

Pantheon Summary (Generated at Tue, 01 Aug 2017 06:04:08 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 15 congestion control schemes 10 times.

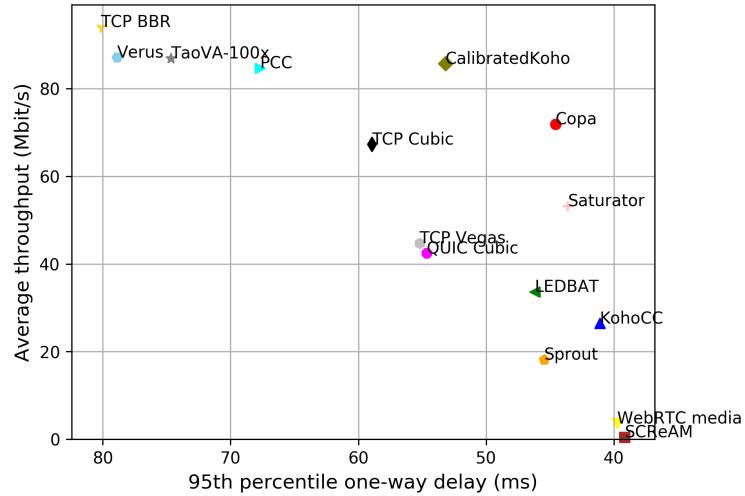
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).

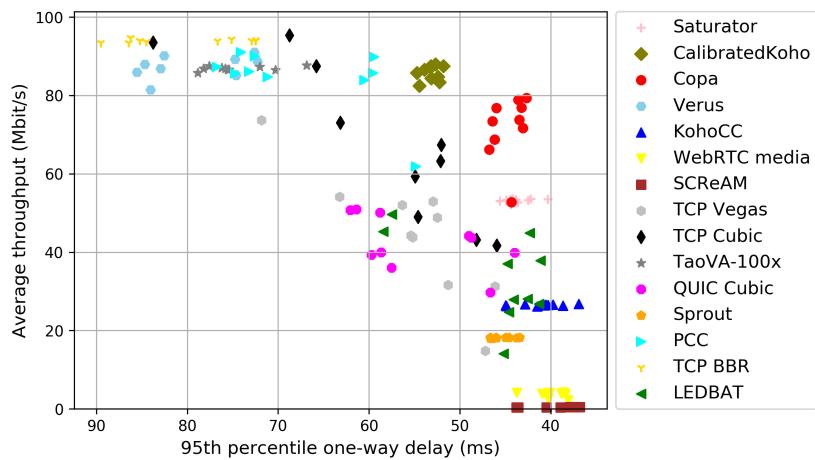
NTP offset measured against time.stanford.edu and has been applied to correct the timestamps in logs.

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
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 @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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 @ 6f2efe6e088d91066a9f023df375eee2665089ce
    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 Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



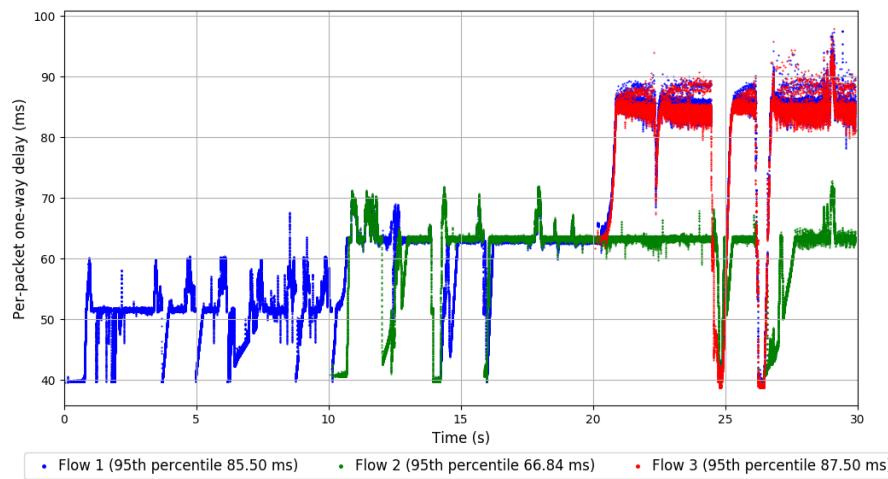
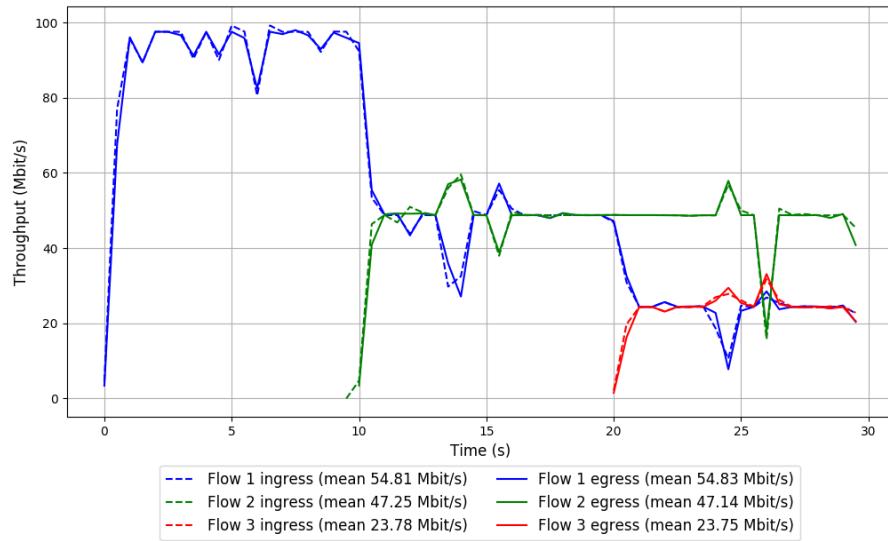
| scheme | # runs | mean avg tput (Mbit/s) | | | mean 95th-%ile delay (ms) | | | mean loss rate (%) | | |
|----------------|--------|------------------------|--------|--------|---------------------------|--------|--------|--------------------|--------|--------|
| | | flow 1 | flow 2 | flow 3 | flow 1 | flow 2 | flow 3 | flow 1 | flow 2 | flow 3 |
| TCP BBR | 10 | 57.34 | 40.25 | 29.83 | 75.97 | 77.69 | 81.76 | 0.36 | 0.66 | 1.46 |
| CalibratedKoho | 10 | 61.83 | 27.91 | 16.14 | 53.07 | 53.37 | 53.15 | 0.35 | 0.55 | 1.24 |
| Copa | 10 | 41.15 | 32.25 | 27.94 | 44.00 | 44.80 | 47.55 | 0.33 | 0.55 | 0.99 |
| TCP Cubic | 10 | 32.64 | 35.28 | 33.96 | 55.87 | 57.53 | 57.78 | 0.32 | 0.40 | 0.87 |
| KohoCC | 10 | 13.35 | 13.28 | 12.98 | 40.95 | 41.13 | 41.31 | 0.41 | 0.52 | 0.98 |
| LEDBAT | 10 | 19.98 | 15.57 | 10.12 | 45.96 | 45.12 | 45.73 | 0.38 | 0.63 | 1.66 |
| PCC | 10 | 58.18 | 28.76 | 22.38 | 64.29 | 68.72 | 68.40 | 0.42 | 0.68 | 1.20 |
| QUIC Cubic | 10 | 0.07 | 47.18 | 33.95 | 37.74 | 54.20 | 55.14 | 0.00 | 0.54 | 1.43 |
| Saturator | 10 | 26.71 | 26.74 | 26.25 | 43.13 | 43.48 | 44.86 | 0.38 | 0.55 | 1.07 |
| SCReAM | 10 | 0.21 | 0.22 | 0.22 | 39.10 | 38.83 | 39.08 | 0.29 | 0.46 | 0.92 |
| Sprout | 10 | 9.20 | 9.05 | 8.88 | 45.16 | 45.70 | 45.70 | 0.31 | 0.55 | 0.98 |
| TaoVA-100x | 10 | 51.57 | 37.83 | 30.58 | 67.44 | 73.99 | 75.19 | 0.41 | 0.68 | 1.43 |
| TCP Vegas | 10 | 24.22 | 19.37 | 22.50 | 52.72 | 54.10 | 52.47 | 0.38 | 0.48 | 0.83 |
| Verus | 10 | 51.43 | 38.88 | 30.44 | 77.97 | 73.82 | 77.66 | 0.39 | 0.52 | 1.46 |
| WebRTC media | 10 | 1.79 | 1.53 | 0.46 | 39.58 | 39.77 | 40.18 | 0.40 | 0.65 | 1.72 |

Run 1: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 02:00:33 +0000
End at: Tue, 01 Aug 2017 02:01:03 +0000
Local clock offset: 0.535 ms
Remote clock offset: -1.763 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.00 Mbit/s
95th percentile per-packet one-way delay: 85.229 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 85.500 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 47.14 Mbit/s
95th percentile per-packet one-way delay: 66.839 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 87.497 ms
Loss rate: 1.42%
```

Run 1: Report of TCP BBR — Data Link

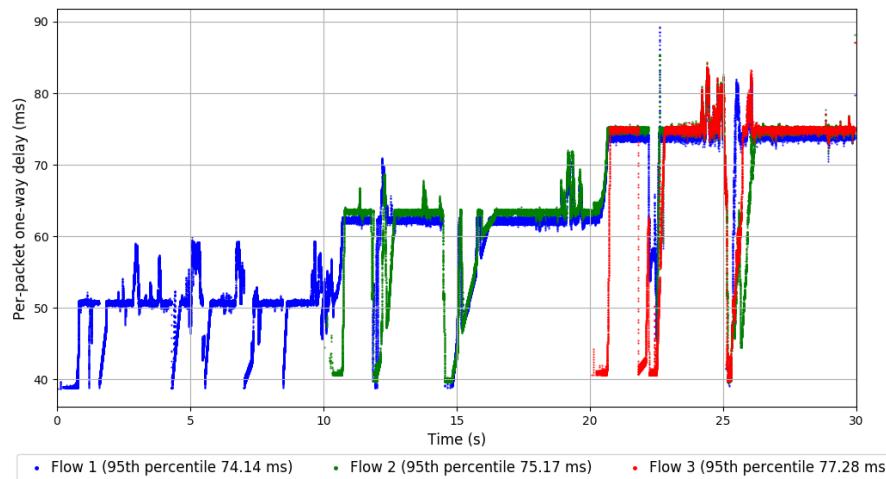
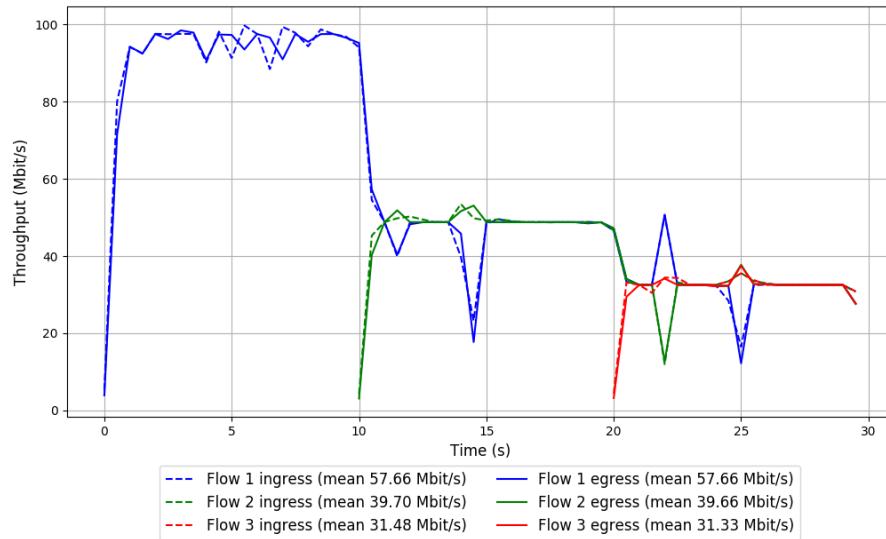


Run 2: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 02:21:37 +0000
End at: Tue, 01 Aug 2017 02:22:07 +0000
Local clock offset: 0.482 ms
Remote clock offset: -1.911 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 75.124 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 74.142 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 75.173 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 77.281 ms
Loss rate: 1.35%
```

Run 2: Report of TCP BBR — Data Link

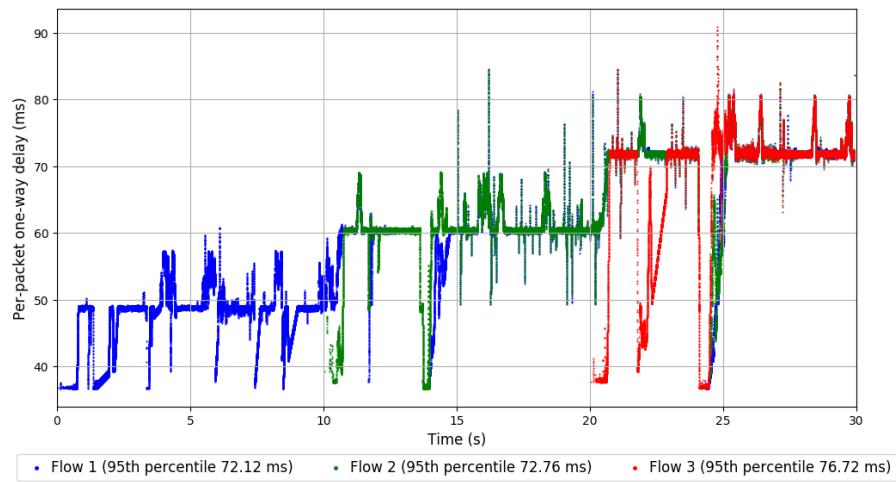
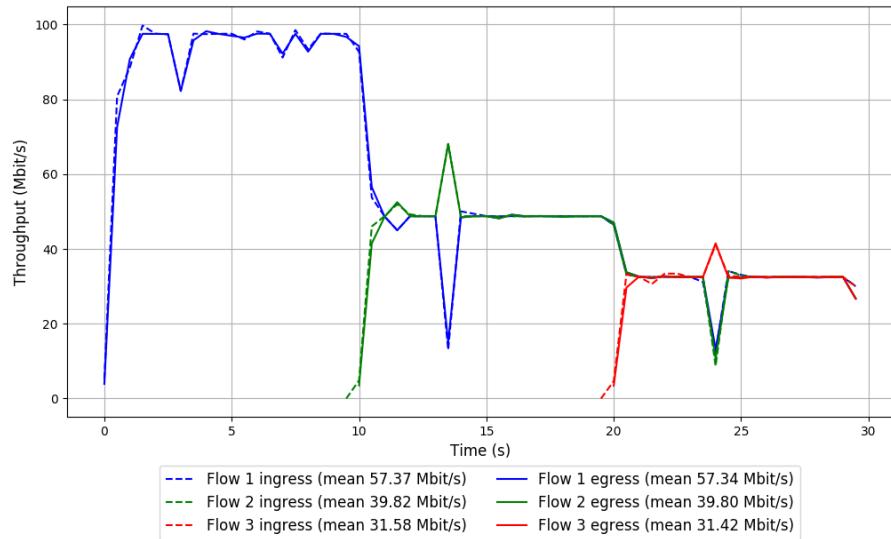


Run 3: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 02:42:36 +0000
End at: Tue, 01 Aug 2017 02:43:06 +0000
Local clock offset: 0.224 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 72.445 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 72.123 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.80 Mbit/s
95th percentile per-packet one-way delay: 72.757 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 76.724 ms
Loss rate: 1.38%
```

Run 3: Report of TCP BBR — Data Link

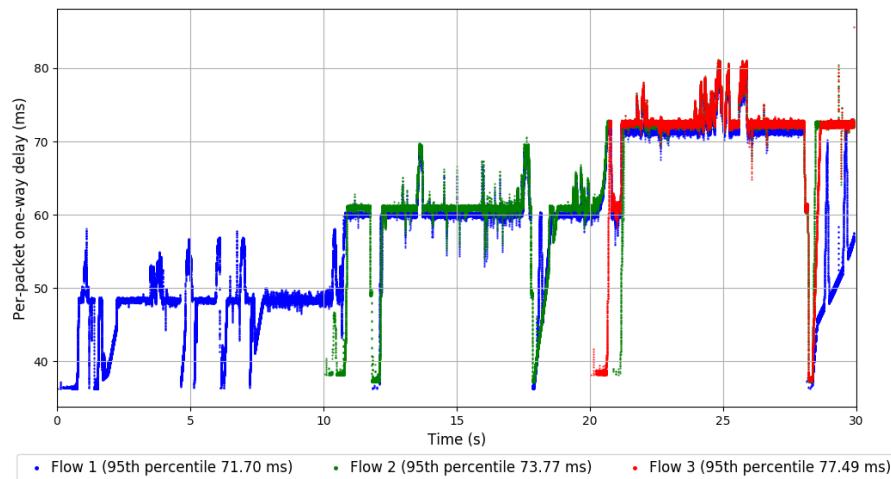
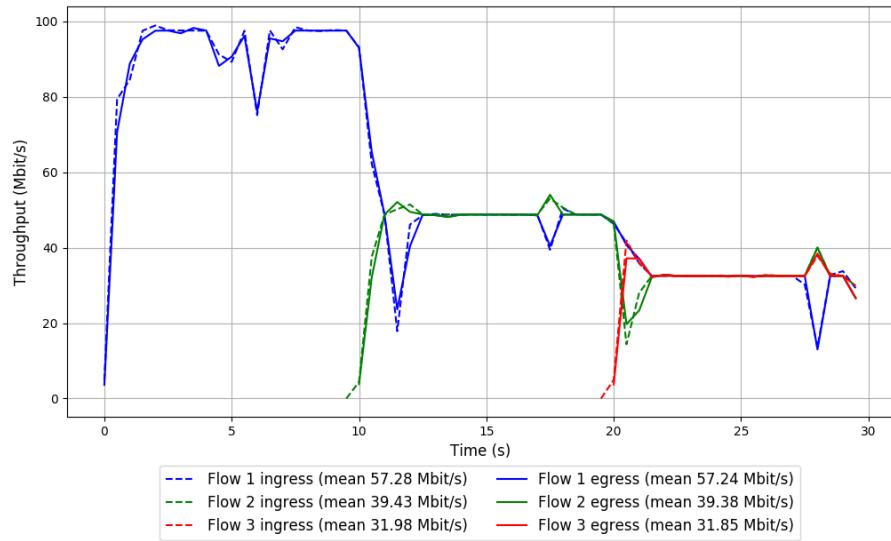


Run 4: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 03:03:53 +0000
End at: Tue, 01 Aug 2017 03:04:23 +0000
Local clock offset: 0.192 ms
Remote clock offset: 0.587 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 72.924 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 57.24 Mbit/s
95th percentile per-packet one-way delay: 71.696 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 73.774 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 77.487 ms
Loss rate: 1.29%
```

Run 4: Report of TCP BBR — Data Link

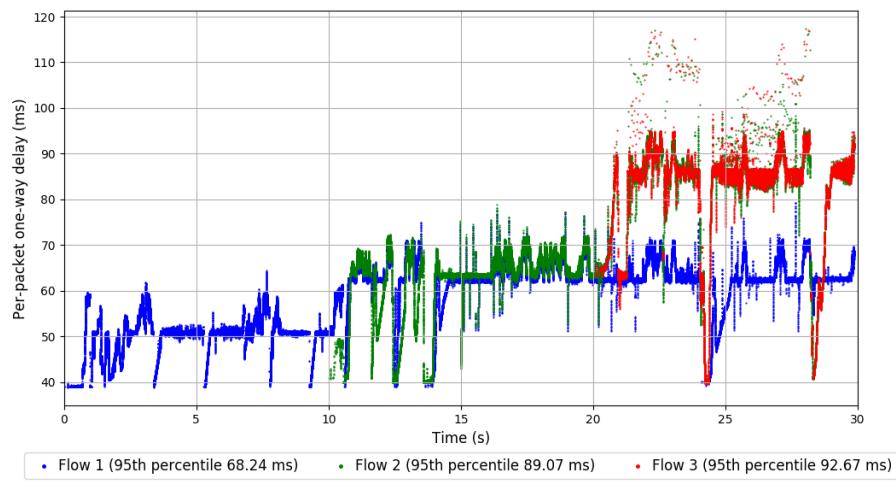
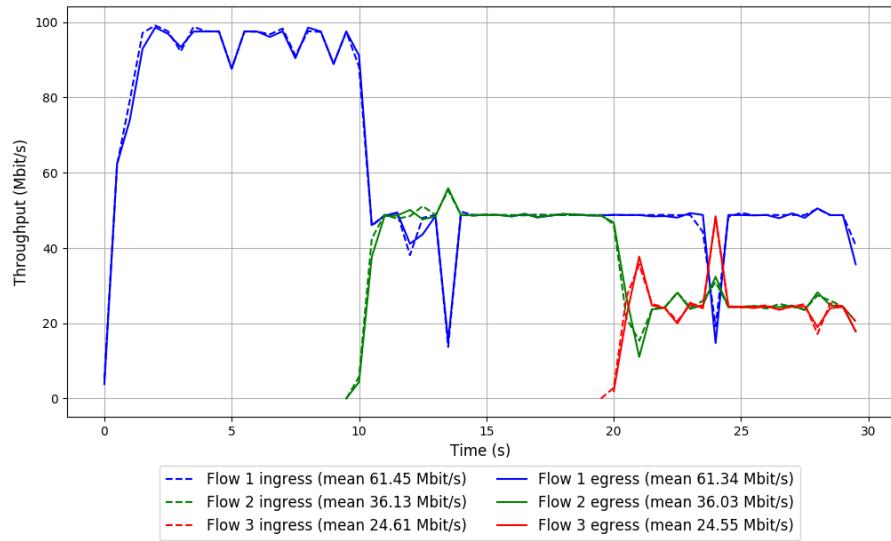


Run 5: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 03:24:56 +0000
End at: Tue, 01 Aug 2017 03:25:26 +0000
Local clock offset: 0.025 ms
Remote clock offset: -2.209 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 86.440 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 61.34 Mbit/s
95th percentile per-packet one-way delay: 68.237 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 36.03 Mbit/s
95th percentile per-packet one-way delay: 89.069 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 92.674 ms
Loss rate: 1.59%
```

Run 5: Report of TCP BBR — Data Link

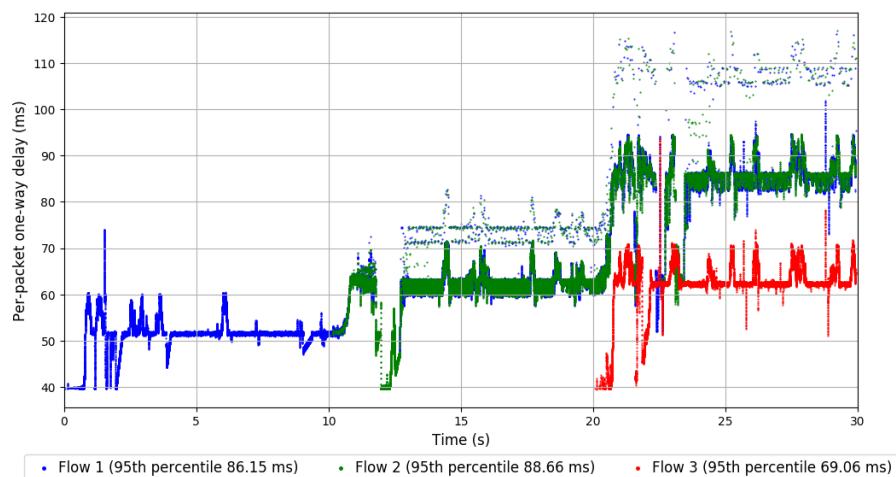
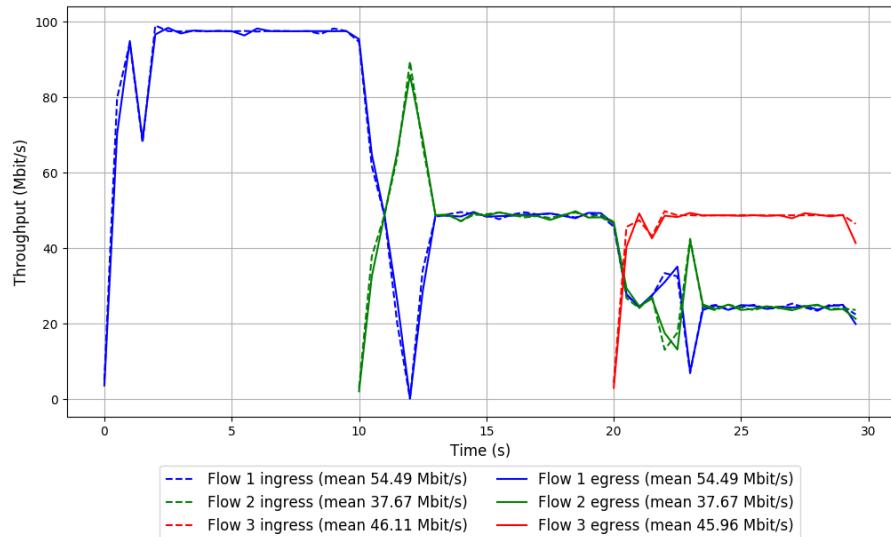


Run 6: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 03:46:03 +0000
End at: Tue, 01 Aug 2017 03:46:33 +0000
Local clock offset: -0.139 ms
Remote clock offset: -2.352 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 86.242 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 54.49 Mbit/s
95th percentile per-packet one-way delay: 86.153 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 37.67 Mbit/s
95th percentile per-packet one-way delay: 88.656 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 45.96 Mbit/s
95th percentile per-packet one-way delay: 69.056 ms
Loss rate: 1.31%
```

Run 6: Report of TCP BBR — Data Link

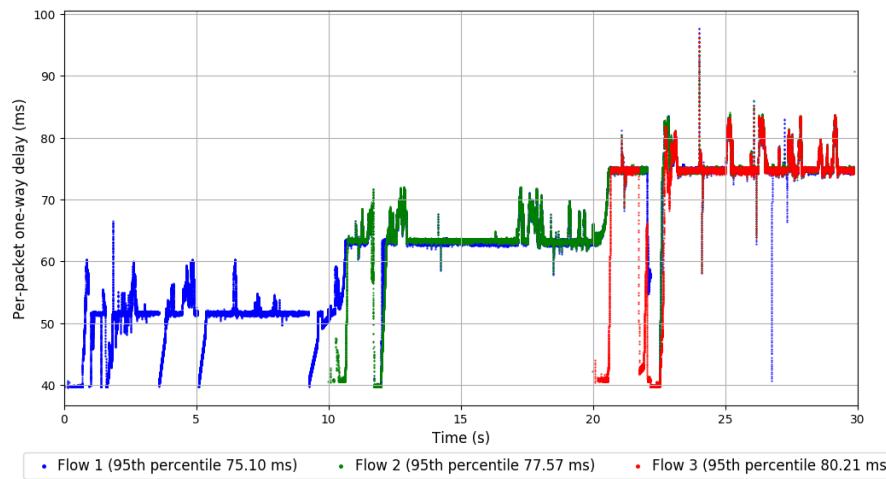
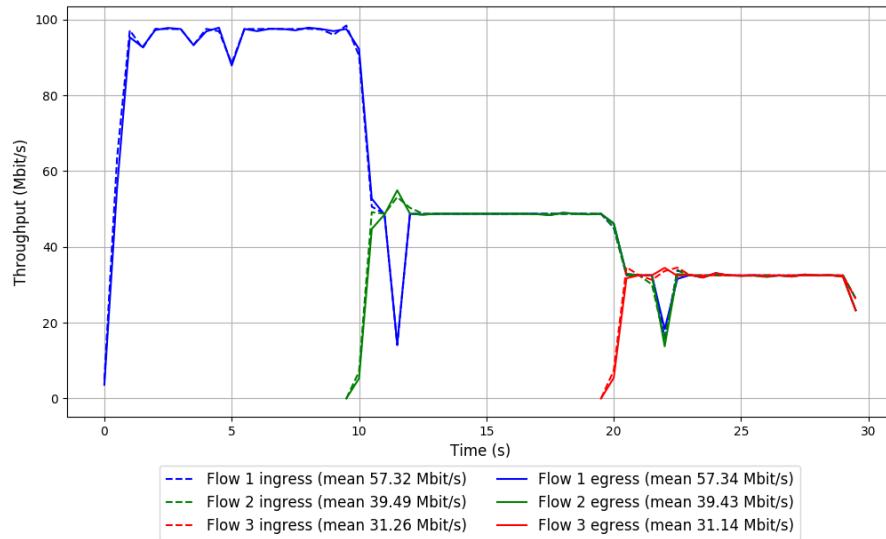


Run 7: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 04:07:19 +0000
End at: Tue, 01 Aug 2017 04:07:49 +0000
Local clock offset: -0.033 ms
Remote clock offset: -2.732 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 76.661 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 75.102 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 39.43 Mbit/s
95th percentile per-packet one-way delay: 77.572 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 31.14 Mbit/s
95th percentile per-packet one-way delay: 80.209 ms
Loss rate: 1.42%
```

Run 7: Report of TCP BBR — Data Link

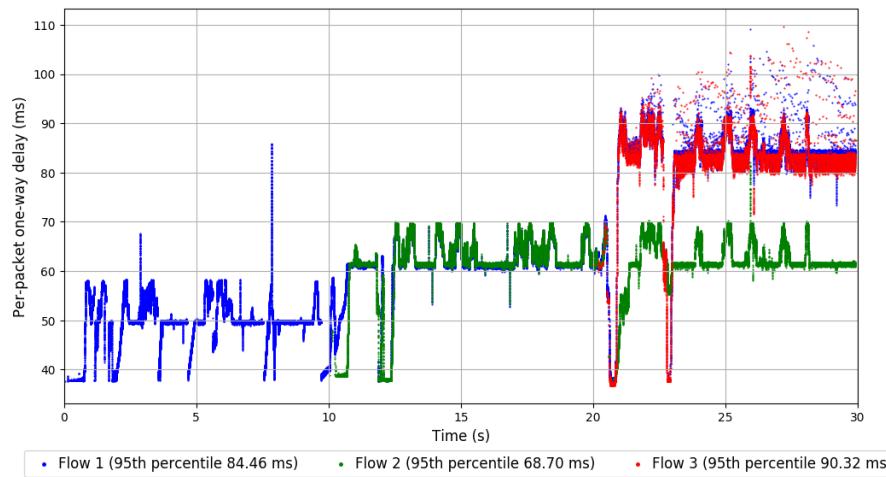
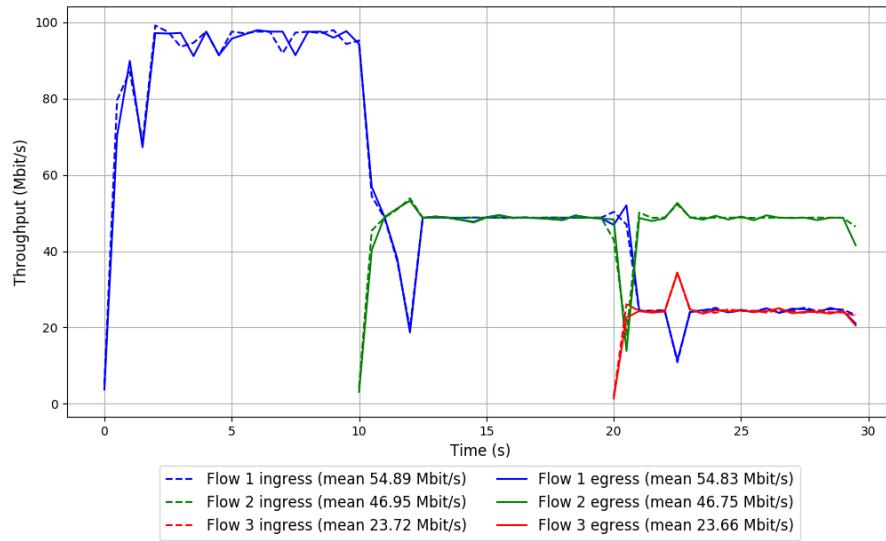


Run 8: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 04:28:25 +0000
End at: Tue, 01 Aug 2017 04:28:55 +0000
Local clock offset: 0.164 ms
Remote clock offset: -0.839 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 84.503 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 84.463 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 46.75 Mbit/s
95th percentile per-packet one-way delay: 68.700 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 23.66 Mbit/s
95th percentile per-packet one-way delay: 90.319 ms
Loss rate: 1.59%
```

Run 8: Report of TCP BBR — Data Link

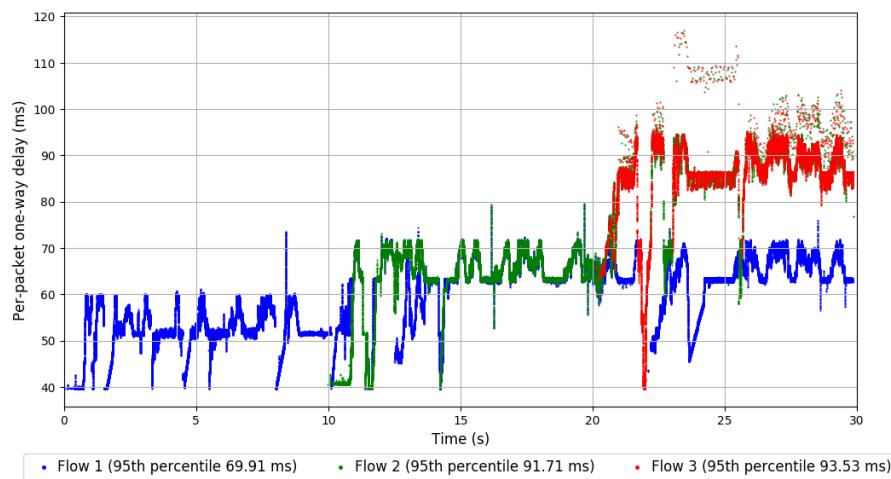
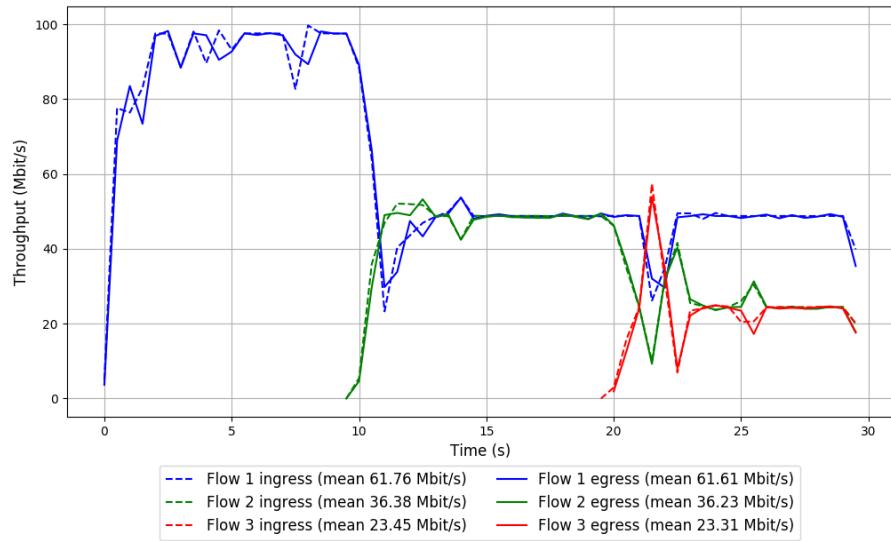


Run 9: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 04:49:57 +0000
End at: Tue, 01 Aug 2017 04:50:27 +0000
Local clock offset: 0.1 ms
Remote clock offset: -2.967 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 89.527 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 61.61 Mbit/s
95th percentile per-packet one-way delay: 69.905 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 91.706 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 23.31 Mbit/s
95th percentile per-packet one-way delay: 93.528 ms
Loss rate: 1.94%
```

Run 9: Report of TCP BBR — Data Link

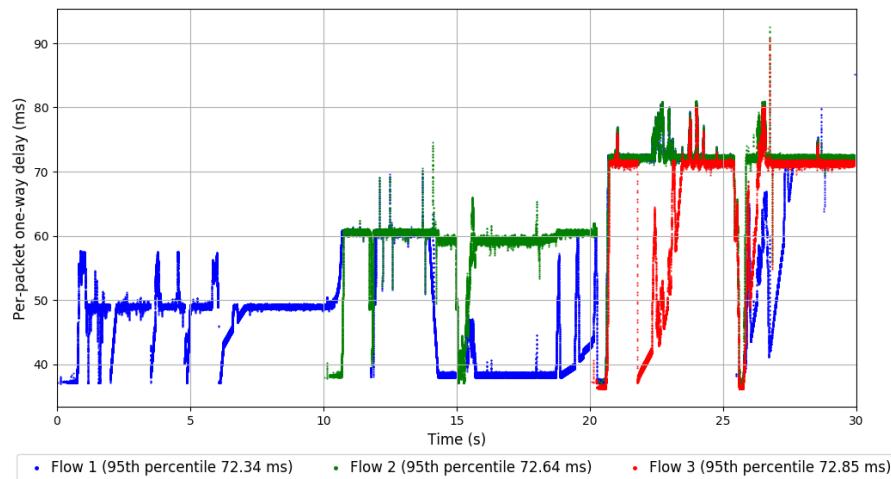
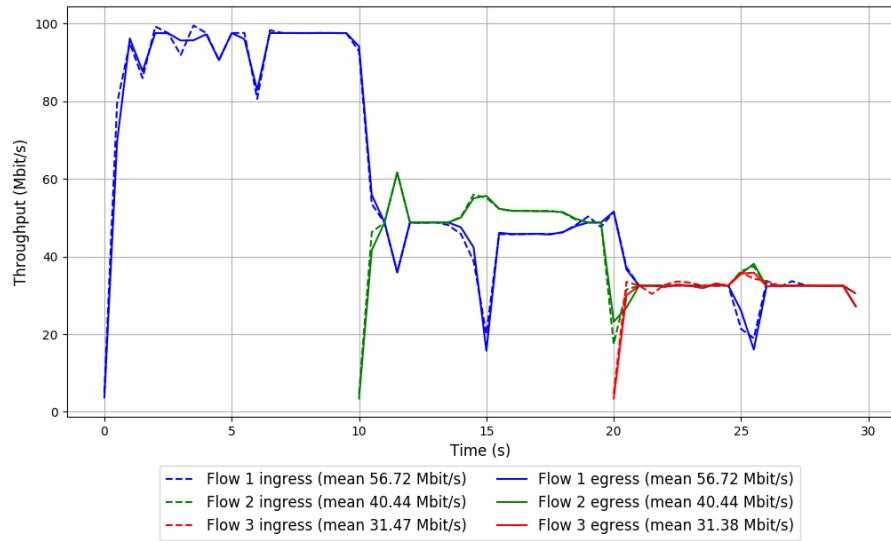


Run 10: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 05:11:13 +0000
End at: Tue, 01 Aug 2017 05:11:43 +0000
Local clock offset: 0.162 ms
Remote clock offset: -0.506 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:53:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 72.498 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 72.344 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 72.640 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 31.38 Mbit/s
95th percentile per-packet one-way delay: 72.846 ms
Loss rate: 1.35%
```

Run 10: Report of TCP BBR — Data Link

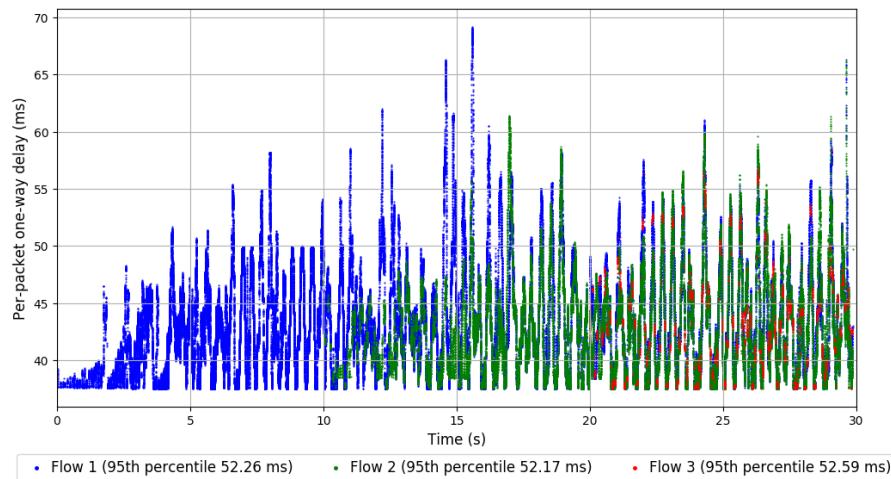
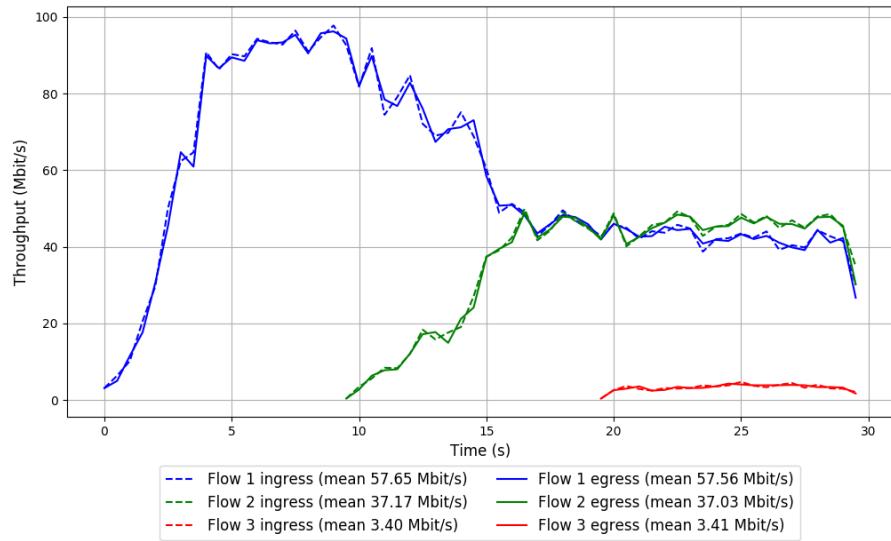


```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 01:59:00 +0000
End at: Tue, 01 Aug 2017 01:59:30 +0000
Local clock offset: 0.556 ms
Remote clock offset: 0.348 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.35 Mbit/s
95th percentile per-packet one-way delay: 52.256 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 57.56 Mbit/s
95th percentile per-packet one-way delay: 52.255 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 37.03 Mbit/s
95th percentile per-packet one-way delay: 52.172 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 52.589 ms
Loss rate: 0.88%
```

Run 1: Report of CalibratedKoho — Data Link

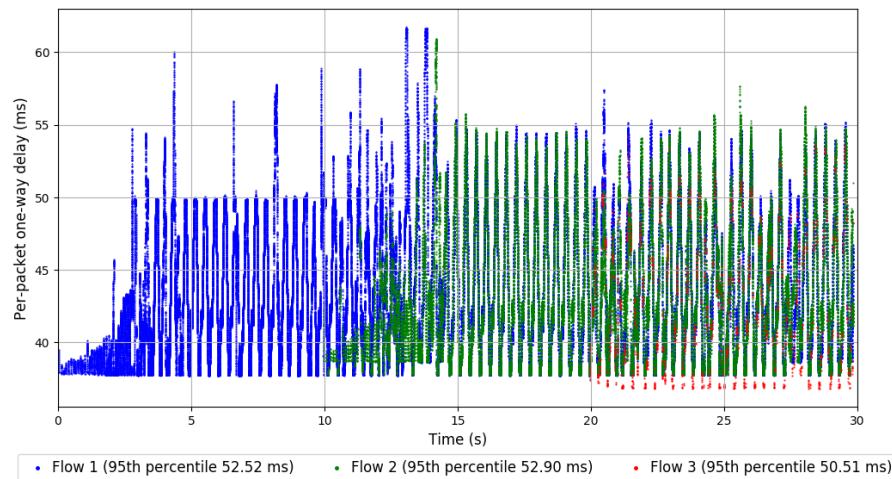
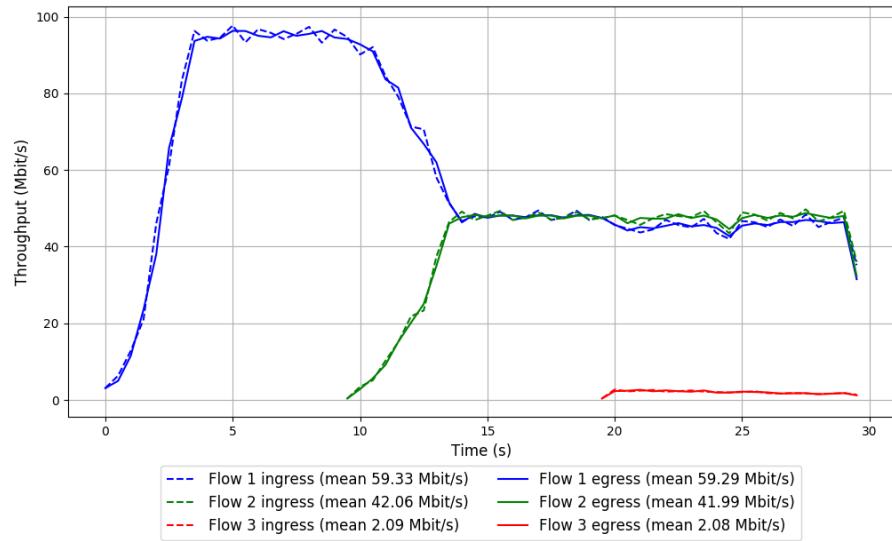


Run 2: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 02:20:10 +0000
End at: Tue, 01 Aug 2017 02:20:40 +0000
Local clock offset: 0.471 ms
Remote clock offset: 0.078 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 52.669 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 59.29 Mbit/s
95th percentile per-packet one-way delay: 52.520 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 41.99 Mbit/s
95th percentile per-packet one-way delay: 52.904 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 50.509 ms
Loss rate: 0.87%
```

Run 2: Report of CalibratedKoho — Data Link

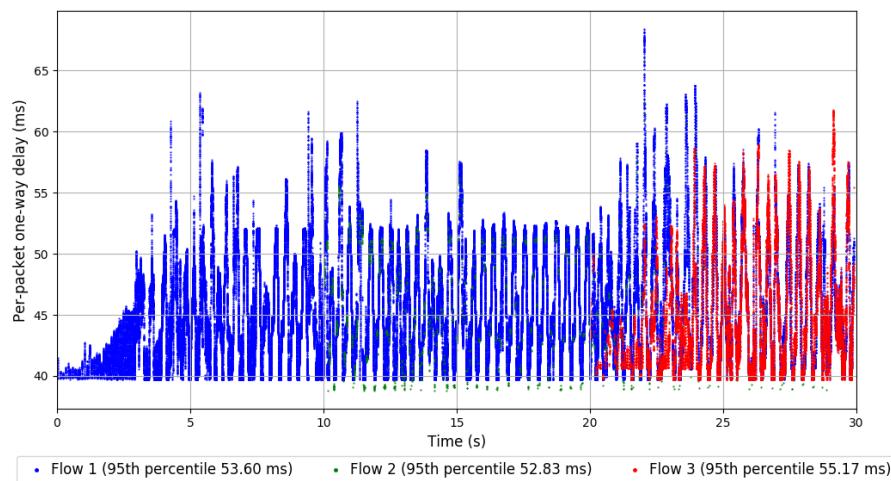
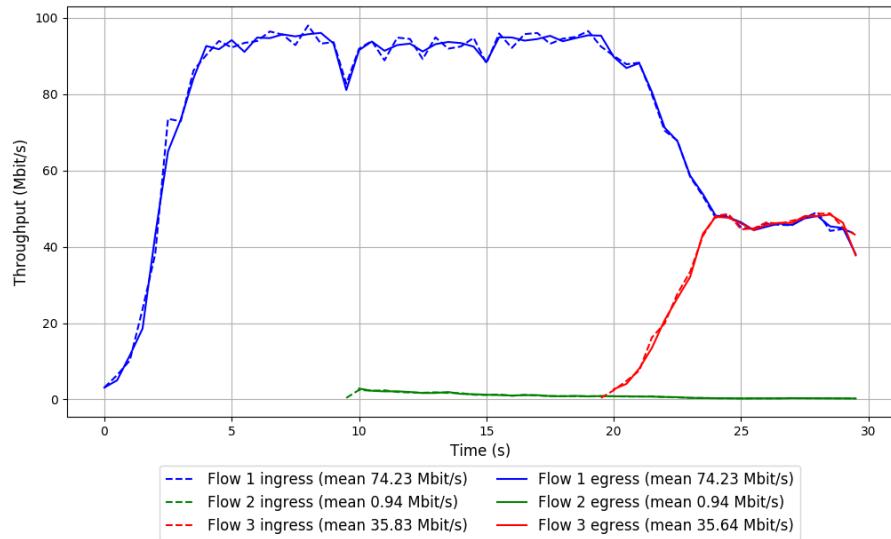


Run 3: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 02:41:10 +0000
End at: Tue, 01 Aug 2017 02:41:40 +0000
Local clock offset: 0.264 ms
Remote clock offset: -2.074 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.62 Mbit/s
95th percentile per-packet one-way delay: 53.905 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 74.23 Mbit/s
95th percentile per-packet one-way delay: 53.601 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 0.94 Mbit/s
95th percentile per-packet one-way delay: 52.834 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 35.64 Mbit/s
95th percentile per-packet one-way delay: 55.167 ms
Loss rate: 1.36%
```

Run 3: Report of CalibratedKoho — Data Link

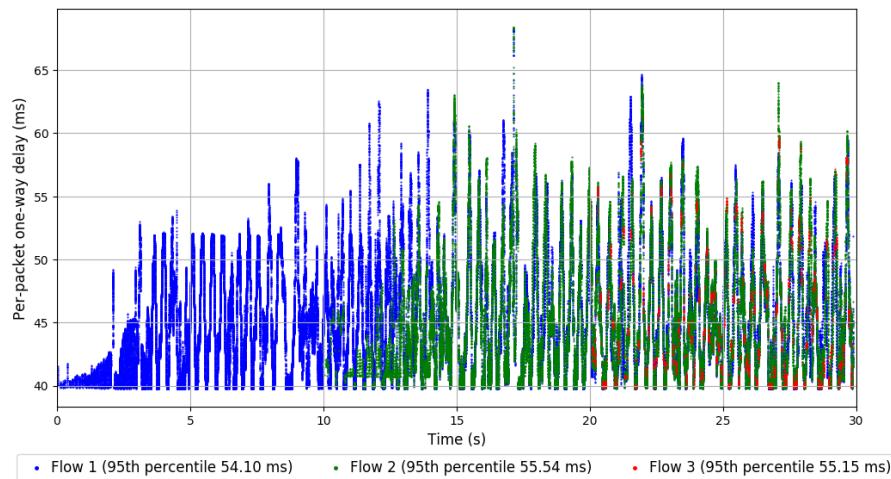
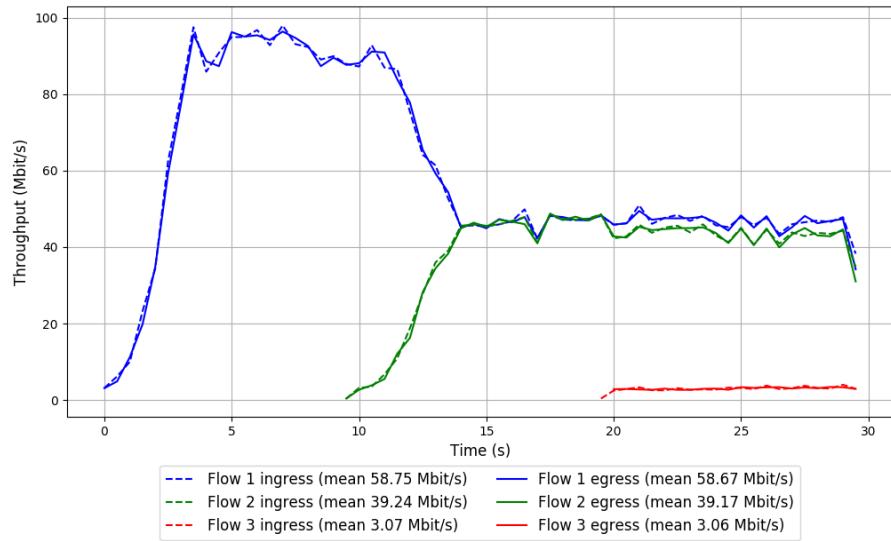


Run 4: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 03:02:25 +0000
End at: Tue, 01 Aug 2017 03:02:55 +0000
Local clock offset: 0.189 ms
Remote clock offset: -2.02 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.77 Mbit/s
95th percentile per-packet one-way delay: 54.716 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 54.103 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 55.537 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 3.06 Mbit/s
95th percentile per-packet one-way delay: 55.154 ms
Loss rate: 1.49%
```

Run 4: Report of CalibratedKoho — Data Link

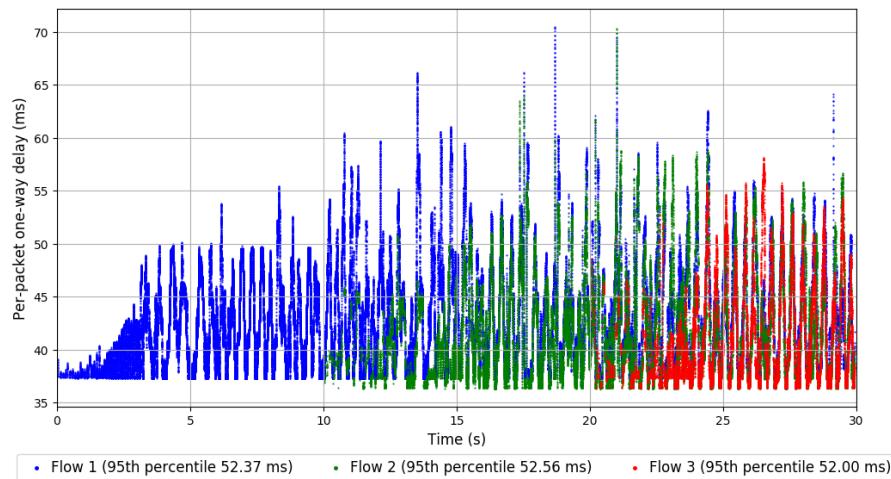
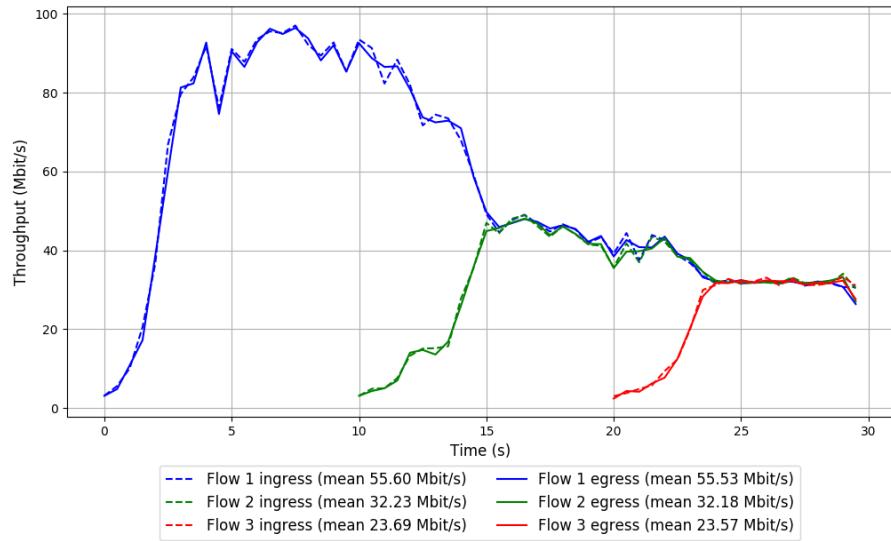


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 03:23:29 +0000
End at: Tue, 01 Aug 2017 03:23:59 +0000
Local clock offset: 0.03 ms
Remote clock offset: 0.312 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.72 Mbit/s
95th percentile per-packet one-way delay: 52.391 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 55.53 Mbit/s
95th percentile per-packet one-way delay: 52.367 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 52.562 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 23.57 Mbit/s
95th percentile per-packet one-way delay: 51.999 ms
Loss rate: 1.46%
```

Run 5: Report of CalibratedKoho — Data Link

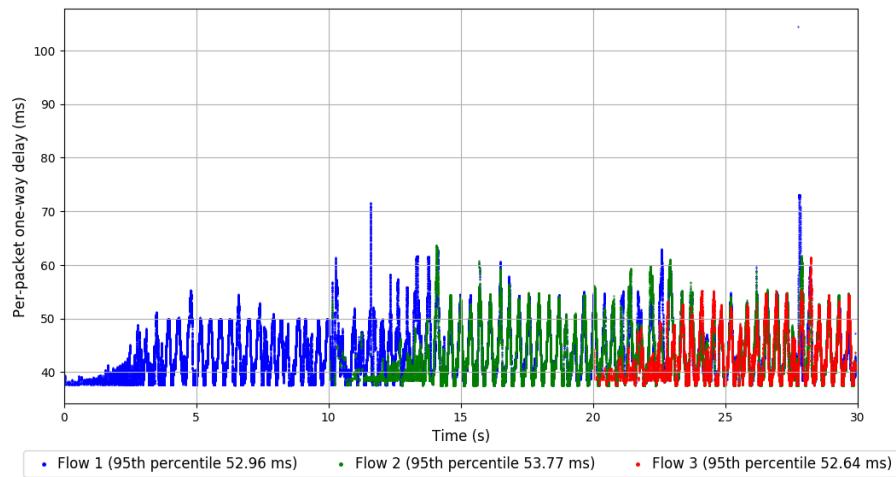
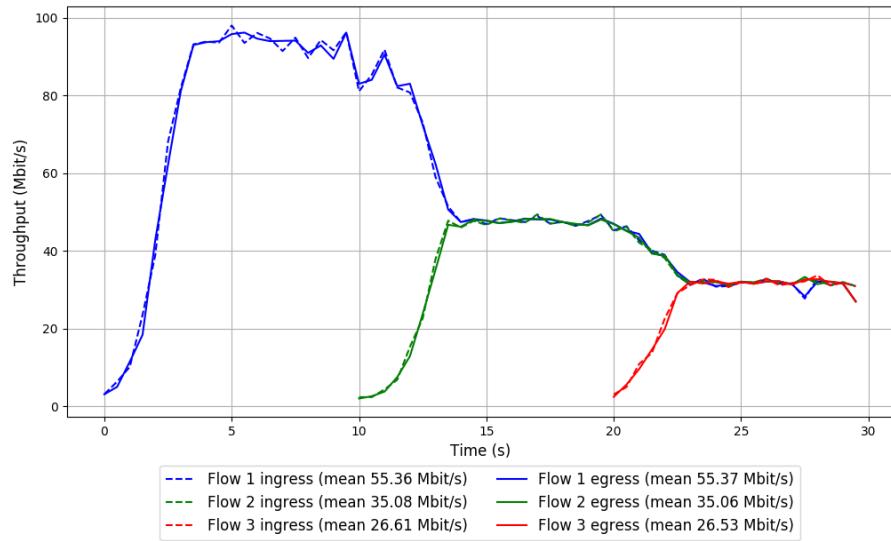


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 03:44:36 +0000
End at: Tue, 01 Aug 2017 03:45:06 +0000
Local clock offset: -0.156 ms
Remote clock offset: -0.275 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 53.183 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 55.37 Mbit/s
95th percentile per-packet one-way delay: 52.956 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 53.769 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 52.642 ms
Loss rate: 1.23%
```

Run 6: Report of CalibratedKoho — Data Link

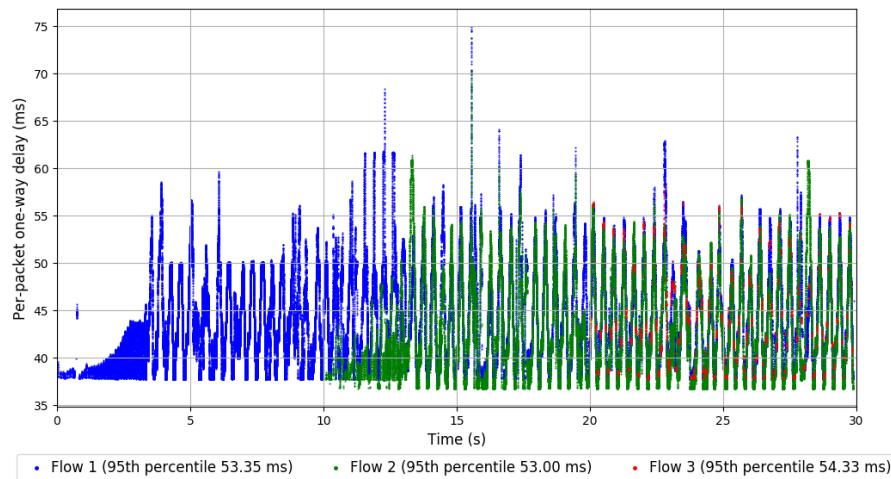
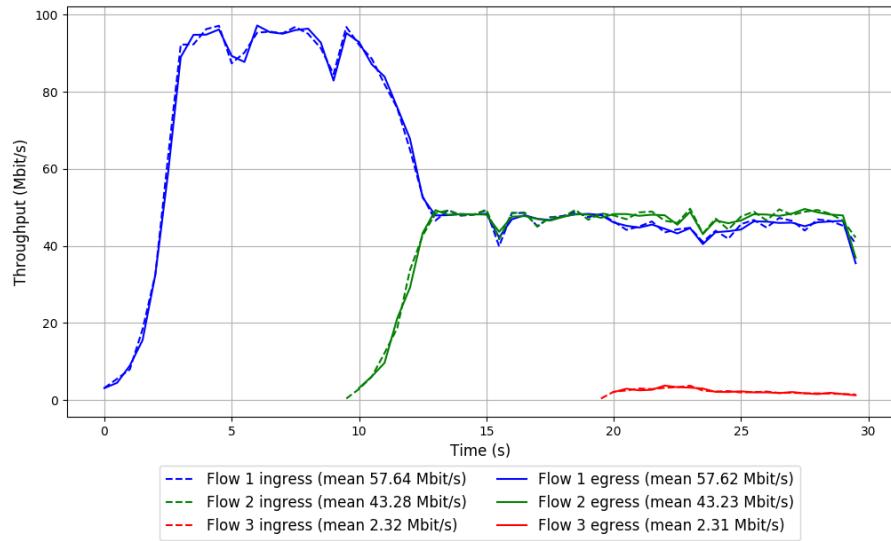


Run 7: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 04:05:51 +0000
End at: Tue, 01 Aug 2017 04:06:21 +0000
Local clock offset: 0.076 ms
Remote clock offset: -0.709 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.17 Mbit/s
95th percentile per-packet one-way delay: 53.229 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 53.349 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 43.23 Mbit/s
95th percentile per-packet one-way delay: 53.003 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 54.329 ms
Loss rate: 0.94%
```

