

Pantheon Summary (Generated at Wed, 05 Jul 2017 05:48:44 +0000 with pantheon version 767a95bcc95d67bd77e69c0f8bc9320c1ad3146b)

Repeated the test of 15 congestion control schemes 10 times.

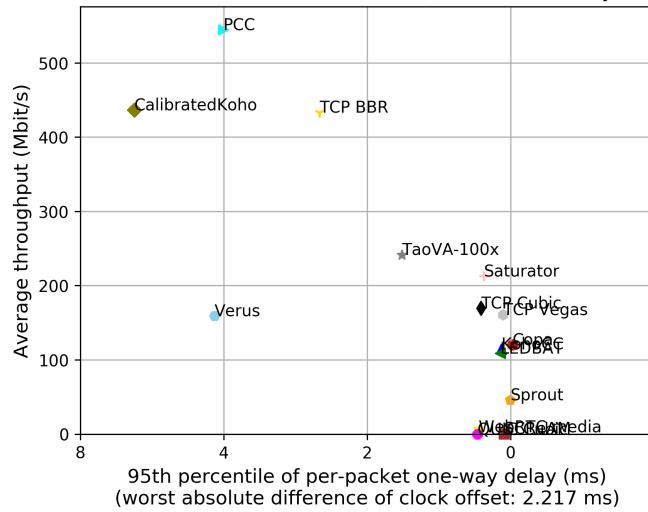
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

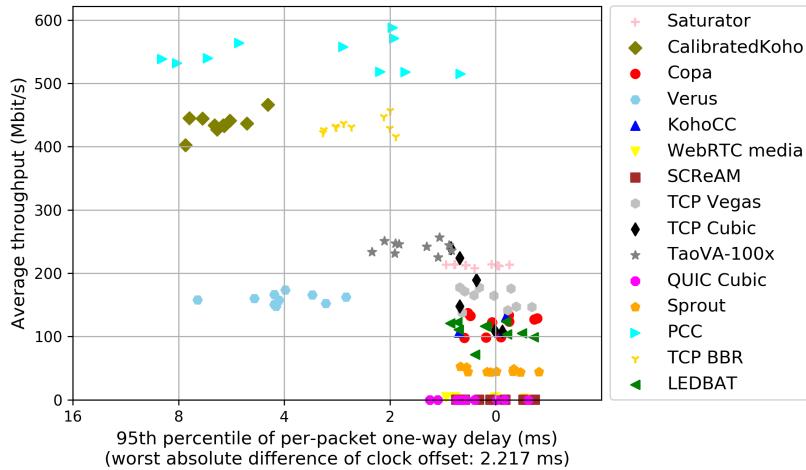
NTP offset measured against time.stanford.edu.

```
git branch: master @ afeabcbf9f0bccb7f5555428c3b5bcceec857e76
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
```

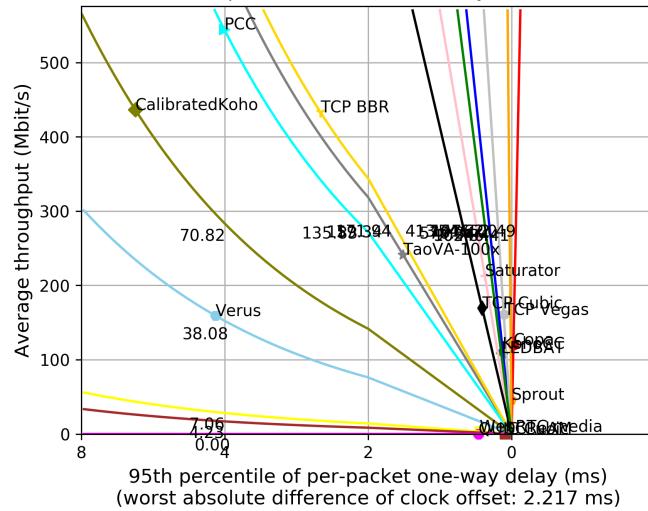
test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



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

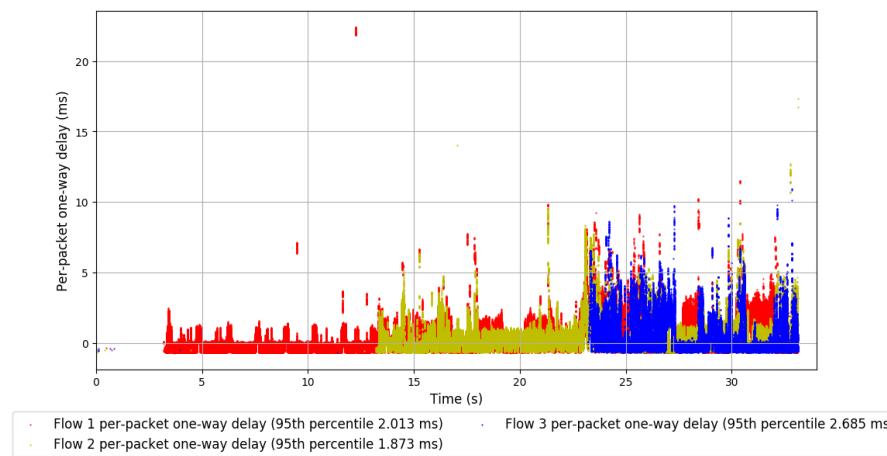
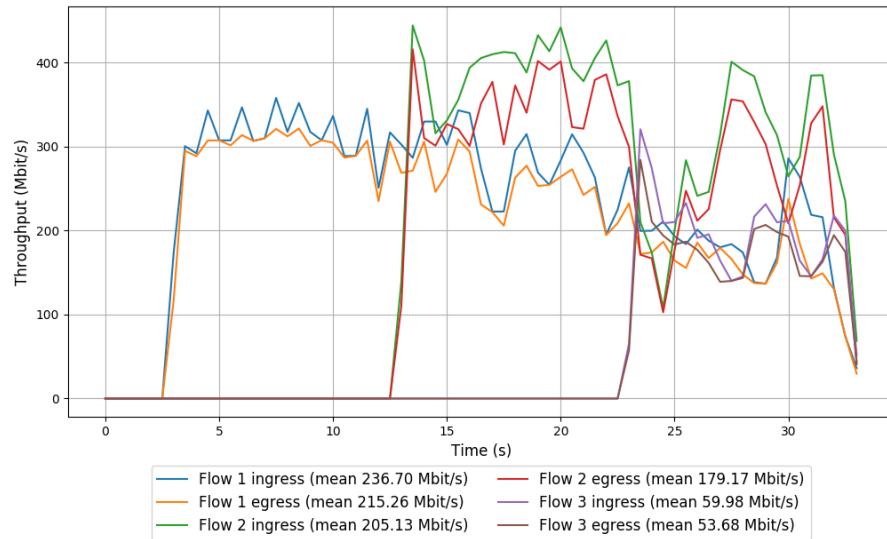


Run 1: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 22:18:41 +0000
End at: Tue, 04 Jul 2017 22:19:11 +0000
Local clock offset: 0.013 ms
Remote clock offset: -1.696 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:11:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 447.56 Mbit/s
95th percentile per-packet one-way delay: 2.084 ms
Loss rate: 10.74%
-- Flow 1:
Average throughput: 215.26 Mbit/s
95th percentile per-packet one-way delay: 2.013 ms
Loss rate: 9.11%
-- Flow 2:
Average throughput: 179.17 Mbit/s
95th percentile per-packet one-way delay: 1.873 ms
Loss rate: 12.68%
-- Flow 3:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: 2.685 ms
Loss rate: 10.59%
```

Run 1: Report of TCP BBR — Data Link

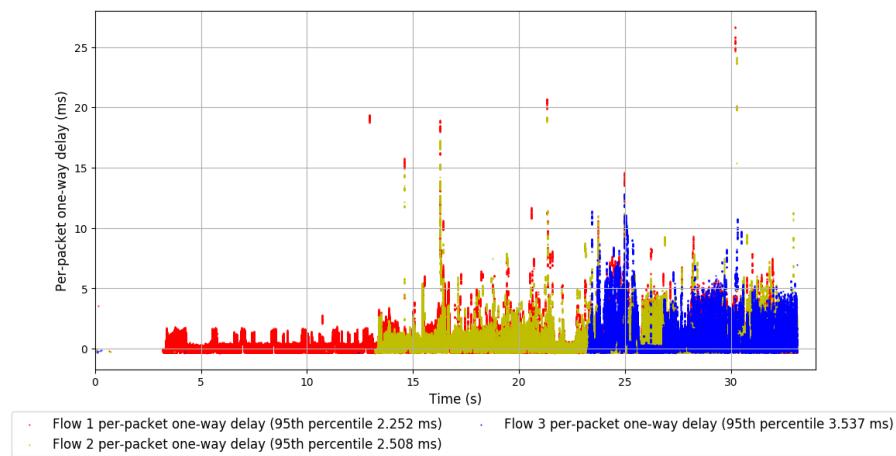
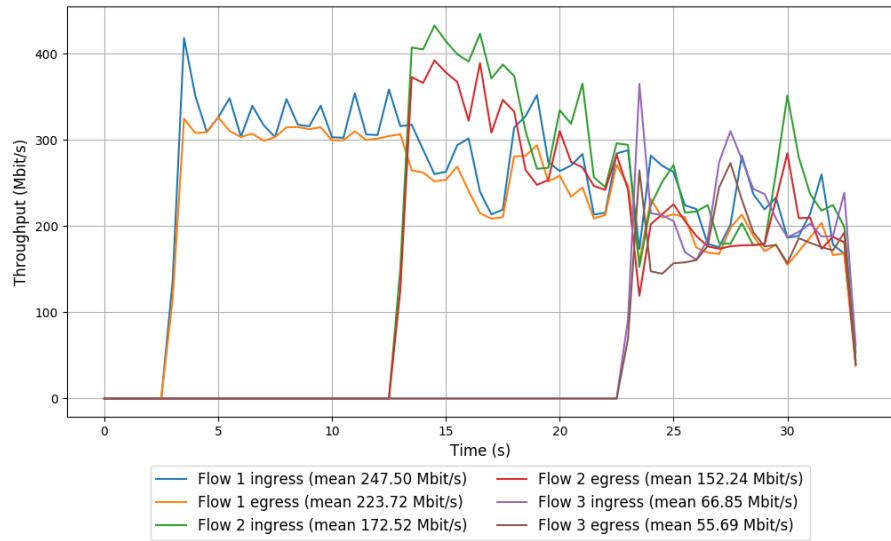


Run 2: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 22:39:22 +0000
End at: Tue, 04 Jul 2017 22:39:52 +0000
Local clock offset: 0.069 ms
Remote clock offset: -1.311 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:11:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 431.18 Mbit/s
95th percentile per-packet one-way delay: 2.577 ms
Loss rate: 11.38%
-- Flow 1:
Average throughput: 223.72 Mbit/s
95th percentile per-packet one-way delay: 2.252 ms
Loss rate: 9.65%
-- Flow 2:
Average throughput: 152.24 Mbit/s
95th percentile per-packet one-way delay: 2.508 ms
Loss rate: 11.80%
-- Flow 3:
Average throughput: 55.69 Mbit/s
95th percentile per-packet one-way delay: 3.537 ms
Loss rate: 16.72%
```

Run 2: Report of TCP BBR — Data Link

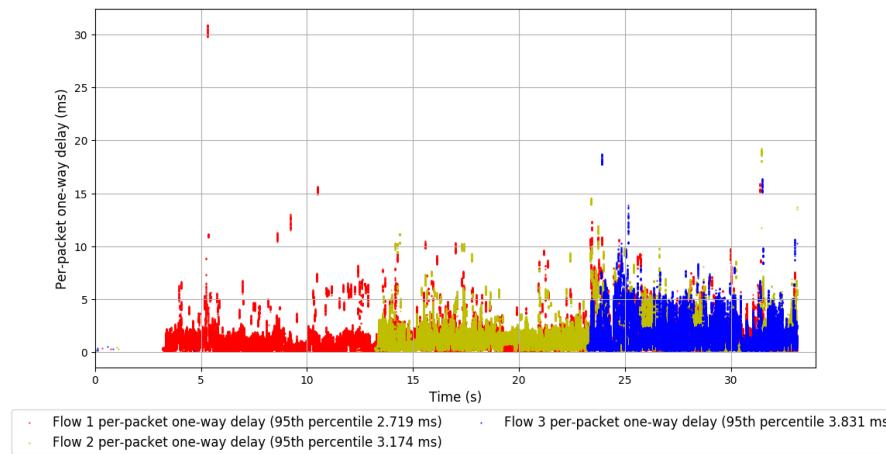
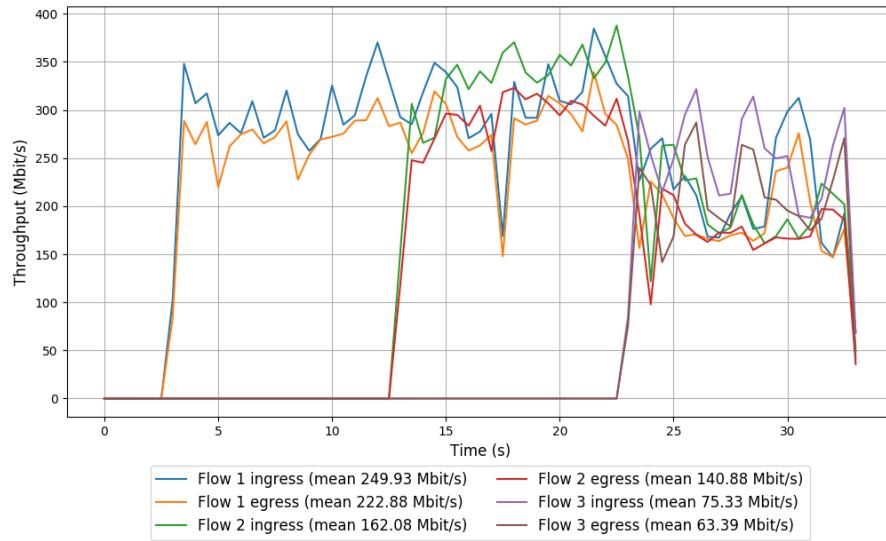


Run 3: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 22:59:59 +0000
End at: Tue, 04 Jul 2017 23:00:29 +0000
Local clock offset: -0.094 ms
Remote clock offset: -1.04 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:12:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 426.69 Mbit/s
95th percentile per-packet one-way delay: 3.090 ms
Loss rate: 12.39%
-- Flow 1:
Average throughput: 222.88 Mbit/s
95th percentile per-packet one-way delay: 2.719 ms
Loss rate: 10.87%
-- Flow 2:
Average throughput: 140.88 Mbit/s
95th percentile per-packet one-way delay: 3.174 ms
Loss rate: 13.11%
-- Flow 3:
Average throughput: 63.39 Mbit/s
95th percentile per-packet one-way delay: 3.831 ms
Loss rate: 15.90%
```

Run 3: Report of TCP BBR — Data Link

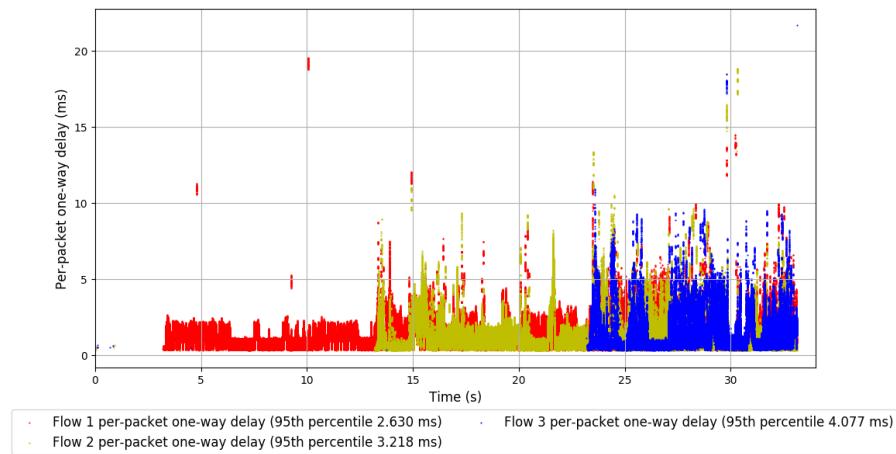
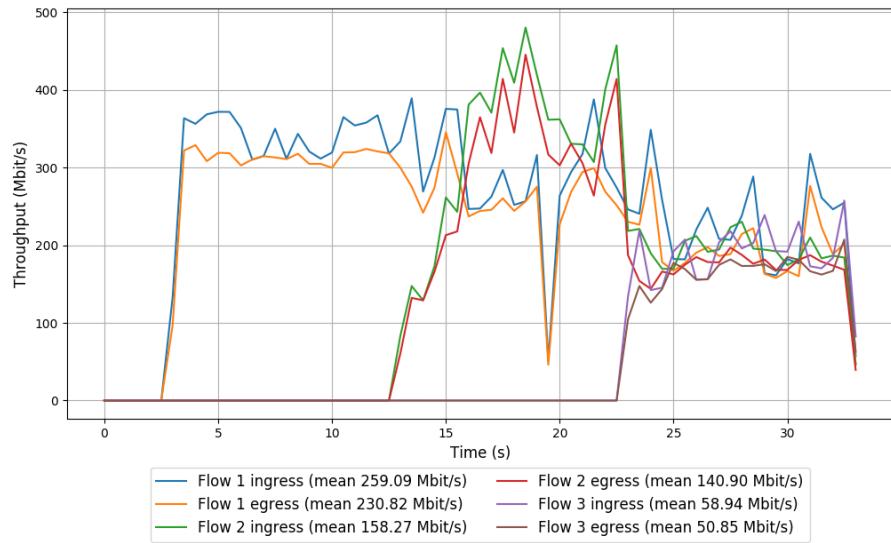


Run 4: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 23:20:49 +0000
End at: Tue, 04 Jul 2017 23:21:19 +0000
Local clock offset: -0.337 ms
Remote clock offset: -0.945 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:12:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 421.95 Mbit/s
95th percentile per-packet one-way delay: 3.107 ms
Loss rate: 11.34%
-- Flow 1:
Average throughput: 230.82 Mbit/s
95th percentile per-packet one-way delay: 2.630 ms
Loss rate: 10.97%
-- Flow 2:
Average throughput: 140.90 Mbit/s
95th percentile per-packet one-way delay: 3.218 ms
Loss rate: 11.04%
-- Flow 3:
Average throughput: 50.85 Mbit/s
95th percentile per-packet one-way delay: 4.077 ms
Loss rate: 13.73%
```

Run 4: Report of TCP BBR — Data Link

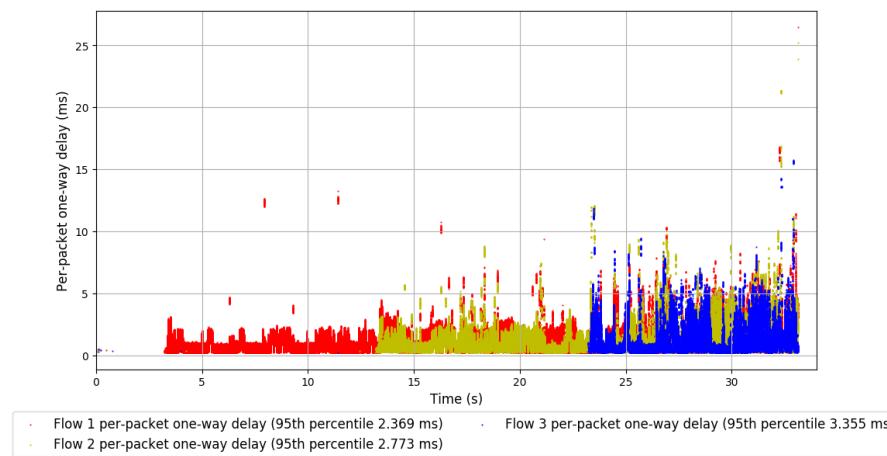
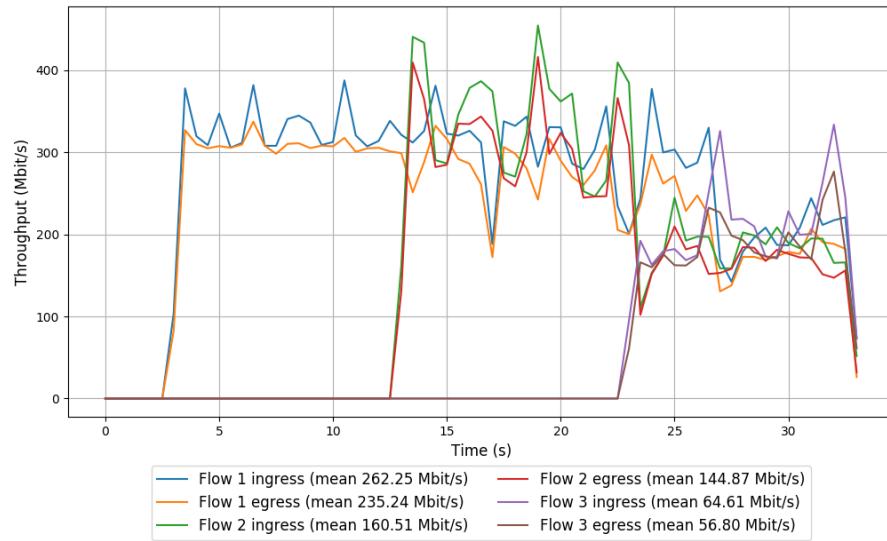


Run 5: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 23:41:30 +0000
End at: Tue, 04 Jul 2017 23:42:00 +0000
Local clock offset: -0.226 ms
Remote clock offset: -1.026 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:13:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 436.47 Mbit/s
95th percentile per-packet one-way delay: 2.714 ms
Loss rate: 10.36%
-- Flow 1:
Average throughput: 235.24 Mbit/s
95th percentile per-packet one-way delay: 2.369 ms
Loss rate: 10.29%
-- Flow 2:
Average throughput: 144.87 Mbit/s
95th percentile per-packet one-way delay: 2.773 ms
Loss rate: 9.75%
-- Flow 3:
Average throughput: 56.80 Mbit/s
95th percentile per-packet one-way delay: 3.355 ms
Loss rate: 12.14%
```

Run 5: Report of TCP BBR — Data Link

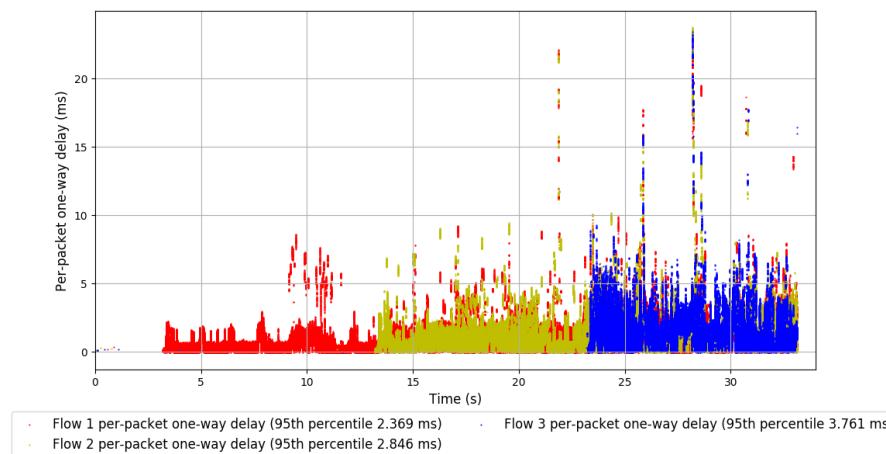
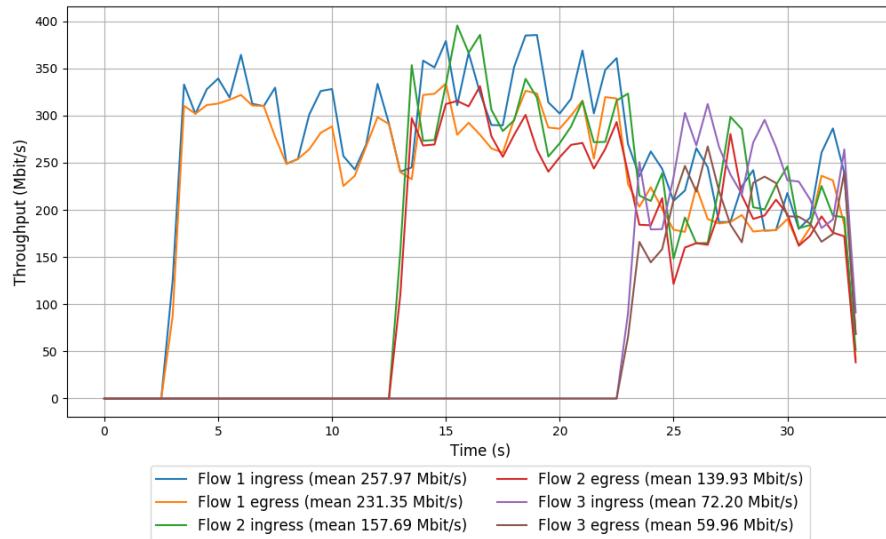


Run 6: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 00:02:20 +0000
End at: Wed, 05 Jul 2017 00:02:50 +0000
Local clock offset: -0.101 ms
Remote clock offset: -1.174 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:13:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 430.68 Mbit/s
95th percentile per-packet one-way delay: 2.850 ms
Loss rate: 11.66%
-- Flow 1:
Average throughput: 231.35 Mbit/s
95th percentile per-packet one-way delay: 2.369 ms
Loss rate: 10.37%
-- Flow 2:
Average throughput: 139.93 Mbit/s
95th percentile per-packet one-way delay: 2.846 ms
Loss rate: 11.33%
-- Flow 3:
Average throughput: 59.96 Mbit/s
95th percentile per-packet one-way delay: 3.761 ms
Loss rate: 16.98%
```

Run 6: Report of TCP BBR — Data Link

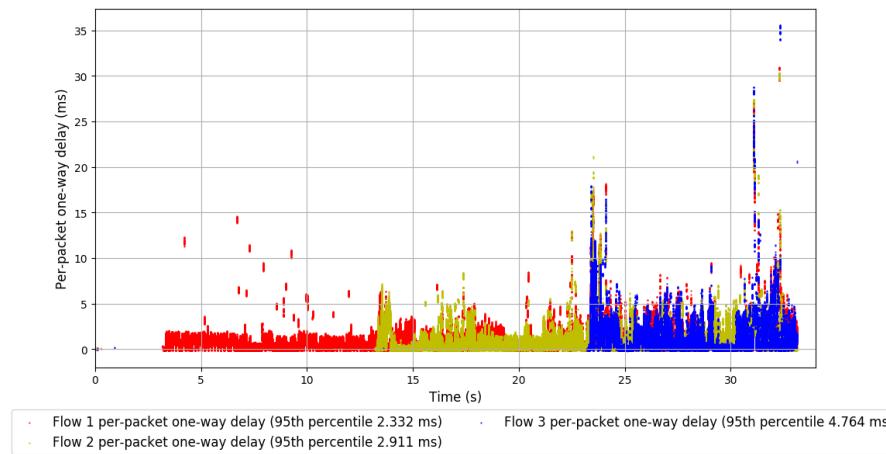
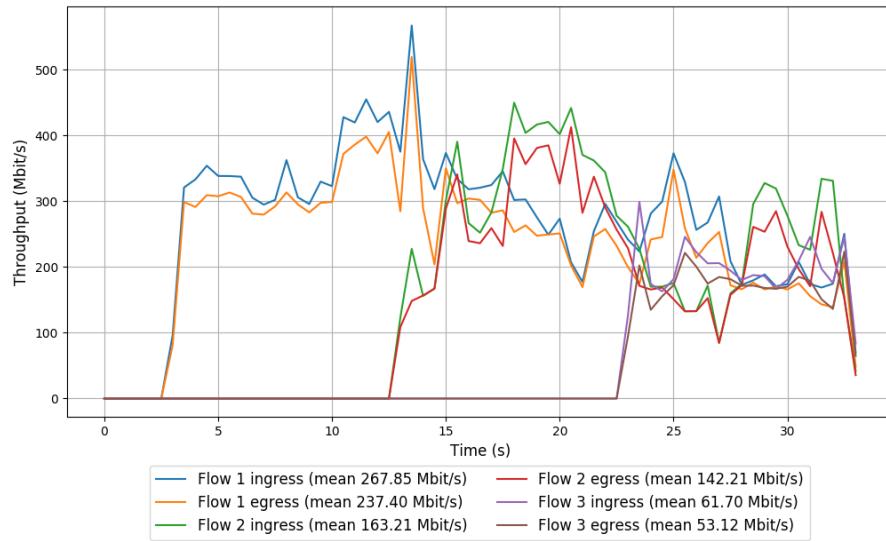


Run 7: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 00:23:05 +0000
End at: Wed, 05 Jul 2017 00:23:35 +0000
Local clock offset: 0.156 ms
Remote clock offset: -0.96 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:14:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 432.13 Mbit/s
95th percentile per-packet one-way delay: 2.863 ms
Loss rate: 12.23%
-- Flow 1:
Average throughput: 237.40 Mbit/s
95th percentile per-packet one-way delay: 2.332 ms
Loss rate: 11.42%
-- Flow 2:
Average throughput: 142.21 Mbit/s
95th percentile per-packet one-way delay: 2.911 ms
Loss rate: 12.92%
-- Flow 3:
Average throughput: 53.12 Mbit/s
95th percentile per-packet one-way delay: 4.764 ms
Loss rate: 13.91%
```

Run 7: Report of TCP BBR — Data Link

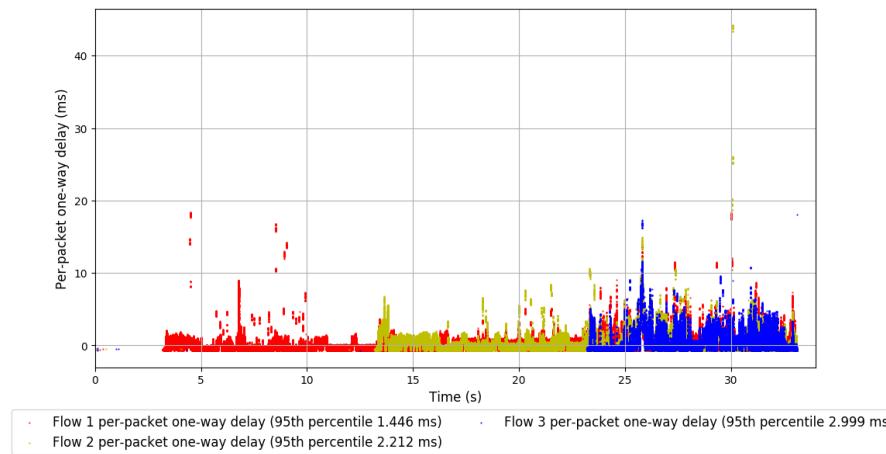
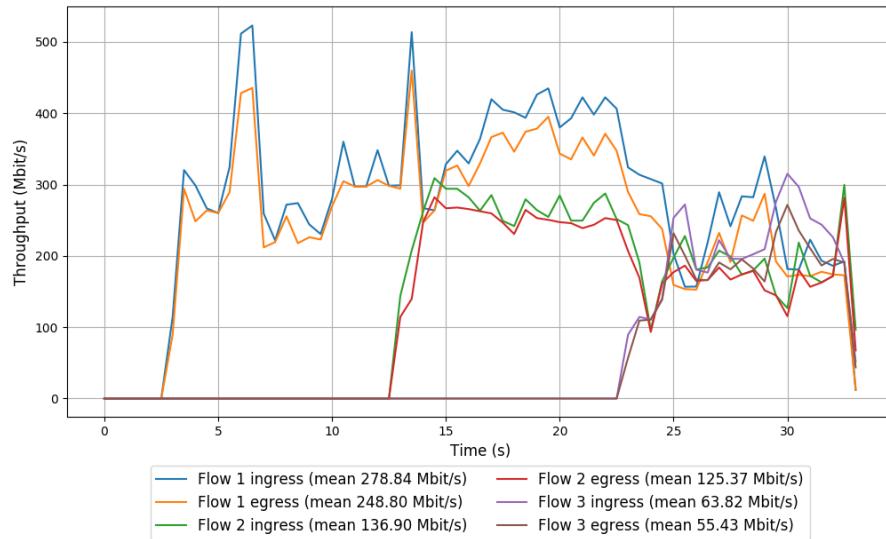


Run 8: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 00:43:38 +0000
End at: Wed, 05 Jul 2017 00:44:08 +0000
Local clock offset: 0.552 ms
Remote clock offset: -1.227 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:14:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 428.94 Mbit/s
95th percentile per-packet one-way delay: 2.001 ms
Loss rate: 10.47%
-- Flow 1:
Average throughput: 248.80 Mbit/s
95th percentile per-packet one-way delay: 1.446 ms
Loss rate: 10.83%
-- Flow 2:
Average throughput: 125.37 Mbit/s
95th percentile per-packet one-way delay: 2.212 ms
Loss rate: 8.49%
-- Flow 3:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 2.999 ms
Loss rate: 13.17%
```

Run 8: Report of TCP BBR — Data Link

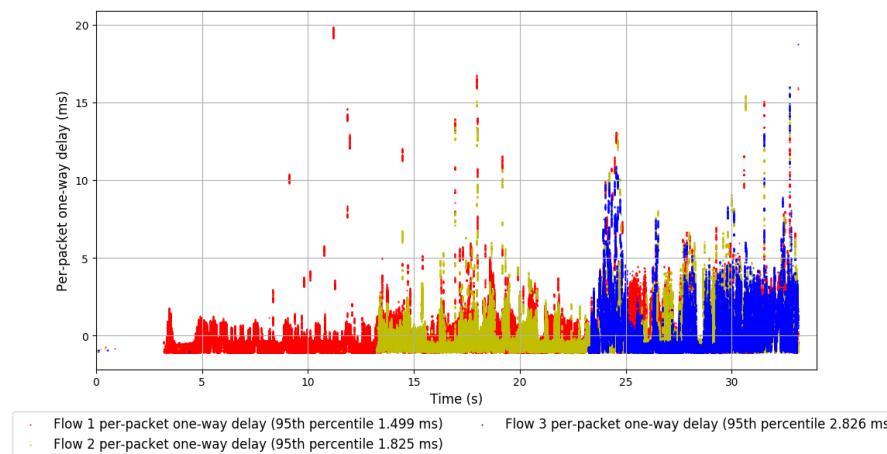
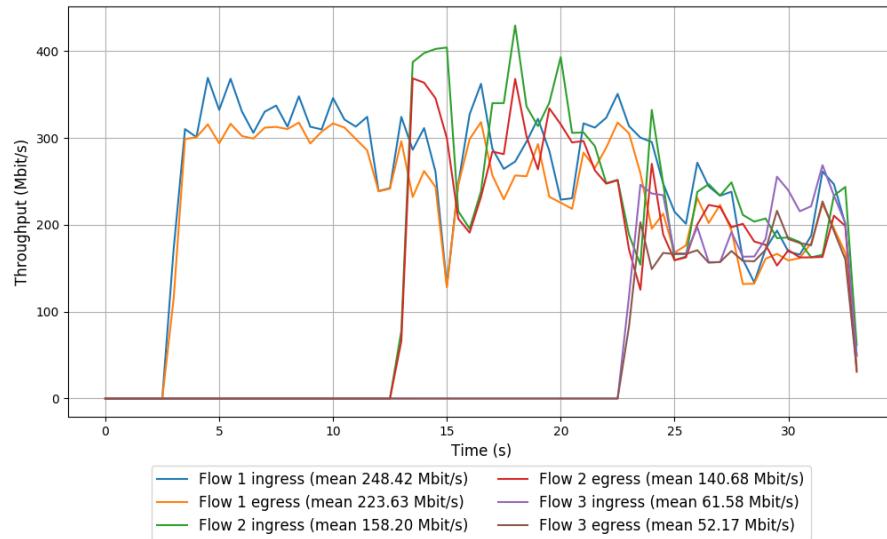


Run 9: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 01:04:15 +0000
End at: Wed, 05 Jul 2017 01:04:45 +0000
Local clock offset: 0.61 ms
Remote clock offset: -1.394 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:15:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 416.03 Mbit/s
95th percentile per-packet one-way delay: 1.889 ms
Loss rate: 11.06%
-- Flow 1:
Average throughput: 223.63 Mbit/s
95th percentile per-packet one-way delay: 1.499 ms
Loss rate: 9.99%
-- Flow 2:
Average throughput: 140.68 Mbit/s
95th percentile per-packet one-way delay: 1.825 ms
Loss rate: 11.11%
-- Flow 3:
Average throughput: 52.17 Mbit/s
95th percentile per-packet one-way delay: 2.826 ms
Loss rate: 15.29%
```

Run 9: Report of TCP BBR — Data Link

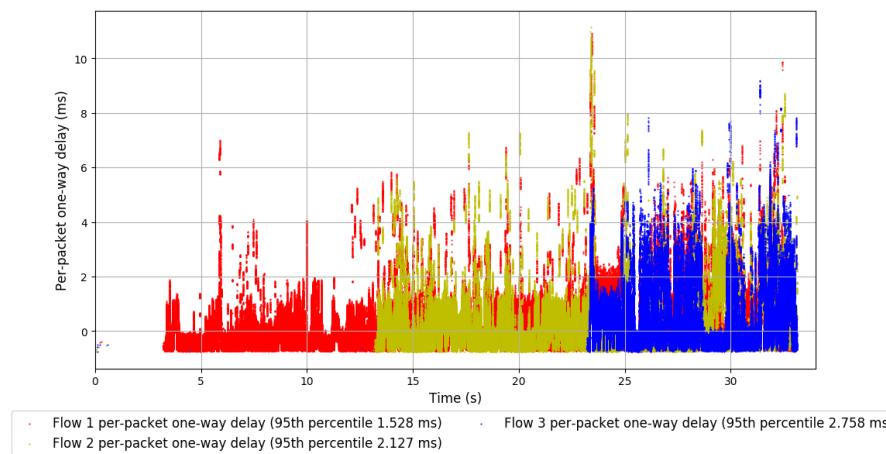
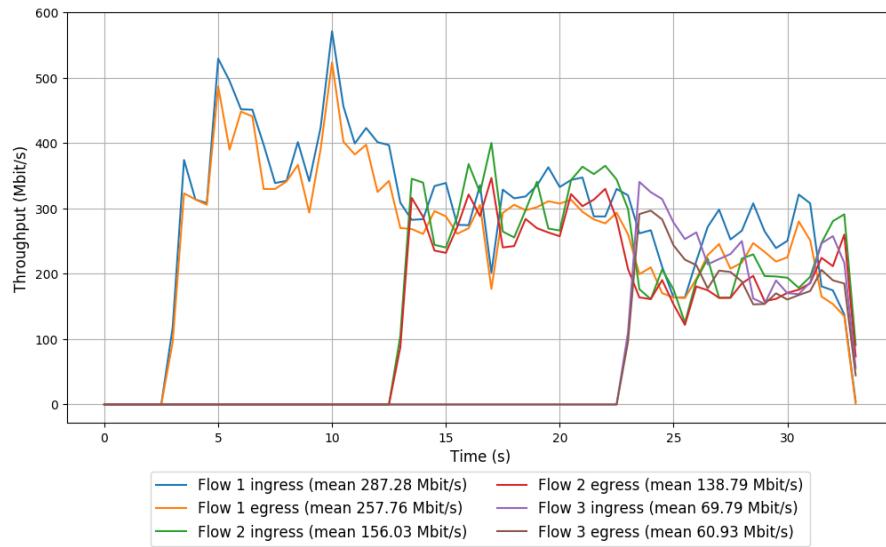


Run 10: Statistics of TCP BBR

```
Start at: Wed, 05 Jul 2017 01:24:57 +0000
End at: Wed, 05 Jul 2017 01:25:27 +0000
Local clock offset: 0.521 ms
Remote clock offset: -1.242 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:15:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 456.97 Mbit/s
95th percentile per-packet one-way delay: 2.000 ms
Loss rate: 10.91%
-- Flow 1:
Average throughput: 257.76 Mbit/s
95th percentile per-packet one-way delay: 1.528 ms
Loss rate: 10.35%
-- Flow 2:
Average throughput: 138.79 Mbit/s
95th percentile per-packet one-way delay: 2.127 ms
Loss rate: 11.11%
-- Flow 3:
Average throughput: 60.93 Mbit/s
95th percentile per-packet one-way delay: 2.758 ms
Loss rate: 12.75%
```

Run 10: Report of TCP BBR — Data Link

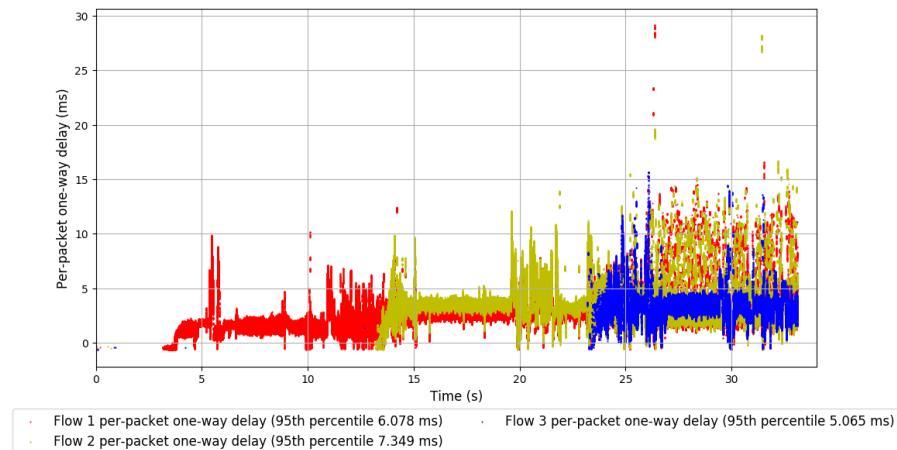
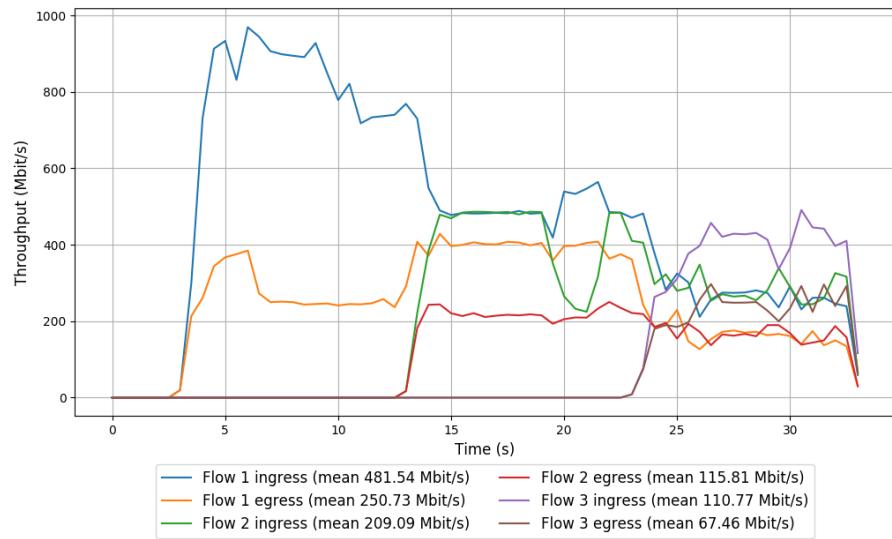


```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 22:16:53 +0000
End at: Tue, 04 Jul 2017 22:17:23 +0000
Local clock offset: -0.004 ms
Remote clock offset: -1.685 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:16:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 433.62 Mbit/s
95th percentile per-packet one-way delay: 6.314 ms
Loss rate: 45.87%
-- Flow 1:
Average throughput: 250.73 Mbit/s
95th percentile per-packet one-way delay: 6.078 ms
Loss rate: 47.96%
-- Flow 2:
Average throughput: 115.81 Mbit/s
95th percentile per-packet one-way delay: 7.349 ms
Loss rate: 44.64%
-- Flow 3:
Average throughput: 67.46 Mbit/s
95th percentile per-packet one-way delay: 5.065 ms
Loss rate: 39.13%
```

Run 1: Report of CalibratedKoho — Data Link

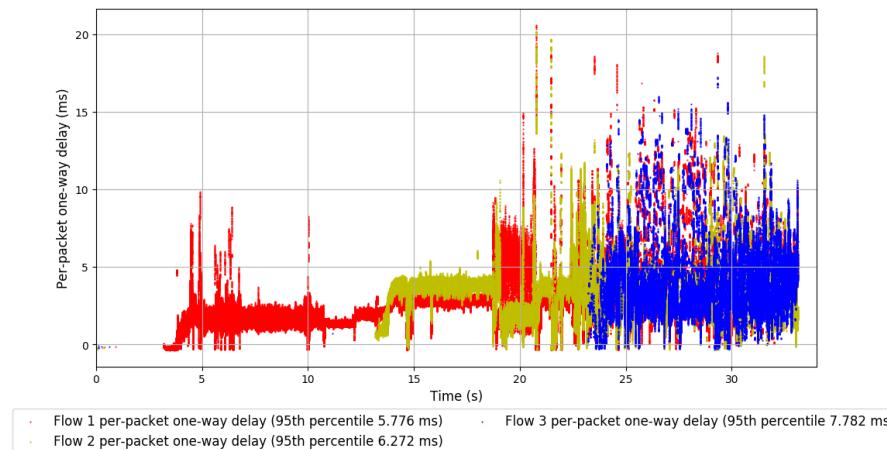
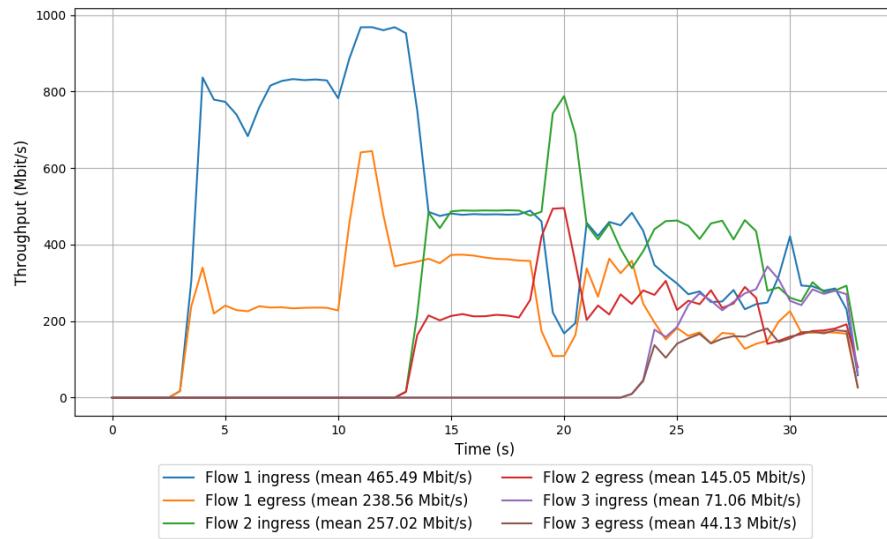


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 22:37:33 +0000
End at: Tue, 04 Jul 2017 22:38:03 +0000
Local clock offset: 0.069 ms
Remote clock offset: -1.246 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:16:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 427.35 Mbit/s
95th percentile per-packet one-way delay: 6.215 ms
Loss rate: 46.13%
-- Flow 1:
Average throughput: 238.56 Mbit/s
95th percentile per-packet one-way delay: 5.776 ms
Loss rate: 48.78%
-- Flow 2:
Average throughput: 145.05 Mbit/s
95th percentile per-packet one-way delay: 6.272 ms
Loss rate: 43.59%
-- Flow 3:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 7.782 ms
Loss rate: 37.93%
```

Run 2: Report of CalibratedKoho — Data Link

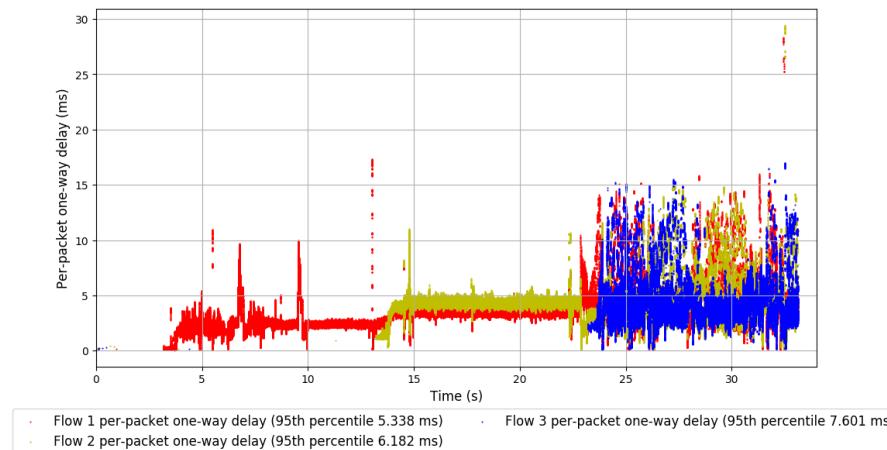
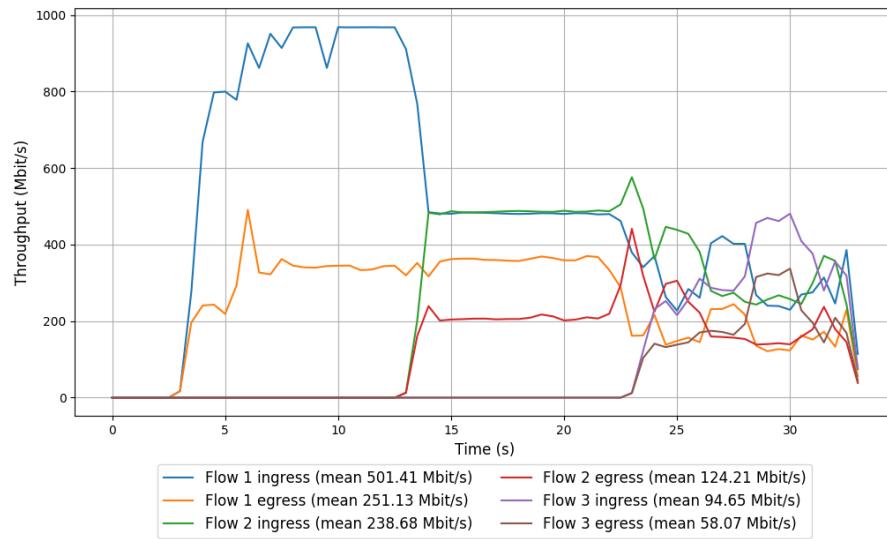


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 22:58:09 +0000
End at: Tue, 04 Jul 2017 22:58:39 +0000
Local clock offset: -0.079 ms
Remote clock offset: -1.042 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:18:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 432.98 Mbit/s
95th percentile per-packet one-way delay: 5.932 ms
Loss rate: 48.11%
-- Flow 1:
Average throughput: 251.13 Mbit/s
95th percentile per-packet one-way delay: 5.338 ms
Loss rate: 49.94%
-- Flow 2:
Average throughput: 124.21 Mbit/s
95th percentile per-packet one-way delay: 6.182 ms
Loss rate: 47.98%
-- Flow 3:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 7.601 ms
Loss rate: 38.68%
```

Run 3: Report of CalibratedKoho — Data Link

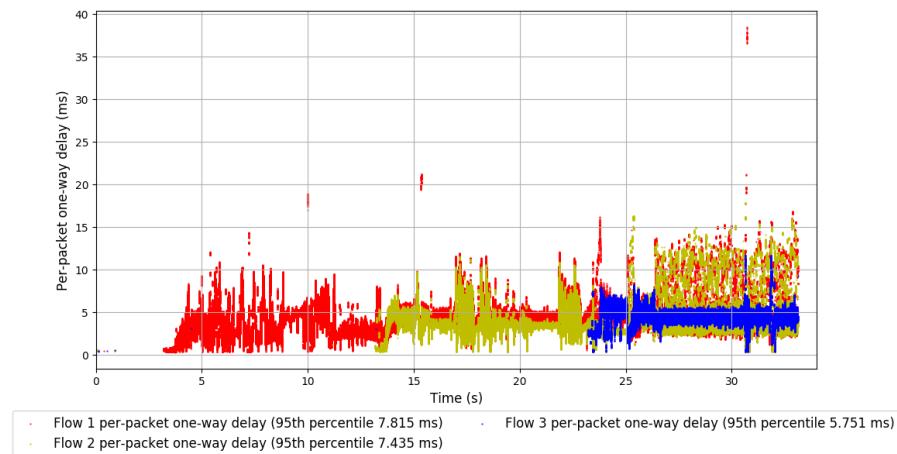
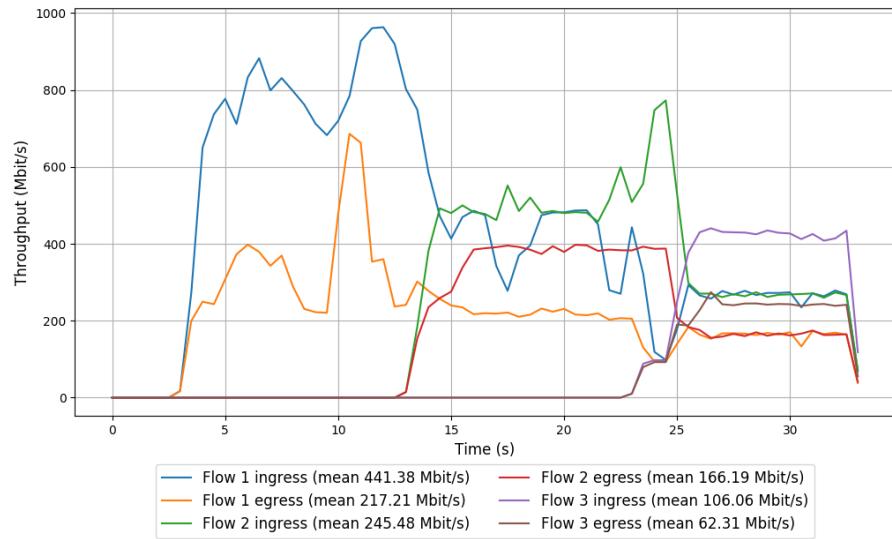


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 23:19:00 +0000
End at: Tue, 04 Jul 2017 23:19:30 +0000
Local clock offset: -0.302 ms
Remote clock offset: -1.031 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:18:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 445.18 Mbit/s
95th percentile per-packet one-way delay: 7.453 ms
Loss rate: 43.83%
-- Flow 1:
Average throughput: 217.21 Mbit/s
95th percentile per-packet one-way delay: 7.815 ms
Loss rate: 50.82%
-- Flow 2:
Average throughput: 166.19 Mbit/s
95th percentile per-packet one-way delay: 7.435 ms
Loss rate: 32.33%
-- Flow 3:
Average throughput: 62.31 Mbit/s
95th percentile per-packet one-way delay: 5.751 ms
Loss rate: 41.28%
```

Run 4: Report of CalibratedKoho — Data Link

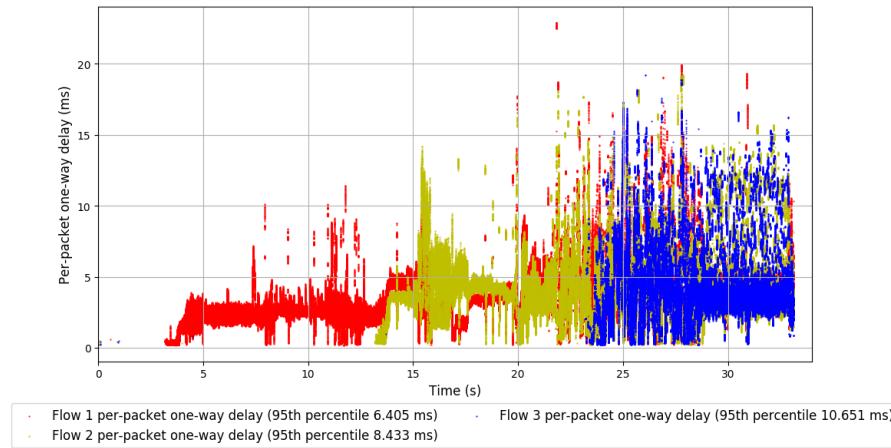
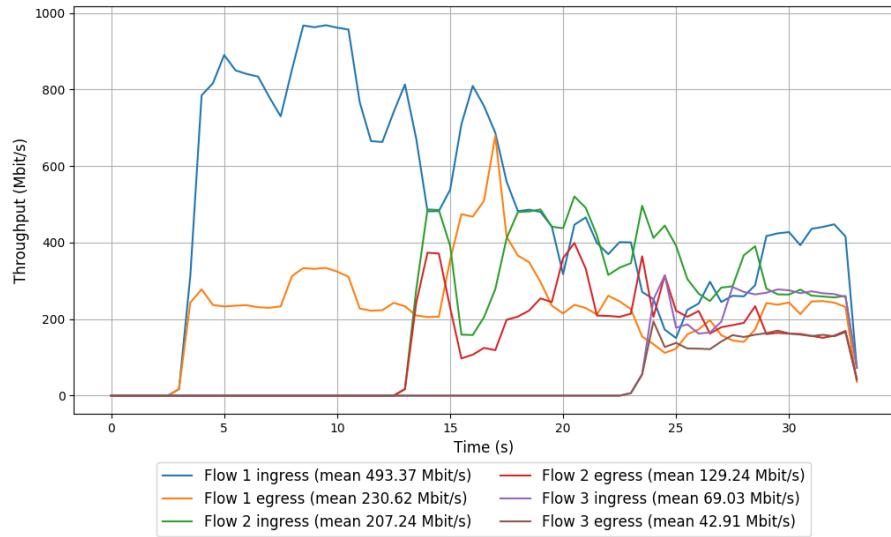


Run 5: Statistics of CalibratedKoho

```
Start at: Tue, 04 Jul 2017 23:39:43 +0000
End at: Tue, 04 Jul 2017 23:40:13 +0000
Local clock offset: -0.326 ms
Remote clock offset: -1.076 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:19:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 402.40 Mbit/s
95th percentile per-packet one-way delay: 7.642 ms
Loss rate: 47.70%
-- Flow 1:
Average throughput: 230.62 Mbit/s
95th percentile per-packet one-way delay: 6.405 ms
Loss rate: 53.28%
-- Flow 2:
Average throughput: 129.24 Mbit/s
95th percentile per-packet one-way delay: 8.433 ms
Loss rate: 37.67%
-- Flow 3:
Average throughput: 42.91 Mbit/s
95th percentile per-packet one-way delay: 10.651 ms
Loss rate: 37.88%
```

Run 5: Report of CalibratedKoho — Data Link

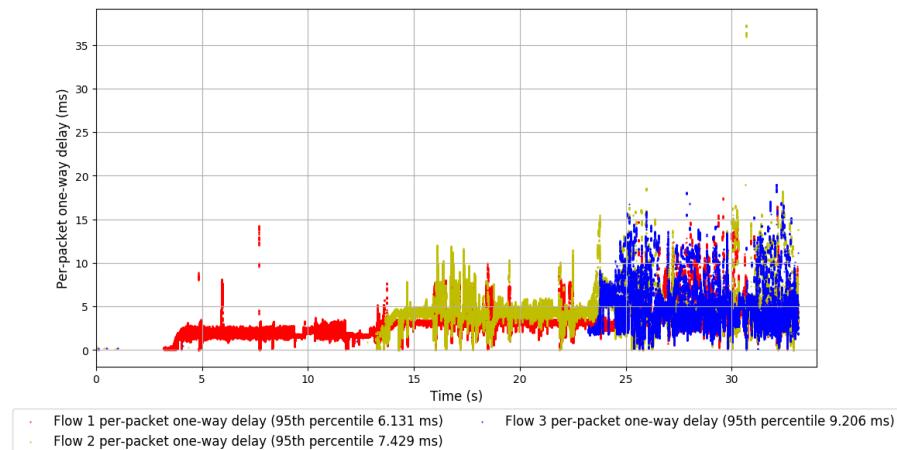
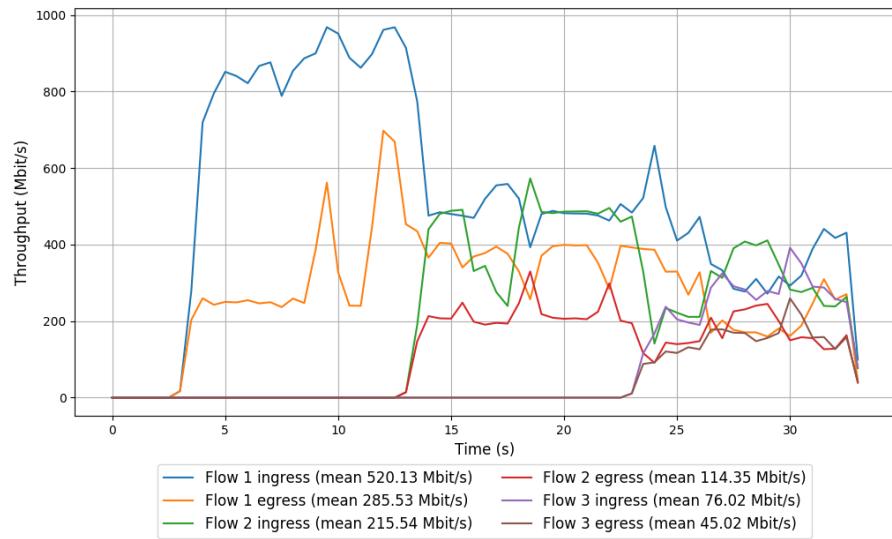


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 00:00:31 +0000
End at: Wed, 05 Jul 2017 00:01:01 +0000
Local clock offset: -0.093 ms
Remote clock offset: -1.148 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:19:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 444.52 Mbit/s
95th percentile per-packet one-way delay: 6.831 ms
Loss rate: 45.22%
-- Flow 1:
Average throughput: 285.53 Mbit/s
95th percentile per-packet one-way delay: 6.131 ms
Loss rate: 45.13%
-- Flow 2:
Average throughput: 114.35 Mbit/s
95th percentile per-packet one-way delay: 7.429 ms
Loss rate: 46.97%
-- Flow 3:
Average throughput: 45.02 Mbit/s
95th percentile per-packet one-way delay: 9.206 ms
Loss rate: 40.81%
```

Run 6: Report of CalibratedKoho — Data Link

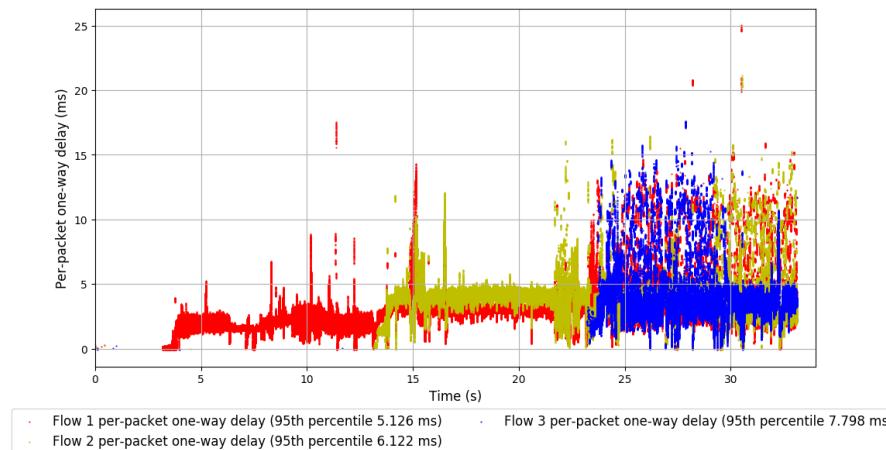
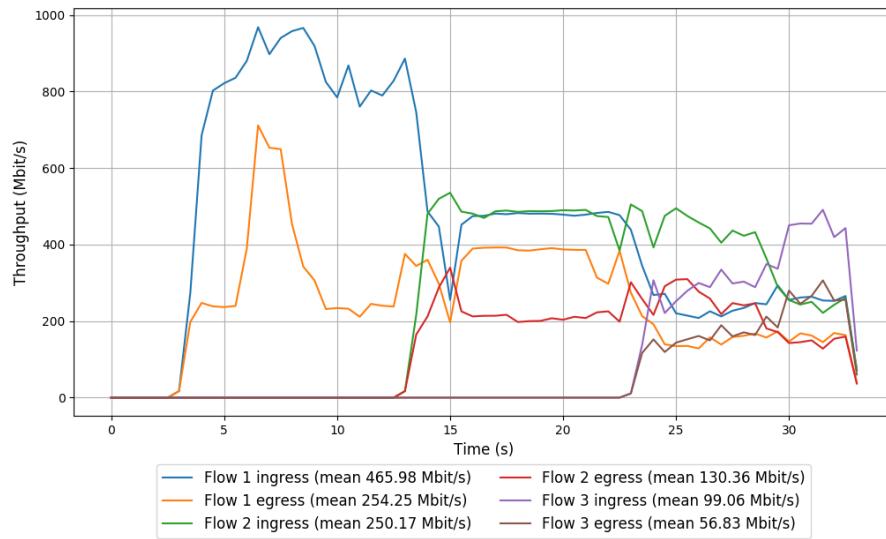


Run 7: Statistics of CalibratedKoho

