:24:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.98 Mbit/s
95th percentile per-packet one-way delay: 10.122 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 9.954 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 21.58 Mbit/s
95th percentile per-packet one-way delay: 10.162 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 10.612 ms
Loss rate: 0.27%
```

## Run 4: Report of Copa — Data Link

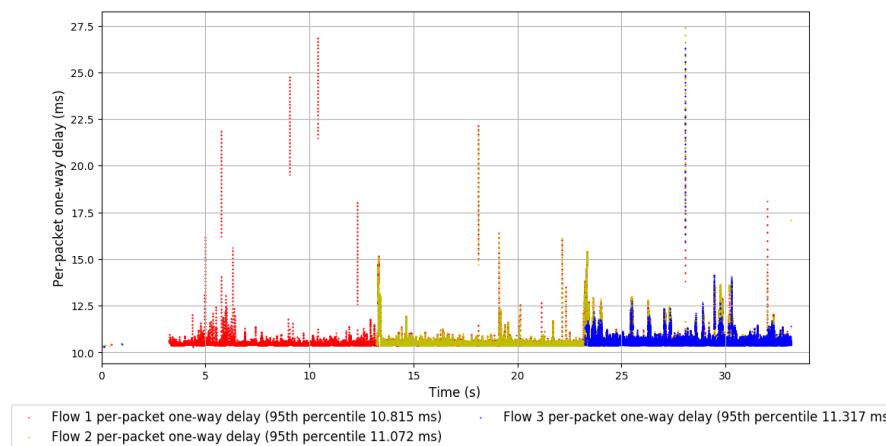
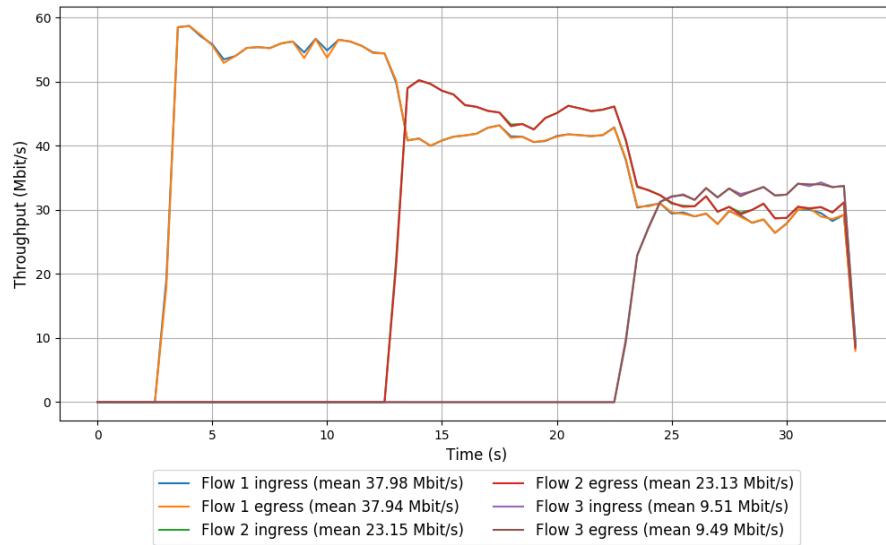


Run 5: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 13:39:21 +0000
End at: Sat, 01 Jul 2017 13:39:51 +0000
Local clock offset: 5.647 ms
Remote clock offset: -21.011 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:24:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.48 Mbit/s
95th percentile per-packet one-way delay: 10.997 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 37.94 Mbit/s
95th percentile per-packet one-way delay: 10.815 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 23.13 Mbit/s
95th percentile per-packet one-way delay: 11.072 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 11.317 ms
Loss rate: 0.29%
```

## Run 5: Report of Copa — Data Link

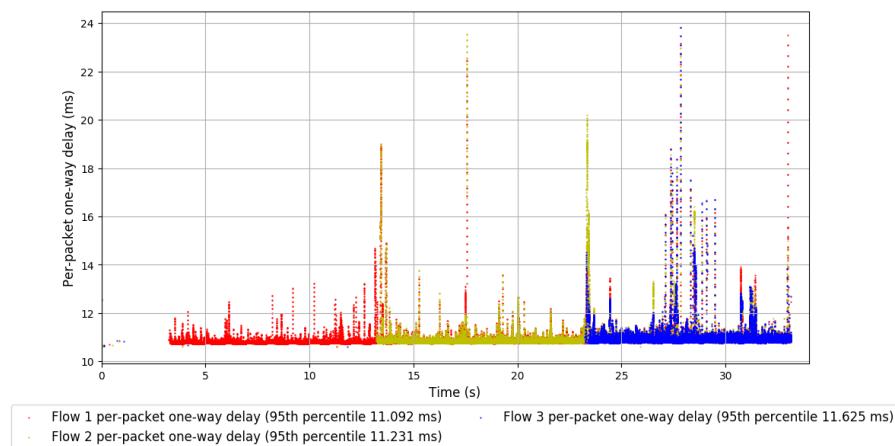
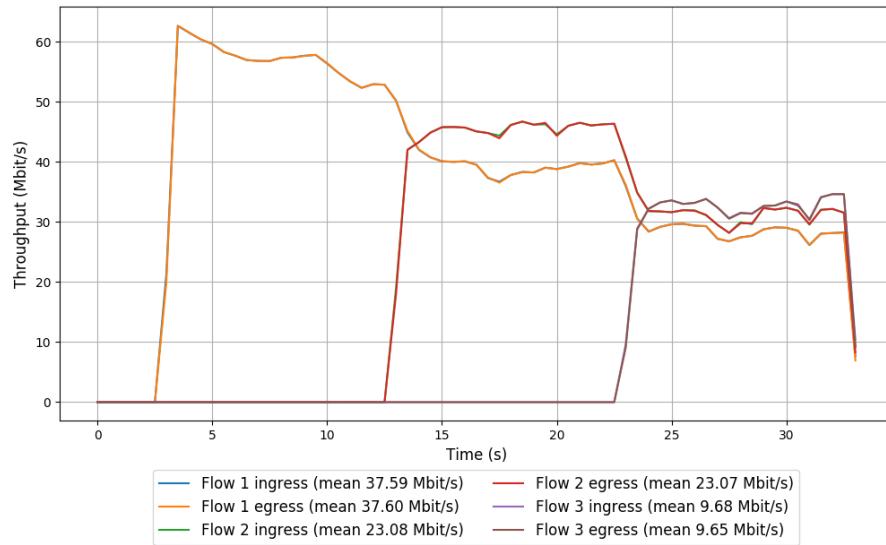


Run 6: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 13:57:36 +0000
End at: Sat, 01 Jul 2017 13:58:06 +0000
Local clock offset: 3.122 ms
Remote clock offset: -19.229 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:24:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.25 Mbit/s
95th percentile per-packet one-way delay: 11.187 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 37.60 Mbit/s
95th percentile per-packet one-way delay: 11.092 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 23.07 Mbit/s
95th percentile per-packet one-way delay: 11.231 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 9.65 Mbit/s
95th percentile per-packet one-way delay: 11.625 ms
Loss rate: 0.30%
```

## Run 6: Report of Copa — Data Link

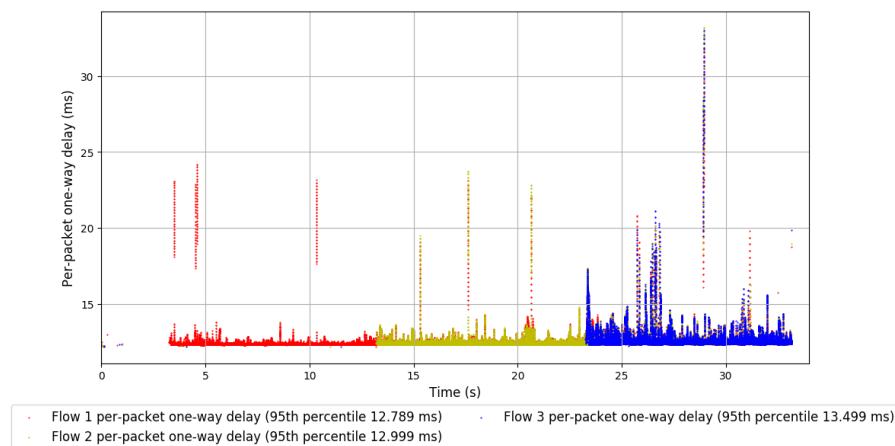
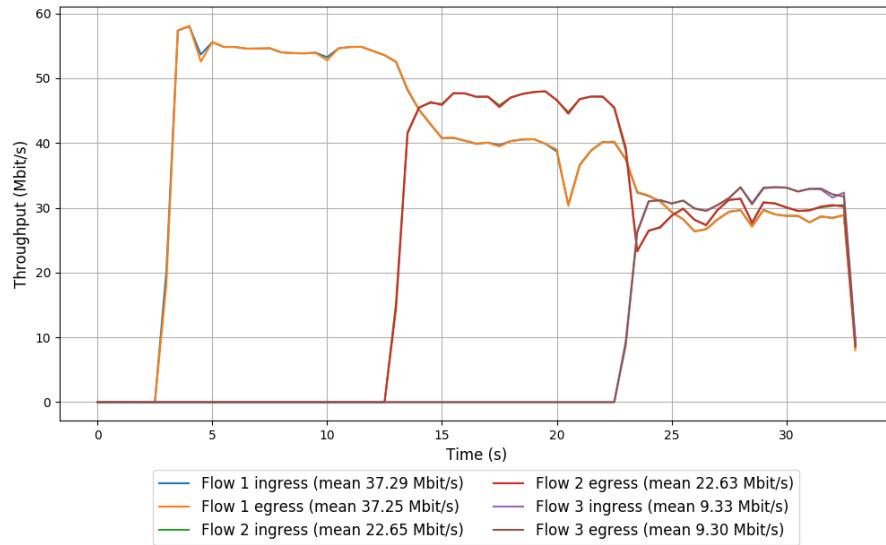


Run 7: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 14:15:38 +0000
End at: Sat, 01 Jul 2017 14:16:08 +0000
Local clock offset: 2.561 ms
Remote clock offset: -18.295 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:24:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.12 Mbit/s
95th percentile per-packet one-way delay: 12.961 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 37.25 Mbit/s
95th percentile per-packet one-way delay: 12.789 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 22.63 Mbit/s
95th percentile per-packet one-way delay: 12.999 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 13.499 ms
Loss rate: 0.32%
```

## Run 7: Report of Copa — Data Link

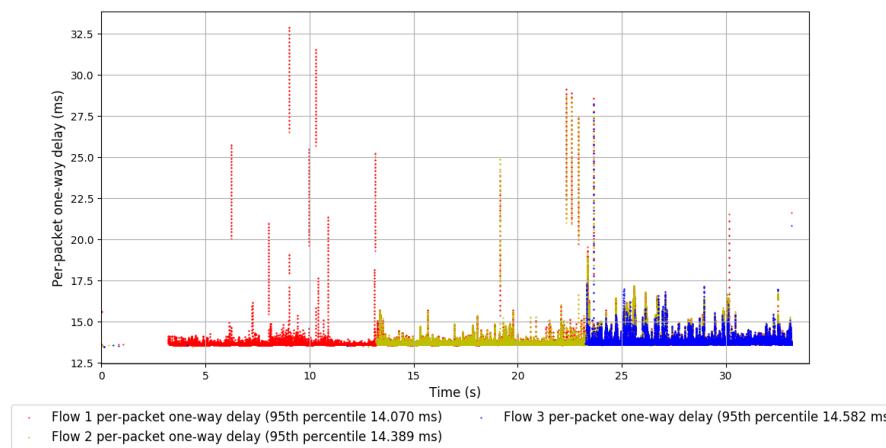
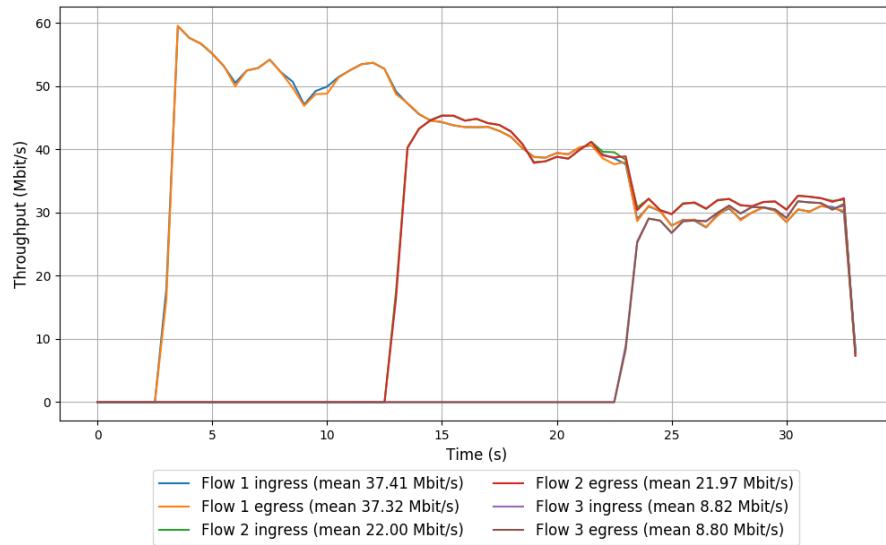


Run 8: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 14:33:55 +0000
End at: Sat, 01 Jul 2017 14:34:25 +0000
Local clock offset: -0.433 ms
Remote clock offset: -16.345 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:24:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.02 Mbit/s
95th percentile per-packet one-way delay: 14.309 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 37.32 Mbit/s
95th percentile per-packet one-way delay: 14.070 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 21.97 Mbit/s
95th percentile per-packet one-way delay: 14.389 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 14.582 ms
Loss rate: 0.27%
```

## Run 8: Report of Copa — Data Link

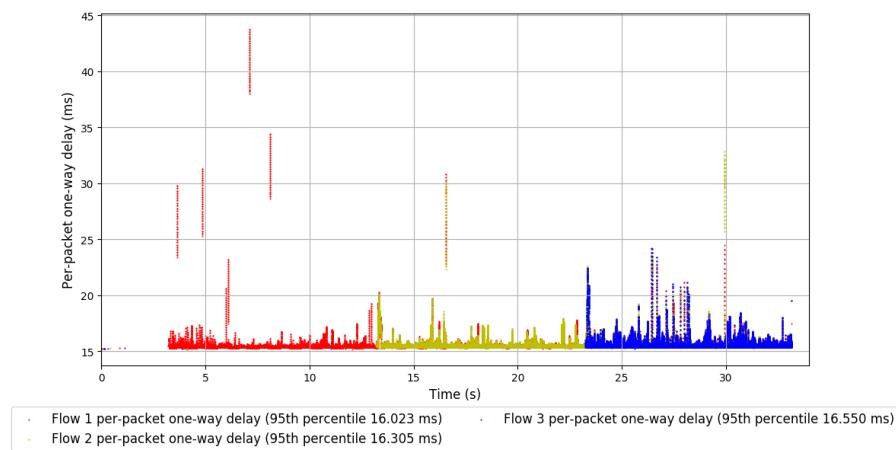
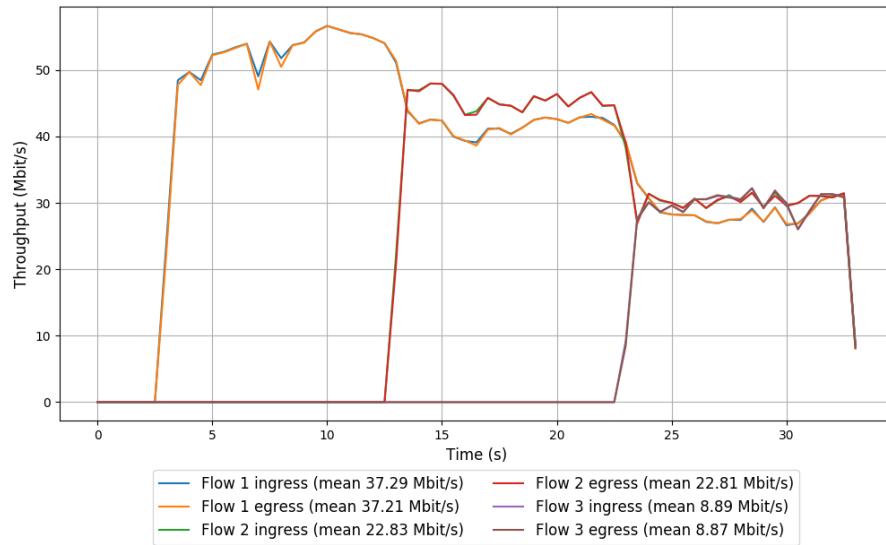


Run 9: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 14:52:37 +0000
End at: Sat, 01 Jul 2017 14:53:07 +0000
Local clock offset: -0.483 ms
Remote clock offset: -16.372 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.82 Mbit/s
95th percentile per-packet one-way delay: 16.221 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 37.21 Mbit/s
95th percentile per-packet one-way delay: 16.023 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 22.81 Mbit/s
95th percentile per-packet one-way delay: 16.305 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 8.87 Mbit/s
95th percentile per-packet one-way delay: 16.550 ms
Loss rate: 0.25%
```

## Run 9: Report of Copa — Data Link

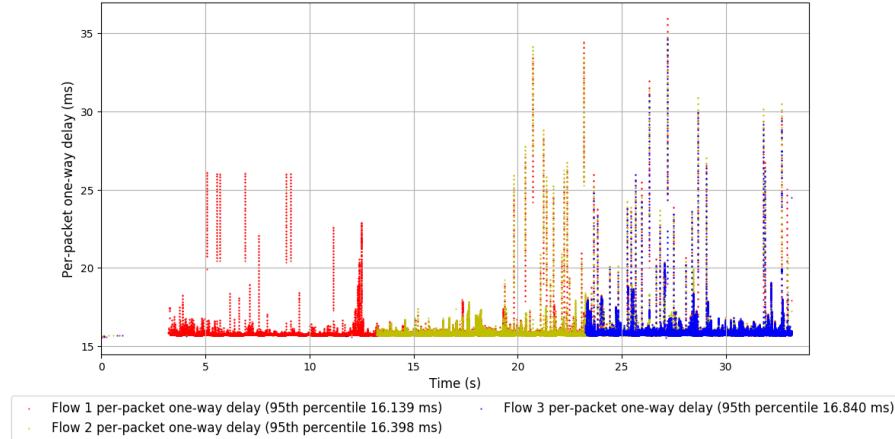
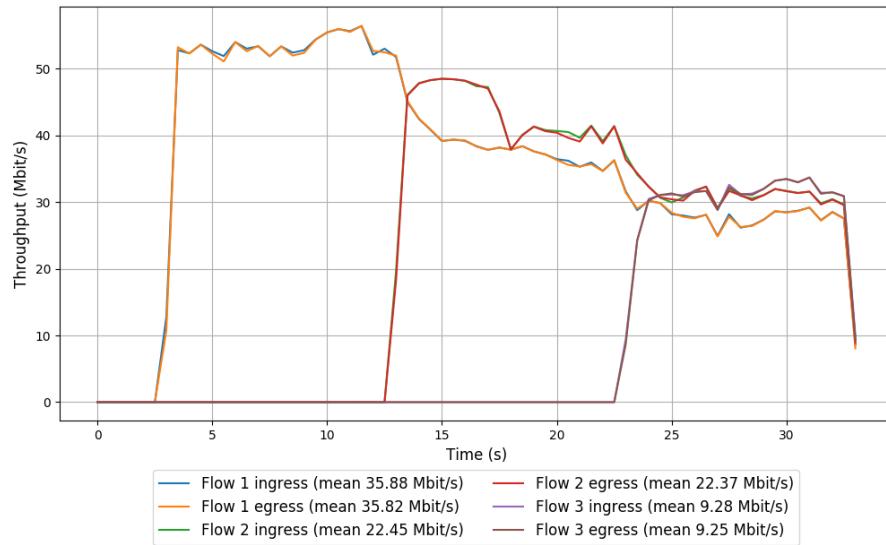


Run 10: Statistics of Copa

```
Start at: Sat, 01 Jul 2017 15:11:01 +0000
End at: Sat, 01 Jul 2017 15:11:31 +0000
Local clock offset: -0.709 ms
Remote clock offset: -17.051 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.36 Mbit/s
95th percentile per-packet one-way delay: 16.342 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 35.82 Mbit/s
95th percentile per-packet one-way delay: 16.139 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 16.398 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 9.25 Mbit/s
95th percentile per-packet one-way delay: 16.840 ms
Loss rate: 0.39%
```

## Run 10: Report of Copa — Data Link

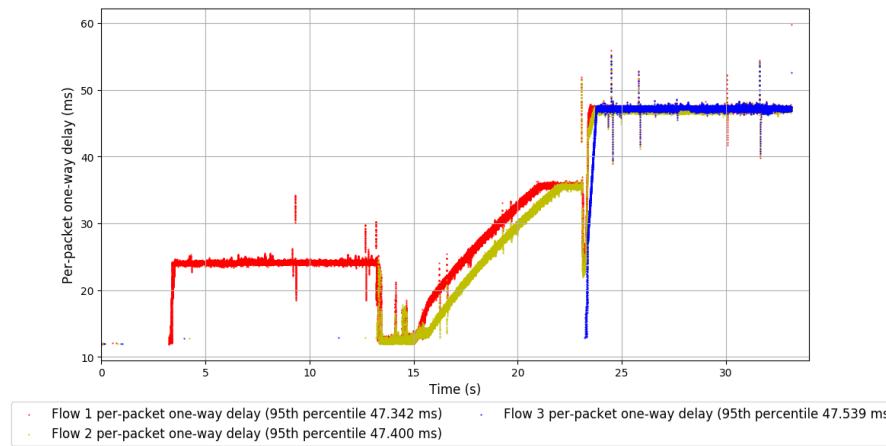
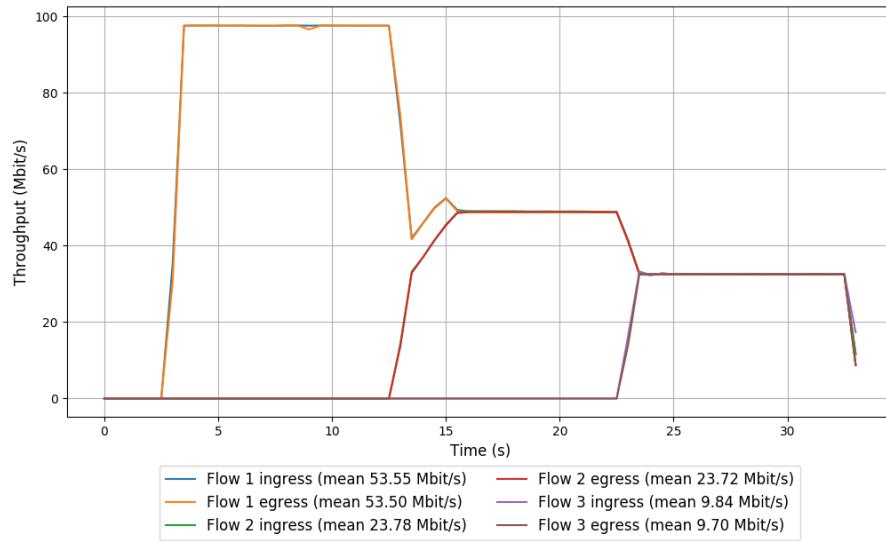


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Sat, 01 Jul 2017 12:16:50 +0000
End at: Sat, 01 Jul 2017 12:17:20 +0000
Local clock offset: 3.026 ms
Remote clock offset: -18.136 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 47.412 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 53.50 Mbit/s
95th percentile per-packet one-way delay: 47.342 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 47.400 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 47.539 ms
Loss rate: 1.79%
```

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

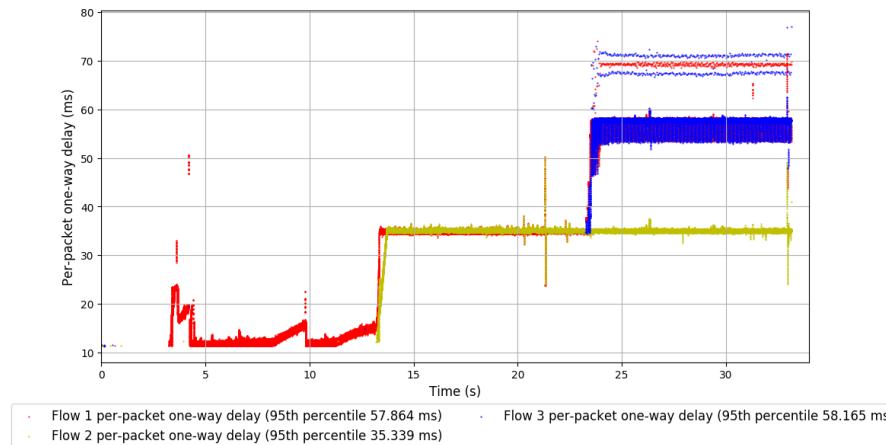
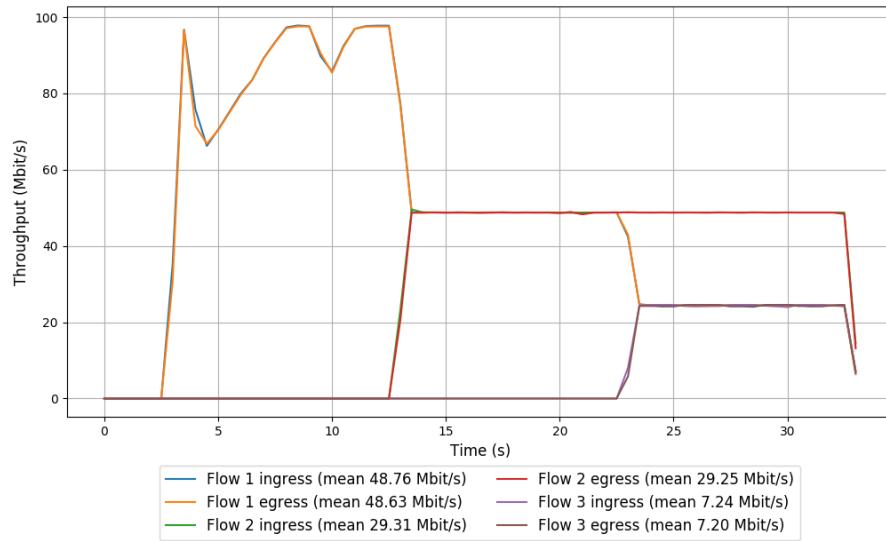


Run 2: Statistics of TCP Cubic

```
Start at: Sat, 01 Jul 2017 12:35:09 +0000
End at: Sat, 01 Jul 2017 12:35:39 +0000
Local clock offset: -1.65 ms
Remote clock offset: -18.077 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.00 Mbit/s
95th percentile per-packet one-way delay: 57.893 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 48.63 Mbit/s
95th percentile per-packet one-way delay: 57.864 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 35.339 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 58.165 ms
Loss rate: 0.70%
```

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

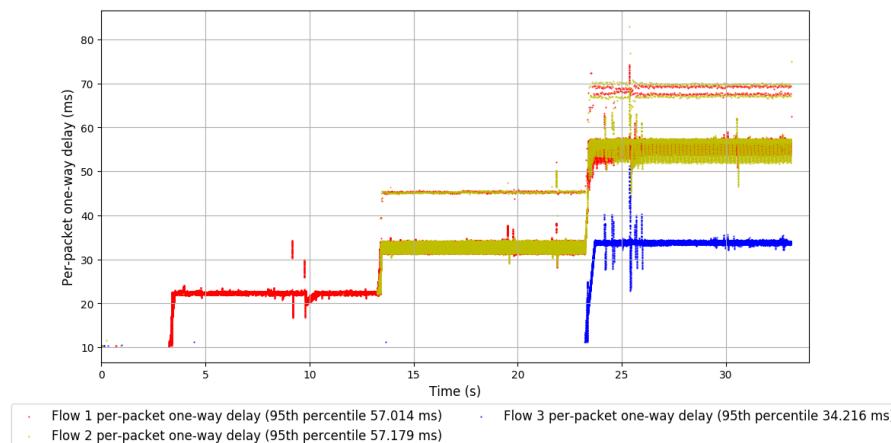
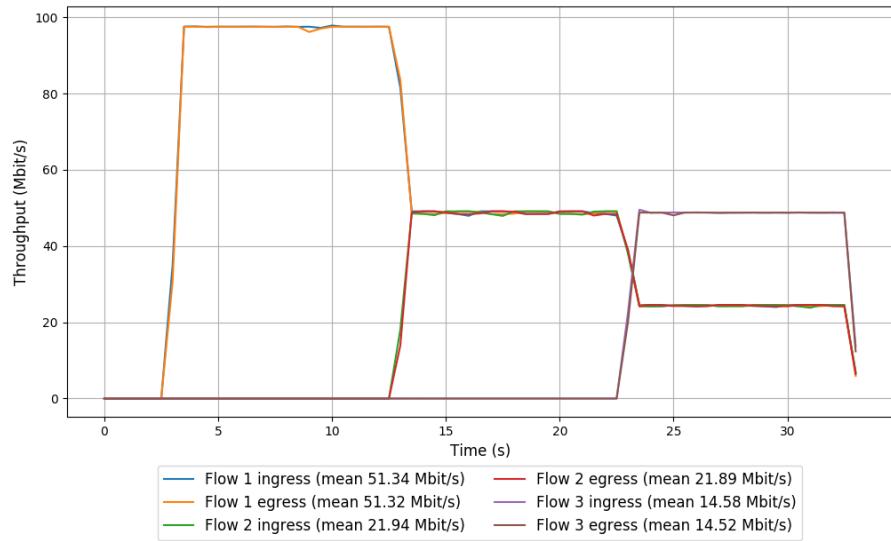


Run 3: Statistics of TCP Cubic

```
Start at: Sat, 01 Jul 2017 12:53:39 +0000
End at: Sat, 01 Jul 2017 12:54:09 +0000
Local clock offset: 1.339 ms
Remote clock offset: -18.783 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 57.061 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 51.32 Mbit/s
95th percentile per-packet one-way delay: 57.014 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 21.89 Mbit/s
95th percentile per-packet one-way delay: 57.179 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 34.216 ms
Loss rate: 0.55%
```

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

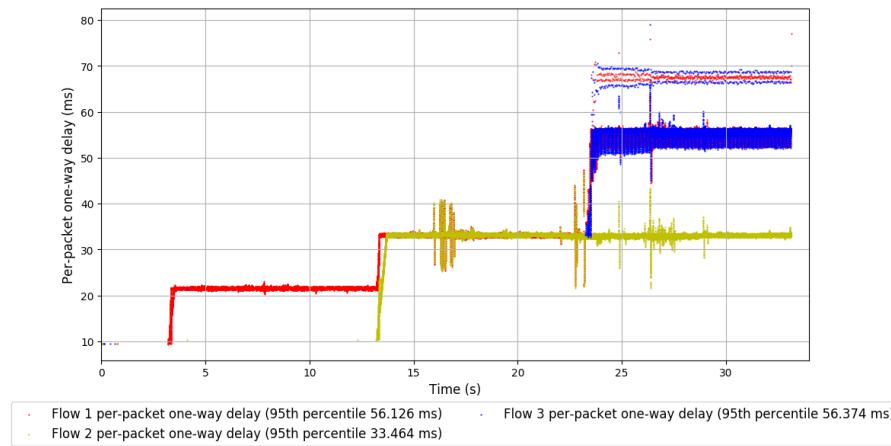
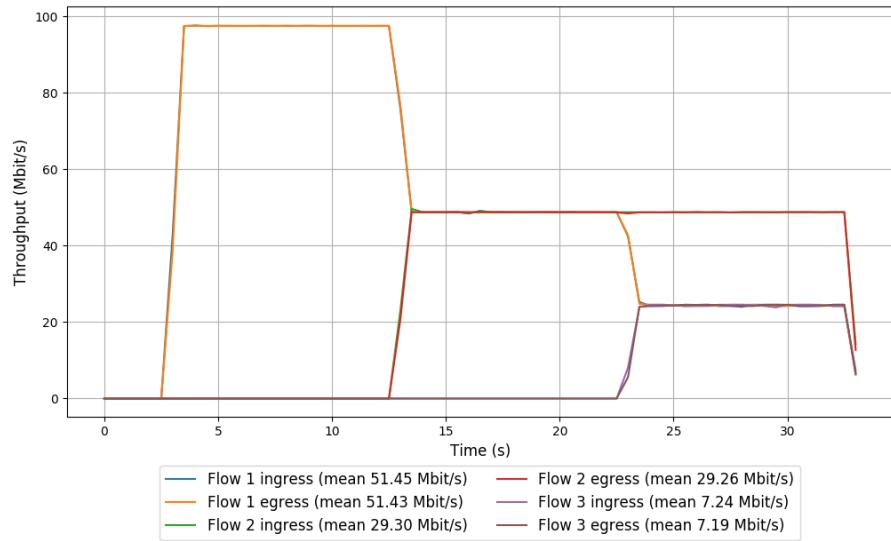


Run 4: Statistics of TCP Cubic

```
Start at: Sat, 01 Jul 2017 13:11:47 +0000
End at: Sat, 01 Jul 2017 13:12:17 +0000
Local clock offset: 4.289 ms
Remote clock offset: -20.65 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 56.168 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 56.126 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 29.26 Mbit/s
95th percentile per-packet one-way delay: 33.464 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 7.19 Mbit/s
95th percentile per-packet one-way delay: 56.374 ms
Loss rate: 0.73%
```

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

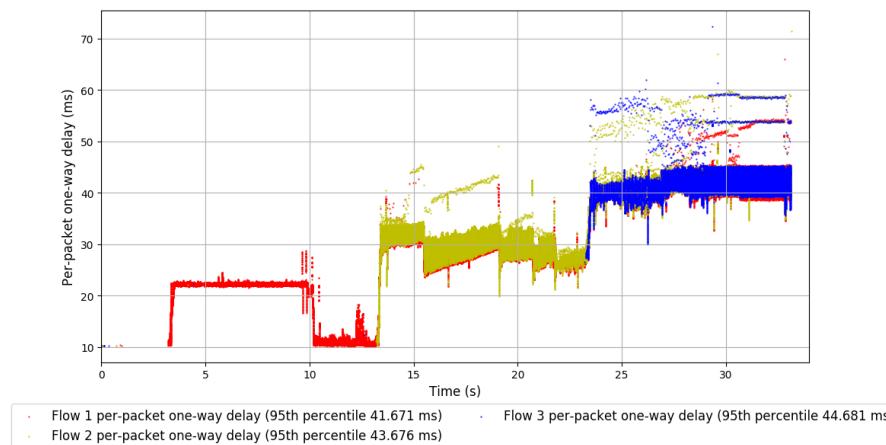
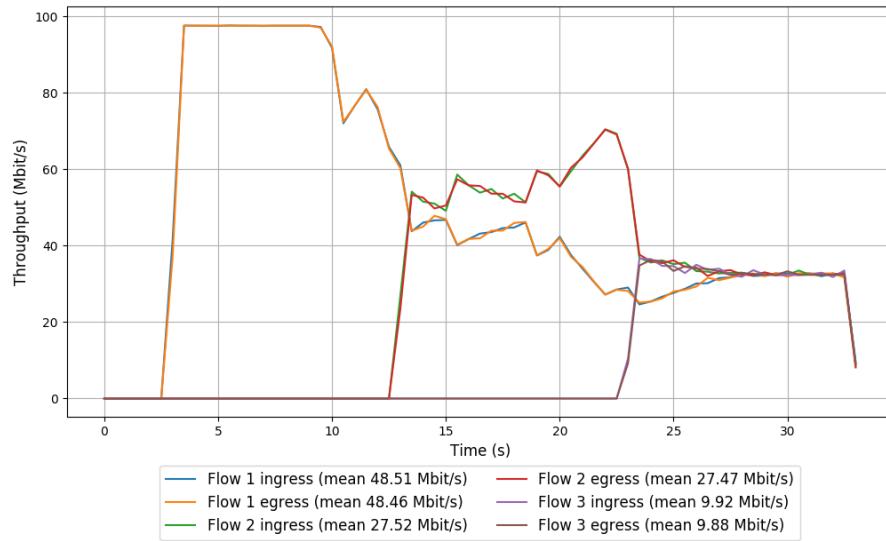


Run 5: Statistics of TCP Cubic

```
Start at: Sat, 01 Jul 2017 13:29:53 +0000
End at: Sat, 01 Jul 2017 13:30:23 +0000
Local clock offset: 1.09 ms
Remote clock offset: -20.121 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 43.446 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 41.671 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 27.47 Mbit/s
95th percentile per-packet one-way delay: 43.676 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 9.88 Mbit/s
95th percentile per-packet one-way delay: 44.681 ms
Loss rate: 0.51%
```

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

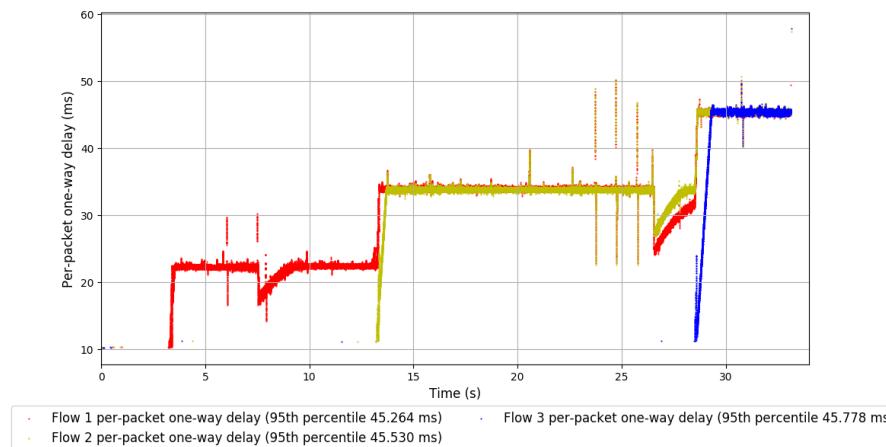
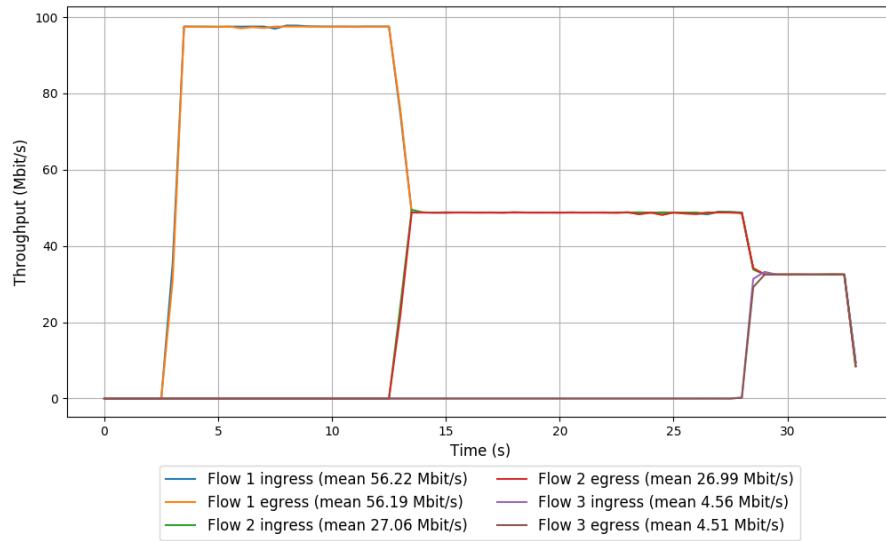


Run 6: Statistics of TCP Cubic

```
Start at: Sat, 01 Jul 2017 13:47:57 +0000
End at: Sat, 01 Jul 2017 13:48:27 +0000
Local clock offset: 4.249 ms
Remote clock offset: -19.687 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 45.530 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 45.264 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 45.530 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 45.778 ms
Loss rate: 1.30%
```

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

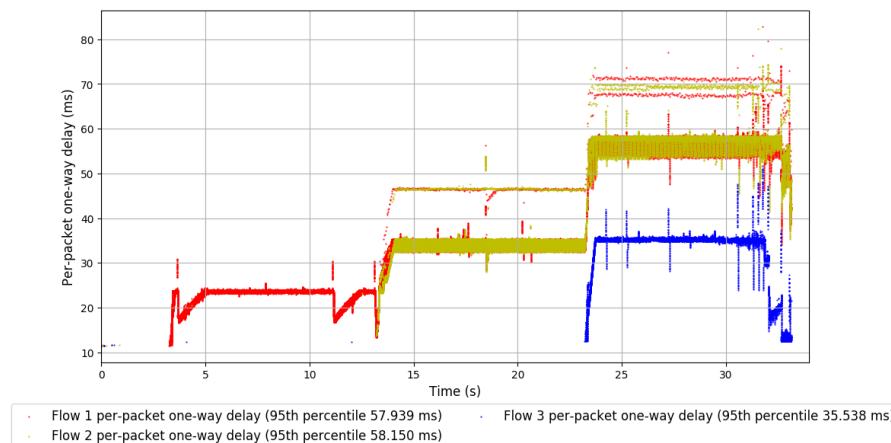
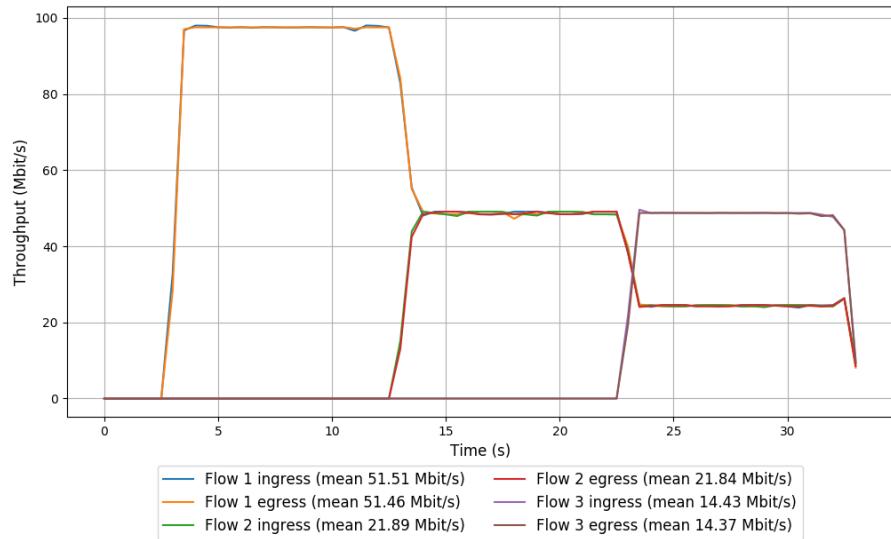


Run 7: Statistics of TCP Cubic

```
Start at: Sat, 01 Jul 2017 14:06:15 +0000
End at: Sat, 01 Jul 2017 14:06:45 +0000
Local clock offset: 3.289 ms
Remote clock offset: -17.681 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 57.984 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 51.46 Mbit/s
95th percentile per-packet one-way delay: 57.939 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 21.84 Mbit/s
95th percentile per-packet one-way delay: 58.150 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 14.37 Mbit/s
95th percentile per-packet one-way delay: 35.538 ms
Loss rate: 0.46%
```

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

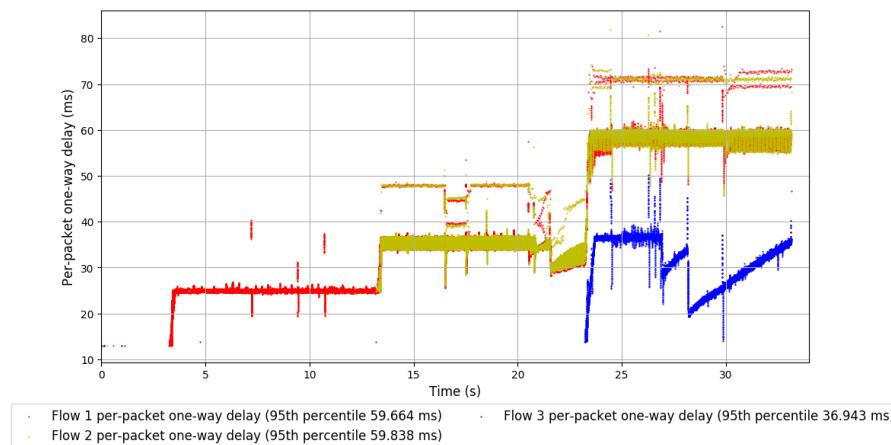
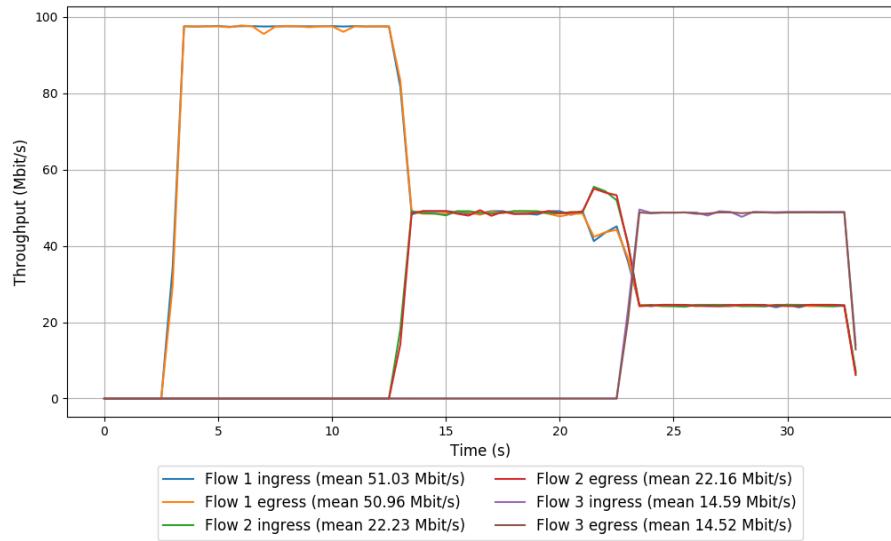


Run 8: Statistics of TCP Cubic

```
Start at: Sat, 01 Jul 2017 14:24:13 +0000
End at: Sat, 01 Jul 2017 14:24:43 +0000
Local clock offset: 3.494 ms
Remote clock offset: -18.158 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:25:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.55 Mbit/s
95th percentile per-packet one-way delay: 59.712 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 50.96 Mbit/s
95th percentile per-packet one-way delay: 59.664 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 59.838 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 36.943 ms
Loss rate: 0.58%
```

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

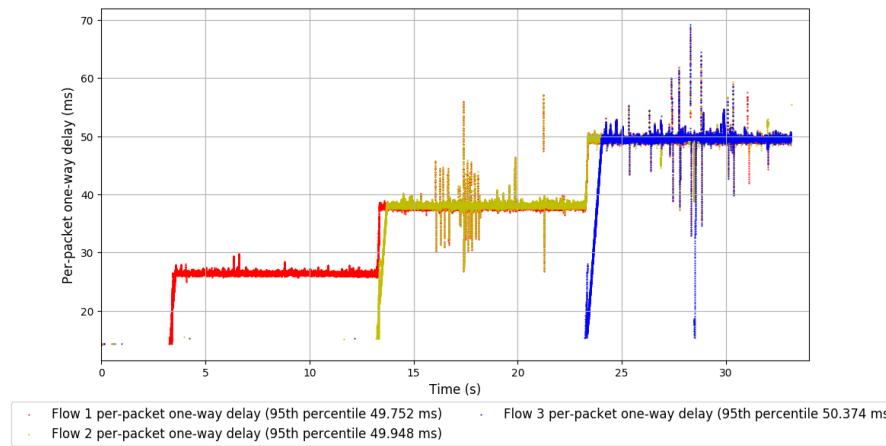
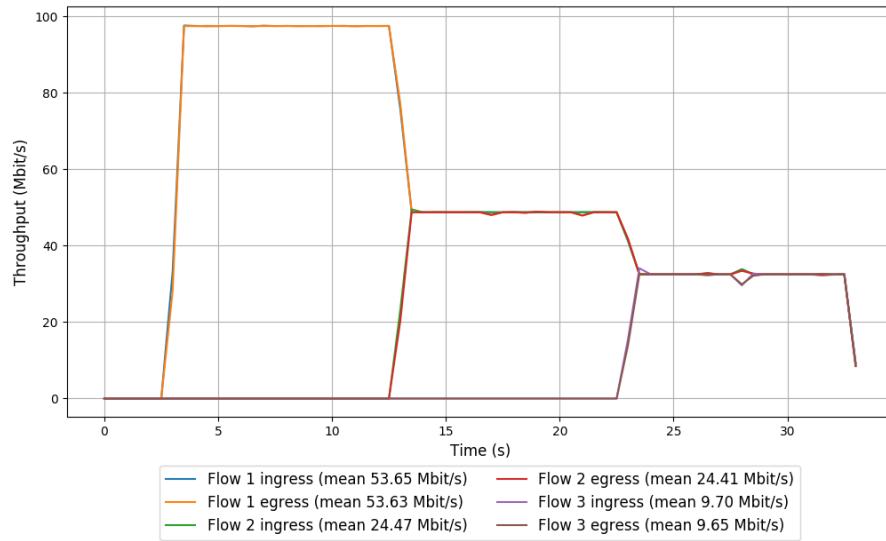


Run 9: Statistics of TCP Cubic