Run 7: Report of CalibratedKoho — Data Link

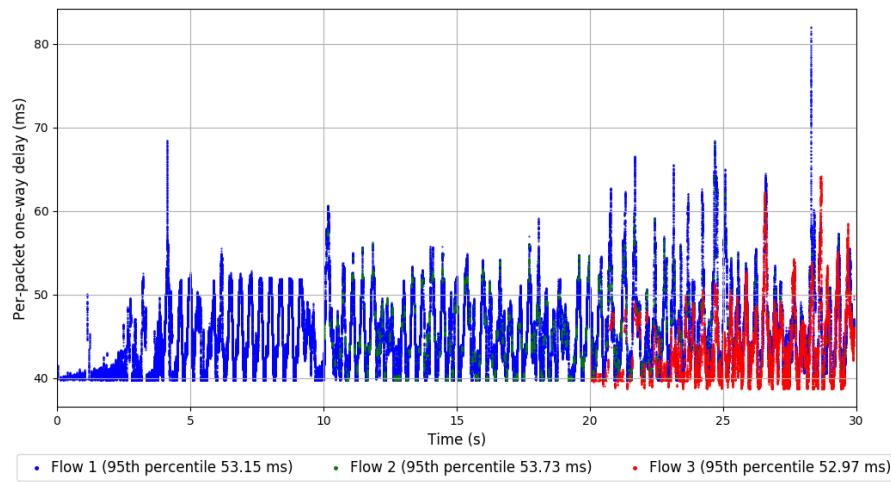
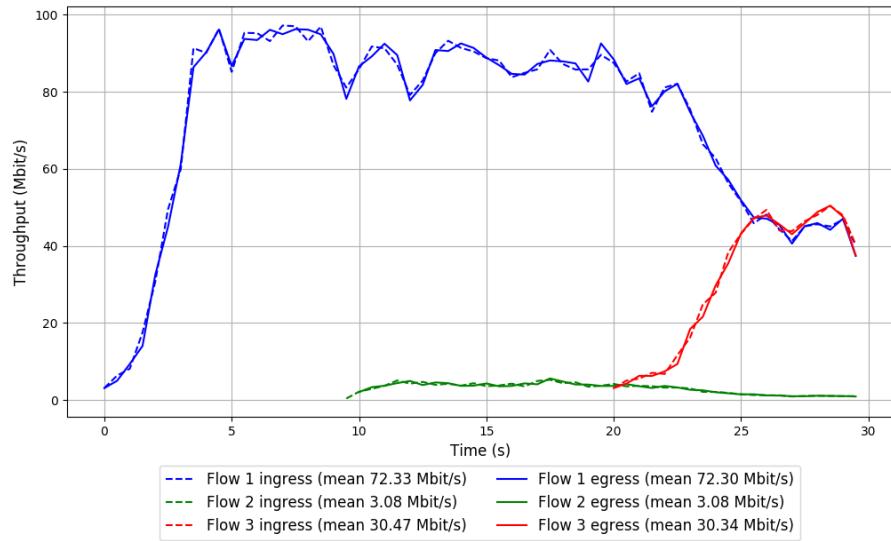


Run 8: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 04:26:56 +0000
End at: Tue, 01 Aug 2017 04:27:26 +0000
Local clock offset: 0.045 ms
Remote clock offset: -2.956 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.37 Mbit/s
95th percentile per-packet one-way delay: 53.145 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 72.30 Mbit/s
95th percentile per-packet one-way delay: 53.153 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 53.735 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 30.34 Mbit/s
95th percentile per-packet one-way delay: 52.971 ms
Loss rate: 1.25%
```

Run 8: Report of CalibratedKoho — Data Link

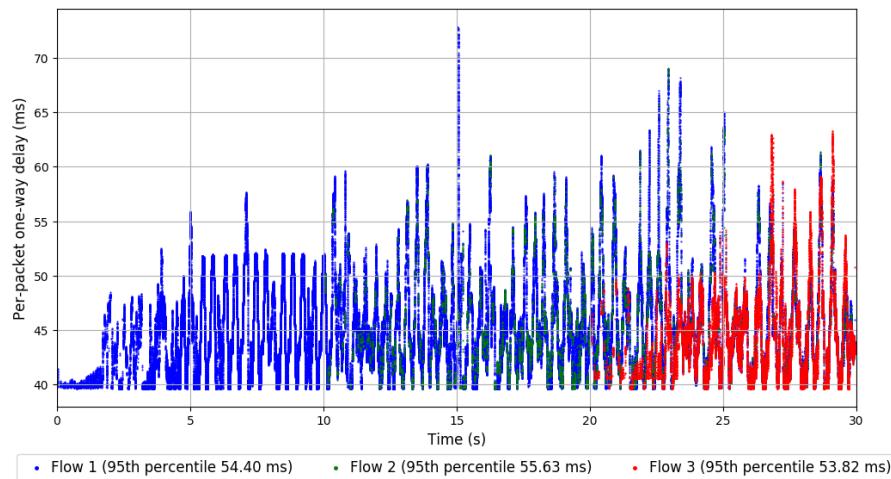
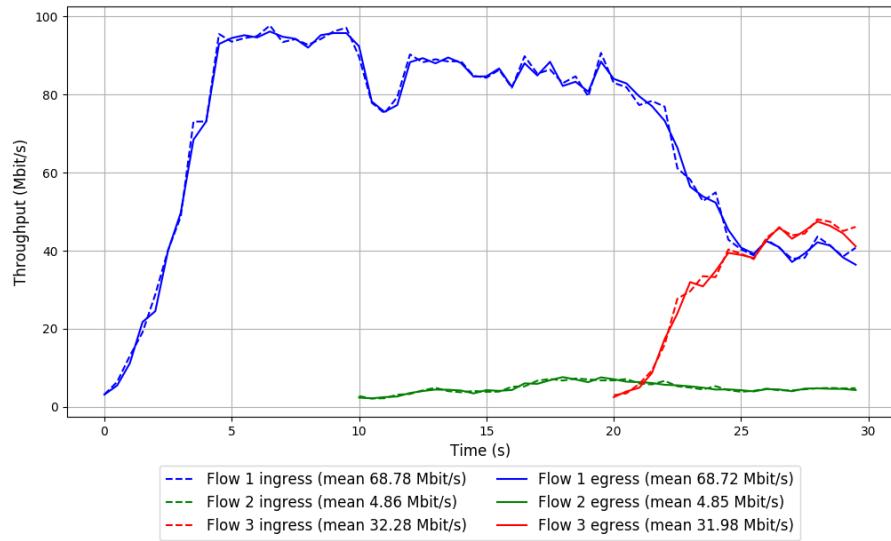


Run 9: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 04:48:28 +0000
End at: Tue, 01 Aug 2017 04:48:58 +0000
Local clock offset: 0.198 ms
Remote clock offset: -2.89 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.49 Mbit/s
95th percentile per-packet one-way delay: 54.454 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 68.72 Mbit/s
95th percentile per-packet one-way delay: 54.404 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 55.626 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 53.824 ms
Loss rate: 1.76%
```

Run 9: Report of CalibratedKoho — Data Link

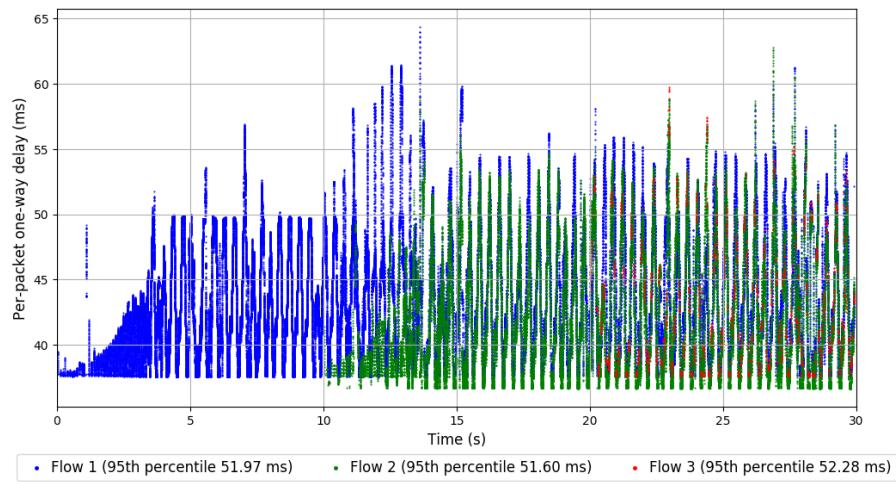
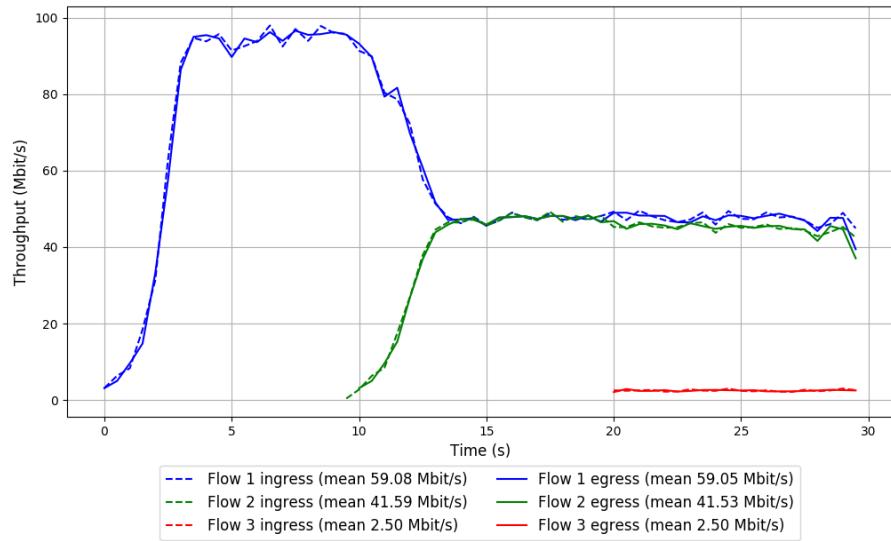


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 05:09:46 +0000
End at: Tue, 01 Aug 2017 05:10:16 +0000
Local clock offset: 0.16 ms
Remote clock offset: -0.966 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:54:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 51.826 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 59.05 Mbit/s
95th percentile per-packet one-way delay: 51.966 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 41.53 Mbit/s
95th percentile per-packet one-way delay: 51.597 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 52.279 ms
Loss rate: 1.16%
```

Run 10: Report of CalibratedKoho — Data Link

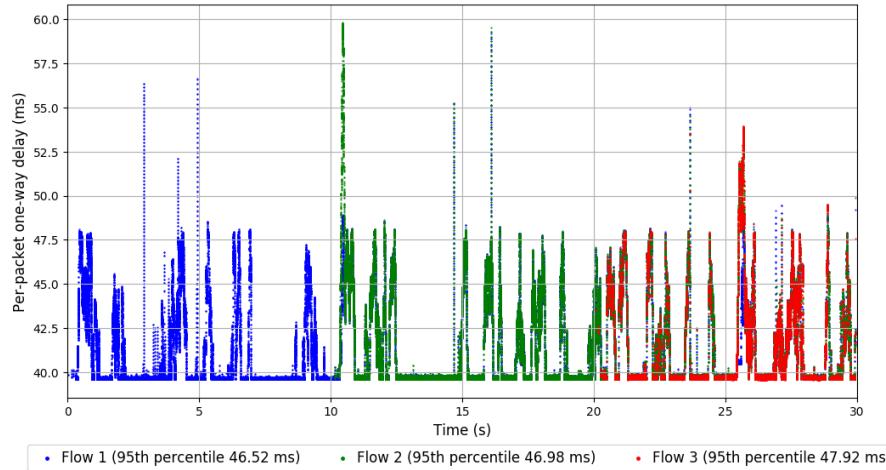
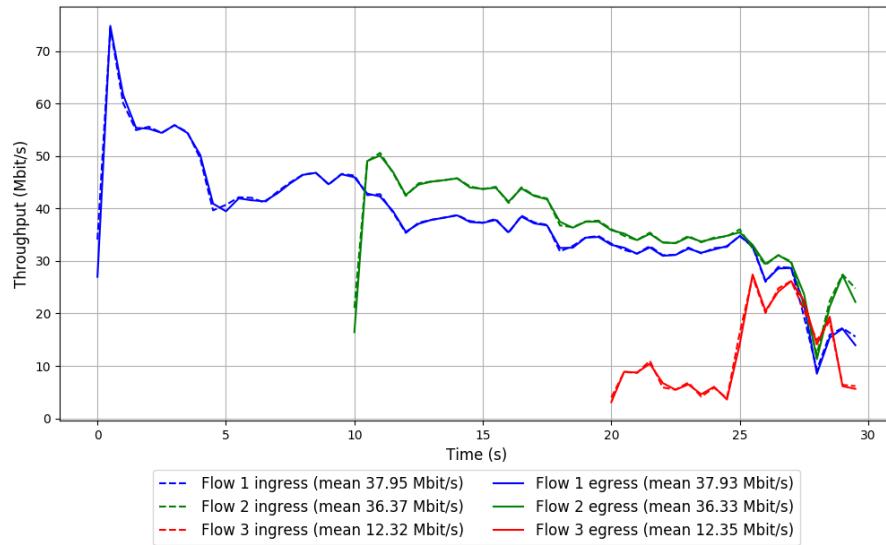


Run 1: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 01:54:27 +0000
End at: Tue, 01 Aug 2017 01:54:57 +0000
Local clock offset: 0.575 ms
Remote clock offset: -1.711 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:55:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.18 Mbit/s
95th percentile per-packet one-way delay: 46.781 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 37.93 Mbit/s
95th percentile per-packet one-way delay: 46.525 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 46.985 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 12.35 Mbit/s
95th percentile per-packet one-way delay: 47.924 ms
Loss rate: 0.56%
```

Run 1: Report of Copa — Data Link

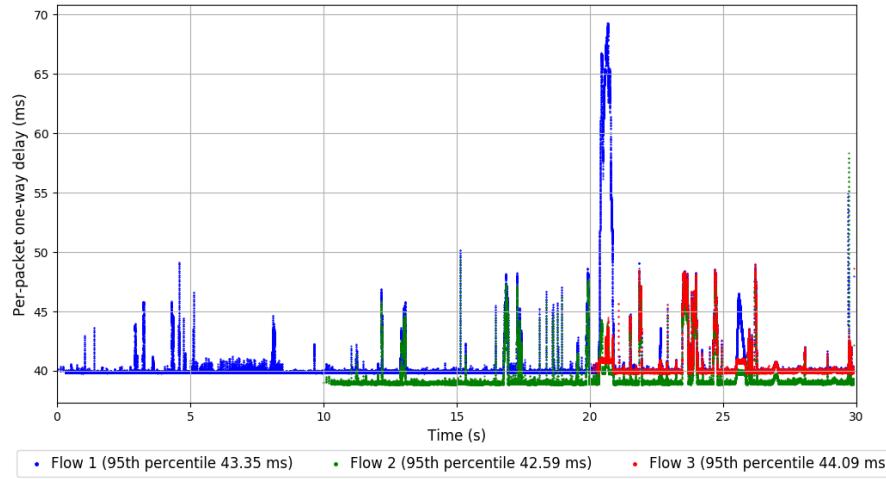
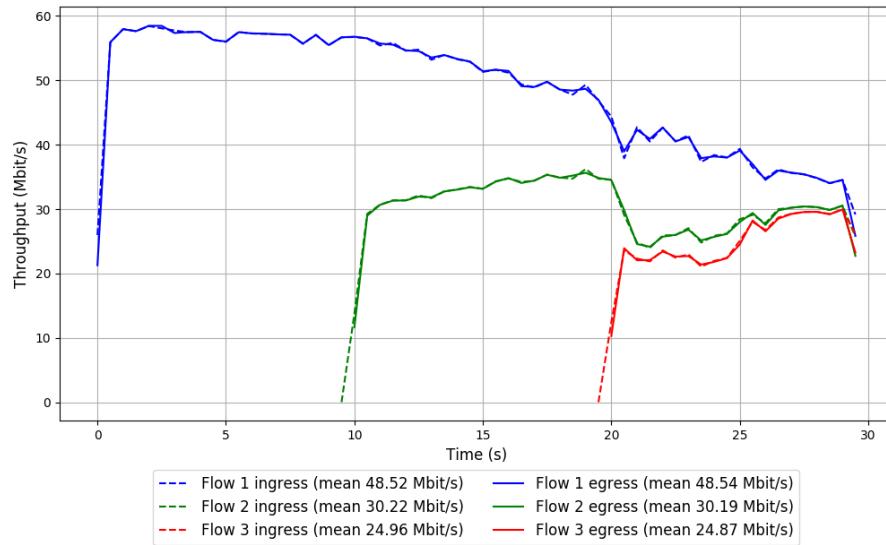


Run 2: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 02:15:55 +0000
End at: Tue, 01 Aug 2017 02:16:25 +0000
Local clock offset: 0.52 ms
Remote clock offset: -1.942 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:55:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.87 Mbit/s
95th percentile per-packet one-way delay: 43.231 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 43.352 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 42.590 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 44.090 ms
Loss rate: 1.16%
```

Run 2: Report of Copa — Data Link

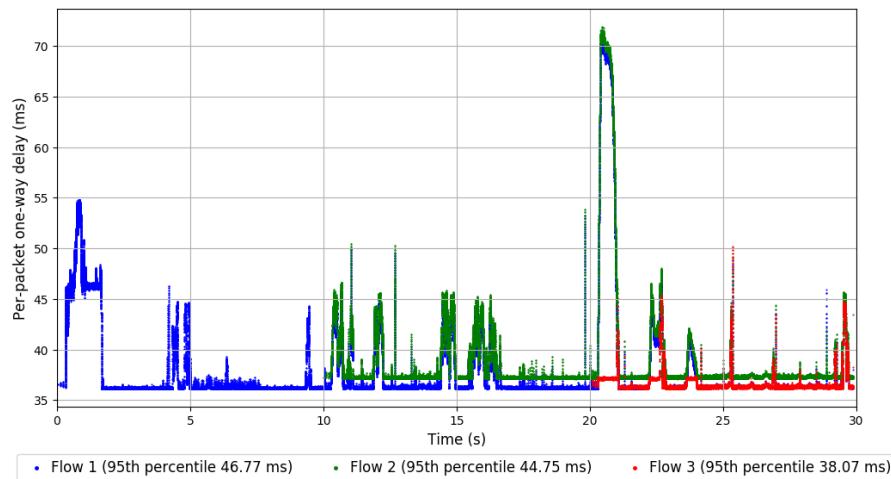
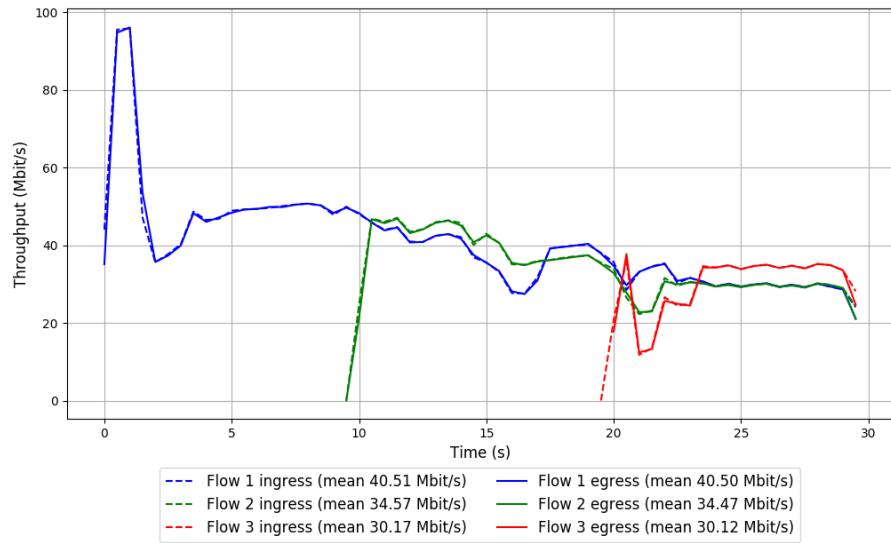


Run 3: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 02:36:55 +0000
End at: Tue, 01 Aug 2017 02:37:25 +0000
Local clock offset: 0.29 ms
Remote clock offset: 0.512 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:55:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.43 Mbit/s
95th percentile per-packet one-way delay: 46.398 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 46.772 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 34.47 Mbit/s
95th percentile per-packet one-way delay: 44.746 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 30.12 Mbit/s
95th percentile per-packet one-way delay: 38.067 ms
Loss rate: 1.01%
```

Run 3: Report of Copa — Data Link

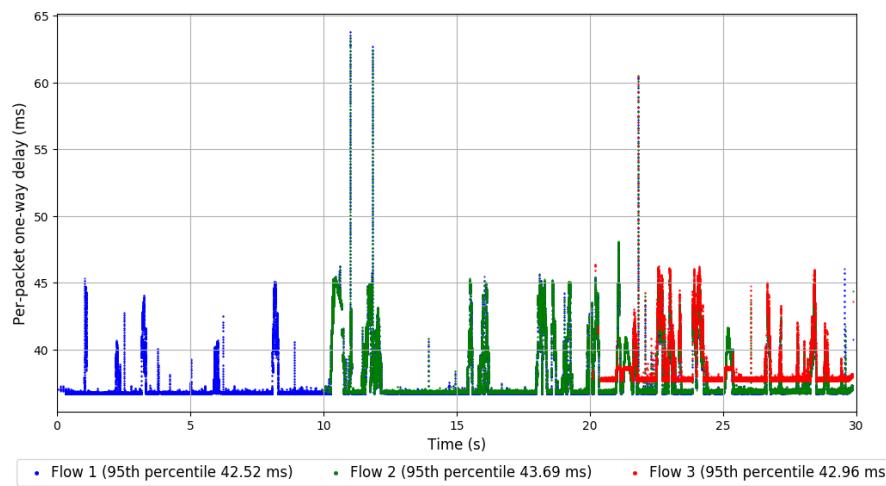
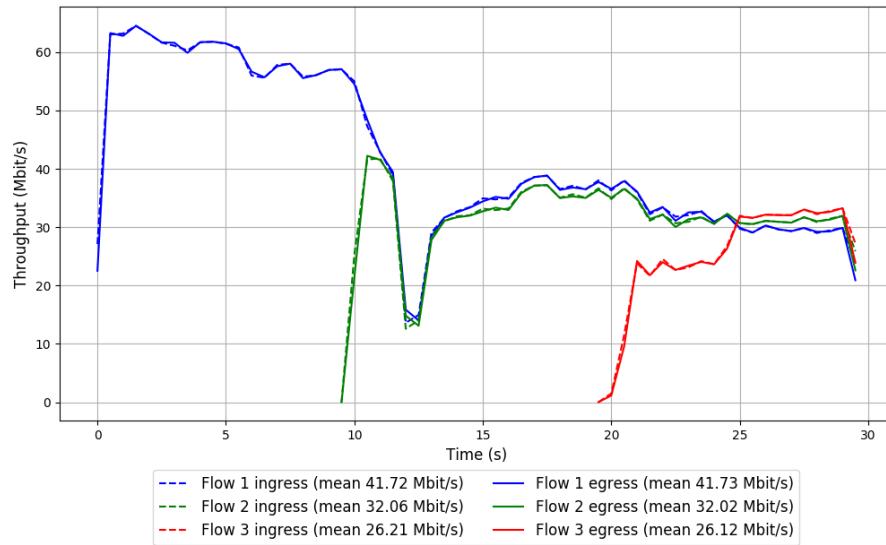


Run 4: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 02:58:06 +0000
End at: Tue, 01 Aug 2017 02:58:36 +0000
Local clock offset: 0.223 ms
Remote clock offset: 0.091 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:55:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.72 Mbit/s
95th percentile per-packet one-way delay: 43.053 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 41.73 Mbit/s
95th percentile per-packet one-way delay: 42.515 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 43.687 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 26.12 Mbit/s
95th percentile per-packet one-way delay: 42.962 ms
Loss rate: 1.17%
```

Run 4: Report of Copa — Data Link

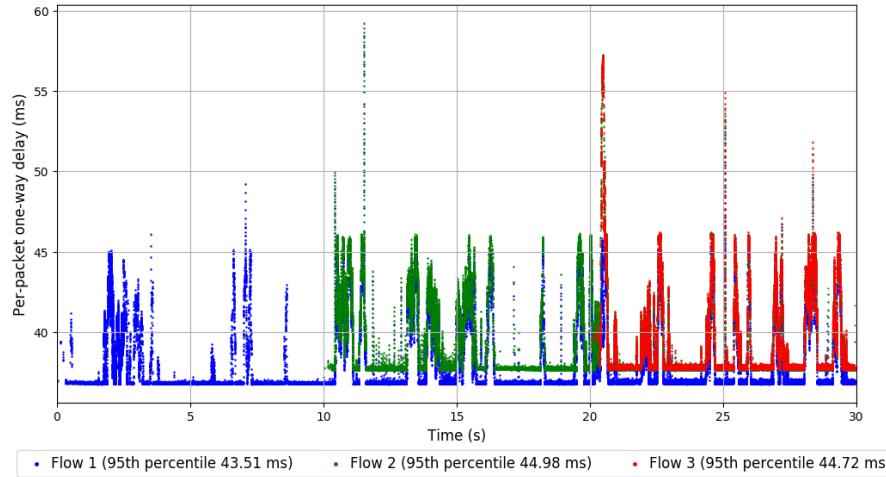
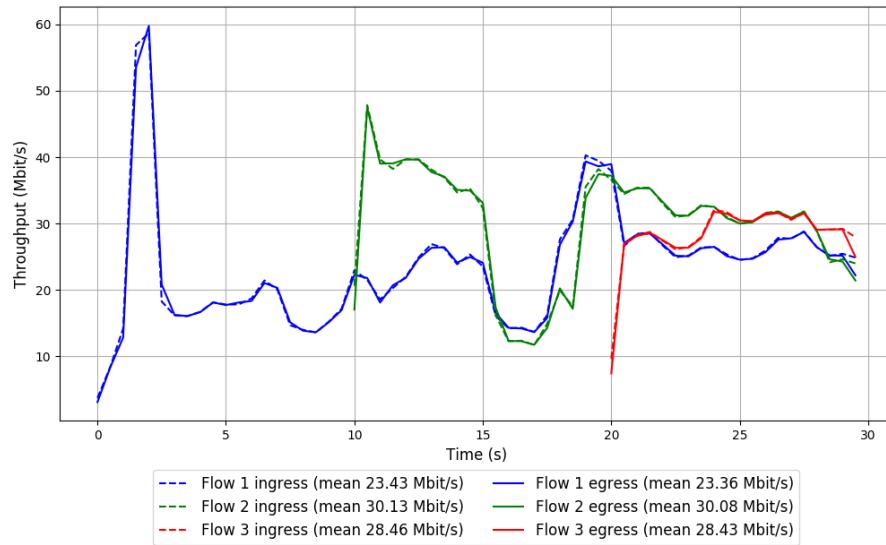


Run 5: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 03:19:13 +0000
End at: Tue, 01 Aug 2017 03:19:43 +0000
Local clock offset: 0.083 ms
Remote clock offset: 0.016 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:55:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.75 Mbit/s
95th percentile per-packet one-way delay: 44.330 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 43.511 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 30.08 Mbit/s
95th percentile per-packet one-way delay: 44.976 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 28.43 Mbit/s
95th percentile per-packet one-way delay: 44.717 ms
Loss rate: 1.05%
```

Run 5: Report of Copa — Data Link

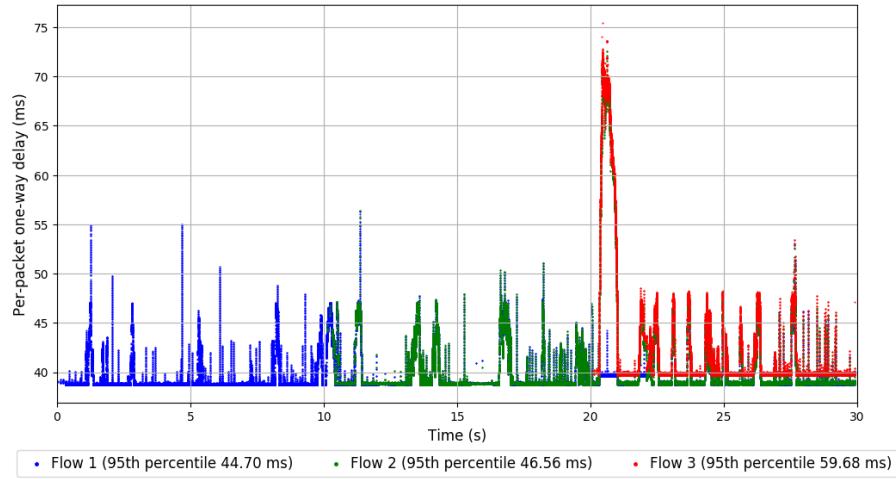
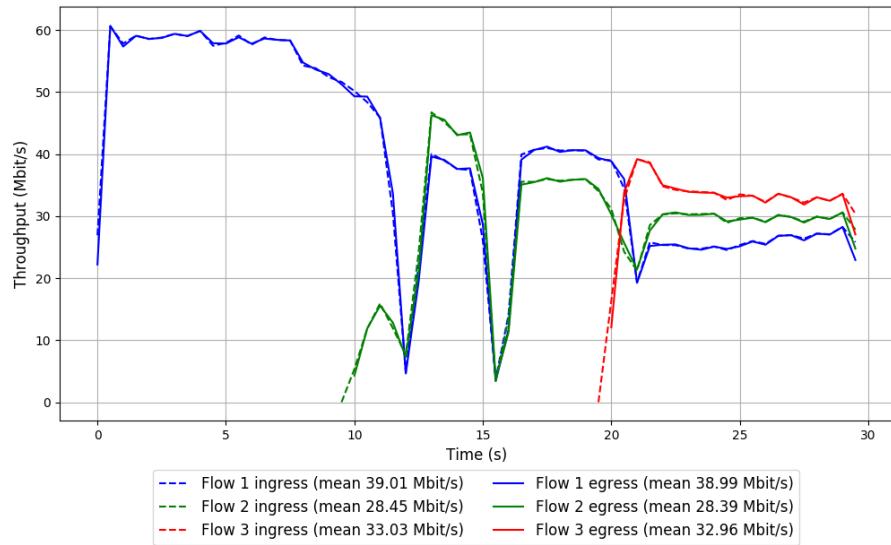


Run 6: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 03:40:20 +0000
End at: Tue, 01 Aug 2017 03:40:50 +0000
Local clock offset: -0.134 ms
Remote clock offset: -2.321 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:55:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 46.180 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 44.703 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 28.39 Mbit/s
95th percentile per-packet one-way delay: 46.562 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 32.96 Mbit/s
95th percentile per-packet one-way delay: 59.676 ms
Loss rate: 1.04%
```

Run 6: Report of Copa — Data Link

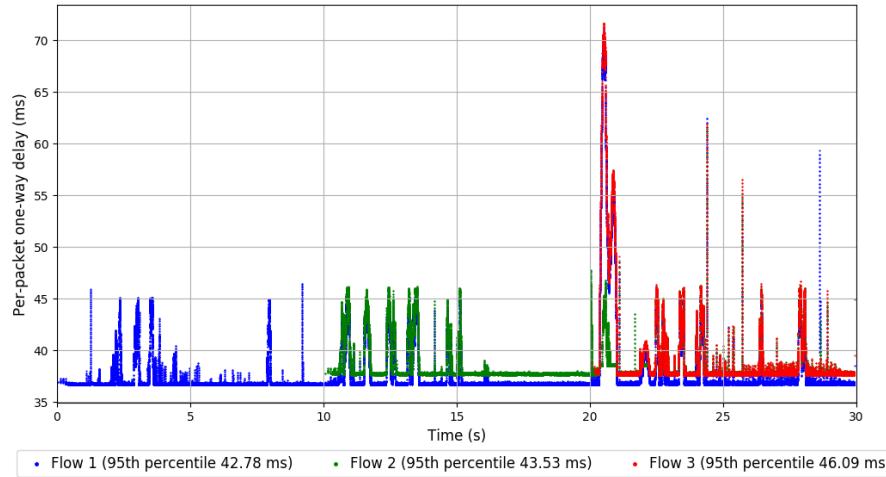
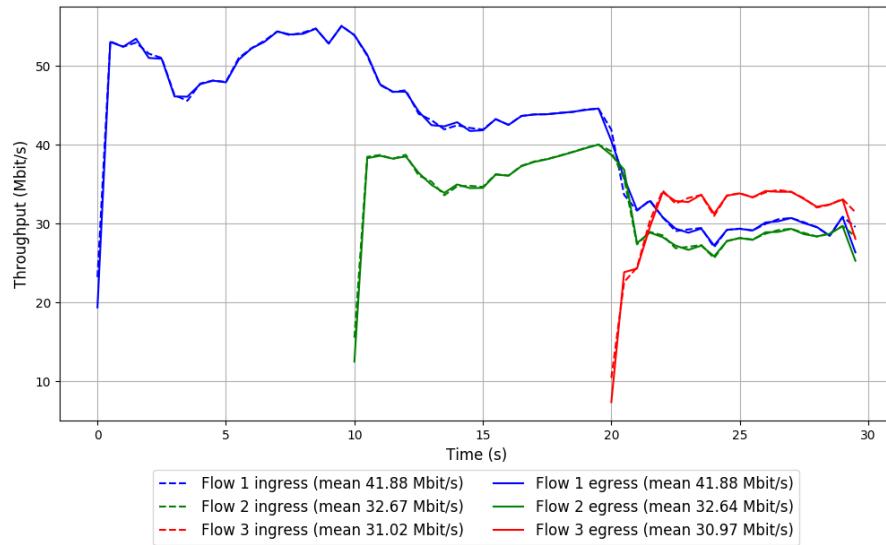


Run 7: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:01:34 +0000
End at: Tue, 01 Aug 2017 04:02:04 +0000
Local clock offset: -0.039 ms
Remote clock offset: -0.619 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:55:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.80 Mbit/s
95th percentile per-packet one-way delay: 43.457 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 41.88 Mbit/s
95th percentile per-packet one-way delay: 42.784 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 32.64 Mbit/s
95th percentile per-packet one-way delay: 43.531 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 46.085 ms
Loss rate: 1.02%
```

Run 7: Report of Copa — Data Link

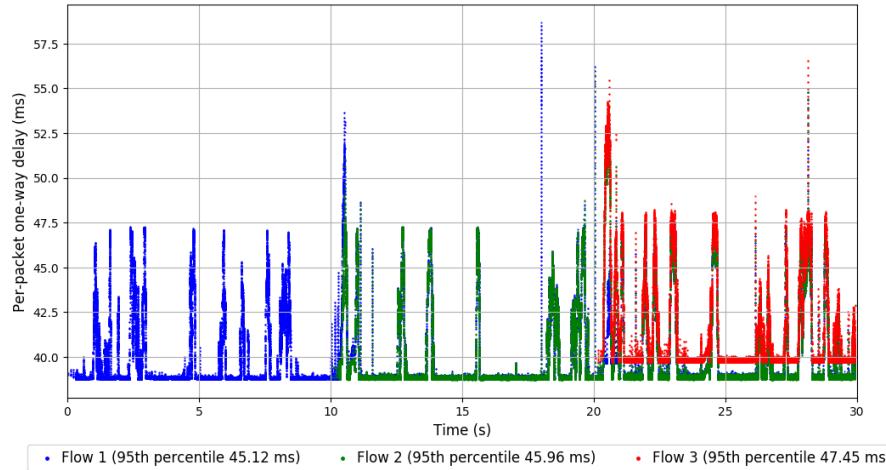
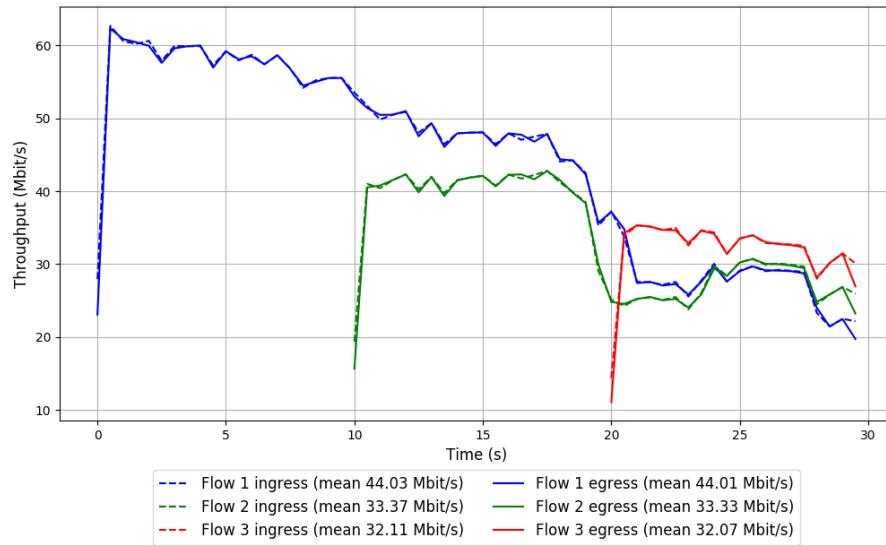


Run 8: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:22:40 +0000
End at: Tue, 01 Aug 2017 04:23:10 +0000
Local clock offset: 0.158 ms
Remote clock offset: -2.806 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.77 Mbit/s
95th percentile per-packet one-way delay: 45.964 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 44.01 Mbit/s
95th percentile per-packet one-way delay: 45.119 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 33.33 Mbit/s
95th percentile per-packet one-way delay: 45.963 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 32.07 Mbit/s
95th percentile per-packet one-way delay: 47.450 ms
Loss rate: 1.00%
```

Run 8: Report of Copa — Data Link

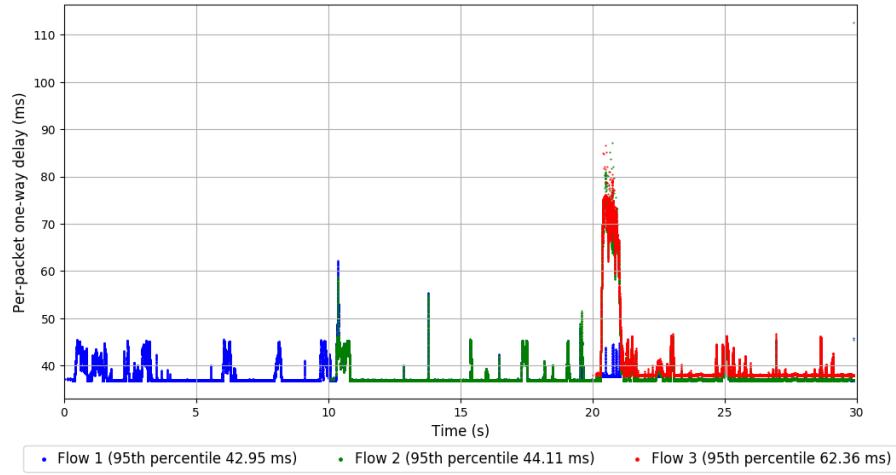
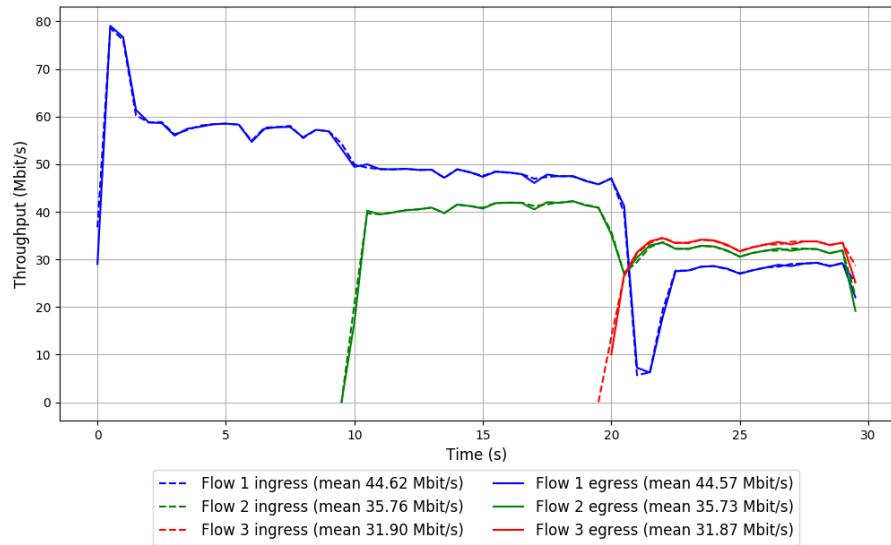


Run 9: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:44:07 +0000
End at: Tue, 01 Aug 2017 04:44:37 +0000
Local clock offset: 0.204 ms
Remote clock offset: -0.962 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.90 Mbit/s
95th percentile per-packet one-way delay: 43.596 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 44.57 Mbit/s
95th percentile per-packet one-way delay: 42.954 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 44.114 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 62.358 ms
Loss rate: 0.99%
```

Run 9: Report of Copa — Data Link

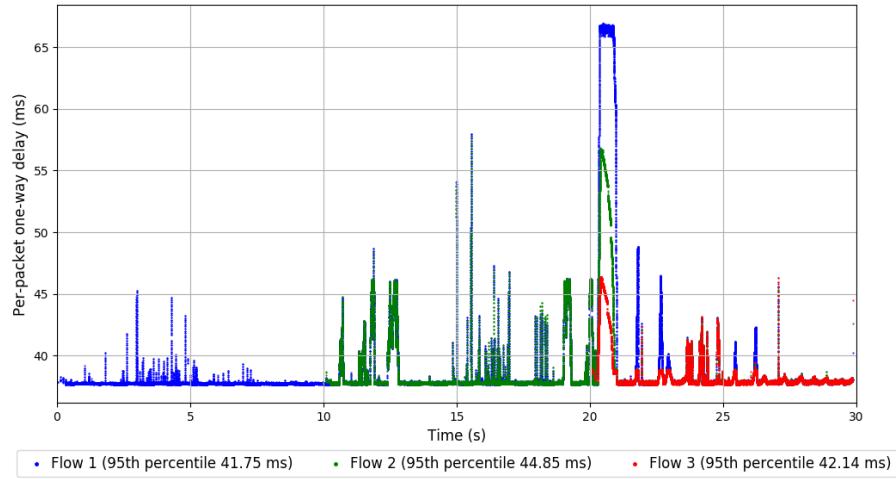
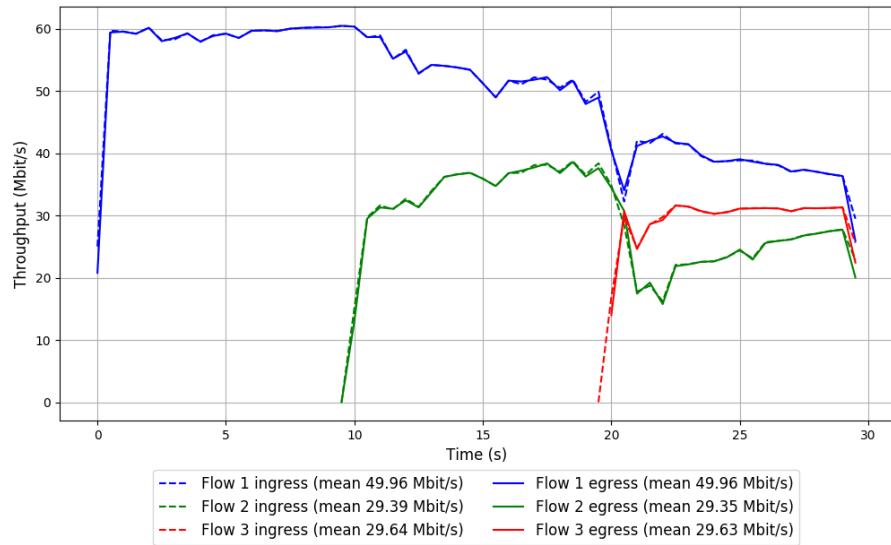


Run 10: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 05:05:28 +0000
End at: Tue, 01 Aug 2017 05:05:58 +0000
Local clock offset: 0.251 ms
Remote clock offset: -0.965 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.32 Mbit/s
95th percentile per-packet one-way delay: 42.656 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 41.746 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 44.854 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 29.63 Mbit/s
95th percentile per-packet one-way delay: 42.136 ms
Loss rate: 0.94%
```

Run 10: Report of Copa — Data Link

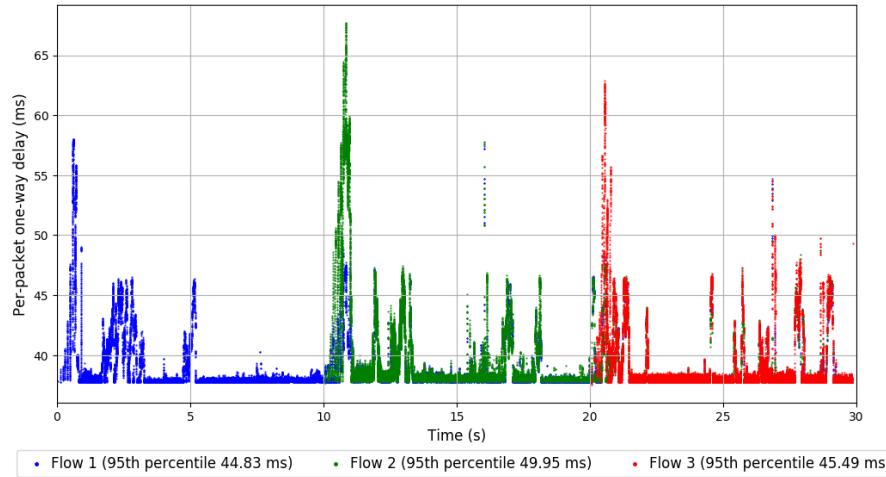
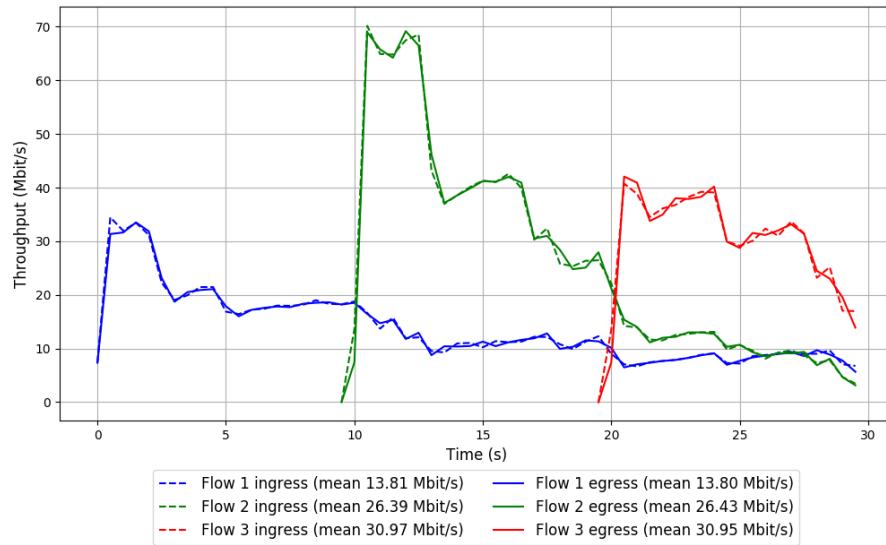


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Tue, 01 Aug 2017 01:53:02 +0000
End at: Tue, 01 Aug 2017 01:53:32 +0000
Local clock offset: 0.701 ms
Remote clock offset: 0.284 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.66 Mbit/s
95th percentile per-packet one-way delay: 45.929 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 13.80 Mbit/s
95th percentile per-packet one-way delay: 44.825 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 26.43 Mbit/s
95th percentile per-packet one-way delay: 49.950 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 30.95 Mbit/s
95th percentile per-packet one-way delay: 45.488 ms
Loss rate: 0.78%
```

Run 1: Report of TCP Cubic — Data Link

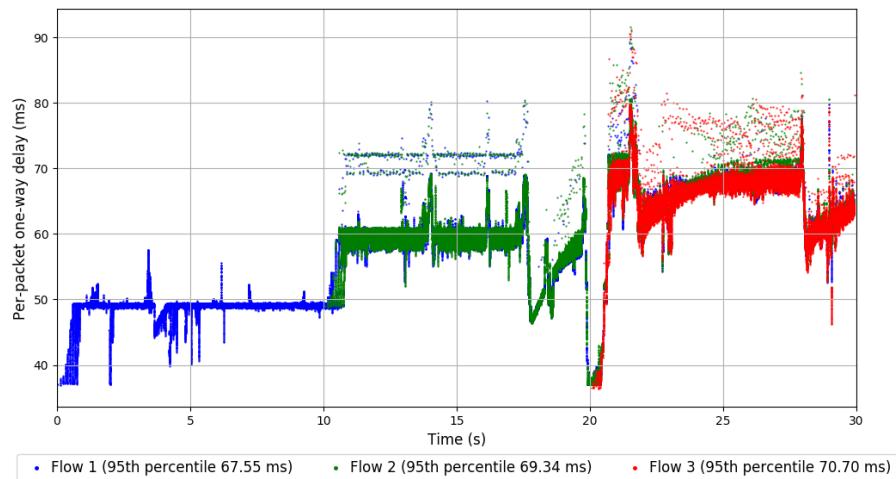
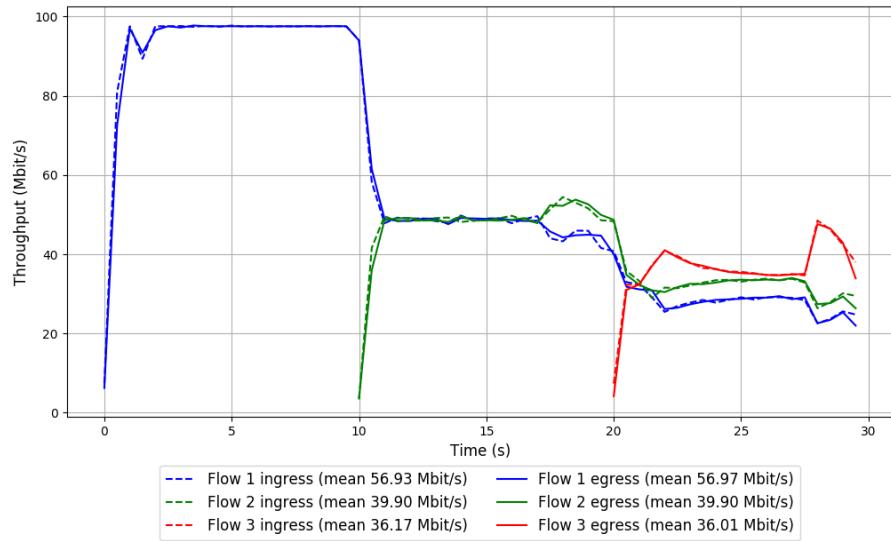


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 02:14:29 +0000
End at: Tue, 01 Aug 2017 02:14:59 +0000
Local clock offset: 0.501 ms
Remote clock offset: 0.761 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.35 Mbit/s
95th percentile per-packet one-way delay: 68.742 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 56.97 Mbit/s
95th percentile per-packet one-way delay: 67.551 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 39.90 Mbit/s
95th percentile per-packet one-way delay: 69.336 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 36.01 Mbit/s
95th percentile per-packet one-way delay: 70.696 ms
Loss rate: 1.25%
```

Run 2: Report of TCP Cubic — Data Link

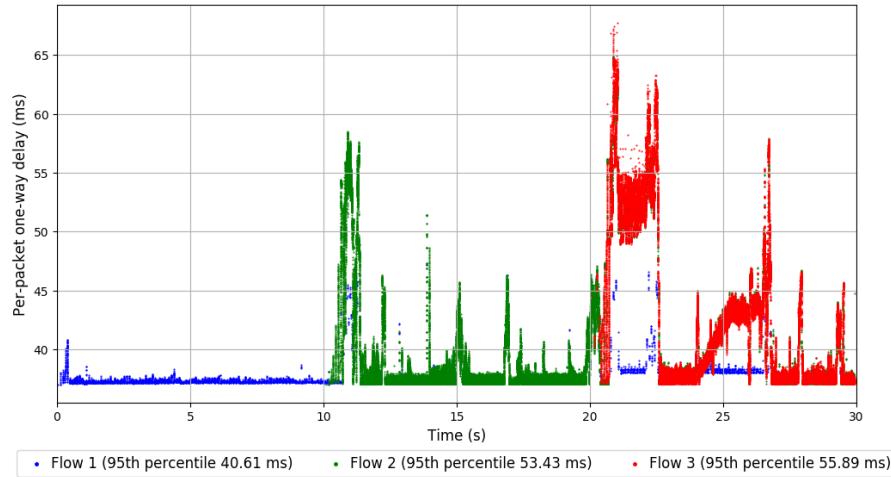
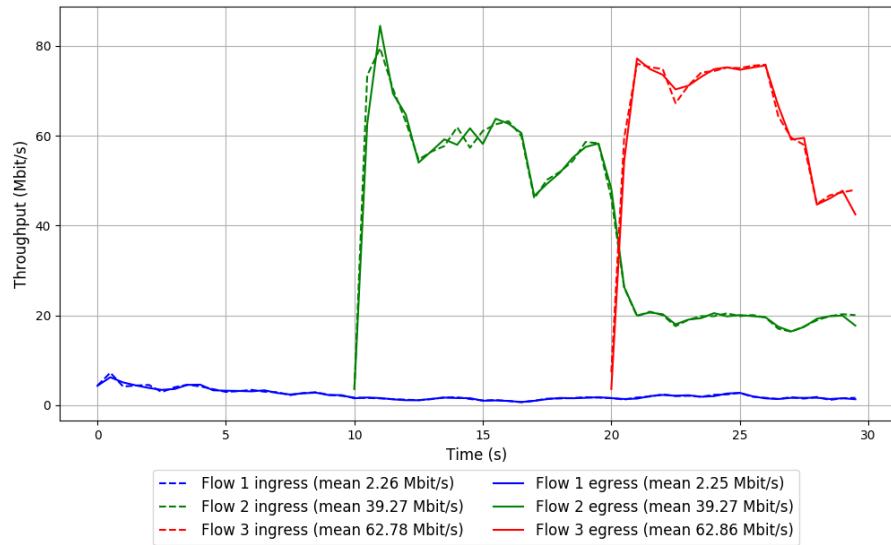


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 02:35:33 +0000
End at: Tue, 01 Aug 2017 02:36:03 +0000
Local clock offset: 0.28 ms
Remote clock offset: 0.525 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.04 Mbit/s
95th percentile per-packet one-way delay: 54.600 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 40.611 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 53.432 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 62.86 Mbit/s
95th percentile per-packet one-way delay: 55.890 ms
Loss rate: 0.83%
```

Run 3: Report of TCP Cubic — Data Link

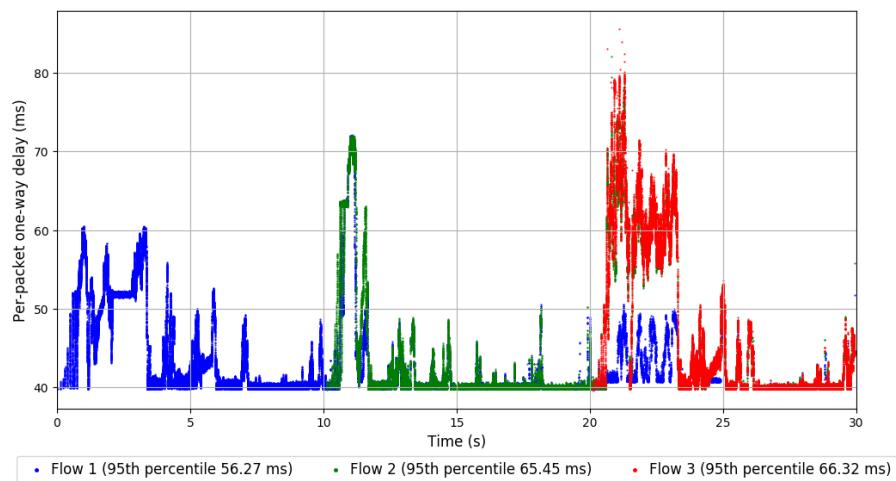
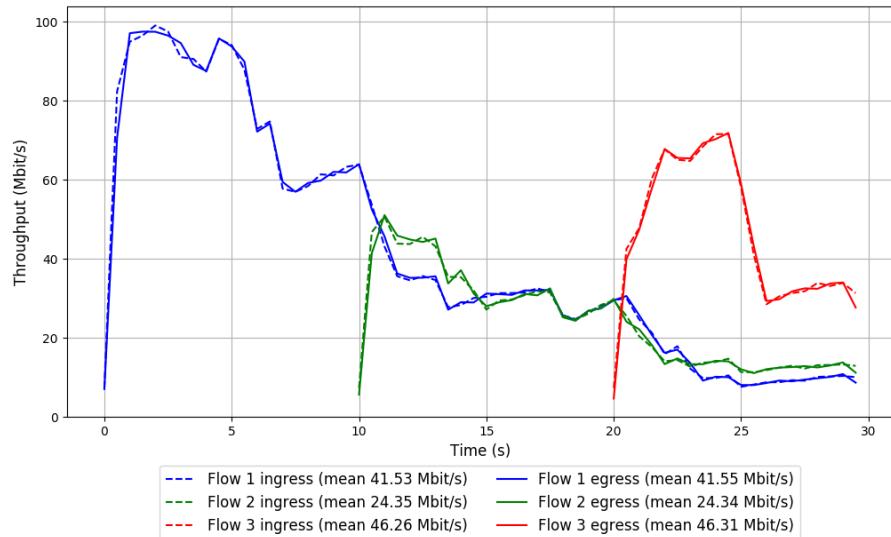


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 02:56:40 +0000
End at: Tue, 01 Aug 2017 02:57:10 +0000
Local clock offset: 0.231 ms
Remote clock offset: -2.041 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.03 Mbit/s
95th percentile per-packet one-way delay: 63.170 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 41.55 Mbit/s
95th percentile per-packet one-way delay: 56.268 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 65.449 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 46.31 Mbit/s
95th percentile per-packet one-way delay: 66.323 ms
Loss rate: 0.79%
```

Run 4: Report of TCP Cubic — Data Link

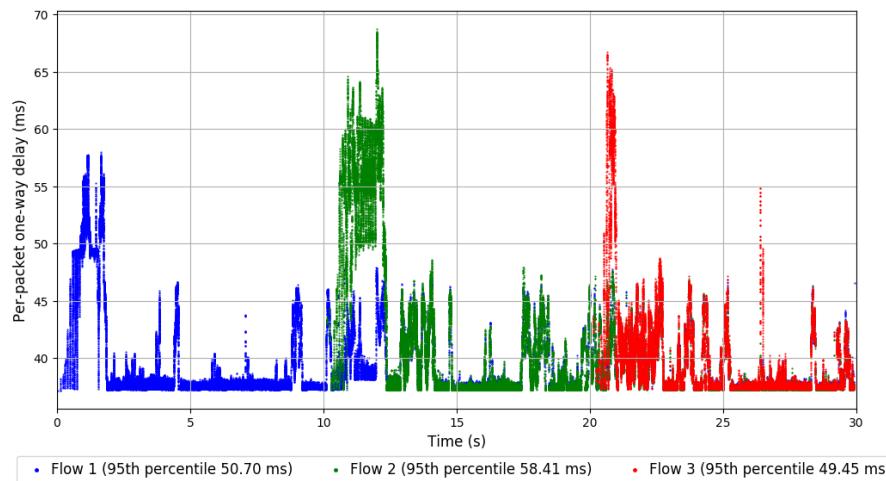
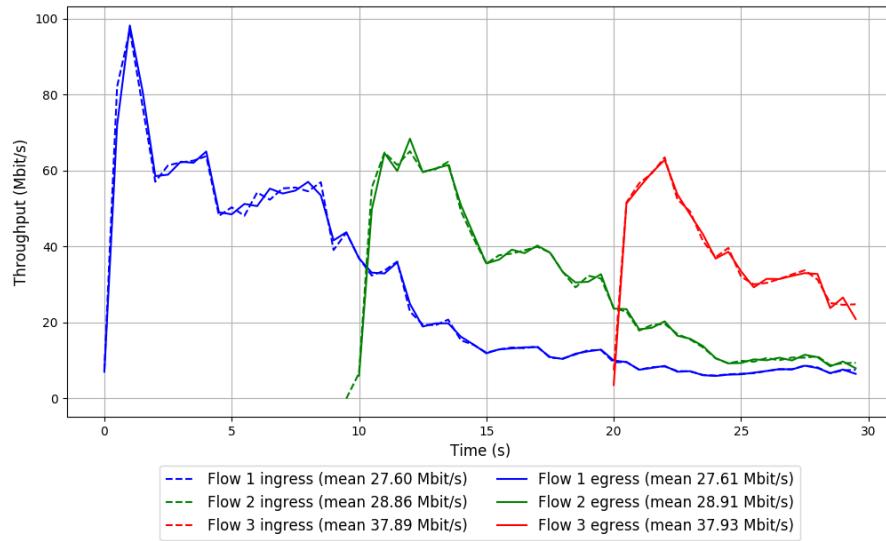


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 03:17:49 +0000
End at: Tue, 01 Aug 2017 03:18:19 +0000
Local clock offset: 0.091 ms
Remote clock offset: 0.454 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 54.918 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 27.61 Mbit/s
95th percentile per-packet one-way delay: 50.701 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 28.91 Mbit/s
95th percentile per-packet one-way delay: 58.415 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 37.93 Mbit/s
95th percentile per-packet one-way delay: 49.450 ms
Loss rate: 0.80%
```

Run 5: Report of TCP Cubic — Data Link

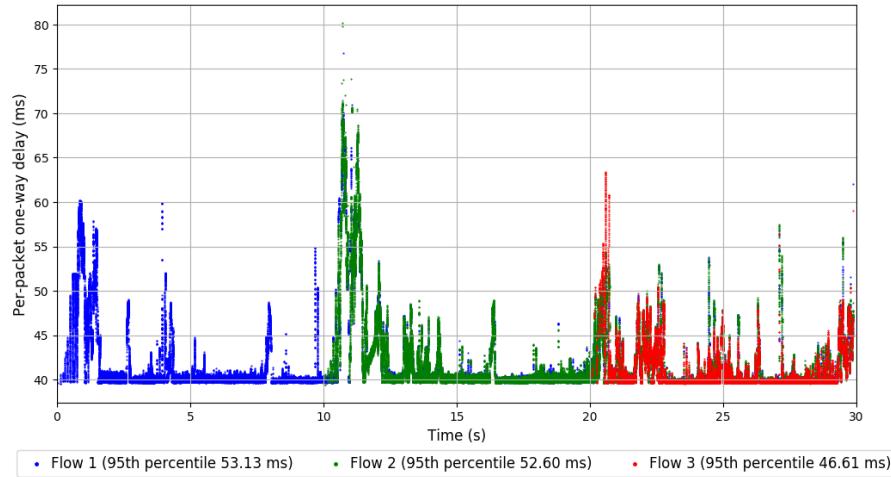
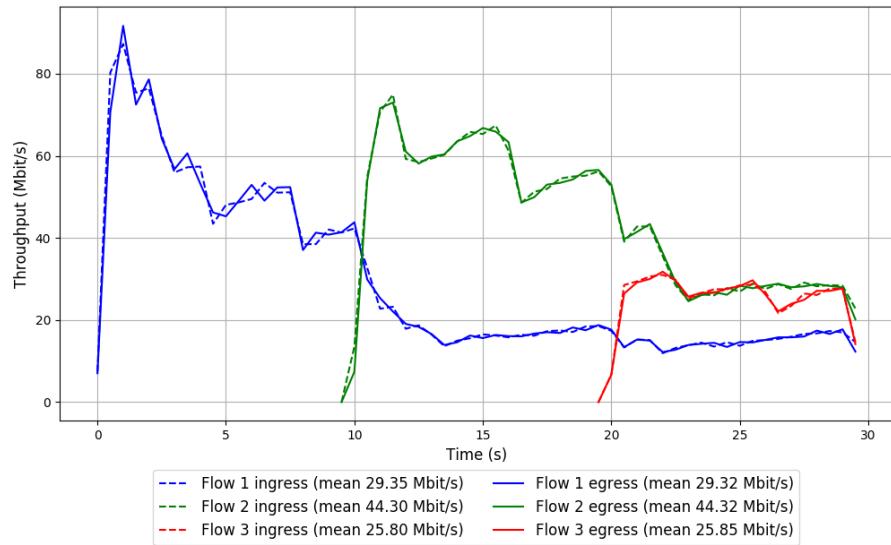


