

**Pantheon Summary** (Generated at Mon, 10 Jul 2017 02:56:11 +0000 with pantheon version c3610718e2bbac84102e8ac47b889a75d4392d79)

Repeated the test of 15 congestion control schemes 10 times.

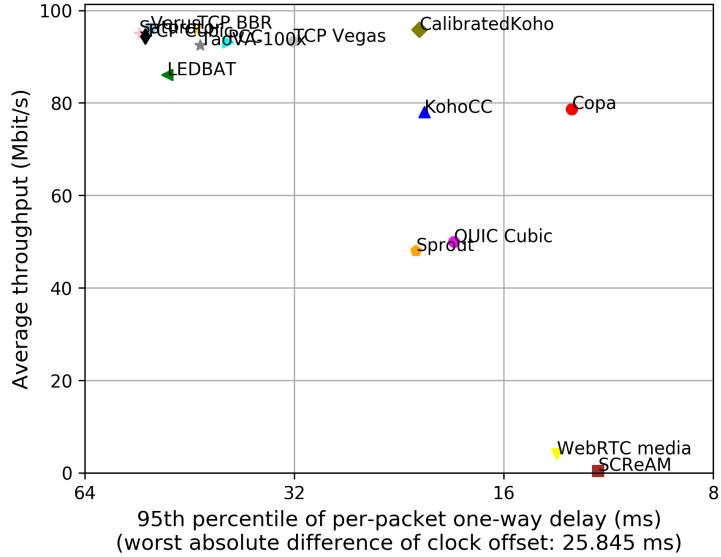
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

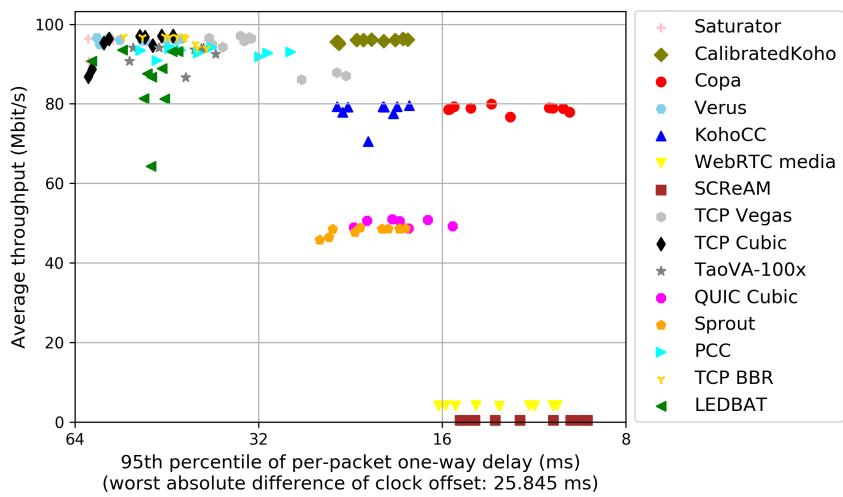
NTP offset measured against nets.org.sg.

```
git branch: master @ c3610718e2bbac84102e8ac47b889a75d4392d79
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



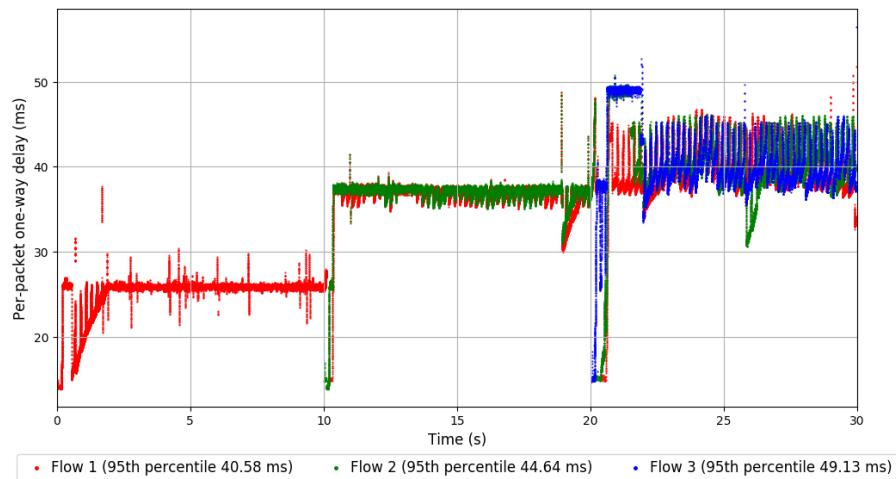
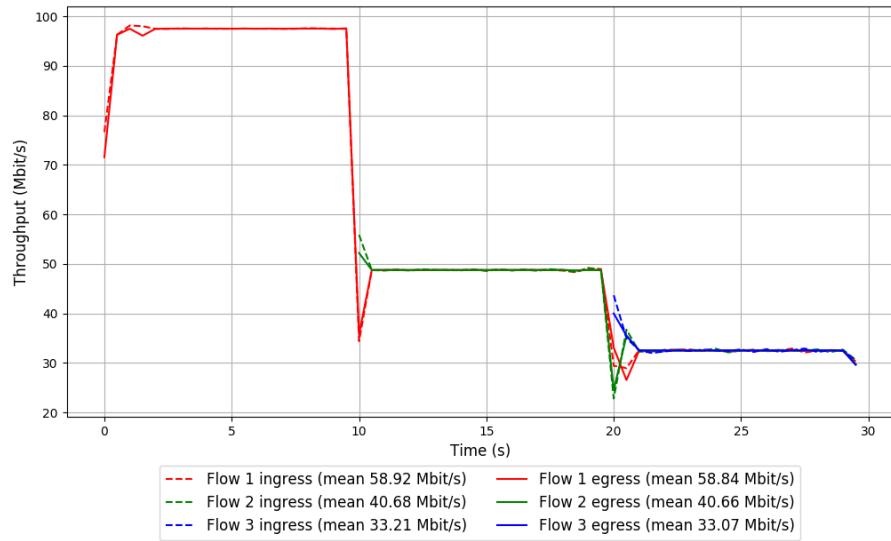
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	58.84	40.06	31.79	40.08	45.01	48.69	0.22	0.25	0.61
CalibratedKoho	10	55.51	44.10	33.13	20.71	21.37	21.43	0.18	0.17	0.38
Copa	10	43.48	37.43	30.98	12.54	12.88	13.20	0.22	0.19	0.32
TCP Cubic	10	56.19	41.42	36.47	49.66	52.81	45.47	0.29	0.40	0.86
KohoCC	10	41.12	37.42	33.16	19.42	21.13	20.42	0.11	0.15	0.33
LEDBAT	10	52.05	37.54	27.93	43.23	48.80	49.00	0.21	0.37	0.84
PCC	10	60.93	39.37	18.02	38.75	38.48	31.06	2.65	4.48	7.09
QUIC Cubic	10	70.14	71.40	71.10	17.67	17.52	17.83	0.06	0.12	0.16
Saturator	10	58.00	38.16	34.74	46.12	53.69	46.50	0.20	0.32	0.67
SCReAM	10	0.21	0.21	0.22	11.73	11.70	11.71	0.06	0.10	0.11
Sprout	10	24.16	24.13	23.55	21.03	21.35	22.33	0.15	0.16	0.34
TaoVA-100x	10	53.88	38.26	37.36	43.53	44.03	37.19	0.27	0.34	0.69
TCP Vegas	10	56.10	37.31	37.14	28.06	30.37	34.24	0.11	0.15	0.34
Verus	10	57.89	41.19	32.65	48.38	47.69	47.83	0.20	0.28	0.63
WebRTC media	10	2.30	1.36	0.45	13.30	13.46	13.94	0.13	0.10	0.54

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

```
Start at: Sun, 09 Jul 2017 23:05:30 +0000
End at: Sun, 09 Jul 2017 23:06:00 +0000
Local clock offset: 1.863 ms
Remote clock offset: -17.467 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:42:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 43.593 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 58.84 Mbit/s
95th percentile per-packet one-way delay: 40.576 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 44.643 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 49.129 ms
Loss rate: 0.52%
```

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

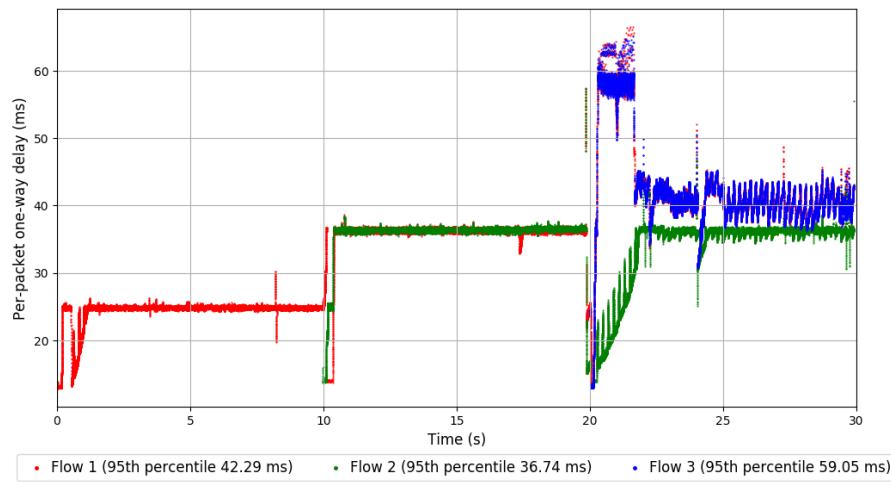
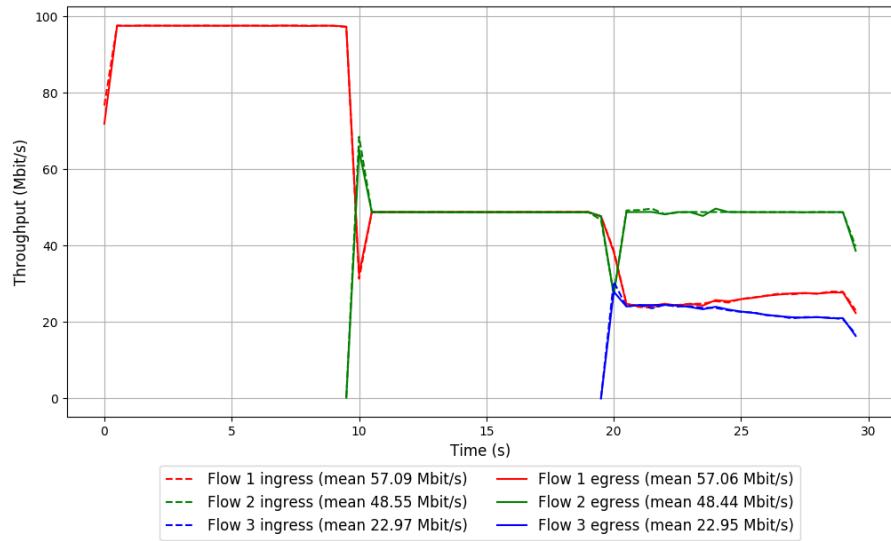


Run 2: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:23:30 +0000
End at: Sun, 09 Jul 2017 23:24:00 +0000
Local clock offset: -1.372 ms
Remote clock offset: -17.241 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:42:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 42.585 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 57.06 Mbit/s
95th percentile per-packet one-way delay: 42.293 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 48.44 Mbit/s
95th percentile per-packet one-way delay: 36.738 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 22.95 Mbit/s
95th percentile per-packet one-way delay: 59.045 ms
Loss rate: 0.44%
```

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

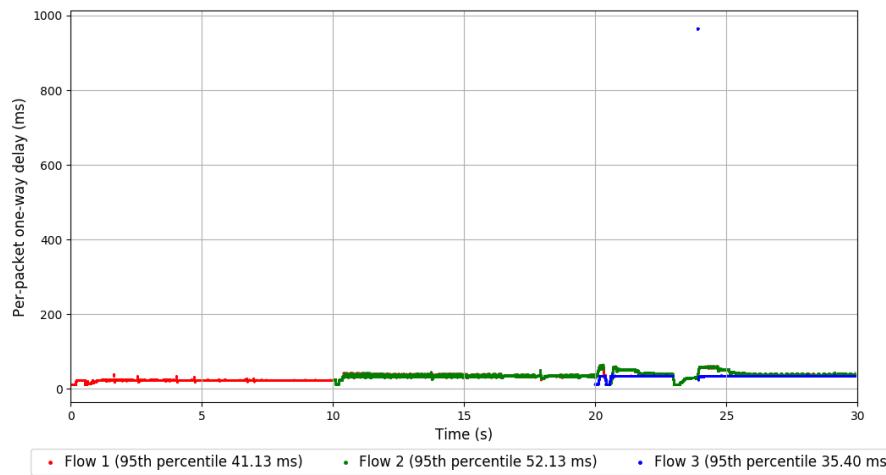
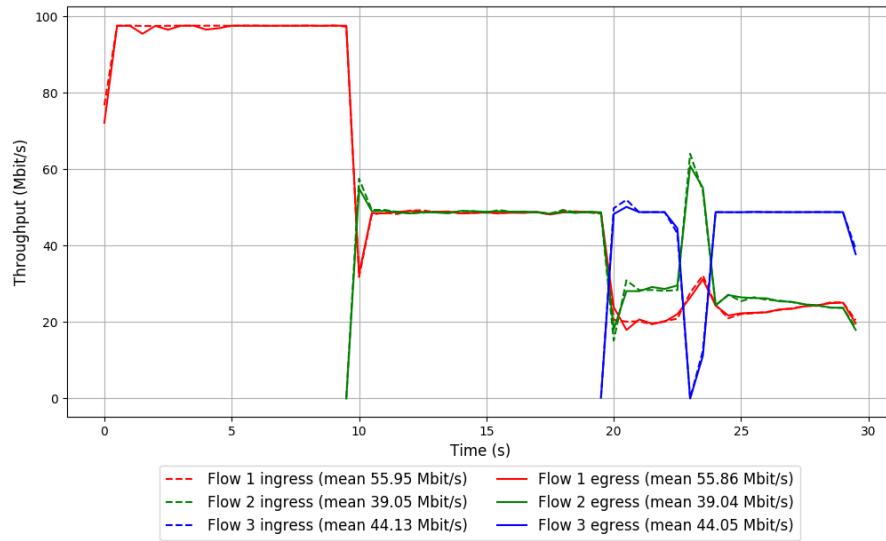


Run 3: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:41:29 +0000
End at: Sun, 09 Jul 2017 23:41:59 +0000
Local clock offset: 2.131 ms
Remote clock offset: -18.885 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:42:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 42.228 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 41.134 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 39.04 Mbit/s
95th percentile per-packet one-way delay: 52.134 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 35.403 ms
Loss rate: 0.54%
```

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

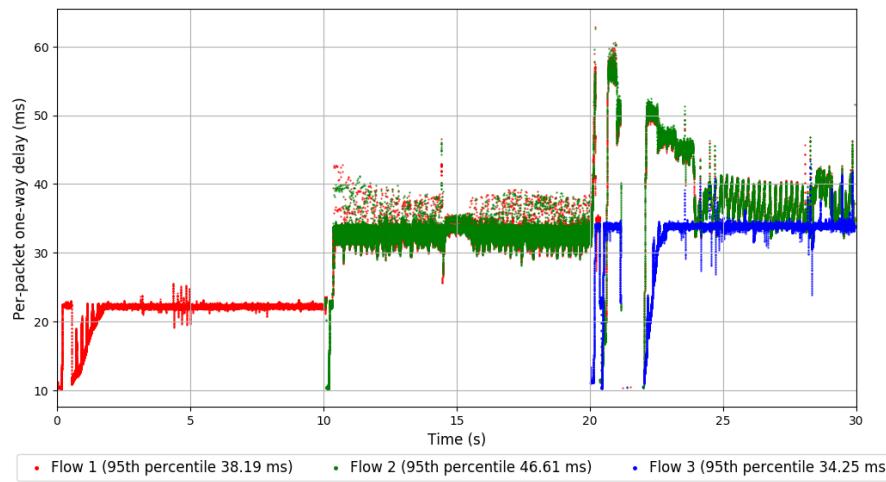
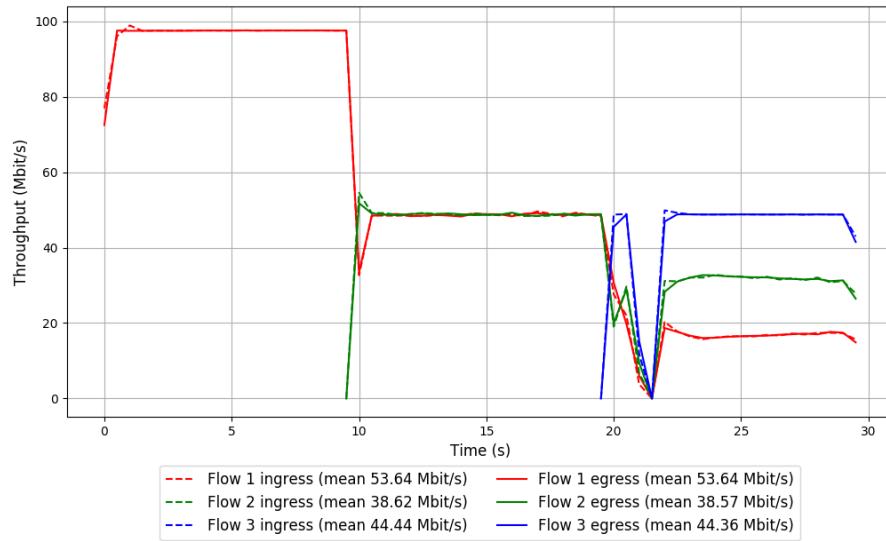


Run 4: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:59:36 +0000
End at: Mon, 10 Jul 2017 00:00:06 +0000
Local clock offset: 2.391 ms
Remote clock offset: -18.226 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:42:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 40.351 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 53.64 Mbit/s
95th percentile per-packet one-way delay: 38.189 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 46.612 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 44.36 Mbit/s
95th percentile per-packet one-way delay: 34.253 ms
Loss rate: 0.54%
```

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

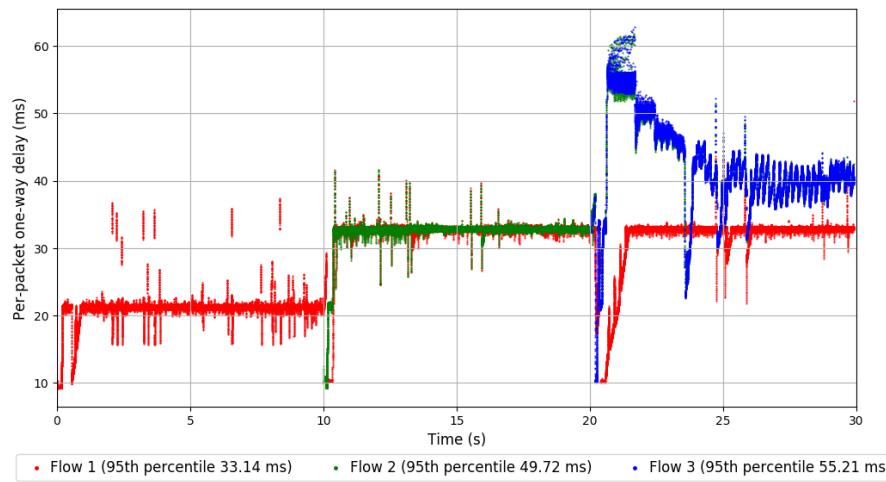
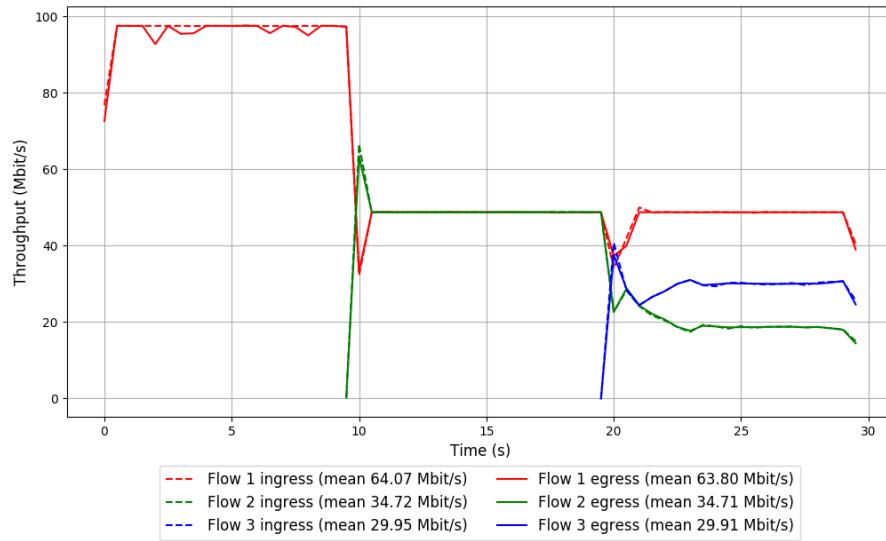


Run 5: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:17:45 +0000
End at: Mon, 10 Jul 2017 00:18:15 +0000
Local clock offset: 0.375 ms
Remote clock offset: -19.121 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:42:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 44.833 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 63.80 Mbit/s
95th percentile per-packet one-way delay: 33.141 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 49.722 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 55.206 ms
Loss rate: 0.60%
```

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

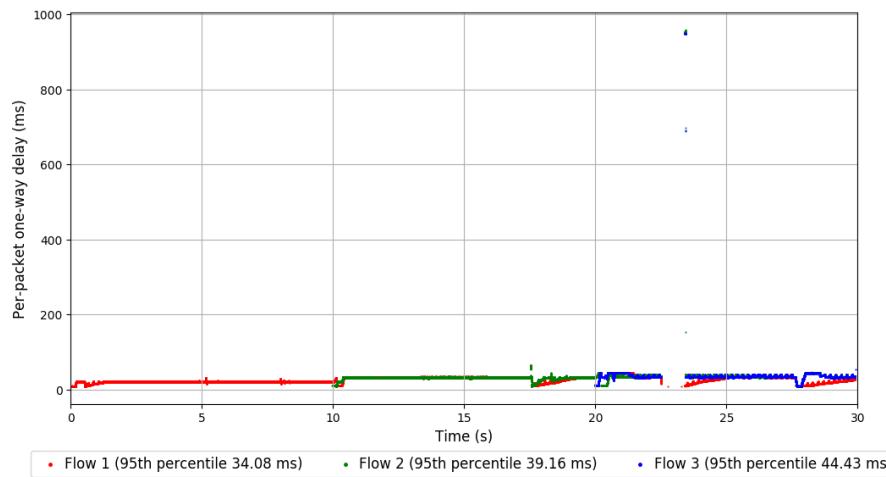
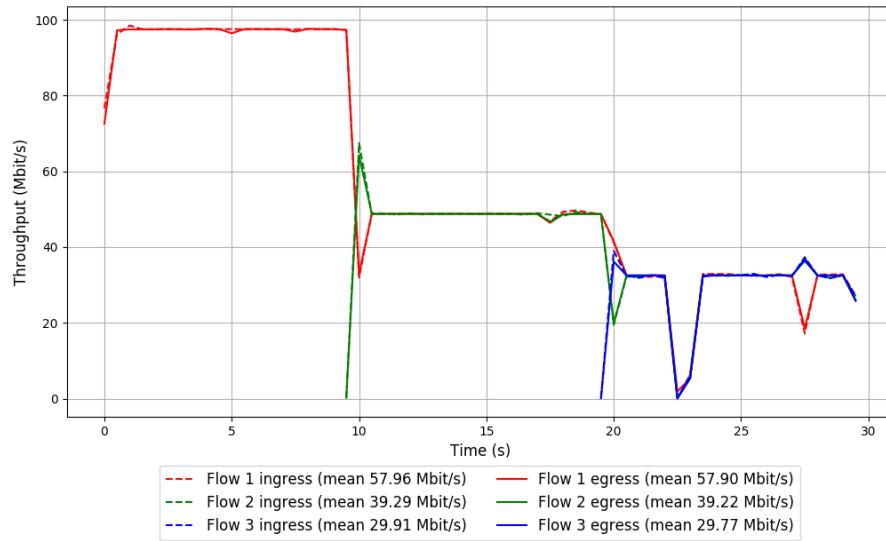


Run 6: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:35:52 +0000
End at: Mon, 10 Jul 2017 00:36:22 +0000
Local clock offset: 1.123 ms
Remote clock offset: -18.503 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:42:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.91 Mbit/s
95th percentile per-packet one-way delay: 38.981 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 34.080 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 39.22 Mbit/s
95th percentile per-packet one-way delay: 39.157 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 29.77 Mbit/s
95th percentile per-packet one-way delay: 44.430 ms
Loss rate: 0.56%
```

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

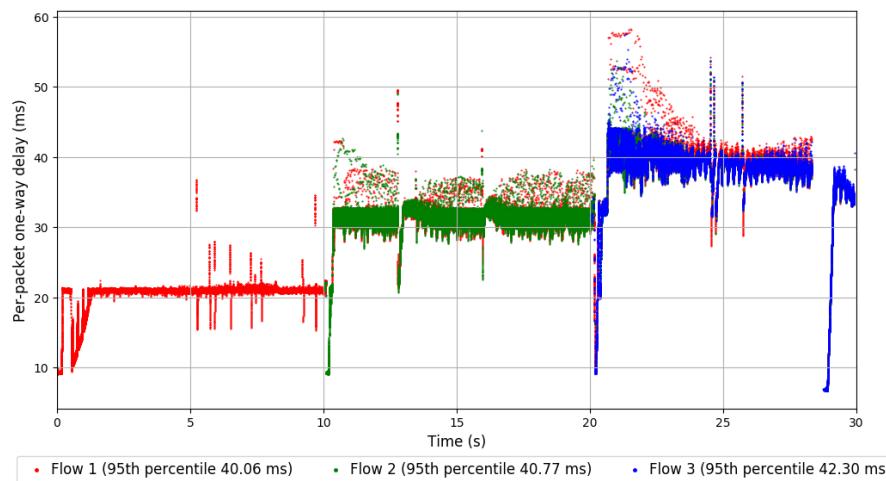
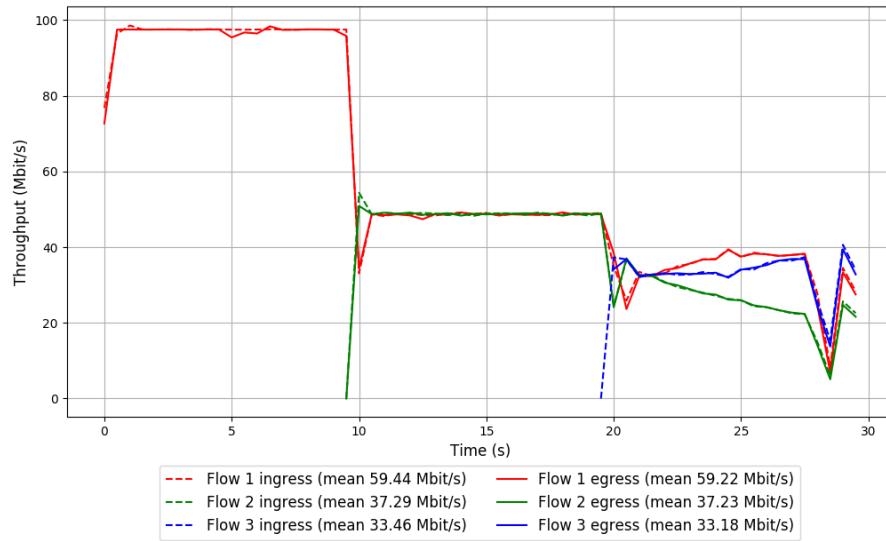


Run 7: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:53:54 +0000
End at: Mon, 10 Jul 2017 00:54:24 +0000
Local clock offset: 3.658 ms
Remote clock offset: -20.585 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 40.662 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 59.22 Mbit/s
95th percentile per-packet one-way delay: 40.061 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 37.23 Mbit/s
95th percentile per-packet one-way delay: 40.767 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 33.18 Mbit/s
95th percentile per-packet one-way delay: 42.297 ms
Loss rate: 1.25%
```

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

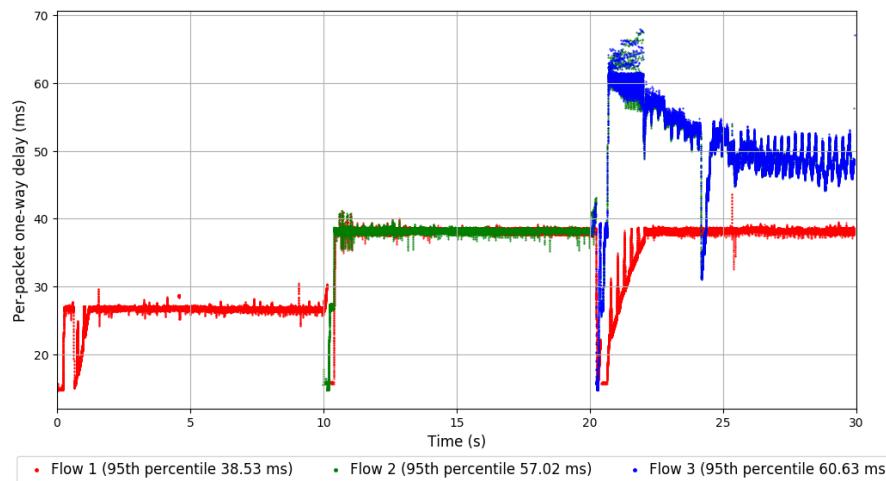
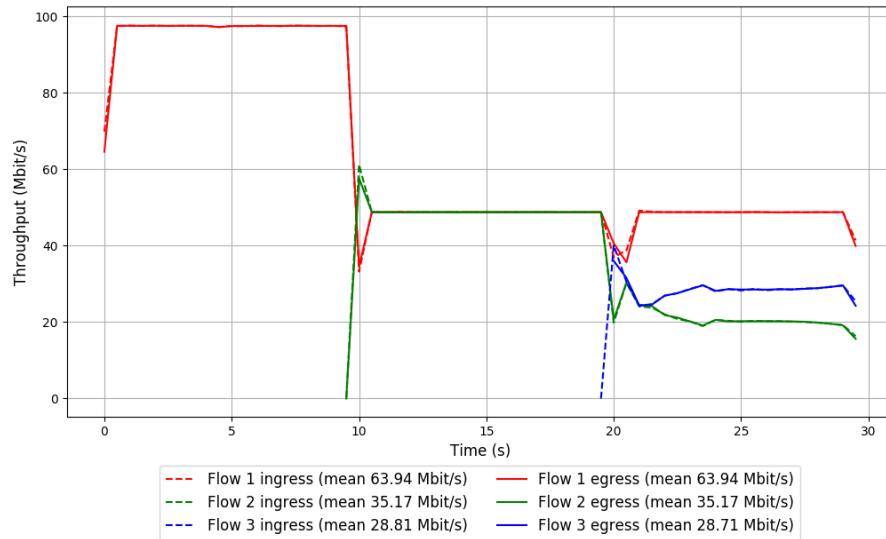


Run 8: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:12:06 +0000
End at: Mon, 10 Jul 2017 01:12:36 +0000
Local clock offset: 2.876 ms
Remote clock offset: -21.347 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 53.311 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 63.94 Mbit/s
95th percentile per-packet one-way delay: 38.533 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 35.17 Mbit/s
95th percentile per-packet one-way delay: 57.019 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 28.71 Mbit/s
95th percentile per-packet one-way delay: 60.633 ms
Loss rate: 0.69%
```

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

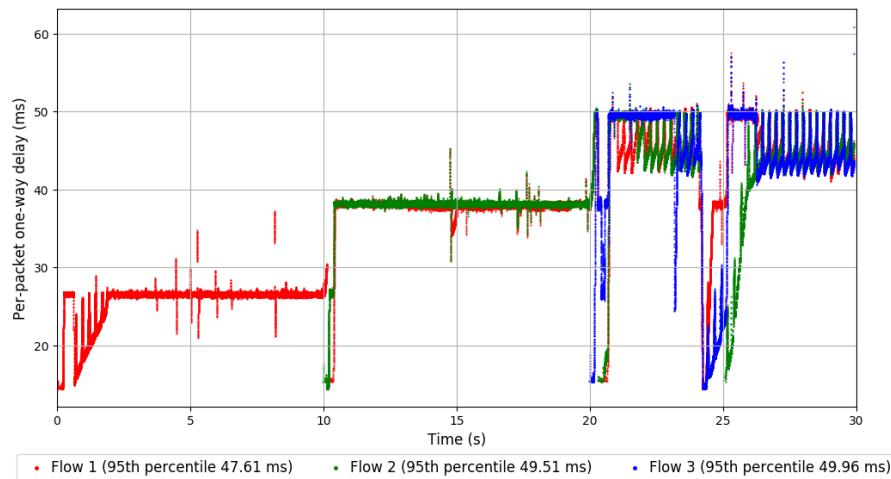
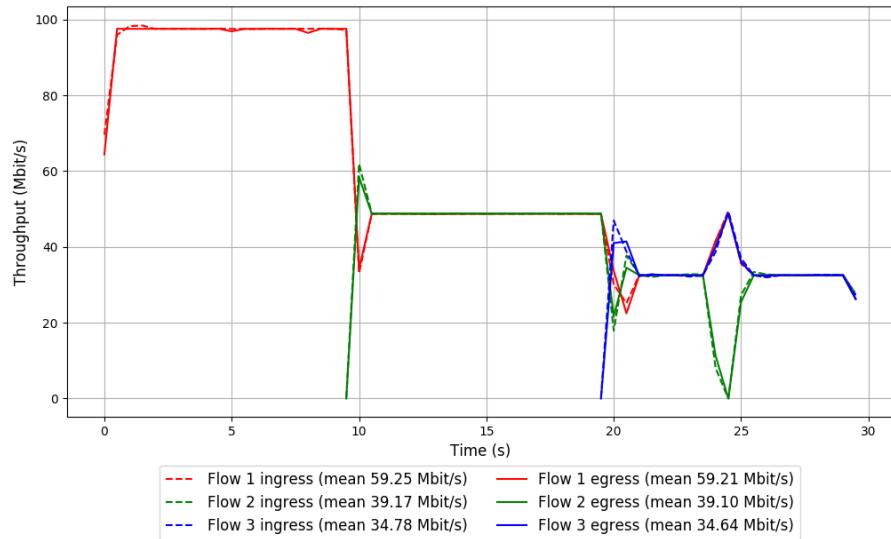


Run 9: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:30:35 +0000
End at: Mon, 10 Jul 2017 01:31:05 +0000
Local clock offset: 0.12 ms
Remote clock offset: -21.975 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 49.615 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 47.608 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 39.10 Mbit/s
95th percentile per-packet one-way delay: 49.513 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 34.64 Mbit/s
95th percentile per-packet one-way delay: 49.963 ms
Loss rate: 0.61%
```

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

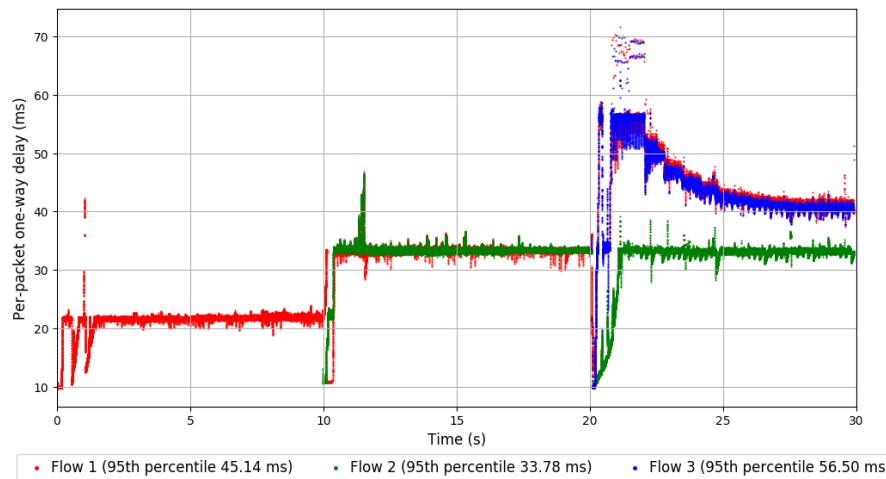
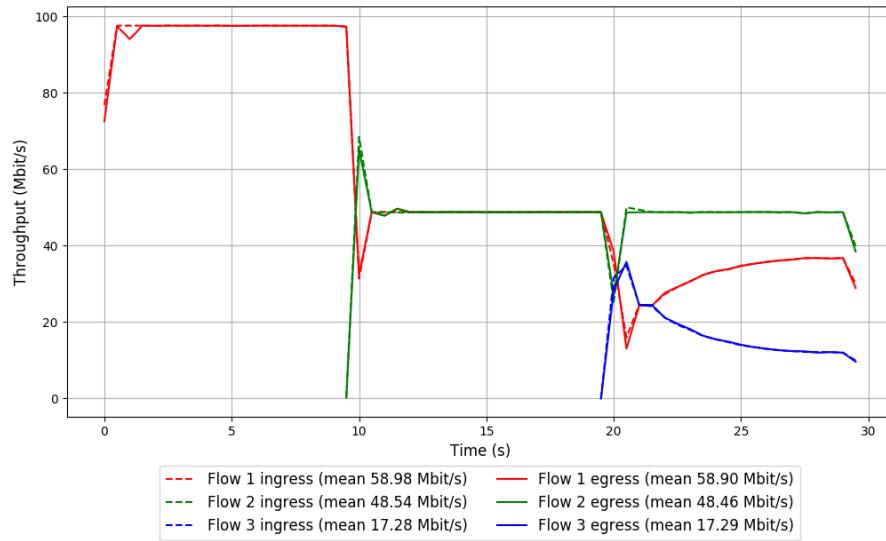


Run 10: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:48:39 +0000
End at: Mon, 10 Jul 2017 01:49:09 +0000
Local clock offset: 0.057 ms
Remote clock offset: -19.355 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 45.592 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 45.140 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 33.782 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 17.29 Mbit/s
95th percentile per-packet one-way delay: 56.497 ms
Loss rate: 0.39%
```

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

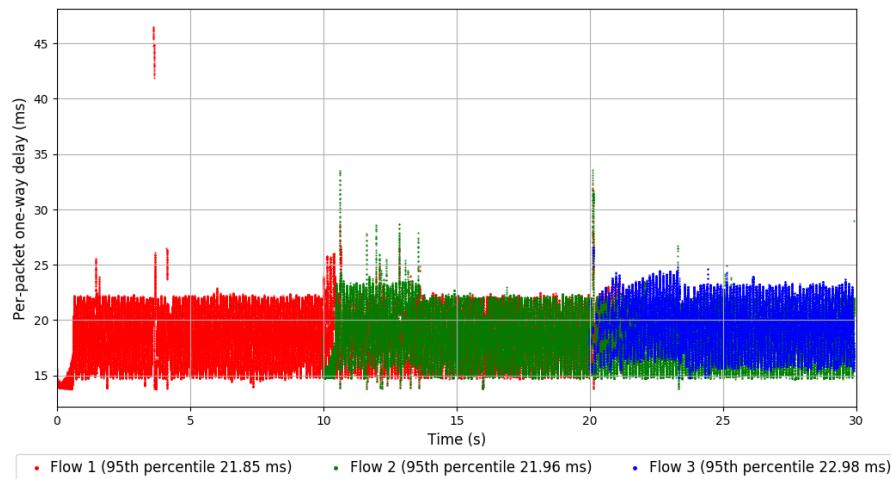
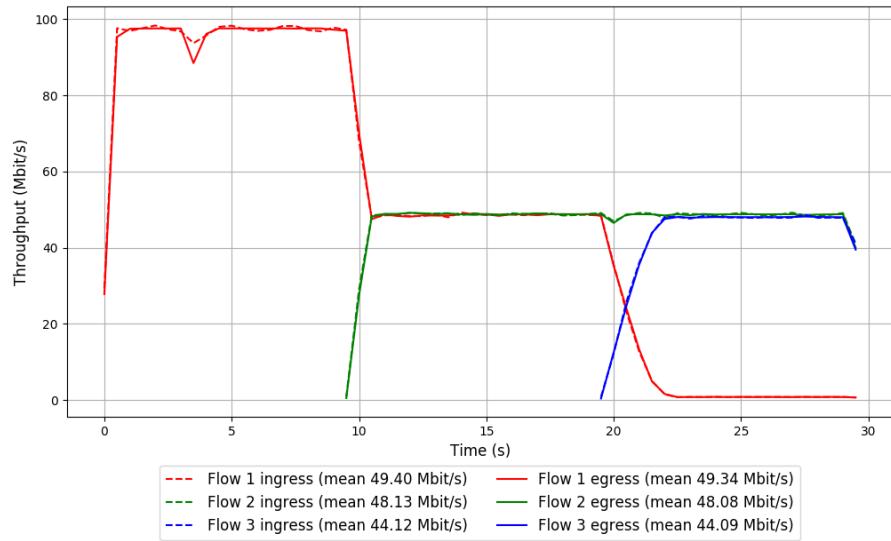


```
Run 1: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 23:07:48 +0000
End at: Sun, 09 Jul 2017 23:08:18 +0000
Local clock offset: -1.28 ms
Remote clock offset: -18.831 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 22.085 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 49.34 Mbit/s
95th percentile per-packet one-way delay: 21.851 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 21.960 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 44.09 Mbit/s
95th percentile per-packet one-way delay: 22.980 ms
Loss rate: 0.35%
```

Run 1: Report of CalibratedKoho — Data Link

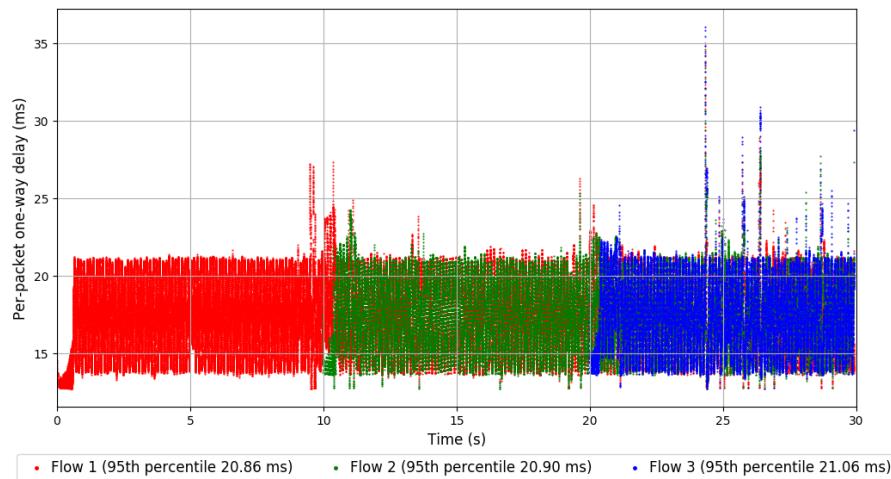
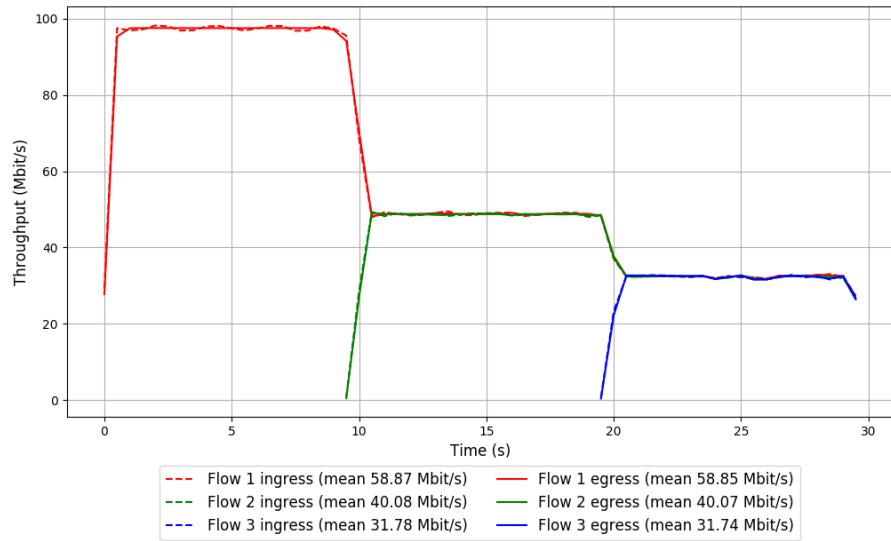


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 23:25:50 +0000
End at: Sun, 09 Jul 2017 23:26:20 +0000
Local clock offset: -0.722 ms
Remote clock offset: -16.841 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 20.884 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 20.856 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 20.900 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 21.058 ms
Loss rate: 0.30%
```

Run 2: Report of CalibratedKoho — Data Link

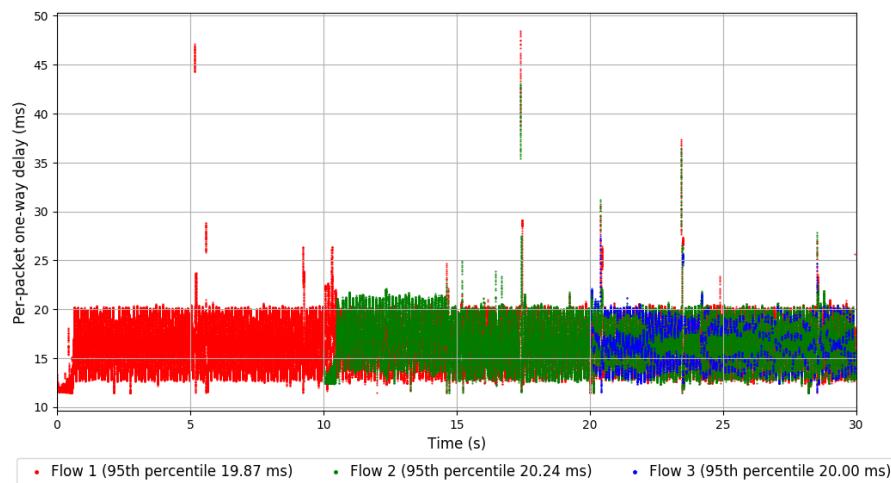
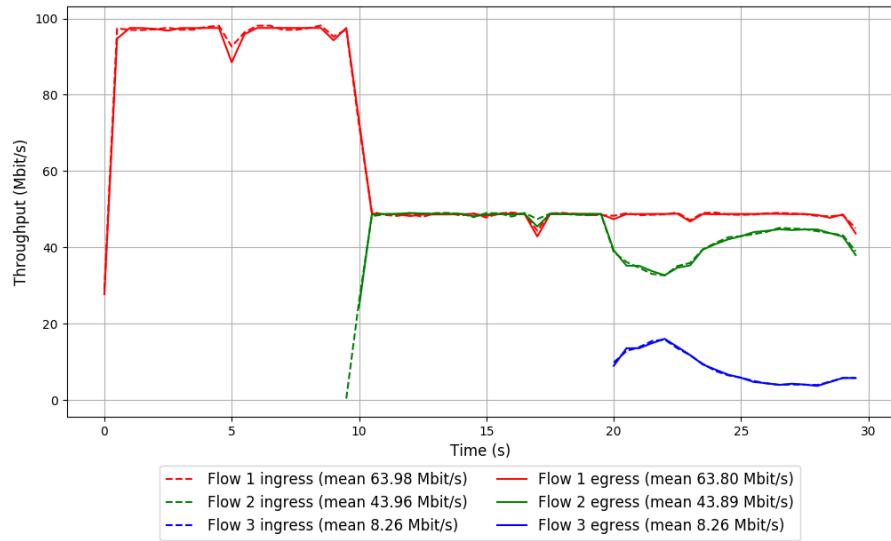


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 23:43:45 +0000
End at: Sun, 09 Jul 2017 23:44:15 +0000
Local clock offset: 2.512 ms
Remote clock offset: -18.17 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 19.962 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 63.80 Mbit/s
95th percentile per-packet one-way delay: 19.872 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 20.244 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 20.001 ms
Loss rate: 0.25%
```

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

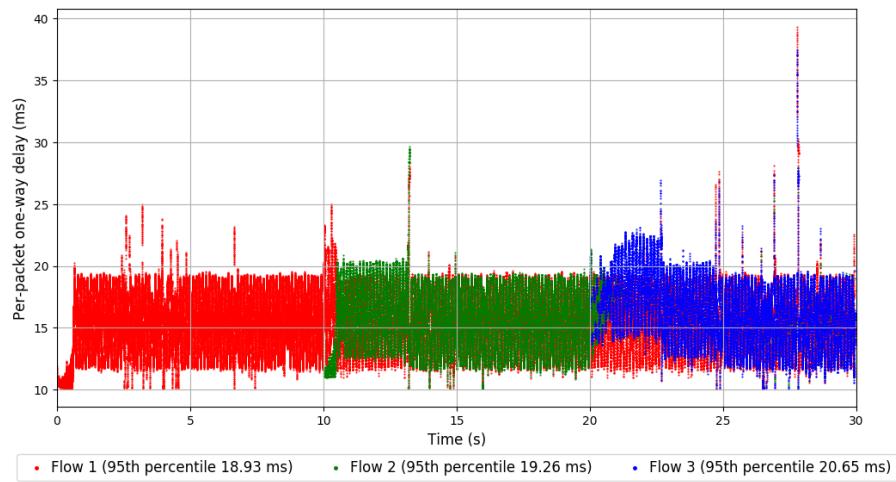
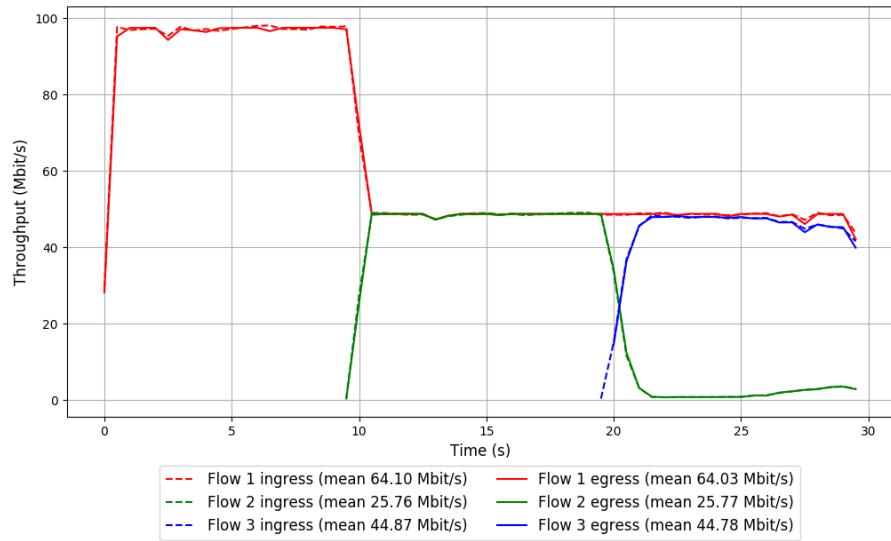