```
Start at: Wed, 05 Jul 2017 00:21:15 +0000
End at: Wed, 05 Jul 2017 00:21:45 +0000
Local clock offset: 0.08 ms
Remote clock offset: -1.02 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:20:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 440.98 Mbit/s
95th percentile per-packet one-way delay: 5.717 ms
Loss rate: 45.88%
-- Flow 1:
Average throughput: 254.25 Mbit/s
95th percentile per-packet one-way delay: 5.126 ms
Loss rate: 45.46%
-- Flow 2:
Average throughput: 130.36 Mbit/s
95th percentile per-packet one-way delay: 6.122 ms
Loss rate: 47.92%
-- Flow 3:
Average throughput: 56.83 Mbit/s
95th percentile per-packet one-way delay: 7.798 ms
Loss rate: 42.65%
```

Run 7: Report of CalibratedKoho — Data Link

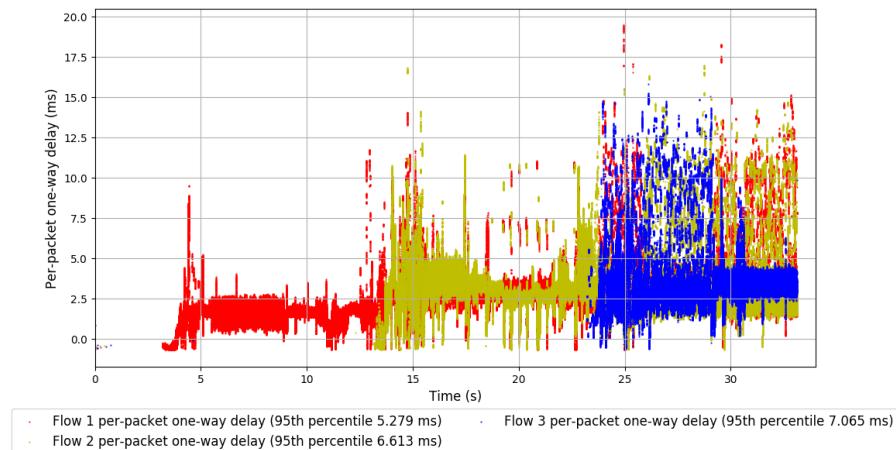
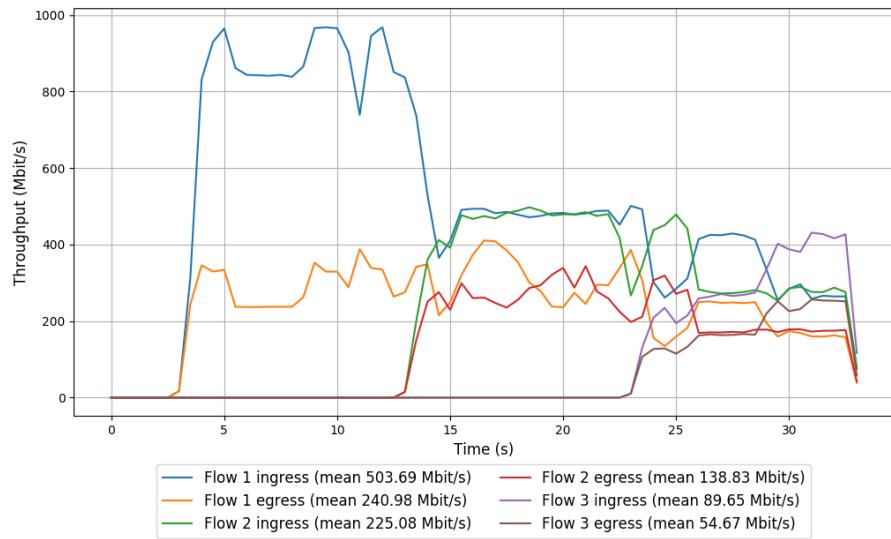


Run 8: Statistics of CalibratedKoho

```
Start at: Wed, 05 Jul 2017 00:41:49 +0000
End at: Wed, 05 Jul 2017 00:42:19 +0000
Local clock offset: 0.456 ms
Remote clock offset: -1.136 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:20:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 434.03 Mbit/s
95th percentile per-packet one-way delay: 5.966 ms
Loss rate: 46.95%
-- Flow 1:
Average throughput: 240.98 Mbit/s
95th percentile per-packet one-way delay: 5.279 ms
Loss rate: 52.18%
-- Flow 2:
Average throughput: 138.83 Mbit/s
95th percentile per-packet one-way delay: 6.613 ms
Loss rate: 38.36%
-- Flow 3:
Average throughput: 54.67 Mbit/s
95th percentile per-packet one-way delay: 7.065 ms
Loss rate: 39.04%
```

Run 8: Report of CalibratedKoho — Data Link

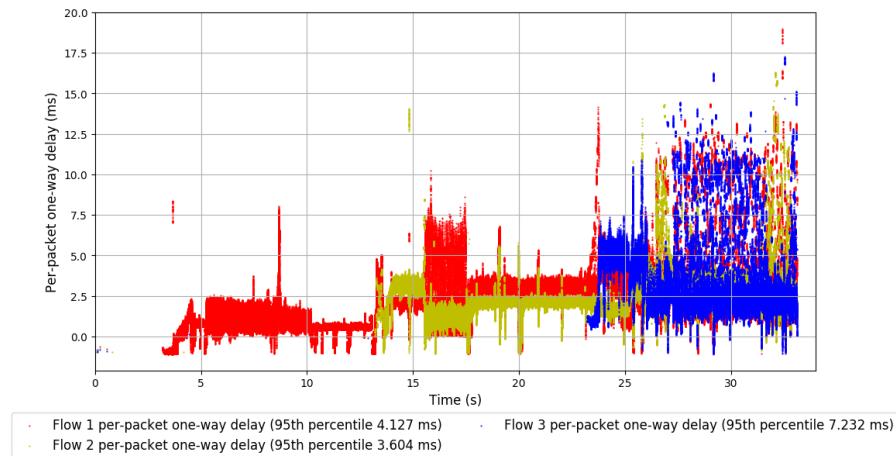
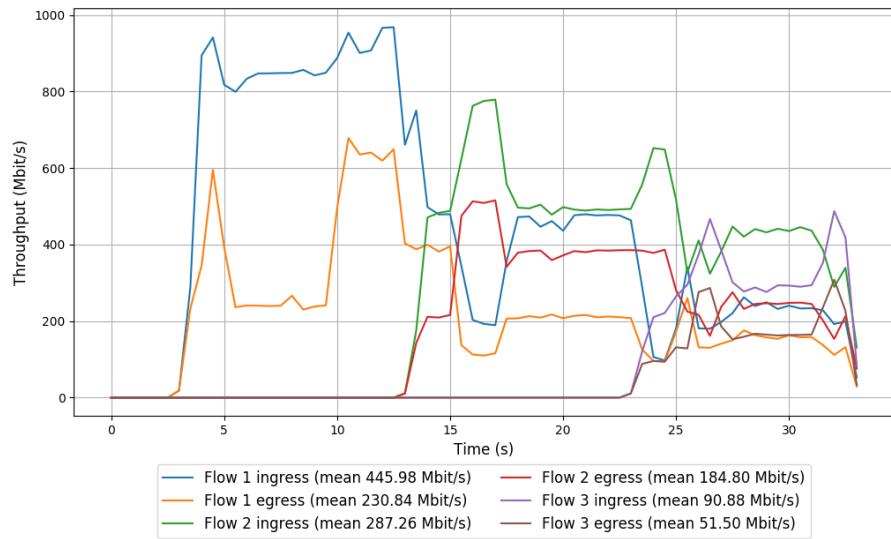


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 01:02:24 +0000
End at: Wed, 05 Jul 2017 01:02:54 +0000
Local clock offset: 0.708 ms
Remote clock offset: -1.469 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:21:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 466.65 Mbit/s
95th percentile per-packet one-way delay: 4.449 ms
Loss rate: 43.35%
-- Flow 1:
Average throughput: 230.84 Mbit/s
95th percentile per-packet one-way delay: 4.127 ms
Loss rate: 48.27%
-- Flow 2:
Average throughput: 184.80 Mbit/s
95th percentile per-packet one-way delay: 3.604 ms
Loss rate: 35.69%
-- Flow 3:
Average throughput: 51.50 Mbit/s
95th percentile per-packet one-way delay: 7.232 ms
Loss rate: 43.37%
```

Run 9: Report of CalibratedKoho — Data Link

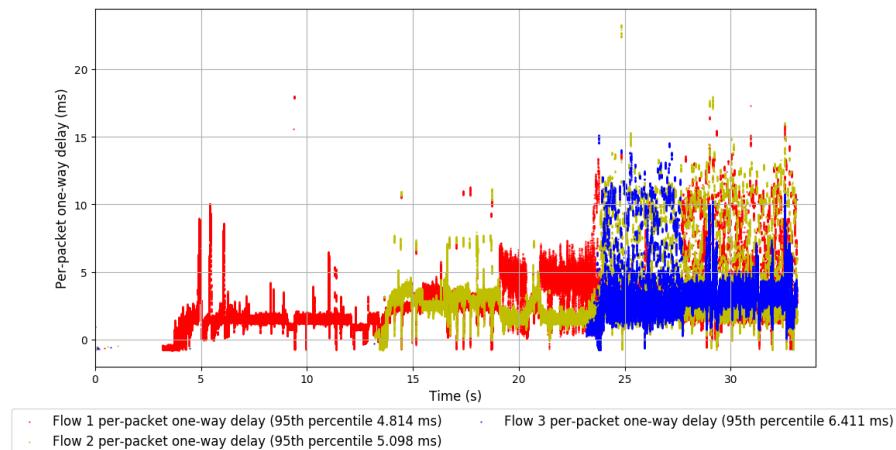
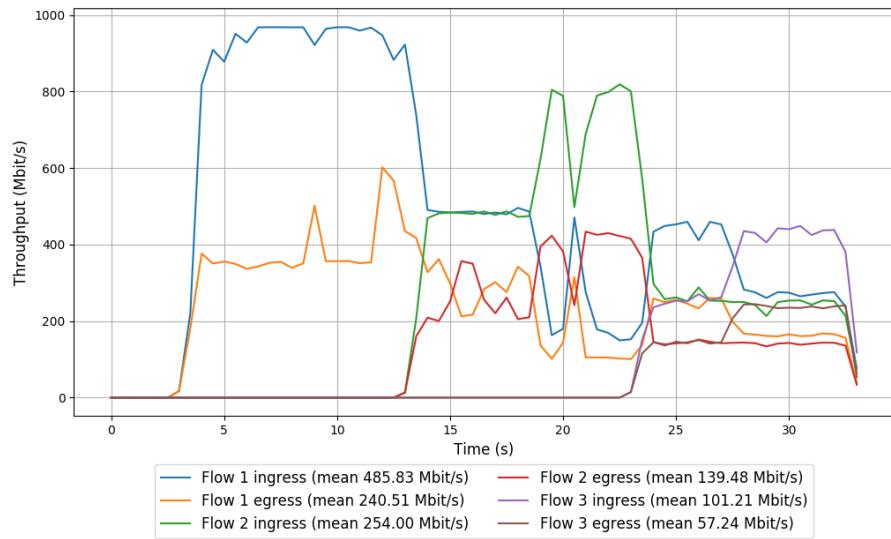


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Wed, 05 Jul 2017 01:23:07 +0000
End at: Wed, 05 Jul 2017 01:23:37 +0000
Local clock offset: 0.548 ms
Remote clock offset: -1.351 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:21:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 436.79 Mbit/s
95th percentile per-packet one-way delay: 5.105 ms
Loss rate: 48.04%
-- Flow 1:
Average throughput: 240.51 Mbit/s
95th percentile per-packet one-way delay: 4.814 ms
Loss rate: 50.53%
-- Flow 2:
Average throughput: 139.48 Mbit/s
95th percentile per-packet one-way delay: 5.098 ms
Loss rate: 45.11%
-- Flow 3:
Average throughput: 57.24 Mbit/s
95th percentile per-packet one-way delay: 6.411 ms
Loss rate: 43.47%
```

Run 10: Report of CalibratedKoho — Data Link

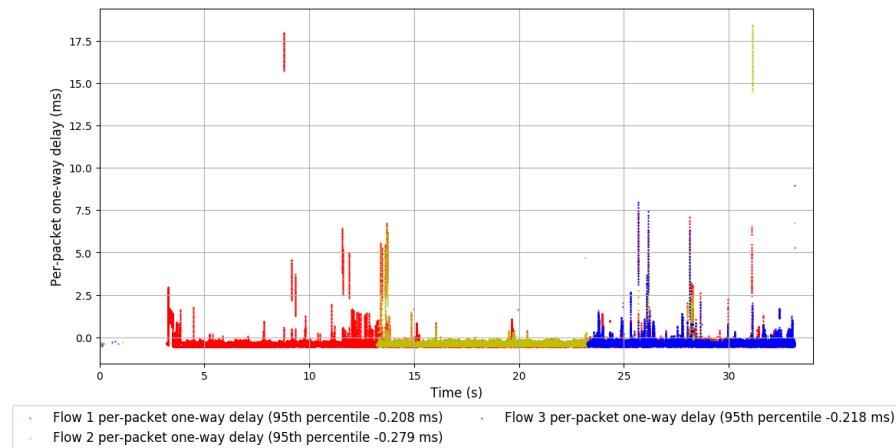
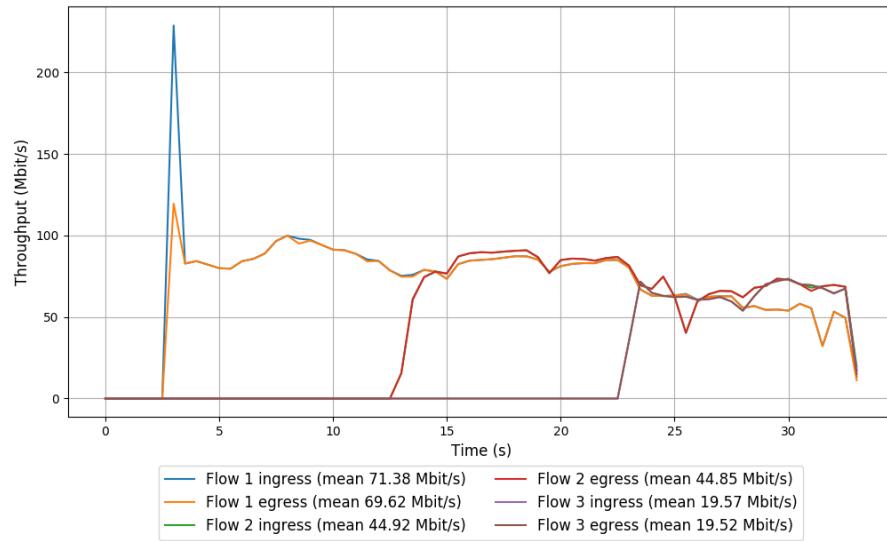


Run 1: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 22:08:09 +0000
End at: Tue, 04 Jul 2017 22:08:39 +0000
Local clock offset: -0.079 ms
Remote clock offset: -1.523 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:22:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 133.84 Mbit/s
95th percentile per-packet one-way delay: -0.247 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 69.62 Mbit/s
95th percentile per-packet one-way delay: -0.208 ms
Loss rate: 2.51%
-- Flow 2:
Average throughput: 44.85 Mbit/s
95th percentile per-packet one-way delay: -0.279 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 19.52 Mbit/s
95th percentile per-packet one-way delay: -0.218 ms
Loss rate: 0.29%
```

Run 1: Report of Copa — Data Link

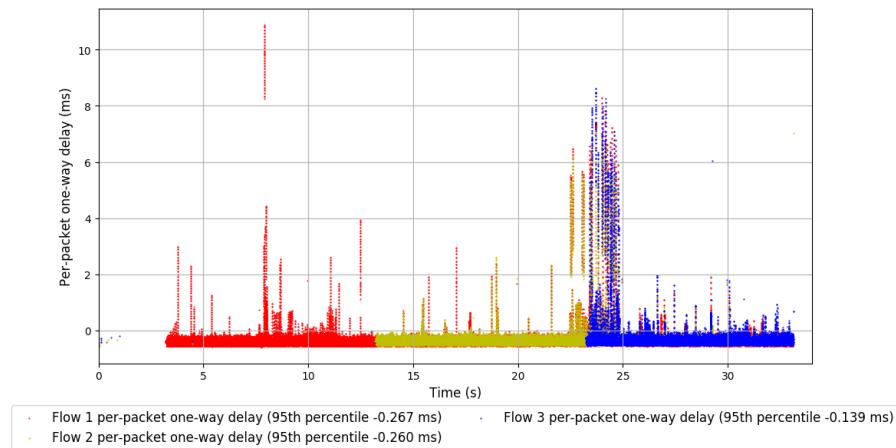
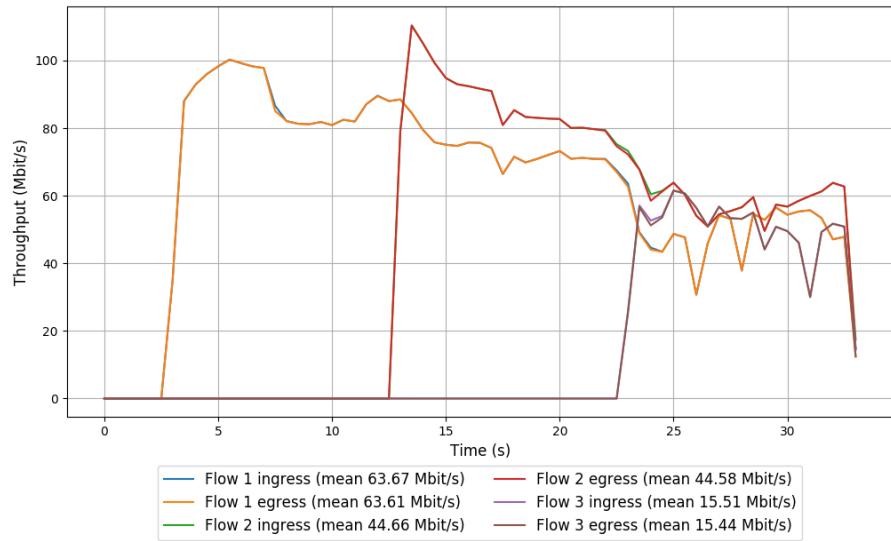


Run 2: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 22:28:55 +0000
End at: Tue, 04 Jul 2017 22:29:25 +0000
Local clock offset: -0.04 ms
Remote clock offset: -1.508 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:22:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 123.50 Mbit/s
95th percentile per-packet one-way delay: -0.250 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 63.61 Mbit/s
95th percentile per-packet one-way delay: -0.267 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 44.58 Mbit/s
95th percentile per-packet one-way delay: -0.260 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: -0.139 ms
Loss rate: 0.49%
```

Run 2: Report of Copa — Data Link

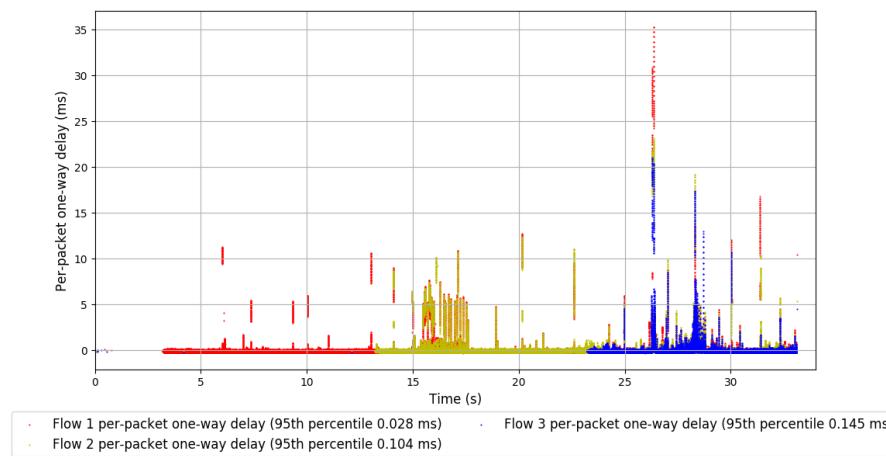
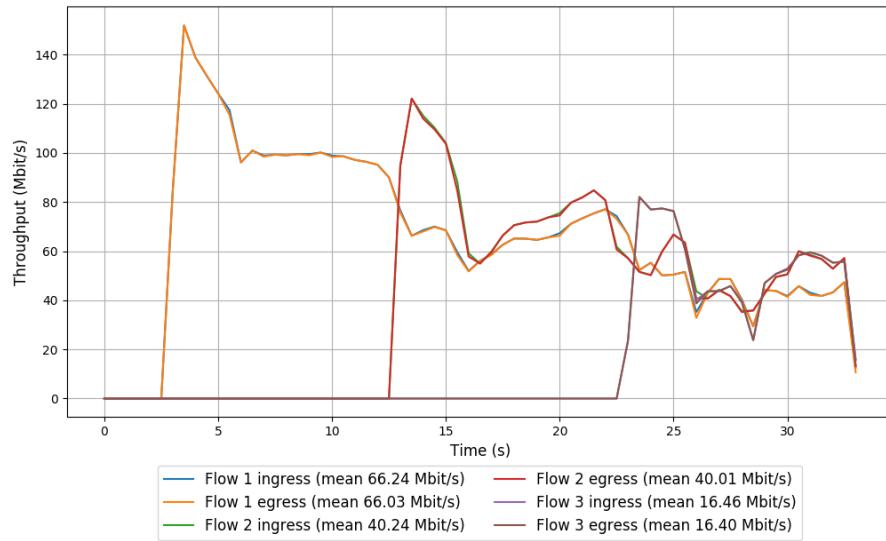


Run 3: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 22:49:36 +0000
End at: Tue, 04 Jul 2017 22:50:06 +0000
Local clock offset: -0.07 ms
Remote clock offset: -1.193 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:22:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 122.31 Mbit/s
95th percentile per-packet one-way delay: 0.068 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 66.03 Mbit/s
95th percentile per-packet one-way delay: 0.028 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 40.01 Mbit/s
95th percentile per-packet one-way delay: 0.104 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 0.145 ms
Loss rate: 0.45%
```

Run 3: Report of Copa — Data Link

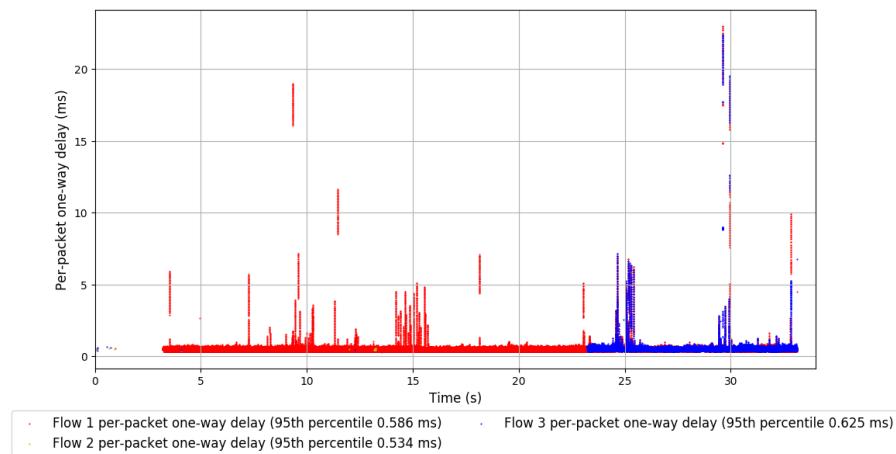
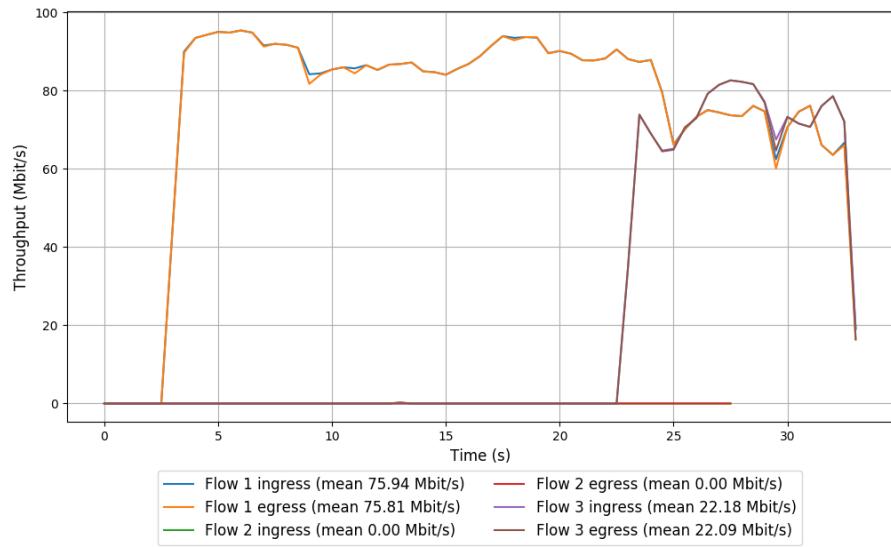


Run 4: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 23:10:23 +0000
End at: Tue, 04 Jul 2017 23:10:53 +0000
Local clock offset: -0.291 ms
Remote clock offset: -0.822 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:22:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.83 Mbit/s
95th percentile per-packet one-way delay: 0.596 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 75.81 Mbit/s
95th percentile per-packet one-way delay: 0.586 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.534 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.09 Mbit/s
95th percentile per-packet one-way delay: 0.625 ms
Loss rate: 0.43%
```

Run 4: Report of Copa — Data Link

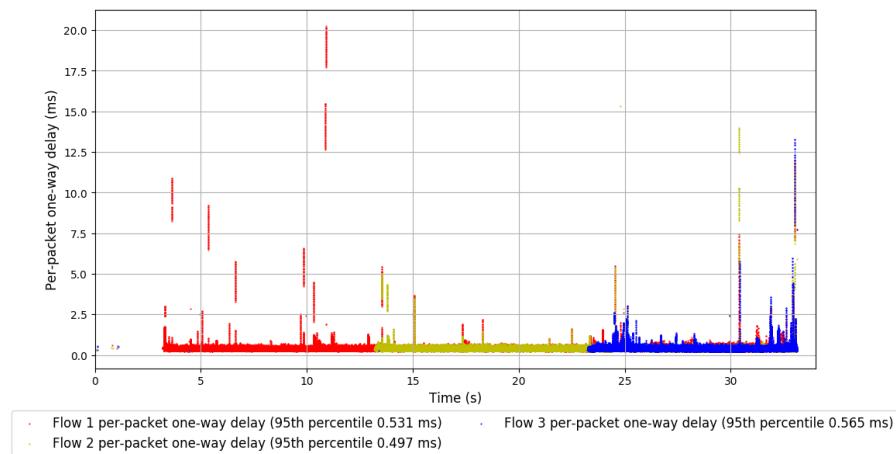
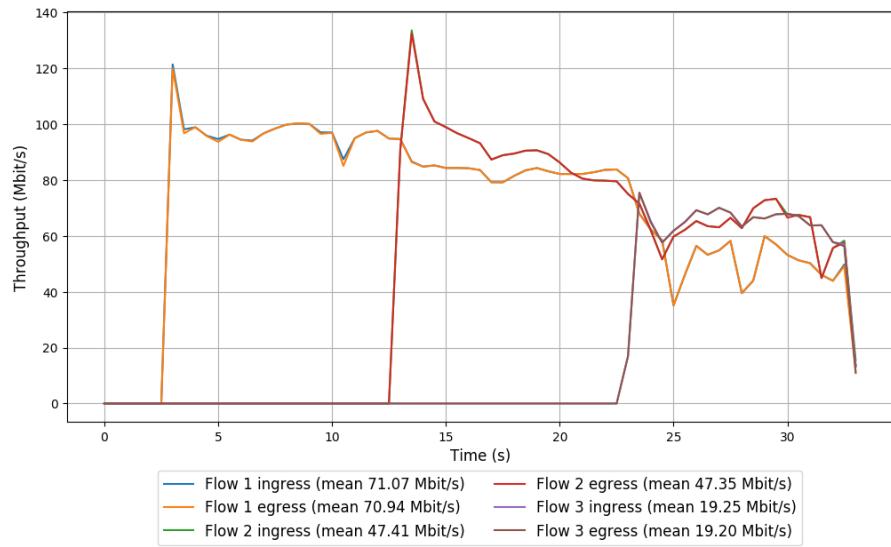


Run 5: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 23:31:08 +0000
End at: Tue, 04 Jul 2017 23:31:38 +0000
Local clock offset: -0.3 ms
Remote clock offset: -1.047 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:23:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 137.36 Mbit/s
95th percentile per-packet one-way delay: 0.523 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 70.94 Mbit/s
95th percentile per-packet one-way delay: 0.531 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 47.35 Mbit/s
95th percentile per-packet one-way delay: 0.497 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 19.20 Mbit/s
95th percentile per-packet one-way delay: 0.565 ms
Loss rate: 0.30%
```

Run 5: Report of Copa — Data Link

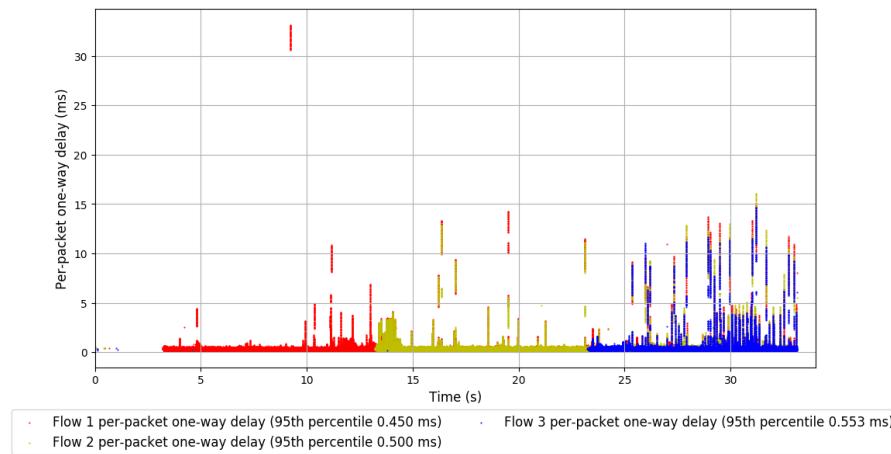
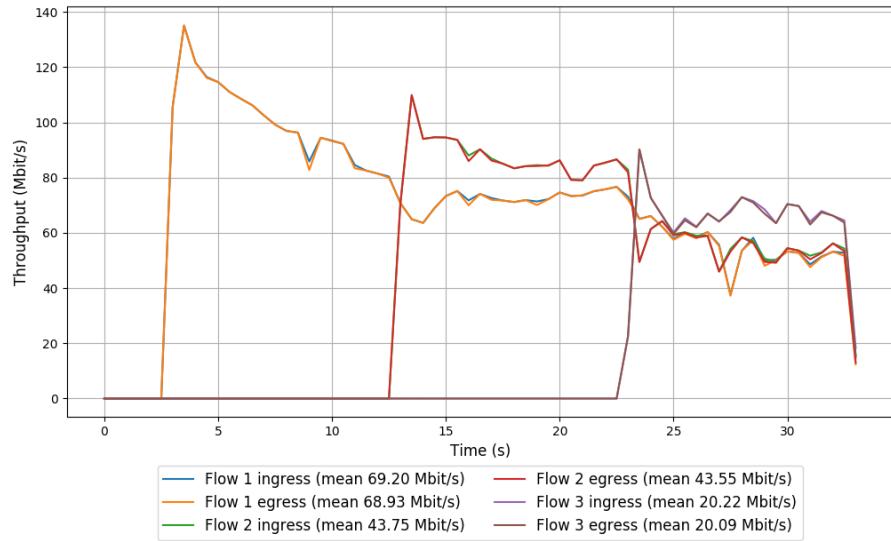


Run 6: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 23:51:51 +0000
End at: Tue, 04 Jul 2017 23:52:22 +0000
Local clock offset: -0.238 ms
Remote clock offset: -1.018 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:23:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 132.44 Mbit/s
95th percentile per-packet one-way delay: 0.479 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 68.93 Mbit/s
95th percentile per-packet one-way delay: 0.450 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 43.55 Mbit/s
95th percentile per-packet one-way delay: 0.500 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 0.553 ms
Loss rate: 0.70%
```

Run 6: Report of Copa — Data Link

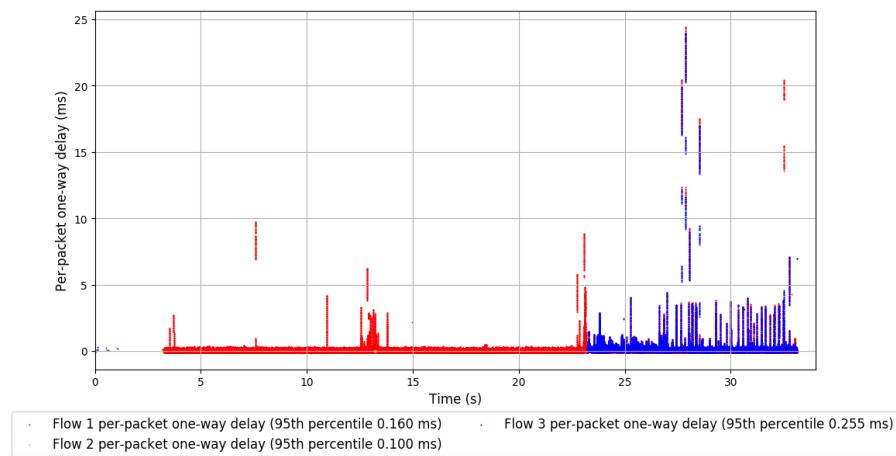
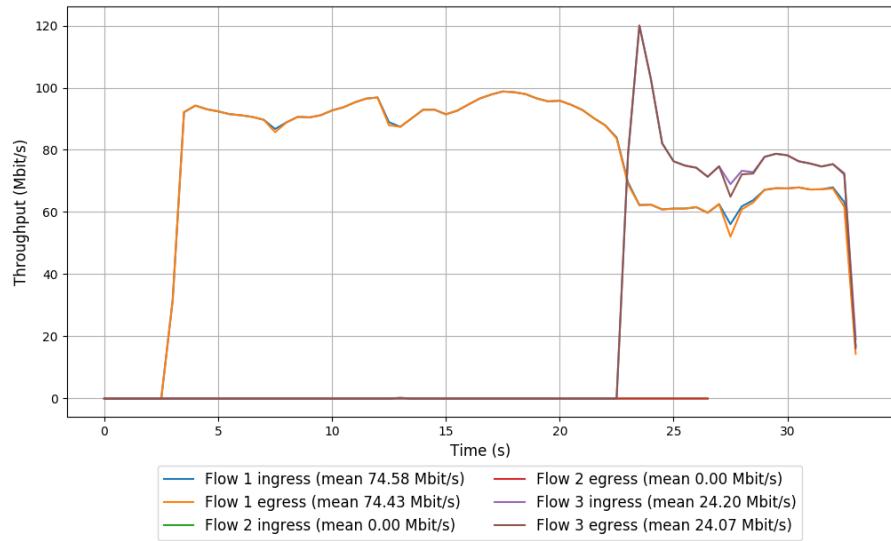


Run 7: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 00:12:40 +0000
End at: Wed, 05 Jul 2017 00:13:10 +0000
Local clock offset: -0.009 ms
Remote clock offset: -1.131 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:23:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 98.41 Mbit/s
95th percentile per-packet one-way delay: 0.184 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 74.43 Mbit/s
95th percentile per-packet one-way delay: 0.160 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.100 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.07 Mbit/s
95th percentile per-packet one-way delay: 0.255 ms
Loss rate: 0.56%
```

Run 7: Report of Copa — Data Link

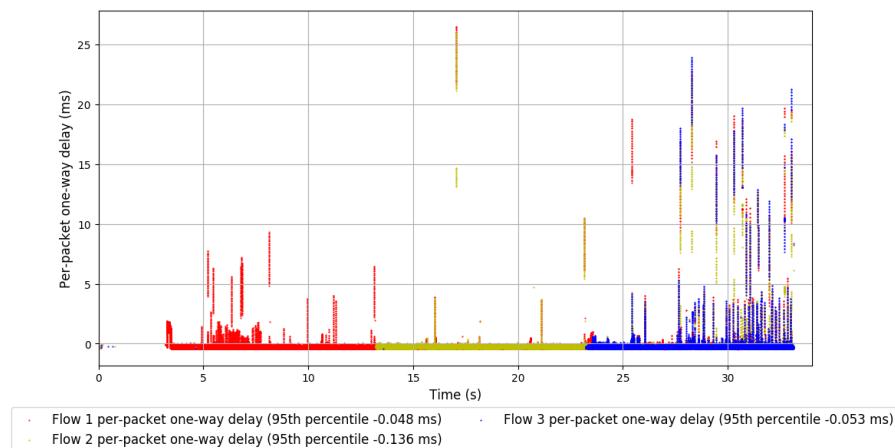
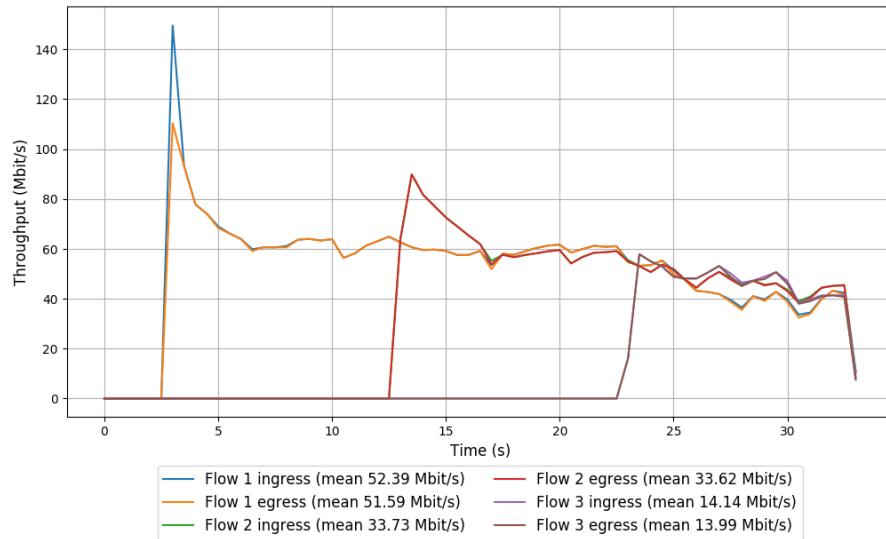


Run 8: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 00:33:22 +0000
End at: Wed, 05 Jul 2017 00:33:52 +0000
Local clock offset: 0.386 ms
Remote clock offset: -1.061 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:23:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.10 Mbit/s
95th percentile per-packet one-way delay: -0.098 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 51.59 Mbit/s
95th percentile per-packet one-way delay: -0.048 ms
Loss rate: 1.55%
-- Flow 2:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: -0.136 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 13.99 Mbit/s
95th percentile per-packet one-way delay: -0.053 ms
Loss rate: 1.04%
```

Run 8: Report of Copa — Data Link

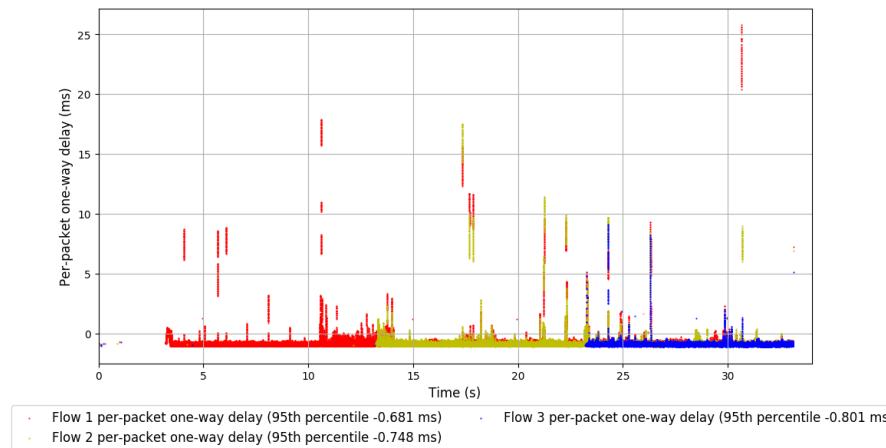
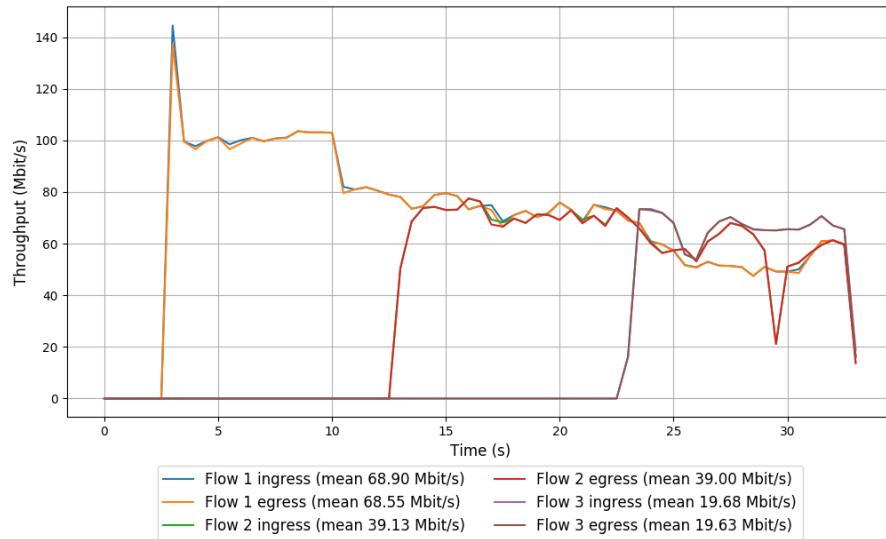


Run 9: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 00:53:52 +0000
End at: Wed, 05 Jul 2017 00:54:22 +0000
Local clock offset: 0.567 ms
Remote clock offset: -1.367 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:24:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 127.06 Mbit/s
95th percentile per-packet one-way delay: -0.728 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 68.55 Mbit/s
95th percentile per-packet one-way delay: -0.681 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: -0.748 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 19.63 Mbit/s
95th percentile per-packet one-way delay: -0.801 ms
Loss rate: 0.25%
```

Run 9: Report of Copa — Data Link

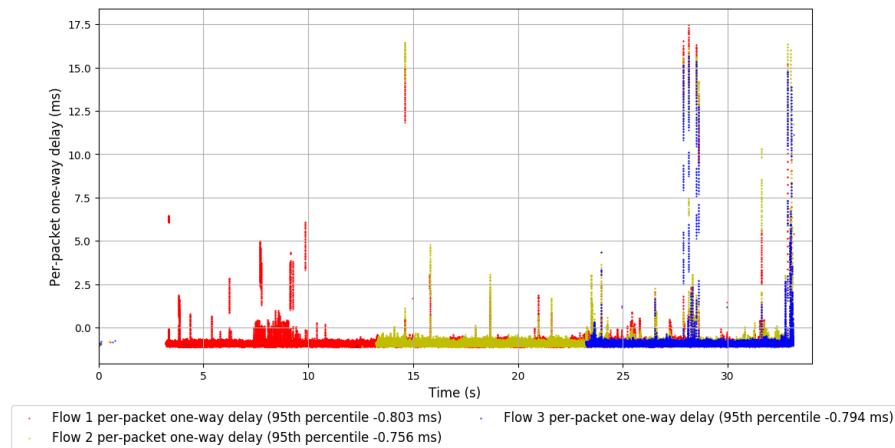
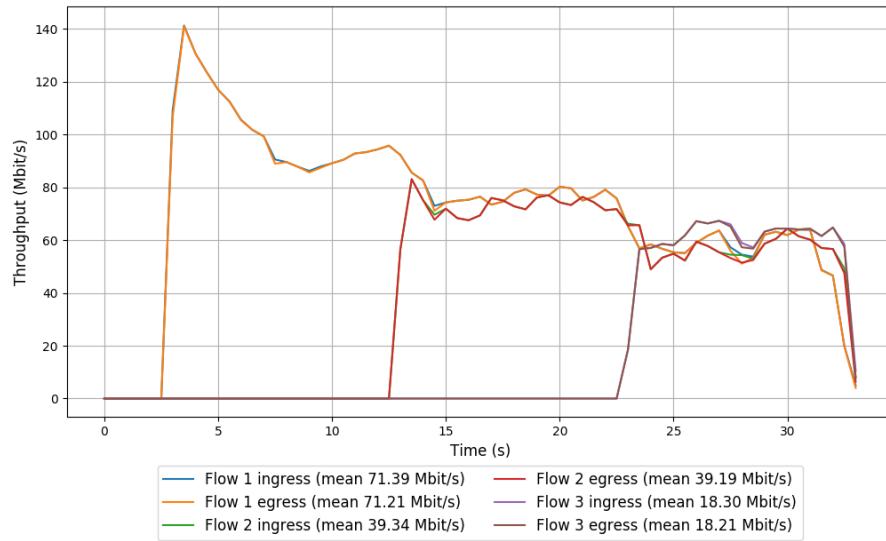


Run 10: Statistics of Copa

```
Start at: Wed, 05 Jul 2017 01:14:30 +0000
End at: Wed, 05 Jul 2017 01:15:00 +0000
Local clock offset: 0.628 ms
Remote clock offset: -1.536 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:24:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 128.49 Mbit/s
95th percentile per-packet one-way delay: -0.785 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 71.21 Mbit/s
95th percentile per-packet one-way delay: -0.803 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: -0.756 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 18.21 Mbit/s
95th percentile per-packet one-way delay: -0.794 ms
Loss rate: 0.52%
```

Run 10: Report of Copa — Data Link

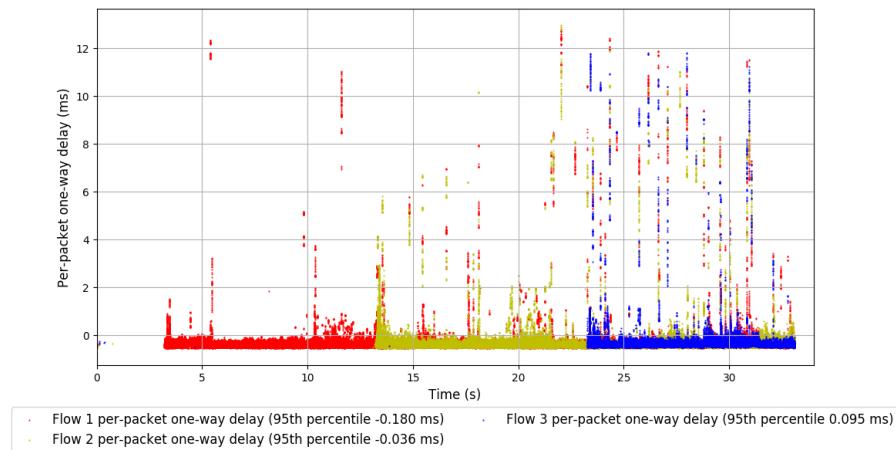
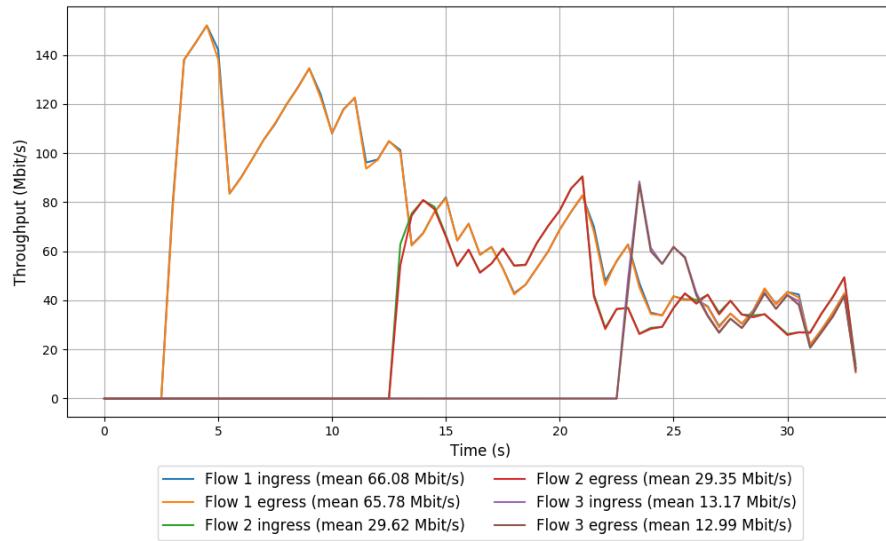


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Tue, 04 Jul 2017 22:06:52 +0000
End at: Tue, 04 Jul 2017 22:07:22 +0000
Local clock offset: -0.006 ms
Remote clock offset: -1.618 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:24:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 108.03 Mbit/s
95th percentile per-packet one-way delay: -0.123 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 65.78 Mbit/s
95th percentile per-packet one-way delay: -0.180 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: -0.036 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 0.095 ms
Loss rate: 1.40%
```

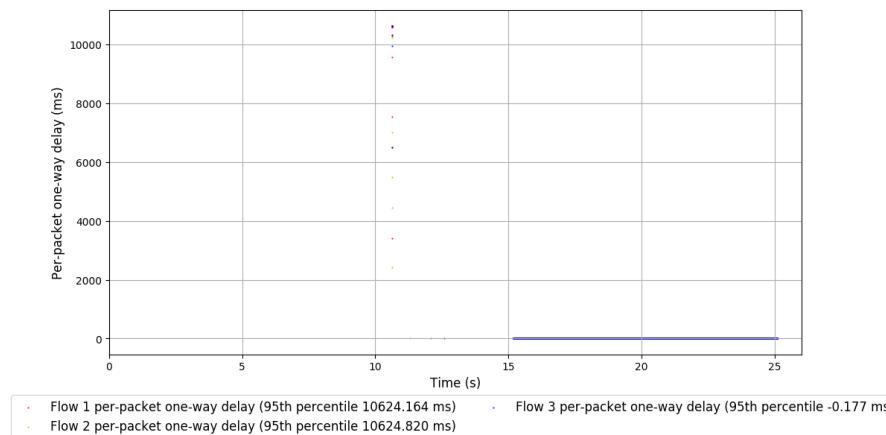
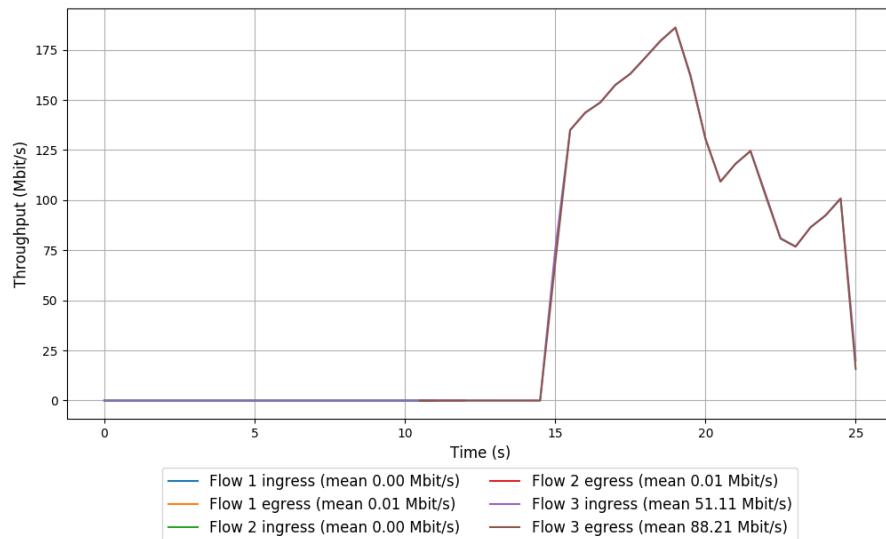
Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Tue, 04 Jul 2017 22:27:42 +0000
End at: Tue, 04 Jul 2017 22:28:12 +0000
Local clock offset: -0.055 ms
Remote clock offset: -1.565 ms

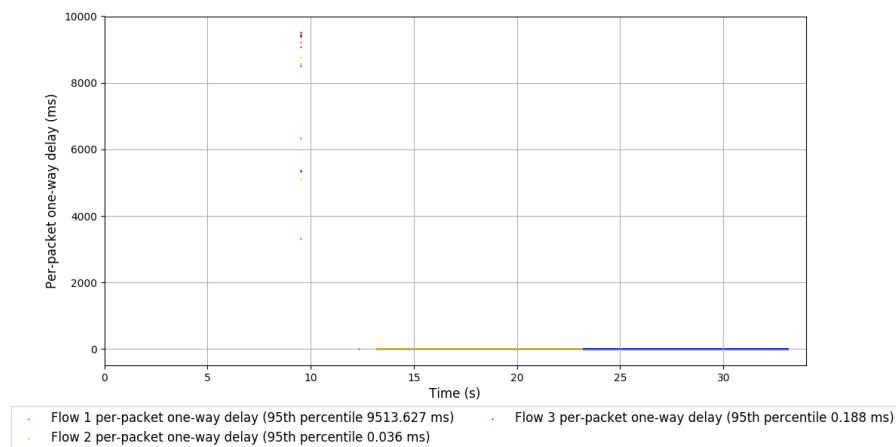
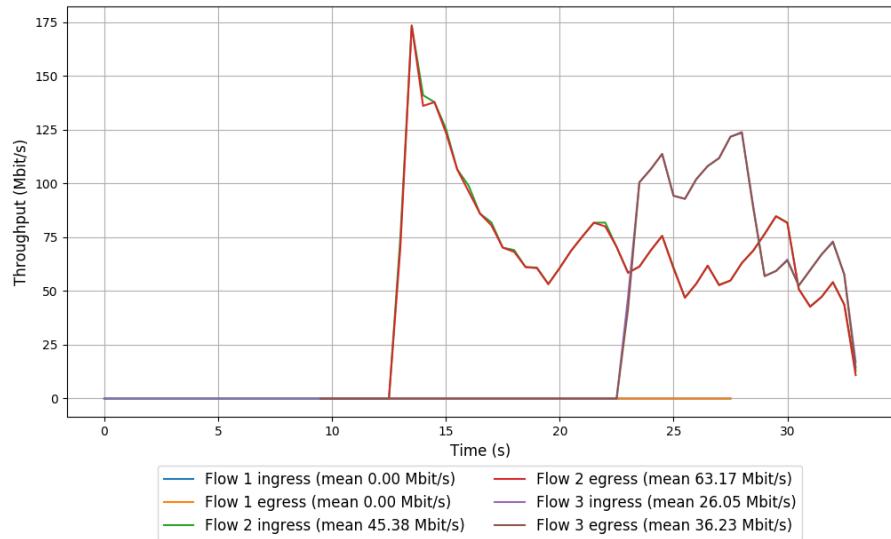
Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Tue, 04 Jul 2017 22:48:22 +0000
End at: Tue, 04 Jul 2017 22:48:52 +0000
Local clock offset: 0.04 ms
Remote clock offset: -1.275 ms

Run 3: Report of TCP Cubic — Data Link

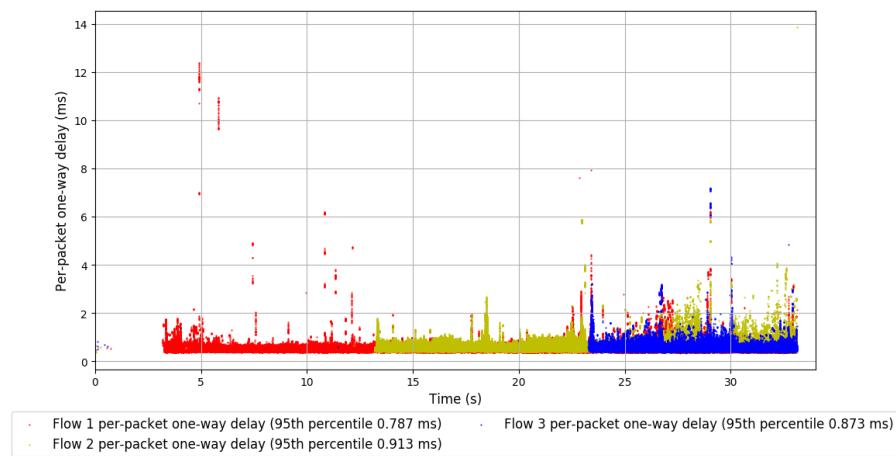
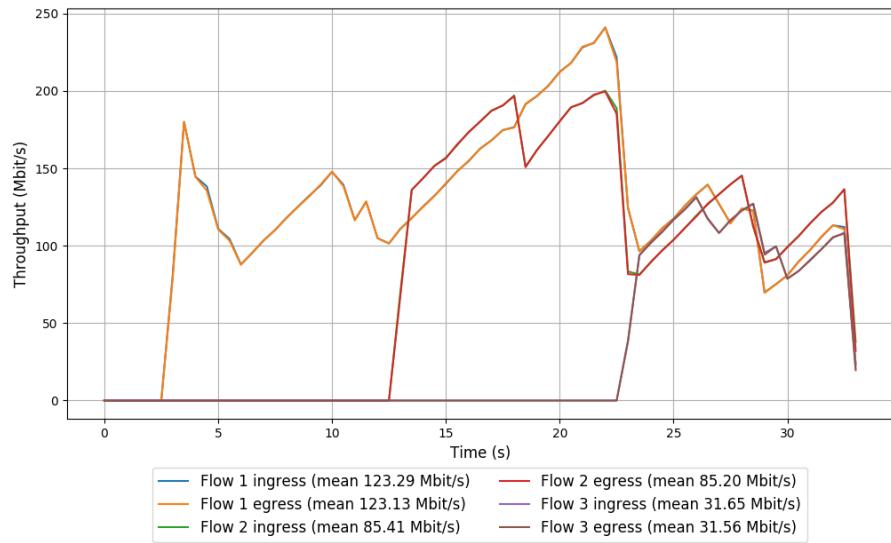


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 23:09:00 +0000
End at: Tue, 04 Jul 2017 23:09:30 +0000
Local clock offset: -0.216 ms
Remote clock offset: -0.82 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:25:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.61 Mbit/s
95th percentile per-packet one-way delay: 0.848 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 123.13 Mbit/s
95th percentile per-packet one-way delay: 0.787 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 85.20 Mbit/s
95th percentile per-packet one-way delay: 0.913 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.56 Mbit/s
95th percentile per-packet one-way delay: 0.873 ms
Loss rate: 0.31%
```

Run 4: Report of TCP Cubic — Data Link

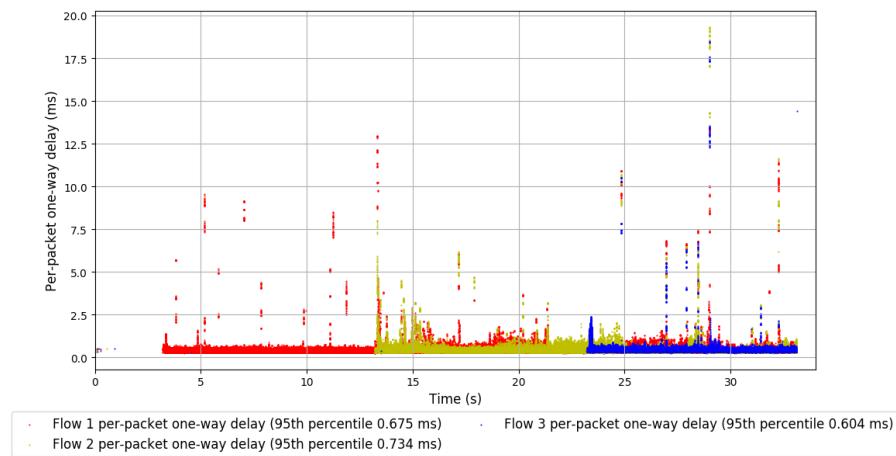
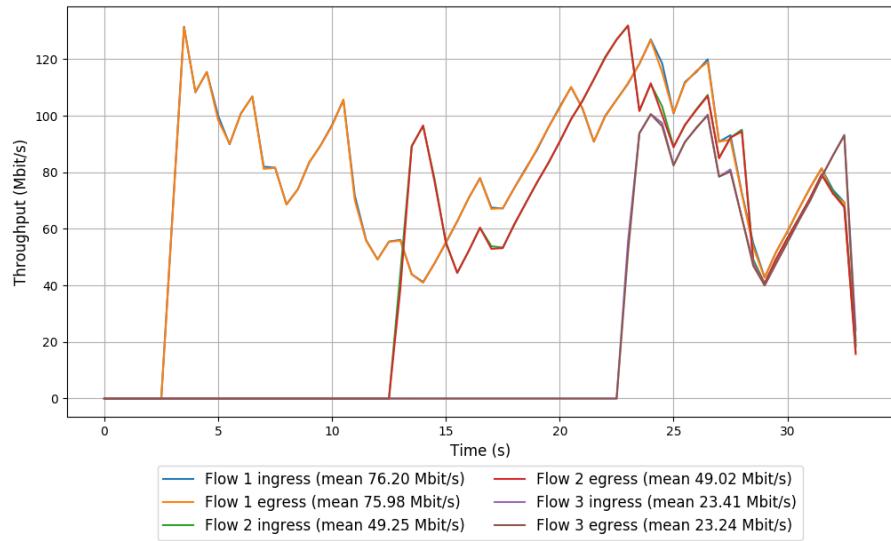