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 03:38:56 +0000
End at: Tue, 01 Aug 2017 03:39:26 +0000
Local clock offset: -0.146 ms
Remote clock offset: -2.265 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.42 Mbit/s
95th percentile per-packet one-way delay: 52.061 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 29.32 Mbit/s
95th percentile per-packet one-way delay: 53.132 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 44.32 Mbit/s
95th percentile per-packet one-way delay: 52.604 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 25.85 Mbit/s
95th percentile per-packet one-way delay: 46.614 ms
Loss rate: 0.52%
```

Run 6: Report of TCP Cubic — Data Link

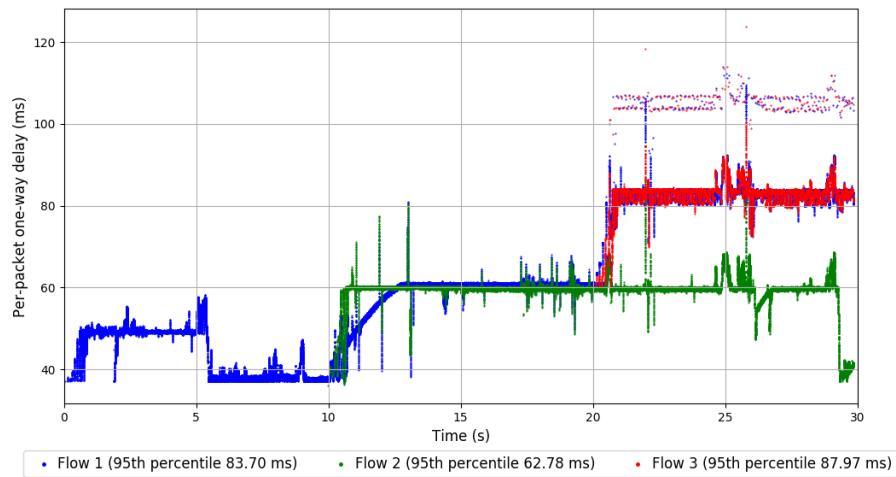
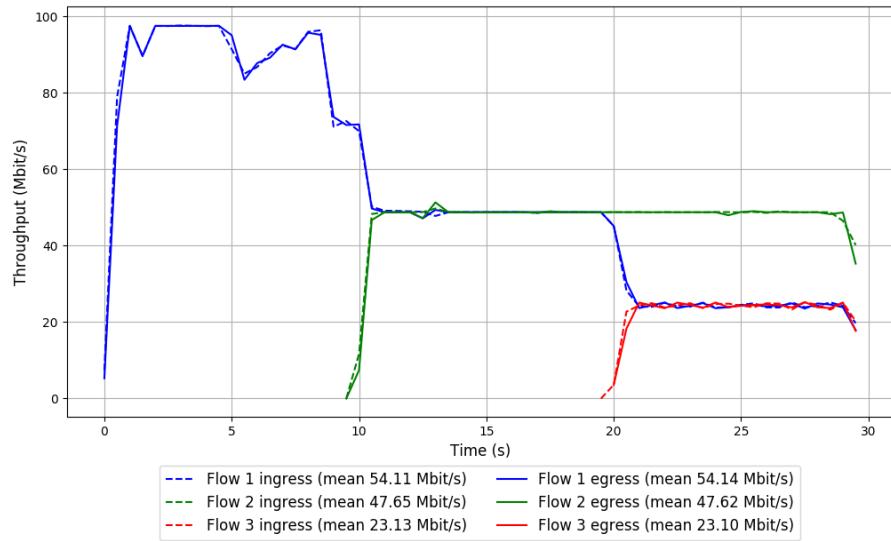


Run 7: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 04:00:00 +0000
End at: Tue, 01 Aug 2017 04:00:31 +0000
Local clock offset: 0.013 ms
Remote clock offset: -0.098 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:56:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 83.784 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 54.14 Mbit/s
95th percentile per-packet one-way delay: 83.699 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 47.62 Mbit/s
95th percentile per-packet one-way delay: 62.785 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 23.10 Mbit/s
95th percentile per-packet one-way delay: 87.966 ms
Loss rate: 1.49%
```

Run 7: Report of TCP Cubic — Data Link

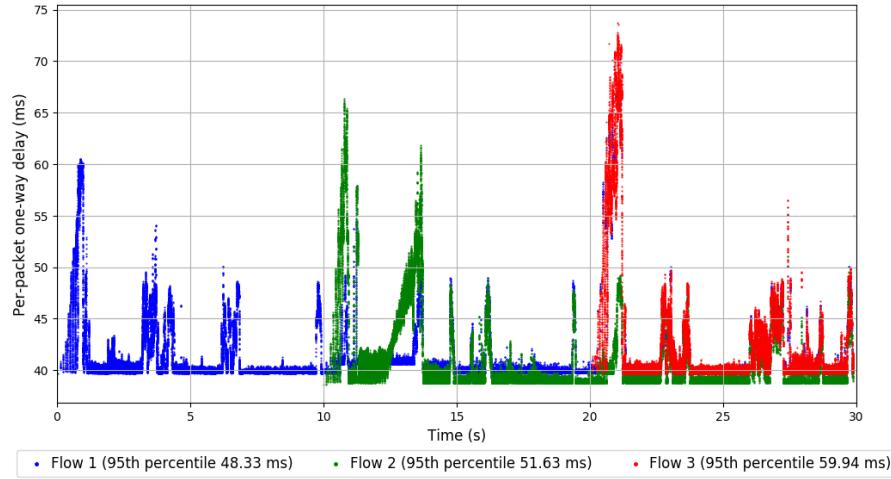
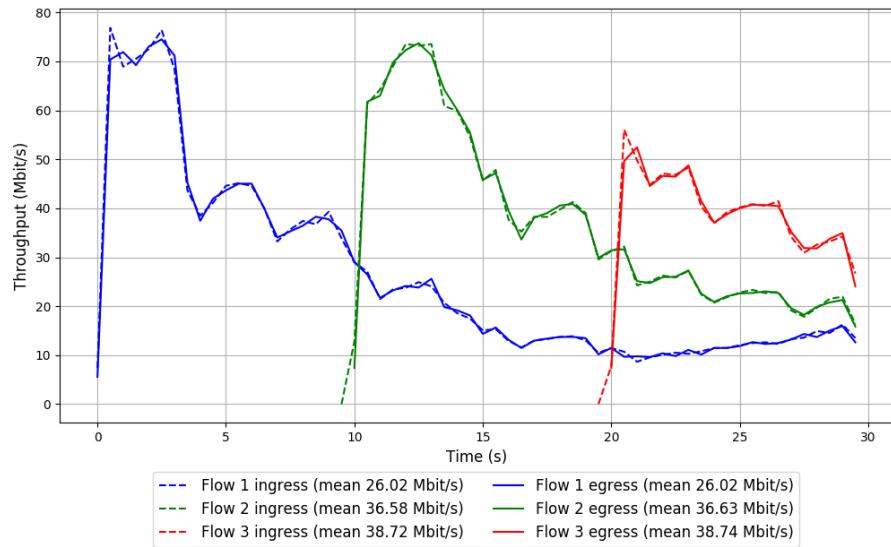


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 04:21:17 +0000
End at: Tue, 01 Aug 2017 04:21:47 +0000
Local clock offset: 0.06 ms
Remote clock offset: -2.89 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.23 Mbit/s
95th percentile per-packet one-way delay: 52.146 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 26.02 Mbit/s
95th percentile per-packet one-way delay: 48.332 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 51.629 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 59.940 ms
Loss rate: 0.70%
```

Run 8: Report of TCP Cubic — Data Link

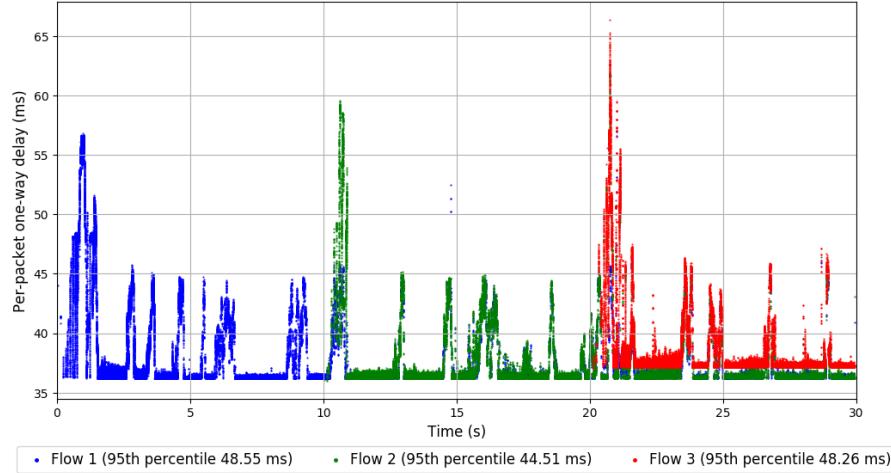
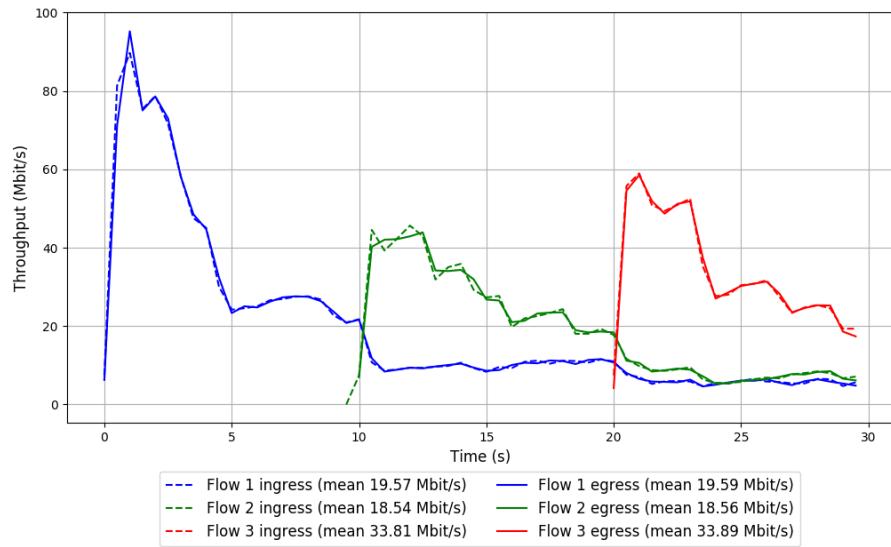


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 04:42:45 +0000
End at: Tue, 01 Aug 2017 04:43:15 +0000
Local clock offset: 0.19 ms
Remote clock offset: -0.362 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.14 Mbit/s
95th percentile per-packet one-way delay: 48.192 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 19.59 Mbit/s
95th percentile per-packet one-way delay: 48.554 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 18.56 Mbit/s
95th percentile per-packet one-way delay: 44.514 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 48.263 ms
Loss rate: 0.67%
```

Run 9: Report of TCP Cubic — Data Link

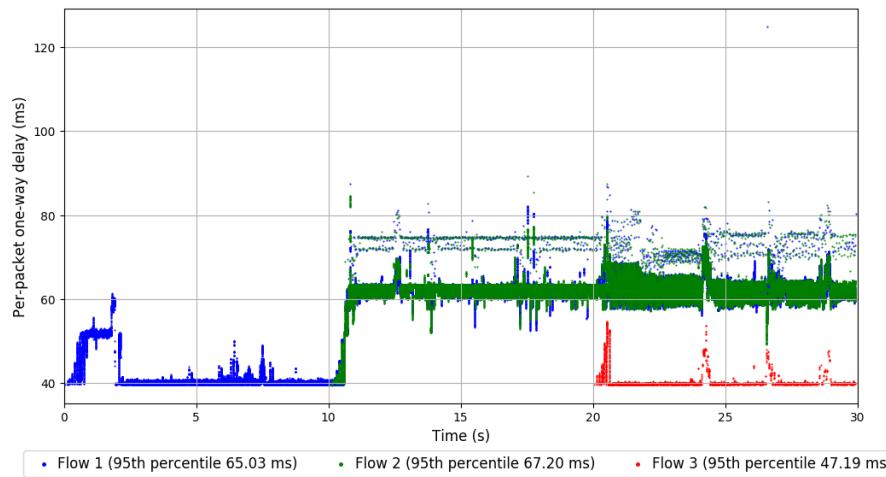
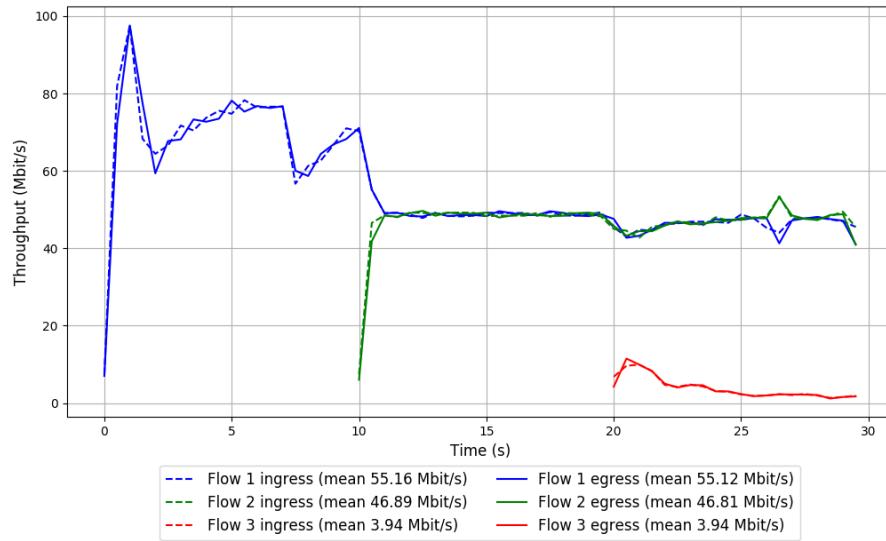


Run 10: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 05:04:01 +0000
End at: Tue, 01 Aug 2017 05:04:31 +0000
Local clock offset: 0.144 ms
Remote clock offset: -3.086 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 65.815 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 65.031 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 46.81 Mbit/s
95th percentile per-packet one-way delay: 67.203 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 47.185 ms
Loss rate: 0.86%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Tue, 01 Aug 2017 01:46:01 +0000
```

```
End at: Tue, 01 Aug 2017 01:46:31 +0000
```

```
Local clock offset: 0.793 ms
```

```
Remote clock offset: -1.498 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 26.41 Mbit/s
```

```
95th percentile per-packet one-way delay: 44.955 ms
```

```
Loss rate: 0.60%
```

```
-- Flow 1:
```

```
Average throughput: 13.37 Mbit/s
```

```
95th percentile per-packet one-way delay: 44.512 ms
```

```
Loss rate: 0.48%
```

```
-- Flow 2:
```

```
Average throughput: 13.21 Mbit/s
```

```
95th percentile per-packet one-way delay: 45.609 ms
```

```
Loss rate: 0.61%
```

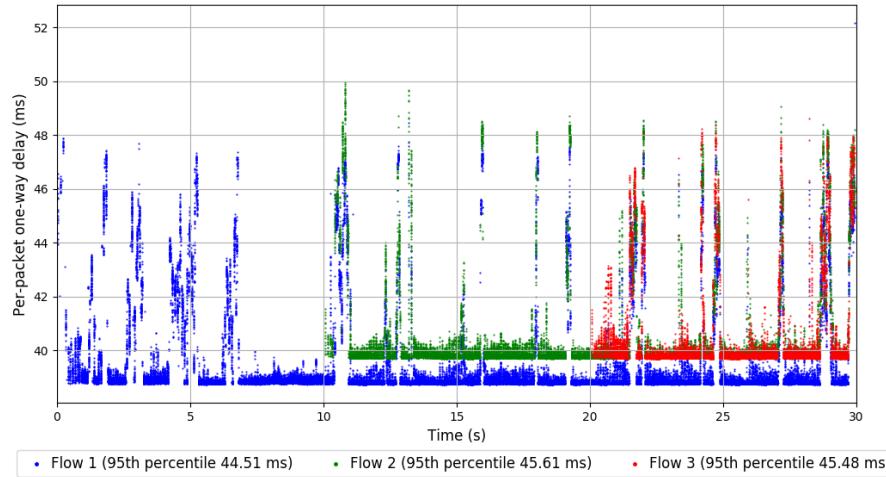
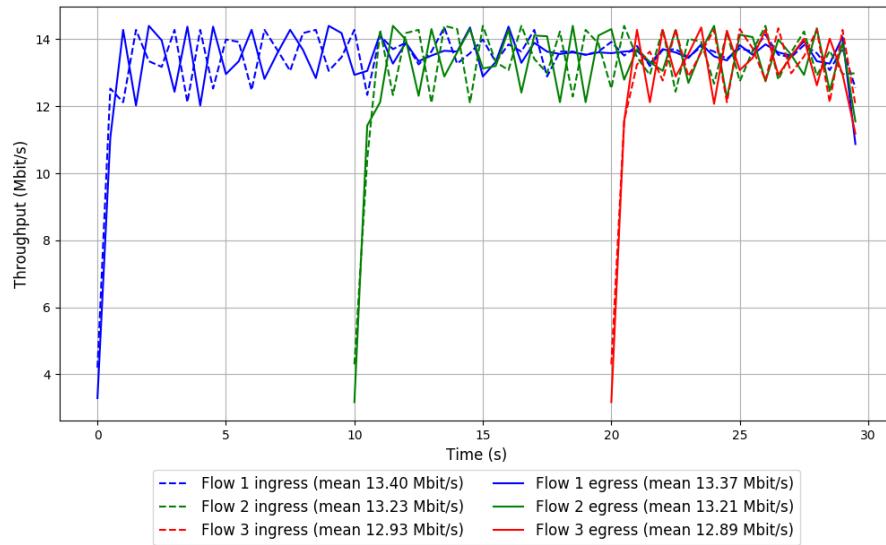
```
-- Flow 3:
```

```
Average throughput: 12.89 Mbit/s
```

```
95th percentile per-packet one-way delay: 45.482 ms
```

```
Loss rate: 0.97%
```

Run 1: Report of KohoCC — Data Link

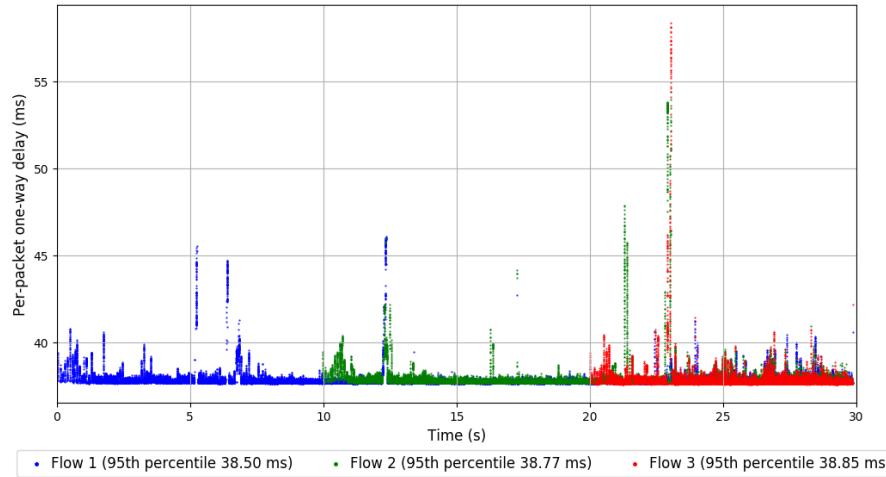
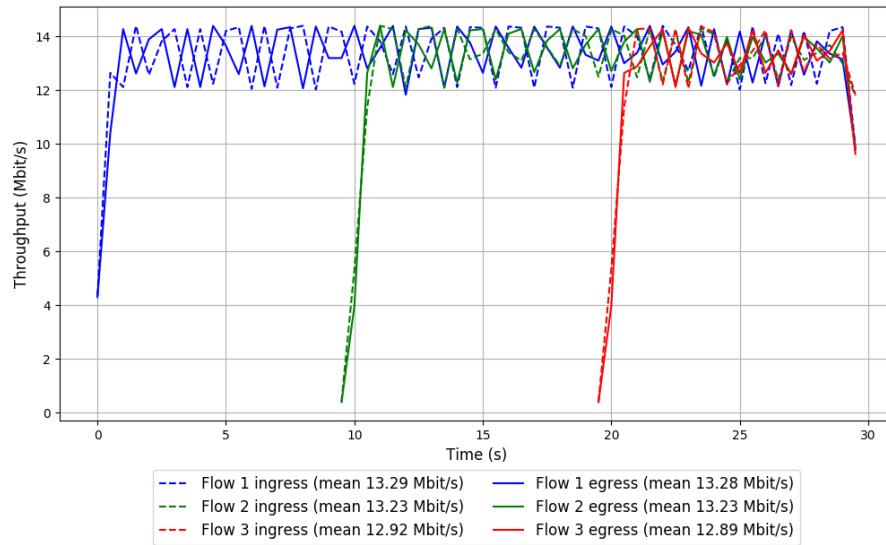


Run 2: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 02:07:33 +0000
End at: Tue, 01 Aug 2017 02:08:03 +0000
Local clock offset: 0.474 ms
Remote clock offset: 0.212 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.36 Mbit/s
95th percentile per-packet one-way delay: 38.669 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 38.503 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 38.774 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 12.89 Mbit/s
95th percentile per-packet one-way delay: 38.852 ms
Loss rate: 0.92%
```

Run 2: Report of KohoCC — Data Link

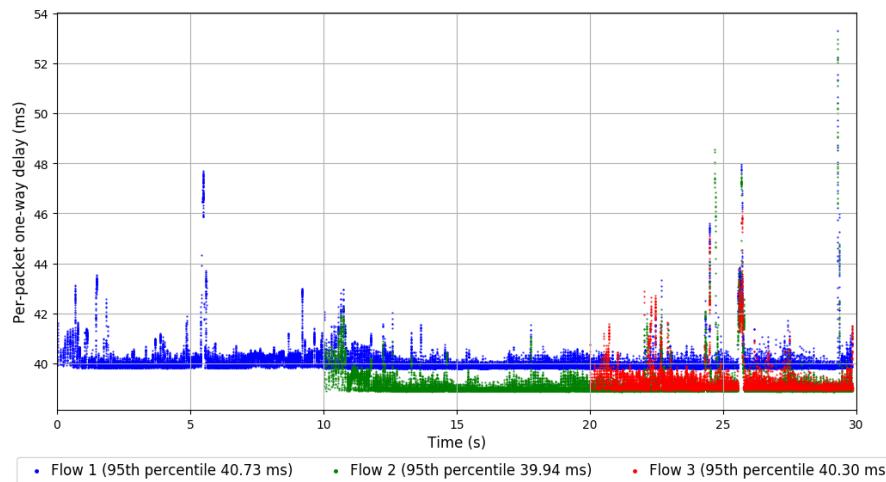
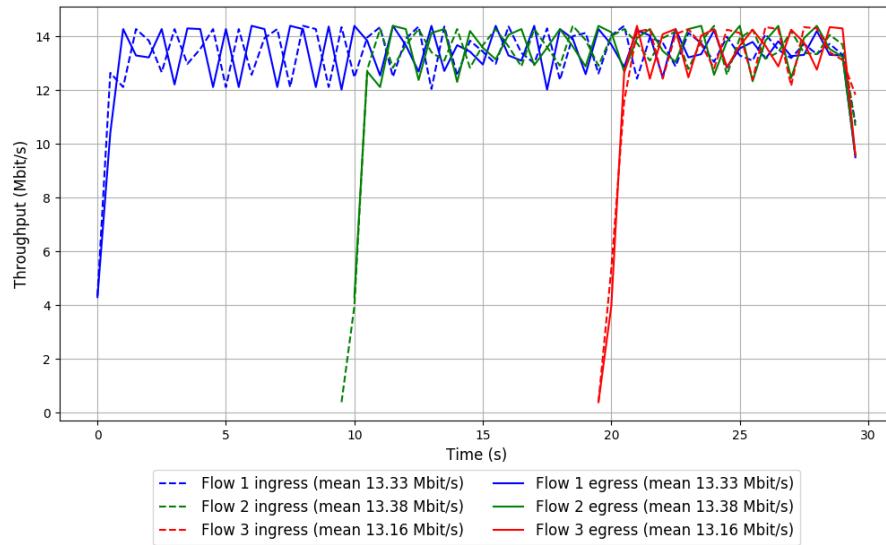


Run 3: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 02:28:35 +0000
End at: Tue, 01 Aug 2017 02:29:05 +0000
Local clock offset: 0.424 ms
Remote clock offset: -2.092 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.57 Mbit/s
95th percentile per-packet one-way delay: 40.529 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 13.33 Mbit/s
95th percentile per-packet one-way delay: 40.734 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 39.938 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 13.16 Mbit/s
95th percentile per-packet one-way delay: 40.299 ms
Loss rate: 0.92%
```

Run 3: Report of KohoCC — Data Link

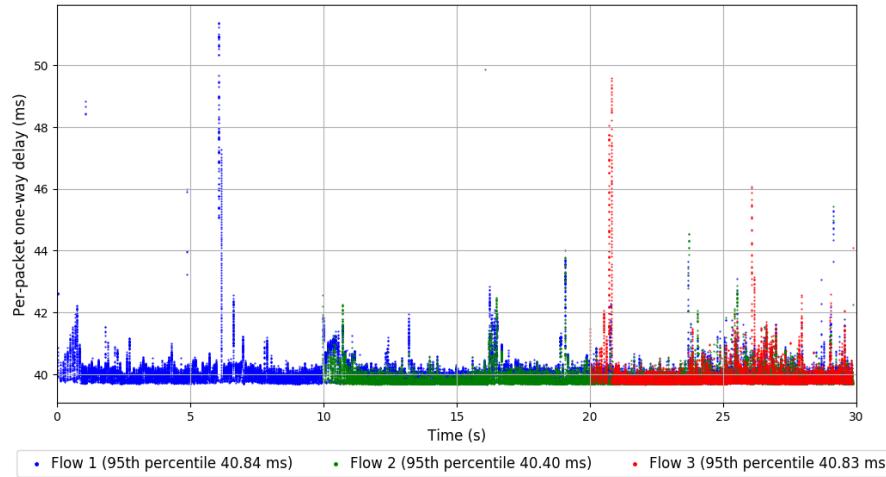
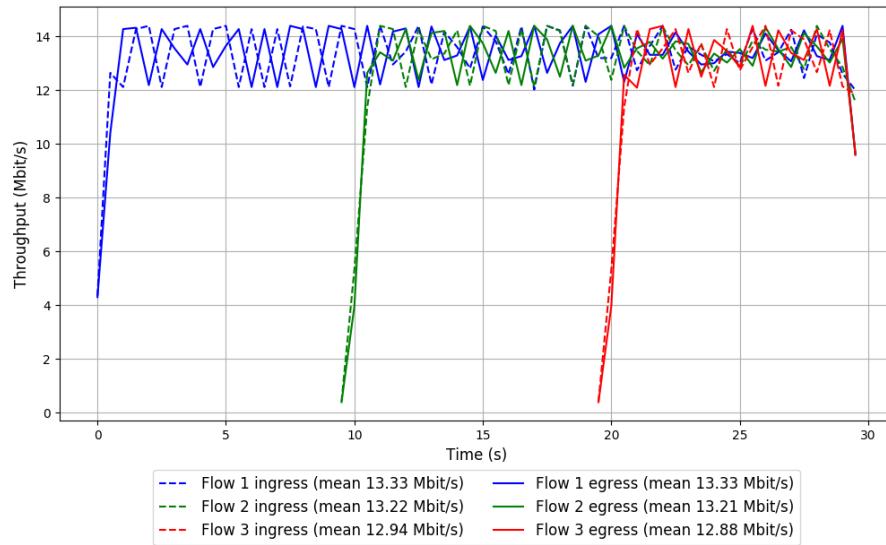


Run 4: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 02:49:36 +0000
End at: Tue, 01 Aug 2017 02:50:06 +0000
Local clock offset: 0.171 ms
Remote clock offset: -2.005 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 40.691 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 13.33 Mbit/s
95th percentile per-packet one-way delay: 40.835 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 13.21 Mbit/s
95th percentile per-packet one-way delay: 40.399 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 12.88 Mbit/s
95th percentile per-packet one-way delay: 40.830 ms
Loss rate: 0.99%
```

Run 4: Report of KohoCC — Data Link

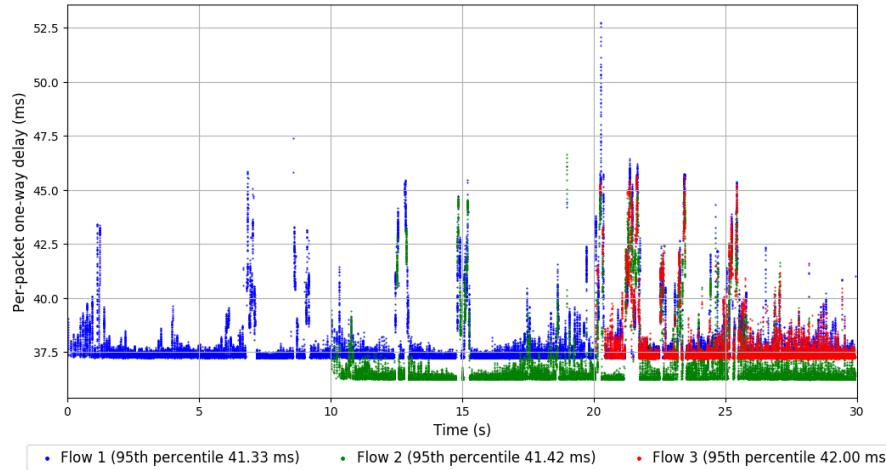
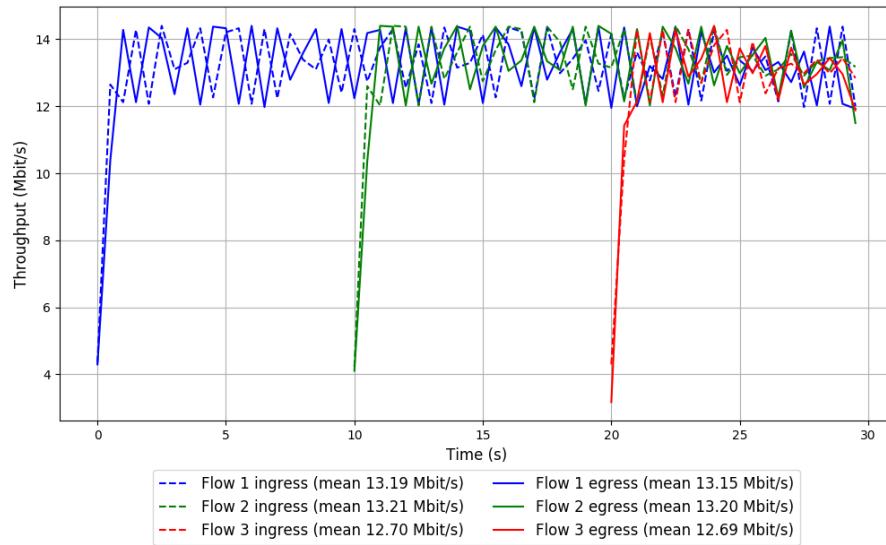


Run 5: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:10:51 +0000
End at: Tue, 01 Aug 2017 03:11:21 +0000
Local clock offset: 0.01 ms
Remote clock offset: 0.488 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.12 Mbit/s
95th percentile per-packet one-way delay: 41.505 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 41.333 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 13.20 Mbit/s
95th percentile per-packet one-way delay: 41.416 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 41.997 ms
Loss rate: 1.01%
```

Run 5: Report of KohoCC — Data Link

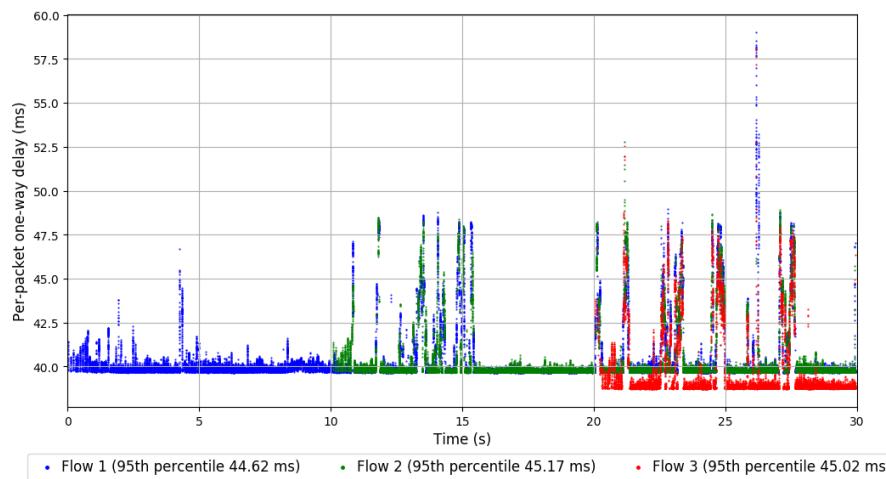
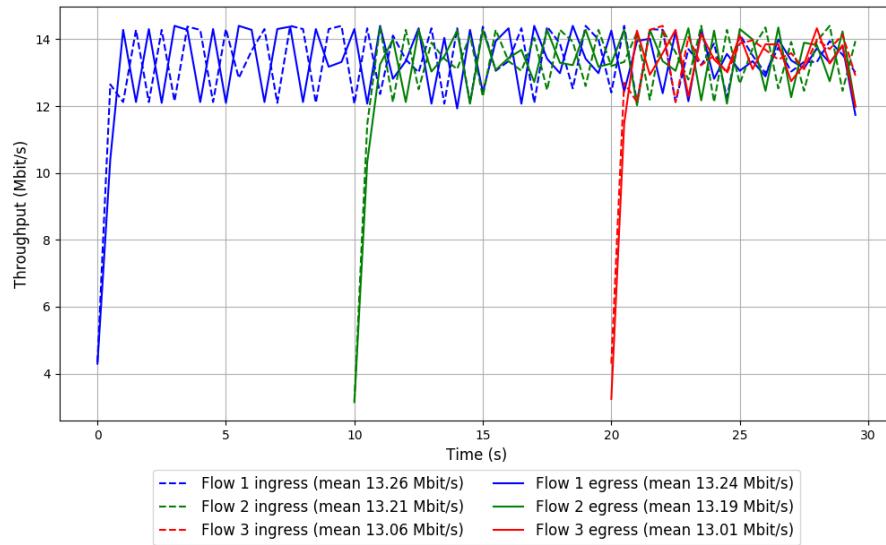


Run 6: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:31:57 +0000
End at: Tue, 01 Aug 2017 03:32:27 +0000
Local clock offset: -0.103 ms
Remote clock offset: -2.208 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.27 Mbit/s
95th percentile per-packet one-way delay: 44.874 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 44.618 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 13.19 Mbit/s
95th percentile per-packet one-way delay: 45.174 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 45.019 ms
Loss rate: 1.19%
```

Run 6: Report of KohoCC — Data Link

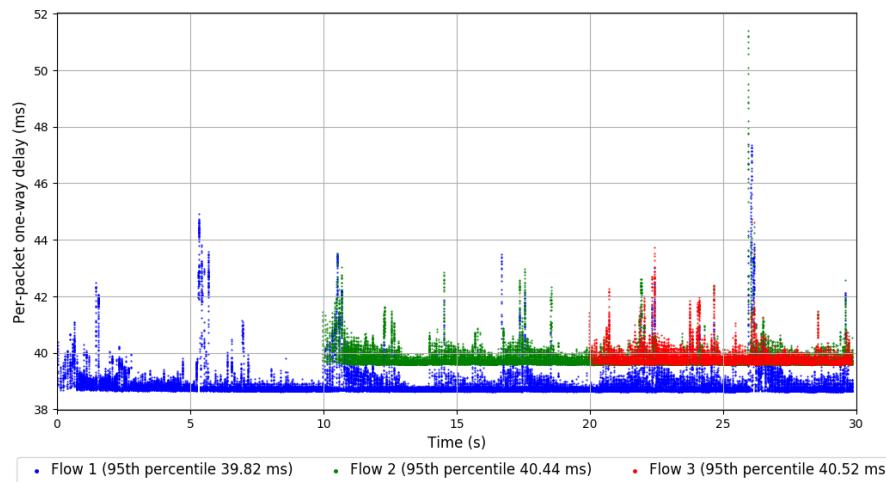
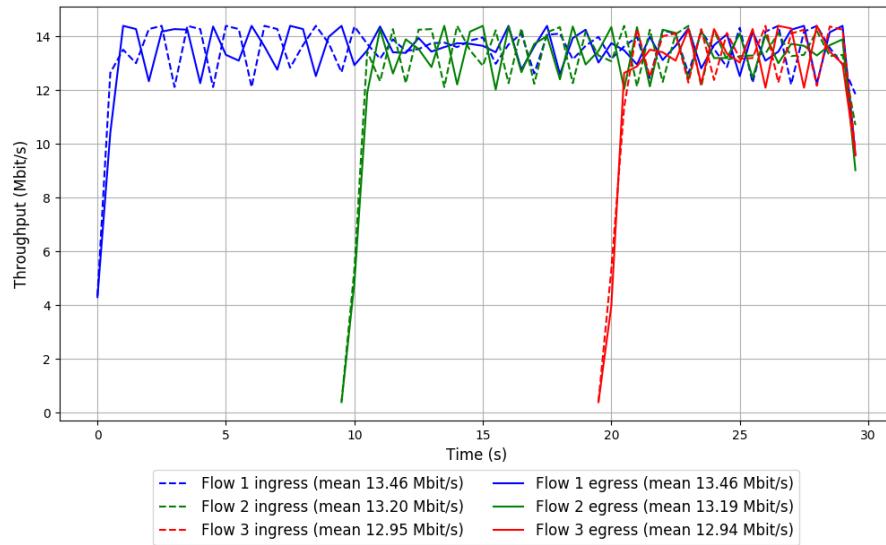


Run 7: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:53:00 +0000
End at: Tue, 01 Aug 2017 03:53:30 +0000
Local clock offset: -0.107 ms
Remote clock offset: -2.428 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 40.318 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 39.816 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 13.19 Mbit/s
95th percentile per-packet one-way delay: 40.439 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 40.521 ms
Loss rate: 0.93%
```

Run 7: Report of KohoCC — Data Link

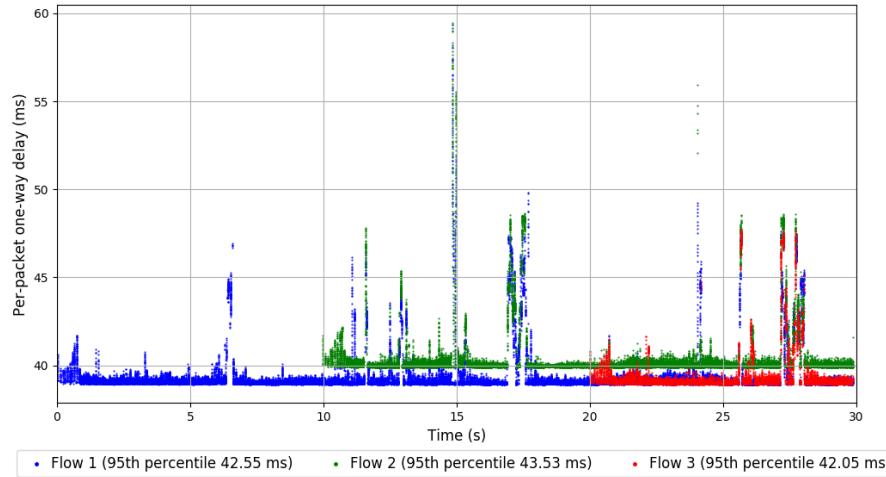
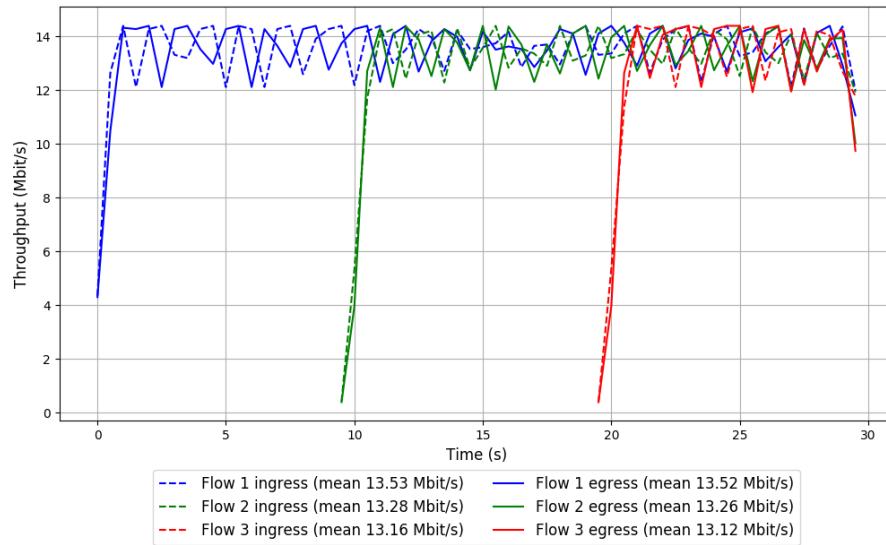


Run 8: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:14:18 +0000
End at: Tue, 01 Aug 2017 04:14:48 +0000
Local clock offset: 0.139 ms
Remote clock offset: -2.841 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.70 Mbit/s
95th percentile per-packet one-way delay: 42.817 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 13.52 Mbit/s
95th percentile per-packet one-way delay: 42.545 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 43.529 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 42.049 ms
Loss rate: 1.04%
```

Run 8: Report of KohoCC — Data Link

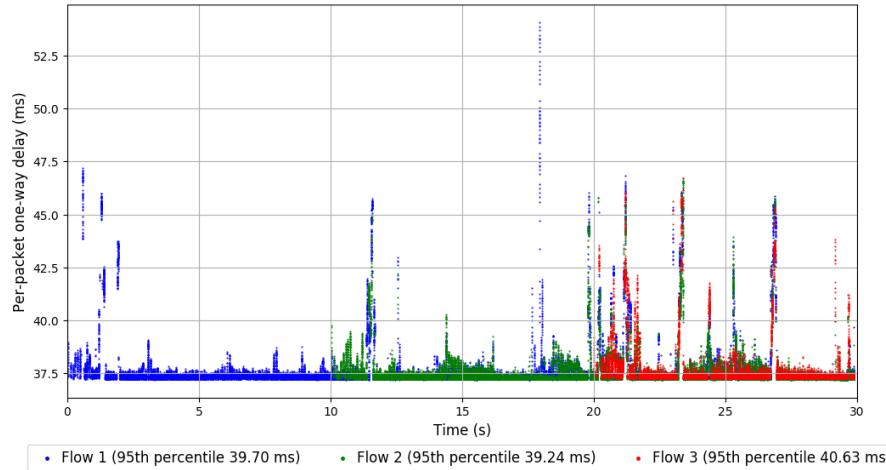
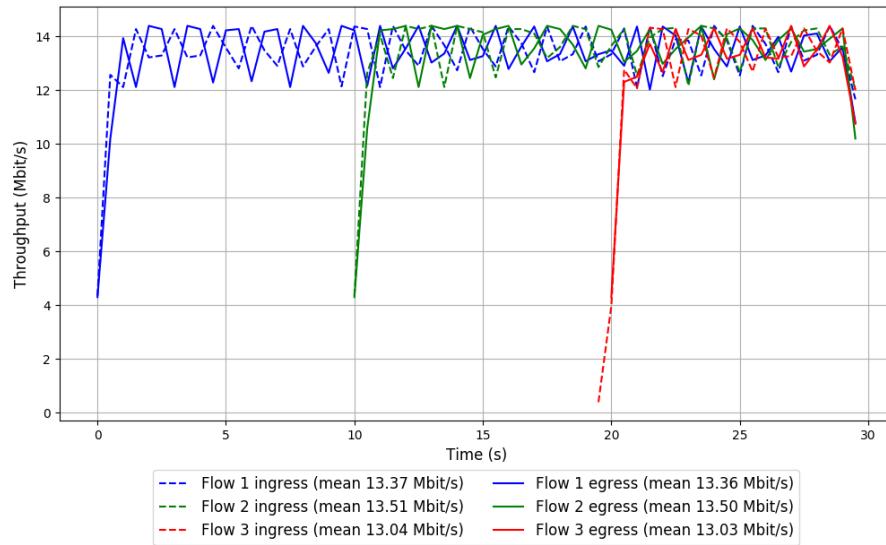


Run 9: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:35:36 +0000
End at: Tue, 01 Aug 2017 04:36:06 +0000
Local clock offset: 0.121 ms
Remote clock offset: -0.446 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.64 Mbit/s
95th percentile per-packet one-way delay: 39.770 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 13.36 Mbit/s
95th percentile per-packet one-way delay: 39.701 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 13.50 Mbit/s
95th percentile per-packet one-way delay: 39.243 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 40.632 ms
Loss rate: 0.94%
```

Run 9: Report of KohoCC — Data Link

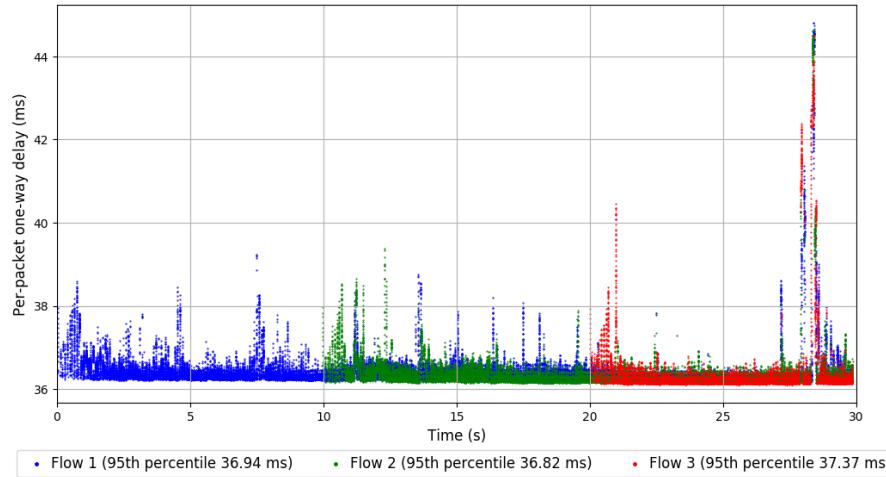
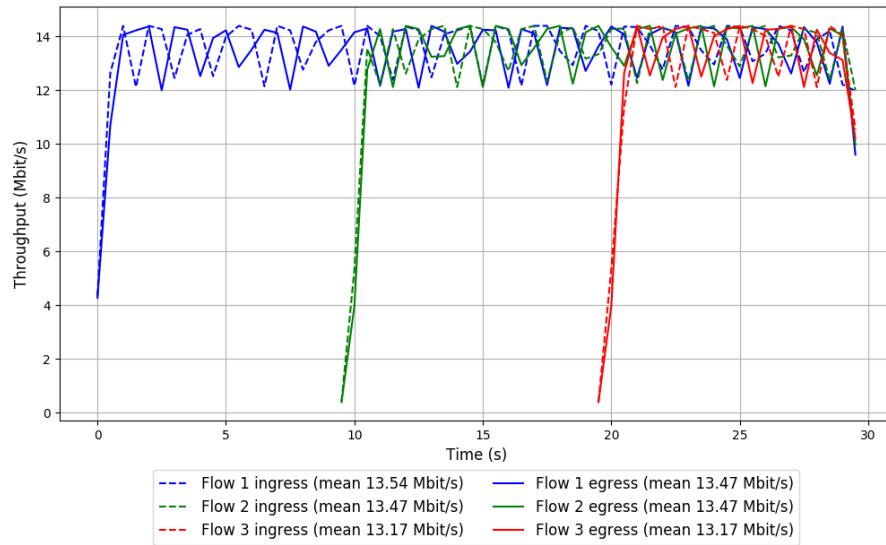


Run 10: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:56:59 +0000
End at: Tue, 01 Aug 2017 04:57:29 +0000
Local clock offset: 0.126 ms
Remote clock offset: -0.428 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.80 Mbit/s
95th percentile per-packet one-way delay: 36.920 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 13.47 Mbit/s
95th percentile per-packet one-way delay: 36.938 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 13.47 Mbit/s
95th percentile per-packet one-way delay: 36.823 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 37.371 ms
Loss rate: 0.91%
```

Run 10: Report of KohoCC — Data Link

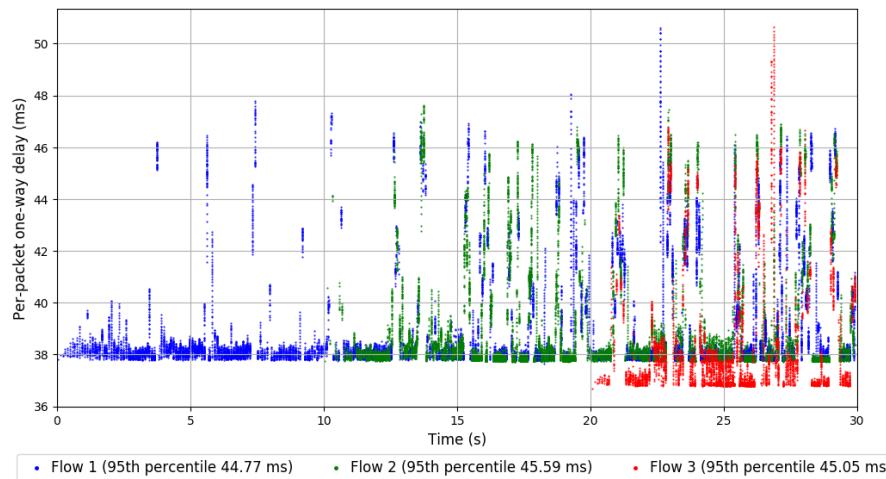
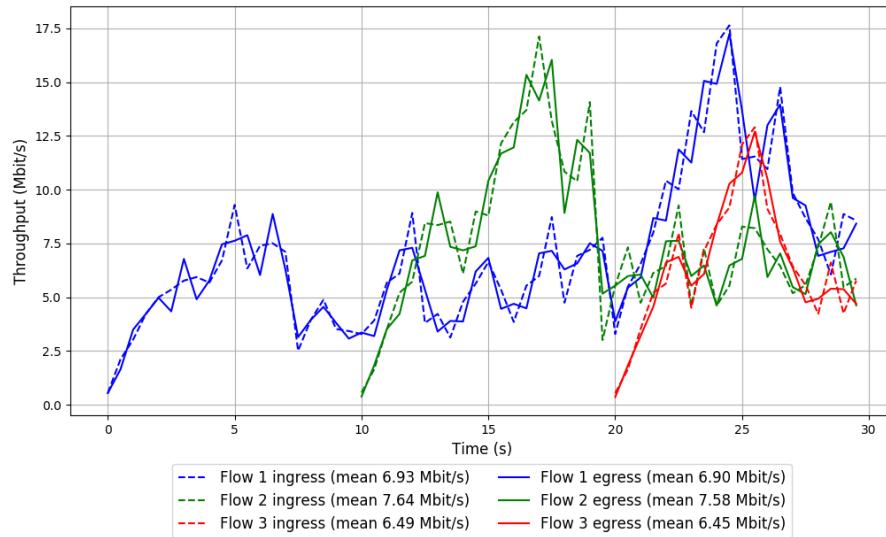


Run 1: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 01:48:47 +0000
End at: Tue, 01 Aug 2017 01:49:17 +0000
Local clock offset: 0.735 ms
Remote clock offset: 0.384 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 45.188 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 44.774 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 7.58 Mbit/s
95th percentile per-packet one-way delay: 45.587 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 45.049 ms
Loss rate: 1.46%
```

Run 1: Report of LEDBAT — Data Link

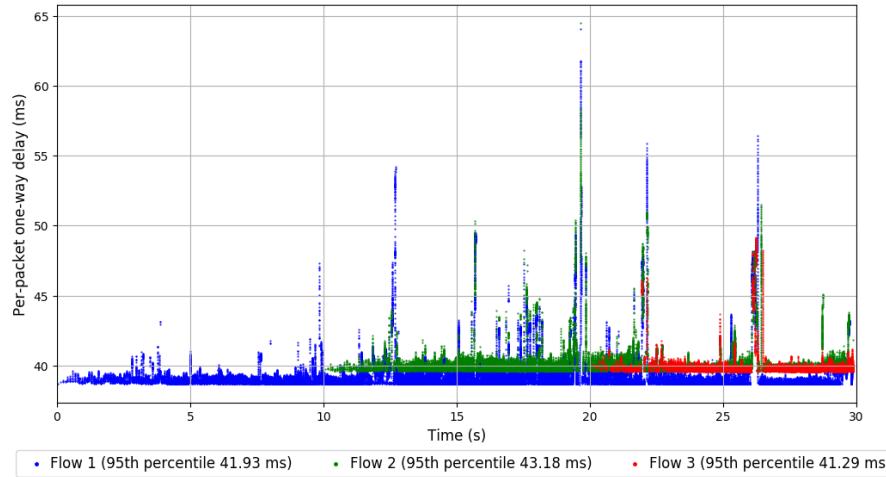
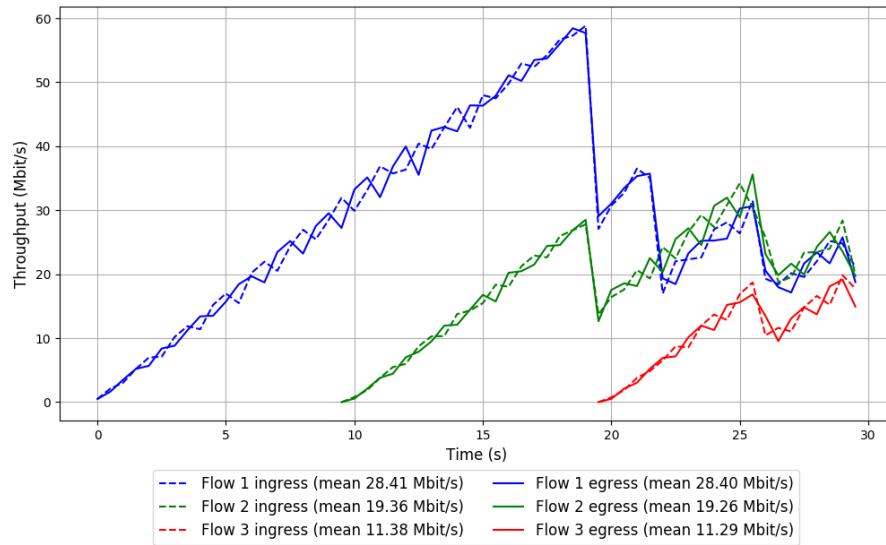


Run 2: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 02:10:18 +0000
End at: Tue, 01 Aug 2017 02:10:48 +0000
Local clock offset: 0.467 ms
Remote clock offset: -1.787 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 42.318 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 28.40 Mbit/s
95th percentile per-packet one-way delay: 41.934 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 43.176 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 11.29 Mbit/s
95th percentile per-packet one-way delay: 41.294 ms
Loss rate: 1.64%
```

Run 2: Report of LEDBAT — Data Link

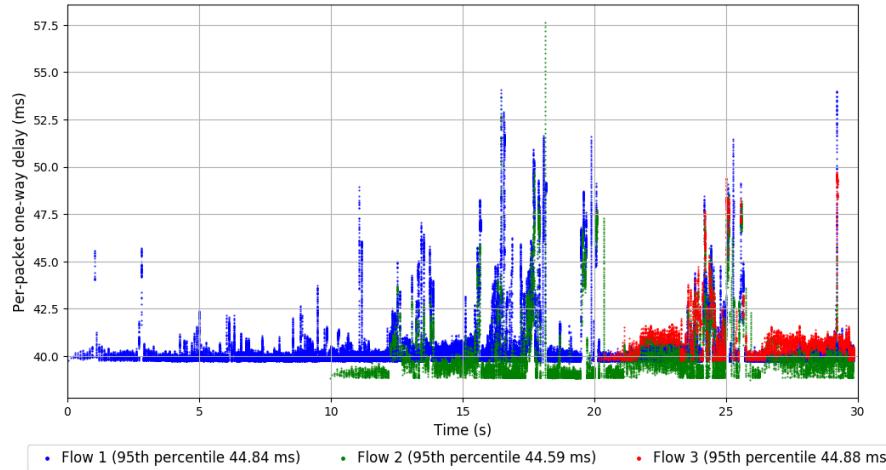
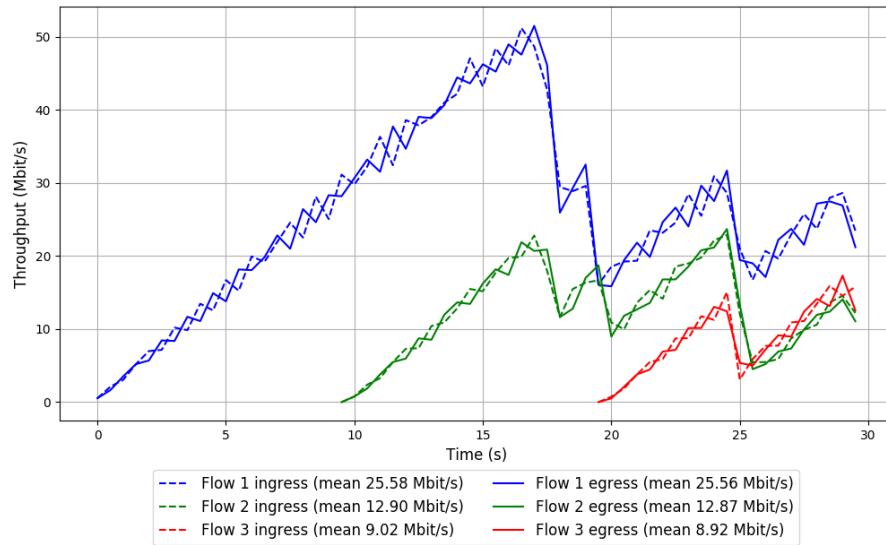


Run 3: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 02:31:20 +0000
End at: Tue, 01 Aug 2017 02:31:50 +0000
Local clock offset: 0.418 ms
Remote clock offset: -2.02 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 44.767 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 25.56 Mbit/s
95th percentile per-packet one-way delay: 44.835 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 44.585 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 44.876 ms
Loss rate: 2.01%
```

Run 3: Report of LEDBAT — Data Link

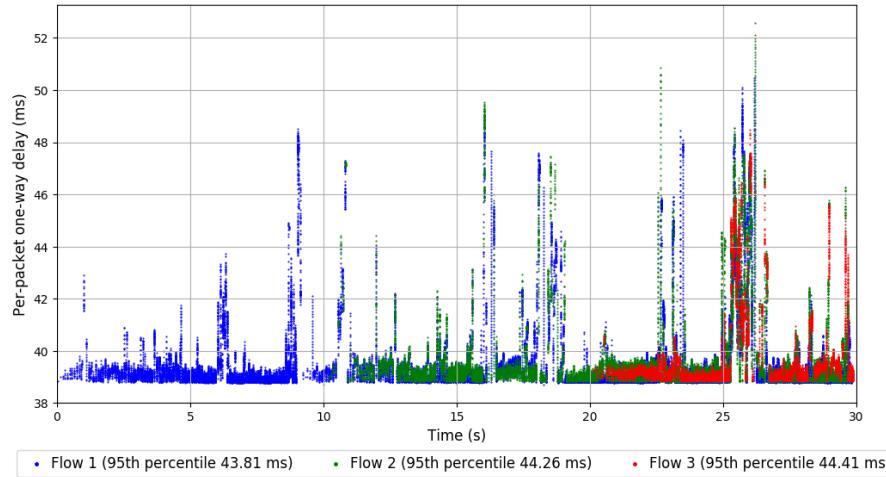
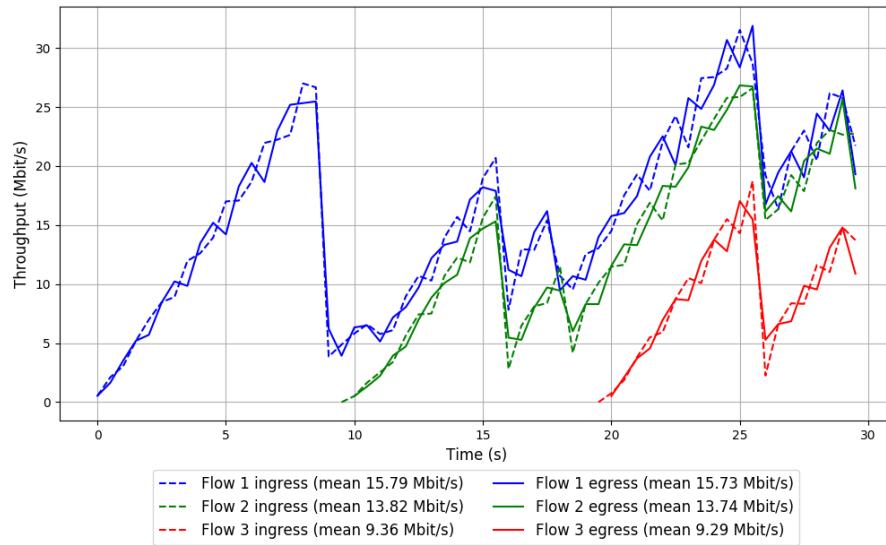


Run 4: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 02:52:23 +0000
End at: Tue, 01 Aug 2017 02:52:53 +0000
Local clock offset: 0.168 ms
Remote clock offset: -2.102 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.93 Mbit/s
95th percentile per-packet one-way delay: 44.089 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 43.809 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 13.74 Mbit/s
95th percentile per-packet one-way delay: 44.261 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 44.411 ms
Loss rate: 1.64%
```