```
Start at: Sat, 01 Jul 2017 14:42:47 +0000
End at: Sat, 01 Jul 2017 14:43:17 +0000
Local clock offset: 0.981 ms
Remote clock offset: -16.681 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 49.893 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: 49.752 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 49.948 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 9.65 Mbit/s
95th percentile per-packet one-way delay: 50.374 ms
Loss rate: 0.64%
```

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

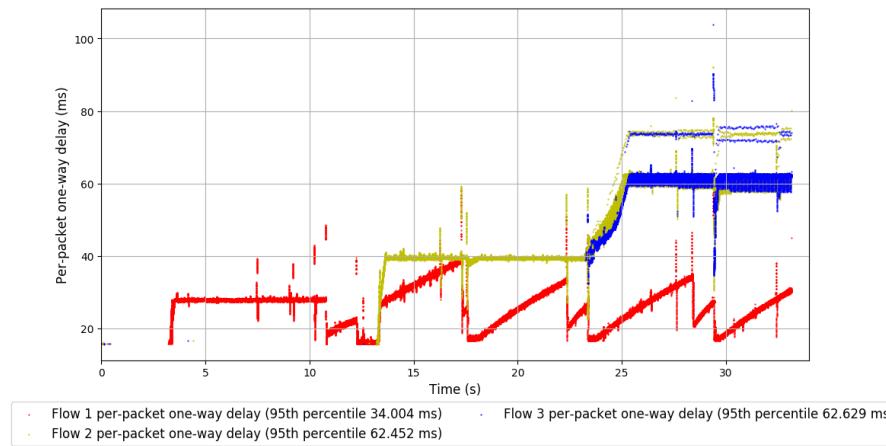
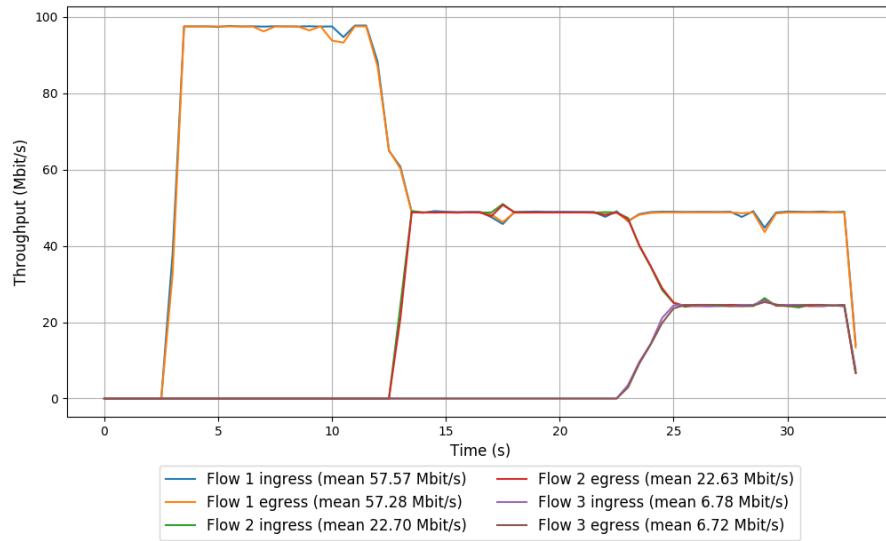


```
Run 10: Statistics of TCP Cubic
```

```
Start at: Sat, 01 Jul 2017 15:01:26 +0000
End at: Sat, 01 Jul 2017 15:01:56 +0000
Local clock offset: 1.233 ms
Remote clock offset: -17.913 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.57 Mbit/s
95th percentile per-packet one-way delay: 62.312 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 57.28 Mbit/s
95th percentile per-packet one-way delay: 34.004 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 22.63 Mbit/s
95th percentile per-packet one-way delay: 62.452 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 62.629 ms
Loss rate: 0.98%
```

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



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

```
Start at: Sat, 01 Jul 2017 12:19:09 +0000
```

```
End at: Sat, 01 Jul 2017 12:19:39 +0000
```

```
Local clock offset: 2.954 ms
```

```
Remote clock offset: -19.274 ms
```

```
# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:13 +0000
```

```
# Datalink statistics
```

```
-- Total of 3 flows:
```

```
Average throughput: 71.58 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.933 ms
```

```
Loss rate: 0.17%
```

```
-- Flow 1:
```

```
Average throughput: 33.93 Mbit/s
```

```
95th percentile per-packet one-way delay: 18.948 ms
```

```
Loss rate: 0.08%
```

```
-- Flow 2:
```

```
Average throughput: 27.97 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.583 ms
```

```
Loss rate: 0.21%
```

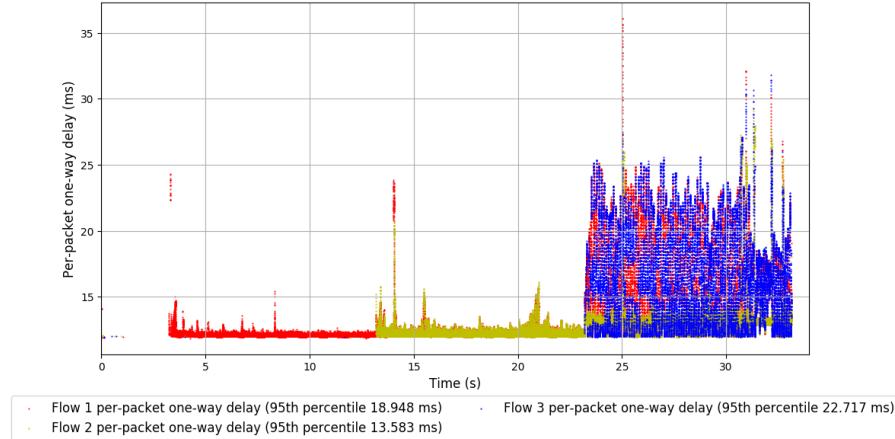
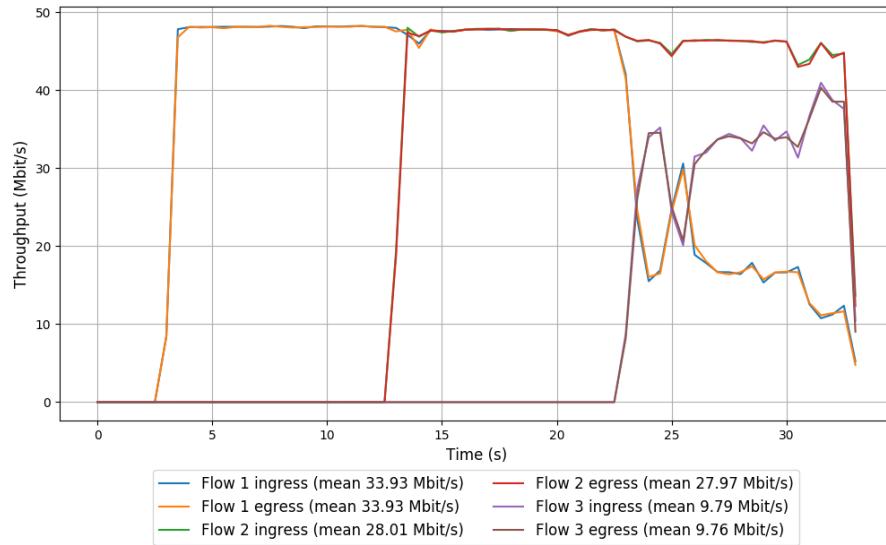
```
-- Flow 3:
```

```
Average throughput: 9.76 Mbit/s
```

```
95th percentile per-packet one-way delay: 22.717 ms
```

```
Loss rate: 0.39%
```

## Run 1: Report of KohoCC — Data Link

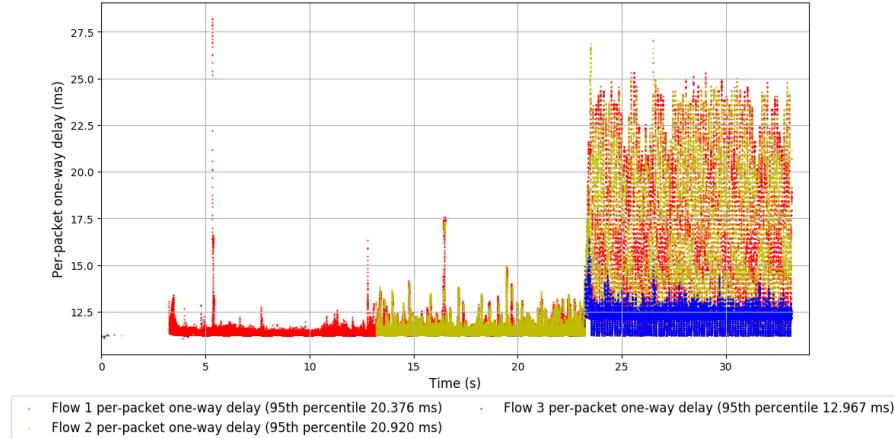
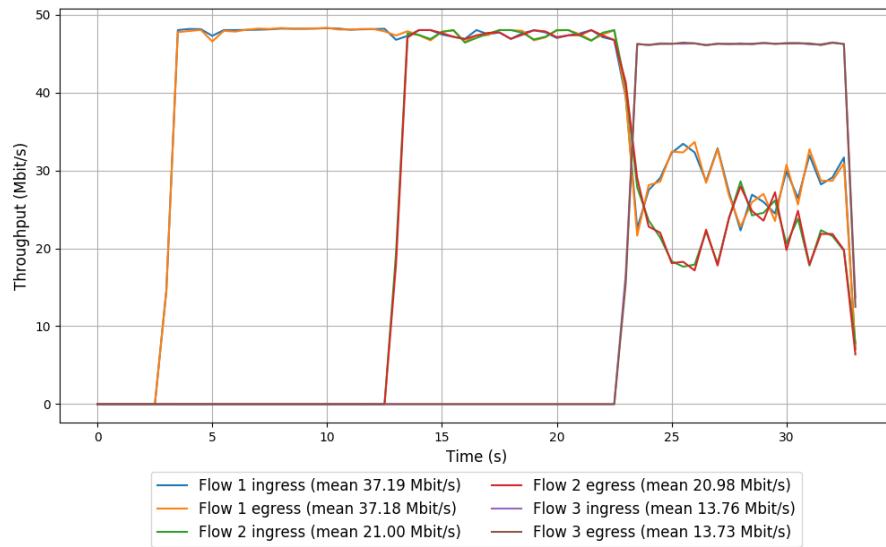


Run 2: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 12:37:27 +0000
End at: Sat, 01 Jul 2017 12:37:57 +0000
Local clock offset: 0.498 ms
Remote clock offset: -20.774 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.80 Mbit/s
95th percentile per-packet one-way delay: 20.117 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 37.18 Mbit/s
95th percentile per-packet one-way delay: 20.376 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 20.98 Mbit/s
95th percentile per-packet one-way delay: 20.920 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 13.73 Mbit/s
95th percentile per-packet one-way delay: 12.967 ms
Loss rate: 0.26%
```

## Run 2: Report of KohoCC — Data Link

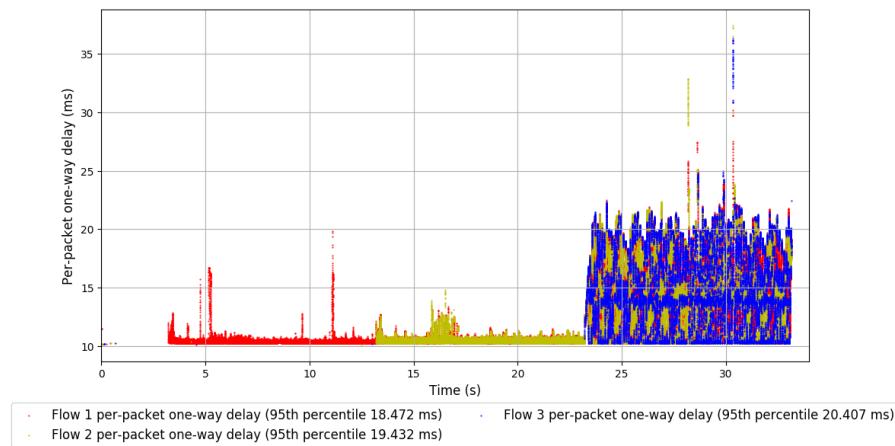
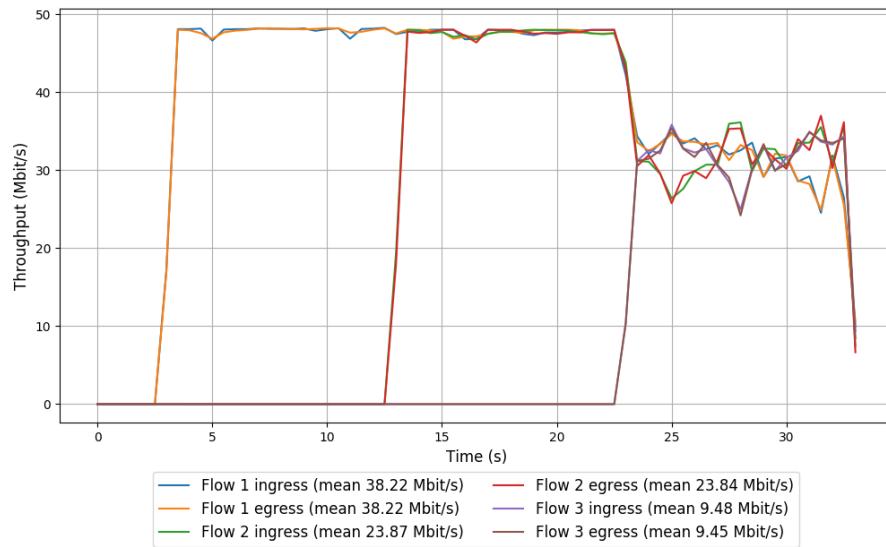


Run 3: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 12:55:58 +0000
End at: Sat, 01 Jul 2017 12:56:28 +0000
Local clock offset: 3.649 ms
Remote clock offset: -20.445 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.44 Mbit/s
95th percentile per-packet one-way delay: 19.436 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 38.22 Mbit/s
95th percentile per-packet one-way delay: 18.472 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 19.432 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 20.407 ms
Loss rate: 0.35%
```

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

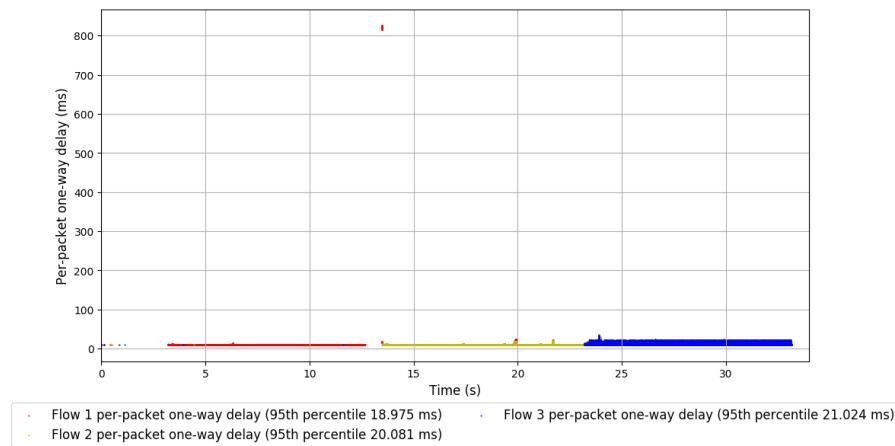
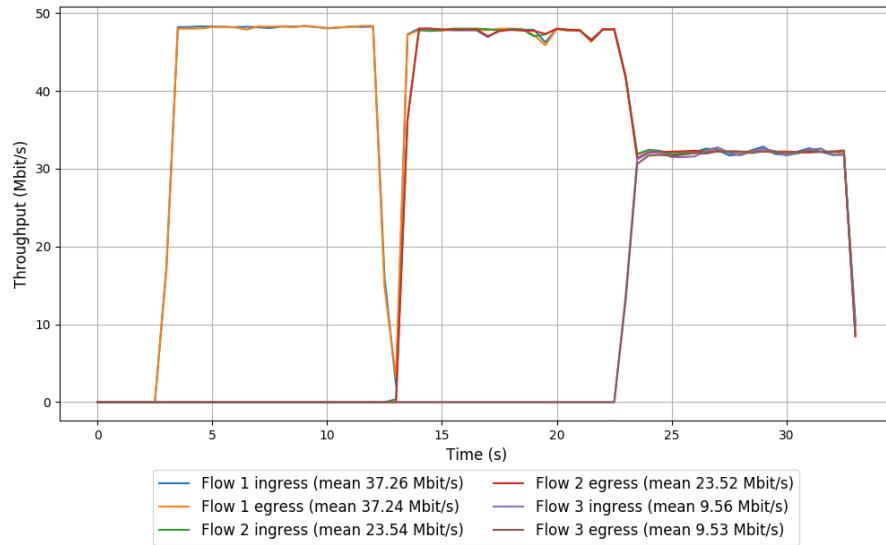


Run 4: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 13:14:03 +0000
End at: Sat, 01 Jul 2017 13:14:33 +0000
Local clock offset: 1.643 ms
Remote clock offset: -20.749 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.22 Mbit/s
95th percentile per-packet one-way delay: 20.016 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 18.975 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 23.52 Mbit/s
95th percentile per-packet one-way delay: 20.081 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 21.024 ms
Loss rate: 0.35%
```

## Run 4: Report of KohoCC — Data Link

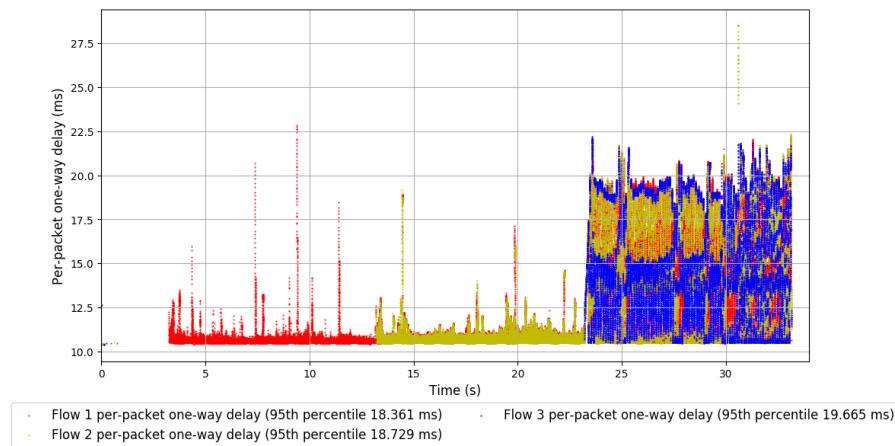
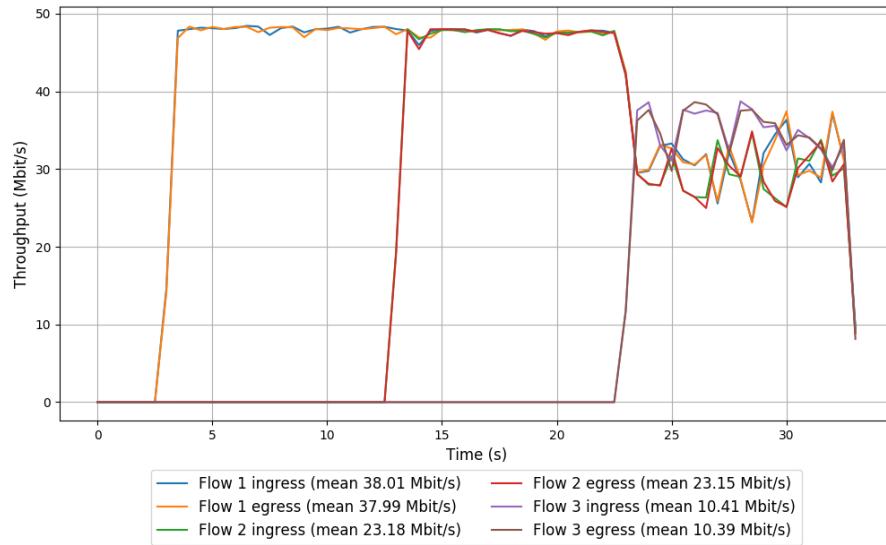


Run 5: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 13:32:13 +0000
End at: Sat, 01 Jul 2017 13:32:43 +0000
Local clock offset: 0.667 ms
Remote clock offset: -18.964 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.46 Mbit/s
95th percentile per-packet one-way delay: 19.066 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 18.361 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 18.729 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 10.39 Mbit/s
95th percentile per-packet one-way delay: 19.665 ms
Loss rate: 0.22%
```

## Run 5: Report of KohoCC — Data Link

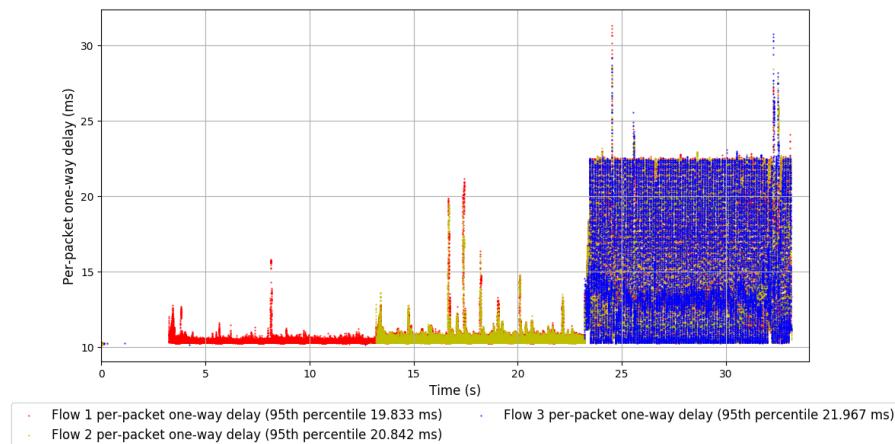
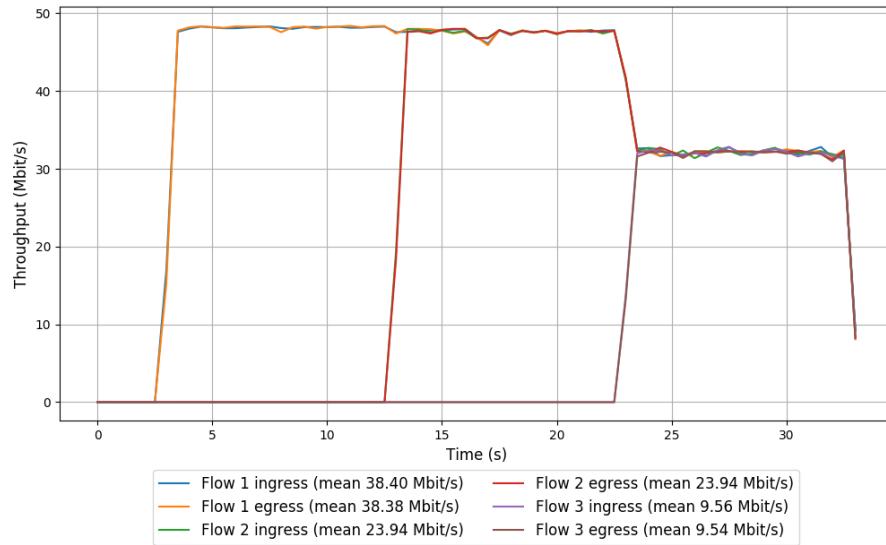


Run 6: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 13:50:15 +0000
End at: Sat, 01 Jul 2017 13:50:45 +0000
Local clock offset: 2.377 ms
Remote clock offset: -20.089 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.78 Mbit/s
95th percentile per-packet one-way delay: 20.863 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 38.38 Mbit/s
95th percentile per-packet one-way delay: 19.833 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 20.842 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 9.54 Mbit/s
95th percentile per-packet one-way delay: 21.967 ms
Loss rate: 0.30%
```

## Run 6: Report of KohoCC — Data Link

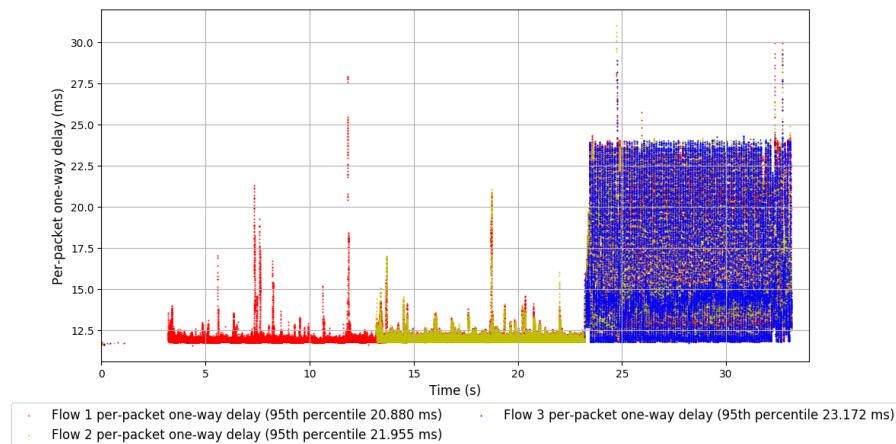
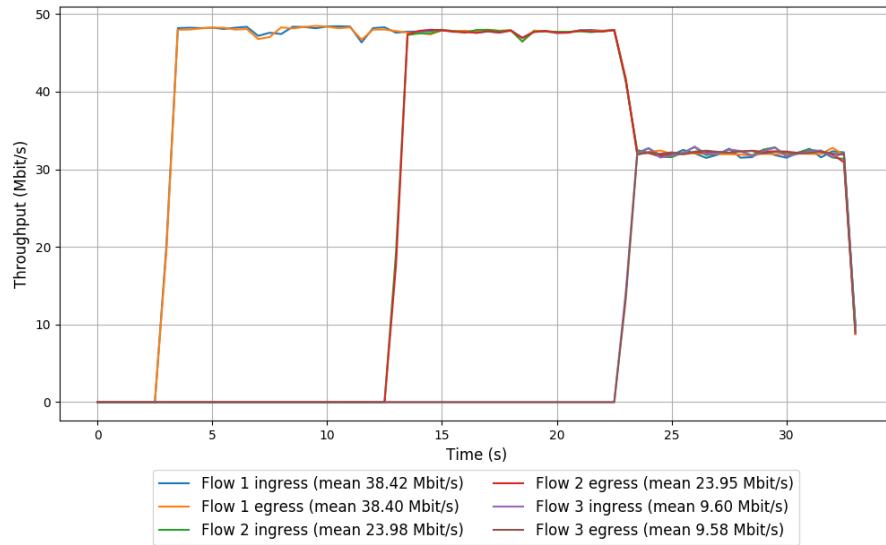


Run 7: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 14:08:31 +0000
End at: Sat, 01 Jul 2017 14:09:01 +0000
Local clock offset: 3.131 ms
Remote clock offset: -19.877 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.86 Mbit/s
95th percentile per-packet one-way delay: 21.962 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 38.40 Mbit/s
95th percentile per-packet one-way delay: 20.880 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 21.955 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 23.172 ms
Loss rate: 0.29%
```

## Run 7: Report of KohoCC — Data Link

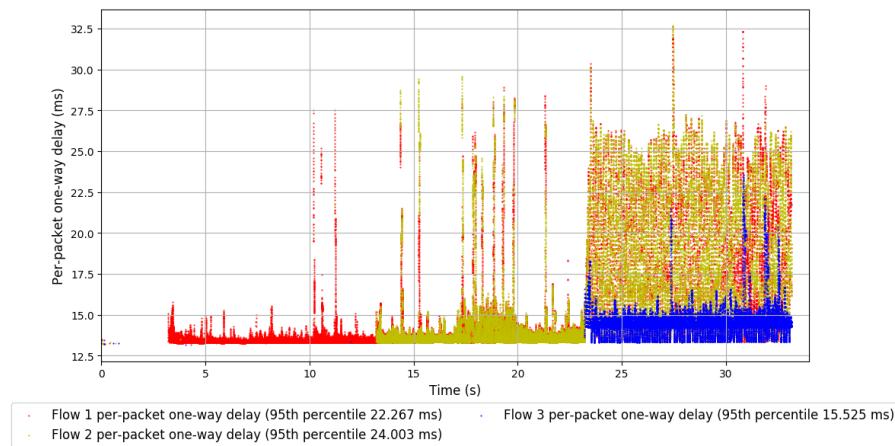
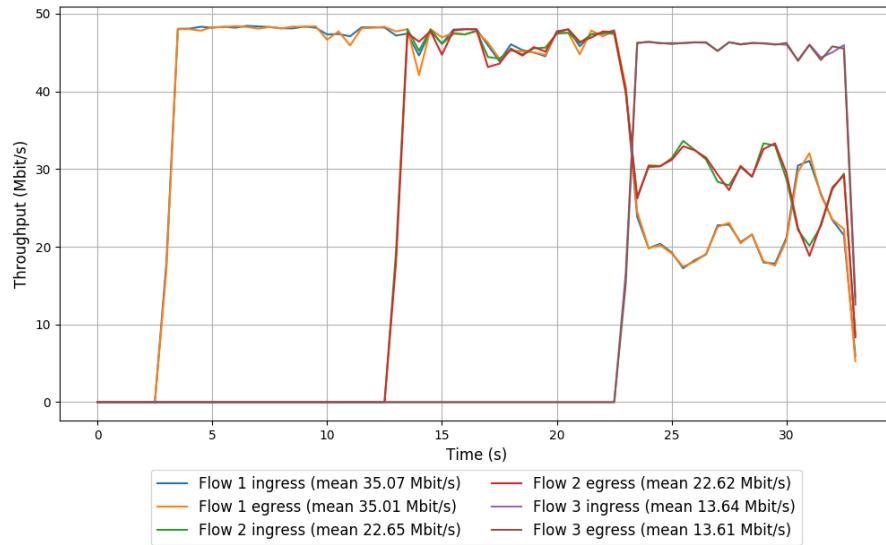


Run 8: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 14:26:32 +0000
End at: Sat, 01 Jul 2017 14:27:02 +0000
Local clock offset: 3.585 ms
Remote clock offset: -19.118 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.15 Mbit/s
95th percentile per-packet one-way delay: 22.591 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 35.01 Mbit/s
95th percentile per-packet one-way delay: 22.267 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 22.62 Mbit/s
95th percentile per-packet one-way delay: 24.003 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 15.525 ms
Loss rate: 0.26%
```

## Run 8: Report of KohoCC — Data Link

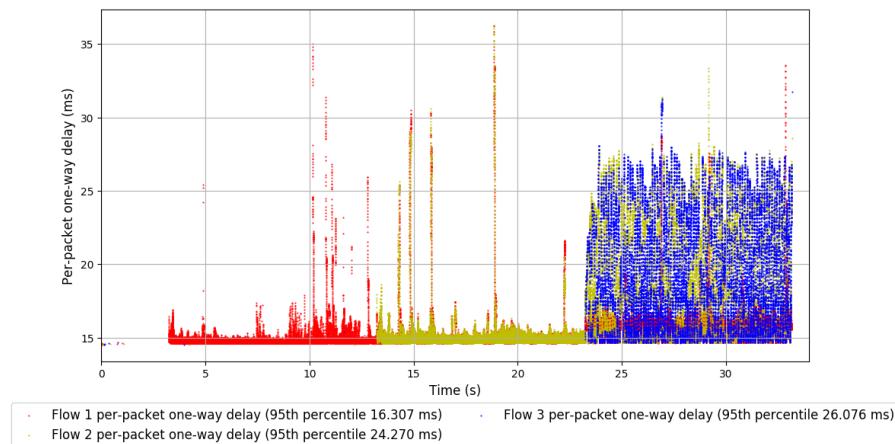
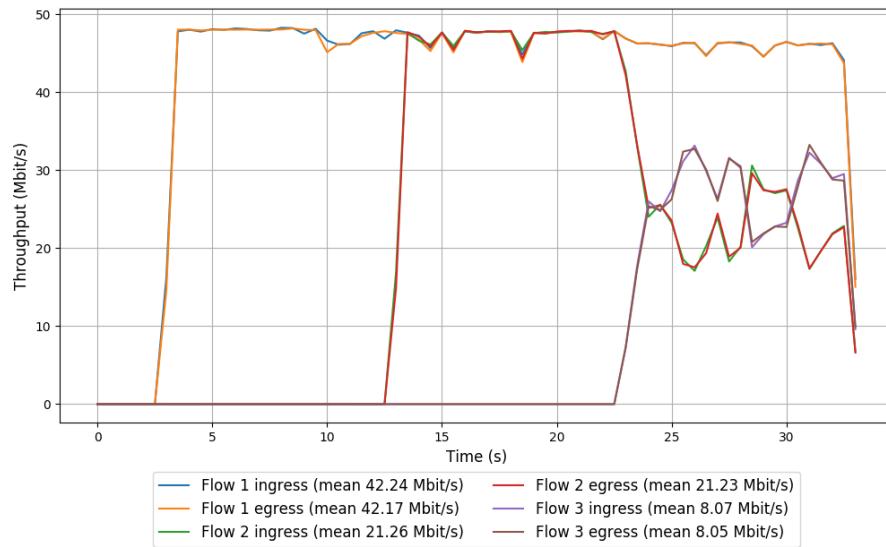


Run 9: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 14:45:09 +0000
End at: Sat, 01 Jul 2017 14:45:39 +0000
Local clock offset: 2.112 ms
Remote clock offset: -16.265 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:26:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.36 Mbit/s
95th percentile per-packet one-way delay: 23.340 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 42.17 Mbit/s
95th percentile per-packet one-way delay: 16.307 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 21.23 Mbit/s
95th percentile per-packet one-way delay: 24.270 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 26.076 ms
Loss rate: 0.28%
```

## Run 9: Report of KohoCC — Data Link

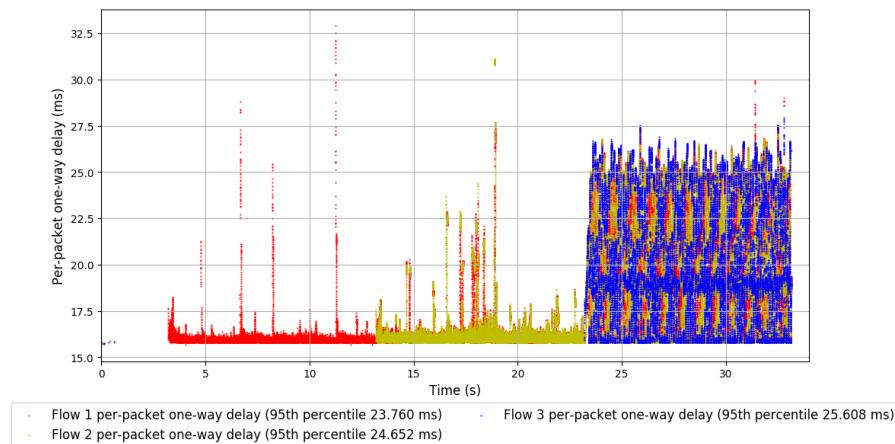
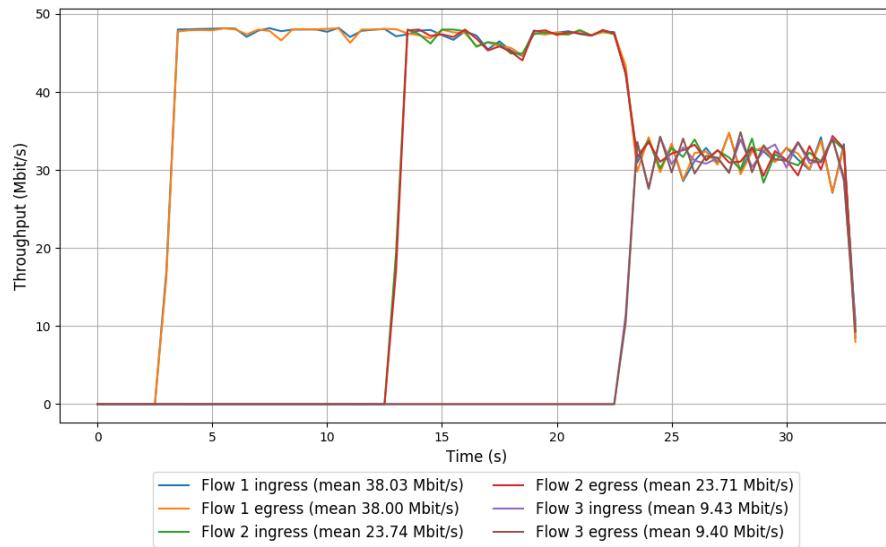


Run 10: Statistics of KohoCC

```
Start at: Sat, 01 Jul 2017 15:03:46 +0000
End at: Sat, 01 Jul 2017 15:04:16 +0000
Local clock offset: -0.932 ms
Remote clock offset: -15.372 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.03 Mbit/s
95th percentile per-packet one-way delay: 24.677 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 38.00 Mbit/s
95th percentile per-packet one-way delay: 23.760 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 23.71 Mbit/s
95th percentile per-packet one-way delay: 24.652 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 25.608 ms
Loss rate: 0.38%
```

## Run 10: Report of KohoCC — Data Link

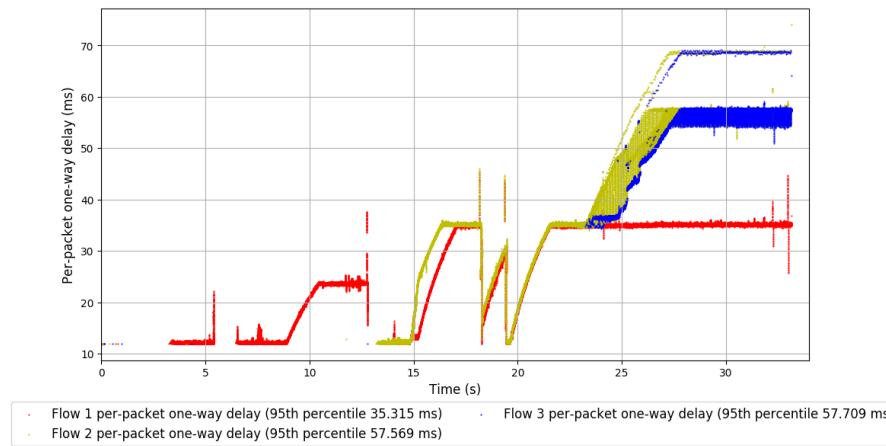
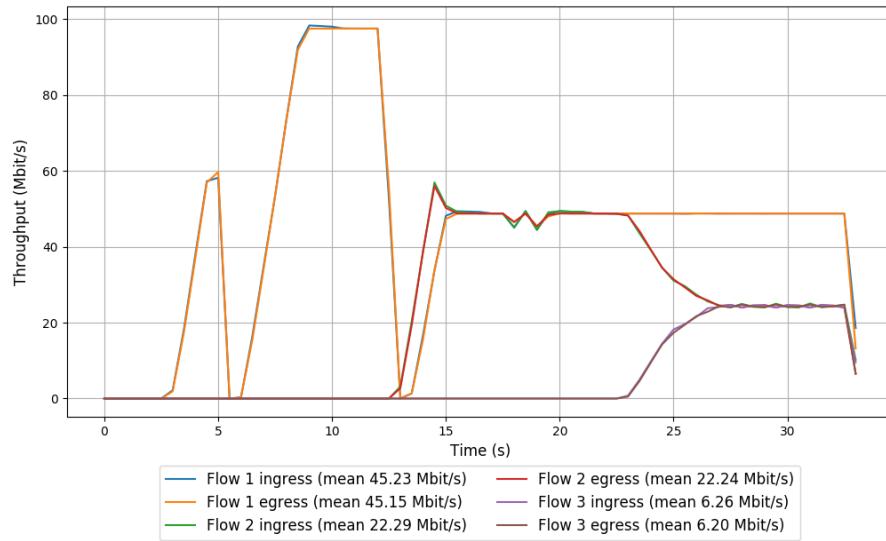


Run 1: Statistics of LEDBAT

```
Start at: Sat, 01 Jul 2017 12:21:29 +0000
End at: Sat, 01 Jul 2017 12:21:59 +0000
Local clock offset: -0.225 ms
Remote clock offset: -19.407 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.52 Mbit/s
95th percentile per-packet one-way delay: 57.437 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 45.15 Mbit/s
95th percentile per-packet one-way delay: 35.315 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 22.24 Mbit/s
95th percentile per-packet one-way delay: 57.569 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 6.20 Mbit/s
95th percentile per-packet one-way delay: 57.709 ms
Loss rate: 1.29%
```

## Run 1: Report of LEDBAT — Data Link

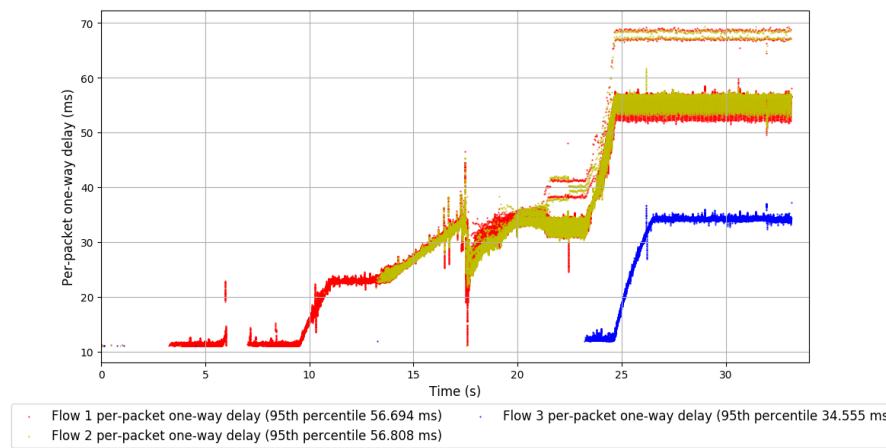
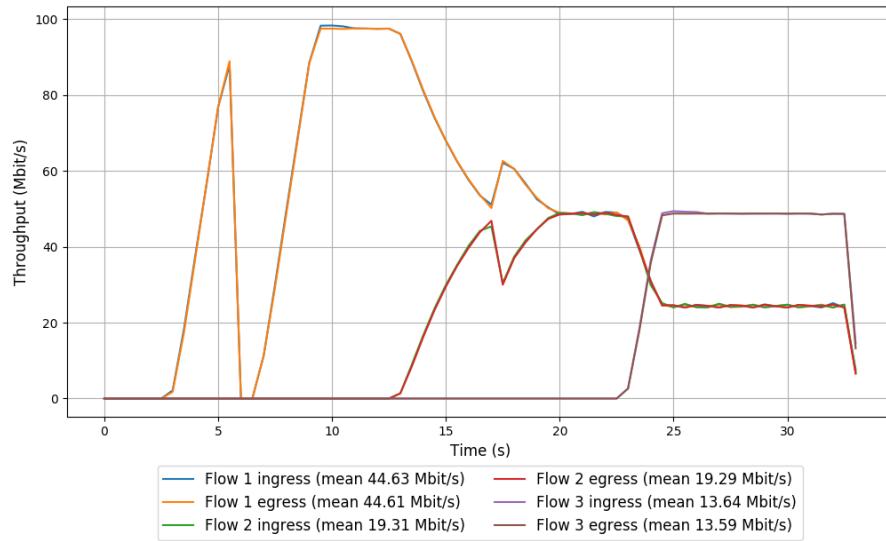


Run 2: Statistics of LEDBAT

```
Start at: Sat, 01 Jul 2017 12:39:47 +0000
End at: Sat, 01 Jul 2017 12:40:17 +0000
Local clock offset: 1.796 ms
Remote clock offset: -20.159 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.40 Mbit/s
95th percentile per-packet one-way delay: 56.720 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 44.61 Mbit/s
95th percentile per-packet one-way delay: 56.694 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 19.29 Mbit/s
95th percentile per-packet one-way delay: 56.808 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 13.59 Mbit/s
95th percentile per-packet one-way delay: 34.555 ms
Loss rate: 0.51%
```

## Run 2: Report of LEDBAT — Data Link

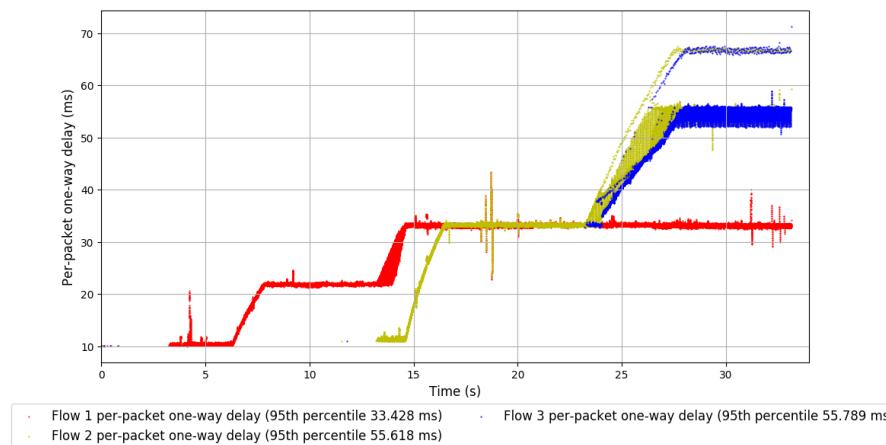
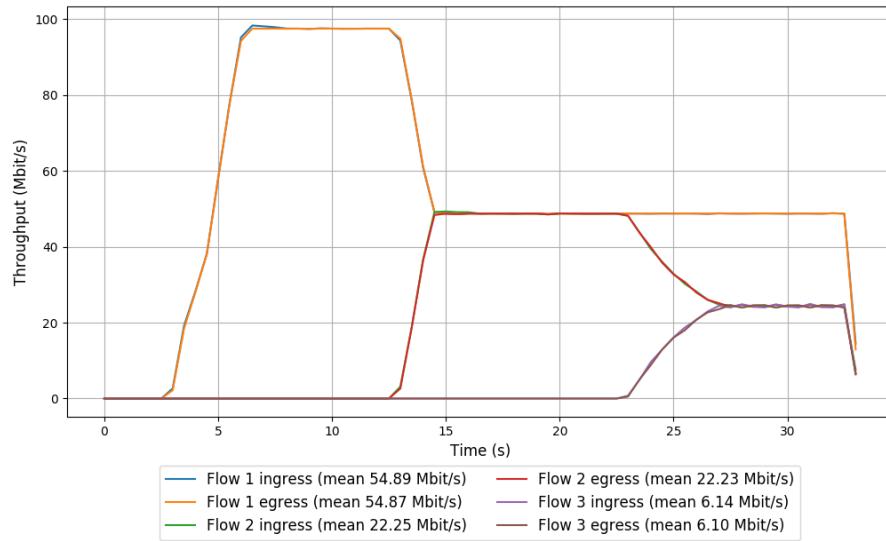


Run 3: Statistics of LEDBAT

```
Start at: Sat, 01 Jul 2017 12:58:20 +0000
End at: Sat, 01 Jul 2017 12:58:50 +0000
Local clock offset: 3.427 ms
Remote clock offset: -19.615 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 55.429 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 54.87 Mbit/s
95th percentile per-packet one-way delay: 33.428 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 55.618 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 55.789 ms
Loss rate: 0.81%
```

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

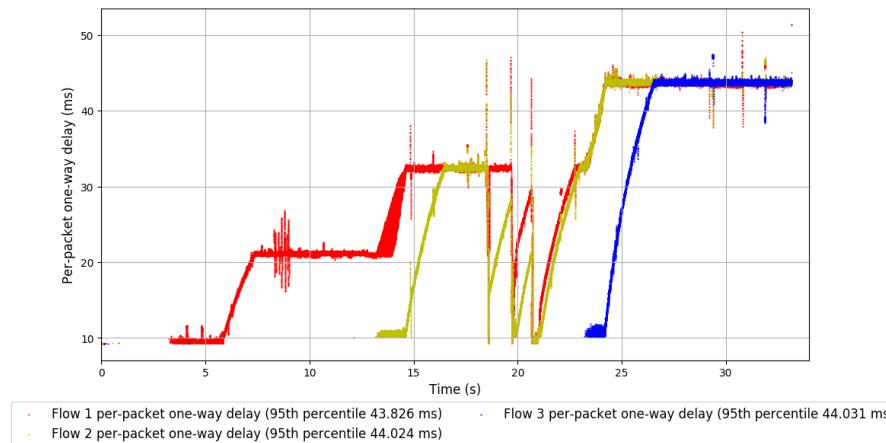
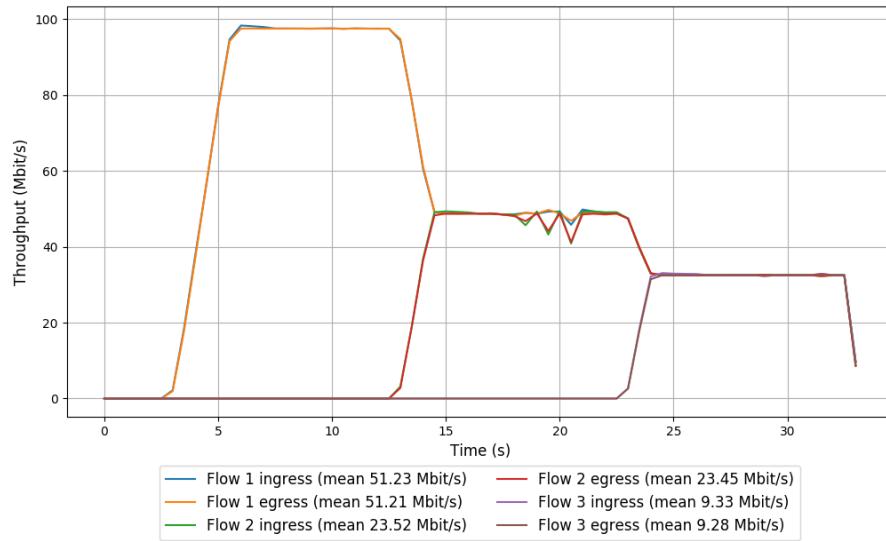


Run 4: Statistics of LEDBAT