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 23:29:49 +0000
End at: Tue, 04 Jul 2017 23:30:19 +0000
Local clock offset: -0.404 ms
Remote clock offset: -1.062 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:25:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 148.03 Mbit/s
95th percentile per-packet one-way delay: 0.681 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 0.675 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 49.02 Mbit/s
95th percentile per-packet one-way delay: 0.734 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 23.24 Mbit/s
95th percentile per-packet one-way delay: 0.604 ms
Loss rate: 0.73%
```

Run 5: Report of TCP Cubic — Data Link

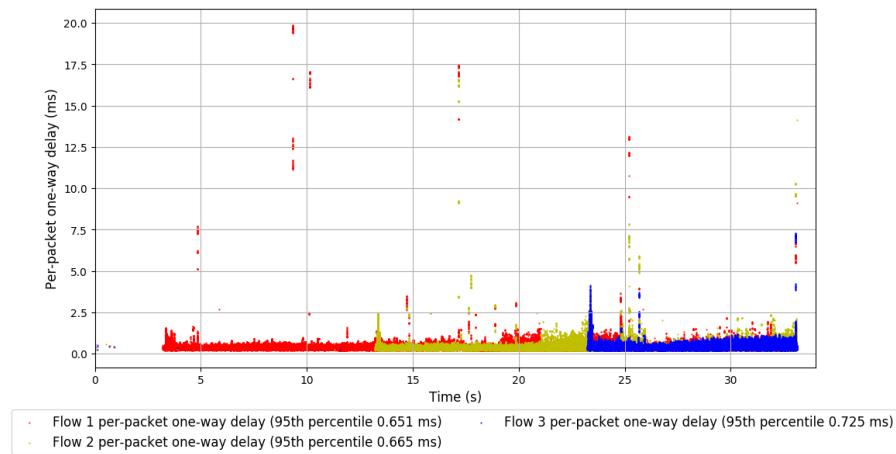
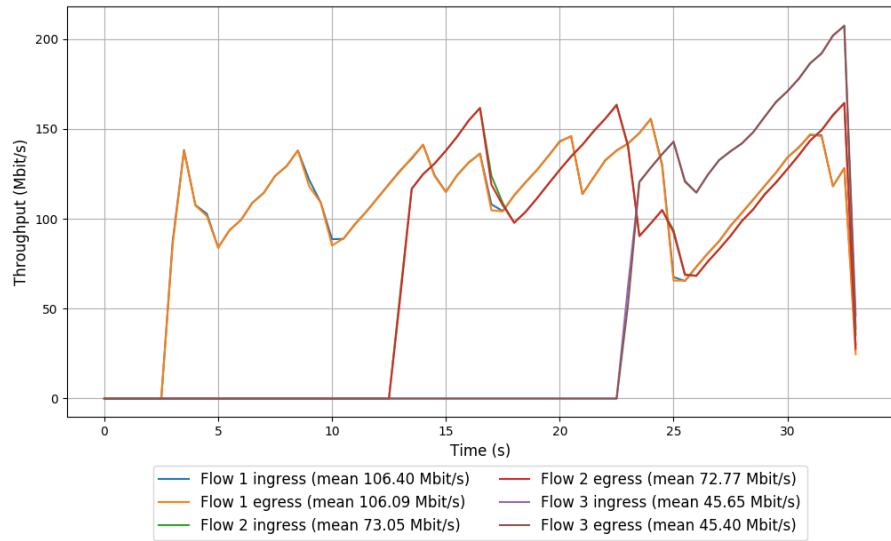


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 23:50:29 +0000
End at: Tue, 04 Jul 2017 23:50:59 +0000
Local clock offset: -0.262 ms
Remote clock offset: -1.032 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:25:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 223.96 Mbit/s
95th percentile per-packet one-way delay: 0.679 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 106.09 Mbit/s
95th percentile per-packet one-way delay: 0.651 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 72.77 Mbit/s
95th percentile per-packet one-way delay: 0.665 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 0.725 ms
Loss rate: 0.60%
```

Run 6: Report of TCP Cubic — Data Link

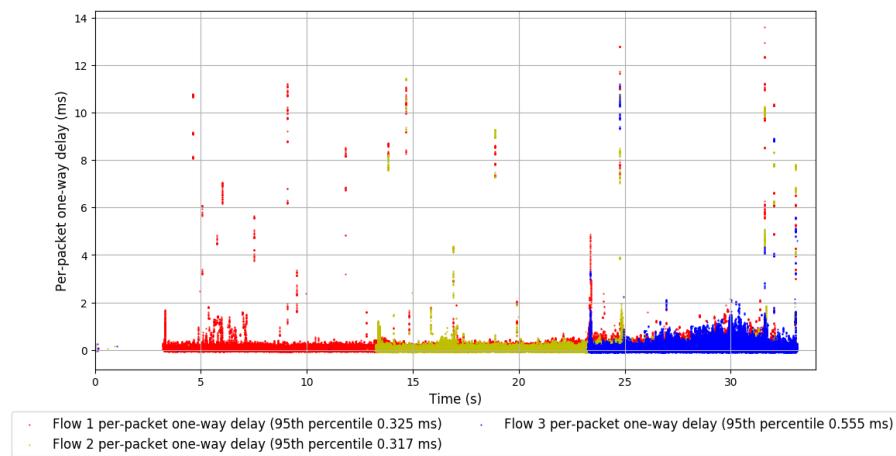
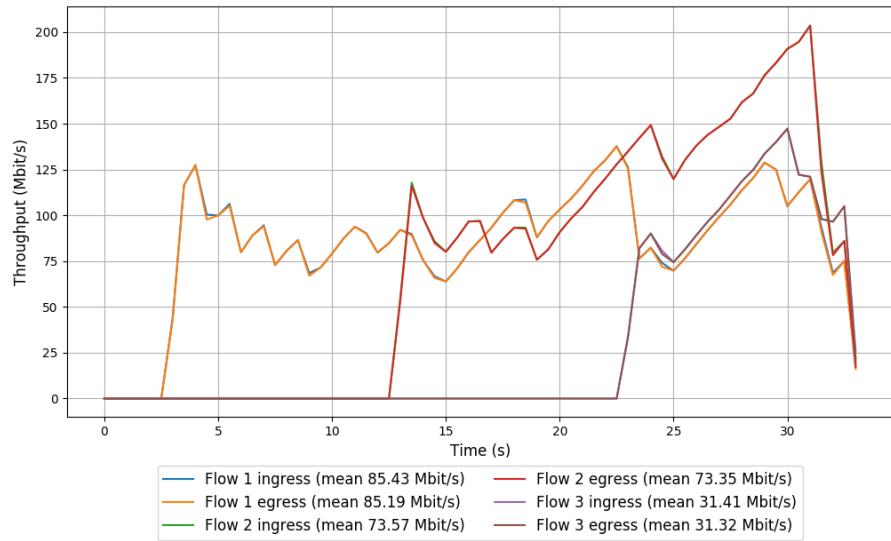


Run 7: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 00:11:19 +0000
End at: Wed, 05 Jul 2017 00:11:49 +0000
Local clock offset: -0.097 ms
Remote clock offset: -1.14 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:25:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 189.55 Mbit/s
95th percentile per-packet one-way delay: 0.365 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 0.325 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 73.35 Mbit/s
95th percentile per-packet one-way delay: 0.317 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 0.555 ms
Loss rate: 0.32%
```

Run 7: Report of TCP Cubic — Data Link

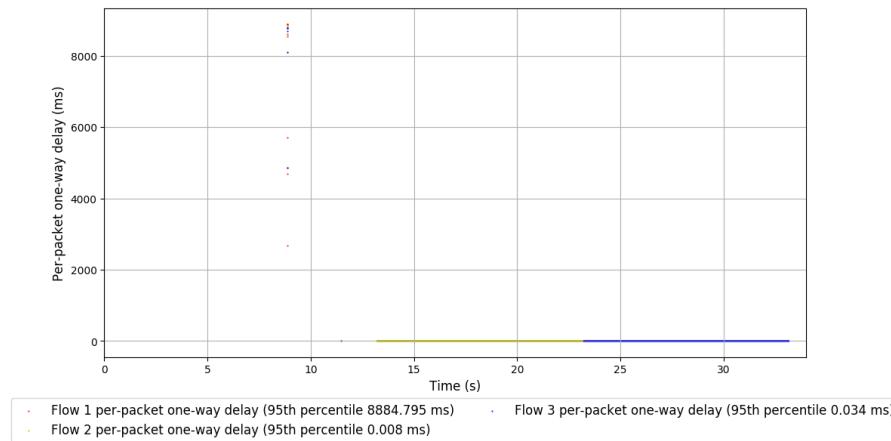
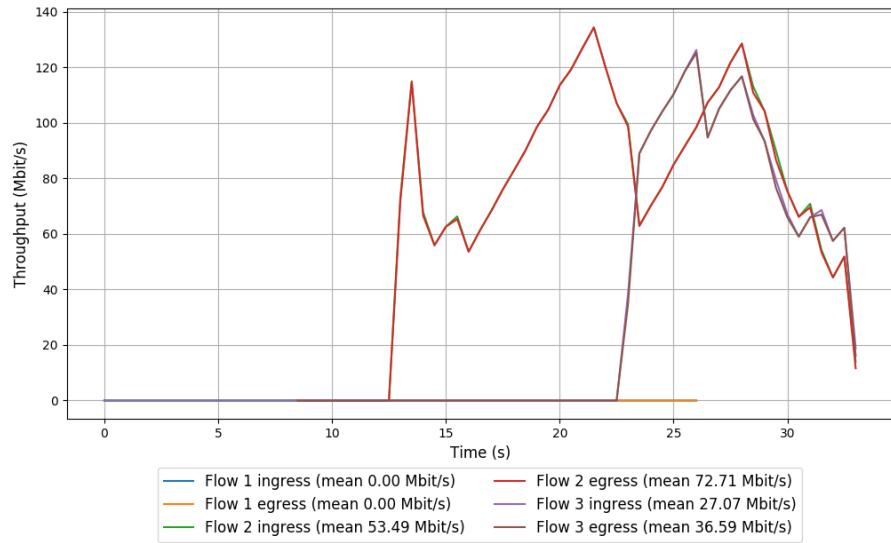


Run 8: Statistics of TCP Cubic

```
Start at: Wed, 05 Jul 2017 00:32:07 +0000
End at: Wed, 05 Jul 2017 00:32:37 +0000
Local clock offset: 0.374 ms
Remote clock offset: -0.992 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:25:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 109.29 Mbit/s
95th percentile per-packet one-way delay: 0.016 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8884.795 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.71 Mbit/s
95th percentile per-packet one-way delay: 0.008 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 36.59 Mbit/s
95th percentile per-packet one-way delay: 0.034 ms
Loss rate: 0.83%
```

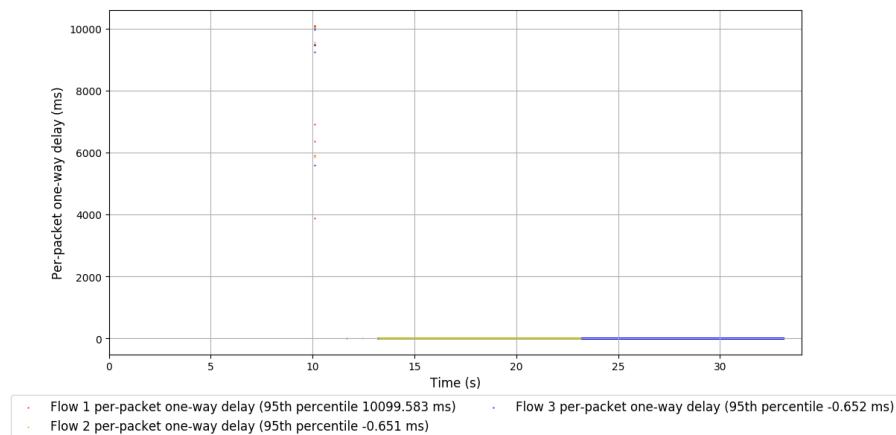
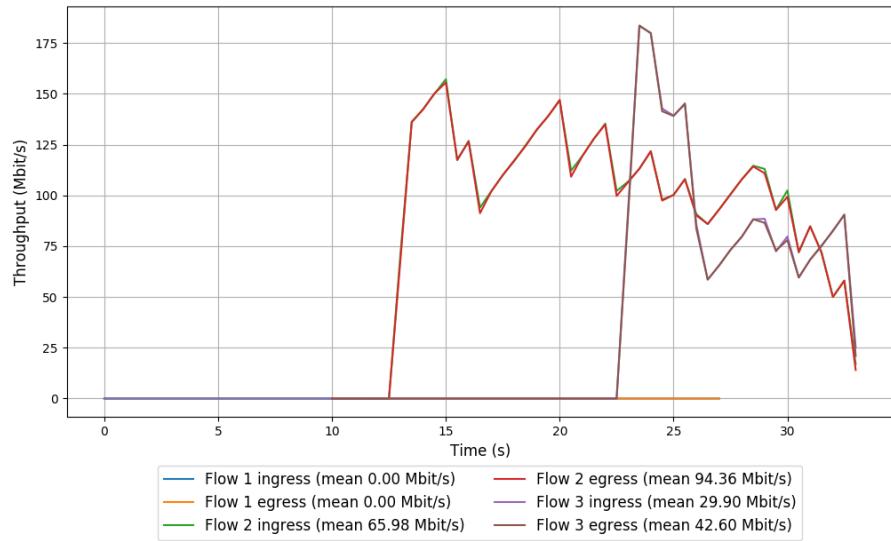
Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 00:52:36 +0000
End at: Wed, 05 Jul 2017 00:53:06 +0000
Local clock offset: 0.543 ms
Remote clock offset: -1.387 ms

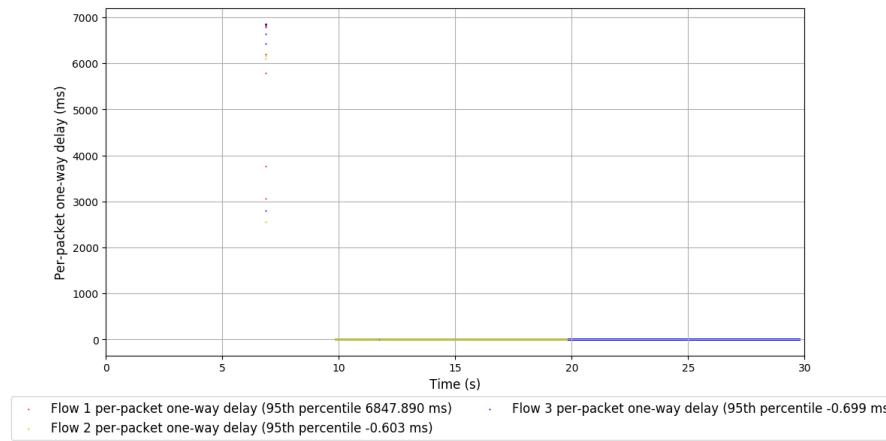
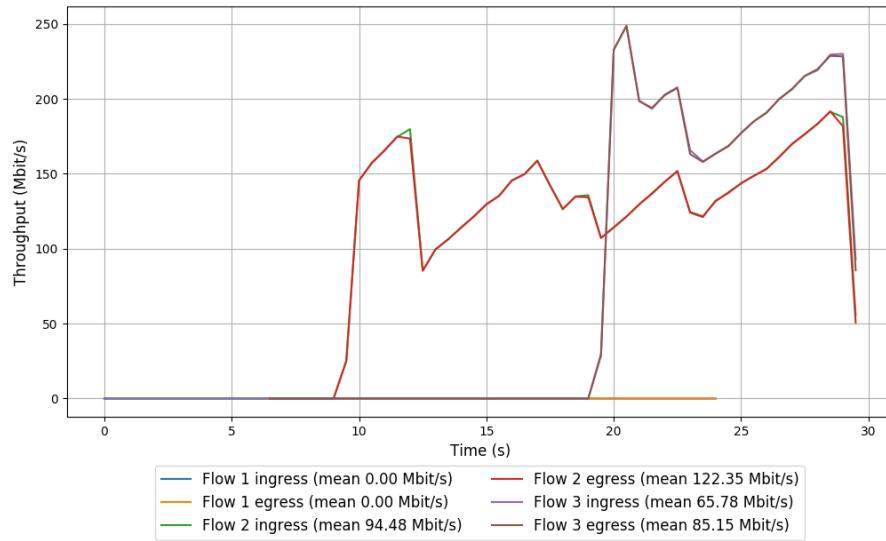
Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Wed, 05 Jul 2017 01:13:11 +0000
End at: Wed, 05 Jul 2017 01:13:41 +0000
Local clock offset: 0.626 ms
Remote clock offset: -1.466 ms

Run 10: Report of TCP Cubic — Data Link

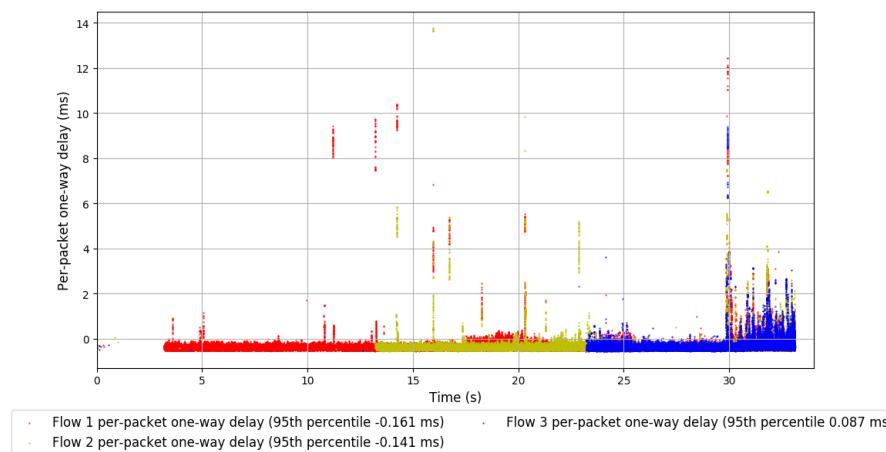
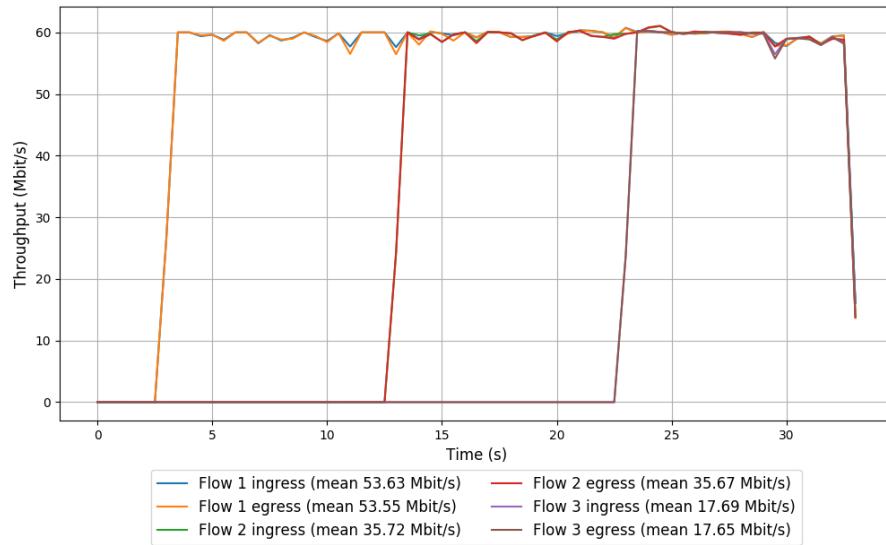


```
Run 1: Statistics of KohoCC
```

```
Start at: Tue, 04 Jul 2017 22:09:33 +0000
End at: Tue, 04 Jul 2017 22:10:03 +0000
Local clock offset: 0.008 ms
Remote clock offset: -1.489 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:26:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 106.76 Mbit/s
95th percentile per-packet one-way delay: -0.124 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 53.55 Mbit/s
95th percentile per-packet one-way delay: -0.161 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: -0.141 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 17.65 Mbit/s
95th percentile per-packet one-way delay: 0.087 ms
Loss rate: 0.26%
```

Run 1: Report of KohoCC — Data Link

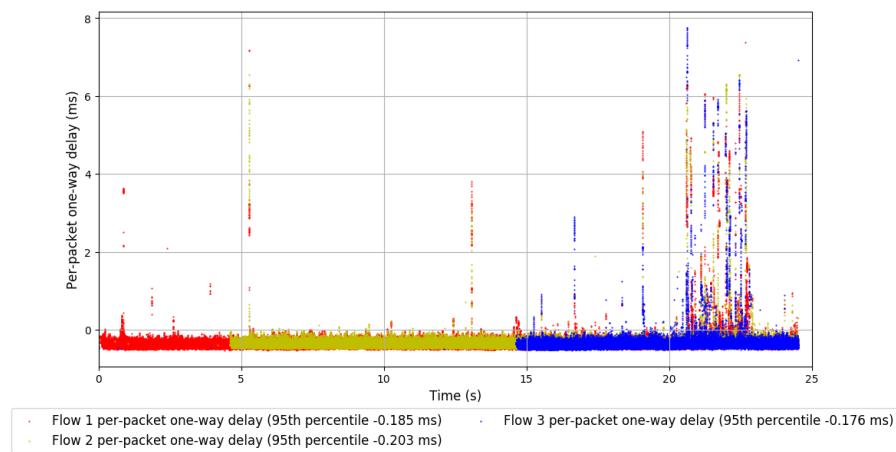
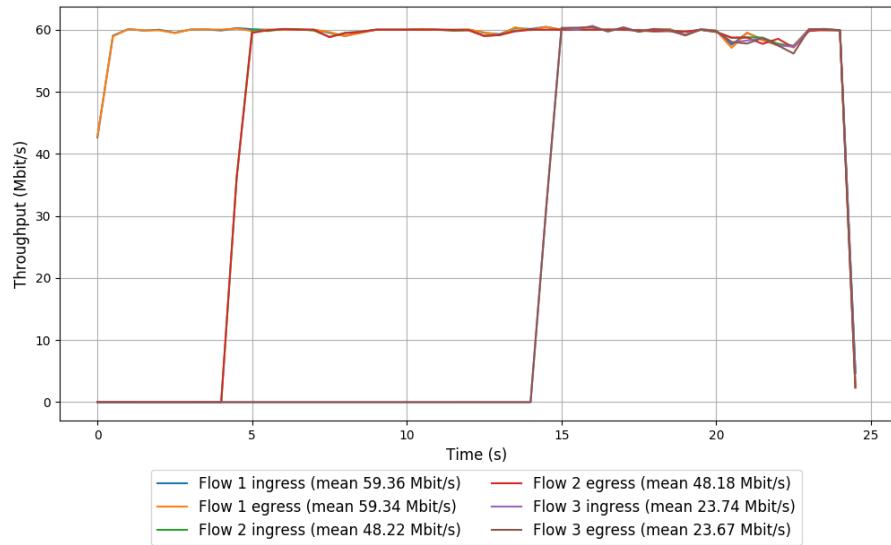


Run 2: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 22:30:18 +0000
End at: Tue, 04 Jul 2017 22:30:48 +0000
Local clock offset: 0.029 ms
Remote clock offset: -1.431 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:26:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 131.18 Mbit/s
95th percentile per-packet one-way delay: -0.191 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.34 Mbit/s
95th percentile per-packet one-way delay: -0.185 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.18 Mbit/s
95th percentile per-packet one-way delay: -0.203 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 23.67 Mbit/s
95th percentile per-packet one-way delay: -0.176 ms
Loss rate: 0.33%
```

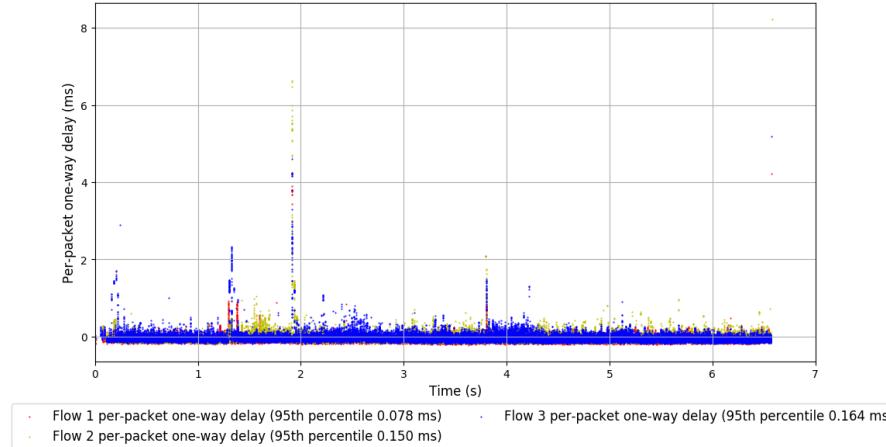
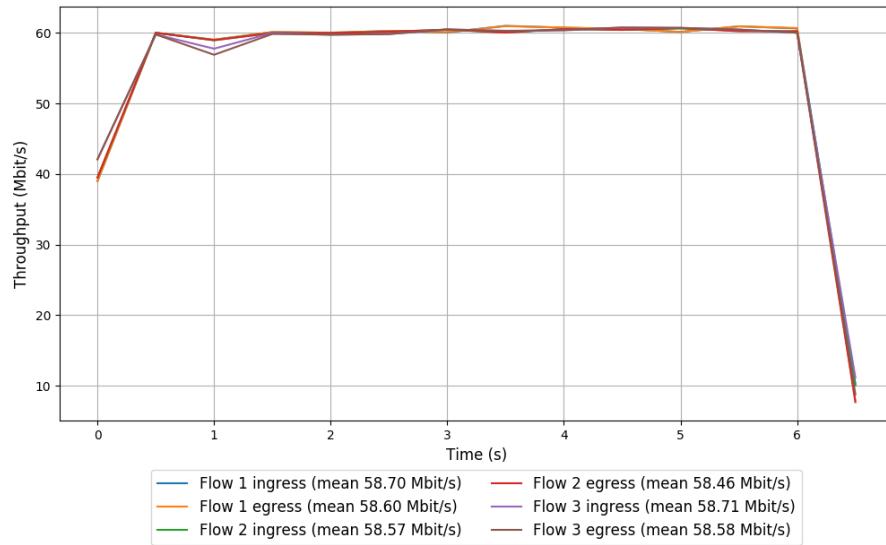
Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Tue, 04 Jul 2017 22:50:59 +0000
End at: Tue, 04 Jul 2017 22:51:29 +0000
Local clock offset: 0.014 ms
Remote clock offset: -1.243 ms

Run 3: Report of KohoCC — Data Link

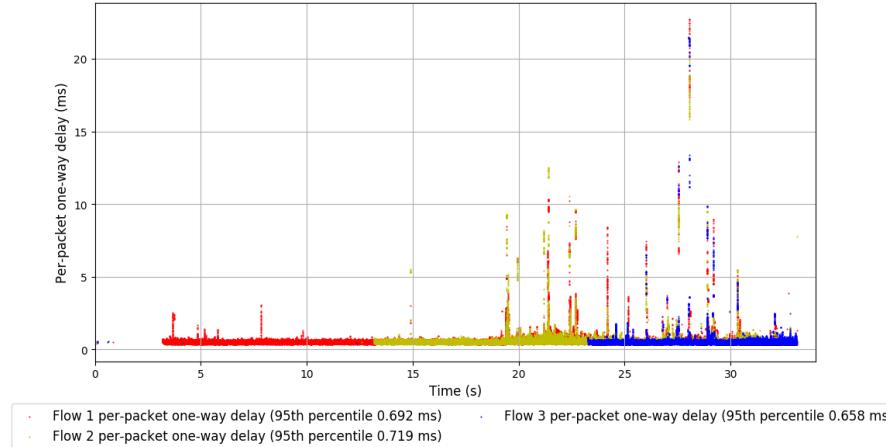
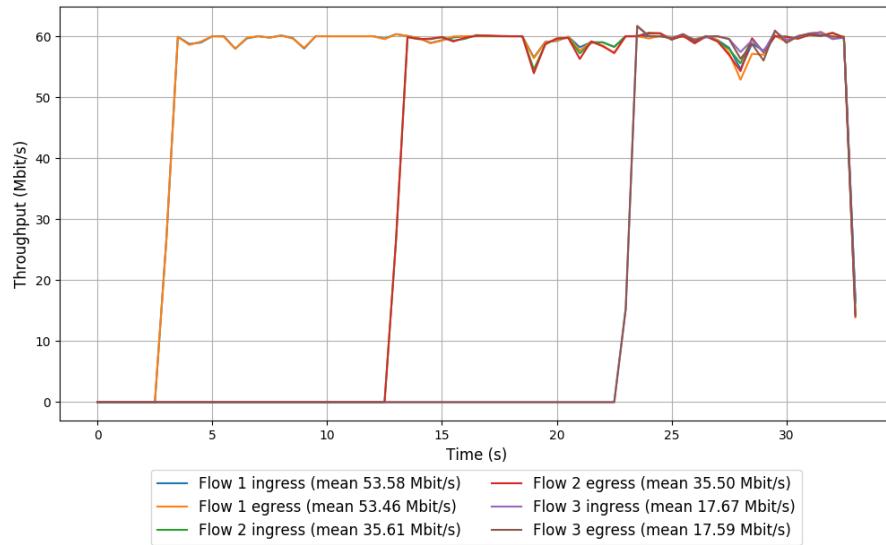


Run 4: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 23:11:43 +0000
End at: Tue, 04 Jul 2017 23:12:13 +0000
Local clock offset: -0.236 ms
Remote clock offset: -0.831 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:26:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 106.43 Mbit/s
95th percentile per-packet one-way delay: 0.696 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 53.46 Mbit/s
95th percentile per-packet one-way delay: 0.692 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 0.719 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 17.59 Mbit/s
95th percentile per-packet one-way delay: 0.658 ms
Loss rate: 0.49%
```

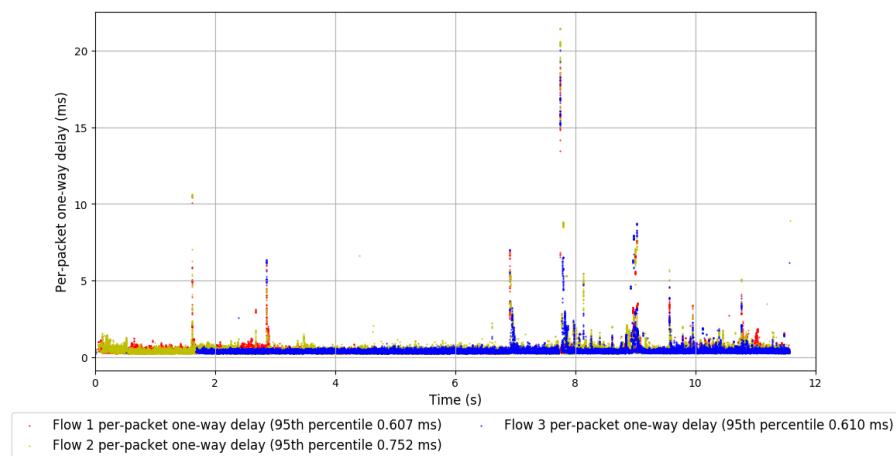
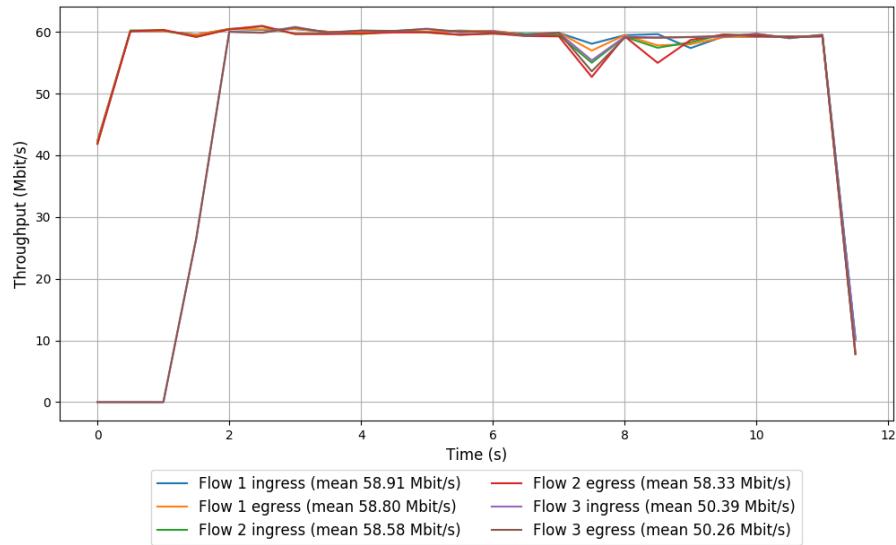
Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Tue, 04 Jul 2017 23:32:32 +0000
End at: Tue, 04 Jul 2017 23:33:02 +0000
Local clock offset: -0.378 ms
Remote clock offset: -0.987 ms

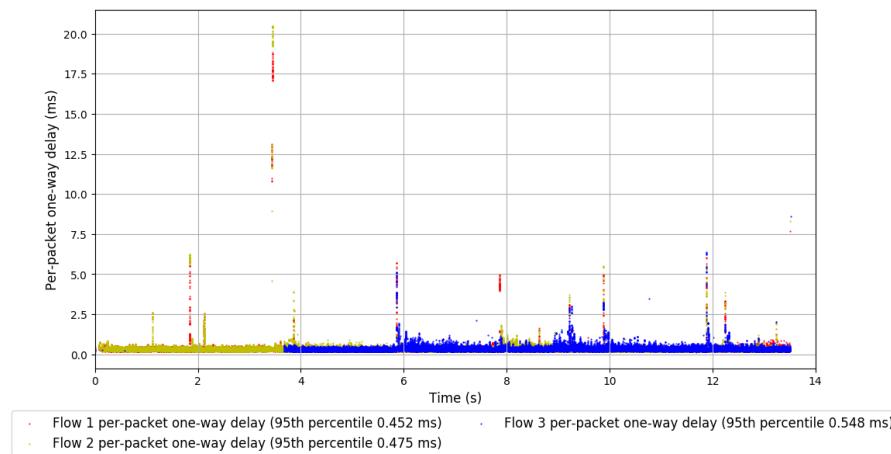
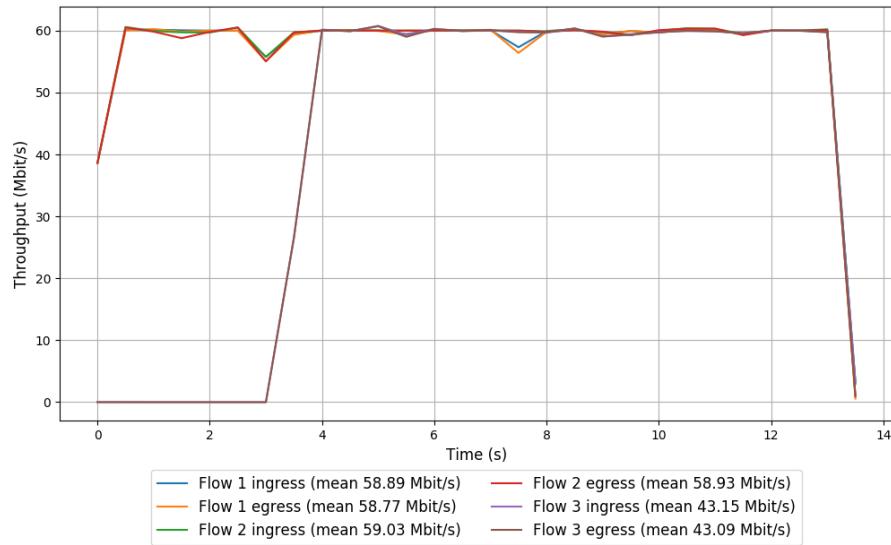
Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Tue, 04 Jul 2017 23:53:15 +0000
End at: Tue, 04 Jul 2017 23:53:45 +0000
Local clock offset: -0.247 ms
Remote clock offset: -0.959 ms

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

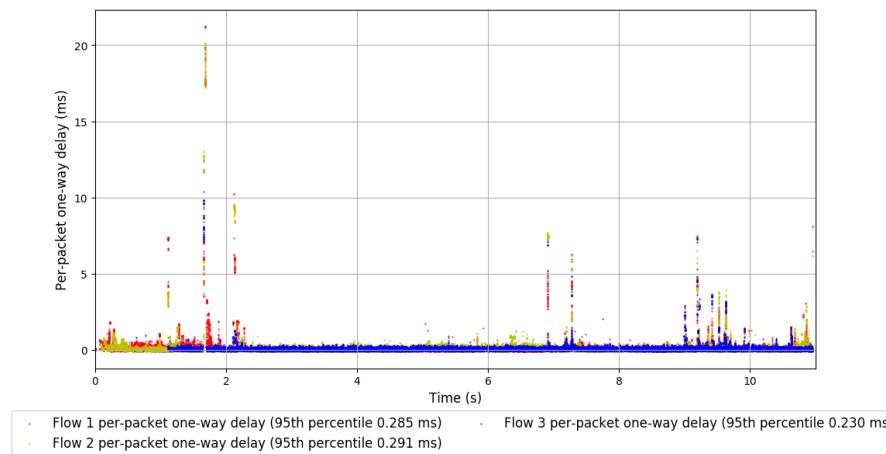
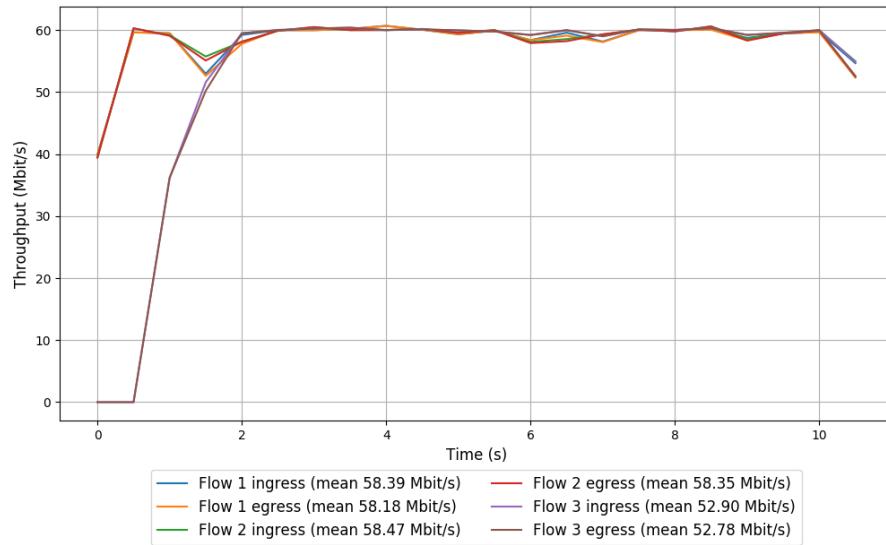
Start at: Wed, 05 Jul 2017 00:14:00 +0000

End at: Wed, 05 Jul 2017 00:14:30 +0000

Local clock offset: -0.093 ms

Remote clock offset: -1.099 ms

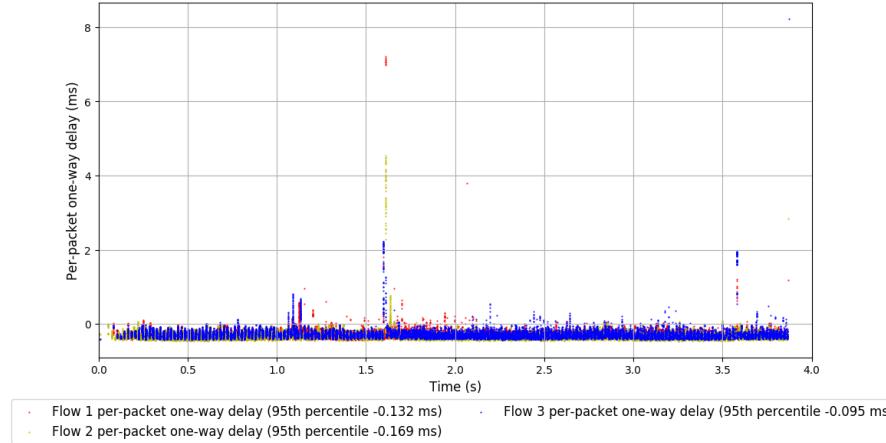
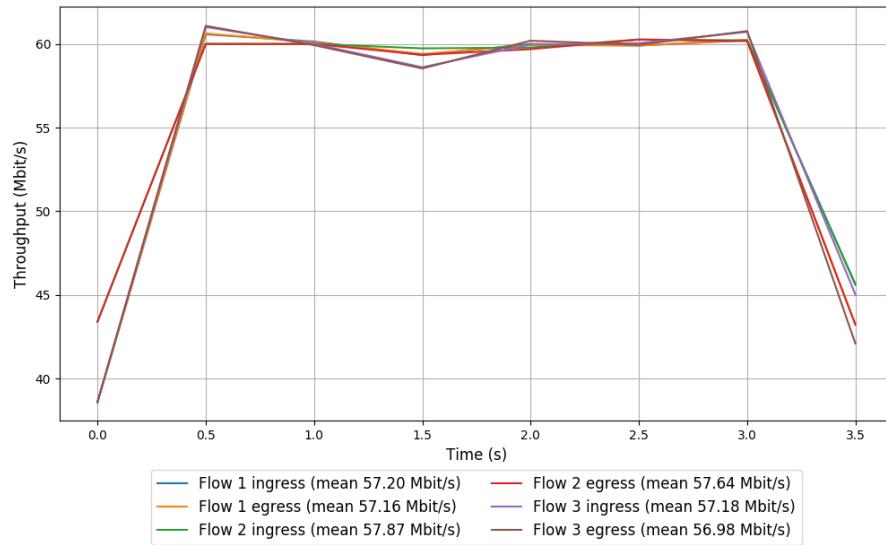
Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 00:34:42 +0000
End at: Wed, 05 Jul 2017 00:35:12 +0000
Local clock offset: 0.334 ms
Remote clock offset: -1.066 ms

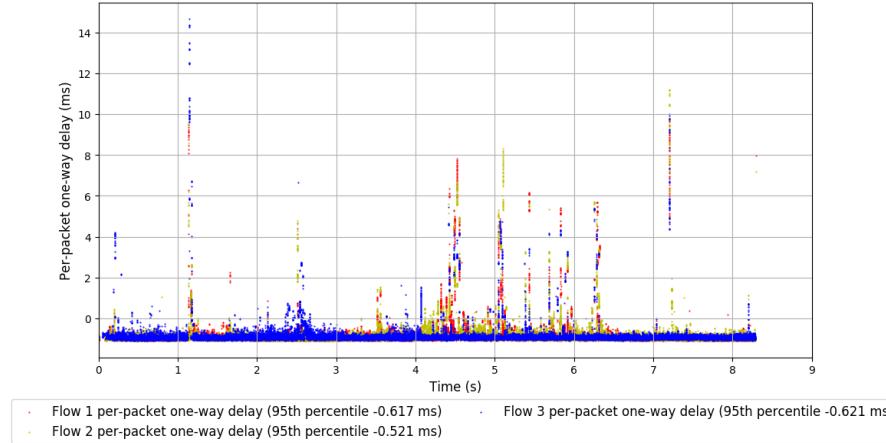
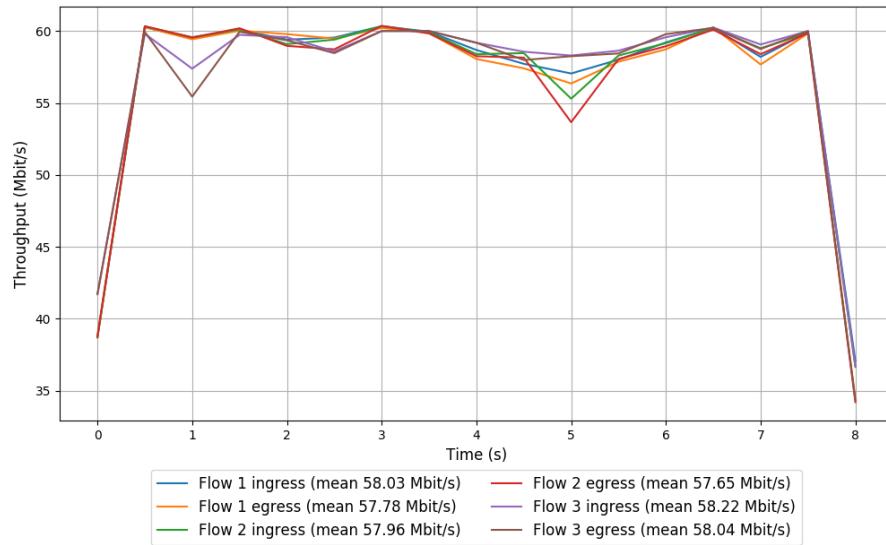
Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 00:55:15 +0000
End at: Wed, 05 Jul 2017 00:55:45 +0000
Local clock offset: 0.658 ms
Remote clock offset: -1.388 ms

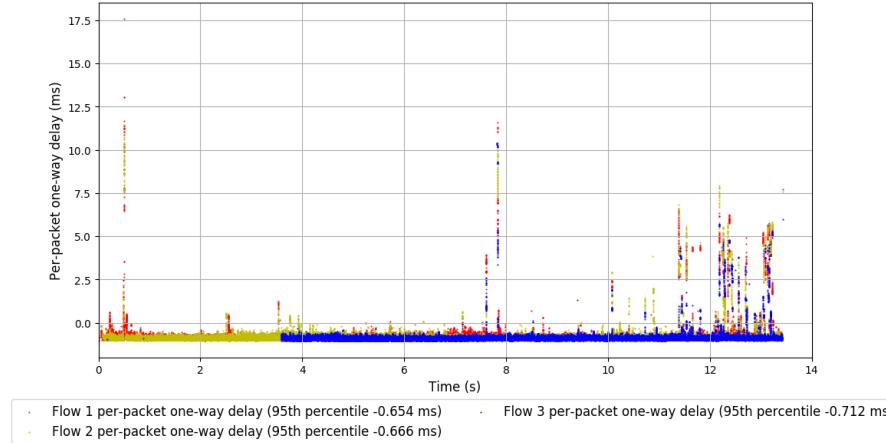
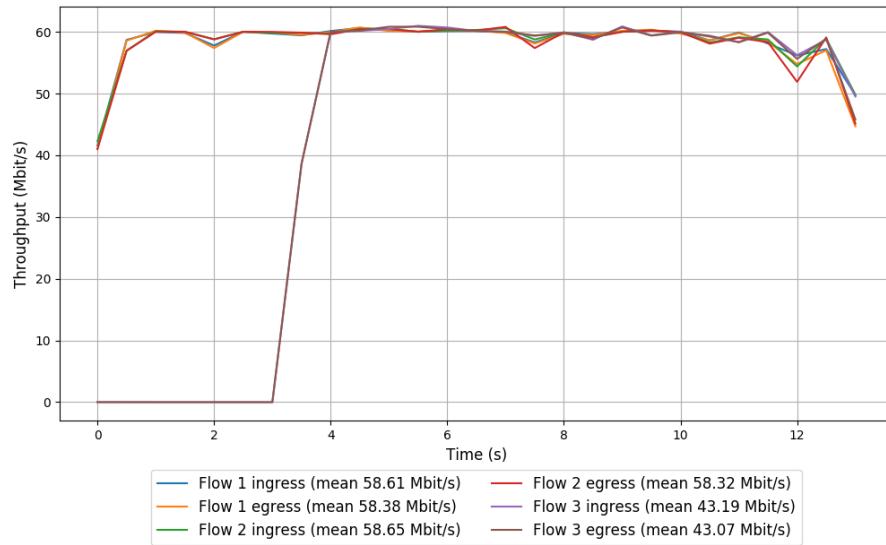
Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Wed, 05 Jul 2017 01:15:53 +0000
End at: Wed, 05 Jul 2017 01:16:23 +0000
Local clock offset: 0.512 ms
Remote clock offset: -1.514 ms

Run 10: Report of KohoCC — Data Link

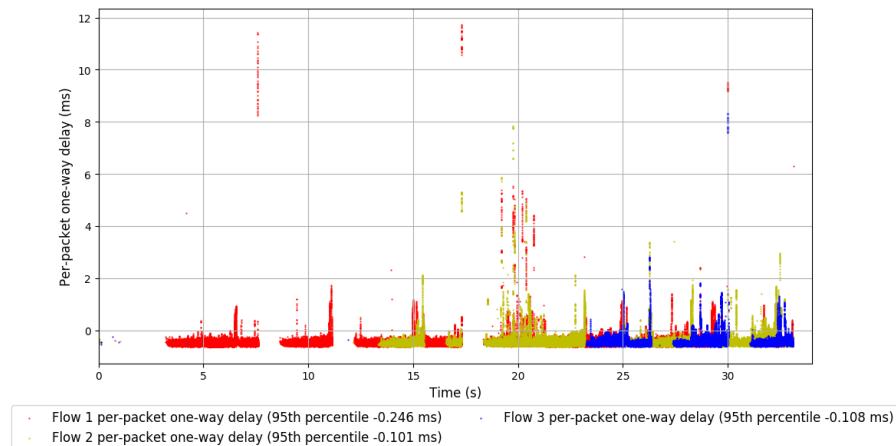
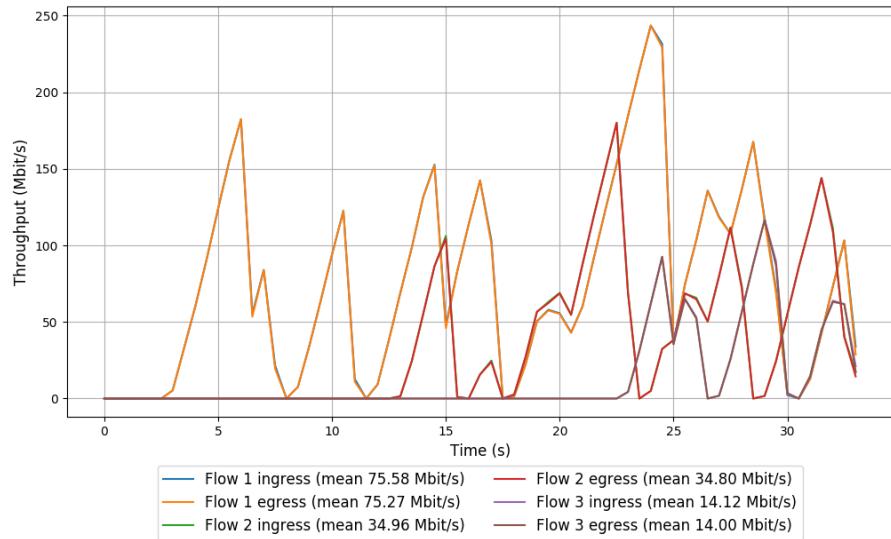


Run 1: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 22:24:02 +0000
End at: Tue, 04 Jul 2017 22:24:32 +0000
Local clock offset: 0.051 ms
Remote clock offset: -1.643 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:27:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 123.95 Mbit/s
95th percentile per-packet one-way delay: -0.196 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: -0.246 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 34.80 Mbit/s
95th percentile per-packet one-way delay: -0.101 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 14.00 Mbit/s
95th percentile per-packet one-way delay: -0.108 ms
Loss rate: 0.93%
```

Run 1: Report of LEDBAT — Data Link

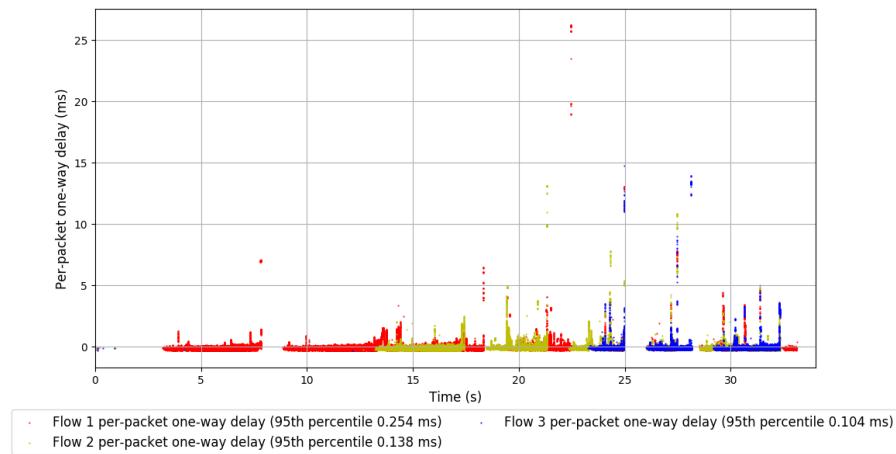
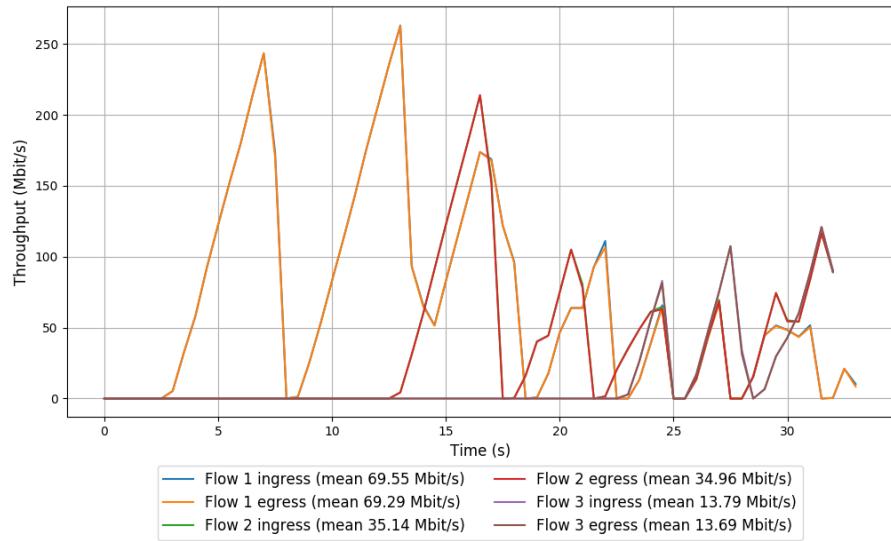


Run 2: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 22:44:43 +0000
End at: Tue, 04 Jul 2017 22:45:13 +0000
Local clock offset: -0.026 ms
Remote clock offset: -1.207 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:27:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 116.69 Mbit/s
95th percentile per-packet one-way delay: 0.207 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 69.29 Mbit/s
95th percentile per-packet one-way delay: 0.254 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 34.96 Mbit/s
95th percentile per-packet one-way delay: 0.138 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 13.69 Mbit/s
95th percentile per-packet one-way delay: 0.104 ms
Loss rate: 0.70%
```

Run 2: Report of LEDBAT — Data Link

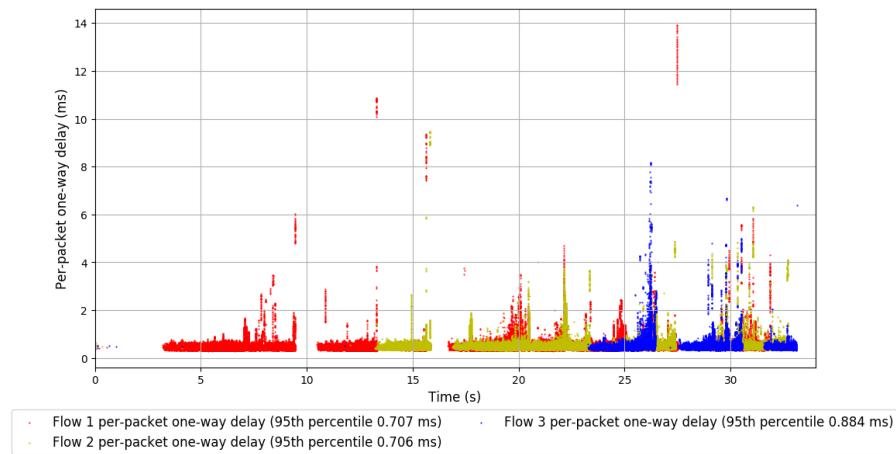
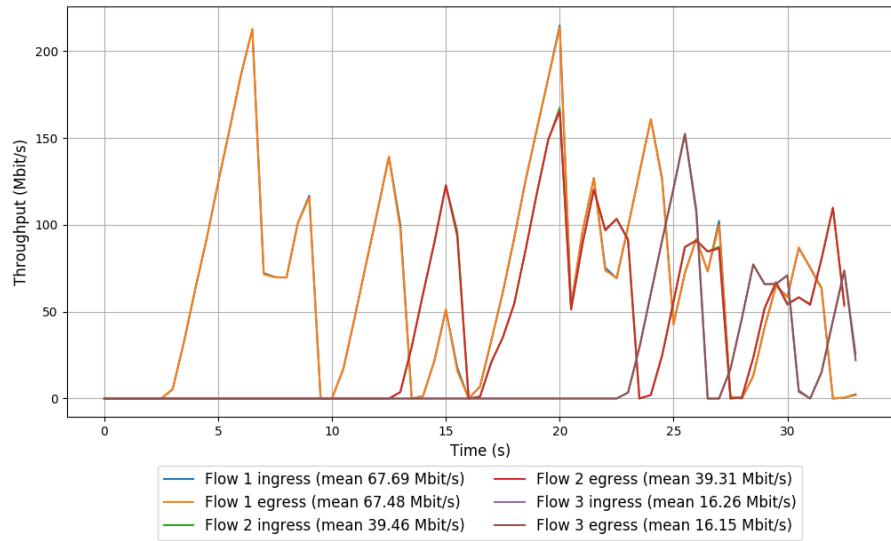


Run 3: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 23:05:20 +0000
End at: Tue, 04 Jul 2017 23:05:50 +0000
Local clock offset: -0.204 ms
Remote clock offset: -0.873 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:27:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 122.30 Mbit/s
95th percentile per-packet one-way delay: 0.726 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 67.48 Mbit/s
95th percentile per-packet one-way delay: 0.707 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 0.706 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 0.884 ms
Loss rate: 0.71%
```

Run 3: Report of LEDBAT — Data Link

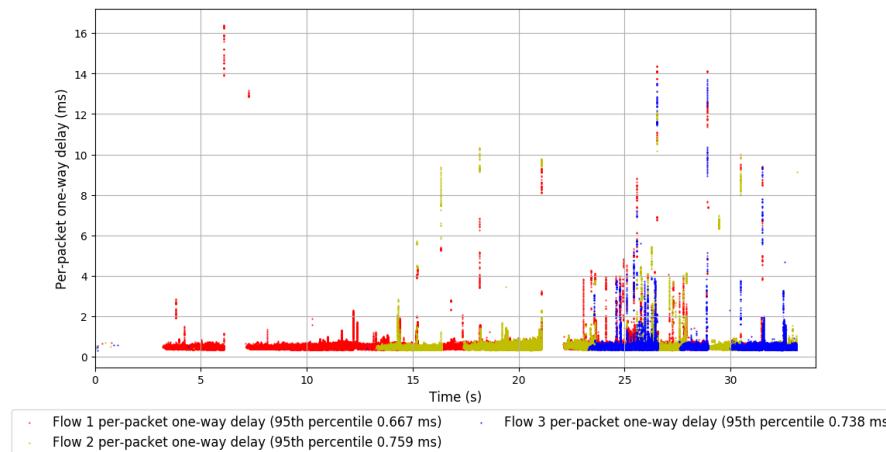
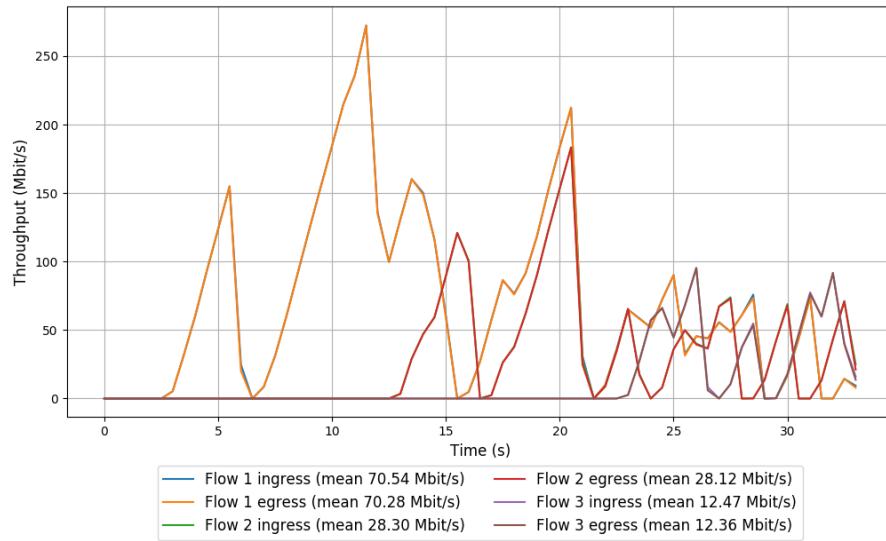


Run 4: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 23:26:11 +0000
End at: Tue, 04 Jul 2017 23:26:41 +0000
Local clock offset: -0.335 ms
Remote clock offset: -1.038 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:27:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 110.62 Mbit/s
95th percentile per-packet one-way delay: 0.698 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 70.28 Mbit/s
95th percentile per-packet one-way delay: 0.667 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 28.12 Mbit/s
95th percentile per-packet one-way delay: 0.759 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 0.738 ms
Loss rate: 0.97%
```

Run 4: Report of LEDBAT — Data Link

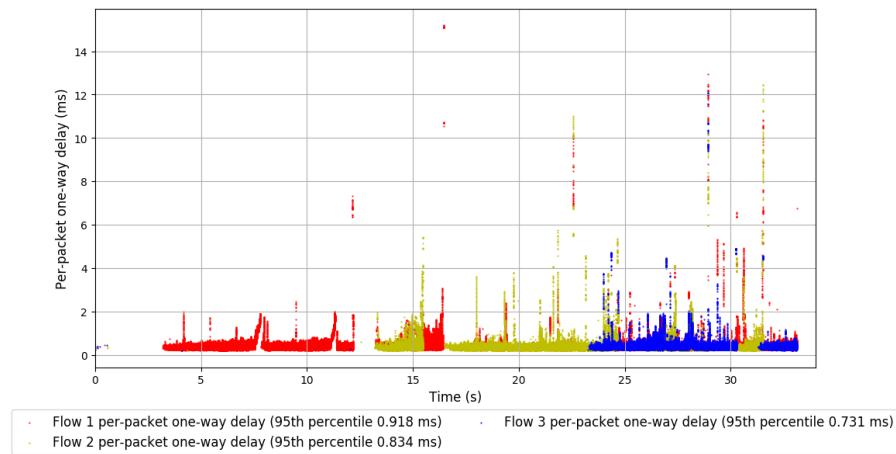
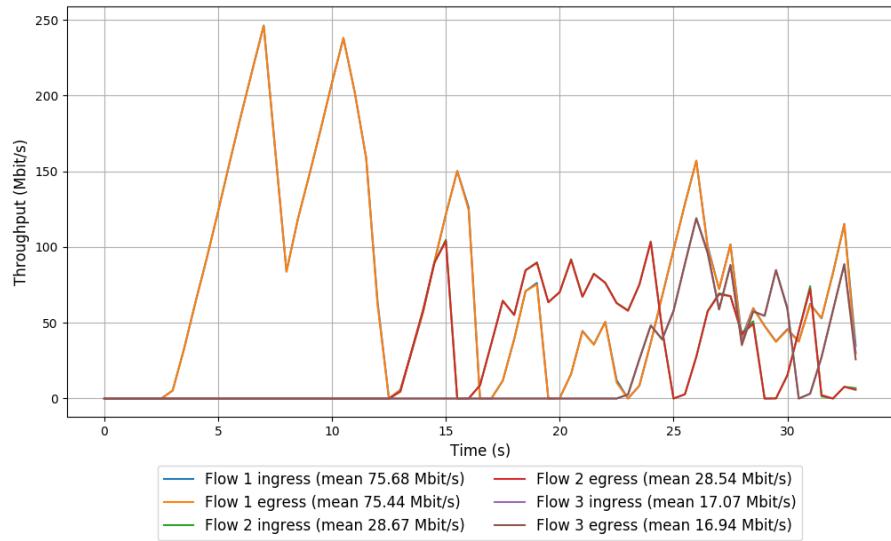


Run 5: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 23:46:49 +0000
End at: Tue, 04 Jul 2017 23:47:19 +0000
Local clock offset: -0.288 ms
Remote clock offset: -1.041 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:27:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 120.81 Mbit/s
95th percentile per-packet one-way delay: 0.865 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 75.44 Mbit/s
95th percentile per-packet one-way delay: 0.918 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 28.54 Mbit/s
95th percentile per-packet one-way delay: 0.834 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 16.94 Mbit/s
95th percentile per-packet one-way delay: 0.731 ms
Loss rate: 0.81%
```