Run 4: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:01:58 +0000
End at: Mon, 10 Jul 2017 00:02:28 +0000
Local clock offset: -0.252 ms
Remote clock offset: -18.119 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 19.098 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 64.03 Mbit/s
95th percentile per-packet one-way delay: 18.935 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 25.77 Mbit/s
95th percentile per-packet one-way delay: 19.264 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 44.78 Mbit/s
95th percentile per-packet one-way delay: 20.646 ms
Loss rate: 0.45%
```

Run 4: Report of CalibratedKoho — Data Link

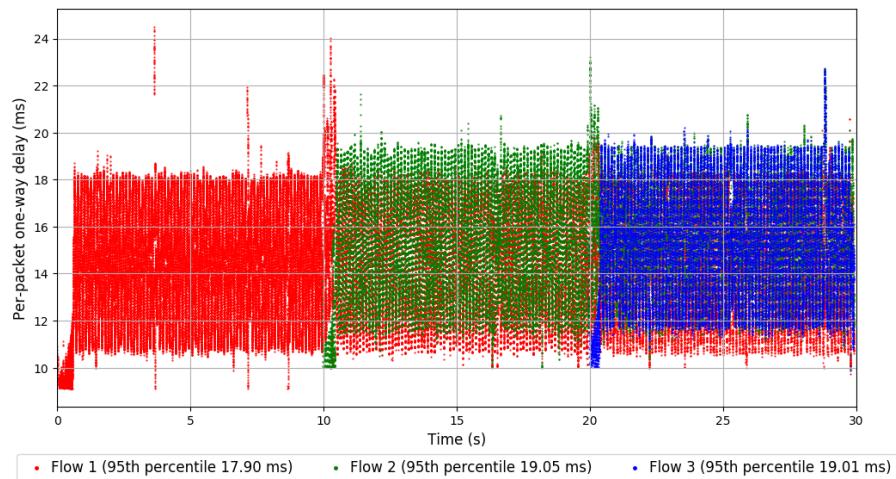
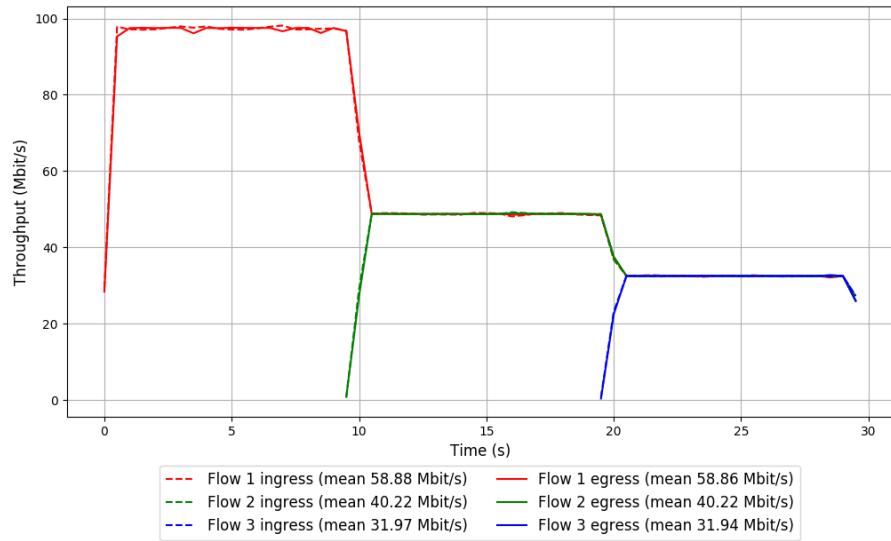


Run 5: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:20:02 +0000
End at: Mon, 10 Jul 2017 00:20:32 +0000
Local clock offset: 4.238 ms
Remote clock offset: -19.888 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 18.565 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 17.902 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.22 Mbit/s
95th percentile per-packet one-way delay: 19.051 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 19.011 ms
Loss rate: 0.33%
```

Run 5: Report of CalibratedKoho — Data Link

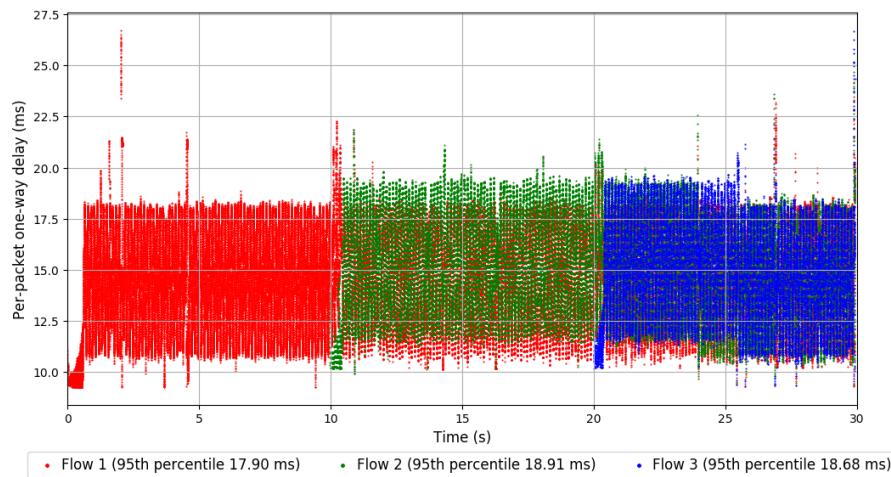
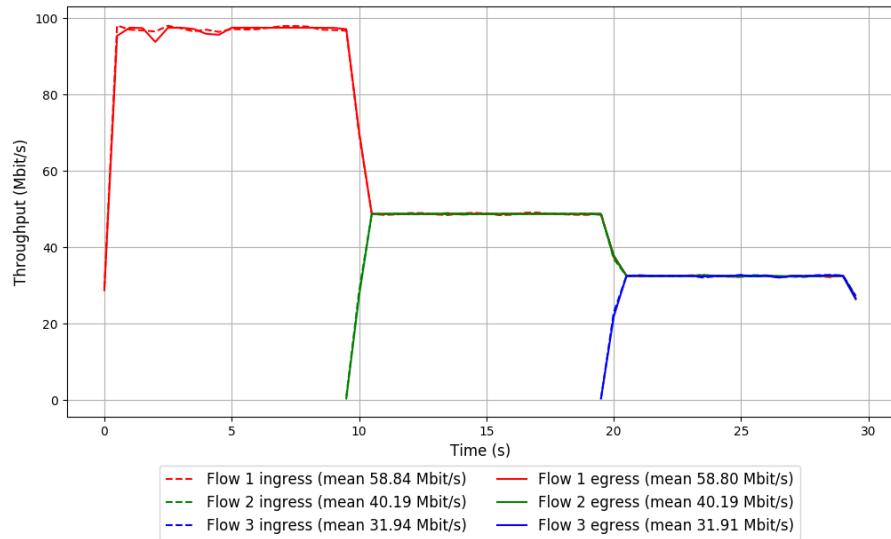


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Mon, 10 Jul 2017 00:38:09 +0000
End at: Mon, 10 Jul 2017 00:38:39 +0000
Local clock offset: 1.757 ms
Remote clock offset: -19.26 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:43:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 18.226 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 17.902 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.19 Mbit/s
95th percentile per-packet one-way delay: 18.908 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 18.680 ms
Loss rate: 0.27%
```

Run 6: Report of CalibratedKoho — Data Link

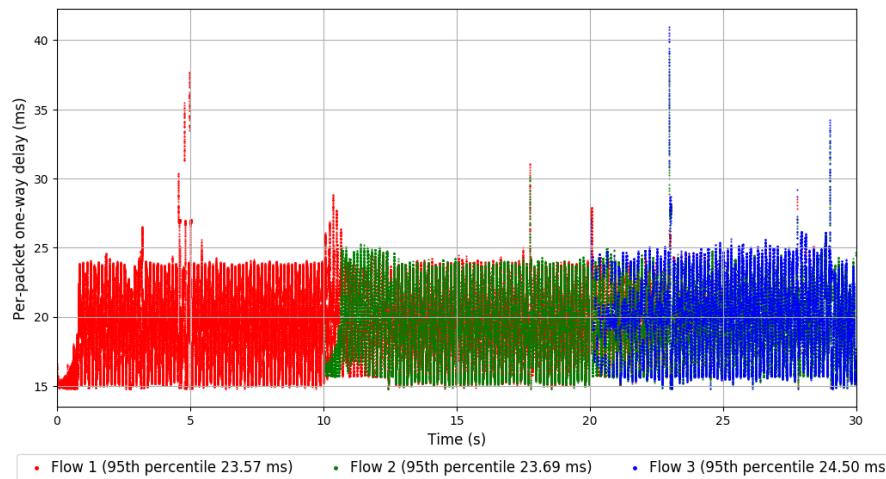
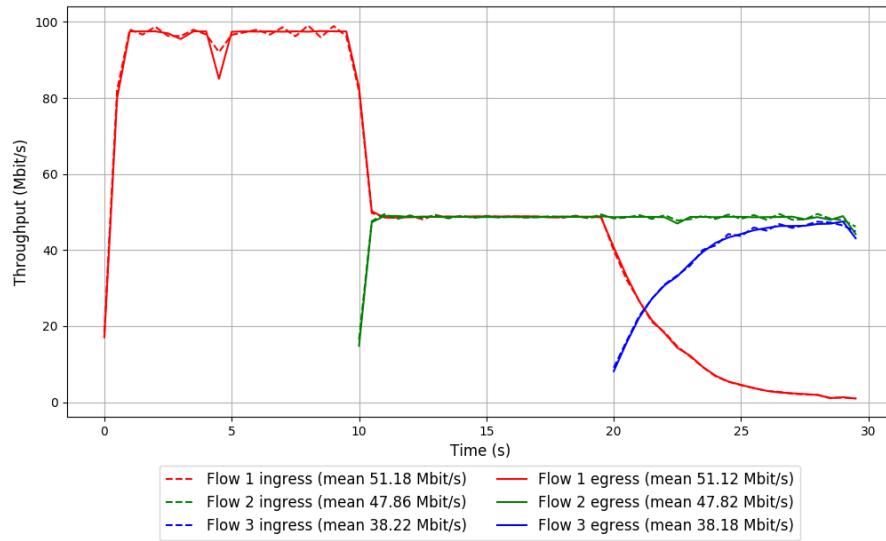


Run 7: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:56:12 +0000
End at: Mon, 10 Jul 2017 00:56:42 +0000
Local clock offset: 2.603 ms
Remote clock offset: -19.61 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:44:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 23.726 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 51.12 Mbit/s
95th percentile per-packet one-way delay: 23.570 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 47.82 Mbit/s
95th percentile per-packet one-way delay: 23.694 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 24.495 ms
Loss rate: 0.49%
```

Run 7: Report of CalibratedKoho — Data Link

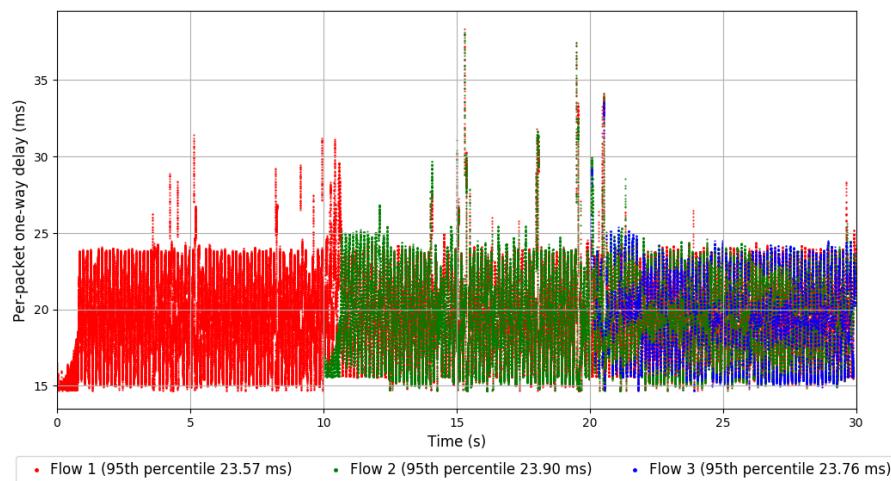
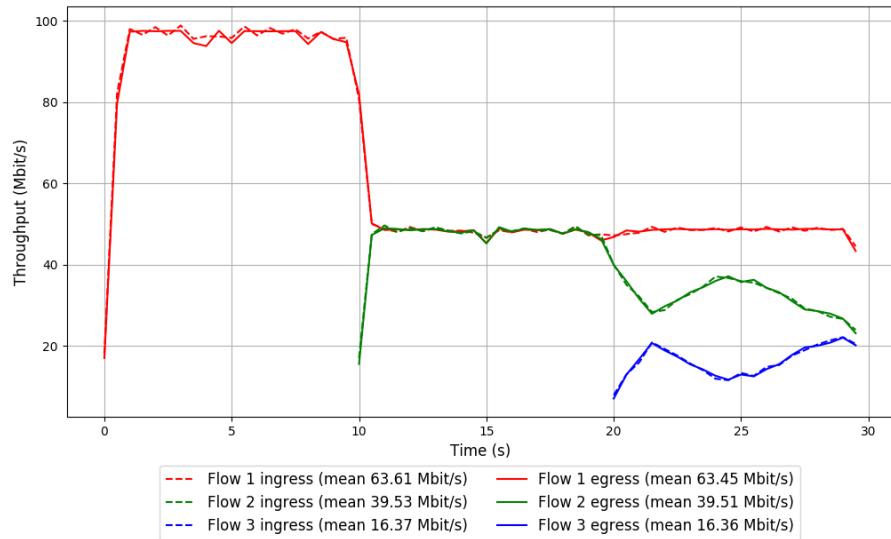


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Mon, 10 Jul 2017 01:14:25 +0000
End at: Mon, 10 Jul 2017 01:14:55 +0000
Local clock offset: 1.463 ms
Remote clock offset: -19.628 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:44:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.18 Mbit/s
95th percentile per-packet one-way delay: 23.646 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 63.45 Mbit/s
95th percentile per-packet one-way delay: 23.572 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 23.901 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 16.36 Mbit/s
95th percentile per-packet one-way delay: 23.761 ms
Loss rate: 0.43%
```

Run 8: Report of CalibratedKoho — Data Link

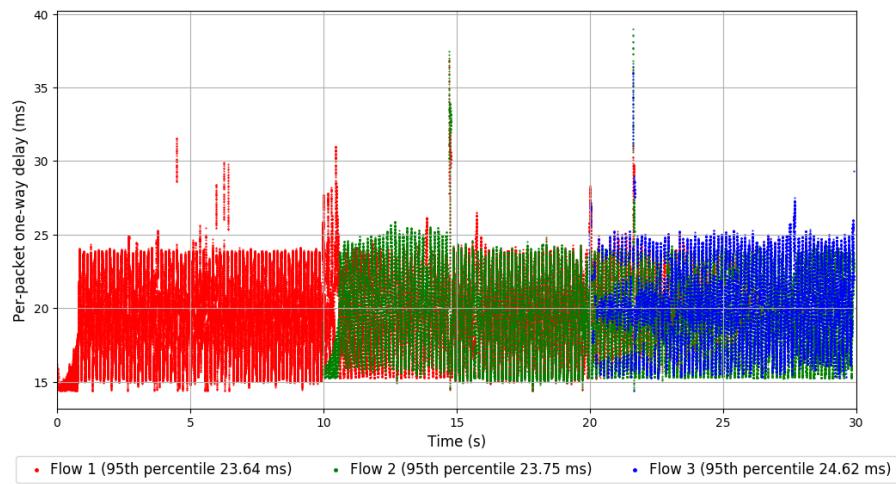
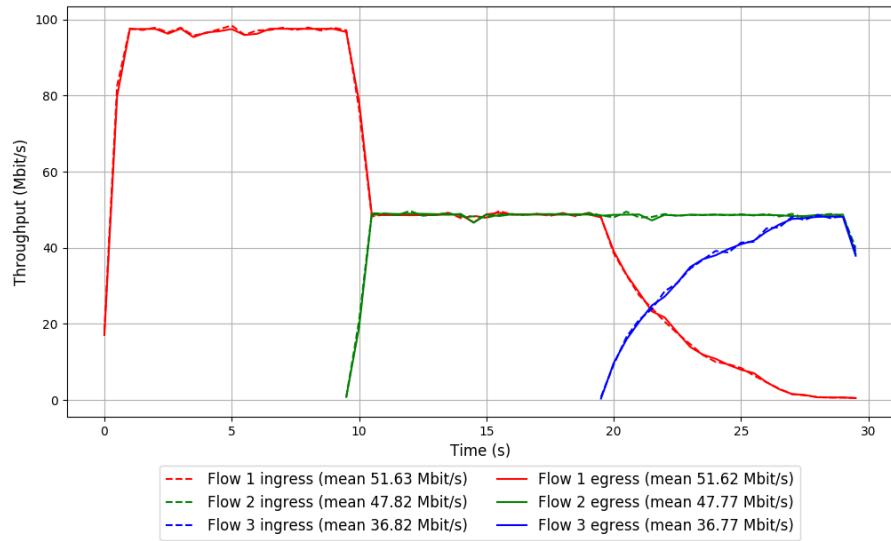


Run 9: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 01:32:56 +0000
End at: Mon, 10 Jul 2017 01:33:26 +0000
Local clock offset: 0.166 ms
Remote clock offset: -20.557 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:44:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 23.822 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 51.62 Mbit/s
95th percentile per-packet one-way delay: 23.645 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 47.77 Mbit/s
95th percentile per-packet one-way delay: 23.747 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 24.616 ms
Loss rate: 0.43%
```

Run 9: Report of CalibratedKoho — Data Link

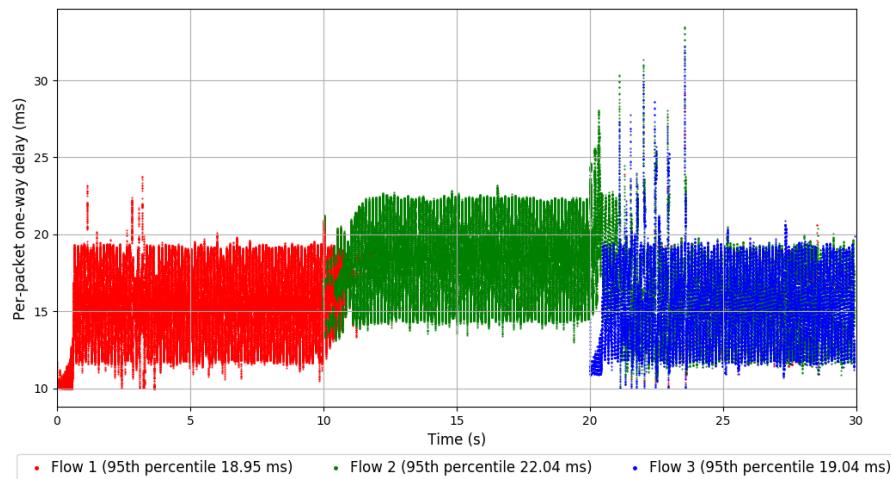
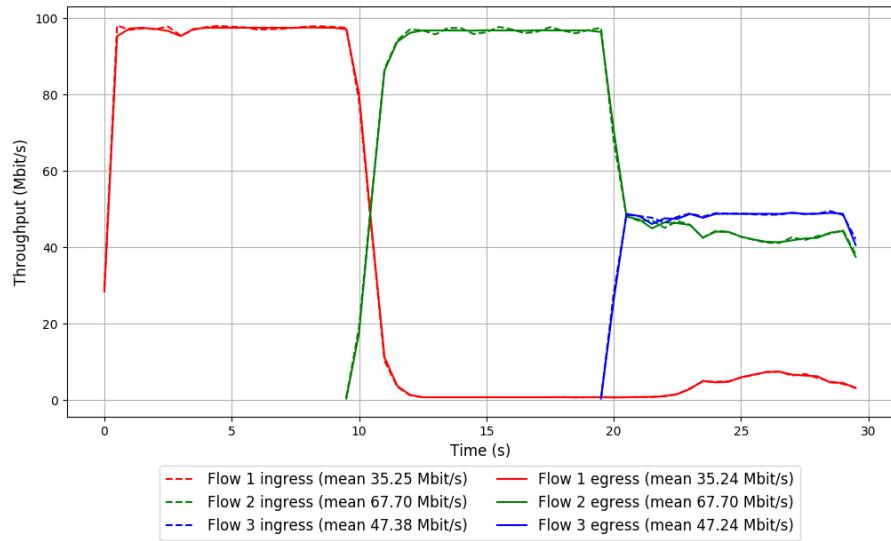


```
Run 10: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 01:50:58 +0000
End at: Mon, 10 Jul 2017 01:51:28 +0000
Local clock offset: 2.839 ms
Remote clock offset: -20.743 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:44:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 21.541 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 35.24 Mbit/s
95th percentile per-packet one-way delay: 18.945 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 67.70 Mbit/s
95th percentile per-packet one-way delay: 22.037 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 47.24 Mbit/s
95th percentile per-packet one-way delay: 19.041 ms
Loss rate: 0.48%
```

Run 10: Report of CalibratedKoho — Data Link

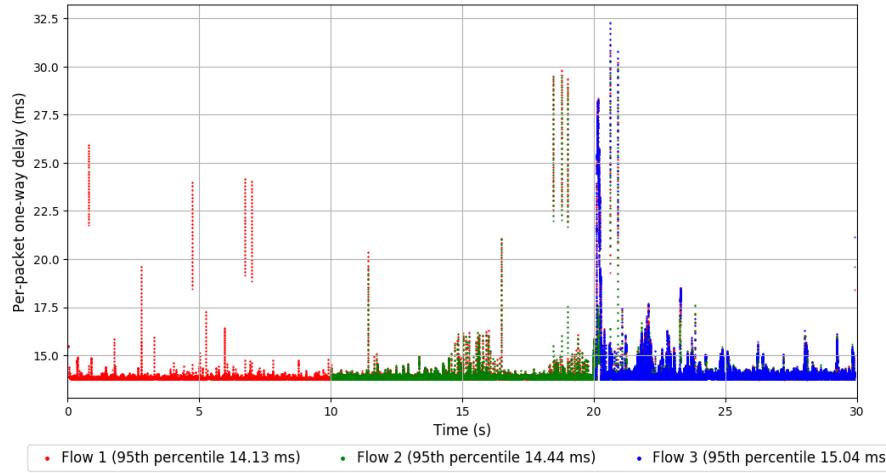
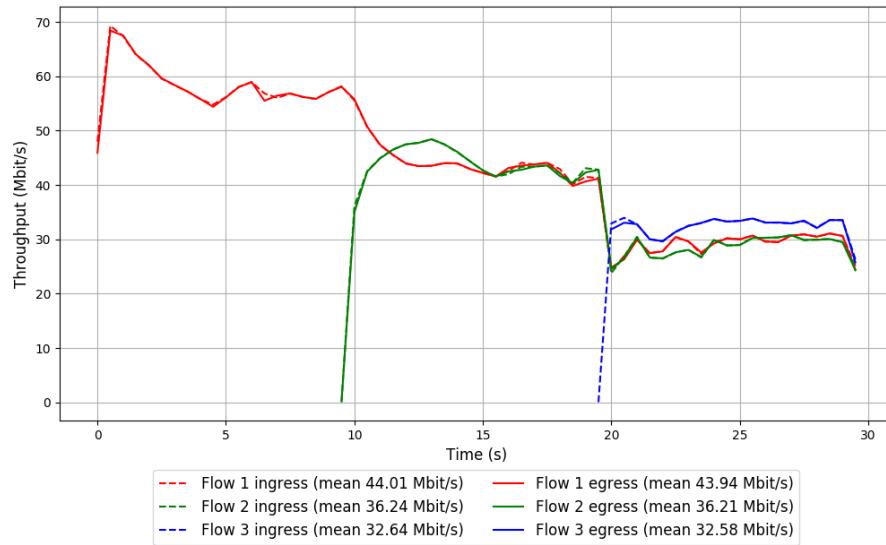


Run 1: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 23:09:04 +0000
End at: Sun, 09 Jul 2017 23:09:34 +0000
Local clock offset: -0.419 ms
Remote clock offset: -17.972 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:44:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 14.362 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 43.94 Mbit/s
95th percentile per-packet one-way delay: 14.135 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 36.21 Mbit/s
95th percentile per-packet one-way delay: 14.443 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 15.035 ms
Loss rate: 0.40%
```

## Run 1: Report of Copa — Data Link

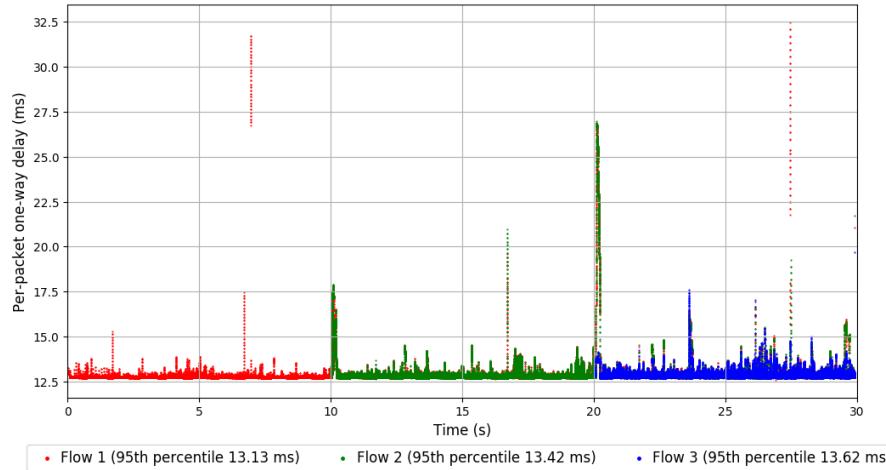
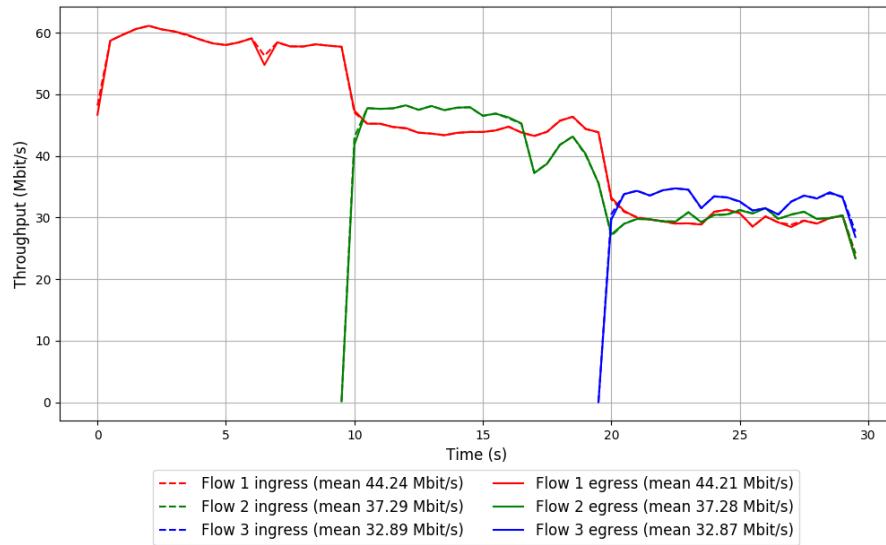


Run 2: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 23:27:05 +0000
End at: Sun, 09 Jul 2017 23:27:35 +0000
Local clock offset: -0.731 ms
Remote clock offset: -19.139 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:44:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.99 Mbit/s
95th percentile per-packet one-way delay: 13.291 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 44.21 Mbit/s
95th percentile per-packet one-way delay: 13.127 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 13.416 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.87 Mbit/s
95th percentile per-packet one-way delay: 13.615 ms
Loss rate: 0.26%
```

## Run 2: Report of Copa — Data Link

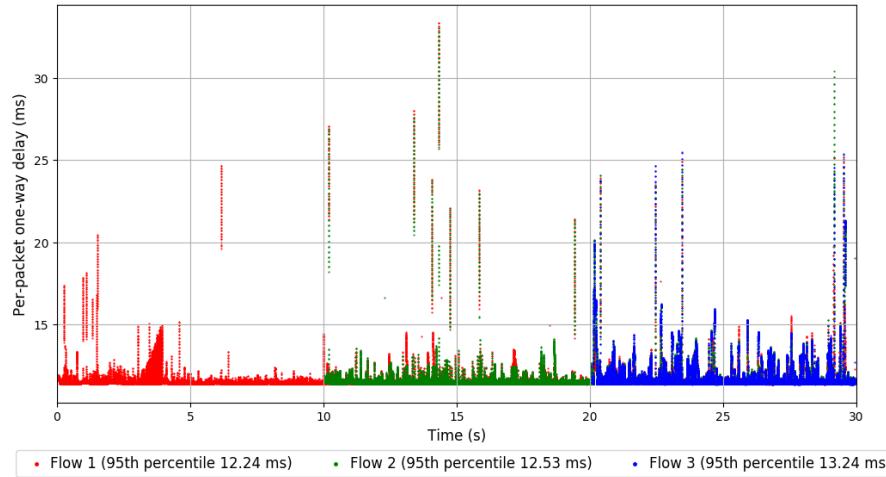
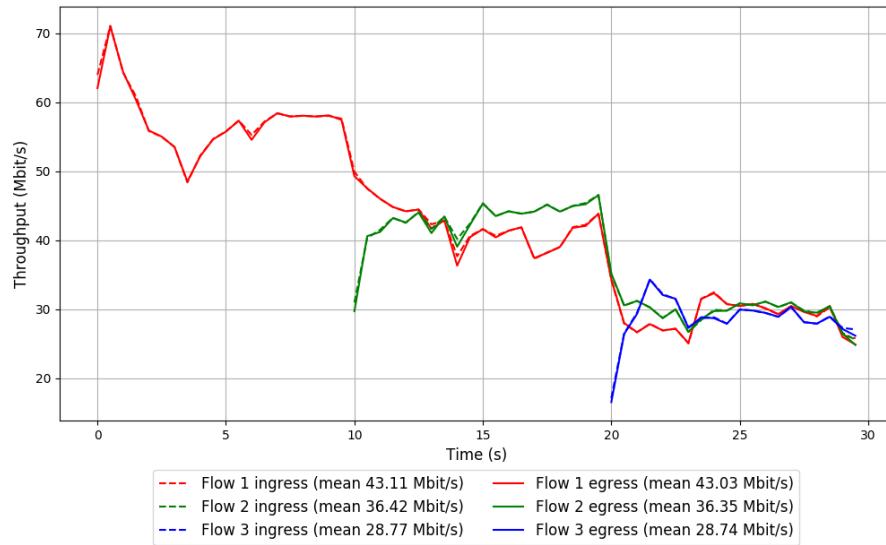


Run 3: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 23:44:59 +0000
End at: Sun, 09 Jul 2017 23:45:29 +0000
Local clock offset: 0.3 ms
Remote clock offset: -18.836 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:44:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.73 Mbit/s
95th percentile per-packet one-way delay: 12.370 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 43.03 Mbit/s
95th percentile per-packet one-way delay: 12.238 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 12.528 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 13.244 ms
Loss rate: 0.36%
```

### Run 3: Report of Copa — Data Link

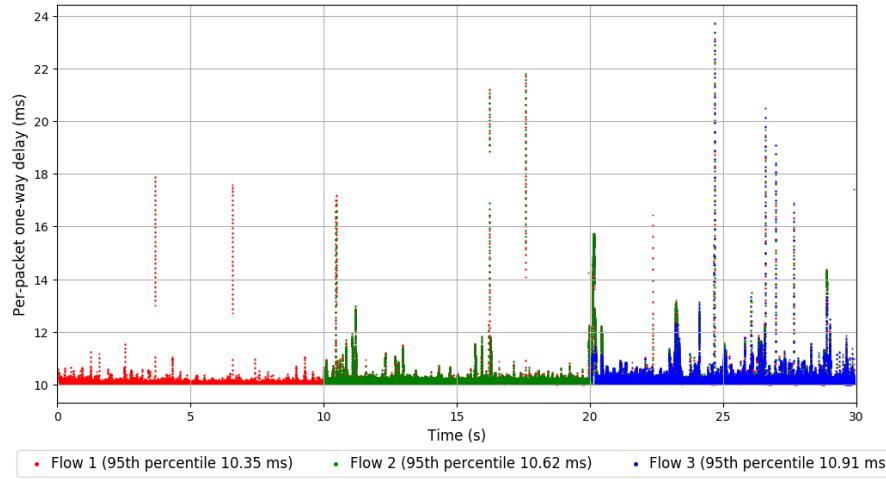
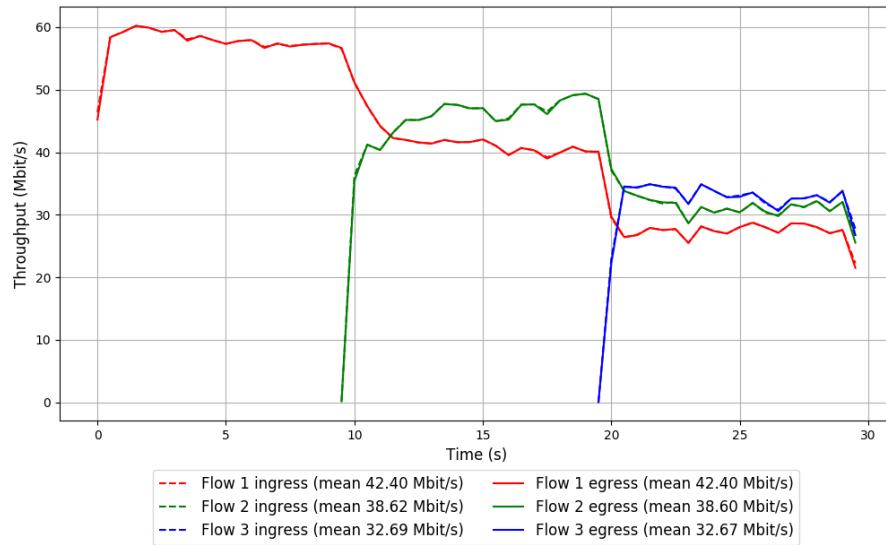


Run 4: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:03:13 +0000
End at: Mon, 10 Jul 2017 00:03:43 +0000
Local clock offset: 2.931 ms
Remote clock offset: -17.223 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:44:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 10.540 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 10.351 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.60 Mbit/s
95th percentile per-packet one-way delay: 10.620 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 10.911 ms
Loss rate: 0.28%
```

## Run 4: Report of Copa — Data Link

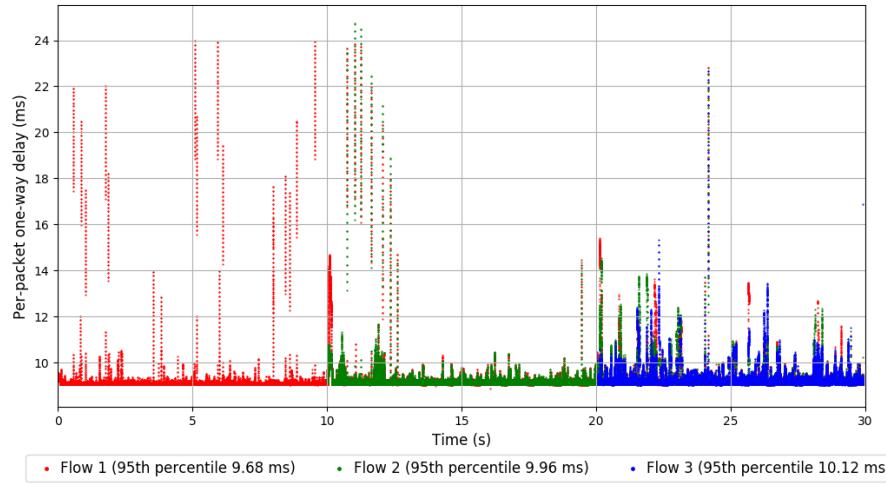
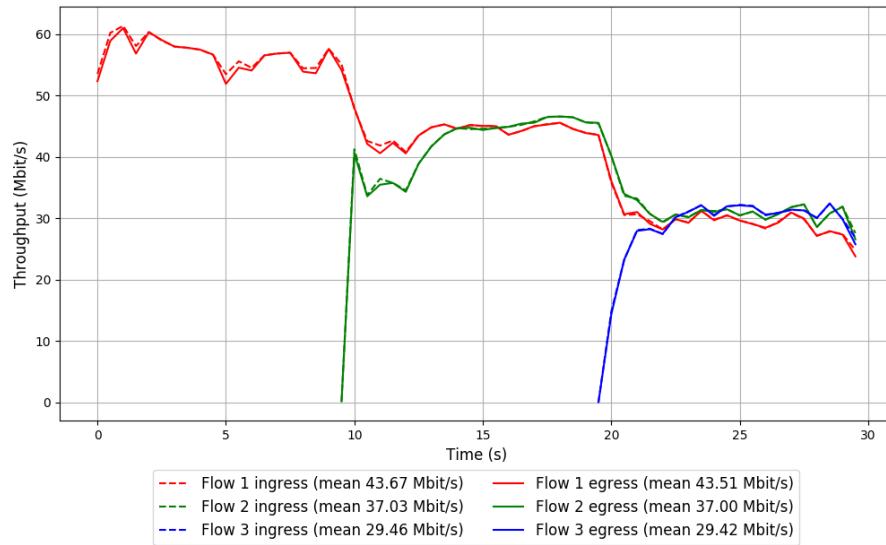


Run 5: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:21:17 +0000
End at: Mon, 10 Jul 2017 00:21:47 +0000
Local clock offset: 4.148 ms
Remote clock offset: -21.006 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:45:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.92 Mbit/s
95th percentile per-packet one-way delay: 9.896 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 43.51 Mbit/s
95th percentile per-packet one-way delay: 9.679 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 9.956 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 10.117 ms
Loss rate: 0.31%
```

Run 5: Report of Copa — Data Link

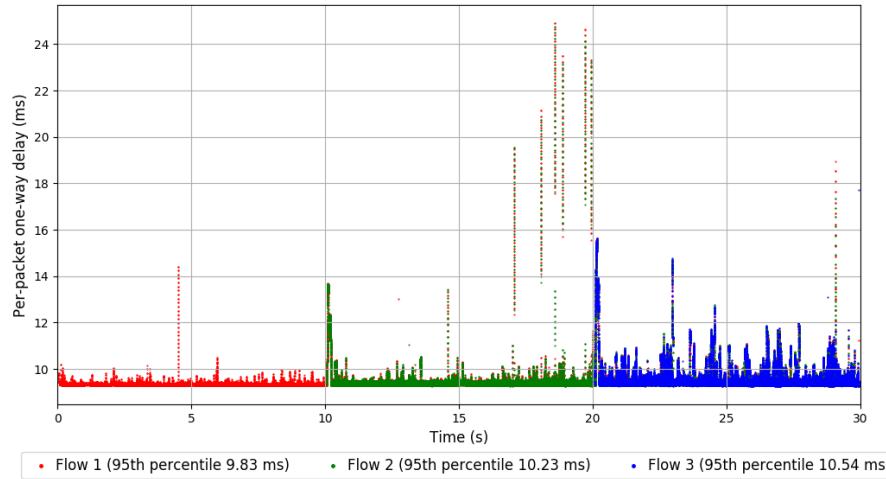
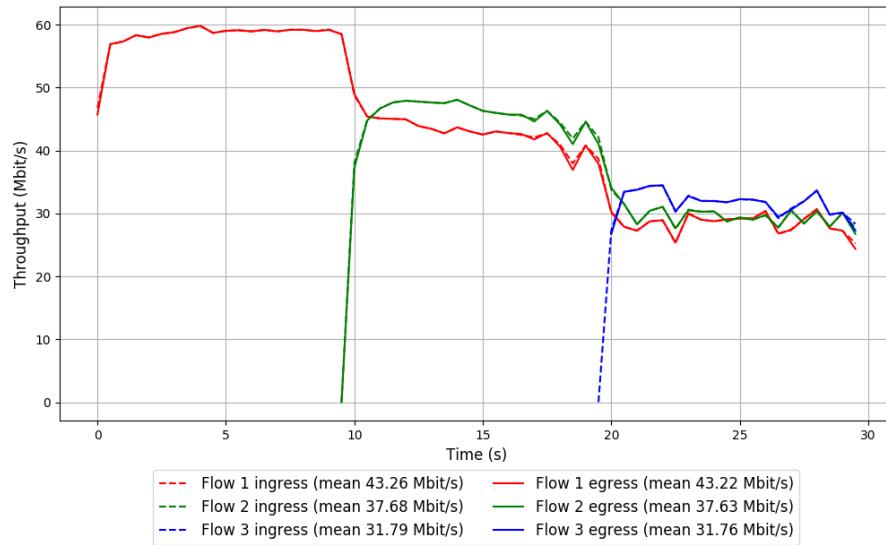


Run 6: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:39:26 +0000
End at: Mon, 10 Jul 2017 00:39:56 +0000
Local clock offset: 3.009 ms
Remote clock offset: -19.989 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:45:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.82 Mbit/s
95th percentile per-packet one-way delay: 10.128 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 43.22 Mbit/s
95th percentile per-packet one-way delay: 9.826 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 37.63 Mbit/s
95th percentile per-packet one-way delay: 10.230 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 10.544 ms
Loss rate: 0.26%
```

## Run 6: Report of Copa — Data Link

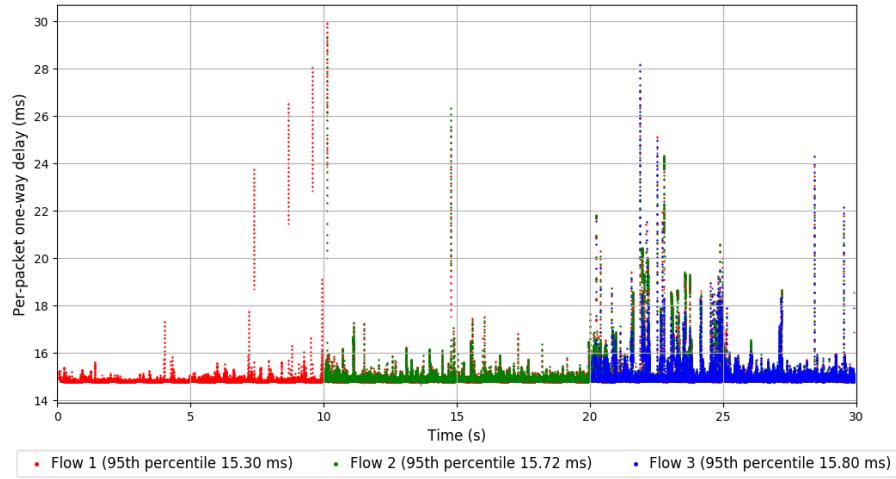
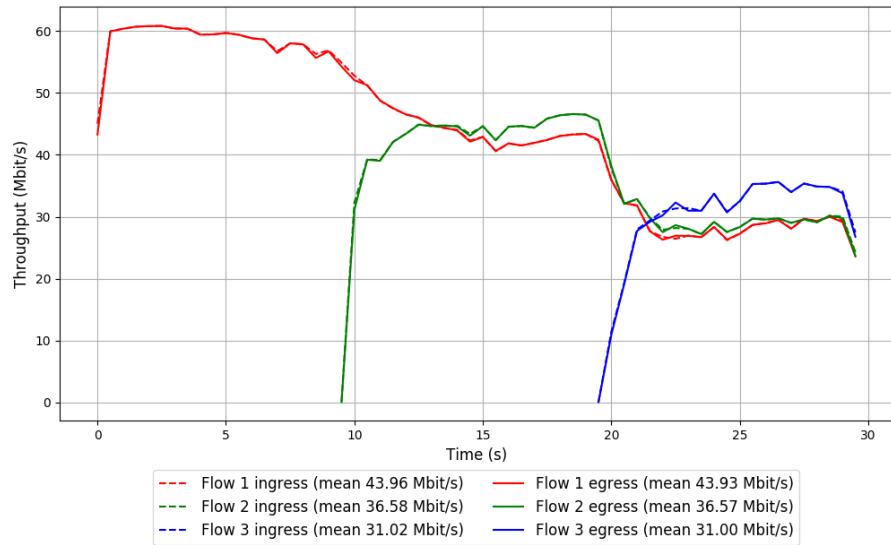


Run 7: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:57:30 +0000
End at: Mon, 10 Jul 2017 00:58:00 +0000
Local clock offset: 4.813 ms
Remote clock offset: -19.866 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:45:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 15.619 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 15.302 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.57 Mbit/s
95th percentile per-packet one-way delay: 15.719 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 15.804 ms
Loss rate: 0.37%
```

## Run 7: Report of Copa — Data Link

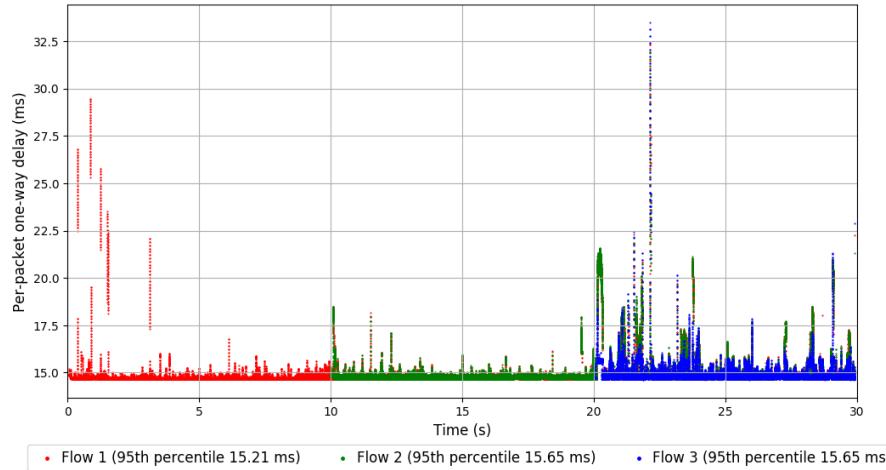
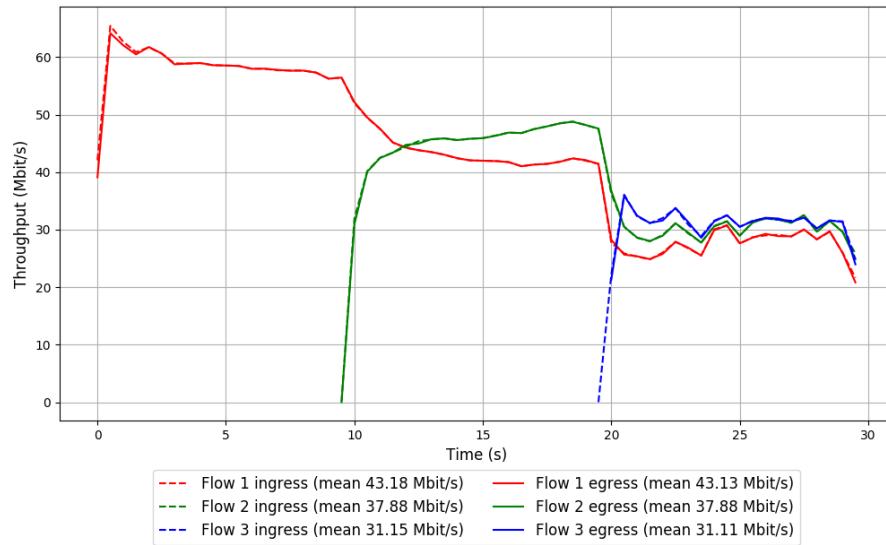


Run 8: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:15:39 +0000
End at: Mon, 10 Jul 2017 01:16:09 +0000
Local clock offset: 0.855 ms
Remote clock offset: -19.786 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:45:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.69 Mbit/s
95th percentile per-packet one-way delay: 15.554 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 43.13 Mbit/s
95th percentile per-packet one-way delay: 15.206 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 15.651 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.11 Mbit/s
95th percentile per-packet one-way delay: 15.647 ms
Loss rate: 0.36%
```

## Run 8: Report of Copa — Data Link

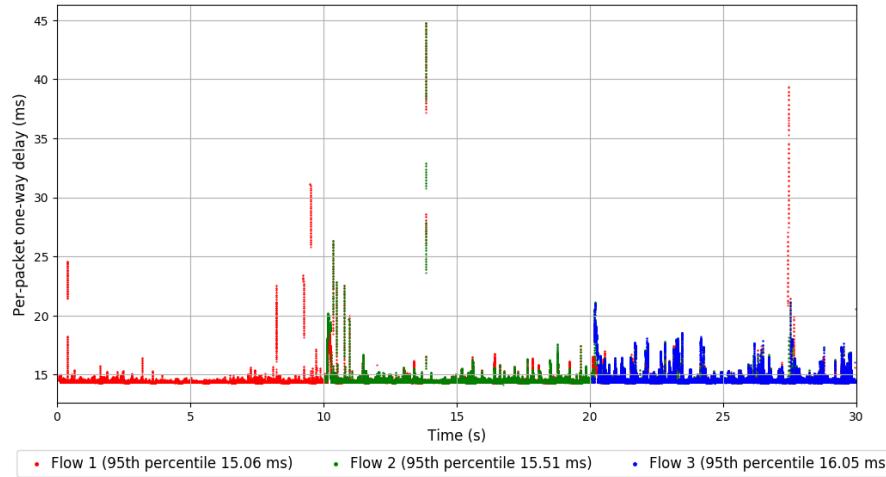
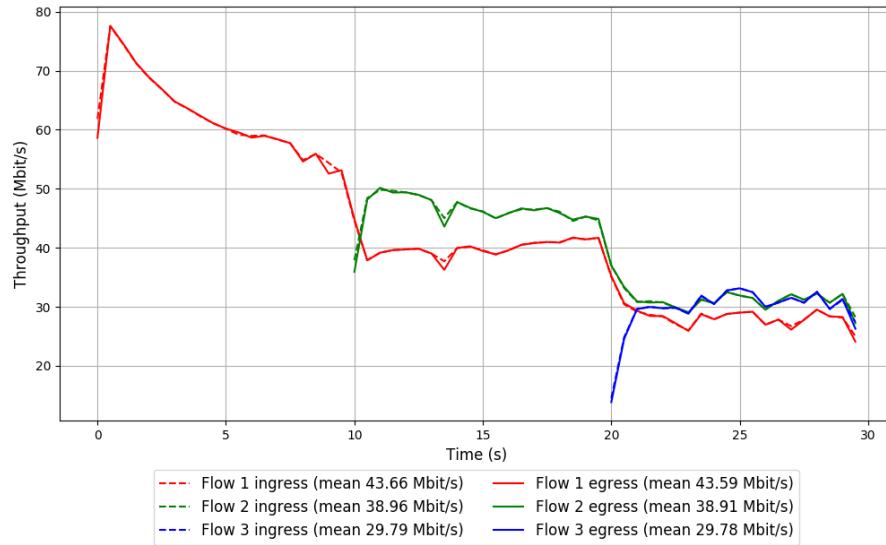