```
Start at: Sat, 01 Jul 2017 13:16:21 +0000
End at: Sat, 01 Jul 2017 13:16:51 +0000
Local clock offset: 0.045 ms
Remote clock offset: -25.145 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.87 Mbit/s
95th percentile per-packet one-way delay: 43.983 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 43.826 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 23.45 Mbit/s
95th percentile per-packet one-way delay: 44.024 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 44.031 ms
Loss rate: 0.63%
```

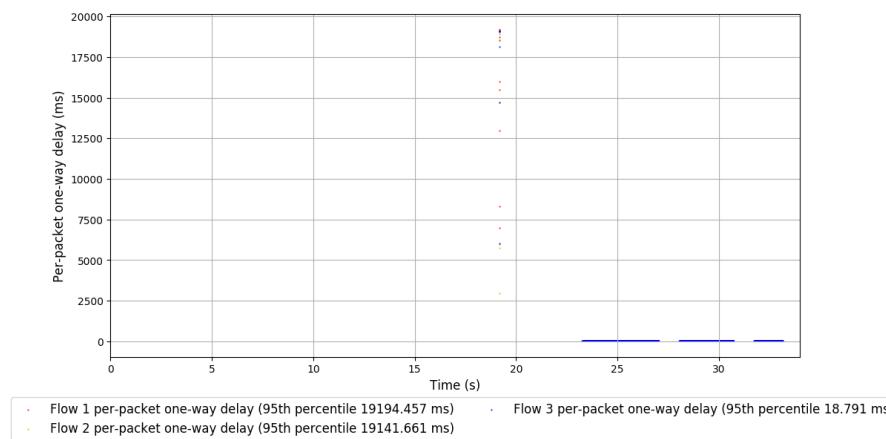
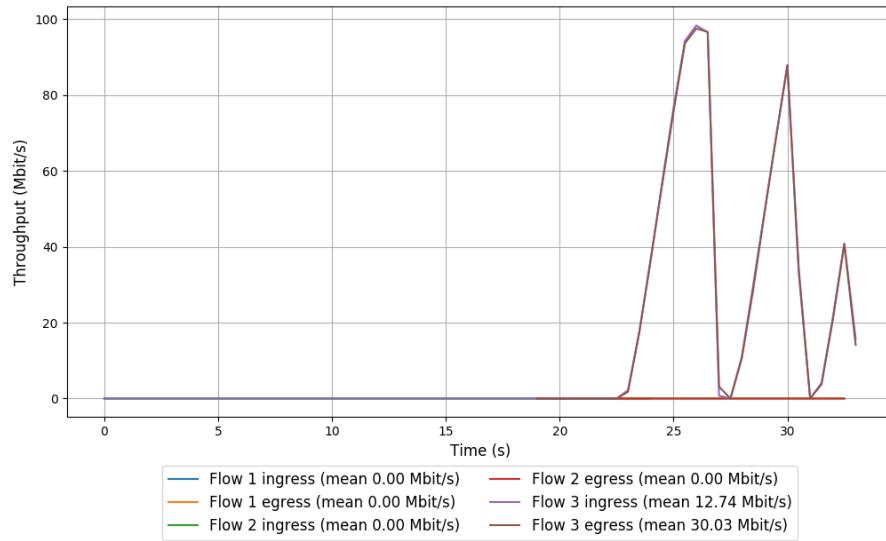
## Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 13:34:32 +0000  
End at: Sat, 01 Jul 2017 13:35:02 +0000  
Local clock offset: 3.759 ms  
Remote clock offset: -20.071 ms

Run 5: Report of LEDBAT — Data Link

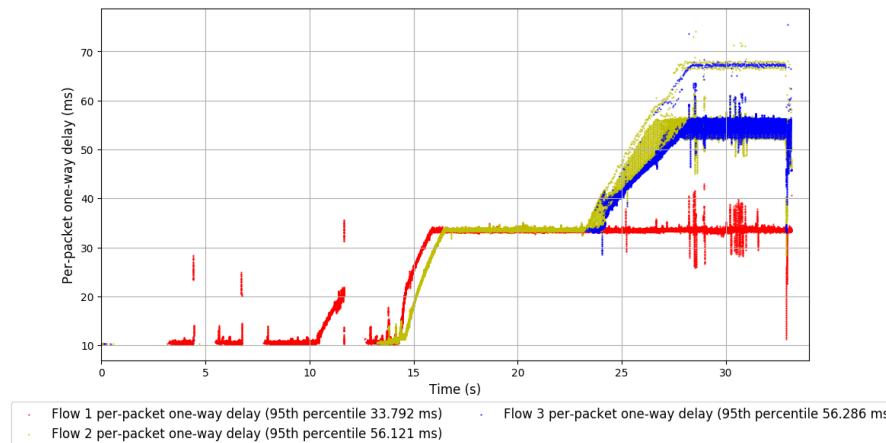
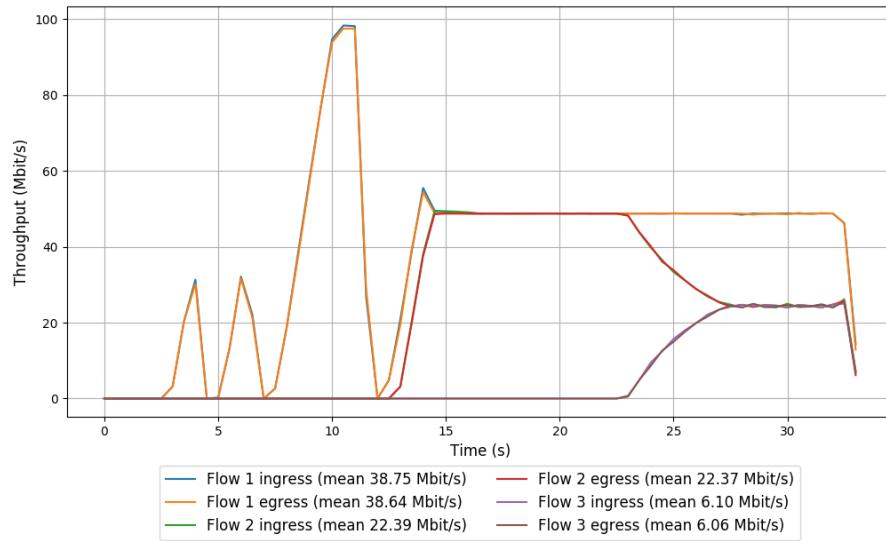


Run 6: Statistics of LEDBAT

```
Start at: Sat, 01 Jul 2017 13:52:35 +0000
End at: Sat, 01 Jul 2017 13:53:05 +0000
Local clock offset: 3.868 ms
Remote clock offset: -20.348 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.01 Mbit/s
95th percentile per-packet one-way delay: 56.030 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 33.792 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 56.121 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 6.06 Mbit/s
95th percentile per-packet one-way delay: 56.286 ms
Loss rate: 0.70%
```

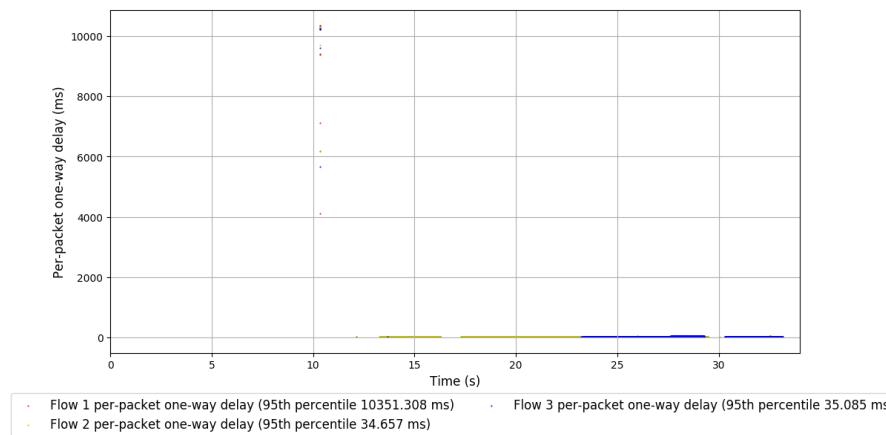
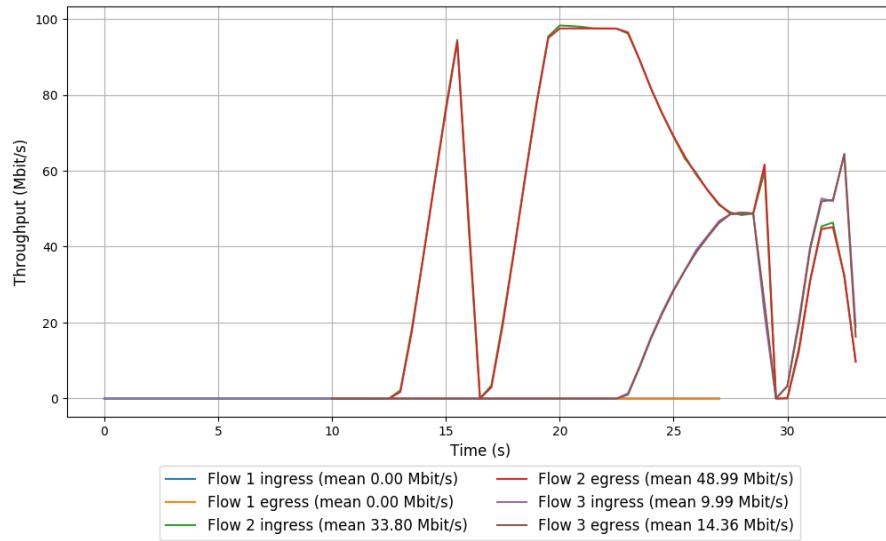
Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 14:10:50 +0000  
End at: Sat, 01 Jul 2017 14:11:20 +0000  
Local clock offset: 2.815 ms  
Remote clock offset: -19.199 ms

## Run 7: Report of LEDBAT — Data Link

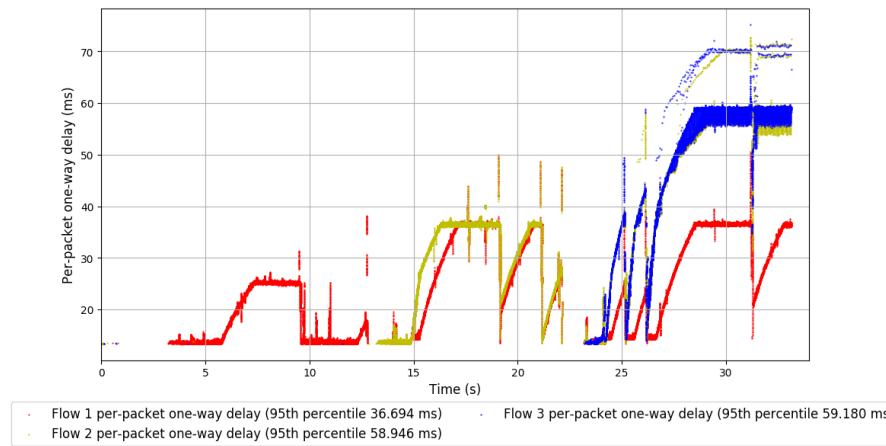
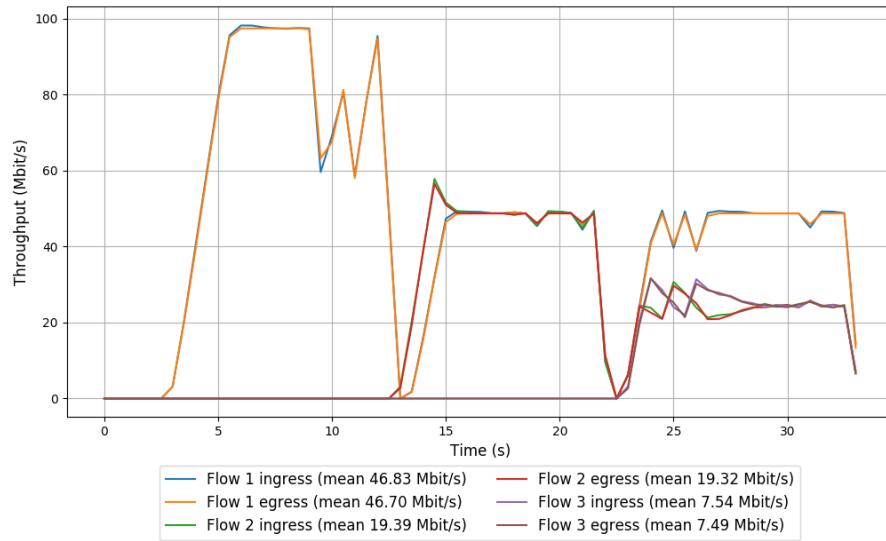


Run 8: Statistics of LEDBAT

```
Start at: Sat, 01 Jul 2017 14:28:54 +0000
End at: Sat, 01 Jul 2017 14:29:24 +0000
Local clock offset: 3.469 ms
Remote clock offset: -15.961 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.45 Mbit/s
95th percentile per-packet one-way delay: 58.724 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 36.694 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 58.946 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 59.180 ms
Loss rate: 0.76%
```

## Run 8: Report of LEDBAT — Data Link

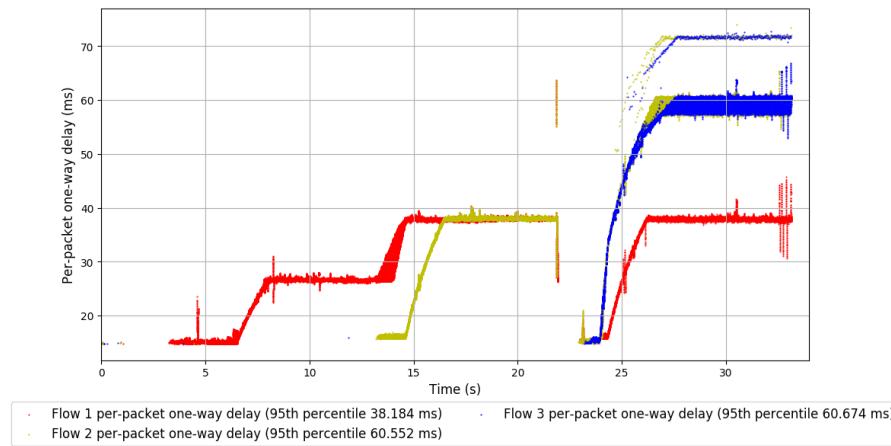
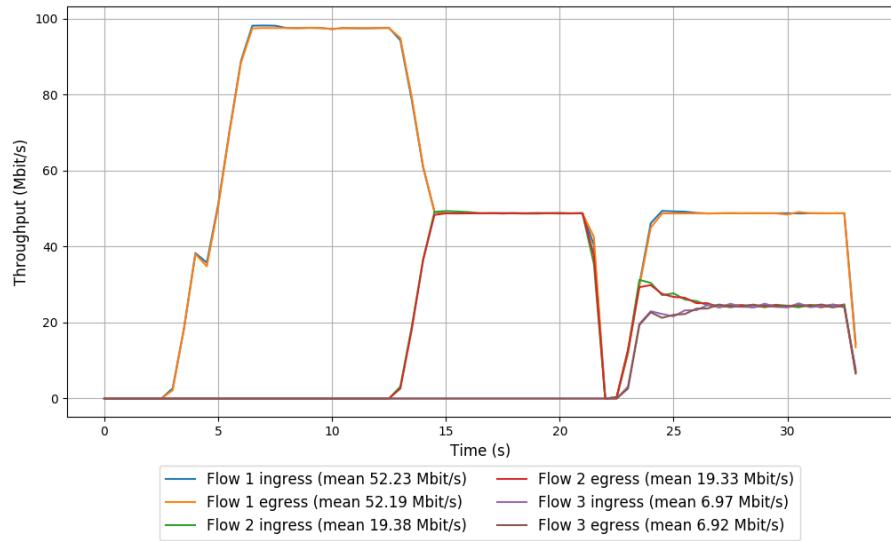


Run 9: Statistics of LEDBAT

```
Start at: Sat, 01 Jul 2017 14:47:31 +0000
End at: Sat, 01 Jul 2017 14:48:01 +0000
Local clock offset: 2.899 ms
Remote clock offset: -17.012 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.39 Mbit/s
95th percentile per-packet one-way delay: 60.419 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 38.184 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 19.33 Mbit/s
95th percentile per-packet one-way delay: 60.552 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 6.92 Mbit/s
95th percentile per-packet one-way delay: 60.674 ms
Loss rate: 0.76%
```

## Run 9: Report of LEDBAT — Data Link

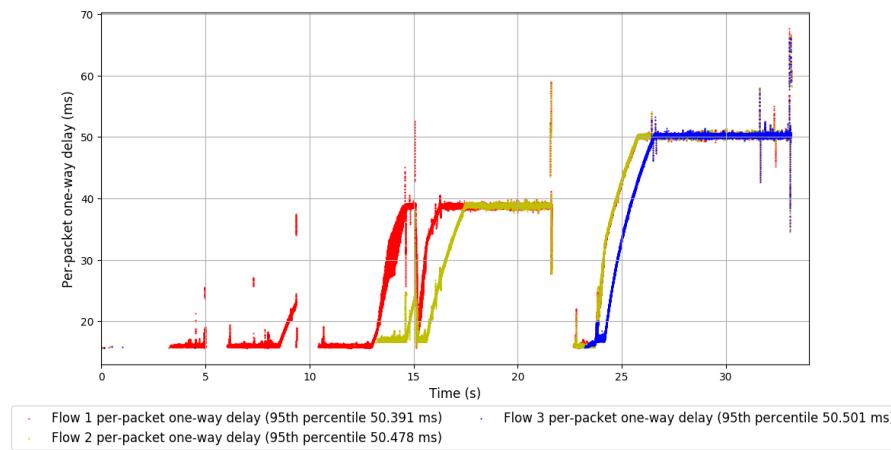
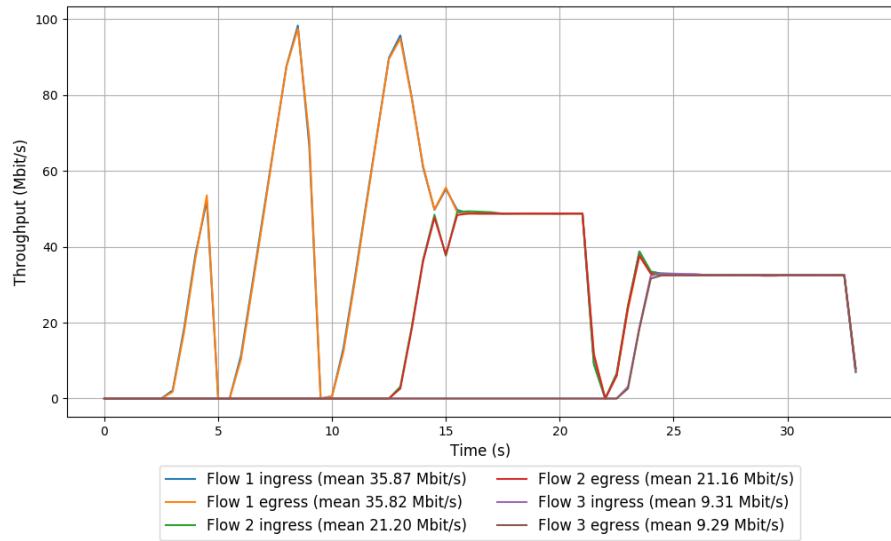


Run 10: Statistics of LEDBAT

```
Start at: Sat, 01 Jul 2017 15:06:09 +0000
End at: Sat, 01 Jul 2017 15:06:39 +0000
Local clock offset: 2.06 ms
Remote clock offset: -15.601 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:27:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.20 Mbit/s
95th percentile per-packet one-way delay: 50.457 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 35.82 Mbit/s
95th percentile per-packet one-way delay: 50.391 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 21.16 Mbit/s
95th percentile per-packet one-way delay: 50.478 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 50.501 ms
Loss rate: 0.40%
```

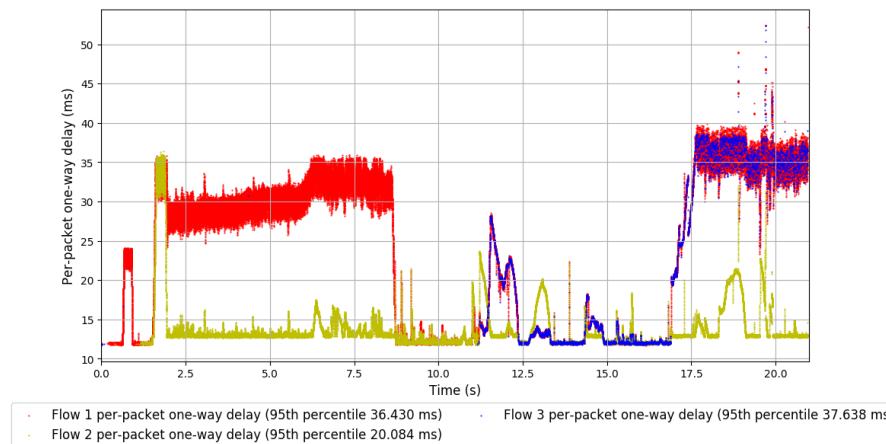
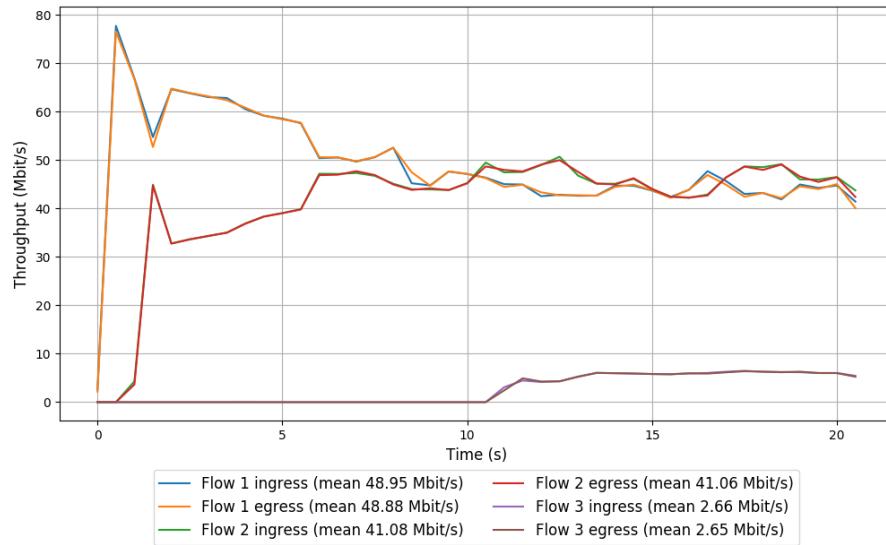
## Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sat, 01 Jul 2017 12:22:42 +0000  
End at: Sat, 01 Jul 2017 12:23:12 +0000  
Local clock offset: -3.302 ms  
Remote clock offset: -14.415 ms

## Run 1: Report of PCC — Data Link

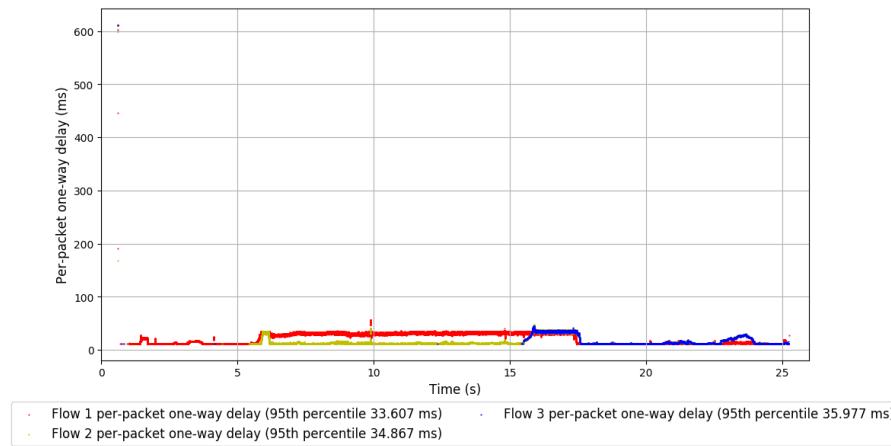
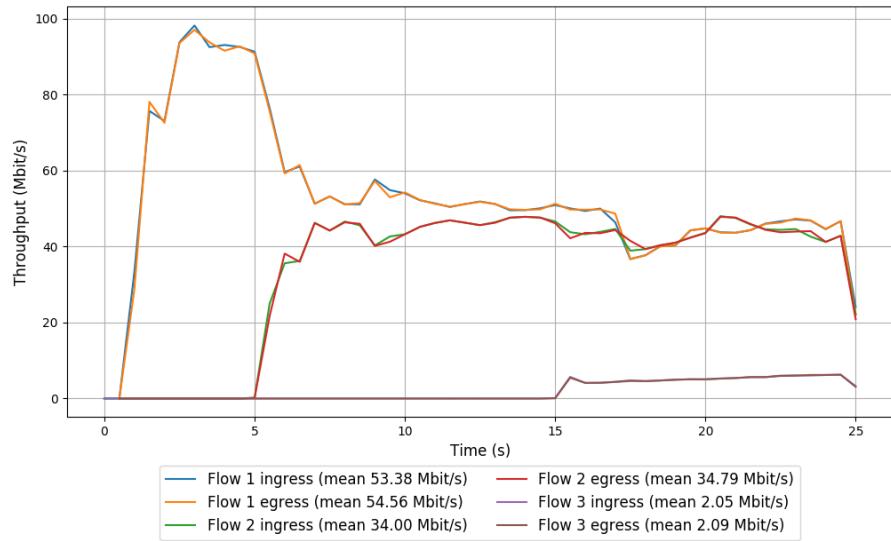


Run 2: Statistics of PCC

```
Start at: Sat, 01 Jul 2017 12:41:04 +0000
End at: Sat, 01 Jul 2017 12:41:34 +0000
Local clock offset: 2.403 ms
Remote clock offset: -20.358 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.42 Mbit/s
95th percentile per-packet one-way delay: 33.835 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 33.607 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 34.79 Mbit/s
95th percentile per-packet one-way delay: 34.867 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 35.977 ms
Loss rate: 0.30%
```

## Run 2: Report of PCC — Data Link

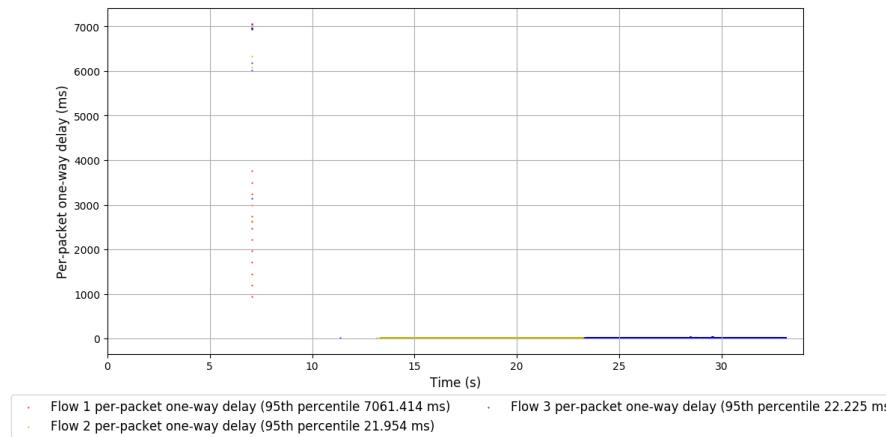
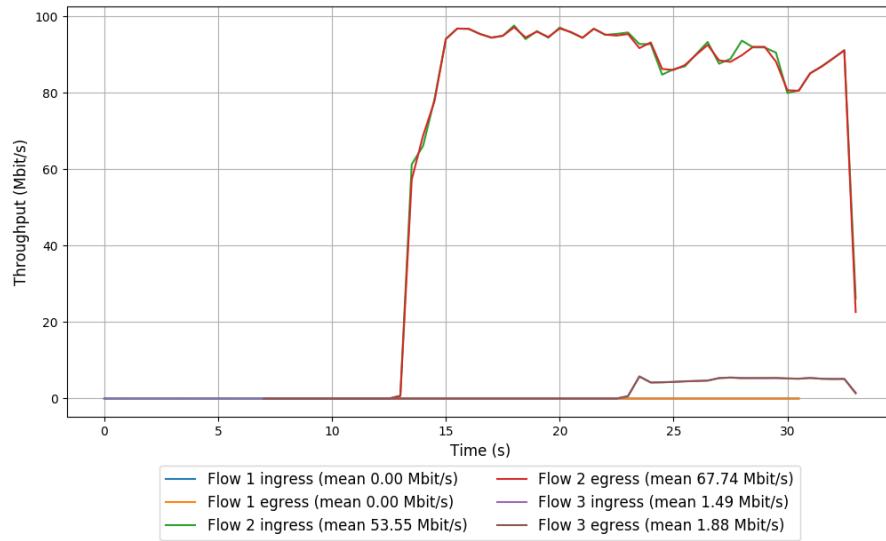


Run 3: Statistics of PCC

```
Start at: Sat, 01 Jul 2017 12:59:35 +0000
End at: Sat, 01 Jul 2017 13:00:05 +0000
Local clock offset: 0.518 ms
Remote clock offset: -19.451 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.61 Mbit/s
95th percentile per-packet one-way delay: 21.973 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 7061.414 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.74 Mbit/s
95th percentile per-packet one-way delay: 21.954 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 22.225 ms
Loss rate: 0.30%
```

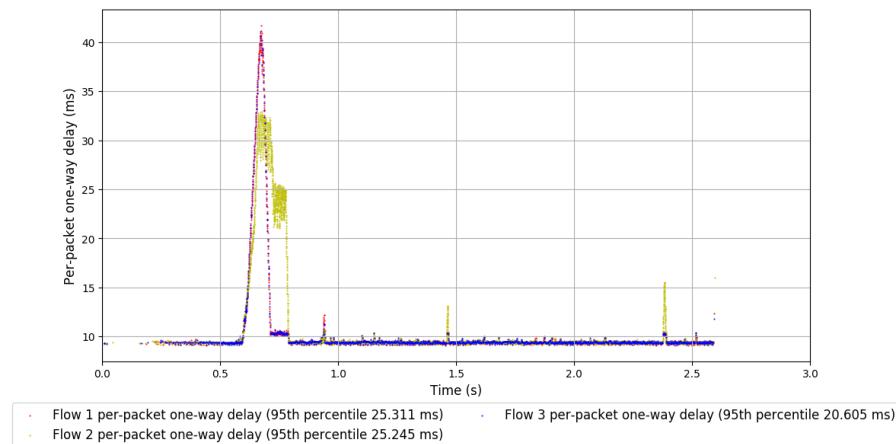
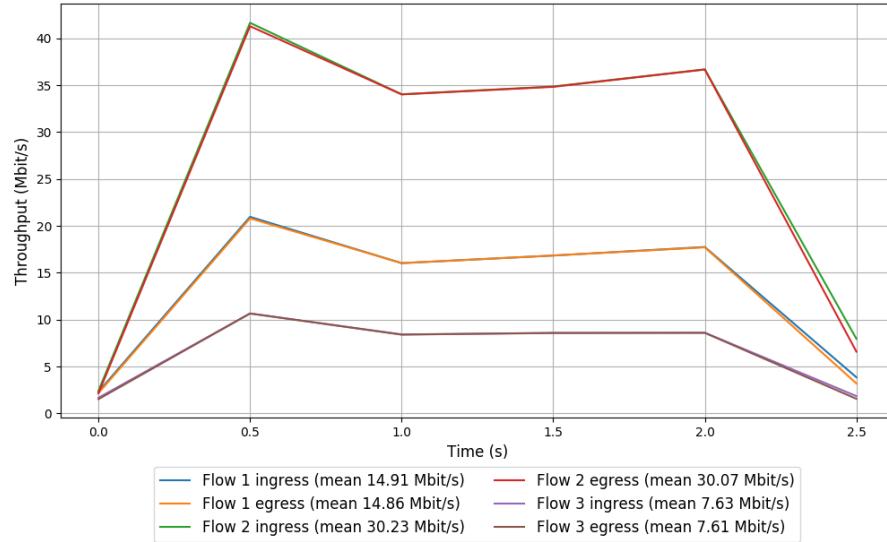
### Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sat, 01 Jul 2017 13:17:39 +0000  
End at: Sat, 01 Jul 2017 13:18:09 +0000  
Local clock offset: -7.123 ms  
Remote clock offset: -33.84 ms

## Run 4: Report of PCC — Data Link

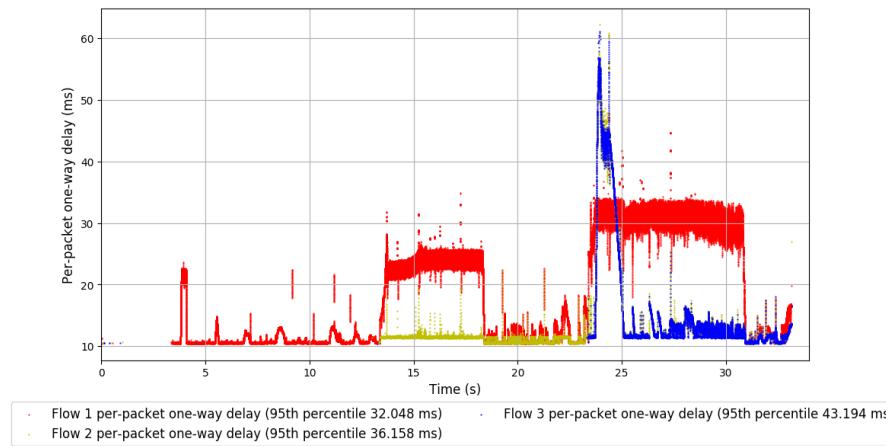
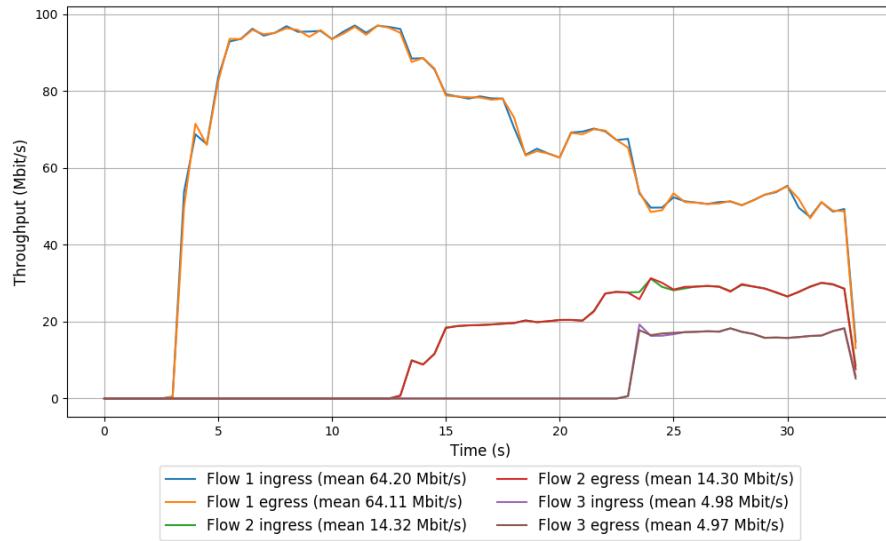


Run 5: Statistics of PCC

```
Start at: Sat, 01 Jul 2017 13:35:40 +0000
End at: Sat, 01 Jul 2017 13:36:10 +0000
Local clock offset: 4.326 ms
Remote clock offset: -19.13 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.31 Mbit/s
95th percentile per-packet one-way delay: 32.193 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 32.048 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 14.30 Mbit/s
95th percentile per-packet one-way delay: 36.158 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 4.97 Mbit/s
95th percentile per-packet one-way delay: 43.194 ms
Loss rate: 0.35%
```

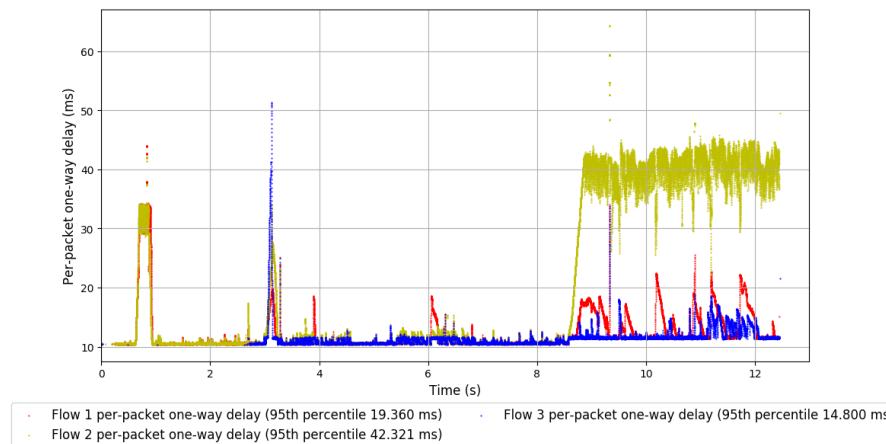
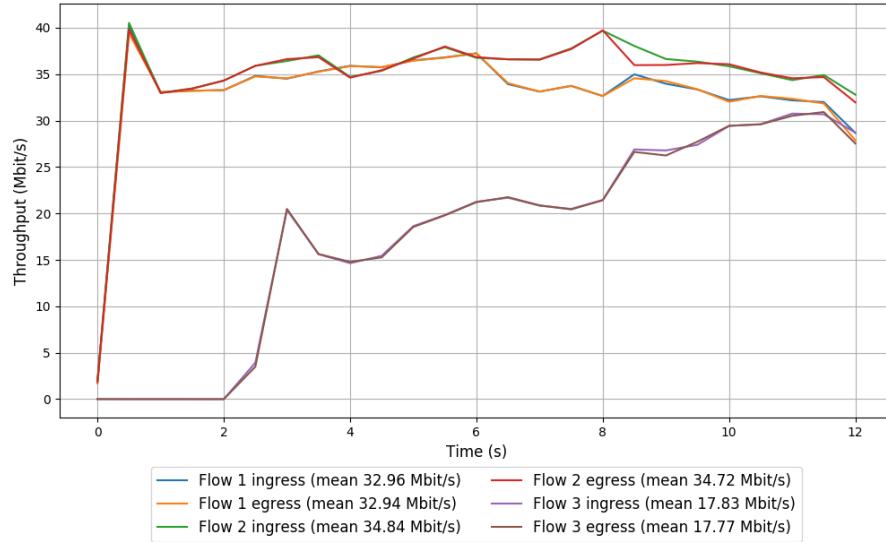
## Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sat, 01 Jul 2017 13:53:51 +0000  
End at: Sat, 01 Jul 2017 13:54:21 +0000  
Local clock offset: 2.324 ms  
Remote clock offset: -19.742 ms

## Run 6: Report of PCC — Data Link

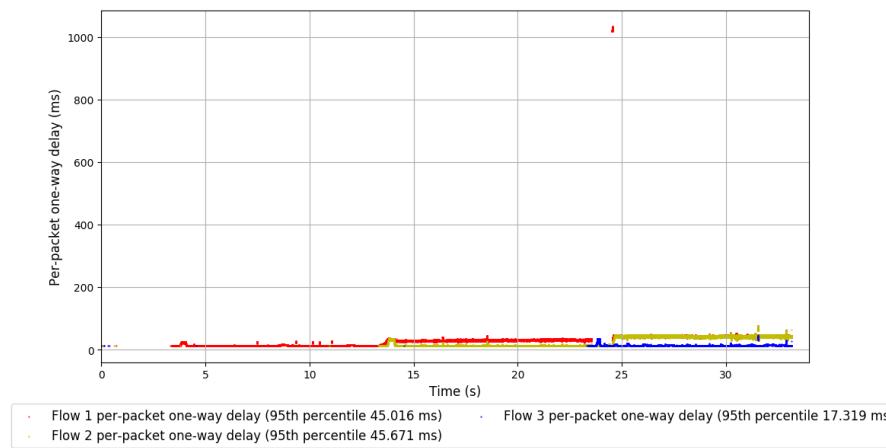
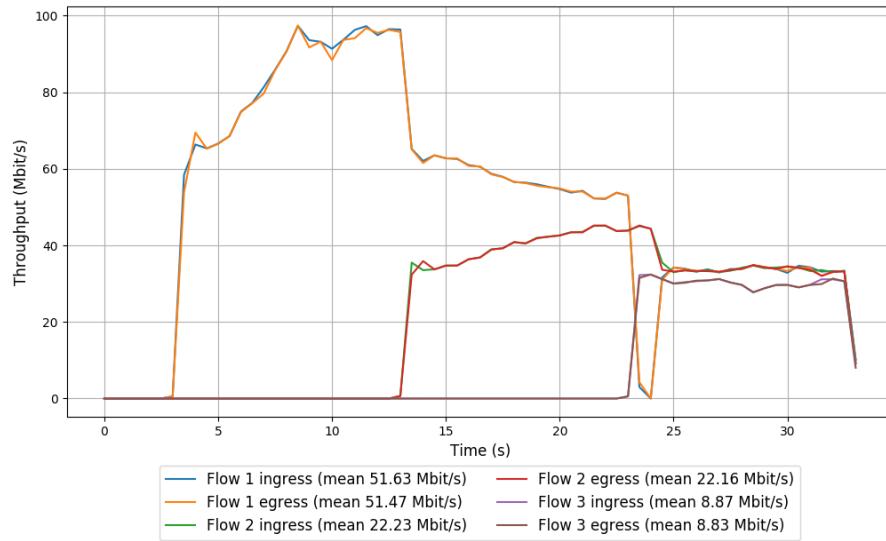


Run 7: Statistics of PCC

```
Start at: Sat, 01 Jul 2017 14:12:00 +0000
End at: Sat, 01 Jul 2017 14:12:30 +0000
Local clock offset: 1.183 ms
Remote clock offset: -18.794 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.37 Mbit/s
95th percentile per-packet one-way delay: 45.180 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 51.47 Mbit/s
95th percentile per-packet one-way delay: 45.016 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 45.671 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 8.83 Mbit/s
95th percentile per-packet one-way delay: 17.319 ms
Loss rate: 0.51%
```

## Run 7: Report of PCC — Data Link

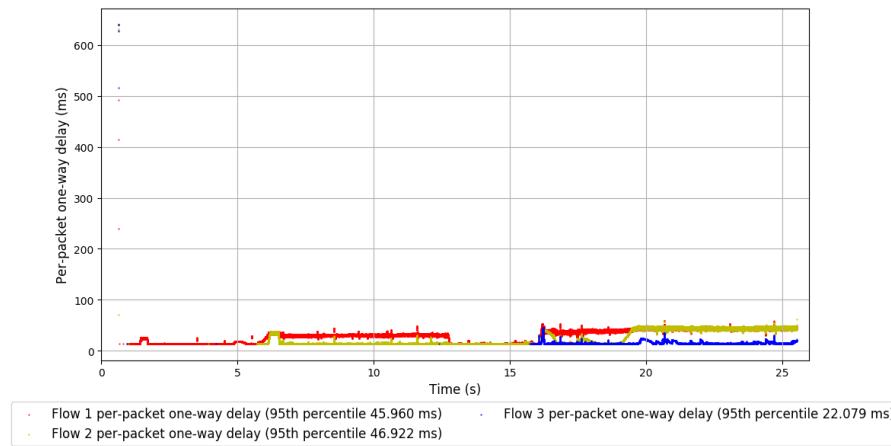
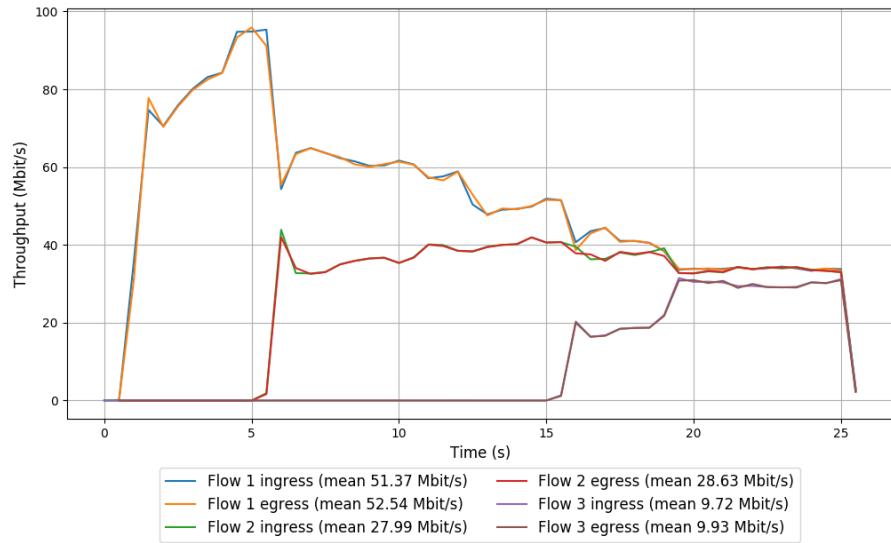


Run 8: Statistics of PCC

```
Start at: Sat, 01 Jul 2017 14:30:09 +0000
End at: Sat, 01 Jul 2017 14:30:39 +0000
Local clock offset: 3.906 ms
Remote clock offset: -17.706 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.06 Mbit/s
95th percentile per-packet one-way delay: 46.255 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 52.54 Mbit/s
95th percentile per-packet one-way delay: 45.960 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 28.63 Mbit/s
95th percentile per-packet one-way delay: 46.922 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 9.93 Mbit/s
95th percentile per-packet one-way delay: 22.079 ms
Loss rate: 0.44%
```

## Run 8: Report of PCC — Data Link

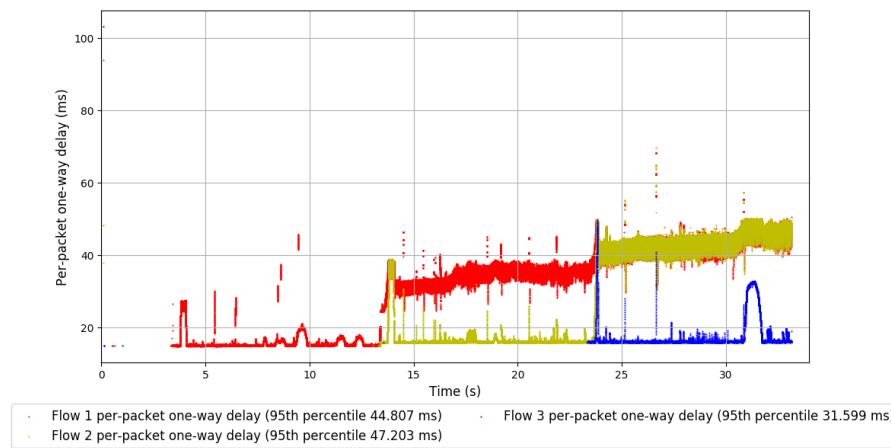
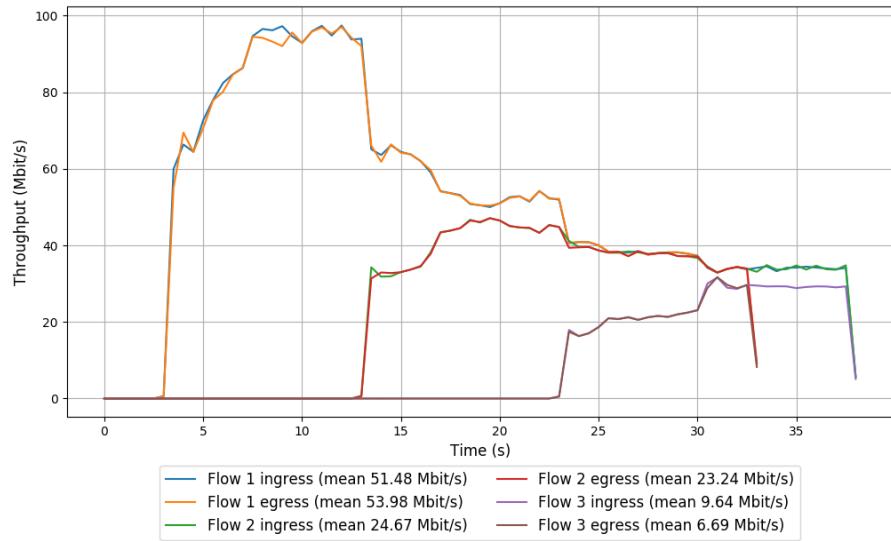


Run 9: Statistics of PCC

```
Start at: Sat, 01 Jul 2017 14:48:48 +0000
End at: Sat, 01 Jul 2017 14:49:18 +0000
Local clock offset: 2.117 ms
Remote clock offset: -17.993 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.90 Mbit/s
95th percentile per-packet one-way delay: 45.528 ms
Loss rate: 15.12%
-- Flow 1:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 44.807 ms
Loss rate: 9.08%
-- Flow 2:
Average throughput: 23.24 Mbit/s
95th percentile per-packet one-way delay: 47.203 ms
Loss rate: 18.20%
-- Flow 3:
Average throughput: 6.69 Mbit/s
95th percentile per-packet one-way delay: 31.599 ms
Loss rate: 39.64%
```

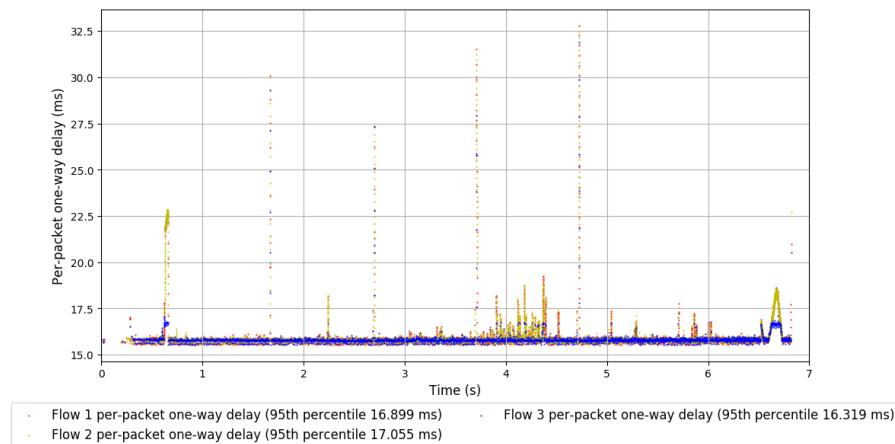
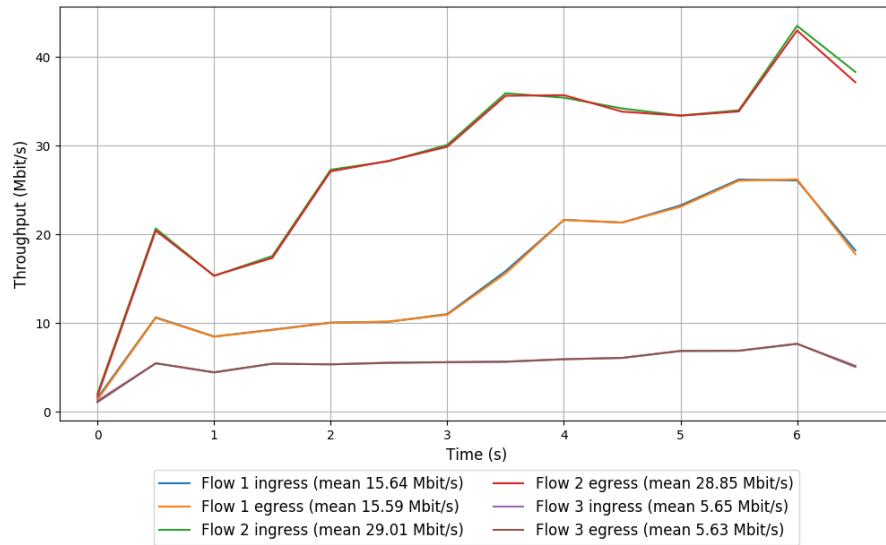
## Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Sat, 01 Jul 2017 15:07:25 +0000  
End at: Sat, 01 Jul 2017 15:07:55 +0000  
Local clock offset: -1.259 ms  
Remote clock offset: -16.034 ms

Run 10: Report of PCC — Data Link

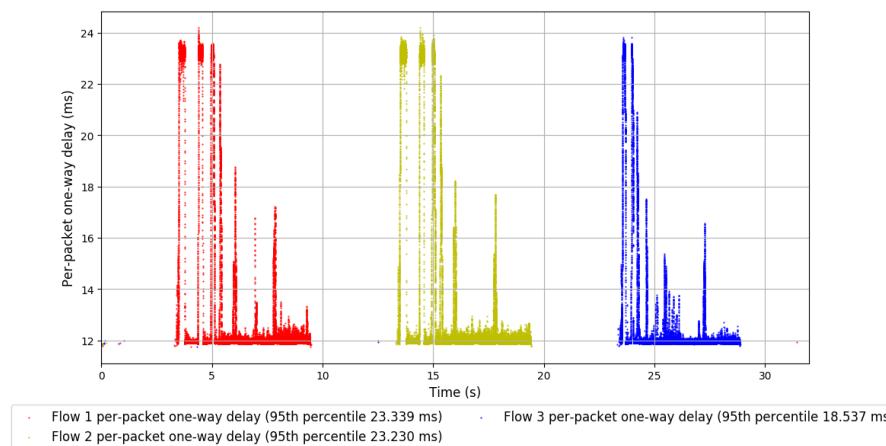
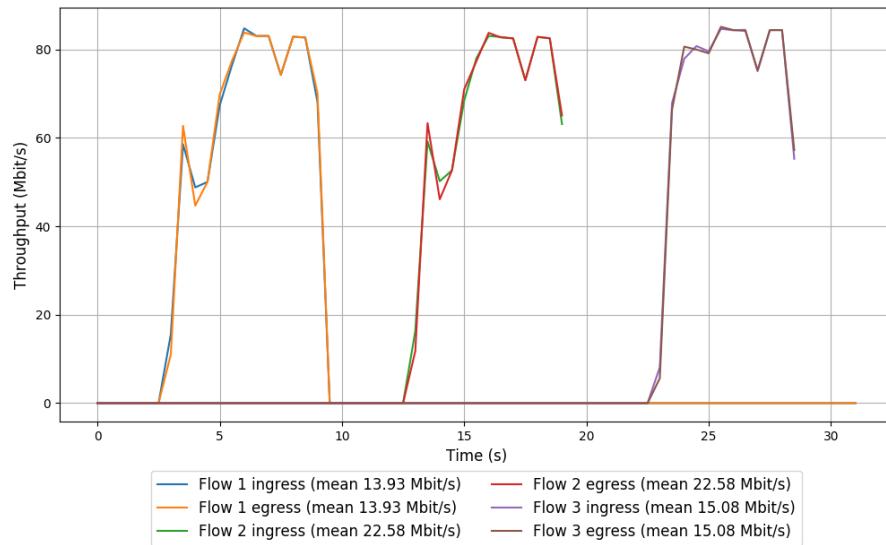