Run 5: Report of LEDBAT — Data Link

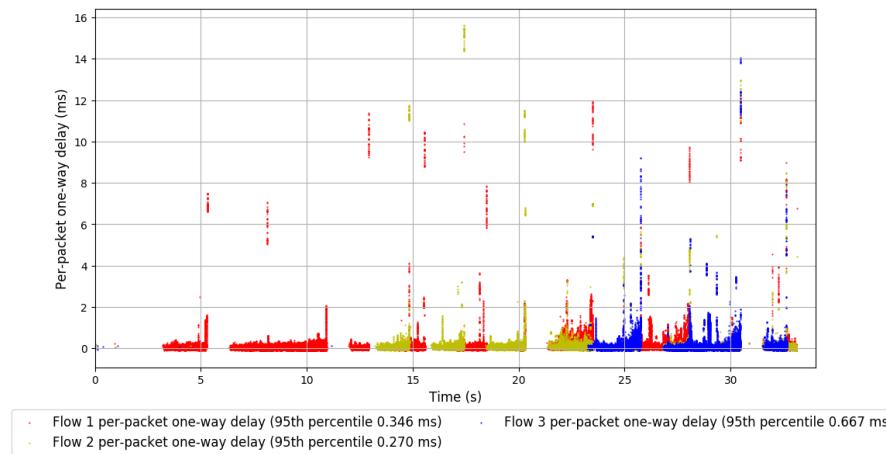
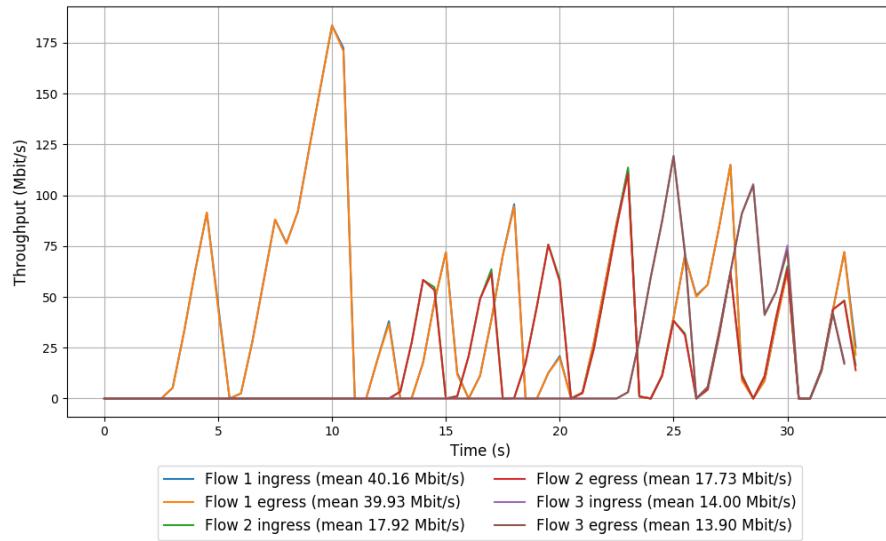


Run 6: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 00:07:42 +0000
End at: Wed, 05 Jul 2017 00:08:12 +0000
Local clock offset: -0.153 ms
Remote clock offset: -1.208 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:27:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.29 Mbit/s
95th percentile per-packet one-way delay: 0.392 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 39.93 Mbit/s
95th percentile per-packet one-way delay: 0.346 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 17.73 Mbit/s
95th percentile per-packet one-way delay: 0.270 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 13.90 Mbit/s
95th percentile per-packet one-way delay: 0.667 ms
Loss rate: 0.68%
```

Run 6: Report of LEDBAT — Data Link

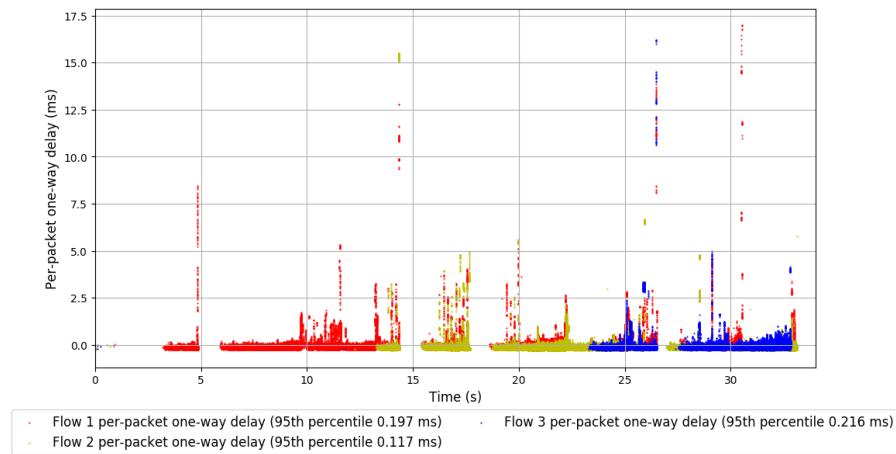
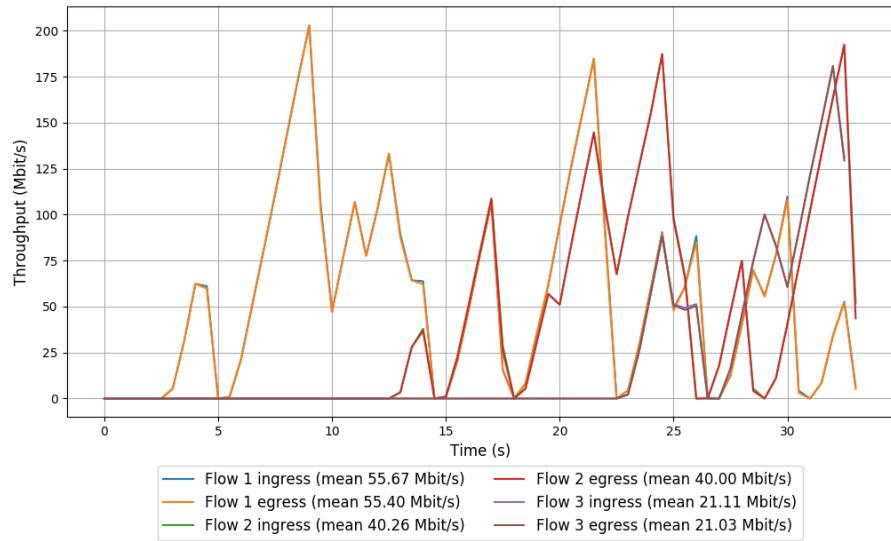


Run 7: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 00:28:28 +0000
End at: Wed, 05 Jul 2017 00:28:58 +0000
Local clock offset: 0.29 ms
Remote clock offset: -0.92 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:28:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 116.09 Mbit/s
95th percentile per-packet one-way delay: 0.174 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 0.197 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 0.117 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 21.03 Mbit/s
95th percentile per-packet one-way delay: 0.216 ms
Loss rate: 0.37%
```

Run 7: Report of LEDBAT — Data Link

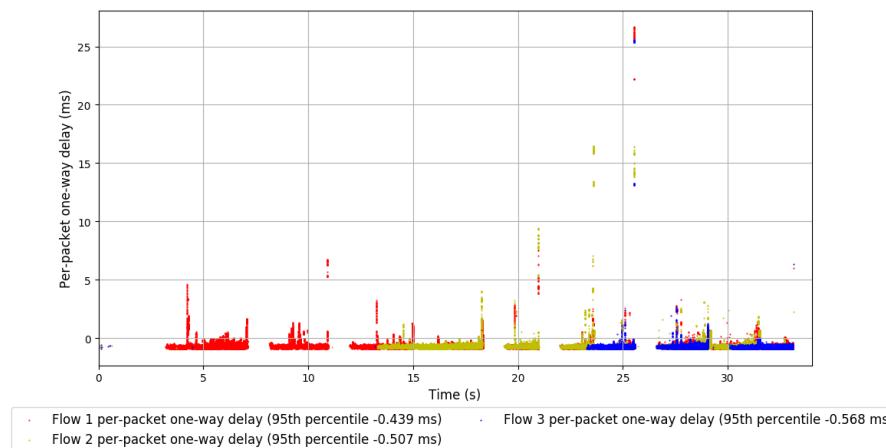
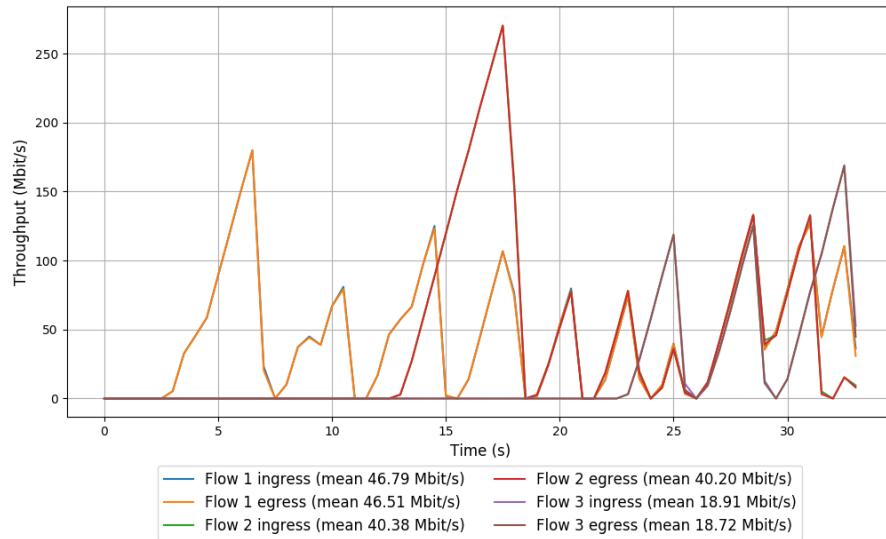


Run 8: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 00:48:58 +0000
End at: Wed, 05 Jul 2017 00:49:28 +0000
Local clock offset: 0.592 ms
Remote clock offset: -1.275 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:28:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 105.29 Mbit/s
95th percentile per-packet one-way delay: -0.492 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 46.51 Mbit/s
95th percentile per-packet one-way delay: -0.439 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 40.20 Mbit/s
95th percentile per-packet one-way delay: -0.507 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: -0.568 ms
Loss rate: 1.08%
```

Run 8: Report of LEDBAT — Data Link

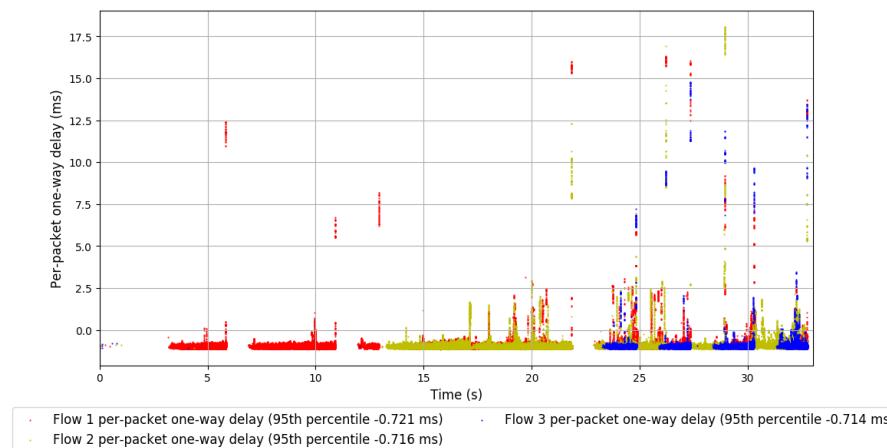
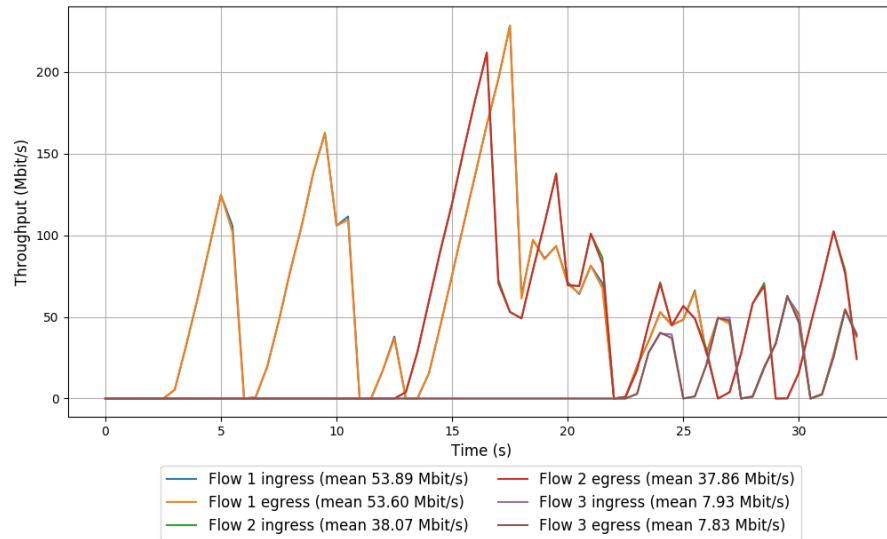


Run 9: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 01:09:34 +0000
End at: Wed, 05 Jul 2017 01:10:04 +0000
Local clock offset: 0.662 ms
Remote clock offset: -1.555 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:28:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.21 Mbit/s
95th percentile per-packet one-way delay: -0.719 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 53.60 Mbit/s
95th percentile per-packet one-way delay: -0.721 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 37.86 Mbit/s
95th percentile per-packet one-way delay: -0.716 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 7.83 Mbit/s
95th percentile per-packet one-way delay: -0.714 ms
Loss rate: 1.24%
```

Run 9: Report of LEDBAT — Data Link

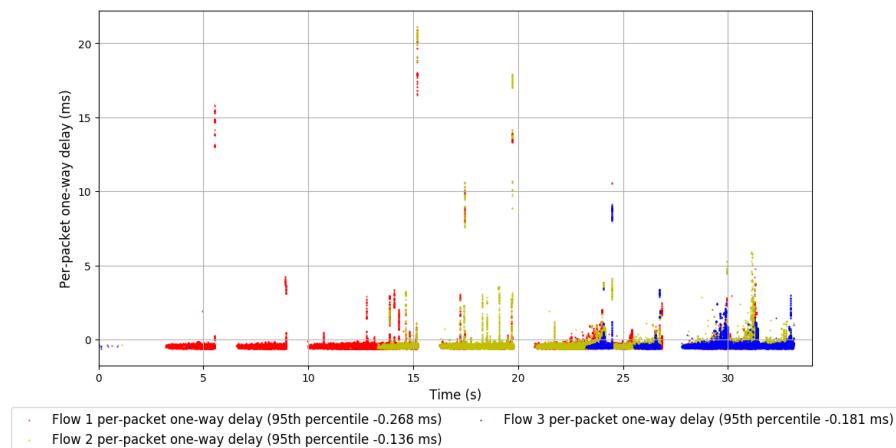
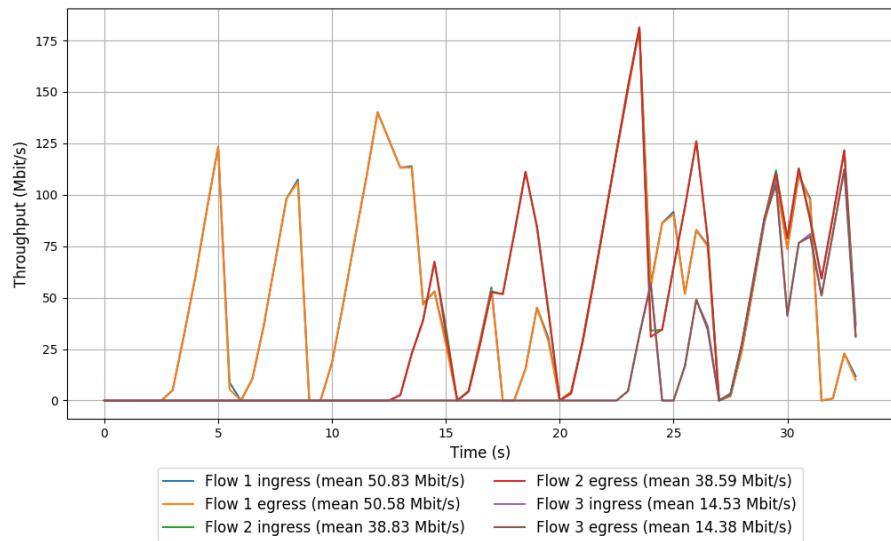


Run 10: Statistics of LEDBAT

```
Start at: Wed, 05 Jul 2017 01:30:22 +0000
End at: Wed, 05 Jul 2017 01:30:52 +0000
Local clock offset: 0.474 ms
Remote clock offset: -1.205 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:28:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 103.43 Mbit/s
95th percentile per-packet one-way delay: -0.211 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 50.58 Mbit/s
95th percentile per-packet one-way delay: -0.268 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 38.59 Mbit/s
95th percentile per-packet one-way delay: -0.136 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 14.38 Mbit/s
95th percentile per-packet one-way delay: -0.181 ms
Loss rate: 1.08%
```

Run 10: Report of LEDBAT — Data Link

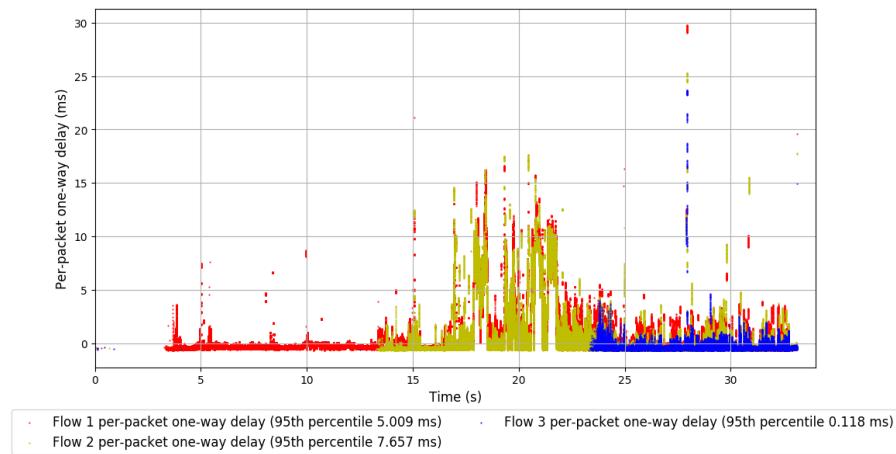
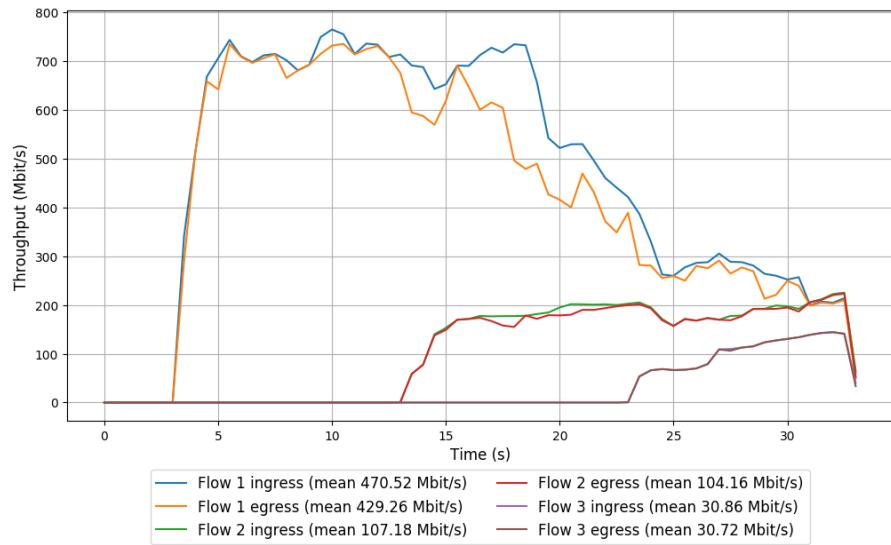


Run 1: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 22:13:42 +0000
End at: Tue, 04 Jul 2017 22:14:12 +0000
Local clock offset: 0.031 ms
Remote clock offset: -1.639 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:29:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 563.85 Mbit/s
95th percentile per-packet one-way delay: 5.373 ms
Loss rate: 7.35%
-- Flow 1:
Average throughput: 429.26 Mbit/s
95th percentile per-packet one-way delay: 5.009 ms
Loss rate: 8.82%
-- Flow 2:
Average throughput: 104.16 Mbit/s
95th percentile per-packet one-way delay: 7.657 ms
Loss rate: 2.86%
-- Flow 3:
Average throughput: 30.72 Mbit/s
95th percentile per-packet one-way delay: 0.118 ms
Loss rate: 0.54%
```

Run 1: Report of PCC — Data Link

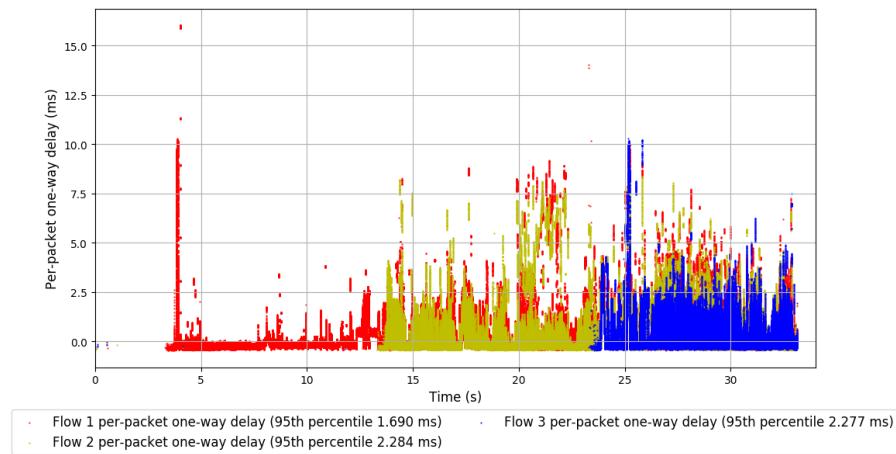
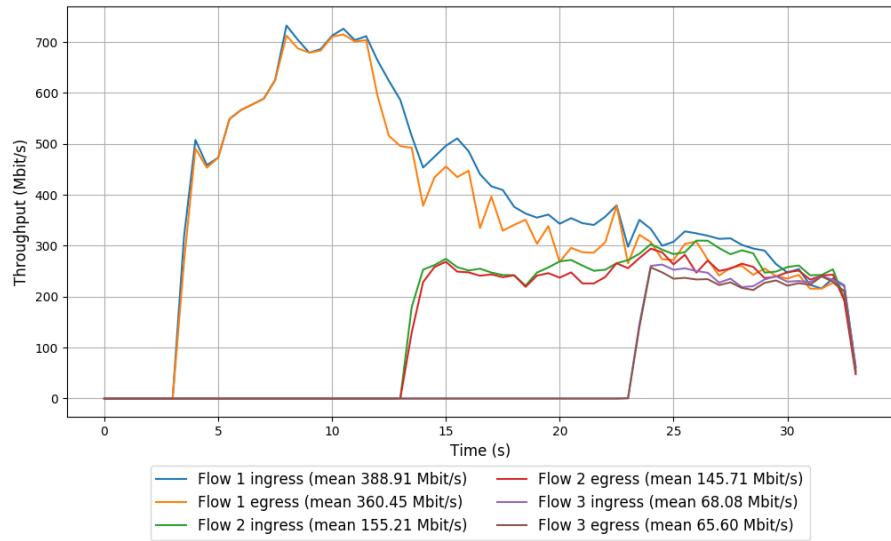


Run 2: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 22:34:25 +0000
End at: Tue, 04 Jul 2017 22:34:55 +0000
Local clock offset: -0.038 ms
Remote clock offset: -1.396 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:29:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 571.31 Mbit/s
95th percentile per-packet one-way delay: 1.922 ms
Loss rate: 6.67%
-- Flow 1:
Average throughput: 360.45 Mbit/s
95th percentile per-packet one-way delay: 1.690 ms
Loss rate: 7.37%
-- Flow 2:
Average throughput: 145.71 Mbit/s
95th percentile per-packet one-way delay: 2.284 ms
Loss rate: 6.18%
-- Flow 3:
Average throughput: 65.60 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 3.73%
```

Run 2: Report of PCC — Data Link

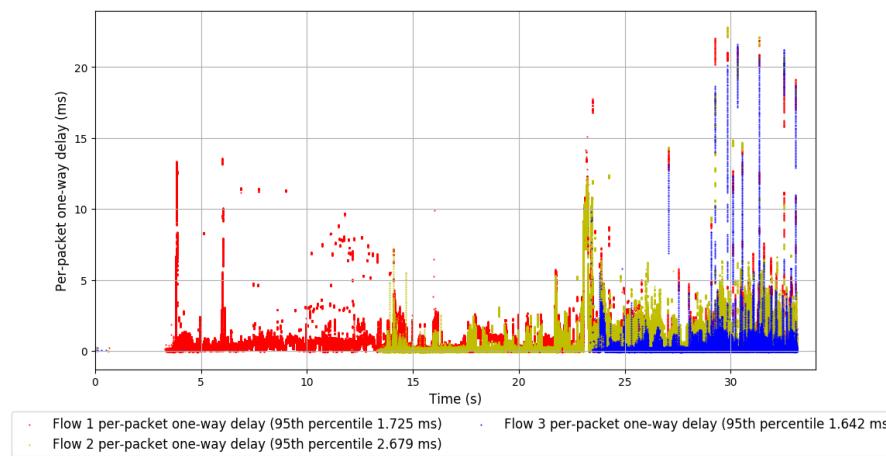
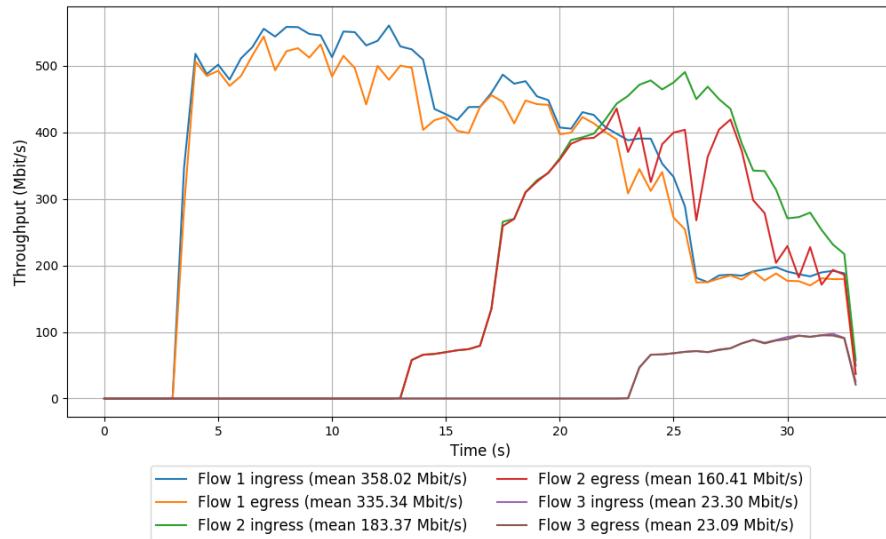


Run 3: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 22:55:01 +0000
End at: Tue, 04 Jul 2017 22:55:31 +0000
Local clock offset: -0.012 ms
Remote clock offset: -1.127 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:31:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 518.52 Mbit/s
95th percentile per-packet one-way delay: 2.132 ms
Loss rate: 8.19%
-- Flow 1:
Average throughput: 335.34 Mbit/s
95th percentile per-packet one-way delay: 1.725 ms
Loss rate: 6.41%
-- Flow 2:
Average throughput: 160.41 Mbit/s
95th percentile per-packet one-way delay: 2.679 ms
Loss rate: 12.58%
-- Flow 3:
Average throughput: 23.09 Mbit/s
95th percentile per-packet one-way delay: 1.642 ms
Loss rate: 0.96%
```

Run 3: Report of PCC — Data Link

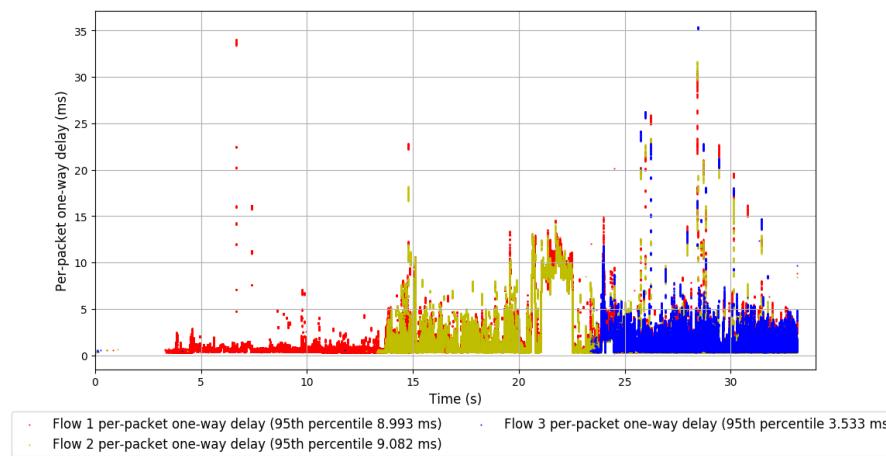
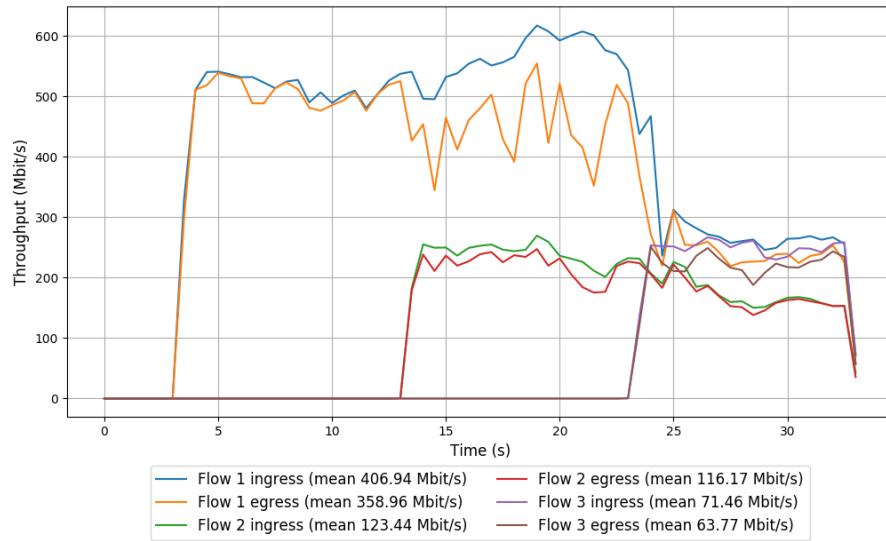


Run 4: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 23:15:53 +0000
End at: Tue, 04 Jul 2017 23:16:23 +0000
Local clock offset: -0.26 ms
Remote clock offset: -0.902 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:31:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 538.49 Mbit/s
95th percentile per-packet one-way delay: 8.914 ms
Loss rate: 10.50%
-- Flow 1:
Average throughput: 358.96 Mbit/s
95th percentile per-packet one-way delay: 8.993 ms
Loss rate: 11.83%
-- Flow 2:
Average throughput: 116.17 Mbit/s
95th percentile per-packet one-way delay: 9.082 ms
Loss rate: 5.93%
-- Flow 3:
Average throughput: 63.77 Mbit/s
95th percentile per-packet one-way delay: 3.533 ms
Loss rate: 10.80%
```

Run 4: Report of PCC — Data Link

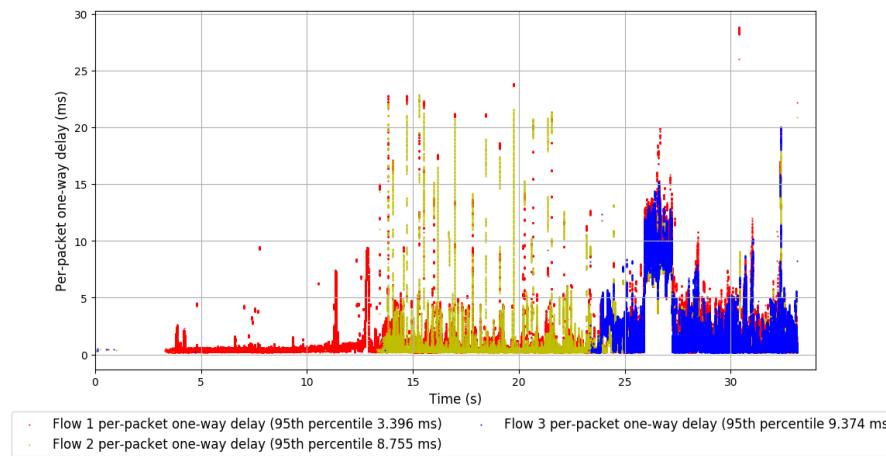
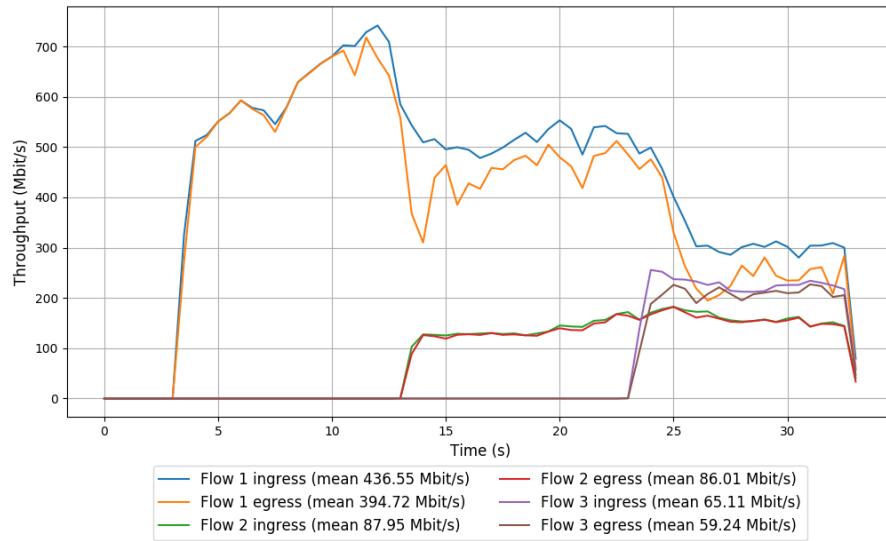


Run 5: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 23:36:36 +0000
End at: Tue, 04 Jul 2017 23:37:06 +0000
Local clock offset: -0.246 ms
Remote clock offset: -0.971 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:32:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 539.60 Mbit/s
95th percentile per-packet one-way delay: 6.604 ms
Loss rate: 8.44%
-- Flow 1:
Average throughput: 394.72 Mbit/s
95th percentile per-packet one-way delay: 3.396 ms
Loss rate: 9.60%
-- Flow 2:
Average throughput: 86.01 Mbit/s
95th percentile per-packet one-way delay: 8.755 ms
Loss rate: 2.23%
-- Flow 3:
Average throughput: 59.24 Mbit/s
95th percentile per-packet one-way delay: 9.374 ms
Loss rate: 9.06%
```

Run 5: Report of PCC — Data Link

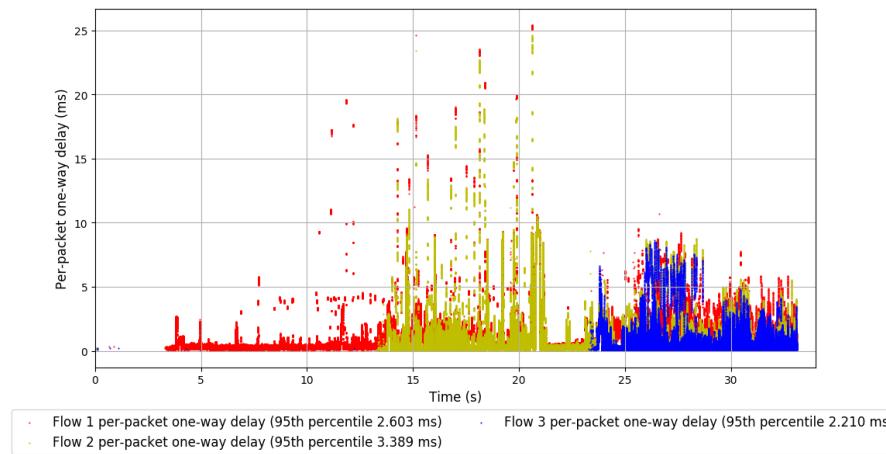
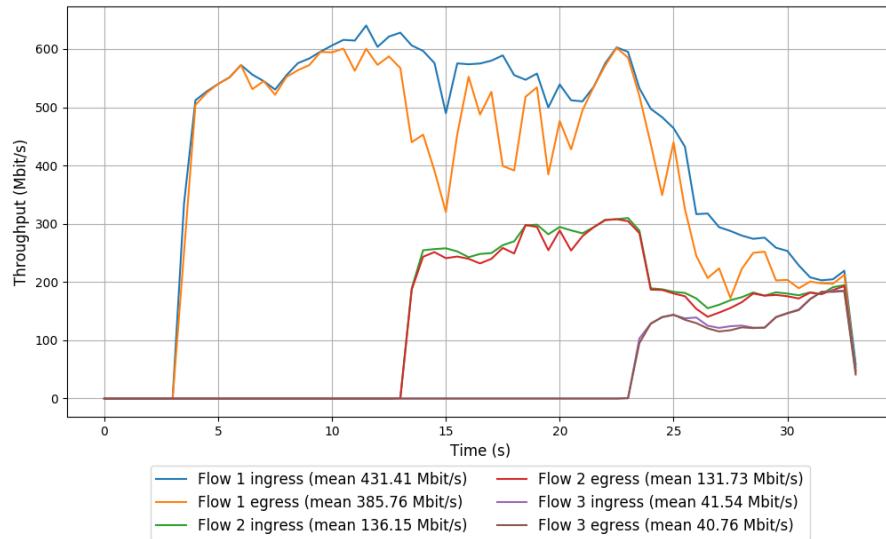


Run 6: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 23:57:21 +0000
End at: Tue, 04 Jul 2017 23:57:51 +0000
Local clock offset: -0.221 ms
Remote clock offset: -1.006 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:32:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 557.88 Mbit/s
95th percentile per-packet one-way delay: 2.717 ms
Loss rate: 8.41%
-- Flow 1:
Average throughput: 385.76 Mbit/s
95th percentile per-packet one-way delay: 2.603 ms
Loss rate: 10.63%
-- Flow 2:
Average throughput: 131.73 Mbit/s
95th percentile per-packet one-way delay: 3.389 ms
Loss rate: 3.31%
-- Flow 3:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 2.210 ms
Loss rate: 1.96%
```

Run 6: Report of PCC — Data Link

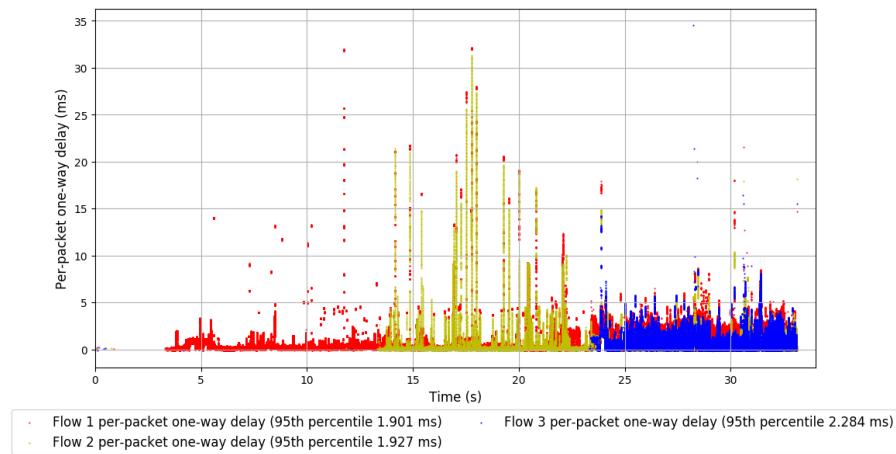
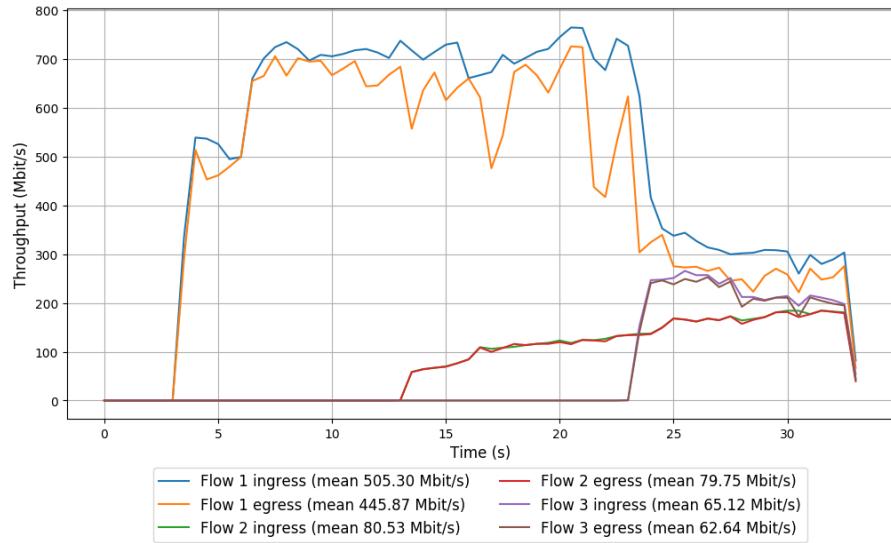


Run 7: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 00:18:05 +0000
End at: Wed, 05 Jul 2017 00:18:35 +0000
Local clock offset: 0.06 ms
Remote clock offset: -1.036 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:34:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 587.86 Mbit/s
95th percentile per-packet one-way delay: 1.950 ms
Loss rate: 9.66%
-- Flow 1:
Average throughput: 445.87 Mbit/s
95th percentile per-packet one-way delay: 1.901 ms
Loss rate: 11.79%
-- Flow 2:
Average throughput: 79.75 Mbit/s
95th percentile per-packet one-way delay: 1.927 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 62.64 Mbit/s
95th percentile per-packet one-way delay: 2.284 ms
Loss rate: 3.83%
```

Run 7: Report of PCC — Data Link

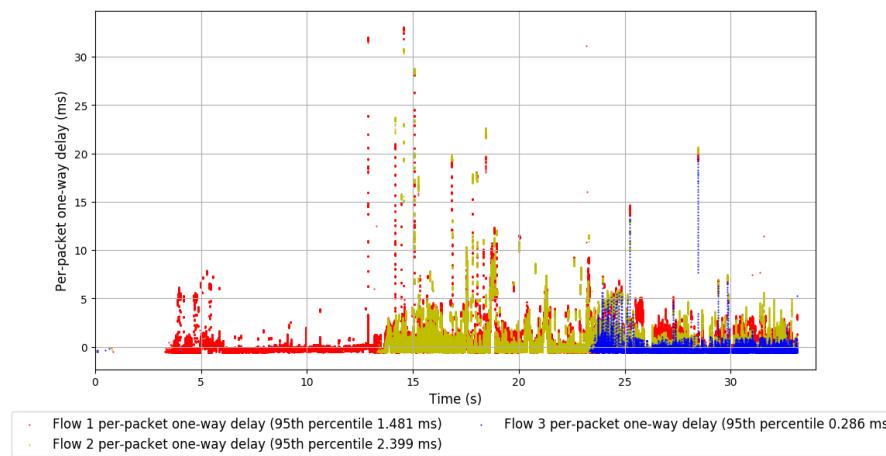
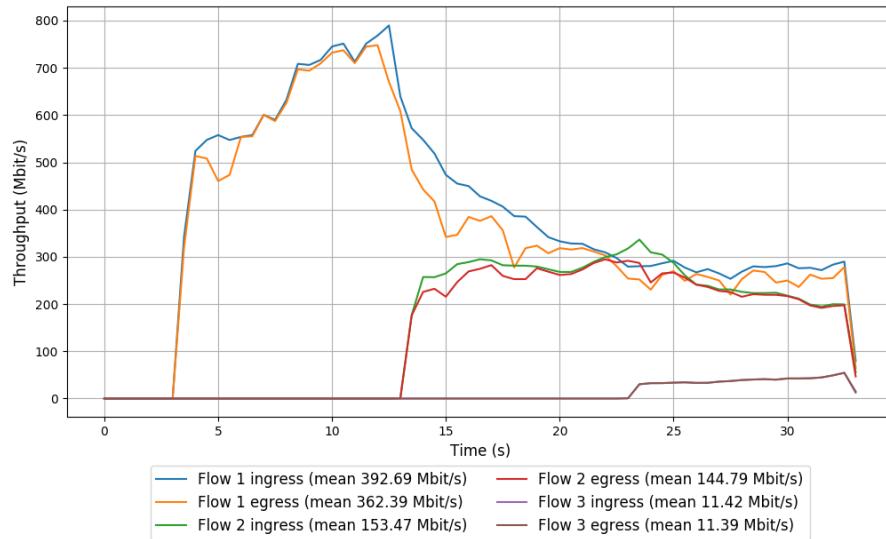


Run 8: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 00:38:44 +0000
End at: Wed, 05 Jul 2017 00:39:14 +0000
Local clock offset: 0.413 ms
Remote clock offset: -1.121 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:34:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 518.25 Mbit/s
95th percentile per-packet one-way delay: 1.709 ms
Loss rate: 7.05%
-- Flow 1:
Average throughput: 362.39 Mbit/s
95th percentile per-packet one-way delay: 1.481 ms
Loss rate: 7.77%
-- Flow 2:
Average throughput: 144.79 Mbit/s
95th percentile per-packet one-way delay: 2.399 ms
Loss rate: 5.71%
-- Flow 3:
Average throughput: 11.39 Mbit/s
95th percentile per-packet one-way delay: 0.286 ms
Loss rate: 0.36%
```

Run 8: Report of PCC — Data Link

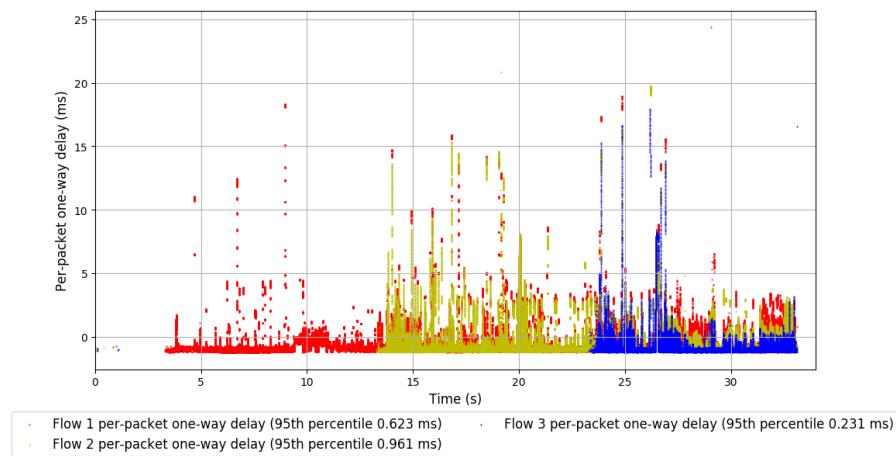
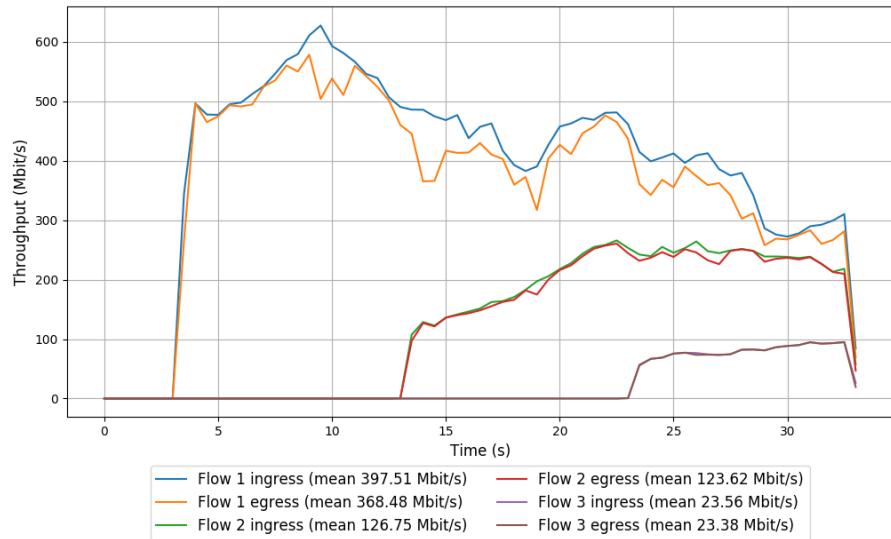


Run 9: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 00:59:18 +0000
End at: Wed, 05 Jul 2017 00:59:48 +0000
Local clock offset: 0.696 ms
Remote clock offset: -1.521 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 514.97 Mbit/s
95th percentile per-packet one-way delay: 0.669 ms
Loss rate: 5.97%
-- Flow 1:
Average throughput: 368.48 Mbit/s
95th percentile per-packet one-way delay: 0.623 ms
Loss rate: 7.37%
-- Flow 2:
Average throughput: 123.62 Mbit/s
95th percentile per-packet one-way delay: 0.961 ms
Loss rate: 2.53%
-- Flow 3:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 0.231 ms
Loss rate: 0.77%
```

Run 9: Report of PCC — Data Link

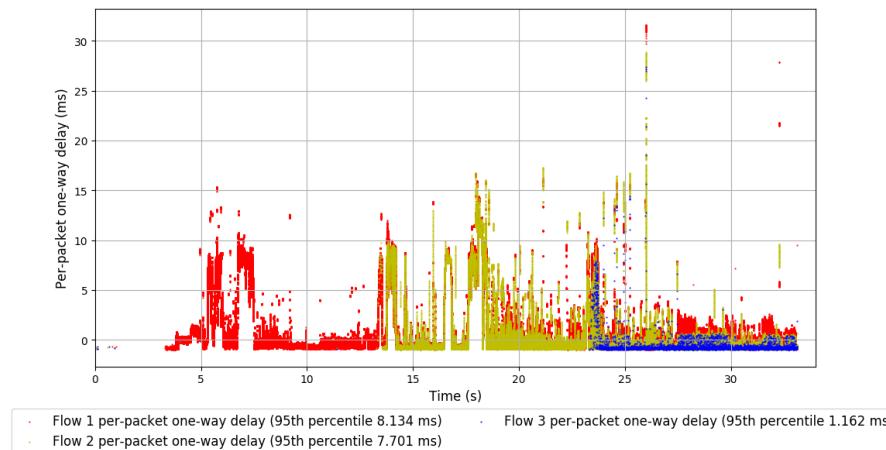
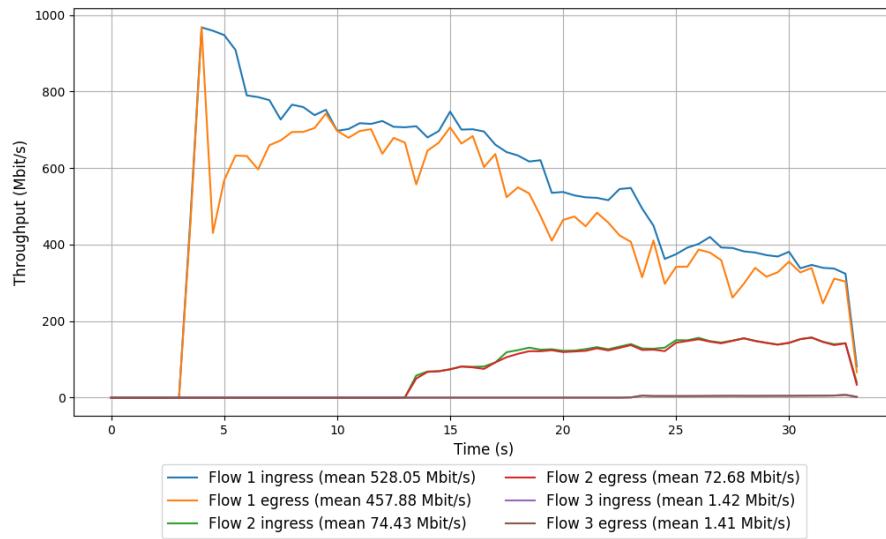


Run 10: Statistics of PCC

```
Start at: Wed, 05 Jul 2017 01:19:58 +0000
End at: Wed, 05 Jul 2017 01:20:28 +0000
Local clock offset: 0.556 ms
Remote clock offset: -1.364 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 531.84 Mbit/s
95th percentile per-packet one-way delay: 8.080 ms
Loss rate: 11.95%
-- Flow 1:
Average throughput: 457.88 Mbit/s
95th percentile per-packet one-way delay: 8.134 ms
Loss rate: 13.32%
-- Flow 2:
Average throughput: 72.68 Mbit/s
95th percentile per-packet one-way delay: 7.701 ms
Loss rate: 2.41%
-- Flow 3:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 1.162 ms
Loss rate: 0.36%
```

Run 10: Report of PCC — Data Link

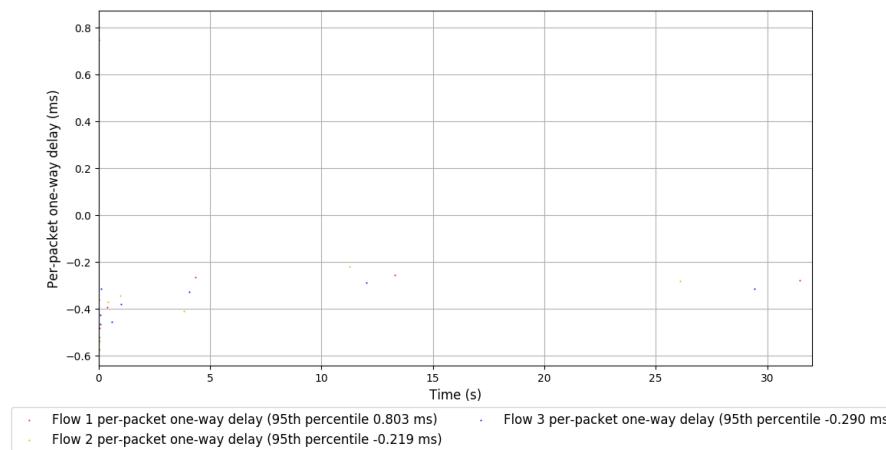
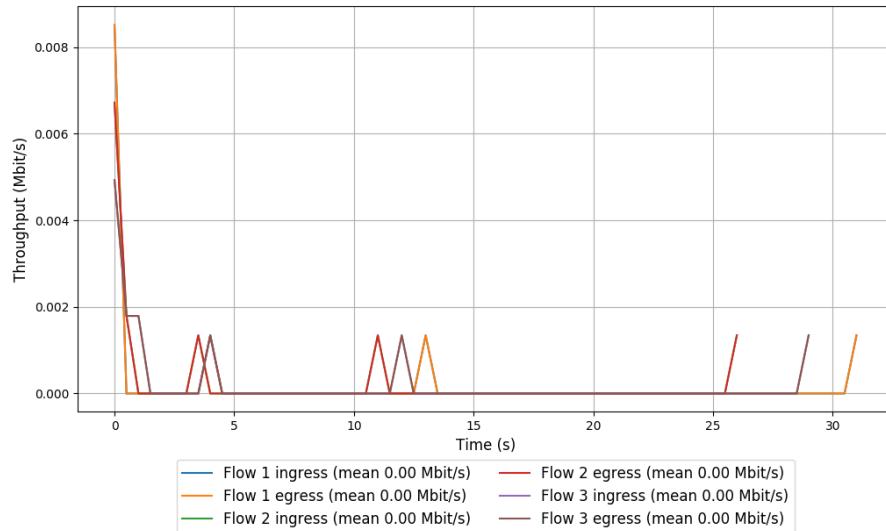


Run 1: Statistics of QUIC Cubic

```
Start at: Tue, 04 Jul 2017 22:05:42 +0000
End at: Tue, 04 Jul 2017 22:06:12 +0000
Local clock offset: -0.007 ms
Remote clock offset: -1.617 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.746 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.803 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.219 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.290 ms
Loss rate: 0.00%
```

Run 1: Report of QUIC Cubic — Data Link

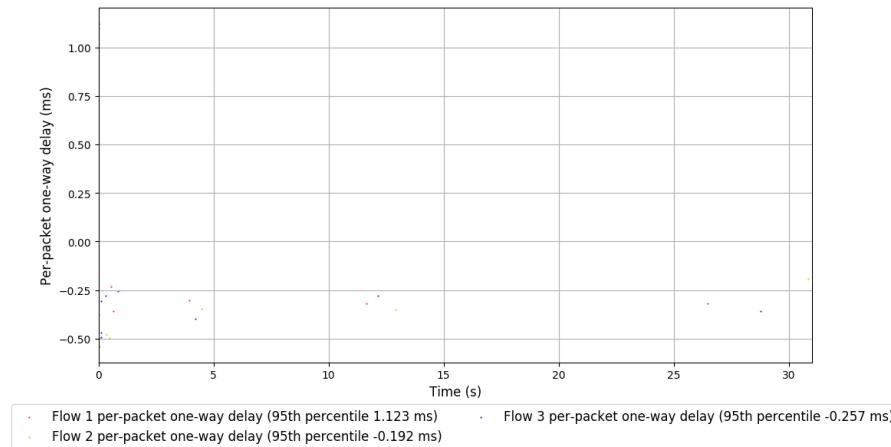
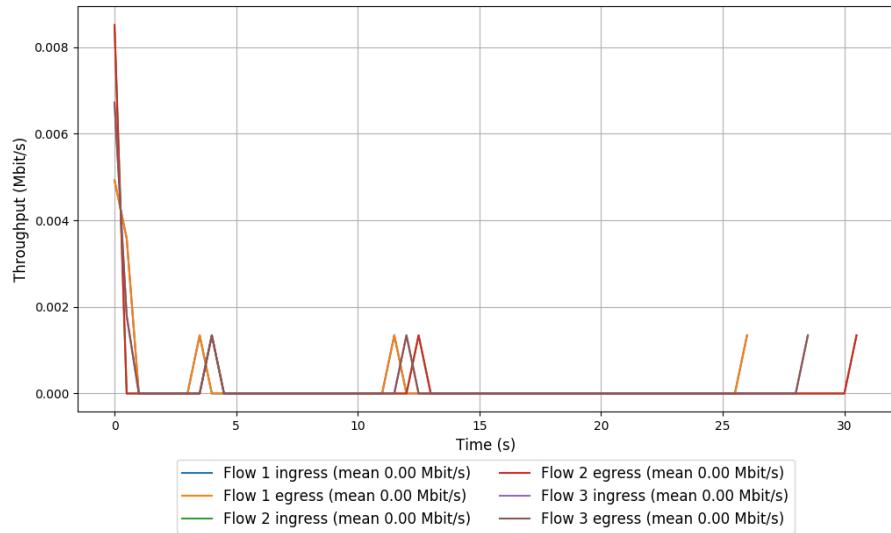


Run 2: Statistics of QUIC Cubic

```
Start at: Tue, 04 Jul 2017 22:26:32 +0000
End at: Tue, 04 Jul 2017 22:27:02 +0000
Local clock offset: 0.056 ms
Remote clock offset: -1.583 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.098 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.192 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.257 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

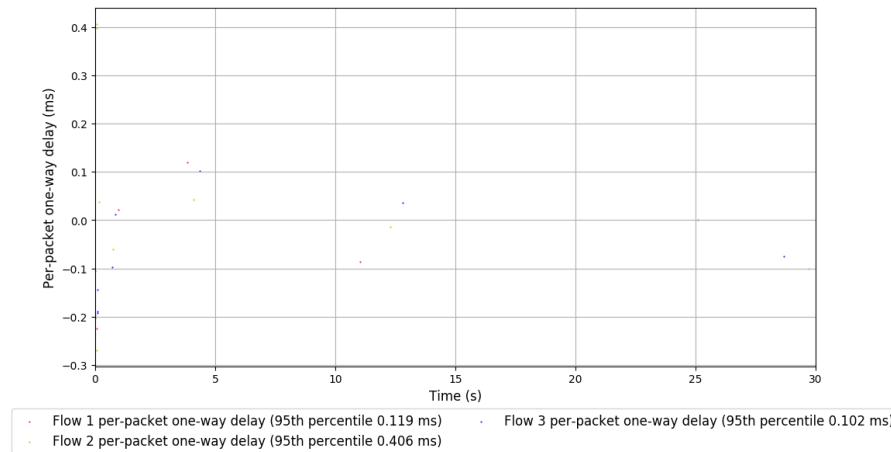
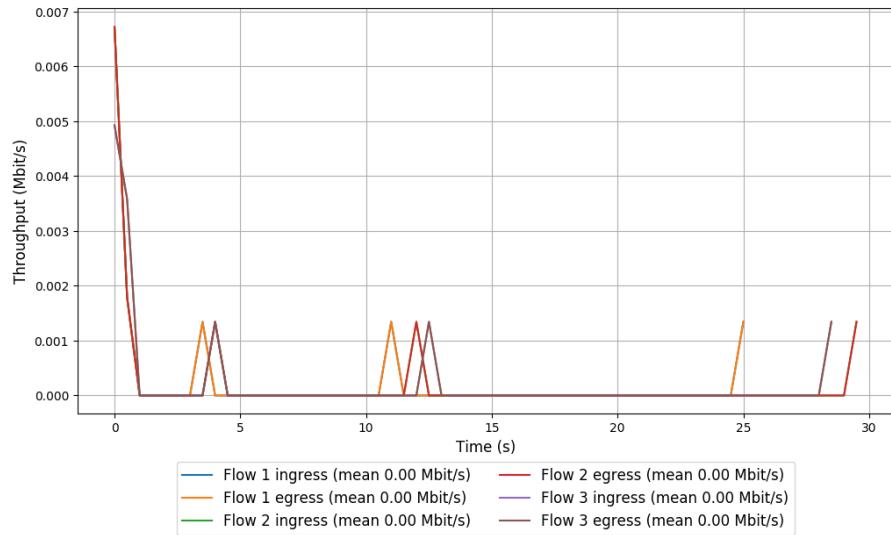