Run 4: Report of LEDBAT — Data Link

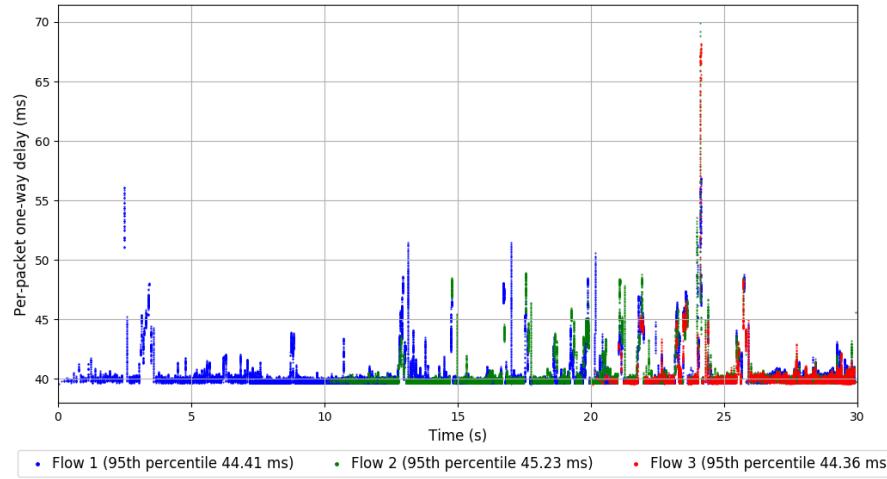
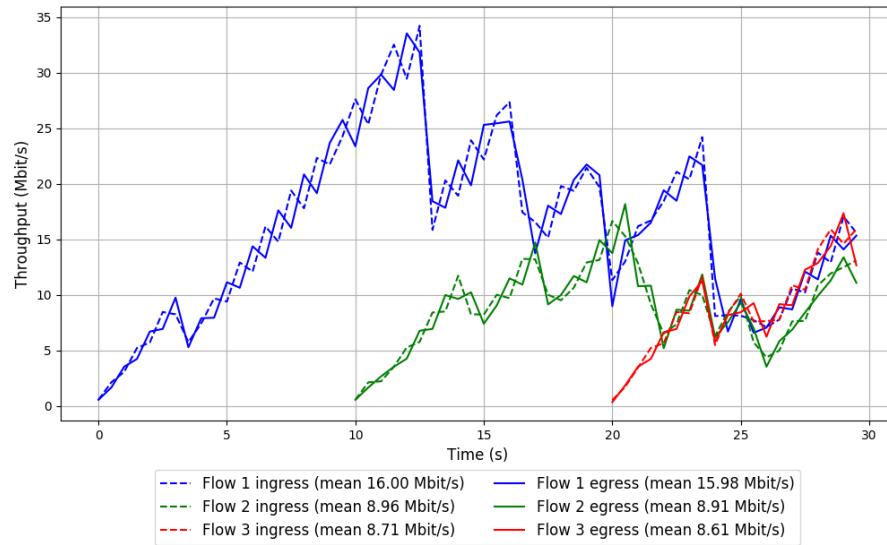


Run 5: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:13:37 +0000
End at: Tue, 01 Aug 2017 03:14:07 +0000
Local clock offset: 0.03 ms
Remote clock offset: -1.932 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 44.610 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 44.406 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 45.231 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 44.360 ms
Loss rate: 2.01%
```

Run 5: Report of LEDBAT — Data Link

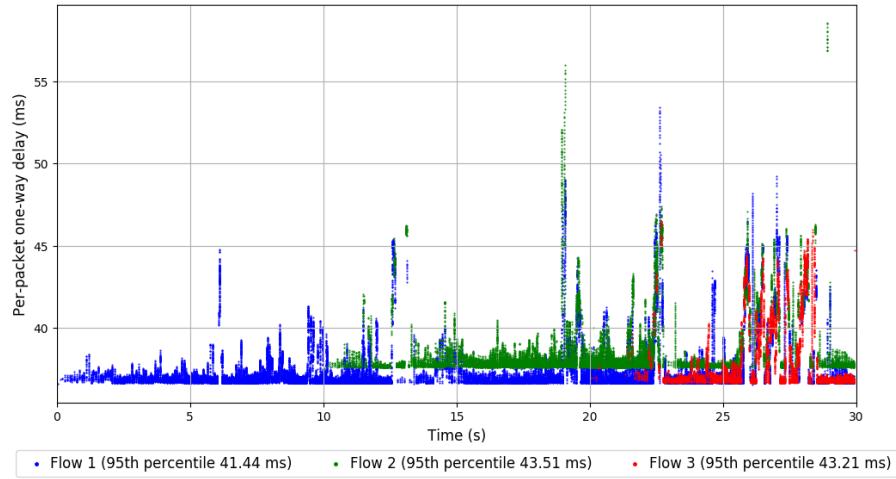
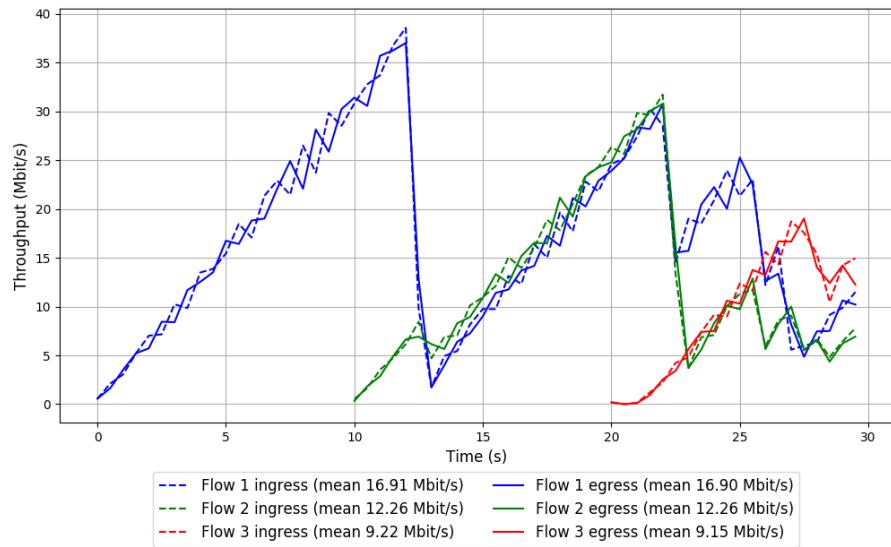


Run 6: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:34:43 +0000
End at: Tue, 01 Aug 2017 03:35:13 +0000
Local clock offset: -0.043 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 42.572 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 41.438 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 12.26 Mbit/s
95th percentile per-packet one-way delay: 43.505 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 43.214 ms
Loss rate: 1.51%
```

Run 6: Report of LEDBAT — Data Link

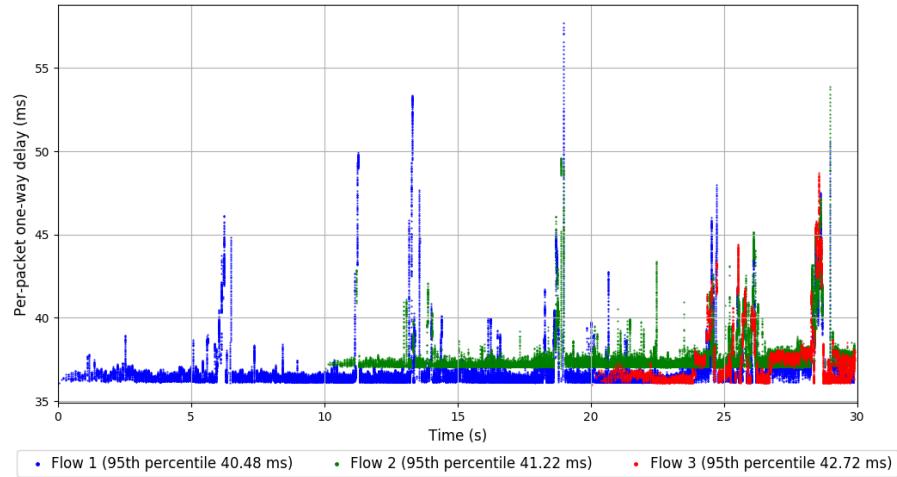
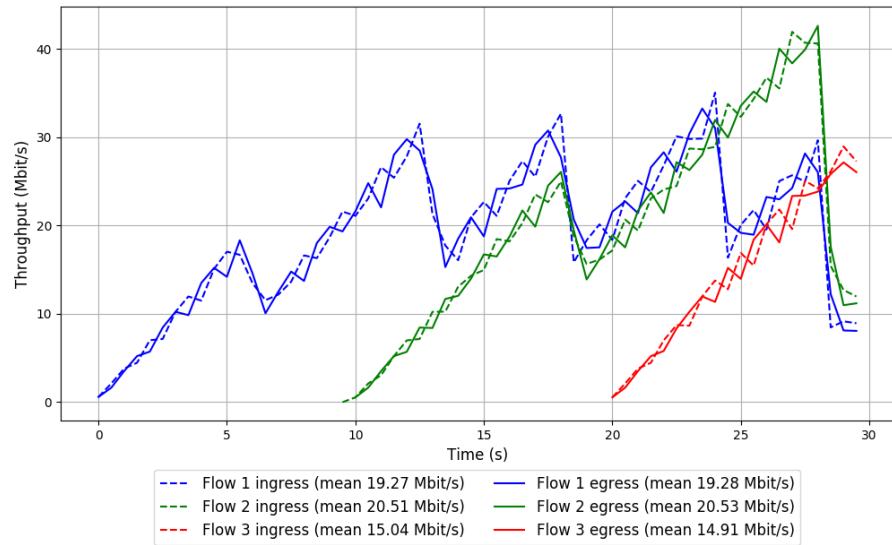


Run 7: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:55:46 +0000
End at: Tue, 01 Aug 2017 03:56:16 +0000
Local clock offset: -0.114 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.83 Mbit/s
95th percentile per-packet one-way delay: 41.134 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 19.28 Mbit/s
95th percentile per-packet one-way delay: 40.477 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 41.217 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 14.91 Mbit/s
95th percentile per-packet one-way delay: 42.722 ms
Loss rate: 1.79%
```

Run 7: Report of LEDBAT — Data Link

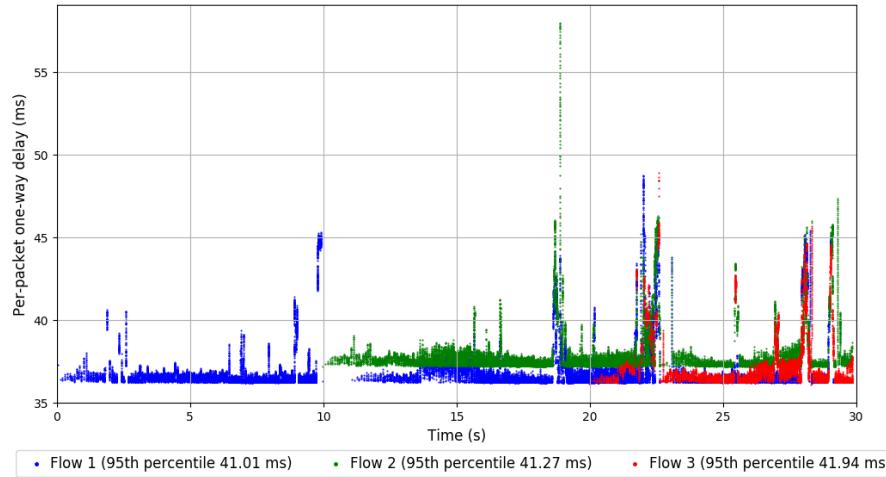
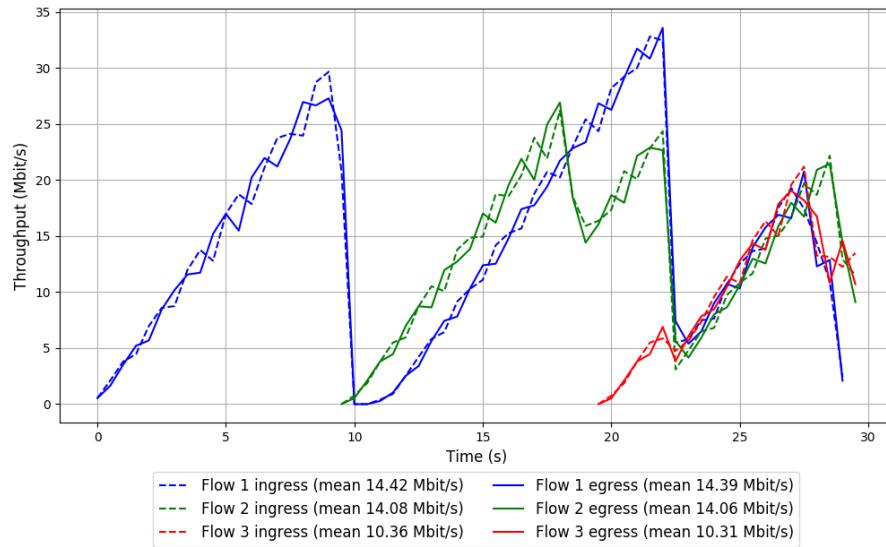


Run 8: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:17:05 +0000
End at: Tue, 01 Aug 2017 04:17:35 +0000
Local clock offset: 0.039 ms
Remote clock offset: -0.31 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.83 Mbit/s
95th percentile per-packet one-way delay: 41.295 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 14.39 Mbit/s
95th percentile per-packet one-way delay: 41.007 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 41.269 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: 41.935 ms
Loss rate: 1.39%
```

Run 8: Report of LEDBAT — Data Link

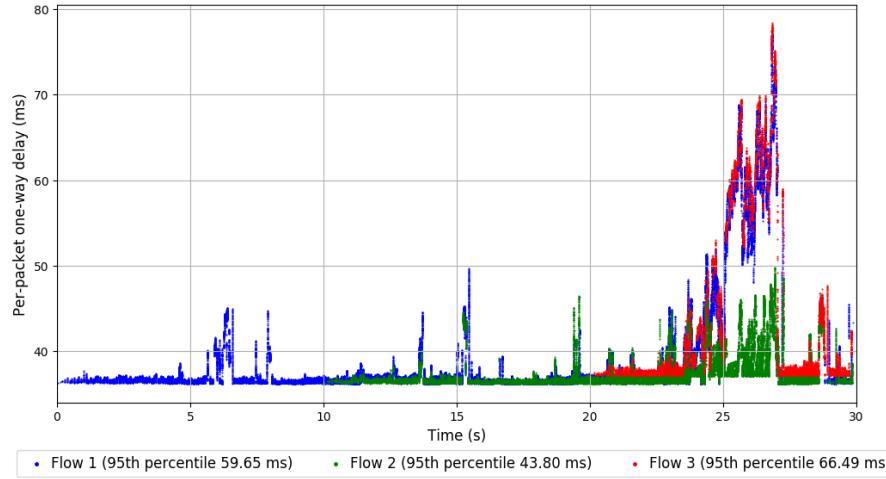
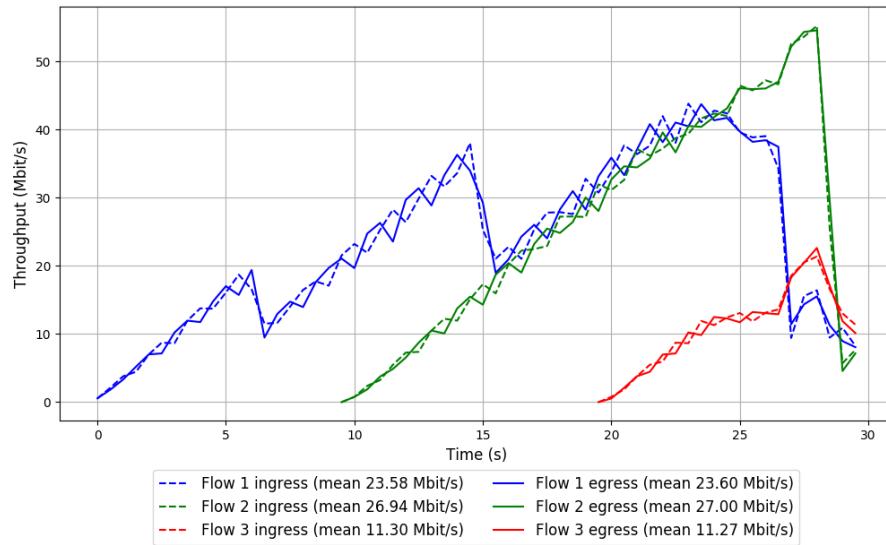


Run 9: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:38:23 +0000
End at: Tue, 01 Aug 2017 04:38:53 +0000
Local clock offset: 0.181 ms
Remote clock offset: -0.374 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.27 Mbit/s
95th percentile per-packet one-way delay: 58.437 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 23.60 Mbit/s
95th percentile per-packet one-way delay: 59.652 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 27.00 Mbit/s
95th percentile per-packet one-way delay: 43.798 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 66.487 ms
Loss rate: 1.19%
```

Run 9: Report of LEDBAT — Data Link

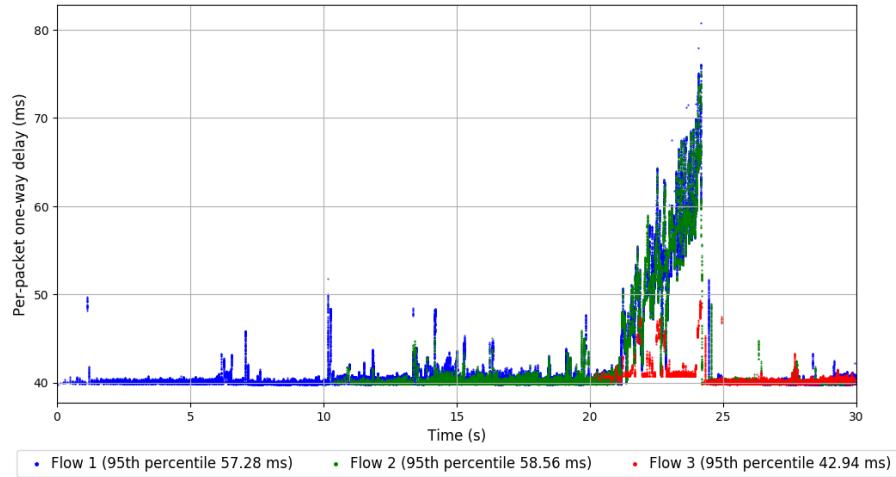
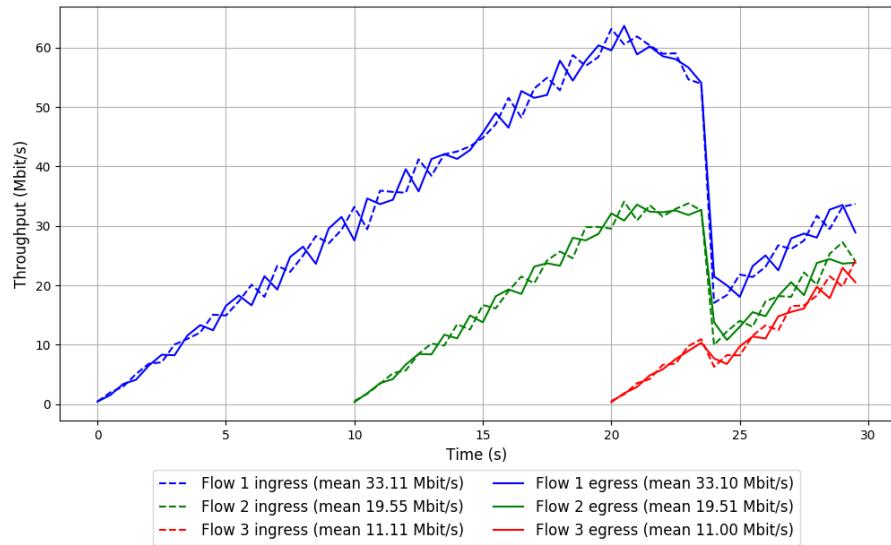


Run 10: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:59:46 +0000
End at: Tue, 01 Aug 2017 05:00:16 +0000
Local clock offset: 0.203 ms
Remote clock offset: -3.102 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:57:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.67 Mbit/s
95th percentile per-packet one-way delay: 57.499 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 33.10 Mbit/s
95th percentile per-packet one-way delay: 57.282 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 19.51 Mbit/s
95th percentile per-packet one-way delay: 58.561 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 42.941 ms
Loss rate: 1.93%
```

Run 10: Report of LEDBAT — Data Link

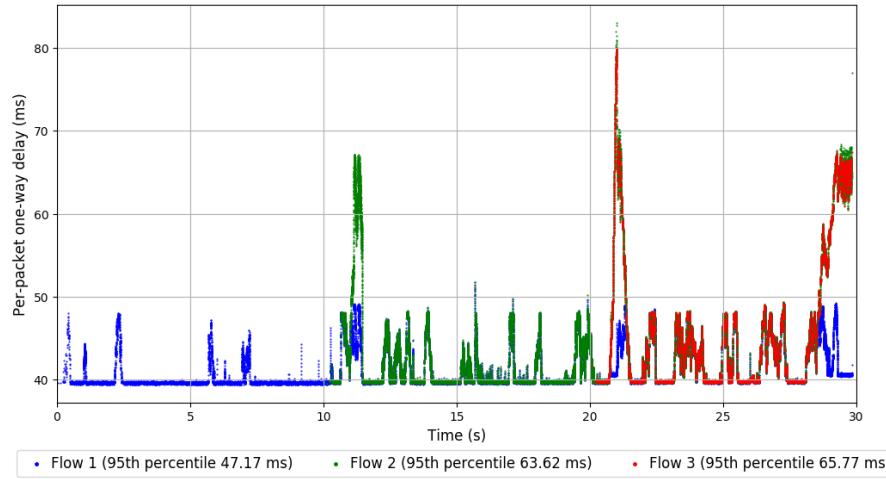
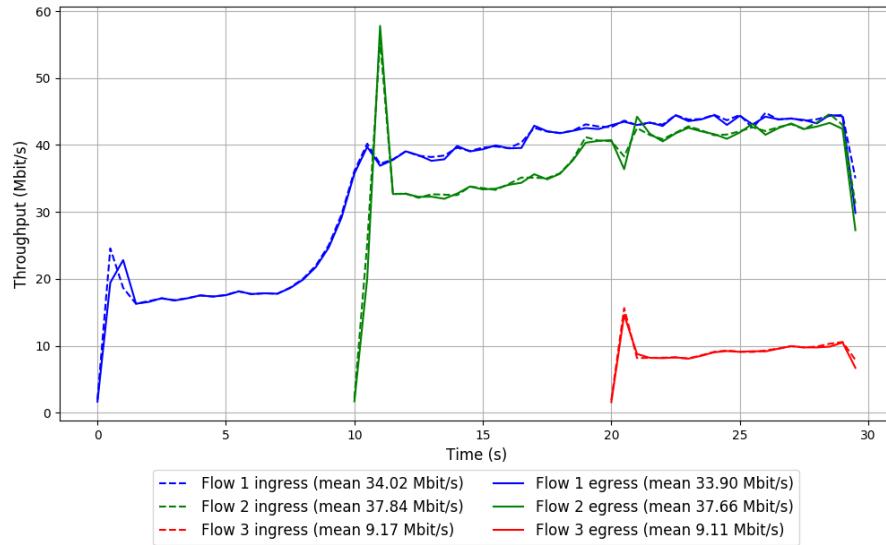


Run 1: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 01:47:24 +0000
End at: Tue, 01 Aug 2017 01:47:54 +0000
Local clock offset: 0.662 ms
Remote clock offset: -1.632 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 54.853 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 47.170 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 37.66 Mbit/s
95th percentile per-packet one-way delay: 63.619 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 9.11 Mbit/s
95th percentile per-packet one-way delay: 65.774 ms
Loss rate: 1.60%
```

Run 1: Report of PCC — Data Link

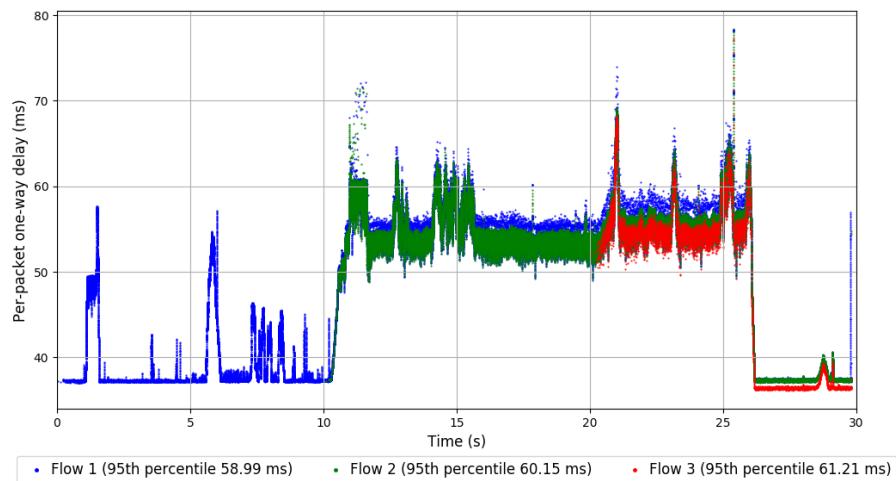
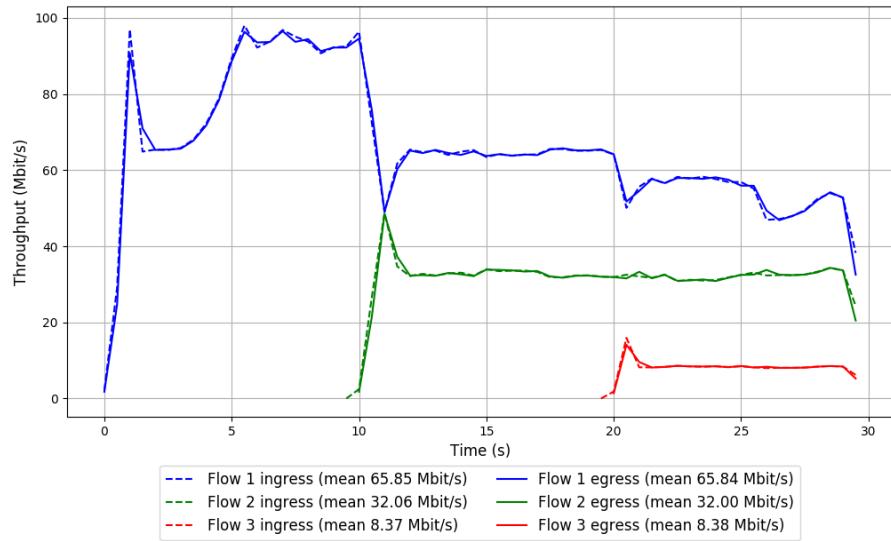


Run 2: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 02:08:55 +0000
End at: Tue, 01 Aug 2017 02:09:25 +0000
Local clock offset: 0.547 ms
Remote clock offset: 0.648 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 59.477 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 65.84 Mbit/s
95th percentile per-packet one-way delay: 58.990 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 60.146 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 8.38 Mbit/s
95th percentile per-packet one-way delay: 61.209 ms
Loss rate: 0.94%
```

Run 2: Report of PCC — Data Link

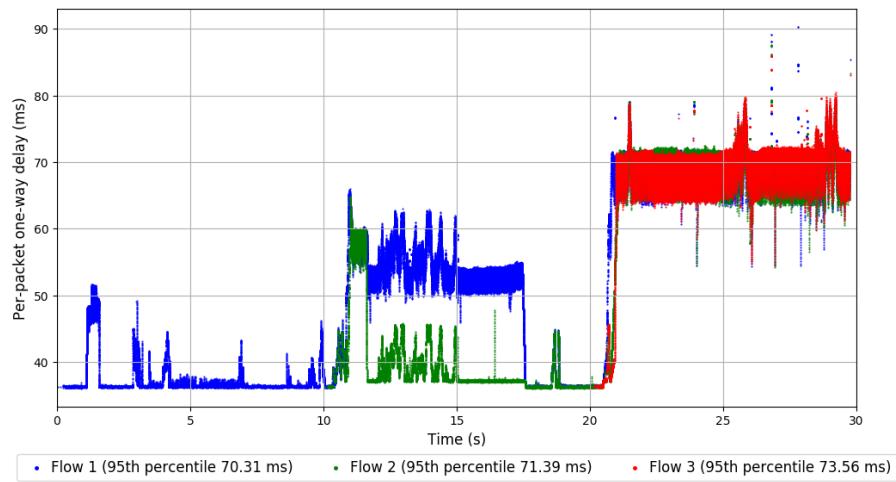
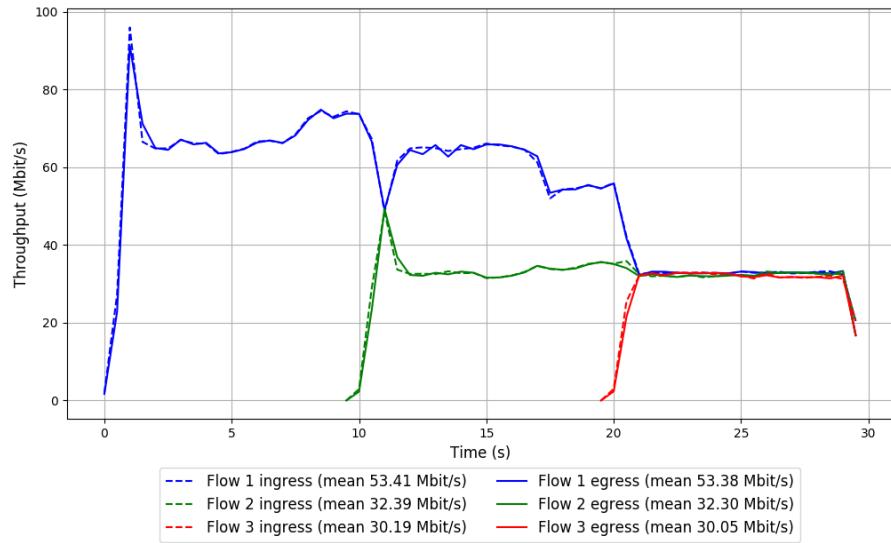


Run 3: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 02:29:56 +0000
End at: Tue, 01 Aug 2017 02:30:26 +0000
Local clock offset: 0.427 ms
Remote clock offset: 0.525 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.76 Mbit/s
95th percentile per-packet one-way delay: 71.144 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 53.38 Mbit/s
95th percentile per-packet one-way delay: 70.309 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 71.387 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 30.05 Mbit/s
95th percentile per-packet one-way delay: 73.562 ms
Loss rate: 1.36%
```

Run 3: Report of PCC — Data Link

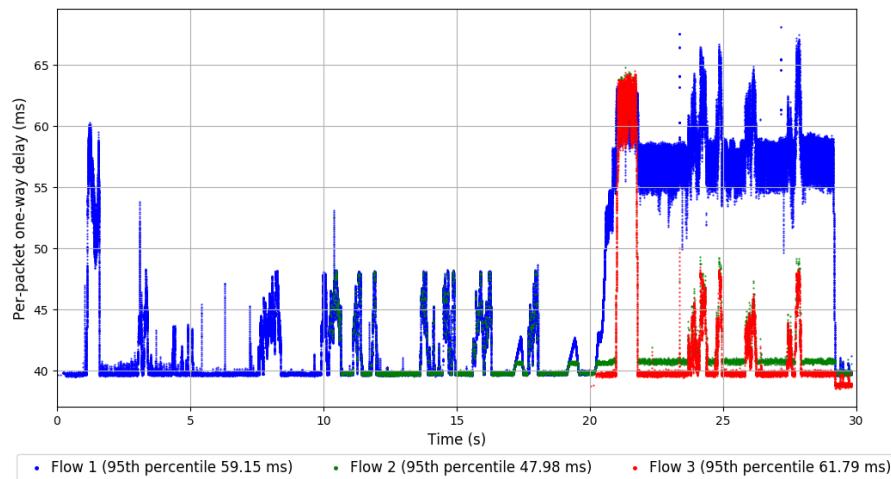
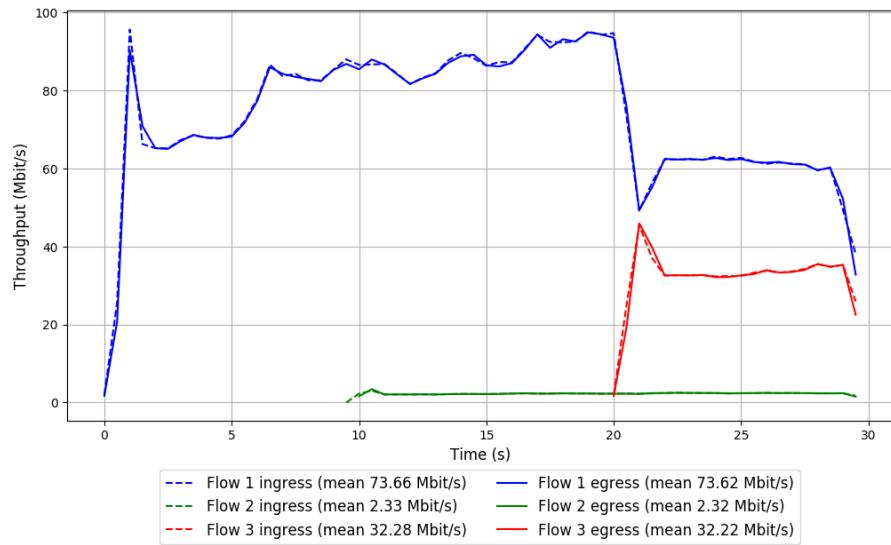


Run 4: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 02:50:58 +0000
End at: Tue, 01 Aug 2017 02:51:28 +0000
Local clock offset: 0.28 ms
Remote clock offset: -2.015 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 59.587 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 73.62 Mbit/s
95th percentile per-packet one-way delay: 59.152 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 47.975 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 61.789 ms
Loss rate: 1.07%
```

Run 4: Report of PCC — Data Link

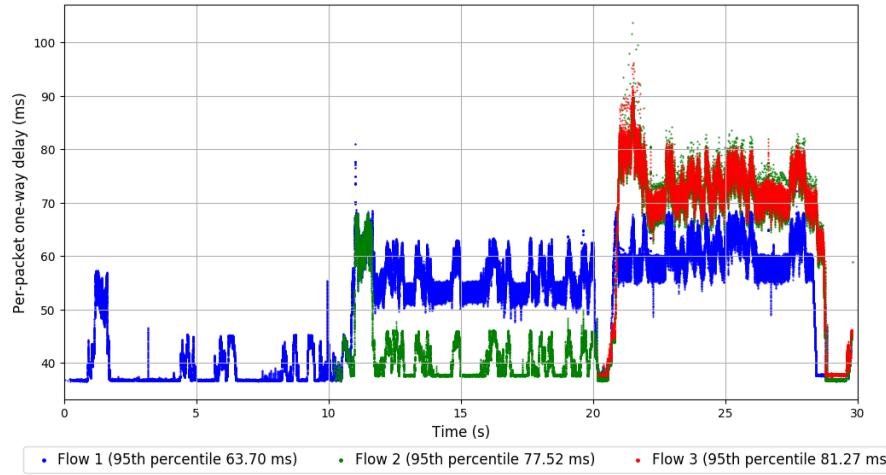
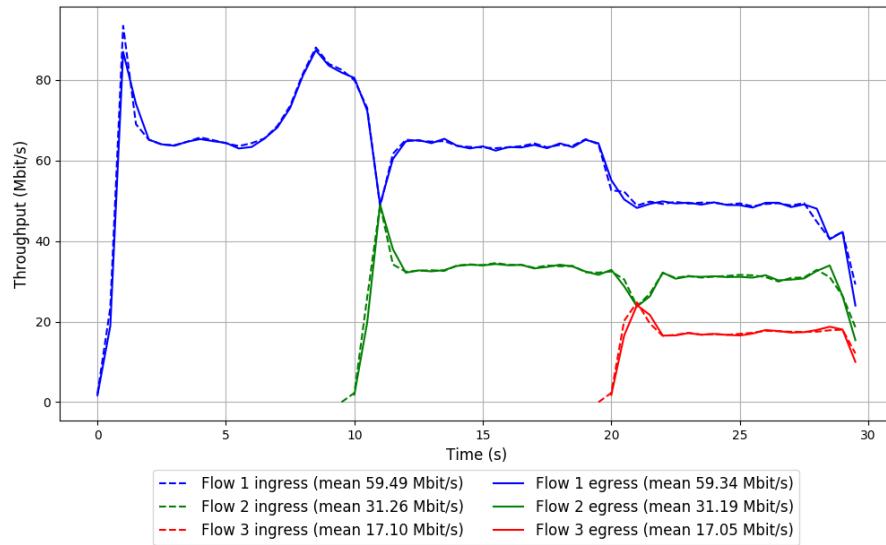


Run 5: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:12:13 +0000
End at: Tue, 01 Aug 2017 03:12:43 +0000
Local clock offset: 0.117 ms
Remote clock offset: 0.084 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.65 Mbit/s
95th percentile per-packet one-way delay: 74.738 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 59.34 Mbit/s
95th percentile per-packet one-way delay: 63.698 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 77.520 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 17.05 Mbit/s
95th percentile per-packet one-way delay: 81.273 ms
Loss rate: 1.26%
```

Run 5: Report of PCC — Data Link

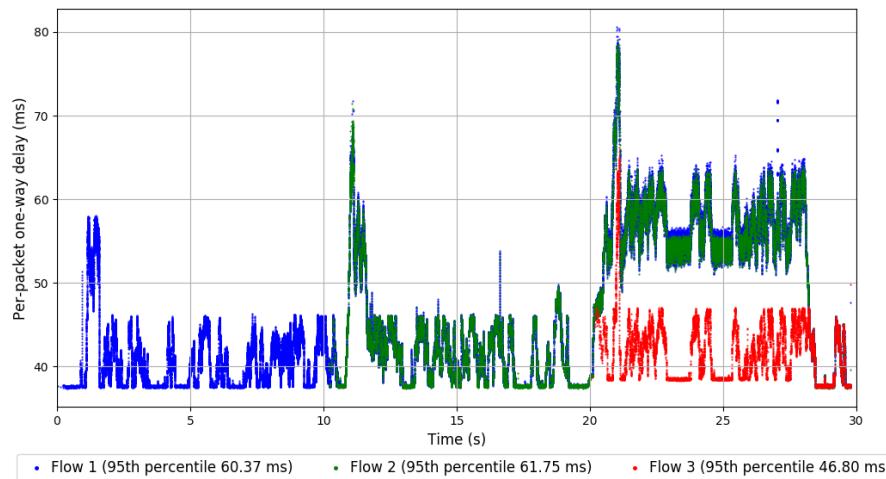
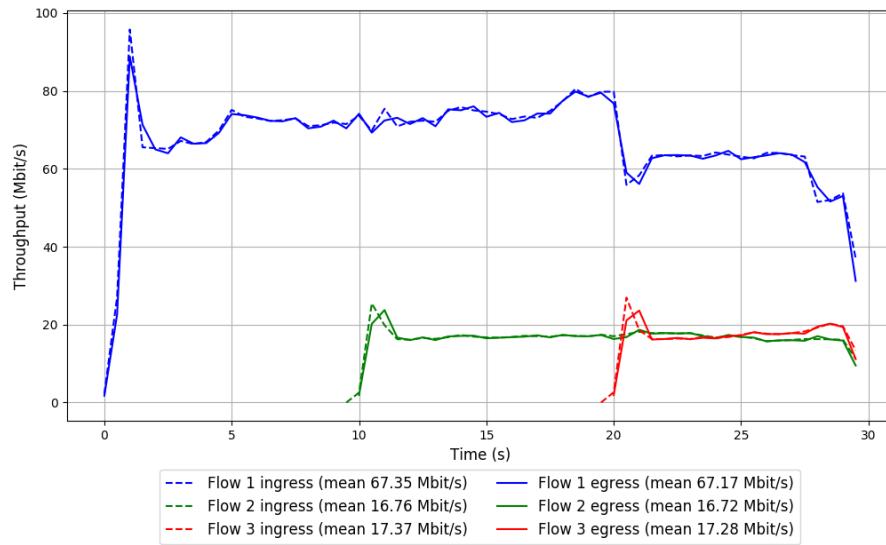


Run 6: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:33:19 +0000
End at: Tue, 01 Aug 2017 03:33:49 +0000
Local clock offset: -0.103 ms
Remote clock offset: -0.175 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.97 Mbit/s
95th percentile per-packet one-way delay: 60.524 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 67.17 Mbit/s
95th percentile per-packet one-way delay: 60.369 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 16.72 Mbit/s
95th percentile per-packet one-way delay: 61.750 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 17.28 Mbit/s
95th percentile per-packet one-way delay: 46.799 ms
Loss rate: 1.36%
```

Run 6: Report of PCC — Data Link

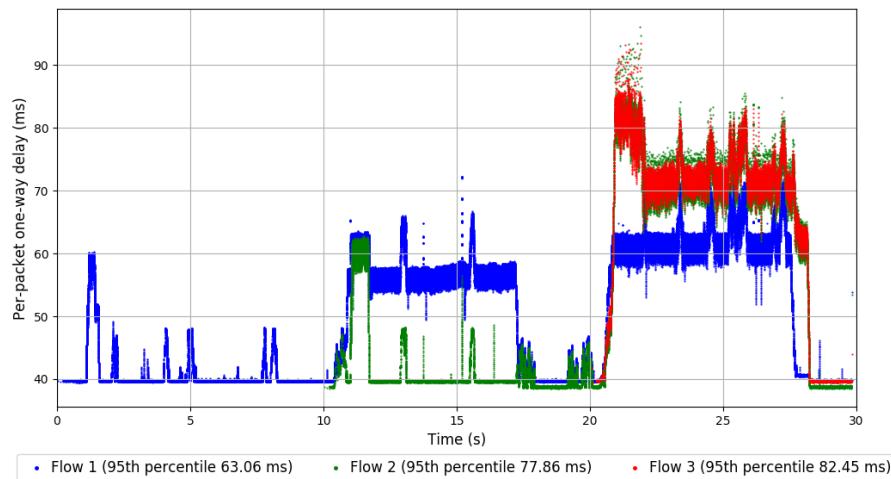
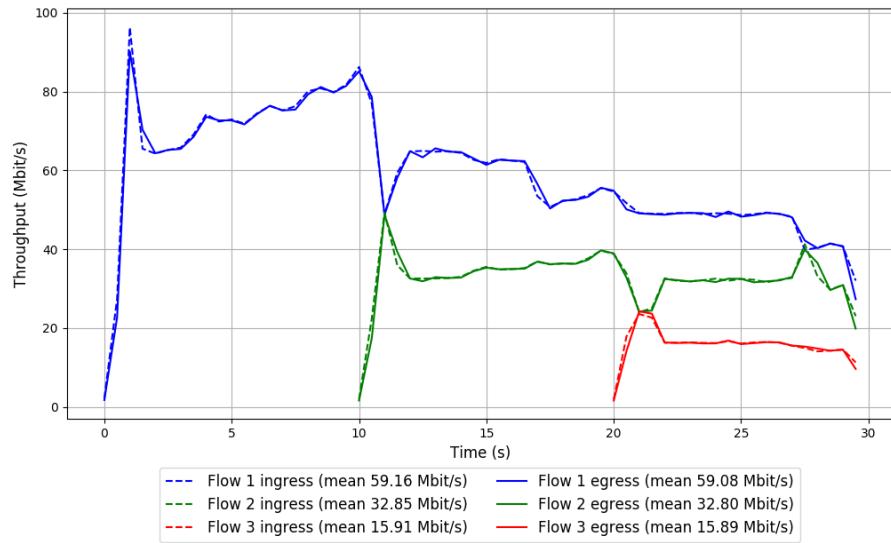


Run 7: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:54:22 +0000
End at: Tue, 01 Aug 2017 03:54:52 +0000
Local clock offset: -0.099 ms
Remote clock offset: -2.44 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.08 Mbit/s
95th percentile per-packet one-way delay: 73.218 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 63.064 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 77.858 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 82.447 ms
Loss rate: 1.08%
```

Run 7: Report of PCC — Data Link

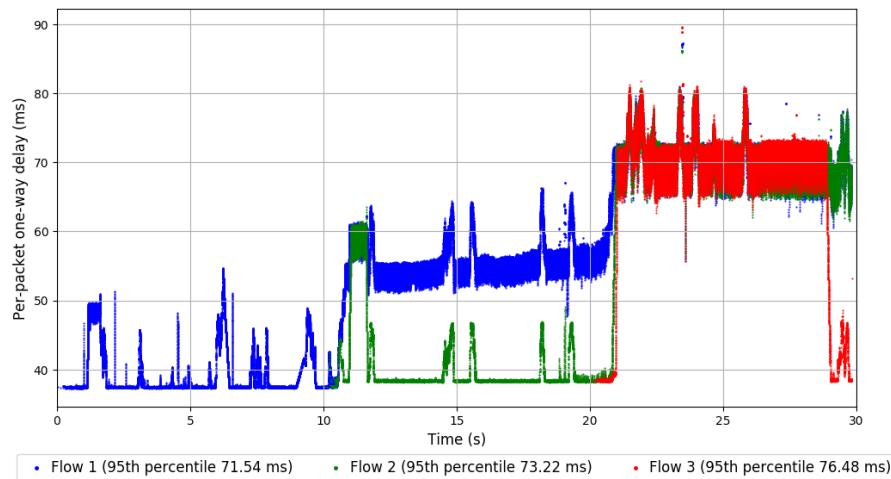
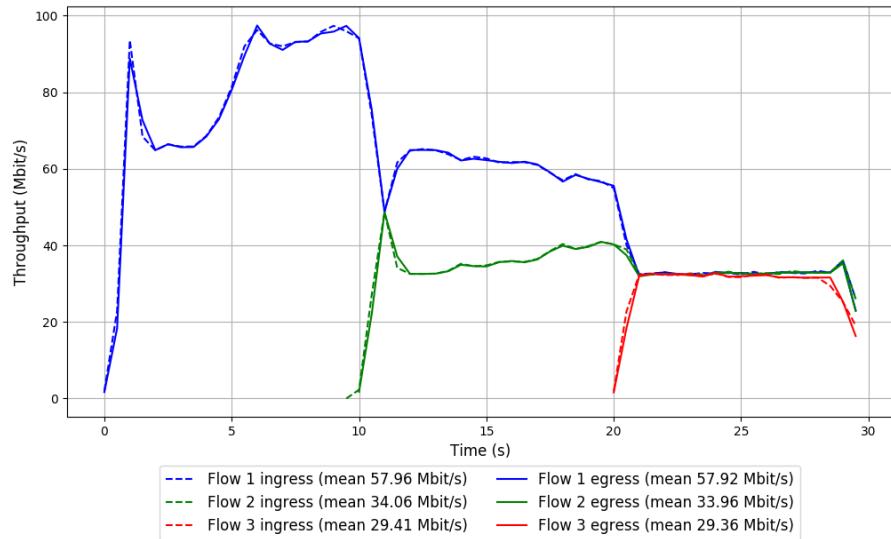


Run 8: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:15:40 +0000
End at: Tue, 01 Aug 2017 04:16:10 +0000
Local clock offset: -0.0 ms
Remote clock offset: -0.588 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 72.565 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 57.92 Mbit/s
95th percentile per-packet one-way delay: 71.537 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 33.96 Mbit/s
95th percentile per-packet one-way delay: 73.217 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 29.36 Mbit/s
95th percentile per-packet one-way delay: 76.485 ms
Loss rate: 0.95%
```

Run 8: Report of PCC — Data Link

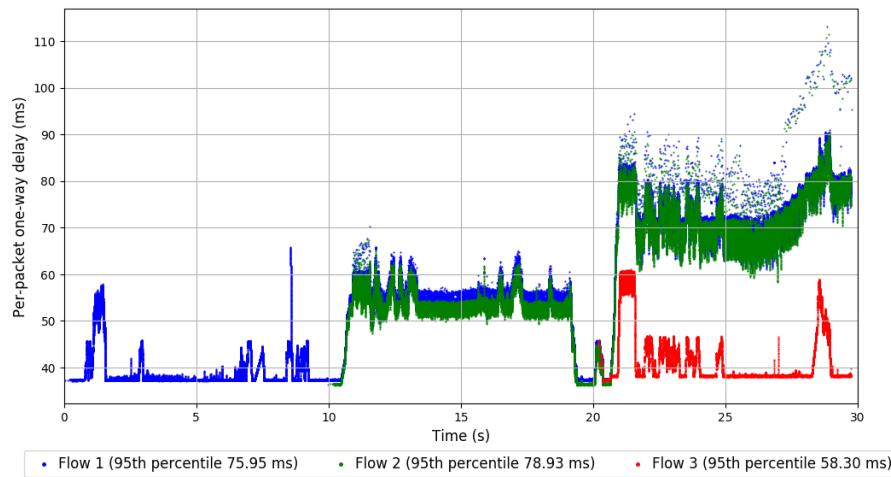
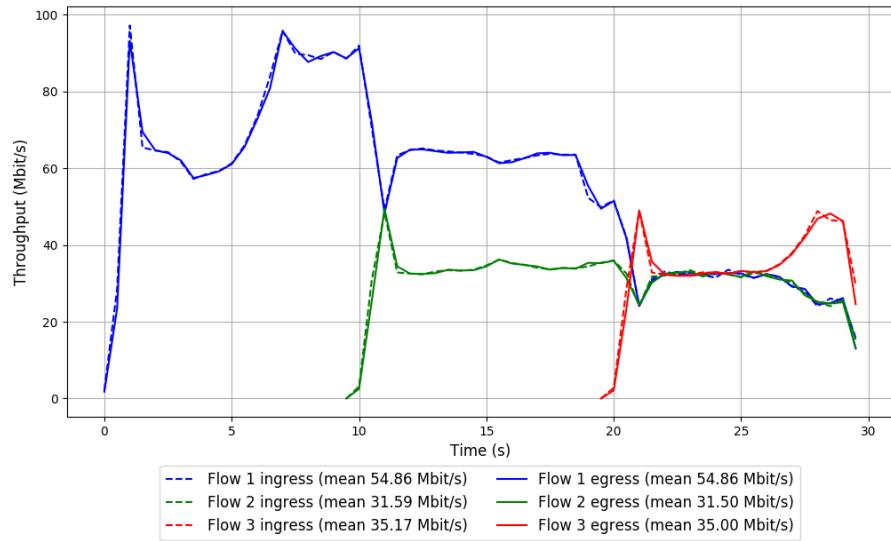


Run 9: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:36:58 +0000
End at: Tue, 01 Aug 2017 04:37:28 +0000
Local clock offset: 0.118 ms
Remote clock offset: -0.457 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:58:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.29 Mbit/s
95th percentile per-packet one-way delay: 76.743 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 54.86 Mbit/s
95th percentile per-packet one-way delay: 75.952 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 78.931 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 35.00 Mbit/s
95th percentile per-packet one-way delay: 58.296 ms
Loss rate: 1.37%
```

Run 9: Report of PCC — Data Link

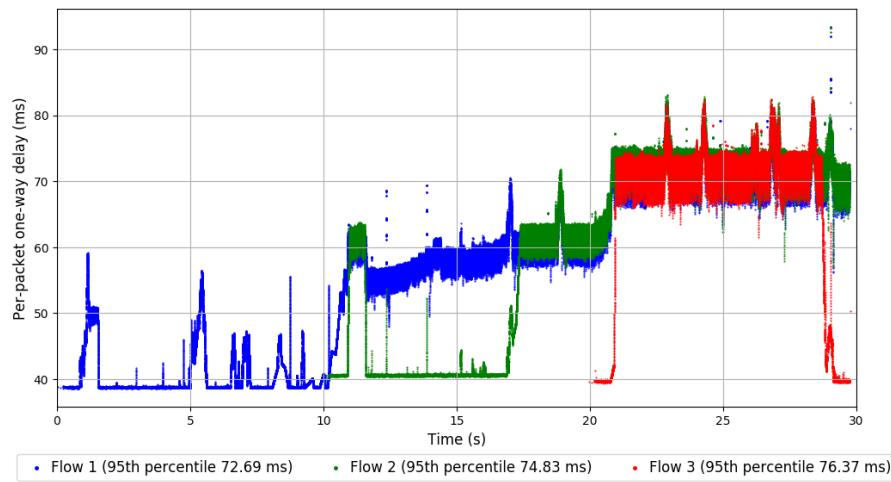
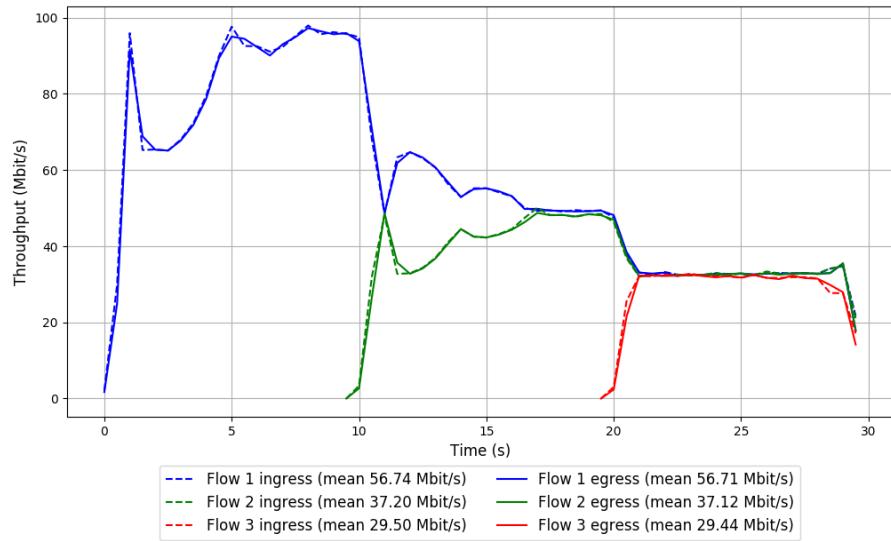


Run 10: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:58:21 +0000
End at: Tue, 01 Aug 2017 04:58:51 +0000
Local clock offset: 0.205 ms
Remote clock offset: -2.93 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.11 Mbit/s
95th percentile per-packet one-way delay: 74.110 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 56.71 Mbit/s
95th percentile per-packet one-way delay: 72.694 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 74.835 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 76.366 ms
Loss rate: 1.03%
```

Run 10: Report of PCC — Data Link

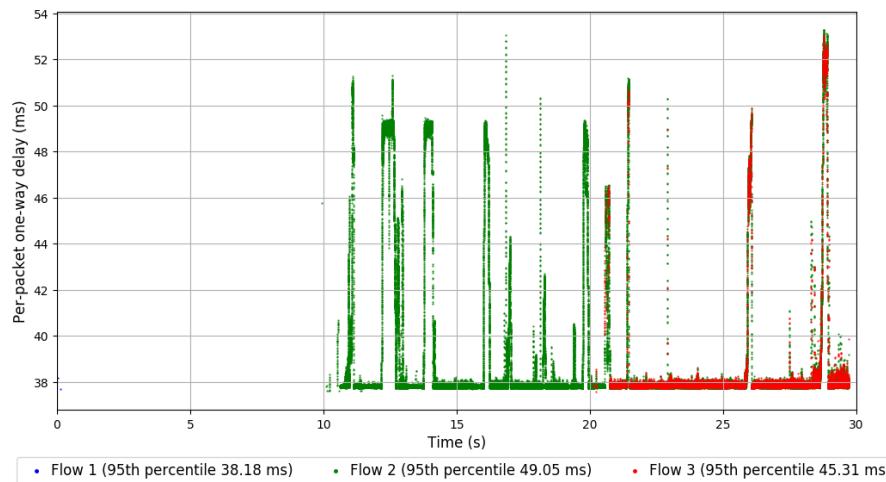
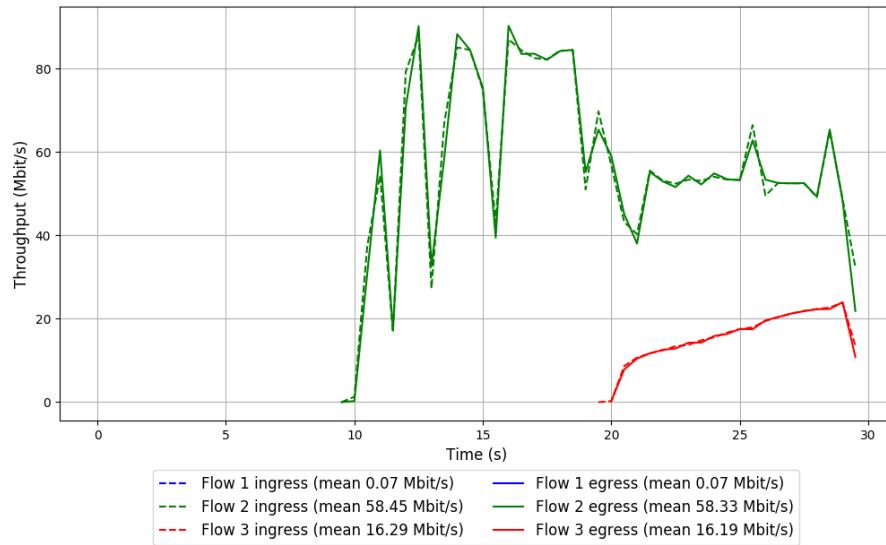


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: Tue, 01 Aug 2017 02:02:01 +0000
End at: Tue, 01 Aug 2017 02:02:31 +0000
Local clock offset: 0.618 ms
Remote clock offset: 0.189 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 49.035 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 38.184 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 49.052 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 16.19 Mbit/s
95th percentile per-packet one-way delay: 45.312 ms
Loss rate: 1.48%
```

Run 1: Report of QUIC Cubic — Data Link

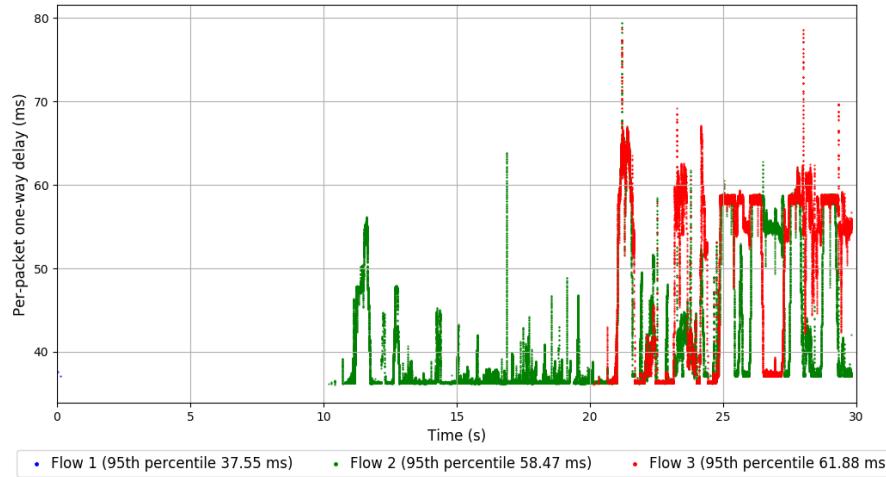
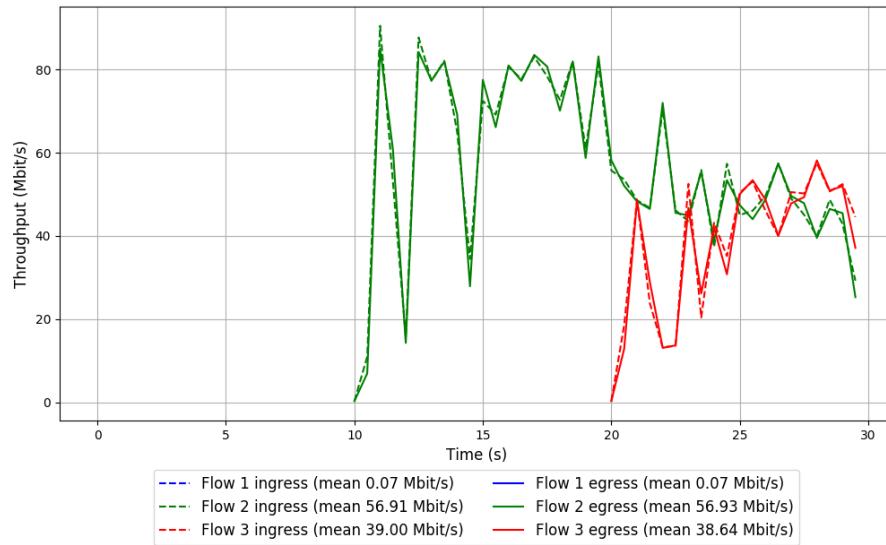


Run 2: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 02:23:03 +0000
End at: Tue, 01 Aug 2017 02:23:33 +0000
Local clock offset: 0.361 ms
Remote clock offset: 0.516 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 58.773 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 37.546 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 58.469 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 61.883 ms
Loss rate: 1.91%
```

Run 2: Report of QUIC Cubic — Data Link

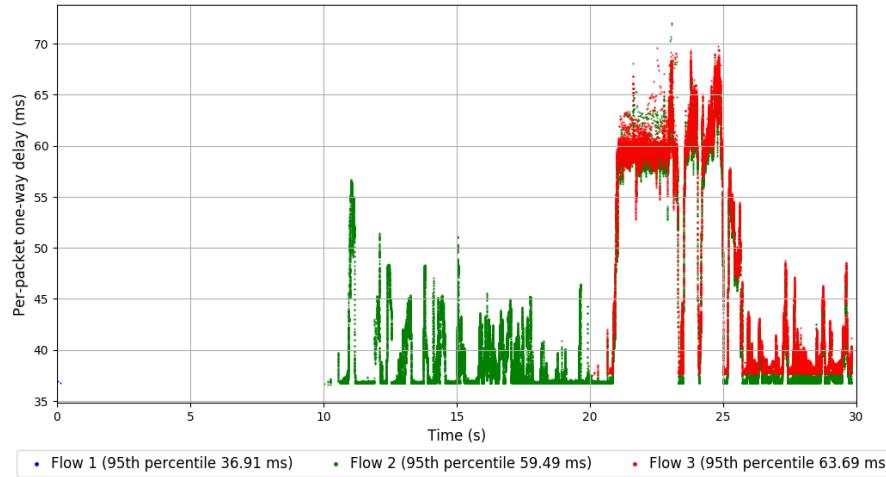
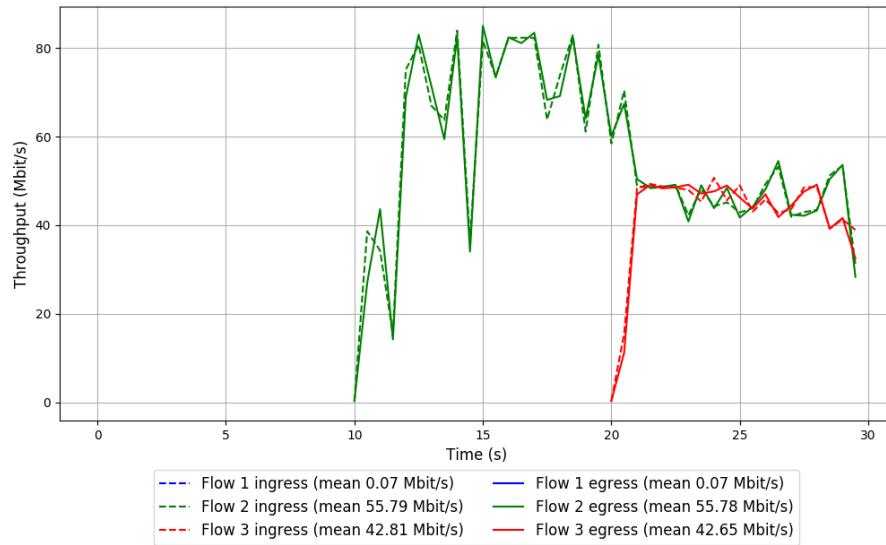