Run 9: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:34:11 +0000
End at: Mon, 10 Jul 2017 01:34:41 +0000
Local clock offset: -0.425 ms
Remote clock offset: -20.007 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:45:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.34 Mbit/s
95th percentile per-packet one-way delay: 15.294 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 43.59 Mbit/s
95th percentile per-packet one-way delay: 15.065 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 38.91 Mbit/s
95th percentile per-packet one-way delay: 15.509 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 16.053 ms
Loss rate: 0.32%
```

## Run 9: Report of Copa — Data Link

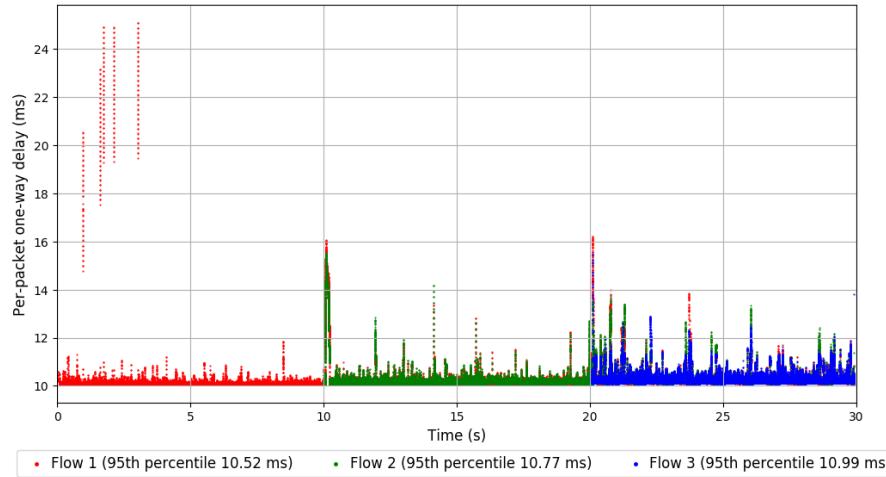
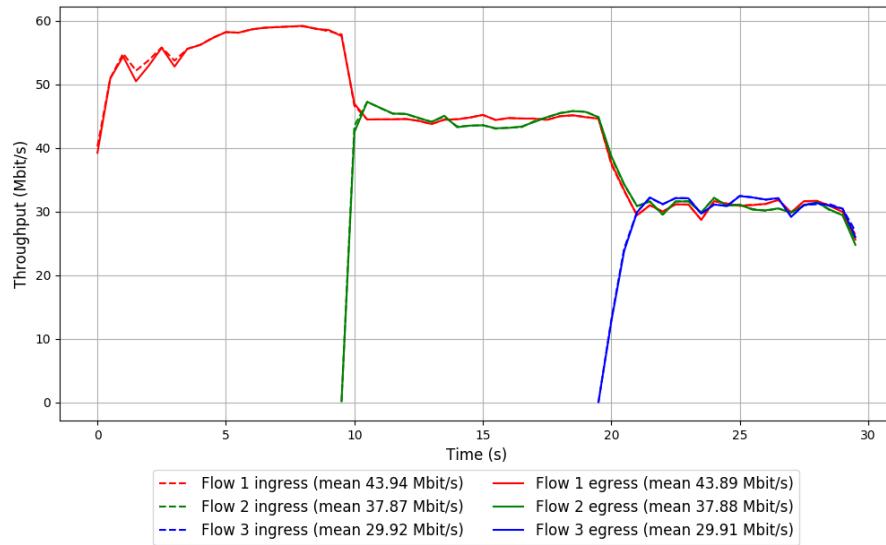


Run 10: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:52:22 +0000
End at: Mon, 10 Jul 2017 01:52:52 +0000
Local clock offset: 3.697 ms
Remote clock offset: -21.709 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:45:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.07 Mbit/s
95th percentile per-packet one-way delay: 10.680 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 10.517 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 10.770 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 10.989 ms
Loss rate: 0.27%
```

Run 10: Report of Copa — Data Link

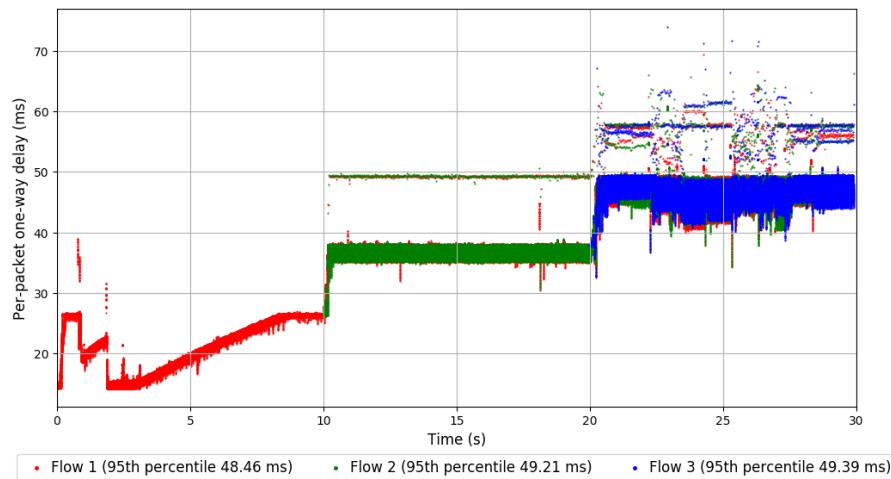
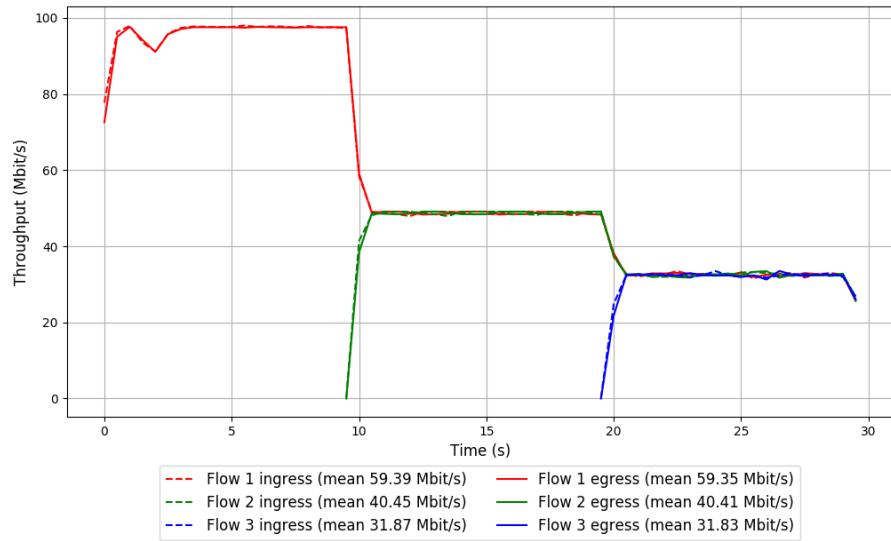


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Sun, 09 Jul 2017 22:58:28 +0000
End at: Sun, 09 Jul 2017 22:58:58 +0000
Local clock offset: 1.572 ms
Remote clock offset: -17.063 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:46:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 49.139 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 48.460 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 40.41 Mbit/s
95th percentile per-packet one-way delay: 49.211 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.83 Mbit/s
95th percentile per-packet one-way delay: 49.387 ms
Loss rate: 0.65%
```

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

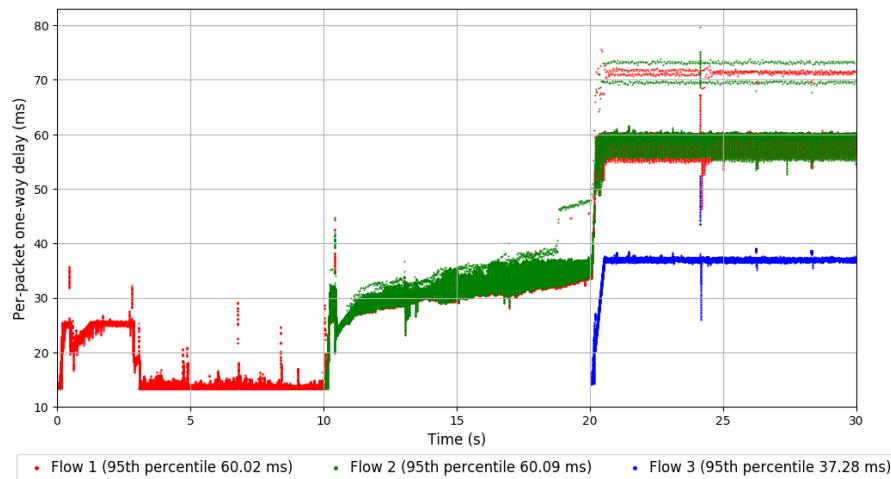
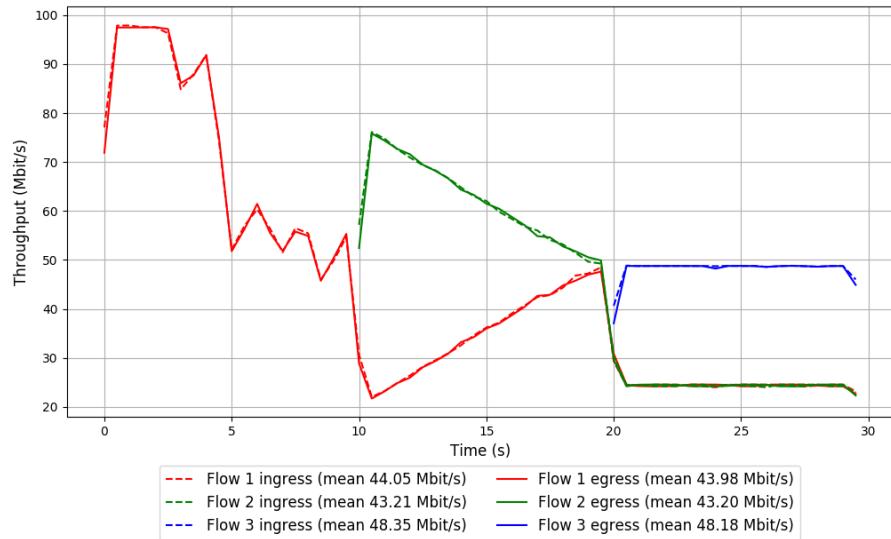


Run 2: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 23:16:24 +0000
End at: Sun, 09 Jul 2017 23:16:54 +0000
Local clock offset: 1.504 ms
Remote clock offset: -18.48 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:46:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.69 Mbit/s
95th percentile per-packet one-way delay: 60.018 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 43.98 Mbit/s
95th percentile per-packet one-way delay: 60.018 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 43.20 Mbit/s
95th percentile per-packet one-way delay: 60.086 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 48.18 Mbit/s
95th percentile per-packet one-way delay: 37.285 ms
Loss rate: 0.54%
```

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

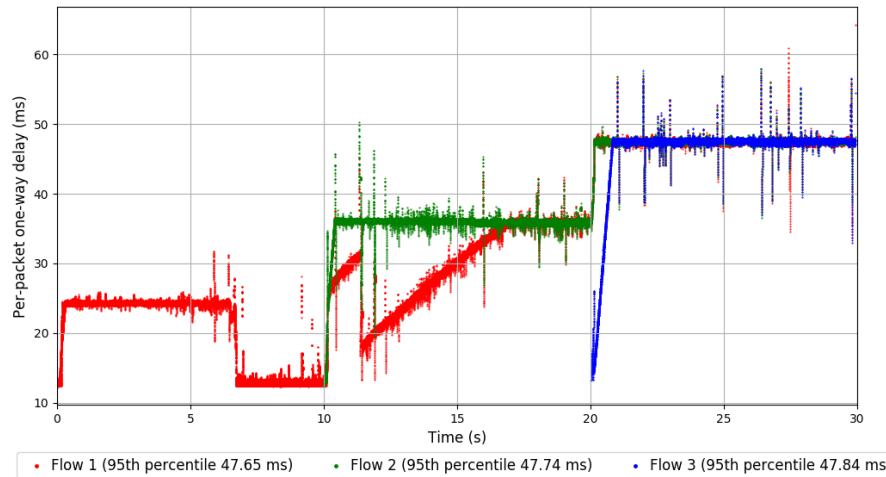
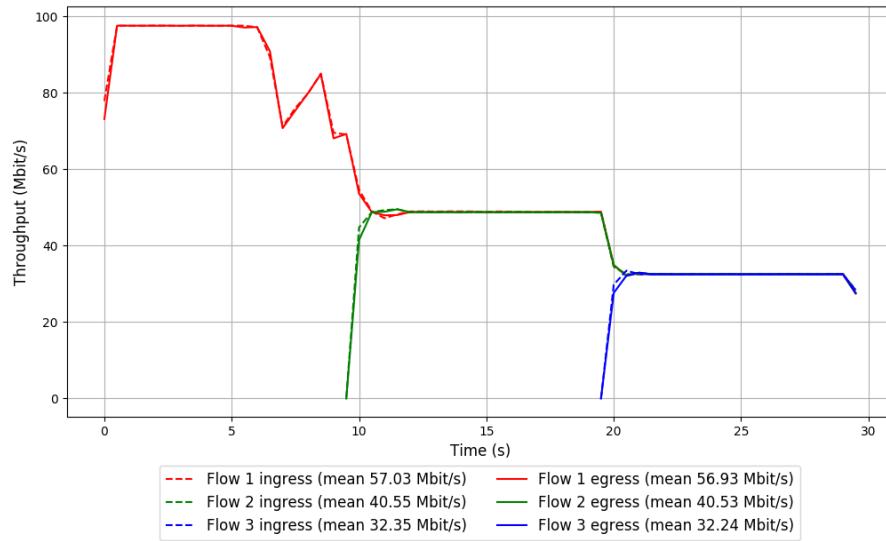


Run 3: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 23:34:26 +0000
End at: Sun, 09 Jul 2017 23:34:56 +0000
Local clock offset: 2.547 ms
Remote clock offset: -18.964 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:46:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 47.738 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 47.653 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 47.744 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 47.835 ms
Loss rate: 0.60%
```

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

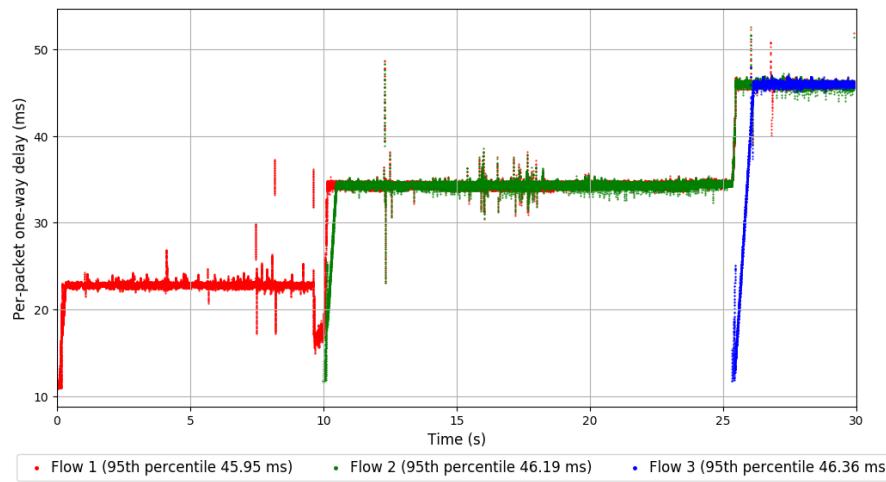
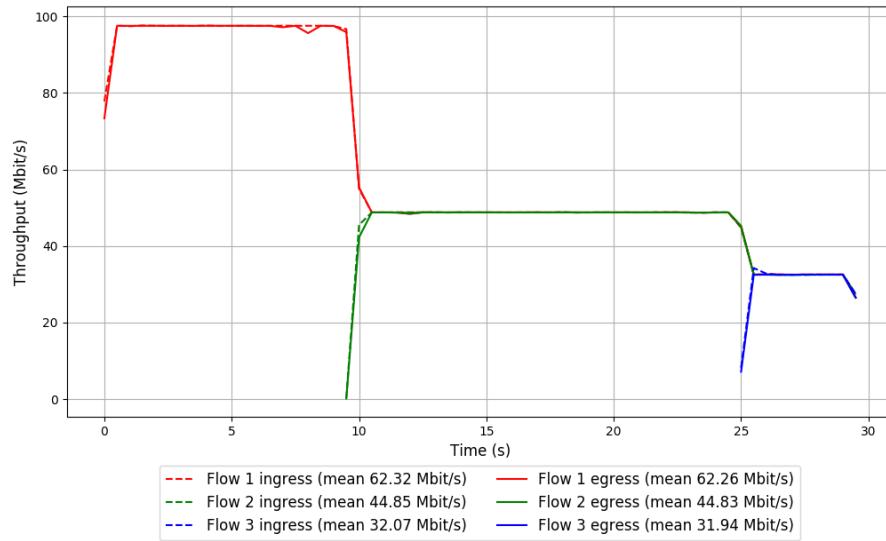


Run 4: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 23:52:27 +0000
End at: Sun, 09 Jul 2017 23:52:57 +0000
Local clock offset: 1.688 ms
Remote clock offset: -18.068 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:46:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 46.158 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 62.26 Mbit/s
95th percentile per-packet one-way delay: 45.947 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 44.83 Mbit/s
95th percentile per-packet one-way delay: 46.186 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 46.363 ms
Loss rate: 1.33%
```

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

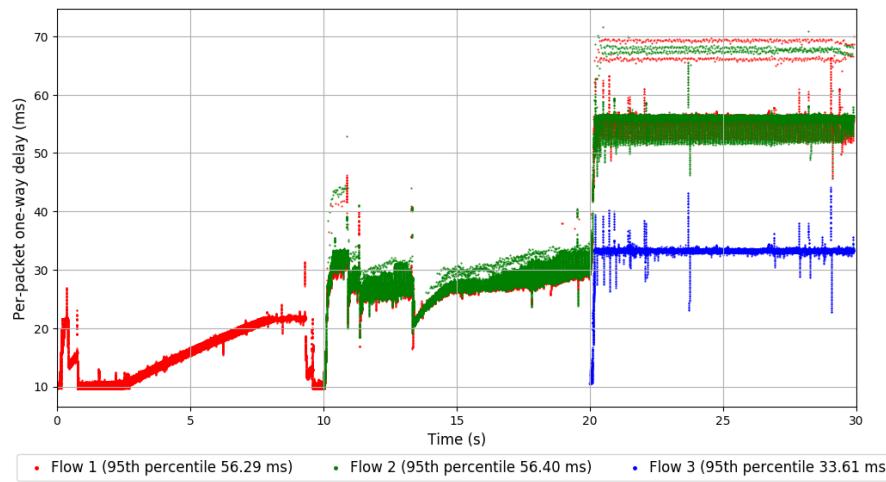
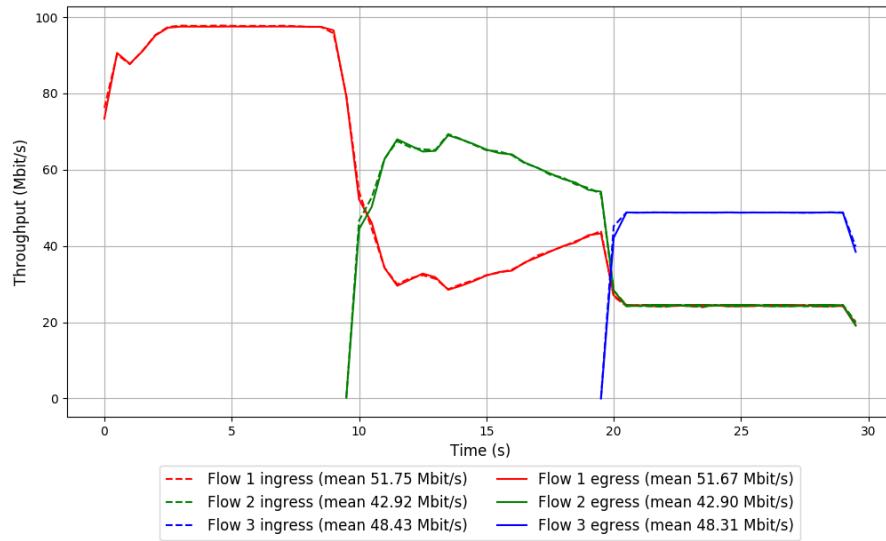


Run 5: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:10:40 +0000
End at: Mon, 10 Jul 2017 00:11:10 +0000
Local clock offset: 2.696 ms
Remote clock offset: -17.706 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:46:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 56.304 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 51.67 Mbit/s
95th percentile per-packet one-way delay: 56.289 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 42.90 Mbit/s
95th percentile per-packet one-way delay: 56.399 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 33.607 ms
Loss rate: 0.49%
```

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

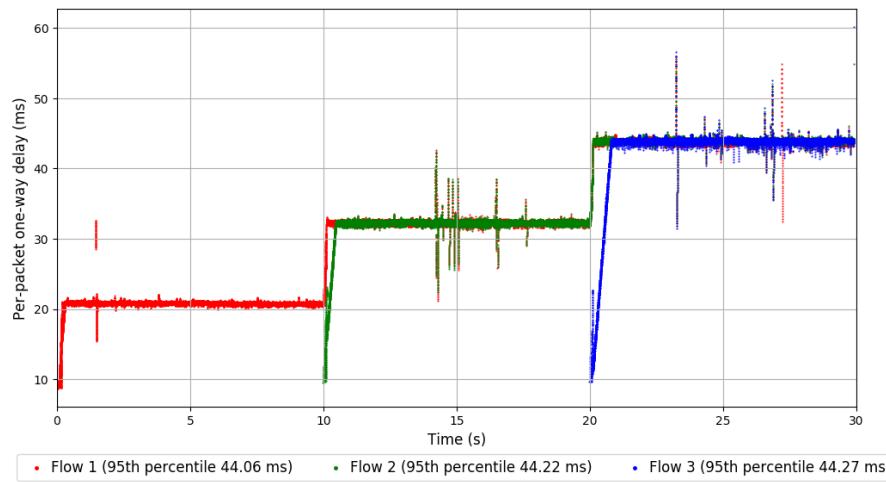
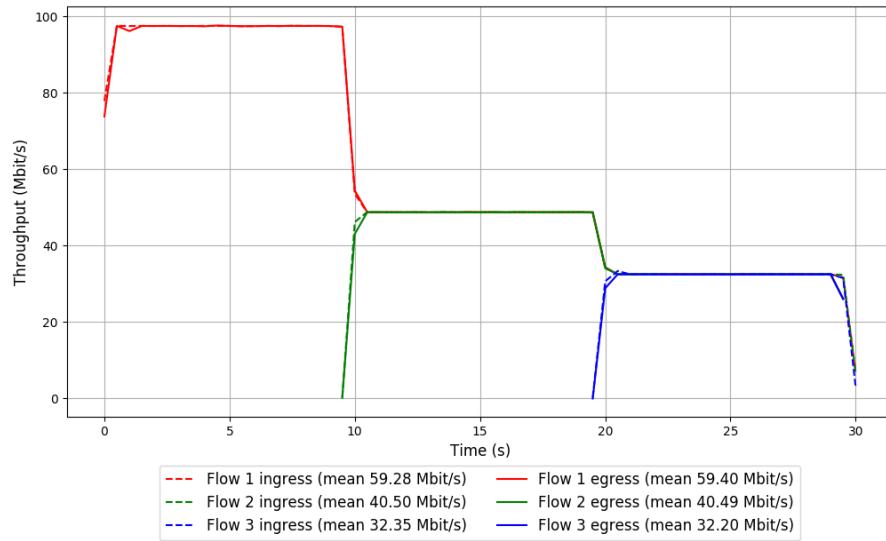


Run 6: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:28:45 +0000
End at: Mon, 10 Jul 2017 00:29:15 +0000
Local clock offset: 0.42 ms
Remote clock offset: -19.451 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:46:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 44.169 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 59.40 Mbit/s
95th percentile per-packet one-way delay: 44.056 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 44.218 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 44.272 ms
Loss rate: 1.75%
```

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

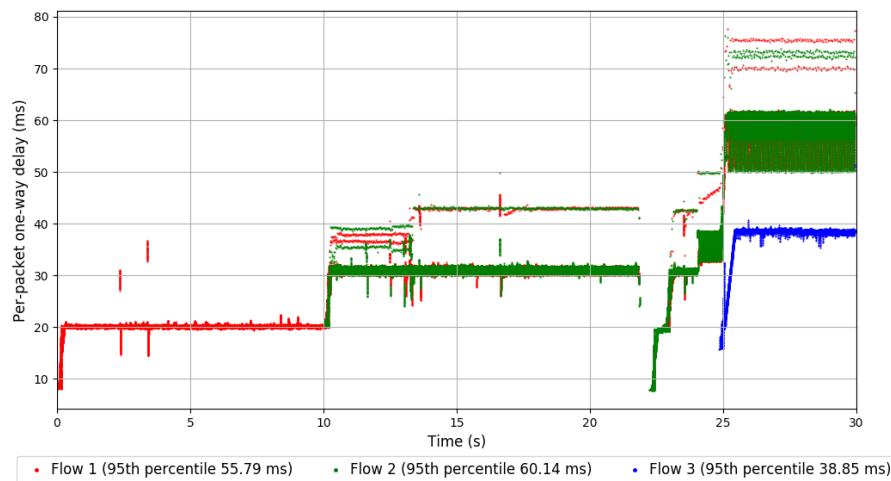
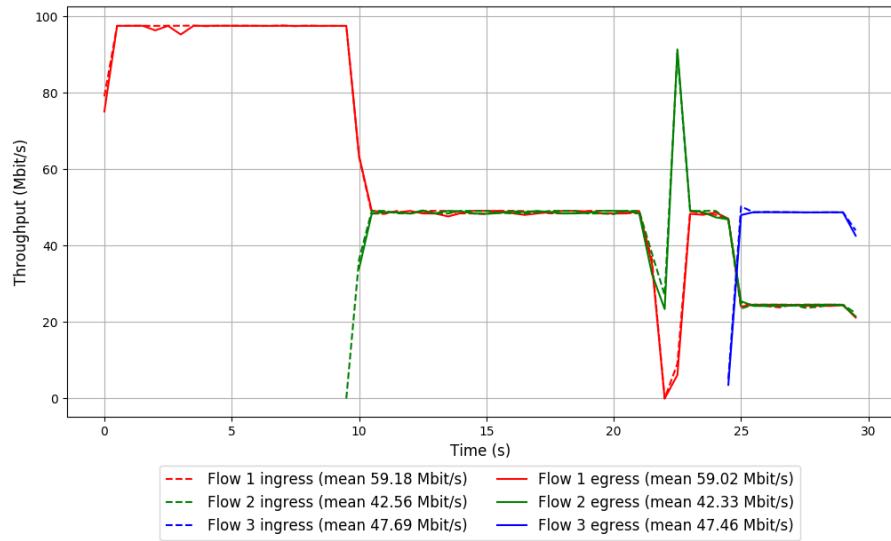


Run 7: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:46:47 +0000
End at: Mon, 10 Jul 2017 00:47:17 +0000
Local clock offset: 3.258 ms
Remote clock offset: -20.023 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:46:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 57.422 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 59.02 Mbit/s
95th percentile per-packet one-way delay: 55.790 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 60.143 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 47.46 Mbit/s
95th percentile per-packet one-way delay: 38.847 ms
Loss rate: 1.05%
```

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

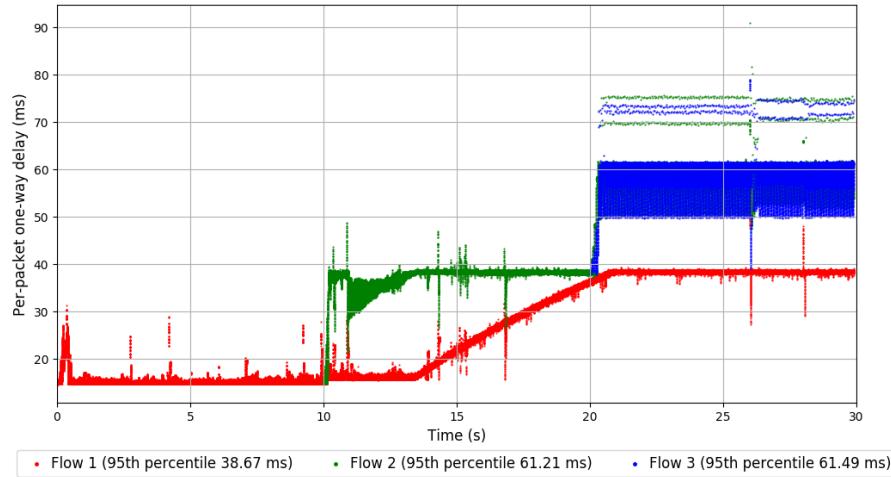
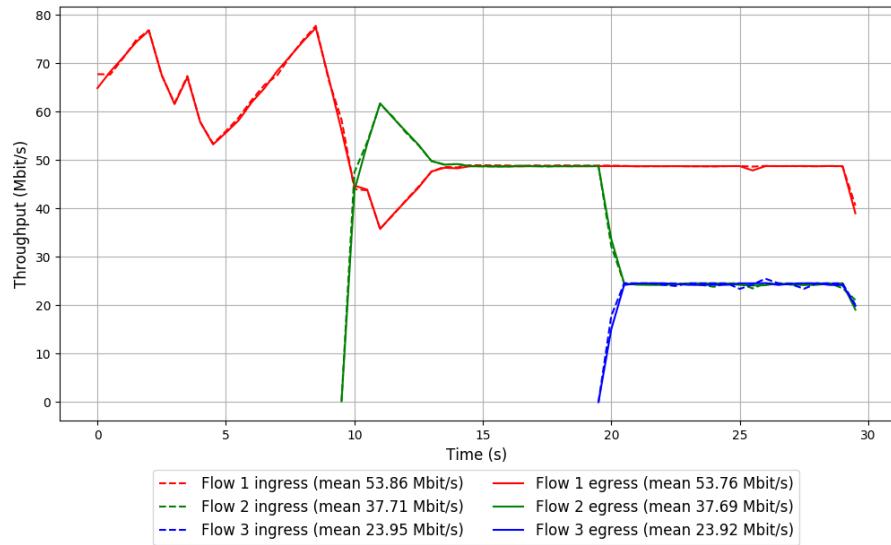


Run 8: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:05:00 +0000
End at: Mon, 10 Jul 2017 01:05:30 +0000
Local clock offset: 0.949 ms
Remote clock offset: -20.554 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:46:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 60.863 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 53.76 Mbit/s
95th percentile per-packet one-way delay: 38.668 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 37.69 Mbit/s
95th percentile per-packet one-way delay: 61.209 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 23.92 Mbit/s
95th percentile per-packet one-way delay: 61.495 ms
Loss rate: 0.66%
```

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

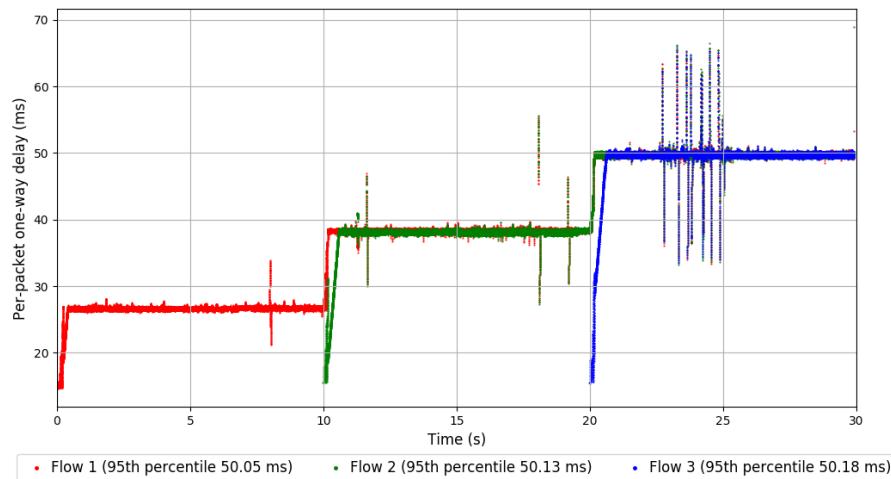
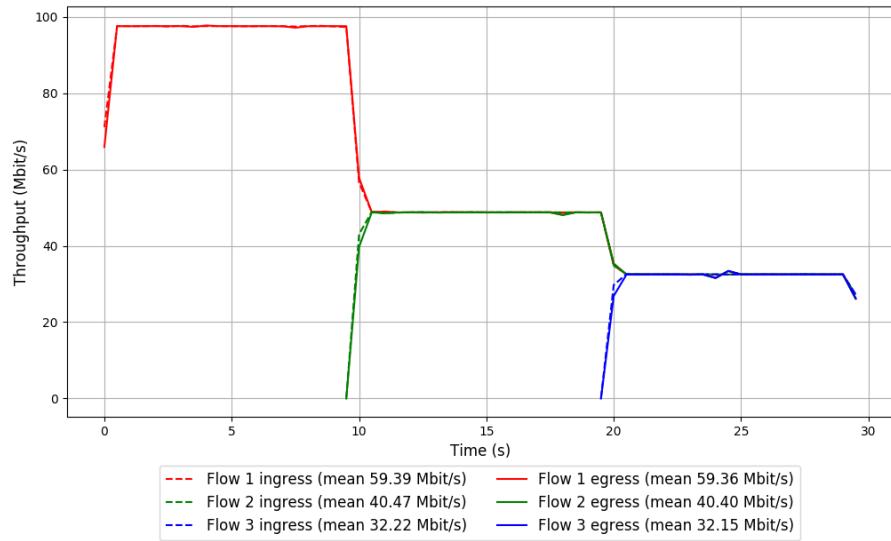


Run 9: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:23:22 +0000
End at: Mon, 10 Jul 2017 01:23:52 +0000
Local clock offset: 0.536 ms
Remote clock offset: -19.856 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 50.100 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 50.048 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 40.40 Mbit/s
95th percentile per-packet one-way delay: 50.133 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 50.176 ms
Loss rate: 0.67%
```

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Mon, 10 Jul 2017 01:41:33 +0000  
End at: Mon, 10 Jul 2017 01:42:03 +0000  
Local clock offset: 0.541 ms  
Remote clock offset: -22.417 ms

Run 10: Report of TCP Cubic — Data Link

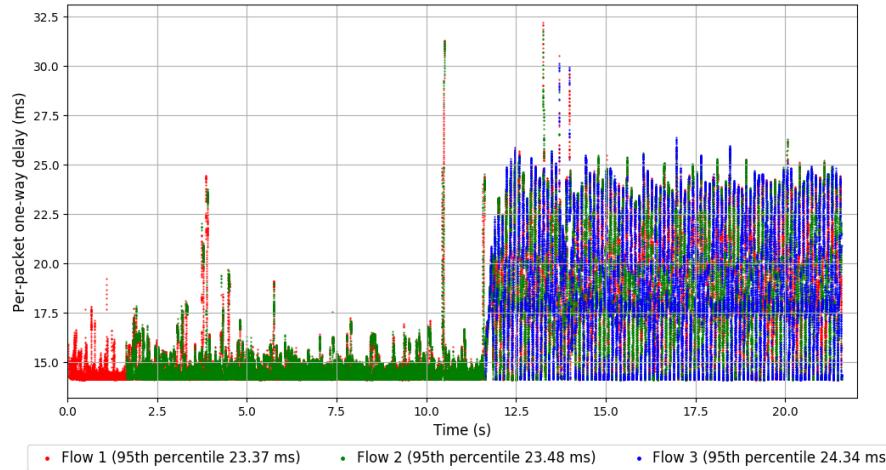
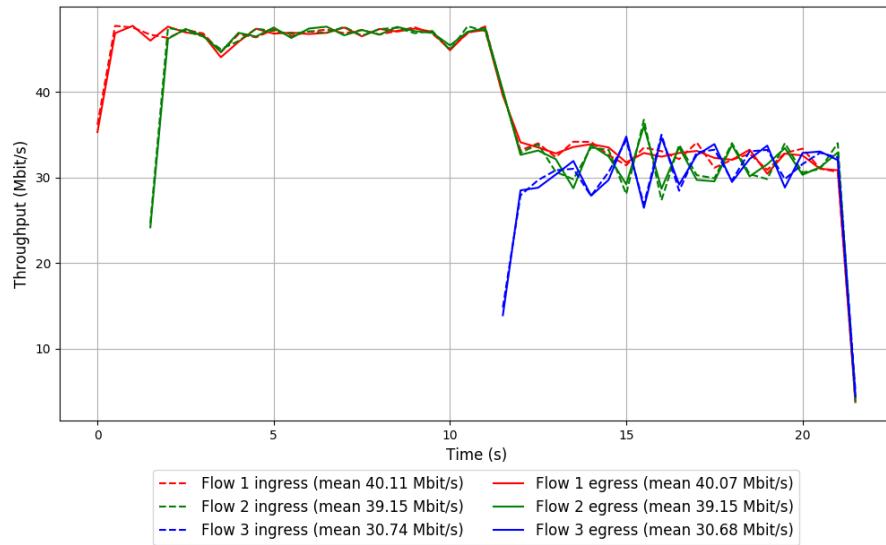
Figure is missing

Figure is missing

Run 1: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 23:00:48 +0000  
End at: Sun, 09 Jul 2017 23:01:18 +0000  
Local clock offset: -2.371 ms  
Remote clock offset: -21.977 ms

Run 1: Report of KohoCC — Data Link

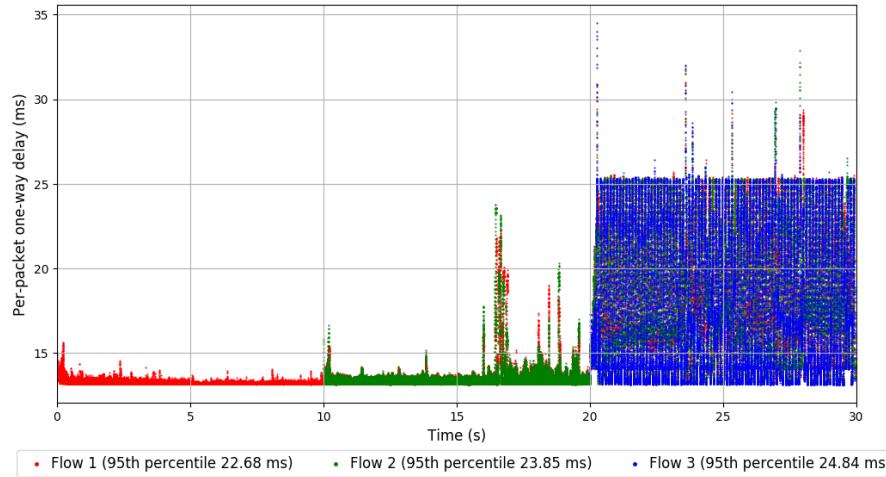
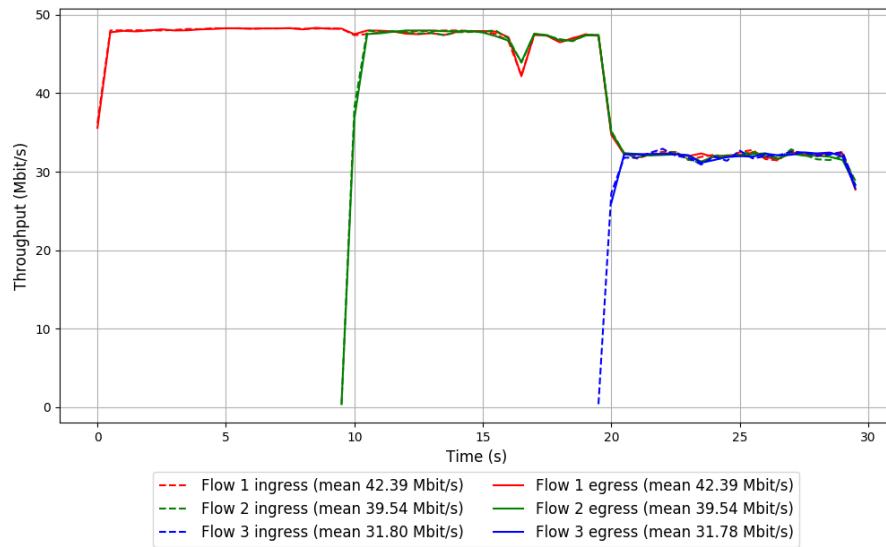


Run 2: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 23:18:43 +0000
End at: Sun, 09 Jul 2017 23:19:14 +0000
Local clock offset: -0.569 ms
Remote clock offset: -17.28 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 23.792 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 22.678 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 23.847 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 24.842 ms
Loss rate: 0.26%
```

## Run 2: Report of KohoCC — Data Link

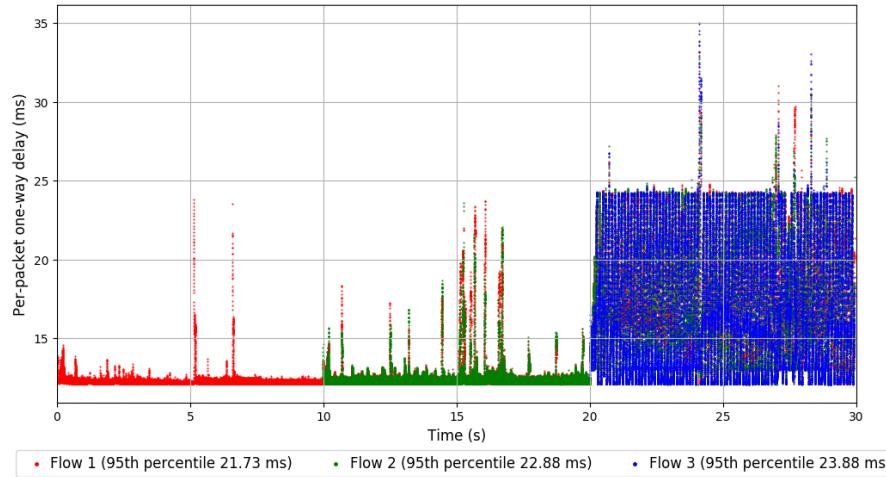
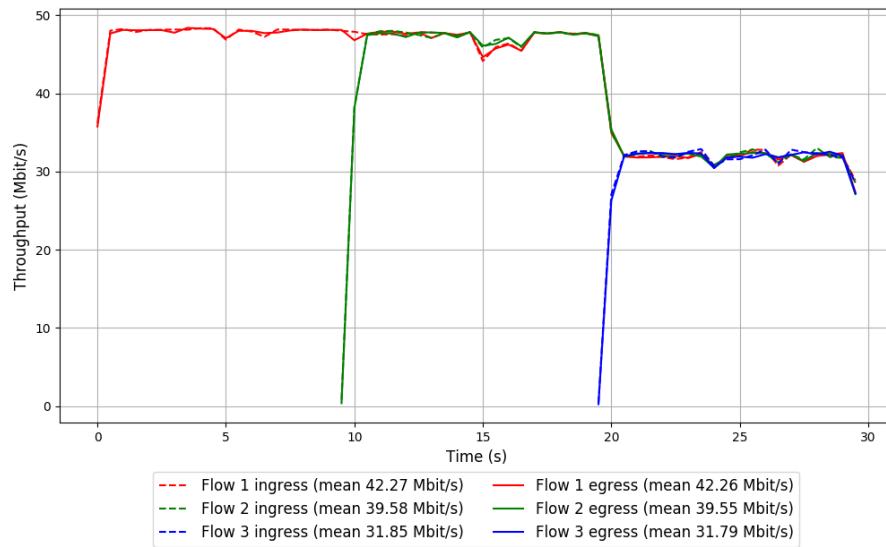


Run 3: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 23:36:45 +0000
End at: Sun, 09 Jul 2017 23:37:15 +0000
Local clock offset: 1.325 ms
Remote clock offset: -17.448 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 22.841 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 42.26 Mbit/s
95th percentile per-packet one-way delay: 21.728 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 22.881 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 23.878 ms
Loss rate: 0.43%
```

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

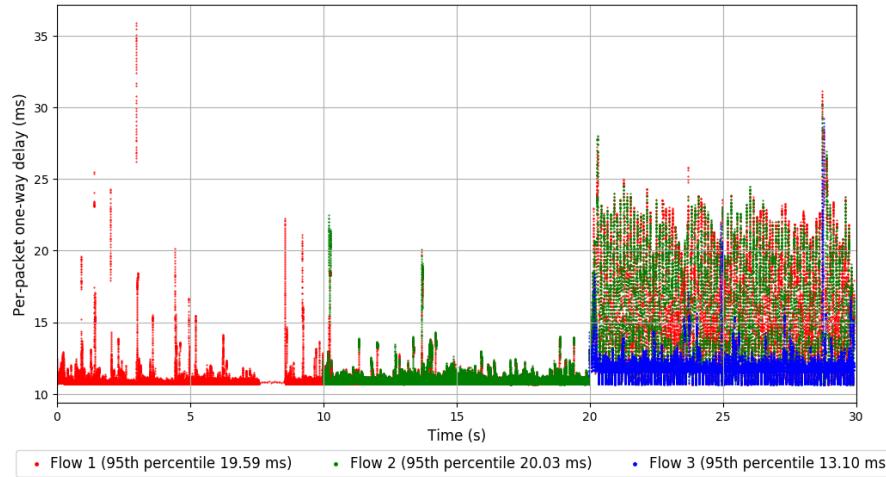
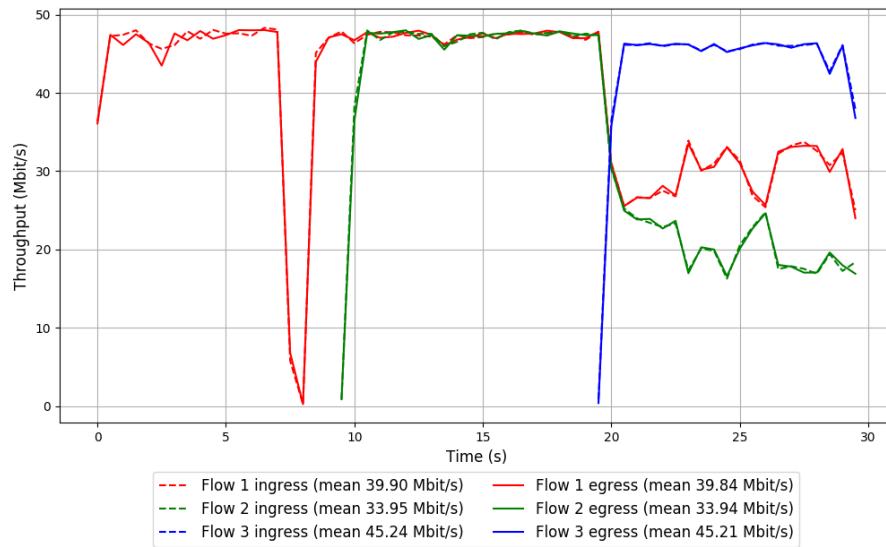


Run 4: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 23:54:46 +0000
End at: Sun, 09 Jul 2017 23:55:16 +0000
Local clock offset: 1.98 ms
Remote clock offset: -18.318 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.50 Mbit/s
95th percentile per-packet one-way delay: 19.252 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 39.84 Mbit/s
95th percentile per-packet one-way delay: 19.590 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 20.027 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 45.21 Mbit/s
95th percentile per-packet one-way delay: 13.103 ms
Loss rate: 0.28%
```

## Run 4: Report of KohoCC — Data Link

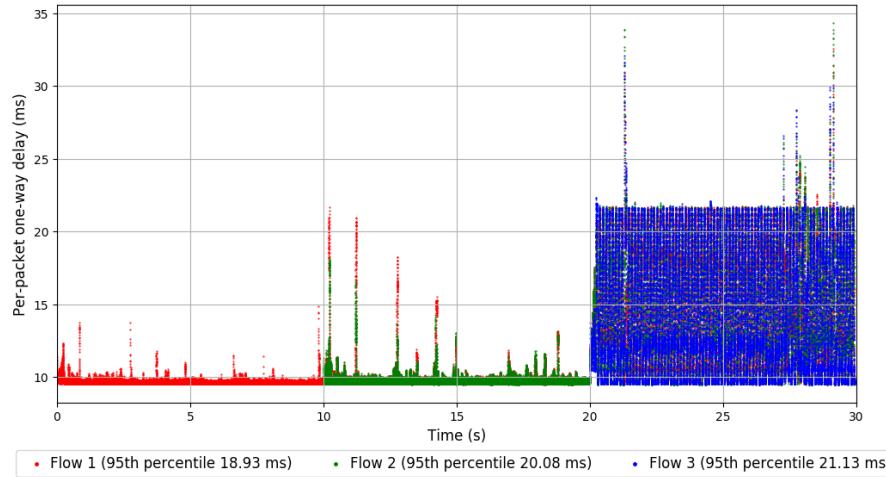
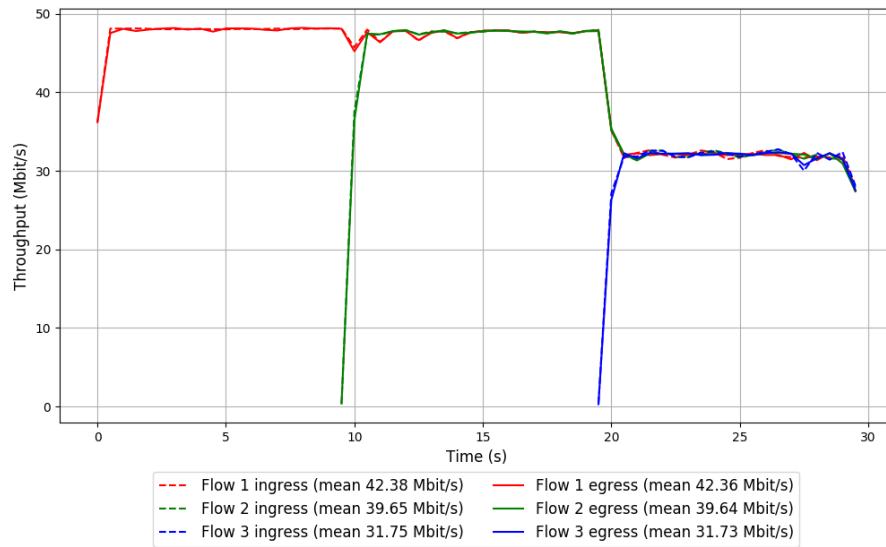