Run 3: Statistics of QUIC Cubic

```
Start at: Tue, 04 Jul 2017 22:47:12 +0000
End at: Tue, 04 Jul 2017 22:47:42 +0000
Local clock offset: 0.034 ms
Remote clock offset: -1.294 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.119 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.406 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.102 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

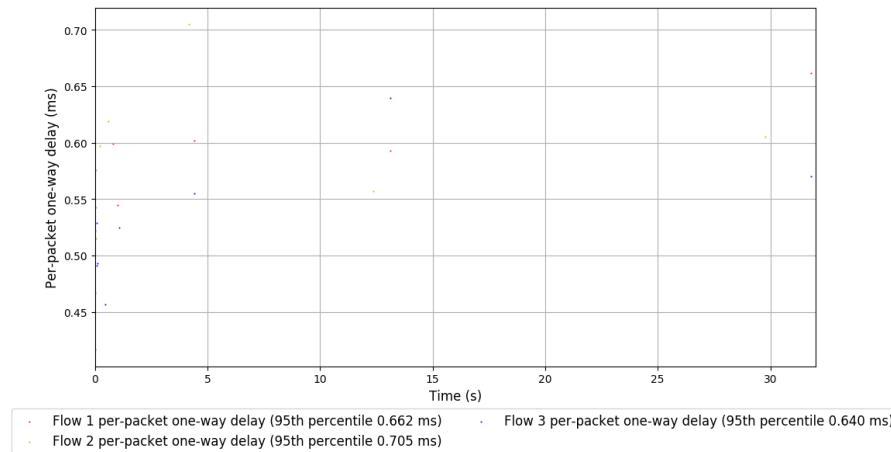
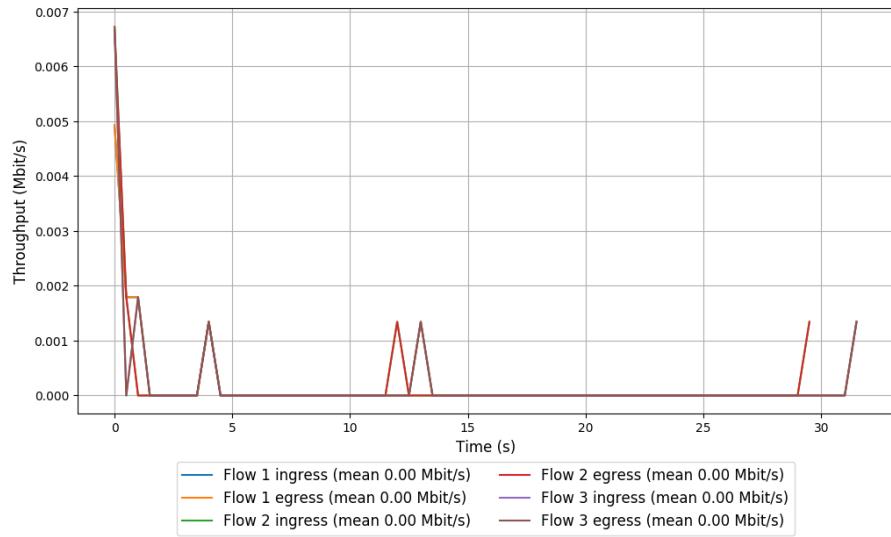


Run 4: Statistics of QUIC Cubic

```
Start at: Tue, 04 Jul 2017 23:07:49 +0000
End at: Tue, 04 Jul 2017 23:08:19 +0000
Local clock offset: -0.283 ms
Remote clock offset: -0.866 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.662 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.662 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.705 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.640 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

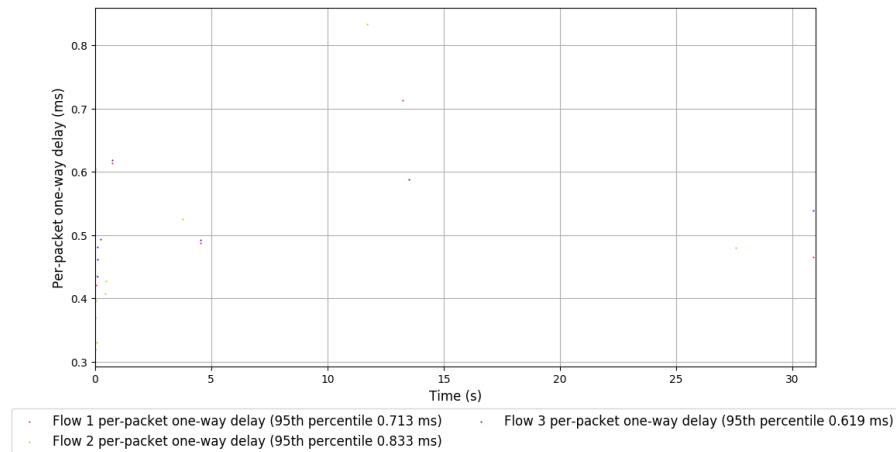
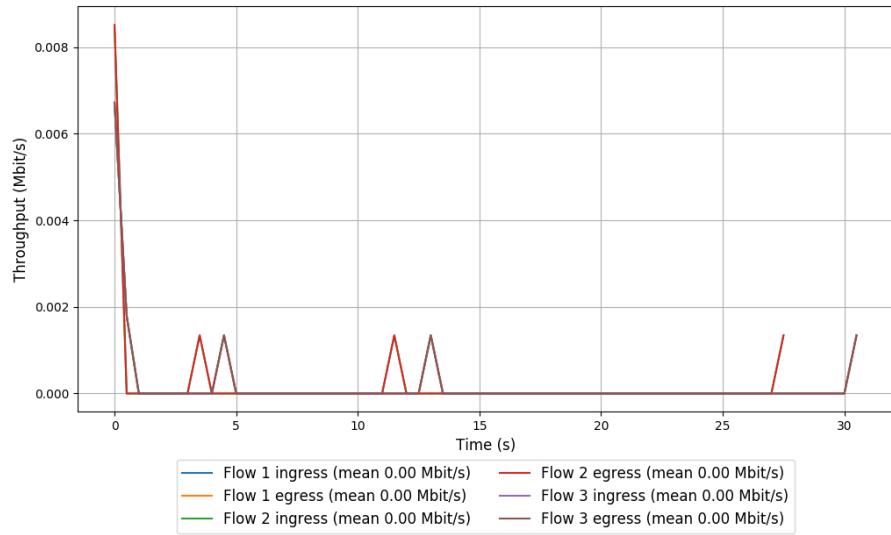


Run 5: Statistics of QUIC Cubic

```
Start at: Tue, 04 Jul 2017 23:28:39 +0000
End at: Tue, 04 Jul 2017 23:29:09 +0000
Local clock offset: -0.302 ms
Remote clock offset: -1.062 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.713 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.833 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.619 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

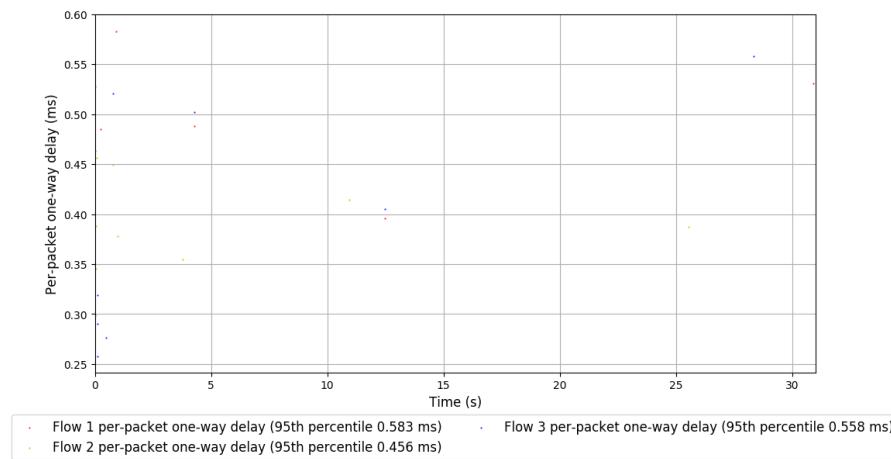
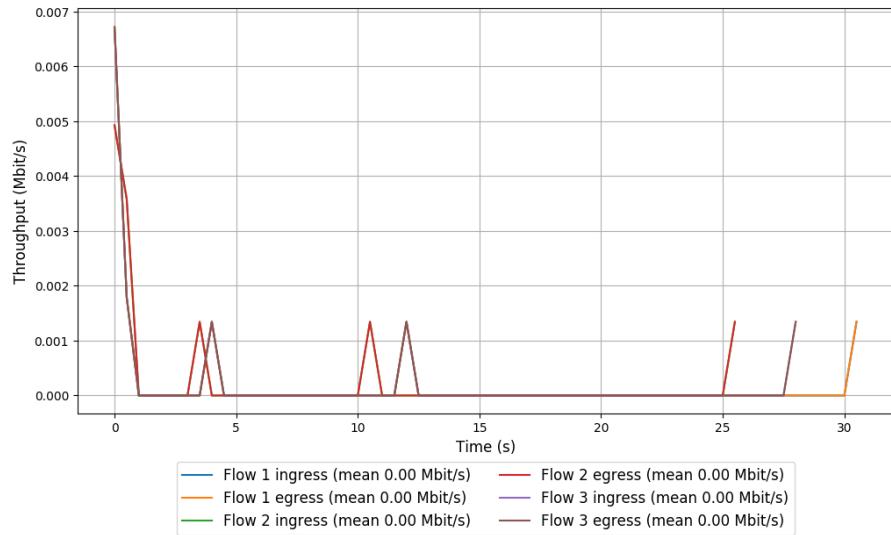


Run 6: Statistics of QUIC Cubic

```
Start at: Tue, 04 Jul 2017 23:49:18 +0000
End at: Tue, 04 Jul 2017 23:49:48 +0000
Local clock offset: -0.216 ms
Remote clock offset: -0.953 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.583 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.456 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.558 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

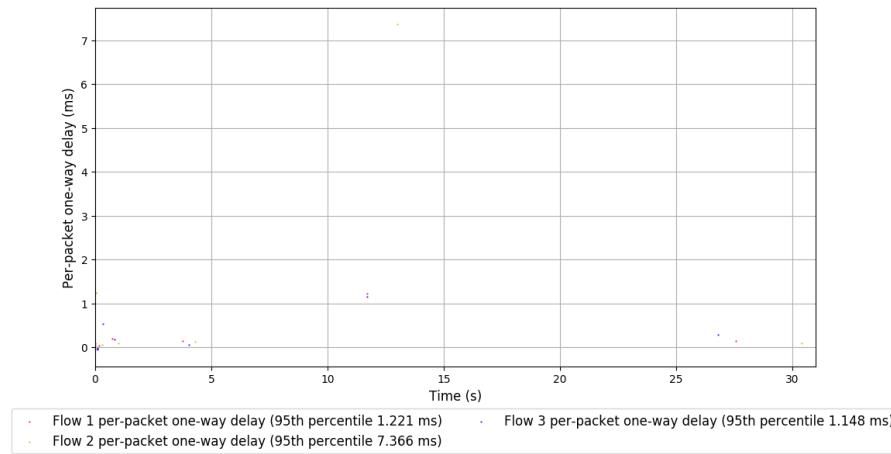
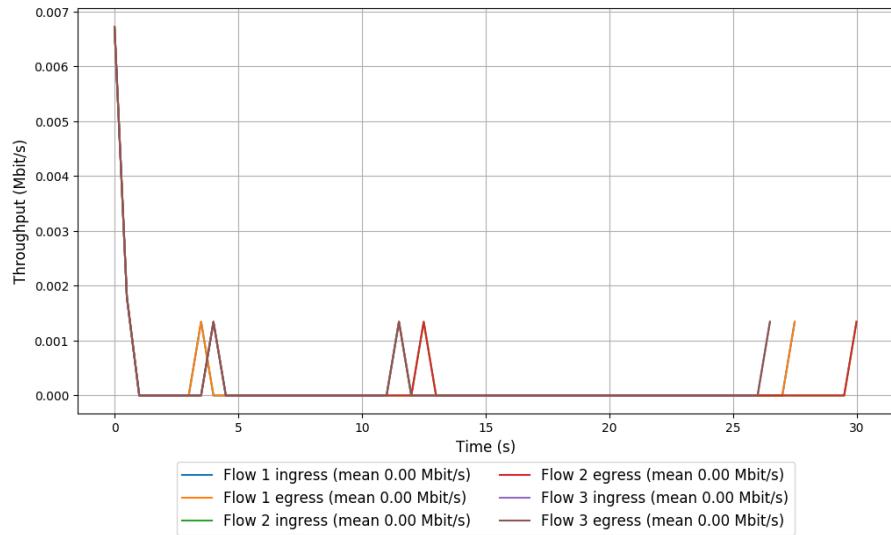


Run 7: Statistics of QUIC Cubic

```
Start at: Wed, 05 Jul 2017 00:10:08 +0000
End at: Wed, 05 Jul 2017 00:10:38 +0000
Local clock offset: -0.03 ms
Remote clock offset: -1.083 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.246 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.221 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 7.366 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.00%
```

Run 7: Report of QUIC Cubic — Data Link

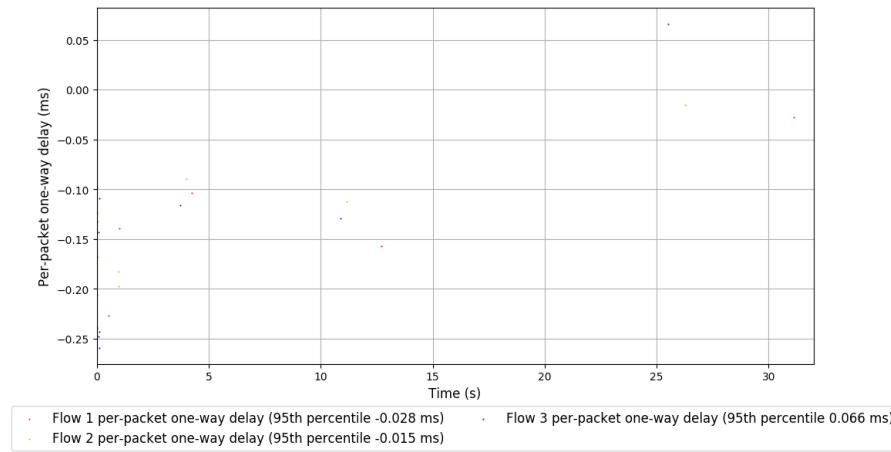
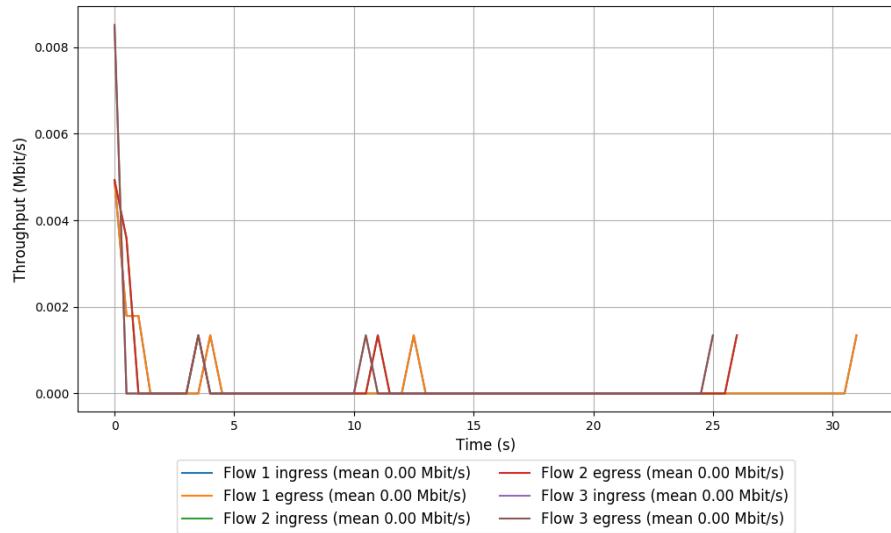


Run 8: Statistics of QUIC Cubic

```
Start at: Wed, 05 Jul 2017 00:30:57 +0000
End at: Wed, 05 Jul 2017 00:31:27 +0000
Local clock offset: 0.327 ms
Remote clock offset: -1.047 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.015 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.028 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.015 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 0.066 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic — Data Link

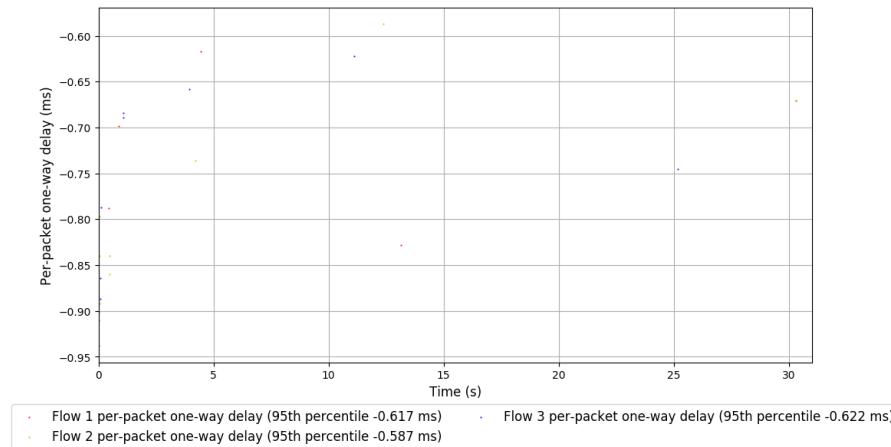
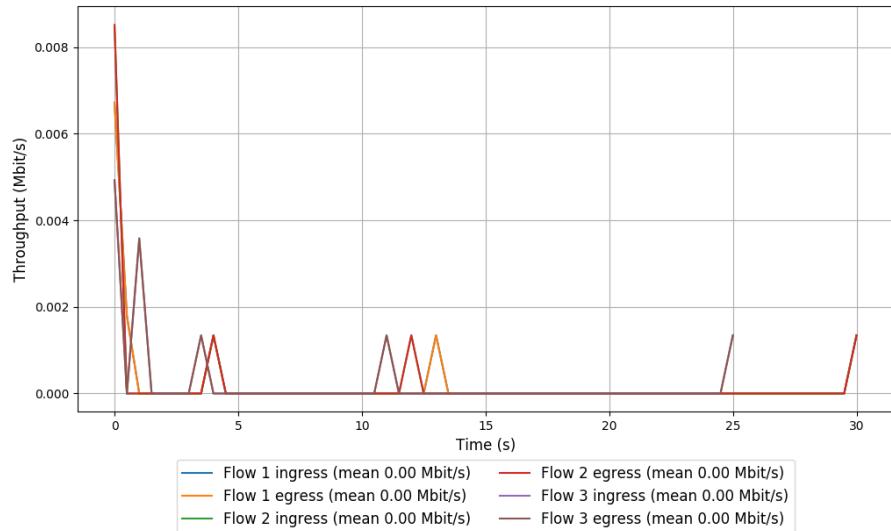


Run 9: Statistics of QUIC Cubic

```
Start at: Wed, 05 Jul 2017 00:51:26 +0000
End at: Wed, 05 Jul 2017 00:51:56 +0000
Local clock offset: 0.553 ms
Remote clock offset: -1.341 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.617 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.617 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.587 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.622 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

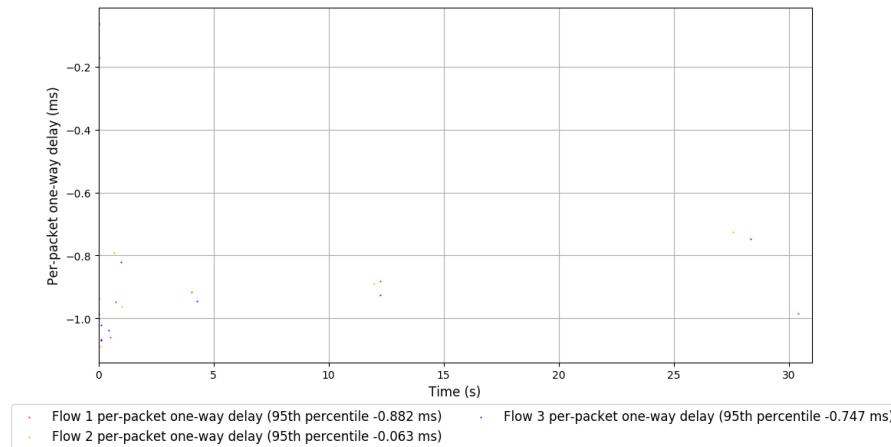
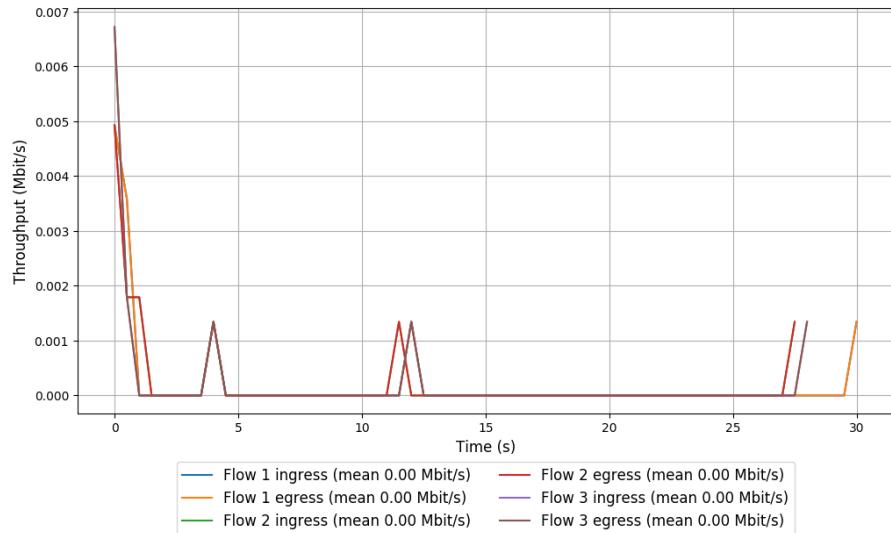


Run 10: Statistics of QUIC Cubic

```
Start at: Wed, 05 Jul 2017 01:12:01 +0000
End at: Wed, 05 Jul 2017 01:12:31 +0000
Local clock offset: 0.553 ms
Remote clock offset: -1.465 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.170 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.882 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.063 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: -0.747 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic — Data Link

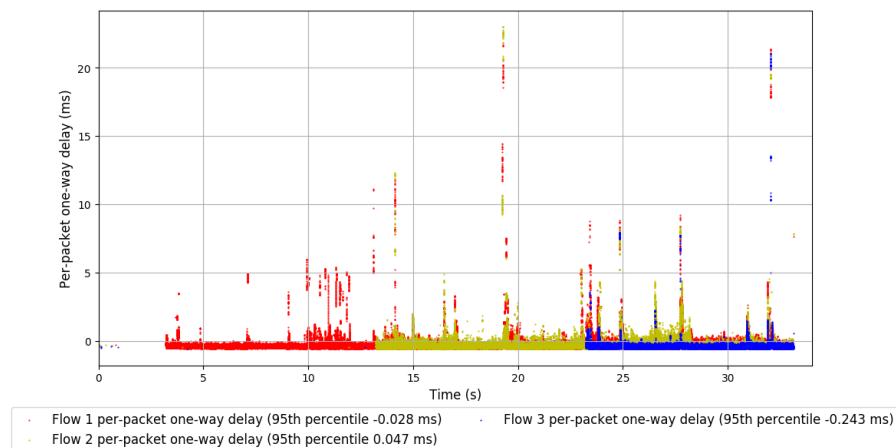
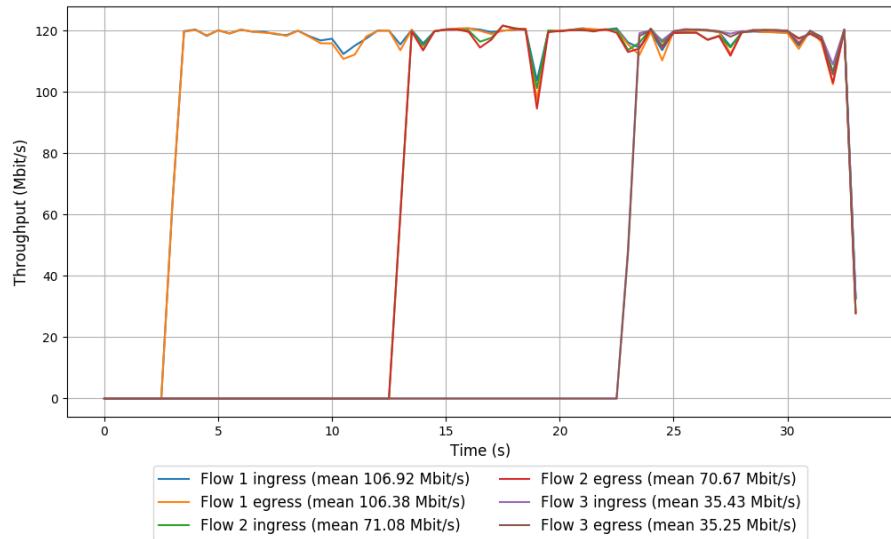


Run 1: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 22:12:17 +0000
End at: Tue, 04 Jul 2017 22:12:47 +0000
Local clock offset: 0.0 ms
Remote clock offset: -1.629 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:35:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 212.06 Mbit/s
95th percentile per-packet one-way delay: -0.039 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 106.38 Mbit/s
95th percentile per-packet one-way delay: -0.028 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 70.67 Mbit/s
95th percentile per-packet one-way delay: 0.047 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 35.25 Mbit/s
95th percentile per-packet one-way delay: -0.243 ms
Loss rate: 0.59%
```

Run 1: Report of Saturator — Data Link

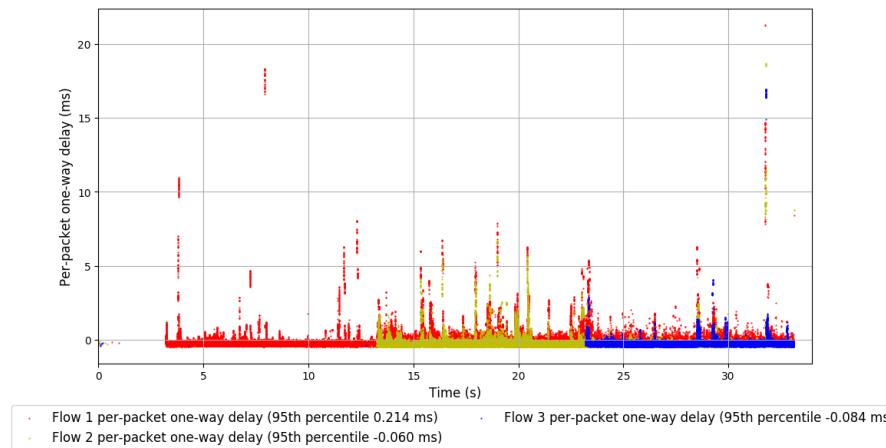
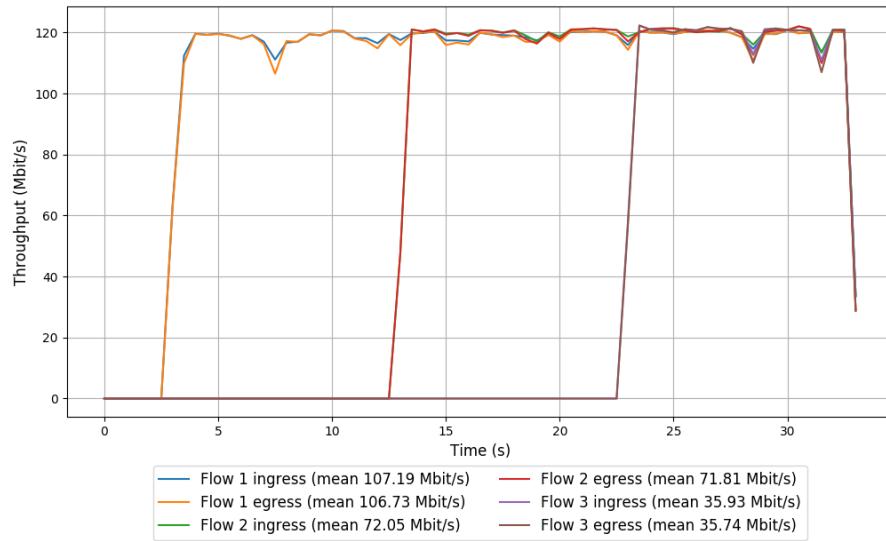


Run 2: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 22:32:59 +0000
End at: Tue, 04 Jul 2017 22:33:29 +0000
Local clock offset: -0.046 ms
Remote clock offset: -1.44 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:36:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 214.03 Mbit/s
95th percentile per-packet one-way delay: 0.075 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 106.73 Mbit/s
95th percentile per-packet one-way delay: 0.214 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 71.81 Mbit/s
95th percentile per-packet one-way delay: -0.060 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 35.74 Mbit/s
95th percentile per-packet one-way delay: -0.084 ms
Loss rate: 0.58%
```

Run 2: Report of Saturator — Data Link

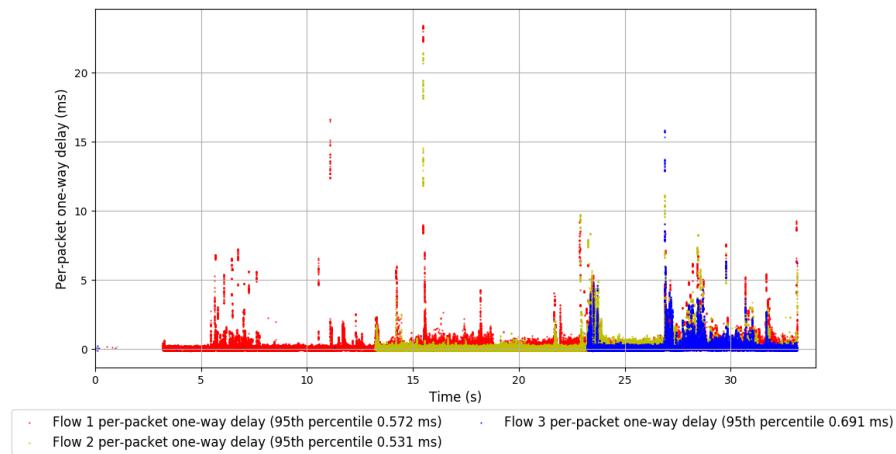
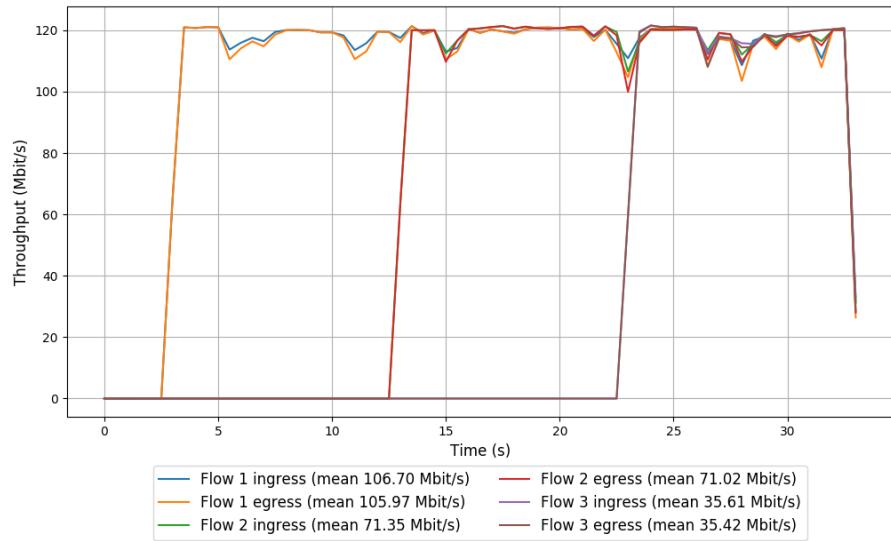


Run 3: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 22:53:36 +0000
End at: Tue, 04 Jul 2017 22:54:06 +0000
Local clock offset: -0.094 ms
Remote clock offset: -1.195 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:36:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 212.16 Mbit/s
95th percentile per-packet one-way delay: 0.574 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 105.97 Mbit/s
95th percentile per-packet one-way delay: 0.572 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 71.02 Mbit/s
95th percentile per-packet one-way delay: 0.531 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 35.42 Mbit/s
95th percentile per-packet one-way delay: 0.691 ms
Loss rate: 0.57%
```

Run 3: Report of Saturator — Data Link

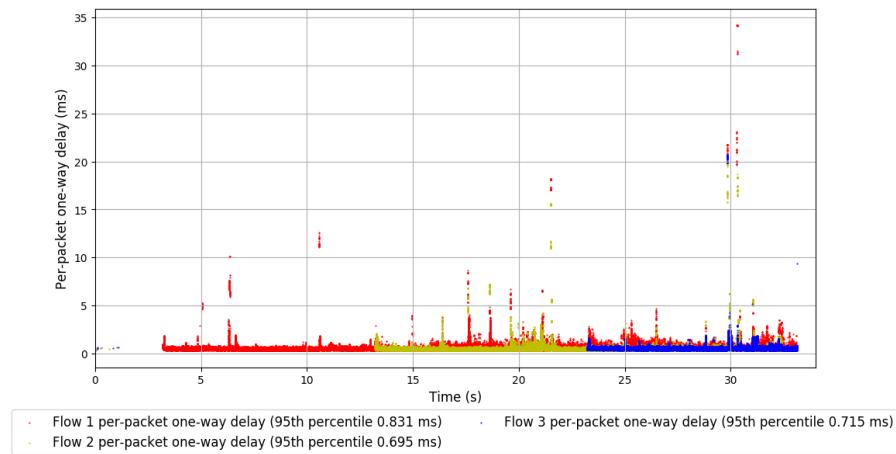
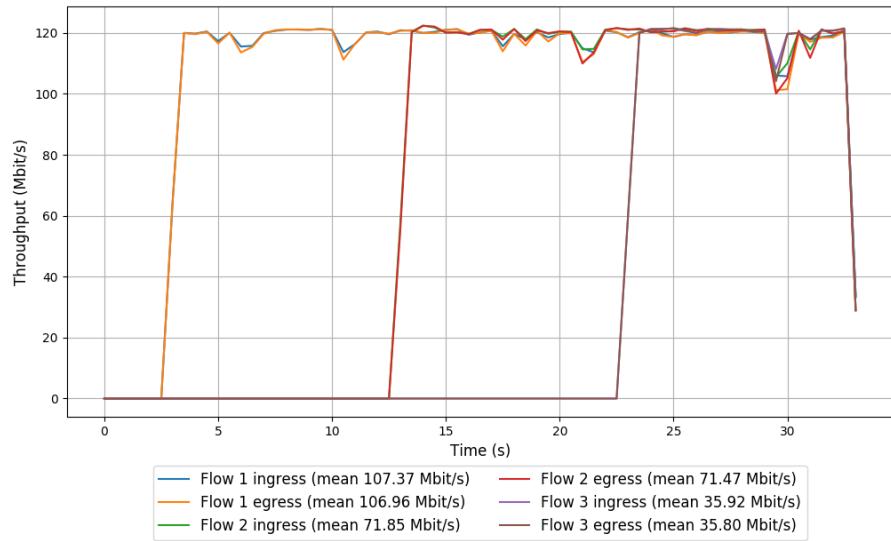


Run 4: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 23:14:26 +0000
End at: Tue, 04 Jul 2017 23:14:56 +0000
Local clock offset: -0.334 ms
Remote clock offset: -0.971 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:36:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 213.95 Mbit/s
95th percentile per-packet one-way delay: 0.765 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 106.96 Mbit/s
95th percentile per-packet one-way delay: 0.831 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 71.47 Mbit/s
95th percentile per-packet one-way delay: 0.695 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: 0.715 ms
Loss rate: 0.39%
```

Run 4: Report of Saturator — Data Link

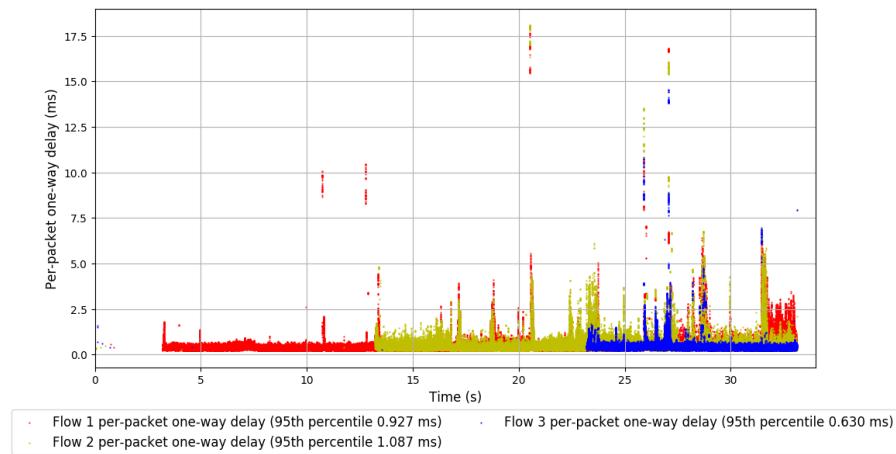
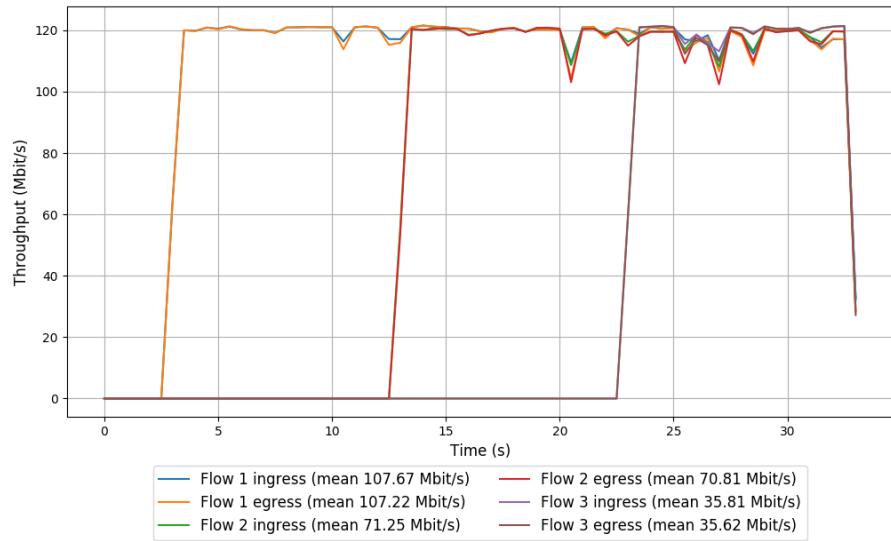


Run 5: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 23:35:11 +0000
End at: Tue, 04 Jul 2017 23:35:41 +0000
Local clock offset: -0.268 ms
Remote clock offset: -1.09 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:36:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 213.40 Mbit/s
95th percentile per-packet one-way delay: 0.939 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 107.22 Mbit/s
95th percentile per-packet one-way delay: 0.927 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 70.81 Mbit/s
95th percentile per-packet one-way delay: 1.087 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 0.630 ms
Loss rate: 0.59%
```

Run 5: Report of Saturator — Data Link

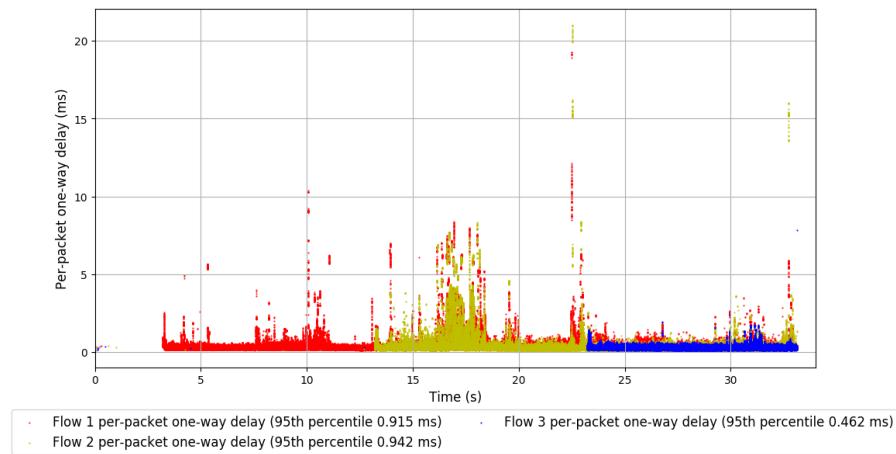
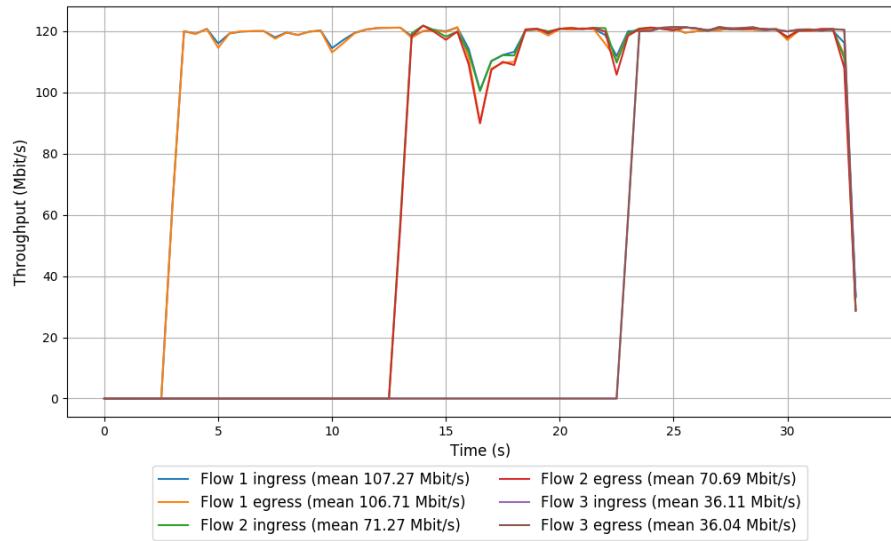


Run 6: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 23:55:55 +0000
End at: Tue, 04 Jul 2017 23:56:25 +0000
Local clock offset: -0.219 ms
Remote clock offset: -1.075 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:37:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 213.17 Mbit/s
95th percentile per-packet one-way delay: 0.780 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 106.71 Mbit/s
95th percentile per-packet one-way delay: 0.915 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 70.69 Mbit/s
95th percentile per-packet one-way delay: 0.942 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 36.04 Mbit/s
95th percentile per-packet one-way delay: 0.462 ms
Loss rate: 0.23%
```

Run 6: Report of Saturator — Data Link

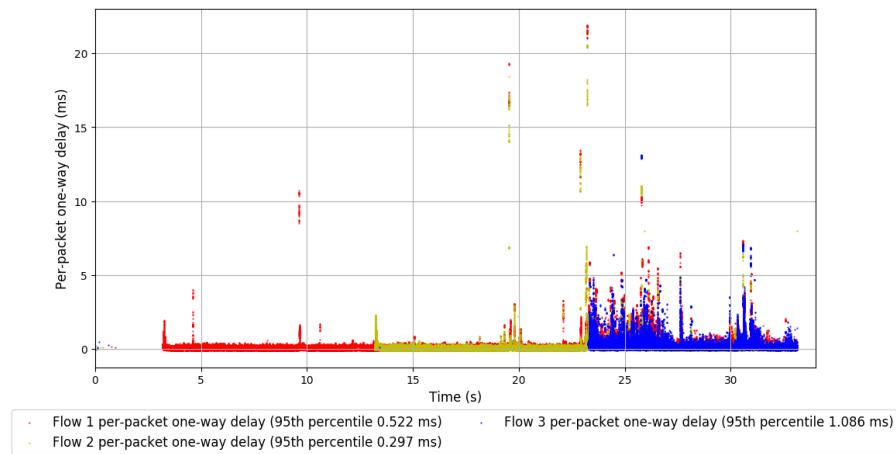
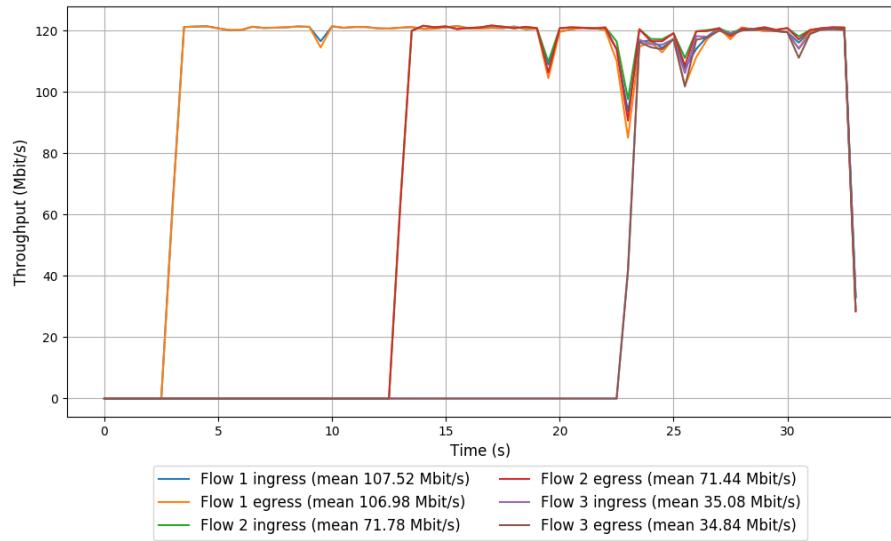


Run 7: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 00:16:39 +0000
End at: Wed, 05 Jul 2017 00:17:09 +0000
Local clock offset: -0.036 ms
Remote clock offset: -1.061 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:37:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 212.99 Mbit/s
95th percentile per-packet one-way delay: 0.558 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 106.98 Mbit/s
95th percentile per-packet one-way delay: 0.522 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 71.44 Mbit/s
95th percentile per-packet one-way delay: 0.297 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 34.84 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.75%
```

Run 7: Report of Saturator — Data Link

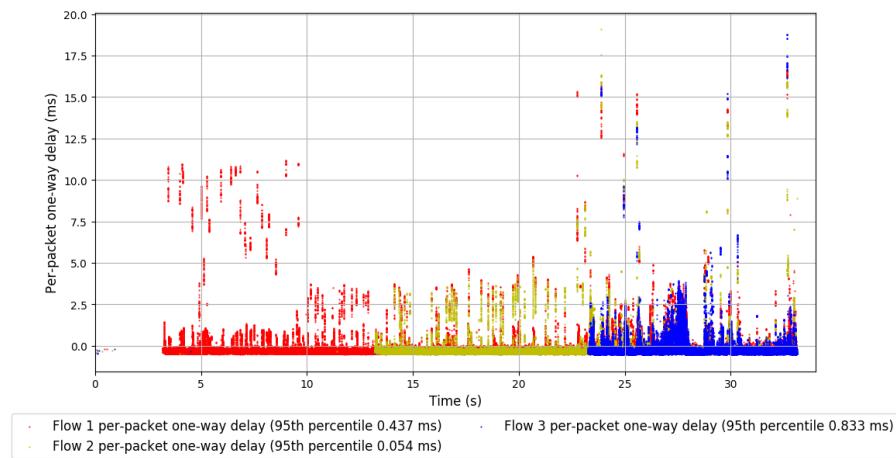
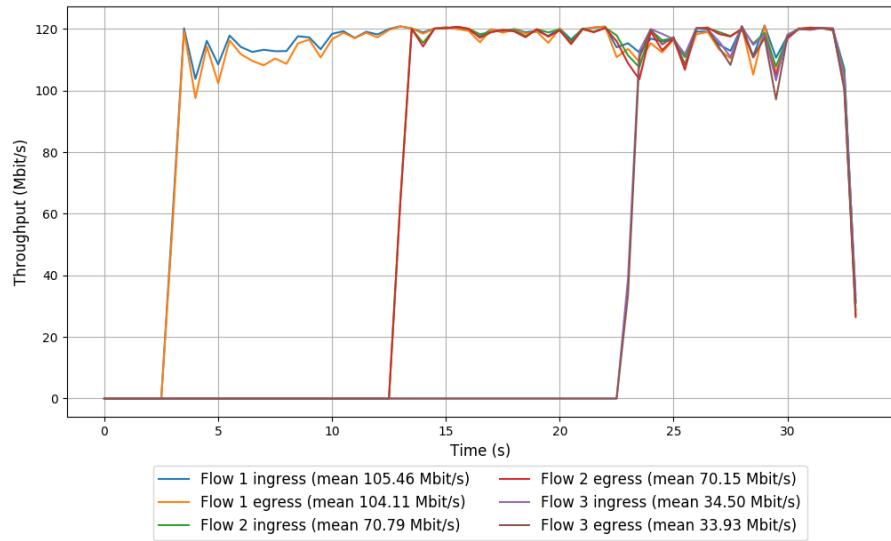


Run 8: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 00:37:19 +0000
End at: Wed, 05 Jul 2017 00:37:49 +0000
Local clock offset: 0.353 ms
Remote clock offset: -1.091 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:37:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 207.93 Mbit/s
95th percentile per-packet one-way delay: 0.399 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 104.11 Mbit/s
95th percentile per-packet one-way delay: 0.437 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 70.15 Mbit/s
95th percentile per-packet one-way delay: 0.054 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 33.93 Mbit/s
95th percentile per-packet one-way delay: 0.833 ms
Loss rate: 1.72%
```

Run 8: Report of Saturator — Data Link

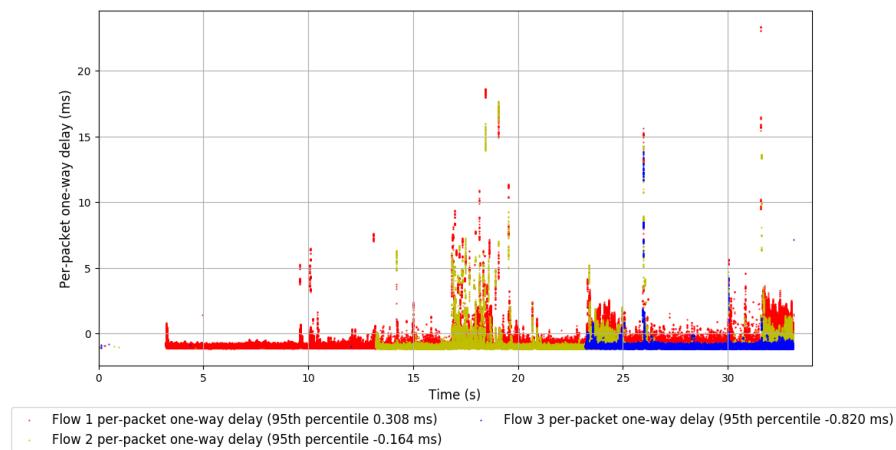
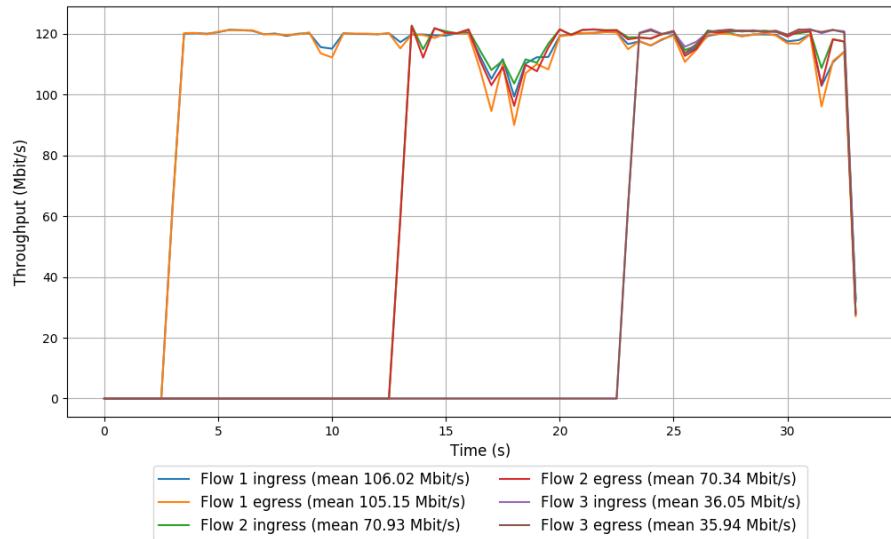


Run 9: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 00:57:53 +0000
End at: Wed, 05 Jul 2017 00:58:23 +0000
Local clock offset: 0.69 ms
Remote clock offset: -1.501 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:37:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 211.17 Mbit/s
95th percentile per-packet one-way delay: -0.066 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 105.15 Mbit/s
95th percentile per-packet one-way delay: 0.308 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 70.34 Mbit/s
95th percentile per-packet one-way delay: -0.164 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: -0.820 ms
Loss rate: 0.33%
```

Run 9: Report of Saturator — Data Link

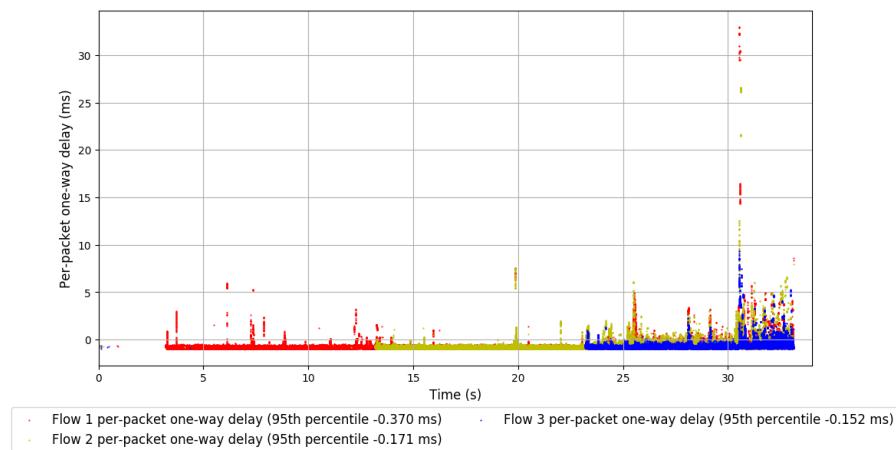
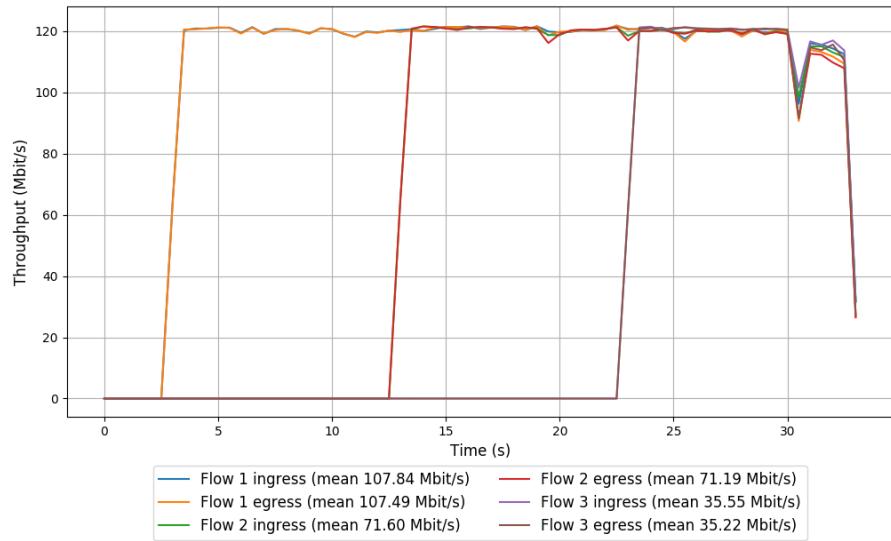


Run 10: Statistics of Saturator

```
Start at: Wed, 05 Jul 2017 01:18:32 +0000
End at: Wed, 05 Jul 2017 01:19:02 +0000
Local clock offset: 0.569 ms
Remote clock offset: -1.39 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 213.66 Mbit/s
95th percentile per-packet one-way delay: -0.260 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 107.49 Mbit/s
95th percentile per-packet one-way delay: -0.370 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 71.19 Mbit/s
95th percentile per-packet one-way delay: -0.171 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 35.22 Mbit/s
95th percentile per-packet one-way delay: -0.152 ms
Loss rate: 0.99%
```

Run 10: Report of Saturator — Data Link

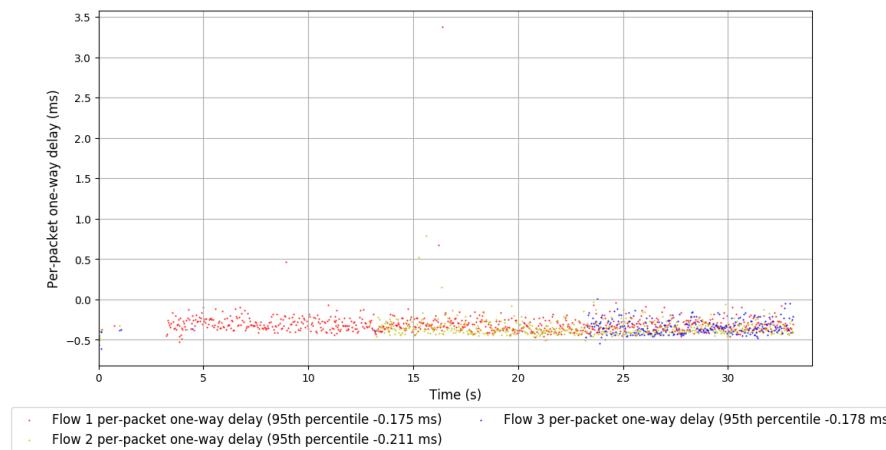
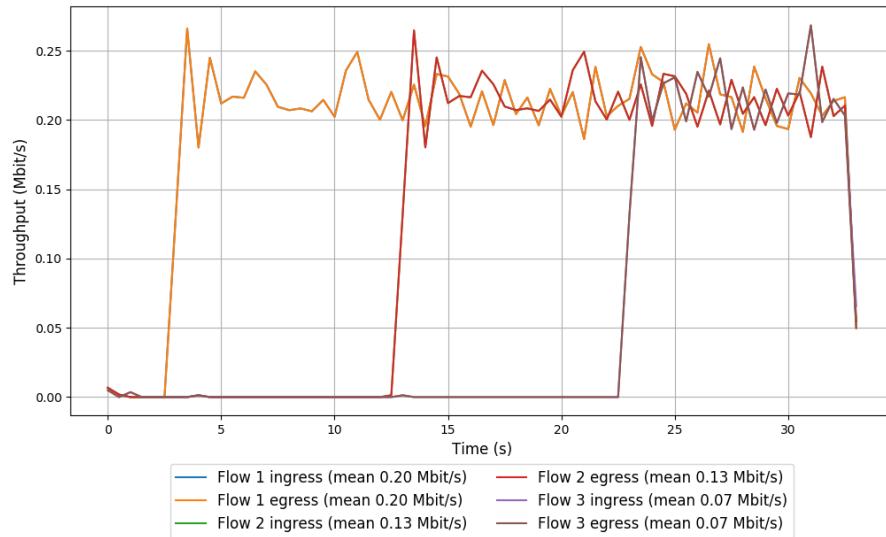


Run 1: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 22:25:22 +0000
End at: Tue, 04 Jul 2017 22:25:52 +0000
Local clock offset: -0.073 ms
Remote clock offset: -1.555 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: -0.181 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -0.175 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: -0.211 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: -0.178 ms
Loss rate: 0.35%
```

Run 1: Report of SCReAM — Data Link

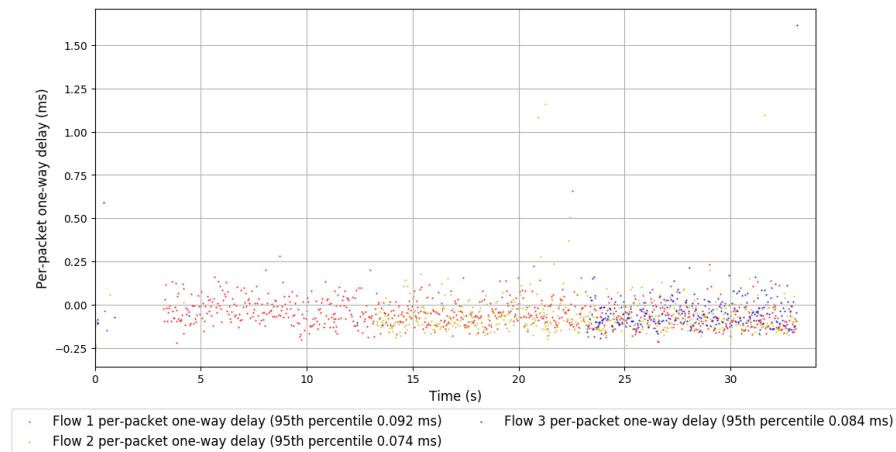
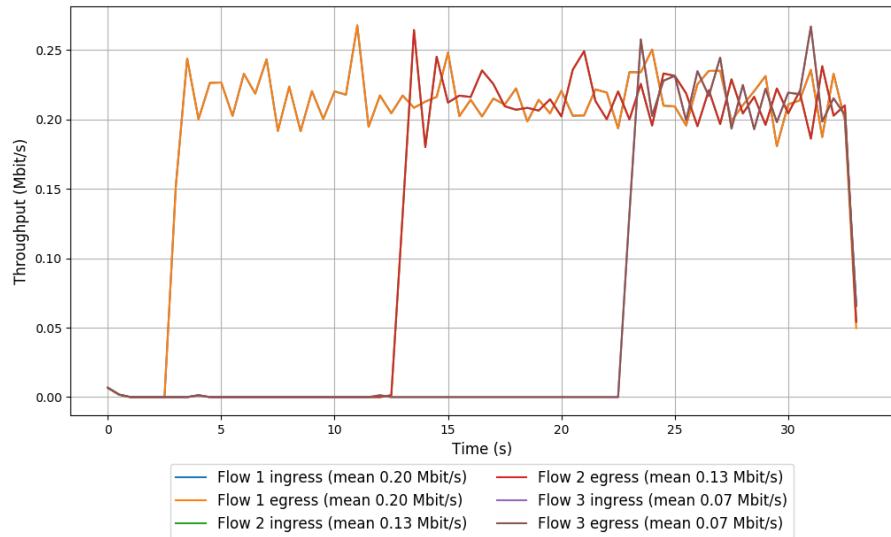


Run 2: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 22:46:02 +0000
End at: Tue, 04 Jul 2017 22:46:32 +0000
Local clock offset: 0.053 ms
Remote clock offset: -1.237 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 0.088 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 0.092 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 0.074 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 0.084 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

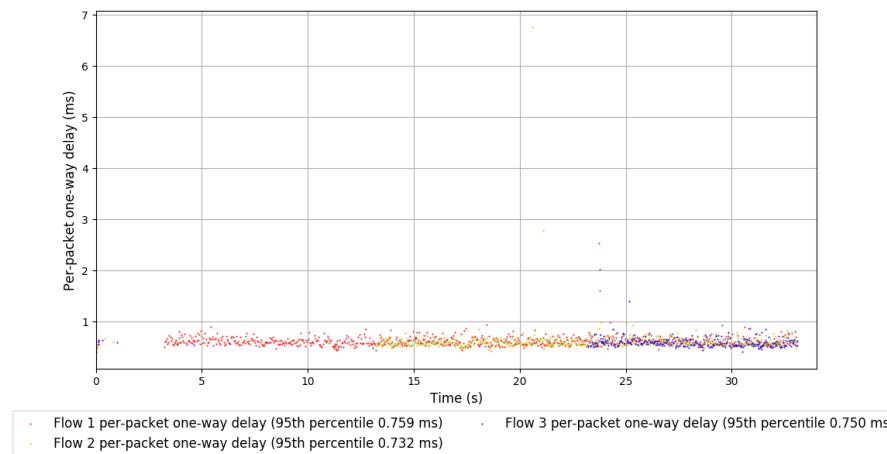
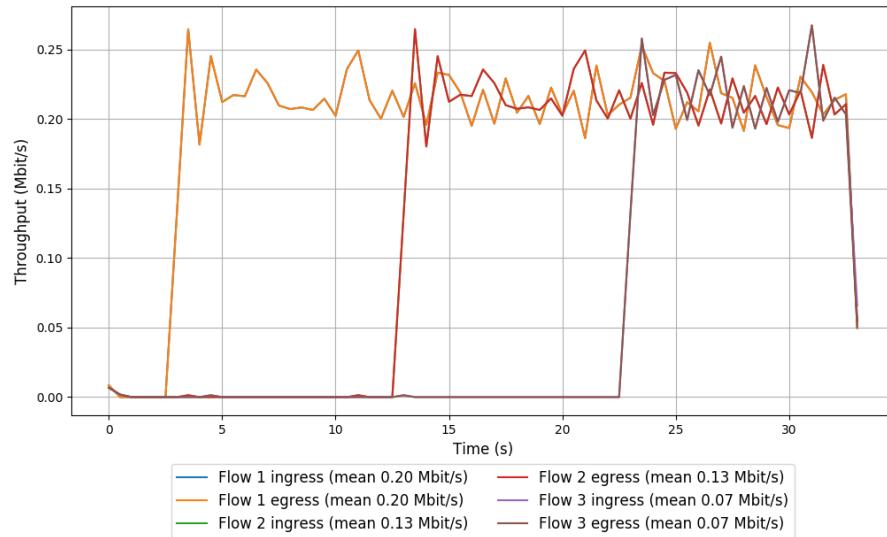


Run 3: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 23:06:39 +0000
End at: Tue, 04 Jul 2017 23:07:09 +0000
Local clock offset: -0.263 ms
Remote clock offset: -0.885 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 0.750 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 0.759 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 0.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 0.750 ms
Loss rate: 0.35%
```