```
Run 1: Statistics of QUIC Cubic (toy)
```

```
Start at: Sat, 01 Jul 2017 12:23:52 +0000
End at: Sat, 01 Jul 2017 12:24:22 +0000
Local clock offset: 0.158 ms
Remote clock offset: -14.561 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 23.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.93 Mbit/s
95th percentile per-packet one-way delay: 23.339 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.58 Mbit/s
95th percentile per-packet one-way delay: 23.230 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.08 Mbit/s
95th percentile per-packet one-way delay: 18.537 ms
Loss rate: 0.00%
```

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

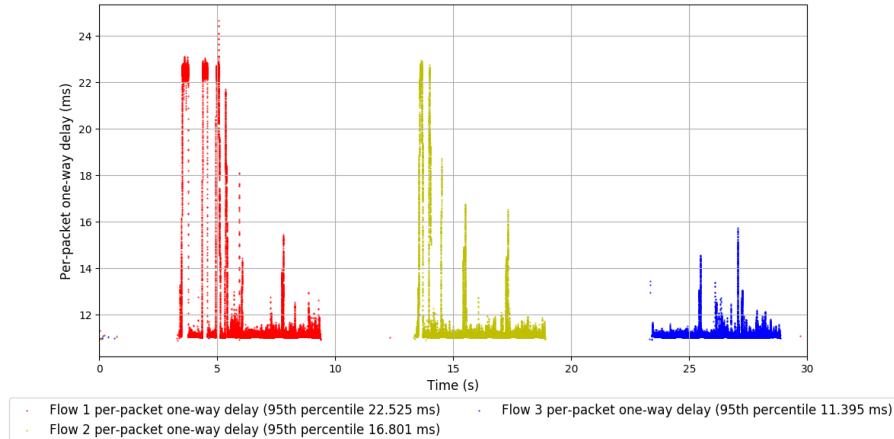
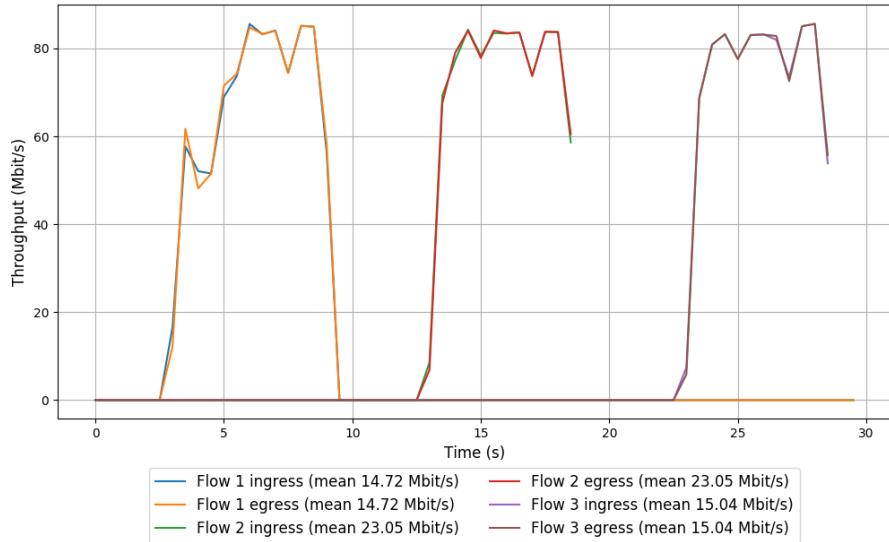


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Sat, 01 Jul 2017 12:42:16 +0000
End at: Sat, 01 Jul 2017 12:42:46 +0000
Local clock offset: 3.203 ms
Remote clock offset: -20.116 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 21.838 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 22.525 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 16.801 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.04 Mbit/s
95th percentile per-packet one-way delay: 11.395 ms
Loss rate: 0.01%
```

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

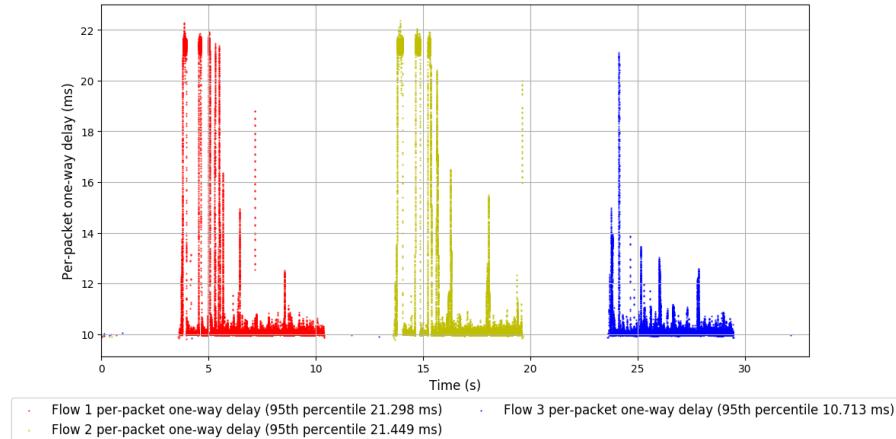
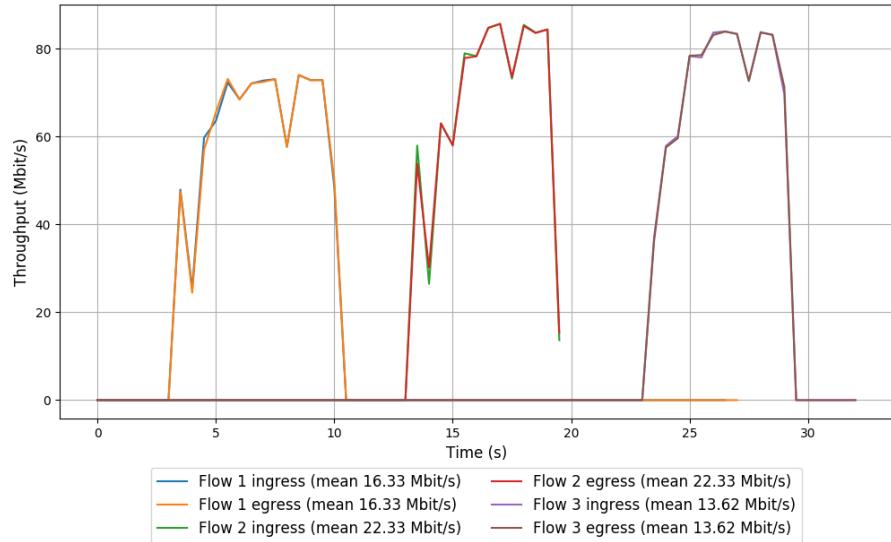


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Sat, 01 Jul 2017 13:00:44 +0000
End at: Sat, 01 Jul 2017 13:01:14 +0000
Local clock offset: 4.76 ms
Remote clock offset: -19.698 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 21.305 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 16.33 Mbit/s
95th percentile per-packet one-way delay: 21.298 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 21.449 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: 10.713 ms
Loss rate: 0.00%
```

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

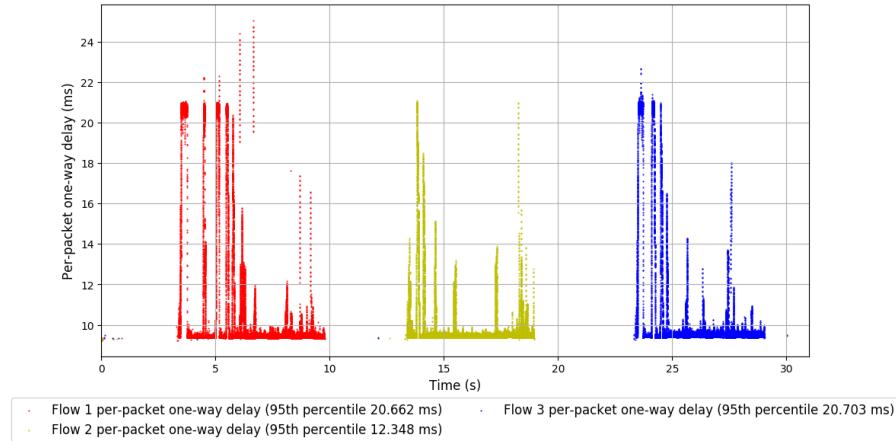
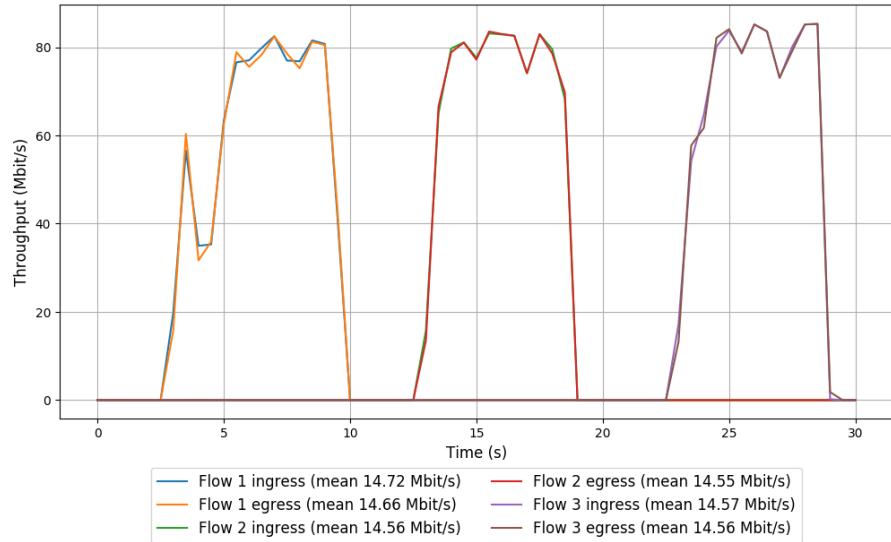


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Sat, 01 Jul 2017 13:18:45 +0000
End at: Sat, 01 Jul 2017 13:19:15 +0000
Local clock offset: 4.262 ms
Remote clock offset: -21.064 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.68 Mbit/s
95th percentile per-packet one-way delay: 20.517 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 14.66 Mbit/s
95th percentile per-packet one-way delay: 20.662 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 12.348 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 14.56 Mbit/s
95th percentile per-packet one-way delay: 20.703 ms
Loss rate: 0.11%
```

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

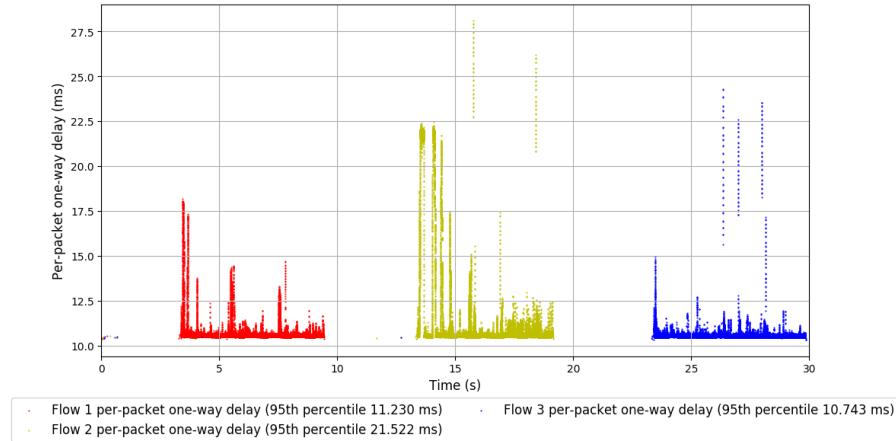
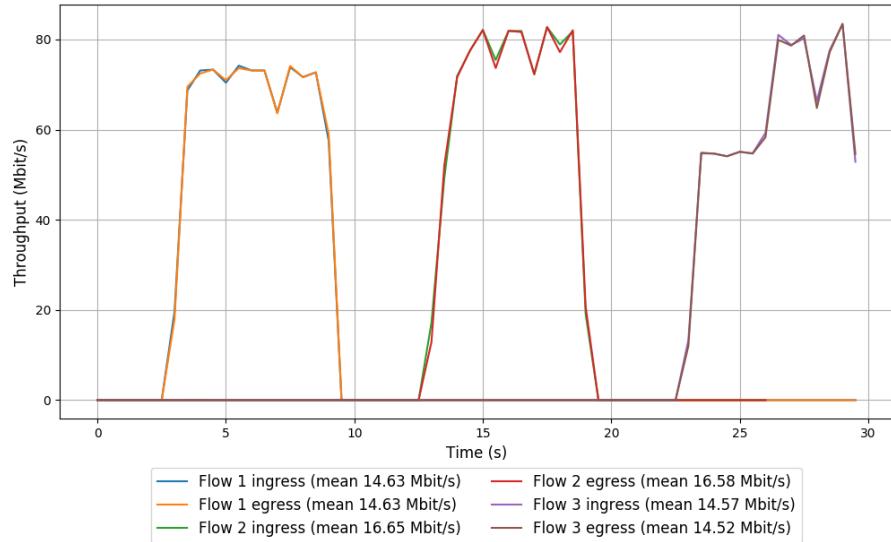


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Sat, 01 Jul 2017 13:36:51 +0000
End at: Sat, 01 Jul 2017 13:37:21 +0000
Local clock offset: 3.417 ms
Remote clock offset: -18.071 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.51 Mbit/s
95th percentile per-packet one-way delay: 12.312 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 11.230 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.58 Mbit/s
95th percentile per-packet one-way delay: 21.522 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 10.743 ms
Loss rate: 0.34%
```

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

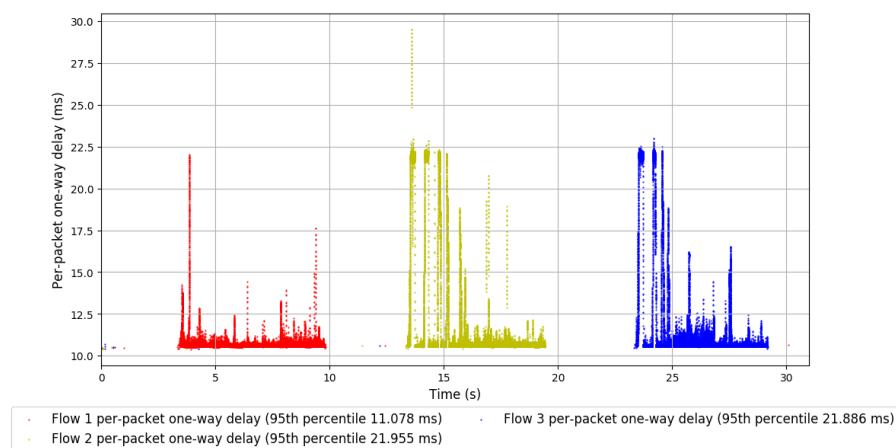
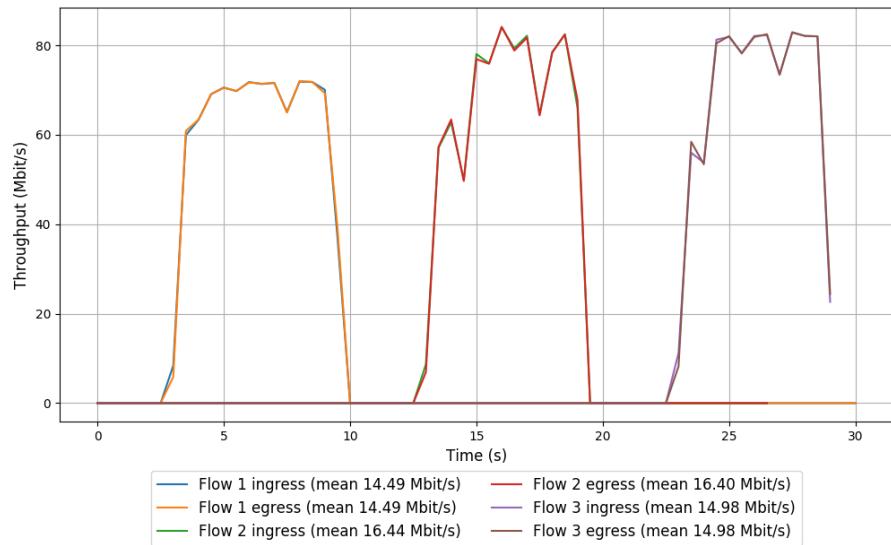


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Sat, 01 Jul 2017 13:55:00 +0000
End at: Sat, 01 Jul 2017 13:55:30 +0000
Local clock offset: 3.47 ms
Remote clock offset: -18.672 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:28:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.36 Mbit/s
95th percentile per-packet one-way delay: 21.711 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 14.49 Mbit/s
95th percentile per-packet one-way delay: 11.078 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 21.955 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 14.98 Mbit/s
95th percentile per-packet one-way delay: 21.886 ms
Loss rate: 0.00%
```

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

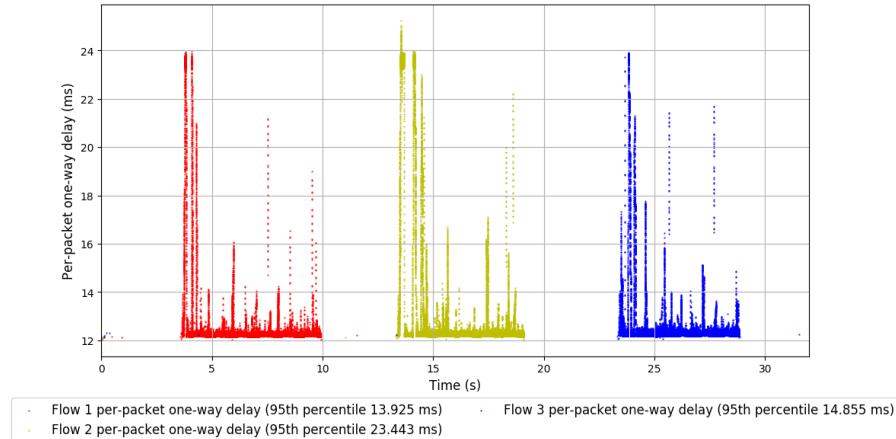
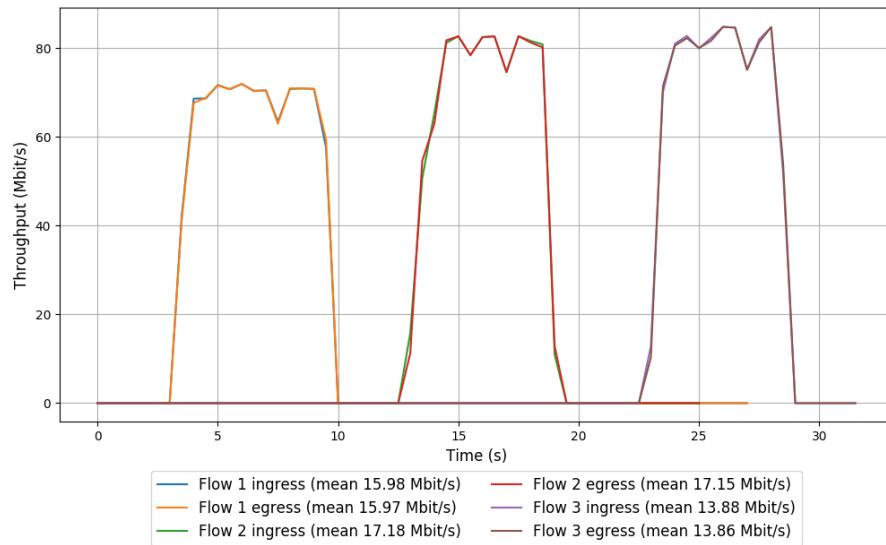


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Sat, 01 Jul 2017 14:13:12 +0000
End at: Sat, 01 Jul 2017 14:13:42 +0000
Local clock offset: 3.029 ms
Remote clock offset: -18.191 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.35 Mbit/s
95th percentile per-packet one-way delay: 17.304 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 13.925 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 17.15 Mbit/s
95th percentile per-packet one-way delay: 23.443 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 13.86 Mbit/s
95th percentile per-packet one-way delay: 14.855 ms
Loss rate: 0.14%
```

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

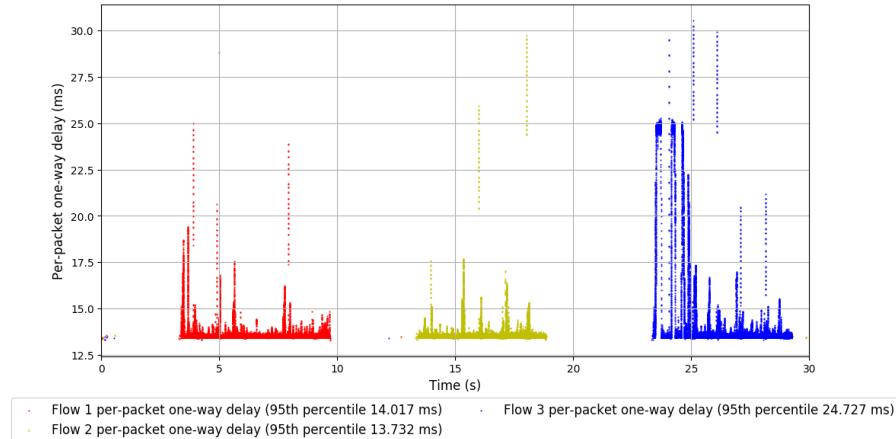
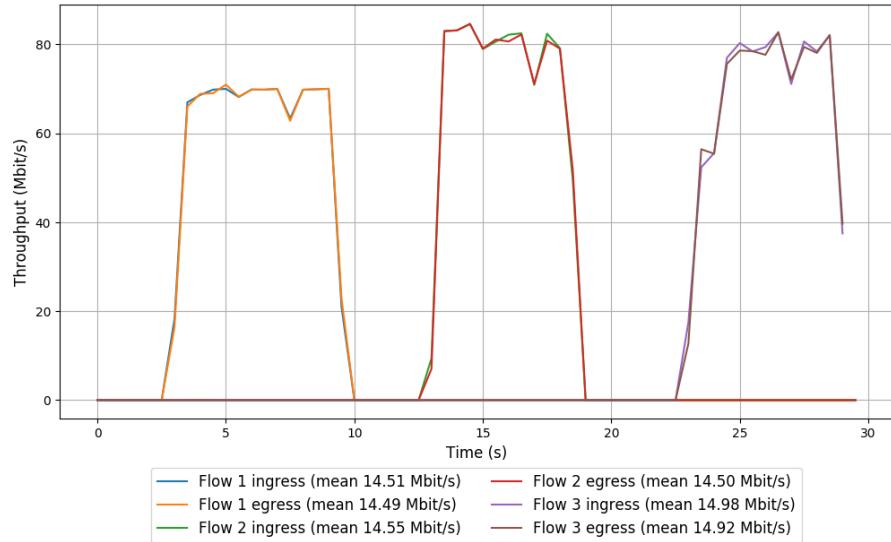


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Sat, 01 Jul 2017 14:31:21 +0000
End at: Sat, 01 Jul 2017 14:31:51 +0000
Local clock offset: 1.806 ms
Remote clock offset: -19.562 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.53 Mbit/s
95th percentile per-packet one-way delay: 16.389 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 14.49 Mbit/s
95th percentile per-packet one-way delay: 14.017 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 14.50 Mbit/s
95th percentile per-packet one-way delay: 13.732 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 14.92 Mbit/s
95th percentile per-packet one-way delay: 24.727 ms
Loss rate: 0.45%
```

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

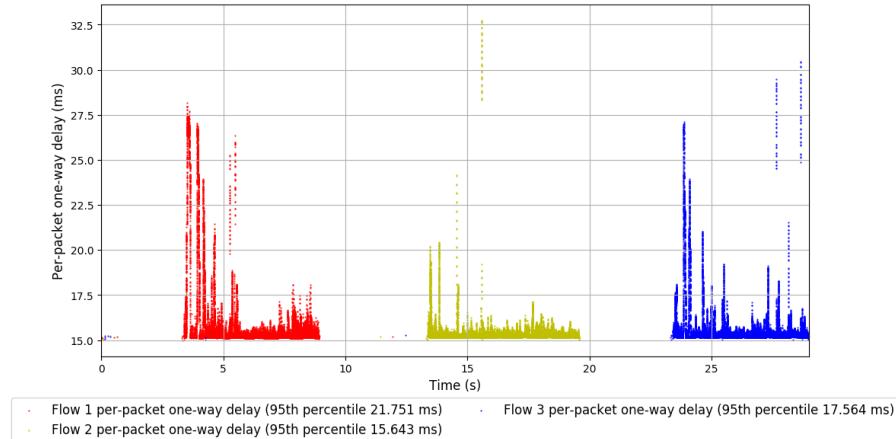
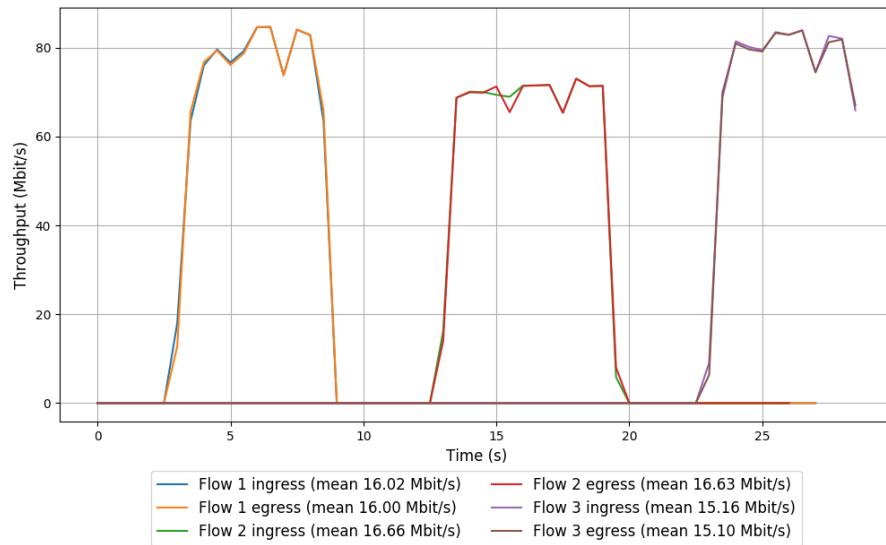


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Sat, 01 Jul 2017 14:50:05 +0000
End at: Sat, 01 Jul 2017 14:50:35 +0000
Local clock offset: 2.706 ms
Remote clock offset: -17.763 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 17.380 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 21.751 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 16.63 Mbit/s
95th percentile per-packet one-way delay: 15.643 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 15.10 Mbit/s
95th percentile per-packet one-way delay: 17.564 ms
Loss rate: 0.35%
```

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

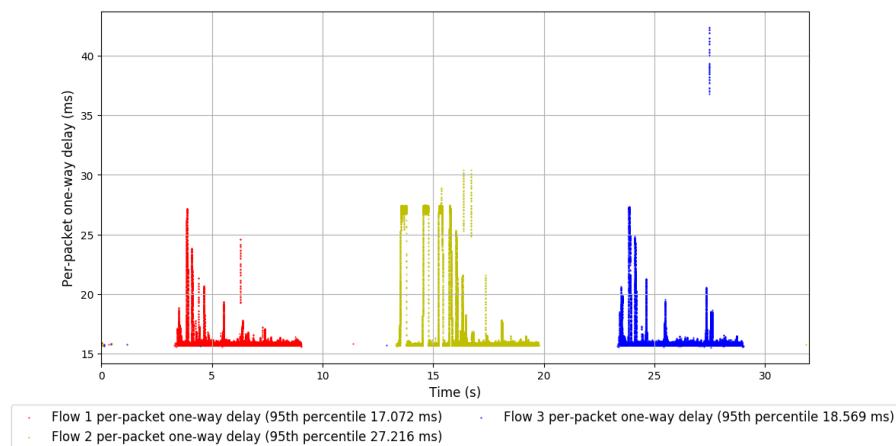
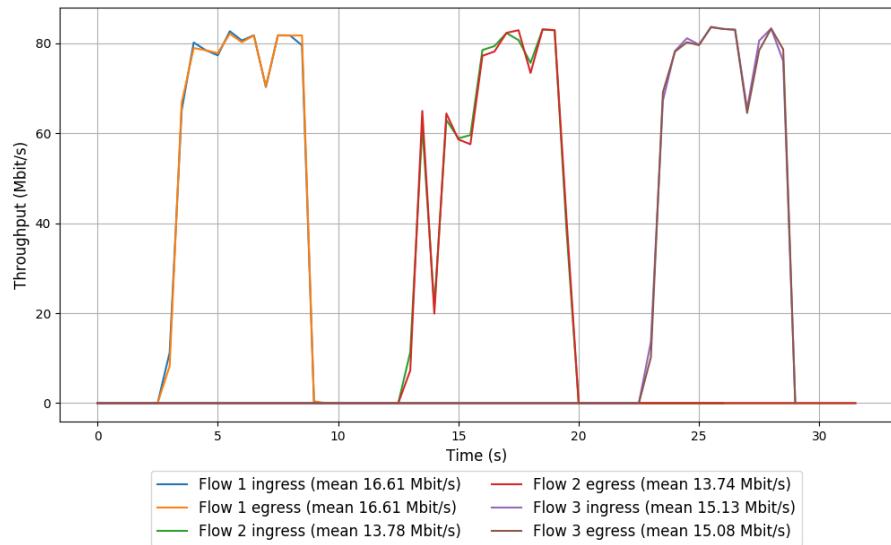


```
Run 10: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 15:08:31 +0000
End at: Sat, 01 Jul 2017 15:09:01 +0000
Local clock offset: -1.516 ms
Remote clock offset: -16.305 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 26.921 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 16.61 Mbit/s
95th percentile per-packet one-way delay: 17.072 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 13.74 Mbit/s
95th percentile per-packet one-way delay: 27.216 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 15.08 Mbit/s
95th percentile per-packet one-way delay: 18.569 ms
Loss rate: 0.36%
```

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



```
Run 1: Statistics of Saturator
```

```
Start at: Sat, 01 Jul 2017 12:15:36 +0000  
End at: Sat, 01 Jul 2017 12:16:06 +0000
```

```
Local clock offset: 2.787 ms
```

```
Remote clock offset: -18.619 ms
```

```
# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:19 +0000
```

```
# Datalink statistics
```

```
-- Total of 3 flows:
```

```
Average throughput: 85.07 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.559 ms
```

```
Loss rate: 0.24%
```

```
-- Flow 1:
```

```
Average throughput: 49.60 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.517 ms
```

```
Loss rate: 0.15%
```

```
-- Flow 2:
```

```
Average throughput: 20.98 Mbit/s
```

```
95th percentile per-packet one-way delay: 58.692 ms
```

```
Loss rate: 0.28%
```

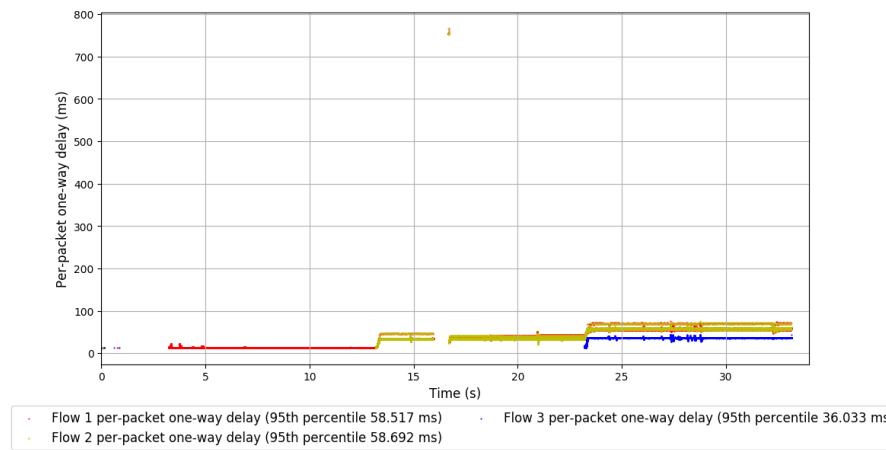
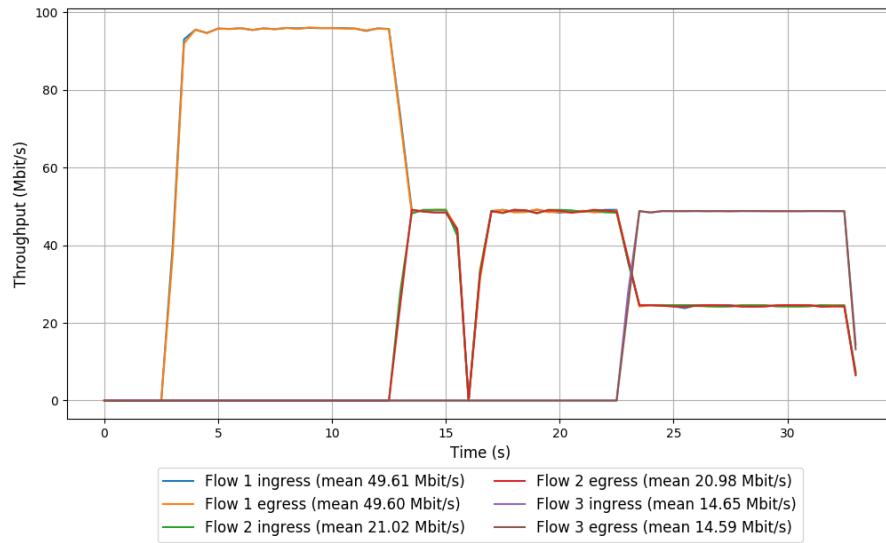
```
-- Flow 3:
```

```
Average throughput: 14.59 Mbit/s
```

```
95th percentile per-packet one-way delay: 36.033 ms
```

```
Loss rate: 0.49%
```

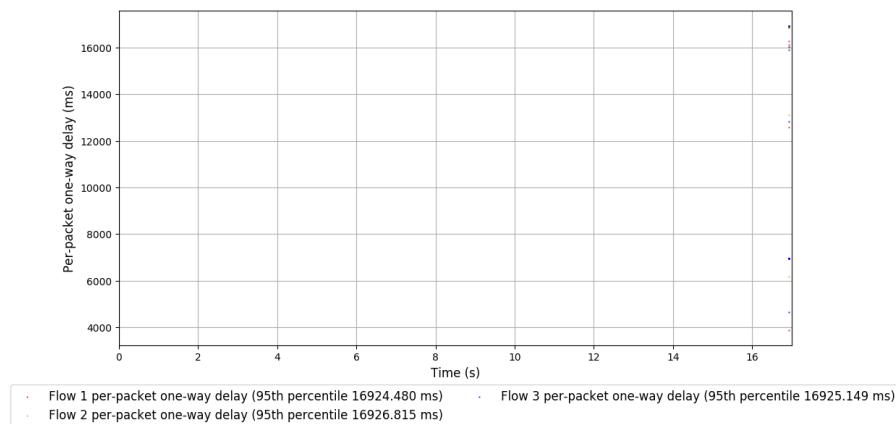
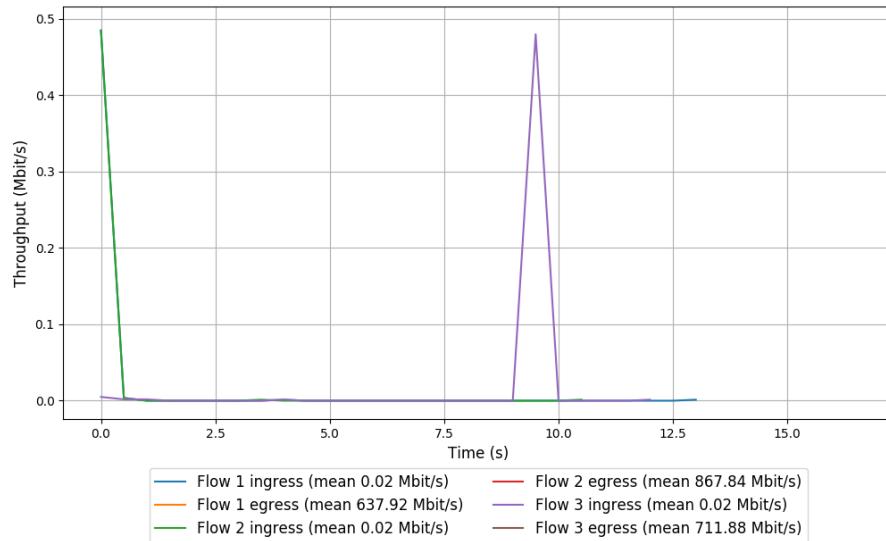
Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sat, 01 Jul 2017 12:34:05 +0000  
End at: Sat, 01 Jul 2017 12:34:35 +0000  
Local clock offset: -0.953 ms  
Remote clock offset: -21.219 ms

Run 2: Report of Saturator — Data Link

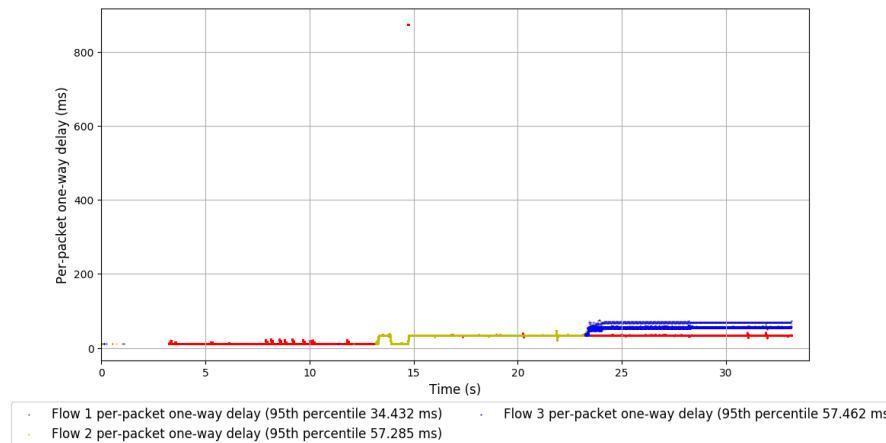
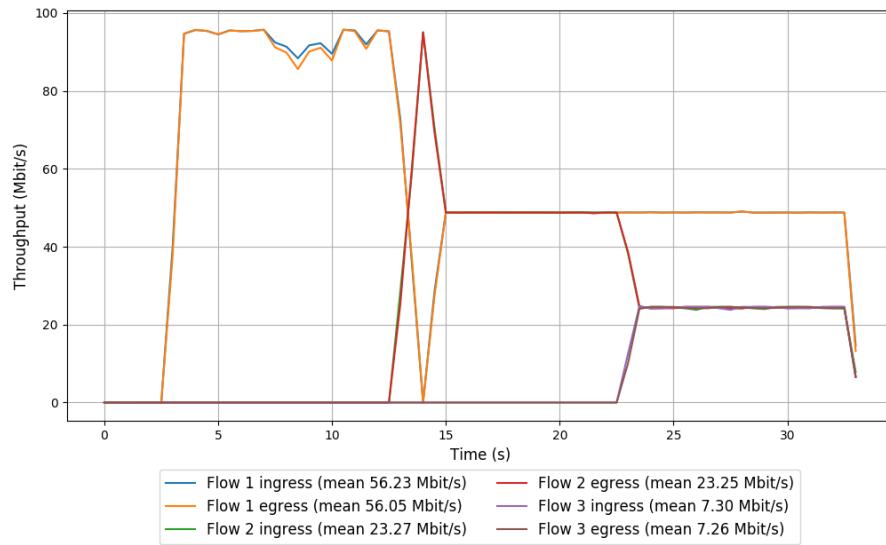


Run 3: Statistics of Saturator

```
Start at: Sat, 01 Jul 2017 12:52:22 +0000
End at: Sat, 01 Jul 2017 12:52:52 +0000
Local clock offset: 3.198 ms
Remote clock offset: -19.833 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.48 Mbit/s
95th percentile per-packet one-way delay: 57.216 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 34.432 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 23.25 Mbit/s
95th percentile per-packet one-way delay: 57.285 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 7.26 Mbit/s
95th percentile per-packet one-way delay: 57.462 ms
Loss rate: 0.70%
```

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

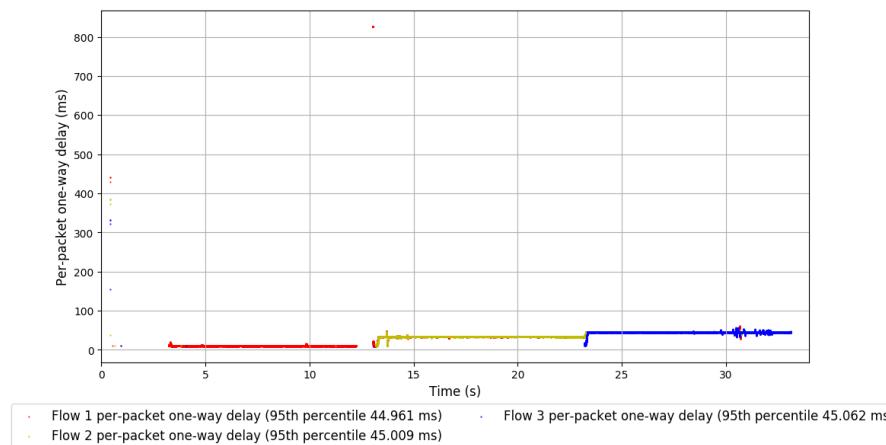
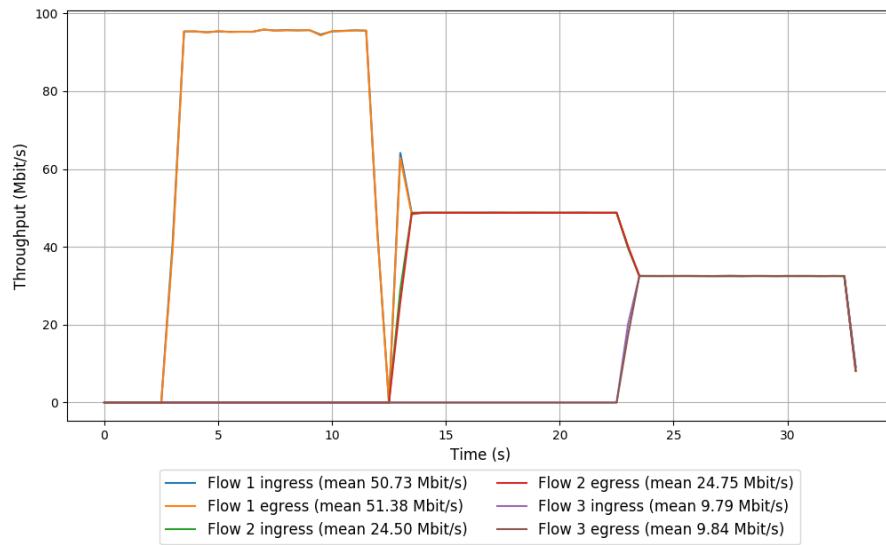


Run 4: Statistics of Saturator

```
Start at: Sat, 01 Jul 2017 13:10:33 +0000
End at: Sat, 01 Jul 2017 13:11:03 +0000
Local clock offset: 0.819 ms
Remote clock offset: -19.375 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.97 Mbit/s
95th percentile per-packet one-way delay: 45.004 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 51.38 Mbit/s
95th percentile per-packet one-way delay: 44.961 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 45.009 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 9.84 Mbit/s
95th percentile per-packet one-way delay: 45.062 ms
Loss rate: 0.60%
```

## Run 4: Report of Saturator — Data Link

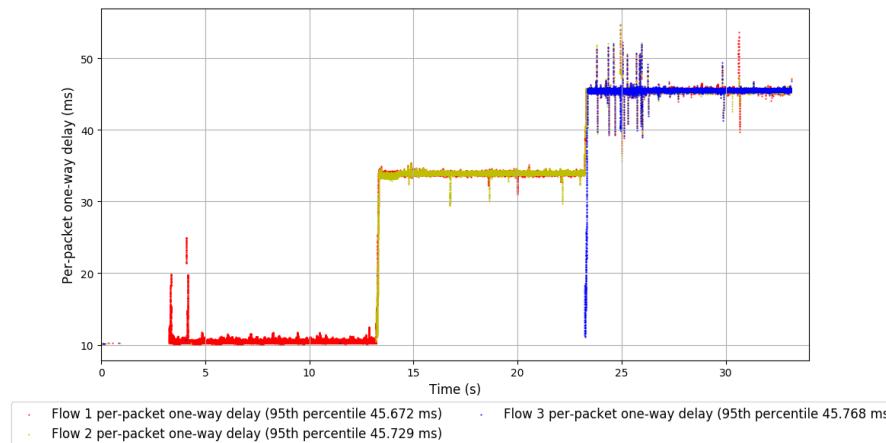
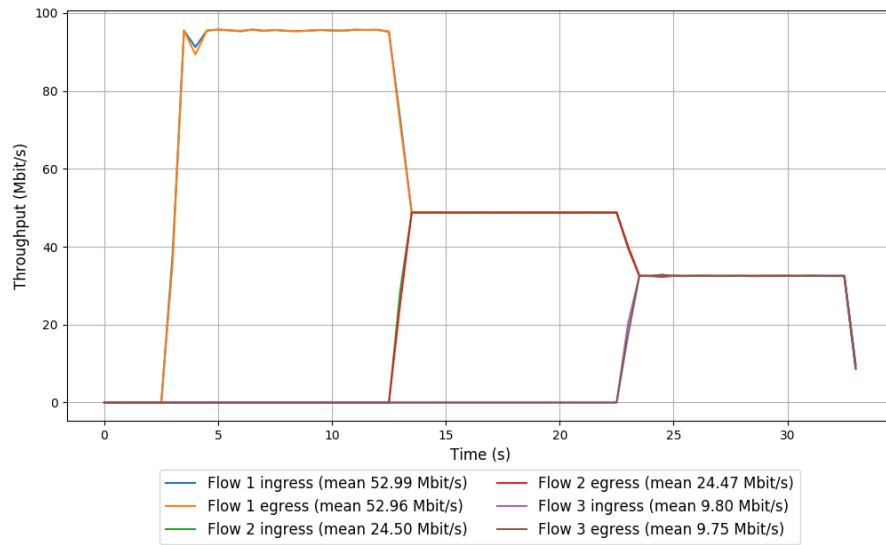


Run 5: Statistics of Saturator

```
Start at: Sat, 01 Jul 2017 13:28:39 +0000
End at: Sat, 01 Jul 2017 13:29:09 +0000
Local clock offset: 2.808 ms
Remote clock offset: -19.479 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 45.716 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 45.672 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 45.729 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 45.768 ms
Loss rate: 0.62%
```

Run 5: Report of Saturator — Data Link

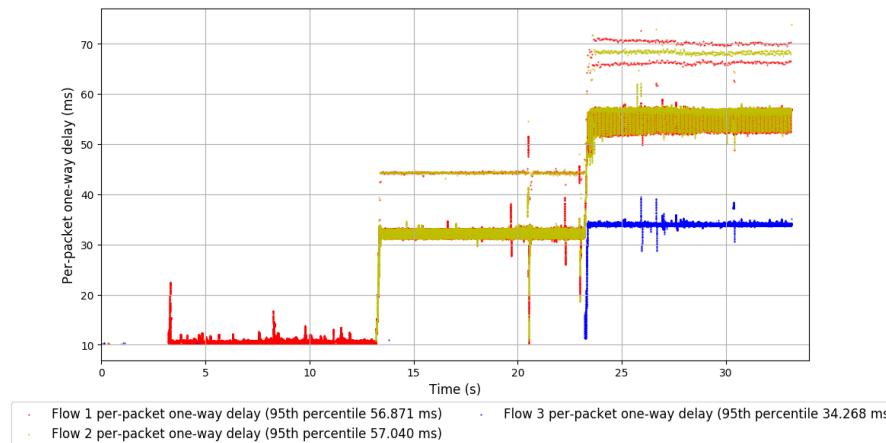
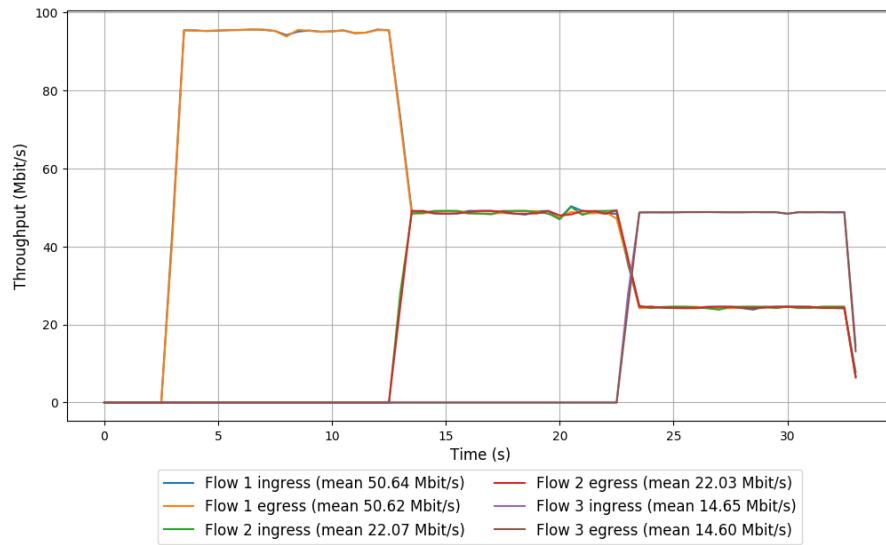


Run 6: Statistics of Saturator