Run 5: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:12:59 +0000
End at: Mon, 10 Jul 2017 00:13:29 +0000
Local clock offset: 2.214 ms
Remote clock offset: -17.909 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 20.025 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 42.36 Mbit/s
95th percentile per-packet one-way delay: 18.925 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 20.080 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.73 Mbit/s
95th percentile per-packet one-way delay: 21.133 ms
Loss rate: 0.32%
```

Run 5: Report of KohoCC — Data Link

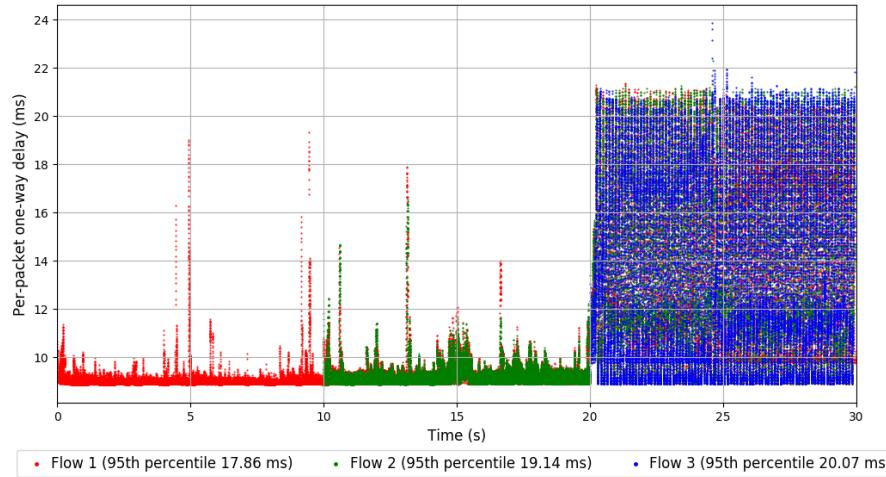
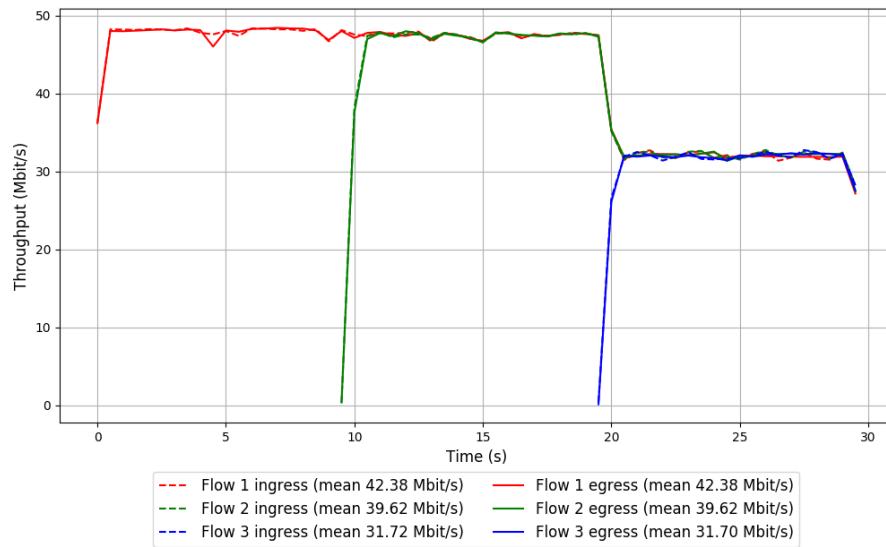


Run 6: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:31:06 +0000
End at: Mon, 10 Jul 2017 00:31:36 +0000
Local clock offset: 2.605 ms
Remote clock offset: -18.701 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.30 Mbit/s
95th percentile per-packet one-way delay: 18.977 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 42.38 Mbit/s
95th percentile per-packet one-way delay: 17.859 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 19.143 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 20.071 ms
Loss rate: 0.23%
```

Run 6: Report of KohoCC — Data Link

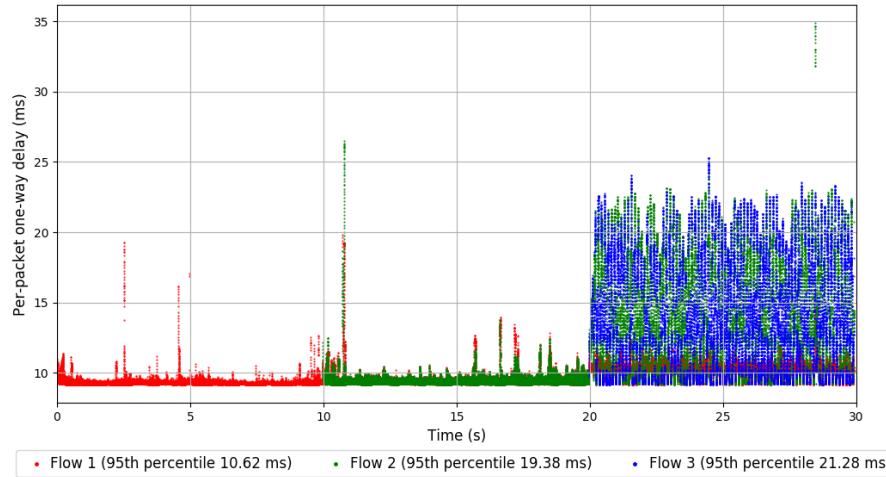
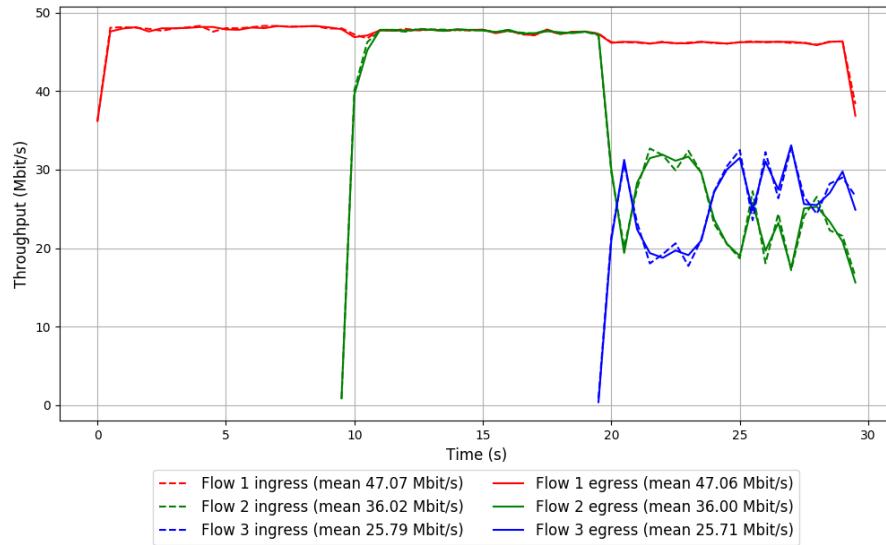


Run 7: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:49:10 +0000
End at: Mon, 10 Jul 2017 00:49:40 +0000
Local clock offset: 3.612 ms
Remote clock offset: -20.39 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.62 Mbit/s
95th percentile per-packet one-way delay: 18.127 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 47.06 Mbit/s
95th percentile per-packet one-way delay: 10.621 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.00 Mbit/s
95th percentile per-packet one-way delay: 19.380 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 21.276 ms
Loss rate: 0.43%
```

## Run 7: Report of KohoCC — Data Link

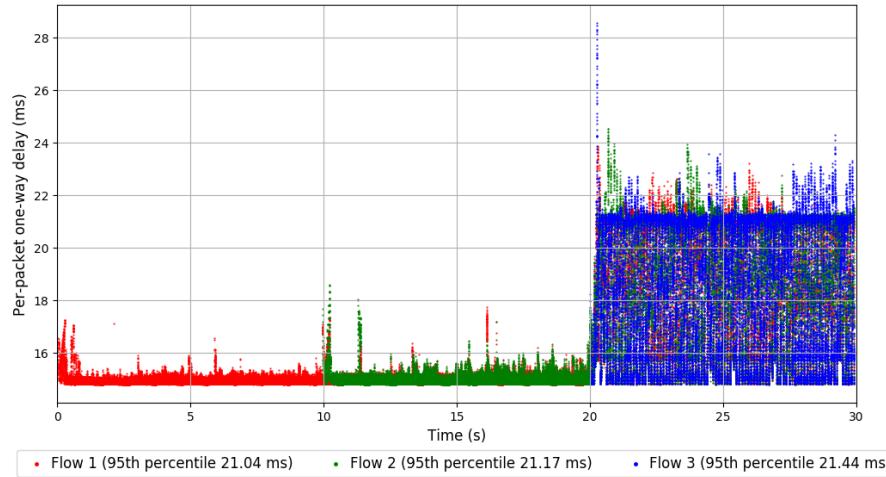
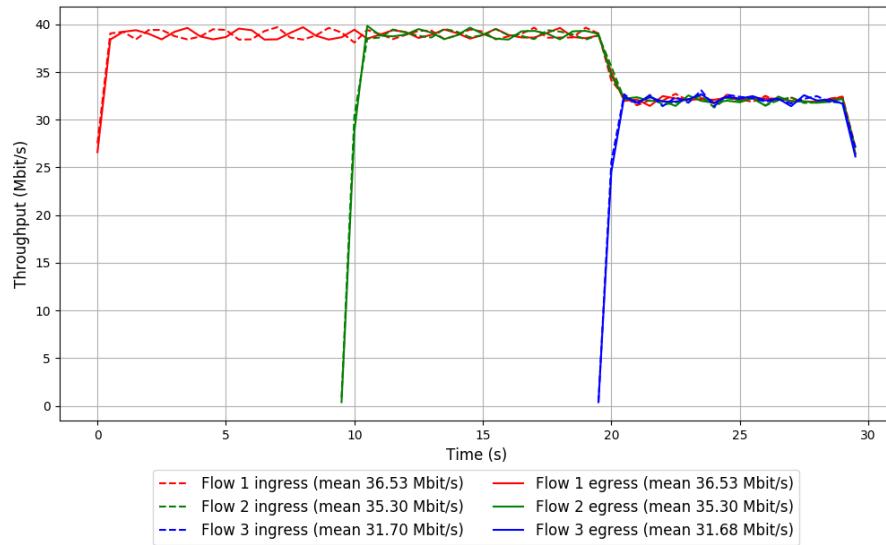


Run 8: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:07:18 +0000
End at: Mon, 10 Jul 2017 01:07:48 +0000
Local clock offset: 3.508 ms
Remote clock offset: -20.345 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 21.154 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 36.53 Mbit/s
95th percentile per-packet one-way delay: 21.043 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 35.30 Mbit/s
95th percentile per-packet one-way delay: 21.167 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 21.439 ms
Loss rate: 0.34%
```

## Run 8: Report of KohoCC — Data Link

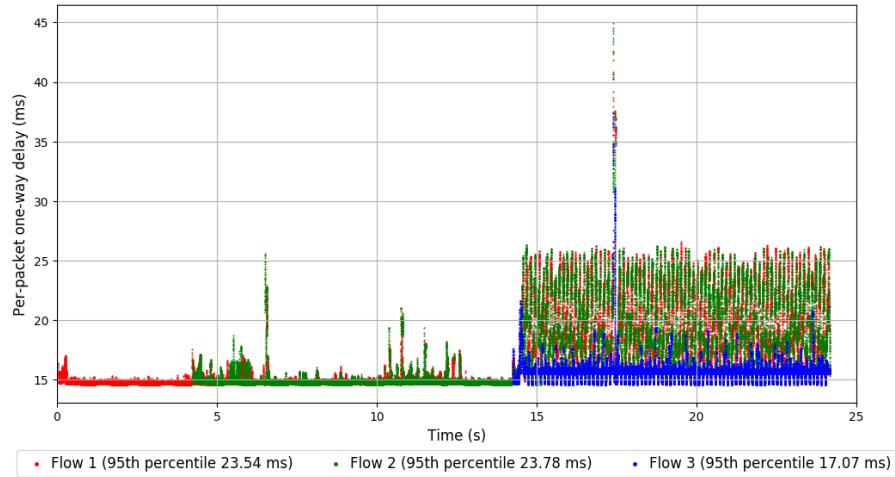
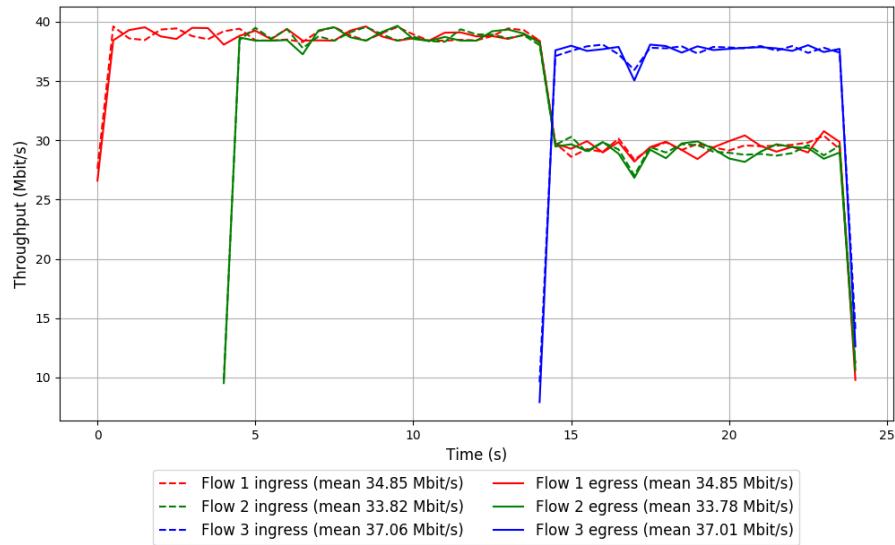


Run 9: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:25:44 +0000
End at: Mon, 10 Jul 2017 01:26:14 +0000
Local clock offset: 2.976 ms
Remote clock offset: -21.376 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.91 Mbit/s
95th percentile per-packet one-way delay: 23.309 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 34.85 Mbit/s
95th percentile per-packet one-way delay: 23.535 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 23.783 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 37.01 Mbit/s
95th percentile per-packet one-way delay: 17.075 ms
Loss rate: 0.38%
```

Run 9: Report of KohoCC — Data Link

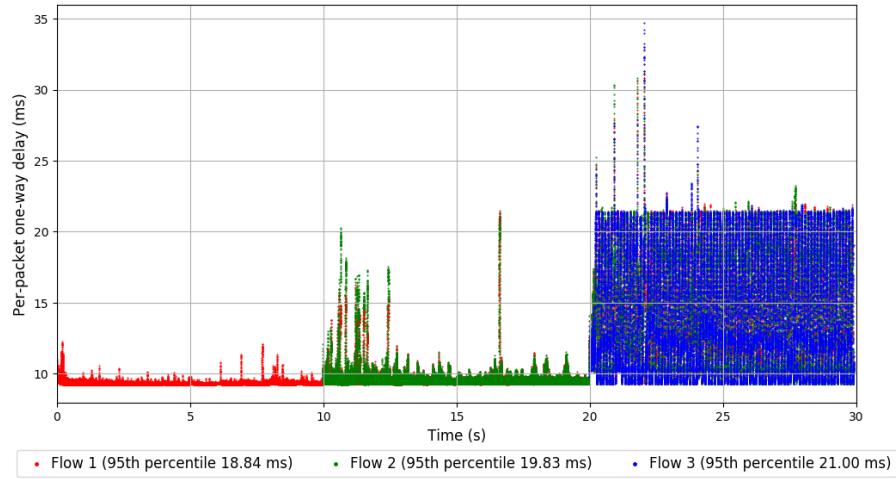
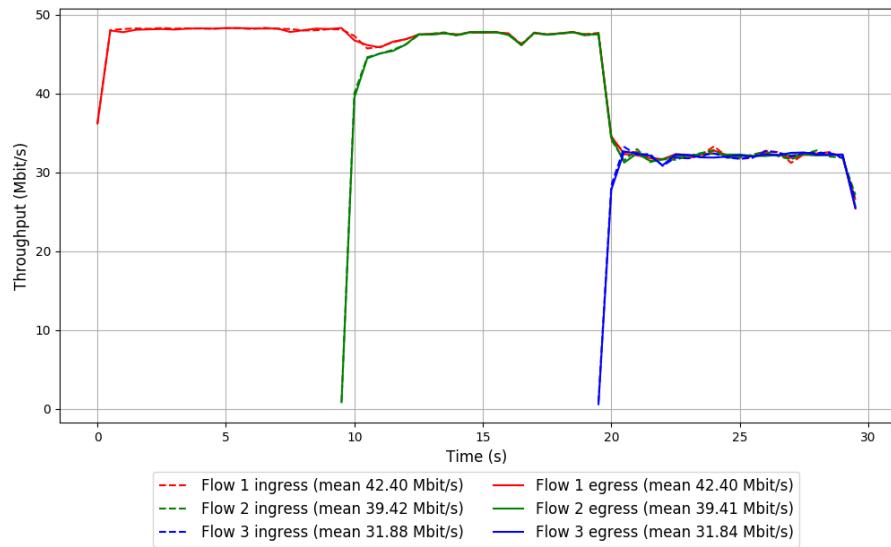


Run 10: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:43:49 +0000
End at: Mon, 10 Jul 2017 01:44:19 +0000
Local clock offset: -0.623 ms
Remote clock offset: -22.284 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.25 Mbit/s
95th percentile per-packet one-way delay: 19.928 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 18.845 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 19.827 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 21.003 ms
Loss rate: 0.30%
```

Run 10: Report of KohoCC — Data Link

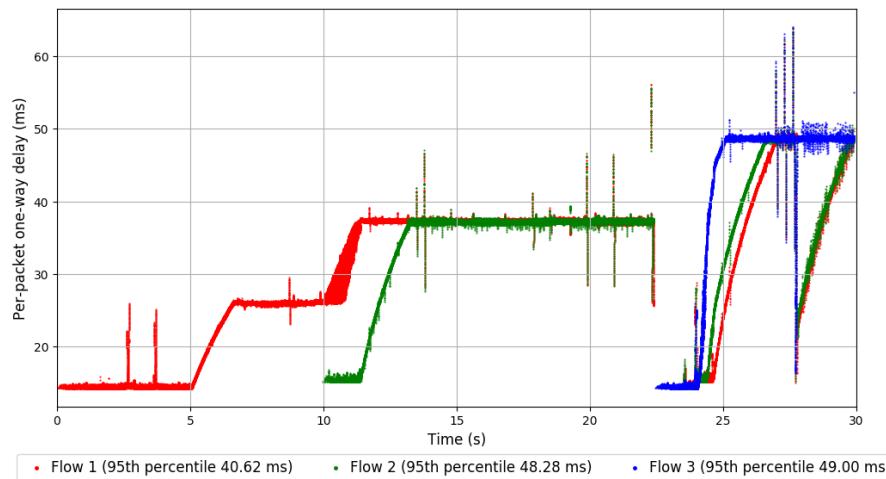
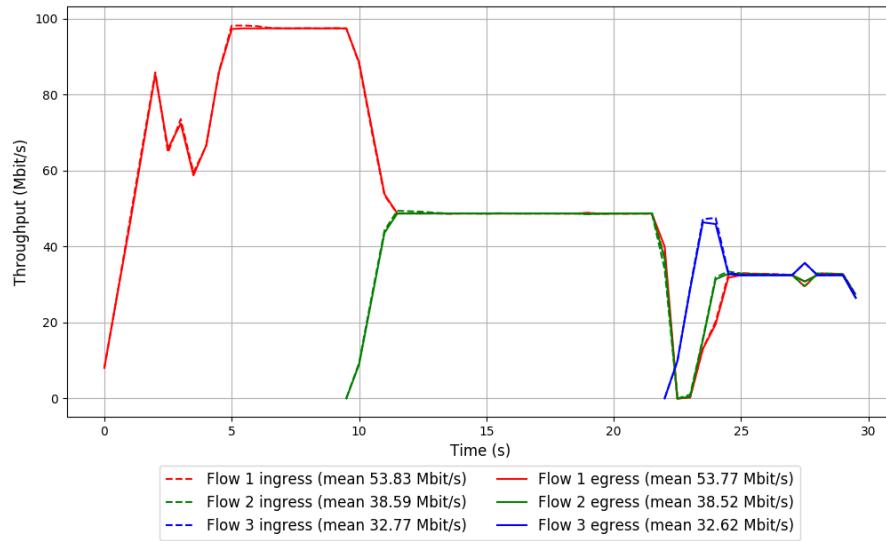


```
Run 1: Statistics of LEDBAT
```

```
Start at: Sun, 09 Jul 2017 22:57:15 +0000
End at: Sun, 09 Jul 2017 22:57:45 +0000
Local clock offset: 0.403 ms
Remote clock offset: -16.946 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.59 Mbit/s
95th percentile per-packet one-way delay: 48.712 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 53.77 Mbit/s
95th percentile per-packet one-way delay: 40.623 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 48.278 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 32.62 Mbit/s
95th percentile per-packet one-way delay: 49.002 ms
Loss rate: 0.79%
```

Run 1: Report of LEDBAT — Data Link

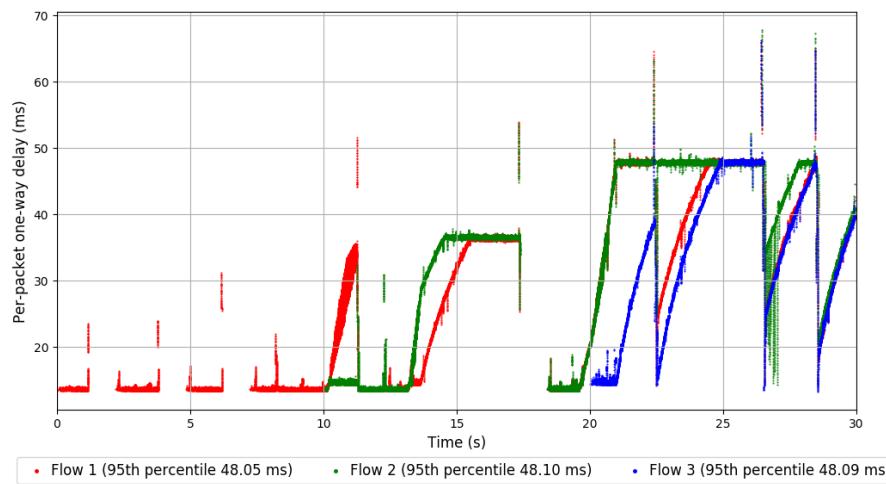
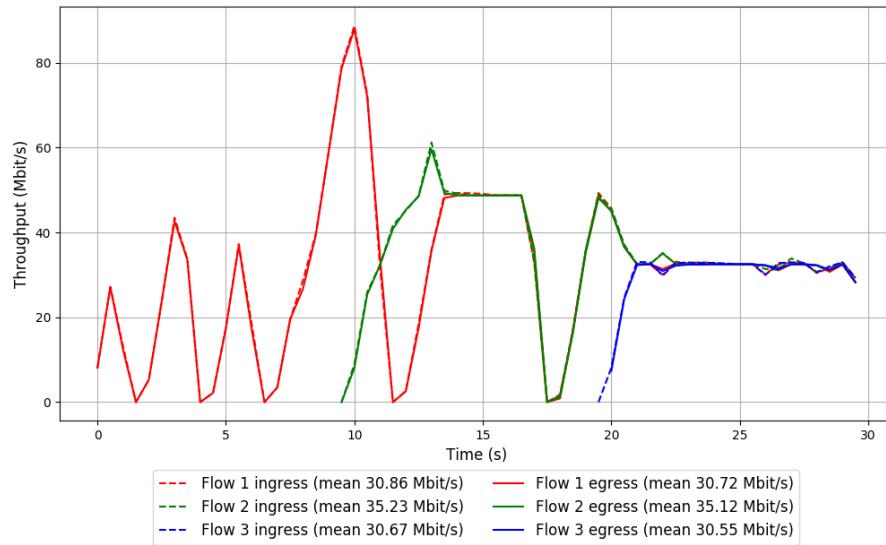


Run 2: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:15:13 +0000
End at: Sun, 09 Jul 2017 23:15:43 +0000
Local clock offset: 1.249 ms
Remote clock offset: -16.561 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.28 Mbit/s
95th percentile per-packet one-way delay: 48.084 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 30.72 Mbit/s
95th percentile per-packet one-way delay: 48.050 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 48.103 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 48.094 ms
Loss rate: 0.62%
```

Run 2: Report of LEDBAT — Data Link

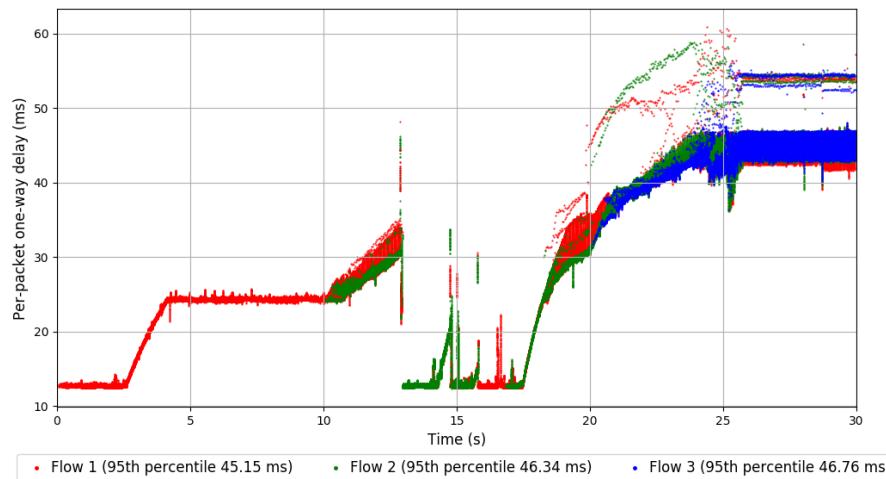
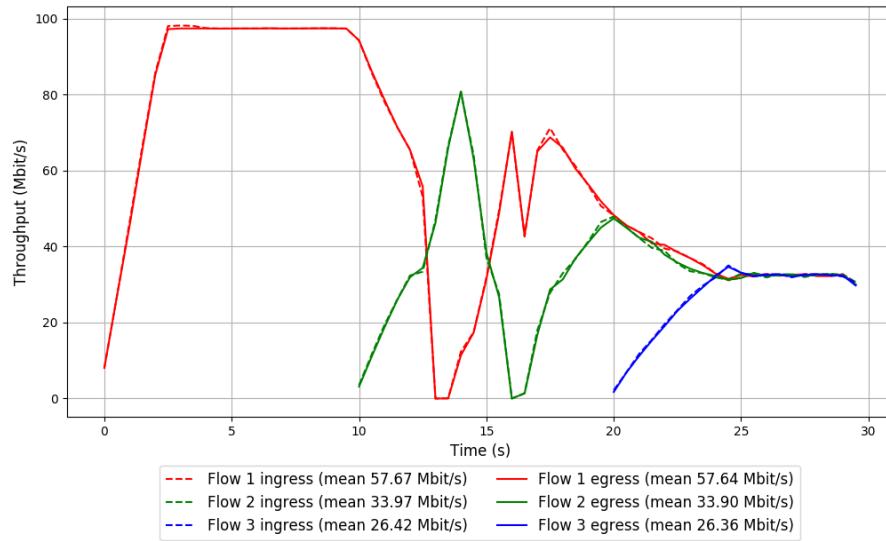


Run 3: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:33:11 +0000
End at: Sun, 09 Jul 2017 23:33:41 +0000
Local clock offset: 1.148 ms
Remote clock offset: -18.512 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.91 Mbit/s
95th percentile per-packet one-way delay: 46.065 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 57.64 Mbit/s
95th percentile per-packet one-way delay: 45.153 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 46.345 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 26.36 Mbit/s
95th percentile per-packet one-way delay: 46.764 ms
Loss rate: 0.67%
```

Run 3: Report of LEDBAT — Data Link

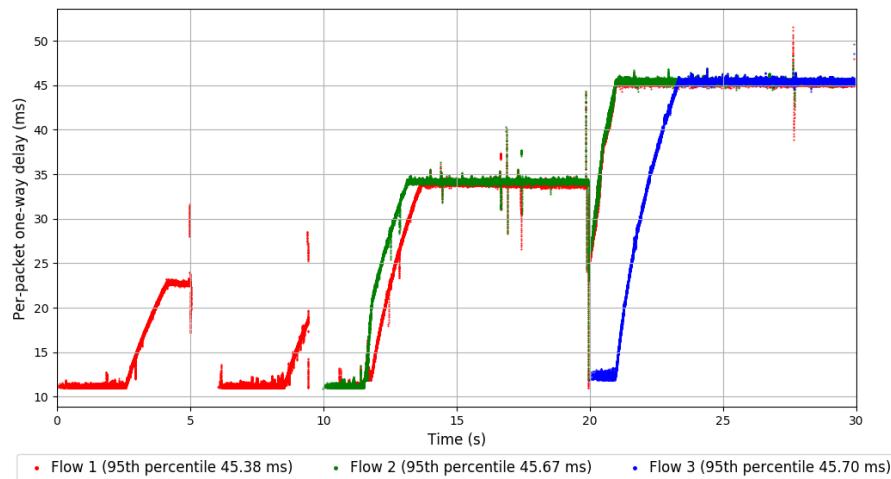
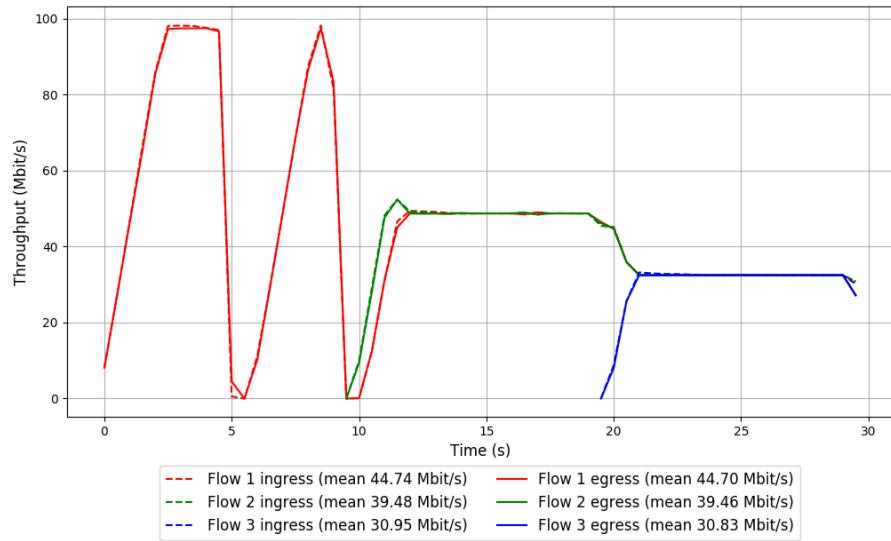


Run 4: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:51:15 +0000
End at: Sun, 09 Jul 2017 23:51:45 +0000
Local clock offset: 1.607 ms
Remote clock offset: -18.792 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.27 Mbit/s
95th percentile per-packet one-way delay: 45.636 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 45.380 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 45.670 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 45.704 ms
Loss rate: 0.96%
```

## Run 4: Report of LEDBAT — Data Link

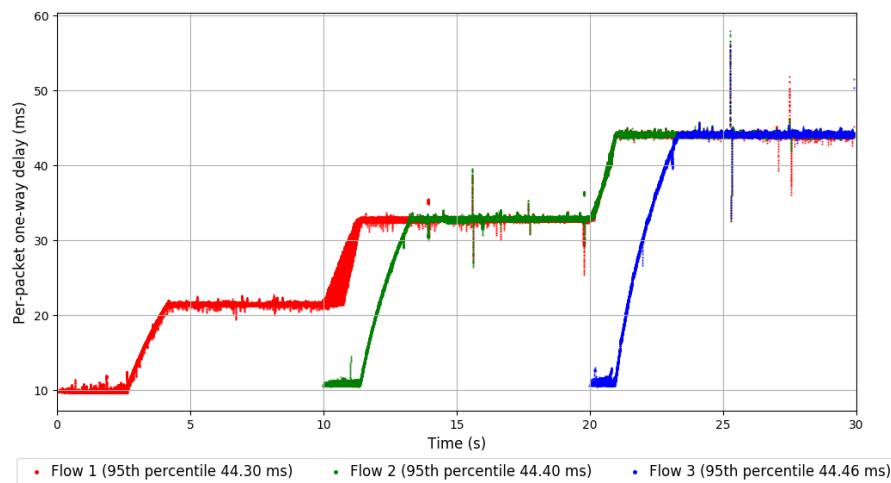
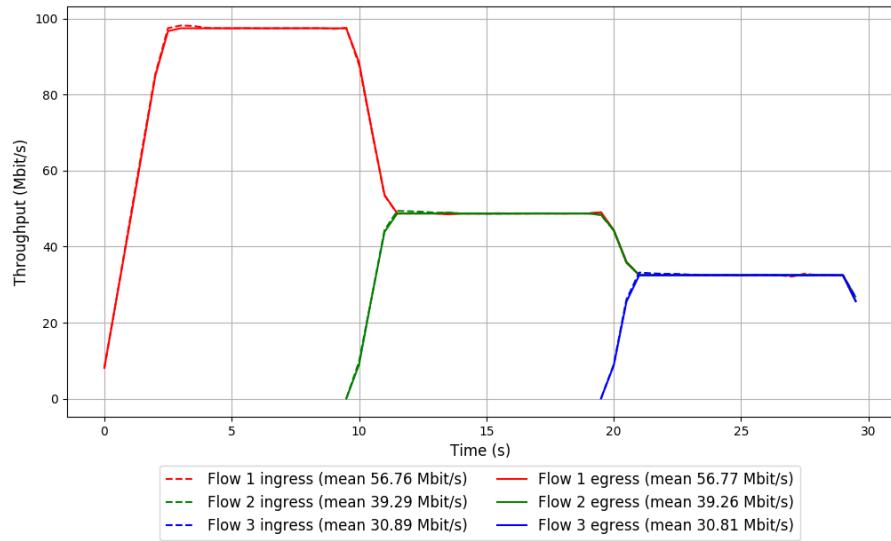


Run 5: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:09:25 +0000
End at: Mon, 10 Jul 2017 00:09:55 +0000
Local clock offset: 4.636 ms
Remote clock offset: -20.091 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 44.381 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.77 Mbit/s
95th percentile per-packet one-way delay: 44.301 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 44.400 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.81 Mbit/s
95th percentile per-packet one-way delay: 44.458 ms
Loss rate: 0.63%
```

Run 5: Report of LEDBAT — Data Link

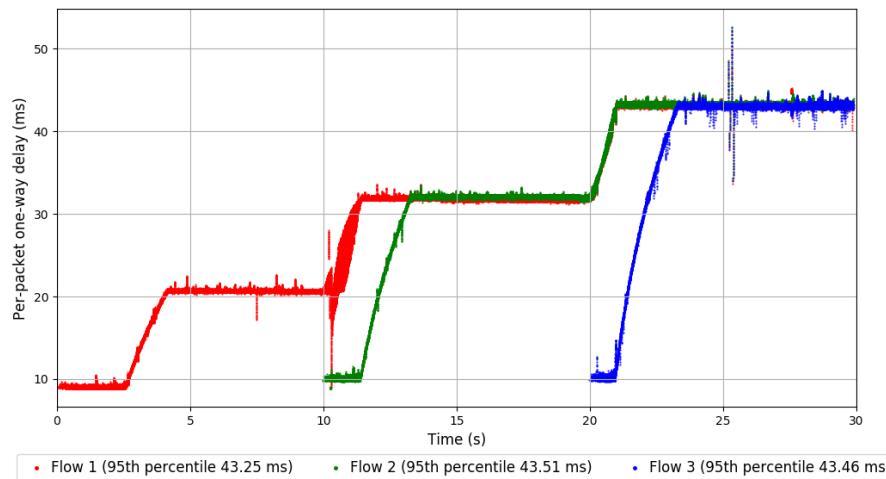
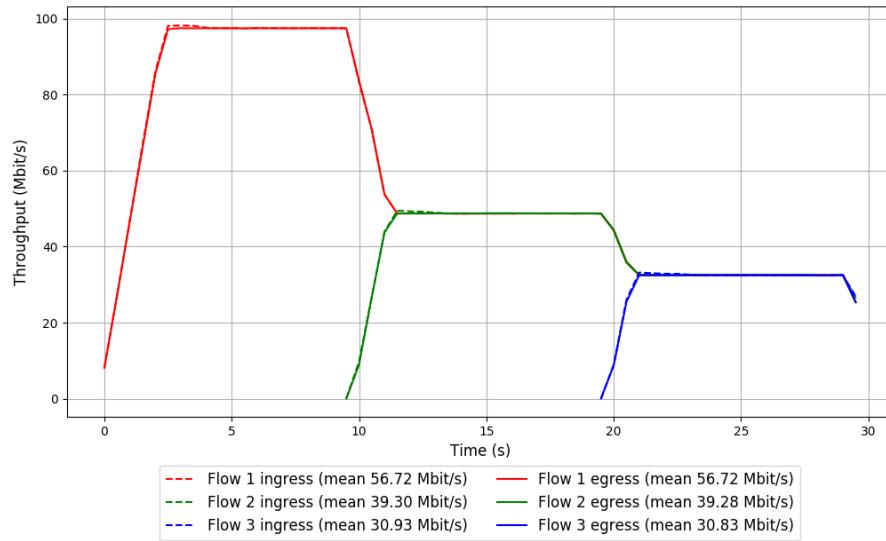


Run 6: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:27:30 +0000
End at: Mon, 10 Jul 2017 00:28:00 +0000
Local clock offset: 1.086 ms
Remote clock offset: -19.306 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 43.406 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 43.251 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 43.514 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 43.456 ms
Loss rate: 0.70%
```

Run 6: Report of LEDBAT — Data Link

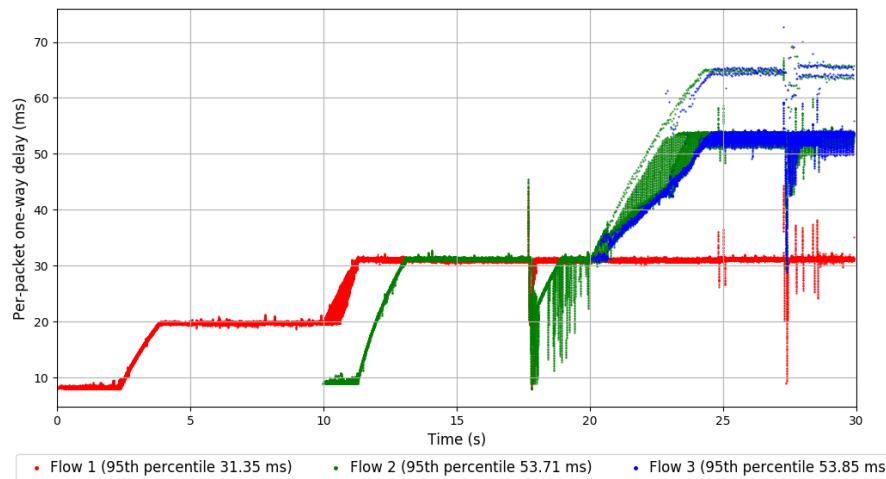
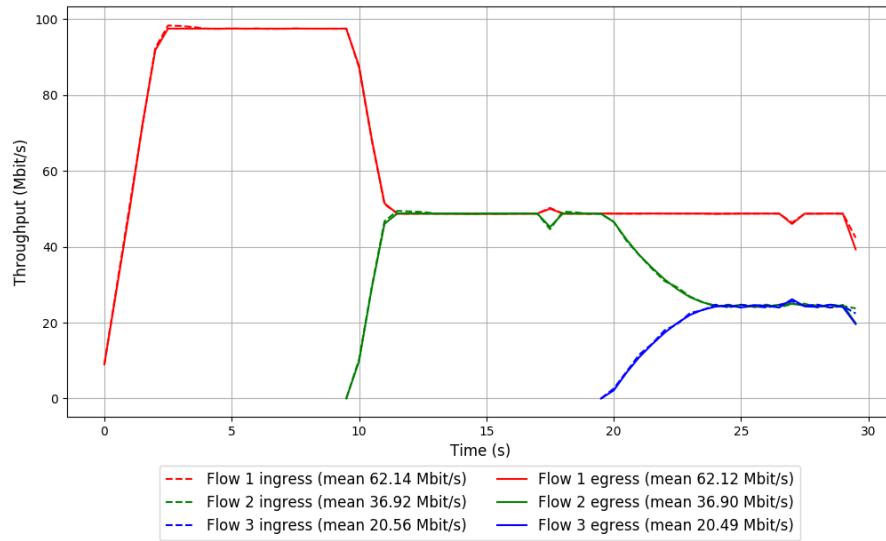


Run 7: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:45:33 +0000
End at: Mon, 10 Jul 2017 00:46:03 +0000
Local clock offset: 3.693 ms
Remote clock offset: -20.112 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 53.528 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 62.12 Mbit/s
95th percentile per-packet one-way delay: 31.348 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 53.709 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 20.49 Mbit/s
95th percentile per-packet one-way delay: 53.851 ms
Loss rate: 1.30%
```

Run 7: Report of LEDBAT — Data Link

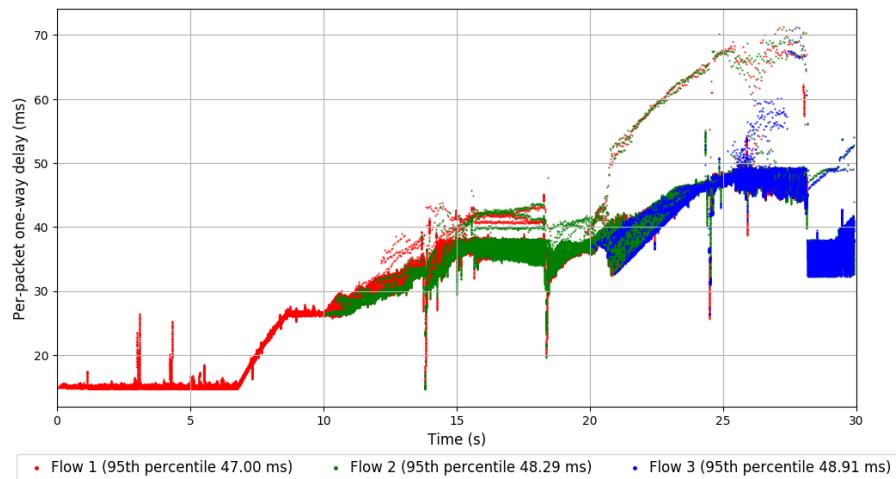
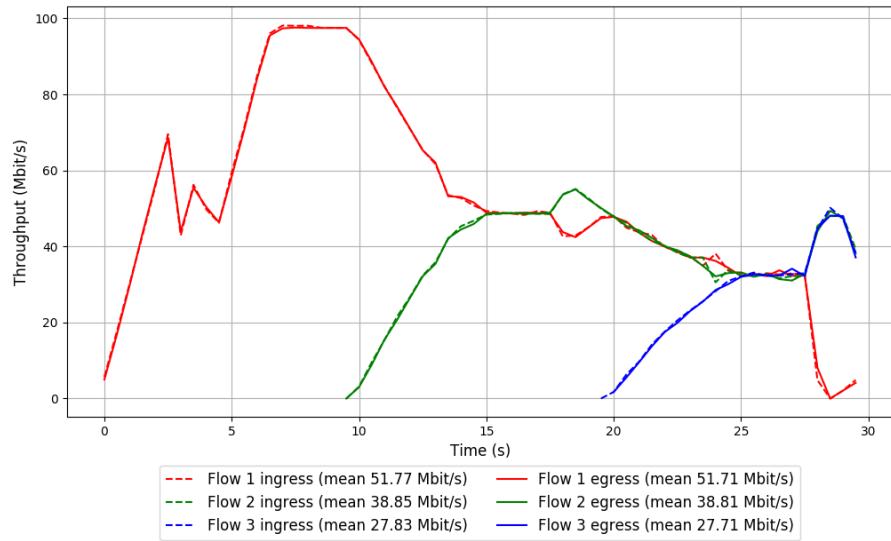


Run 8: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:03:46 +0000
End at: Mon, 10 Jul 2017 01:04:16 +0000
Local clock offset: 1.736 ms
Remote clock offset: -21.215 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.75 Mbit/s
95th percentile per-packet one-way delay: 47.943 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 51.71 Mbit/s
95th percentile per-packet one-way delay: 47.001 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 48.289 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 27.71 Mbit/s
95th percentile per-packet one-way delay: 48.908 ms
Loss rate: 0.89%
```

Run 8: Report of LEDBAT — Data Link

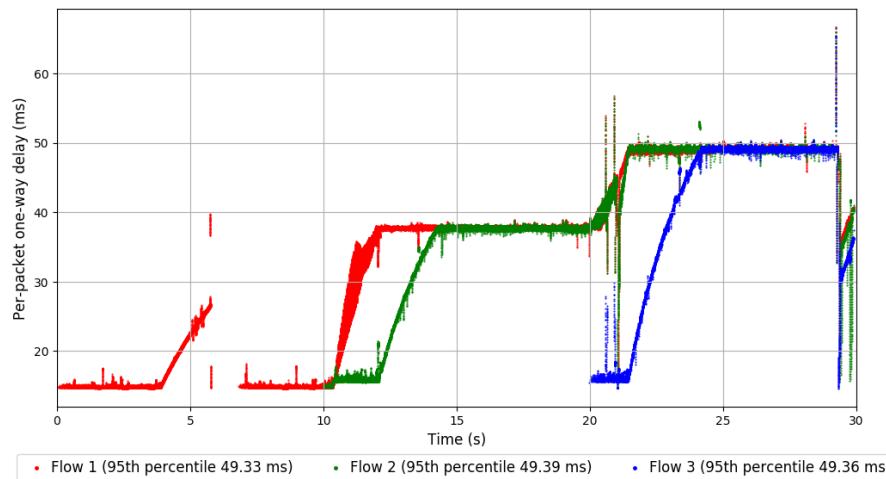
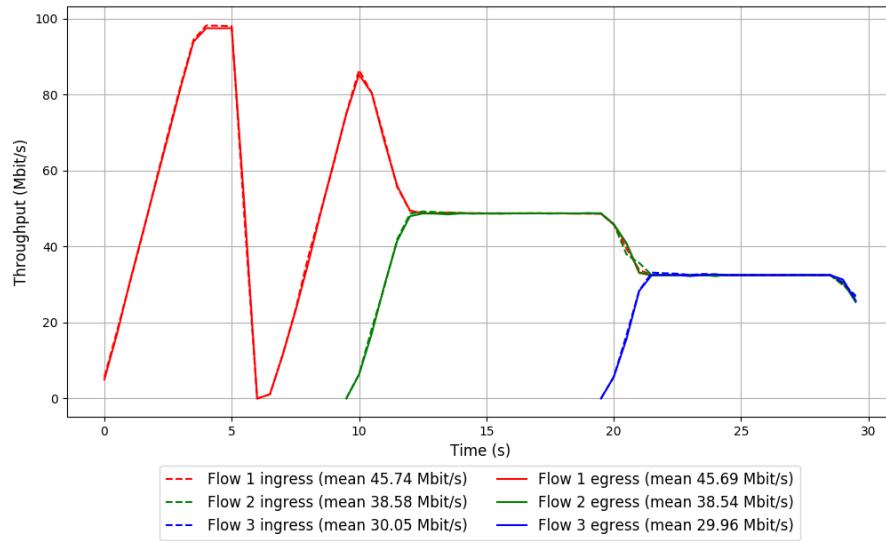


Run 9: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:22:07 +0000
End at: Mon, 10 Jul 2017 01:22:38 +0000
Local clock offset: -0.005 ms
Remote clock offset: -21.975 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 49.362 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 45.69 Mbit/s
95th percentile per-packet one-way delay: 49.326 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 38.54 Mbit/s
95th percentile per-packet one-way delay: 49.394 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 29.96 Mbit/s
95th percentile per-packet one-way delay: 49.363 ms
Loss rate: 0.58%
```

## Run 9: Report of LEDBAT — Data Link

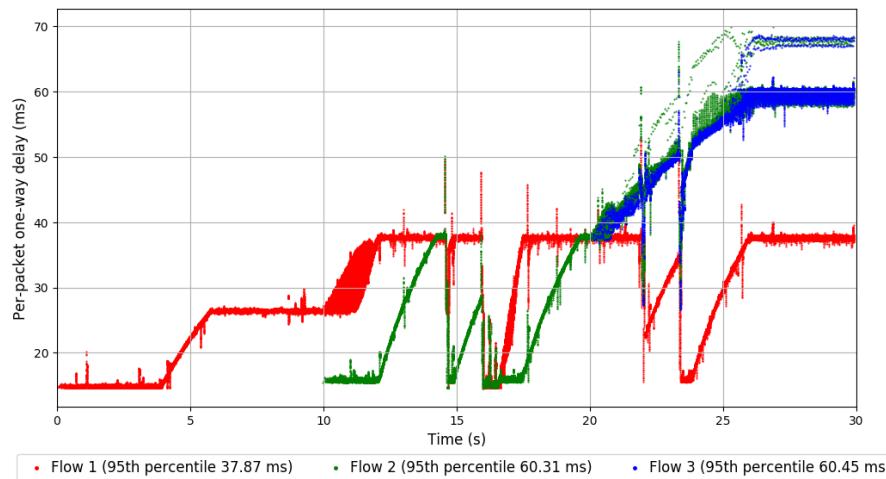
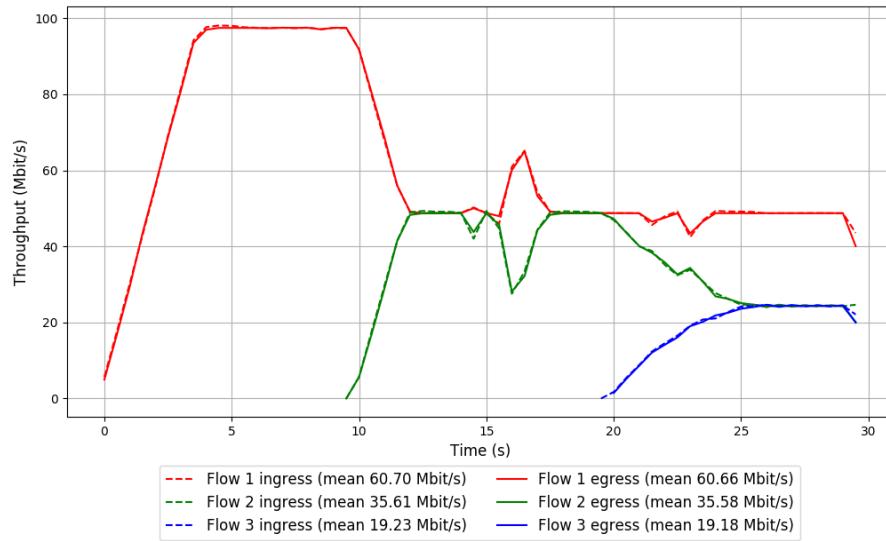