Run 3: Report of SCReAM — Data Link

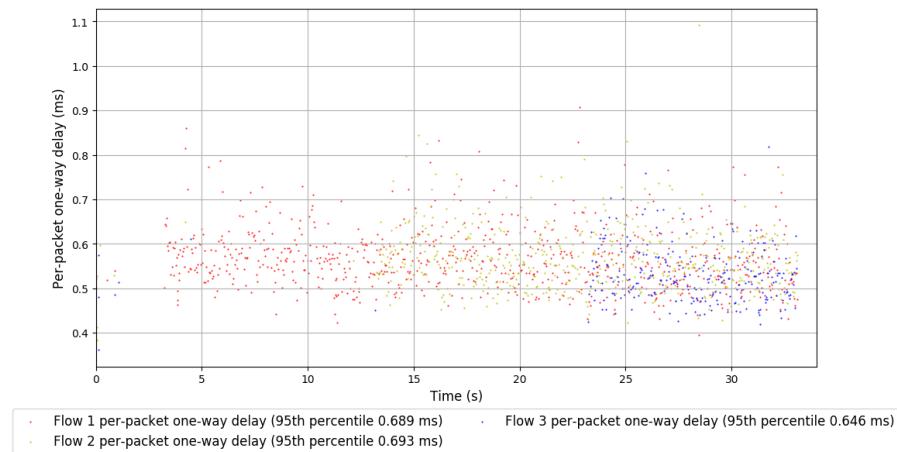
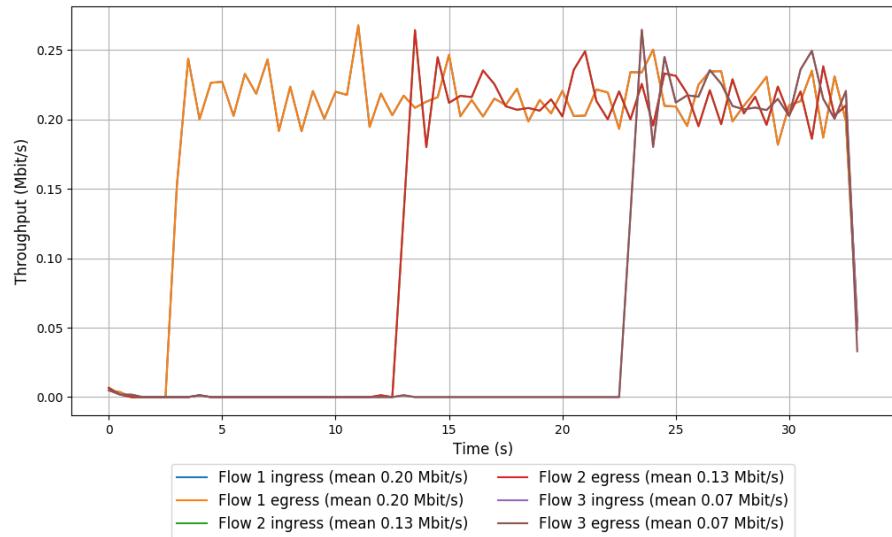


Run 4: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 23:27:29 +0000
End at: Tue, 04 Jul 2017 23:27:59 +0000
Local clock offset: -0.397 ms
Remote clock offset: -0.968 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 0.684 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 0.689 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 0.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 0.646 ms
Loss rate: 0.35%
```

Run 4: Report of SCReAM — Data Link

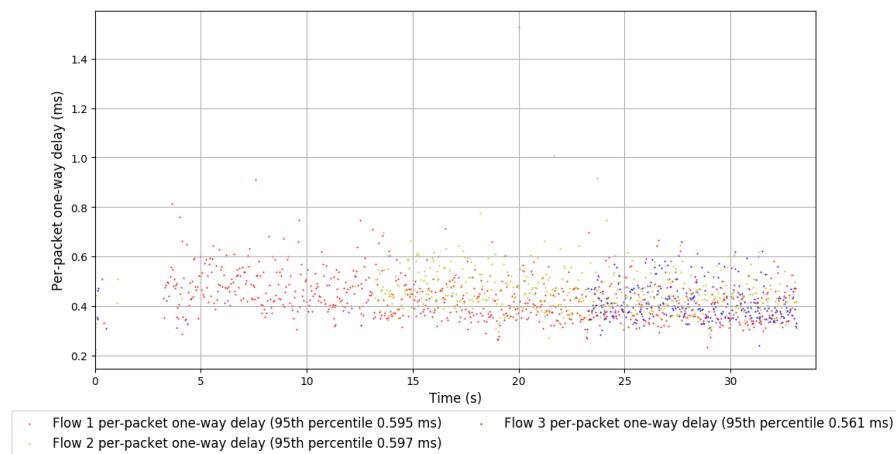
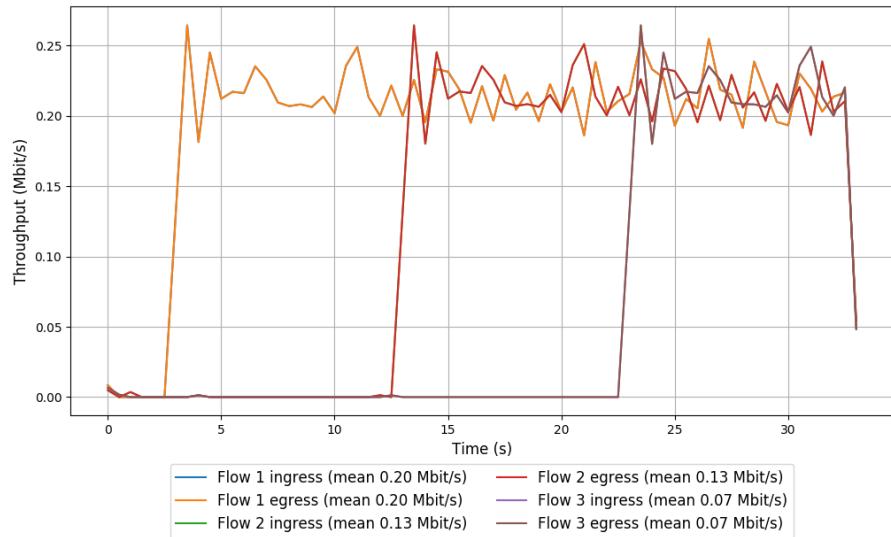


Run 5: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 23:48:08 +0000
End at: Tue, 04 Jul 2017 23:48:38 +0000
Local clock offset: -0.297 ms
Remote clock offset: -1.036 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 0.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 0.595 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 0.597 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 0.561 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

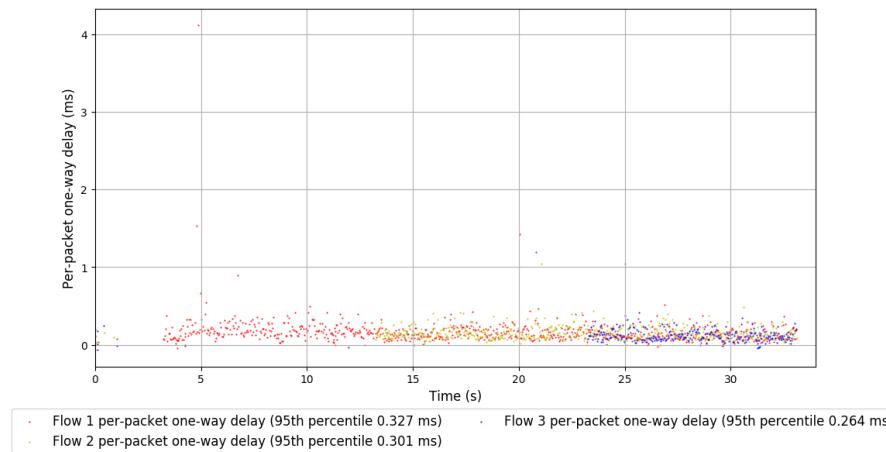
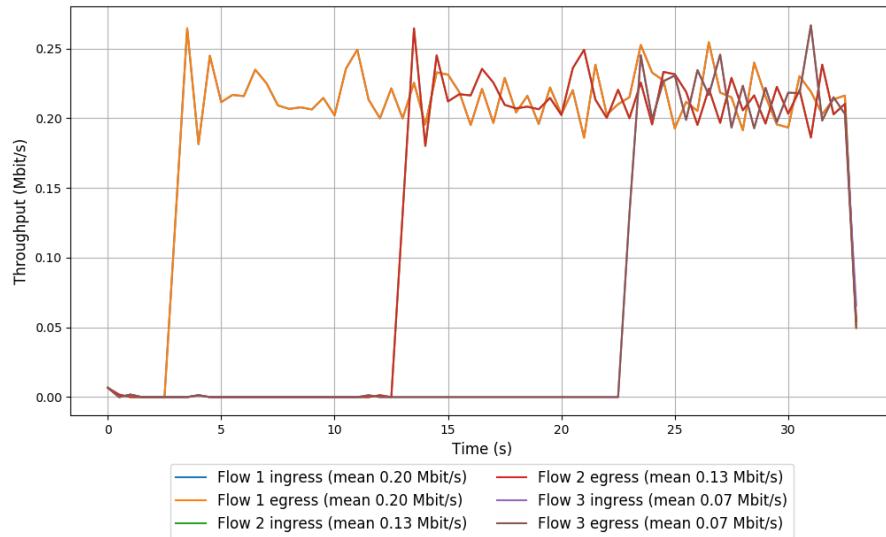


Run 6: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 00:08:58 +0000
End at: Wed, 05 Jul 2017 00:09:28 +0000
Local clock offset: -0.047 ms
Remote clock offset: -1.129 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 0.315 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 0.327 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 0.301 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 0.264 ms
Loss rate: 0.35%
```

Run 6: Report of SCReAM — Data Link

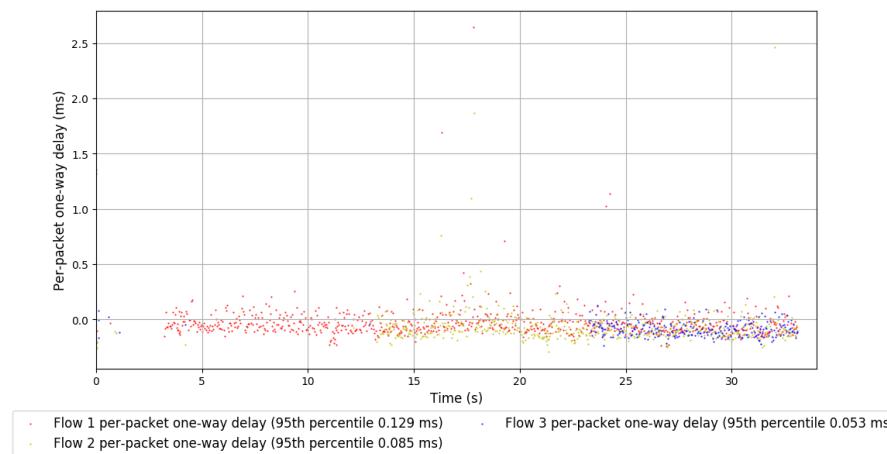
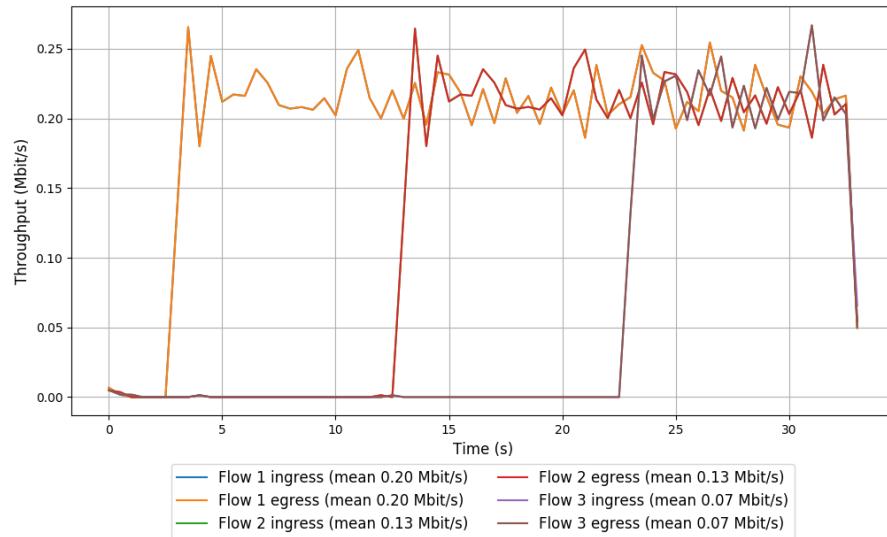


Run 7: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 00:29:46 +0000
End at: Wed, 05 Jul 2017 00:30:16 +0000
Local clock offset: 0.304 ms
Remote clock offset: -0.983 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 0.105 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 0.129 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 0.085 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 0.053 ms
Loss rate: 0.35%
```

Run 7: Report of SCReAM — Data Link

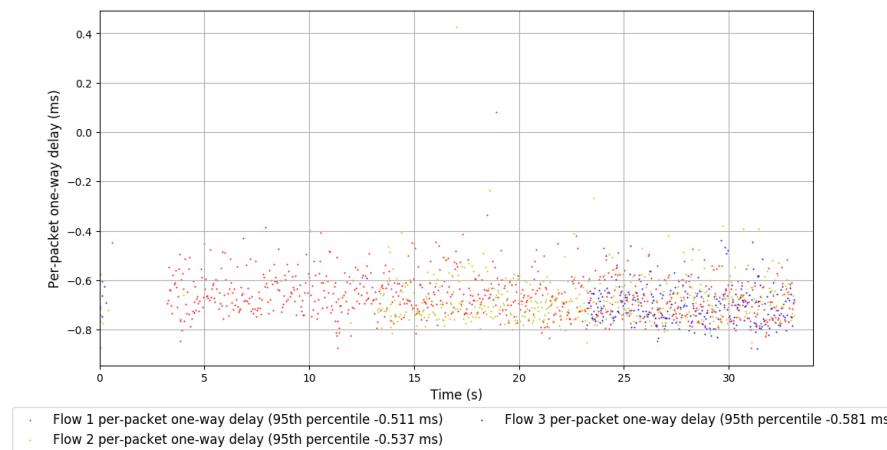
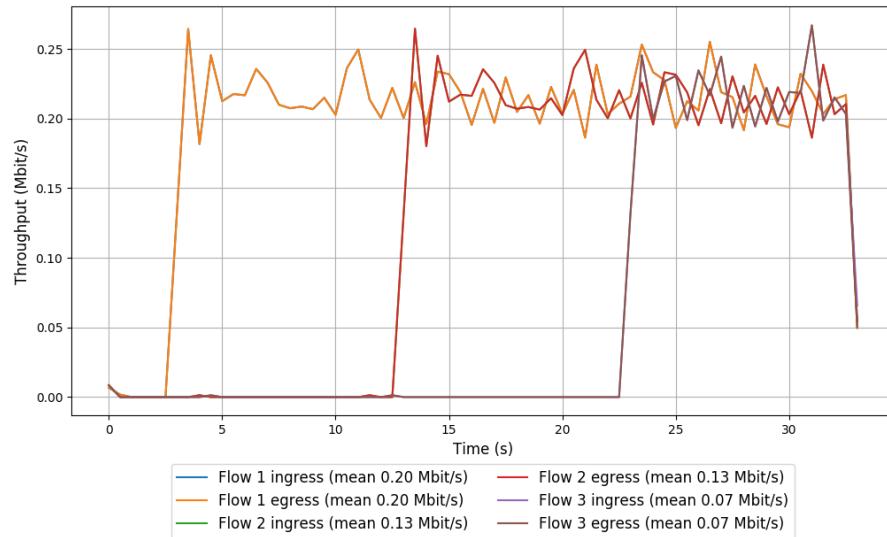


Run 8: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 00:50:16 +0000
End at: Wed, 05 Jul 2017 00:50:46 +0000
Local clock offset: 0.649 ms
Remote clock offset: -1.268 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: -0.519 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -0.511 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: -0.537 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: -0.581 ms
Loss rate: 0.35%
```

Run 8: Report of SCReAM — Data Link

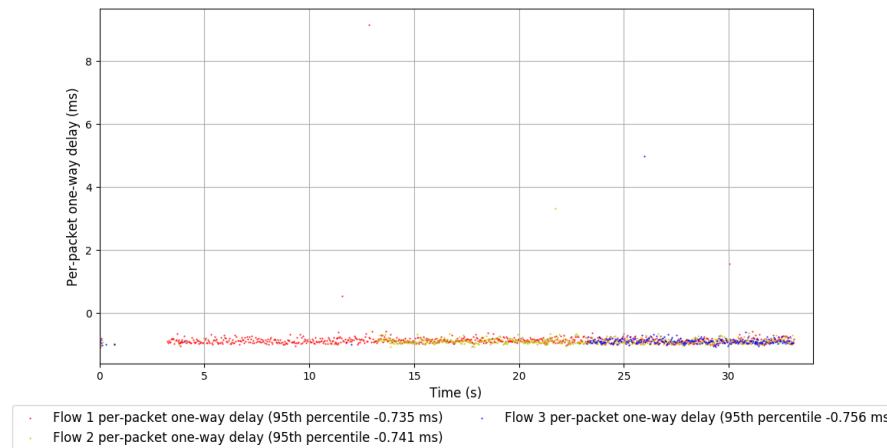
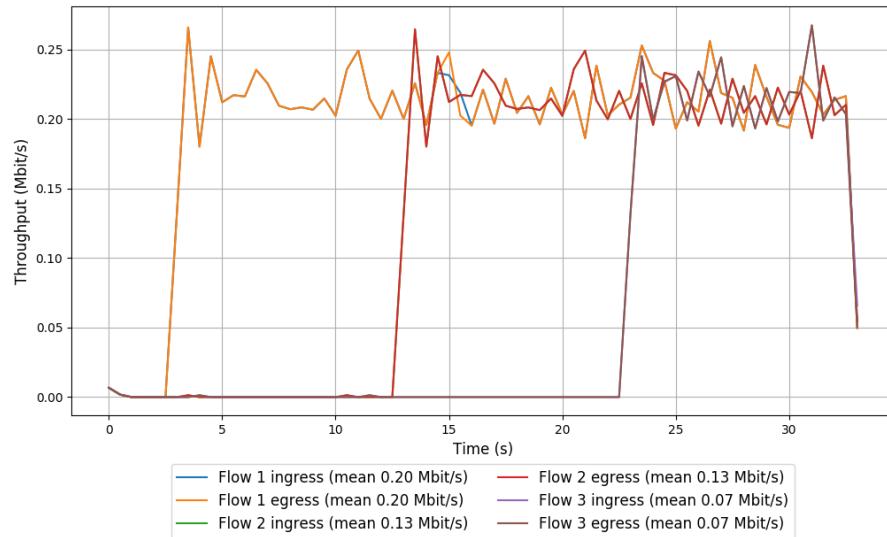


Run 9: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 01:10:51 +0000
End at: Wed, 05 Jul 2017 01:11:21 +0000
Local clock offset: 0.646 ms
Remote clock offset: -1.498 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: -0.739 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -0.735 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: -0.741 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: -0.756 ms
Loss rate: 0.35%
```

Run 9: Report of SCReAM — Data Link

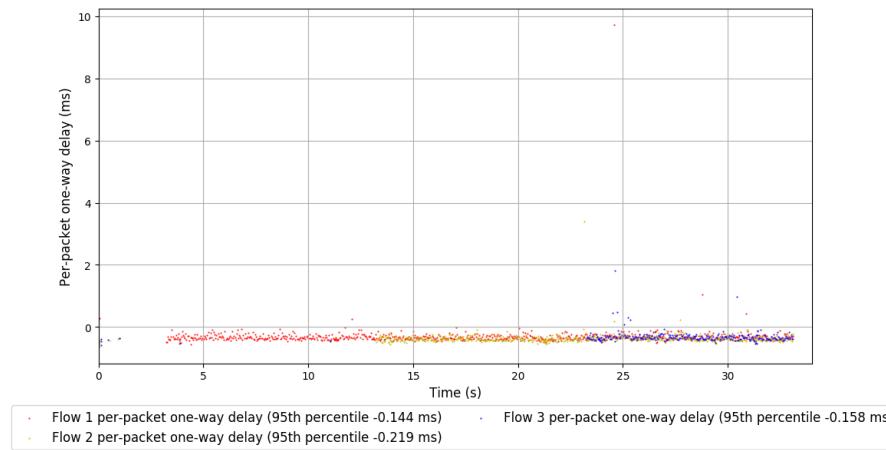
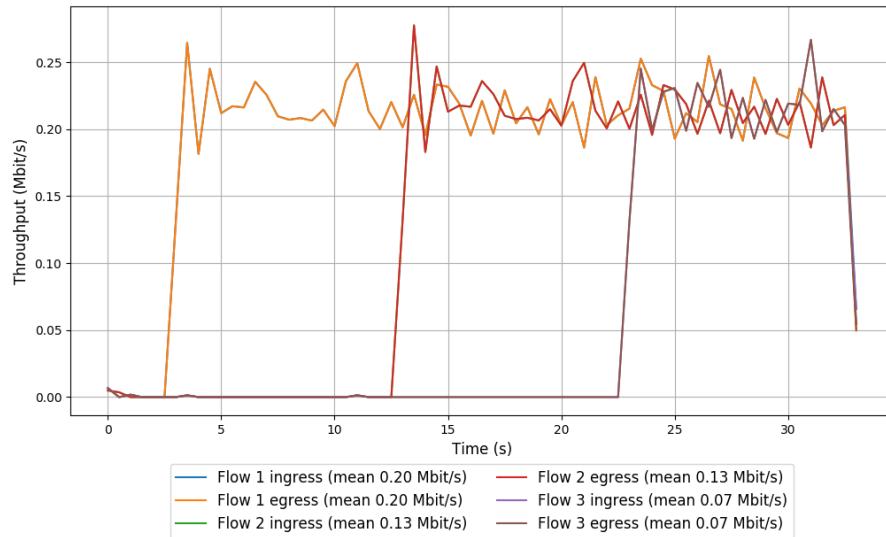


Run 10: Statistics of SCReAM

```
Start at: Wed, 05 Jul 2017 01:31:40 +0000
End at: Wed, 05 Jul 2017 01:32:10 +0000
Local clock offset: 0.353 ms
Remote clock offset: -1.186 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: -0.169 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -0.144 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: -0.219 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: -0.158 ms
Loss rate: 0.35%
```

Run 10: Report of SCReAM — Data Link

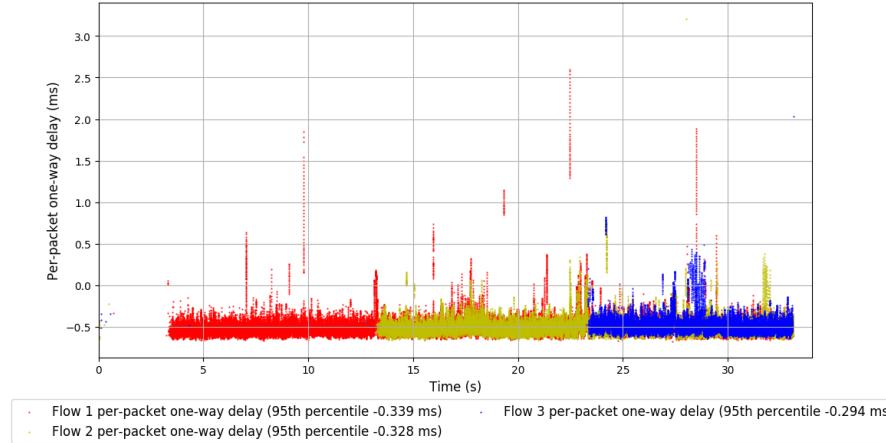
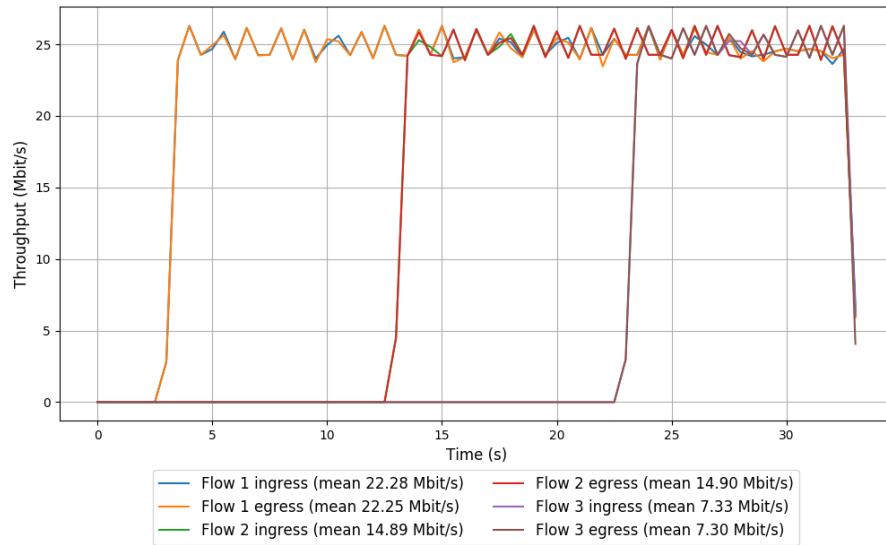


Run 1: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 22:21:40 +0000
End at: Tue, 04 Jul 2017 22:22:10 +0000
Local clock offset: -0.006 ms
Remote clock offset: -1.631 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.38 Mbit/s
95th percentile per-packet one-way delay: -0.327 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 22.25 Mbit/s
95th percentile per-packet one-way delay: -0.339 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 14.90 Mbit/s
95th percentile per-packet one-way delay: -0.328 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: -0.294 ms
Loss rate: 0.41%
```

Run 1: Report of Sprout — Data Link

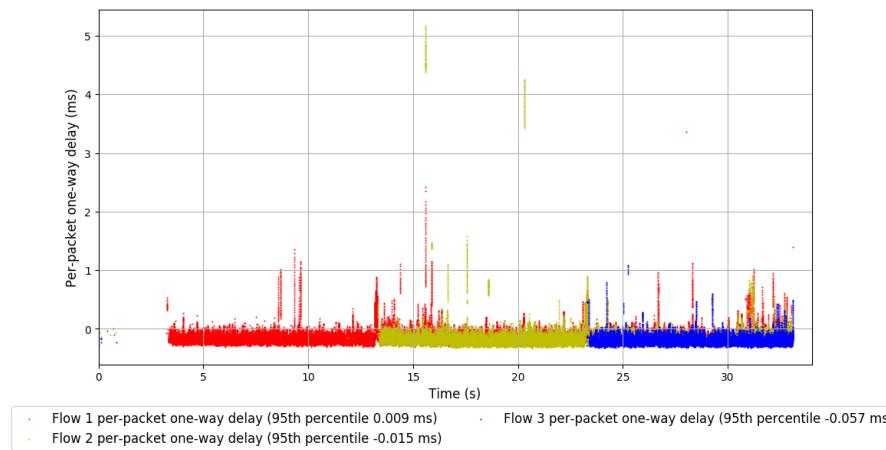
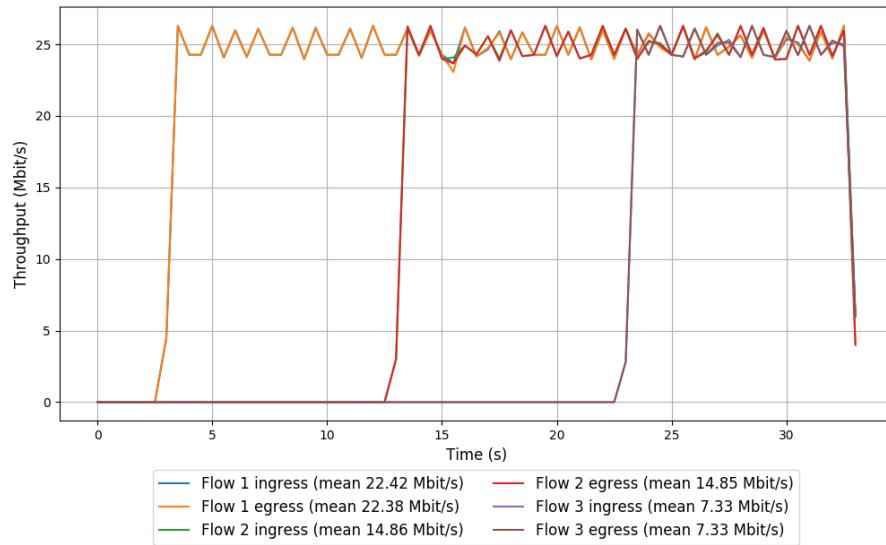


Run 2: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 22:42:21 +0000
End at: Tue, 04 Jul 2017 22:42:51 +0000
Local clock offset: 0.058 ms
Remote clock offset: -1.316 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.49 Mbit/s
95th percentile per-packet one-way delay: -0.009 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 0.009 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 14.85 Mbit/s
95th percentile per-packet one-way delay: -0.015 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 7.33 Mbit/s
95th percentile per-packet one-way delay: -0.057 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

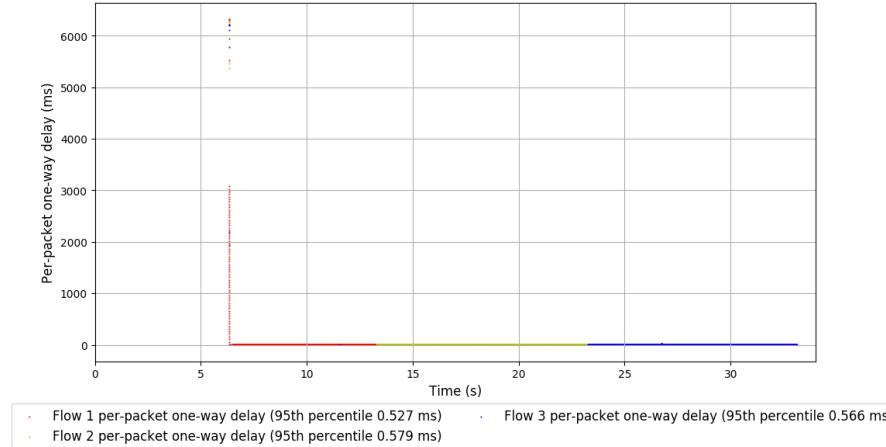
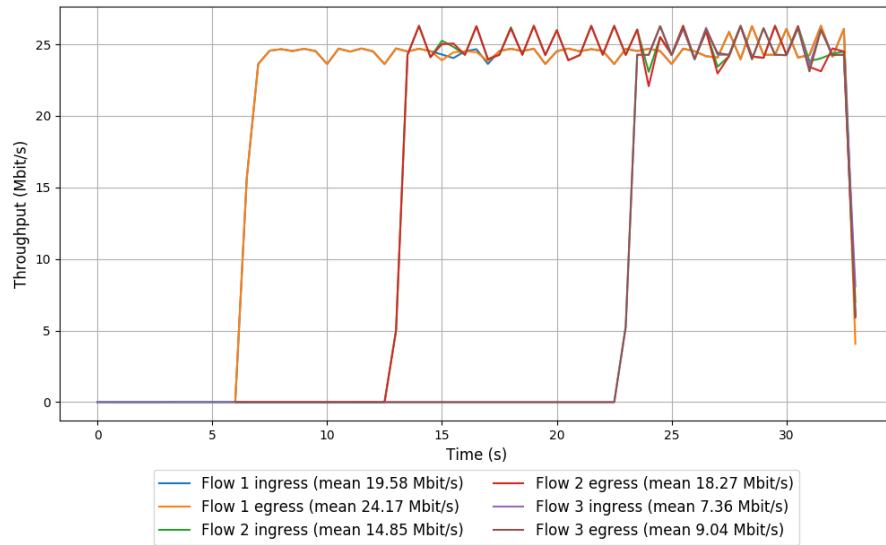


Run 3: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 23:02:58 +0000
End at: Tue, 04 Jul 2017 23:03:28 +0000
Local clock offset: -0.256 ms
Remote clock offset: -0.917 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.46 Mbit/s
95th percentile per-packet one-way delay: 0.551 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 0.527 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 18.27 Mbit/s
95th percentile per-packet one-way delay: 0.579 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 9.04 Mbit/s
95th percentile per-packet one-way delay: 0.566 ms
Loss rate: 0.50%
```

Run 3: Report of Sprout — Data Link

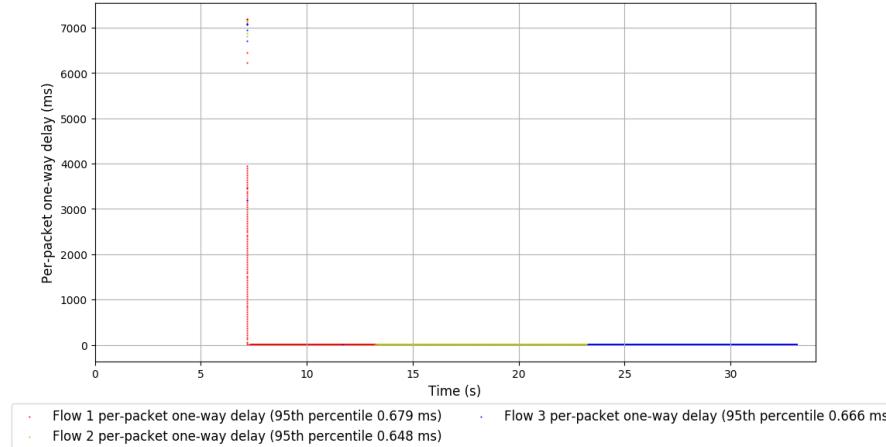
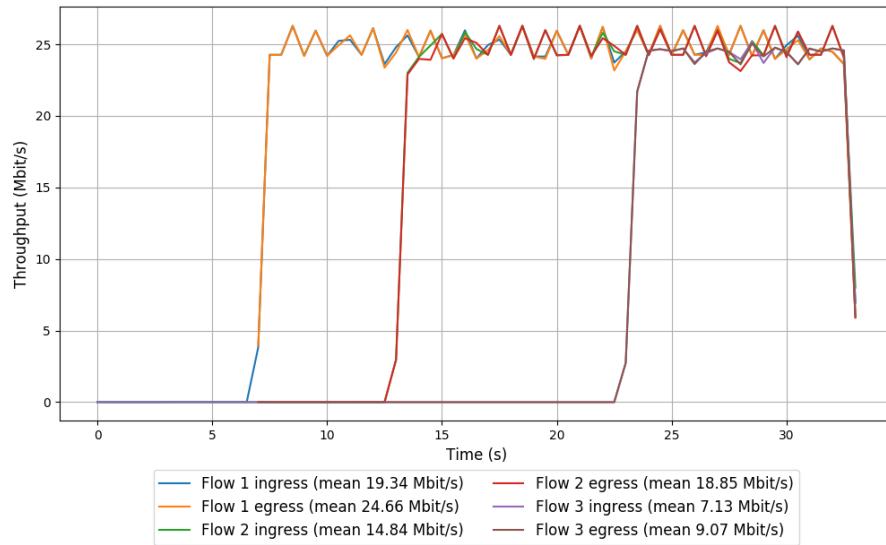


Run 4: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 23:23:48 +0000
End at: Tue, 04 Jul 2017 23:24:18 +0000
Local clock offset: -0.407 ms
Remote clock offset: -1.077 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.55 Mbit/s
95th percentile per-packet one-way delay: 0.666 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 0.679 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 18.85 Mbit/s
95th percentile per-packet one-way delay: 0.648 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 0.666 ms
Loss rate: 0.21%
```

Run 4: Report of Sprout — Data Link

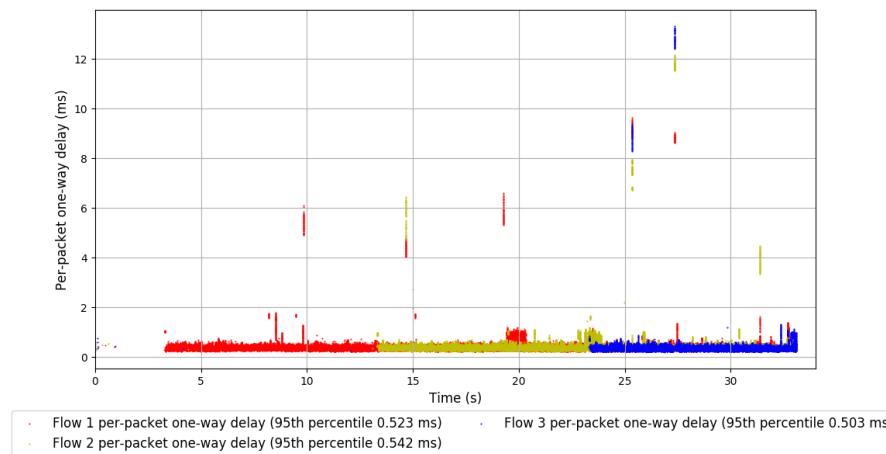
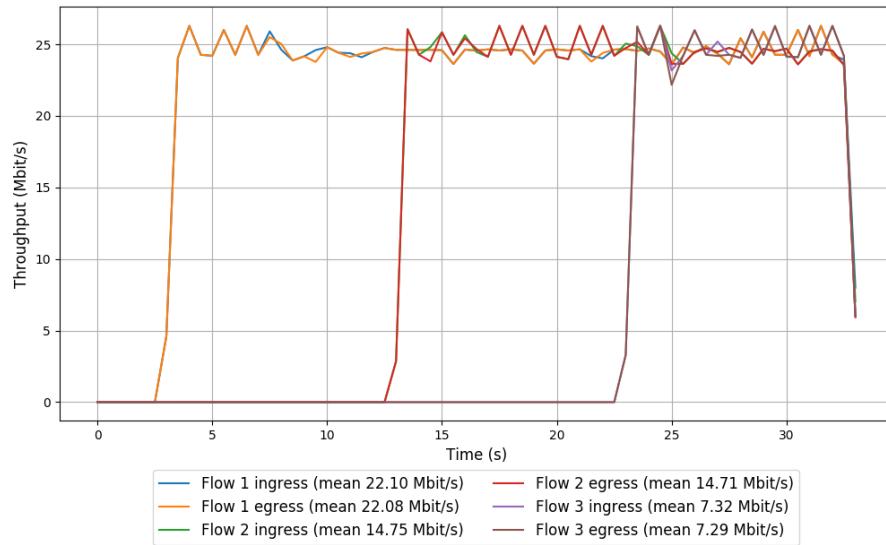


Run 5: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 23:44:27 +0000
End at: Tue, 04 Jul 2017 23:44:57 +0000
Local clock offset: -0.292 ms
Remote clock offset: -1.047 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.00 Mbit/s
95th percentile per-packet one-way delay: 0.526 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 0.523 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 14.71 Mbit/s
95th percentile per-packet one-way delay: 0.542 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 0.503 ms
Loss rate: 0.41%
```

Run 5: Report of Sprout — Data Link

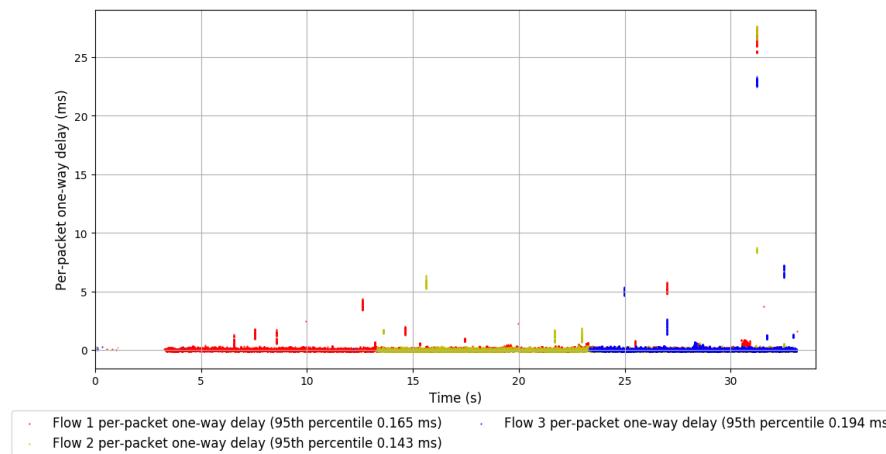
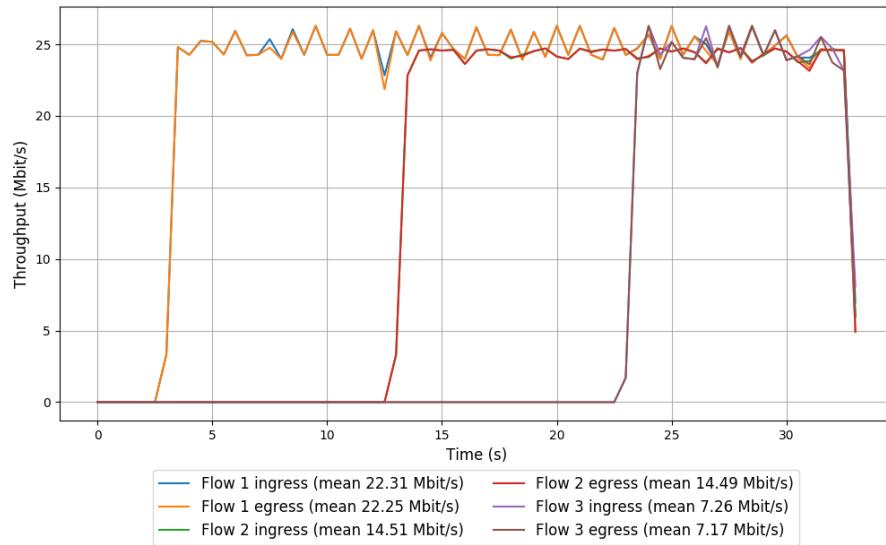


Run 6: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 00:05:20 +0000
End at: Wed, 05 Jul 2017 00:05:50 +0000
Local clock offset: -0.045 ms
Remote clock offset: -1.21 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.85 Mbit/s
95th percentile per-packet one-way delay: 0.163 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 22.25 Mbit/s
95th percentile per-packet one-way delay: 0.165 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 14.49 Mbit/s
95th percentile per-packet one-way delay: 0.143 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 7.17 Mbit/s
95th percentile per-packet one-way delay: 0.194 ms
Loss rate: 1.24%
```

Run 6: Report of Sprout — Data Link

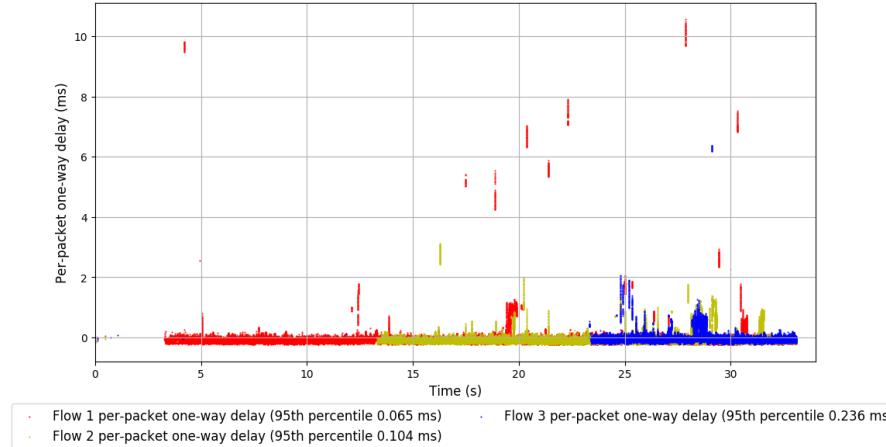
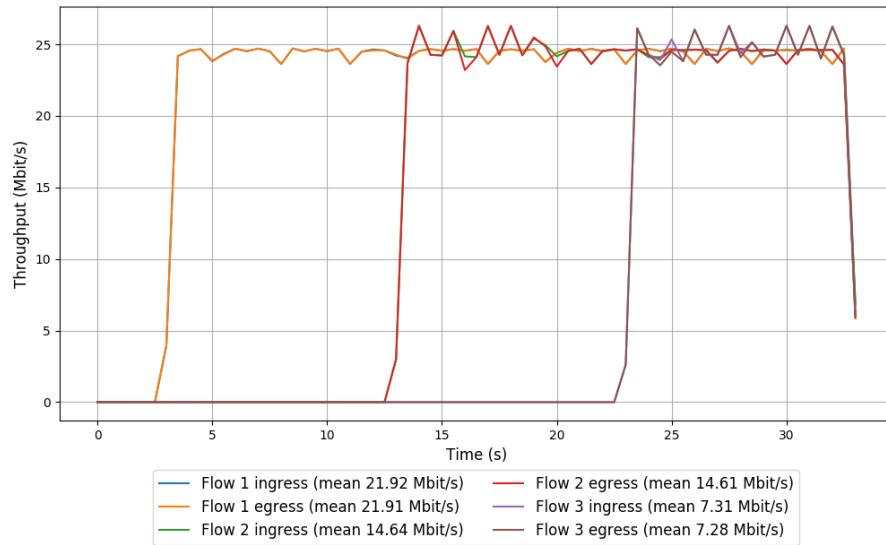


Run 7: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 00:26:05 +0000
End at: Wed, 05 Jul 2017 00:26:35 +0000
Local clock offset: 0.151 ms
Remote clock offset: -1.019 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 0.097 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 21.91 Mbit/s
95th percentile per-packet one-way delay: 0.065 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 14.61 Mbit/s
95th percentile per-packet one-way delay: 0.104 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 0.236 ms
Loss rate: 0.31%
```

Run 7: Report of Sprout — Data Link

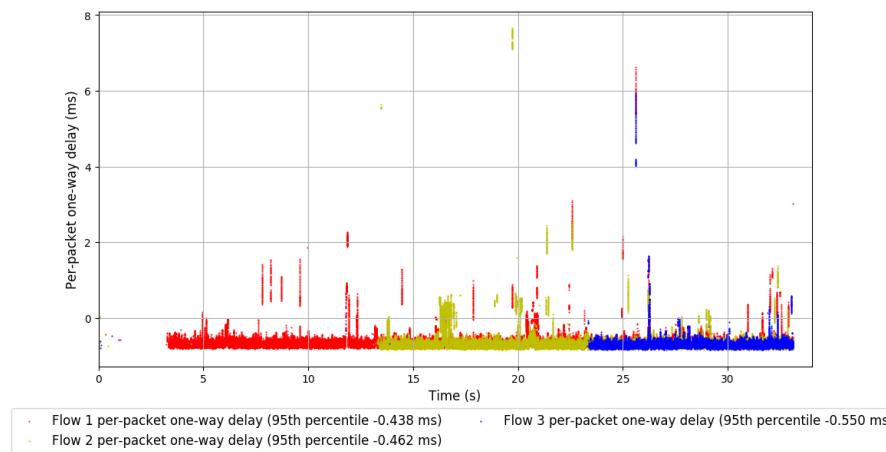
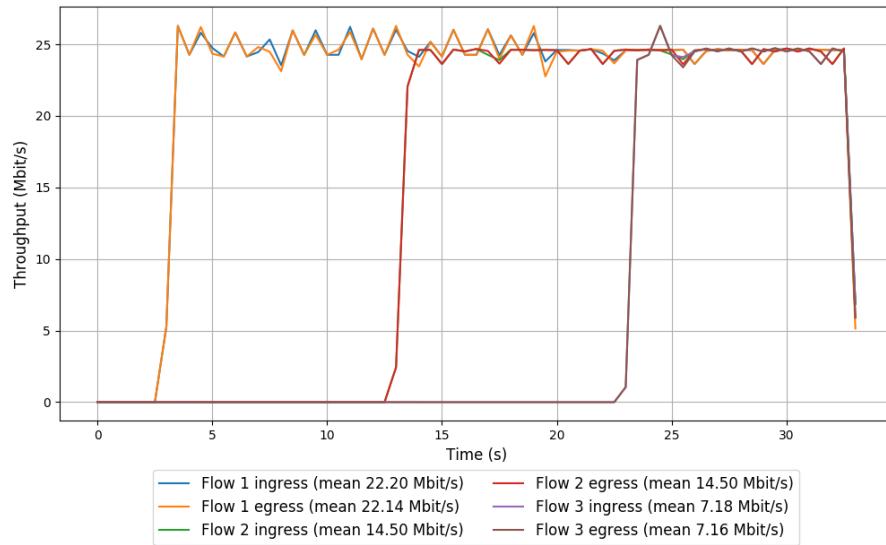


Run 8: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 00:46:36 +0000
End at: Wed, 05 Jul 2017 00:47:06 +0000
Local clock offset: 0.491 ms
Remote clock offset: -1.275 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.74 Mbit/s
95th percentile per-packet one-way delay: -0.466 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: -0.438 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 14.50 Mbit/s
95th percentile per-packet one-way delay: -0.462 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 7.16 Mbit/s
95th percentile per-packet one-way delay: -0.550 ms
Loss rate: 0.38%
```

Run 8: Report of Sprout — Data Link

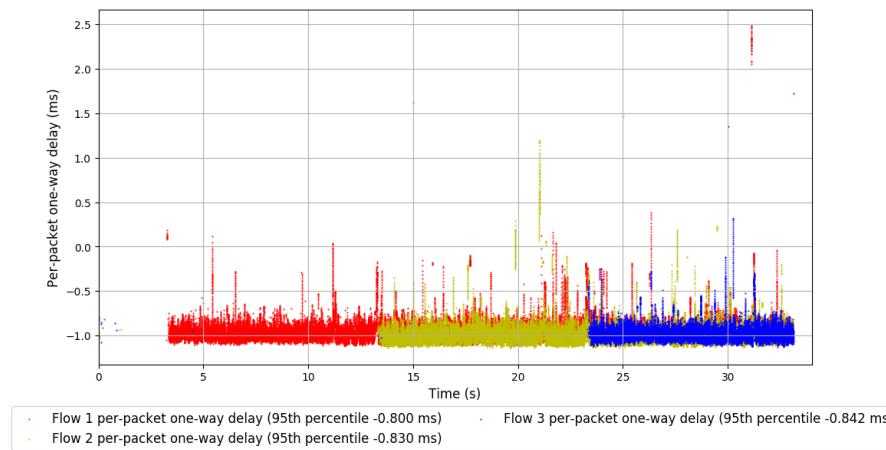
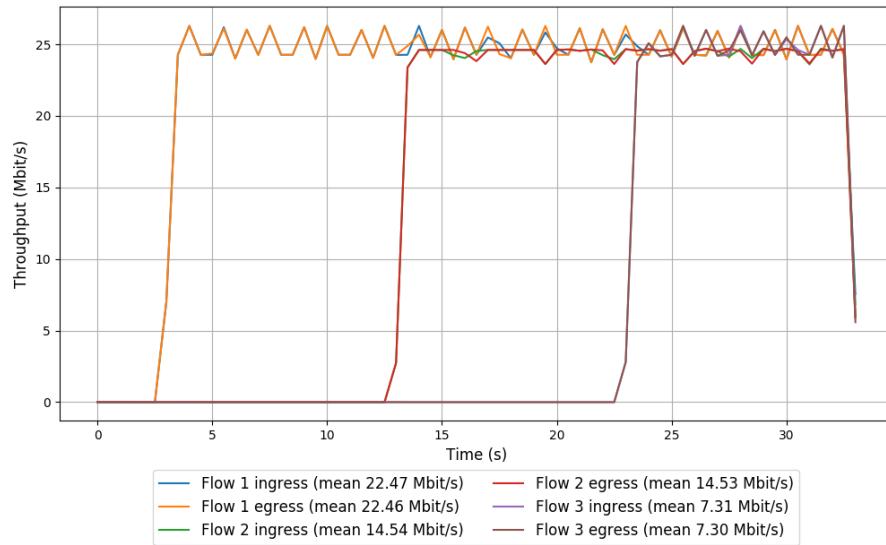


Run 9: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 01:07:11 +0000
End at: Wed, 05 Jul 2017 01:07:41 +0000
Local clock offset: 0.666 ms
Remote clock offset: -1.51 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.23 Mbit/s
95th percentile per-packet one-way delay: -0.816 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 22.46 Mbit/s
95th percentile per-packet one-way delay: -0.800 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 14.53 Mbit/s
95th percentile per-packet one-way delay: -0.830 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: -0.842 ms
Loss rate: 0.14%
```

Run 9: Report of Sprout — Data Link

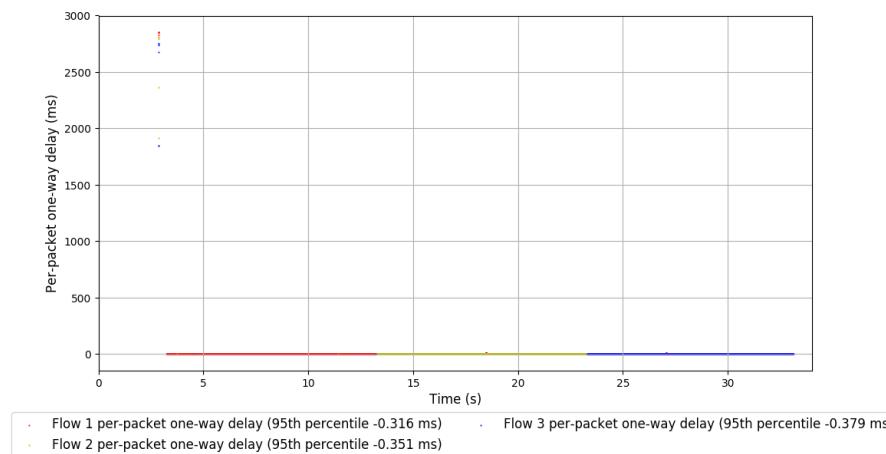
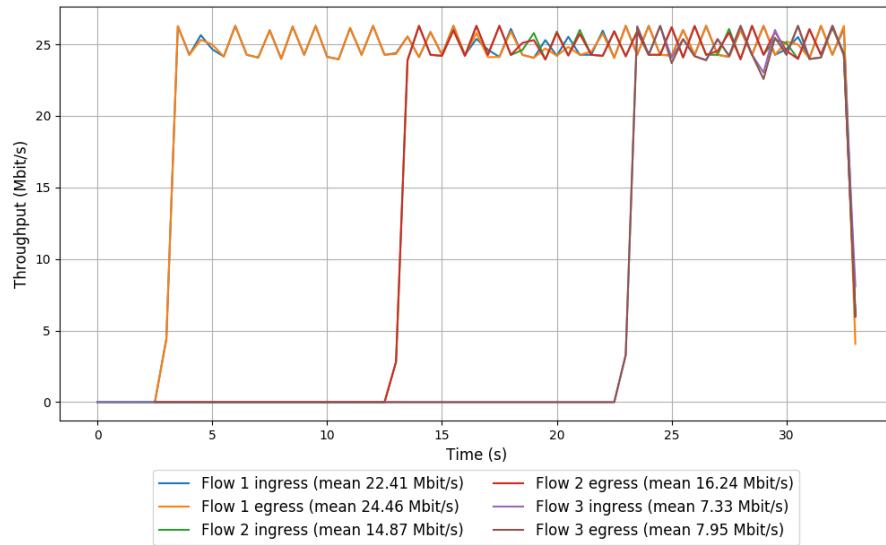


Run 10: Statistics of Sprout

```
Start at: Wed, 05 Jul 2017 01:27:59 +0000
End at: Wed, 05 Jul 2017 01:28:29 +0000
Local clock offset: 0.388 ms
Remote clock offset: -1.216 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:38:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.63 Mbit/s
95th percentile per-packet one-way delay: -0.340 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: -0.316 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 16.24 Mbit/s
95th percentile per-packet one-way delay: -0.351 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: -0.379 ms
Loss rate: 0.70%
```

Run 10: Report of Sprout — Data Link

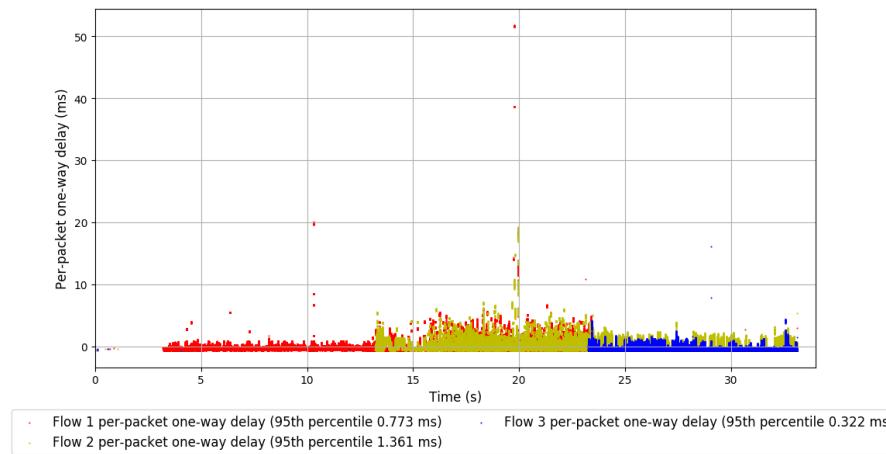
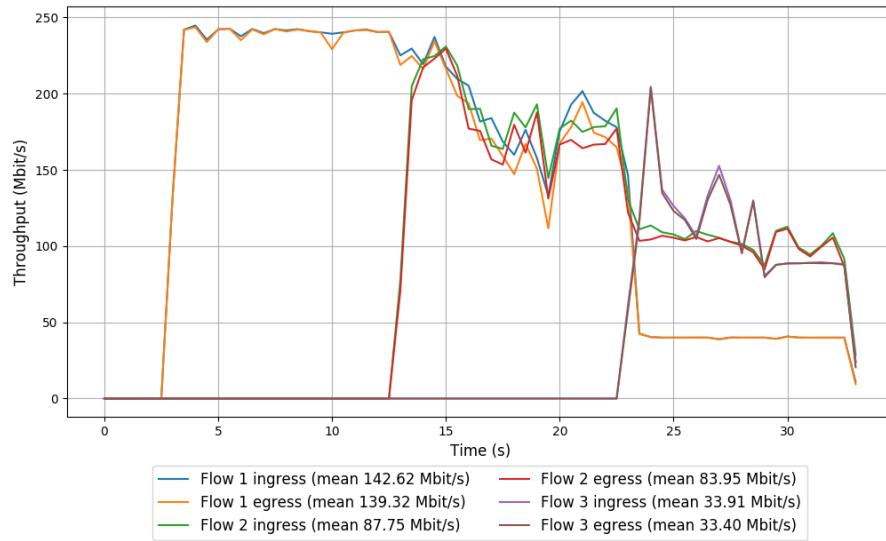


Run 1: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 22:15:16 +0000
End at: Tue, 04 Jul 2017 22:15:46 +0000
Local clock offset: 0.015 ms
Remote clock offset: -1.672 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:39:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 256.42 Mbit/s
95th percentile per-packet one-way delay: 1.063 ms
Loss rate: 2.92%
-- Flow 1:
Average throughput: 139.32 Mbit/s
95th percentile per-packet one-way delay: 0.773 ms
Loss rate: 2.36%
-- Flow 2:
Average throughput: 83.95 Mbit/s
95th percentile per-packet one-way delay: 1.361 ms
Loss rate: 4.36%
-- Flow 3:
Average throughput: 33.40 Mbit/s
95th percentile per-packet one-way delay: 0.322 ms
Loss rate: 1.53%
```

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

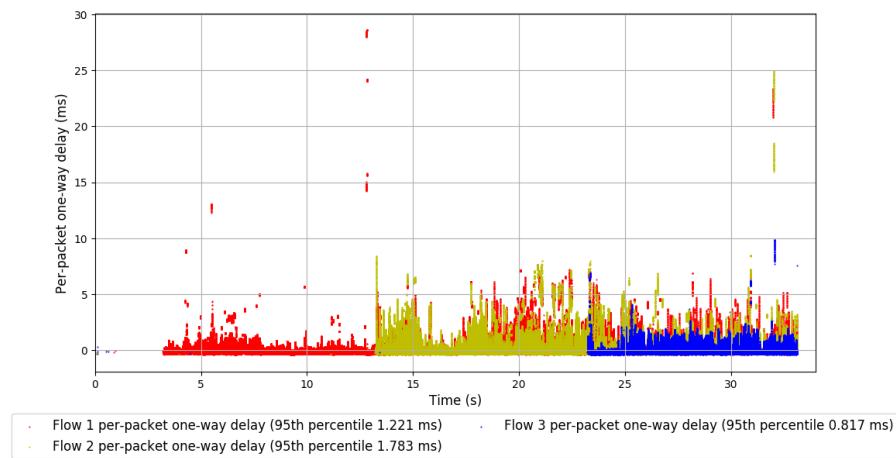
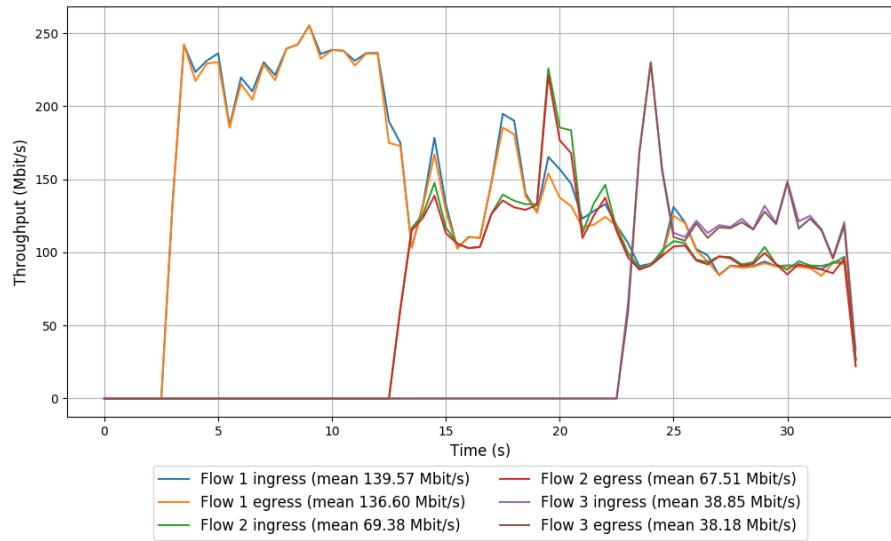