```
Start at: Sat, 01 Jul 2017 13:46:43 +0000
End at: Sat, 01 Jul 2017 13:47:13 +0000
Local clock offset: 2.272 ms
Remote clock offset: -18.992 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 56.915 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 50.62 Mbit/s
95th percentile per-packet one-way delay: 56.871 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 22.03 Mbit/s
95th percentile per-packet one-way delay: 57.040 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 14.60 Mbit/s
95th percentile per-packet one-way delay: 34.268 ms
Loss rate: 0.49%
```

Run 6: Report of Saturator — Data Link

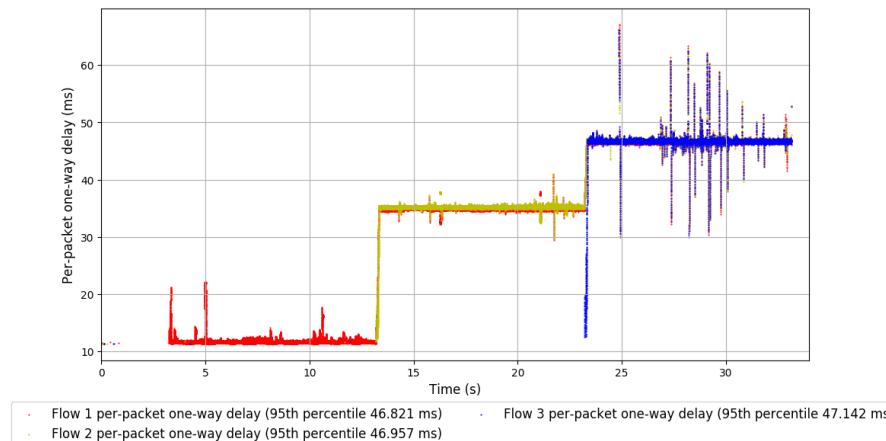
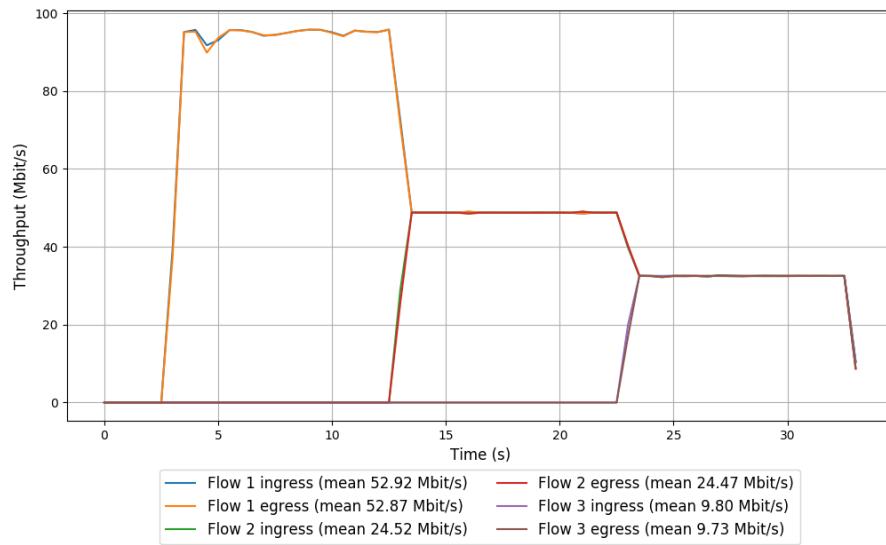


Run 7: Statistics of Saturator

```
Start at: Sat, 01 Jul 2017 14:05:02 +0000
End at: Sat, 01 Jul 2017 14:05:32 +0000
Local clock offset: 2.605 ms
Remote clock offset: -18.8 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:29:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 46.922 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 46.821 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 46.957 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 9.73 Mbit/s
95th percentile per-packet one-way delay: 47.142 ms
Loss rate: 0.79%
```

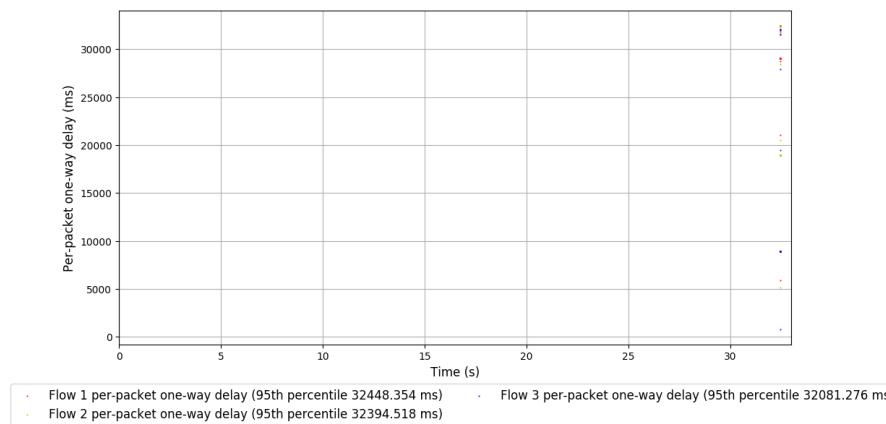
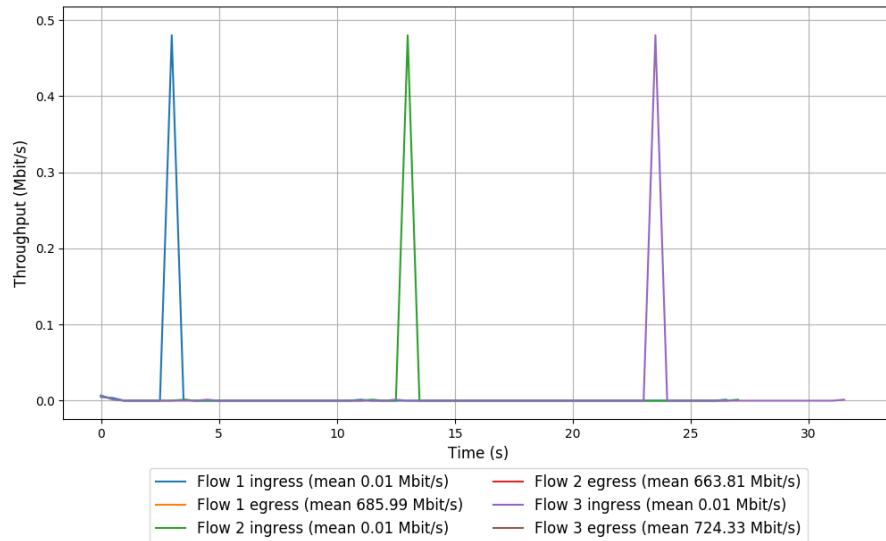
Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Sat, 01 Jul 2017 14:23:08 +0000  
End at: Sat, 01 Jul 2017 14:23:38 +0000  
Local clock offset: 2.133 ms  
Remote clock offset: -16.781 ms

Run 8: Report of Saturator — Data Link

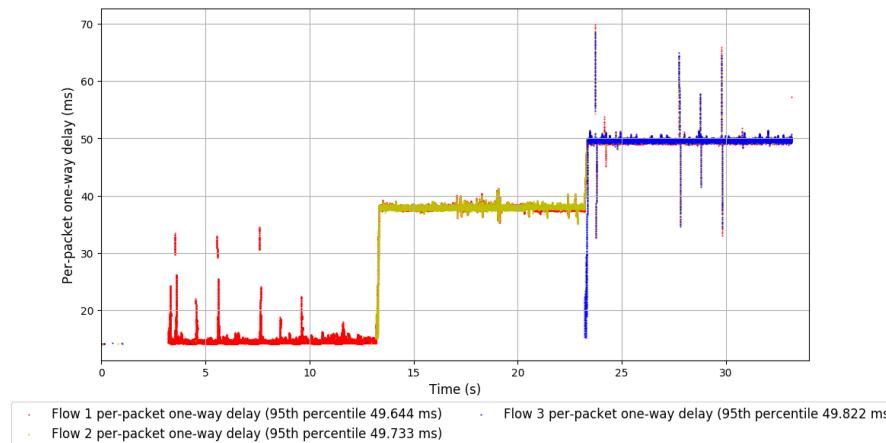
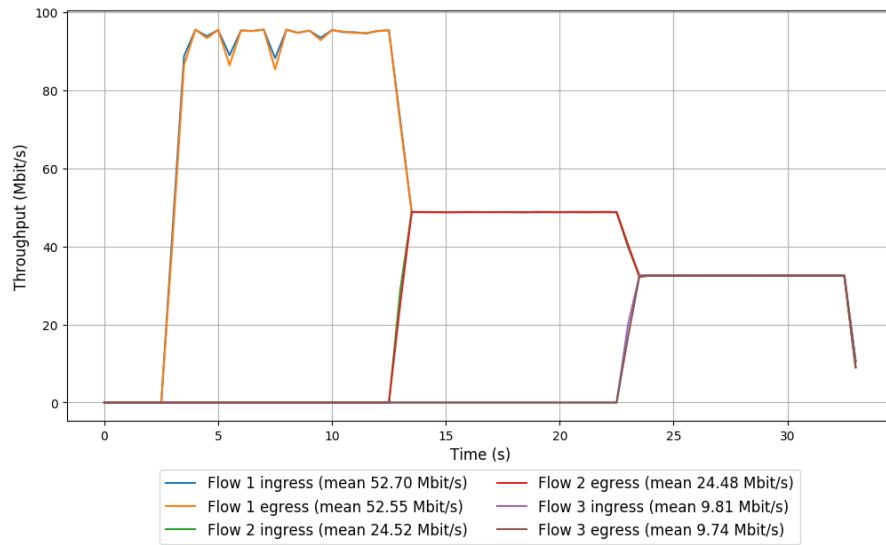


Run 9: Statistics of Saturator

```
Start at: Sat, 01 Jul 2017 14:41:27 +0000
End at: Sat, 01 Jul 2017 14:41:57 +0000
Local clock offset: -0.502 ms
Remote clock offset: -15.454 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 49.728 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 49.644 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 49.733 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 9.74 Mbit/s
95th percentile per-packet one-way delay: 49.822 ms
Loss rate: 0.78%
```

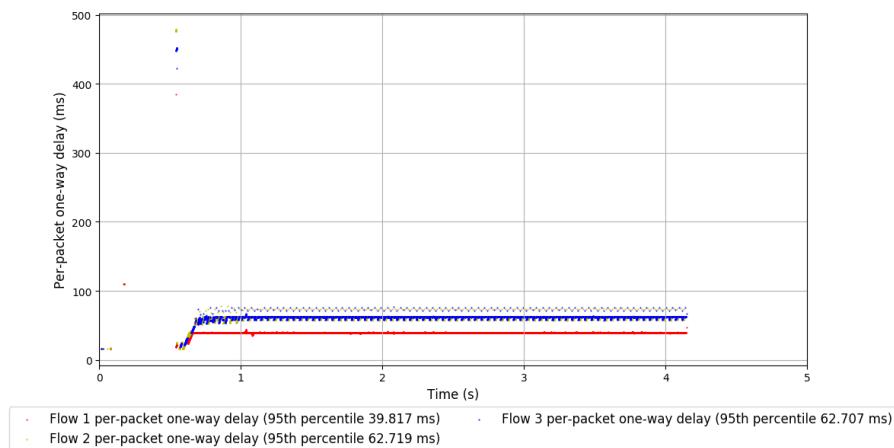
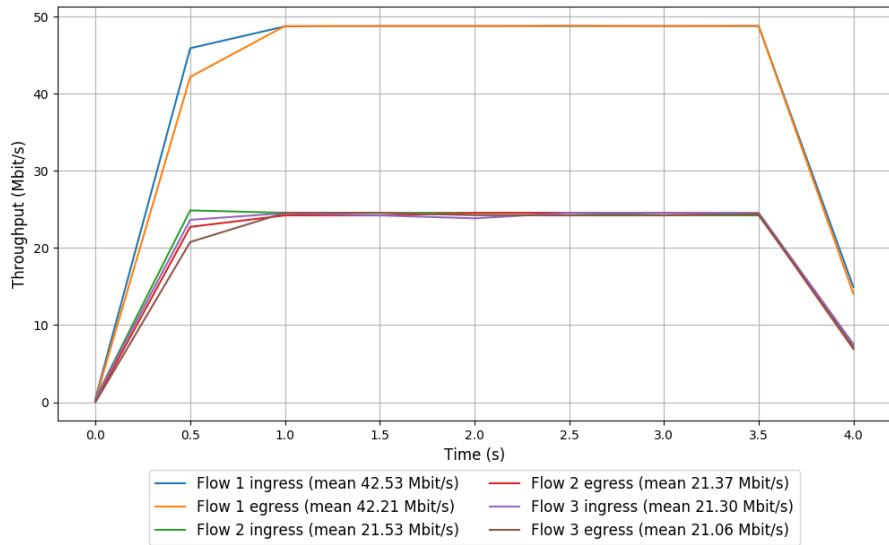
Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Sat, 01 Jul 2017 15:00:19 +0000  
End at: Sat, 01 Jul 2017 15:00:49 +0000  
Local clock offset: 0.952 ms  
Remote clock offset: -16.042 ms

Run 10: Report of Saturator — Data Link

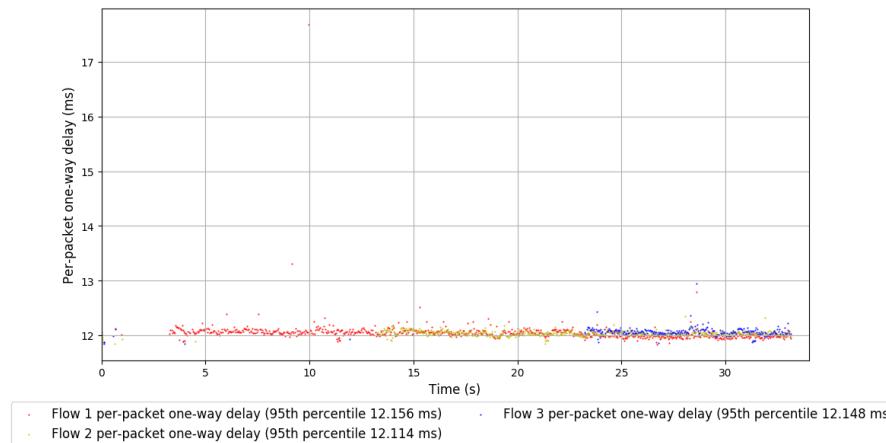
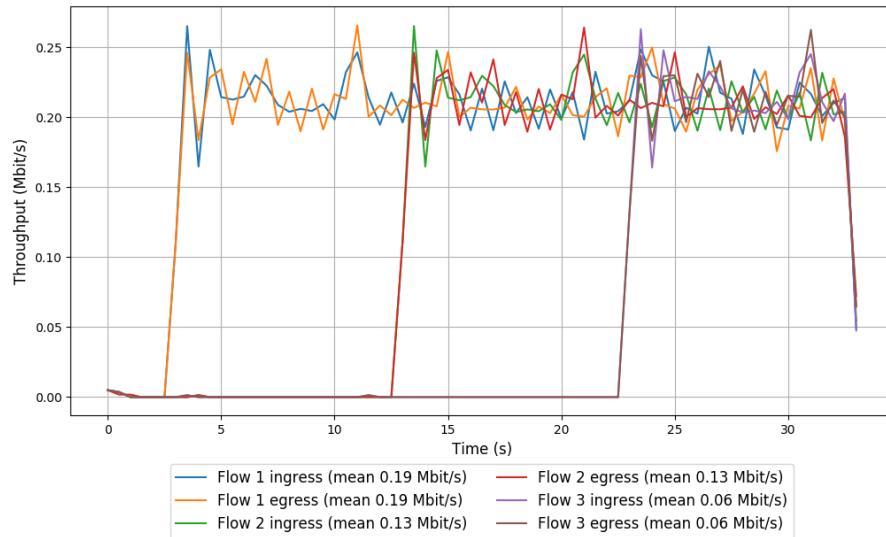


Run 1: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 12:20:24 +0000
End at: Sat, 01 Jul 2017 12:20:54 +0000
Local clock offset: -2.003 ms
Remote clock offset: -19.223 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 12.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.156 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 12.114 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 12.148 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

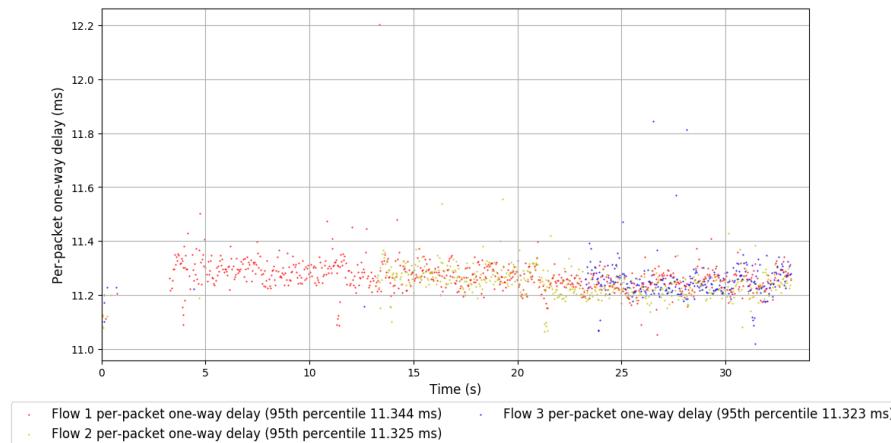
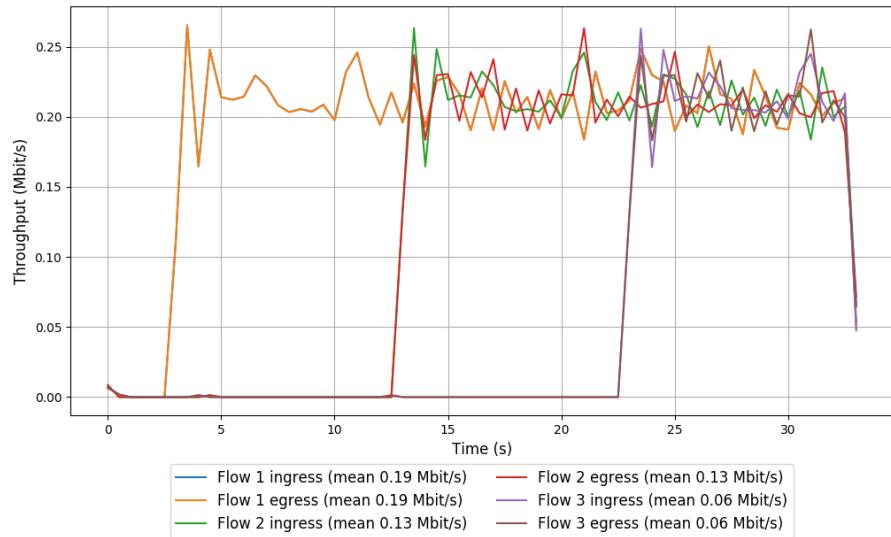


Run 2: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 12:38:42 +0000
End at: Sat, 01 Jul 2017 12:39:12 +0000
Local clock offset: -0.065 ms
Remote clock offset: -19.613 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 11.339 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 11.344 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 11.325 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 11.323 ms
Loss rate: 0.00%
```

## Run 2: Report of SCReAM — Data Link

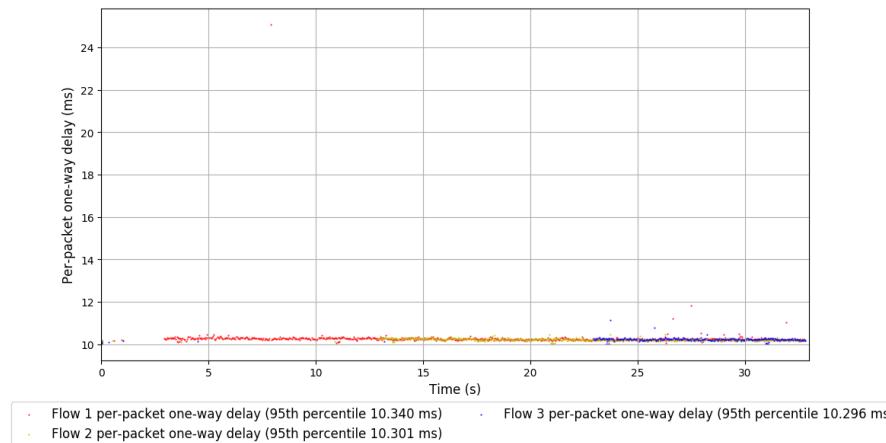
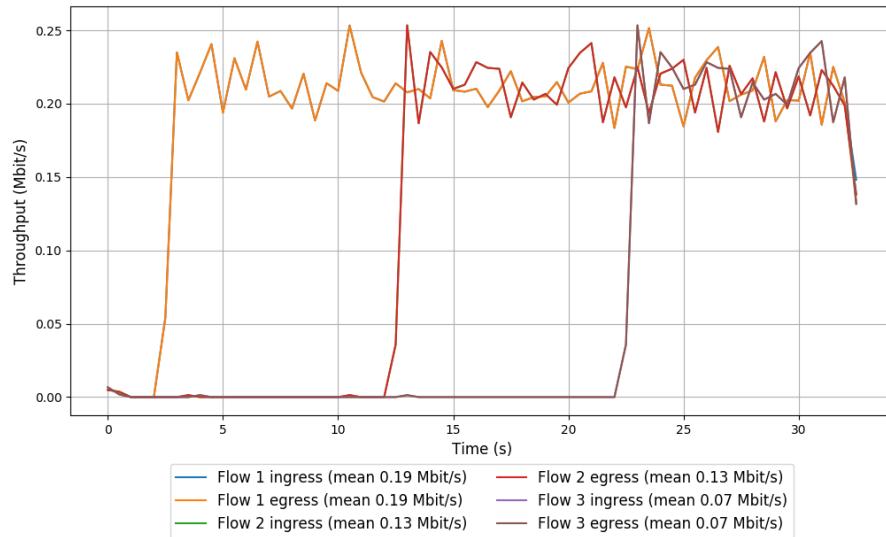


Run 3: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 12:57:15 +0000
End at: Sat, 01 Jul 2017 12:57:45 +0000
Local clock offset: 0.655 ms
Remote clock offset: -19.563 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 10.322 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.340 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 10.301 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 10.296 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

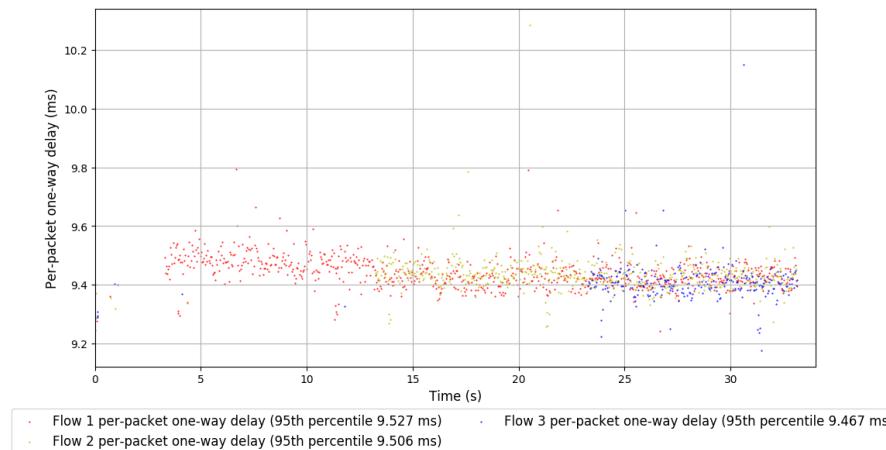
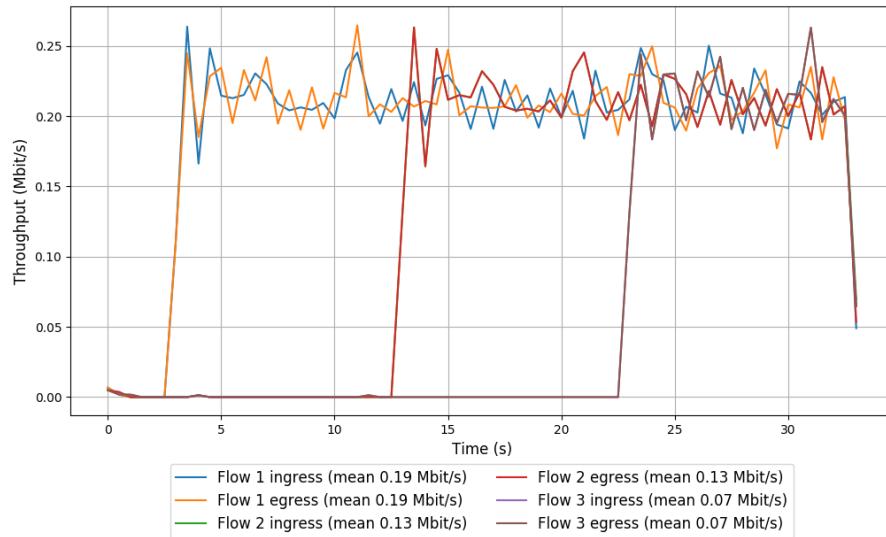


Run 4: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 13:15:16 +0000
End at: Sat, 01 Jul 2017 13:15:46 +0000
Local clock offset: 2.388 ms
Remote clock offset: -20.209 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 9.518 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.527 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 9.506 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 9.467 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

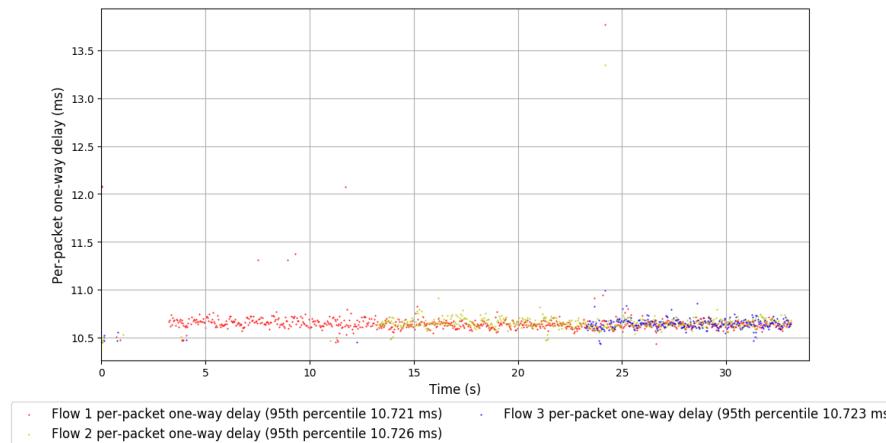
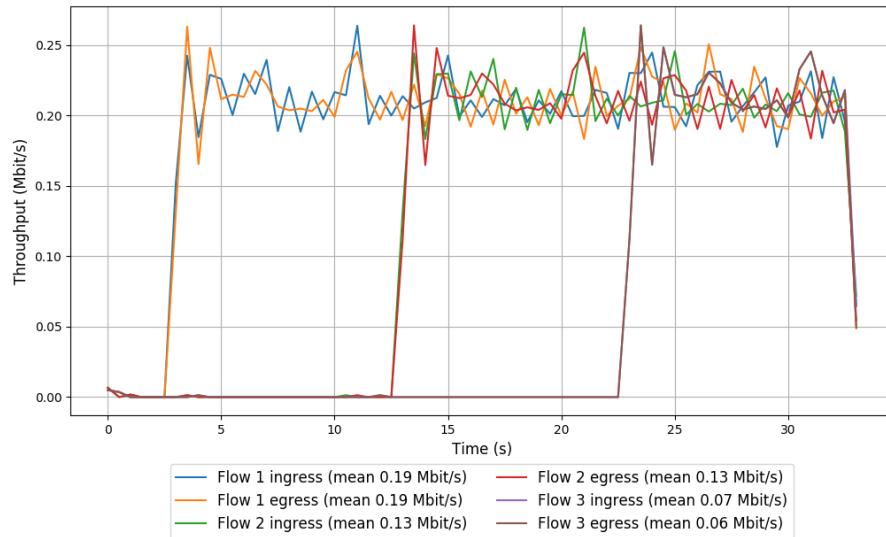


Run 5: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 13:33:28 +0000
End at: Sat, 01 Jul 2017 13:33:58 +0000
Local clock offset: 1.3 ms
Remote clock offset: -19.482 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 10.722 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.721 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 10.726 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 10.723 ms
Loss rate: 0.35%
```

Run 5: Report of SCReAM — Data Link

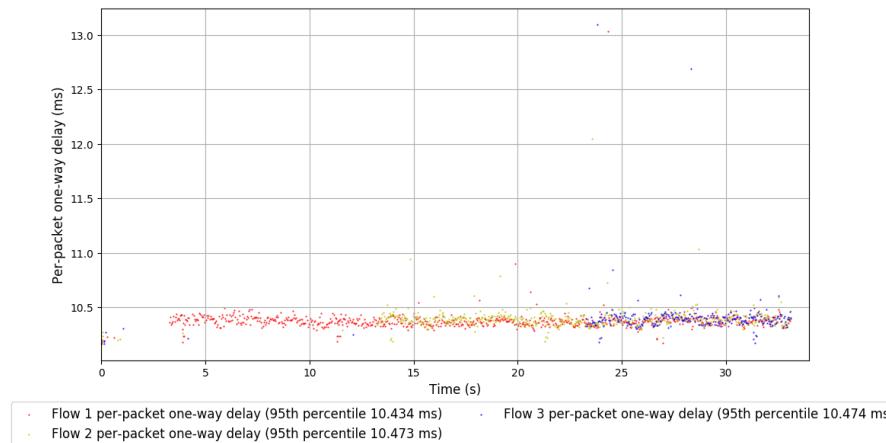
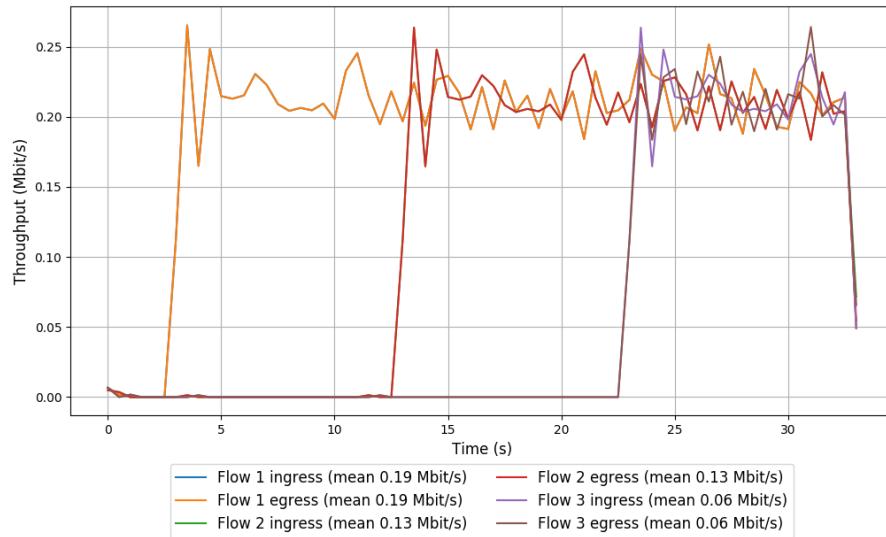


Run 6: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 13:51:30 +0000
End at: Sat, 01 Jul 2017 13:52:00 +0000
Local clock offset: 3.349 ms
Remote clock offset: -19.61 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 10.458 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.434 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 10.473 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 10.474 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

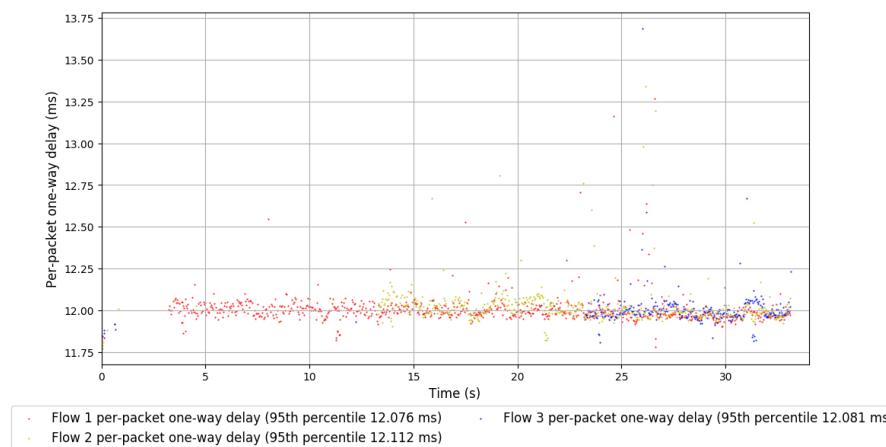
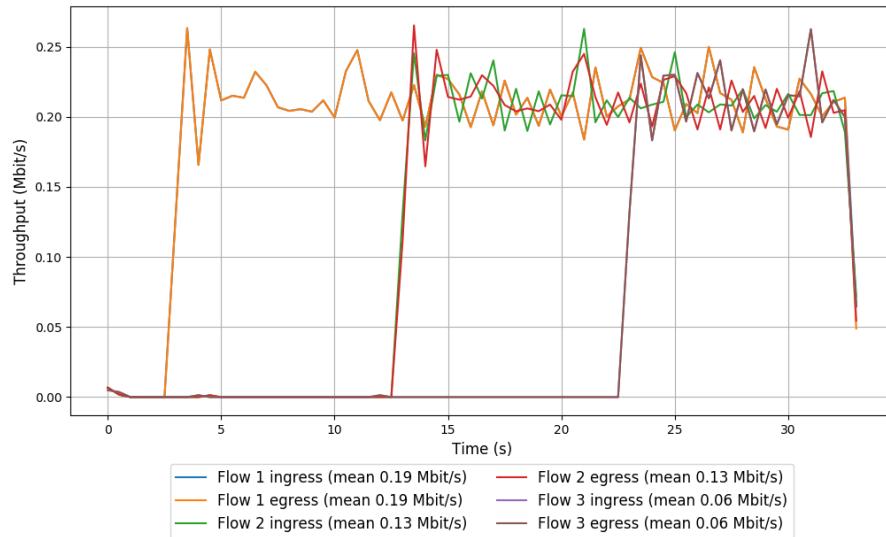


Run 7: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 14:09:45 +0000
End at: Sat, 01 Jul 2017 14:10:15 +0000
Local clock offset: 3.023 ms
Remote clock offset: -17.519 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 12.099 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 12.076 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 12.112 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 12.081 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

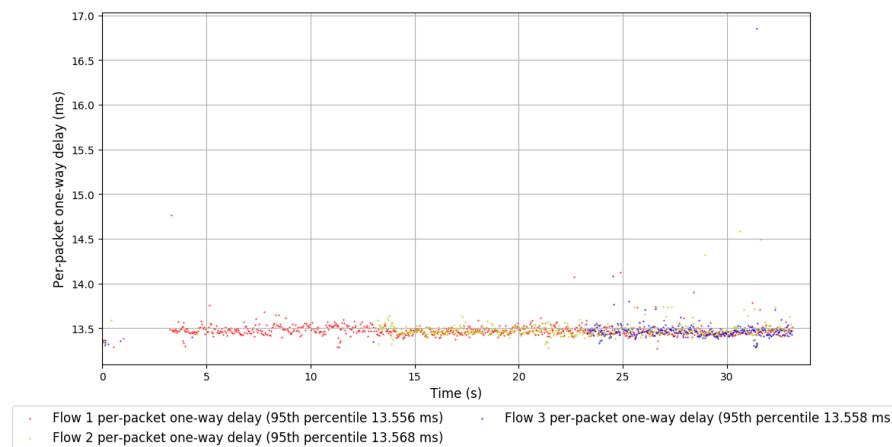
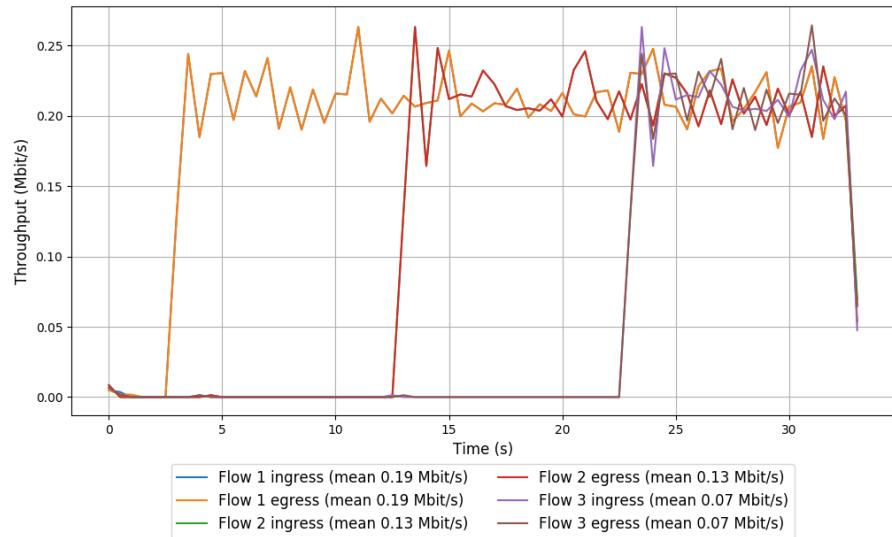


Run 8: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 14:27:49 +0000
End at: Sat, 01 Jul 2017 14:28:19 +0000
Local clock offset: 3.315 ms
Remote clock offset: -17.839 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 13.563 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 13.556 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 13.568 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 13.558 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

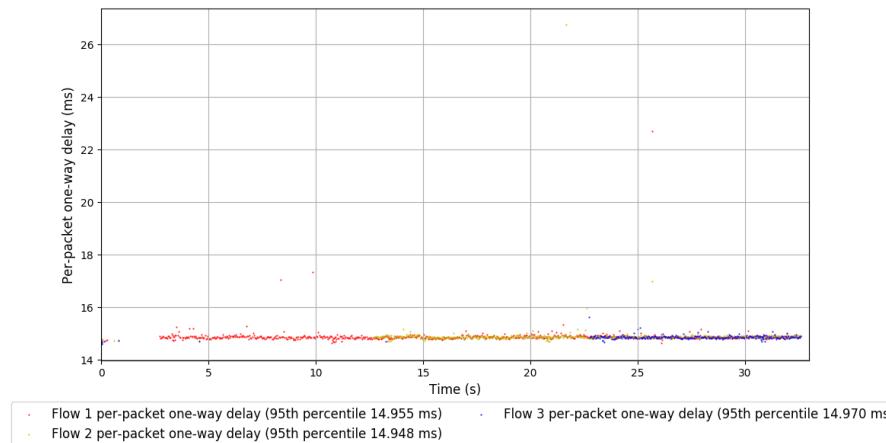
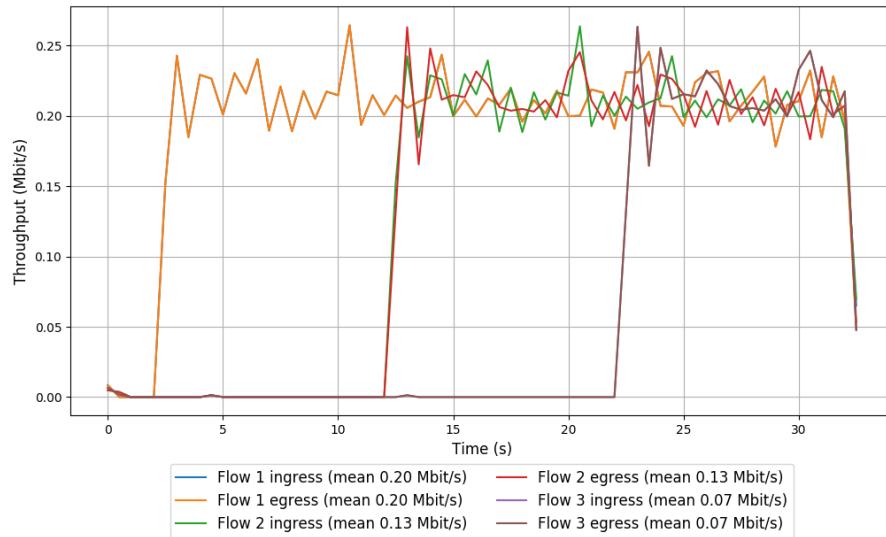


Run 9: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 14:46:26 +0000
End at: Sat, 01 Jul 2017 14:46:56 +0000
Local clock offset: 2.299 ms
Remote clock offset: -18.334 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 14.955 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 14.955 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 14.948 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 14.970 ms
Loss rate: 0.00%
```

## Run 9: Report of SCReAM — Data Link

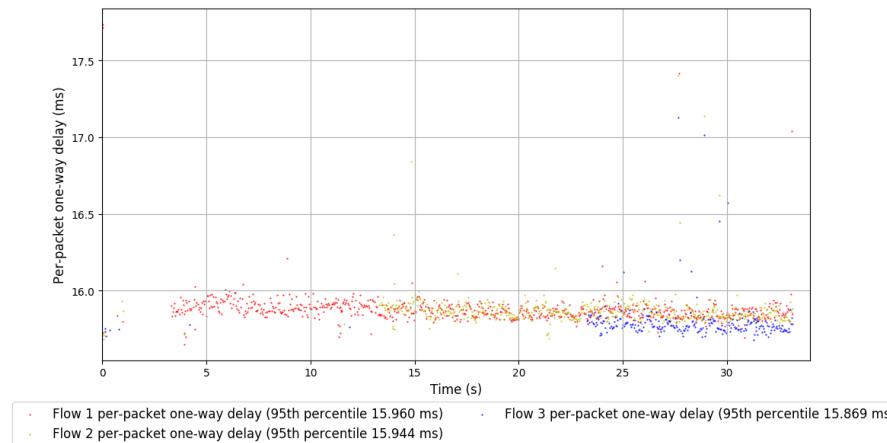
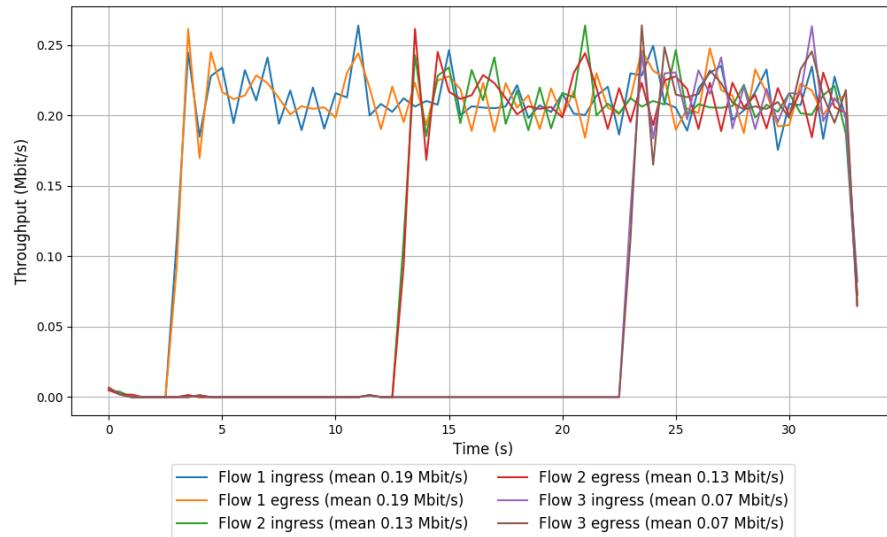


Run 10: Statistics of SCReAM

```
Start at: Sat, 01 Jul 2017 15:05:04 +0000
End at: Sat, 01 Jul 2017 15:05:34 +0000
Local clock offset: 0.93 ms
Remote clock offset: -16.2 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 15.950 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 15.960 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 15.944 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 15.869 ms
Loss rate: 0.00%
```

## Run 10: Report of SCReAM — Data Link

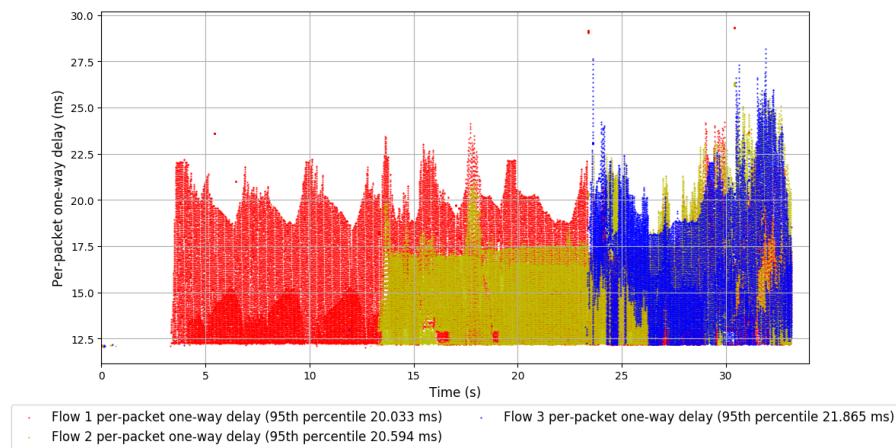
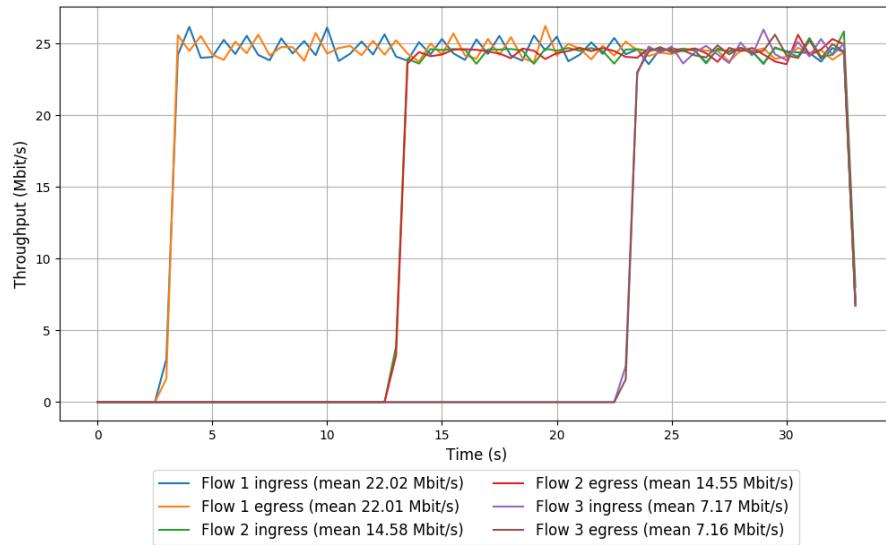


Run 1: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 12:12:00 +0000
End at: Sat, 01 Jul 2017 12:12:30 +0000
Local clock offset: -2.68 ms
Remote clock offset: -19.654 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.67 Mbit/s
95th percentile per-packet one-way delay: 20.509 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 20.033 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 20.594 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 7.16 Mbit/s
95th percentile per-packet one-way delay: 21.865 ms
Loss rate: 0.23%
```

## Run 1: Report of Sprout — Data Link

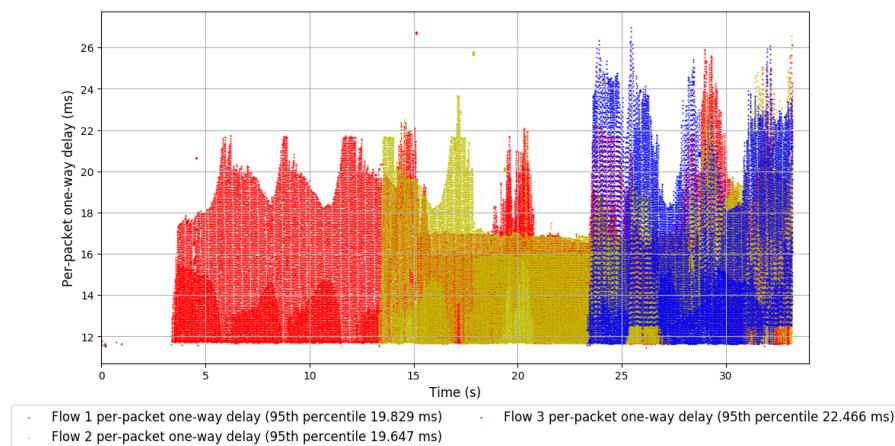
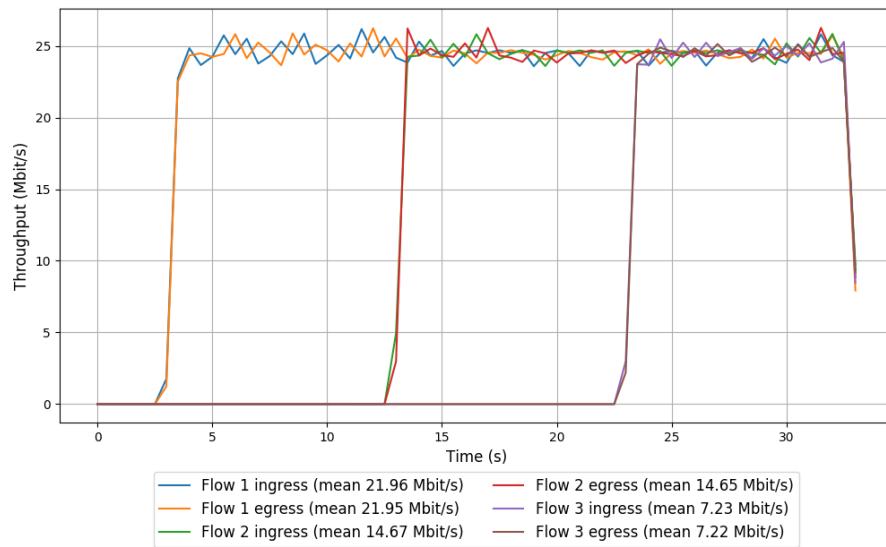


Run 2: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 12:30:20 +0000
End at: Sat, 01 Jul 2017 12:30:50 +0000
Local clock offset: -3.119 ms
Remote clock offset: -19.567 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 20.480 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 21.95 Mbit/s
95th percentile per-packet one-way delay: 19.829 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 19.647 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 22.466 ms
Loss rate: 0.24%
```