Run 10: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:40:15 +0000
End at: Mon, 10 Jul 2017 01:40:45 +0000
Local clock offset: -0.062 ms
Remote clock offset: -20.617 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 60.123 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 60.66 Mbit/s
95th percentile per-packet one-way delay: 37.872 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 35.58 Mbit/s
95th percentile per-packet one-way delay: 60.315 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 60.447 ms
Loss rate: 1.30%
```

Run 10: Report of LEDBAT — Data Link

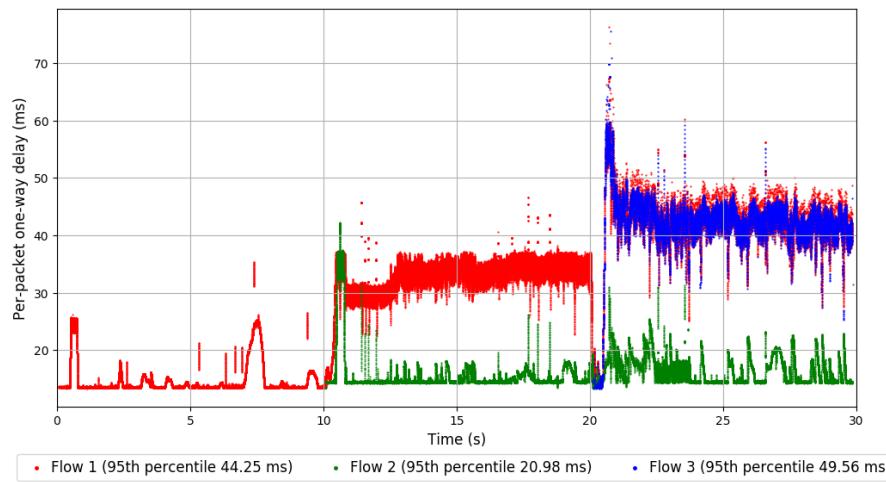
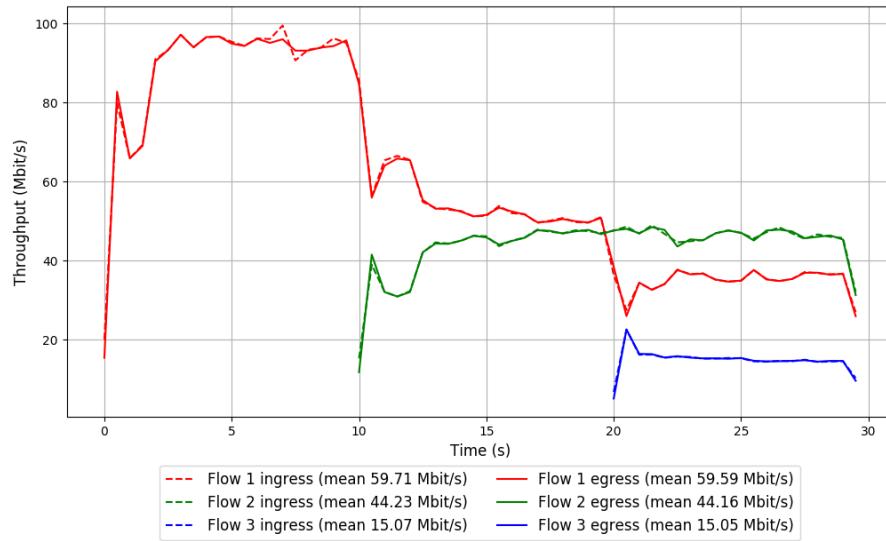


Run 1: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:14:03 +0000
End at: Sun, 09 Jul 2017 23:14:33 +0000
Local clock offset: 2.107 ms
Remote clock offset: -18.558 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 44.065 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 59.59 Mbit/s
95th percentile per-packet one-way delay: 44.247 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 44.16 Mbit/s
95th percentile per-packet one-way delay: 20.979 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 15.05 Mbit/s
95th percentile per-packet one-way delay: 49.558 ms
Loss rate: 0.56%
```

Run 1: Report of PCC — Data Link

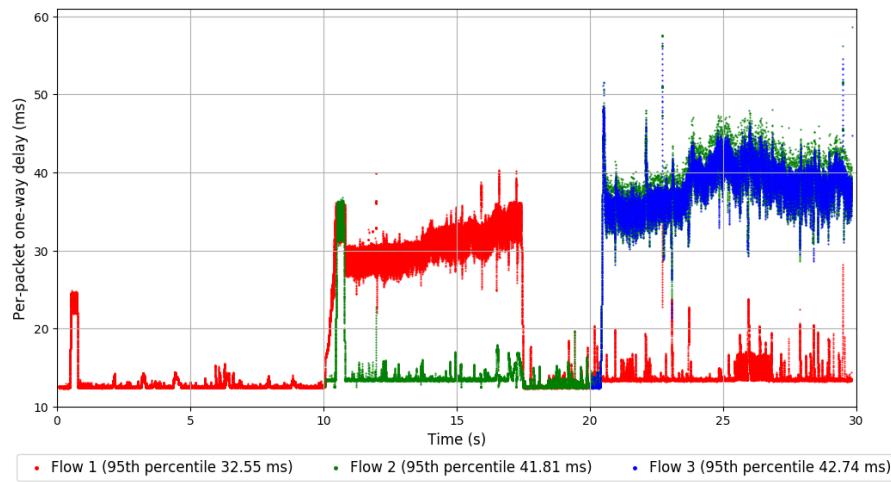
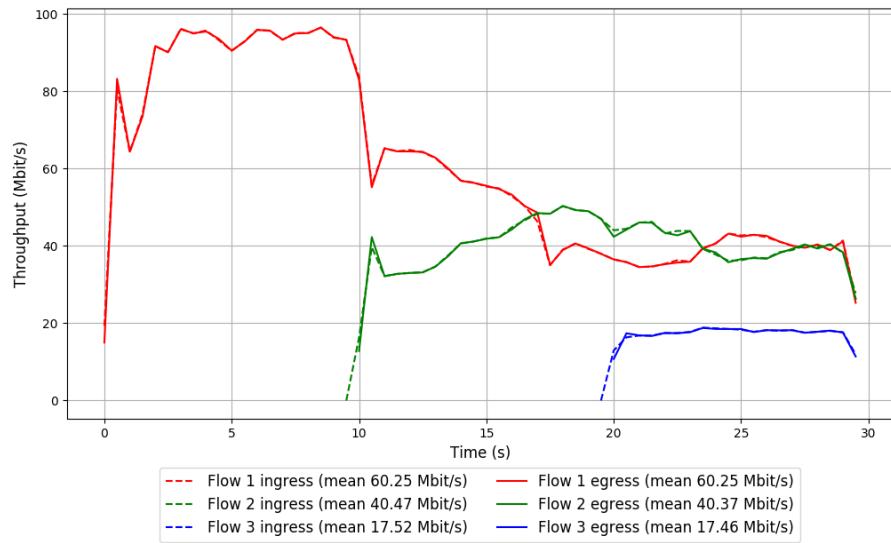


Run 2: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:32:00 +0000
End at: Sun, 09 Jul 2017 23:32:30 +0000
Local clock offset: 0.867 ms
Remote clock offset: -18.14 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 40.170 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 60.25 Mbit/s
95th percentile per-packet one-way delay: 32.549 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.37 Mbit/s
95th percentile per-packet one-way delay: 41.812 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 17.46 Mbit/s
95th percentile per-packet one-way delay: 42.739 ms
Loss rate: 0.56%
```

Run 2: Report of PCC — Data Link

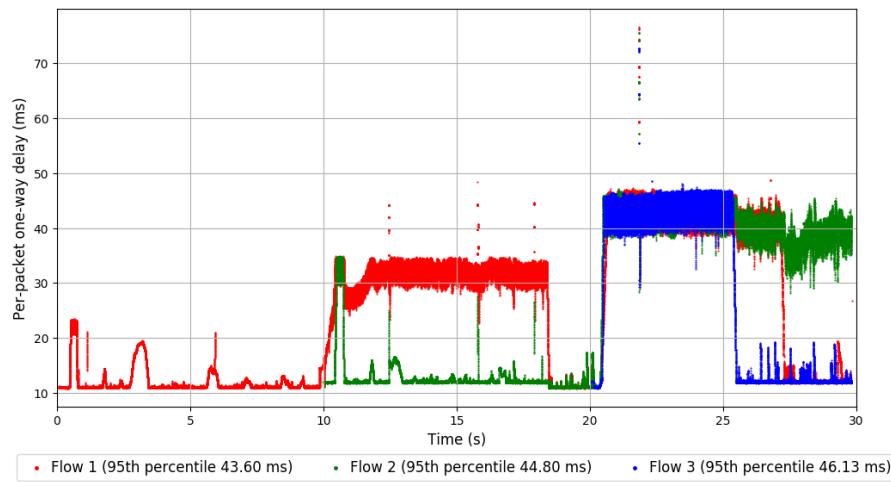
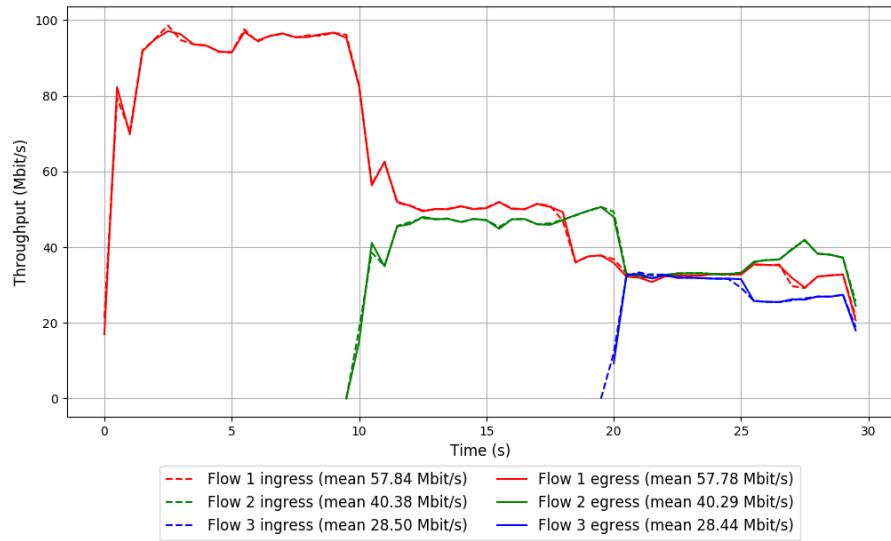


Run 3: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:50:04 +0000
End at: Sun, 09 Jul 2017 23:50:34 +0000
Local clock offset: 3.215 ms
Remote clock offset: -20.175 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.94 Mbit/s
95th percentile per-packet one-way delay: 44.810 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 57.78 Mbit/s
95th percentile per-packet one-way delay: 43.601 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.29 Mbit/s
95th percentile per-packet one-way delay: 44.797 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 28.44 Mbit/s
95th percentile per-packet one-way delay: 46.130 ms
Loss rate: 0.47%
```

### Run 3: Report of PCC — Data Link

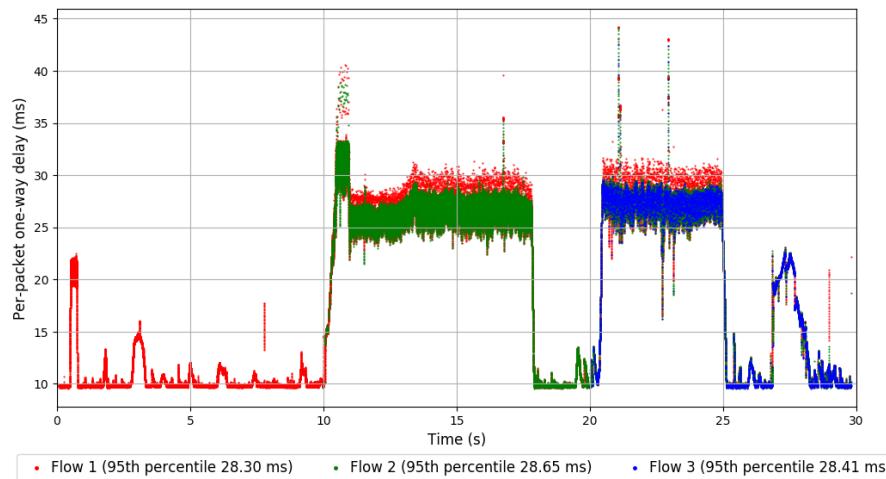
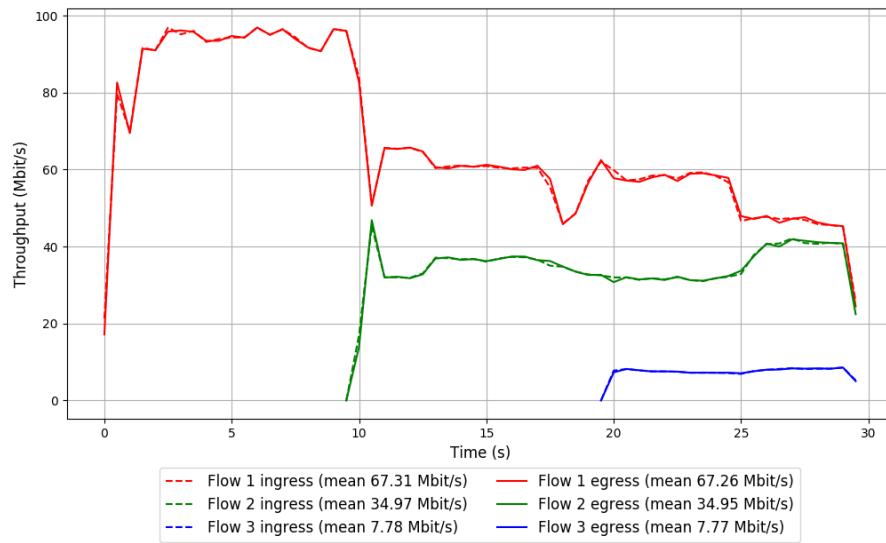


Run 4: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:08:13 +0000
End at: Mon, 10 Jul 2017 00:08:43 +0000
Local clock offset: 1.096 ms
Remote clock offset: -19.714 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: 28.400 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 67.26 Mbit/s
95th percentile per-packet one-way delay: 28.295 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.95 Mbit/s
95th percentile per-packet one-way delay: 28.649 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 28.408 ms
Loss rate: 0.25%
```

Run 4: Report of PCC — Data Link

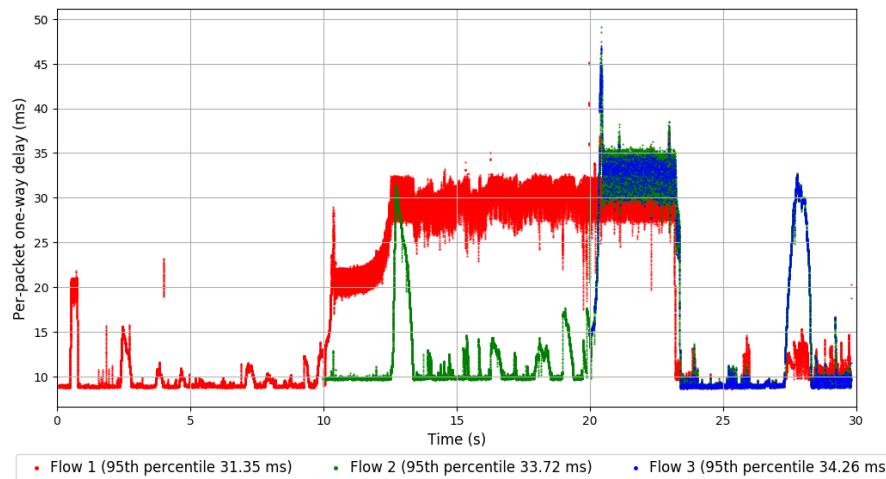
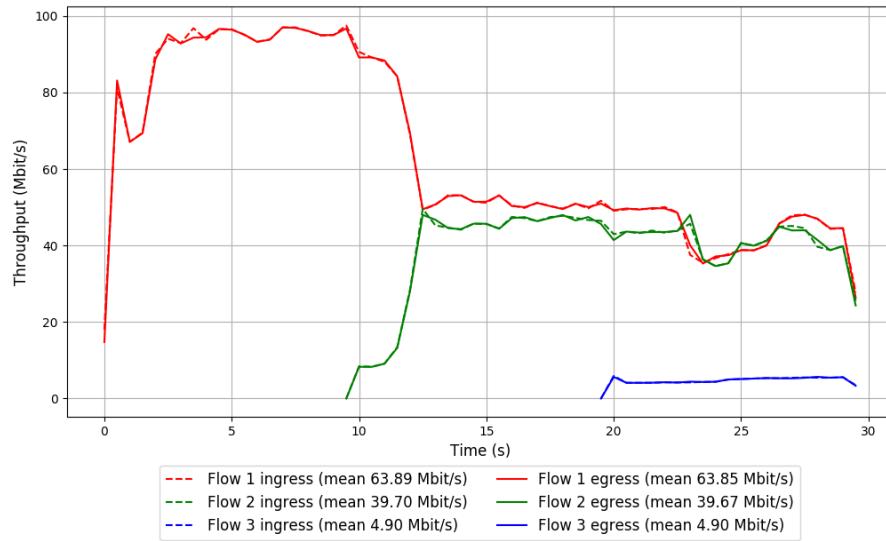


Run 5: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:26:18 +0000
End at: Mon, 10 Jul 2017 00:26:48 +0000
Local clock offset: 0.51 ms
Remote clock offset: -18.276 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 31.907 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 63.85 Mbit/s
95th percentile per-packet one-way delay: 31.346 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.67 Mbit/s
95th percentile per-packet one-way delay: 33.723 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 34.255 ms
Loss rate: 0.28%
```

## Run 5: Report of PCC — Data Link

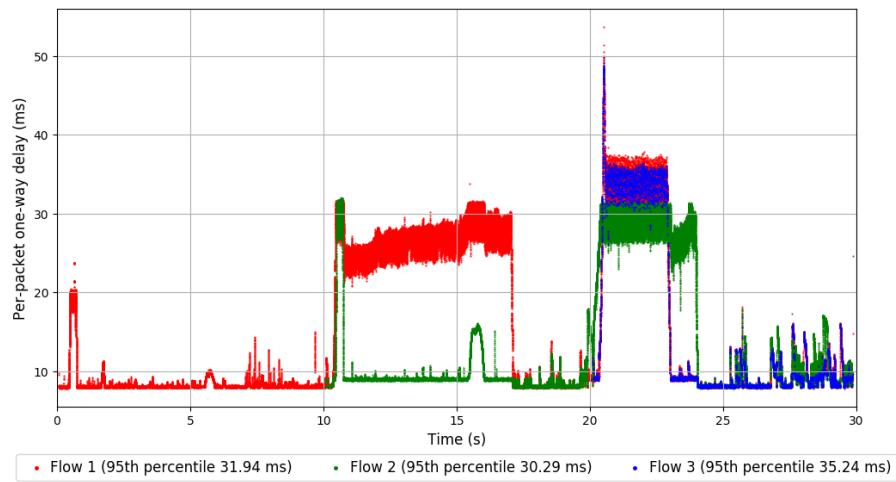
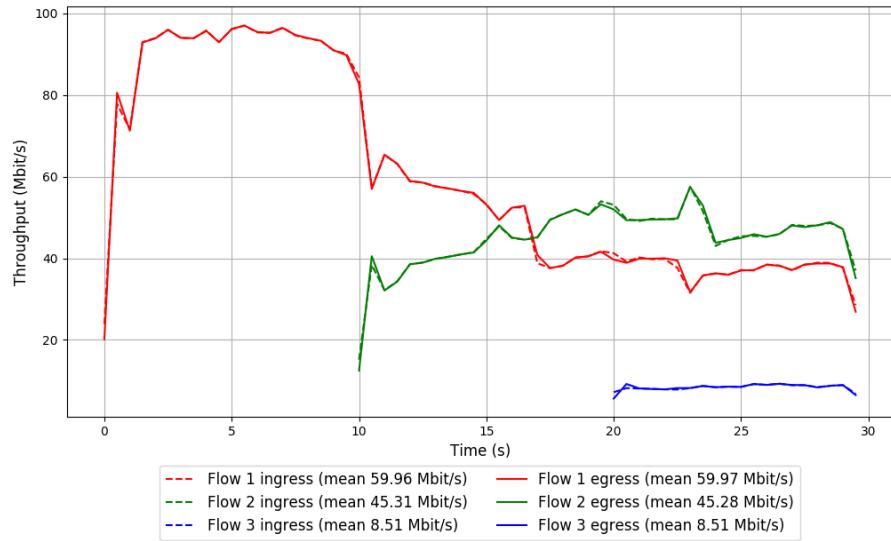


Run 6: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:44:20 +0000
End at: Mon, 10 Jul 2017 00:44:50 +0000
Local clock offset: 4.705 ms
Remote clock offset: -18.255 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.85 Mbit/s
95th percentile per-packet one-way delay: 30.956 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.97 Mbit/s
95th percentile per-packet one-way delay: 31.940 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 45.28 Mbit/s
95th percentile per-packet one-way delay: 30.285 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 35.236 ms
Loss rate: 0.30%
```

Run 6: Report of PCC — Data Link

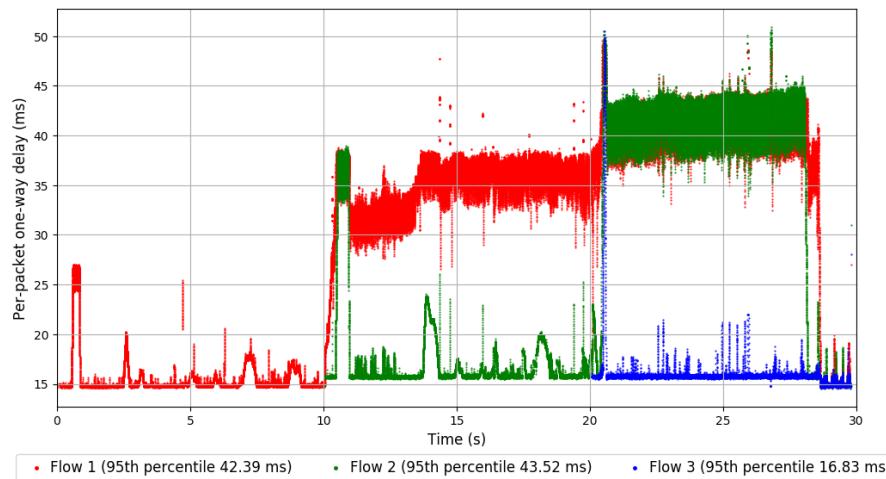
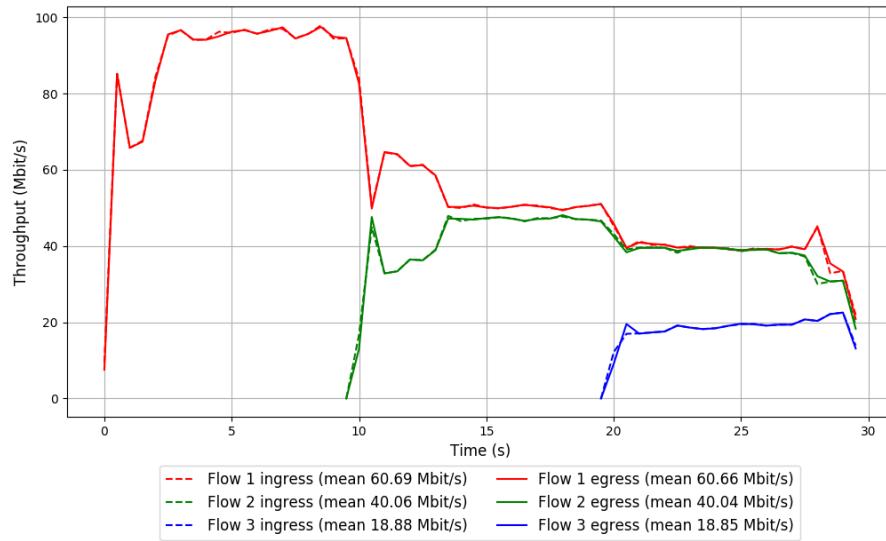


Run 7: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:02:34 +0000
End at: Mon, 10 Jul 2017 01:03:04 +0000
Local clock offset: 1.347 ms
Remote clock offset: -19.22 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 42.905 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 60.66 Mbit/s
95th percentile per-packet one-way delay: 42.394 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 43.522 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 18.85 Mbit/s
95th percentile per-packet one-way delay: 16.832 ms
Loss rate: 0.39%
```

### Run 7: Report of PCC — Data Link

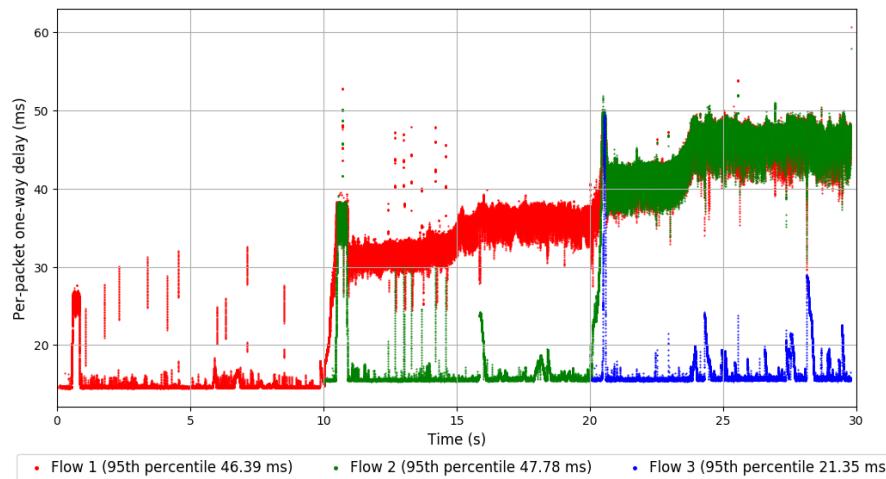
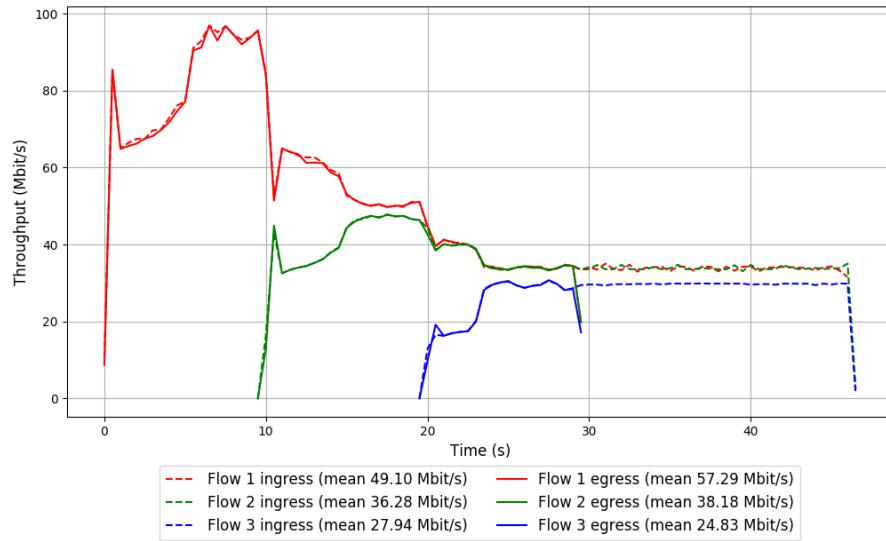


Run 8: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:20:37 +0000
End at: Mon, 10 Jul 2017 01:21:07 +0000
Local clock offset: 2.219 ms
Remote clock offset: -20.136 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 46.987 ms
Loss rate: 37.75%
-- Flow 1:
Average throughput: 57.29 Mbit/s
95th percentile per-packet one-way delay: 46.393 ms
Loss rate: 25.18%
-- Flow 2:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 47.785 ms
Loss rate: 42.90%
-- Flow 3:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 21.350 ms
Loss rate: 67.18%
```

Run 8: Report of PCC — Data Link

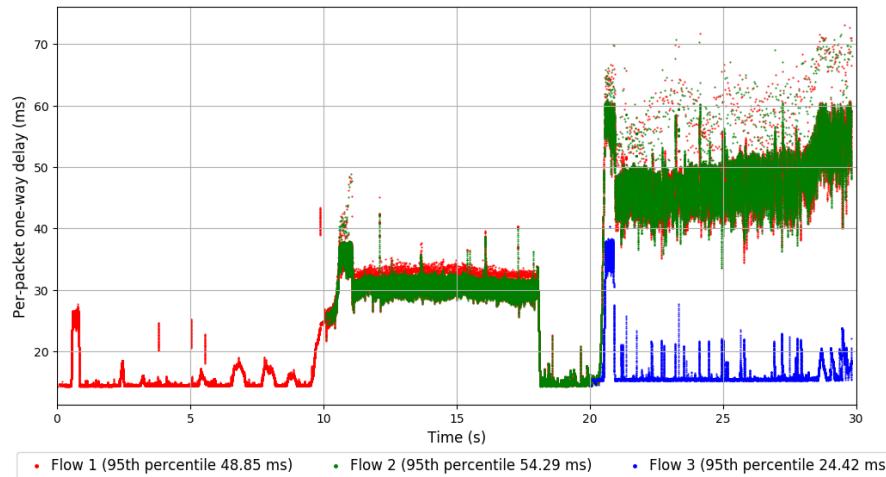
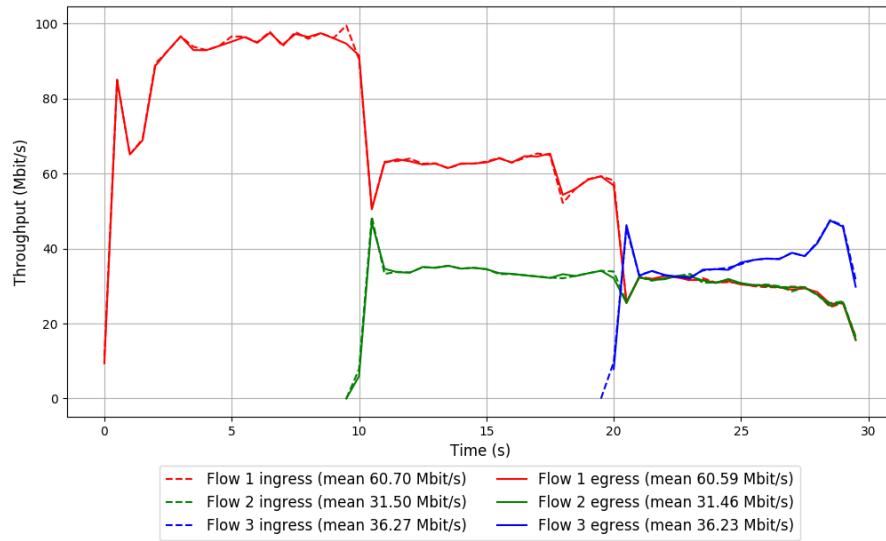


Run 9: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:39:02 +0000
End at: Mon, 10 Jul 2017 01:39:32 +0000
Local clock offset: 3.913 ms
Remote clock offset: -21.317 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 50.008 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 60.59 Mbit/s
95th percentile per-packet one-way delay: 48.847 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 54.286 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 24.424 ms
Loss rate: 0.53%
```

Run 9: Report of PCC — Data Link

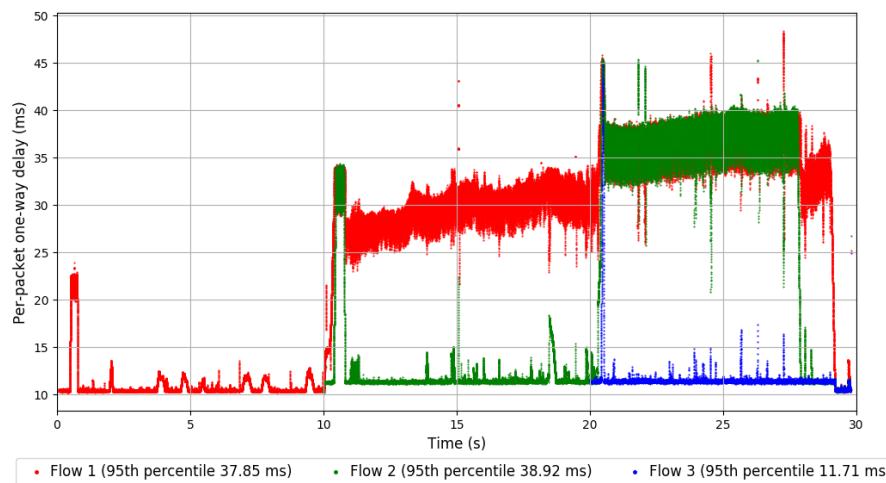
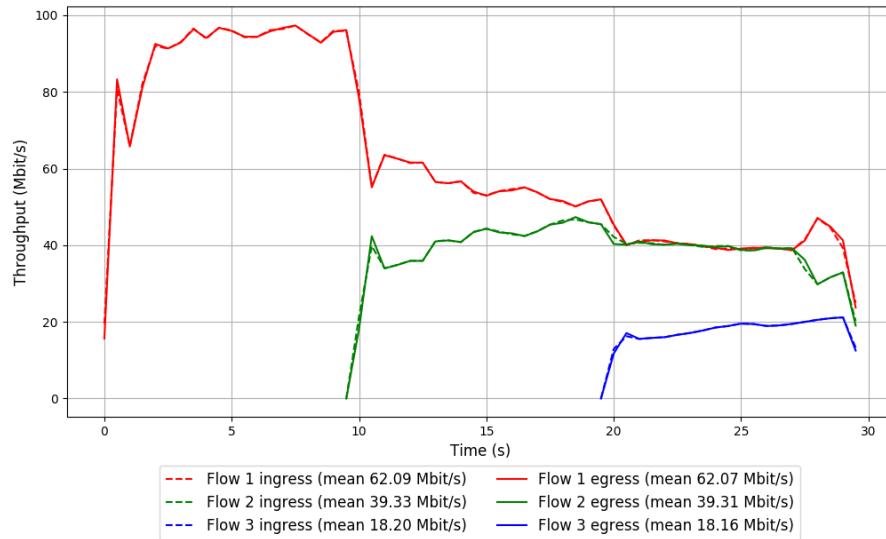


Run 10: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:57:30 +0000
End at: Mon, 10 Jul 2017 01:58:00 +0000
Local clock offset: 0.015 ms
Remote clock offset: -18.729 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.24 Mbit/s
95th percentile per-packet one-way delay: 38.237 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 62.07 Mbit/s
95th percentile per-packet one-way delay: 37.846 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 38.924 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 18.16 Mbit/s
95th percentile per-packet one-way delay: 11.705 ms
Loss rate: 0.34%
```

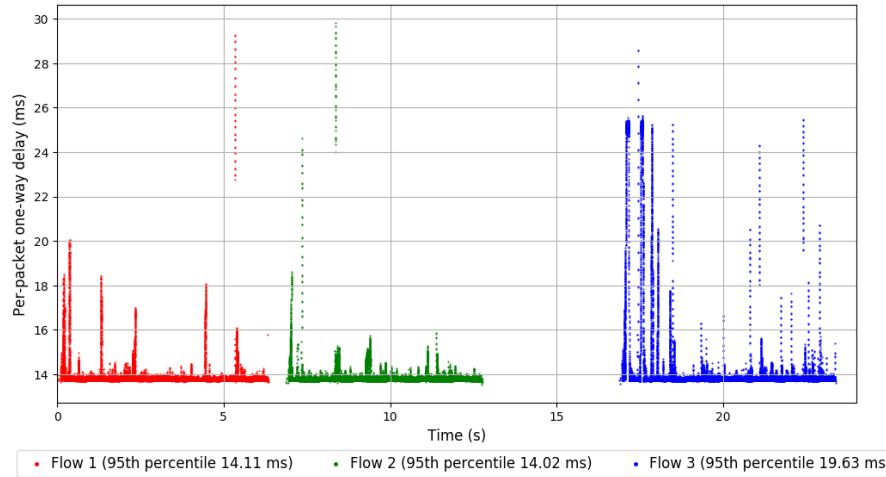
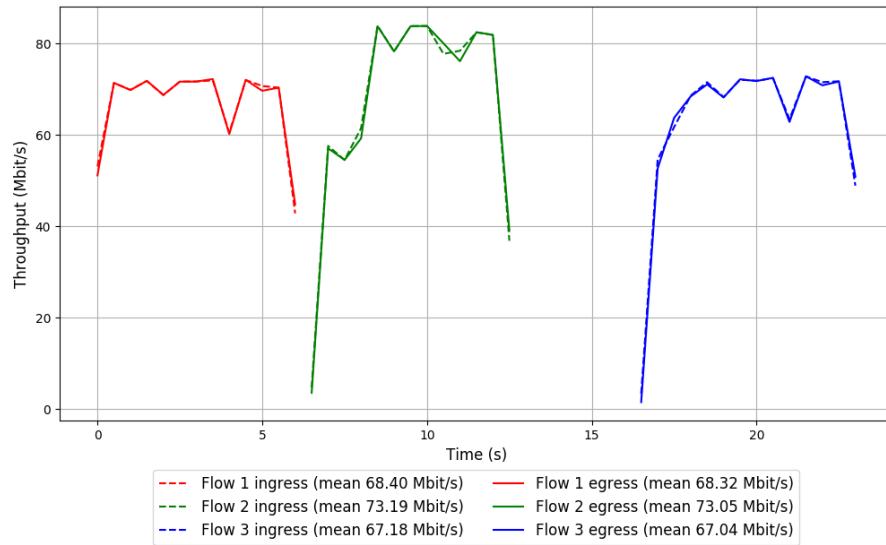
Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 23:10:21 +0000  
End at: Sun, 09 Jul 2017 23:10:51 +0000  
Local clock offset: 1.555 ms  
Remote clock offset: -17.542 ms

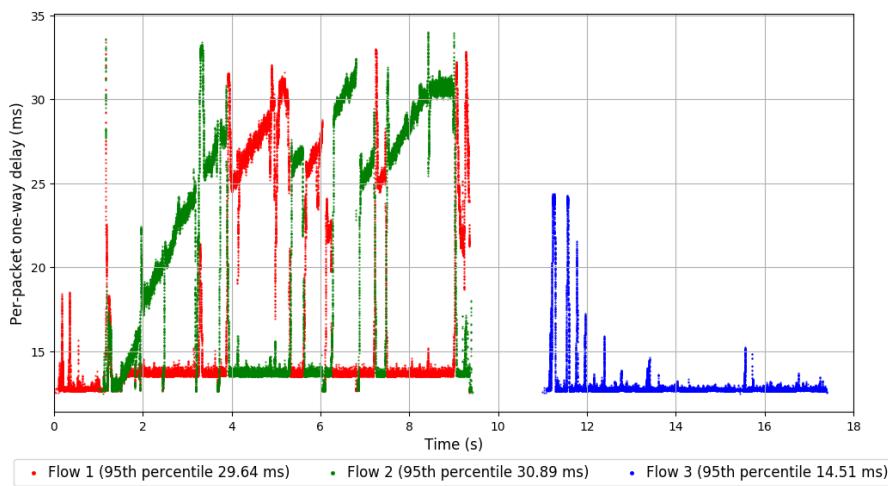
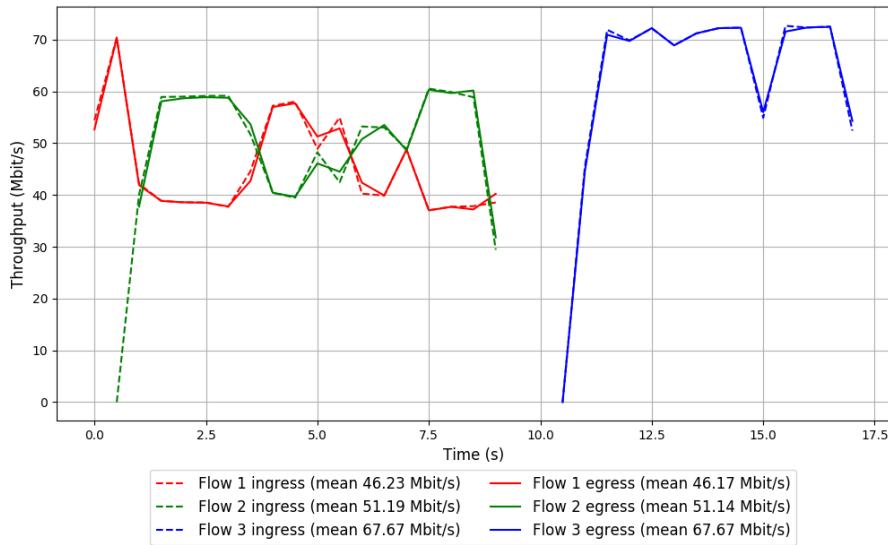
## Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 23:28:20 +0000  
End at: Sun, 09 Jul 2017 23:28:50 +0000  
Local clock offset: -1.22 ms  
Remote clock offset: -19.127 ms

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

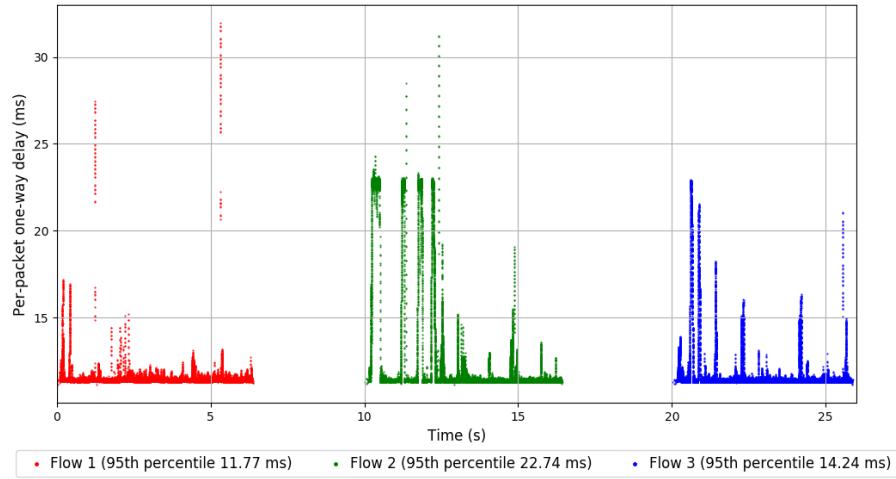
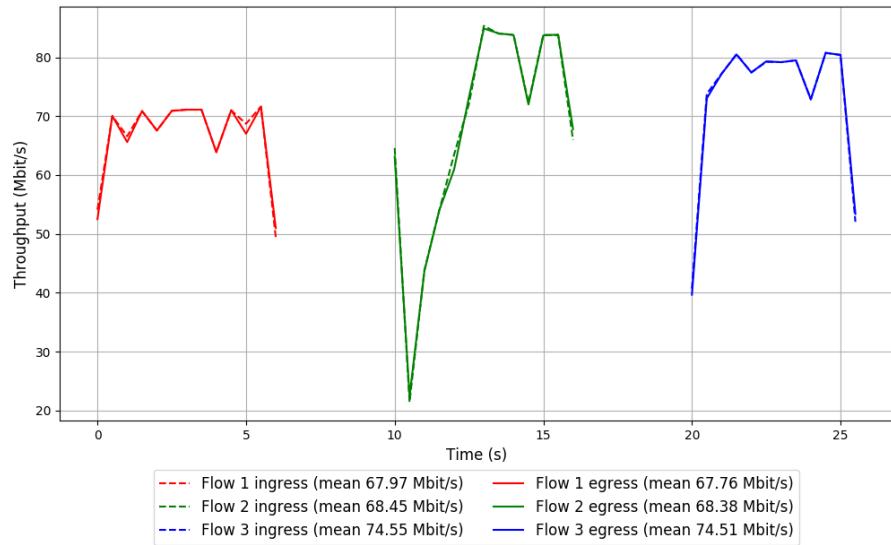


Run 3: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 23:46:17 +0000
End at: Sun, 09 Jul 2017 23:46:47 +0000
Local clock offset: 1.853 ms
Remote clock offset: -17.971 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.53 Mbit/s
95th percentile per-packet one-way delay: 18.781 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 67.76 Mbit/s
95th percentile per-packet one-way delay: 11.766 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 68.38 Mbit/s
95th percentile per-packet one-way delay: 22.736 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 74.51 Mbit/s
95th percentile per-packet one-way delay: 14.238 ms
Loss rate: 0.05%
```

Run 3: Report of QUIC Cubic — Data Link

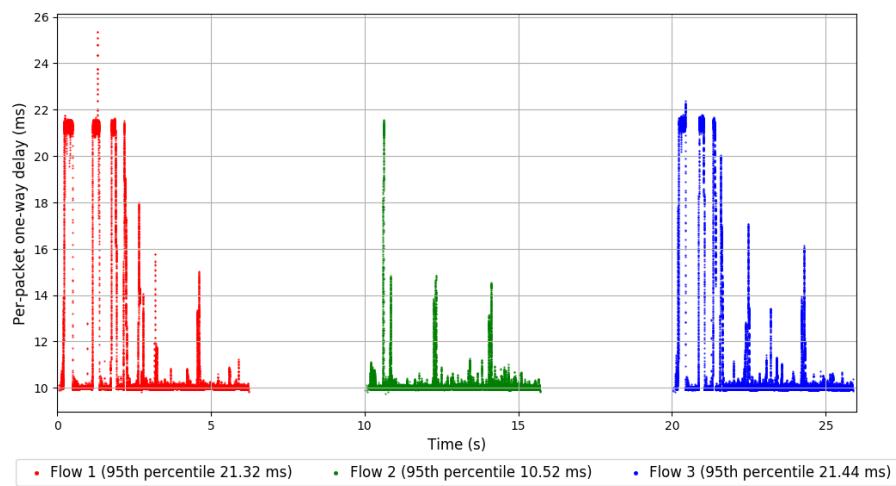
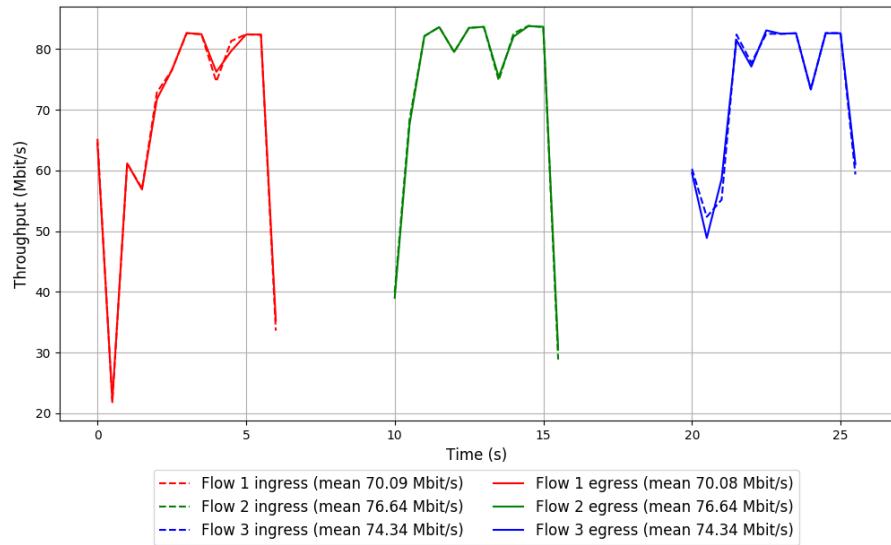


Run 4: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:04:31 +0000
End at: Mon, 10 Jul 2017 00:05:01 +0000
Local clock offset: 3.022 ms
Remote clock offset: -18.257 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.62 Mbit/s
95th percentile per-packet one-way delay: 21.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.08 Mbit/s
95th percentile per-packet one-way delay: 21.315 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 76.64 Mbit/s
95th percentile per-packet one-way delay: 10.523 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 74.34 Mbit/s
95th percentile per-packet one-way delay: 21.437 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

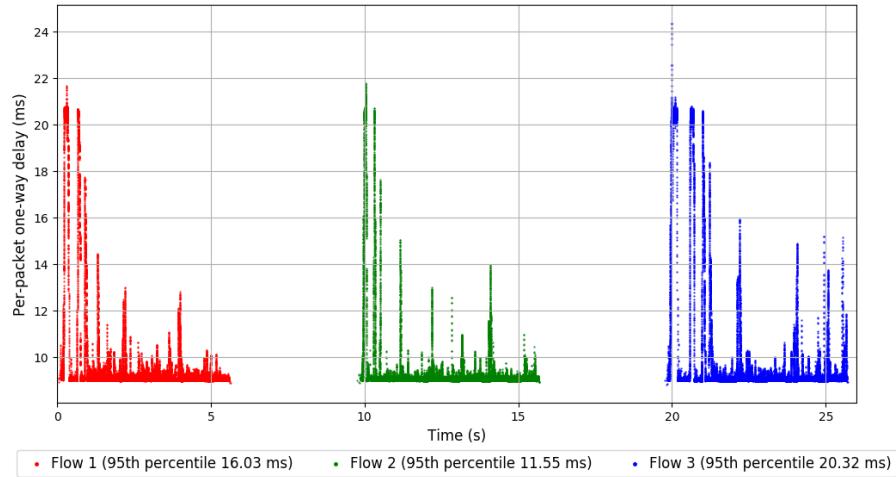
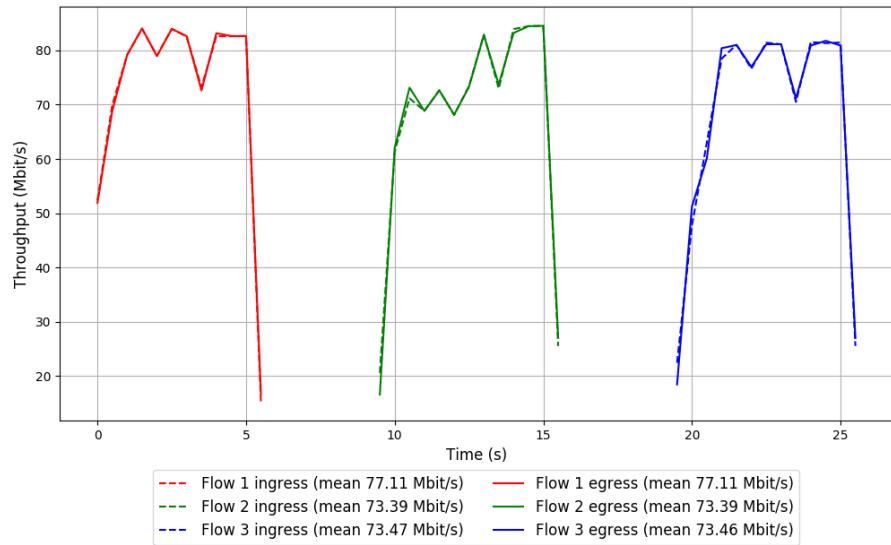