Run 3: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 02:44:02 +0000
End at: Tue, 01 Aug 2017 02:44:32 +0000
Local clock offset: 0.246 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.98 Mbit/s
95th percentile per-packet one-way delay: 61.407 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 36.913 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 55.78 Mbit/s
95th percentile per-packet one-way delay: 59.493 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 42.65 Mbit/s
95th percentile per-packet one-way delay: 63.685 ms
Loss rate: 1.25%
```

Run 3: Report of QUIC Cubic — Data Link

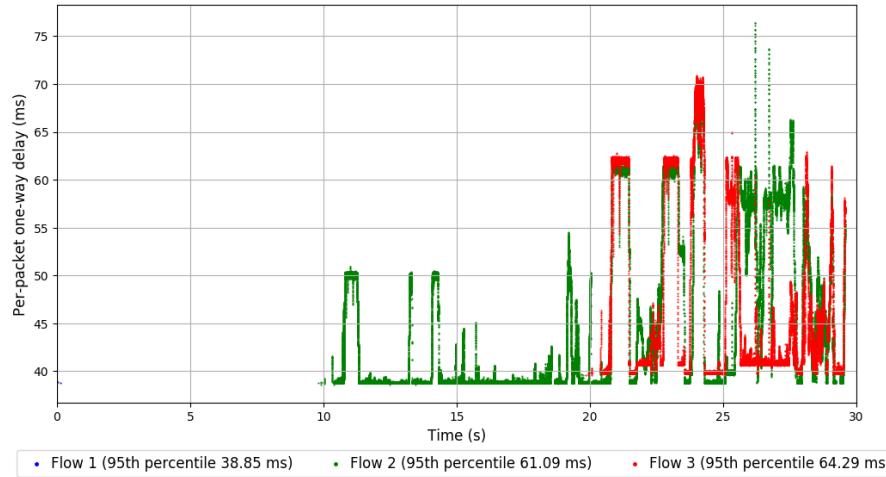
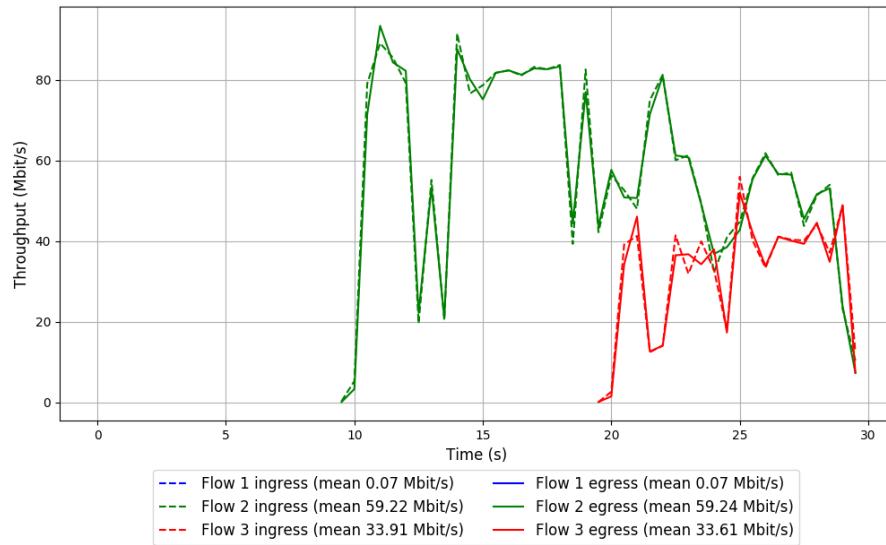


Run 4: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 03:05:19 +0000
End at: Tue, 01 Aug 2017 03:05:49 +0000
Local clock offset: 0.162 ms
Remote clock offset: -1.939 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.75 Mbit/s
95th percentile per-packet one-way delay: 62.041 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 38.848 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.24 Mbit/s
95th percentile per-packet one-way delay: 61.095 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 33.61 Mbit/s
95th percentile per-packet one-way delay: 64.286 ms
Loss rate: 1.75%
```

Run 4: Report of QUIC Cubic — Data Link

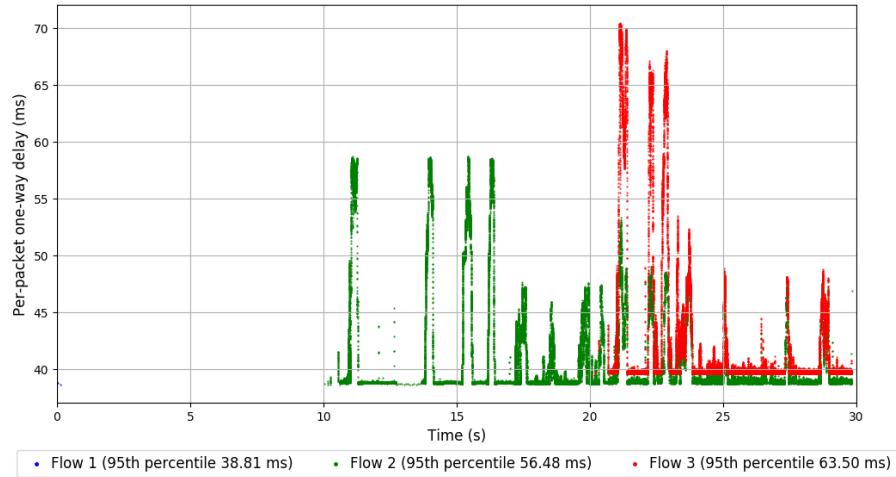
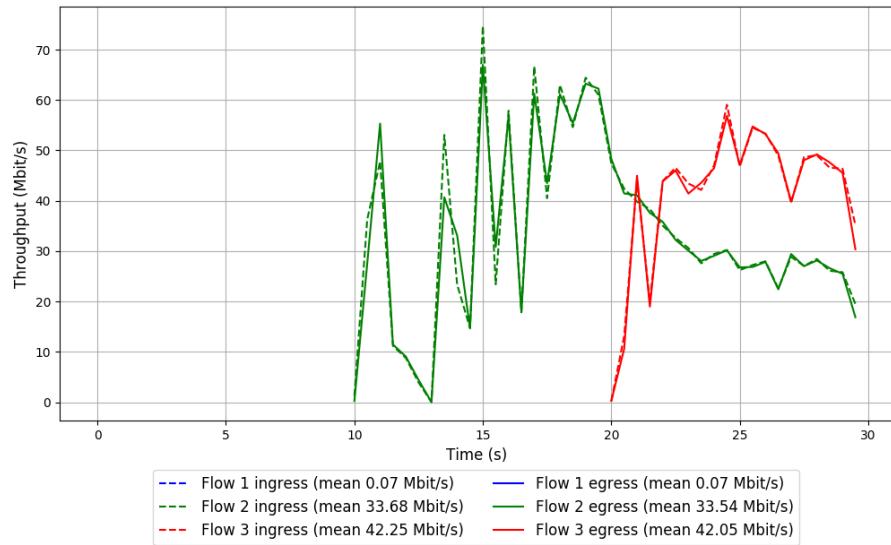


Run 5: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 03:26:23 +0000
End at: Tue, 01 Aug 2017 03:26:53 +0000
Local clock offset: -0.076 ms
Remote clock offset: -2.142 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.00 Mbit/s
95th percentile per-packet one-way delay: 57.518 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 38.809 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 56.483 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 42.05 Mbit/s
95th percentile per-packet one-way delay: 63.502 ms
Loss rate: 1.26%
```

Run 5: Report of QUIC Cubic — Data Link

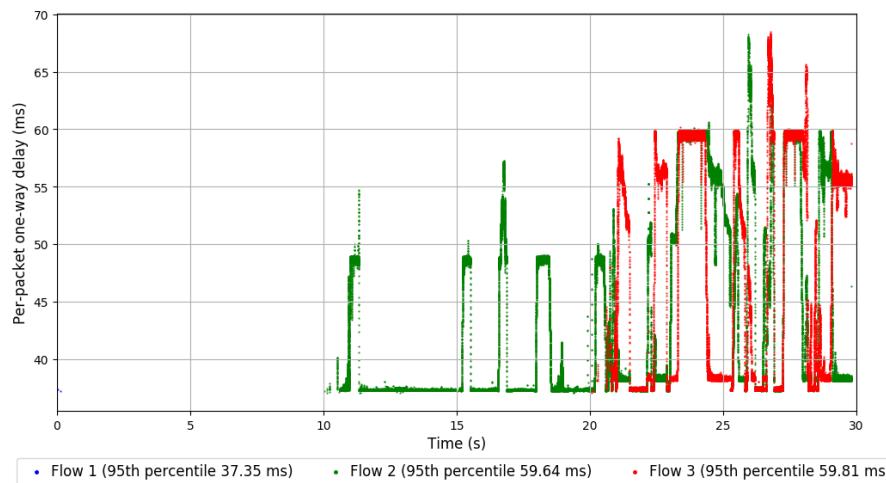
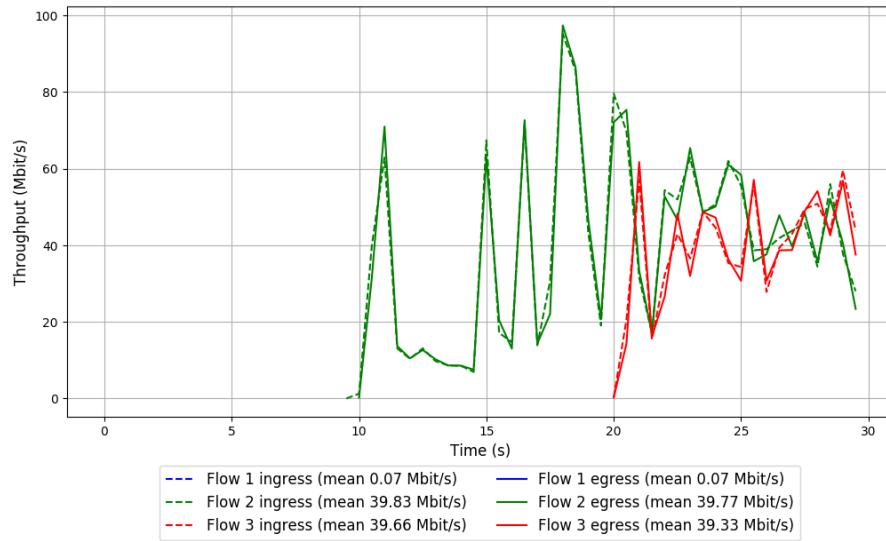


Run 6: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 03:47:29 +0000
End at: Tue, 01 Aug 2017 03:47:59 +0000
Local clock offset: -0.1 ms
Remote clock offset: 0.024 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 59.716 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 37.354 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 59.636 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 59.812 ms
Loss rate: 1.80%
```

Run 6: Report of QUIC Cubic — Data Link

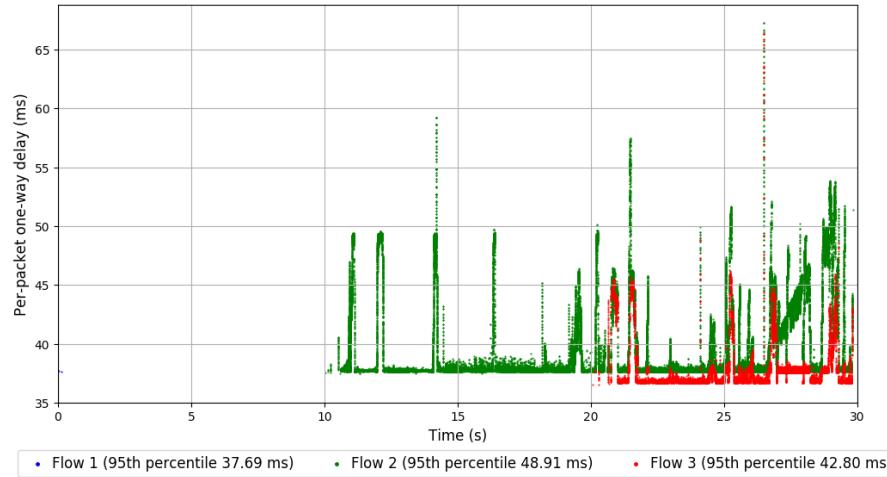
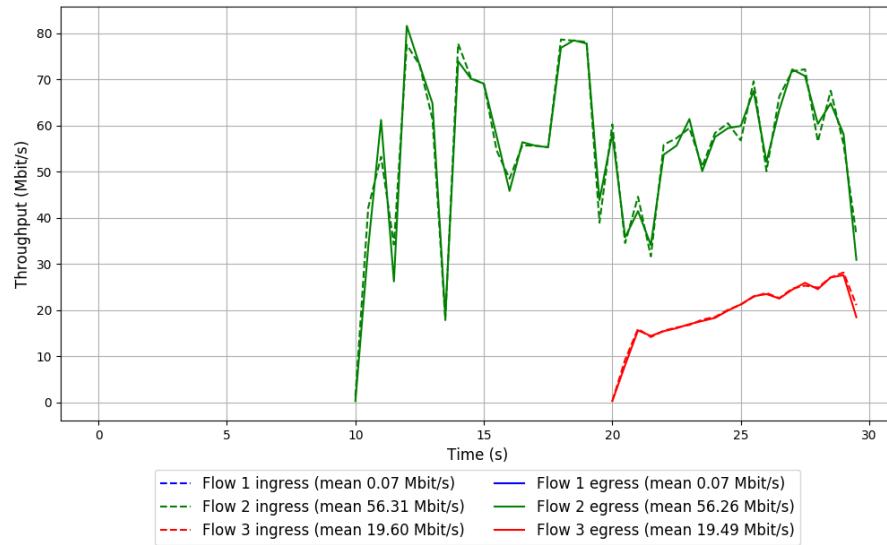


Run 7: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 04:08:45 +0000
End at: Tue, 01 Aug 2017 04:09:15 +0000
Local clock offset: -0.002 ms
Remote clock offset: -0.696 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 48.732 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 37.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 48.915 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 19.49 Mbit/s
95th percentile per-packet one-way delay: 42.802 ms
Loss rate: 1.39%
```

Run 7: Report of QUIC Cubic — Data Link

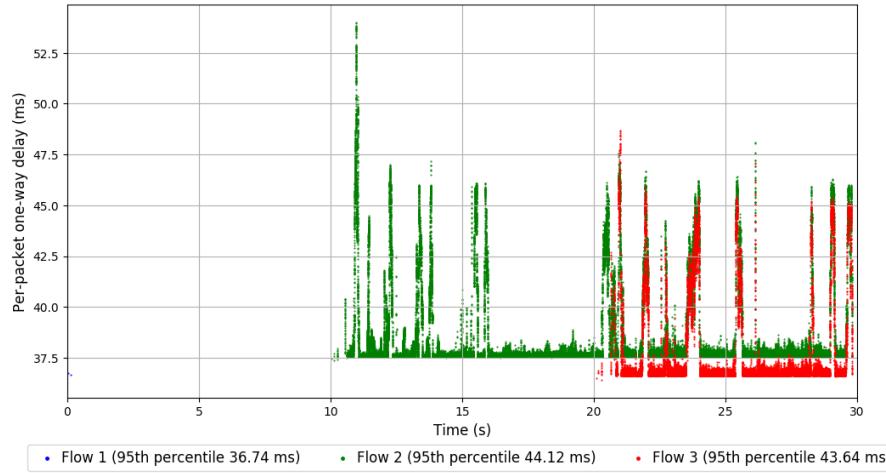
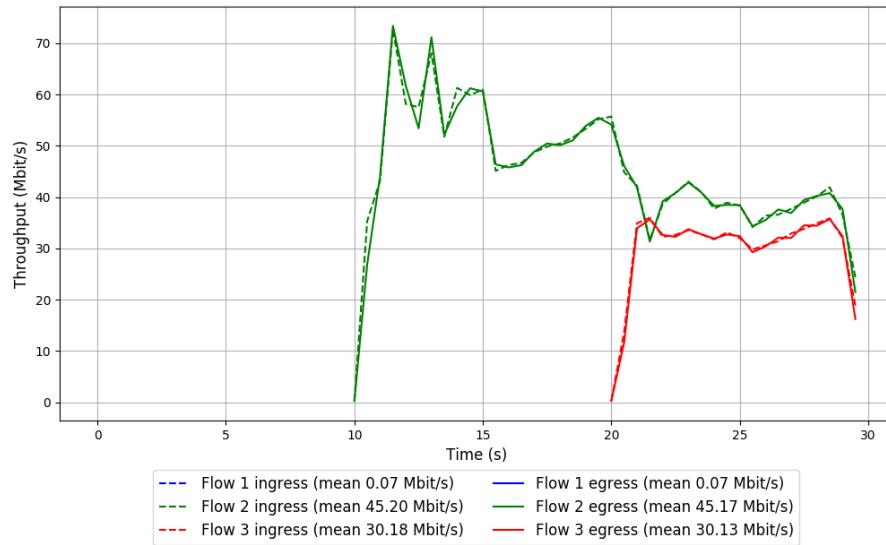


Run 8: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 04:29:57 +0000
End at: Tue, 01 Aug 2017 04:30:27 +0000
Local clock offset: 0.08 ms
Remote clock offset: -0.802 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.84 Mbit/s
95th percentile per-packet one-way delay: 43.953 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 36.745 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.17 Mbit/s
95th percentile per-packet one-way delay: 44.121 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 30.13 Mbit/s
95th percentile per-packet one-way delay: 43.640 ms
Loss rate: 1.03%
```

Run 8: Report of QUIC Cubic — Data Link

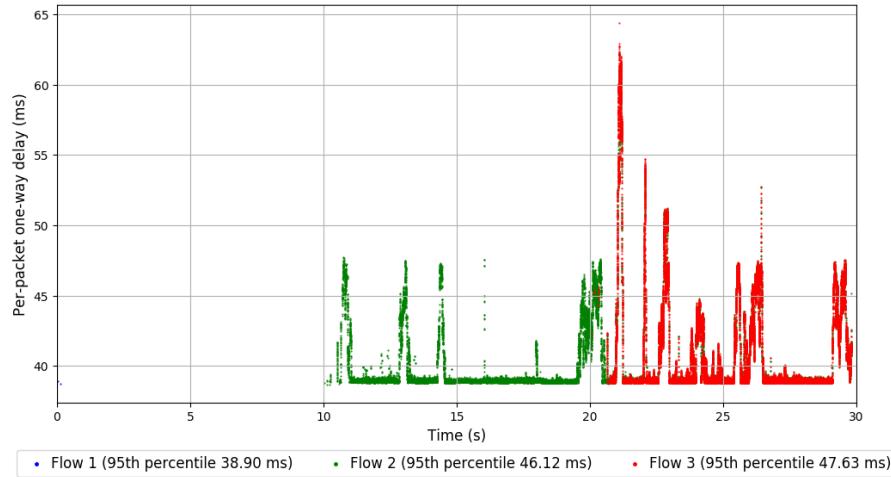
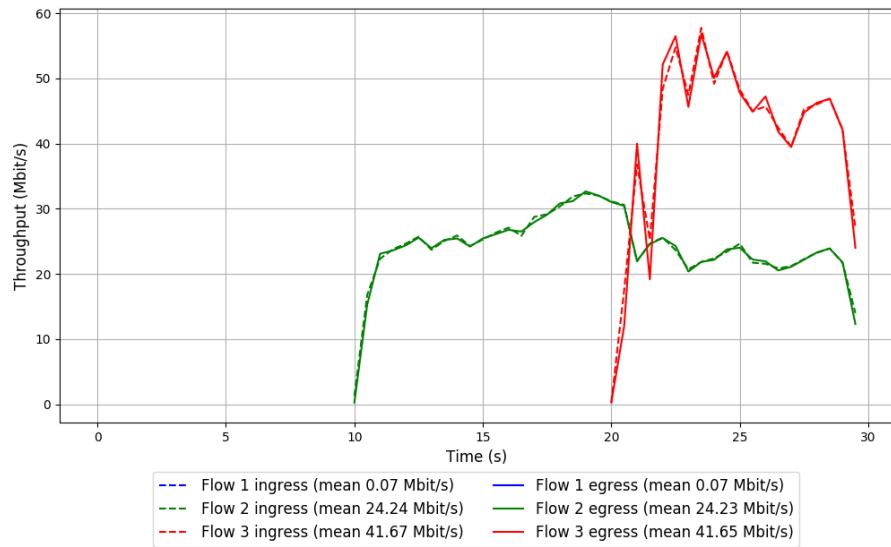


Run 9: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 04:51:27 +0000
End at: Tue, 01 Aug 2017 04:51:57 +0000
Local clock offset: 0.11 ms
Remote clock offset: -3.053 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.71 Mbit/s
95th percentile per-packet one-way delay: 46.666 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 38.899 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.23 Mbit/s
95th percentile per-packet one-way delay: 46.123 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 41.65 Mbit/s
95th percentile per-packet one-way delay: 47.635 ms
Loss rate: 0.97%
```

Run 9: Report of QUIC Cubic — Data Link

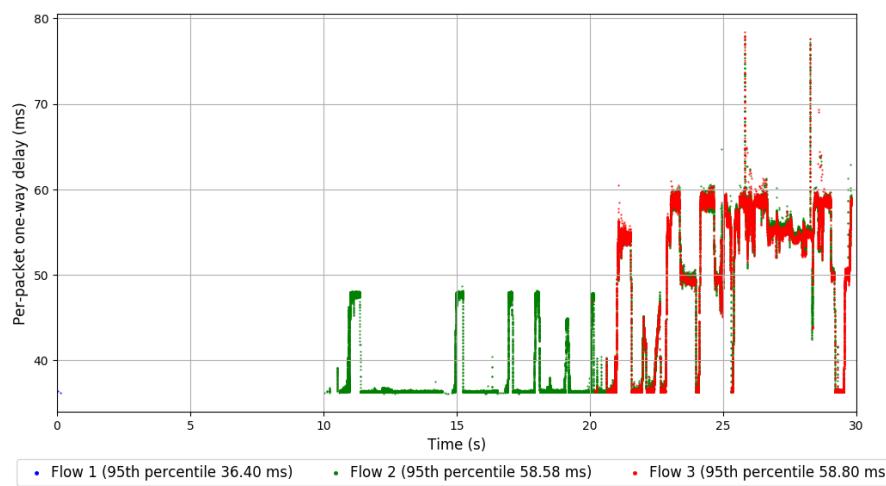
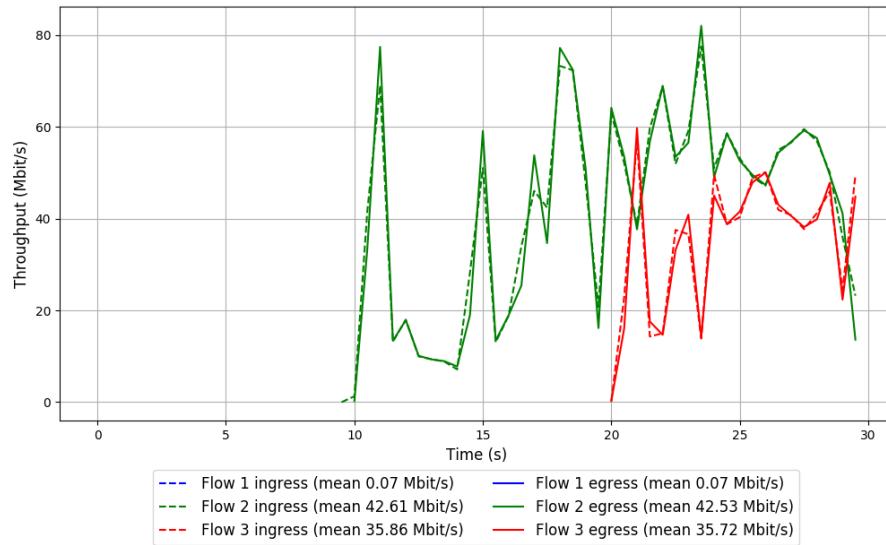


Run 10: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 05:12:39 +0000
End at: Tue, 01 Aug 2017 05:13:09 +0000
Local clock offset: 0.279 ms
Remote clock offset: -0.508 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.94 Mbit/s
95th percentile per-packet one-way delay: 58.659 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 36.404 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.53 Mbit/s
95th percentile per-packet one-way delay: 58.580 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 58.804 ms
Loss rate: 1.49%
```

Run 10: Report of QUIC Cubic — Data Link

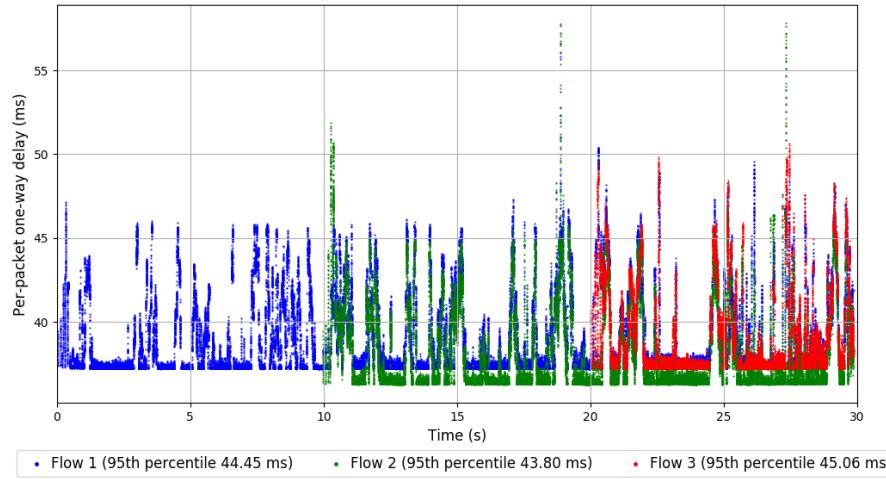
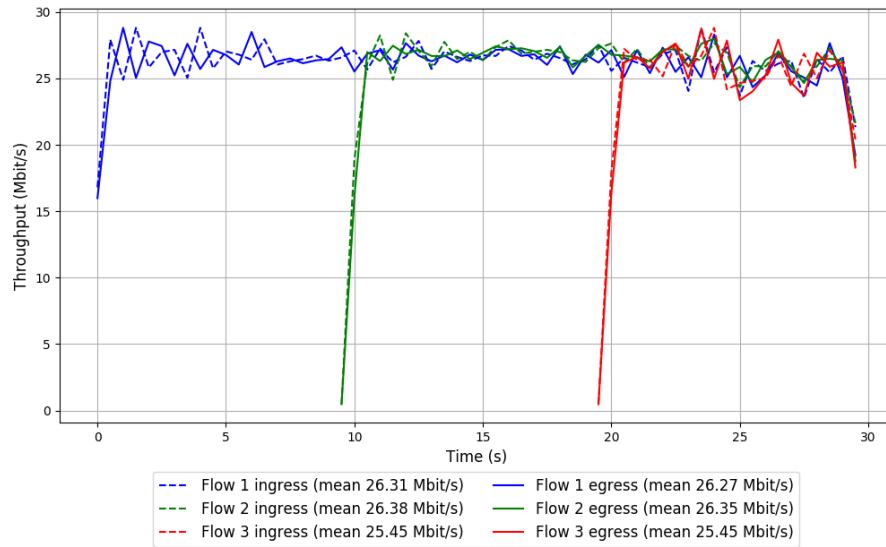


Run 1: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 01:44:33 +0000
End at: Tue, 01 Aug 2017 01:45:03 +0000
Local clock offset: 0.683 ms
Remote clock offset: 0.921 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.23 Mbit/s
95th percentile per-packet one-way delay: 44.366 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 26.27 Mbit/s
95th percentile per-packet one-way delay: 44.452 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 43.801 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 25.45 Mbit/s
95th percentile per-packet one-way delay: 45.060 ms
Loss rate: 0.94%
```

Run 1: Report of Saturator — Data Link

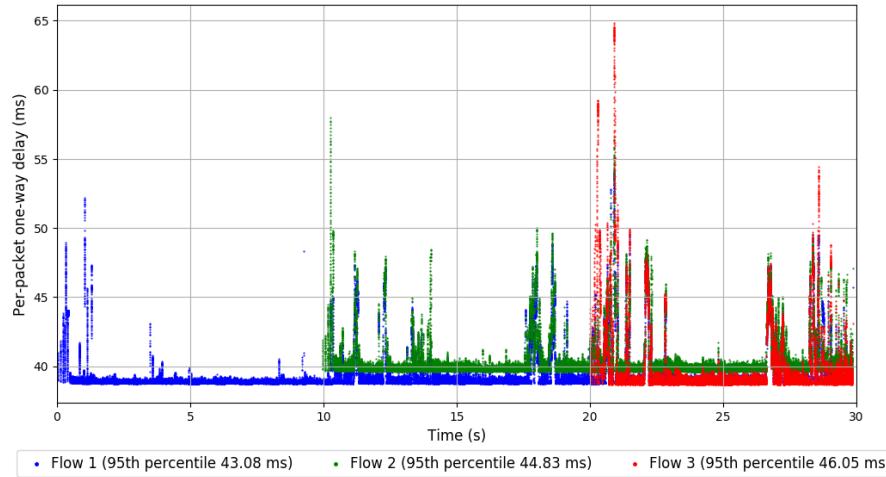
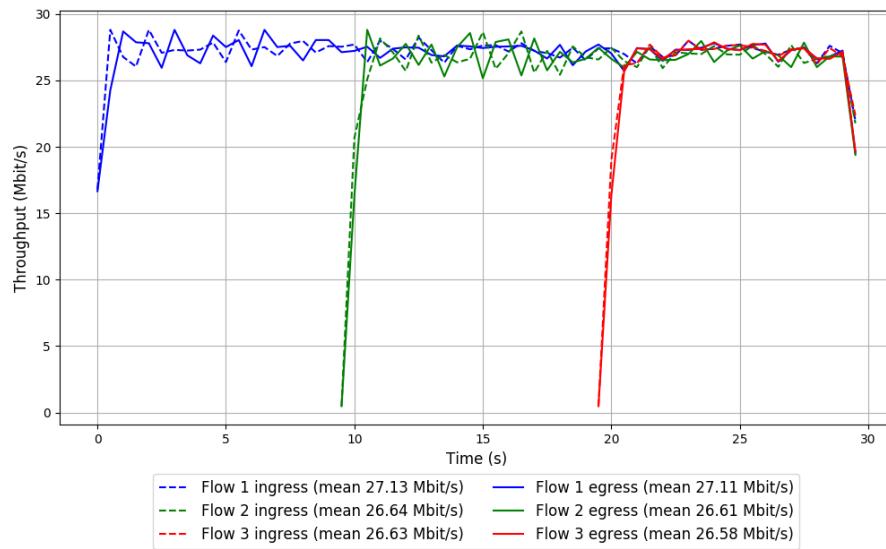


Run 2: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 02:06:09 +0000
End at: Tue, 01 Aug 2017 02:06:39 +0000
Local clock offset: 0.583 ms
Remote clock offset: -1.695 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.65 Mbit/s
95th percentile per-packet one-way delay: 44.223 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 27.11 Mbit/s
95th percentile per-packet one-way delay: 43.084 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 44.834 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 46.050 ms
Loss rate: 0.99%
```

Run 2: Report of Saturator — Data Link

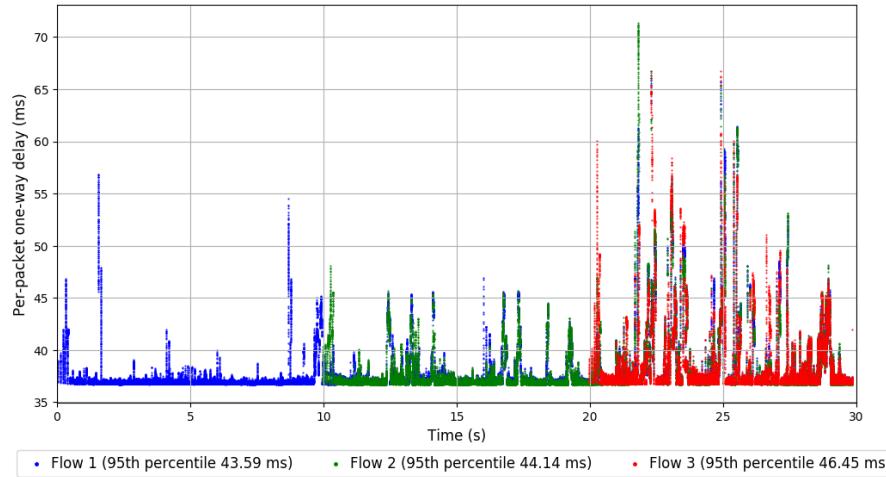
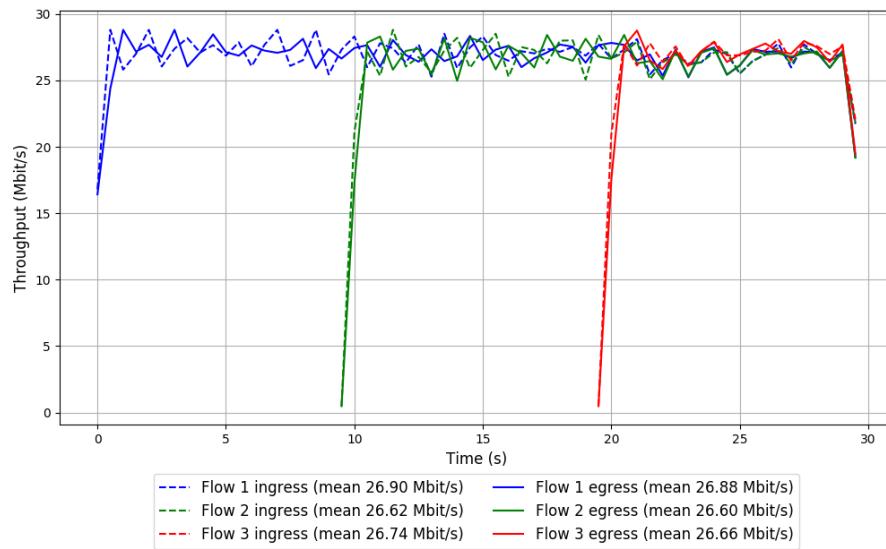


Run 3: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 02:27:10 +0000
End at: Tue, 01 Aug 2017 02:27:40 +0000
Local clock offset: 0.36 ms
Remote clock offset: 0.047 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.44 Mbit/s
95th percentile per-packet one-way delay: 44.443 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 43.585 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 26.60 Mbit/s
95th percentile per-packet one-way delay: 44.136 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 26.66 Mbit/s
95th percentile per-packet one-way delay: 46.455 ms
Loss rate: 1.17%
```

Run 3: Report of Saturator — Data Link

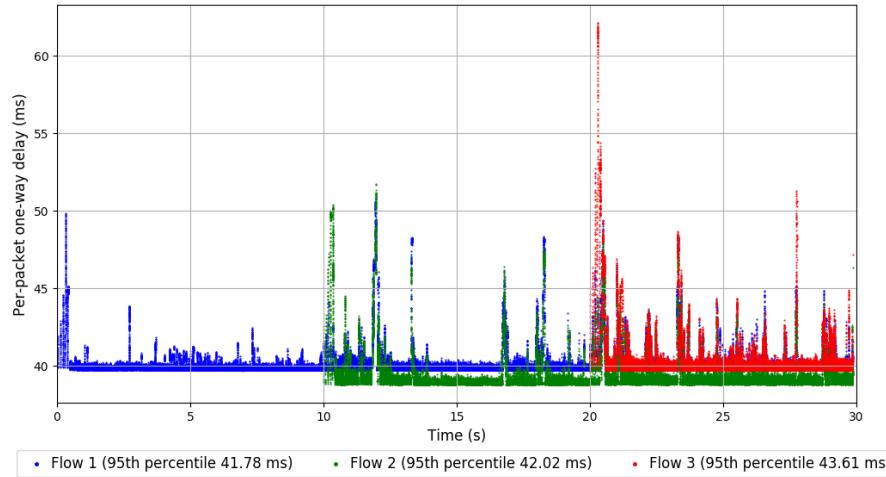
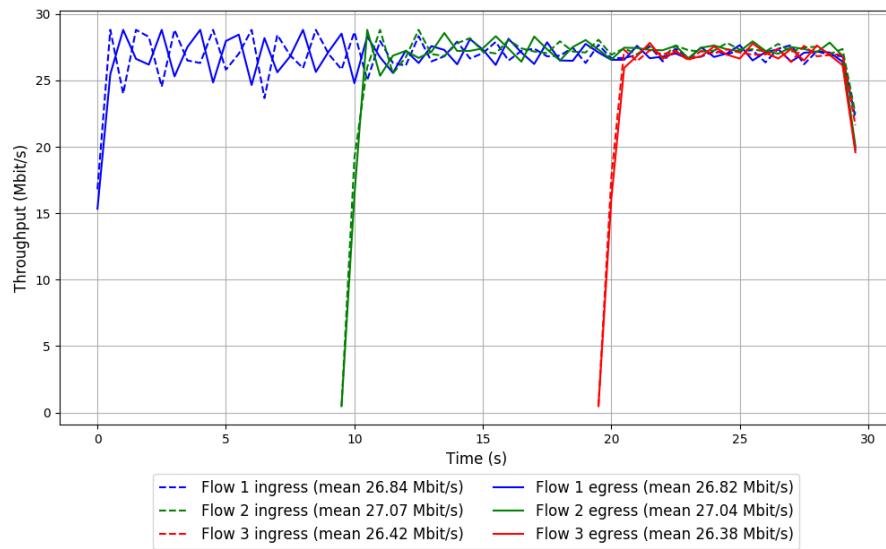


Run 4: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 02:48:10 +0000
End at: Tue, 01 Aug 2017 02:48:40 +0000
Local clock offset: 0.226 ms
Remote clock offset: -2.042 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.57 Mbit/s
95th percentile per-packet one-way delay: 42.209 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 26.82 Mbit/s
95th percentile per-packet one-way delay: 41.784 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 42.024 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 26.38 Mbit/s
95th percentile per-packet one-way delay: 43.609 ms
Loss rate: 0.96%
```

Run 4: Report of Saturator — Data Link

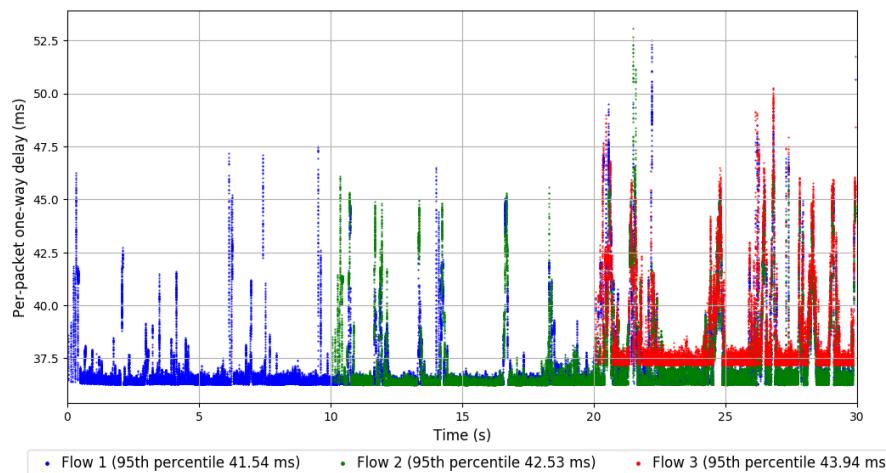
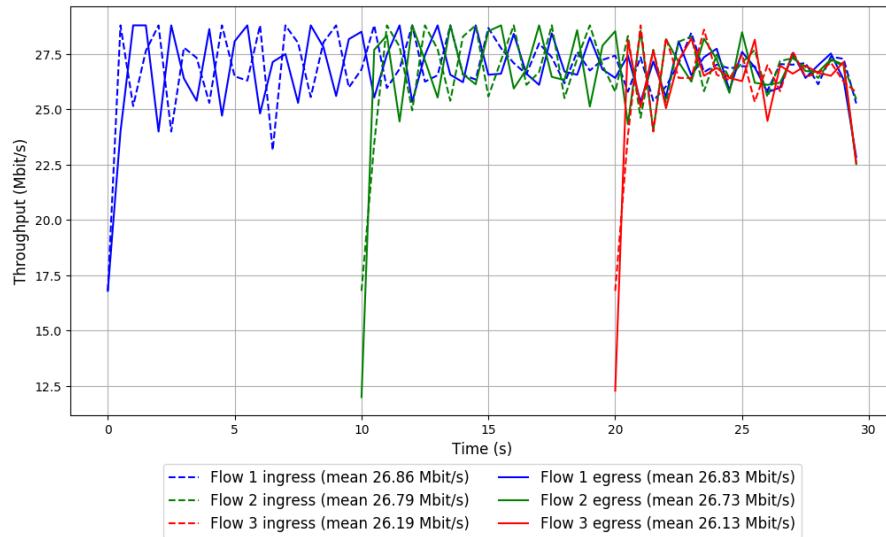


Run 5: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 03:09:26 +0000
End at: Tue, 01 Aug 2017 03:09:56 +0000
Local clock offset: 0.035 ms
Remote clock offset: 0.497 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.22 Mbit/s
95th percentile per-packet one-way delay: 42.463 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 26.83 Mbit/s
95th percentile per-packet one-way delay: 41.536 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 26.73 Mbit/s
95th percentile per-packet one-way delay: 42.527 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 26.13 Mbit/s
95th percentile per-packet one-way delay: 43.940 ms
Loss rate: 1.08%
```

Run 5: Report of Saturator — Data Link

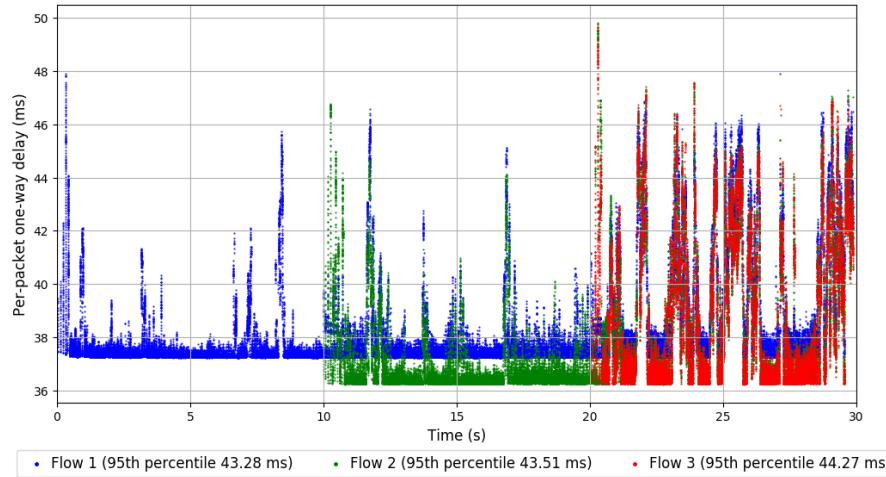
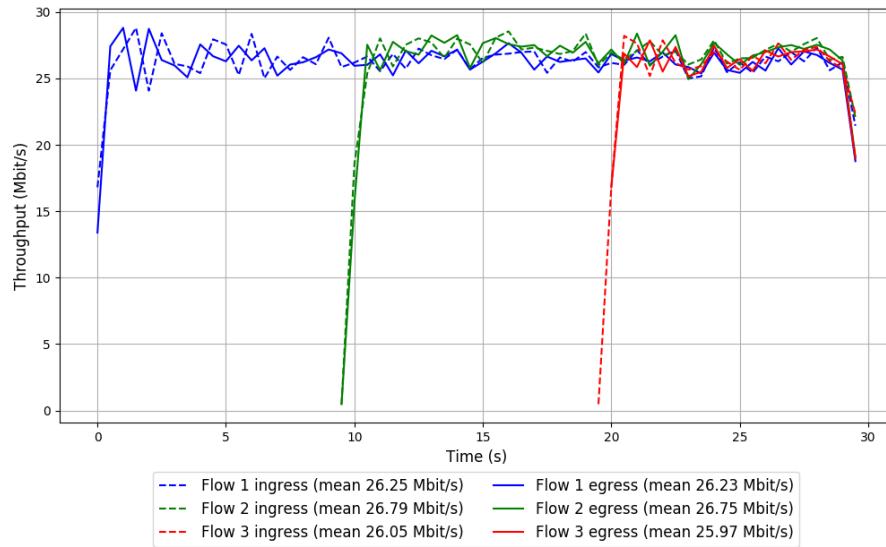


Run 6: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 03:30:32 +0000
End at: Tue, 01 Aug 2017 03:31:02 +0000
Local clock offset: -0.026 ms
Remote clock offset: 0.36 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.66 Mbit/s
95th percentile per-packet one-way delay: 43.615 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 26.23 Mbit/s
95th percentile per-packet one-way delay: 43.279 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 26.75 Mbit/s
95th percentile per-packet one-way delay: 43.507 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 25.97 Mbit/s
95th percentile per-packet one-way delay: 44.265 ms
Loss rate: 1.12%
```

Run 6: Report of Saturator — Data Link

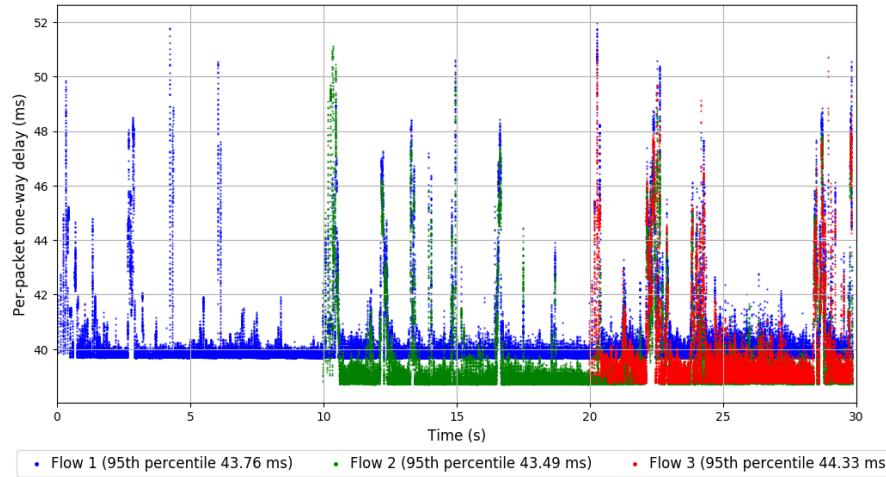
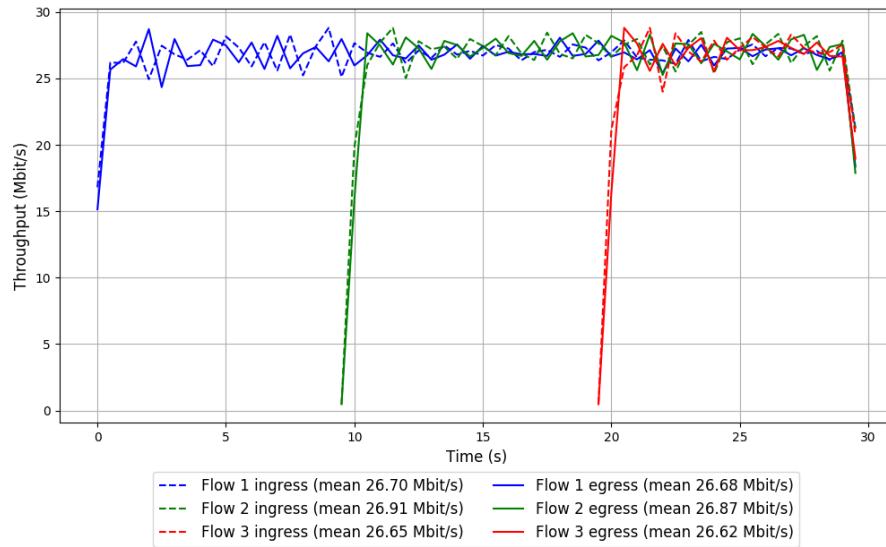


Run 7: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 03:51:35 +0000
End at: Tue, 01 Aug 2017 03:52:05 +0000
Local clock offset: -0.129 ms
Remote clock offset: -2.5 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 05:59:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.40 Mbit/s
95th percentile per-packet one-way delay: 43.829 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 26.68 Mbit/s
95th percentile per-packet one-way delay: 43.756 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 43.490 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 44.328 ms
Loss rate: 0.98%
```

Run 7: Report of Saturator — Data Link

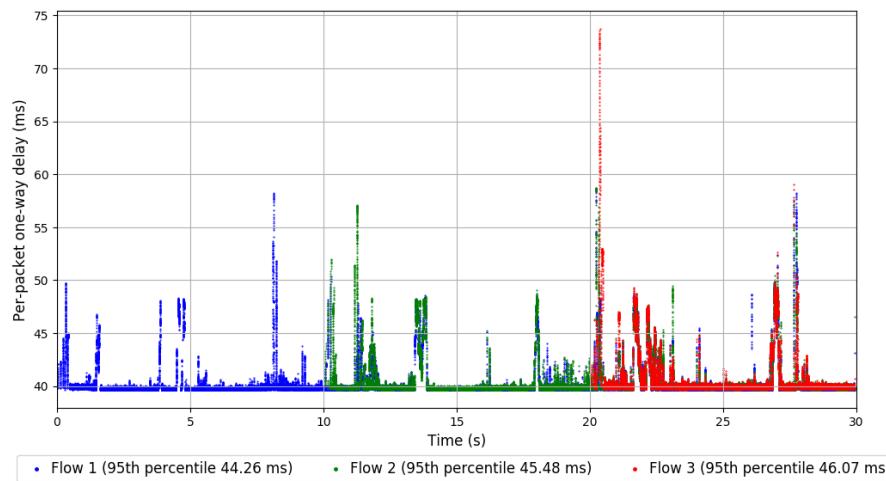
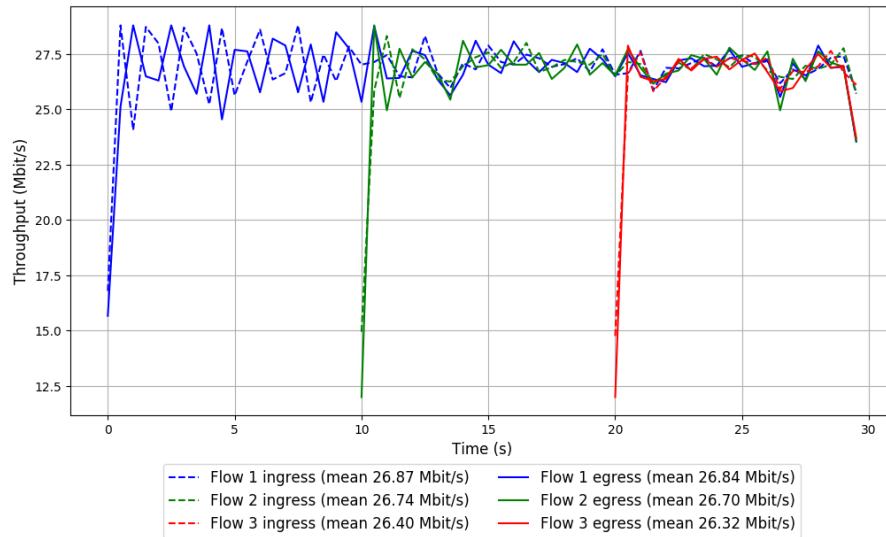


Run 8: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 04:12:53 +0000
End at: Tue, 01 Aug 2017 04:13:23 +0000
Local clock offset: 0.117 ms
Remote clock offset: -2.651 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.27 Mbit/s
95th percentile per-packet one-way delay: 44.874 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 44.264 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 26.70 Mbit/s
95th percentile per-packet one-way delay: 45.484 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 46.068 ms
Loss rate: 1.03%
```

Run 8: Report of Saturator — Data Link

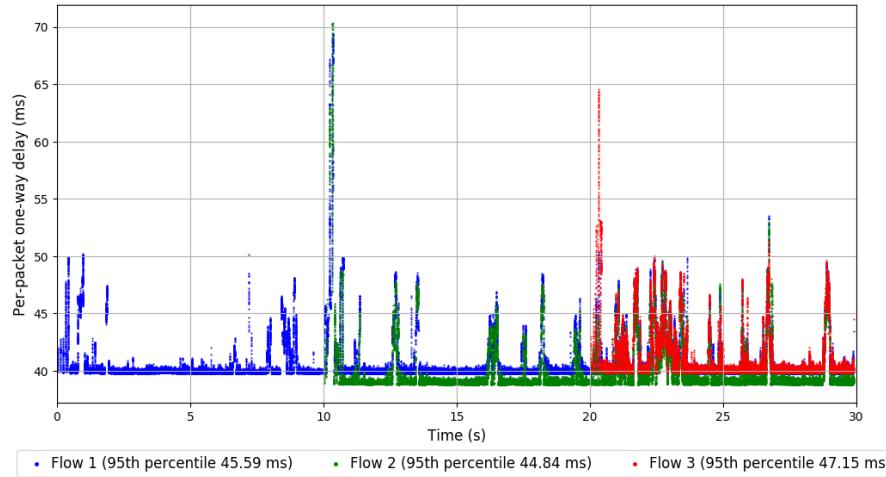
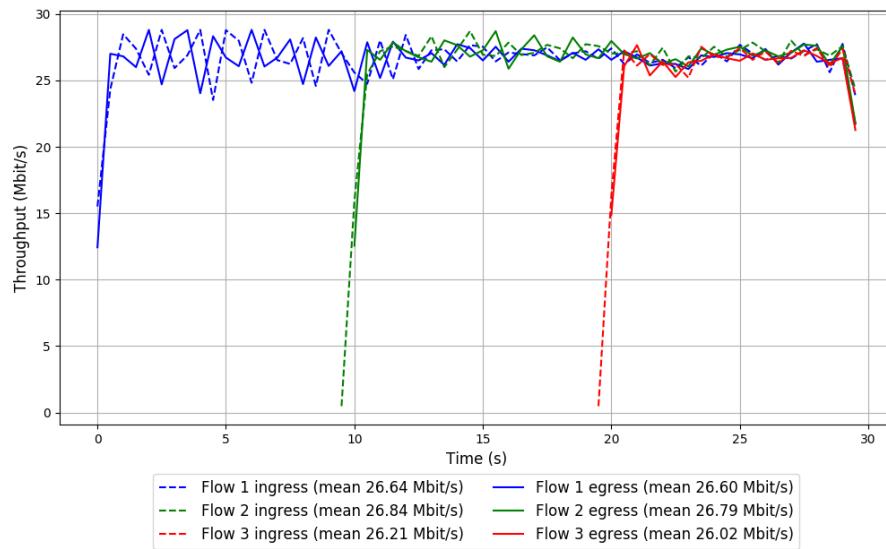


Run 9: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 04:34:09 +0000
End at: Tue, 01 Aug 2017 04:34:39 +0000
Local clock offset: 0.178 ms
Remote clock offset: -2.909 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.04 Mbit/s
95th percentile per-packet one-way delay: 45.607 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 26.60 Mbit/s
95th percentile per-packet one-way delay: 45.593 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 44.842 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 26.02 Mbit/s
95th percentile per-packet one-way delay: 47.153 ms
Loss rate: 1.55%
```

Run 9: Report of Saturator — Data Link

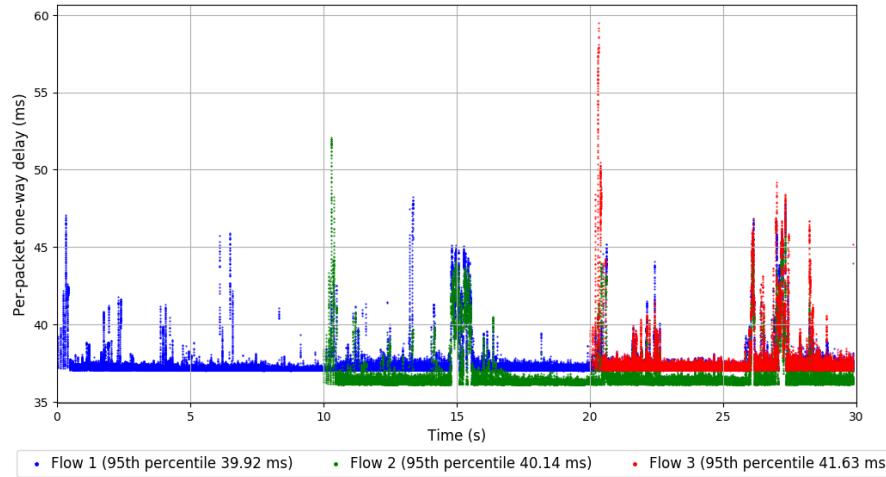
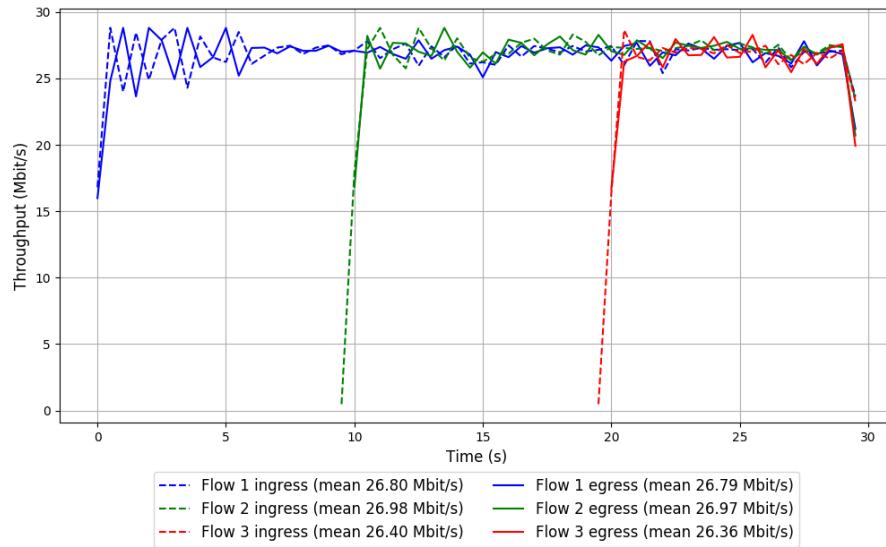


Run 10: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 04:55:33 +0000
End at: Tue, 01 Aug 2017 04:56:03 +0000
Local clock offset: 0.135 ms
Remote clock offset: -0.336 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.48 Mbit/s
95th percentile per-packet one-way delay: 40.310 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 39.918 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 26.97 Mbit/s
95th percentile per-packet one-way delay: 40.141 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 26.36 Mbit/s
95th percentile per-packet one-way delay: 41.633 ms
Loss rate: 0.93%
```

Run 10: Report of Saturator — Data Link

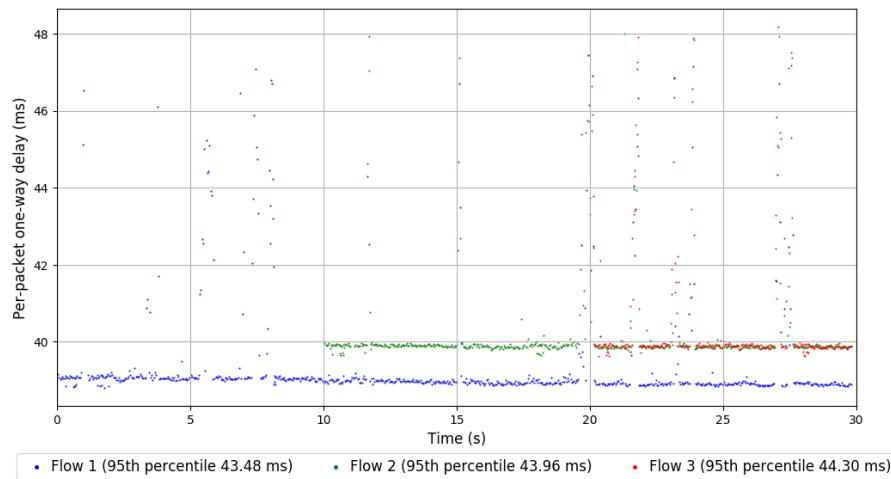
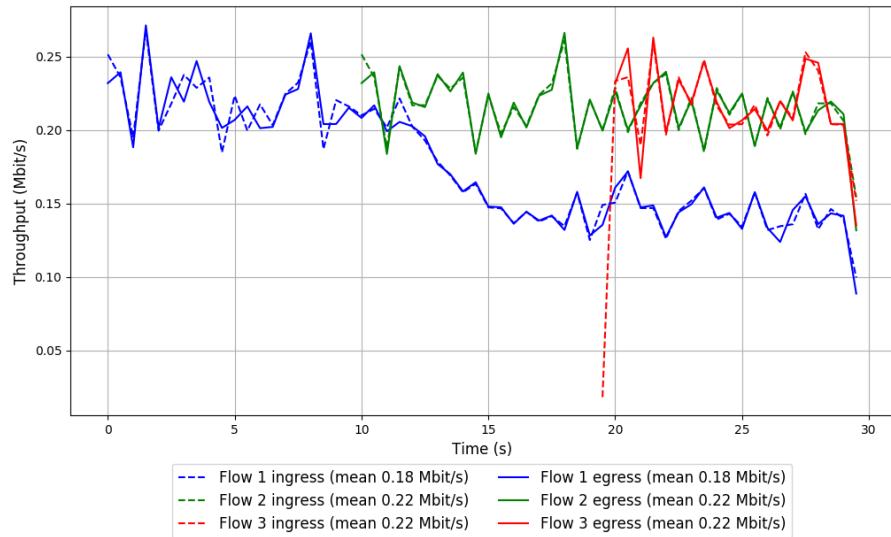


Run 1: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 01:51:43 +0000
End at: Tue, 01 Aug 2017 01:52:13 +0000
Local clock offset: 0.721 ms
Remote clock offset: -1.742 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 43.776 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 43.483 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 43.958 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.299 ms
Loss rate: 0.76%
```

Run 1: Report of SCReAM — Data Link

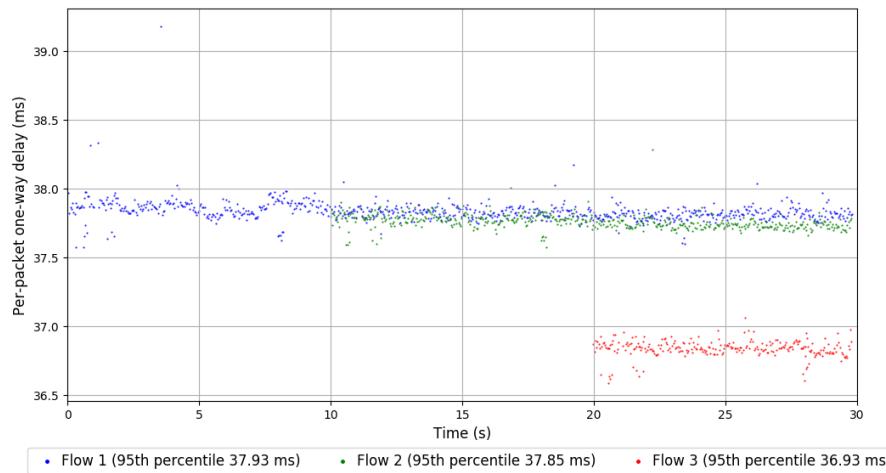
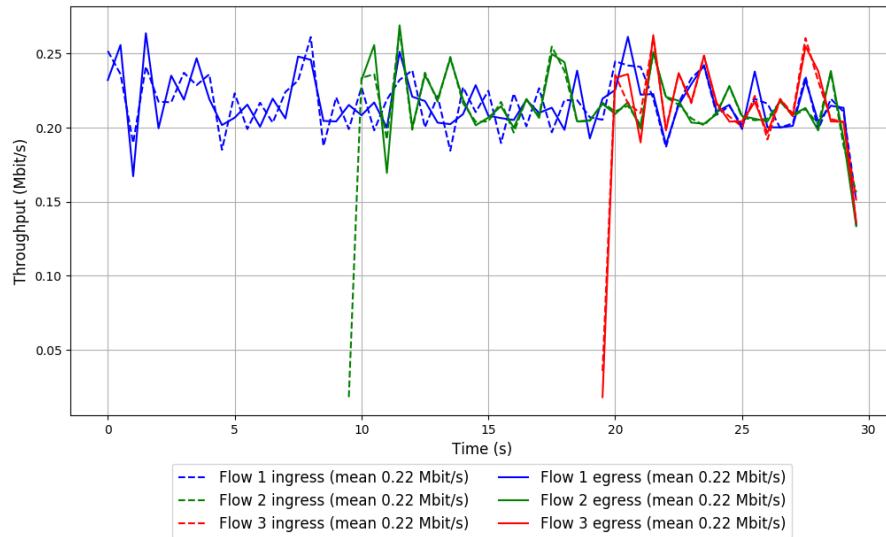


Run 2: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 02:13:10 +0000
End at: Tue, 01 Aug 2017 02:13:40 +0000
Local clock offset: 0.508 ms
Remote clock offset: 0.117 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.905 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.933 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.846 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.928 ms
Loss rate: 0.74%
```