## Run 2: Report of Sprout — Data Link

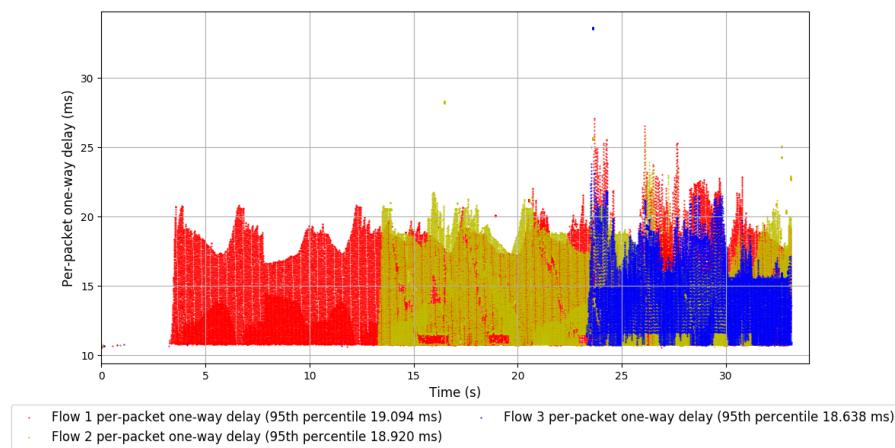
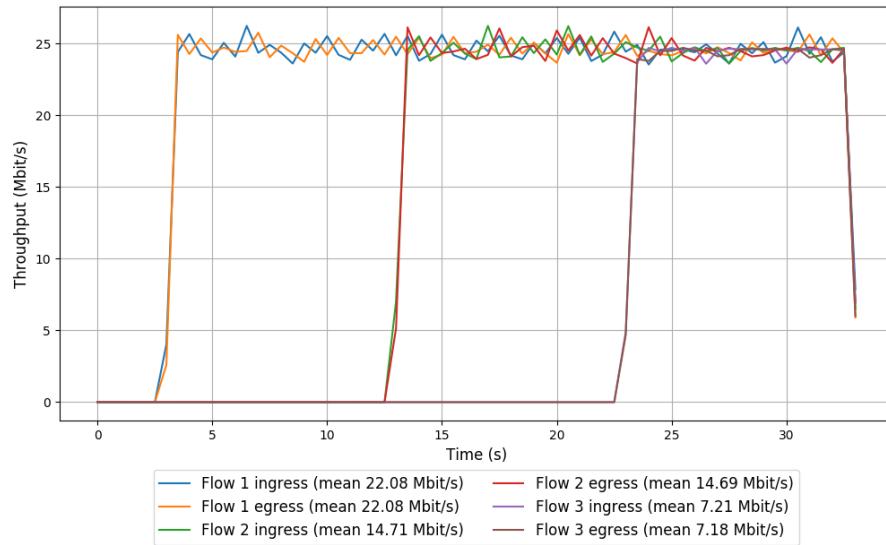


Run 3: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 12:48:45 +0000
End at: Sat, 01 Jul 2017 12:49:15 +0000
Local clock offset: 2.086 ms
Remote clock offset: -20.173 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 18.980 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 19.094 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 14.69 Mbit/s
95th percentile per-packet one-way delay: 18.920 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 18.638 ms
Loss rate: 0.39%
```

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

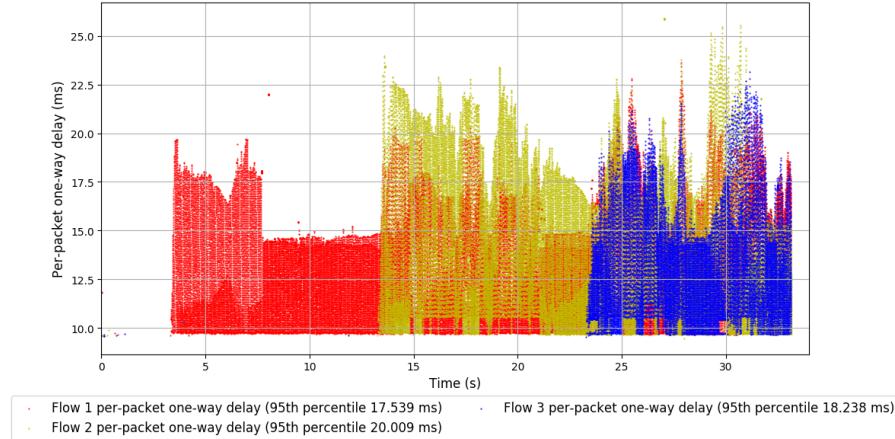
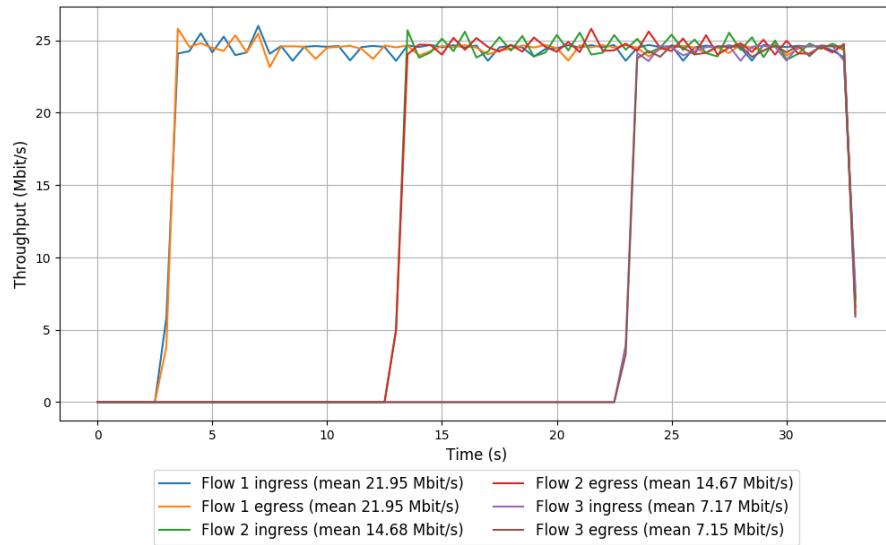


Run 4: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 13:06:55 +0000
End at: Sat, 01 Jul 2017 13:07:25 +0000
Local clock offset: 4.013 ms
Remote clock offset: -21.299 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.71 Mbit/s
95th percentile per-packet one-way delay: 18.596 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 21.95 Mbit/s
95th percentile per-packet one-way delay: 17.539 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 14.67 Mbit/s
95th percentile per-packet one-way delay: 20.009 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 7.15 Mbit/s
95th percentile per-packet one-way delay: 18.238 ms
Loss rate: 0.42%
```

## Run 4: Report of Sprout — Data Link

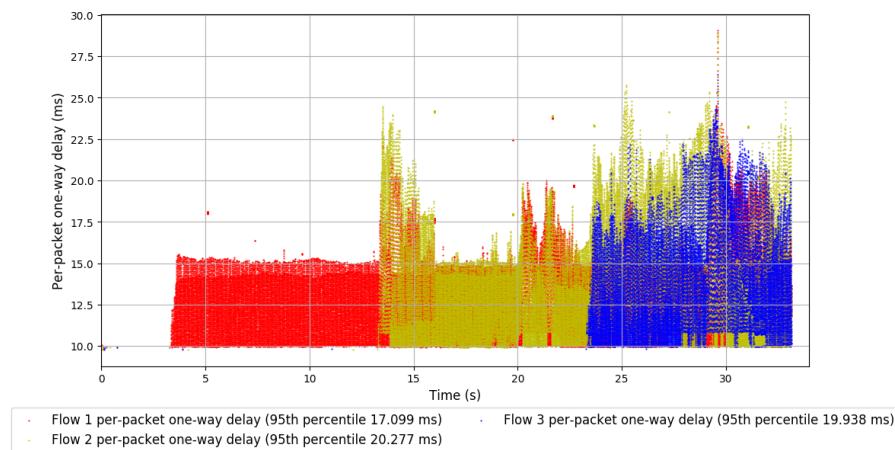
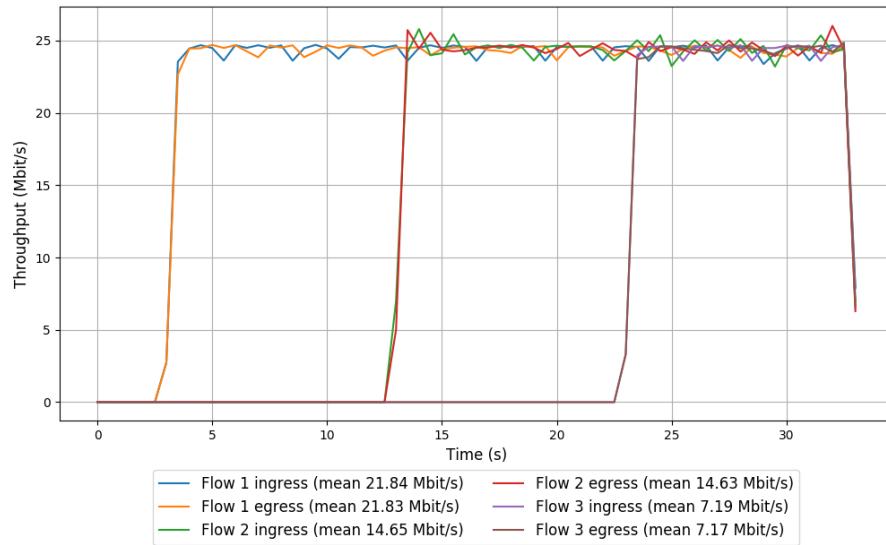


Run 5: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 13:25:02 +0000
End at: Sat, 01 Jul 2017 13:25:32 +0000
Local clock offset: 4.366 ms
Remote clock offset: -19.865 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.58 Mbit/s
95th percentile per-packet one-way delay: 19.084 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 21.83 Mbit/s
95th percentile per-packet one-way delay: 17.099 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 20.277 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 7.17 Mbit/s
95th percentile per-packet one-way delay: 19.938 ms
Loss rate: 0.30%
```

## Run 5: Report of Sprout — Data Link

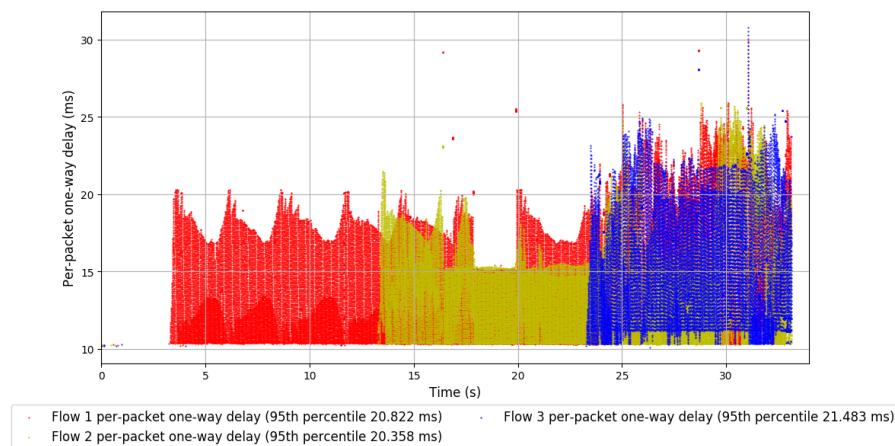
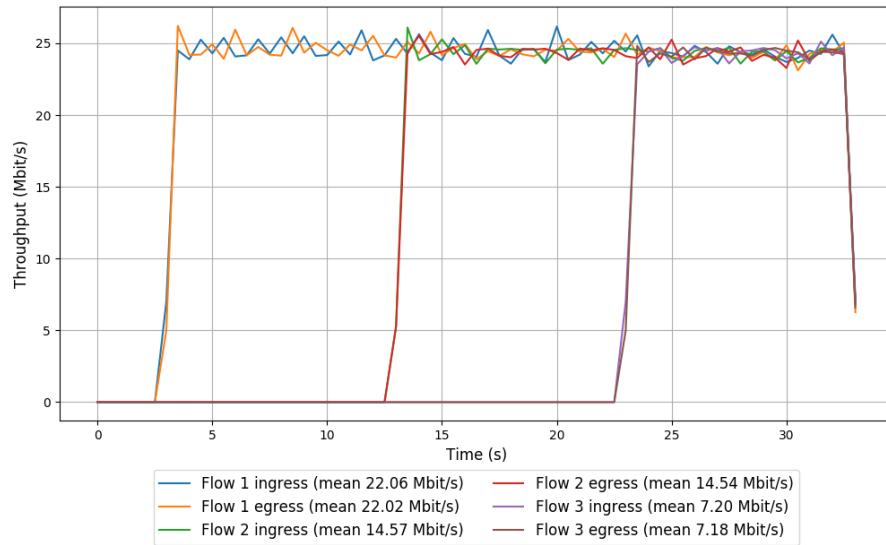


Run 6: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 13:43:07 +0000
End at: Sat, 01 Jul 2017 13:43:37 +0000
Local clock offset: 1.292 ms
Remote clock offset: -18.412 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.68 Mbit/s
95th percentile per-packet one-way delay: 20.914 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 20.822 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 14.54 Mbit/s
95th percentile per-packet one-way delay: 20.358 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 21.483 ms
Loss rate: 0.38%
```

Run 6: Report of Sprout — Data Link

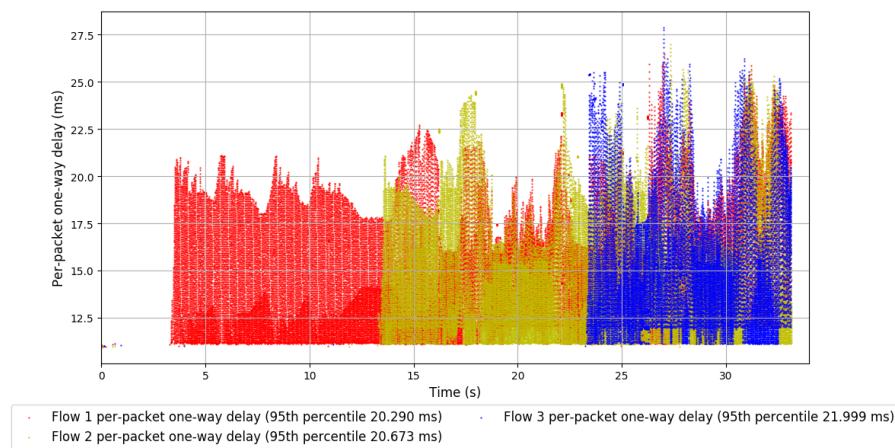
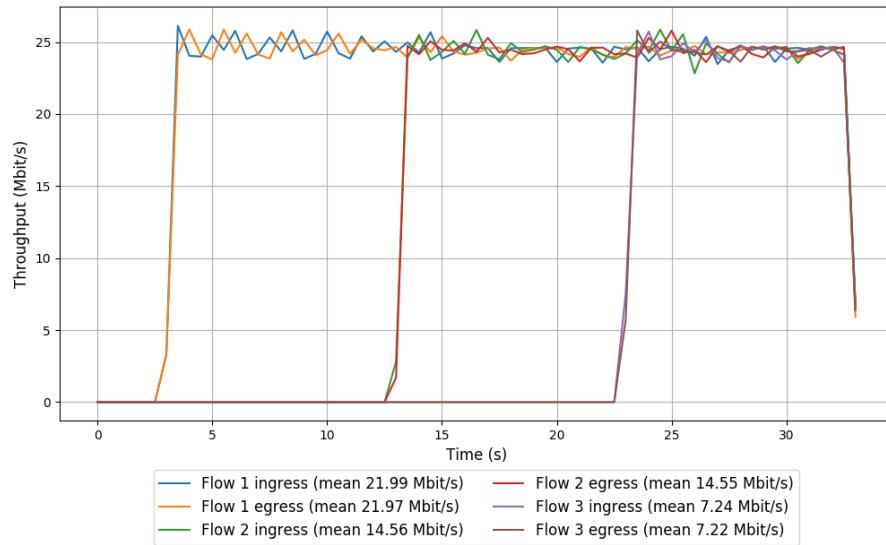


Run 7: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 14:01:27 +0000
End at: Sat, 01 Jul 2017 14:01:57 +0000
Local clock offset: 2.722 ms
Remote clock offset: -18.289 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.69 Mbit/s
95th percentile per-packet one-way delay: 20.729 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 21.97 Mbit/s
95th percentile per-packet one-way delay: 20.290 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 20.673 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 21.999 ms
Loss rate: 0.25%
```

## Run 7: Report of Sprout — Data Link

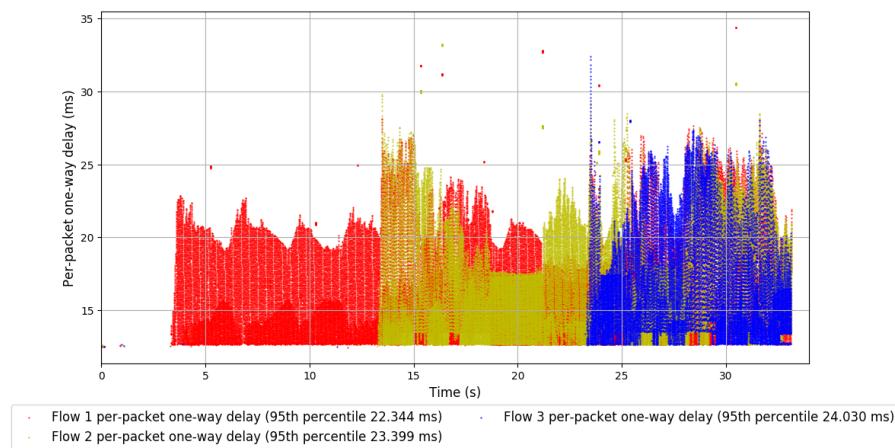
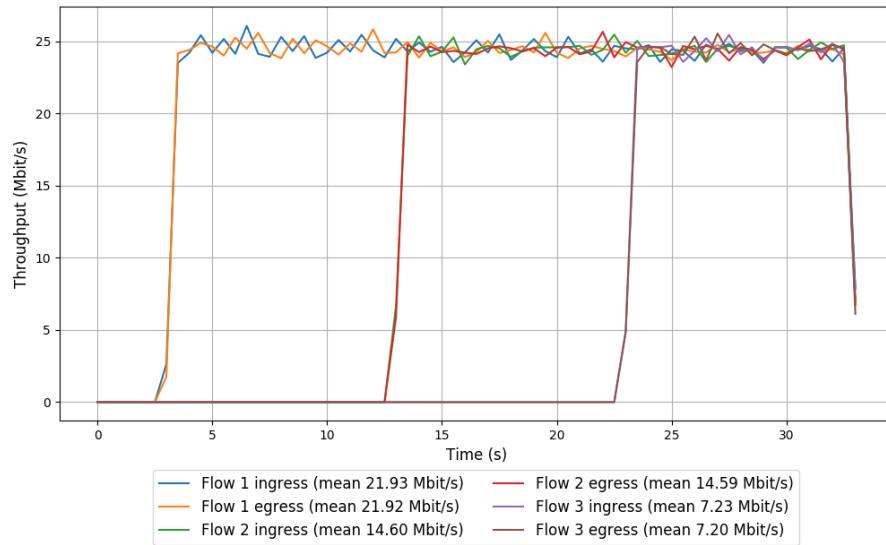


Run 8: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 14:19:27 +0000
End at: Sat, 01 Jul 2017 14:19:57 +0000
Local clock offset: 2.974 ms
Remote clock offset: -17.555 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.66 Mbit/s
95th percentile per-packet one-way delay: 23.131 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 21.92 Mbit/s
95th percentile per-packet one-way delay: 22.344 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 23.399 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 24.030 ms
Loss rate: 0.41%
```

## Run 8: Report of Sprout — Data Link

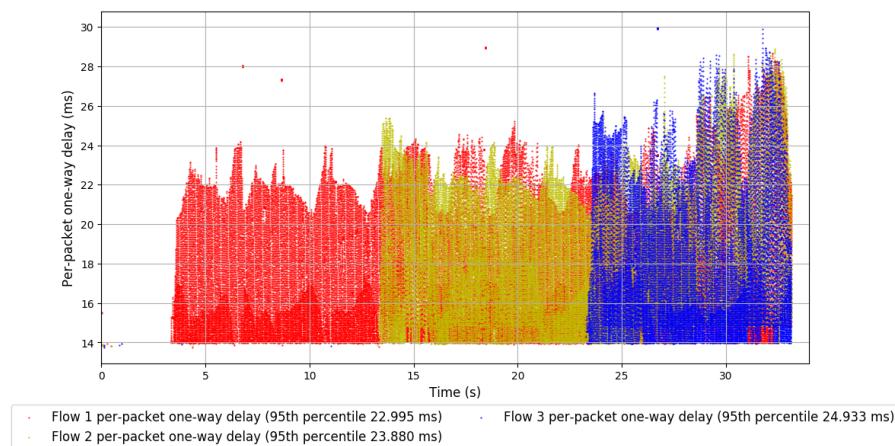
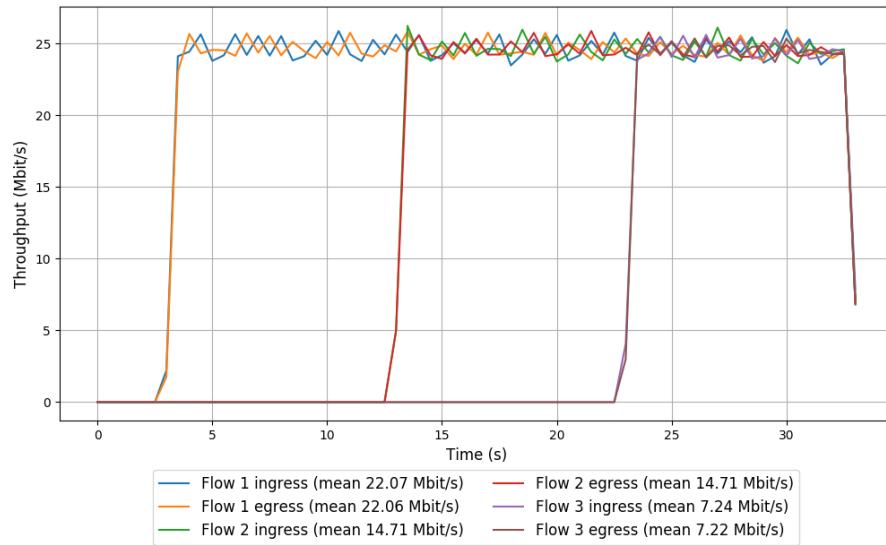


Run 9: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 14:37:47 +0000
End at: Sat, 01 Jul 2017 14:38:17 +0000
Local clock offset: -0.122 ms
Remote clock offset: -17.144 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.94 Mbit/s
95th percentile per-packet one-way delay: 23.688 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 22.06 Mbit/s
95th percentile per-packet one-way delay: 22.995 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 14.71 Mbit/s
95th percentile per-packet one-way delay: 23.880 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 24.933 ms
Loss rate: 0.41%
```

## Run 9: Report of Sprout — Data Link

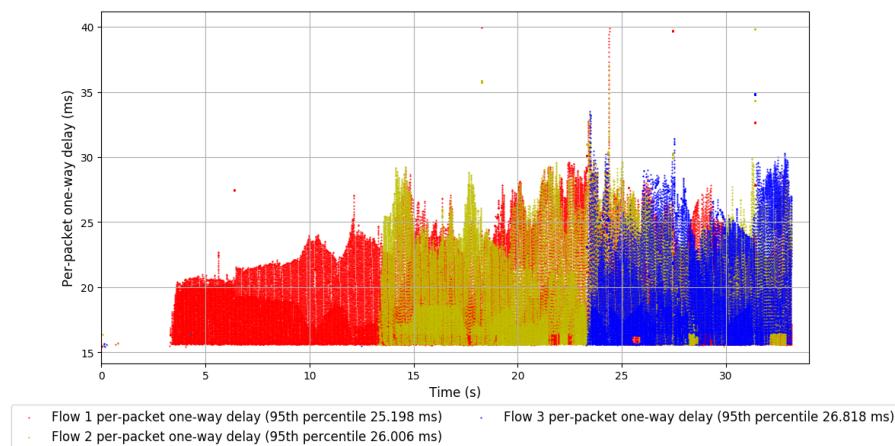
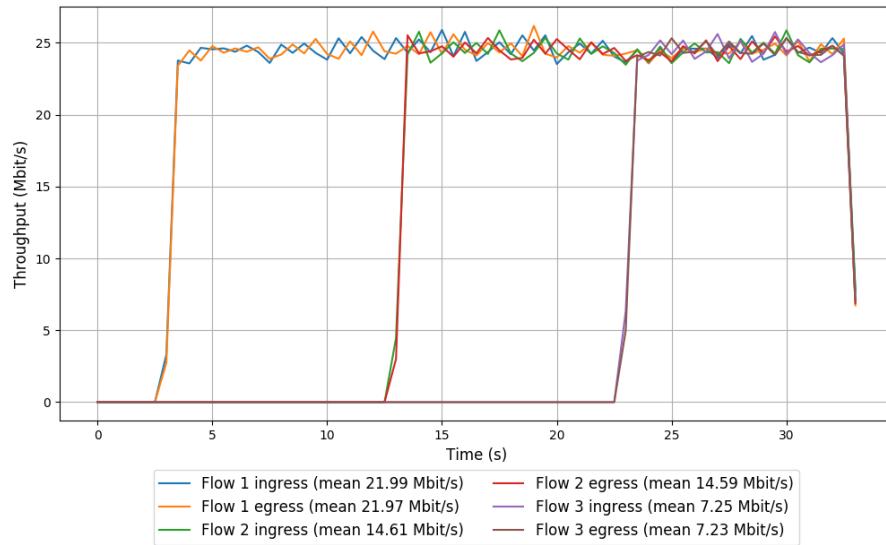


Run 10: Statistics of Sprout

```
Start at: Sat, 01 Jul 2017 14:56:37 +0000
End at: Sat, 01 Jul 2017 14:57:07 +0000
Local clock offset: 1.992 ms
Remote clock offset: -15.51 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:30:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.74 Mbit/s
95th percentile per-packet one-way delay: 25.811 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 21.97 Mbit/s
95th percentile per-packet one-way delay: 25.198 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 26.006 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 26.818 ms
Loss rate: 0.31%
```

Run 10: Report of Sprout — Data Link

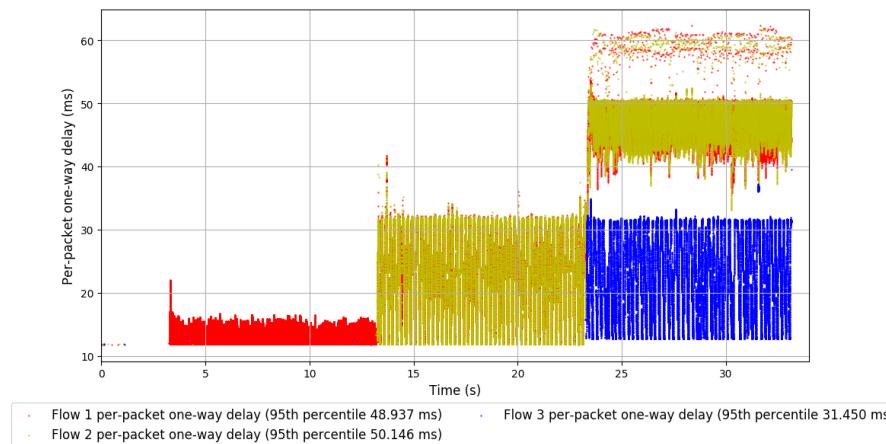
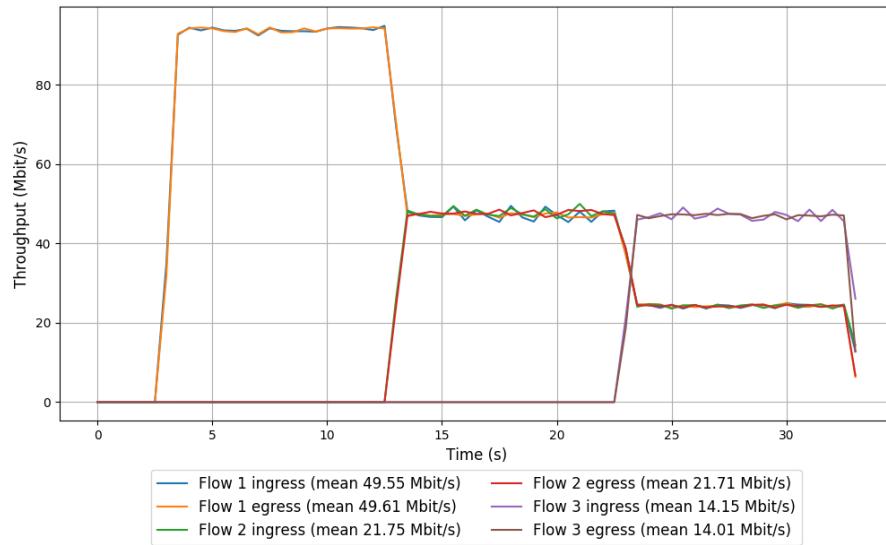


Run 1: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 12:25:02 +0000
End at: Sat, 01 Jul 2017 12:25:32 +0000
Local clock offset: -2.152 ms
Remote clock offset: -14.167 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:31:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.23 Mbit/s
95th percentile per-packet one-way delay: 49.273 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 49.61 Mbit/s
95th percentile per-packet one-way delay: 48.937 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 21.71 Mbit/s
95th percentile per-packet one-way delay: 50.146 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 14.01 Mbit/s
95th percentile per-packet one-way delay: 31.450 ms
Loss rate: 1.58%
```

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

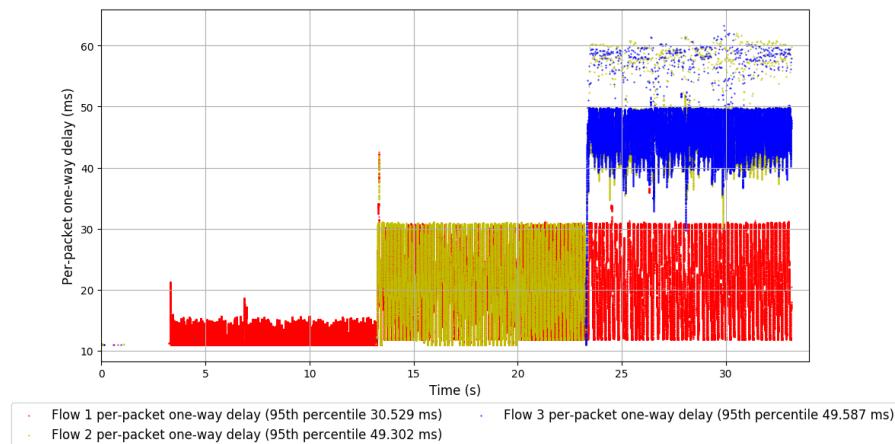
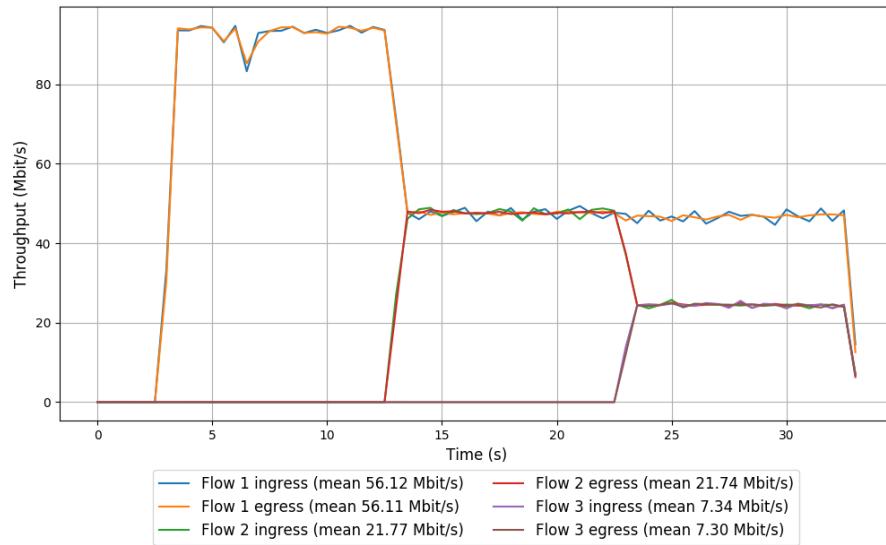


Run 2: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 12:43:25 +0000
End at: Sat, 01 Jul 2017 12:43:55 +0000
Local clock offset: 1.031 ms
Remote clock offset: -21.006 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:31:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 48.158 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.11 Mbit/s
95th percentile per-packet one-way delay: 30.529 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 49.302 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 49.587 ms
Loss rate: 0.59%
```

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

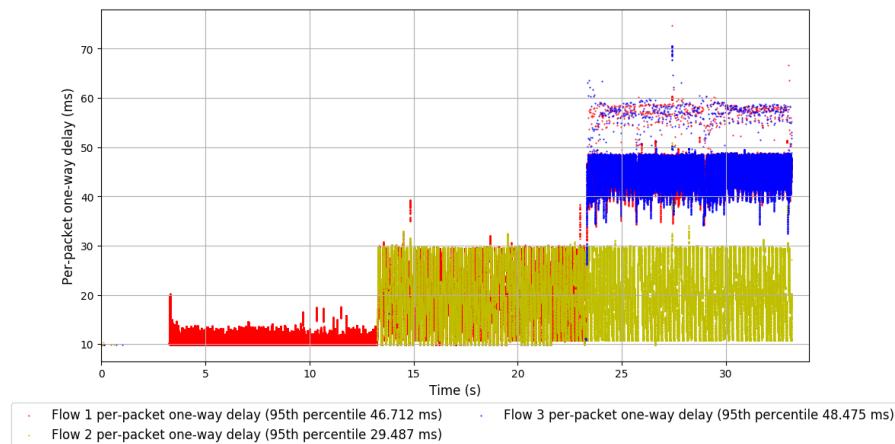
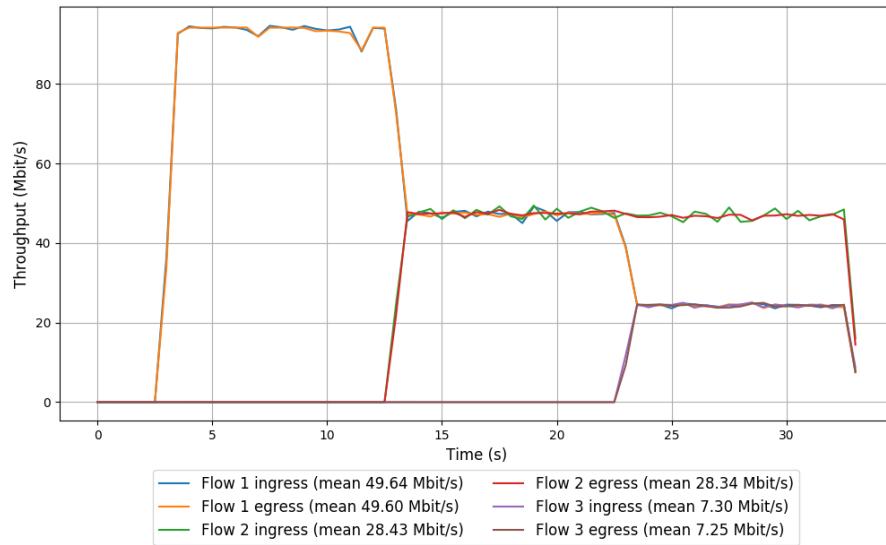


Run 3: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 13:01:53 +0000
End at: Sat, 01 Jul 2017 13:02:23 +0000
Local clock offset: 3.765 ms
Remote clock offset: -21.215 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:31:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.08 Mbit/s
95th percentile per-packet one-way delay: 47.127 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 49.60 Mbit/s
95th percentile per-packet one-way delay: 46.712 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 28.34 Mbit/s
95th percentile per-packet one-way delay: 29.487 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 48.475 ms
Loss rate: 0.79%
```

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

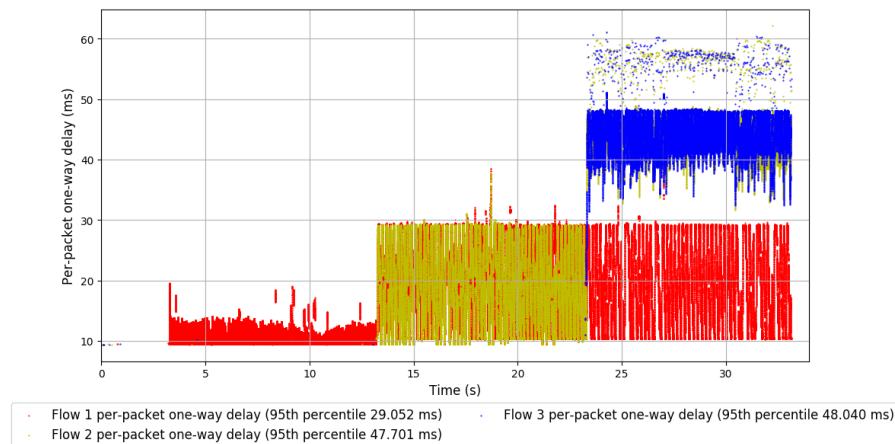
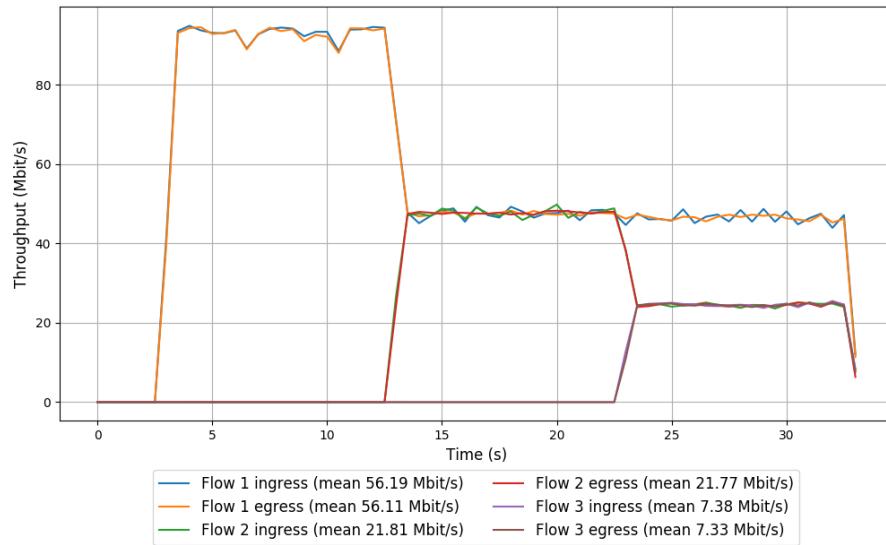


Run 4: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 13:19:54 +0000
End at: Sat, 01 Jul 2017 13:20:24 +0000
Local clock offset: 3.164 ms
Remote clock offset: -21.145 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:31:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.14 Mbit/s
95th percentile per-packet one-way delay: 46.482 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 56.11 Mbit/s
95th percentile per-packet one-way delay: 29.052 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 21.77 Mbit/s
95th percentile per-packet one-way delay: 47.701 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 7.33 Mbit/s
95th percentile per-packet one-way delay: 48.040 ms
Loss rate: 0.69%
```

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

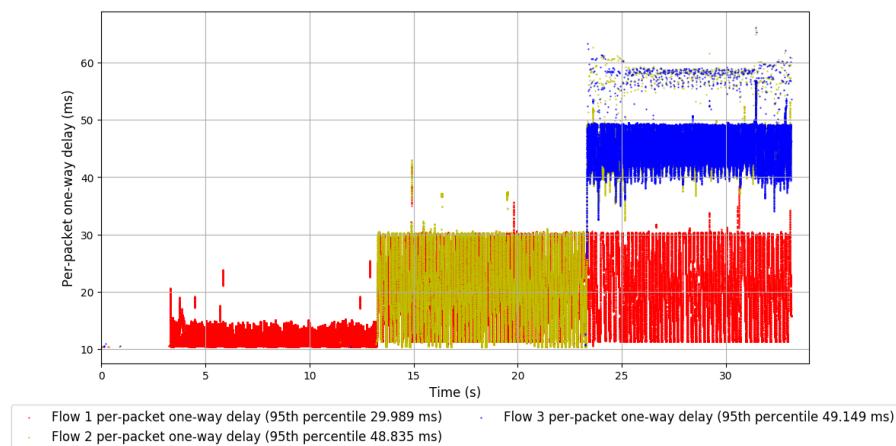
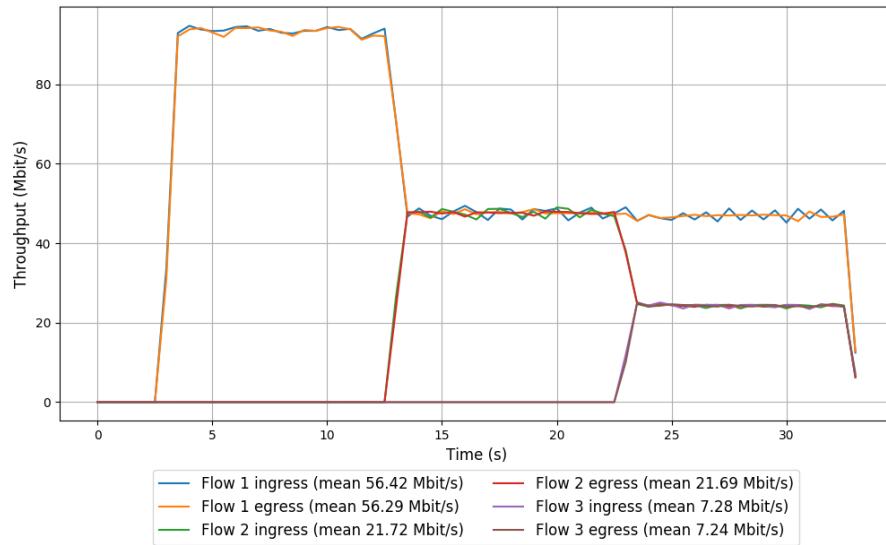


Run 5: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 13:38:00 +0000
End at: Sat, 01 Jul 2017 13:38:30 +0000
Local clock offset: 2.812 ms
Remote clock offset: -19.403 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:31:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.15 Mbit/s
95th percentile per-packet one-way delay: 47.695 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 56.29 Mbit/s
95th percentile per-packet one-way delay: 29.989 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 21.69 Mbit/s
95th percentile per-packet one-way delay: 48.835 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 49.149 ms
Loss rate: 0.60%
```

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

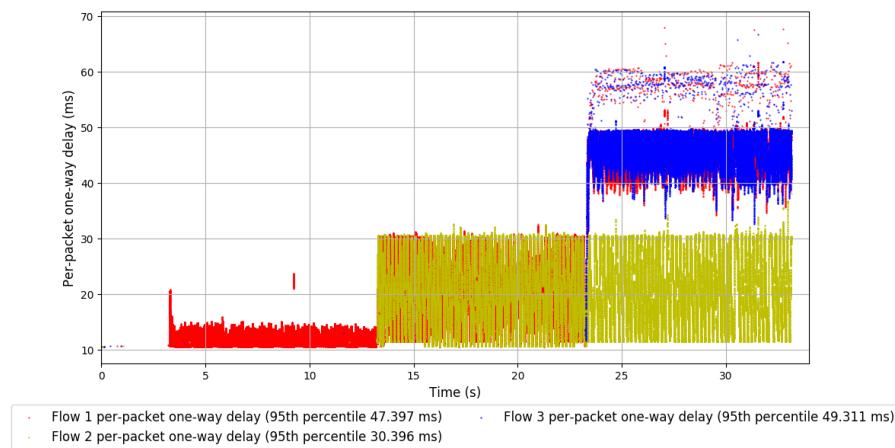
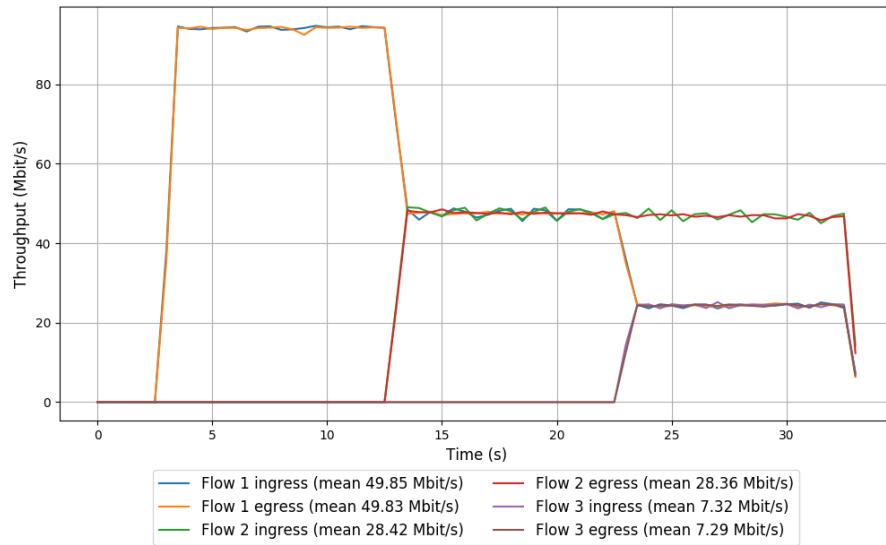


Run 6: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 13:56:11 +0000
End at: Sat, 01 Jul 2017 13:56:41 +0000
Local clock offset: 3.384 ms
Remote clock offset: -19.468 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:31:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.39 Mbit/s
95th percentile per-packet one-way delay: 47.823 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 49.83 Mbit/s
95th percentile per-packet one-way delay: 47.397 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 28.36 Mbit/s
95th percentile per-packet one-way delay: 30.396 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 49.311 ms
Loss rate: 0.63%
```

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

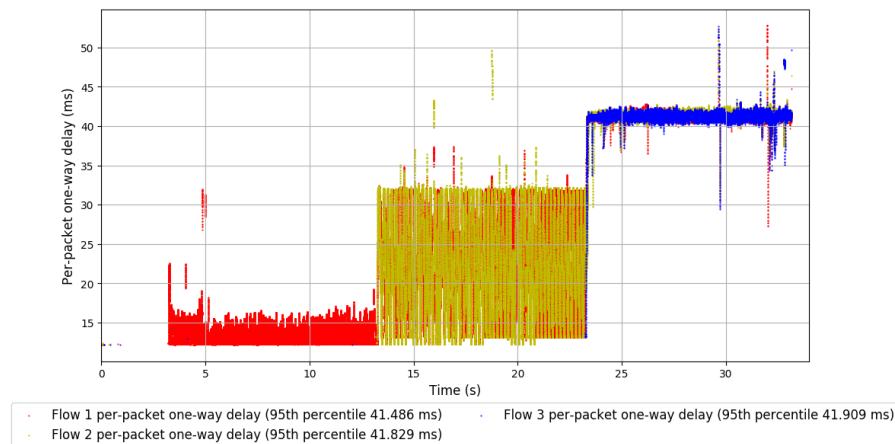
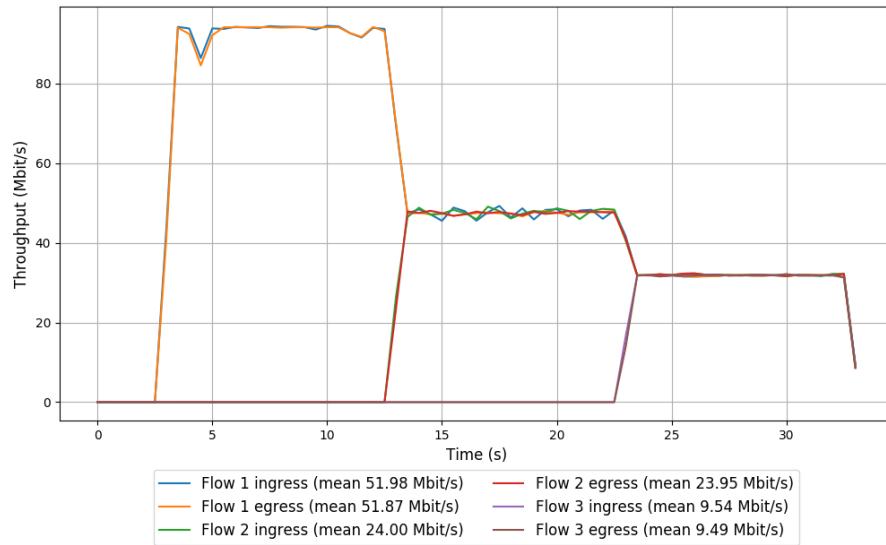


Run 7: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 14:14:21 +0000
End at: Sat, 01 Jul 2017 14:14:51 +0000
Local clock offset: 3.624 ms
Remote clock offset: -18.179 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:32:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.24 Mbit/s
95th percentile per-packet one-way delay: 41.698 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 51.87 Mbit/s
95th percentile per-packet one-way delay: 41.486 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 41.829 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 41.909 ms
Loss rate: 0.54%
```

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

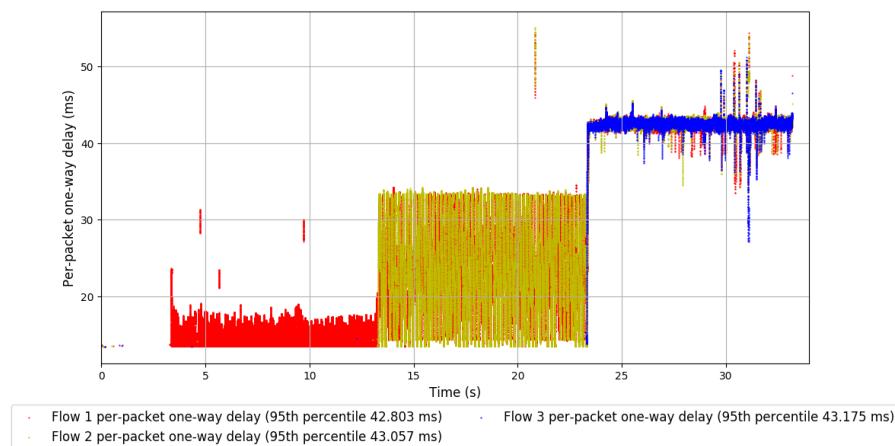
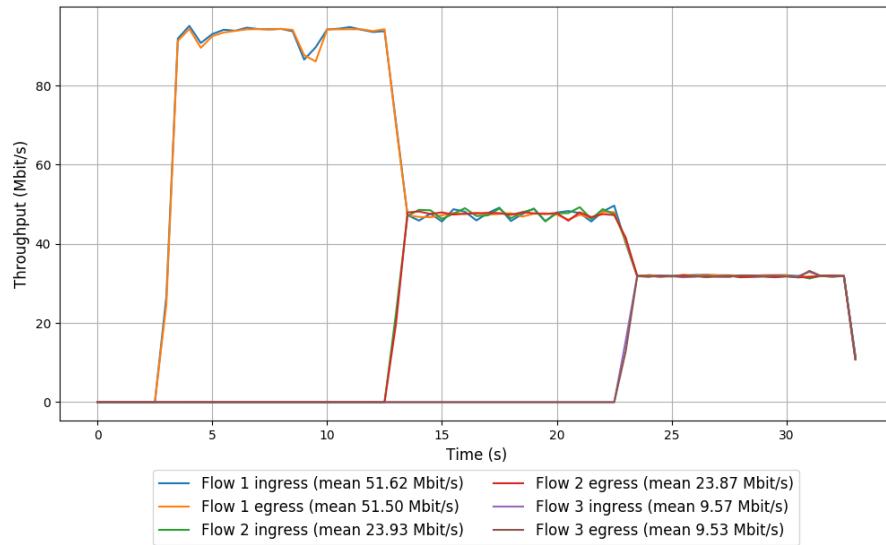