Run 5: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:22:35 +0000
End at: Mon, 10 Jul 2017 00:23:05 +0000
Local clock offset: 1.611 ms
Remote clock offset: -21.114 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.78 Mbit/s
95th percentile per-packet one-way delay: 16.897 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.11 Mbit/s
95th percentile per-packet one-way delay: 16.034 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 73.39 Mbit/s
95th percentile per-packet one-way delay: 11.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 20.325 ms
Loss rate: 0.01%
```

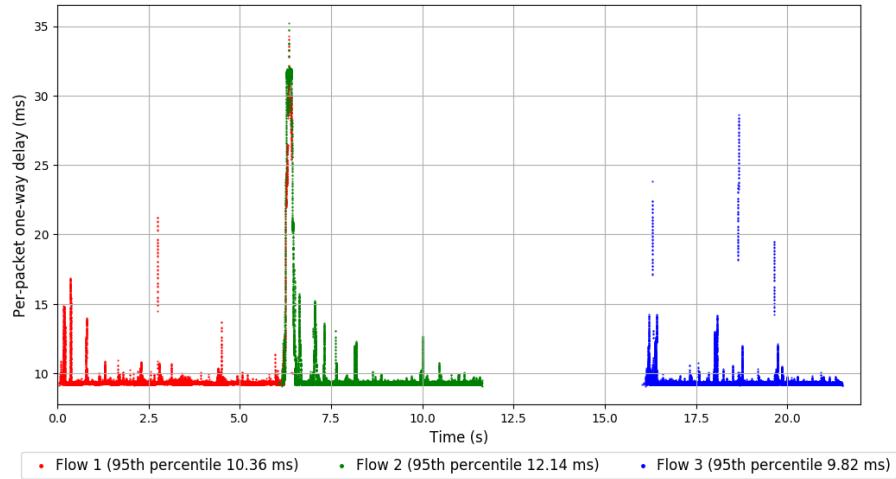
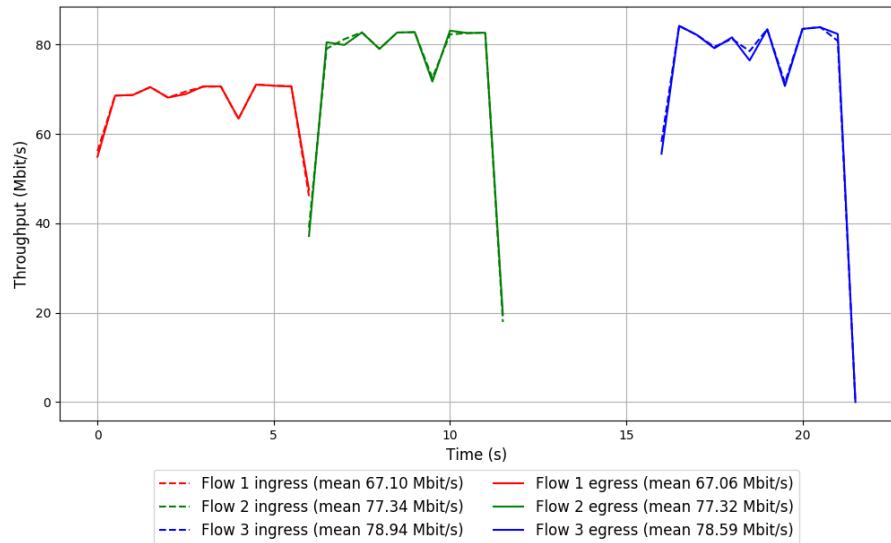
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 00:40:41 +0000  
End at: Mon, 10 Jul 2017 00:41:11 +0000  
Local clock offset: 4.834 ms  
Remote clock offset: -20.372 ms

Run 6: Report of QUIC Cubic — Data Link

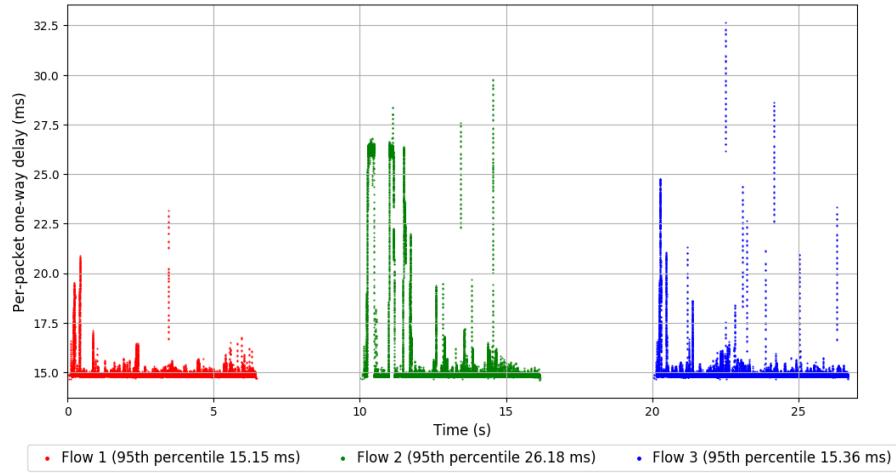
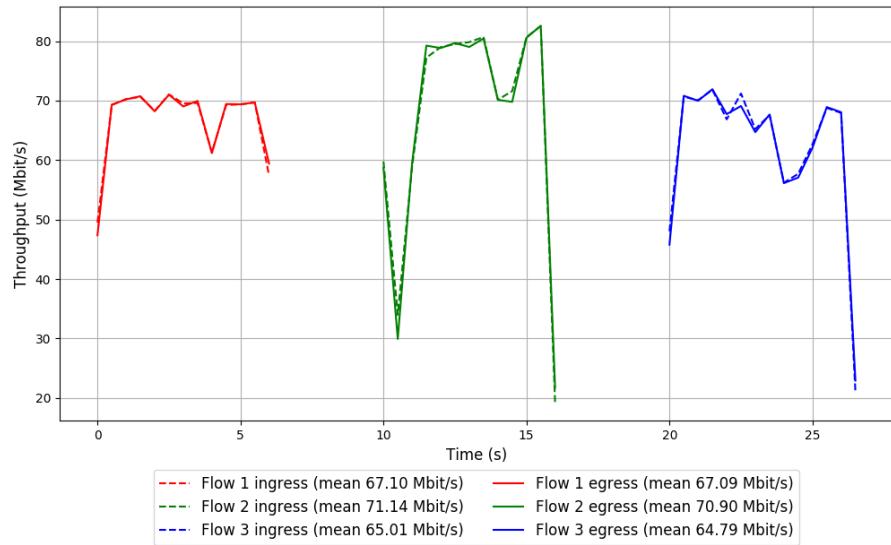


Run 7: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:58:47 +0000
End at: Mon, 10 Jul 2017 00:59:17 +0000
Local clock offset: 0.809 ms
Remote clock offset: -20.789 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.69 Mbit/s
95th percentile per-packet one-way delay: 18.185 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 67.09 Mbit/s
95th percentile per-packet one-way delay: 15.147 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 70.90 Mbit/s
95th percentile per-packet one-way delay: 26.180 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 64.79 Mbit/s
95th percentile per-packet one-way delay: 15.355 ms
Loss rate: 0.34%
```

Run 7: Report of QUIC Cubic — Data Link

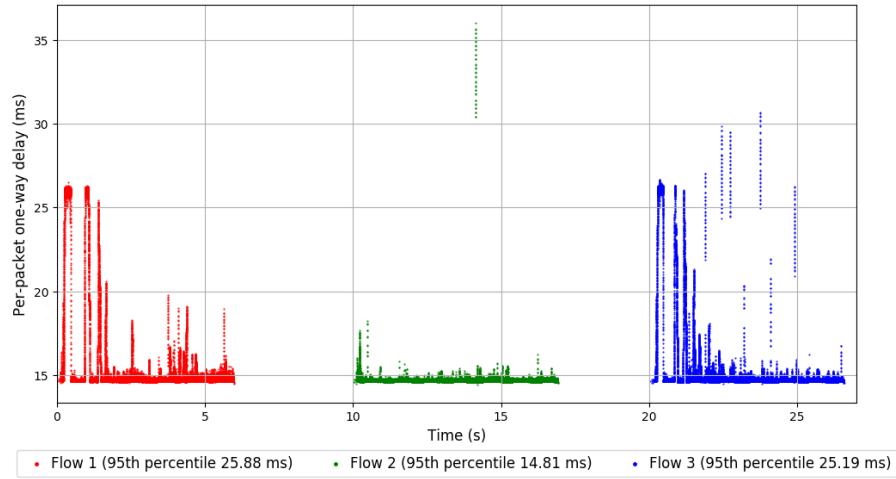
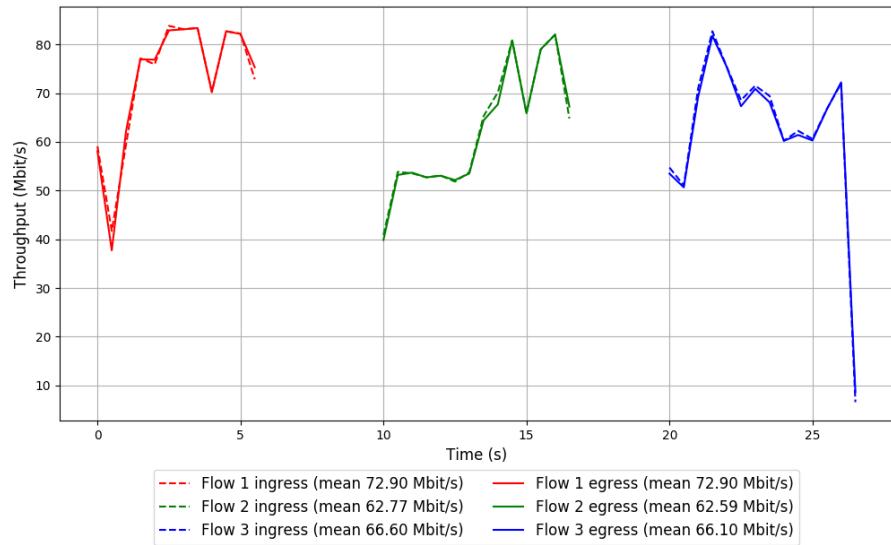


Run 8: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 01:16:56 +0000
End at: Mon, 10 Jul 2017 01:17:26 +0000
Local clock offset: 3.362 ms
Remote clock offset: -19.986 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 22.335 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 72.90 Mbit/s
95th percentile per-packet one-way delay: 25.876 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.59 Mbit/s
95th percentile per-packet one-way delay: 14.811 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 66.10 Mbit/s
95th percentile per-packet one-way delay: 25.192 ms
Loss rate: 0.75%
```

Run 8: Report of QUIC Cubic — Data Link

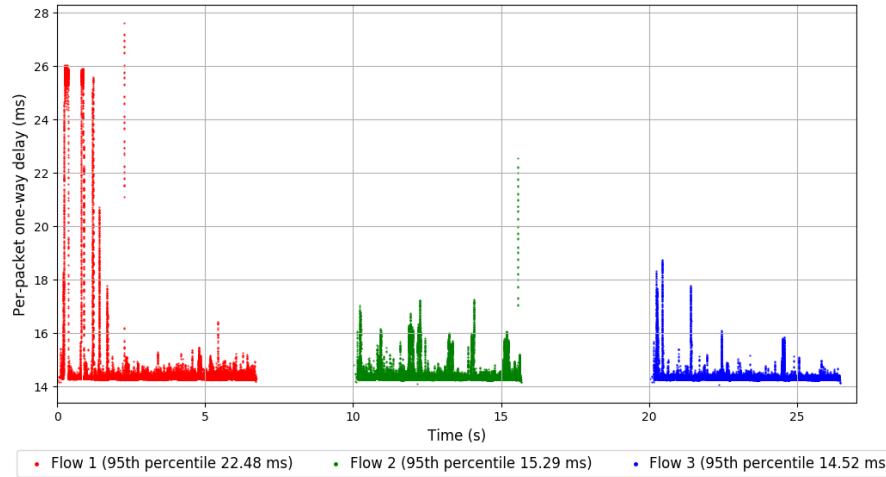
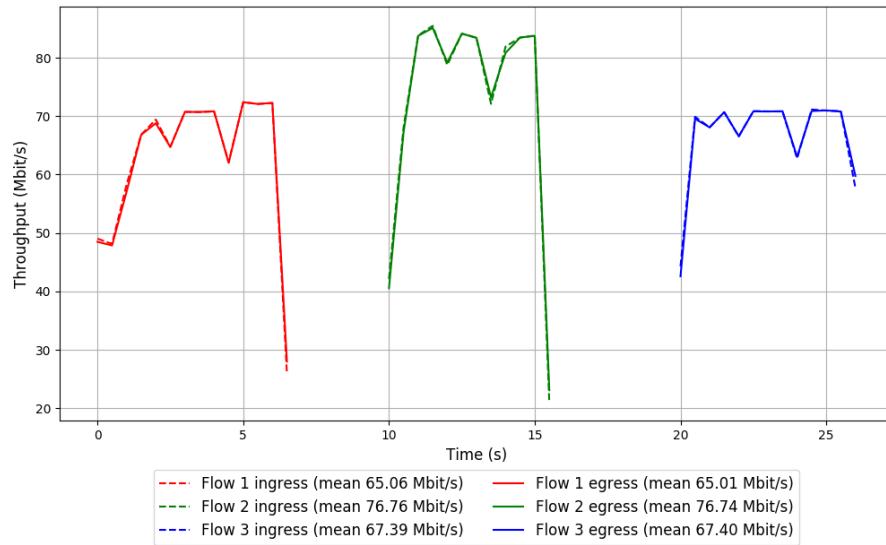


Run 9: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 01:35:28 +0000
End at: Mon, 10 Jul 2017 01:35:58 +0000
Local clock offset: 1.61 ms
Remote clock offset: -19.785 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.26 Mbit/s
95th percentile per-packet one-way delay: 15.394 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 65.01 Mbit/s
95th percentile per-packet one-way delay: 22.476 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 76.74 Mbit/s
95th percentile per-packet one-way delay: 15.285 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 67.40 Mbit/s
95th percentile per-packet one-way delay: 14.524 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

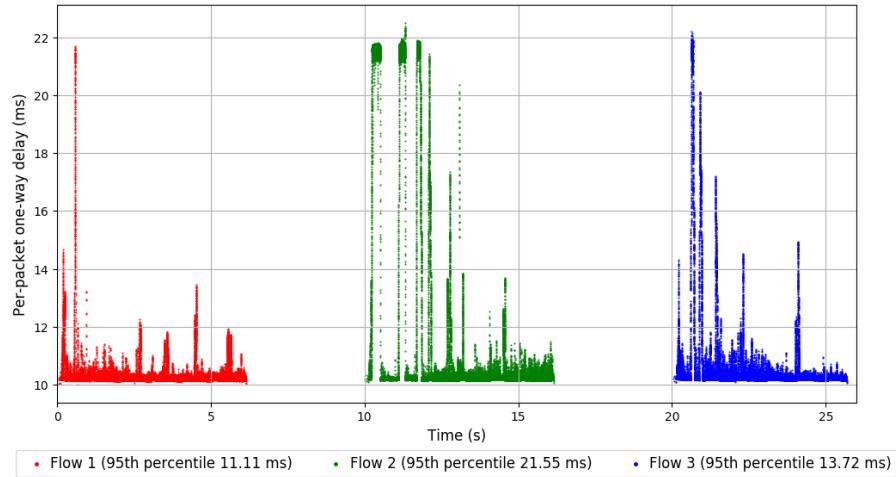
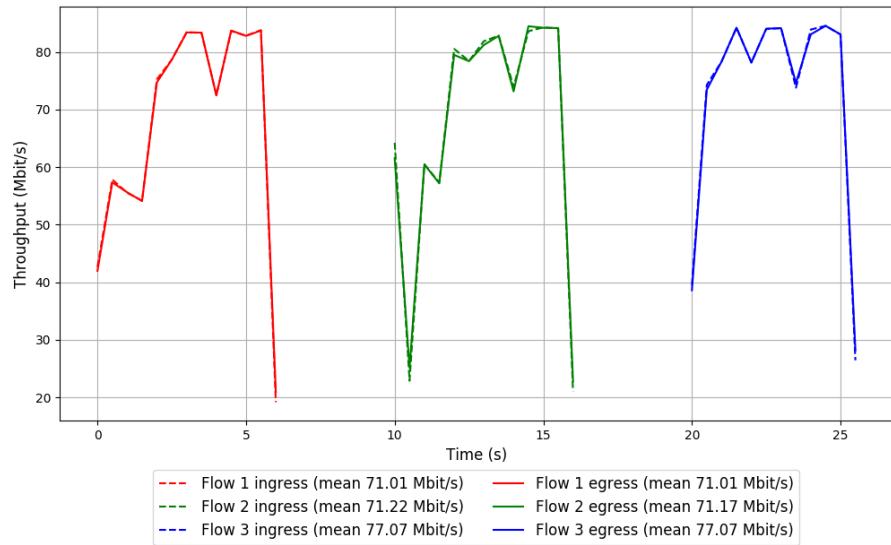


```
Run 10: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 01:53:42 +0000
End at: Mon, 10 Jul 2017 01:54:12 +0000
Local clock offset: -0.829 ms
Remote clock offset: -19.941 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.02 Mbit/s
95th percentile per-packet one-way delay: 19.323 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 71.01 Mbit/s
95th percentile per-packet one-way delay: 11.105 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.17 Mbit/s
95th percentile per-packet one-way delay: 21.554 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 77.07 Mbit/s
95th percentile per-packet one-way delay: 13.720 ms
Loss rate: 0.00%
```

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

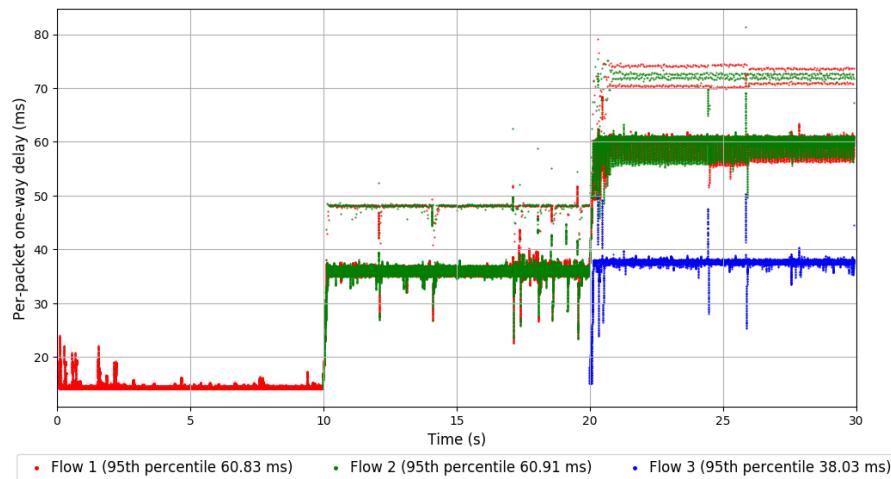
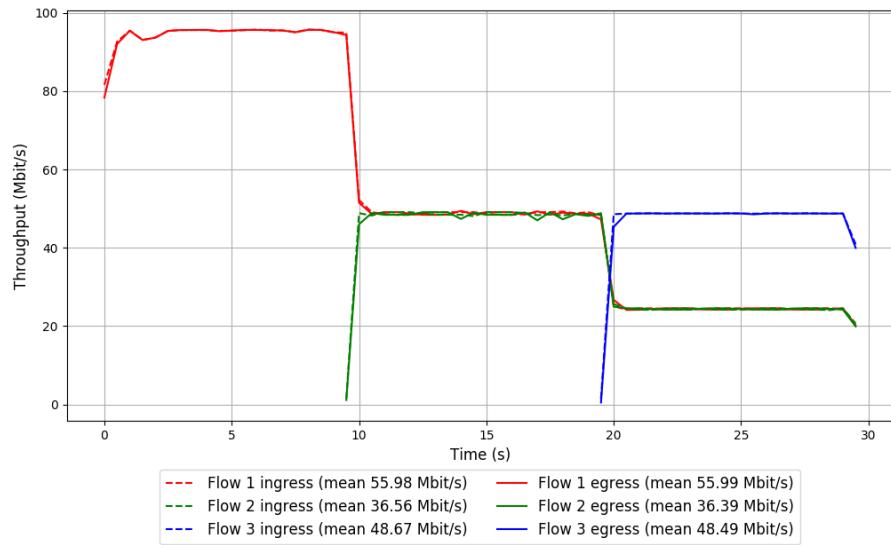


Run 1: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:01:59 +0000
End at: Sun, 09 Jul 2017 23:02:29 +0000
Local clock offset: 0.817 ms
Remote clock offset: -17.248 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 60.844 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 60.826 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 60.910 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 48.49 Mbit/s
95th percentile per-packet one-way delay: 38.027 ms
Loss rate: 0.55%
```

Run 1: Report of Saturator — Data Link

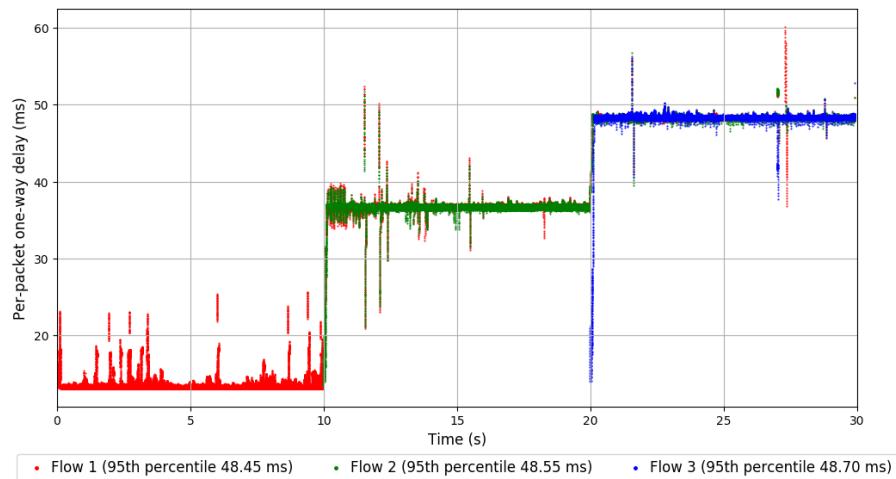
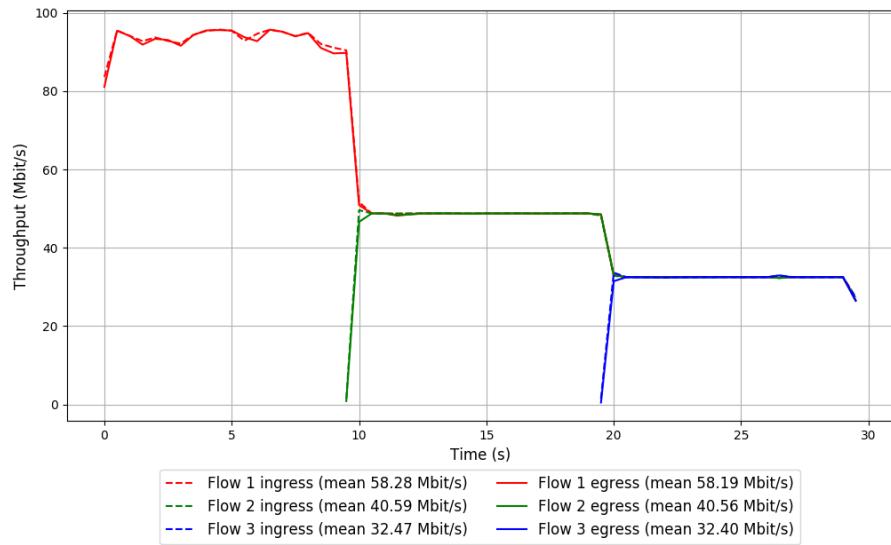


Run 2: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:19:58 +0000
End at: Sun, 09 Jul 2017 23:20:28 +0000
Local clock offset: 1.037 ms
Remote clock offset: -19.151 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 48.537 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 58.19 Mbit/s
95th percentile per-packet one-way delay: 48.447 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 48.555 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 32.40 Mbit/s
95th percentile per-packet one-way delay: 48.701 ms
Loss rate: 0.61%
```

Run 2: Report of Saturator — Data Link

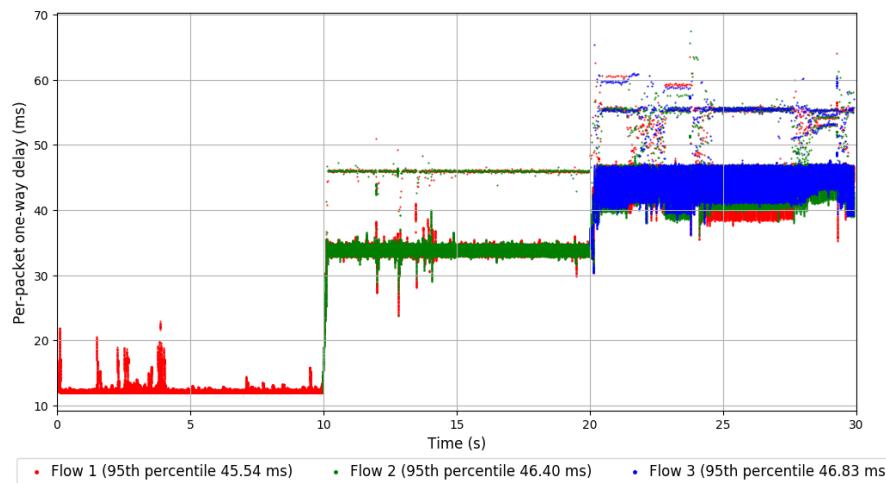
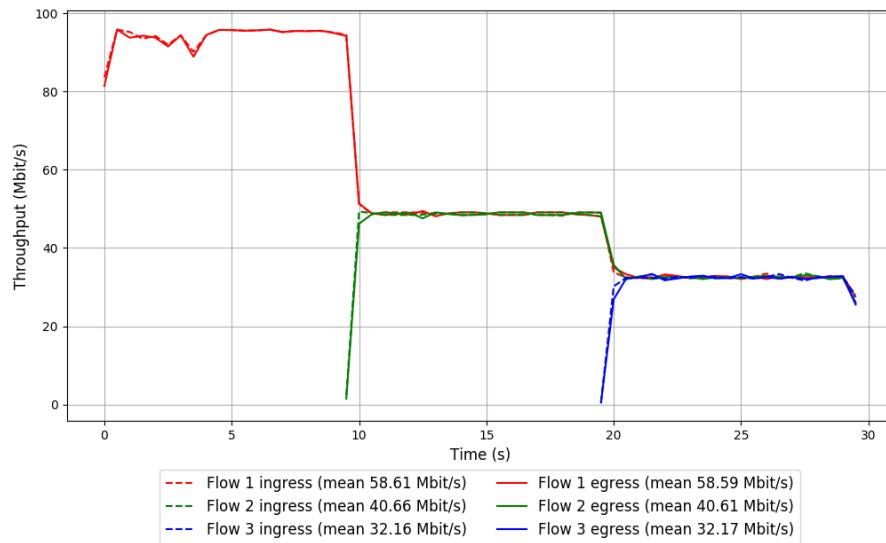


Run 3: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:37:58 +0000
End at: Sun, 09 Jul 2017 23:38:28 +0000
Local clock offset: 1.62 ms
Remote clock offset: -18.673 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 46.204 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 58.59 Mbit/s
95th percentile per-packet one-way delay: 45.542 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 46.400 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 32.17 Mbit/s
95th percentile per-packet one-way delay: 46.828 ms
Loss rate: 0.76%
```

Run 3: Report of Saturator — Data Link

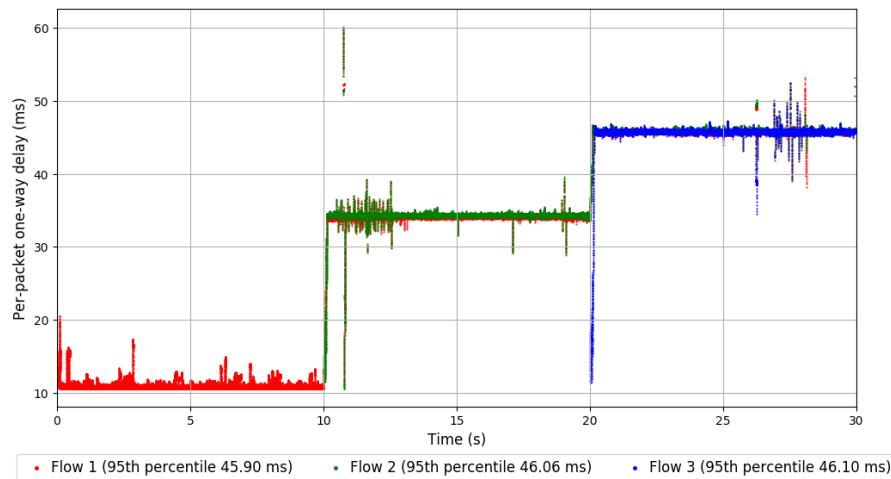
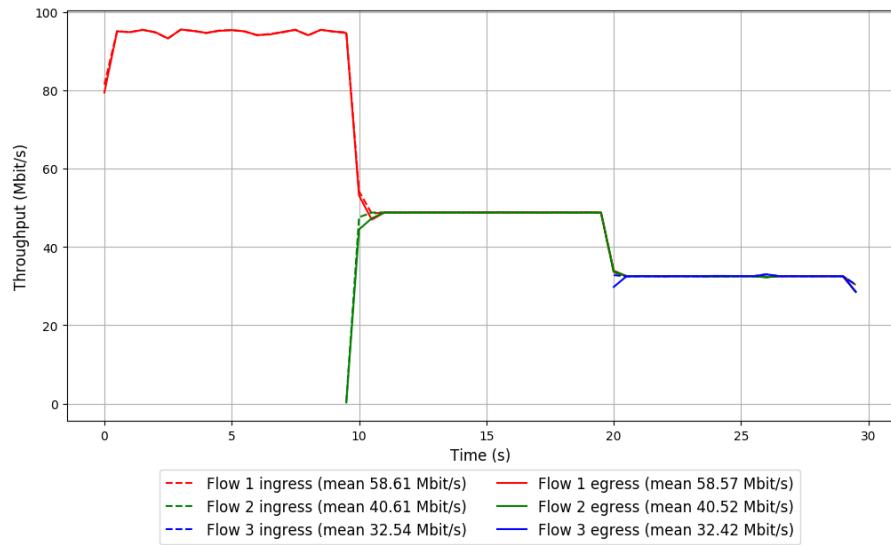


Run 4: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:56:01 +0000
End at: Sun, 09 Jul 2017 23:56:31 +0000
Local clock offset: 1.589 ms
Remote clock offset: -20.16 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 45.999 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 58.57 Mbit/s
95th percentile per-packet one-way delay: 45.904 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 46.058 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 32.42 Mbit/s
95th percentile per-packet one-way delay: 46.099 ms
Loss rate: 0.74%
```

Run 4: Report of Saturator — Data Link

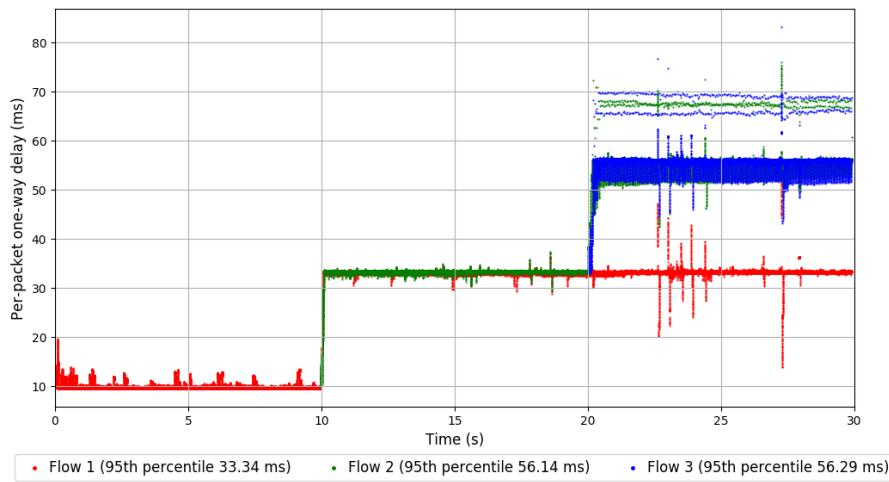
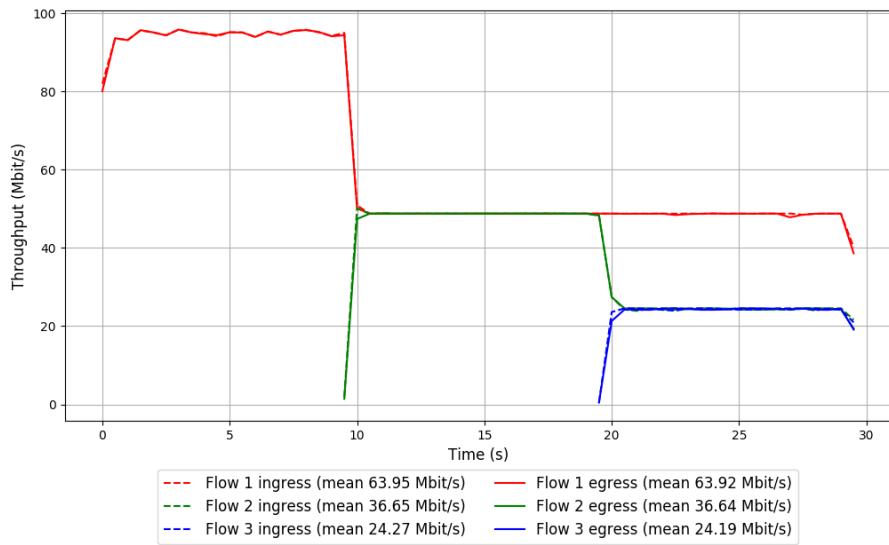


Run 5: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:14:13 +0000
End at: Mon, 10 Jul 2017 00:14:43 +0000
Local clock offset: 3.714 ms
Remote clock offset: -20.073 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 56.000 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 63.92 Mbit/s
95th percentile per-packet one-way delay: 33.335 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 56.139 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 56.293 ms
Loss rate: 1.00%
```

Run 5: Report of Saturator — Data Link

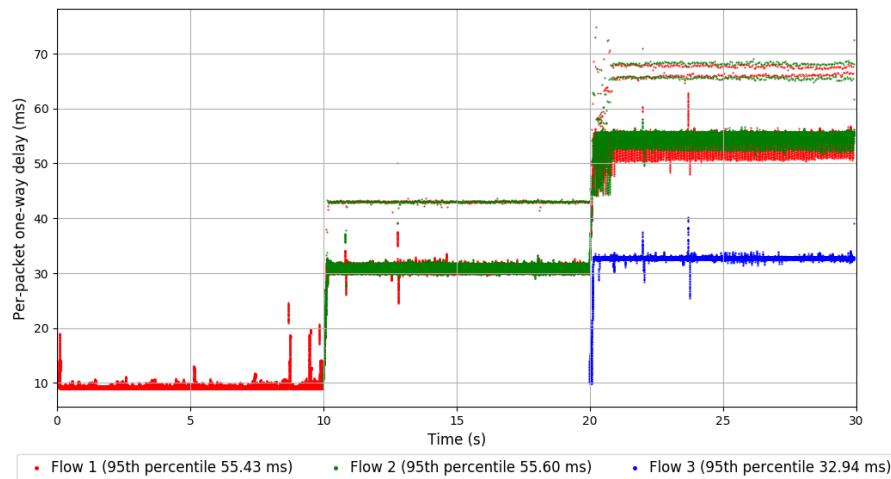
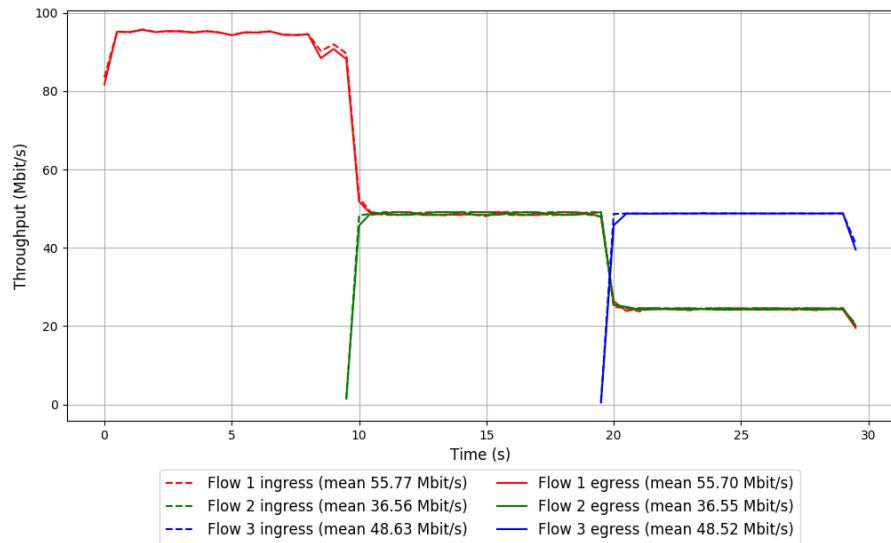


Run 6: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:32:18 +0000
End at: Mon, 10 Jul 2017 00:32:48 +0000
Local clock offset: 1.648 ms
Remote clock offset: -20.719 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 55.463 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 55.70 Mbit/s
95th percentile per-packet one-way delay: 55.430 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 36.55 Mbit/s
95th percentile per-packet one-way delay: 55.596 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 48.52 Mbit/s
95th percentile per-packet one-way delay: 32.939 ms
Loss rate: 0.49%
```

Run 6: Report of Saturator — Data Link

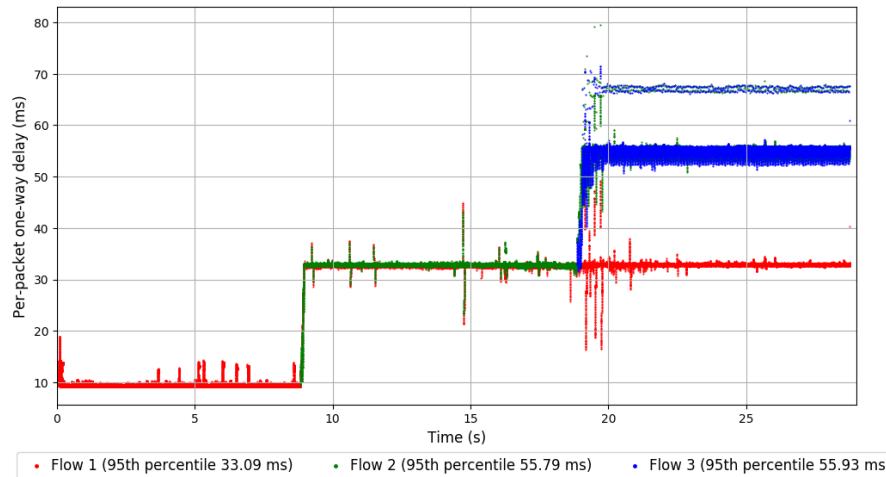
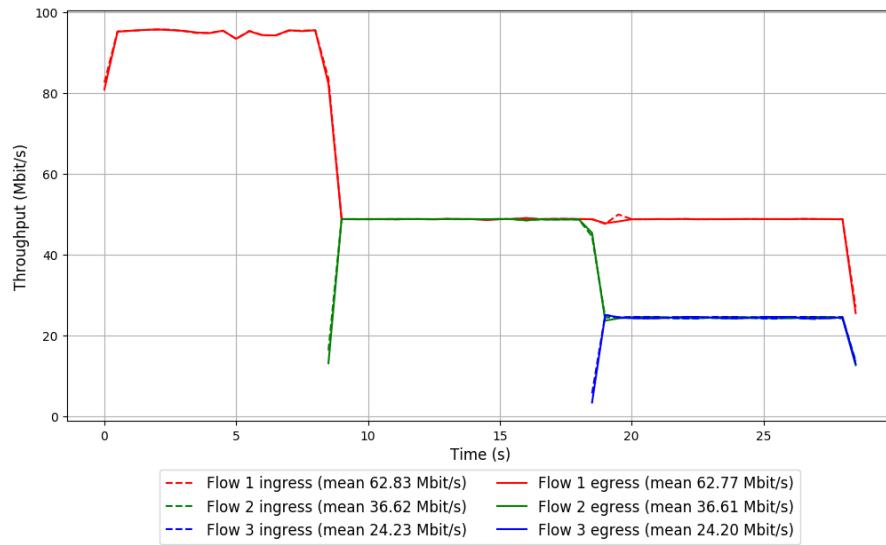


Run 7: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:50:23 +0000
End at: Mon, 10 Jul 2017 00:50:53 +0000
Local clock offset: 3.612 ms
Remote clock offset: -19.443 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 55.659 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 33.088 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 55.786 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 55.932 ms
Loss rate: 0.75%
```

Run 7: Report of Saturator — Data Link

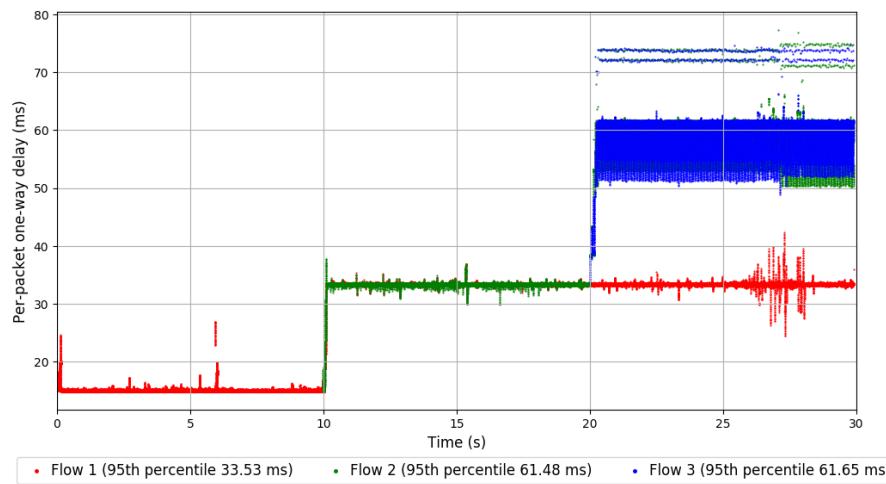
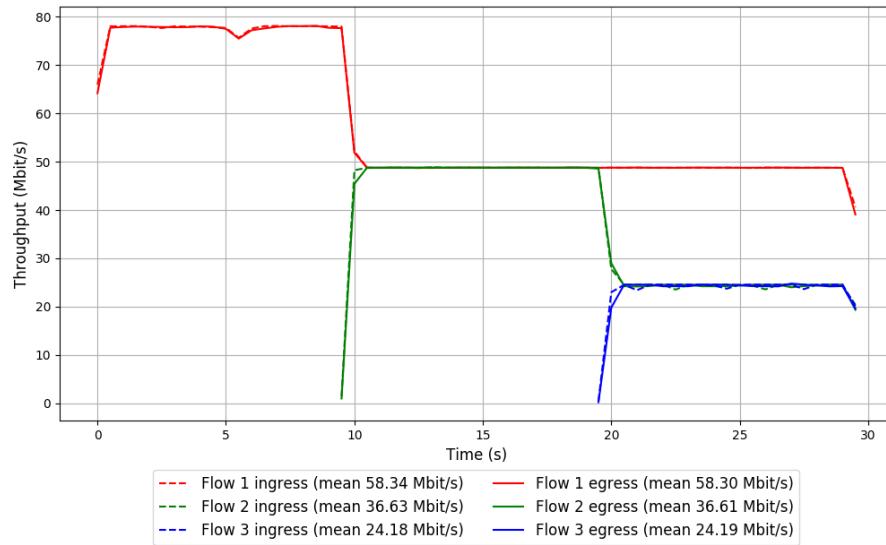


Run 8: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:08:34 +0000
End at: Mon, 10 Jul 2017 01:09:04 +0000
Local clock offset: 4.032 ms
Remote clock offset: -21.316 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 60.726 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 58.30 Mbit/s
95th percentile per-packet one-way delay: 33.530 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 61.484 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 61.648 ms
Loss rate: 0.74%
```

Run 8: Report of Saturator — Data Link

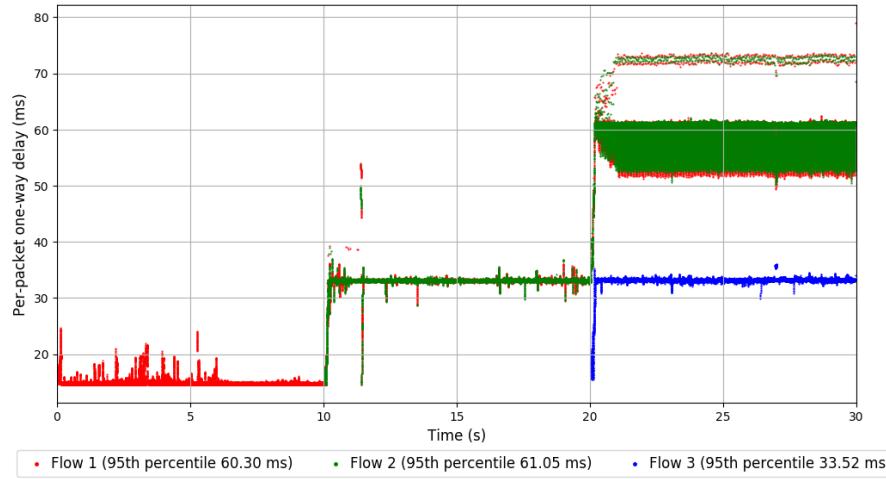
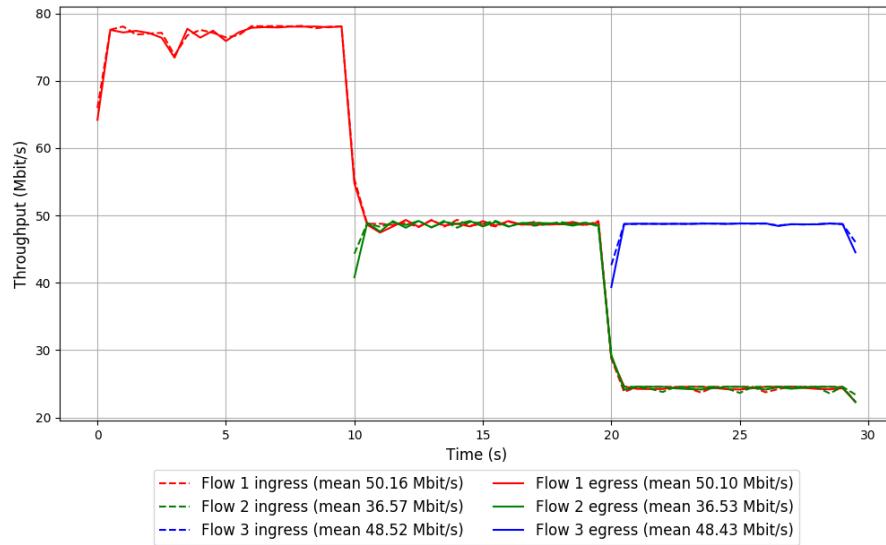


Run 9: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:26:58 +0000
End at: Mon, 10 Jul 2017 01:27:28 +0000
Local clock offset: 3.388 ms
Remote clock offset: -21.898 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.47 Mbit/s
95th percentile per-packet one-way delay: 60.556 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 60.303 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 36.53 Mbit/s
95th percentile per-packet one-way delay: 61.046 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 33.521 ms
Loss rate: 0.49%
```

Run 9: Report of Saturator — Data Link

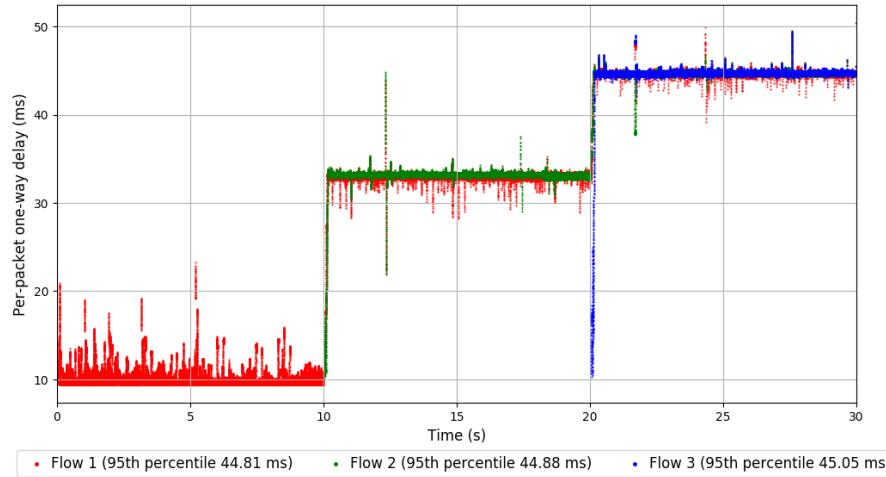
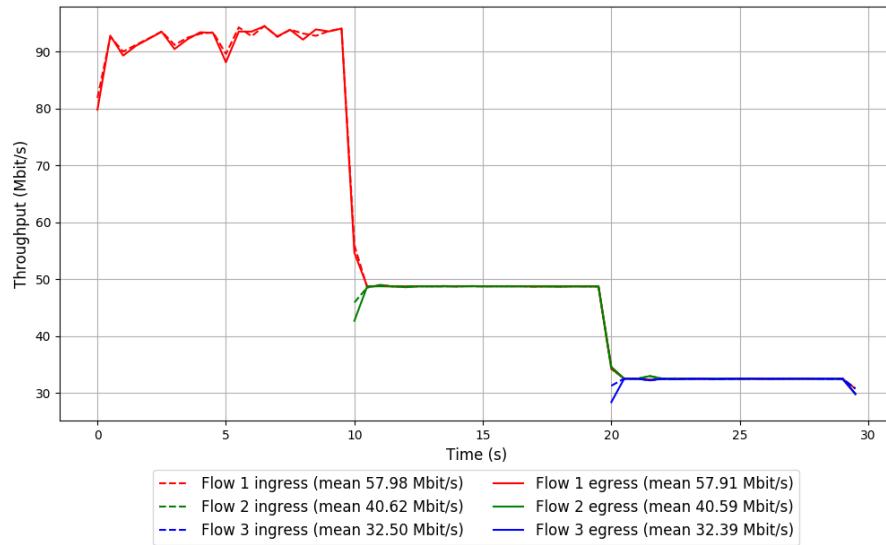