Run 2: Report of SCReAM — Data Link

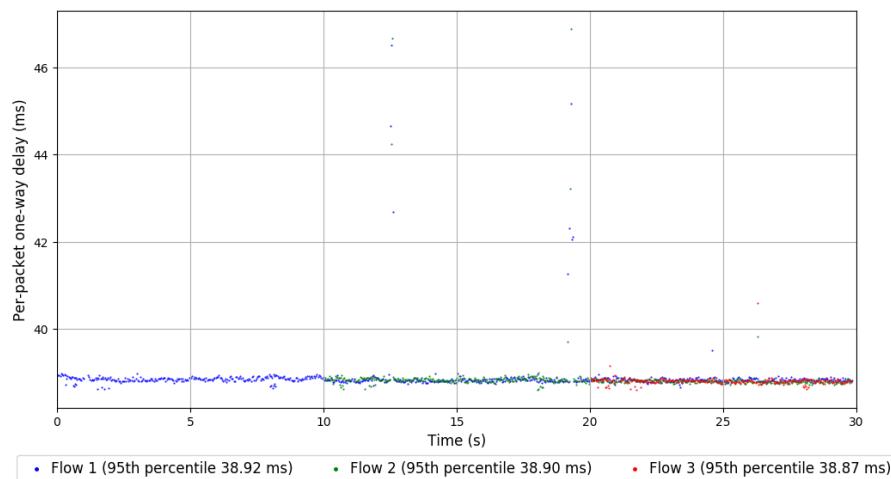
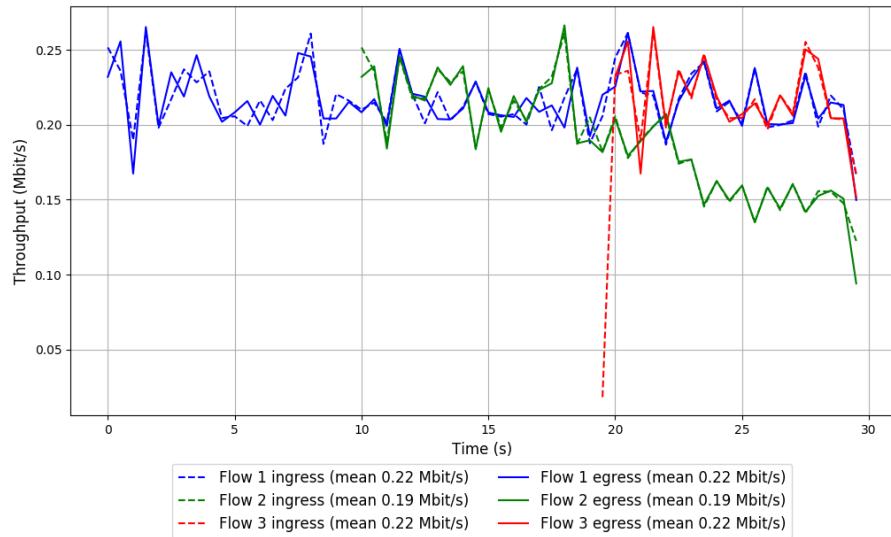


Run 3: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 02:34:13 +0000
End at: Tue, 01 Aug 2017 02:34:43 +0000
Local clock offset: 0.302 ms
Remote clock offset: -2.12 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 38.912 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.921 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 38.904 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.868 ms
Loss rate: 0.73%
```

Run 3: Report of SCReAM — Data Link

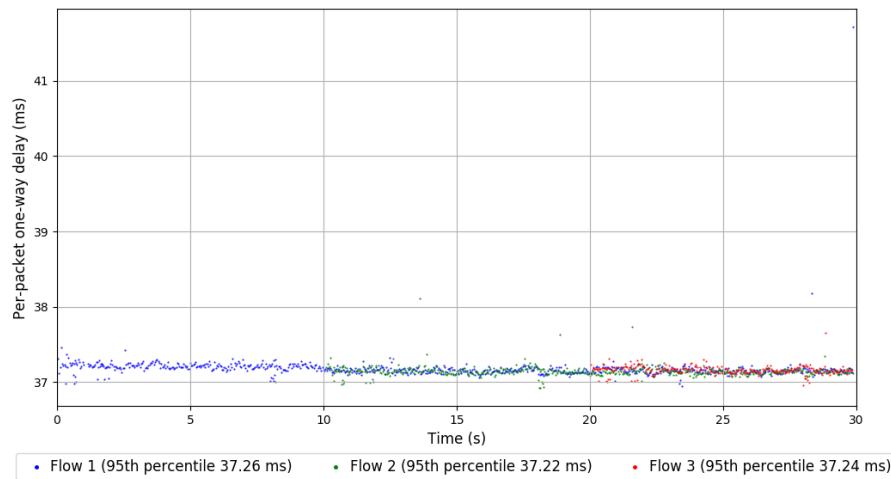
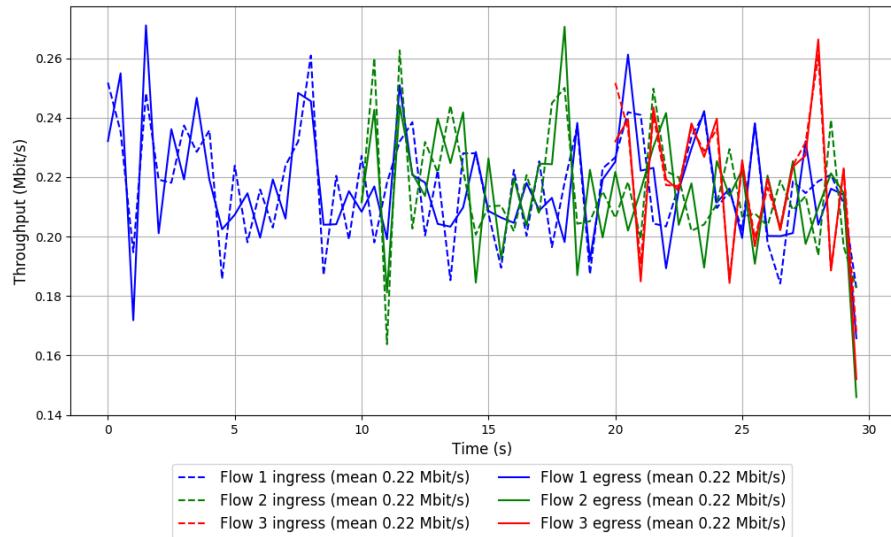


Run 4: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 02:55:21 +0000
End at: Tue, 01 Aug 2017 02:55:51 +0000
Local clock offset: 0.167 ms
Remote clock offset: 0.564 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.246 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.259 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.217 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.238 ms
Loss rate: 0.74%
```

Run 4: Report of SCReAM — Data Link

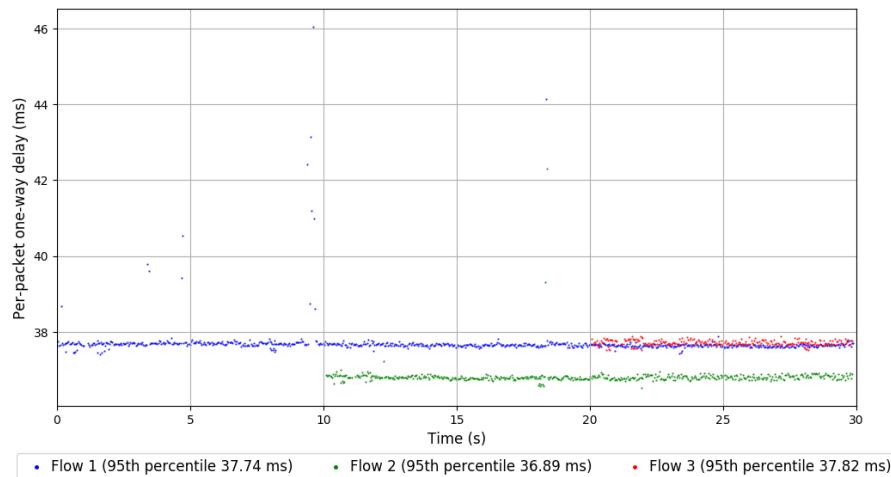
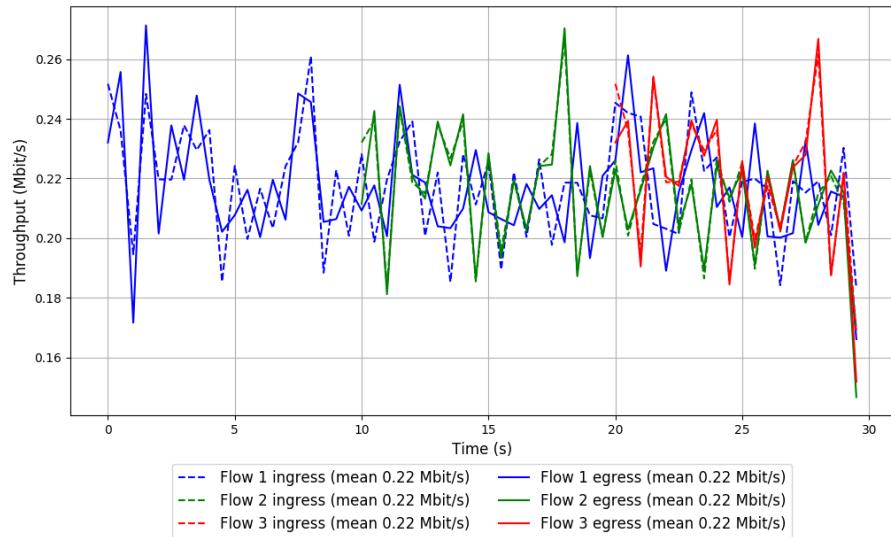


Run 5: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 03:16:30 +0000
End at: Tue, 01 Aug 2017 03:17:00 +0000
Local clock offset: 0.079 ms
Remote clock offset: 0.072 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 37.777 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.745 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.893 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.823 ms
Loss rate: 0.74%
```

Run 5: Report of SCReAM — Data Link

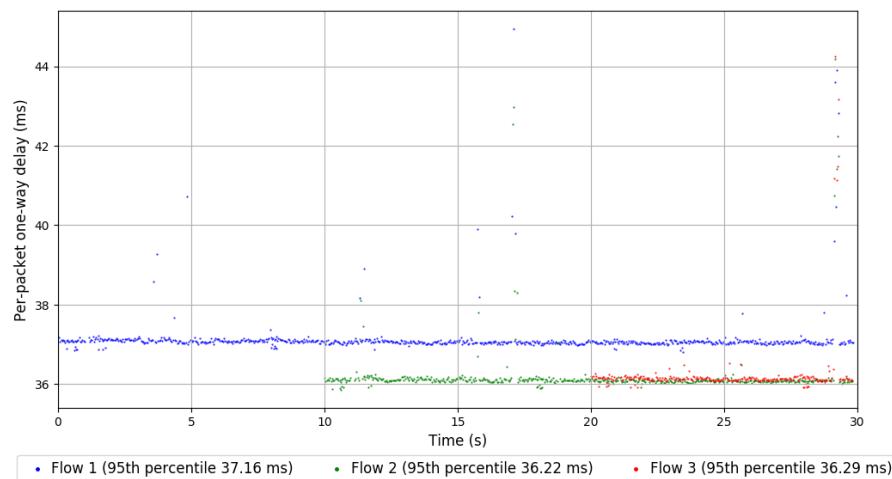
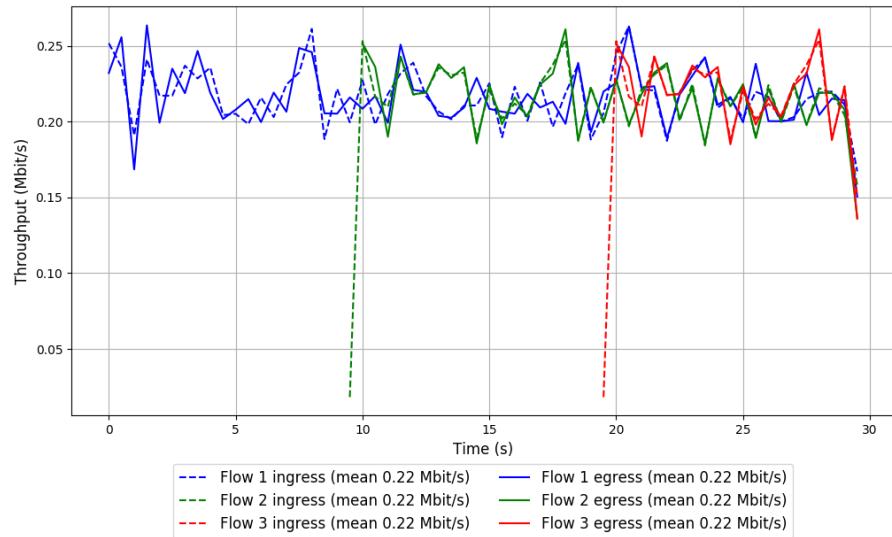


Run 6: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 03:37:36 +0000
End at: Tue, 01 Aug 2017 03:38:06 +0000
Local clock offset: -0.131 ms
Remote clock offset: 0.366 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 37.139 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.163 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.218 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.291 ms
Loss rate: 0.74%
```

Run 6: Report of SCReAM — Data Link

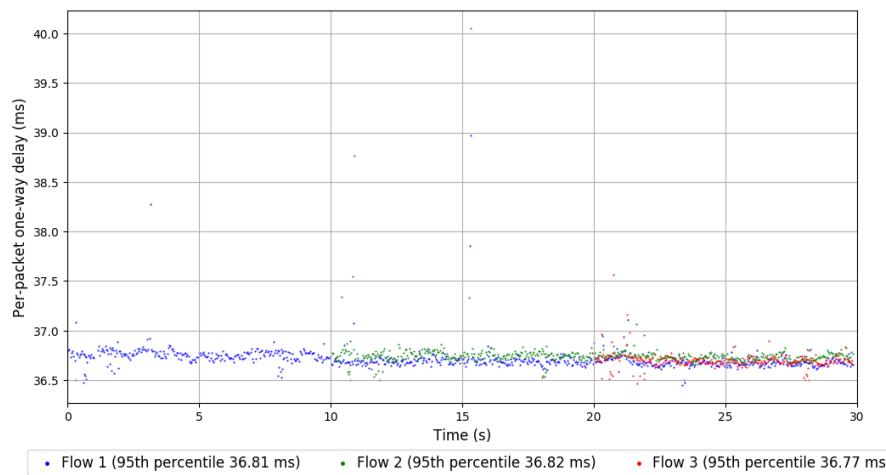
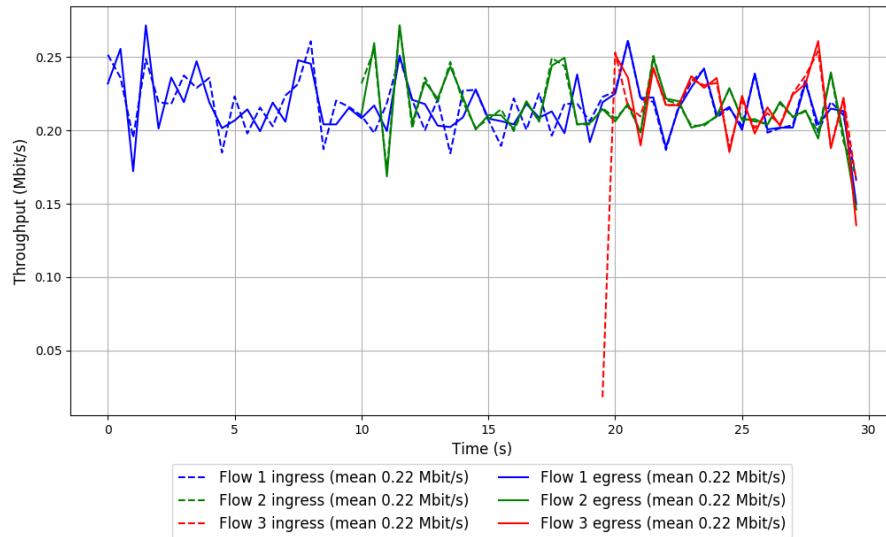


Run 7: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 03:58:41 +0000
End at: Tue, 01 Aug 2017 03:59:11 +0000
Local clock offset: -0.056 ms
Remote clock offset: -0.506 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 36.813 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.808 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.820 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.769 ms
Loss rate: 1.08%
```

Run 7: Report of SCReAM — Data Link

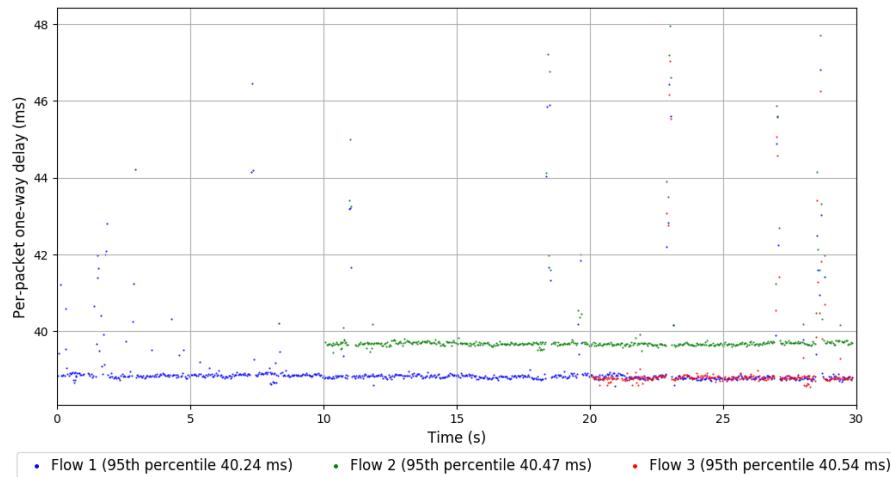
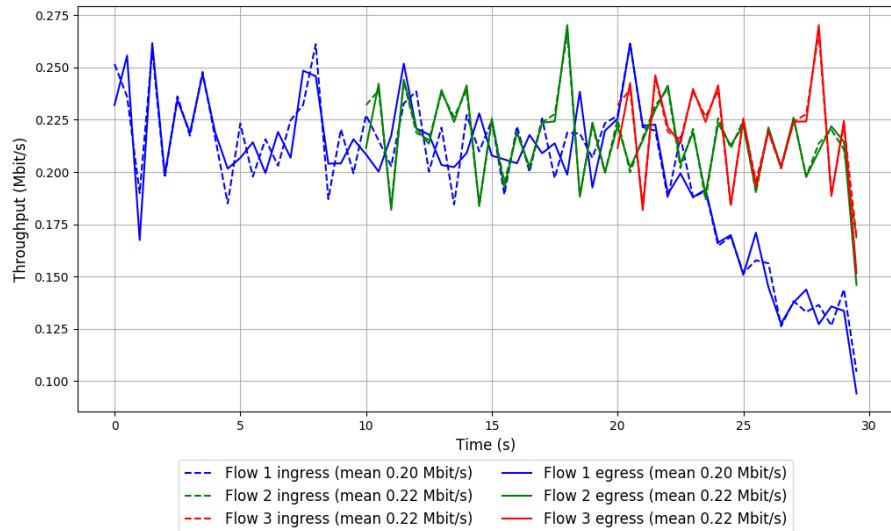


Run 8: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 04:19:57 +0000
End at: Tue, 01 Aug 2017 04:20:27 +0000
Local clock offset: 0.068 ms
Remote clock offset: -2.748 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 40.467 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 40.237 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 40.470 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 40.536 ms
Loss rate: 0.76%
```

Run 8: Report of SCReAM — Data Link

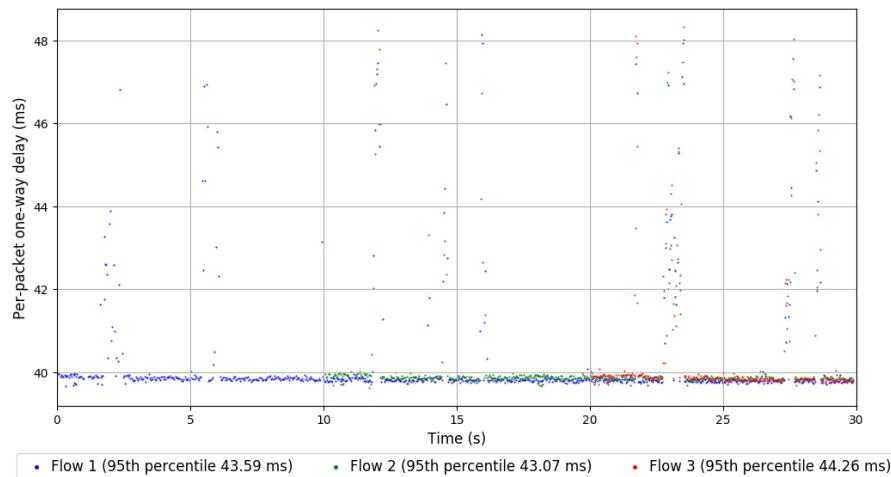
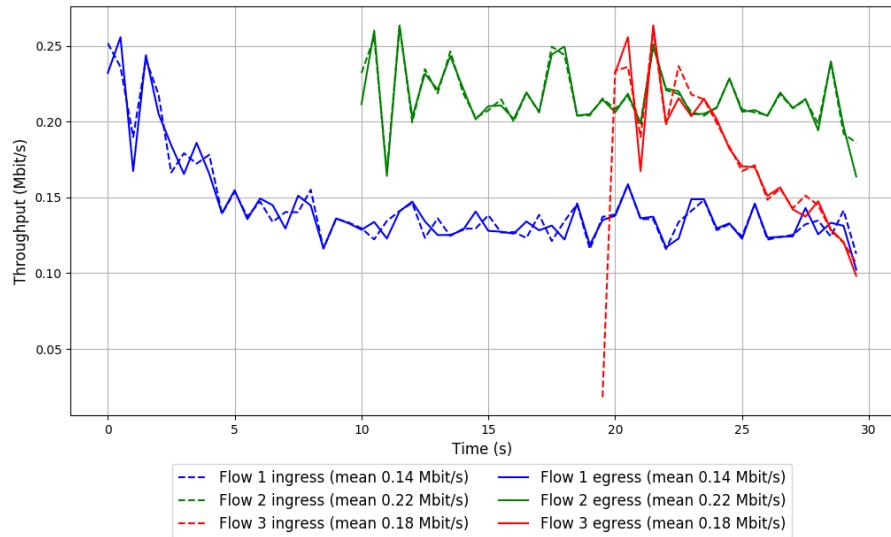


Run 9: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 04:41:25 +0000
End at: Tue, 01 Aug 2017 04:41:55 +0000
Local clock offset: 0.216 ms
Remote clock offset: -2.975 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 43.585 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 43.585 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 43.070 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 44.257 ms
Loss rate: 1.82%
```

Run 9: Report of SCReAM — Data Link

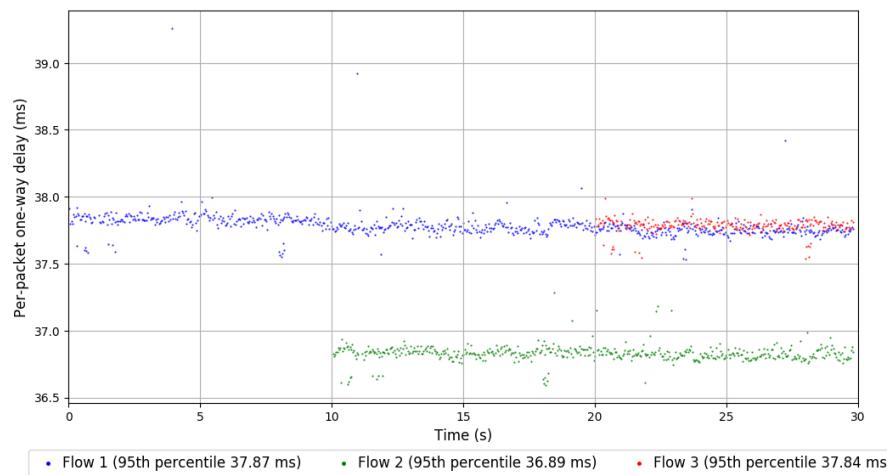
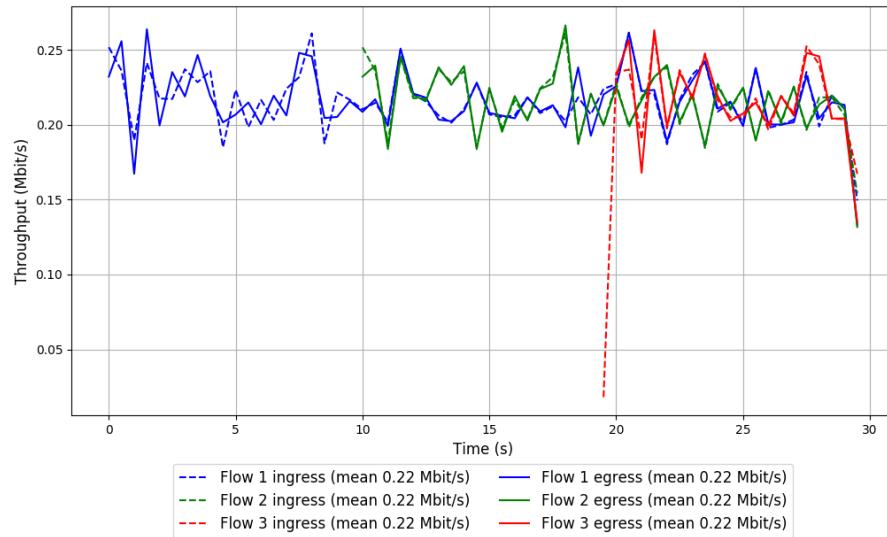


Run 10: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 05:02:42 +0000
End at: Tue, 01 Aug 2017 05:03:12 +0000
Local clock offset: 0.225 ms
Remote clock offset: -0.994 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 37.858 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.874 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.894 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.840 ms
Loss rate: 1.10%
```

Run 10: Report of SCReAM — Data Link

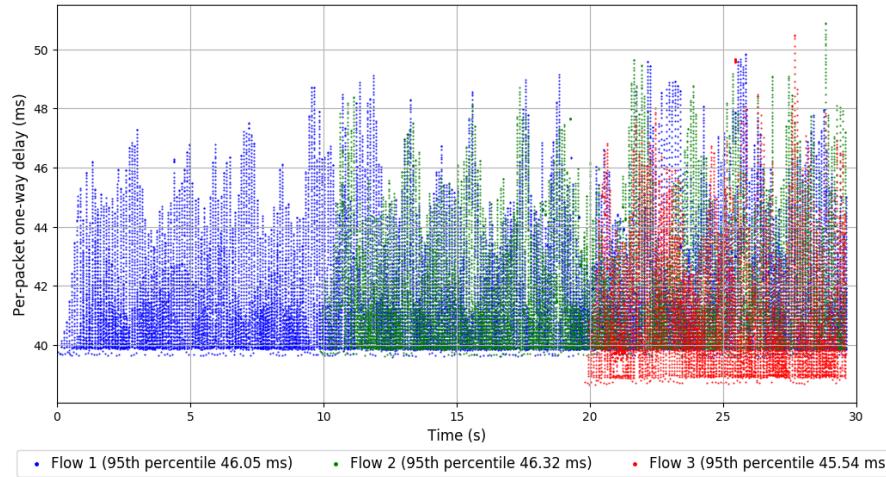
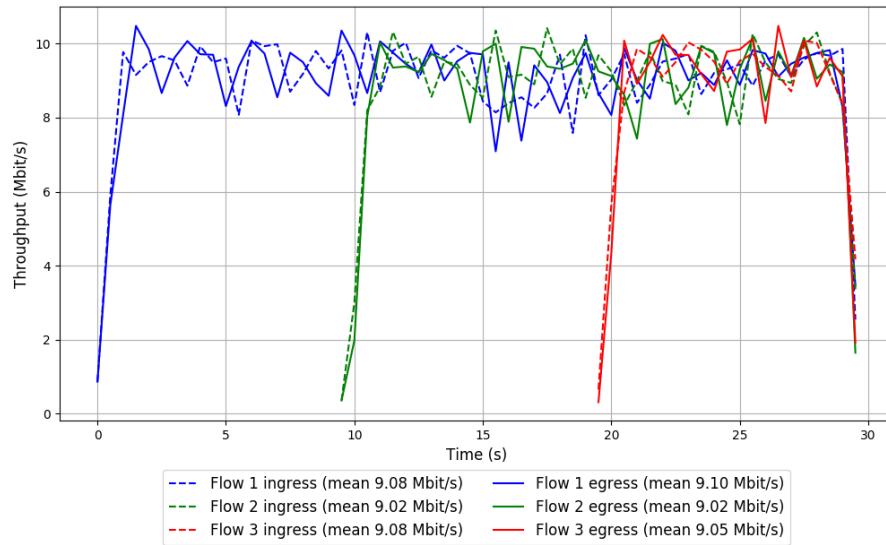


Run 1: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 02:03:25 +0000
End at: Tue, 01 Aug 2017 02:03:55 +0000
Local clock offset: 0.585 ms
Remote clock offset: -1.867 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.11 Mbit/s
95th percentile per-packet one-way delay: 46.073 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 9.10 Mbit/s
95th percentile per-packet one-way delay: 46.053 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 46.324 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 45.541 ms
Loss rate: 1.25%
```

Run 1: Report of Sprout — Data Link

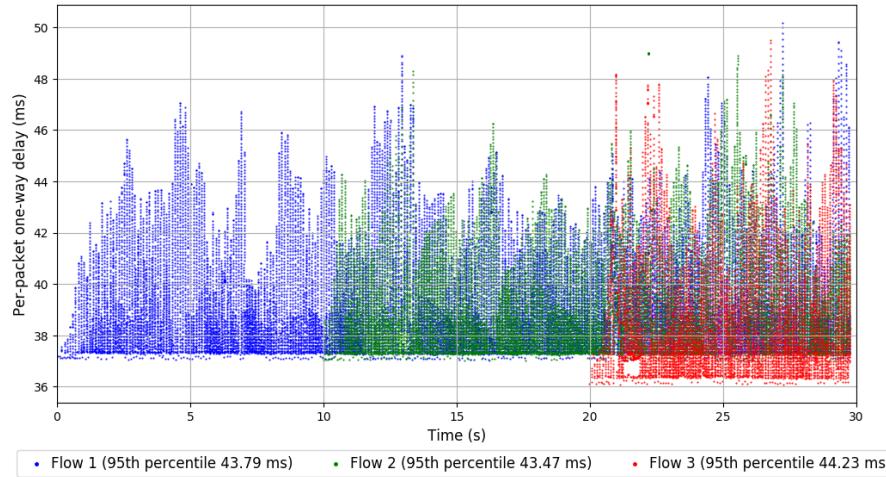
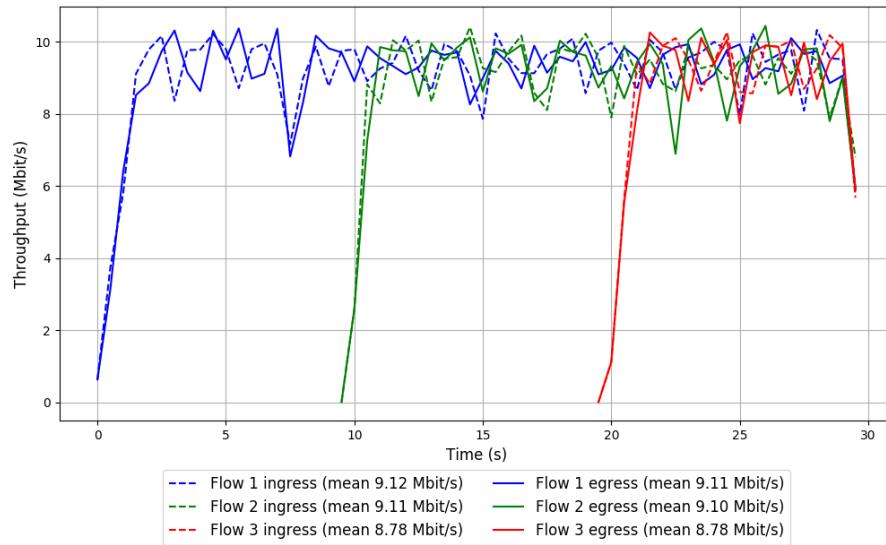


Run 2: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 02:24:26 +0000
End at: Tue, 01 Aug 2017 02:24:56 +0000
Local clock offset: 0.472 ms
Remote clock offset: 0.586 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.07 Mbit/s
95th percentile per-packet one-way delay: 43.743 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 9.11 Mbit/s
95th percentile per-packet one-way delay: 43.792 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 9.10 Mbit/s
95th percentile per-packet one-way delay: 43.472 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 8.78 Mbit/s
95th percentile per-packet one-way delay: 44.228 ms
Loss rate: 0.84%
```

Run 2: Report of Sprout — Data Link

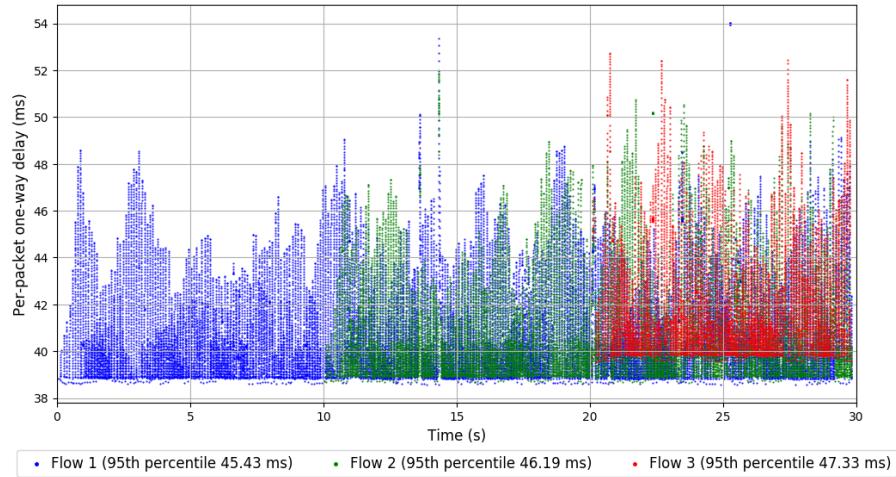
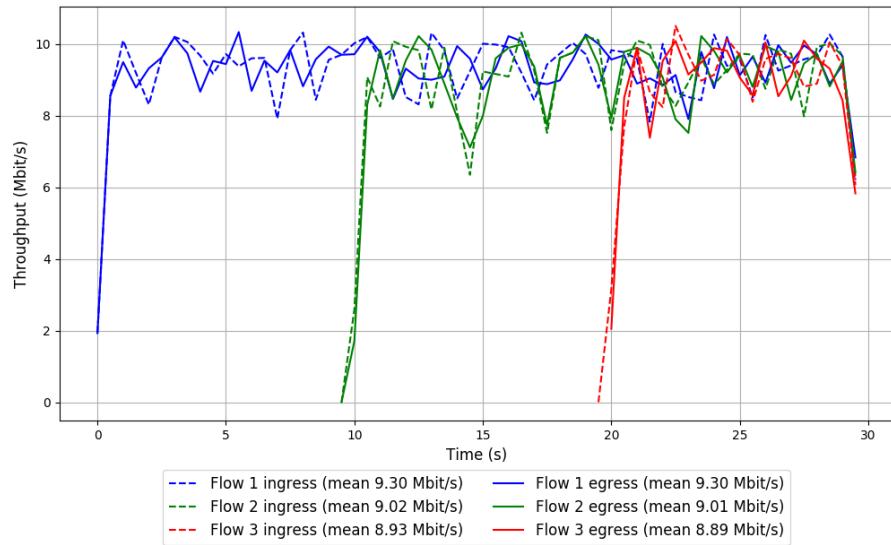


Run 3: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 02:45:26 +0000
End at: Tue, 01 Aug 2017 02:45:56 +0000
Local clock offset: 0.319 ms
Remote clock offset: -1.998 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.22 Mbit/s
95th percentile per-packet one-way delay: 46.032 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 45.433 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 46.191 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 8.89 Mbit/s
95th percentile per-packet one-way delay: 47.331 ms
Loss rate: 1.09%
```

Run 3: Report of Sprout — Data Link

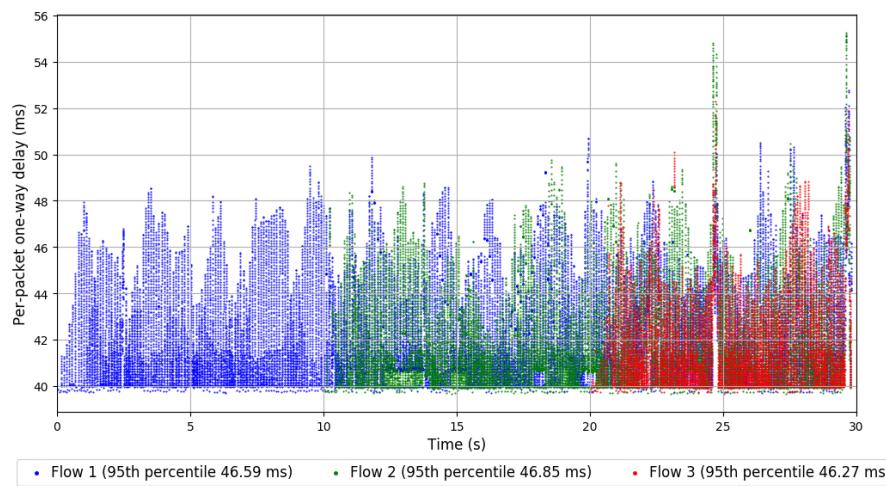
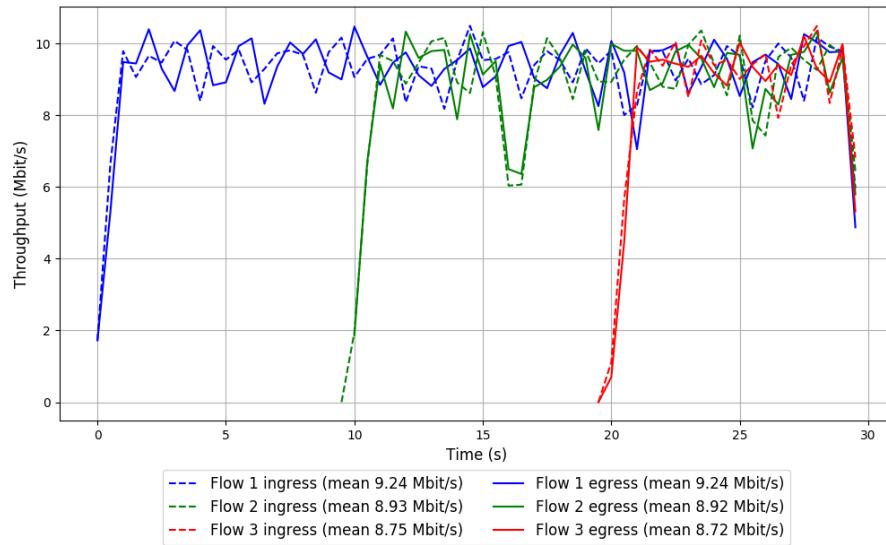


Run 4: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:06:43 +0000
End at: Tue, 01 Aug 2017 03:07:13 +0000
Local clock offset: 0.171 ms
Remote clock offset: -2.041 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.03 Mbit/s
95th percentile per-packet one-way delay: 46.634 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 46.590 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 46.846 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 46.266 ms
Loss rate: 1.16%
```

Run 4: Report of Sprout — Data Link

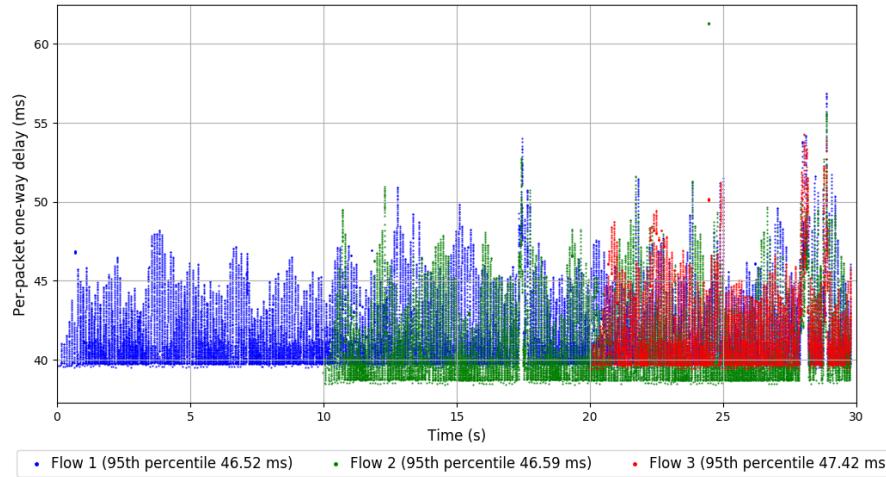
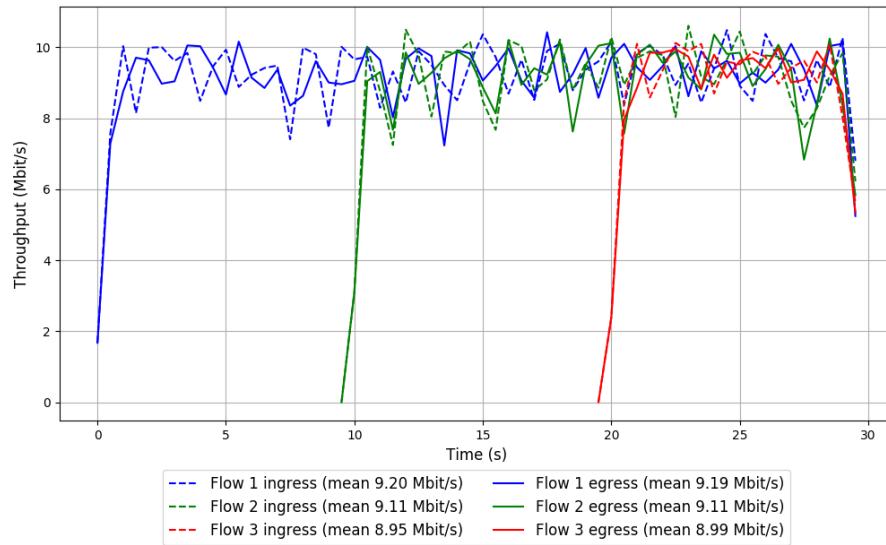


Run 5: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:27:51 +0000
End at: Tue, 01 Aug 2017 03:28:21 +0000
Local clock offset: -0.107 ms
Remote clock offset: -2.14 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.22 Mbit/s
95th percentile per-packet one-way delay: 46.650 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 46.516 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 9.11 Mbit/s
95th percentile per-packet one-way delay: 46.594 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 8.99 Mbit/s
95th percentile per-packet one-way delay: 47.416 ms
Loss rate: 0.43%
```

Run 5: Report of Sprout — Data Link

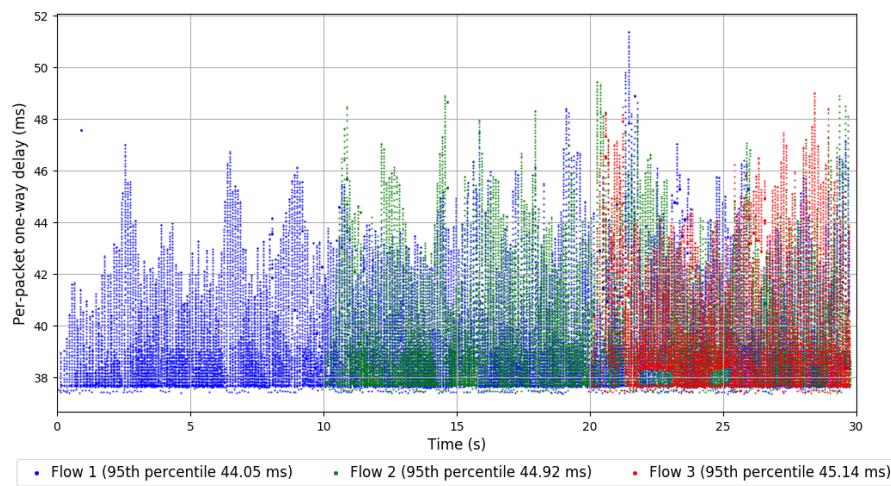
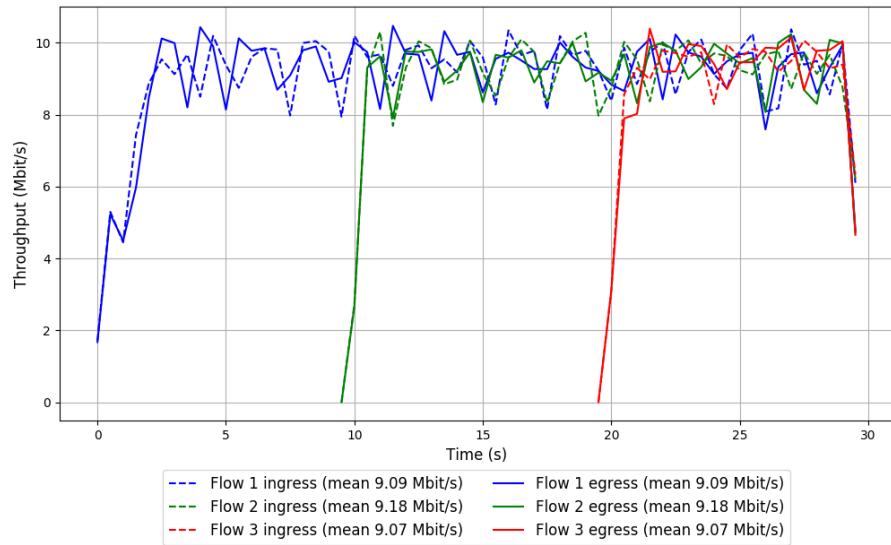


Run 6: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:48:51 +0000
End at: Tue, 01 Aug 2017 03:49:21 +0000
Local clock offset: -0.059 ms
Remote clock offset: -0.268 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.19 Mbit/s
95th percentile per-packet one-way delay: 44.589 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 44.050 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 44.925 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 45.140 ms
Loss rate: 1.21%
```

Run 6: Report of Sprout — Data Link

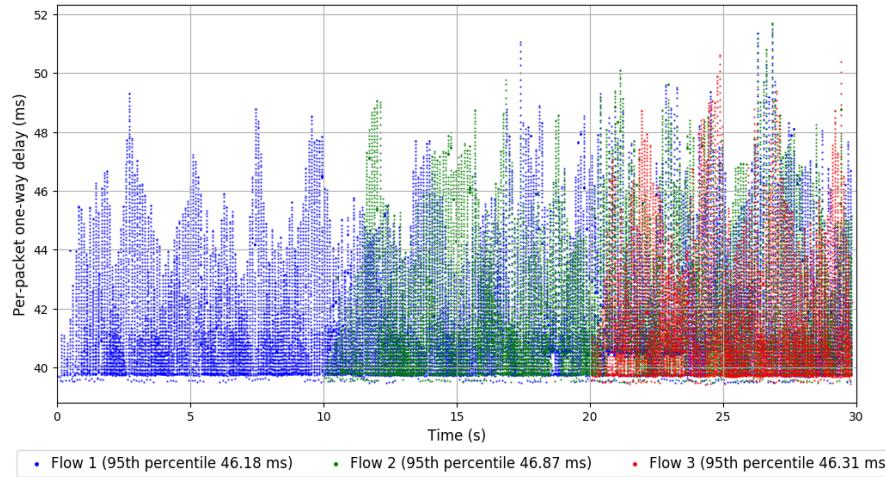
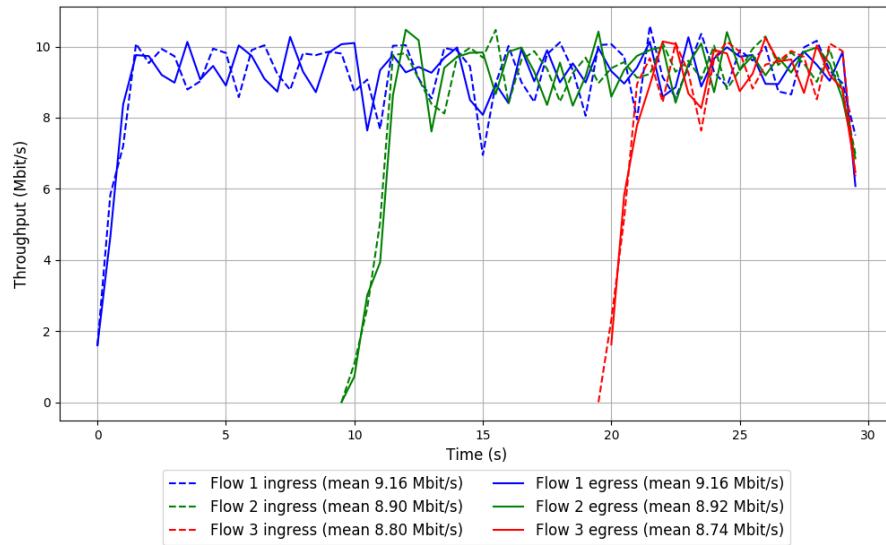


Run 7: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 04:10:09 +0000
End at: Tue, 01 Aug 2017 04:10:39 +0000
Local clock offset: -0.006 ms
Remote clock offset: -2.742 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.97 Mbit/s
95th percentile per-packet one-way delay: 46.447 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 46.180 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 46.871 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 8.74 Mbit/s
95th percentile per-packet one-way delay: 46.311 ms
Loss rate: 1.06%
```

Run 7: Report of Sprout — Data Link

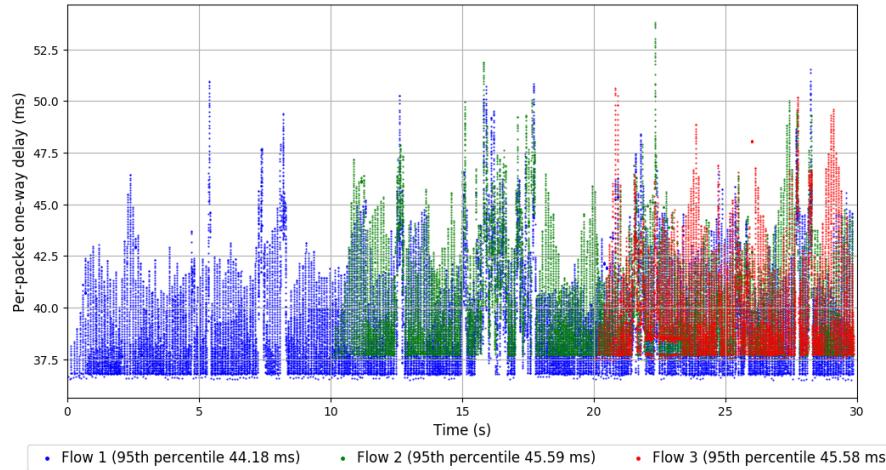
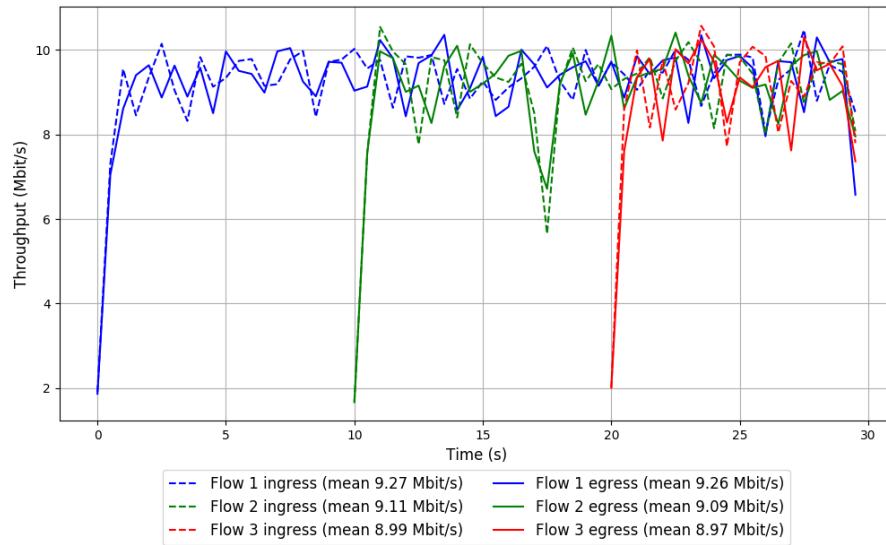


Run 8: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 04:31:22 +0000
End at: Tue, 01 Aug 2017 04:31:52 +0000
Local clock offset: 0.102 ms
Remote clock offset: -0.879 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 44.969 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 44.184 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 45.593 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 45.581 ms
Loss rate: 1.00%
```

Run 8: Report of Sprout — Data Link

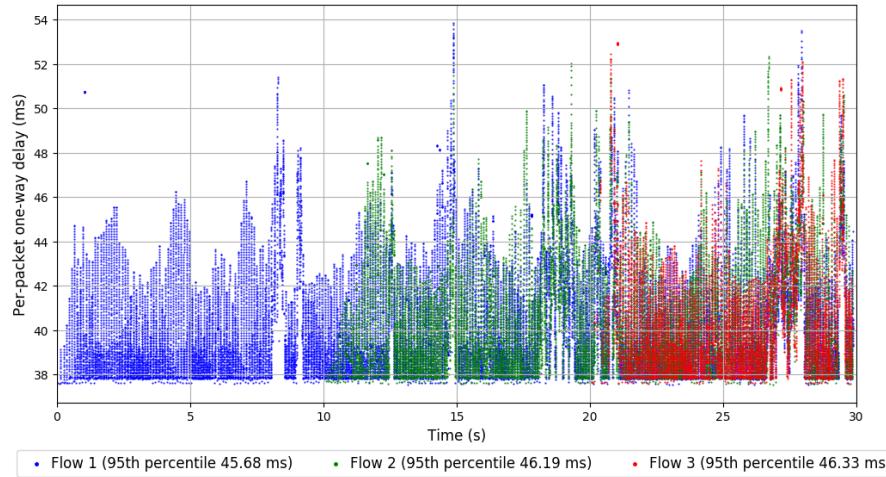
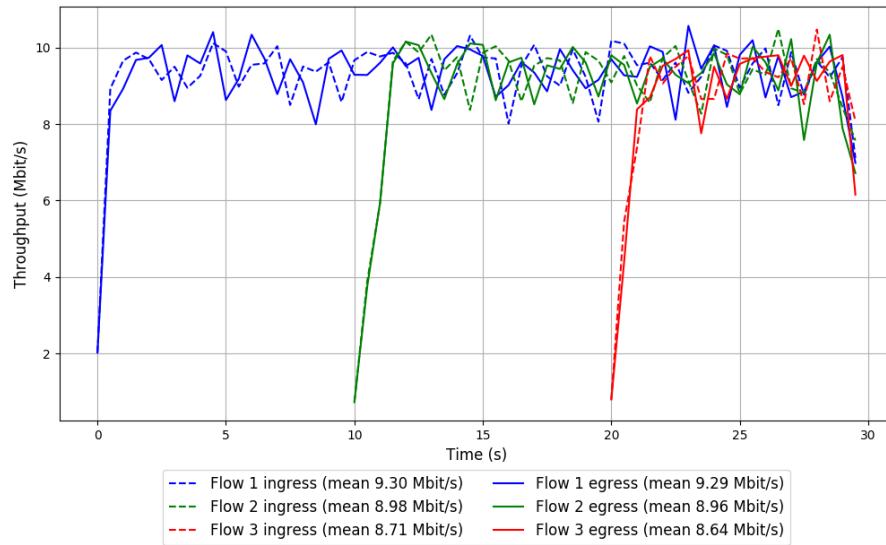


Run 9: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 04:52:49 +0000
End at: Tue, 01 Aug 2017 04:53:19 +0000
Local clock offset: 0.212 ms
Remote clock offset: -0.986 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.08 Mbit/s
95th percentile per-packet one-way delay: 45.995 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 45.683 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 46.191 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 46.334 ms
Loss rate: 1.22%
```

Run 9: Report of Sprout — Data Link

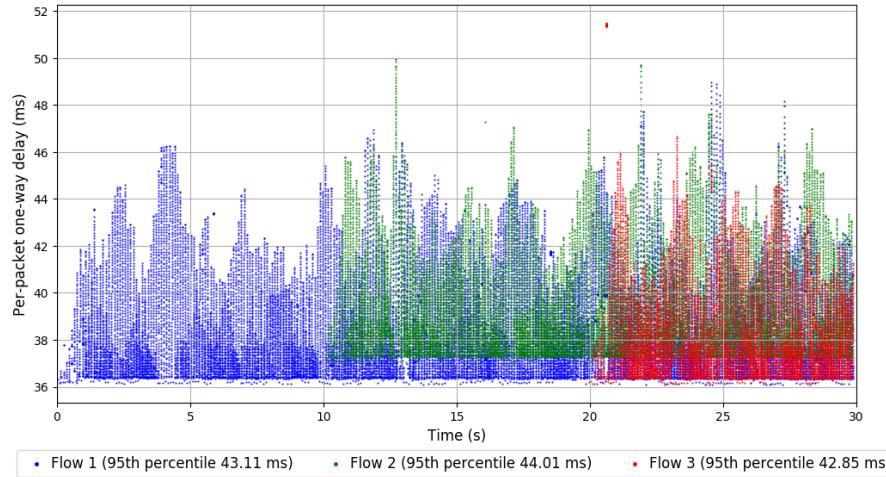
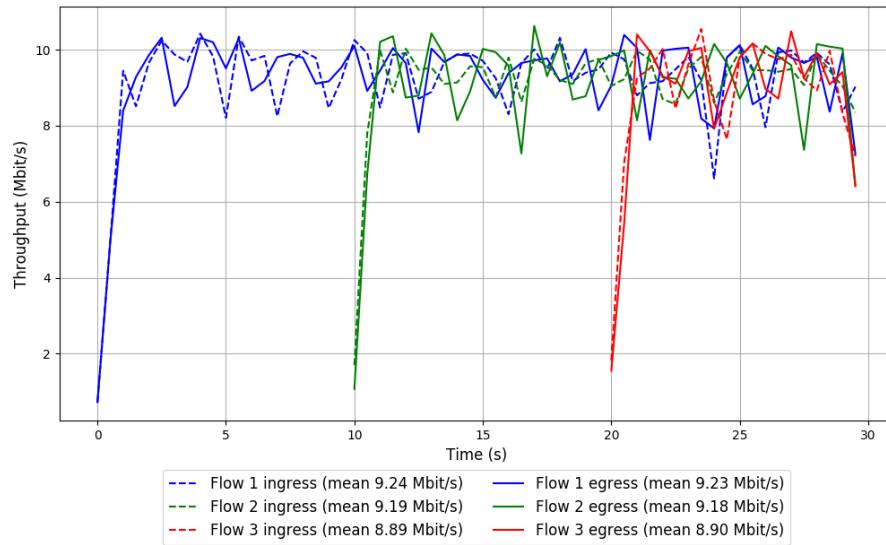


Run 10: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 05:14:01 +0000
End at: Tue, 01 Aug 2017 05:14:31 +0000
Local clock offset: 0.262 ms
Remote clock offset: -0.529 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 43.429 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 43.107 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 44.012 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 42.850 ms
Loss rate: 0.52%
```

Run 10: Report of Sprout — Data Link

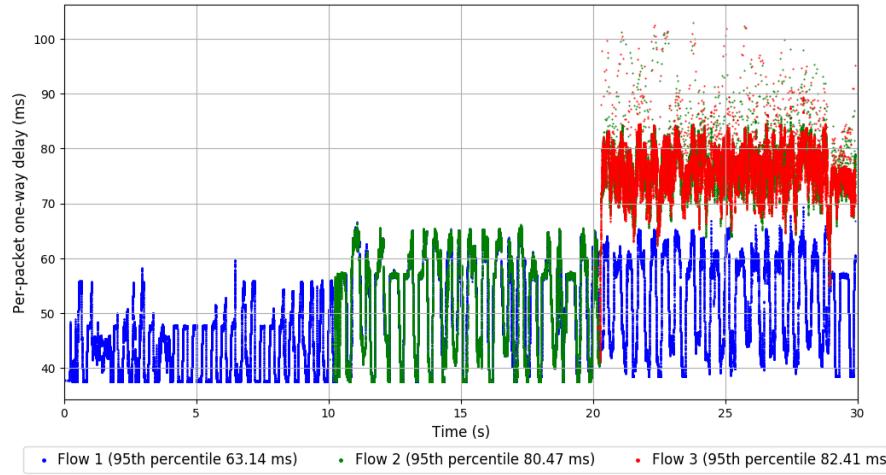
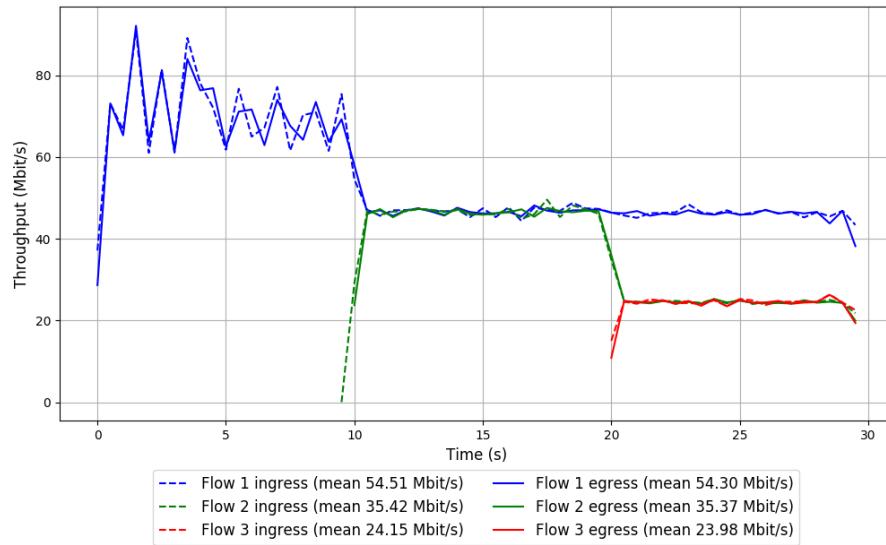