Run 8: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 14:32:33 +0000
End at: Sat, 01 Jul 2017 14:33:03 +0000
Local clock offset: 1.241 ms
Remote clock offset: -17.565 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:32:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.80 Mbit/s
95th percentile per-packet one-way delay: 42.969 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 51.50 Mbit/s
95th percentile per-packet one-way delay: 42.803 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 43.057 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 43.175 ms
Loss rate: 0.54%
```

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

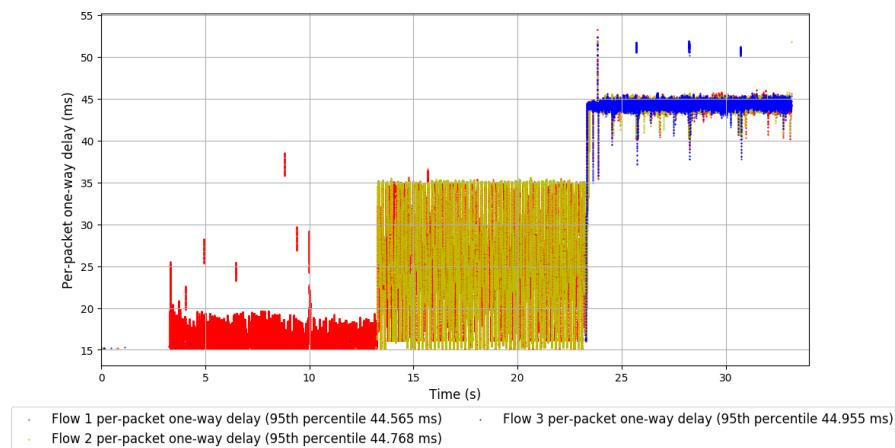
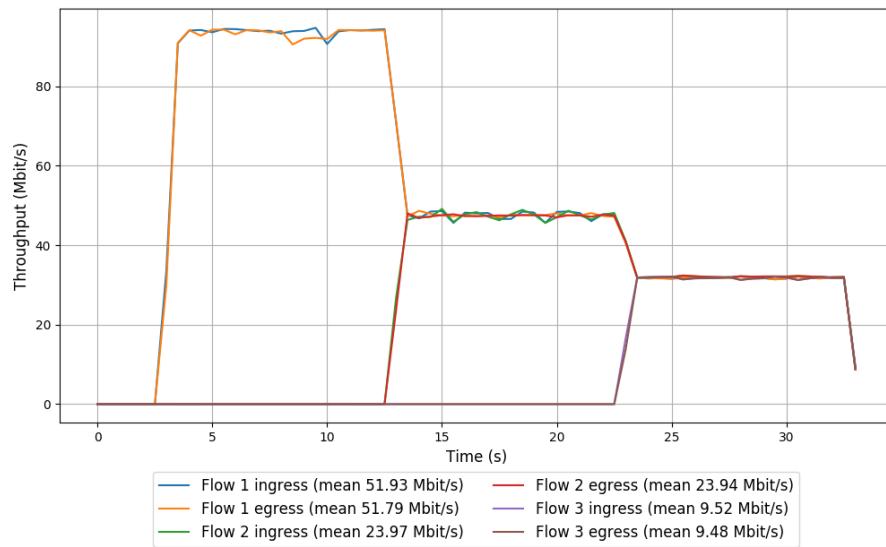


Run 9: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 14:51:15 +0000
End at: Sat, 01 Jul 2017 14:51:45 +0000
Local clock offset: 1.289 ms
Remote clock offset: -18.085 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:32:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.13 Mbit/s
95th percentile per-packet one-way delay: 44.719 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 51.79 Mbit/s
95th percentile per-packet one-way delay: 44.565 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 44.768 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 9.48 Mbit/s
95th percentile per-packet one-way delay: 44.955 ms
Loss rate: 0.54%
```

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

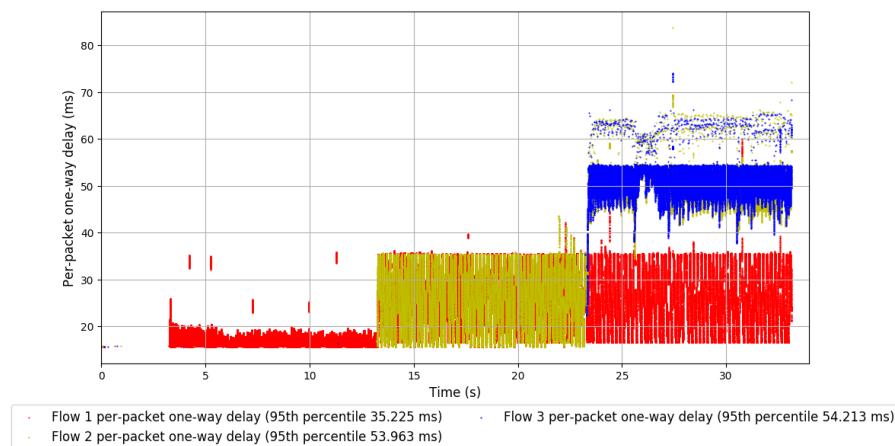
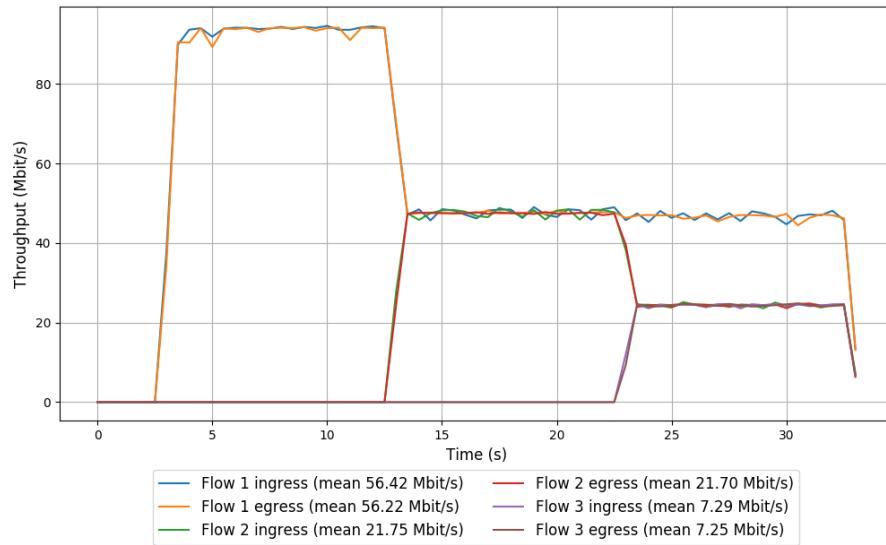


Run 10: Statistics of TaoVA-100x

```
Start at: Sat, 01 Jul 2017 15:09:41 +0000
End at: Sat, 01 Jul 2017 15:10:11 +0000
Local clock offset: 0.943 ms
Remote clock offset: -18.413 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:32:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.10 Mbit/s
95th percentile per-packet one-way delay: 53.074 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 35.225 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 21.70 Mbit/s
95th percentile per-packet one-way delay: 53.963 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 54.213 ms
Loss rate: 0.65%
```

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

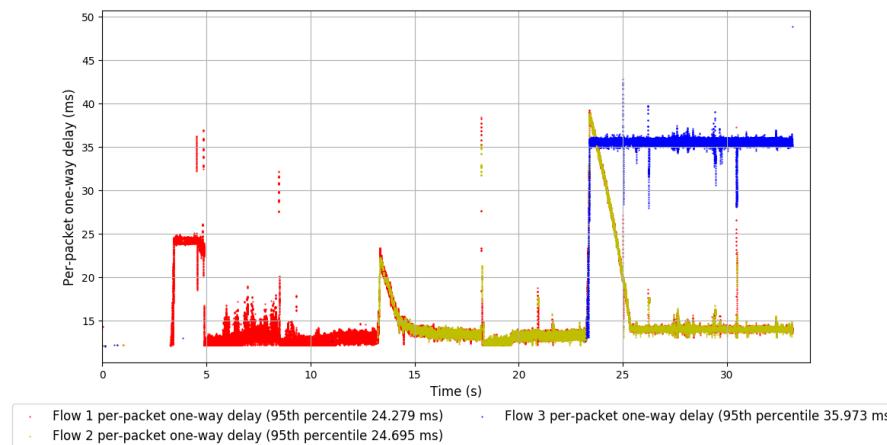
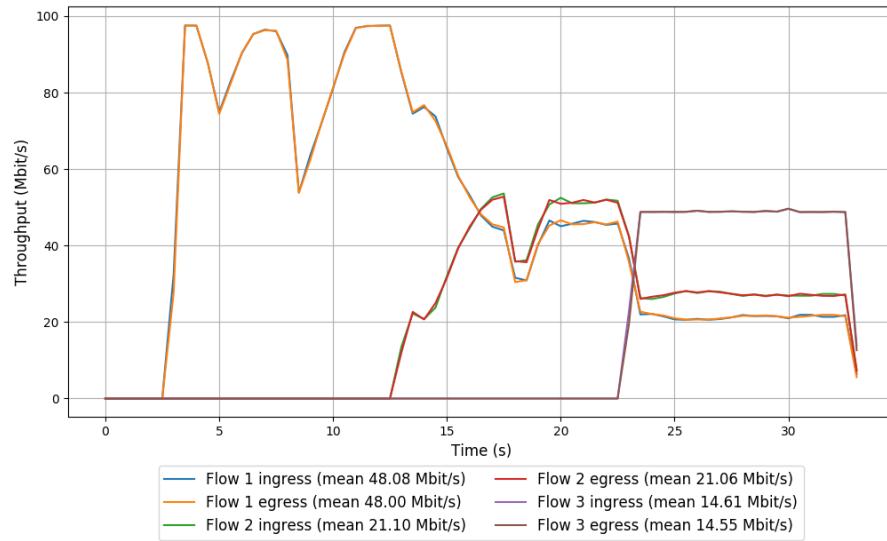


Run 1: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 12:13:09 +0000
End at: Sat, 01 Jul 2017 12:13:39 +0000
Local clock offset: -0.223 ms
Remote clock offset: -17.745 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:32:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.51 Mbit/s
95th percentile per-packet one-way delay: 35.745 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 24.279 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 21.06 Mbit/s
95th percentile per-packet one-way delay: 24.695 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 35.973 ms
Loss rate: 0.49%
```

Run 1: Report of TCP Vegas — Data Link

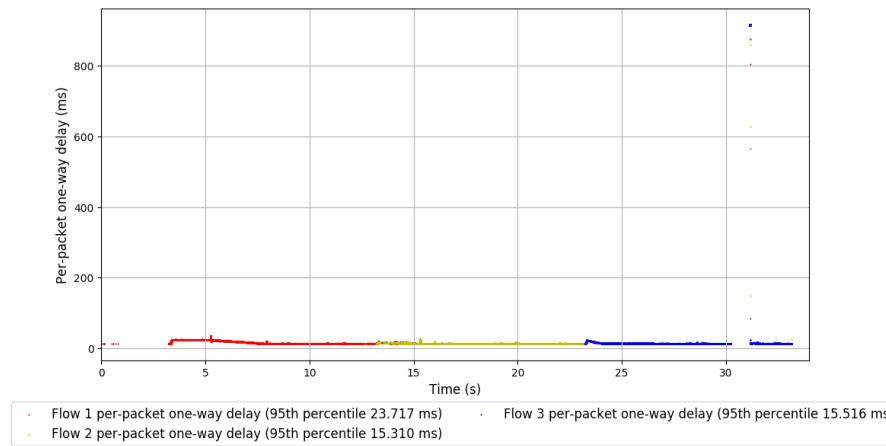
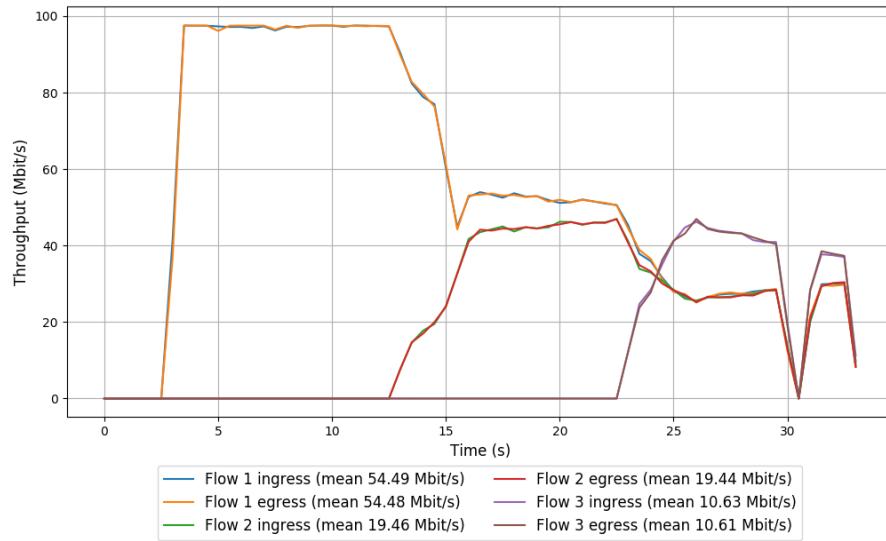


Run 2: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 12:31:28 +0000
End at: Sat, 01 Jul 2017 12:31:58 +0000
Local clock offset: -0.473 ms
Remote clock offset: -20.474 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:32:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 23.627 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.48 Mbit/s
95th percentile per-packet one-way delay: 23.717 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 19.44 Mbit/s
95th percentile per-packet one-way delay: 15.310 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 15.516 ms
Loss rate: 0.28%
```

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

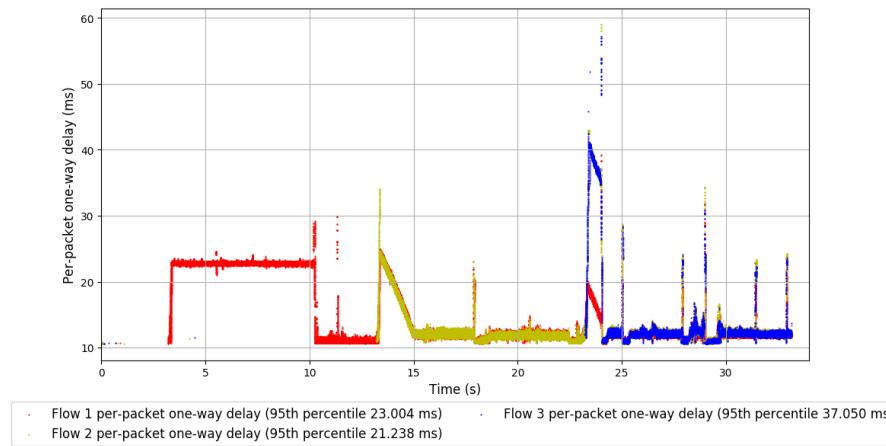
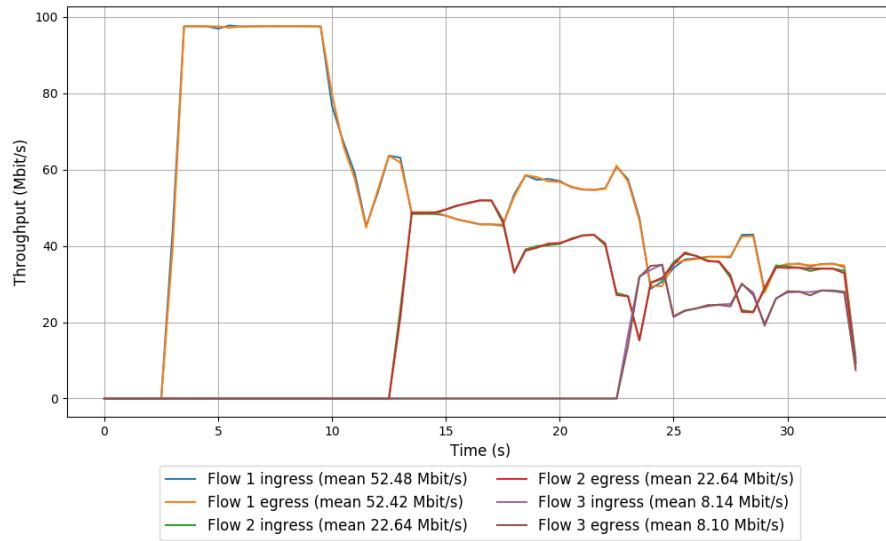


Run 3: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 12:49:53 +0000
End at: Sat, 01 Jul 2017 12:50:23 +0000
Local clock offset: 1.587 ms
Remote clock offset: -19.633 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:32:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.09 Mbit/s
95th percentile per-packet one-way delay: 23.000 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 23.004 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 22.64 Mbit/s
95th percentile per-packet one-way delay: 21.238 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 8.10 Mbit/s
95th percentile per-packet one-way delay: 37.050 ms
Loss rate: 0.56%
```

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

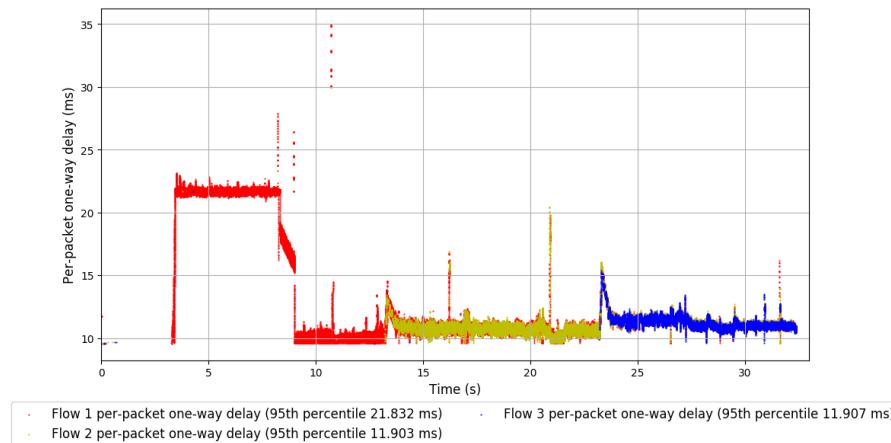
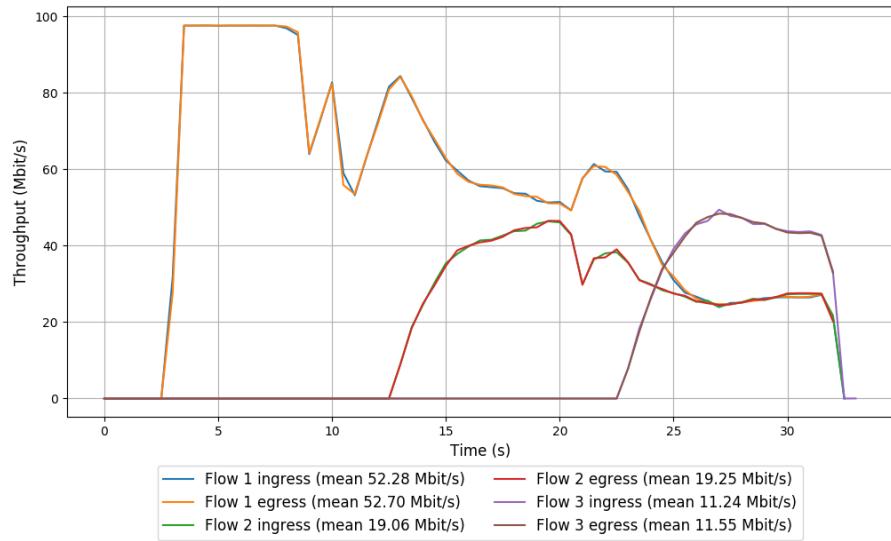


Run 4: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 13:08:03 +0000
End at: Sat, 01 Jul 2017 13:08:33 +0000
Local clock offset: 3.486 ms
Remote clock offset: -19.983 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.42 Mbit/s
95th percentile per-packet one-way delay: 21.796 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 52.70 Mbit/s
95th percentile per-packet one-way delay: 21.832 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 19.25 Mbit/s
95th percentile per-packet one-way delay: 11.903 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 11.55 Mbit/s
95th percentile per-packet one-way delay: 11.907 ms
Loss rate: 0.27%
```

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

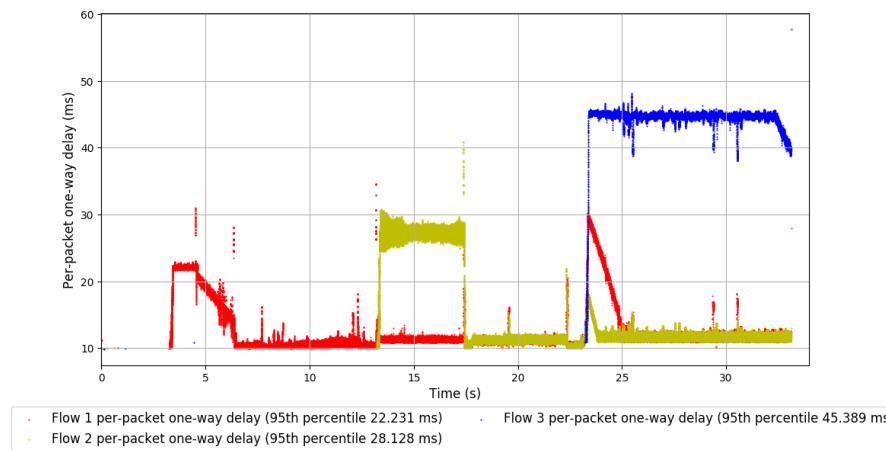
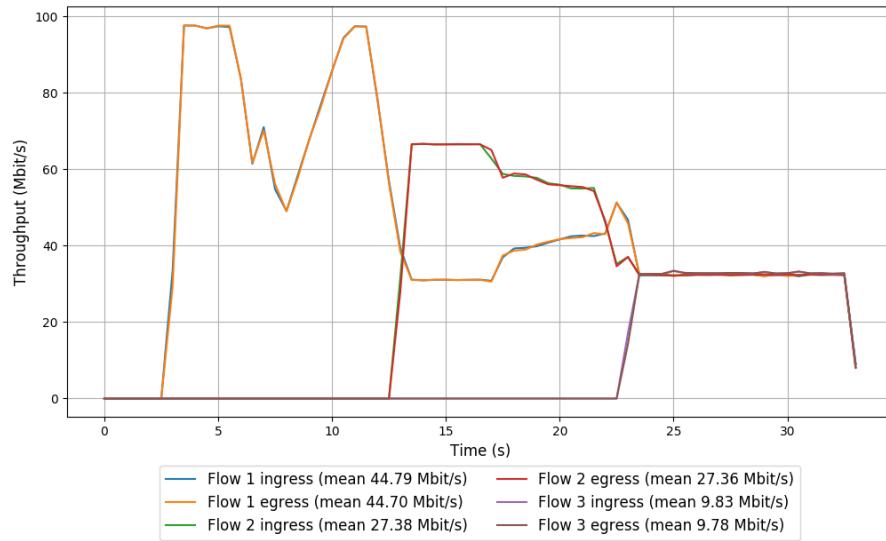


Run 5: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 13:26:10 +0000
End at: Sat, 01 Jul 2017 13:26:40 +0000
Local clock offset: 3.074 ms
Remote clock offset: -19.037 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.74 Mbit/s
95th percentile per-packet one-way delay: 44.897 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 22.231 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 27.36 Mbit/s
95th percentile per-packet one-way delay: 28.128 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 9.78 Mbit/s
95th percentile per-packet one-way delay: 45.389 ms
Loss rate: 0.54%
```

Run 5: Report of TCP Vegas — Data Link

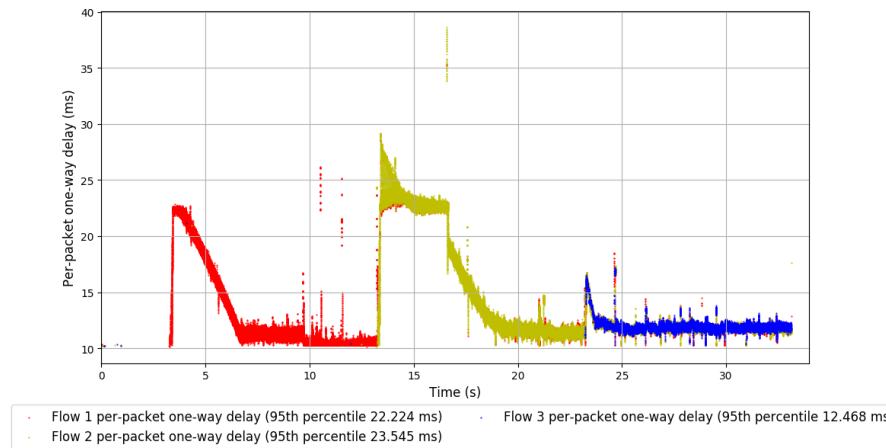
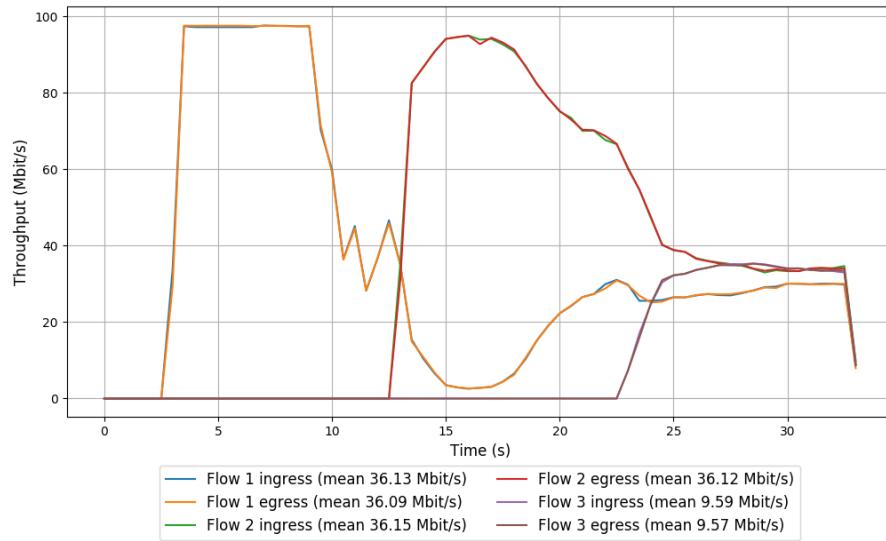


Run 6: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 13:44:16 +0000
End at: Sat, 01 Jul 2017 13:44:46 +0000
Local clock offset: 0.883 ms
Remote clock offset: -19.538 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.68 Mbit/s
95th percentile per-packet one-way delay: 23.118 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 22.224 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 36.12 Mbit/s
95th percentile per-packet one-way delay: 23.545 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 9.57 Mbit/s
95th percentile per-packet one-way delay: 12.468 ms
Loss rate: 0.28%
```

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

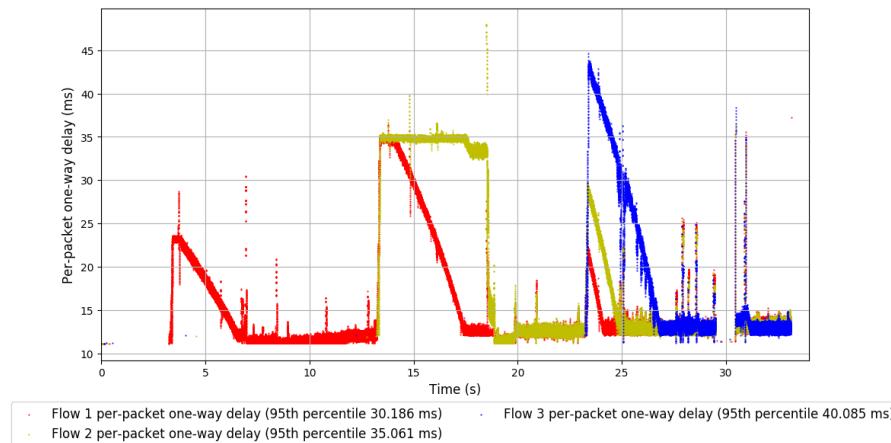
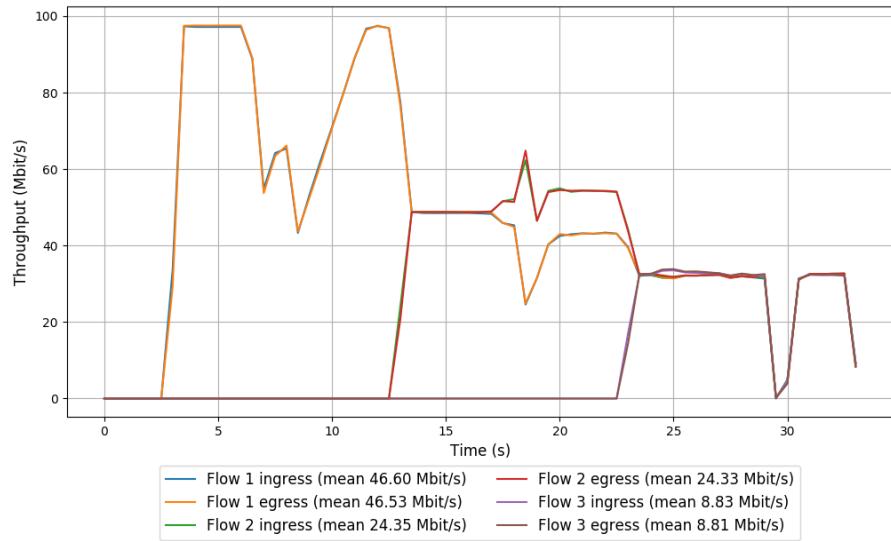


Run 7: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 14:02:35 +0000
End at: Sat, 01 Jul 2017 14:03:05 +0000
Local clock offset: 1.057 ms
Remote clock offset: -17.998 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.58 Mbit/s
95th percentile per-packet one-way delay: 34.950 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 46.53 Mbit/s
95th percentile per-packet one-way delay: 30.186 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 35.061 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 40.085 ms
Loss rate: 0.27%
```

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

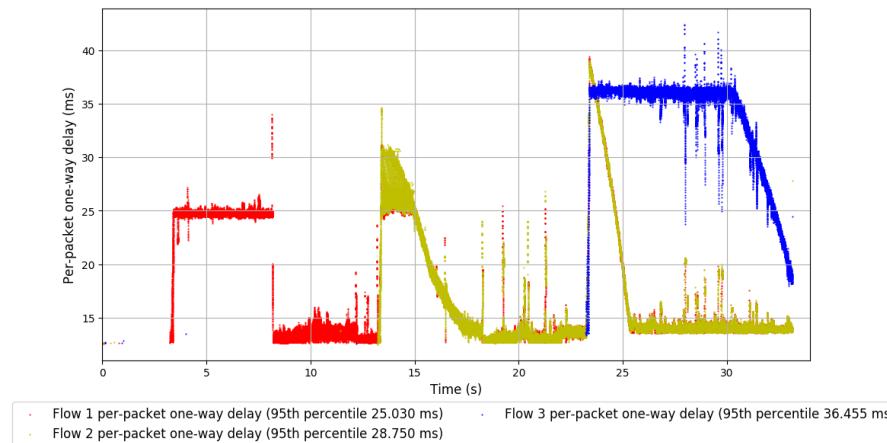
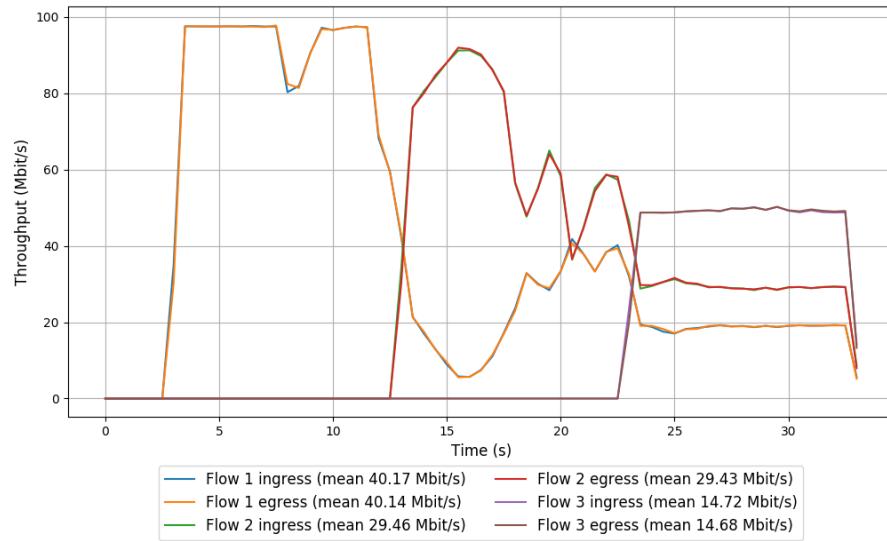


Run 8: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 14:20:35 +0000
End at: Sat, 01 Jul 2017 14:21:05 +0000
Local clock offset: 1.475 ms
Remote clock offset: -17.615 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 36.176 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: 25.030 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 28.750 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 36.455 ms
Loss rate: 0.30%
```

Run 8: Report of TCP Vegas — Data Link

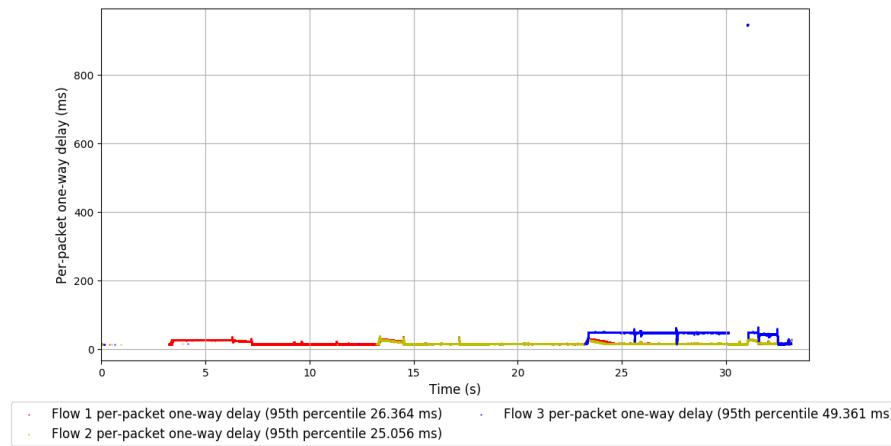
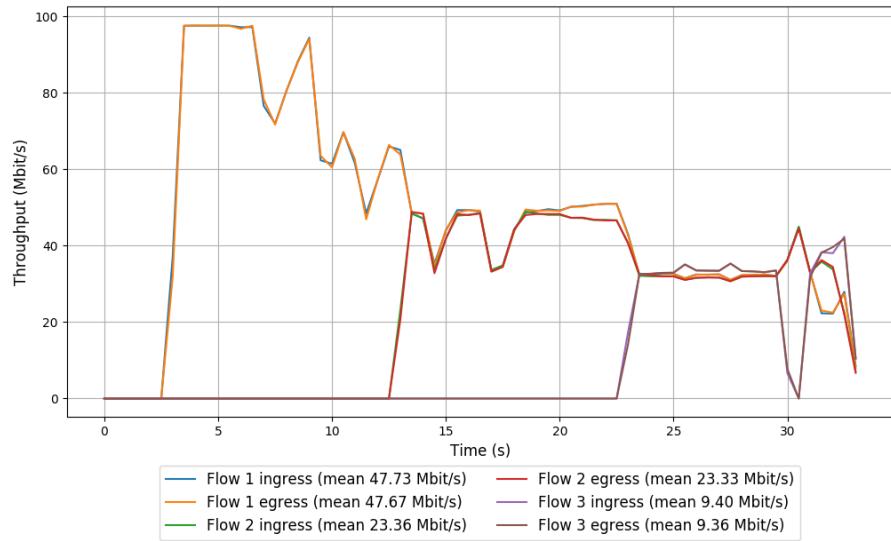


Run 9: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 14:38:56 +0000
End at: Sat, 01 Jul 2017 14:39:26 +0000
Local clock offset: 2.767 ms
Remote clock offset: -18.148 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.29 Mbit/s
95th percentile per-packet one-way delay: 48.404 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 47.67 Mbit/s
95th percentile per-packet one-way delay: 26.364 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 23.33 Mbit/s
95th percentile per-packet one-way delay: 25.056 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 49.361 ms
Loss rate: 0.39%
```

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

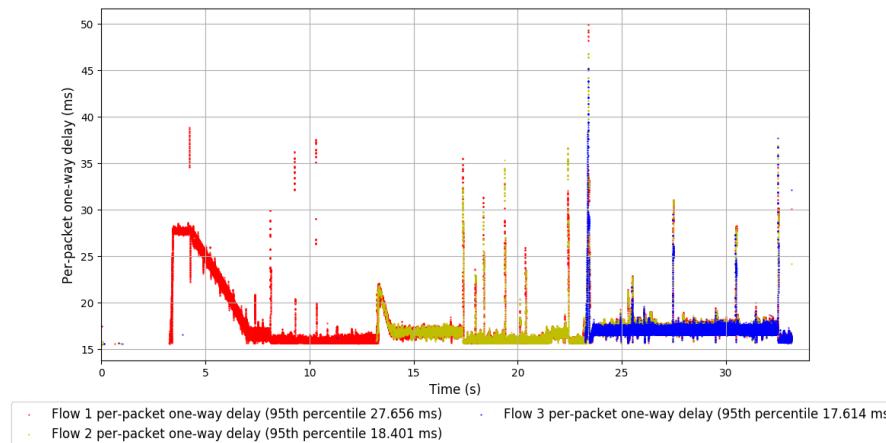
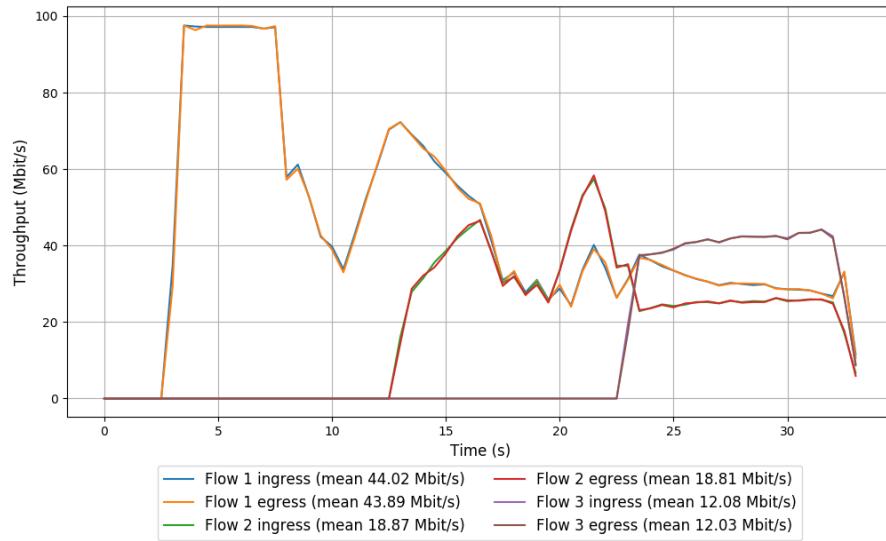


Run 10: Statistics of TCP Vegas

```
Start at: Sat, 01 Jul 2017 14:57:45 +0000
End at: Sat, 01 Jul 2017 14:58:15 +0000
Local clock offset: 2.119 ms
Remote clock offset: -16.624 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.66 Mbit/s
95th percentile per-packet one-way delay: 26.640 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 27.656 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 18.81 Mbit/s
95th percentile per-packet one-way delay: 18.401 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 12.03 Mbit/s
95th percentile per-packet one-way delay: 17.614 ms
Loss rate: 0.39%
```

Run 10: Report of TCP Vegas — Data Link

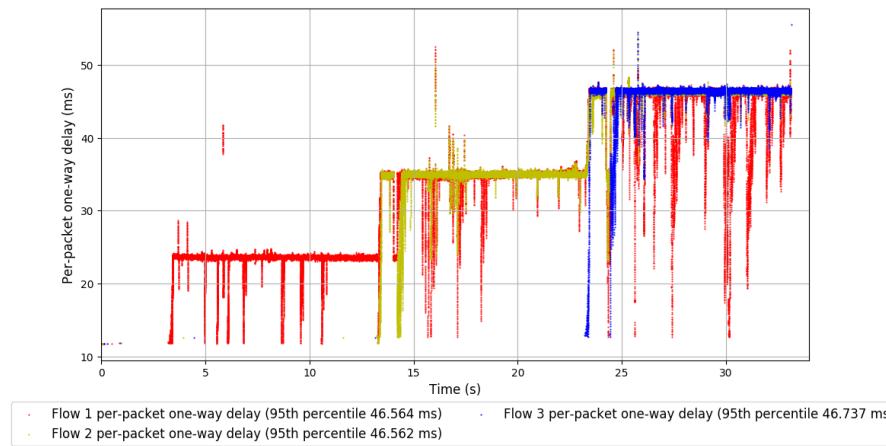
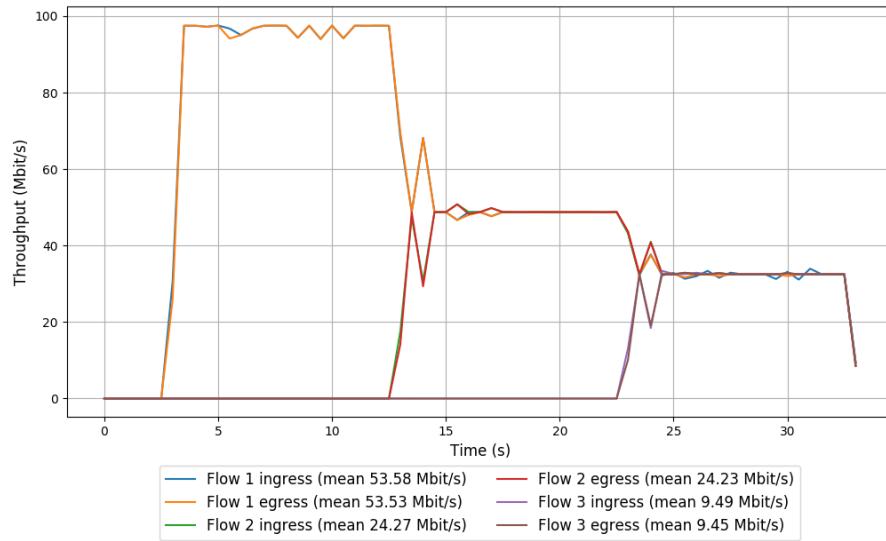


Run 1: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 12:27:47 +0000
End at: Sat, 01 Jul 2017 12:28:17 +0000
Local clock offset: -0.764 ms
Remote clock offset: -19.224 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 46.653 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 53.53 Mbit/s
95th percentile per-packet one-way delay: 46.564 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 46.562 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 46.737 ms
Loss rate: 0.62%
```

## Run 1: Report of Verus — Data Link

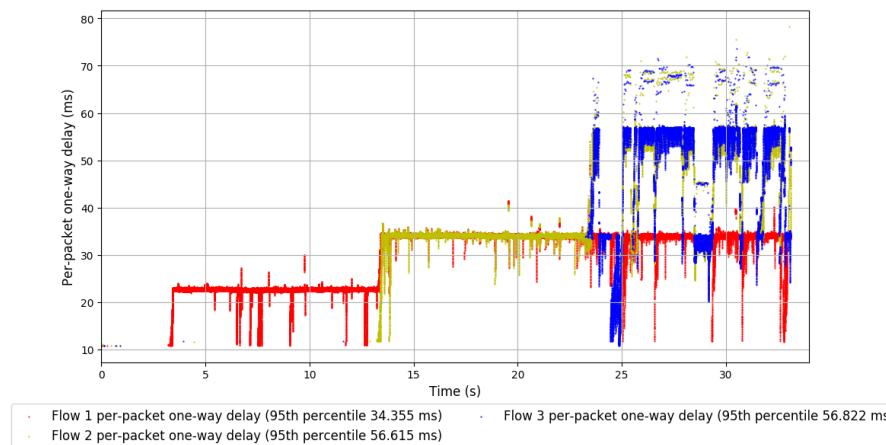
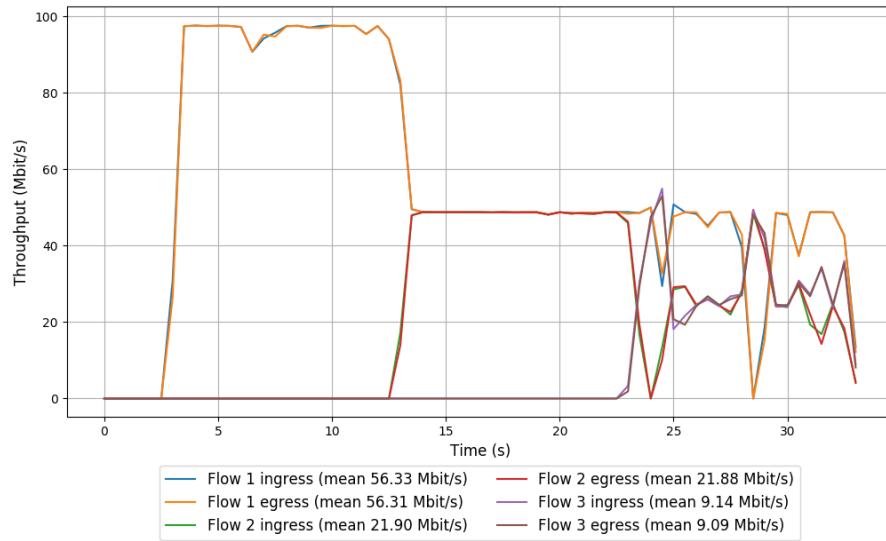


Run 2: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 12:46:04 +0000
End at: Sat, 01 Jul 2017 12:46:34 +0000
Local clock offset: 1.38 ms
Remote clock offset: -20.256 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.20 Mbit/s
95th percentile per-packet one-way delay: 56.254 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.31 Mbit/s
95th percentile per-packet one-way delay: 34.355 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 56.615 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 56.822 ms
Loss rate: 0.63%
```

## Run 2: Report of Verus — Data Link

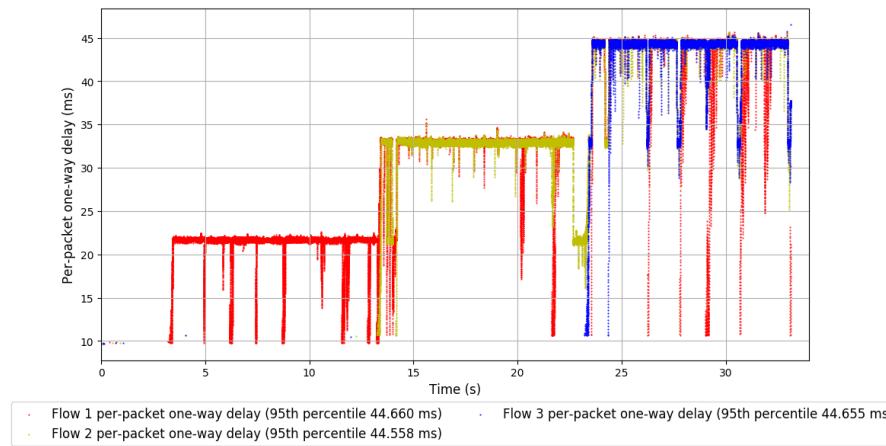
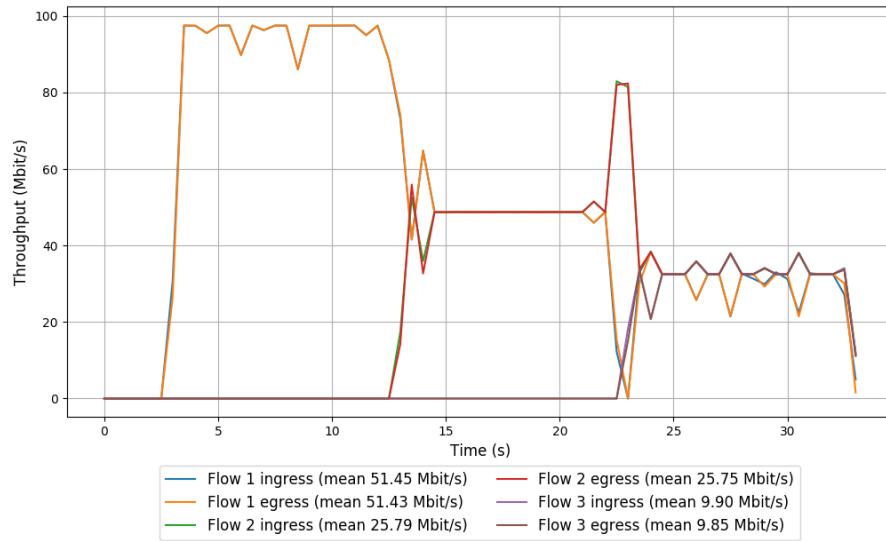


Run 3: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 13:04:26 +0000
End at: Sat, 01 Jul 2017 13:04:56 +0000
Local clock offset: 2.569 ms
Remote clock offset: -20.257 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:33:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.95 Mbit/s
95th percentile per-packet one-way delay: 44.626 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 44.660 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 25.75 Mbit/s
95th percentile per-packet one-way delay: 44.558 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 9.85 Mbit/s
95th percentile per-packet one-way delay: 44.655 ms
Loss rate: 0.59%
```