Run 10: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:45:04 +0000
End at: Mon, 10 Jul 2017 01:45:34 +0000
Local clock offset: 0.103 ms
Remote clock offset: -20.052 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 44.887 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 44.812 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 44.877 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 45.047 ms
Loss rate: 0.59%
```

Run 10: Report of Saturator — Data Link

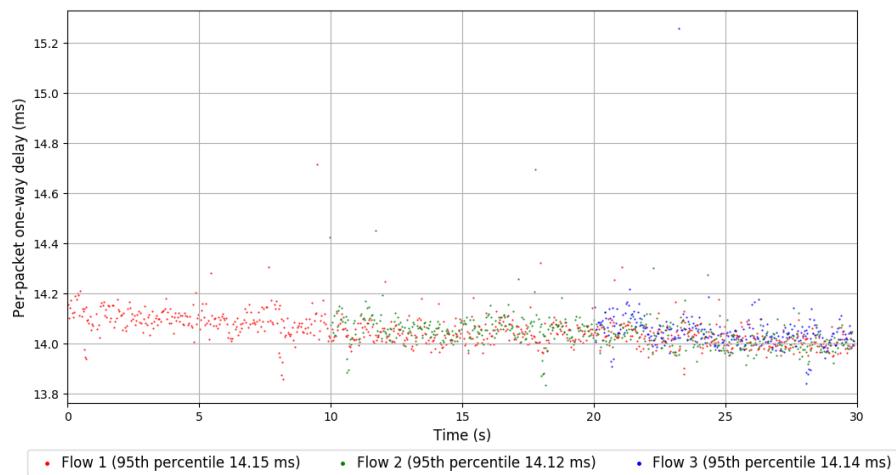
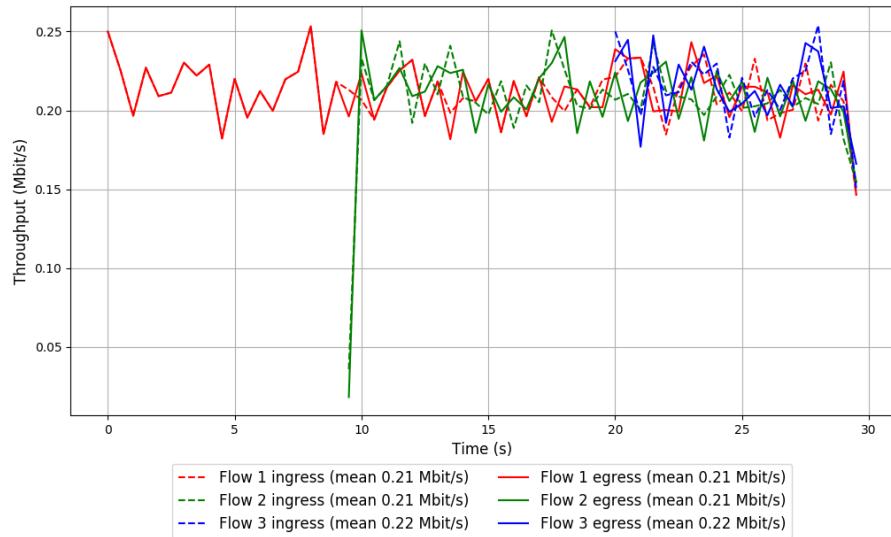


Run 1: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:04:25 +0000
End at: Sun, 09 Jul 2017 23:04:55 +0000
Local clock offset: 2.197 ms
Remote clock offset: -17.998 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.143 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.153 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.118 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.141 ms
Loss rate: 0.00%
```

## Run 1: Report of SCReAM — Data Link

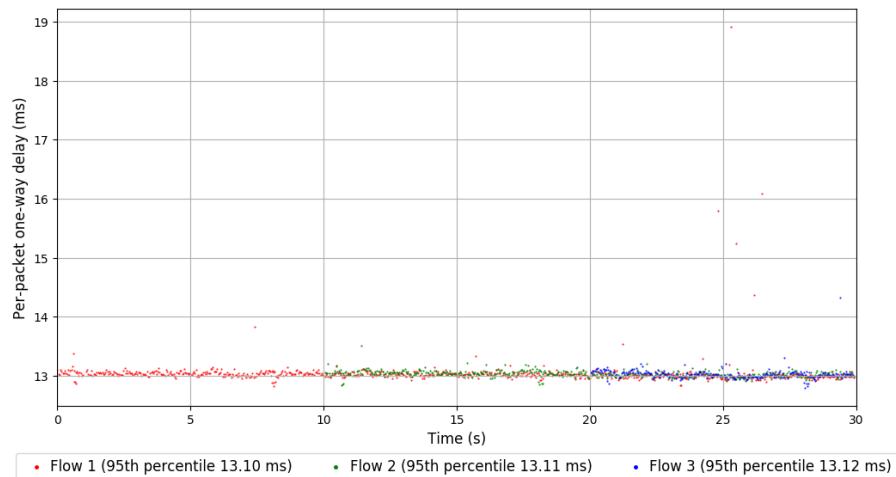
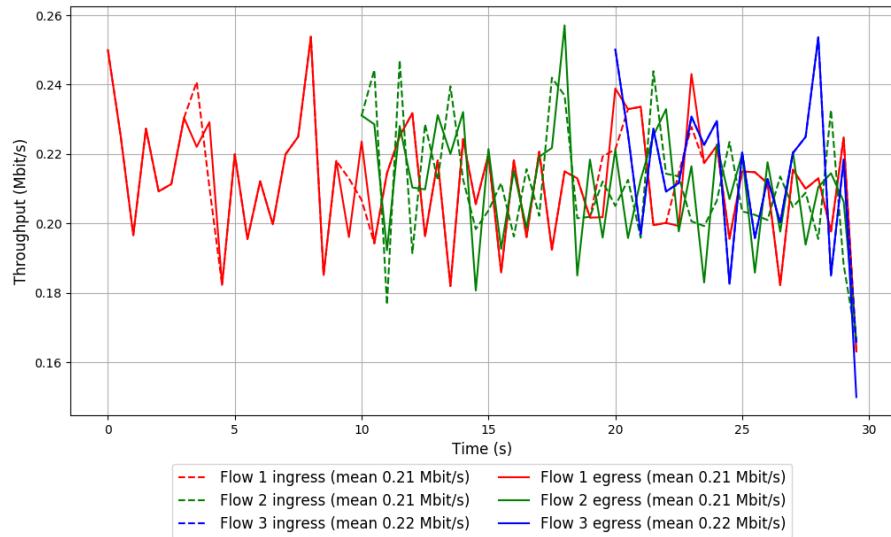


Run 2: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:22:26 +0000
End at: Sun, 09 Jul 2017 23:22:56 +0000
Local clock offset: 1.66 ms
Remote clock offset: -19.163 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.108 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.103 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.113 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.117 ms
Loss rate: 0.35%
```

Run 2: Report of SCReAM — Data Link

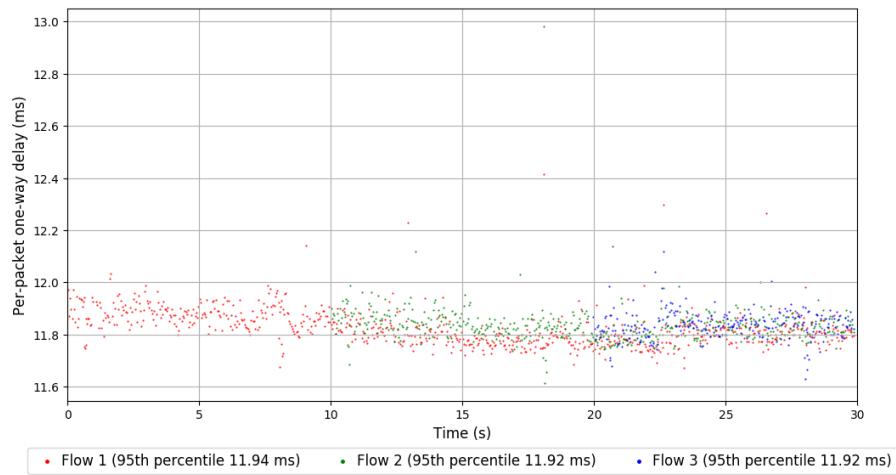
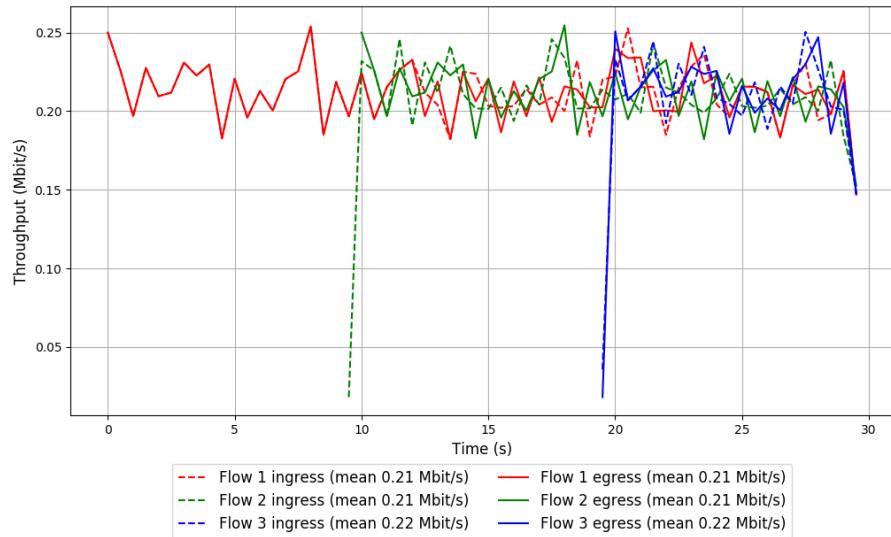


Run 3: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:40:24 +0000
End at: Sun, 09 Jul 2017 23:40:54 +0000
Local clock offset: -0.332 ms
Remote clock offset: -17.822 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 11.930 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.935 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.919 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.916 ms
Loss rate: 0.00%
```

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

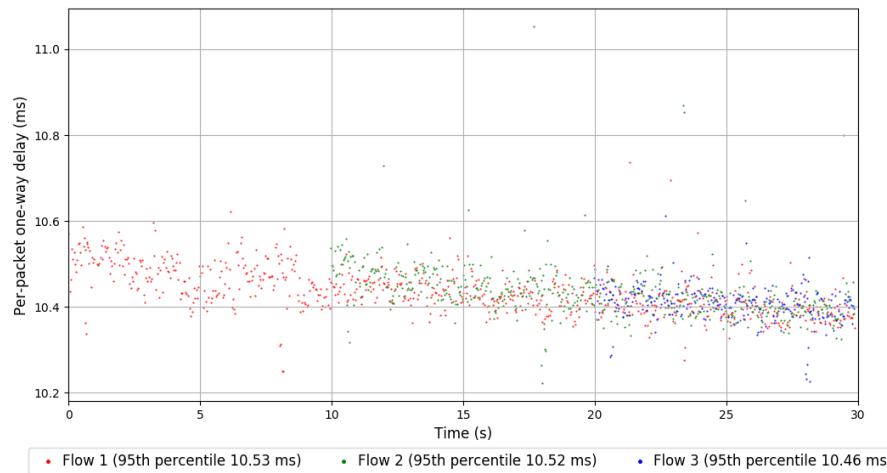
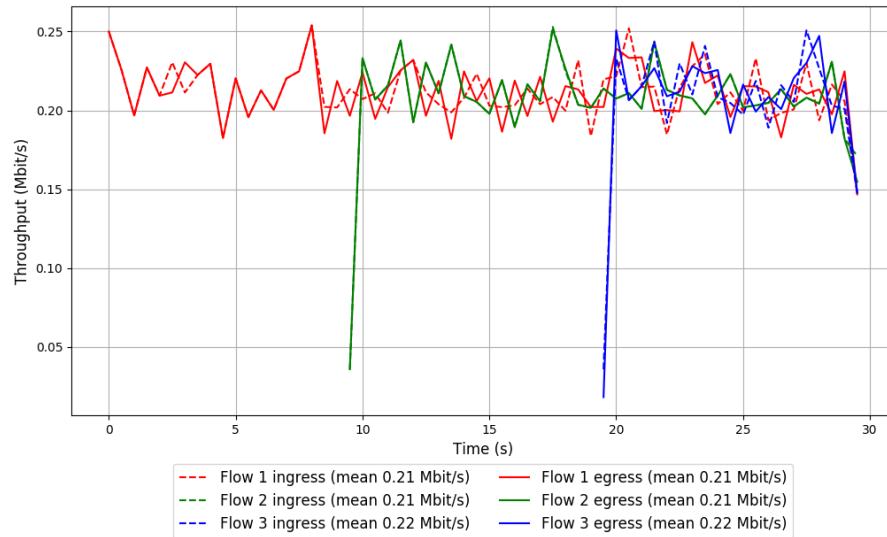


Run 4: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:58:31 +0000
End at: Sun, 09 Jul 2017 23:59:01 +0000
Local clock offset: 0.28 ms
Remote clock offset: -19.36 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 10.519 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.529 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.519 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 10.463 ms
Loss rate: 0.00%
```

## Run 4: Report of SCReAM — Data Link

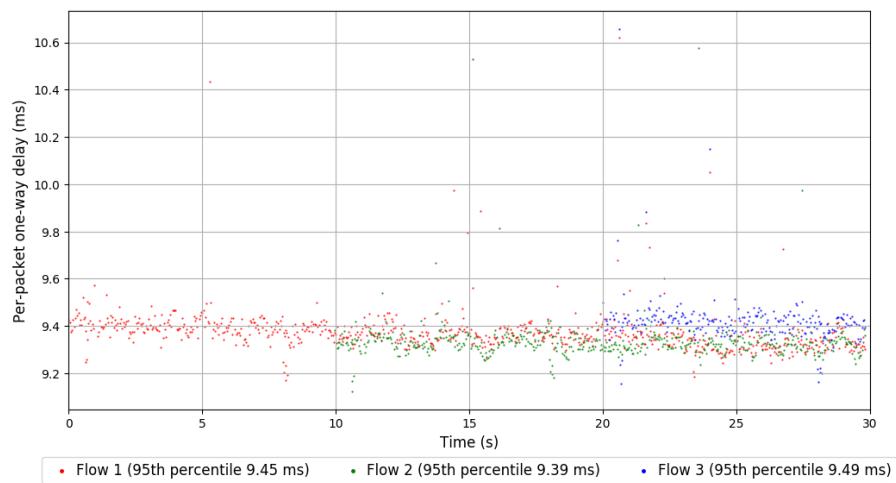
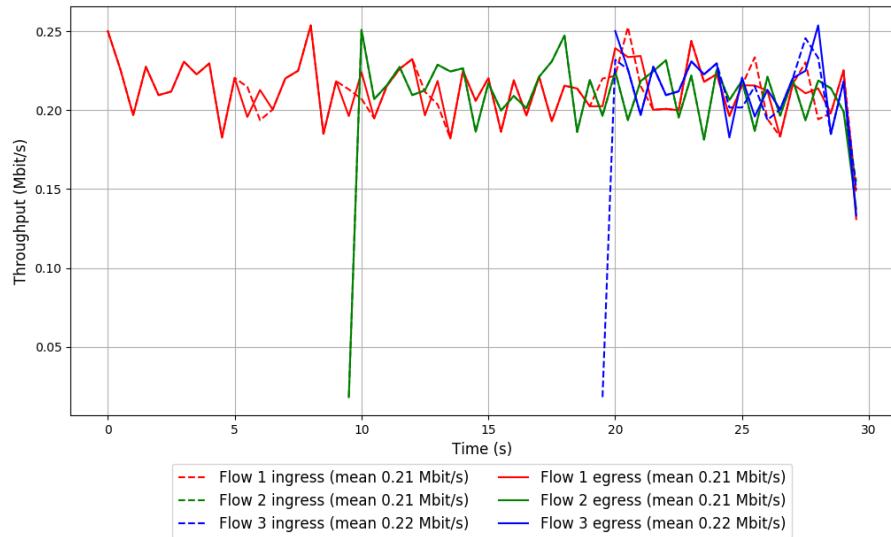


Run 5: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:16:40 +0000
End at: Mon, 10 Jul 2017 00:17:10 +0000
Local clock offset: 4.081 ms
Remote clock offset: -18.68 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 9.458 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.453 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.391 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.495 ms
Loss rate: 0.39%
```

Run 5: Report of SCReAM — Data Link

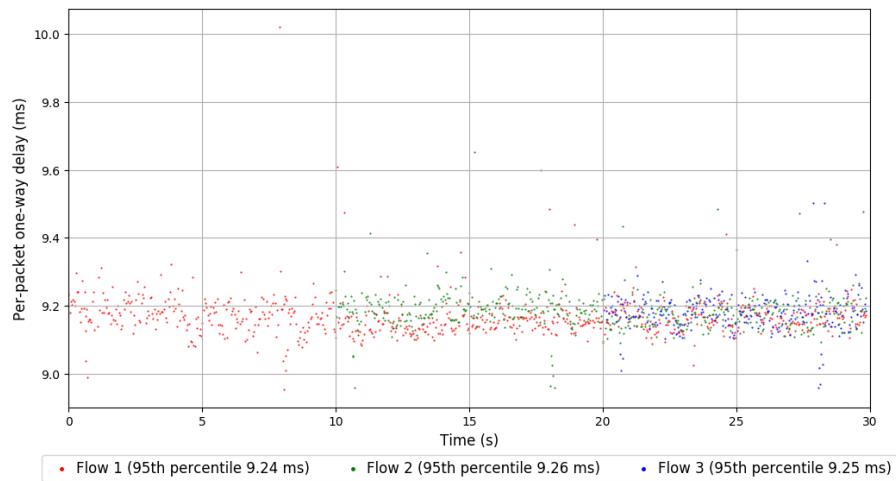
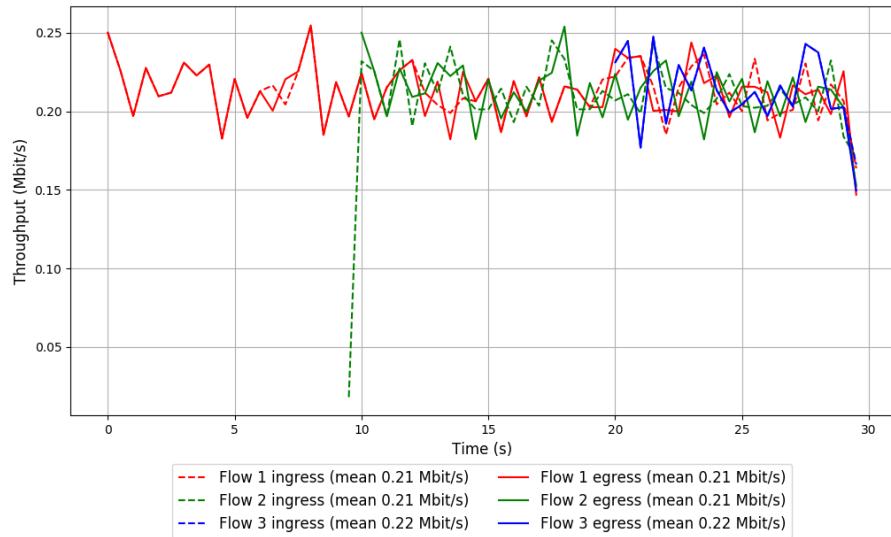


Run 6: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:34:47 +0000
End at: Mon, 10 Jul 2017 00:35:17 +0000
Local clock offset: 4.29 ms
Remote clock offset: -18.794 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 9.251 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.242 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.257 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.247 ms
Loss rate: 0.39%
```

Run 6: Report of SCReAM — Data Link

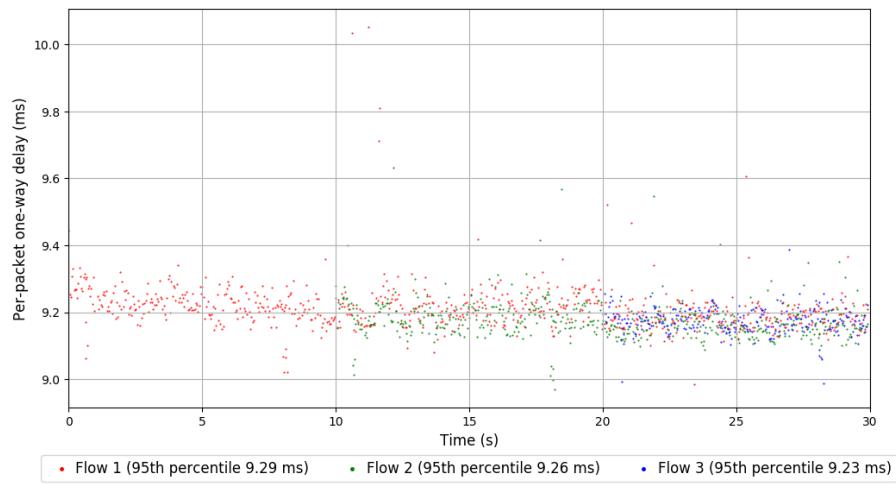
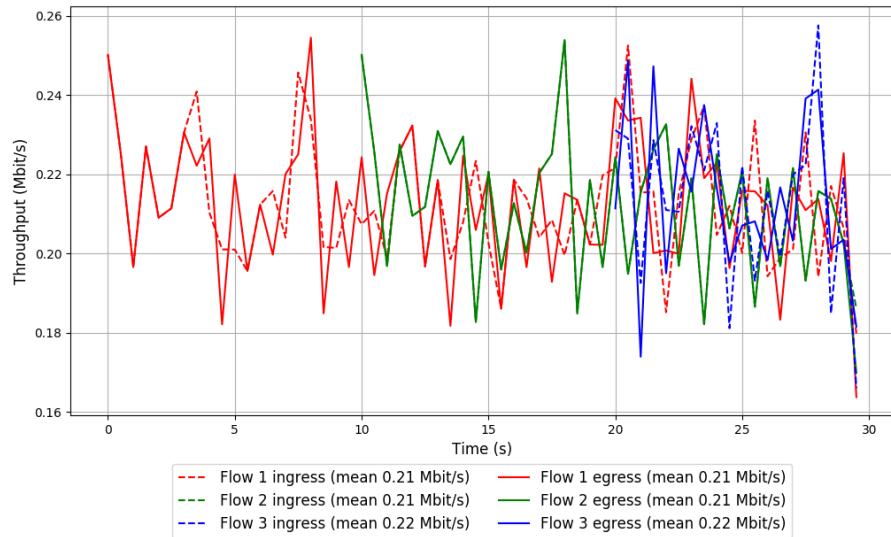


Run 7: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:52:49 +0000
End at: Mon, 10 Jul 2017 00:53:19 +0000
Local clock offset: 3.133 ms
Remote clock offset: -20.109 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 9.279 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.294 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.259 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.234 ms
Loss rate: 0.00%
```

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

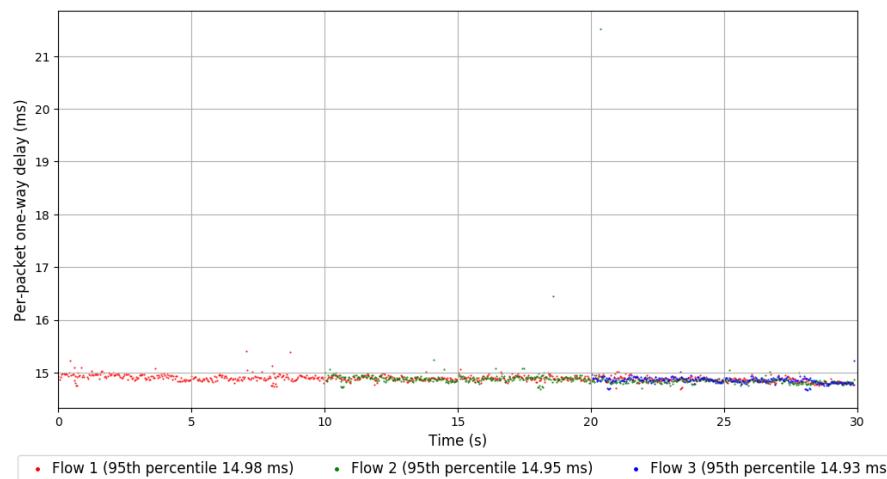
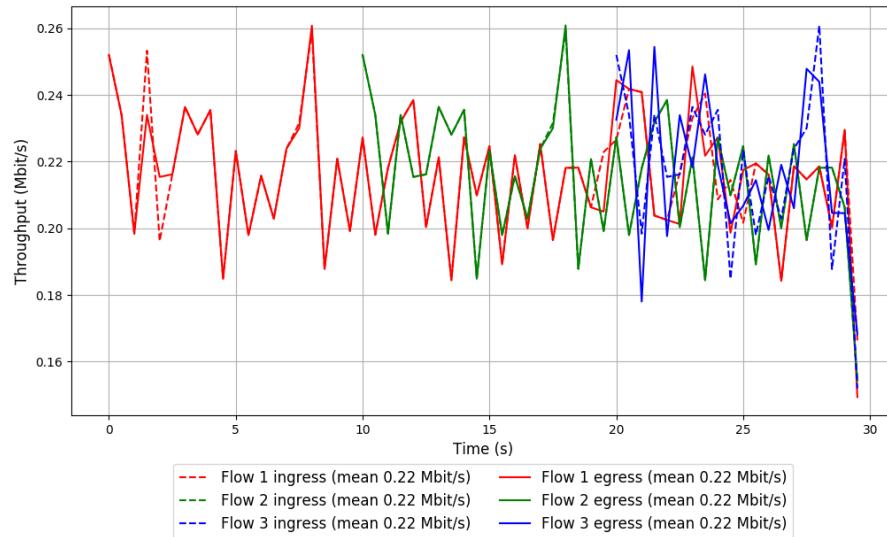


Run 8: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:11:00 +0000
End at: Mon, 10 Jul 2017 01:11:30 +0000
Local clock offset: 4.579 ms
Remote clock offset: -19.356 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.968 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.978 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.947 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.925 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

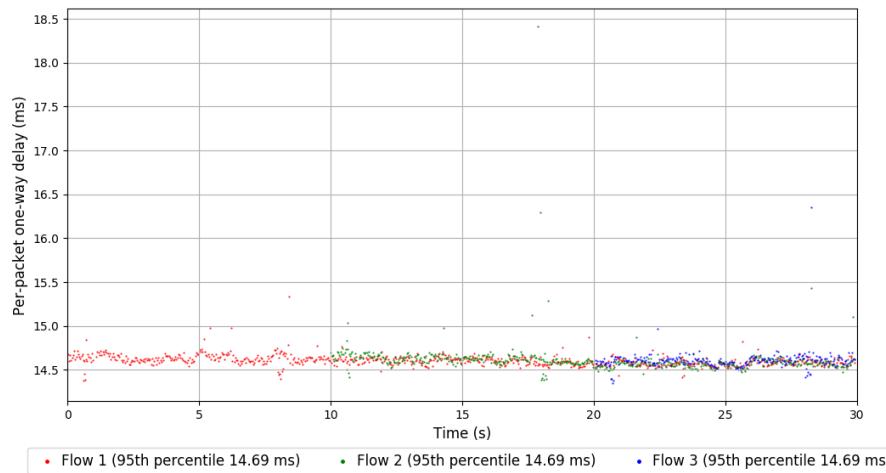
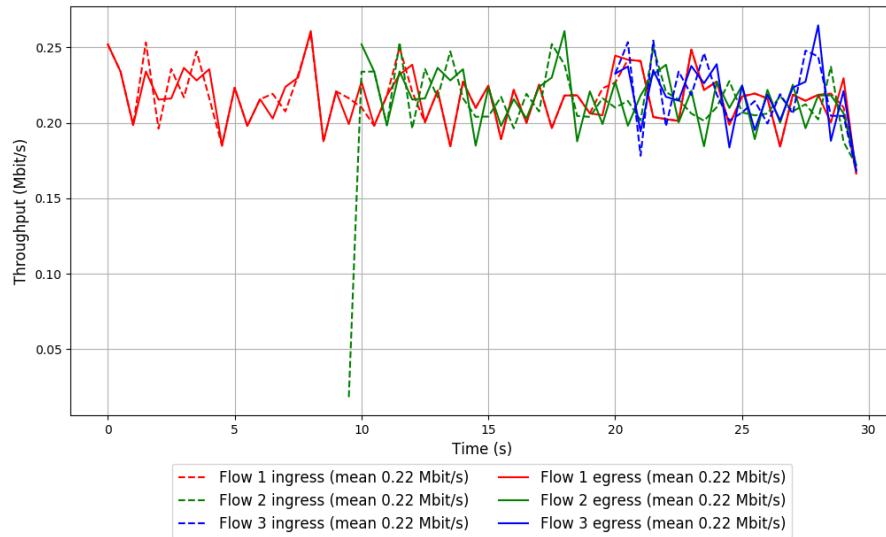


Run 9: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:29:29 +0000
End at: Mon, 10 Jul 2017 01:29:59 +0000
Local clock offset: -4.797 ms
Remote clock offset: -25.932 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.693 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.694 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.685 ms
Loss rate: 0.00%
```

## Run 9: Report of SCReAM — Data Link

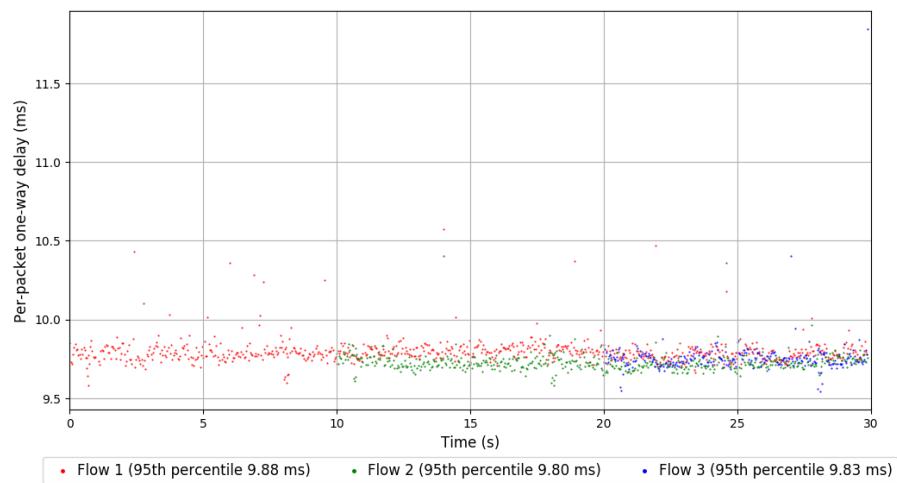
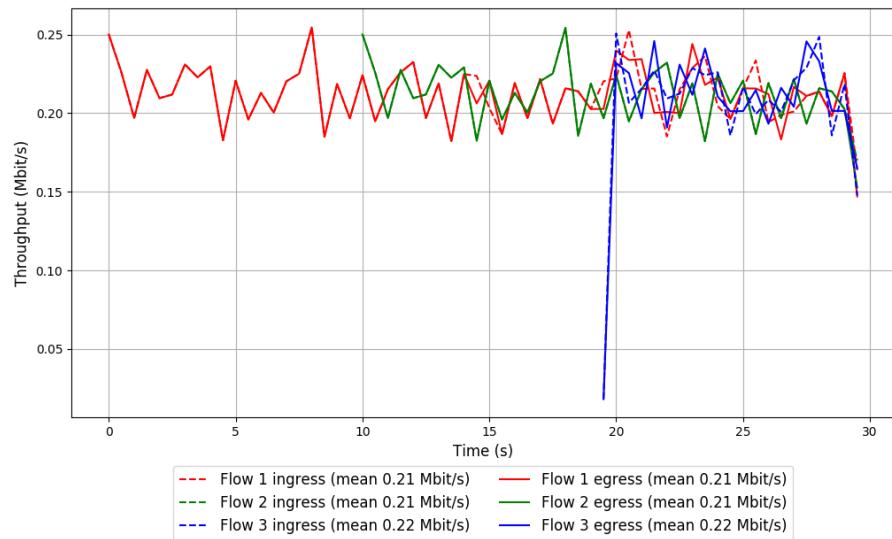


Run 10: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:47:34 +0000
End at: Mon, 10 Jul 2017 01:48:04 +0000
Local clock offset: 3.151 ms
Remote clock offset: -19.923 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 9.851 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.875 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.797 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.830 ms
Loss rate: 0.00%
```

## Run 10: Report of SCReAM — Data Link

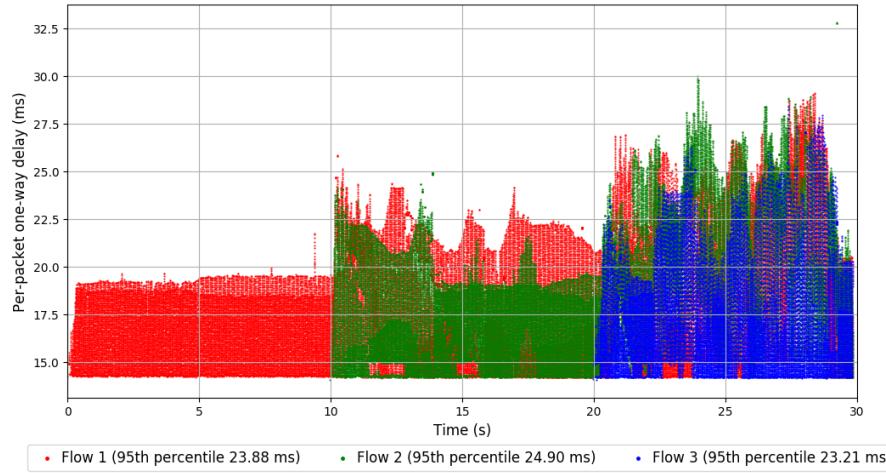
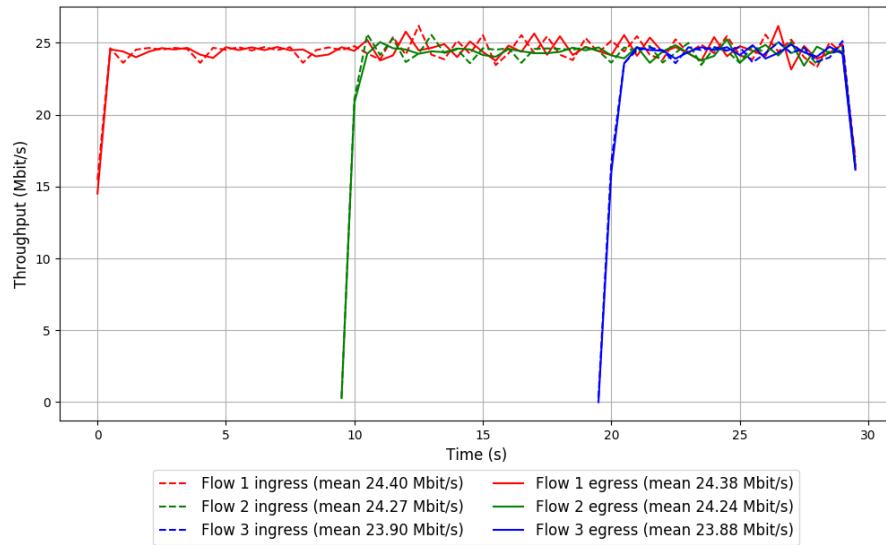


Run 1: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 22:59:40 +0000
End at: Sun, 09 Jul 2017 23:00:10 +0000
Local clock offset: -1.625 ms
Remote clock offset: -17.644 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 24.197 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 23.882 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 24.899 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 23.88 Mbit/s
95th percentile per-packet one-way delay: 23.215 ms
Loss rate: 0.25%
```

## Run 1: Report of Sprout — Data Link

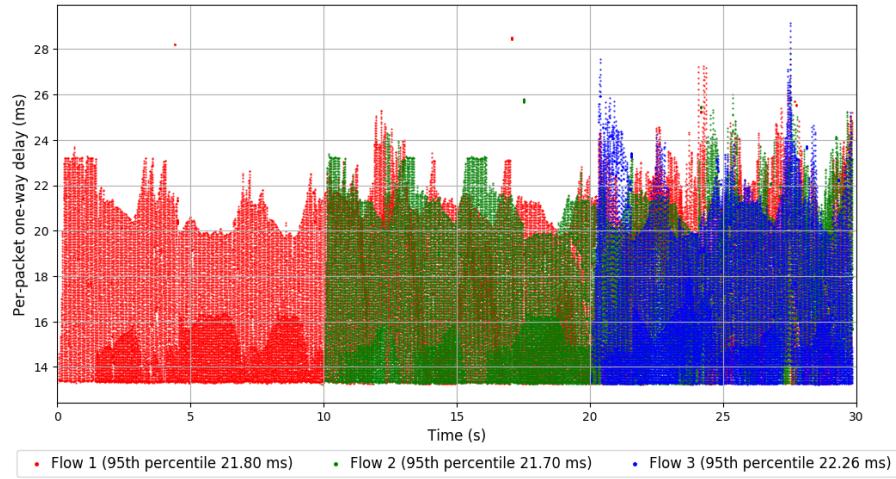
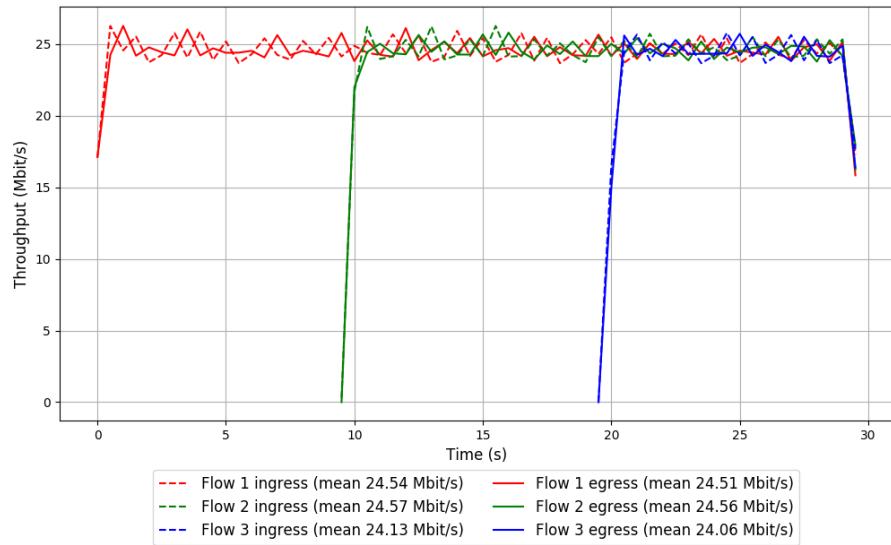


Run 2: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:17:36 +0000
End at: Sun, 09 Jul 2017 23:18:06 +0000
Local clock offset: 0.954 ms
Remote clock offset: -16.647 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.83 Mbit/s
95th percentile per-packet one-way delay: 21.833 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 21.802 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 21.698 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 22.264 ms
Loss rate: 0.46%
```

## Run 2: Report of Sprout — Data Link

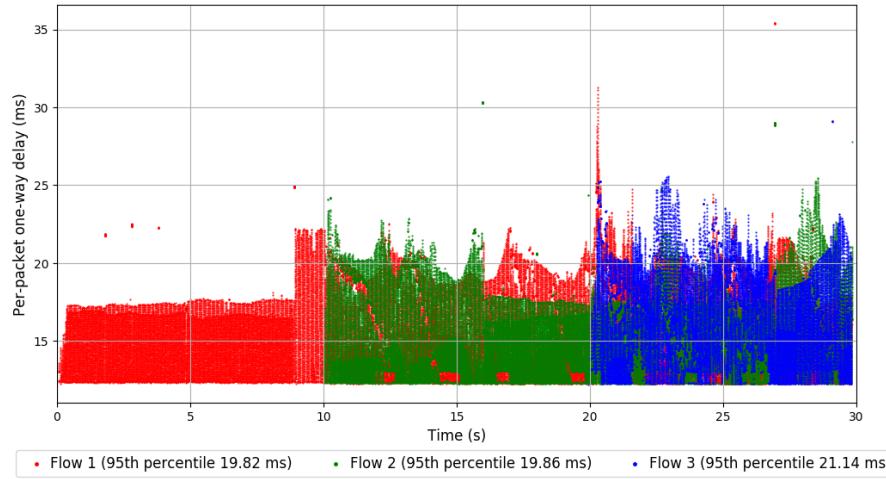
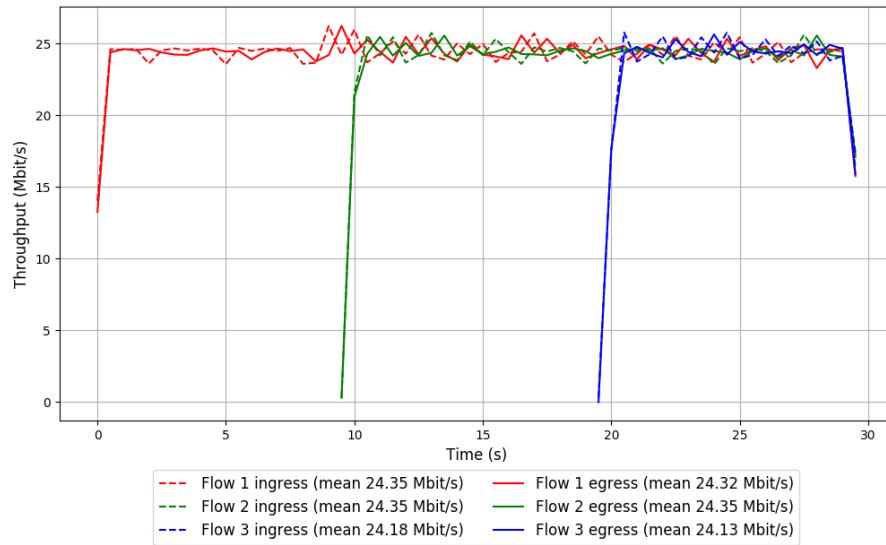


Run 3: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:35:38 +0000
End at: Sun, 09 Jul 2017 23:36:08 +0000
Local clock offset: -0.92 ms
Remote clock offset: -17.085 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 20.104 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 19.816 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 19.858 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 21.141 ms
Loss rate: 0.39%
```

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

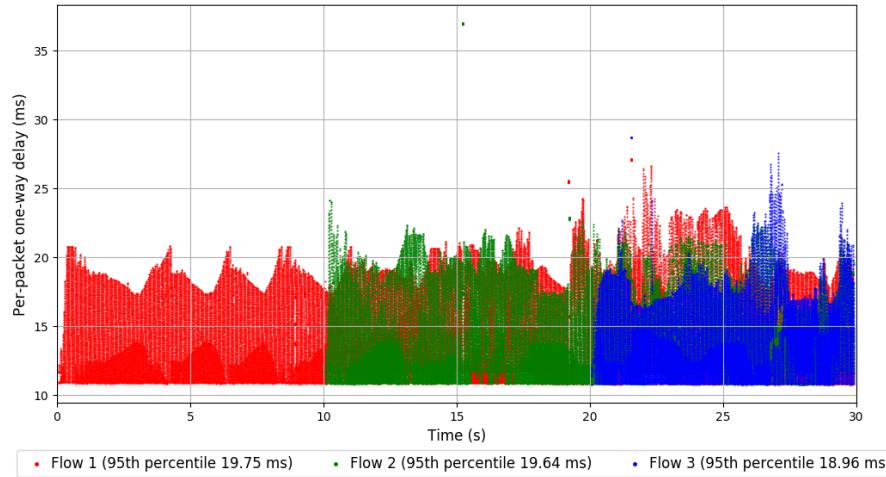
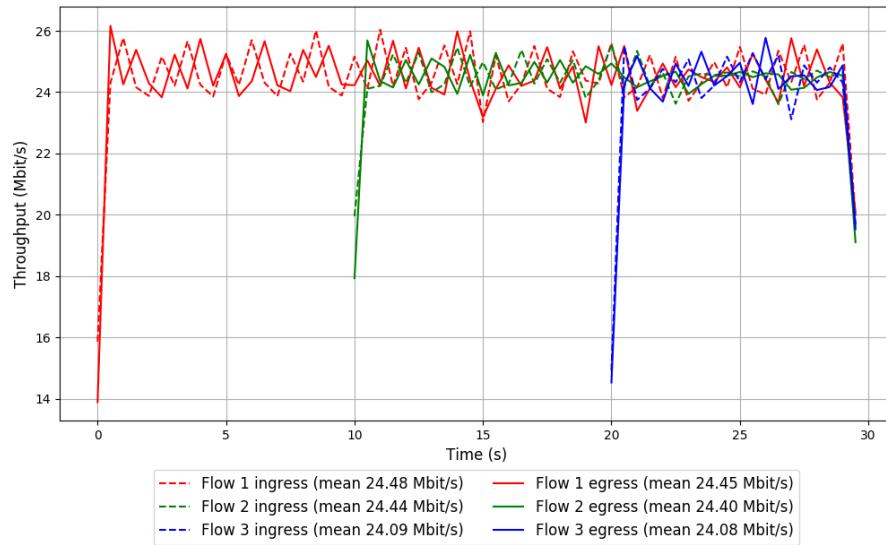


Run 4: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:53:38 +0000
End at: Sun, 09 Jul 2017 23:54:08 +0000
Local clock offset: 3.593 ms
Remote clock offset: -18.904 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.61 Mbit/s
95th percentile per-packet one-way delay: 19.623 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 19.752 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 19.637 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 18.963 ms
Loss rate: 0.16%
```

## Run 4: Report of Sprout — Data Link

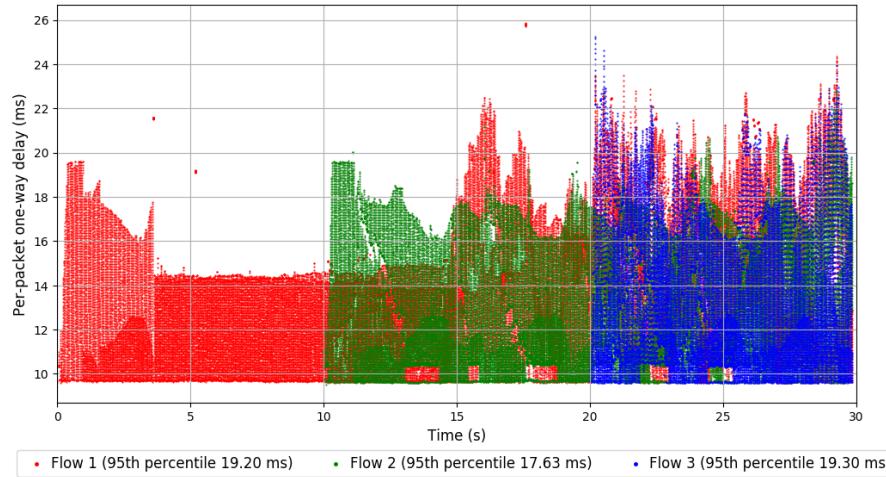
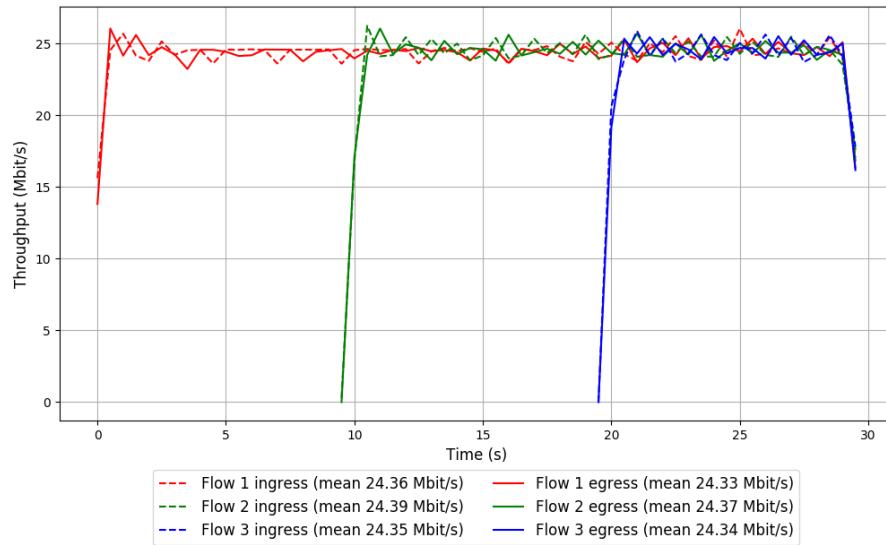


Run 5: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:11:52 +0000
End at: Mon, 10 Jul 2017 00:12:22 +0000
Local clock offset: 2.441 ms
Remote clock offset: -20.358 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.61 Mbit/s
95th percentile per-packet one-way delay: 18.767 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 19.198 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 17.632 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 19.298 ms
Loss rate: 0.41%
```

## Run 5: Report of Sprout — Data Link

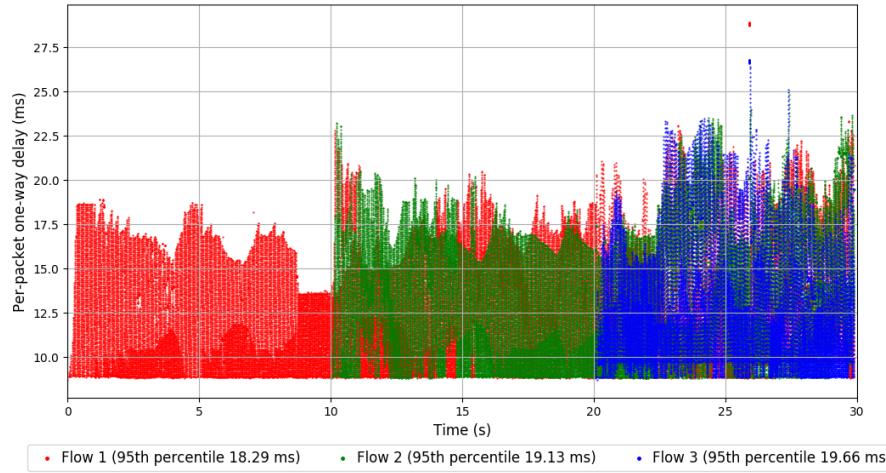
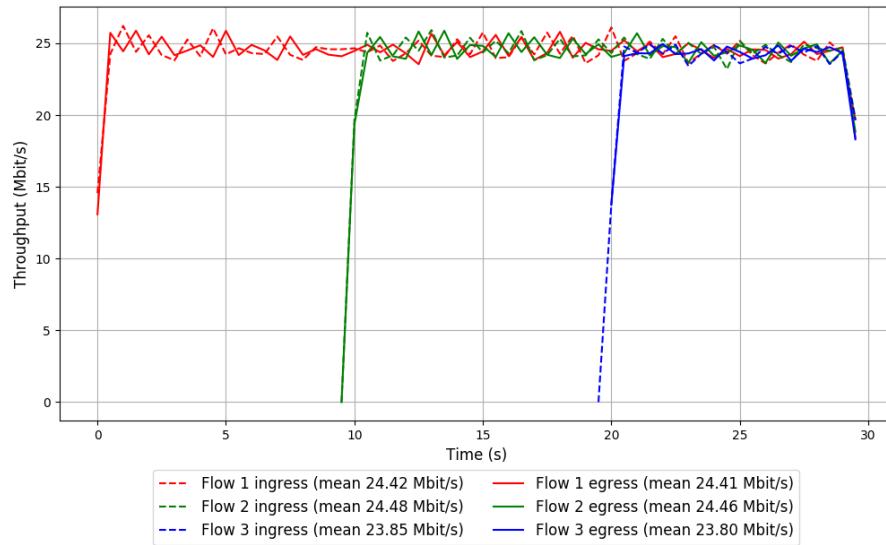


Run 6: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:29:58 +0000
End at: Mon, 10 Jul 2017 00:30:28 +0000
Local clock offset: 3.687 ms
Remote clock offset: -19.128 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 18.806 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 18.294 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 19.127 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.80 Mbit/s
95th percentile per-packet one-way delay: 19.659 ms
Loss rate: 0.30%
```