Run 1: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 01:50:08 +0000
End at: Tue, 01 Aug 2017 01:50:38 +0000
Local clock offset: 0.634 ms
Remote clock offset: 0.438 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.73 Mbit/s
95th percentile per-packet one-way delay: 78.830 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 54.30 Mbit/s
95th percentile per-packet one-way delay: 63.144 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 80.466 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 82.407 ms
Loss rate: 1.75%
```

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

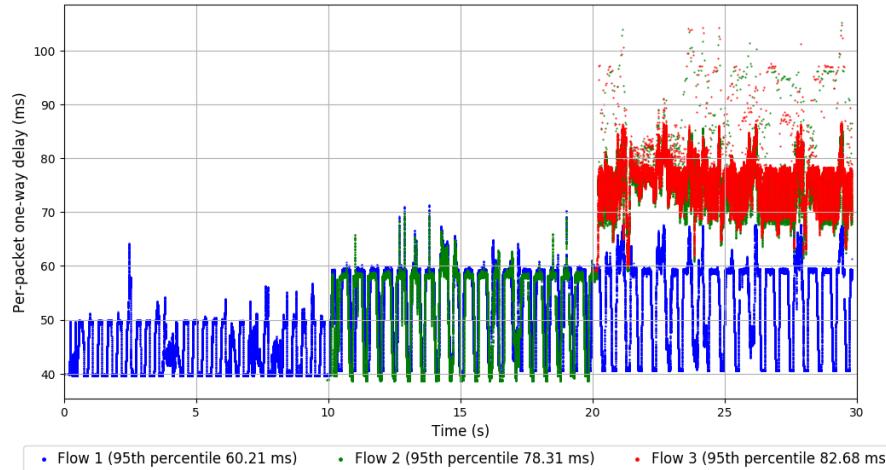
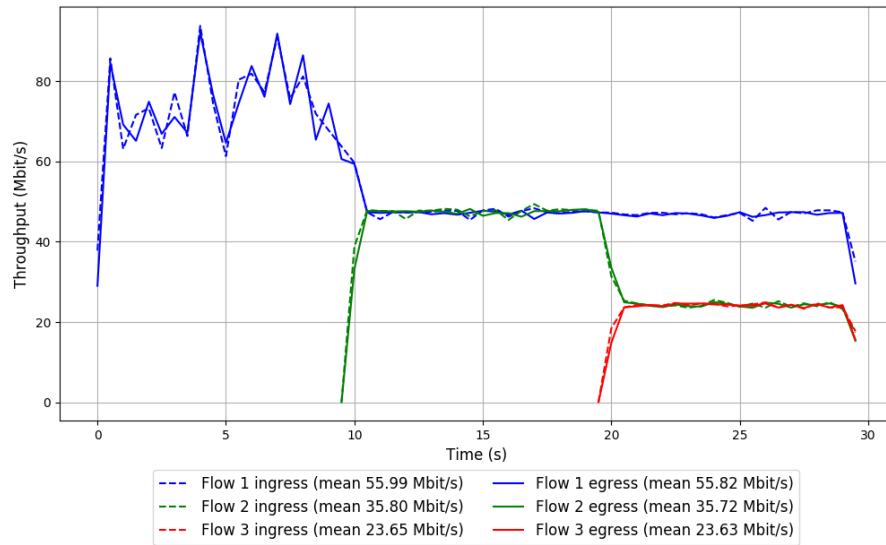


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 02:11:41 +0000
End at: Tue, 01 Aug 2017 02:12:11 +0000
Local clock offset: 0.441 ms
Remote clock offset: -1.832 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:00:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 77.584 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 60.212 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 78.314 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 82.676 ms
Loss rate: 1.25%
```

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

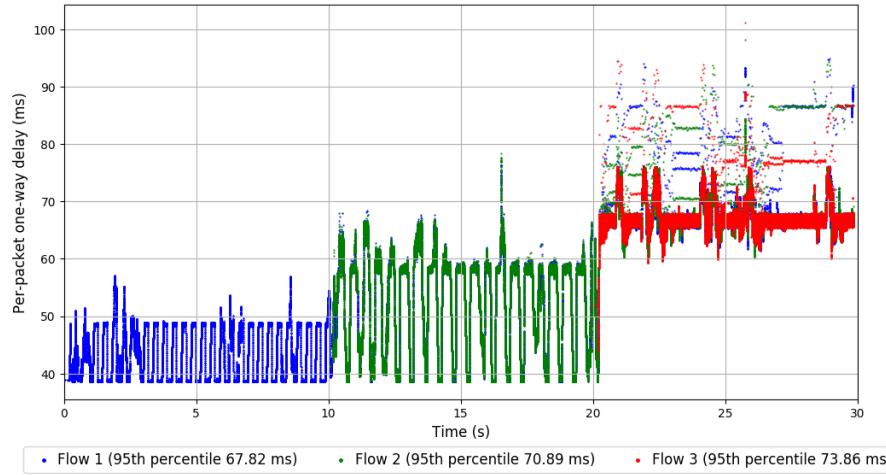
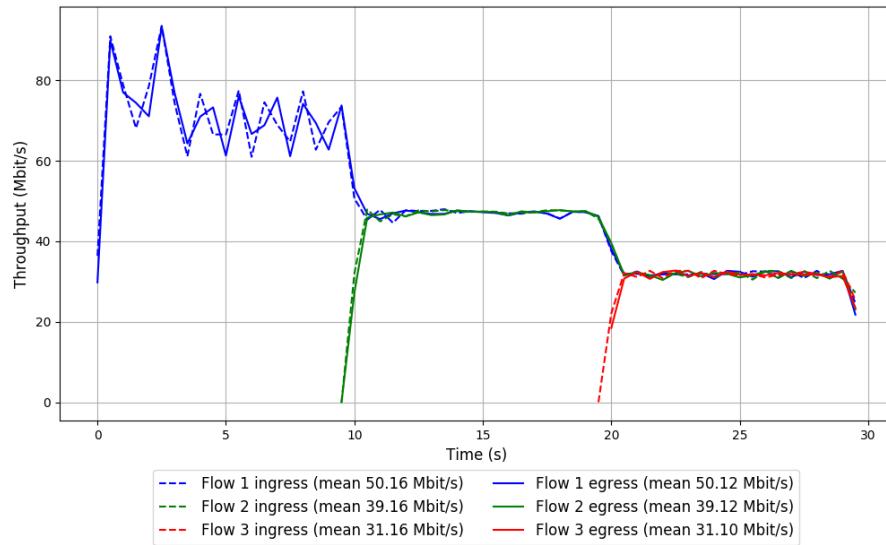


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 02:32:43 +0000
End at: Tue, 01 Aug 2017 02:33:13 +0000
Local clock offset: 0.342 ms
Remote clock offset: -1.967 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:01:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.45 Mbit/s
95th percentile per-packet one-way delay: 70.309 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 67.819 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 39.12 Mbit/s
95th percentile per-packet one-way delay: 70.893 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 73.864 ms
Loss rate: 1.38%
```

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

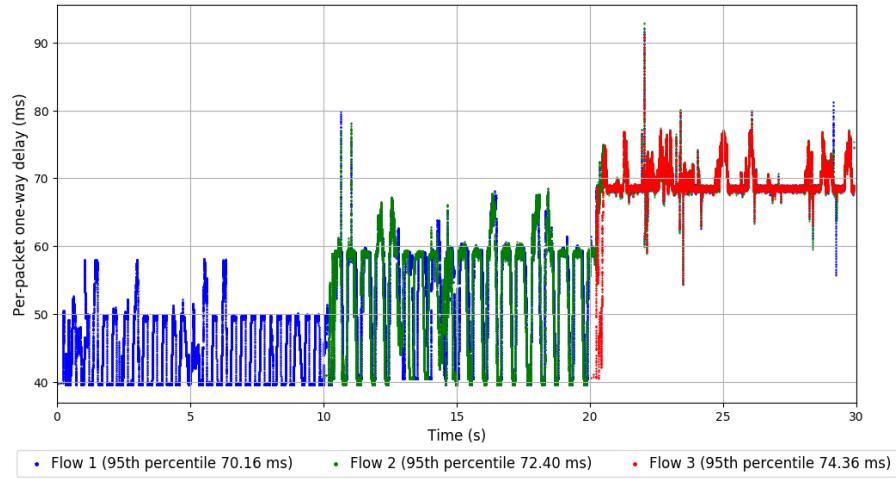
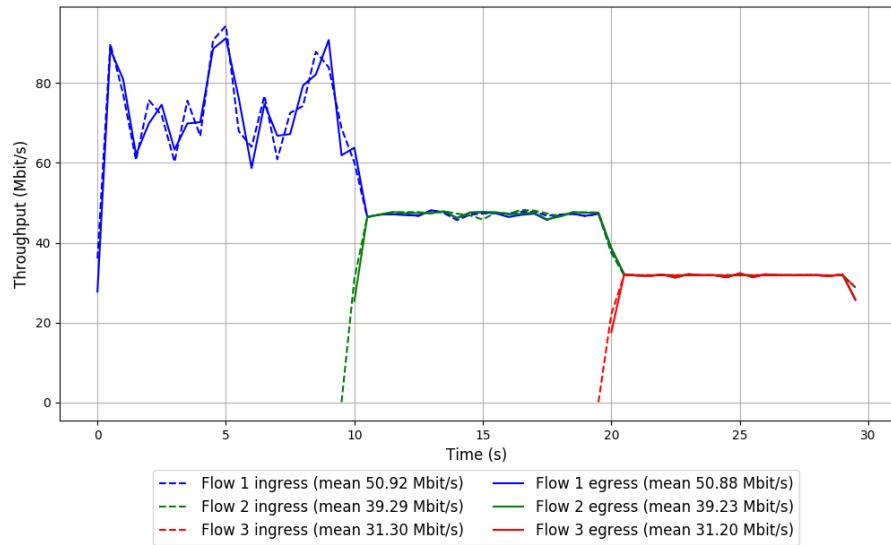


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 02:53:45 +0000
End at: Tue, 01 Aug 2017 02:54:15 +0000
Local clock offset: 0.181 ms
Remote clock offset: -1.928 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:01:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.30 Mbit/s
95th percentile per-packet one-way delay: 72.046 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 50.88 Mbit/s
95th percentile per-packet one-way delay: 70.157 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 39.23 Mbit/s
95th percentile per-packet one-way delay: 72.397 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 74.355 ms
Loss rate: 1.31%
```

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

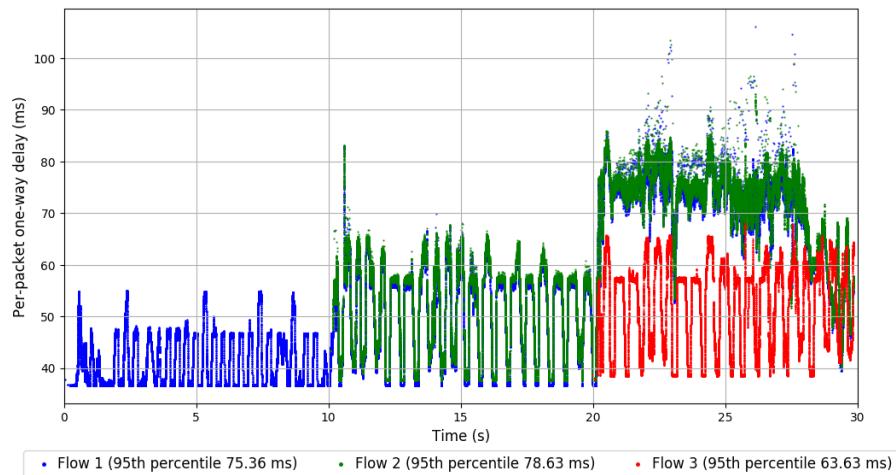
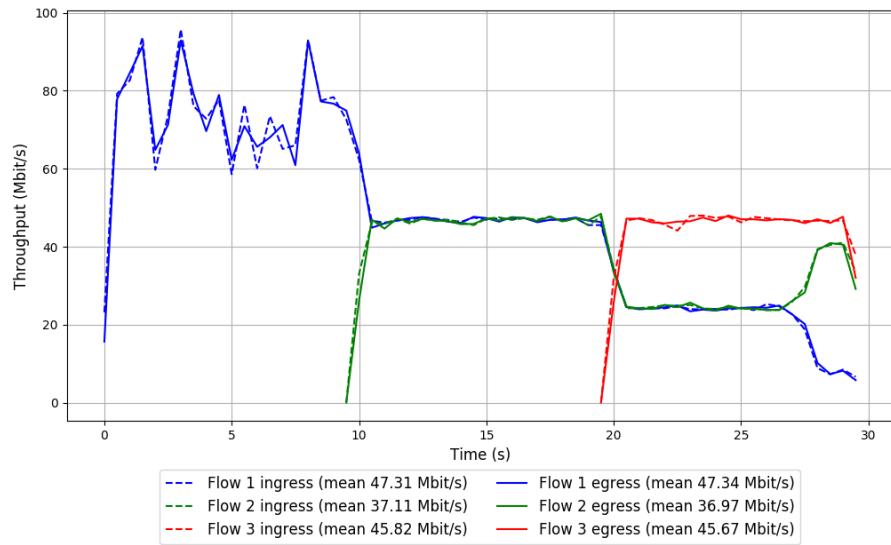


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:14:59 +0000
End at: Tue, 01 Aug 2017 03:15:29 +0000
Local clock offset: 0.012 ms
Remote clock offset: 0.073 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:01:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 76.201 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 47.34 Mbit/s
95th percentile per-packet one-way delay: 75.355 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 36.97 Mbit/s
95th percentile per-packet one-way delay: 78.627 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 63.630 ms
Loss rate: 1.32%
```

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

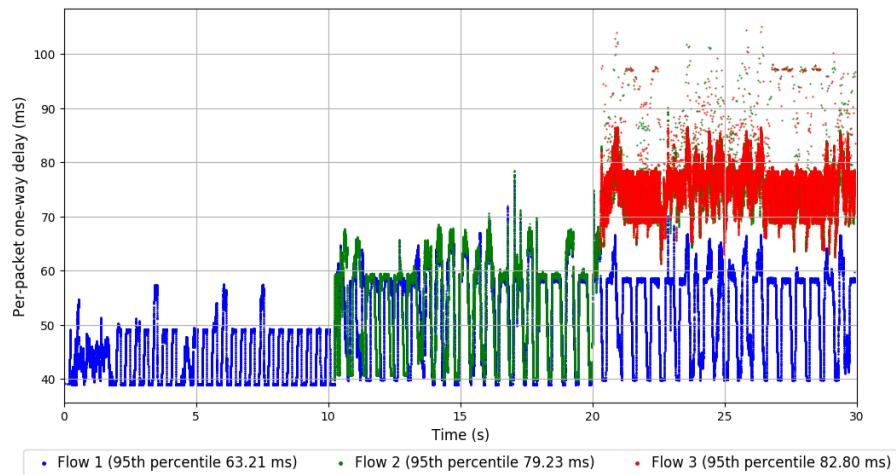
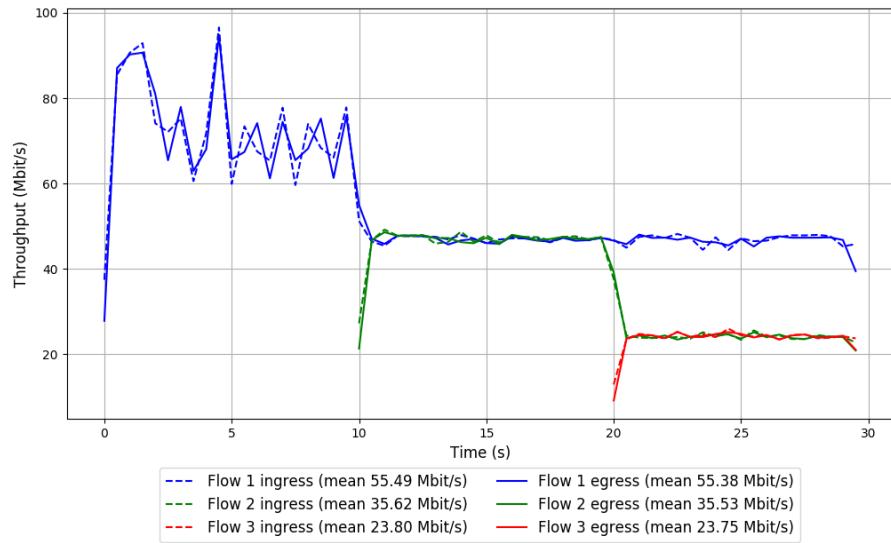


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:36:05 +0000
End at: Tue, 01 Aug 2017 03:36:35 +0000
Local clock offset: -0.019 ms
Remote clock offset: -2.345 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:01:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.83 Mbit/s
95th percentile per-packet one-way delay: 78.198 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 55.38 Mbit/s
95th percentile per-packet one-way delay: 63.209 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: 79.227 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 82.803 ms
Loss rate: 1.43%
```

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

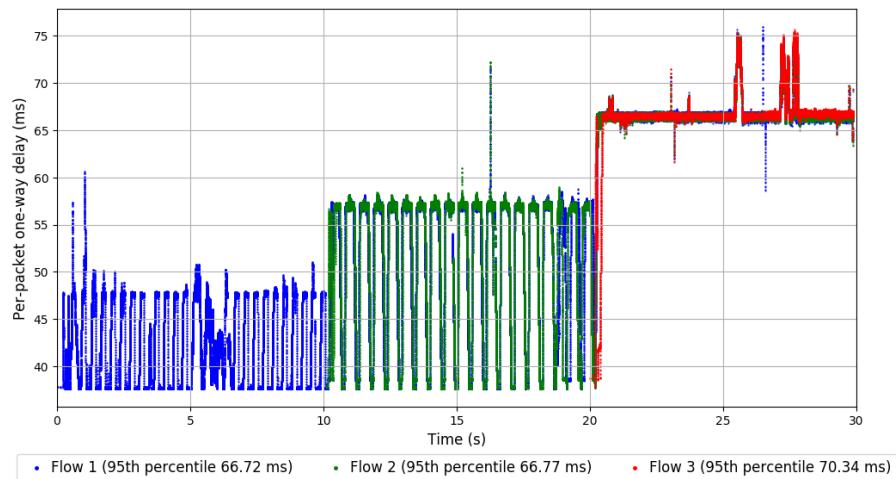
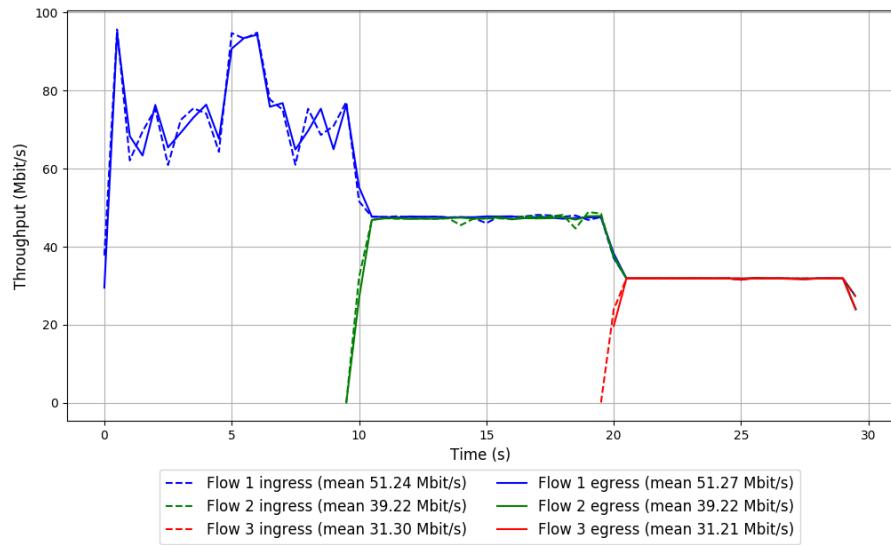


Run 7: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:57:10 +0000
End at: Tue, 01 Aug 2017 03:57:40 +0000
Local clock offset: -0.075 ms
Remote clock offset: -0.572 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:01:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 66.857 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 51.27 Mbit/s
95th percentile per-packet one-way delay: 66.723 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 39.22 Mbit/s
95th percentile per-packet one-way delay: 66.769 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 31.21 Mbit/s
95th percentile per-packet one-way delay: 70.344 ms
Loss rate: 1.27%
```

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

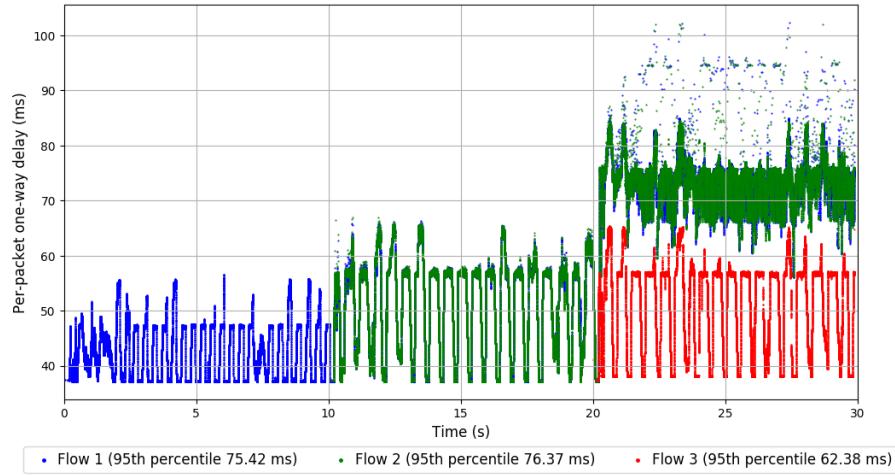
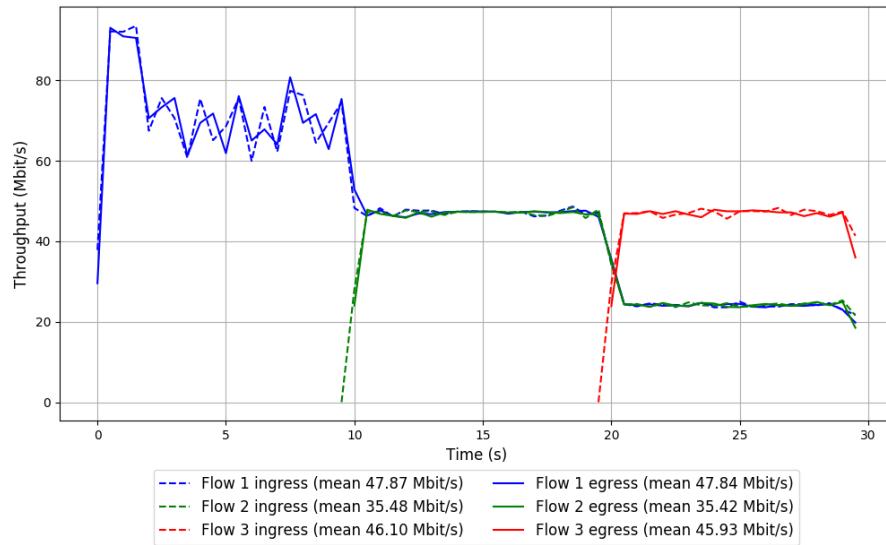


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 04:18:27 +0000
End at: Tue, 01 Aug 2017 04:18:57 +0000
Local clock offset: 0.054 ms
Remote clock offset: -0.297 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.59 Mbit/s
95th percentile per-packet one-way delay: 75.528 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 75.423 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 35.42 Mbit/s
95th percentile per-packet one-way delay: 76.373 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 62.375 ms
Loss rate: 1.37%
```

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

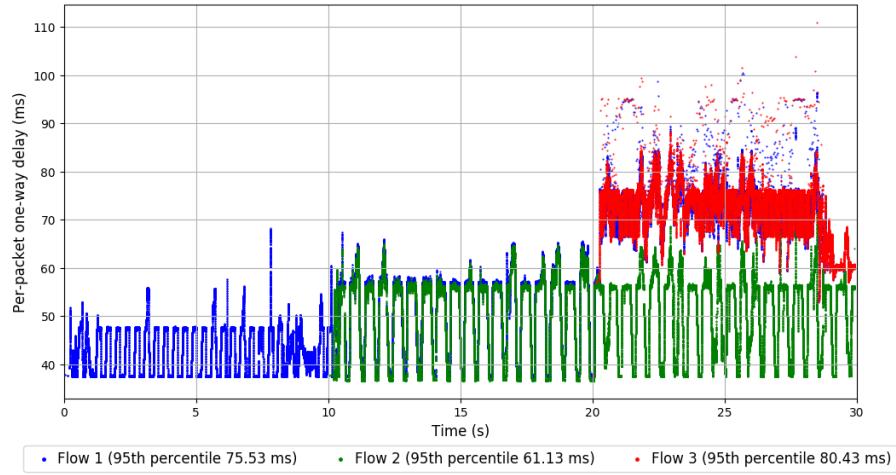
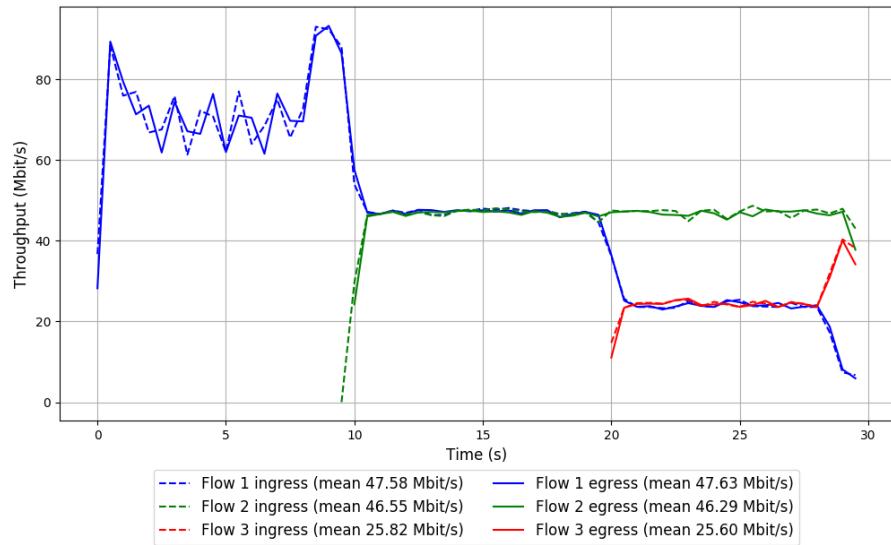


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 04:39:49 +0000
End at: Tue, 01 Aug 2017 04:40:19 +0000
Local clock offset: 0.104 ms
Remote clock offset: -0.827 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 75.805 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 75.535 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 61.129 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 25.60 Mbit/s
95th percentile per-packet one-way delay: 80.426 ms
Loss rate: 1.83%
```

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

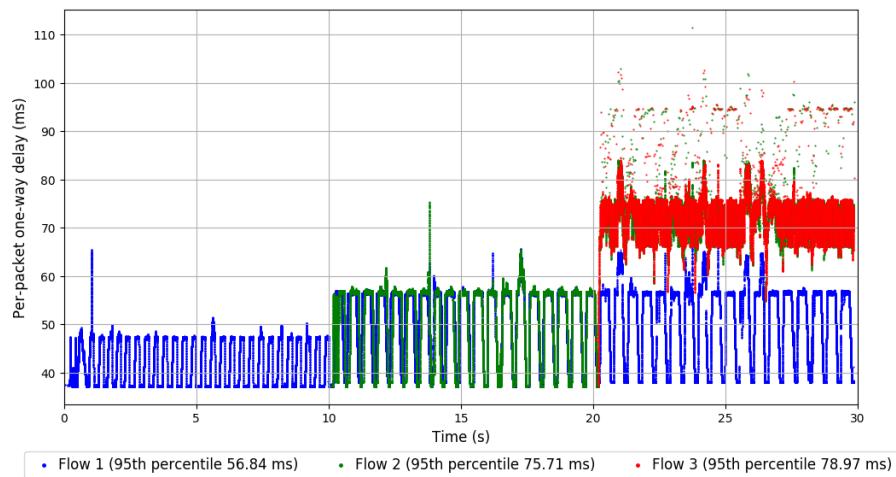
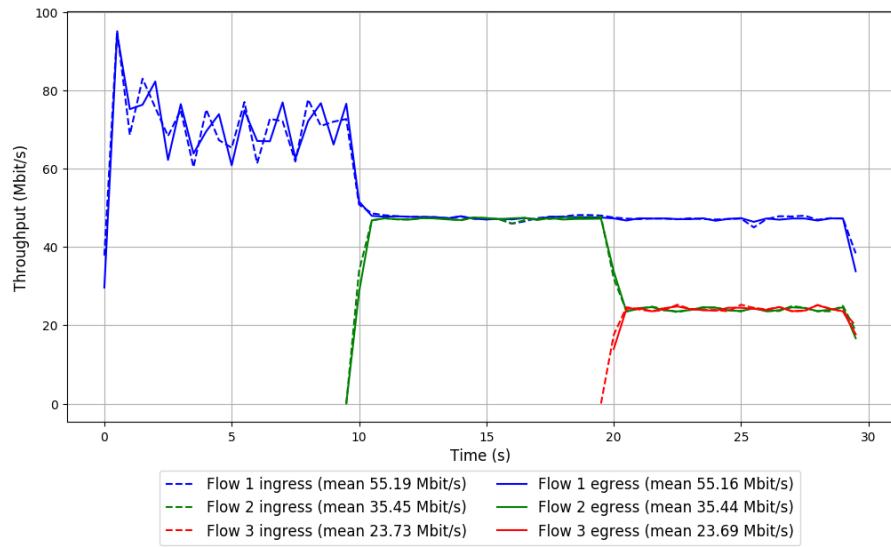


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 05:01:11 +0000
End at: Tue, 01 Aug 2017 05:01:41 +0000
Local clock offset: 0.111 ms
Remote clock offset: -0.533 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 75.425 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 55.16 Mbit/s
95th percentile per-packet one-way delay: 56.845 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 35.44 Mbit/s
95th percentile per-packet one-way delay: 75.708 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 23.69 Mbit/s
95th percentile per-packet one-way delay: 78.973 ms
Loss rate: 1.36%
```

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

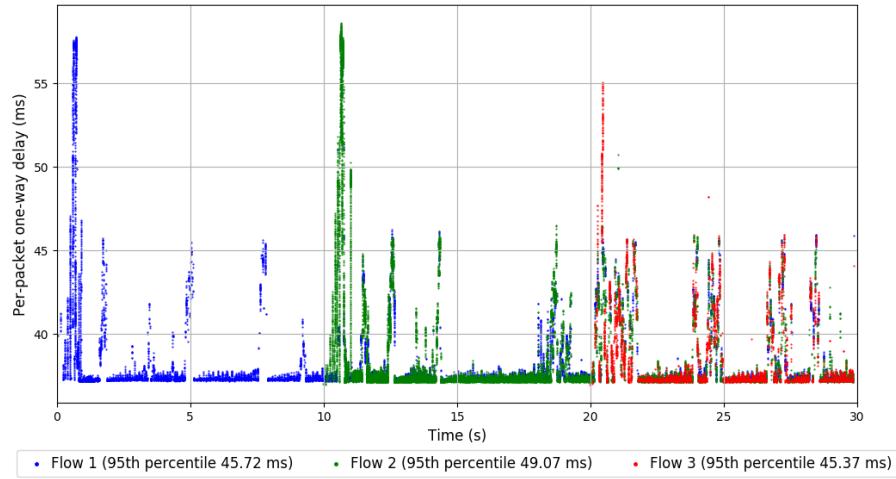
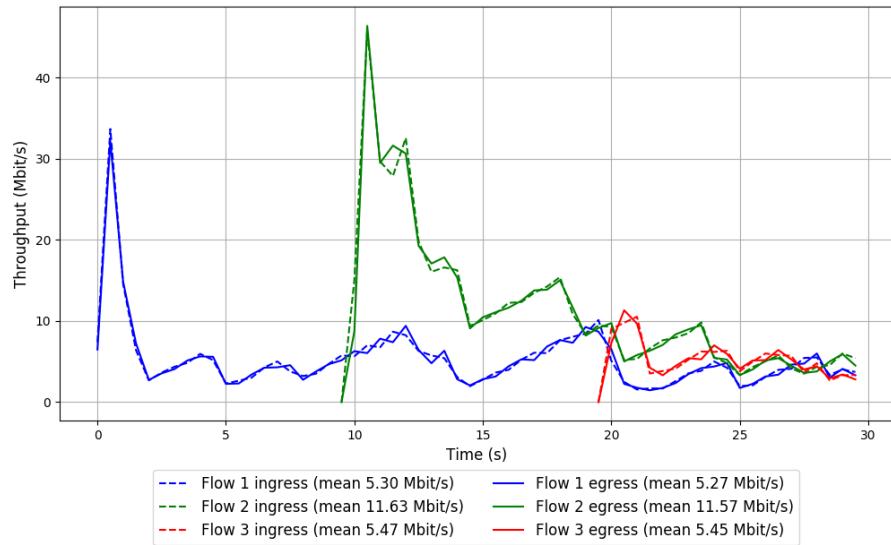


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:43:11 +0000
End at: Tue, 01 Aug 2017 01:43:41 +0000
Local clock offset: 0.703 ms
Remote clock offset: 1.057 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.78 Mbit/s
95th percentile per-packet one-way delay: 47.210 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 45.724 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 11.57 Mbit/s
95th percentile per-packet one-way delay: 49.069 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 5.45 Mbit/s
95th percentile per-packet one-way delay: 45.367 ms
Loss rate: 1.21%
```

Run 1: Report of TCP Vegas — Data Link

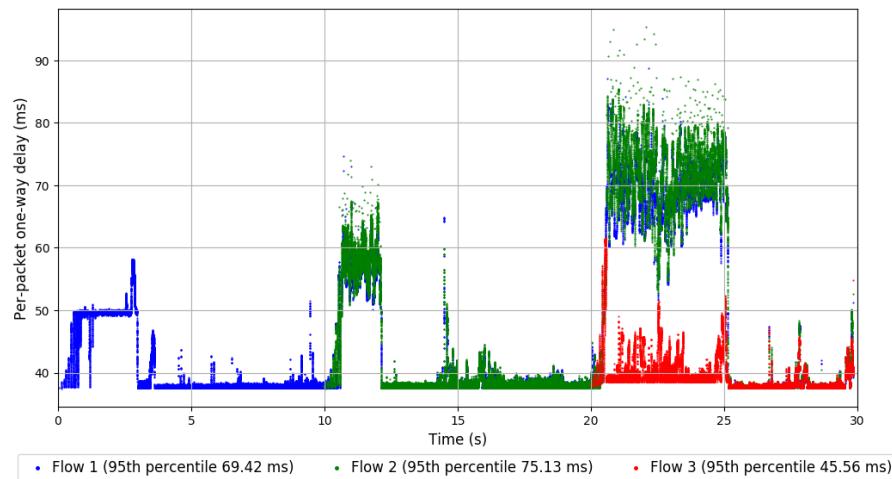
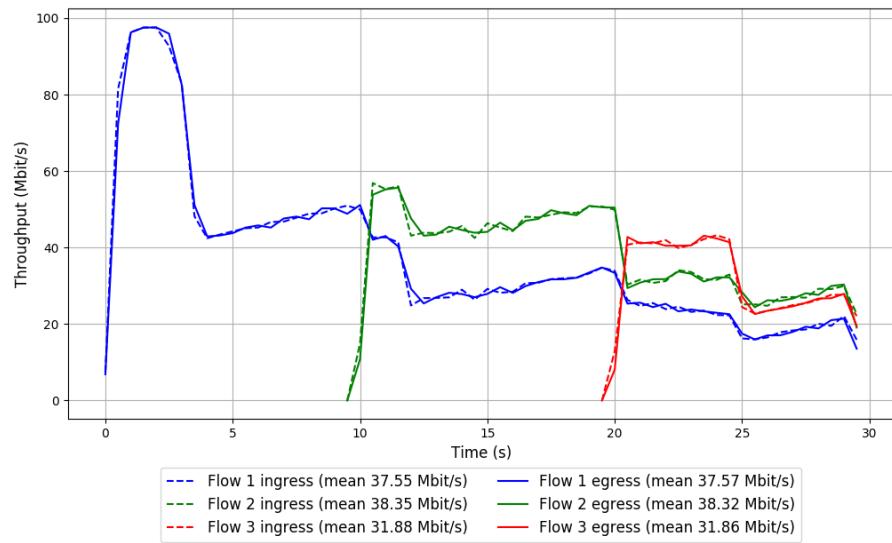


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 02:04:45 +0000
End at: Tue, 01 Aug 2017 02:05:15 +0000
Local clock offset: 0.491 ms
Remote clock offset: 0.219 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.71 Mbit/s
95th percentile per-packet one-way delay: 71.841 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 37.57 Mbit/s
95th percentile per-packet one-way delay: 69.424 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 38.32 Mbit/s
95th percentile per-packet one-way delay: 75.130 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 45.561 ms
Loss rate: 0.79%
```

Run 2: Report of TCP Vegas — Data Link

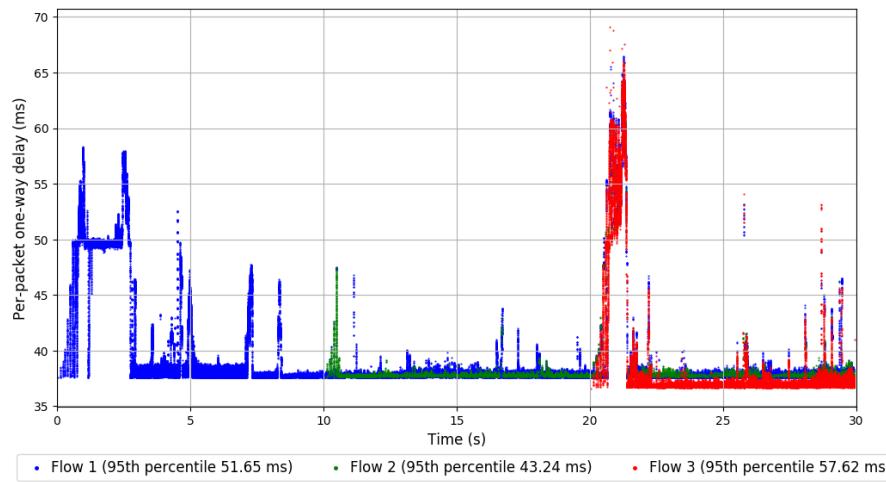
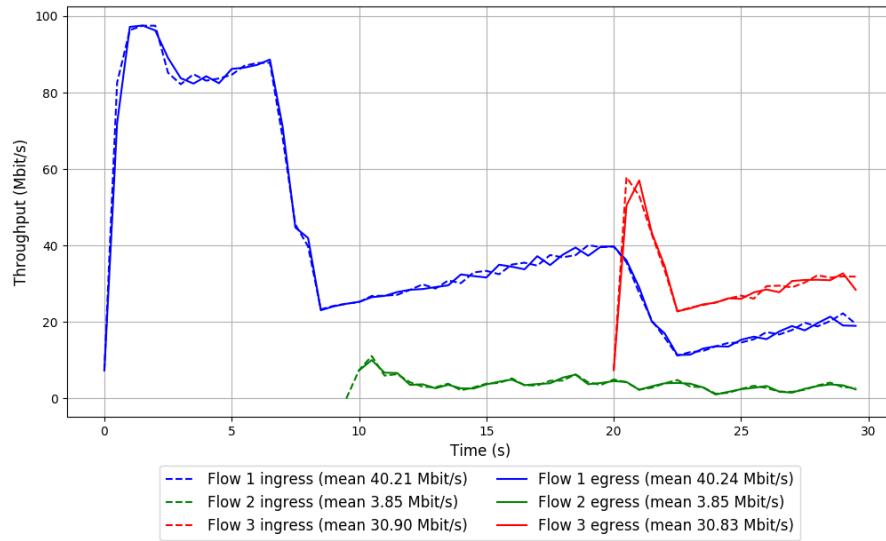


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 02:25:47 +0000
End at: Tue, 01 Aug 2017 02:26:17 +0000
Local clock offset: 0.356 ms
Remote clock offset: 0.089 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.97 Mbit/s
95th percentile per-packet one-way delay: 52.972 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 40.24 Mbit/s
95th percentile per-packet one-way delay: 51.648 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 43.245 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 57.624 ms
Loss rate: 0.95%
```

Run 3: Report of TCP Vegas — Data Link

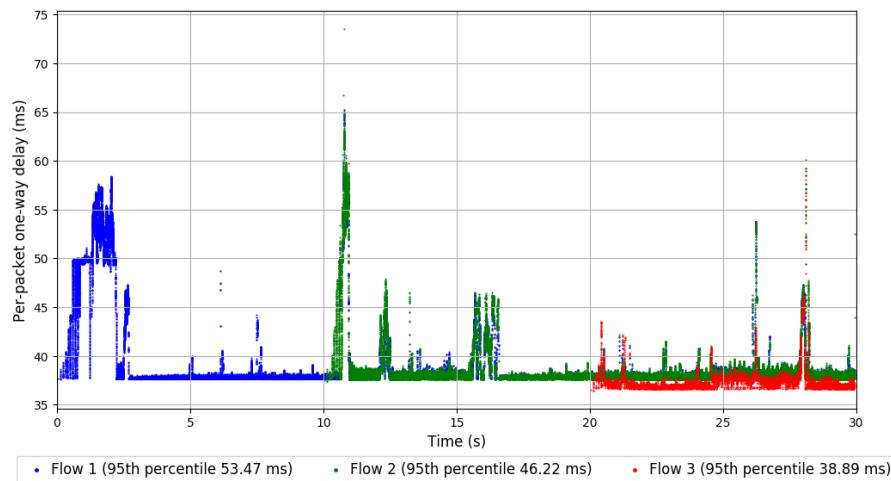
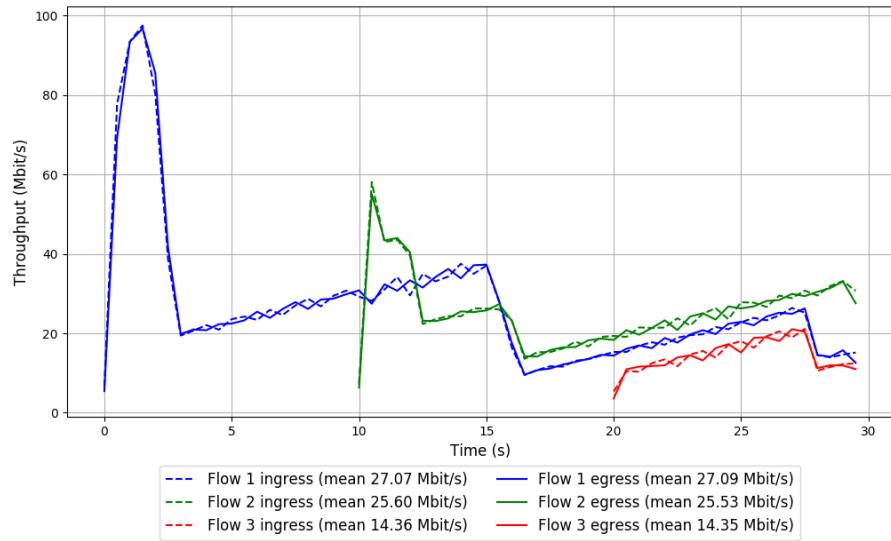


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 02:46:46 +0000
End at: Tue, 01 Aug 2017 02:47:16 +0000
Local clock offset: 0.187 ms
Remote clock offset: 0.027 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.81 Mbit/s
95th percentile per-packet one-way delay: 52.495 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 27.09 Mbit/s
95th percentile per-packet one-way delay: 53.472 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 25.53 Mbit/s
95th percentile per-packet one-way delay: 46.219 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 14.35 Mbit/s
95th percentile per-packet one-way delay: 38.887 ms
Loss rate: 0.85%
```

Run 4: Report of TCP Vegas — Data Link

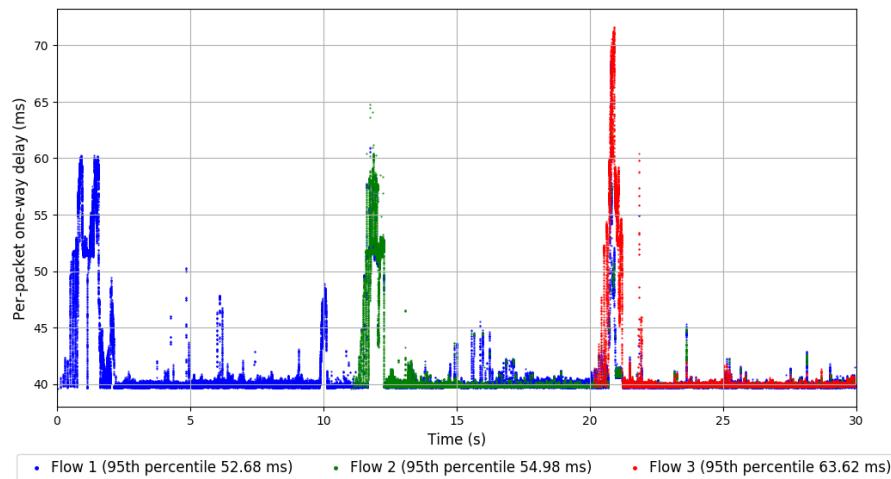
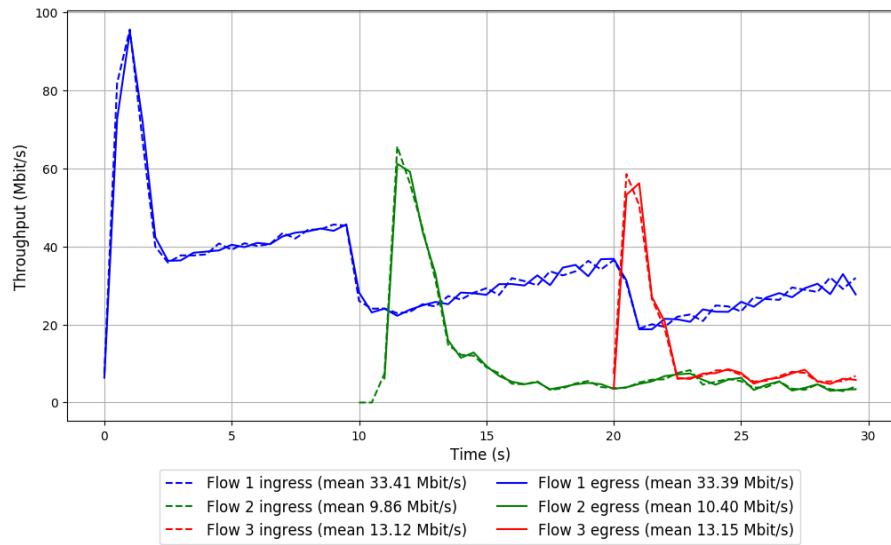


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:08:03 +0000
End at: Tue, 01 Aug 2017 03:08:33 +0000
Local clock offset: 0.141 ms
Remote clock offset: -1.878 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.30 Mbit/s
95th percentile per-packet one-way delay: 55.417 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 33.39 Mbit/s
95th percentile per-packet one-way delay: 52.682 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 10.40 Mbit/s
95th percentile per-packet one-way delay: 54.978 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 63.622 ms
Loss rate: 0.64%
```

Run 5: Report of TCP Vegas — Data Link

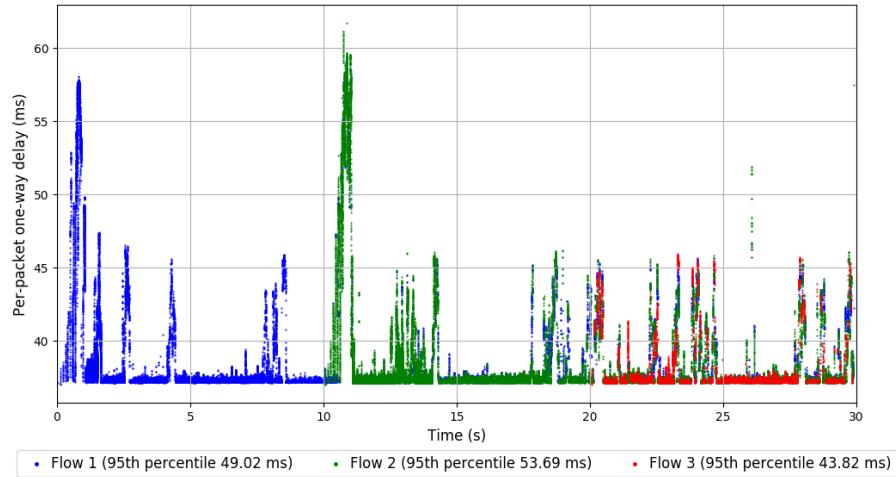
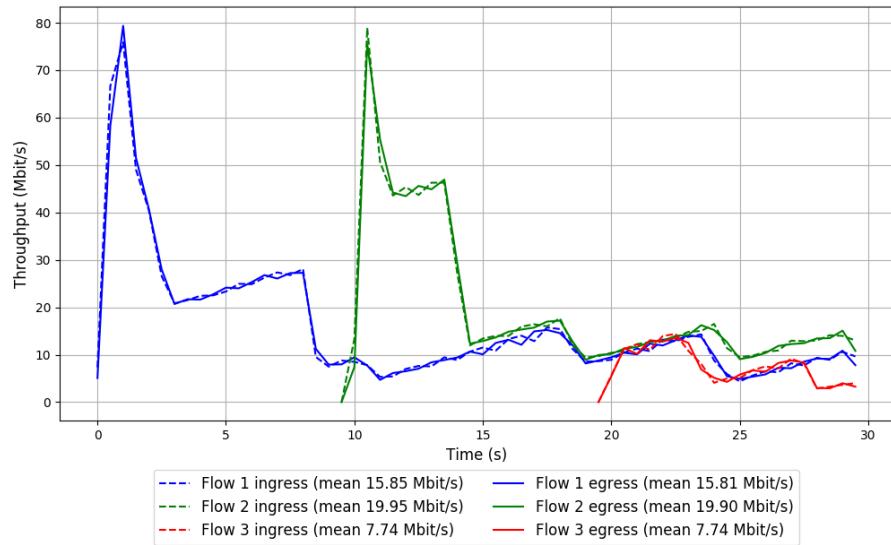


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:29:11 +0000
End at: Tue, 01 Aug 2017 03:29:41 +0000
Local clock offset: -0.089 ms
Remote clock offset: 0.365 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 51.284 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 49.024 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 19.90 Mbit/s
95th percentile per-packet one-way delay: 53.694 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 43.824 ms
Loss rate: 0.87%
```

Run 6: Report of TCP Vegas — Data Link

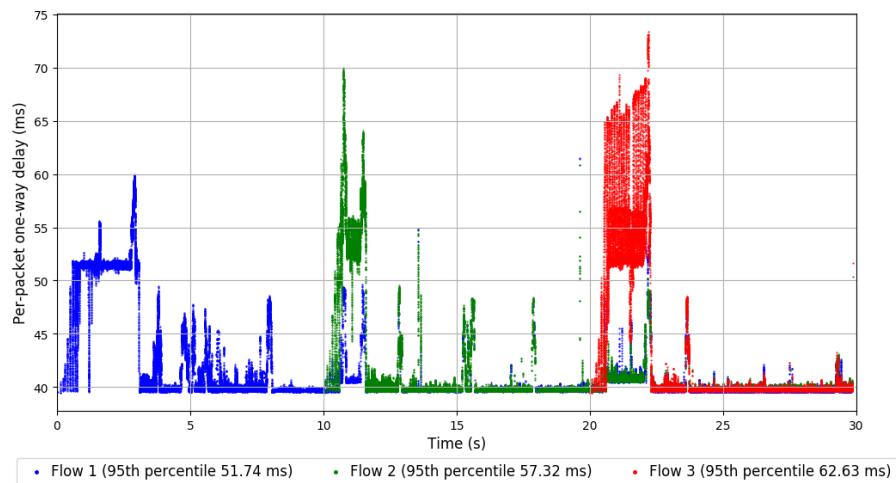
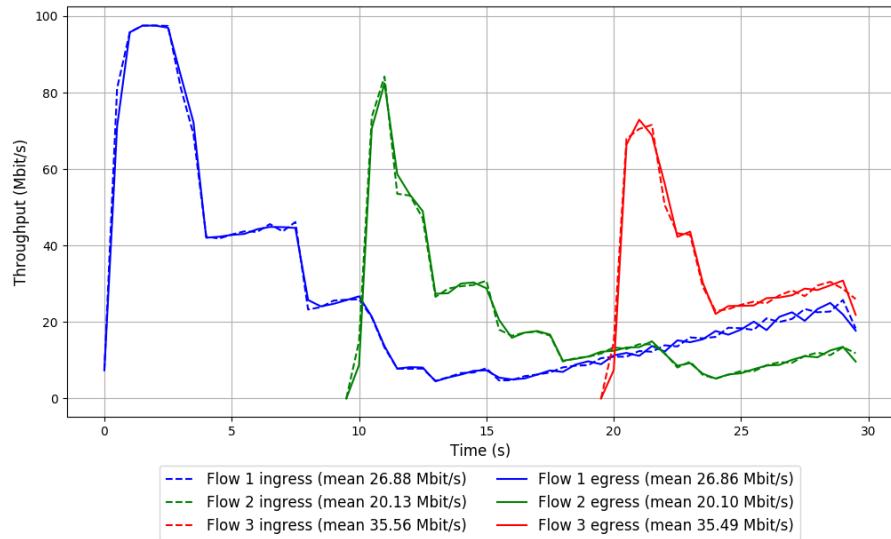


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:50:12 +0000
End at: Tue, 01 Aug 2017 03:50:42 +0000
Local clock offset: -0.115 ms
Remote clock offset: -2.364 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.03 Mbit/s
95th percentile per-packet one-way delay: 56.331 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 51.739 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 20.10 Mbit/s
95th percentile per-packet one-way delay: 57.319 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 35.49 Mbit/s
95th percentile per-packet one-way delay: 62.626 ms
Loss rate: 0.90%
```

Run 7: Report of TCP Vegas — Data Link

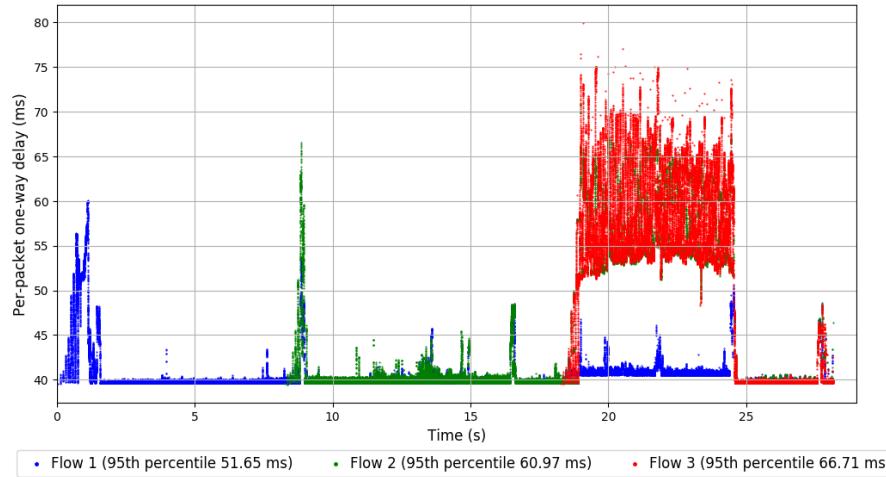
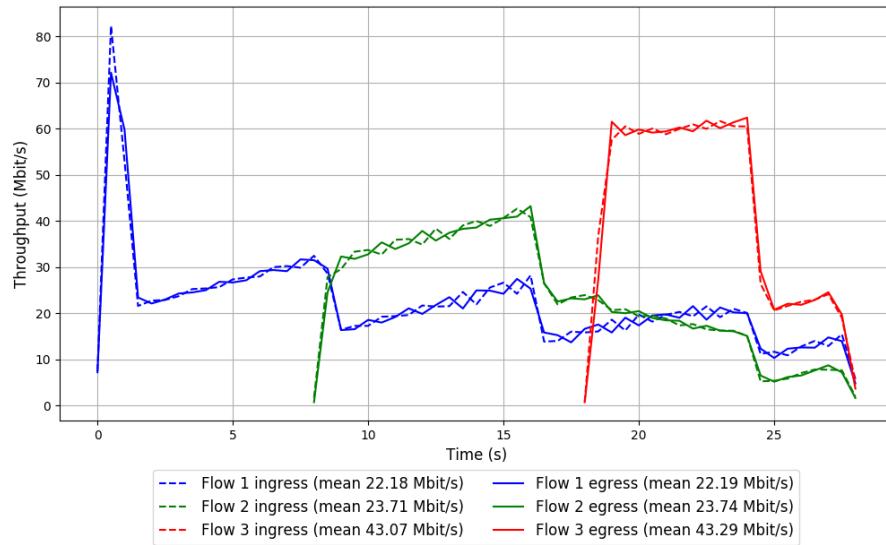


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:11:30 +0000
End at: Tue, 01 Aug 2017 04:12:00 +0000
Local clock offset: 0.023 ms
Remote clock offset: -2.697 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.18 Mbit/s
95th percentile per-packet one-way delay: 63.240 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 22.19 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 23.74 Mbit/s
95th percentile per-packet one-way delay: 60.969 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: 66.710 ms
Loss rate: 0.32%
```

Run 8: Report of TCP Vegas — Data Link

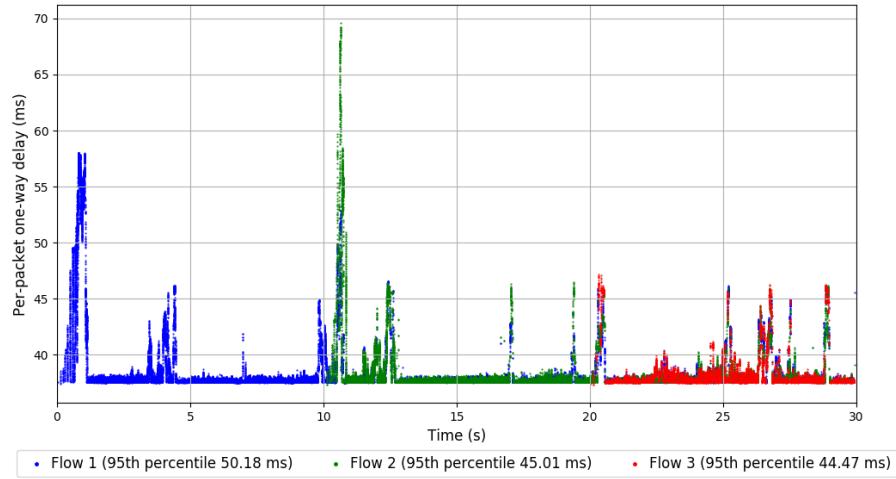
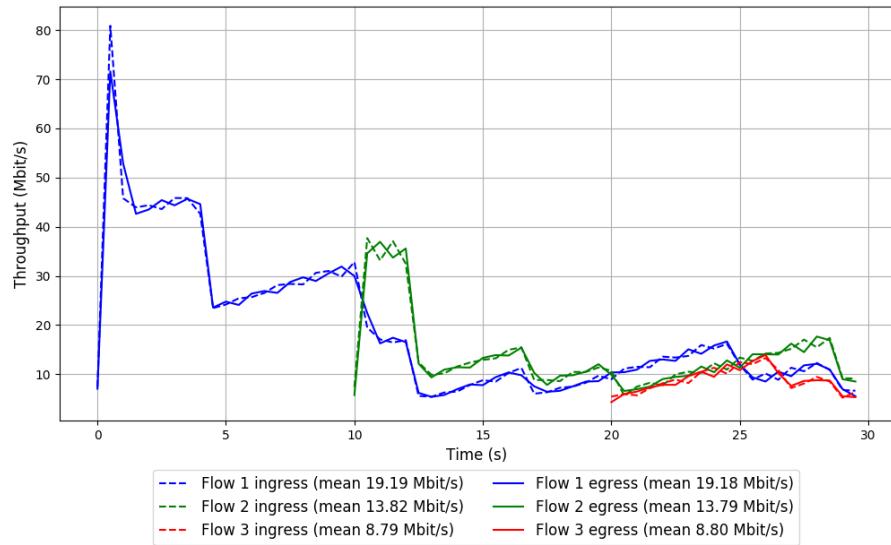


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:32:43 +0000
End at: Tue, 01 Aug 2017 04:33:13 +0000
Local clock offset: 0.069 ms
Remote clock offset: -0.729 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 46.140 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 50.179 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 45.014 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 44.472 ms
Loss rate: 0.82%
```

Run 9: Report of TCP Vegas — Data Link

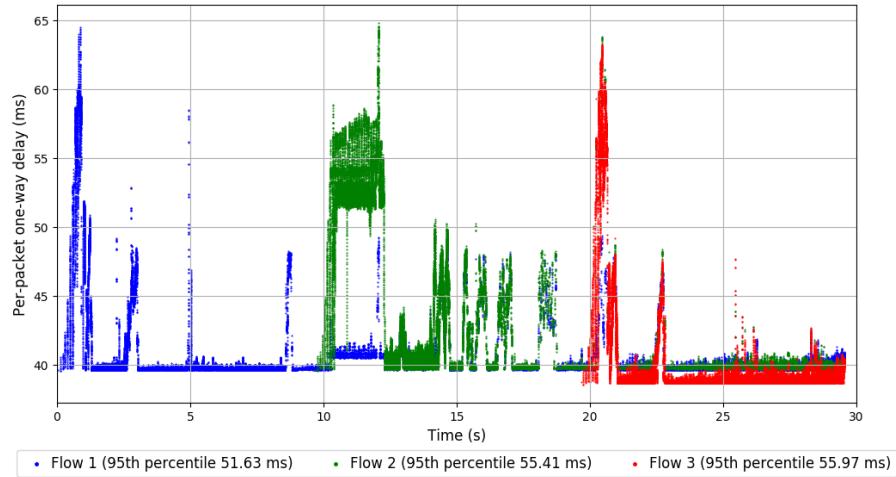
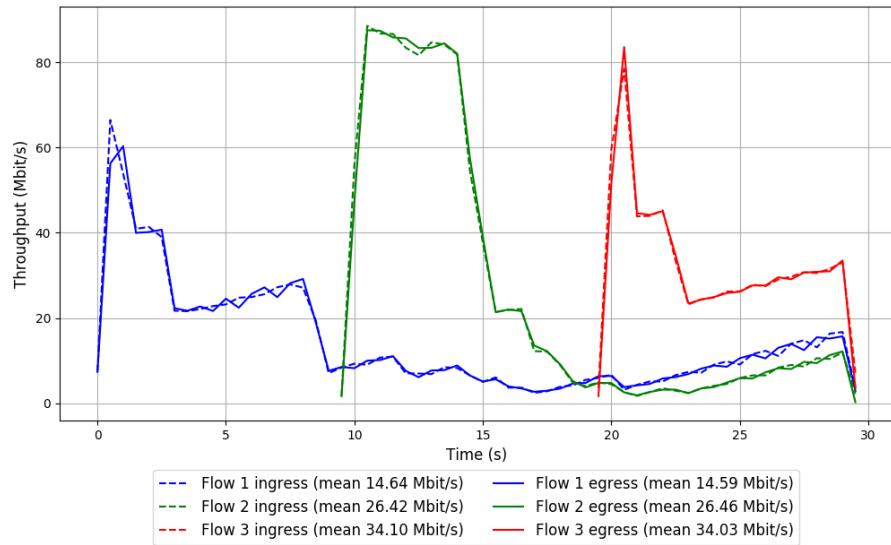


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:54:10 +0000
End at: Tue, 01 Aug 2017 04:54:40 +0000
Local clock offset: 0.195 ms
Remote clock offset: -2.906 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:02:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.76 Mbit/s
95th percentile per-packet one-way delay: 55.218 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 51.634 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 26.46 Mbit/s
95th percentile per-packet one-way delay: 55.406 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 34.03 Mbit/s
95th percentile per-packet one-way delay: 55.974 ms
Loss rate: 0.95%
```