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 22:35:58 +0000
End at: Tue, 04 Jul 2017 22:36:28 +0000
Local clock offset: -0.031 ms
Remote clock offset: -1.375 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:39:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 242.03 Mbit/s
95th percentile per-packet one-way delay: 1.305 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 136.60 Mbit/s
95th percentile per-packet one-way delay: 1.221 ms
Loss rate: 2.19%
-- Flow 2:
Average throughput: 67.51 Mbit/s
95th percentile per-packet one-way delay: 1.783 ms
Loss rate: 2.75%
-- Flow 3:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 0.817 ms
Loss rate: 1.79%
```

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

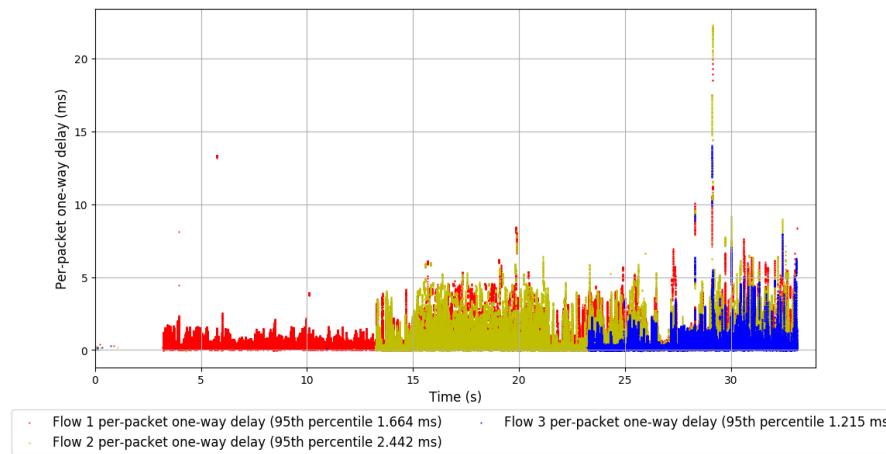
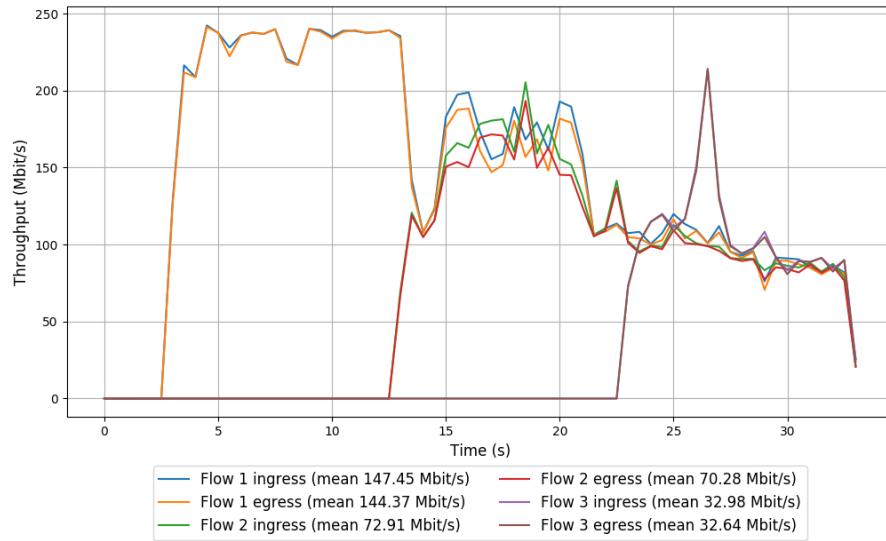


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 22:56:34 +0000
End at: Tue, 04 Jul 2017 22:57:04 +0000
Local clock offset: -0.065 ms
Remote clock offset: -1.082 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:40:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 247.04 Mbit/s
95th percentile per-packet one-way delay: 1.895 ms
Loss rate: 2.44%
-- Flow 1:
Average throughput: 144.37 Mbit/s
95th percentile per-packet one-way delay: 1.664 ms
Loss rate: 2.14%
-- Flow 2:
Average throughput: 70.28 Mbit/s
95th percentile per-packet one-way delay: 2.442 ms
Loss rate: 3.67%
-- Flow 3:
Average throughput: 32.64 Mbit/s
95th percentile per-packet one-way delay: 1.215 ms
Loss rate: 1.09%
```

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

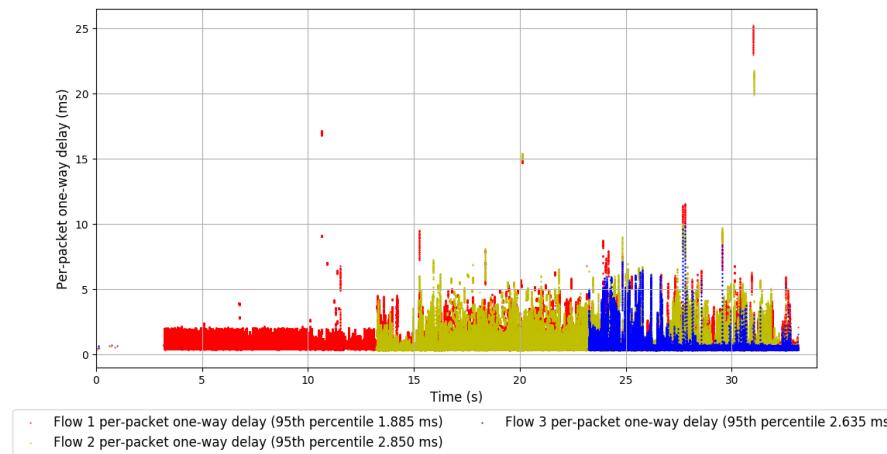
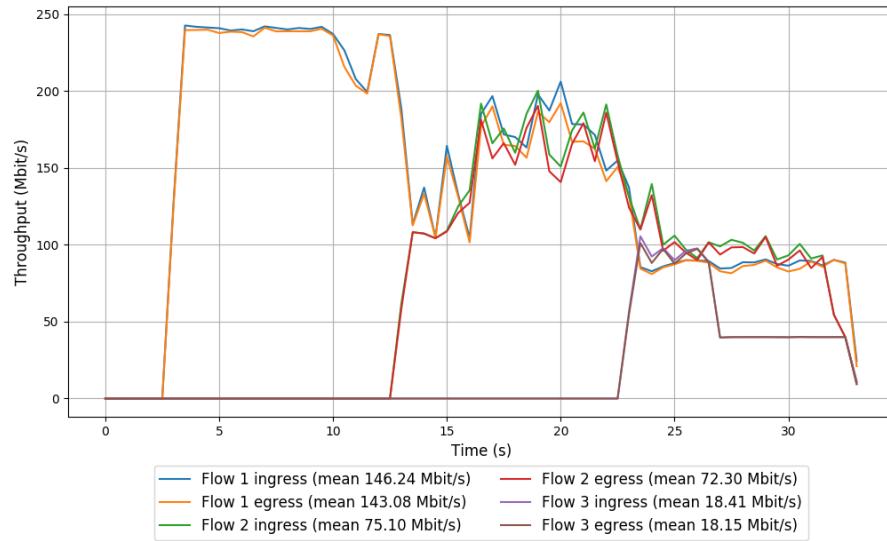


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 23:17:26 +0000
End at: Tue, 04 Jul 2017 23:17:56 +0000
Local clock offset: -0.271 ms
Remote clock offset: -0.961 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:41:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 233.36 Mbit/s
95th percentile per-packet one-way delay: 2.251 ms
Loss rate: 2.65%
-- Flow 1:
Average throughput: 143.08 Mbit/s
95th percentile per-packet one-way delay: 1.885 ms
Loss rate: 2.22%
-- Flow 2:
Average throughput: 72.30 Mbit/s
95th percentile per-packet one-way delay: 2.850 ms
Loss rate: 3.80%
-- Flow 3:
Average throughput: 18.15 Mbit/s
95th percentile per-packet one-way delay: 2.635 ms
Loss rate: 1.42%
```

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

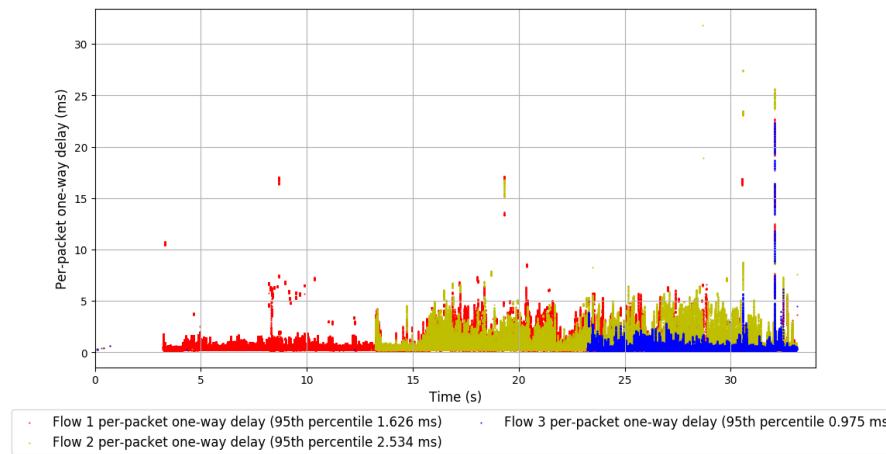
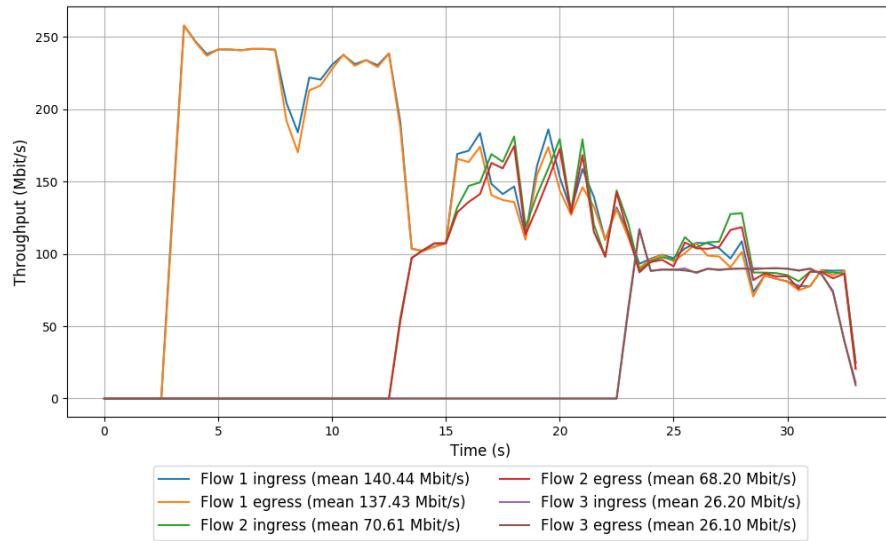


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 23:38:09 +0000
End at: Tue, 04 Jul 2017 23:38:39 +0000
Local clock offset: -0.241 ms
Remote clock offset: -1.041 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:41:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 231.50 Mbit/s
95th percentile per-packet one-way delay: 1.912 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 137.43 Mbit/s
95th percentile per-packet one-way delay: 1.626 ms
Loss rate: 2.21%
-- Flow 2:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 2.534 ms
Loss rate: 3.46%
-- Flow 3:
Average throughput: 26.10 Mbit/s
95th percentile per-packet one-way delay: 0.975 ms
Loss rate: 0.47%
```

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

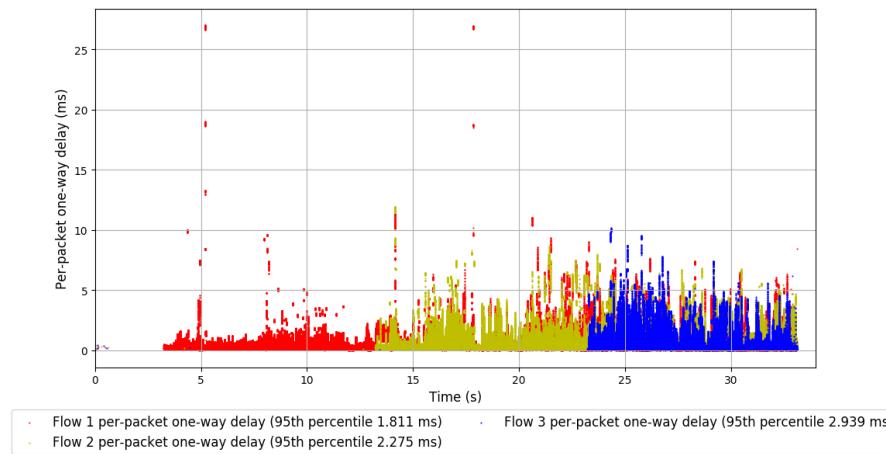
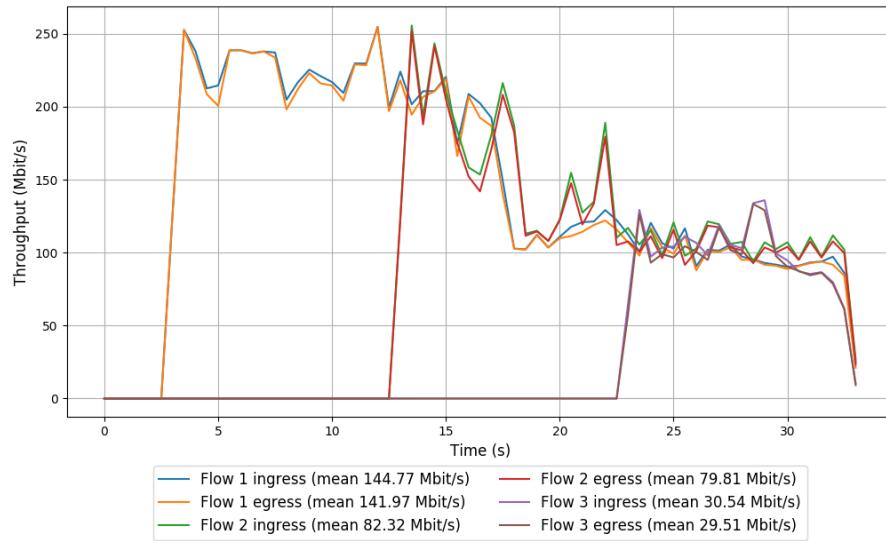


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 23:58:55 +0000
End at: Tue, 04 Jul 2017 23:59:25 +0000
Local clock offset: -0.1 ms
Remote clock offset: -1.006 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:42:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 251.03 Mbit/s
95th percentile per-packet one-way delay: 2.074 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 141.97 Mbit/s
95th percentile per-packet one-way delay: 1.811 ms
Loss rate: 1.97%
-- Flow 2:
Average throughput: 79.81 Mbit/s
95th percentile per-packet one-way delay: 2.275 ms
Loss rate: 3.11%
-- Flow 3:
Average throughput: 29.51 Mbit/s
95th percentile per-packet one-way delay: 2.939 ms
Loss rate: 3.44%
```

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

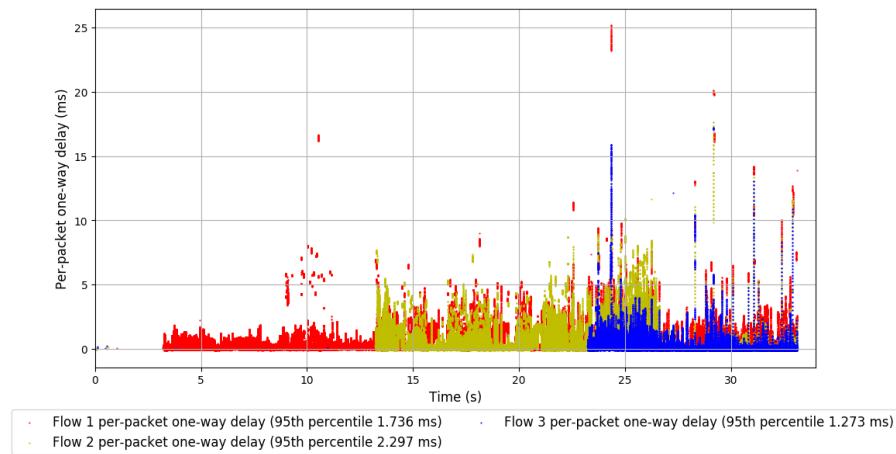
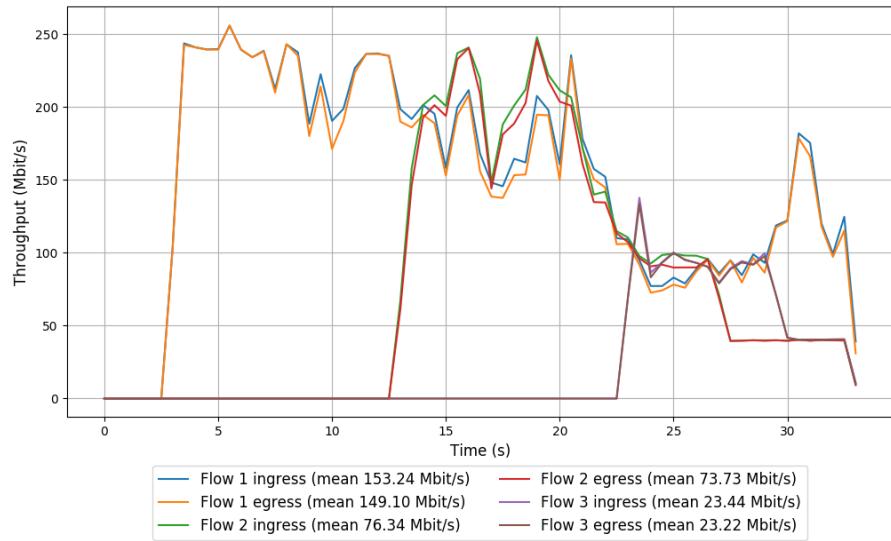


Run 7: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 00:19:40 +0000
End at: Wed, 05 Jul 2017 00:20:10 +0000
Local clock offset: 0.04 ms
Remote clock offset: -0.99 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:43:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 245.84 Mbit/s
95th percentile per-packet one-way delay: 1.829 ms
Loss rate: 2.79%
-- Flow 1:
Average throughput: 149.10 Mbit/s
95th percentile per-packet one-way delay: 1.736 ms
Loss rate: 2.73%
-- Flow 2:
Average throughput: 73.73 Mbit/s
95th percentile per-packet one-way delay: 2.297 ms
Loss rate: 3.48%
-- Flow 3:
Average throughput: 23.22 Mbit/s
95th percentile per-packet one-way delay: 1.273 ms
Loss rate: 0.98%
```

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

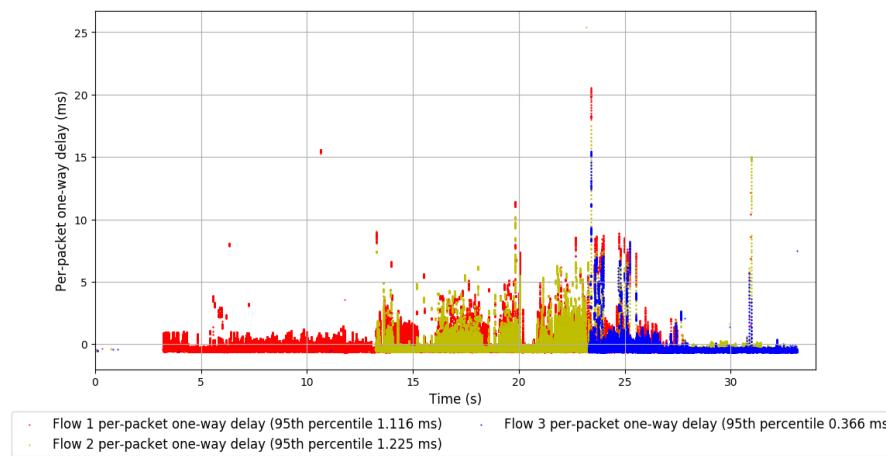
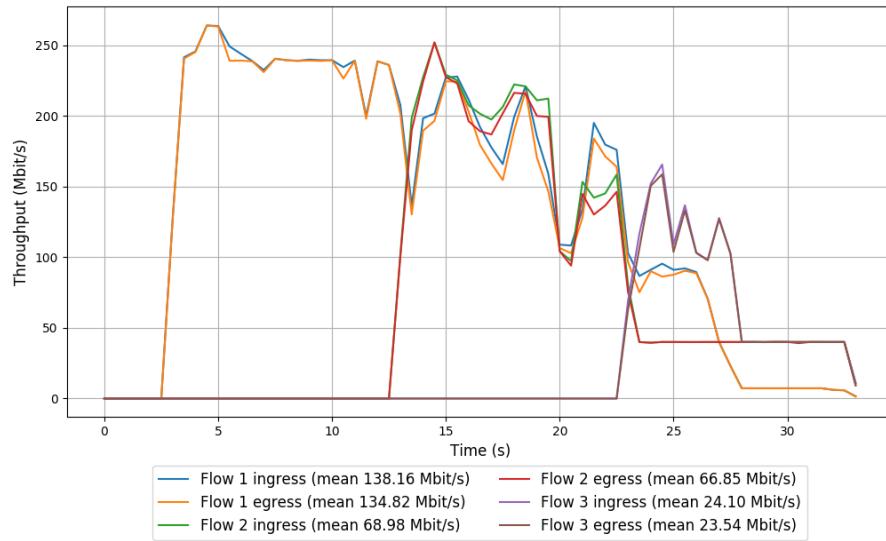


Run 8: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 00:40:16 +0000
End at: Wed, 05 Jul 2017 00:40:46 +0000
Local clock offset: 0.421 ms
Remote clock offset: -1.158 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:43:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 224.97 Mbit/s
95th percentile per-packet one-way delay: 1.093 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 134.82 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 2.48%
-- Flow 2:
Average throughput: 66.85 Mbit/s
95th percentile per-packet one-way delay: 1.225 ms
Loss rate: 3.14%
-- Flow 3:
Average throughput: 23.54 Mbit/s
95th percentile per-packet one-way delay: 0.366 ms
Loss rate: 2.35%
```

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

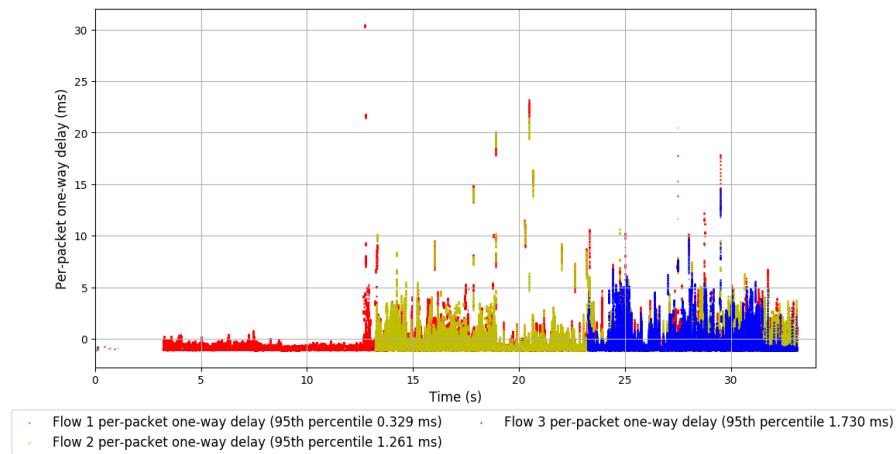
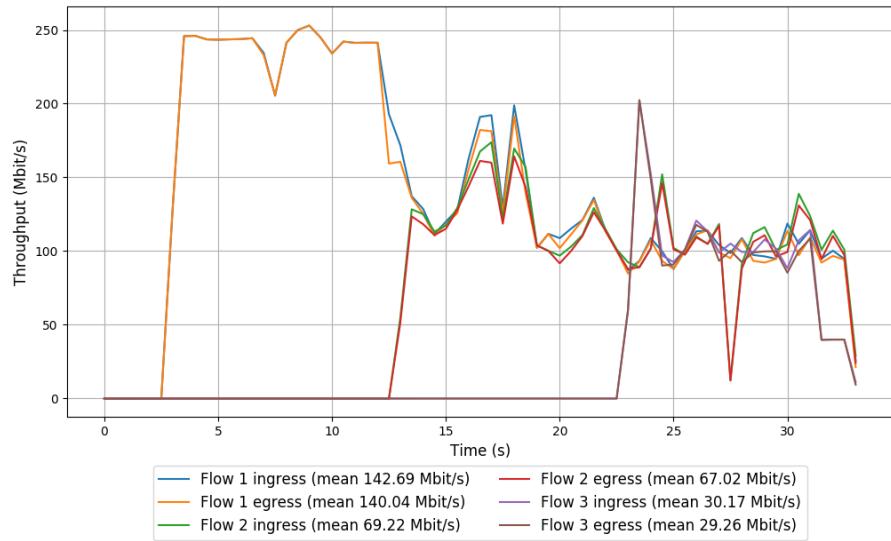


Run 9: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 01:00:50 +0000
End at: Wed, 05 Jul 2017 01:01:20 +0000
Local clock offset: 0.703 ms
Remote clock offset: -1.487 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:44:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 236.12 Mbit/s
95th percentile per-packet one-way delay: 0.836 ms
Loss rate: 2.44%
-- Flow 1:
Average throughput: 140.04 Mbit/s
95th percentile per-packet one-way delay: 0.329 ms
Loss rate: 1.92%
-- Flow 2:
Average throughput: 67.02 Mbit/s
95th percentile per-packet one-way delay: 1.261 ms
Loss rate: 3.24%
-- Flow 3:
Average throughput: 29.26 Mbit/s
95th percentile per-packet one-way delay: 1.730 ms
Loss rate: 3.08%
```

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

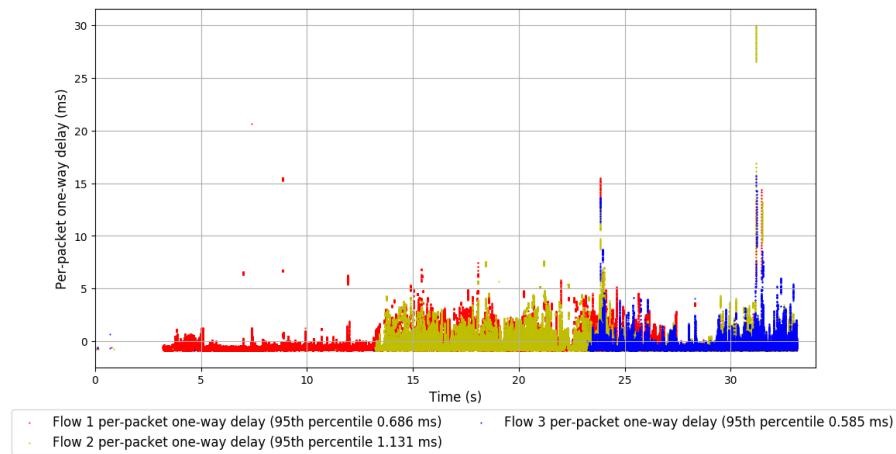
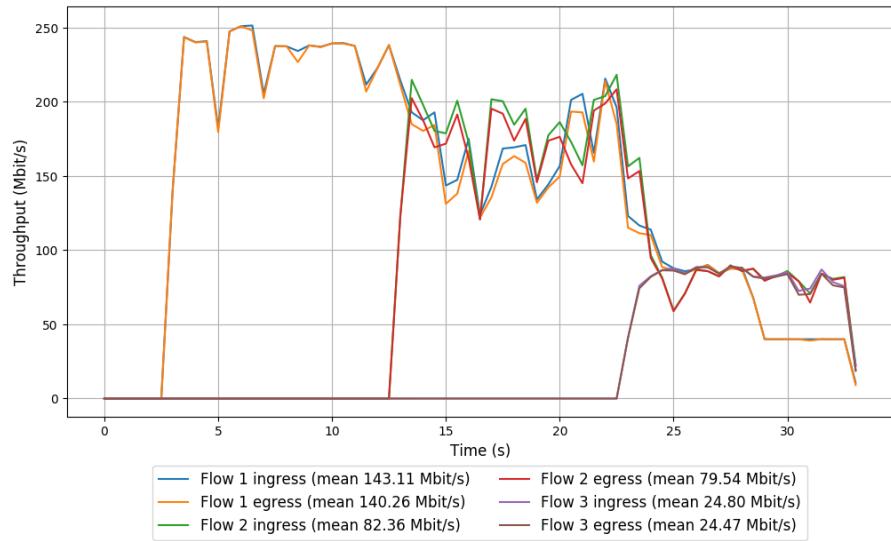


Run 10: Statistics of TaoVA-100x

```
Start at: Wed, 05 Jul 2017 01:21:31 +0000
End at: Wed, 05 Jul 2017 01:22:01 +0000
Local clock offset: 0.574 ms
Remote clock offset: -1.383 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:44:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 244.06 Mbit/s
95th percentile per-packet one-way delay: 0.882 ms
Loss rate: 2.46%
-- Flow 1:
Average throughput: 140.26 Mbit/s
95th percentile per-packet one-way delay: 0.686 ms
Loss rate: 2.04%
-- Flow 2:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 1.131 ms
Loss rate: 3.49%
-- Flow 3:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 0.585 ms
Loss rate: 1.40%
```

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

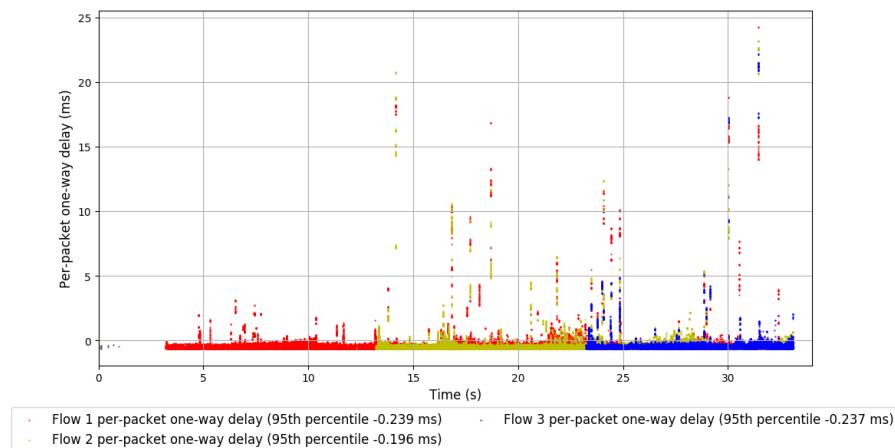
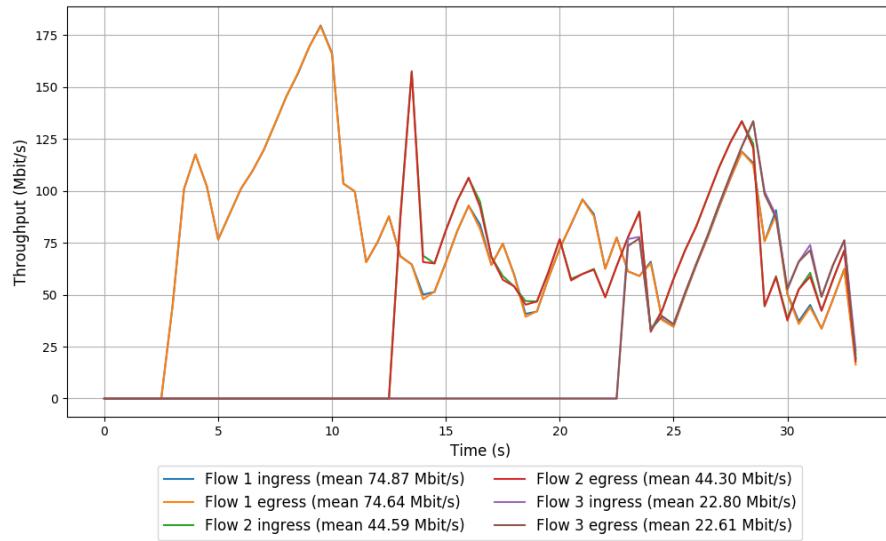


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 22:20:22 +0000
End at: Tue, 04 Jul 2017 22:20:52 +0000
Local clock offset: -0.025 ms
Remote clock offset: -1.648 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:44:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 141.39 Mbit/s
95th percentile per-packet one-way delay: -0.227 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: -0.239 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 44.30 Mbit/s
95th percentile per-packet one-way delay: -0.196 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 22.61 Mbit/s
95th percentile per-packet one-way delay: -0.237 ms
Loss rate: 0.89%
```

Run 1: Report of TCP Vegas — Data Link

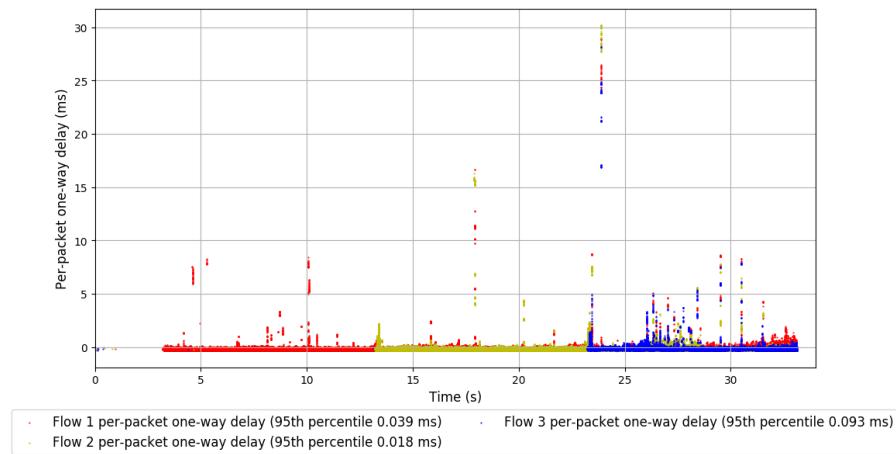
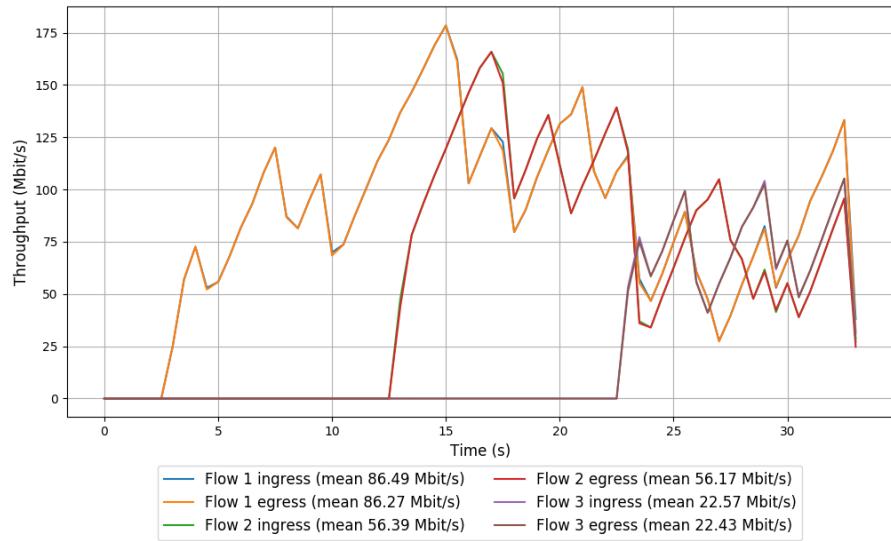


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 22:41:02 +0000
End at: Tue, 04 Jul 2017 22:41:32 +0000
Local clock offset: 0.072 ms
Remote clock offset: -1.297 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:44:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 164.71 Mbit/s
95th percentile per-packet one-way delay: 0.039 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 86.27 Mbit/s
95th percentile per-packet one-way delay: 0.039 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 56.17 Mbit/s
95th percentile per-packet one-way delay: 0.018 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 0.093 ms
Loss rate: 0.68%
```

Run 2: Report of TCP Vegas — Data Link

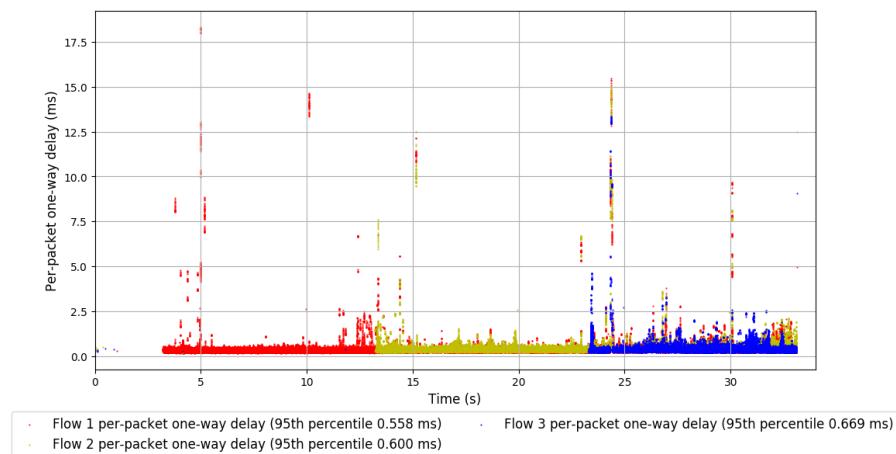
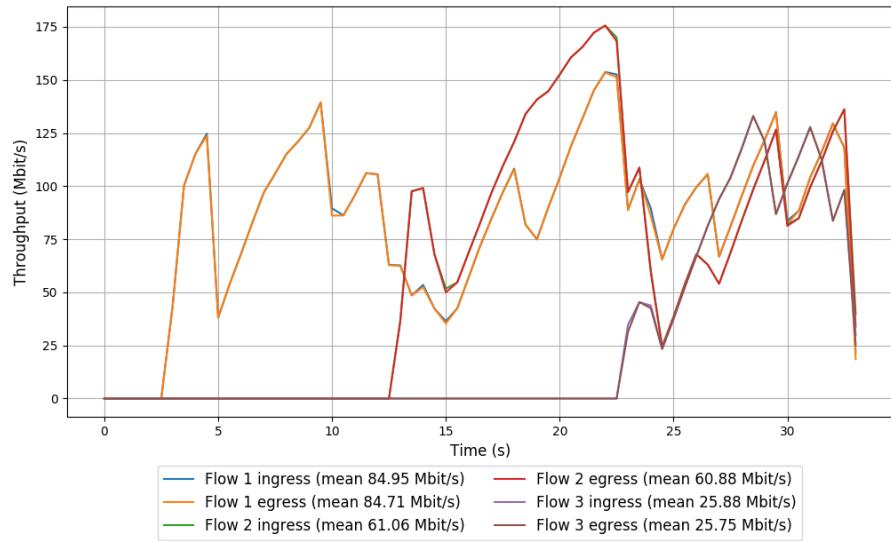


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 23:01:38 +0000
End at: Tue, 04 Jul 2017 23:02:08 +0000
Local clock offset: -0.129 ms
Remote clock offset: -0.983 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:44:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 171.13 Mbit/s
95th percentile per-packet one-way delay: 0.590 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 84.71 Mbit/s
95th percentile per-packet one-way delay: 0.558 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 60.88 Mbit/s
95th percentile per-packet one-way delay: 0.600 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 25.75 Mbit/s
95th percentile per-packet one-way delay: 0.669 ms
Loss rate: 0.56%
```

Run 3: Report of TCP Vegas — Data Link

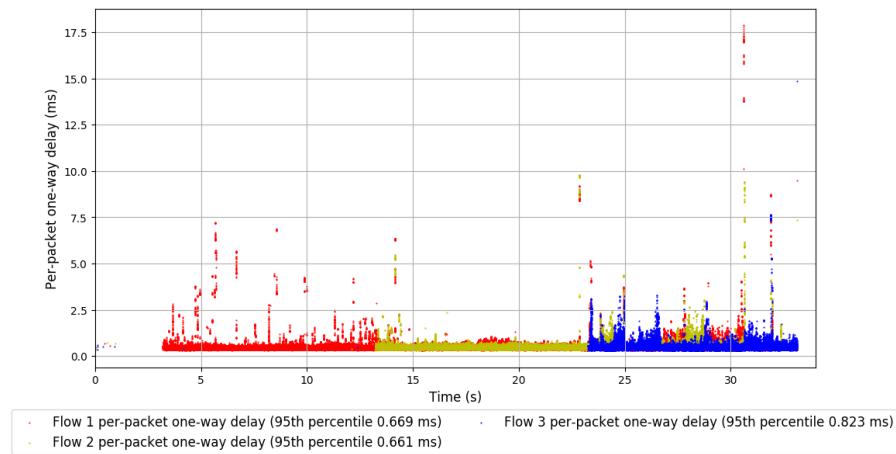
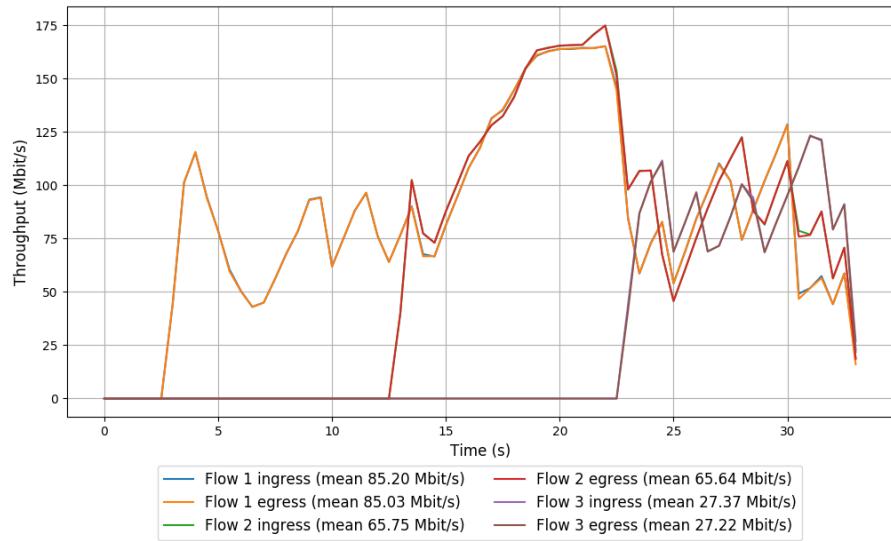


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 23:22:28 +0000
End at: Tue, 04 Jul 2017 23:22:58 +0000
Local clock offset: -0.417 ms
Remote clock offset: -0.94 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:45:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 177.67 Mbit/s
95th percentile per-packet one-way delay: 0.684 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 85.03 Mbit/s
95th percentile per-packet one-way delay: 0.669 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 65.64 Mbit/s
95th percentile per-packet one-way delay: 0.661 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 27.22 Mbit/s
95th percentile per-packet one-way delay: 0.823 ms
Loss rate: 0.57%
```

Run 4: Report of TCP Vegas — Data Link

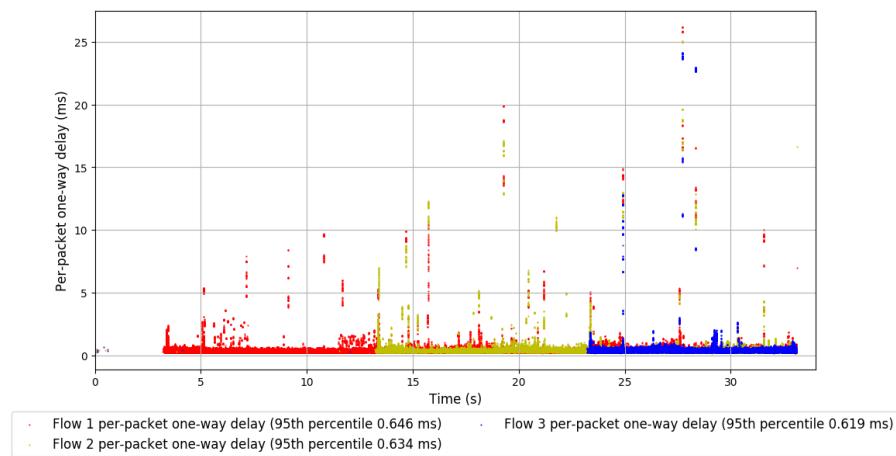
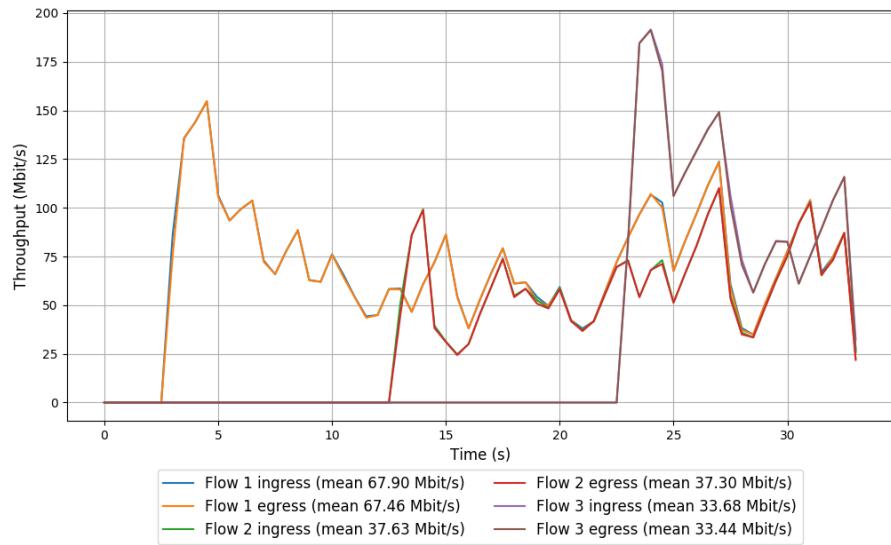


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 23:43:09 +0000
End at: Tue, 04 Jul 2017 23:43:39 +0000
Local clock offset: -0.234 ms
Remote clock offset: -0.971 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:45:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 137.98 Mbit/s
95th percentile per-packet one-way delay: 0.634 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 67.46 Mbit/s
95th percentile per-packet one-way delay: 0.646 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 37.30 Mbit/s
95th percentile per-packet one-way delay: 0.634 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 33.44 Mbit/s
95th percentile per-packet one-way delay: 0.619 ms
Loss rate: 0.79%
```

Run 5: Report of TCP Vegas — Data Link

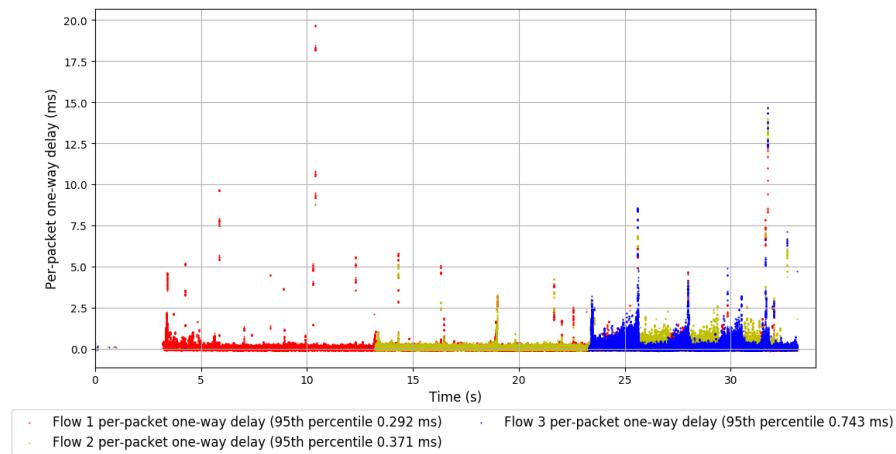
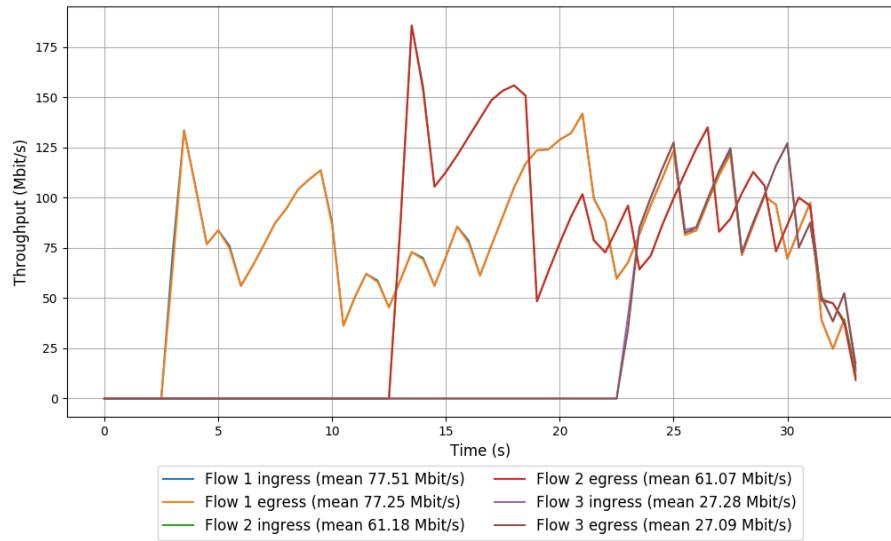


Run 6: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 00:04:01 +0000
End at: Wed, 05 Jul 2017 00:04:31 +0000
Local clock offset: -0.172 ms
Remote clock offset: -1.188 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:45:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 165.19 Mbit/s
95th percentile per-packet one-way delay: 0.414 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 0.292 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 61.07 Mbit/s
95th percentile per-packet one-way delay: 0.371 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 27.09 Mbit/s
95th percentile per-packet one-way delay: 0.743 ms
Loss rate: 0.74%
```

Run 6: Report of TCP Vegas — Data Link

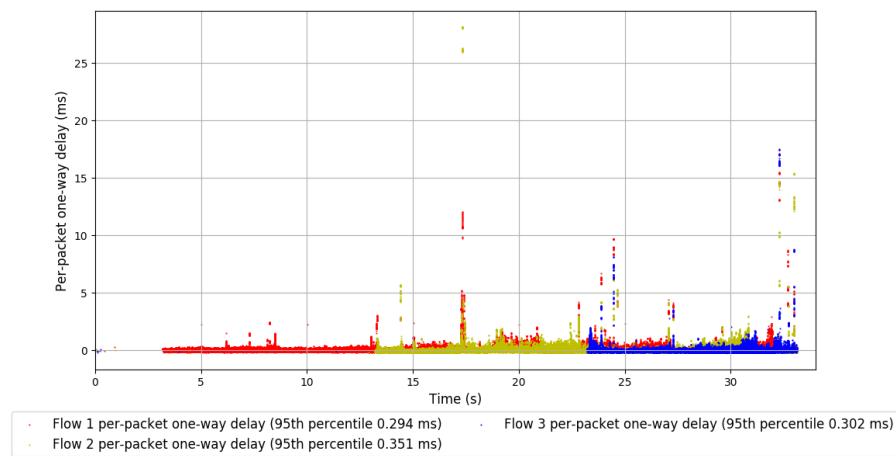
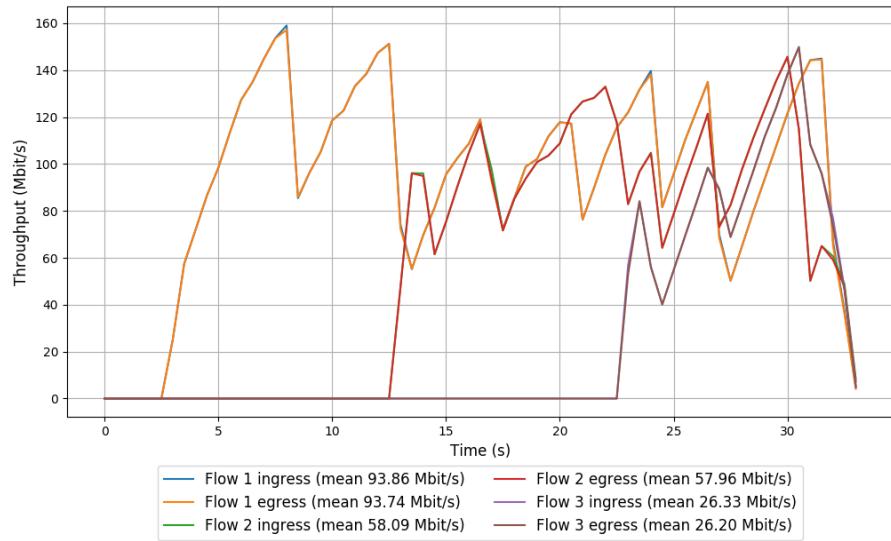


Run 7: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 00:24:45 +0000
End at: Wed, 05 Jul 2017 00:25:15 +0000
Local clock offset: 0.207 ms
Remote clock offset: -1.017 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:45:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 177.71 Mbit/s
95th percentile per-packet one-way delay: 0.313 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 0.294 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 57.96 Mbit/s
95th percentile per-packet one-way delay: 0.351 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 26.20 Mbit/s
95th percentile per-packet one-way delay: 0.302 ms
Loss rate: 0.56%
```

Run 7: Report of TCP Vegas — Data Link

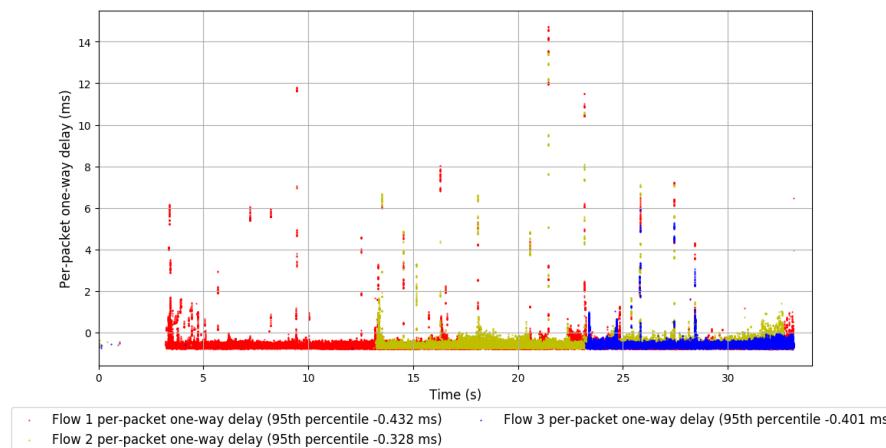
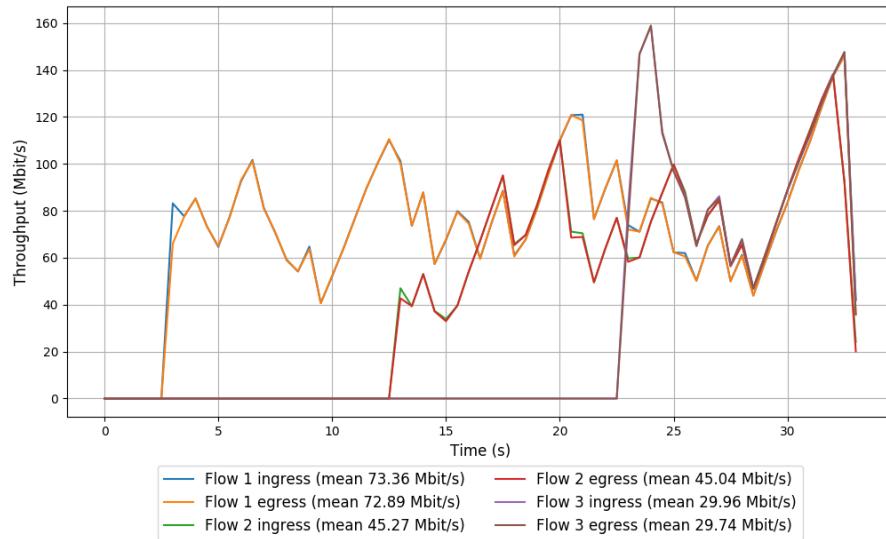


Run 8: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 00:45:18 +0000
End at: Wed, 05 Jul 2017 00:45:48 +0000
Local clock offset: 0.487 ms
Remote clock offset: -1.205 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:45:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 147.49 Mbit/s
95th percentile per-packet one-way delay: -0.388 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: -0.432 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 45.04 Mbit/s
95th percentile per-packet one-way delay: -0.328 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 29.74 Mbit/s
95th percentile per-packet one-way delay: -0.401 ms
Loss rate: 0.78%
```

Run 8: Report of TCP Vegas — Data Link

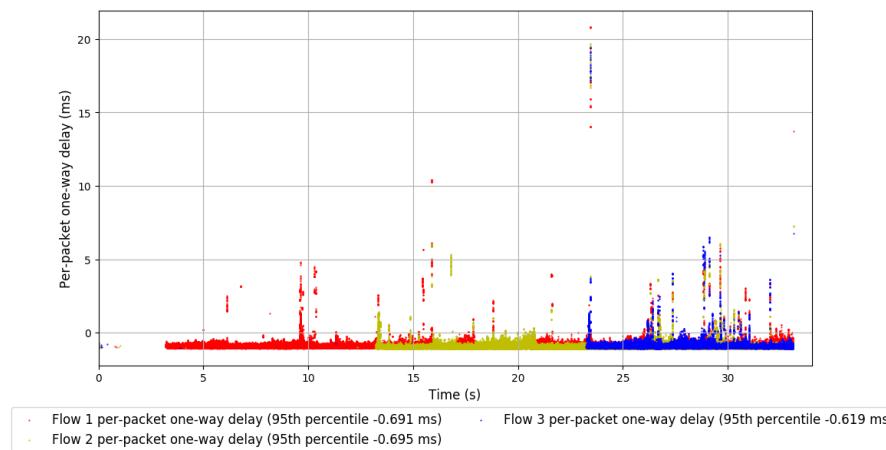
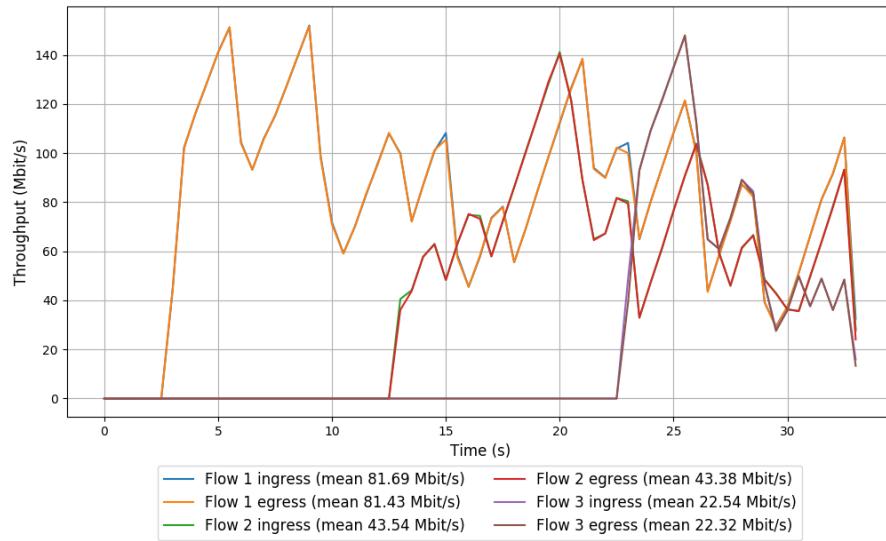


Run 9: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 01:05:53 +0000
End at: Wed, 05 Jul 2017 01:06:23 +0000
Local clock offset: 0.564 ms
Remote clock offset: -1.384 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:46:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 146.97 Mbit/s
95th percentile per-packet one-way delay: -0.681 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 81.43 Mbit/s
95th percentile per-packet one-way delay: -0.691 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 43.38 Mbit/s
95th percentile per-packet one-way delay: -0.695 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 22.32 Mbit/s
95th percentile per-packet one-way delay: -0.619 ms
Loss rate: 0.97%
```

Run 9: Report of TCP Vegas — Data Link

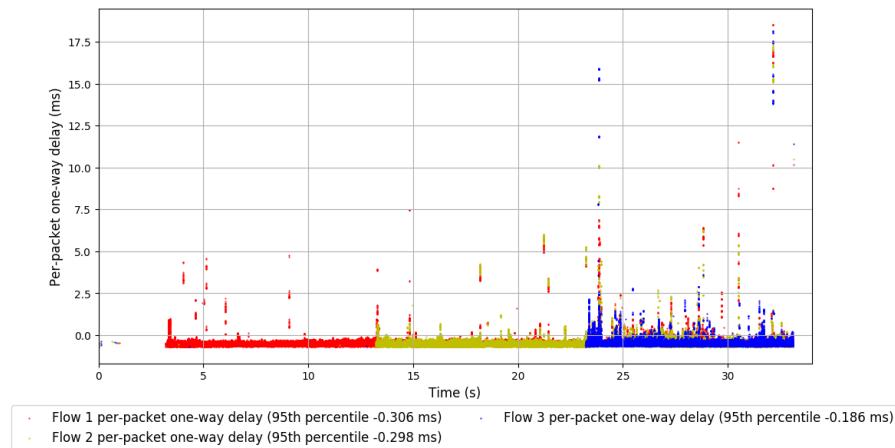
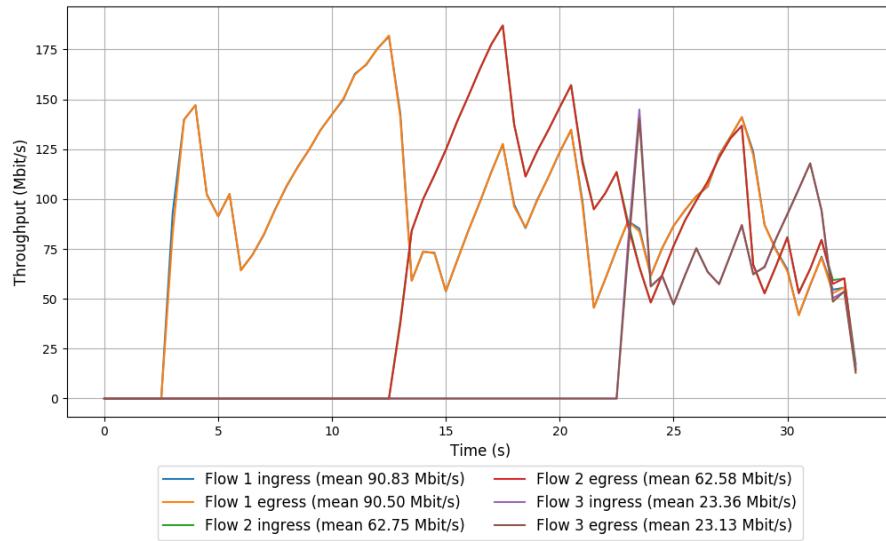


Run 10: Statistics of TCP Vegas