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

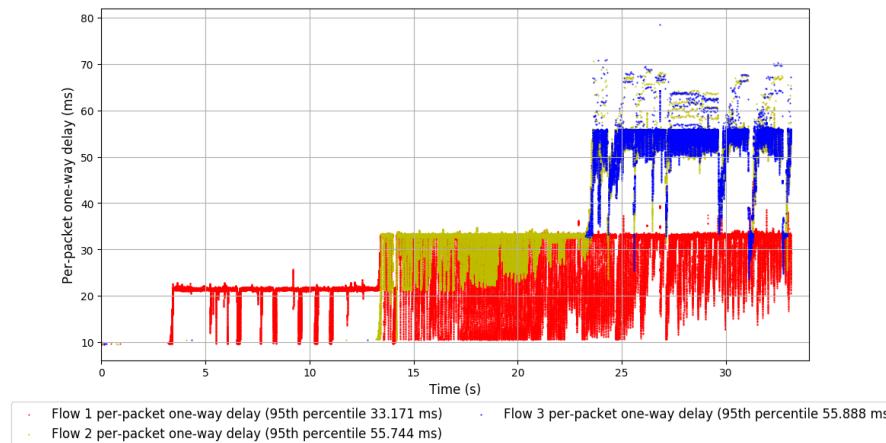
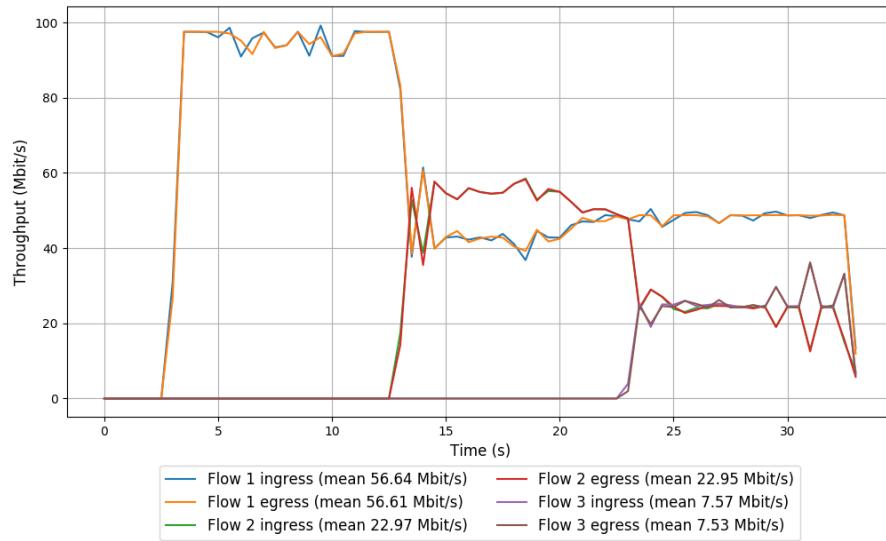


Run 4: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 13:22:33 +0000
End at: Sat, 01 Jul 2017 13:23:03 +0000
Local clock offset: 3.51 ms
Remote clock offset: -20.1 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 55.499 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 33.171 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 22.95 Mbit/s
95th percentile per-packet one-way delay: 55.744 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 55.888 ms
Loss rate: 0.61%
```

## Run 4: Report of Verus — Data Link

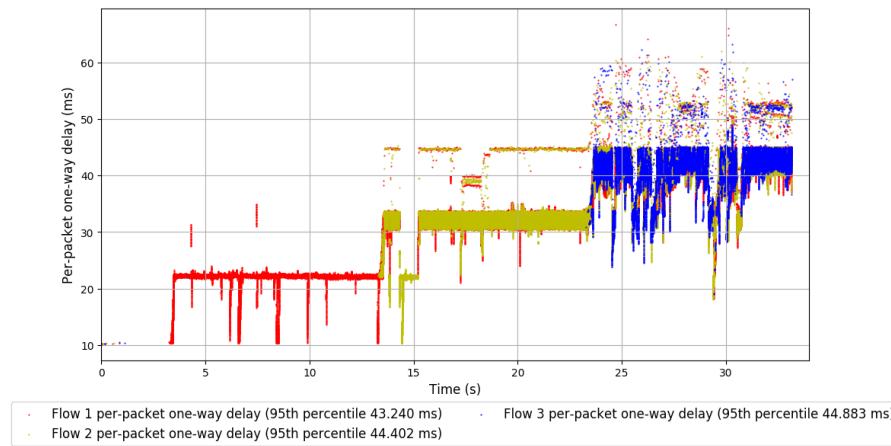
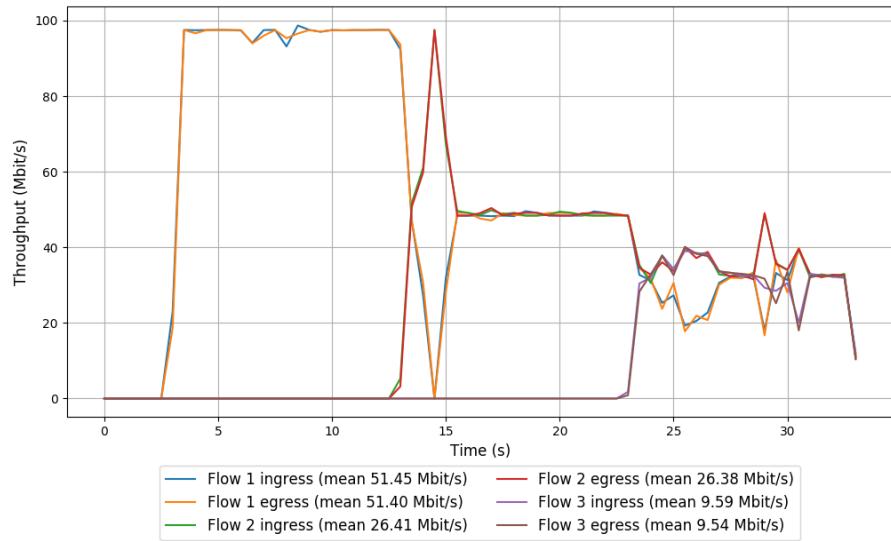


Run 5: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 13:40:37 +0000
End at: Sat, 01 Jul 2017 13:41:07 +0000
Local clock offset: 5.123 ms
Remote clock offset: -18.048 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 44.117 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 51.40 Mbit/s
95th percentile per-packet one-way delay: 43.240 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 26.38 Mbit/s
95th percentile per-packet one-way delay: 44.402 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 9.54 Mbit/s
95th percentile per-packet one-way delay: 44.883 ms
Loss rate: 0.68%
```

## Run 5: Report of Verus — Data Link

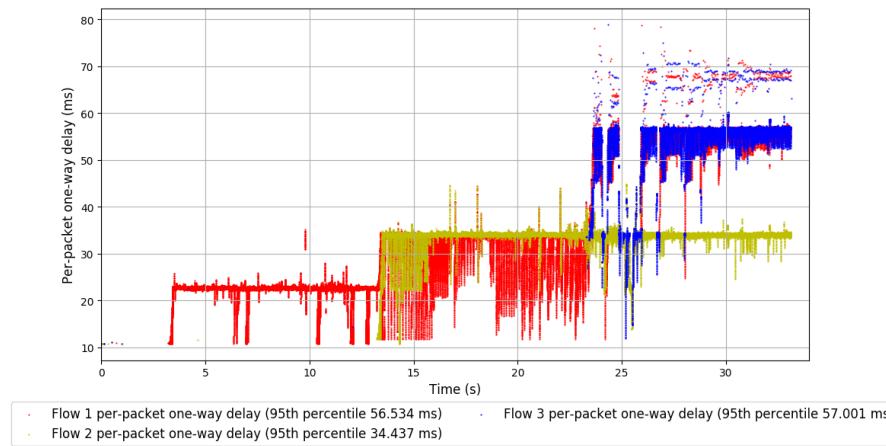
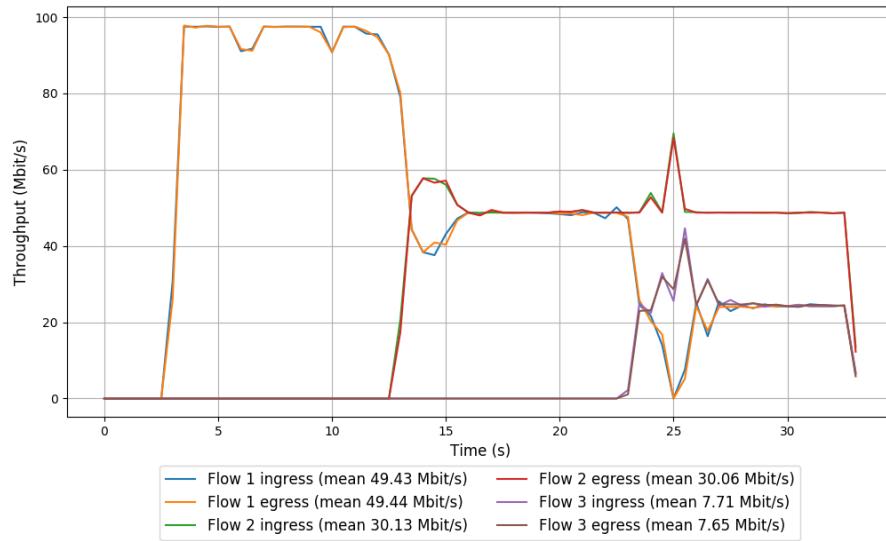


Run 6: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 13:58:53 +0000
End at: Sat, 01 Jul 2017 13:59:23 +0000
Local clock offset: 2.91 ms
Remote clock offset: -17.873 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 56.608 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 49.44 Mbit/s
95th percentile per-packet one-way delay: 56.534 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 30.06 Mbit/s
95th percentile per-packet one-way delay: 34.437 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 7.65 Mbit/s
95th percentile per-packet one-way delay: 57.001 ms
Loss rate: 0.81%
```

## Run 6: Report of Verus — Data Link

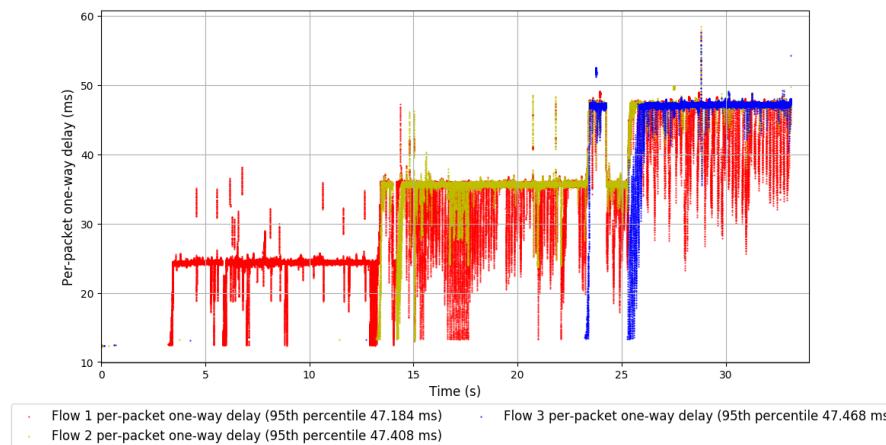
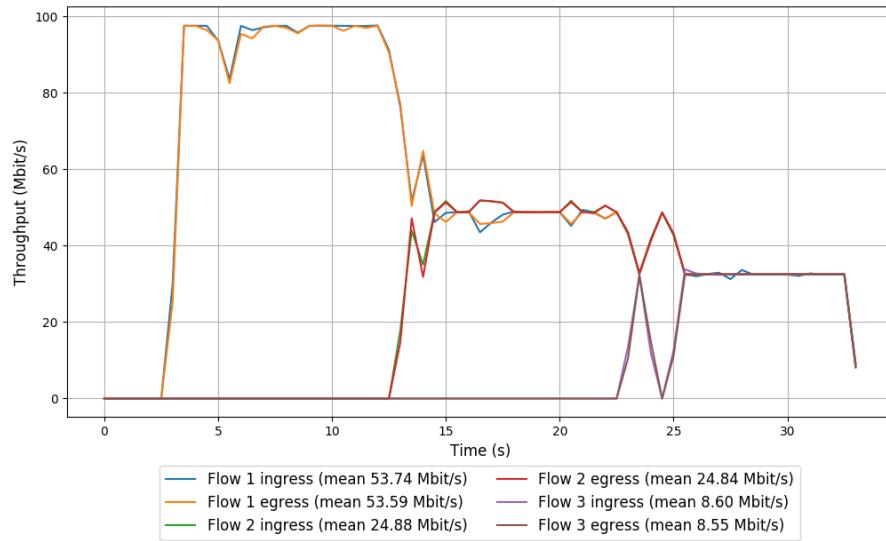


Run 7: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 14:16:57 +0000
End at: Sat, 01 Jul 2017 14:17:27 +0000
Local clock offset: 1.871 ms
Remote clock offset: -18.919 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 47.374 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 53.59 Mbit/s
95th percentile per-packet one-way delay: 47.184 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 47.408 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 8.55 Mbit/s
95th percentile per-packet one-way delay: 47.468 ms
Loss rate: 0.69%
```

## Run 7: Report of Verus — Data Link

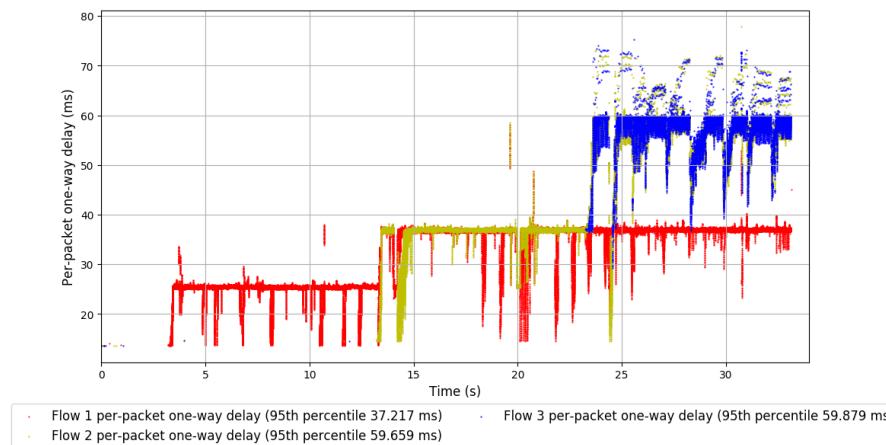
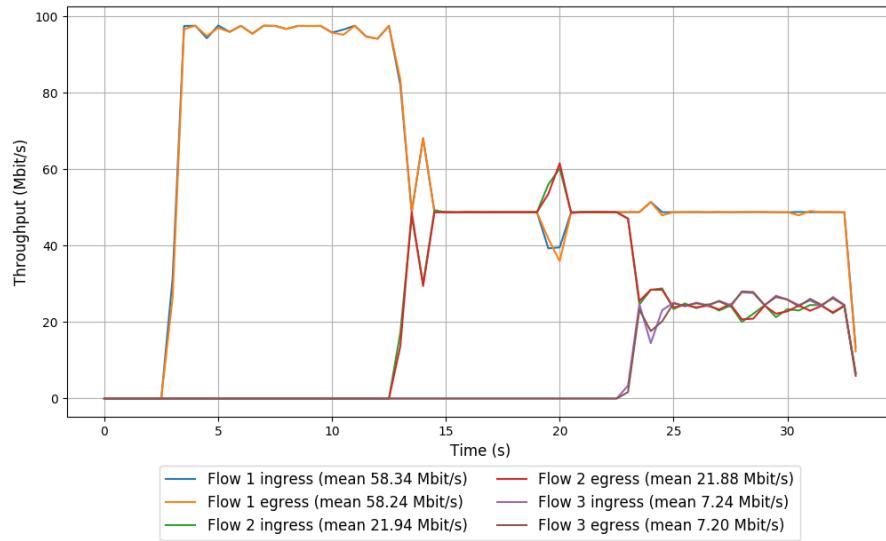


Run 8: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 14:35:13 +0000
End at: Sat, 01 Jul 2017 14:35:43 +0000
Local clock offset: 0.114 ms
Remote clock offset: -17.893 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 59.422 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 37.217 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 59.659 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 59.879 ms
Loss rate: 0.69%
```

## Run 8: Report of Verus — Data Link

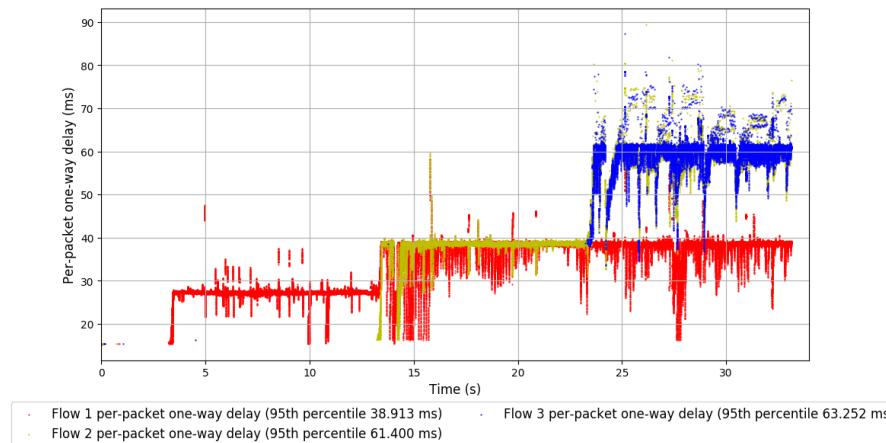
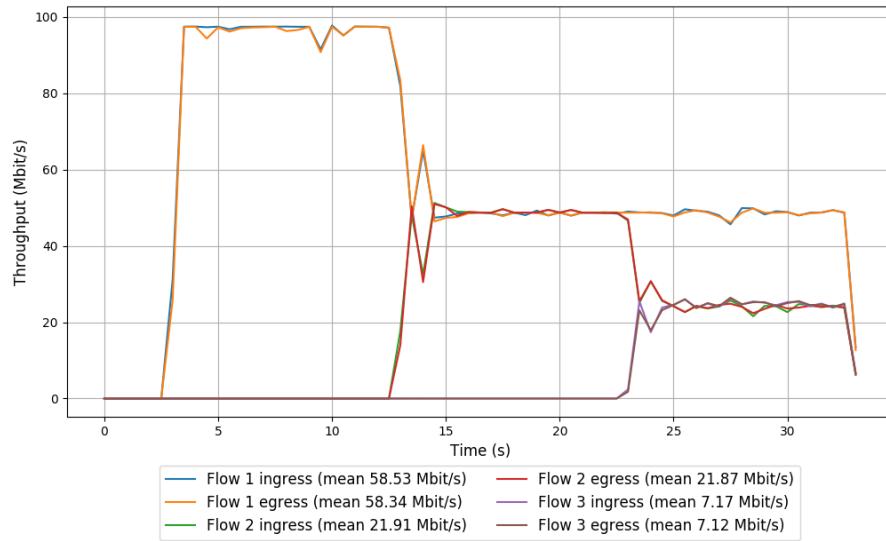


Run 9: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 14:53:57 +0000
End at: Sat, 01 Jul 2017 14:54:27 +0000
Local clock offset: 2.033 ms
Remote clock offset: -17.223 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 61.090 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 58.34 Mbit/s
95th percentile per-packet one-way delay: 38.913 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 21.87 Mbit/s
95th percentile per-packet one-way delay: 61.400 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 7.12 Mbit/s
95th percentile per-packet one-way delay: 63.252 ms
Loss rate: 0.73%
```

## Run 9: Report of Verus — Data Link

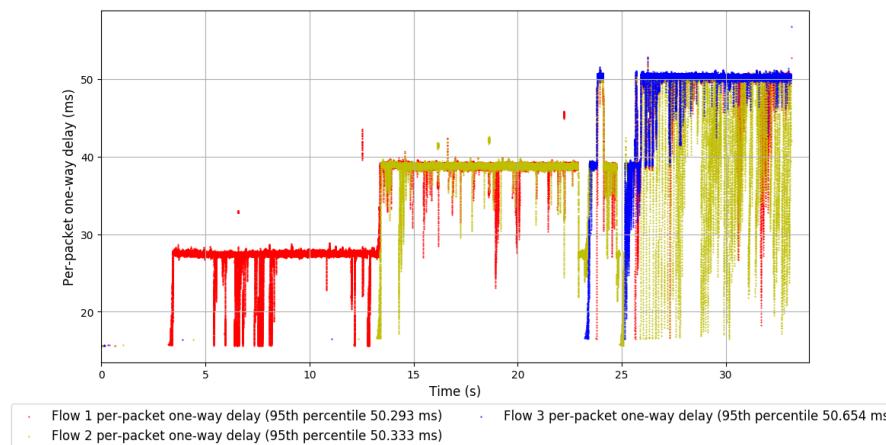
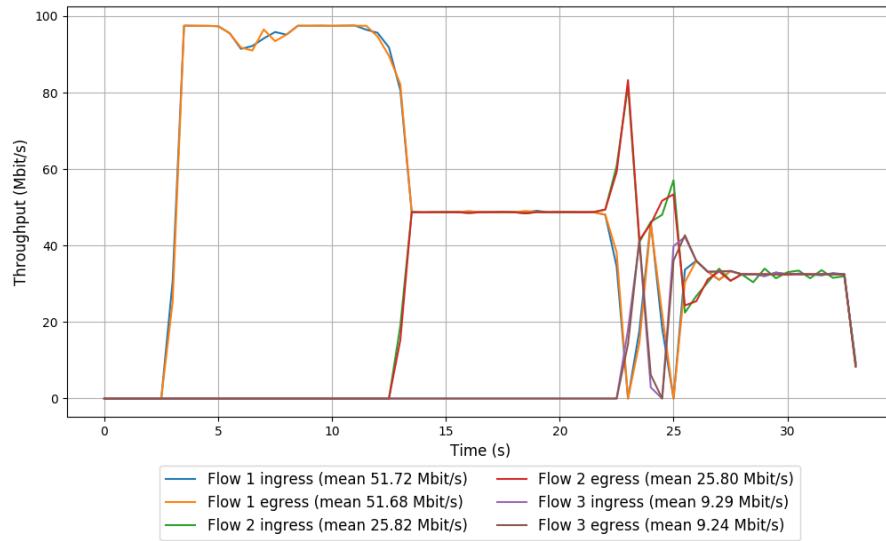


Run 10: Statistics of Verus

```
Start at: Sat, 01 Jul 2017 15:12:17 +0000
End at: Sat, 01 Jul 2017 15:12:47 +0000
Local clock offset: 1.065 ms
Remote clock offset: -16.734 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 50.428 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 51.68 Mbit/s
95th percentile per-packet one-way delay: 50.293 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 50.333 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 50.654 ms
Loss rate: 0.64%
```

Run 10: Report of Verus — Data Link

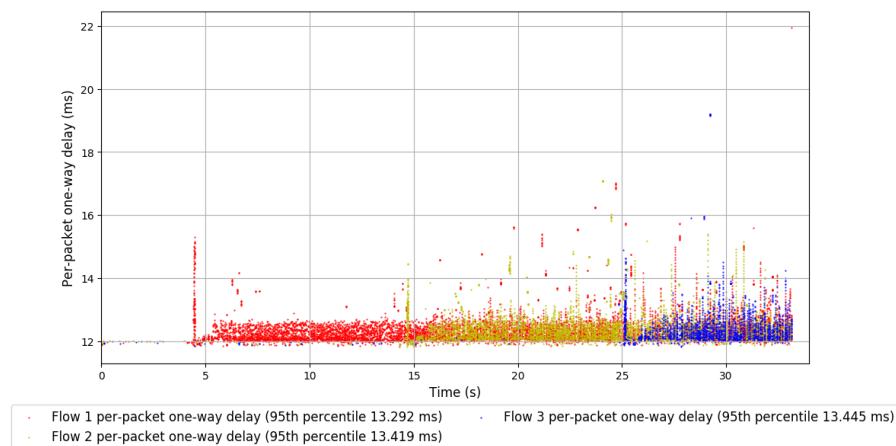
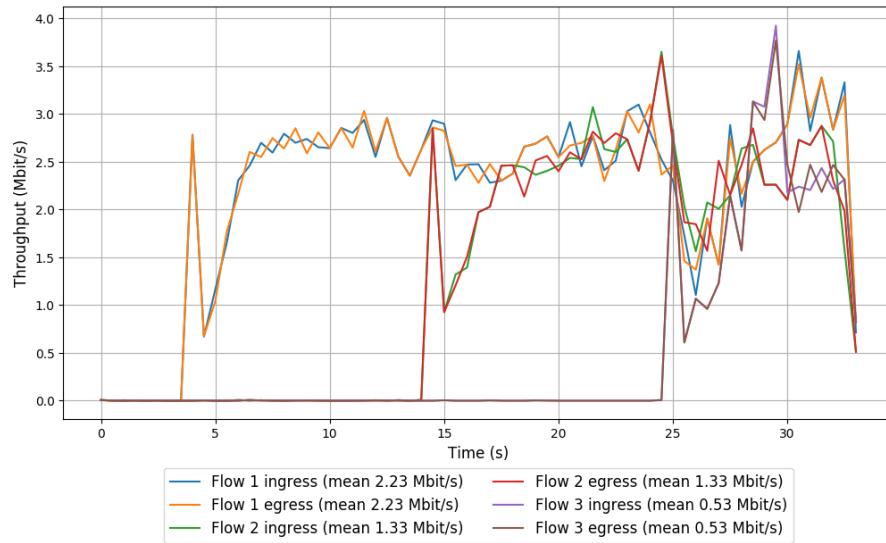


```
Run 1: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 12:18:04 +0000
End at: Sat, 01 Jul 2017 12:18:34 +0000
Local clock offset: 2.975 ms
Remote clock offset: -20.477 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 13.357 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 13.292 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 13.419 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 13.445 ms
Loss rate: 0.01%
```

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

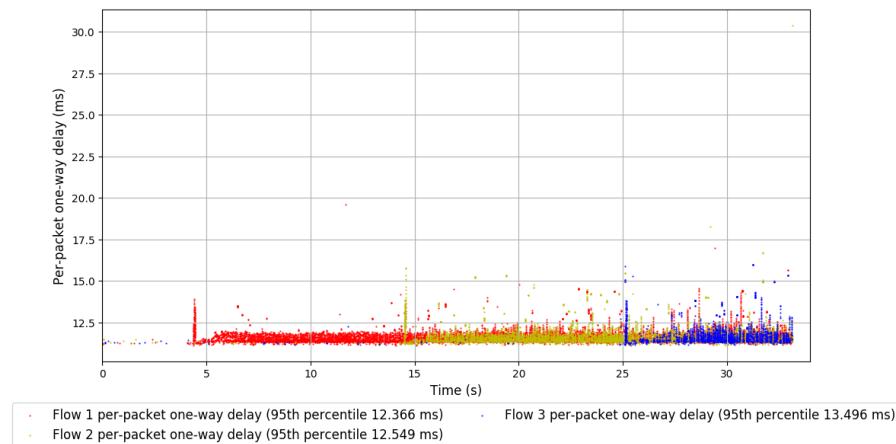
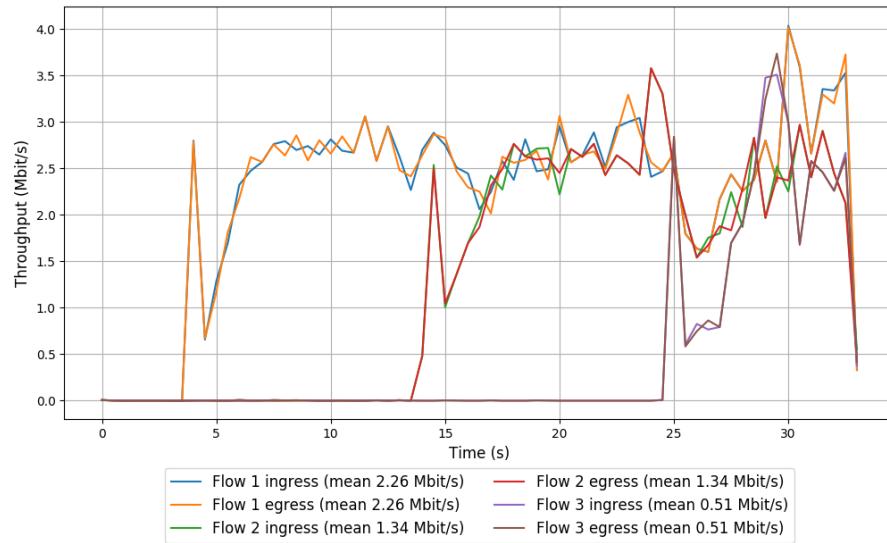


```
Run 2: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 12:36:22 +0000
End at: Sat, 01 Jul 2017 12:36:52 +0000
Local clock offset: 2.735 ms
Remote clock offset: -21.151 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 12.561 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 12.366 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 12.549 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 13.496 ms
Loss rate: 0.06%
```

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

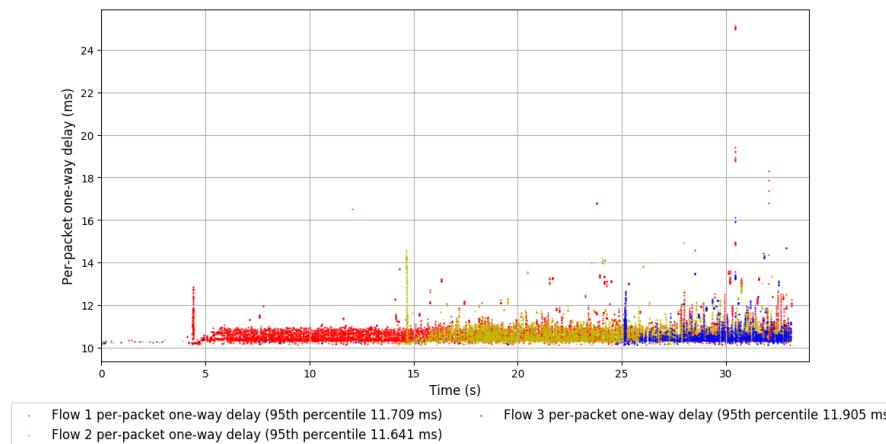
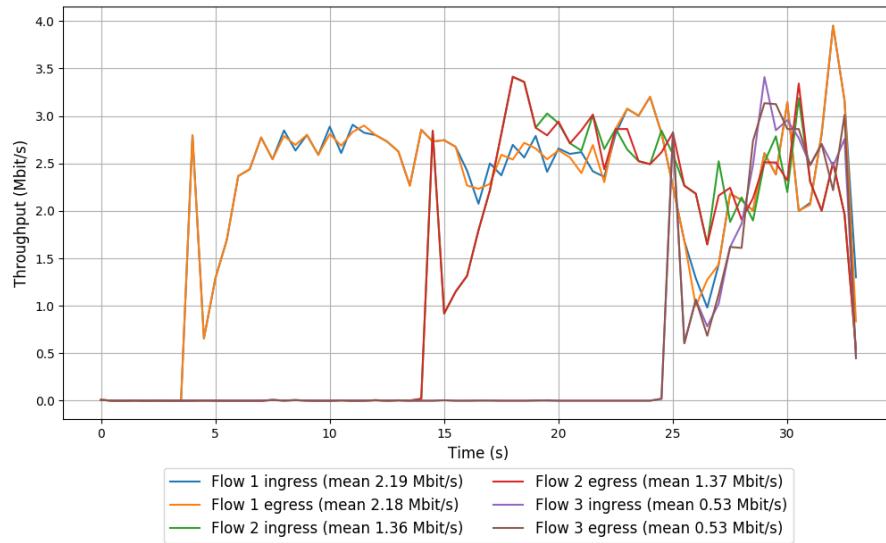


```
Run 3: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 12:54:53 +0000
End at: Sat, 01 Jul 2017 12:55:23 +0000
Local clock offset: 3.119 ms
Remote clock offset: -21.561 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 11.716 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 11.709 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 11.641 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 11.905 ms
Loss rate: 0.00%
```

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

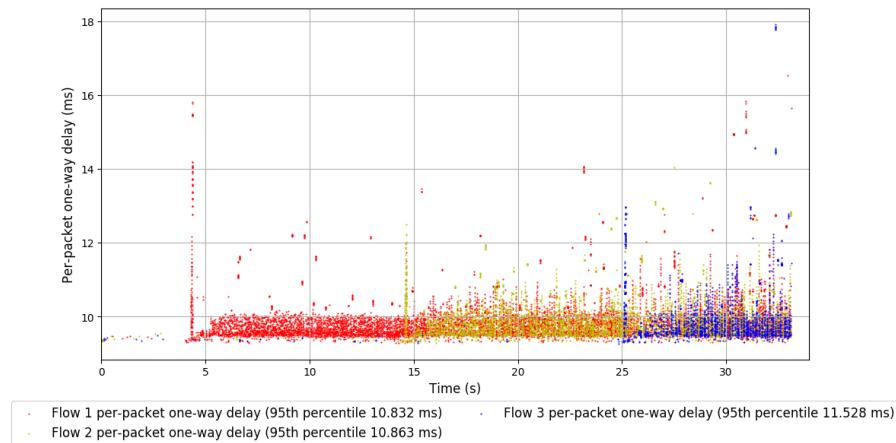
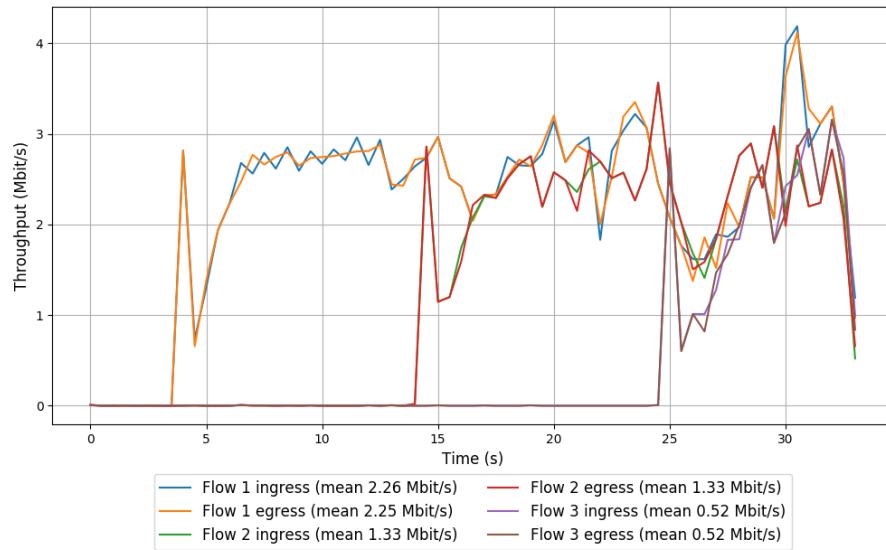


Run 4: Statistics of WebRTC media

```
Start at: Sat, 01 Jul 2017 13:12:58 +0000
End at: Sat, 01 Jul 2017 13:13:28 +0000
Local clock offset: 3.272 ms
Remote clock offset: -20.492 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 10.987 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 10.832 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 10.863 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 11.528 ms
Loss rate: 0.95%
```

Run 4: Report of WebRTC media — Data Link

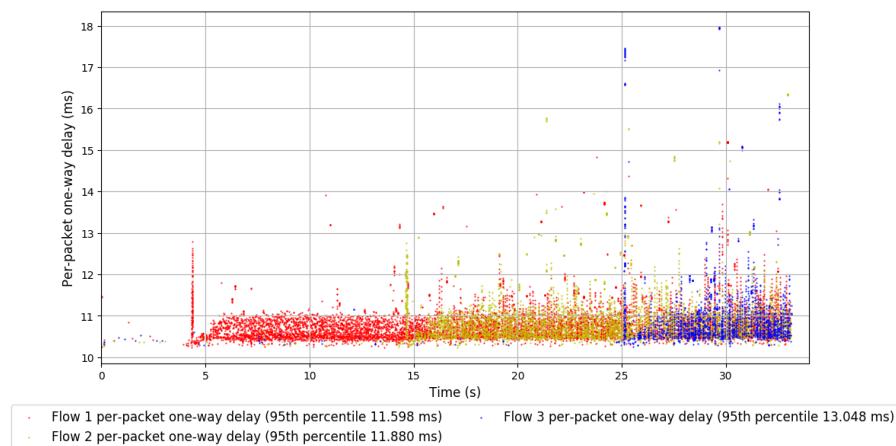
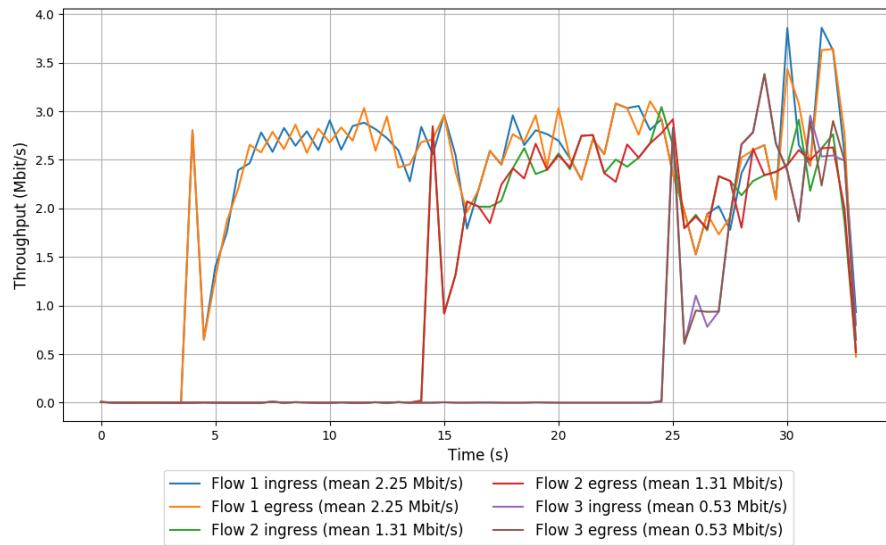


```
Run 5: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 13:31:07 +0000
End at: Sat, 01 Jul 2017 13:31:37 +0000
Local clock offset: 1.931 ms
Remote clock offset: -18.954 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 11.807 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 11.598 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 11.880 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 13.048 ms
Loss rate: 0.44%
```

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

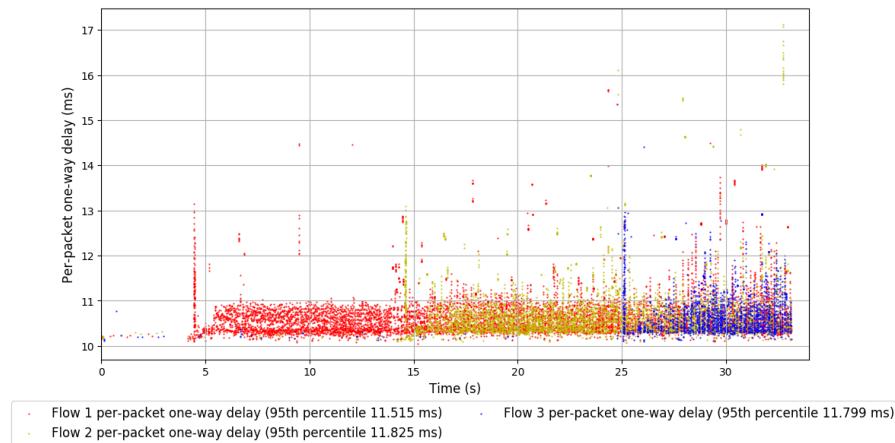
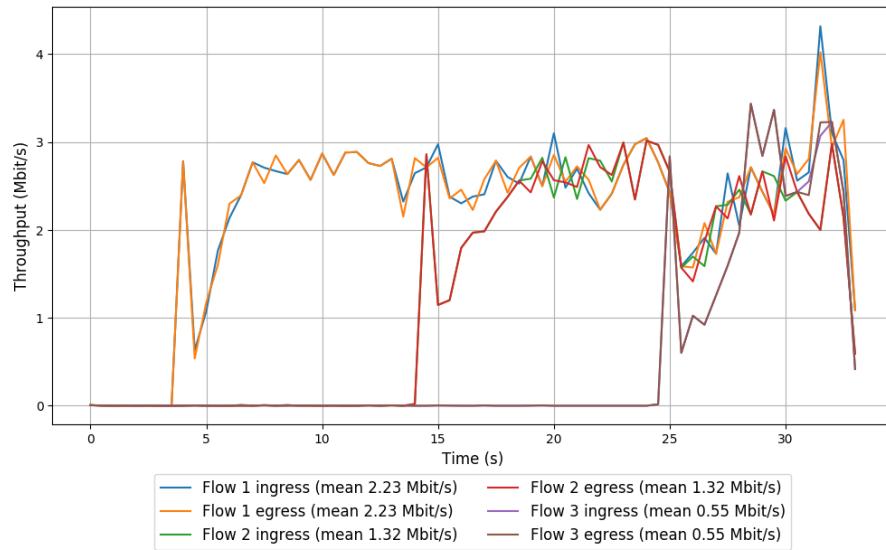


Run 6: Statistics of WebRTC media

```
Start at: Sat, 01 Jul 2017 13:49:09 +0000
End at: Sat, 01 Jul 2017 13:49:39 +0000
Local clock offset: 3.798 ms
Remote clock offset: -20.271 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 11.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 11.515 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 11.825 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 11.799 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

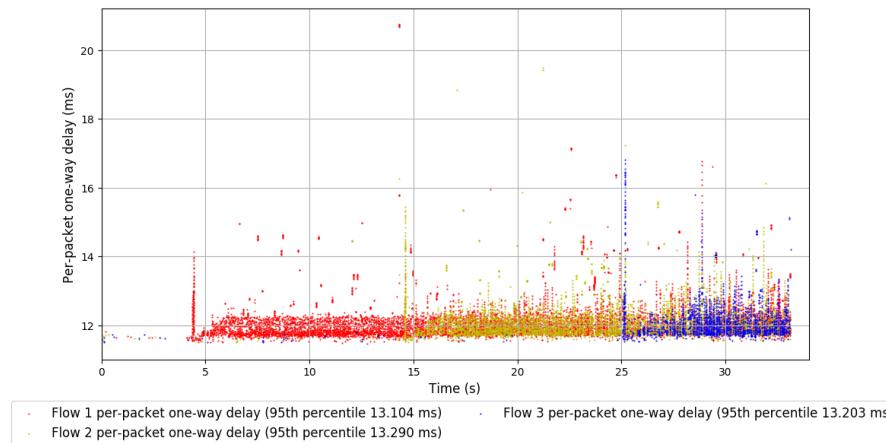
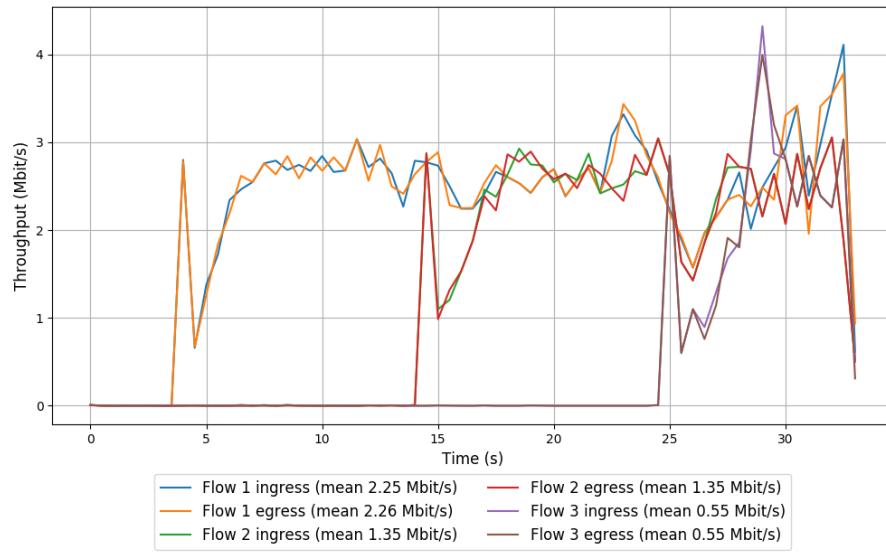


Run 7: Statistics of WebRTC media

```
Start at: Sat, 01 Jul 2017 14:07:26 +0000
End at: Sat, 01 Jul 2017 14:07:56 +0000
Local clock offset: 1.69 ms
Remote clock offset: -17.618 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 13.198 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 13.104 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 13.290 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 13.203 ms
Loss rate: 0.53%
```

Run 7: Report of WebRTC media — Data Link

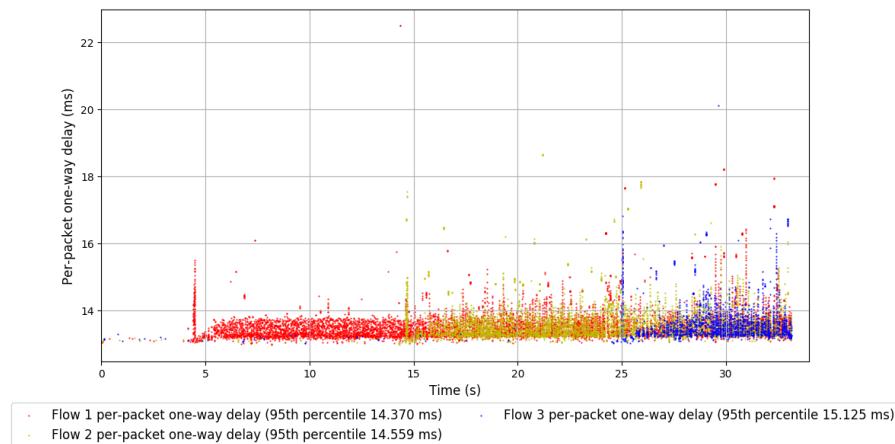
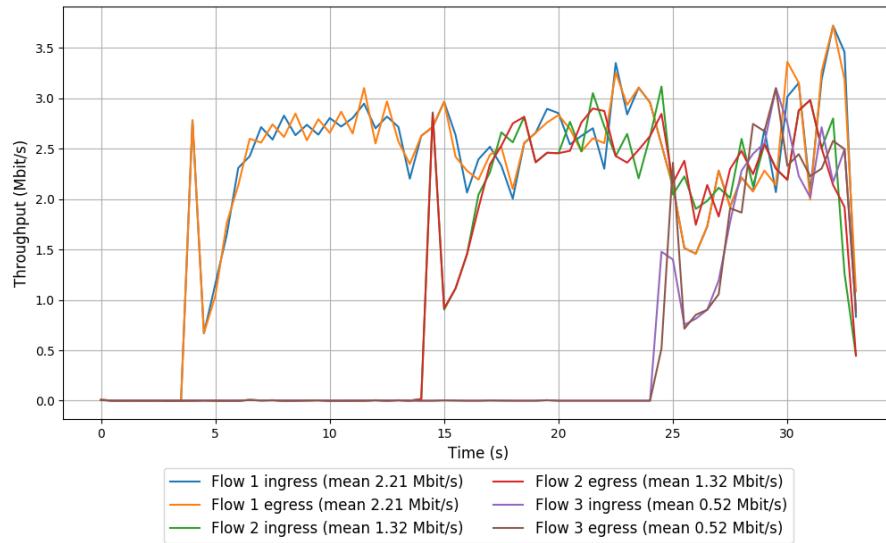


```
Run 8: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 14:25:27 +0000
End at: Sat, 01 Jul 2017 14:25:57 +0000
Local clock offset: 0.181 ms
Remote clock offset: -18.51 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 14.540 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 14.370 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 14.559 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 15.125 ms
Loss rate: 0.00%
```

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

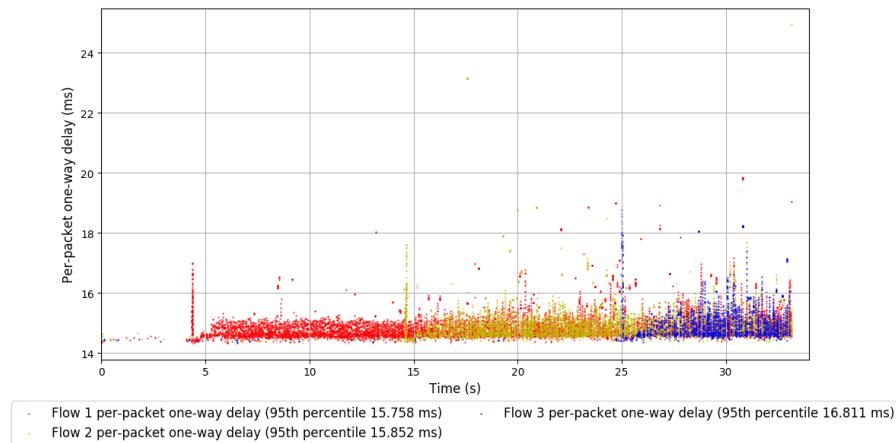
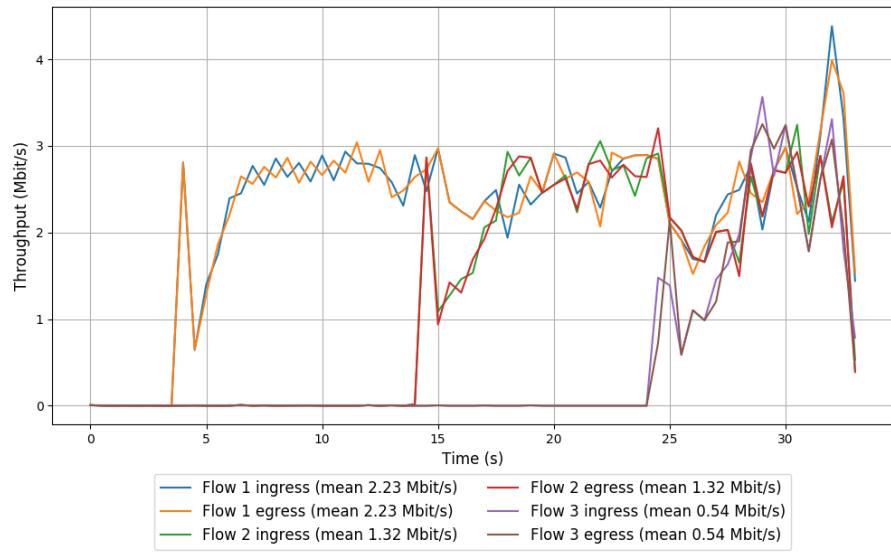


Run 9: Statistics of WebRTC media

```
Start at: Sat, 01 Jul 2017 14:44:03 +0000
End at: Sat, 01 Jul 2017 14:44:33 +0000
Local clock offset: 1.643 ms
Remote clock offset: -16.424 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 15.918 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 15.758 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 15.852 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 16.811 ms
Loss rate: 1.05%
```

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



```
Run 10: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 15:02:41 +0000
End at: Sat, 01 Jul 2017 15:03:11 +0000
Local clock offset: 1.875 ms
Remote clock offset: -16.099 ms

# Below is generated by plot.py at Sat, 01 Jul 2017 16:34:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 17.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 17.004 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 17.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 17.409 ms
Loss rate: 0.00%
```

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