Run 10: Report of TCP Vegas — Data Link

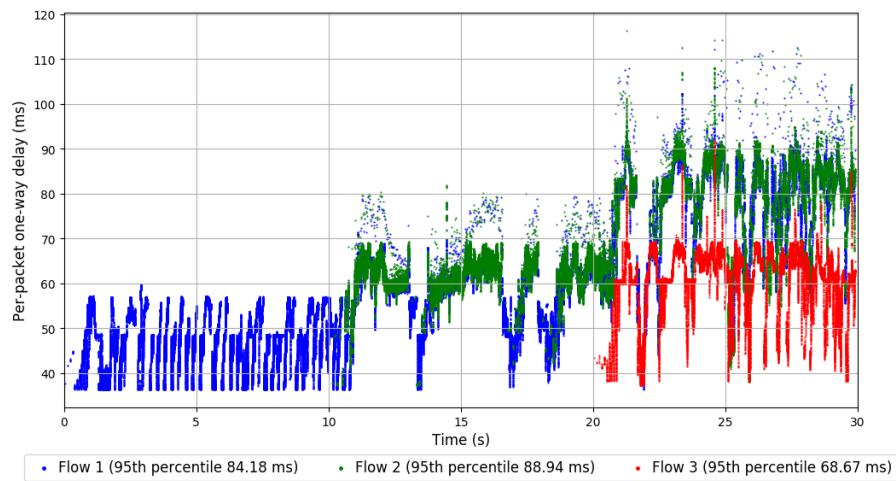
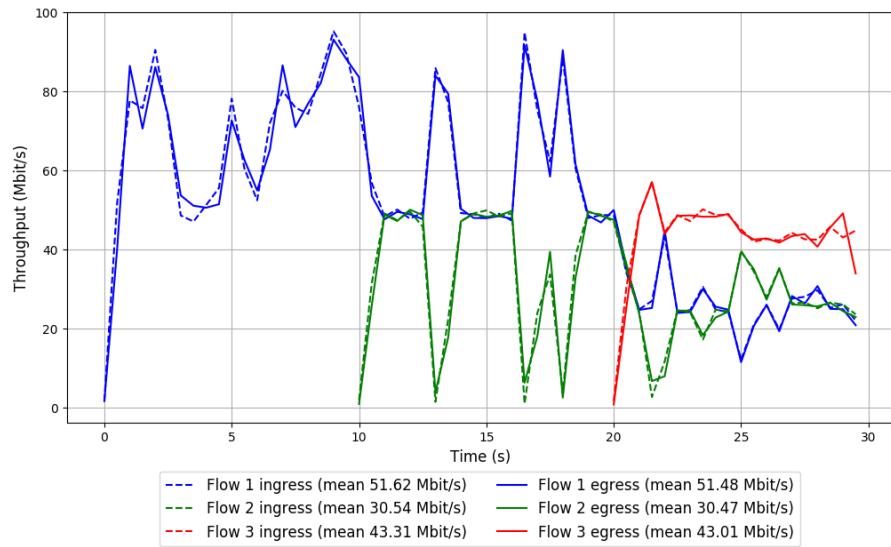


Run 1: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 01:57:22 +0000
End at: Tue, 01 Aug 2017 01:57:52 +0000
Local clock offset: 0.664 ms
Remote clock offset: 0.718 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 85.532 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 51.48 Mbit/s
95th percentile per-packet one-way delay: 84.176 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 88.945 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 43.01 Mbit/s
95th percentile per-packet one-way delay: 68.671 ms
Loss rate: 1.63%
```

Run 1: Report of Verus — Data Link

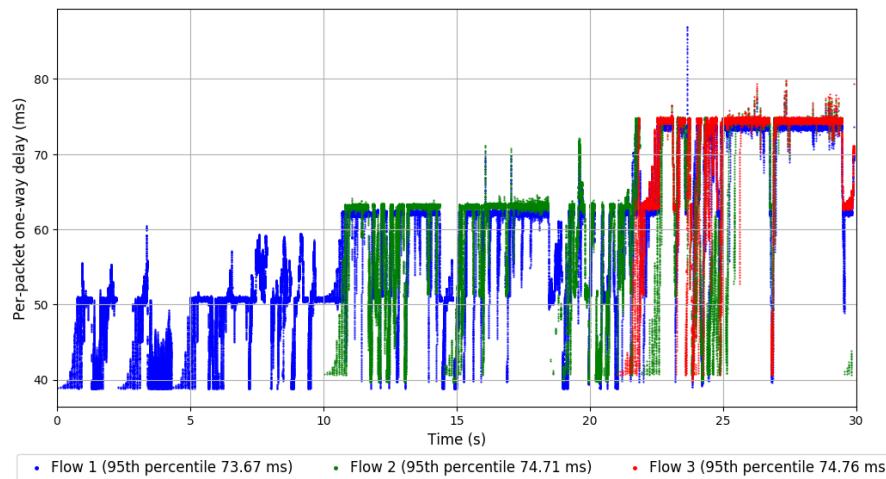
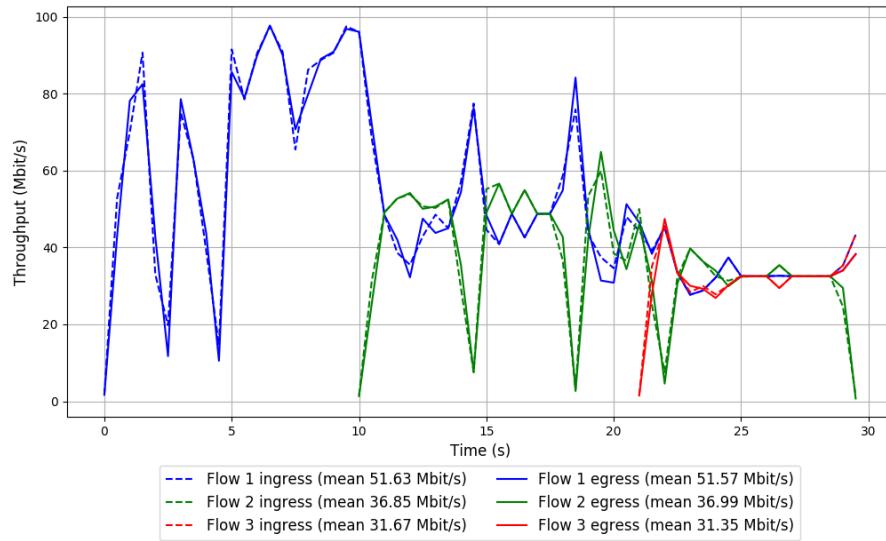


Run 2: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 02:18:43 +0000
End at: Tue, 01 Aug 2017 02:19:13 +0000
Local clock offset: 0.498 ms
Remote clock offset: -1.923 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.34 Mbit/s
95th percentile per-packet one-way delay: 74.660 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 51.57 Mbit/s
95th percentile per-packet one-way delay: 73.666 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 74.714 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 74.764 ms
Loss rate: 1.98%
```

Run 2: Report of Verus — Data Link

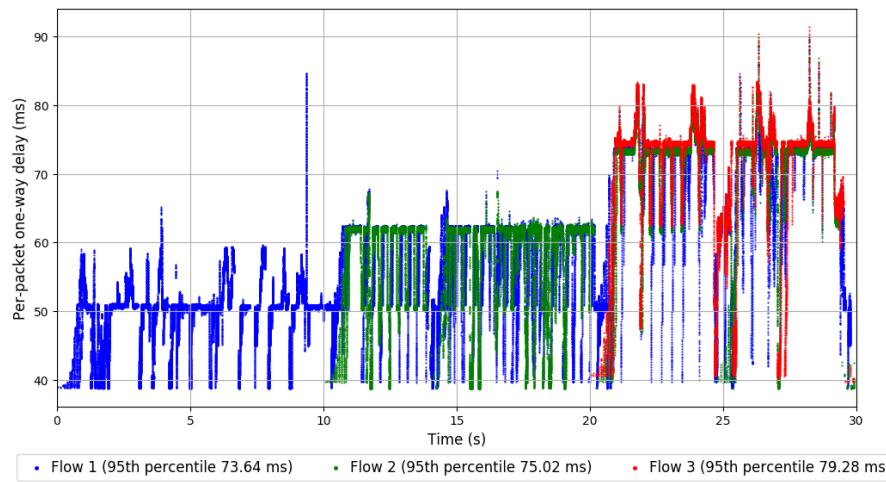
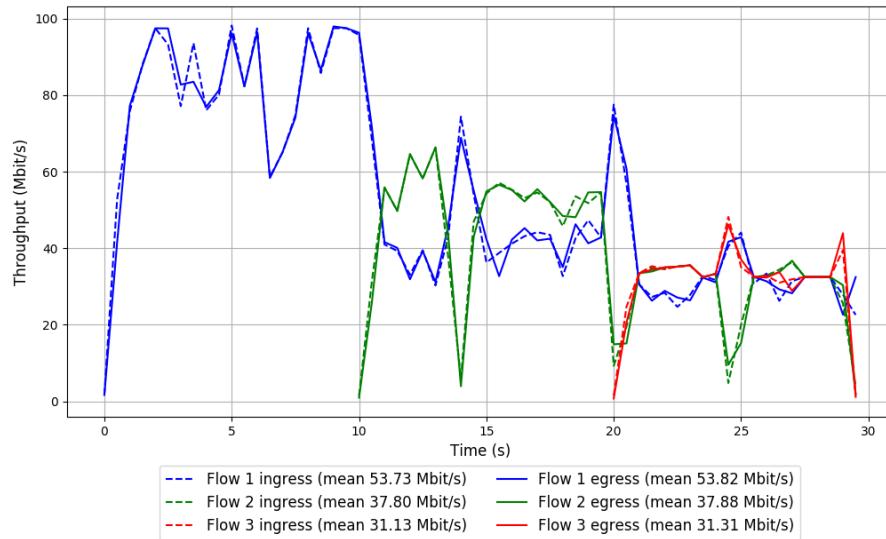


Run 3: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 02:39:43 +0000
End at: Tue, 01 Aug 2017 02:40:13 +0000
Local clock offset: 0.364 ms
Remote clock offset: -2.035 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.20 Mbit/s
95th percentile per-packet one-way delay: 74.752 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 73.638 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 75.021 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.31 Mbit/s
95th percentile per-packet one-way delay: 79.279 ms
Loss rate: 0.32%
```

Run 3: Report of Verus — Data Link

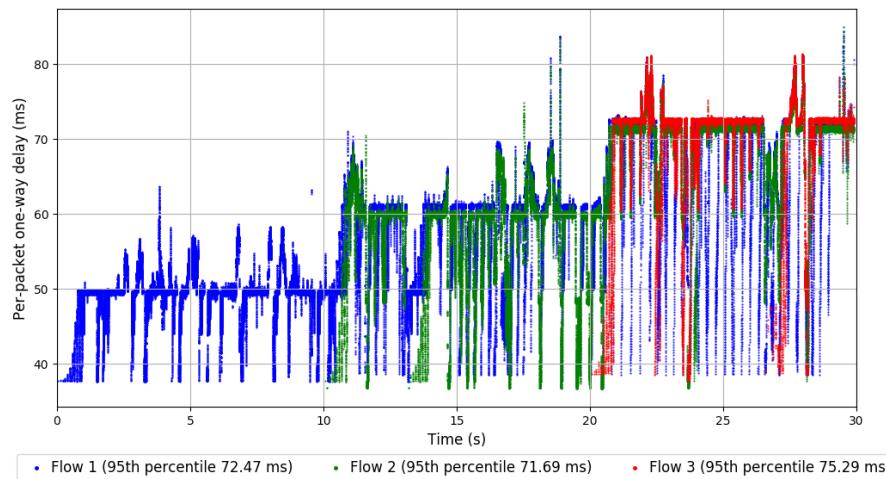
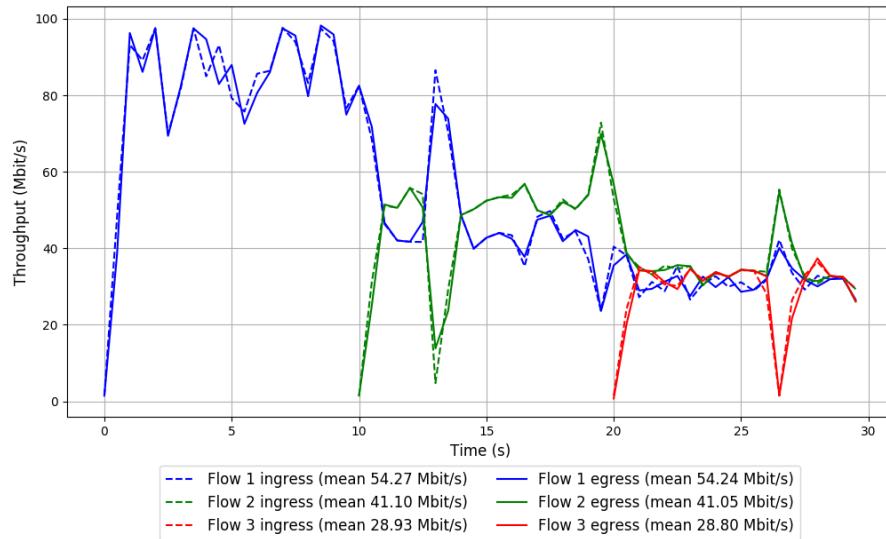


Run 4: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:00:56 +0000
End at: Tue, 01 Aug 2017 03:01:26 +0000
Local clock offset: 0.211 ms
Remote clock offset: 0.096 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 72.612 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 54.24 Mbit/s
95th percentile per-packet one-way delay: 72.465 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 41.05 Mbit/s
95th percentile per-packet one-way delay: 71.685 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 28.80 Mbit/s
95th percentile per-packet one-way delay: 75.293 ms
Loss rate: 1.48%
```

Run 4: Report of Verus — Data Link

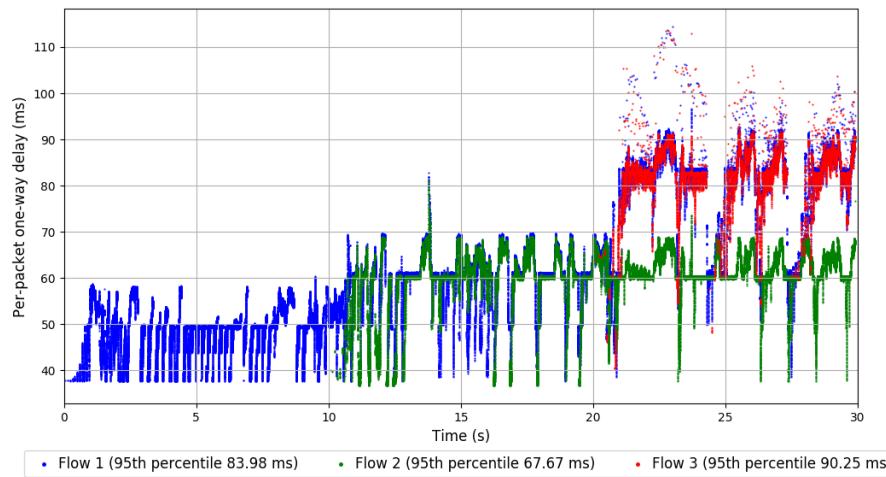
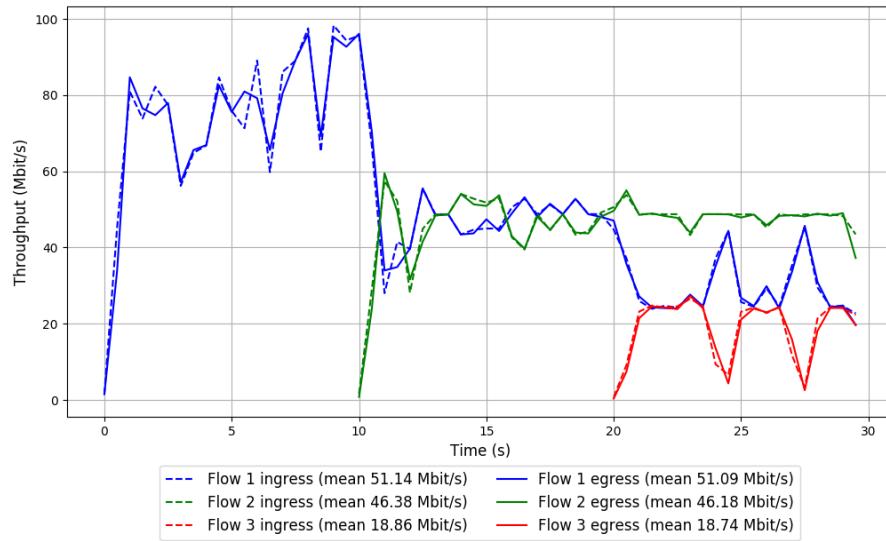


Run 5: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:22:00 +0000
End at: Tue, 01 Aug 2017 03:22:30 +0000
Local clock offset: 0.048 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.92 Mbit/s
95th percentile per-packet one-way delay: 84.686 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 51.09 Mbit/s
95th percentile per-packet one-way delay: 83.981 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 46.18 Mbit/s
95th percentile per-packet one-way delay: 67.674 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 90.254 ms
Loss rate: 1.97%
```

Run 5: Report of Verus — Data Link

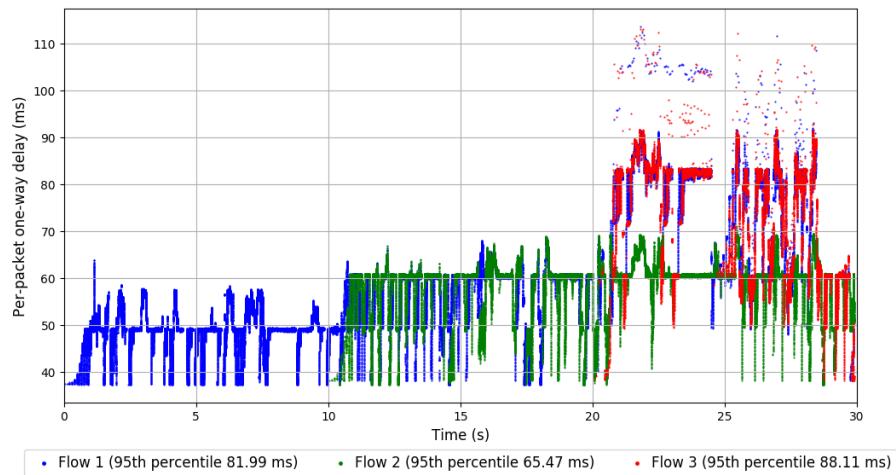
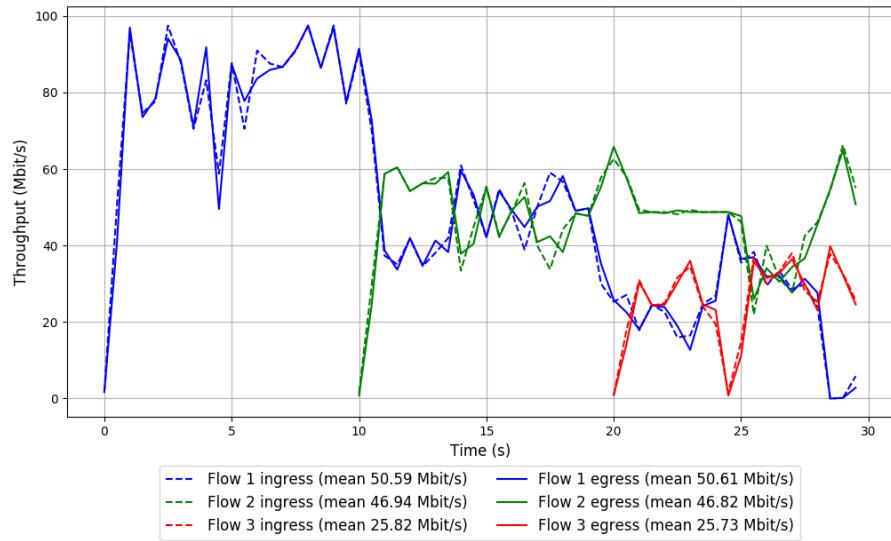


Run 6: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:43:08 +0000
End at: Tue, 01 Aug 2017 03:43:38 +0000
Local clock offset: -0.139 ms
Remote clock offset: 0.09 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 82.557 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 50.61 Mbit/s
95th percentile per-packet one-way delay: 81.992 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 65.472 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 25.73 Mbit/s
95th percentile per-packet one-way delay: 88.109 ms
Loss rate: 1.19%
```

Run 6: Report of Verus — Data Link

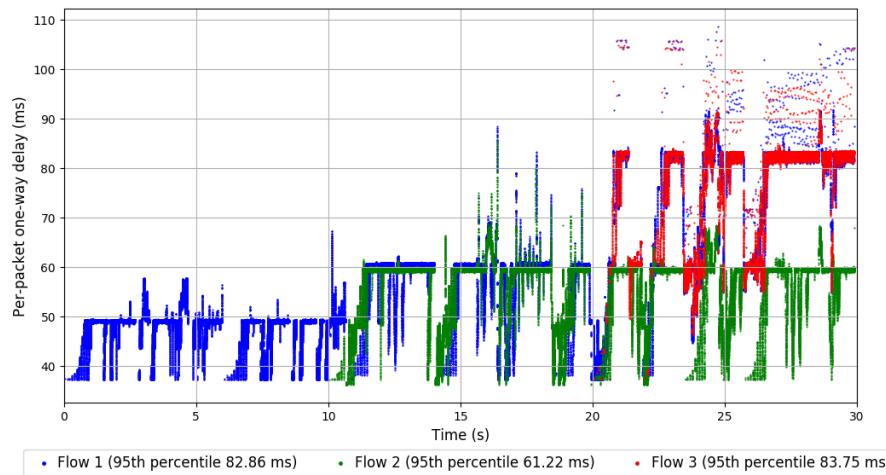
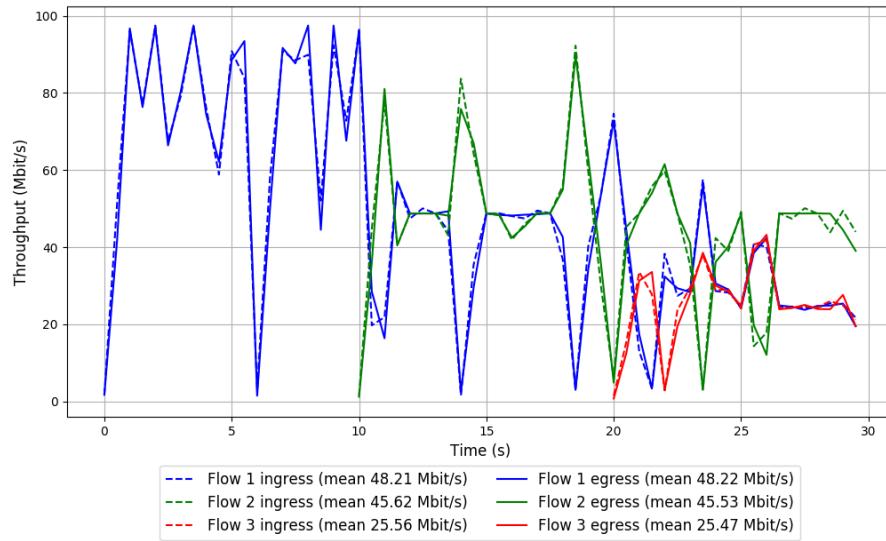


Run 7: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 04:04:23 +0000
End at: Tue, 01 Aug 2017 04:04:53 +0000
Local clock offset: -0.024 ms
Remote clock offset: -0.177 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.87 Mbit/s
95th percentile per-packet one-way delay: 82.954 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 48.22 Mbit/s
95th percentile per-packet one-way delay: 82.863 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 61.224 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 25.47 Mbit/s
95th percentile per-packet one-way delay: 83.751 ms
Loss rate: 1.10%
```

Run 7: Report of Verus — Data Link

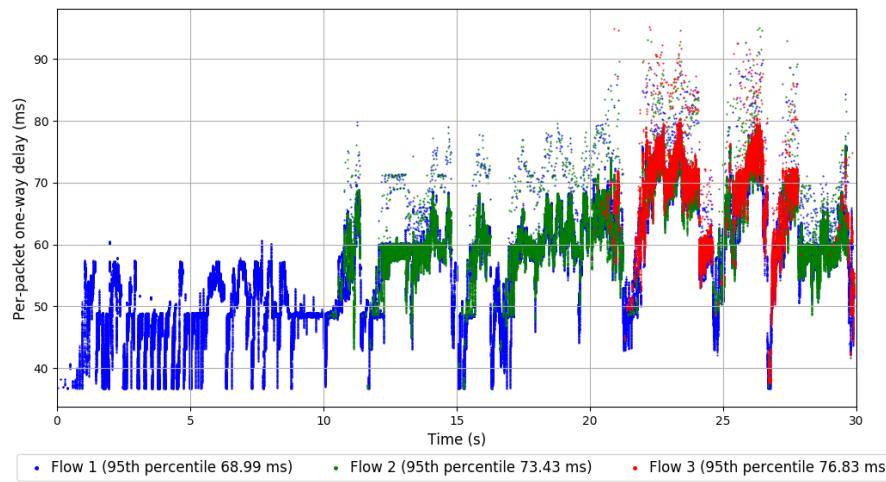
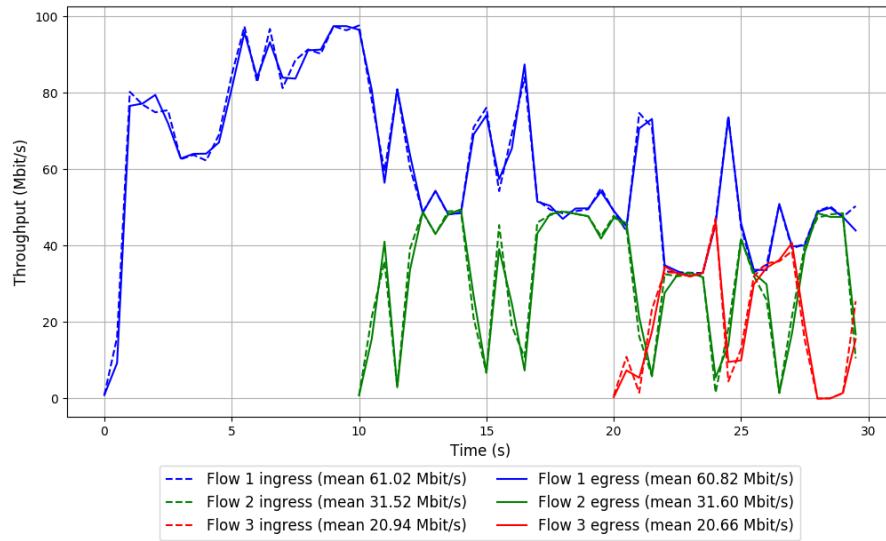


Run 8: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 04:25:28 +0000
End at: Tue, 01 Aug 2017 04:25:58 +0000
Local clock offset: 0.152 ms
Remote clock offset: -0.759 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 72.271 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 68.988 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 31.60 Mbit/s
95th percentile per-packet one-way delay: 73.429 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 20.66 Mbit/s
95th percentile per-packet one-way delay: 76.835 ms
Loss rate: 2.49%
```

Run 8: Report of Verus — Data Link

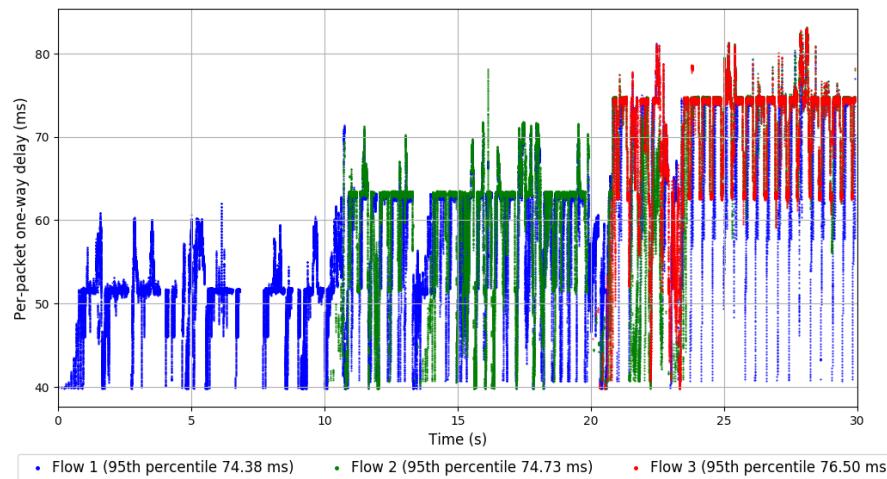
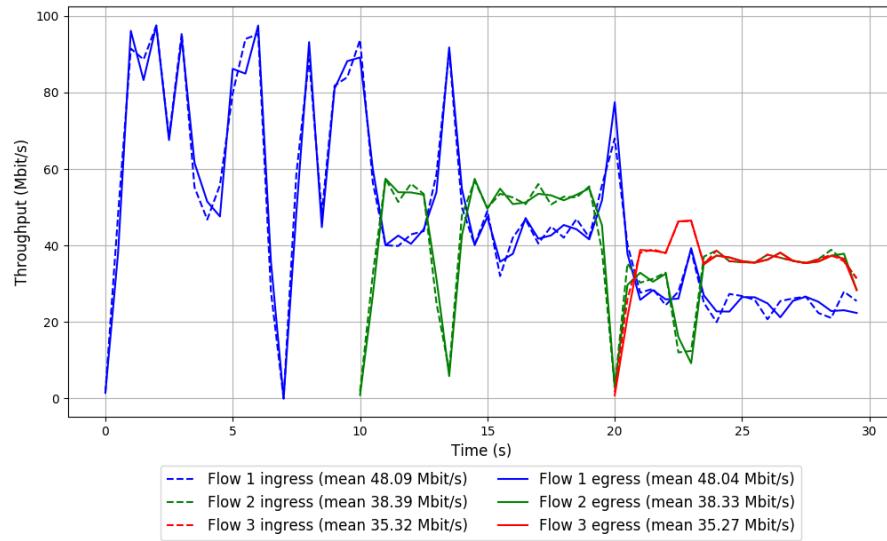


Run 9: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 04:46:59 +0000
End at: Tue, 01 Aug 2017 04:47:29 +0000
Local clock offset: 0.214 ms
Remote clock offset: -2.998 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:03:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.15 Mbit/s
95th percentile per-packet one-way delay: 74.644 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 48.04 Mbit/s
95th percentile per-packet one-way delay: 74.377 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 38.33 Mbit/s
95th percentile per-packet one-way delay: 74.732 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 35.27 Mbit/s
95th percentile per-packet one-way delay: 76.504 ms
Loss rate: 1.19%
```

Run 9: Report of Verus — Data Link

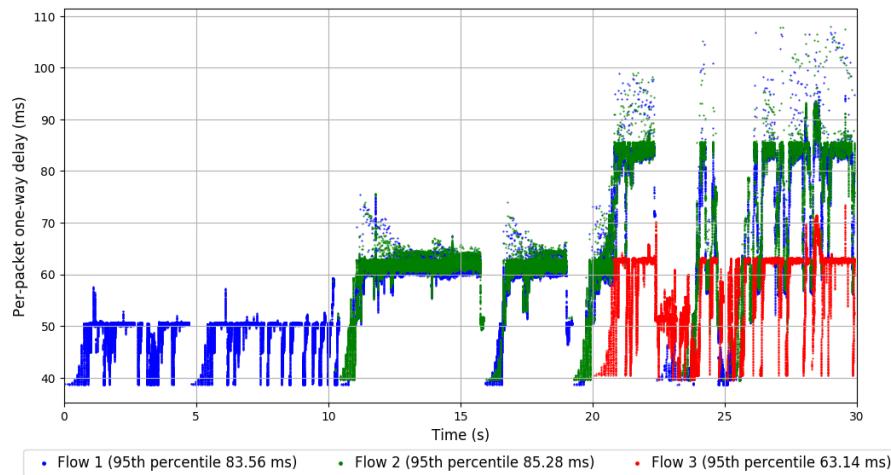
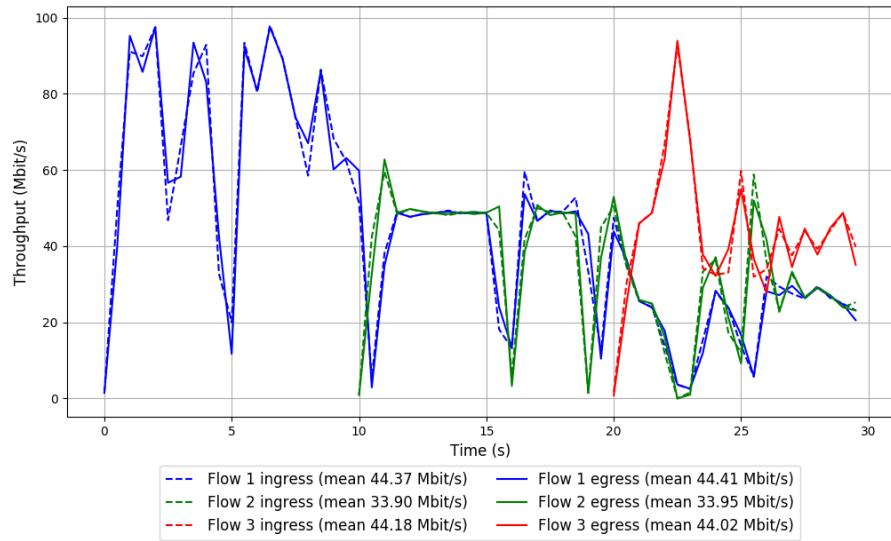


Run 10: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 05:08:19 +0000
End at: Tue, 01 Aug 2017 05:08:49 +0000
Local clock offset: 0.163 ms
Remote clock offset: -2.974 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.47 Mbit/s
95th percentile per-packet one-way delay: 84.061 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 44.41 Mbit/s
95th percentile per-packet one-way delay: 83.565 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 33.95 Mbit/s
95th percentile per-packet one-way delay: 85.278 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 44.02 Mbit/s
95th percentile per-packet one-way delay: 63.137 ms
Loss rate: 1.26%
```

Run 10: Report of Verus — Data Link

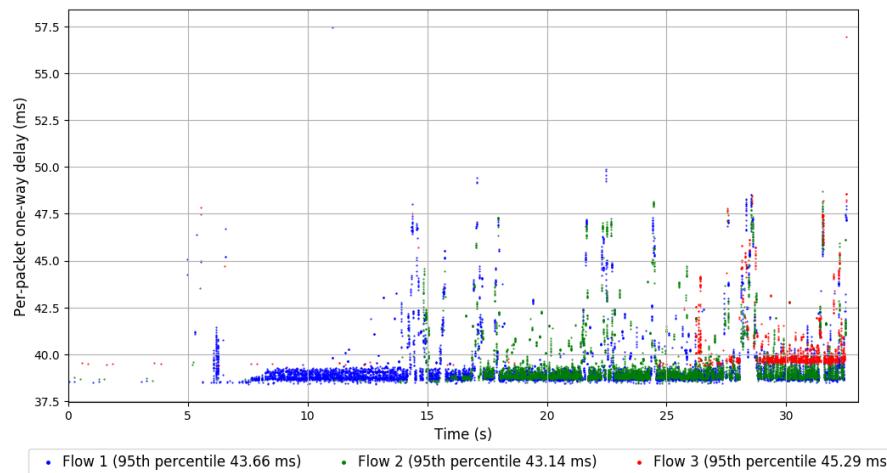
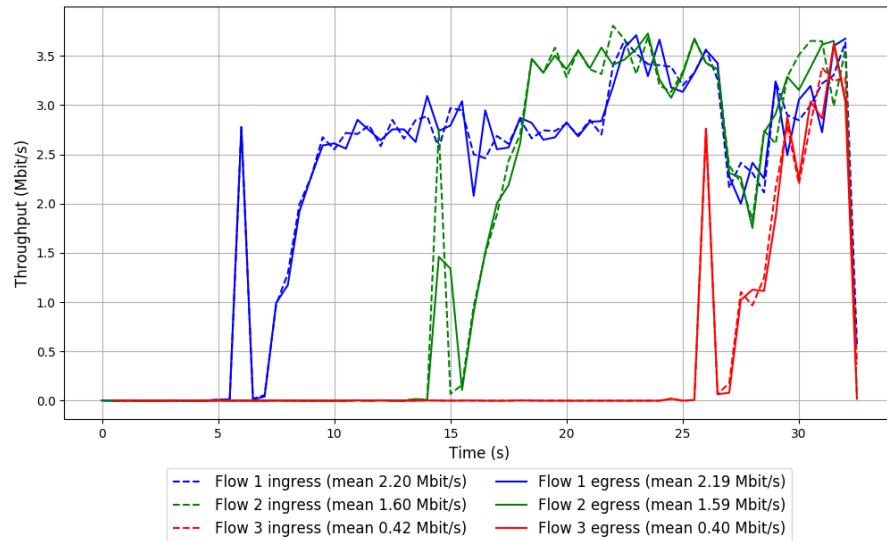


```
Run 1: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 01:56:01 +0000
End at: Tue, 01 Aug 2017 01:56:31 +0000
Local clock offset: 0.576 ms
Remote clock offset: -1.681 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 43.727 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 43.658 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 43.137 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 45.286 ms
Loss rate: 3.04%
```

Run 1: Report of WebRTC media — Data Link

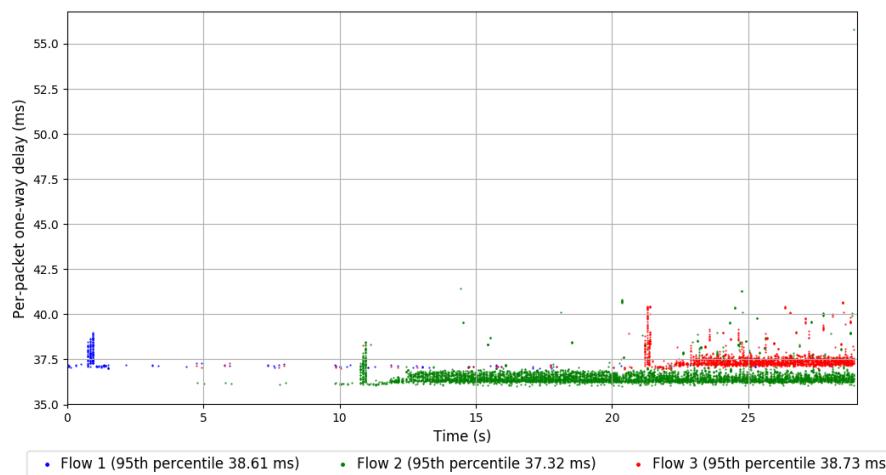
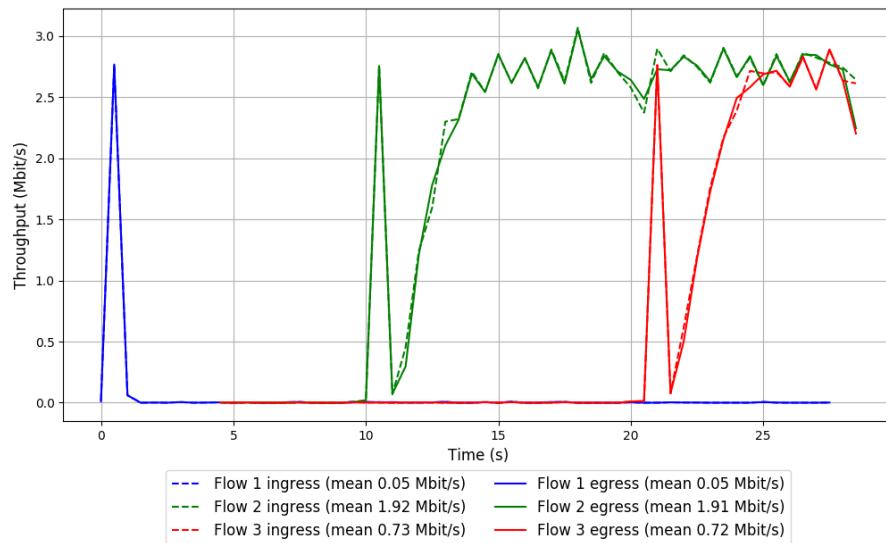


Run 2: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 02:17:23 +0000
End at: Tue, 01 Aug 2017 02:17:53 +0000
Local clock offset: 0.5 ms
Remote clock offset: 0.675 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 38.079 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 38.609 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 37.321 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 38.731 ms
Loss rate: 1.76%
```

Run 2: Report of WebRTC media — Data Link

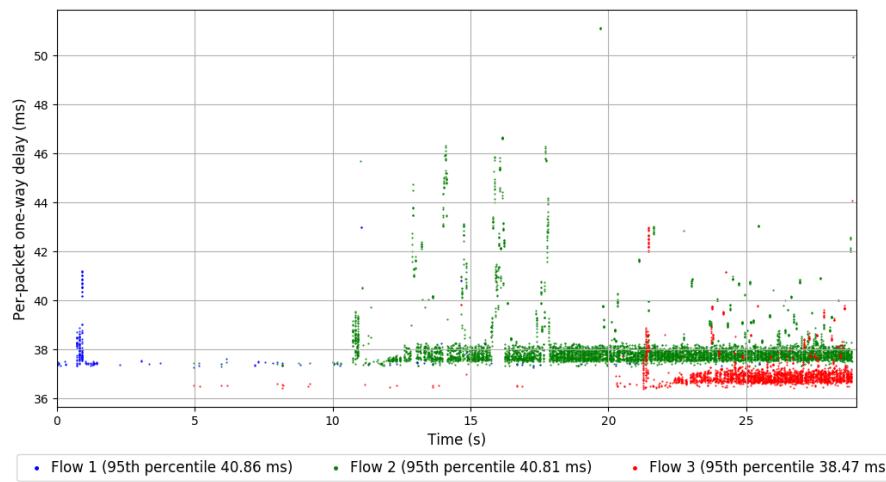
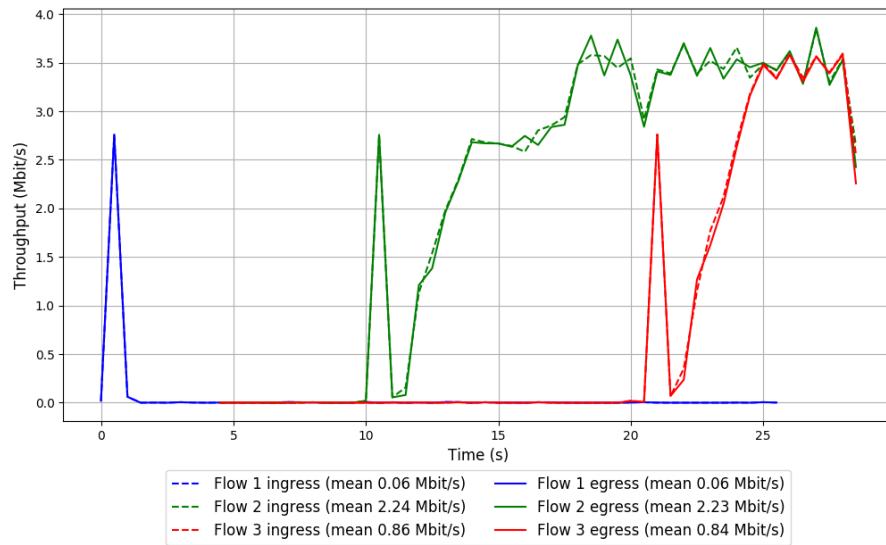


```
Run 3: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 02:38:24 +0000
End at: Tue, 01 Aug 2017 02:38:54 +0000
Local clock offset: 0.261 ms
Remote clock offset: 0.08 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 40.258 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 40.860 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 40.813 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 38.472 ms
Loss rate: 1.70%
```

Run 3: Report of WebRTC media — Data Link

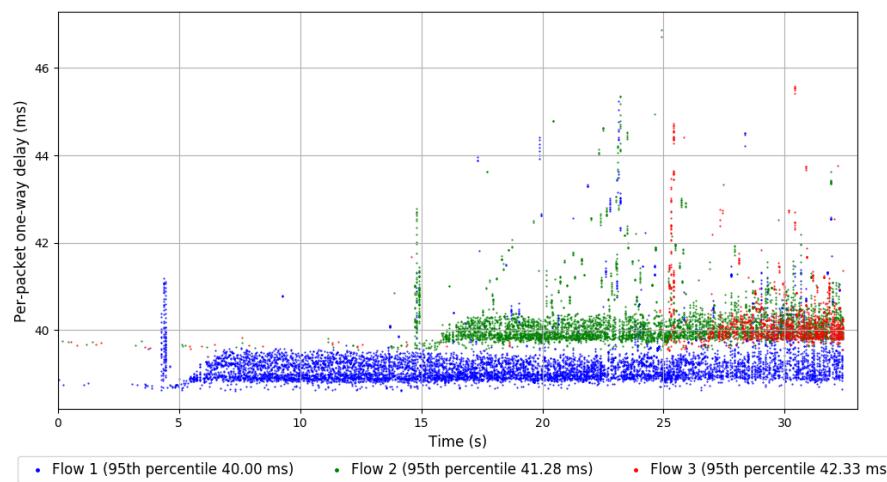
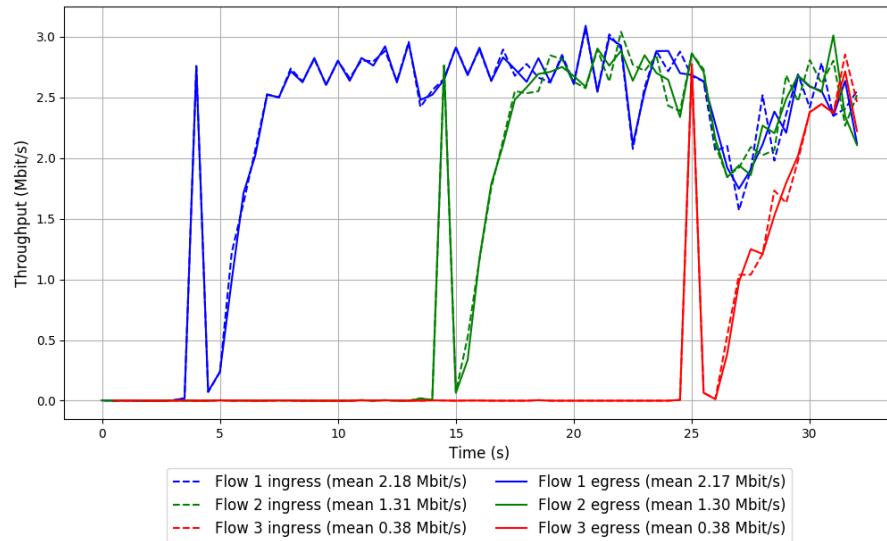


Run 4: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 02:59:36 +0000
End at: Tue, 01 Aug 2017 03:00:06 +0000
Local clock offset: 0.226 ms
Remote clock offset: -1.981 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 40.950 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 39.996 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 41.280 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 42.333 ms
Loss rate: 1.54%
```

Run 4: Report of WebRTC media — Data Link

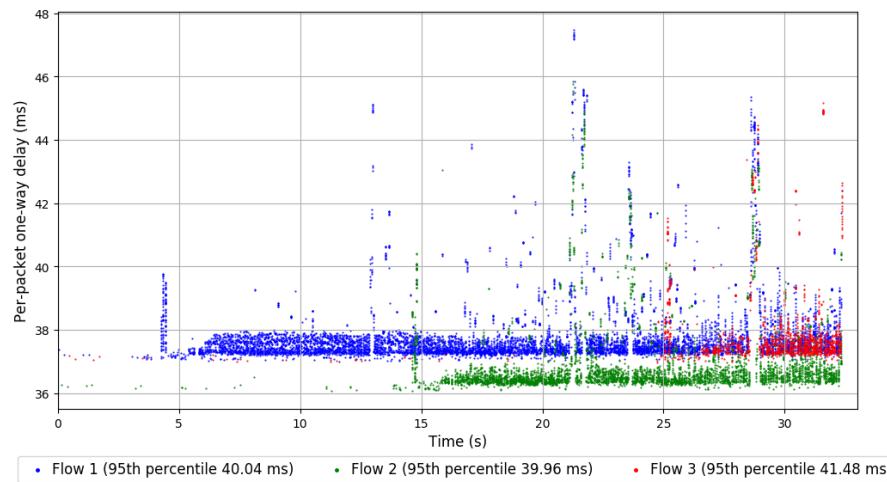
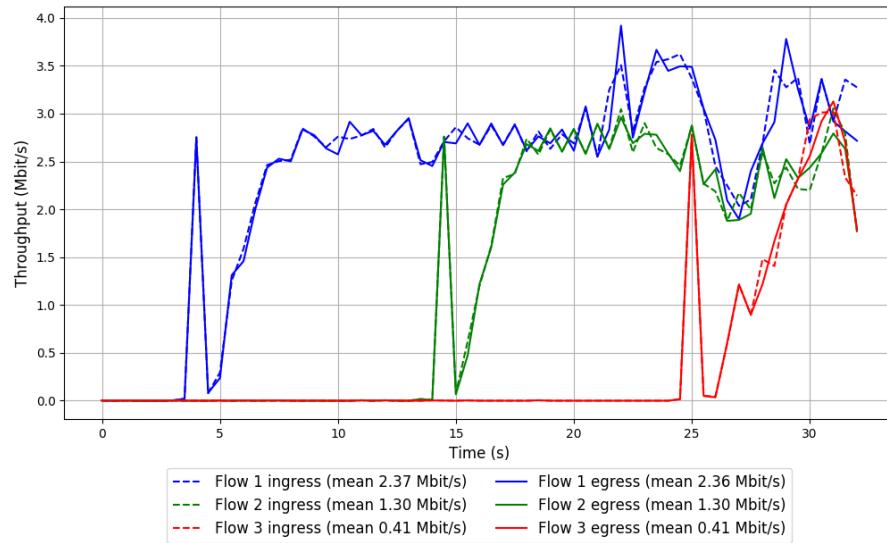


Run 5: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:20:40 +0000
End at: Tue, 01 Aug 2017 03:21:10 +0000
Local clock offset: 0.06 ms
Remote clock offset: 0.442 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.06 Mbit/s
95th percentile per-packet one-way delay: 40.233 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 40.039 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 39.962 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 41.475 ms
Loss rate: 1.36%
```

Run 5: Report of WebRTC media — Data Link

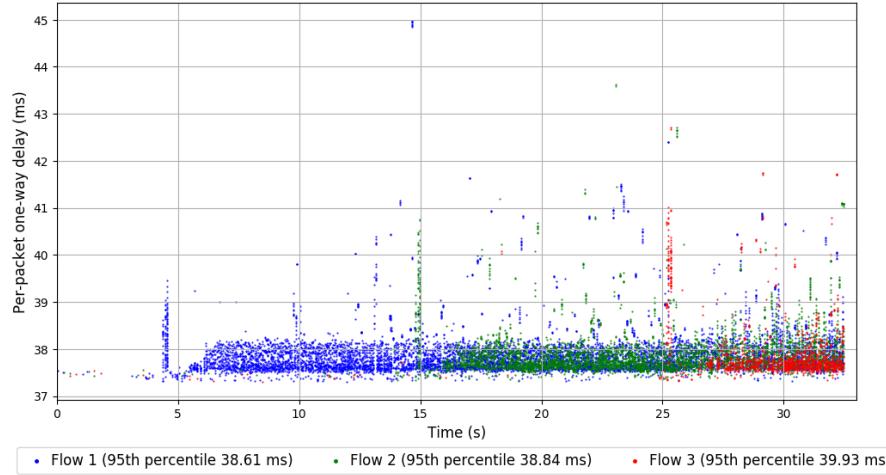
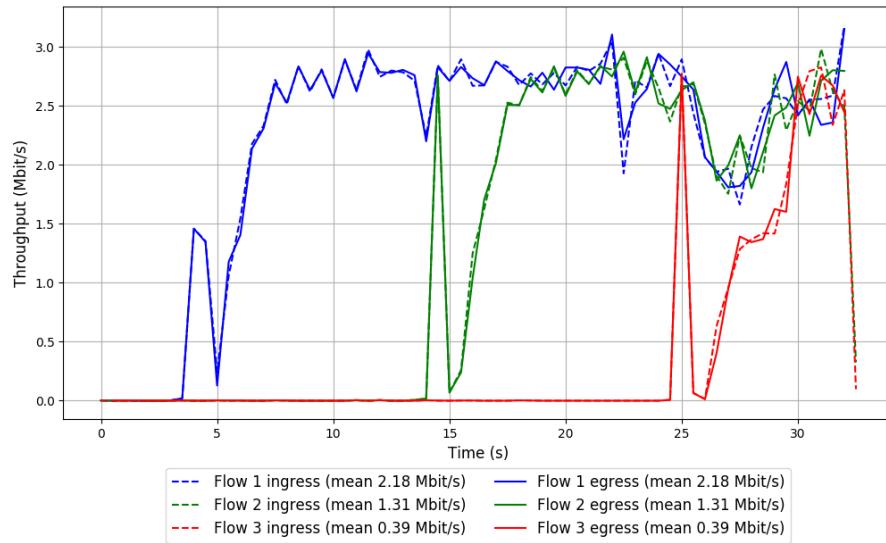


Run 6: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:41:49 +0000
End at: Tue, 01 Aug 2017 03:42:19 +0000
Local clock offset: -0.165 ms
Remote clock offset: -0.224 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 38.801 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 38.610 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 38.838 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 39.930 ms
Loss rate: 1.54%
```

Run 6: Report of WebRTC media — Data Link

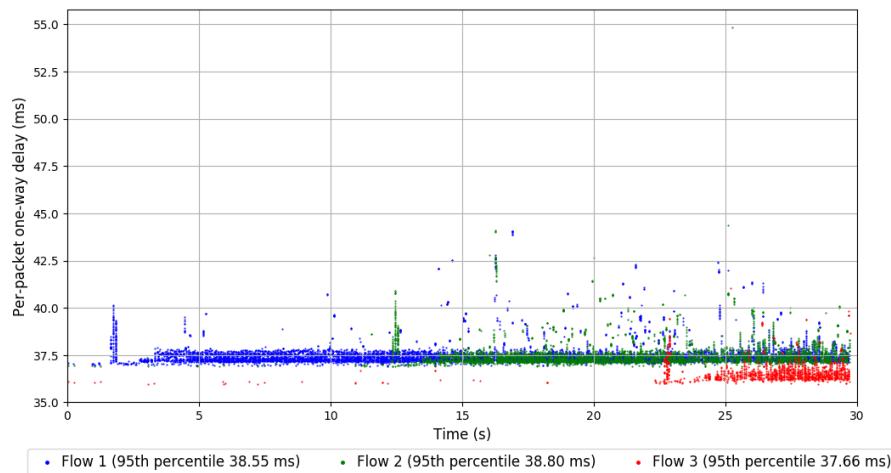
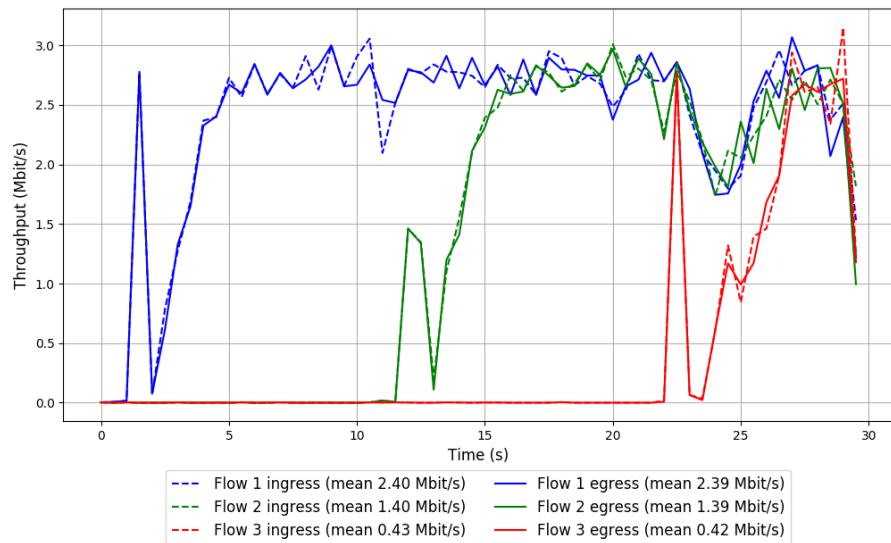


Run 7: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:03:03 +0000
End at: Tue, 01 Aug 2017 04:03:33 +0000
Local clock offset: -0.047 ms
Remote clock offset: -0.115 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 38.577 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 38.551 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 38.803 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 37.663 ms
Loss rate: 1.96%
```

Run 7: Report of WebRTC media — Data Link

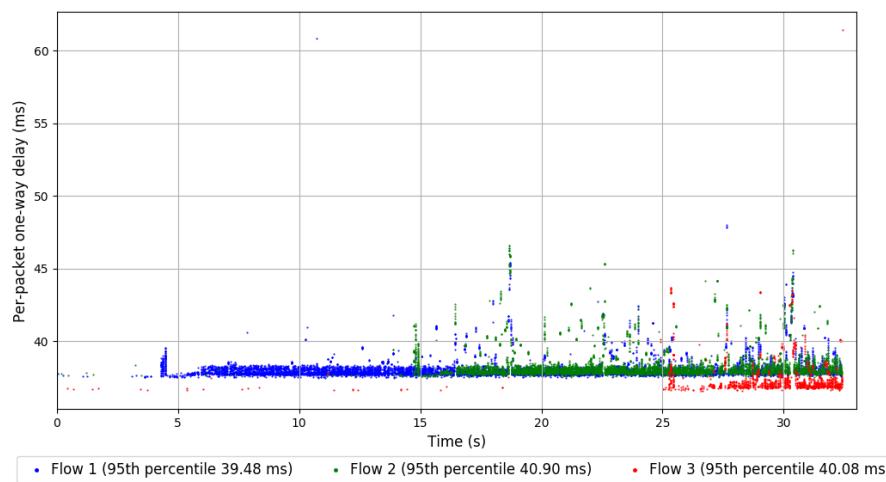
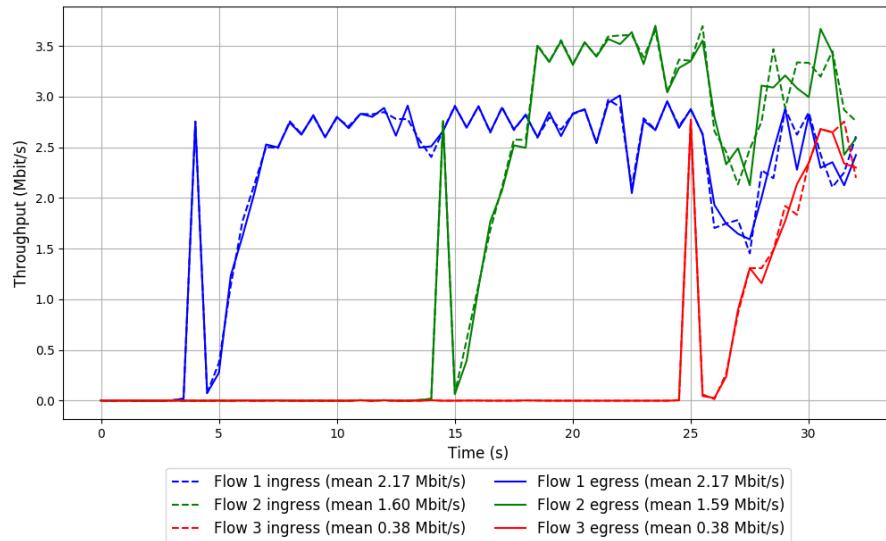


Run 8: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:24:08 +0000
End at: Tue, 01 Aug 2017 04:24:38 +0000
Local clock offset: 0.16 ms
Remote clock offset: -0.797 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 40.102 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 39.481 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 40.901 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 40.080 ms
Loss rate: 1.28%
```

Run 8: Report of WebRTC media — Data Link

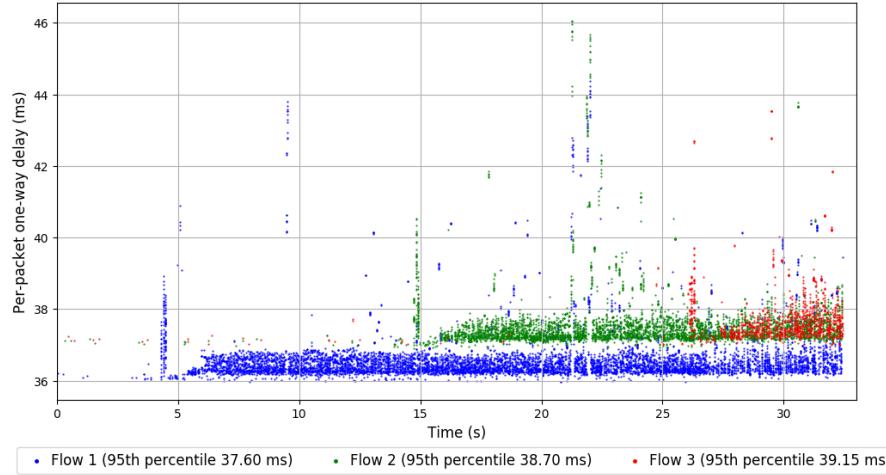
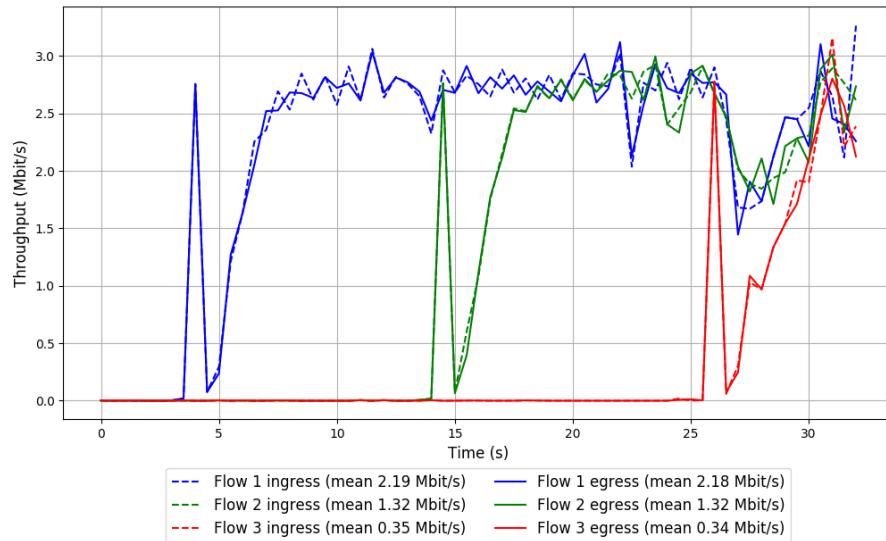


Run 9: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:45:39 +0000
End at: Tue, 01 Aug 2017 04:46:09 +0000
Local clock offset: 0.22 ms
Remote clock offset: -0.336 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 38.405 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 37.596 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 38.698 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 39.147 ms
Loss rate: 1.19%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 05:06:59 +0000
End at: Tue, 01 Aug 2017 05:07:29 +0000
Local clock offset: 0.167 ms
Remote clock offset: -0.494 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 06:04:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.81 Mbit/s
95th percentile per-packet one-way delay: 38.381 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 38.436 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 37.927 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 38.718 ms
Loss rate: 1.87%
```

Run 10: Report of WebRTC media — Data Link