```
Start at: Wed, 05 Jul 2017 01:26:39 +0000
End at: Wed, 05 Jul 2017 01:27:09 +0000
Local clock offset: 0.495 ms
Remote clock offset: -1.24 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:46:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 176.04 Mbit/s
95th percentile per-packet one-way delay: -0.289 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: -0.306 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 62.58 Mbit/s
95th percentile per-packet one-way delay: -0.298 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 23.13 Mbit/s
95th percentile per-packet one-way delay: -0.186 ms
Loss rate: 0.98%
```

Run 10: Report of TCP Vegas — Data Link

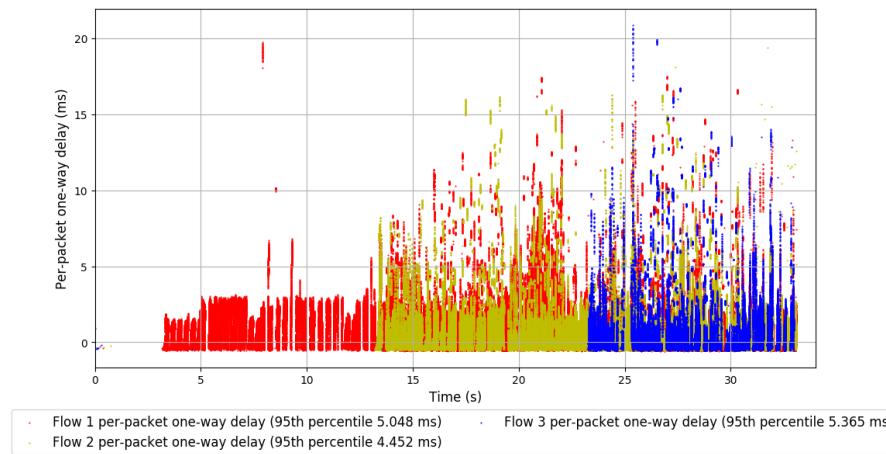
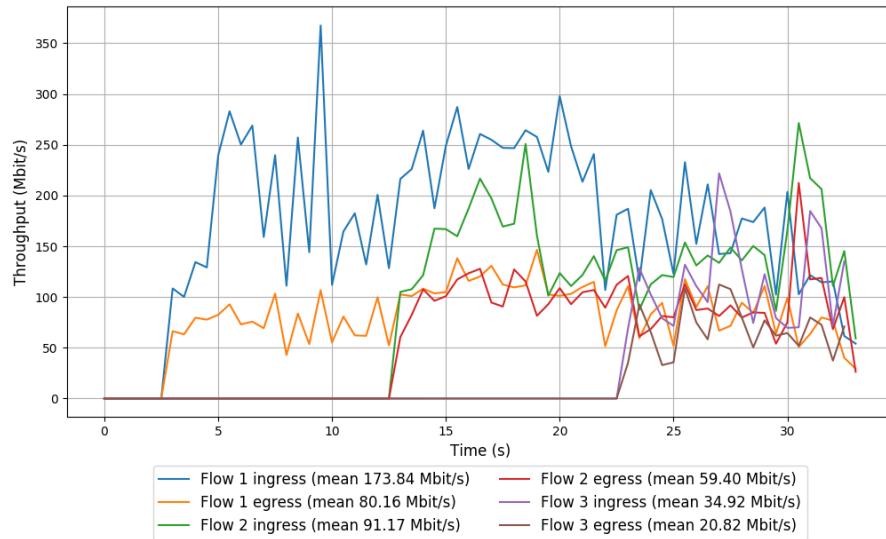


Run 1: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 22:10:51 +0000
End at: Tue, 04 Jul 2017 22:11:21 +0000
Local clock offset: -0.005 ms
Remote clock offset: -1.501 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:46:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 160.15 Mbit/s
95th percentile per-packet one-way delay: 4.865 ms
Loss rate: 46.56%
-- Flow 1:
Average throughput: 80.16 Mbit/s
95th percentile per-packet one-way delay: 5.048 ms
Loss rate: 53.92%
-- Flow 2:
Average throughput: 59.40 Mbit/s
95th percentile per-packet one-way delay: 4.452 ms
Loss rate: 34.88%
-- Flow 3:
Average throughput: 20.82 Mbit/s
95th percentile per-packet one-way delay: 5.365 ms
Loss rate: 40.36%
```

Run 1: Report of Verus — Data Link

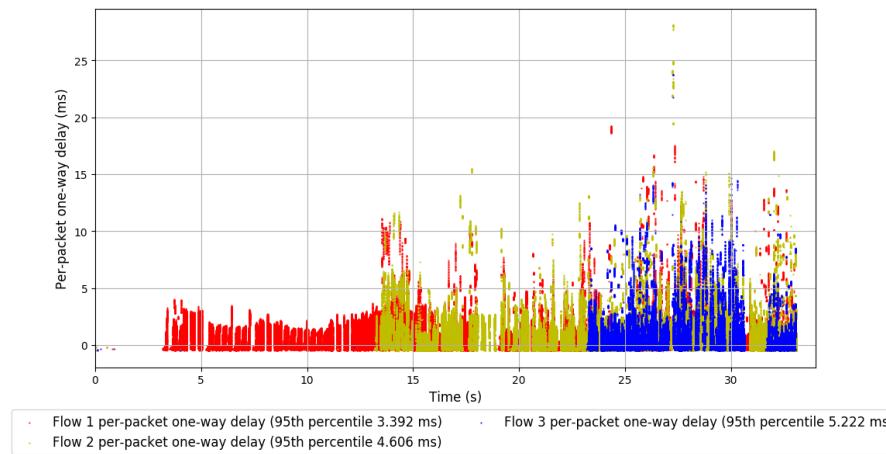
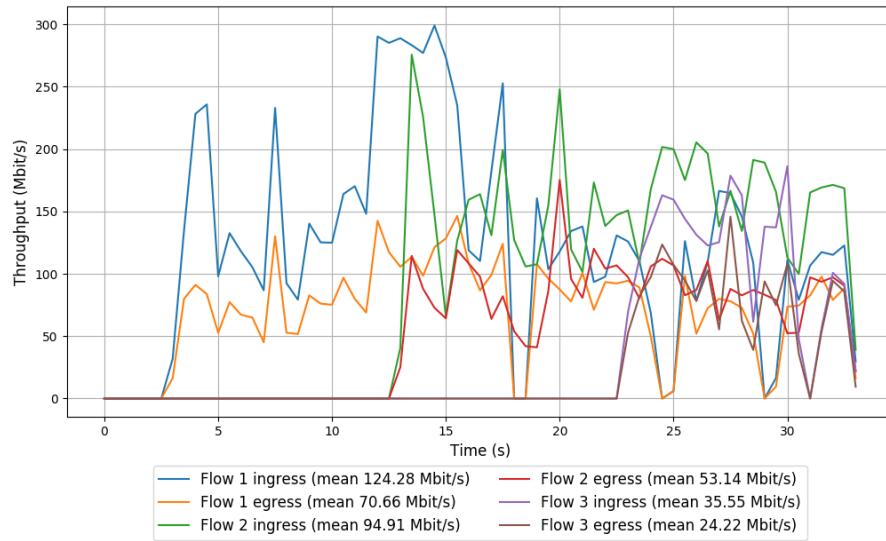


Run 2: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 22:31:35 +0000
End at: Tue, 04 Jul 2017 22:32:05 +0000
Local clock offset: 0.028 ms
Remote clock offset: -1.488 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:46:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 147.84 Mbit/s
95th percentile per-packet one-way delay: 4.225 ms
Loss rate: 41.92%
-- Flow 1:
Average throughput: 70.66 Mbit/s
95th percentile per-packet one-way delay: 3.392 ms
Loss rate: 43.15%
-- Flow 2:
Average throughput: 53.14 Mbit/s
95th percentile per-packet one-way delay: 4.606 ms
Loss rate: 44.01%
-- Flow 3:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 5.222 ms
Loss rate: 31.99%
```

Run 2: Report of Verus — Data Link

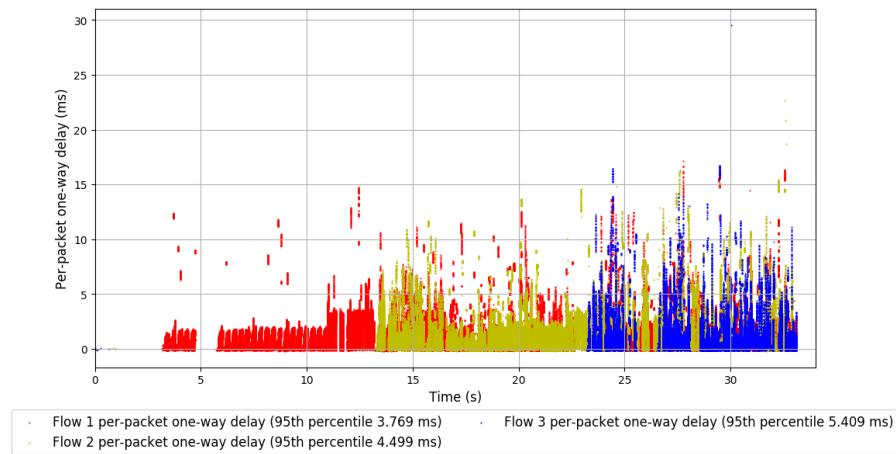
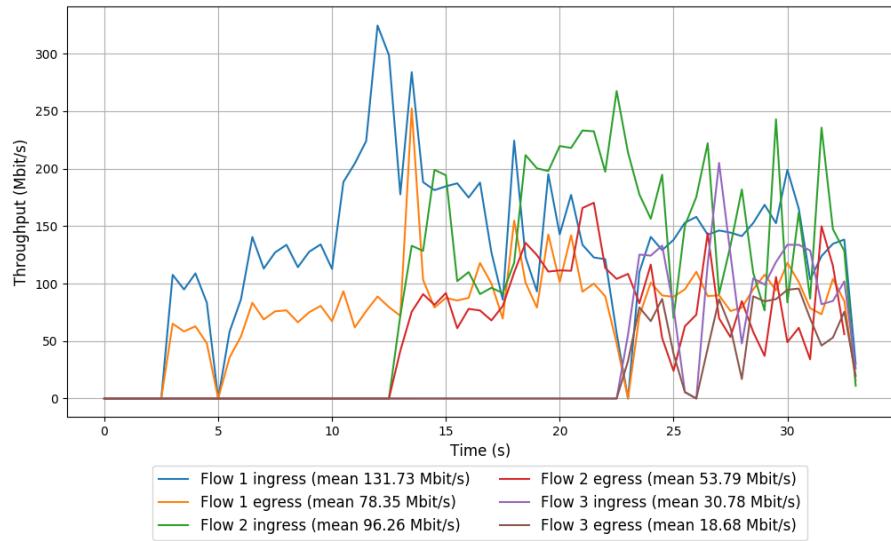


Run 3: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 22:52:12 +0000
End at: Tue, 04 Jul 2017 22:52:42 +0000
Local clock offset: -0.075 ms
Remote clock offset: -1.232 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:47:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 150.46 Mbit/s
95th percentile per-packet one-way delay: 4.273 ms
Loss rate: 41.82%
-- Flow 1:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 3.769 ms
Loss rate: 40.54%
-- Flow 2:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: 4.499 ms
Loss rate: 44.36%
-- Flow 3:
Average throughput: 18.68 Mbit/s
95th percentile per-packet one-way delay: 5.409 ms
Loss rate: 39.33%
```

Run 3: Report of Verus — Data Link

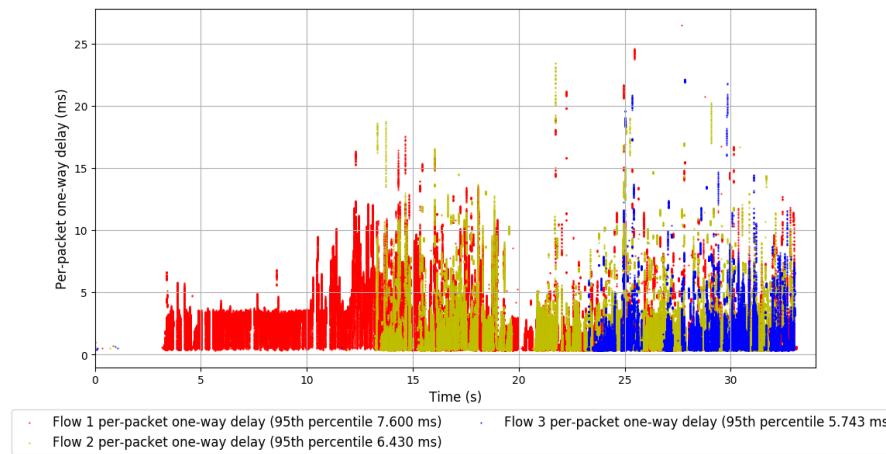
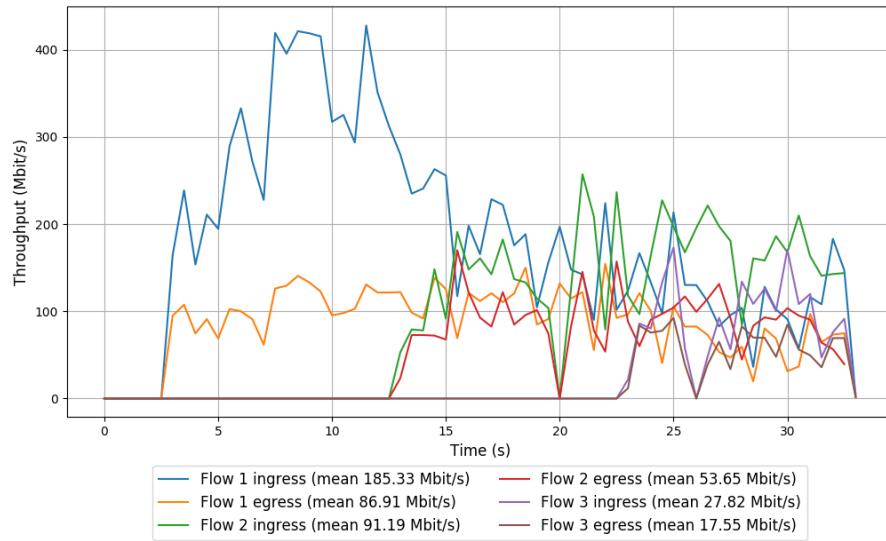


Run 4: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 23:13:01 +0000
End at: Tue, 04 Jul 2017 23:13:31 +0000
Local clock offset: -0.24 ms
Remote clock offset: -0.965 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:47:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 157.66 Mbit/s
95th percentile per-packet one-way delay: 7.065 ms
Loss rate: 48.10%
-- Flow 1:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 7.600 ms
Loss rate: 53.13%
-- Flow 2:
Average throughput: 53.65 Mbit/s
95th percentile per-packet one-way delay: 6.430 ms
Loss rate: 41.17%
-- Flow 3:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 5.743 ms
Loss rate: 37.12%
```

Run 4: Report of Verus — Data Link

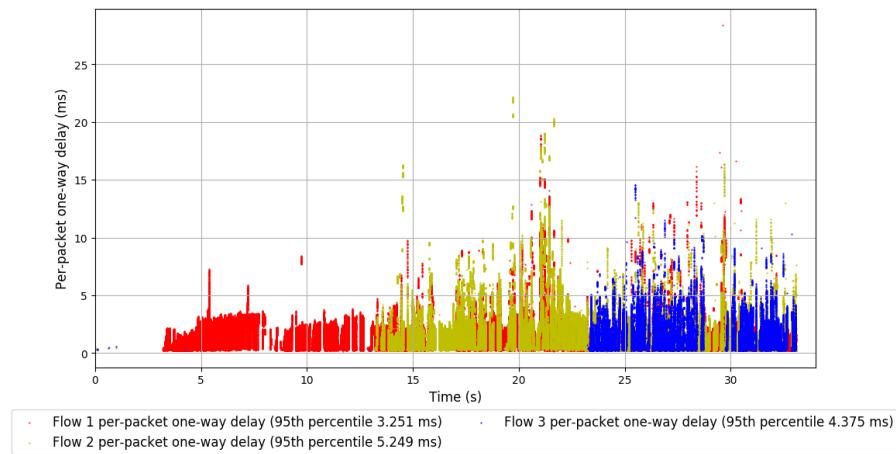
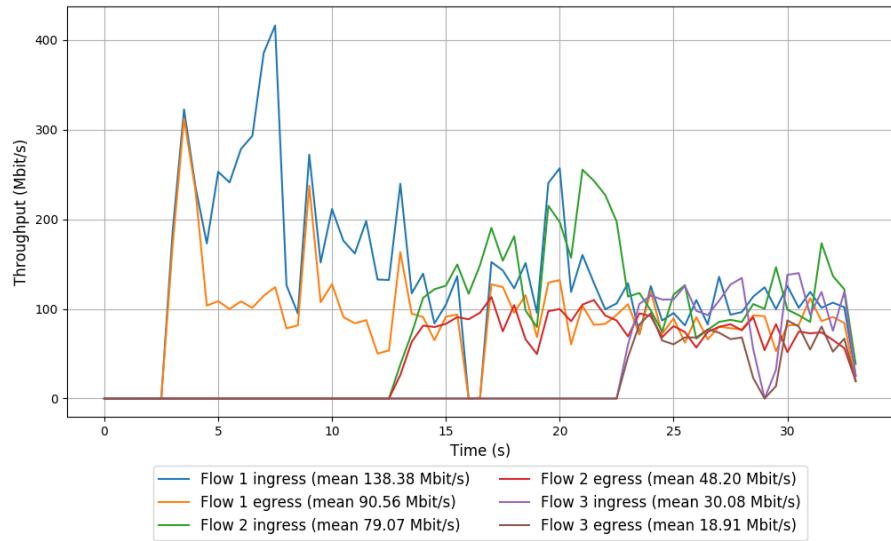


Run 5: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 23:33:47 +0000
End at: Tue, 04 Jul 2017 23:34:17 +0000
Local clock offset: -0.372 ms
Remote clock offset: -1.007 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:47:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 157.53 Mbit/s
95th percentile per-packet one-way delay: 4.142 ms
Loss rate: 36.33%
-- Flow 1:
Average throughput: 90.56 Mbit/s
95th percentile per-packet one-way delay: 3.251 ms
Loss rate: 34.59%
-- Flow 2:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 5.249 ms
Loss rate: 39.07%
-- Flow 3:
Average throughput: 18.91 Mbit/s
95th percentile per-packet one-way delay: 4.375 ms
Loss rate: 37.15%
```

Run 5: Report of Verus — Data Link

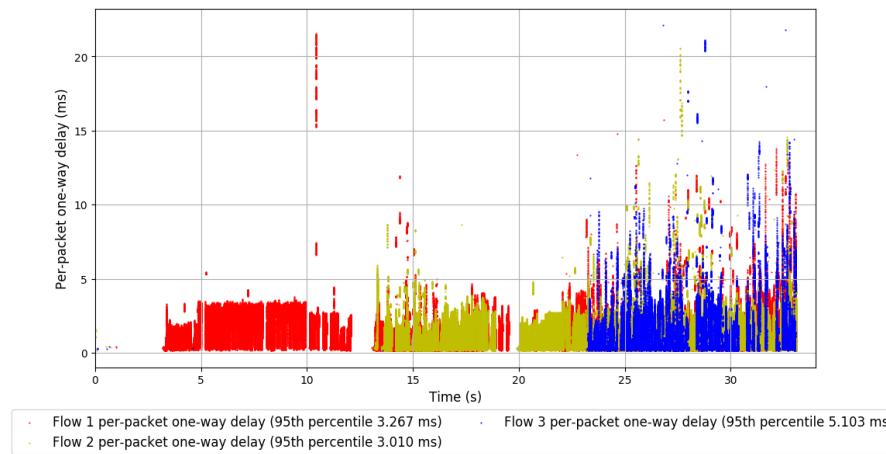
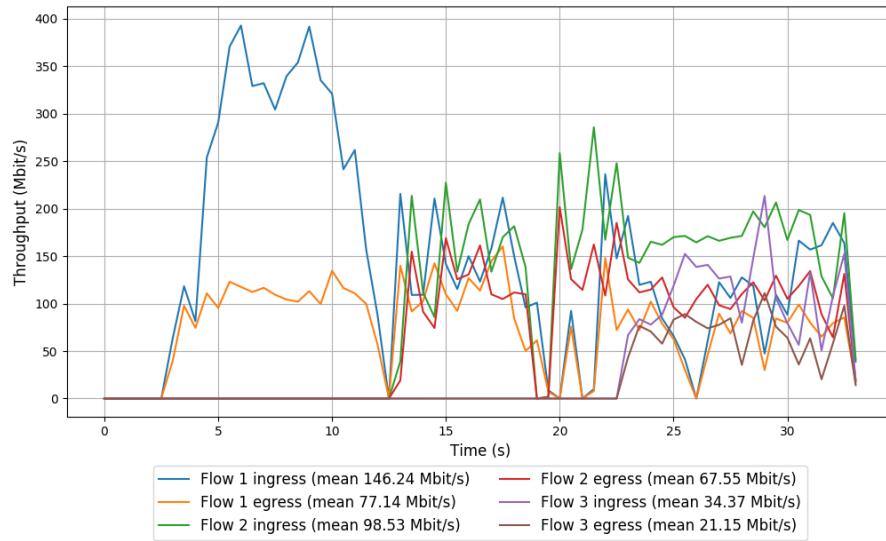


Run 6: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 23:54:30 +0000
End at: Tue, 04 Jul 2017 23:55:00 +0000
Local clock offset: -0.148 ms
Remote clock offset: -1.005 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:47:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 165.59 Mbit/s
95th percentile per-packet one-way delay: 3.328 ms
Loss rate: 40.65%
-- Flow 1:
Average throughput: 77.14 Mbit/s
95th percentile per-packet one-way delay: 3.267 ms
Loss rate: 47.31%
-- Flow 2:
Average throughput: 67.55 Mbit/s
95th percentile per-packet one-way delay: 3.010 ms
Loss rate: 31.49%
-- Flow 3:
Average throughput: 21.15 Mbit/s
95th percentile per-packet one-way delay: 5.103 ms
Loss rate: 38.48%
```

Run 6: Report of Verus — Data Link

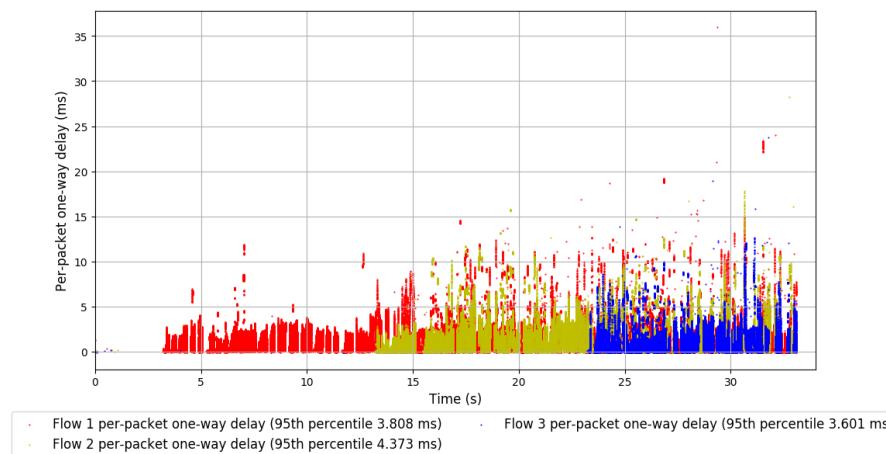
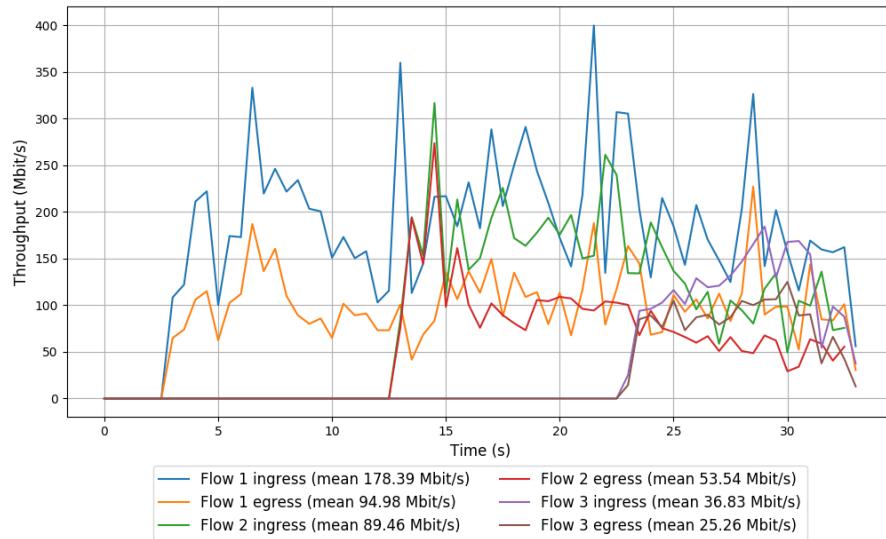


Run 7: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 00:15:14 +0000
End at: Wed, 05 Jul 2017 00:15:44 +0000
Local clock offset: 0.032 ms
Remote clock offset: -1.082 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:47:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 173.38 Mbit/s
95th percentile per-packet one-way delay: 3.969 ms
Loss rate: 43.00%
-- Flow 1:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 3.808 ms
Loss rate: 46.79%
-- Flow 2:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 4.373 ms
Loss rate: 40.16%
-- Flow 3:
Average throughput: 25.26 Mbit/s
95th percentile per-packet one-way delay: 3.601 ms
Loss rate: 31.46%
```

Run 7: Report of Verus — Data Link

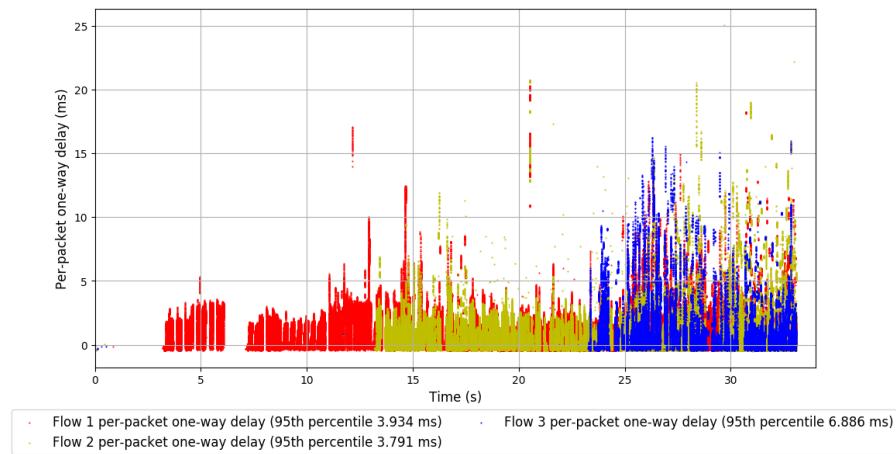
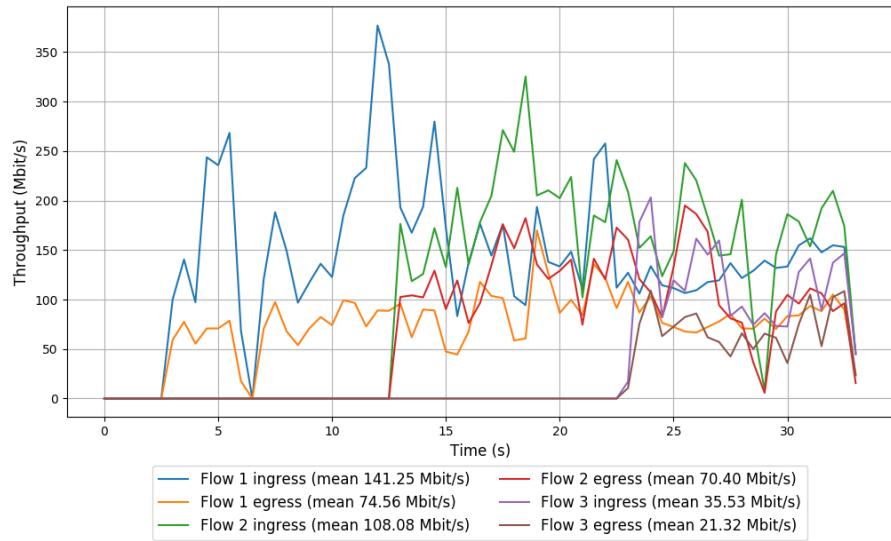


Run 8: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 00:35:54 +0000
End at: Wed, 05 Jul 2017 00:36:24 +0000
Local clock offset: 0.411 ms
Remote clock offset: -1.052 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 166.08 Mbit/s
95th percentile per-packet one-way delay: 4.266 ms
Loss rate: 41.66%
-- Flow 1:
Average throughput: 74.56 Mbit/s
95th percentile per-packet one-way delay: 3.934 ms
Loss rate: 47.23%
-- Flow 2:
Average throughput: 70.40 Mbit/s
95th percentile per-packet one-way delay: 3.791 ms
Loss rate: 34.90%
-- Flow 3:
Average throughput: 21.32 Mbit/s
95th percentile per-packet one-way delay: 6.886 ms
Loss rate: 40.07%
```

Run 8: Report of Verus — Data Link

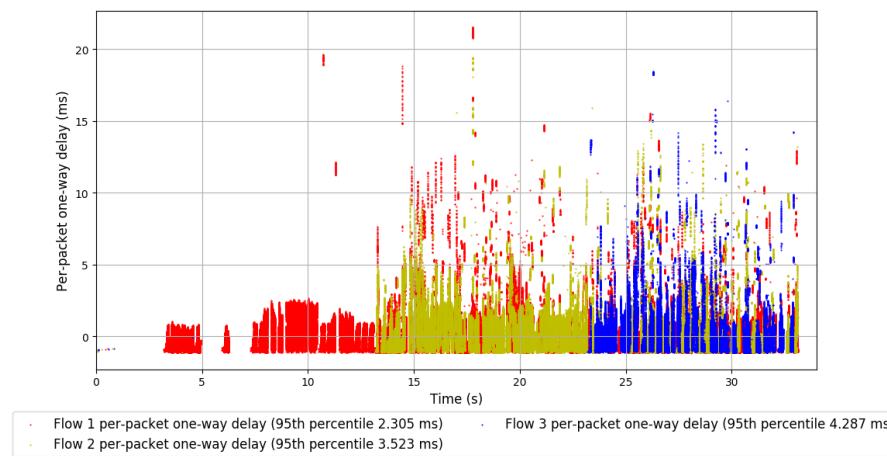
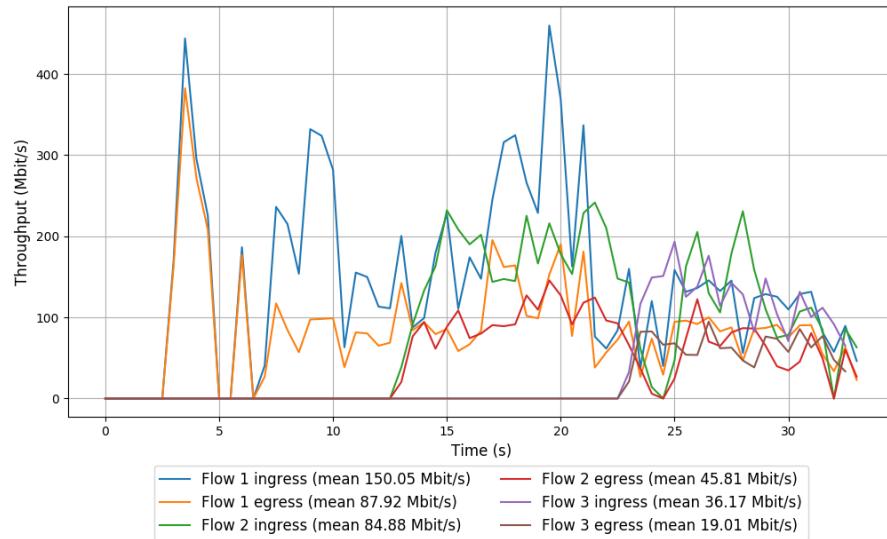


Run 9: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 00:56:29 +0000
End at: Wed, 05 Jul 2017 00:56:59 +0000
Local clock offset: 0.696 ms
Remote clock offset: -1.49 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 152.48 Mbit/s
95th percentile per-packet one-way delay: 3.049 ms
Loss rate: 43.68%
-- Flow 1:
Average throughput: 87.92 Mbit/s
95th percentile per-packet one-way delay: 2.305 ms
Loss rate: 41.44%
-- Flow 2:
Average throughput: 45.81 Mbit/s
95th percentile per-packet one-way delay: 3.523 ms
Loss rate: 46.06%
-- Flow 3:
Average throughput: 19.01 Mbit/s
95th percentile per-packet one-way delay: 4.287 ms
Loss rate: 47.45%
```

Run 9: Report of Verus — Data Link

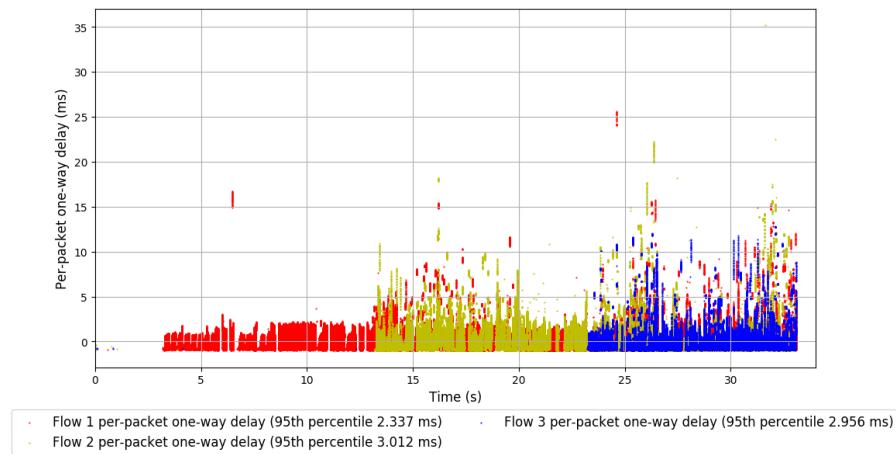
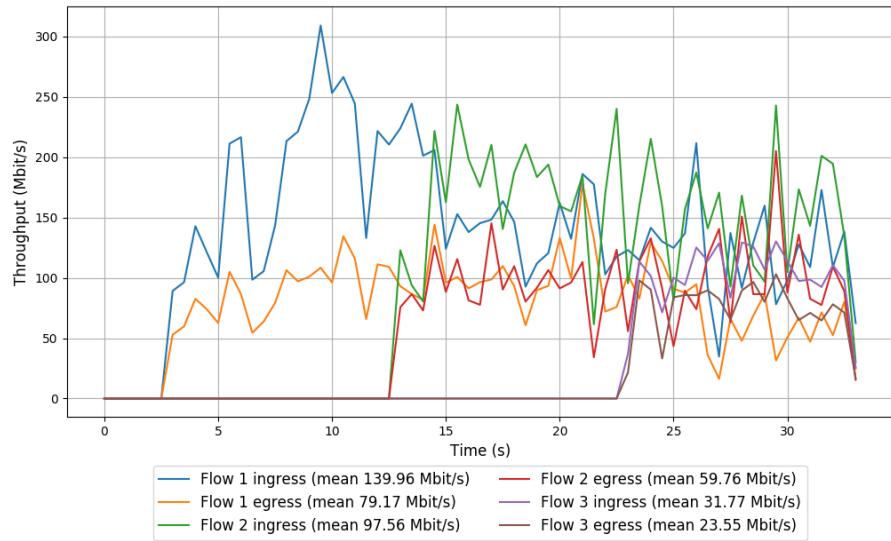


Run 10: Statistics of Verus

```
Start at: Wed, 05 Jul 2017 01:17:08 +0000
End at: Wed, 05 Jul 2017 01:17:38 +0000
Local clock offset: 0.493 ms
Remote clock offset: -1.43 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 162.25 Mbit/s
95th percentile per-packet one-way delay: 2.667 ms
Loss rate: 39.71%
-- Flow 1:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 2.337 ms
Loss rate: 43.43%
-- Flow 2:
Average throughput: 59.76 Mbit/s
95th percentile per-packet one-way delay: 3.012 ms
Loss rate: 38.87%
-- Flow 3:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 2.956 ms
Loss rate: 25.89%
```

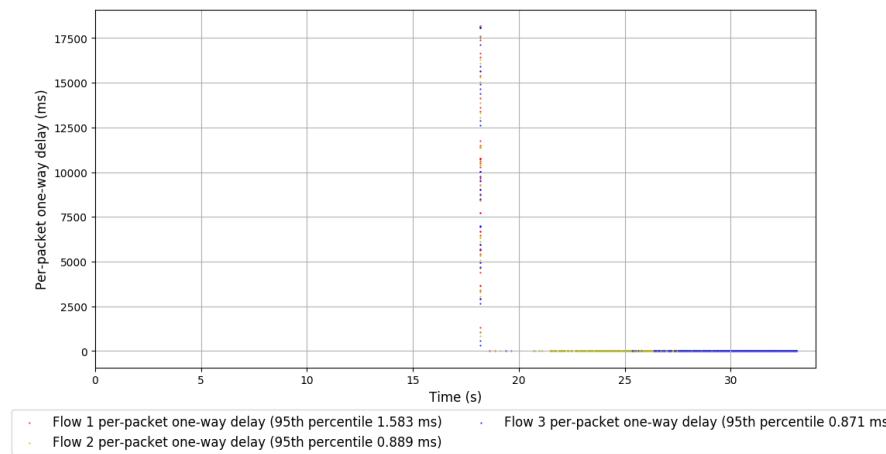
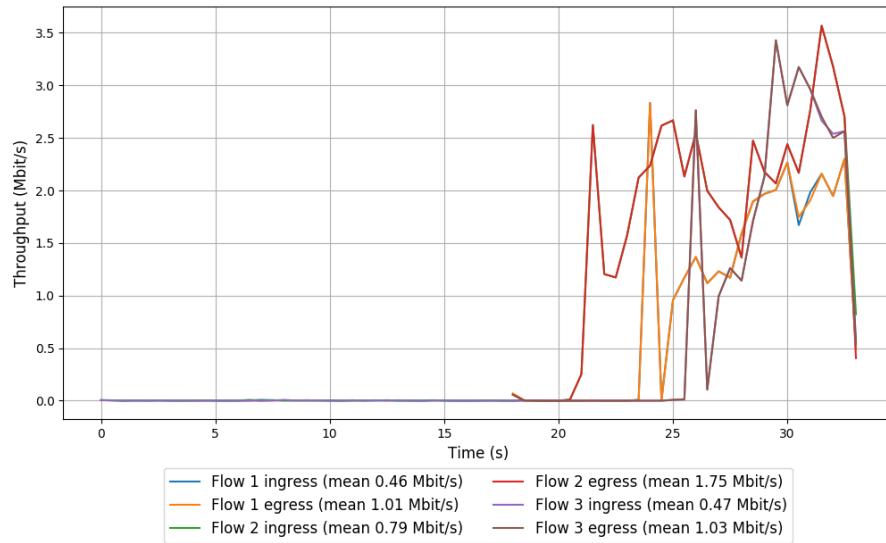
Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 22:22:52 +0000
End at: Tue, 04 Jul 2017 22:23:22 +0000
Local clock offset: 0.034 ms
Remote clock offset: -1.611 ms

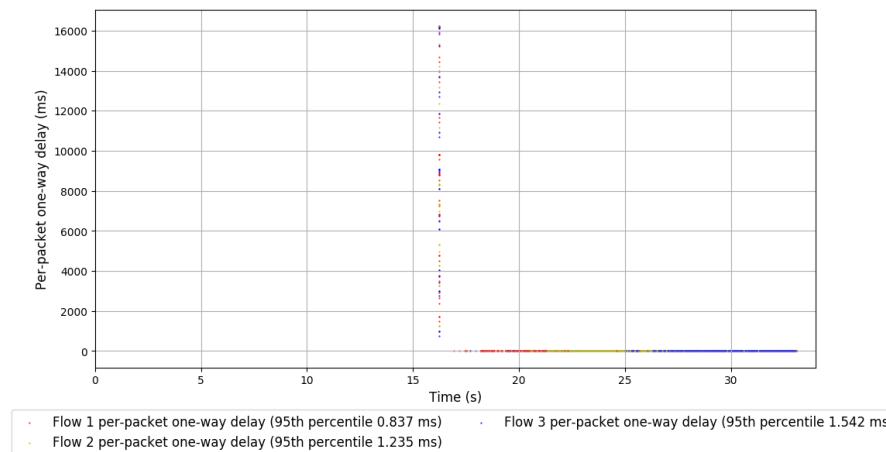
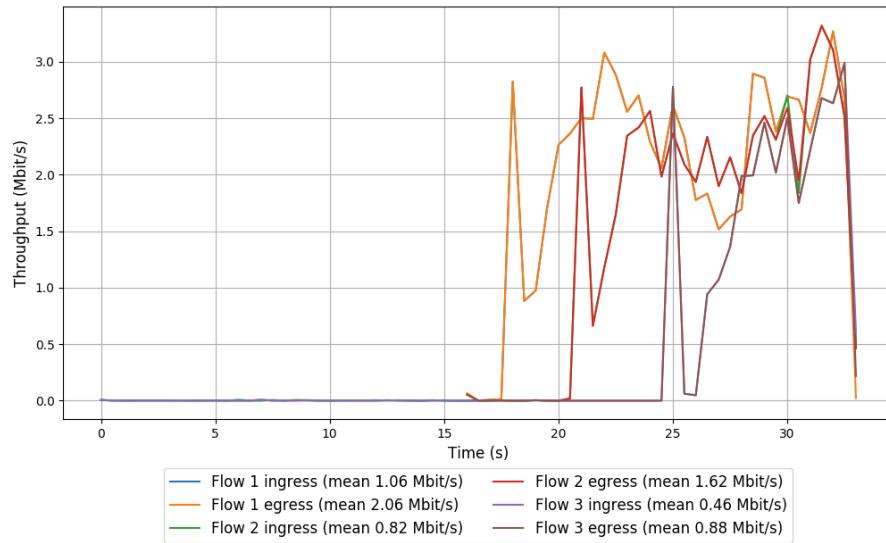
Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 22:43:33 +0000
End at: Tue, 04 Jul 2017 22:44:03 +0000
Local clock offset: 0.066 ms
Remote clock offset: -1.181 ms

Run 2: Report of WebRTC media — Data Link

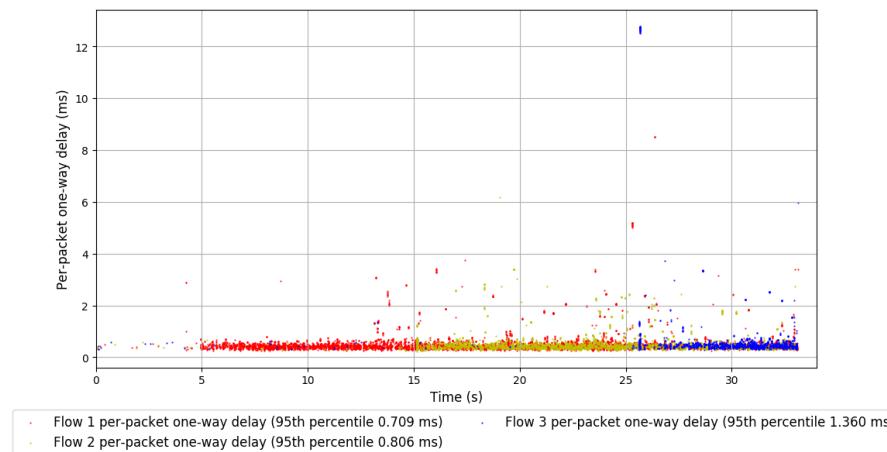
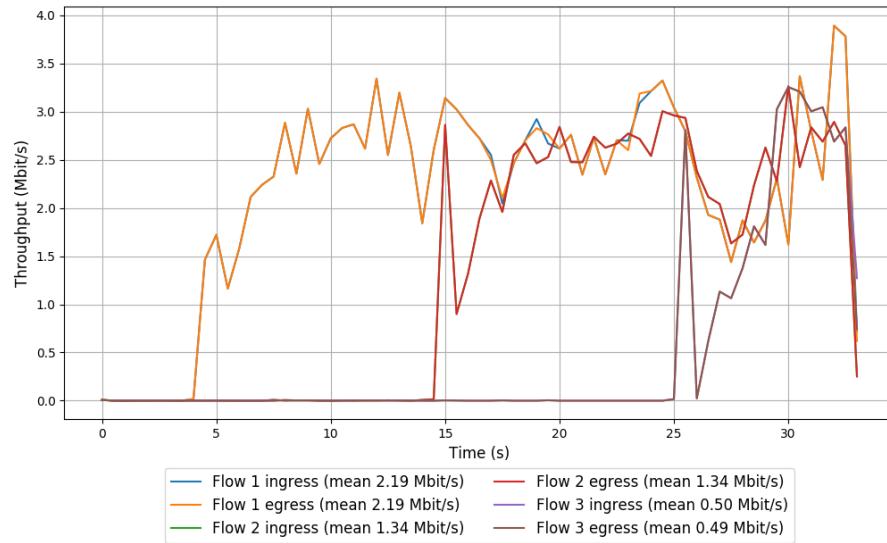


```
Run 3: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 23:04:10 +0000
End at: Tue, 04 Jul 2017 23:04:40 +0000
Local clock offset: -0.155 ms
Remote clock offset: -0.901 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 0.765 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 0.709 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 0.806 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 1.360 ms
Loss rate: 1.60%
```

Run 3: Report of WebRTC media — Data Link

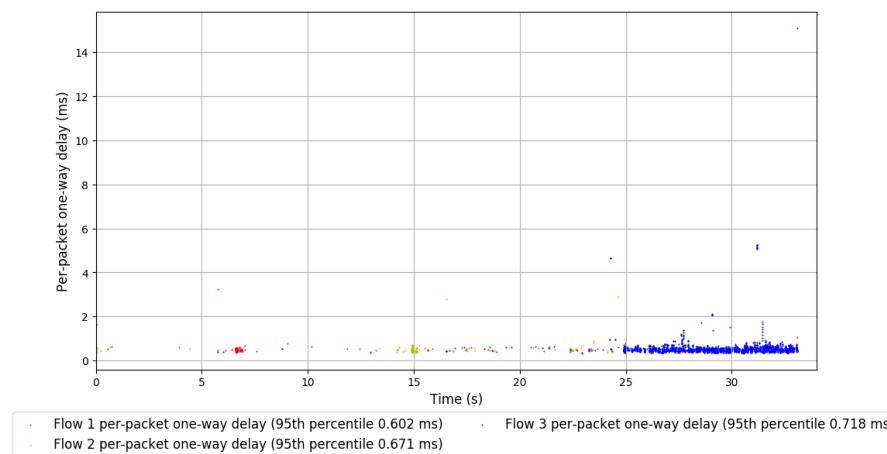
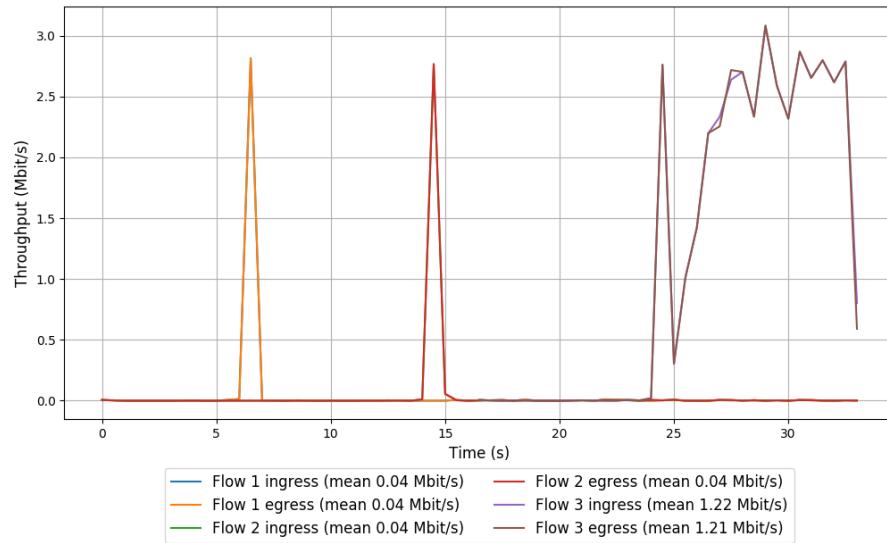


Run 4: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 23:25:00 +0000
End at: Tue, 04 Jul 2017 23:25:30 +0000
Local clock offset: -0.339 ms
Remote clock offset: -0.976 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 0.708 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 0.602 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 0.671 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 0.718 ms
Loss rate: 0.52%
```

Run 4: Report of WebRTC media — Data Link

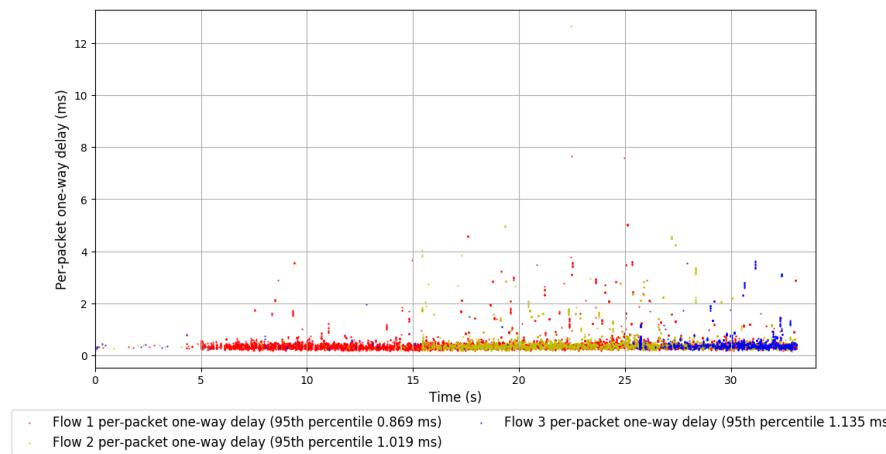
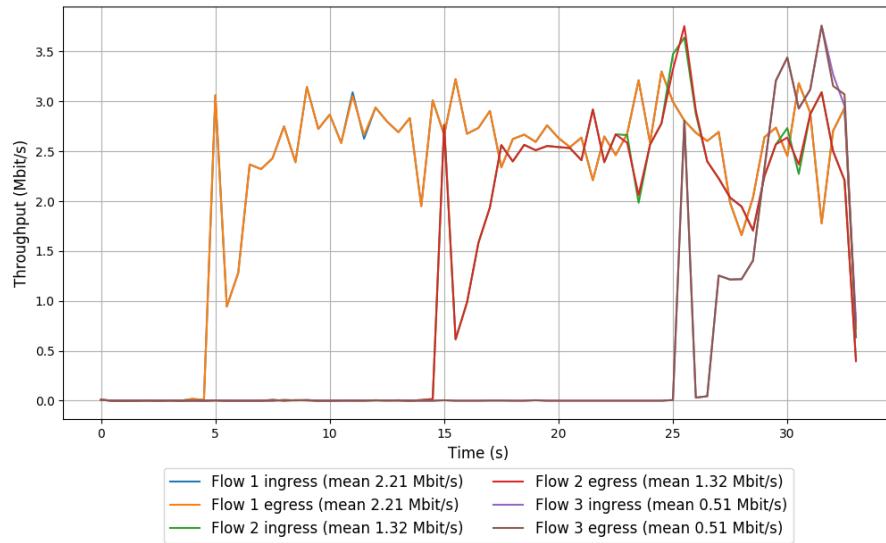


Run 5: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 23:45:39 +0000
End at: Tue, 04 Jul 2017 23:46:09 +0000
Local clock offset: -0.208 ms
Remote clock offset: -1.038 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 0.934 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 0.869 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 1.019 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.46%
```

Run 5: Report of WebRTC media — Data Link

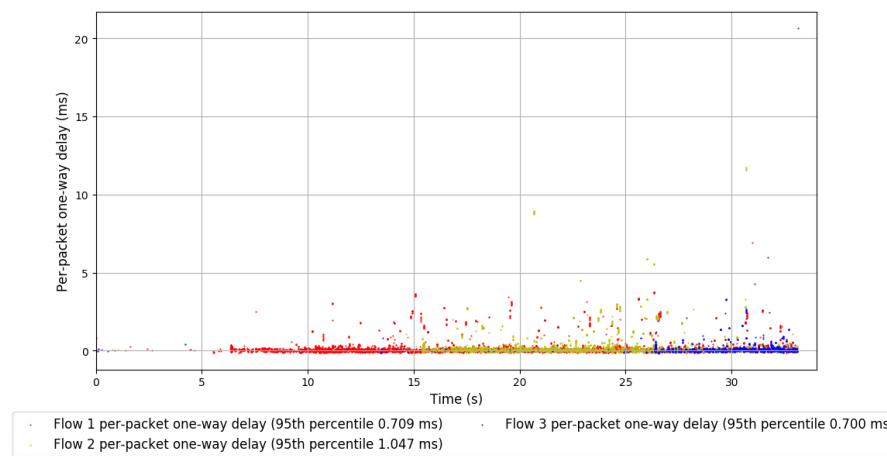
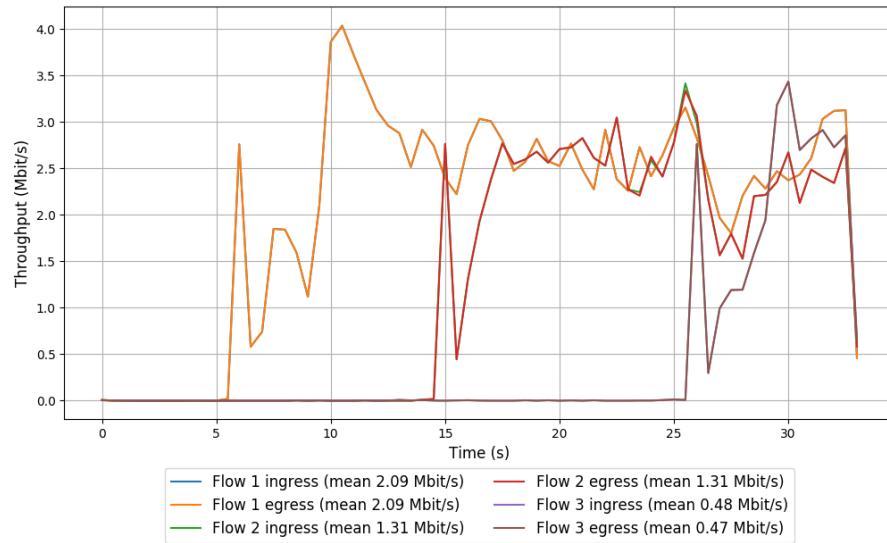


Run 6: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 00:06:32 +0000
End at: Wed, 05 Jul 2017 00:07:02 +0000
Local clock offset: -0.032 ms
Remote clock offset: -1.228 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 0.804 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 0.709 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 1.047 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 0.700 ms
Loss rate: 0.06%
```

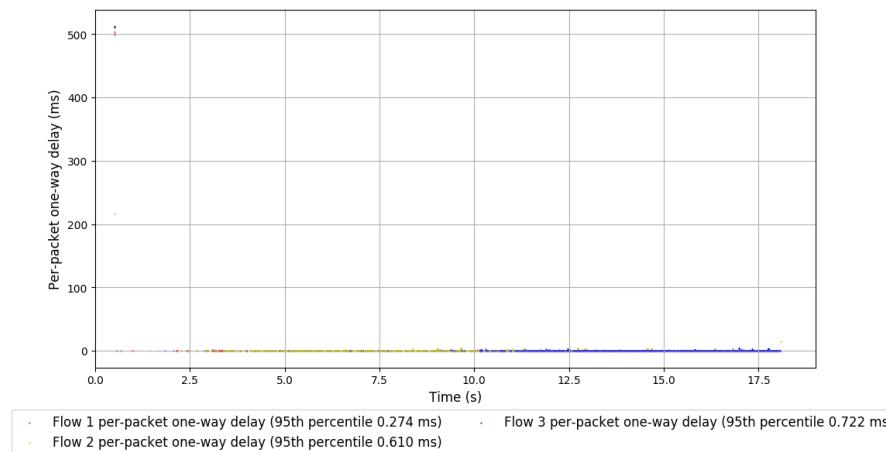
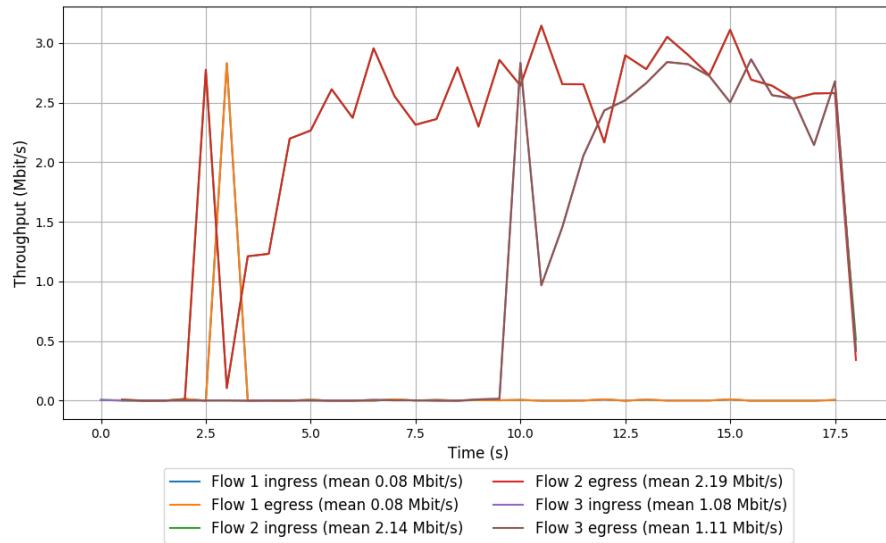
Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 00:27:17 +0000
End at: Wed, 05 Jul 2017 00:27:47 +0000
Local clock offset: 0.183 ms
Remote clock offset: -1.017 ms

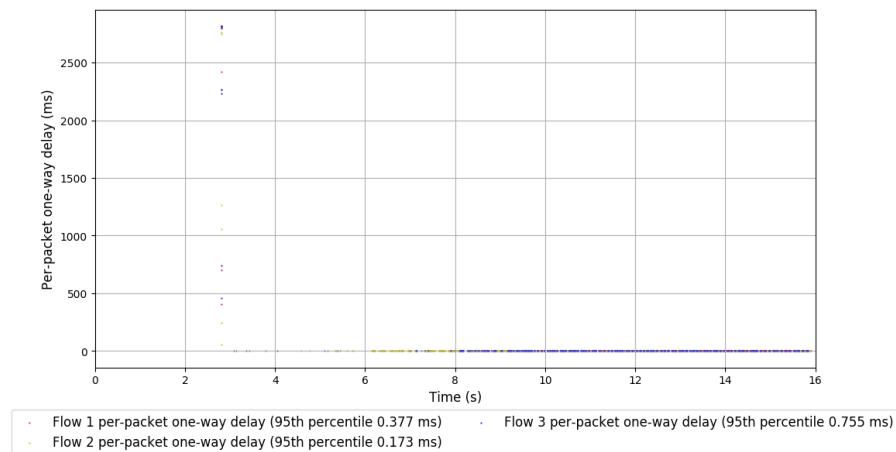
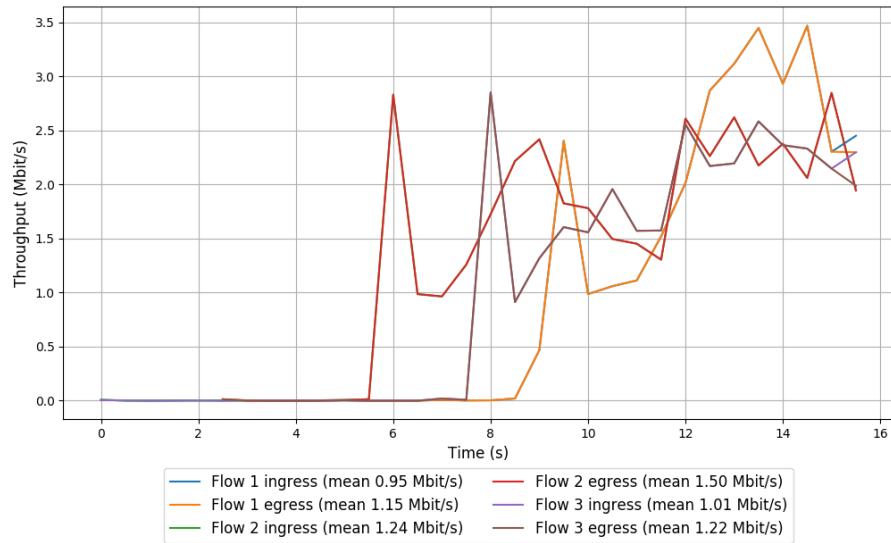
Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Wed, 05 Jul 2017 00:47:48 +0000
End at: Wed, 05 Jul 2017 00:48:18 +0000
Local clock offset: 0.481 ms
Remote clock offset: -1.291 ms

Run 8: Report of WebRTC media — Data Link

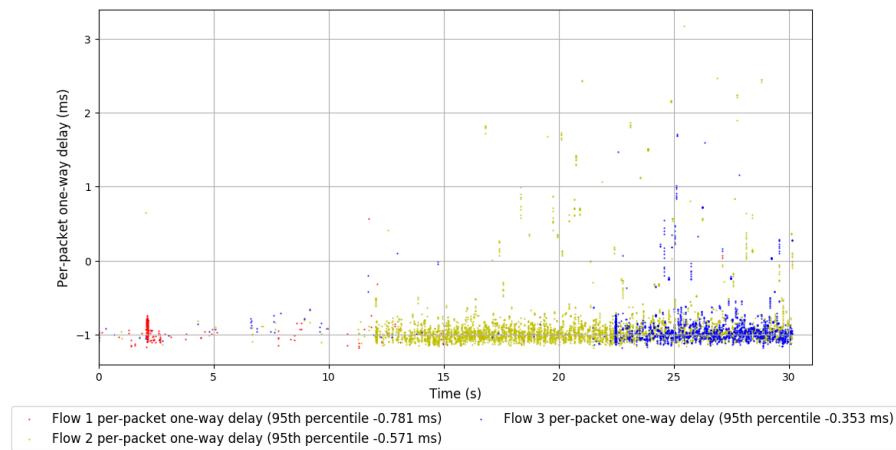
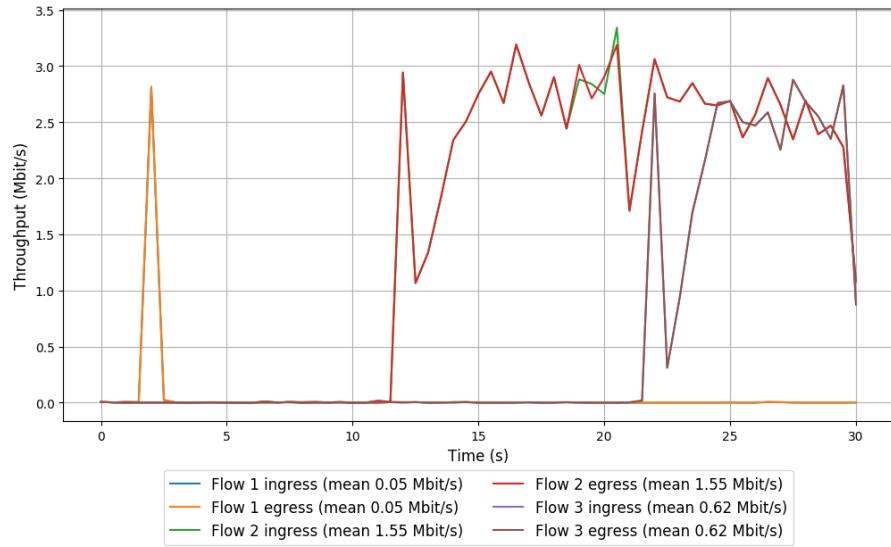


Run 9: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 01:08:23 +0000
End at: Wed, 05 Jul 2017 01:08:53 +0000
Local clock offset: 0.643 ms
Remote clock offset: -1.434 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: -0.547 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: -0.781 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: -0.571 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: -0.353 ms
Loss rate: 0.05%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: Wed, 05 Jul 2017 01:29:11 +0000
End at: Wed, 05 Jul 2017 01:29:41 +0000
Local clock offset: 0.378 ms
Remote clock offset: -1.156 ms

# Below is generated by plot.py at Wed, 05 Jul 2017 05:48:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 0.011 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 0.067 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: -0.130 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 0.185 ms
Loss rate: 0.11%
```

Run 10: Report of WebRTC media — Data Link