Run 6: Report of Sprout — Data Link

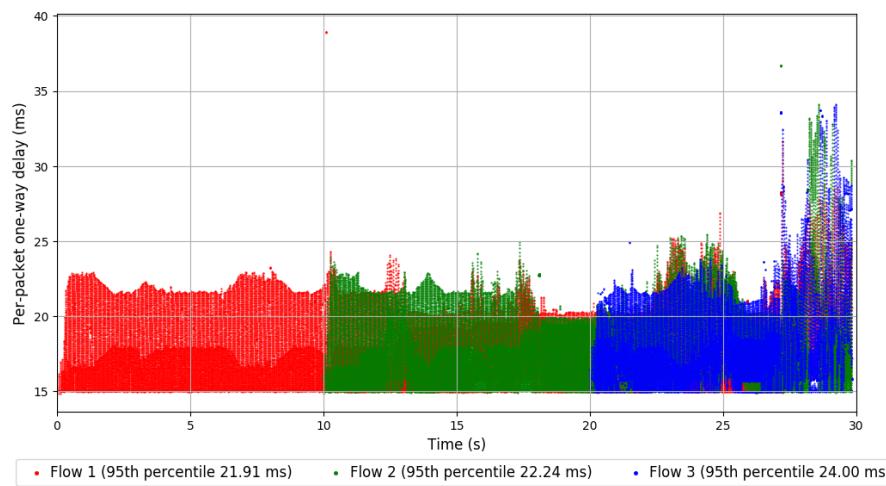
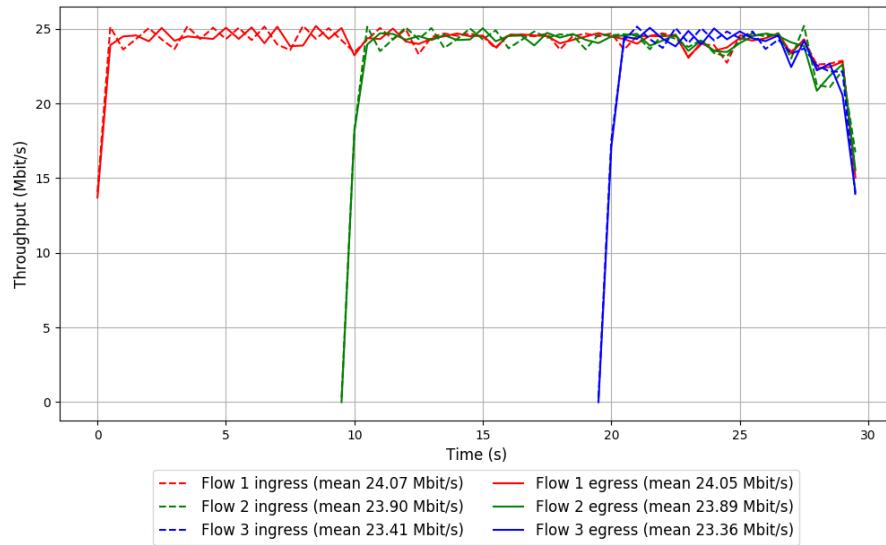


Run 7: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:48:01 +0000
End at: Mon, 10 Jul 2017 00:48:31 +0000
Local clock offset: 2.144 ms
Remote clock offset: -19.715 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.70 Mbit/s
95th percentile per-packet one-way delay: 22.253 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 21.912 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 22.244 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 23.997 ms
Loss rate: 0.42%
```

## Run 7: Report of Sprout — Data Link

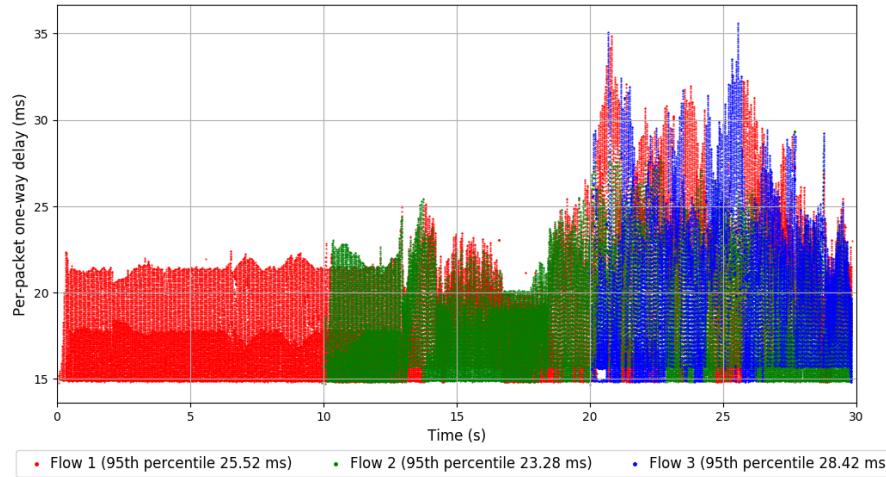
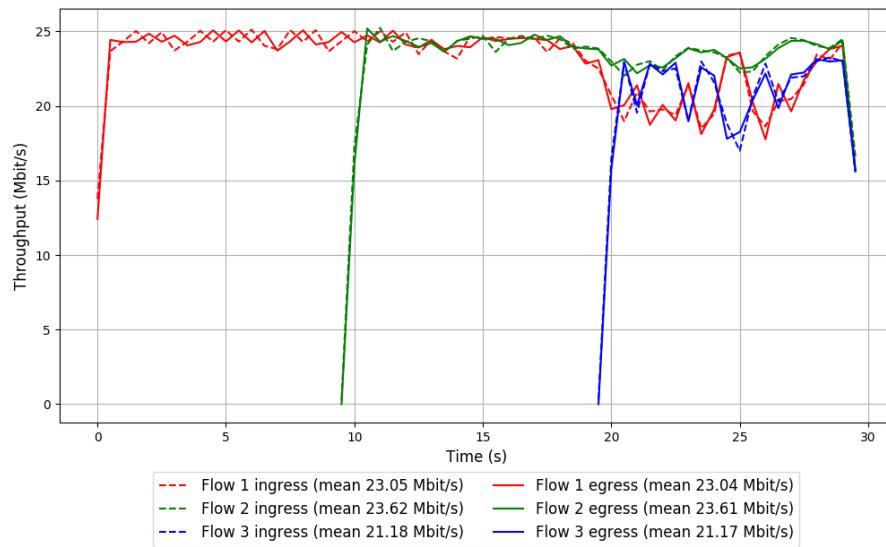


Run 8: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:06:11 +0000
End at: Mon, 10 Jul 2017 01:06:41 +0000
Local clock offset: 2.894 ms
Remote clock offset: -19.864 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 25.421 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 23.04 Mbit/s
95th percentile per-packet one-way delay: 25.517 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 23.61 Mbit/s
95th percentile per-packet one-way delay: 23.284 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 21.17 Mbit/s
95th percentile per-packet one-way delay: 28.416 ms
Loss rate: 0.23%
```

## Run 8: Report of Sprout — Data Link

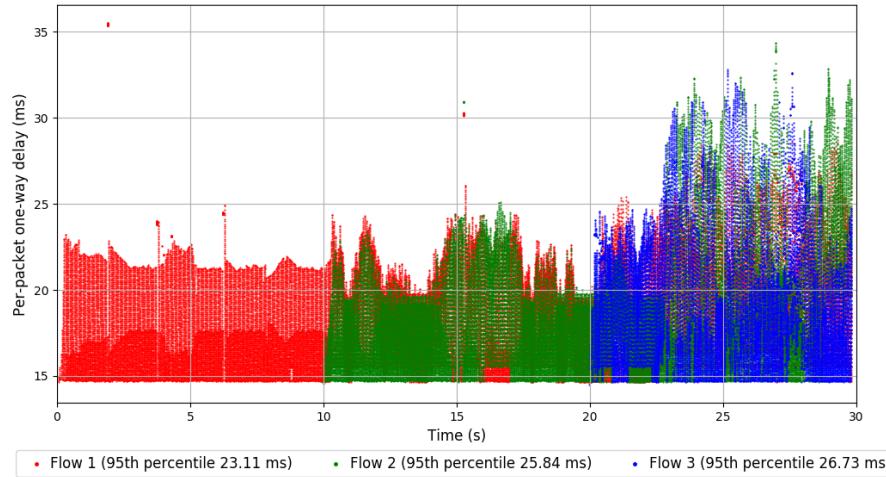
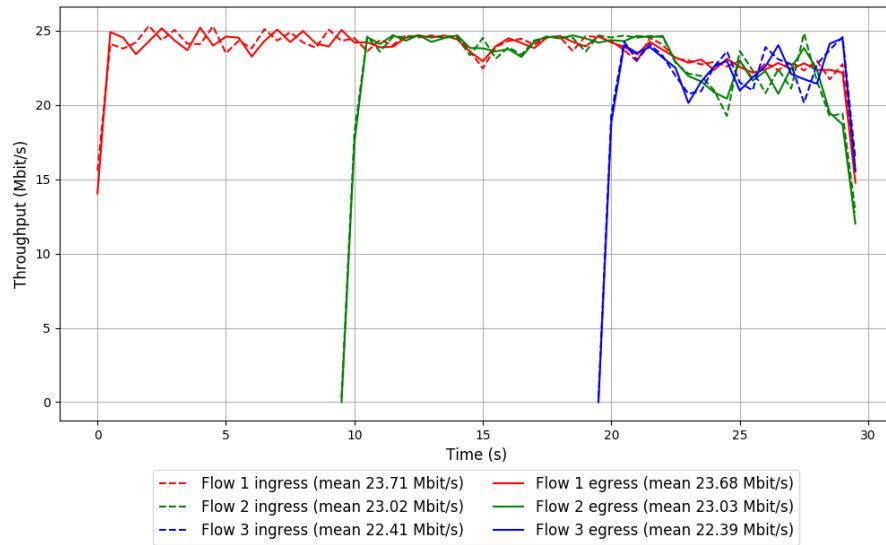


Run 9: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:24:35 +0000
End at: Mon, 10 Jul 2017 01:25:05 +0000
Local clock offset: 2.973 ms
Remote clock offset: -19.676 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.43 Mbit/s
95th percentile per-packet one-way delay: 24.541 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 23.113 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 23.03 Mbit/s
95th percentile per-packet one-way delay: 25.840 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 26.735 ms
Loss rate: 0.39%
```

## Run 9: Report of Sprout — Data Link

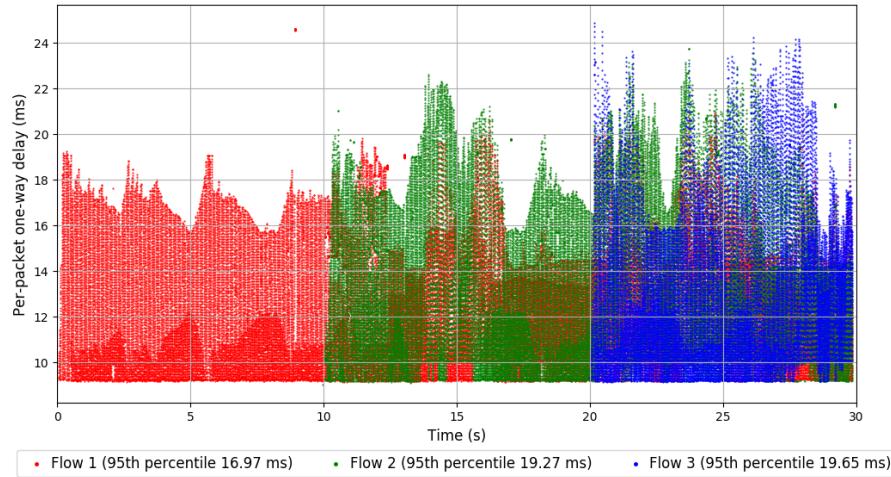
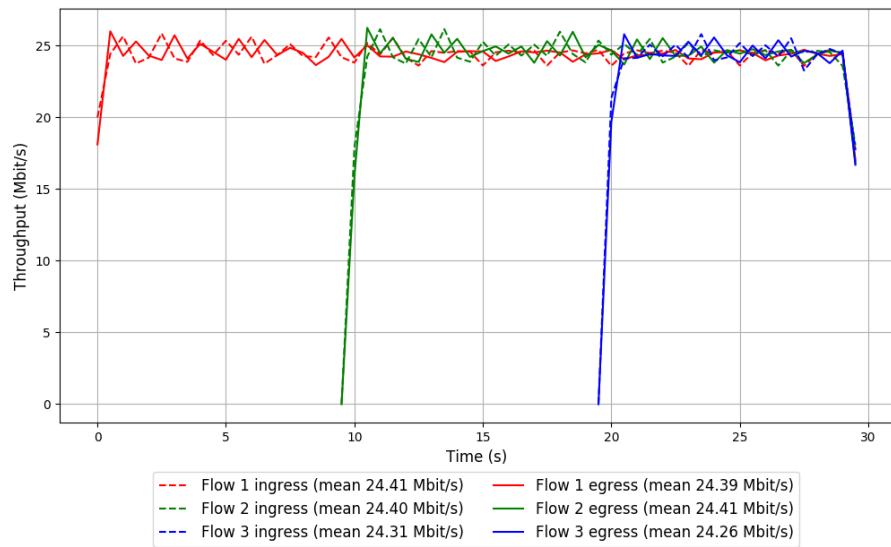


Run 10: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:42:42 +0000
End at: Mon, 10 Jul 2017 01:43:12 +0000
Local clock offset: 3.419 ms
Remote clock offset: -21.354 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.66 Mbit/s
95th percentile per-packet one-way delay: 18.378 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 16.969 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 19.267 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 19.648 ms
Loss rate: 0.40%
```

## Run 10: Report of Sprout — Data Link

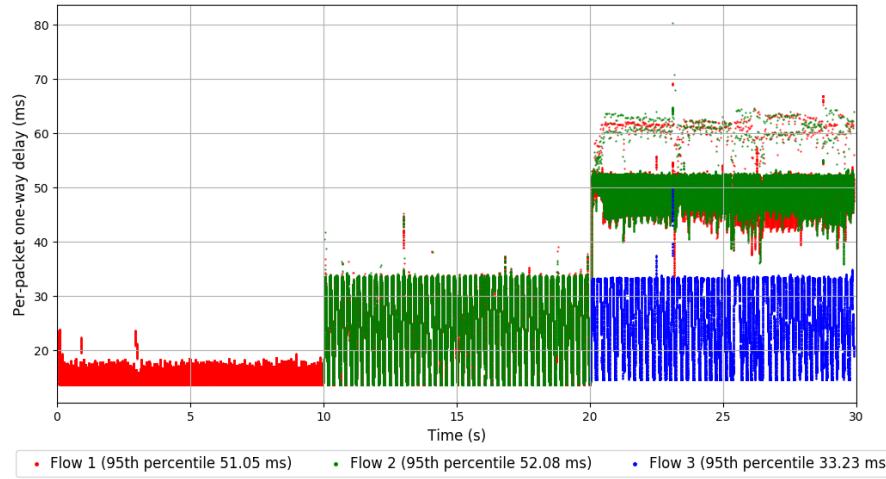
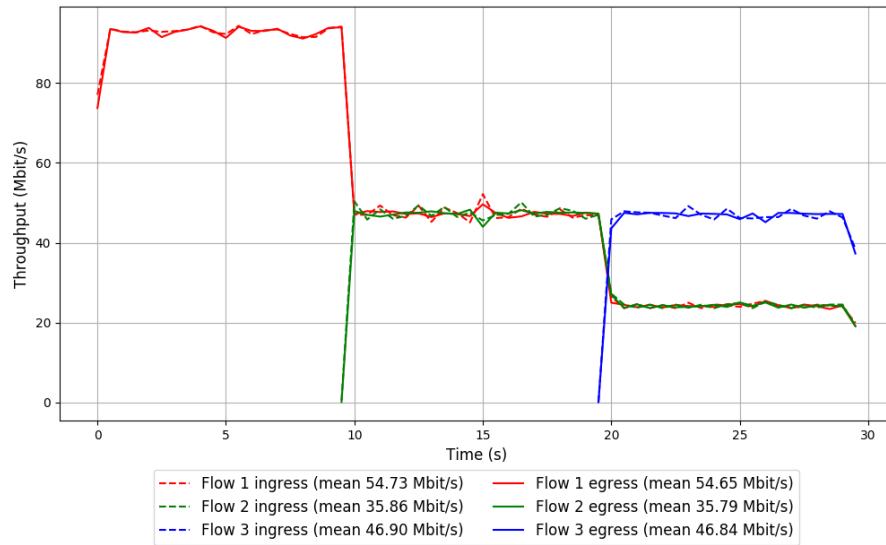


Run 1: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:11:29 +0000
End at: Sun, 09 Jul 2017 23:11:59 +0000
Local clock offset: 0.877 ms
Remote clock offset: -15.657 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 51.369 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 54.65 Mbit/s
95th percentile per-packet one-way delay: 51.046 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 52.080 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 33.235 ms
Loss rate: 0.34%
```

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

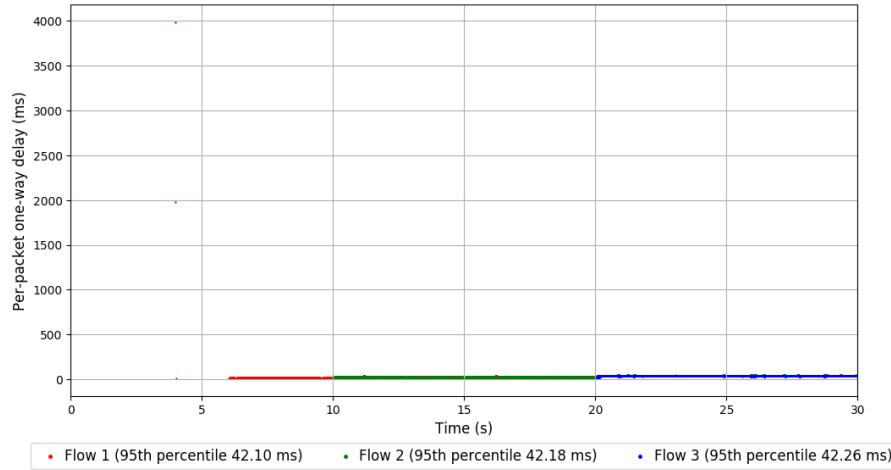
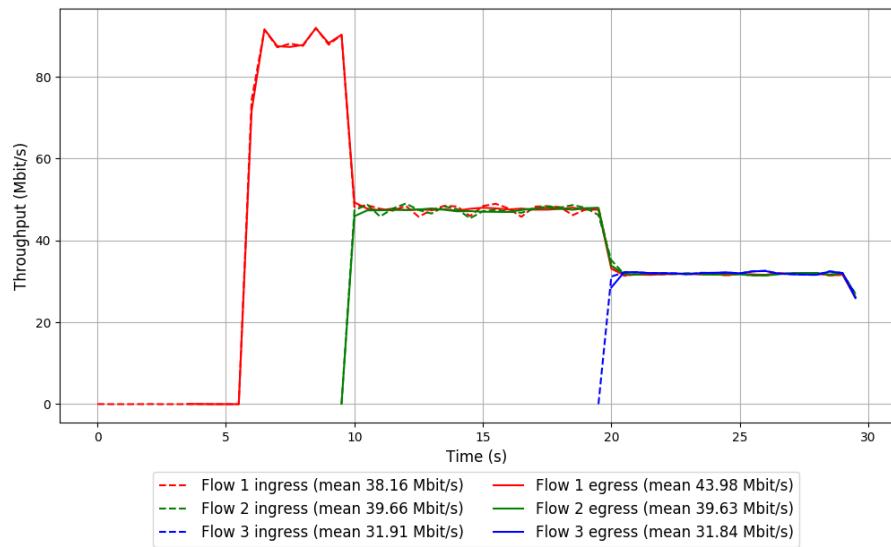


Run 2: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:29:29 +0000
End at: Sun, 09 Jul 2017 23:29:59 +0000
Local clock offset: 2.401 ms
Remote clock offset: -18.589 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 42.164 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 43.98 Mbit/s
95th percentile per-packet one-way delay: 42.104 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 39.63 Mbit/s
95th percentile per-packet one-way delay: 42.177 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 42.264 ms
Loss rate: 0.55%
```

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

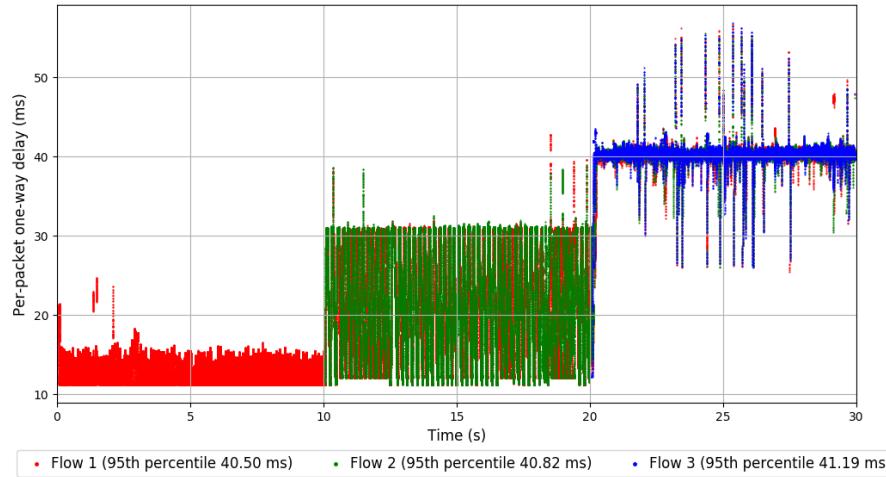
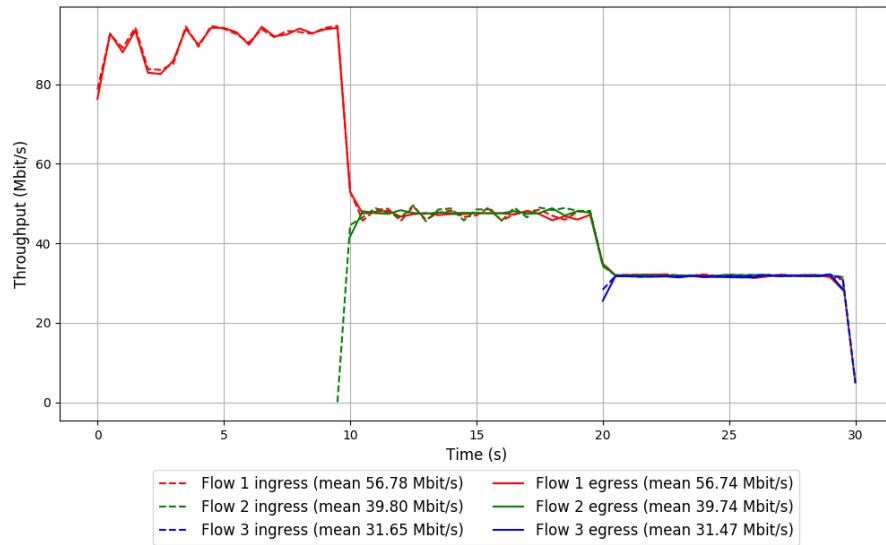


Run 3: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:47:27 +0000
End at: Sun, 09 Jul 2017 23:47:57 +0000
Local clock offset: 2.411 ms
Remote clock offset: -20.052 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 40.750 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 40.502 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 40.822 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 41.190 ms
Loss rate: 1.91%
```

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

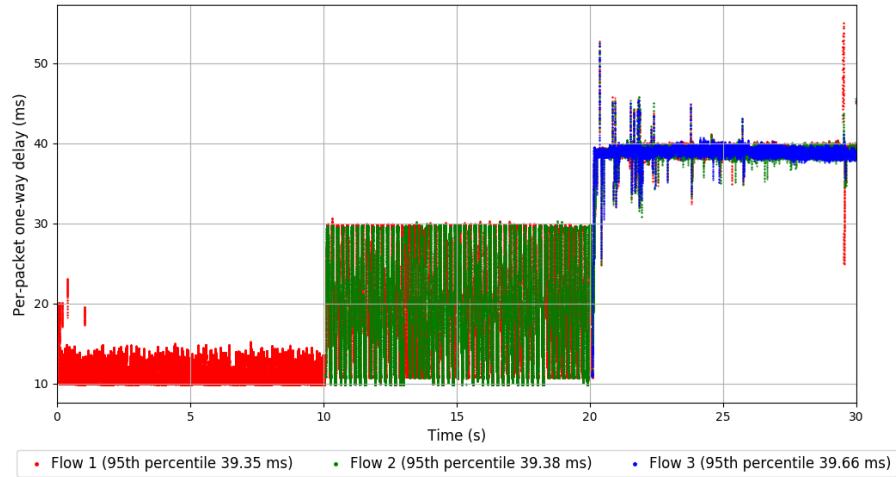
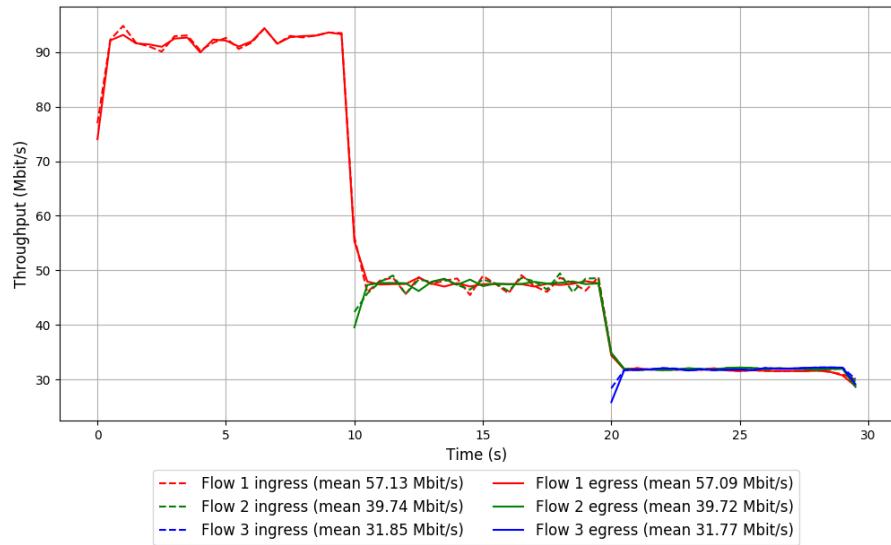


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:05:39 +0000
End at: Mon, 10 Jul 2017 00:06:09 +0000
Local clock offset: 0.923 ms
Remote clock offset: -19.822 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 39.430 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 39.347 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 39.385 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 39.664 ms
Loss rate: 0.55%
```

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

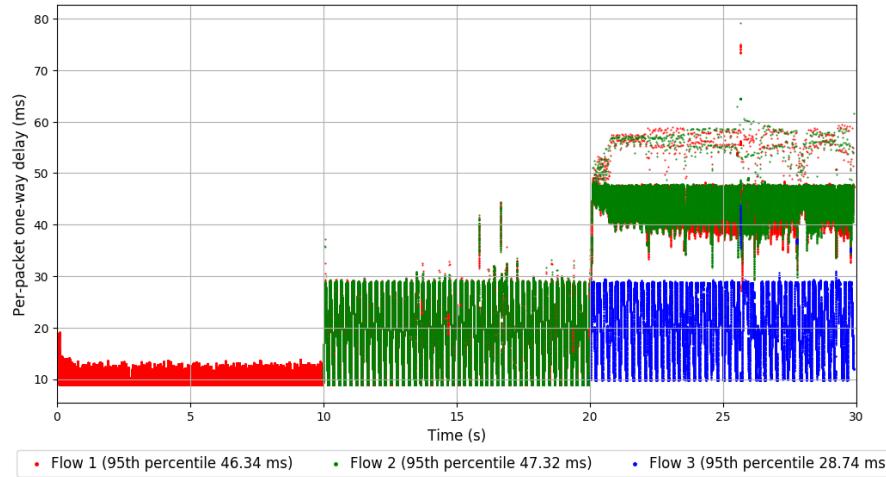
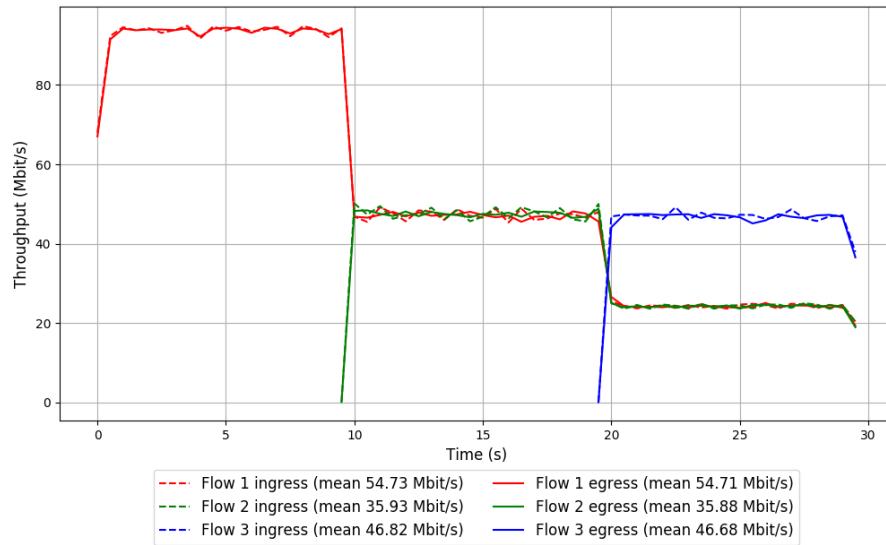


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:23:45 +0000
End at: Mon, 10 Jul 2017 00:24:15 +0000
Local clock offset: 0.704 ms
Remote clock offset: -18.984 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.12 Mbit/s
95th percentile per-packet one-way delay: 46.614 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 54.71 Mbit/s
95th percentile per-packet one-way delay: 46.342 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 35.88 Mbit/s
95th percentile per-packet one-way delay: 47.316 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 46.68 Mbit/s
95th percentile per-packet one-way delay: 28.741 ms
Loss rate: 0.56%
```

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

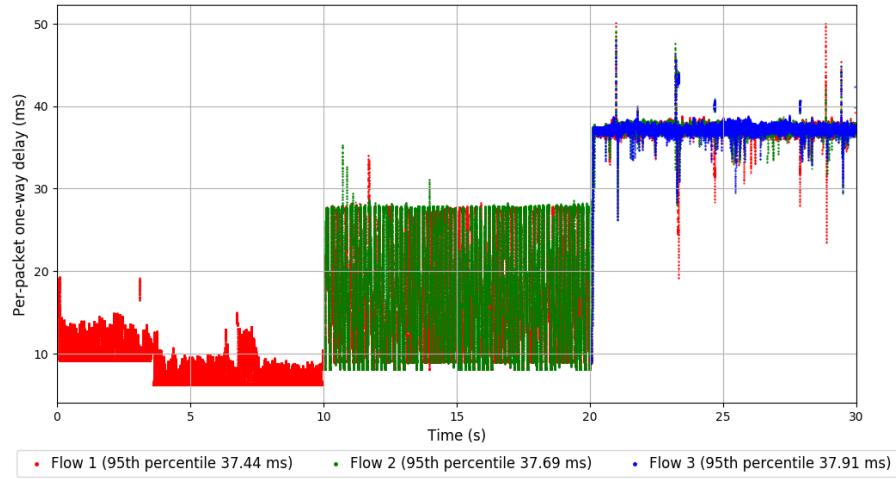
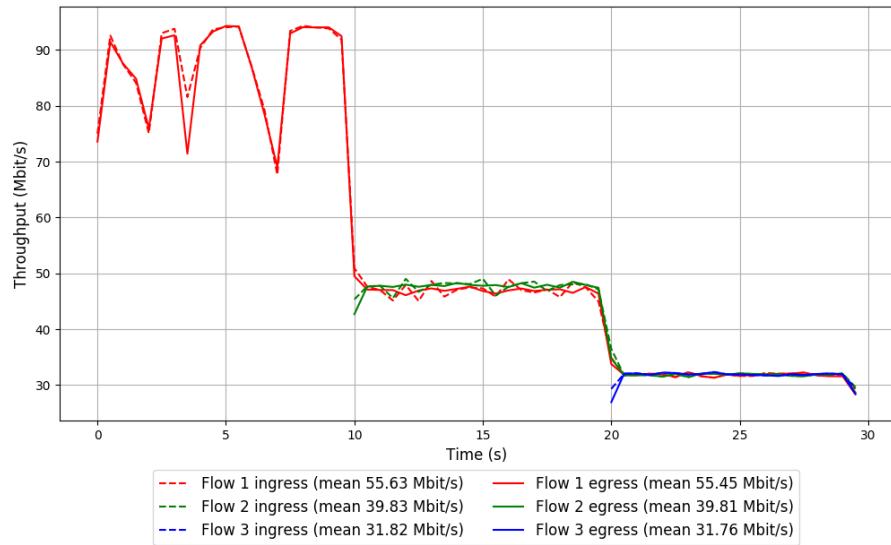


Run 6: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:41:49 +0000
End at: Mon, 10 Jul 2017 00:42:19 +0000
Local clock offset: 3.731 ms
Remote clock offset: -18.956 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.48 Mbit/s
95th percentile per-packet one-way delay: 37.638 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 55.45 Mbit/s
95th percentile per-packet one-way delay: 37.435 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 37.688 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 37.910 ms
Loss rate: 0.53%
```

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

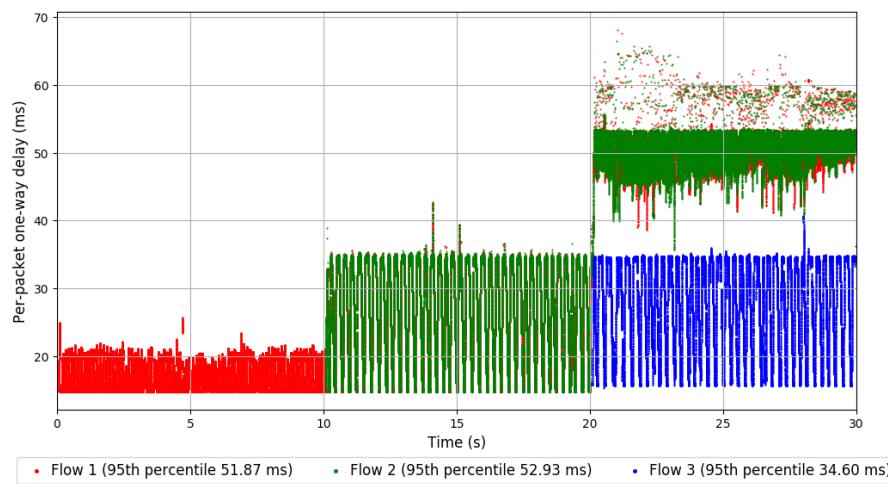
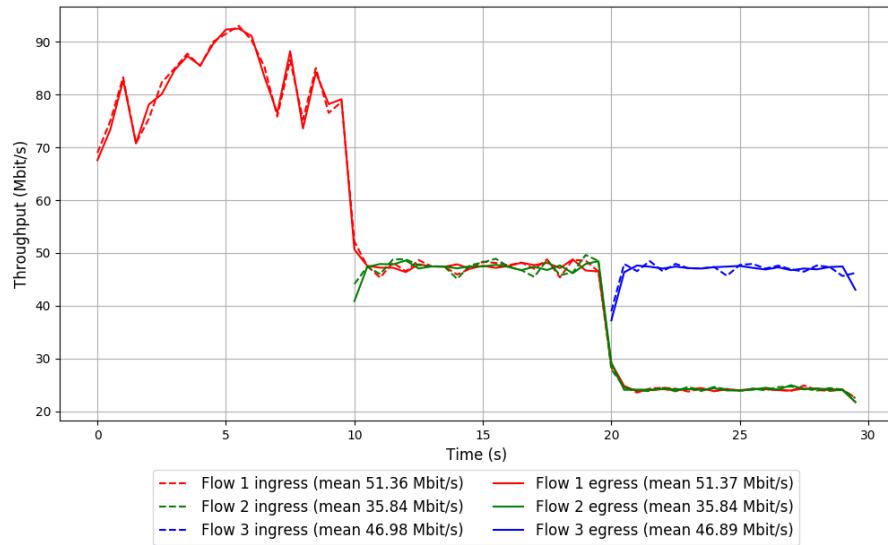


Run 7: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:59:55 +0000
End at: Mon, 10 Jul 2017 01:00:25 +0000
Local clock offset: 3.482 ms
Remote clock offset: -20.442 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 52.116 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 51.865 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 35.84 Mbit/s
95th percentile per-packet one-way delay: 52.931 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 46.89 Mbit/s
95th percentile per-packet one-way delay: 34.605 ms
Loss rate: 0.50%
```

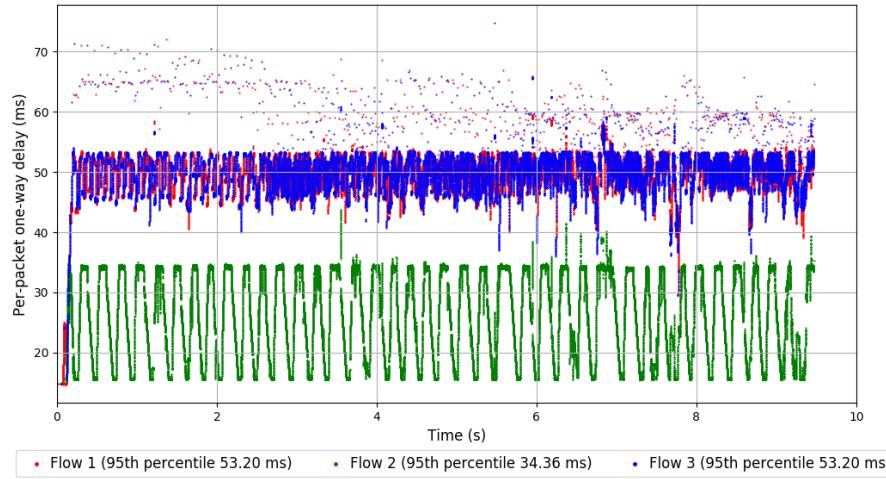
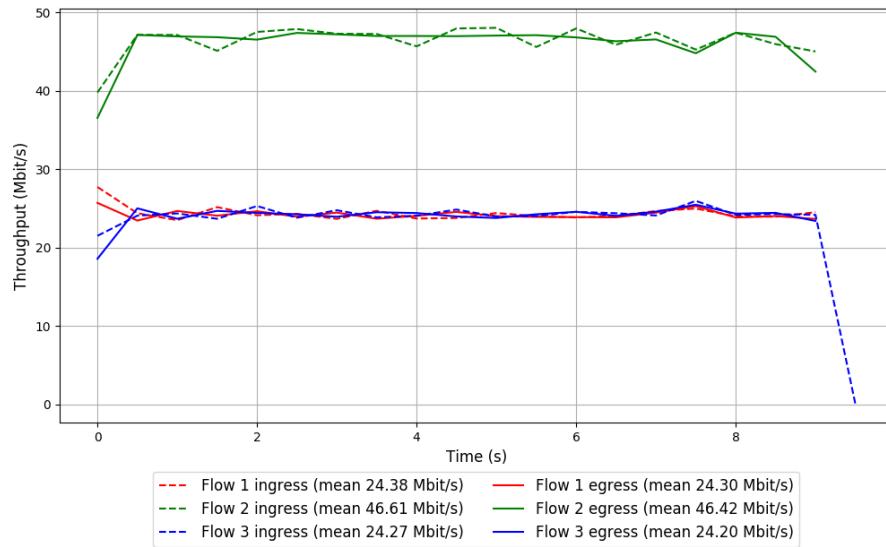
Run 7: Report of TaoVA-100x — Data Link



Run 8: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 01:18:05 +0000  
End at: Mon, 10 Jul 2017 01:18:35 +0000  
Local clock offset: 0.094 ms  
Remote clock offset: -20.309 ms

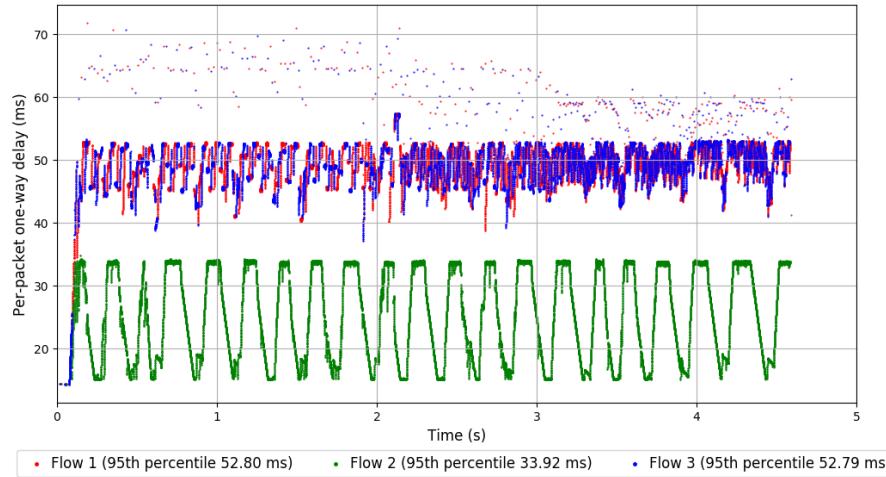
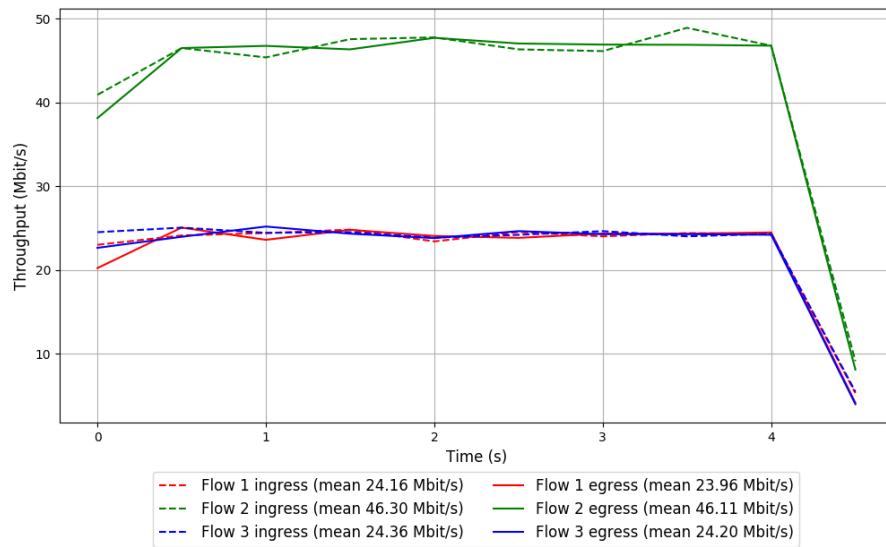
Run 8: Report of TaoVA-100x — Data Link



Run 9: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 01:36:36 +0000  
End at: Mon, 10 Jul 2017 01:37:06 +0000  
Local clock offset: 2.004 ms  
Remote clock offset: -21.896 ms

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

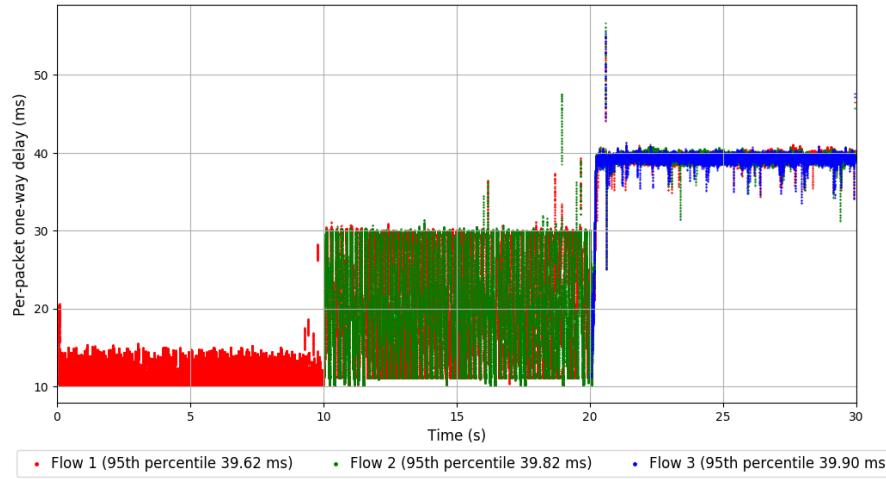
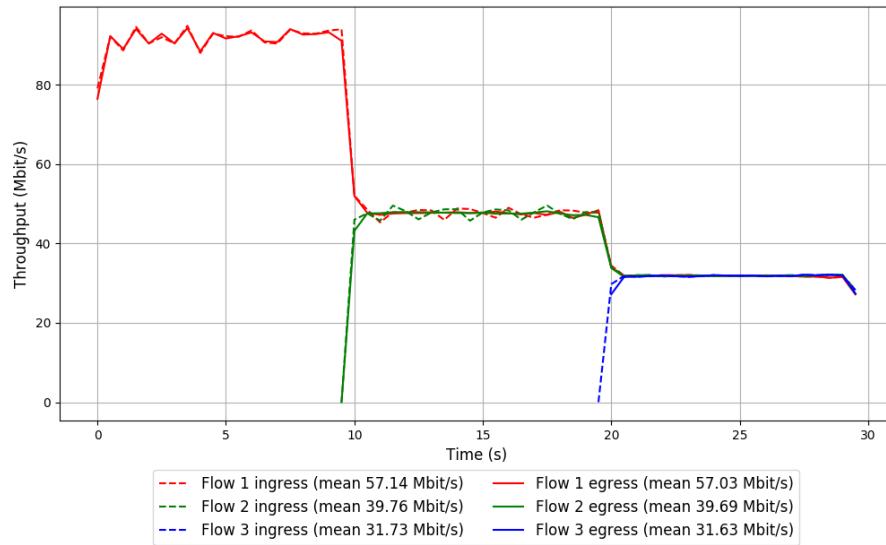


Run 10: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:54:51 +0000
End at: Mon, 10 Jul 2017 01:55:21 +0000
Local clock offset: -0.267 ms
Remote clock offset: -19.976 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 39.751 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 57.03 Mbit/s
95th percentile per-packet one-way delay: 39.616 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 39.819 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 39.898 ms
Loss rate: 0.59%
```

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

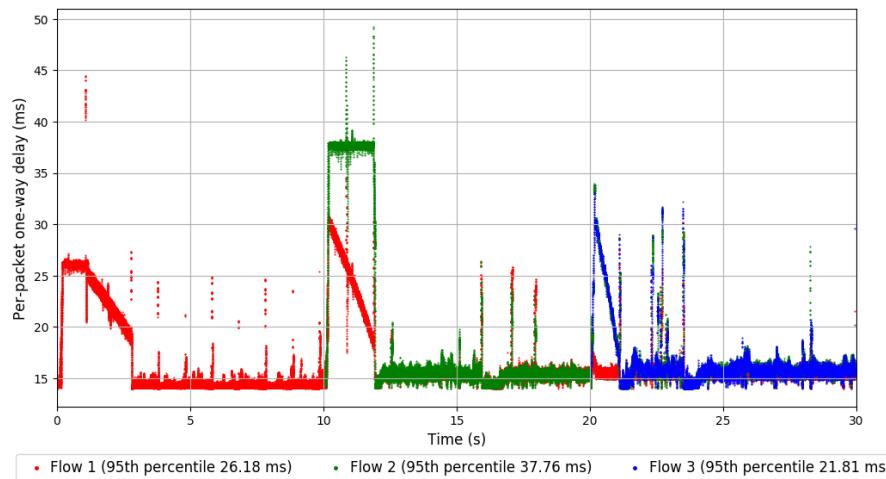
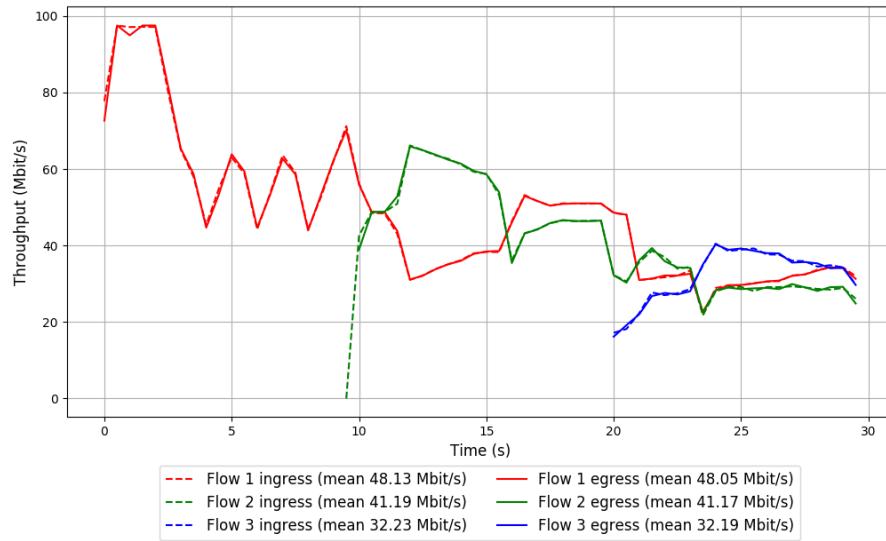


Run 1: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:03:13 +0000
End at: Sun, 09 Jul 2017 23:03:43 +0000
Local clock offset: -1.25 ms
Remote clock offset: -17.652 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.13 Mbit/s
95th percentile per-packet one-way delay: 27.200 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 48.05 Mbit/s
95th percentile per-packet one-way delay: 26.180 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 41.17 Mbit/s
95th percentile per-packet one-way delay: 37.761 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 21.806 ms
Loss rate: 0.27%
```

Run 1: Report of TCP Vegas — Data Link

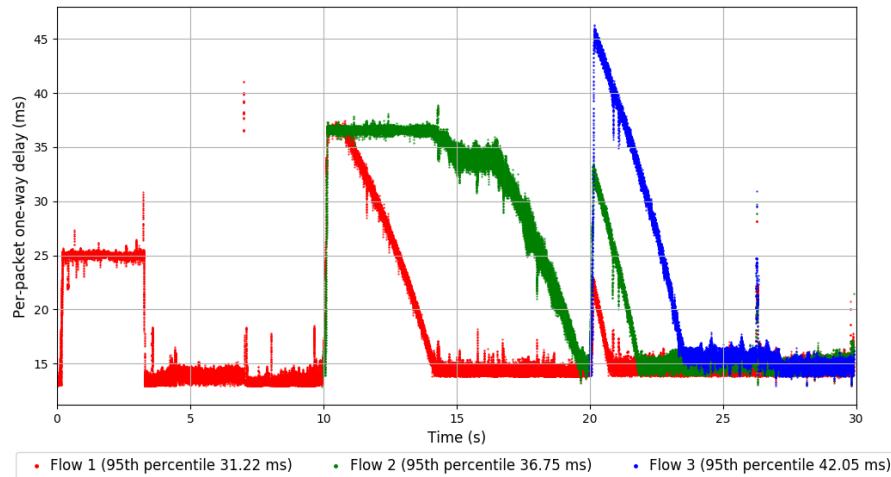
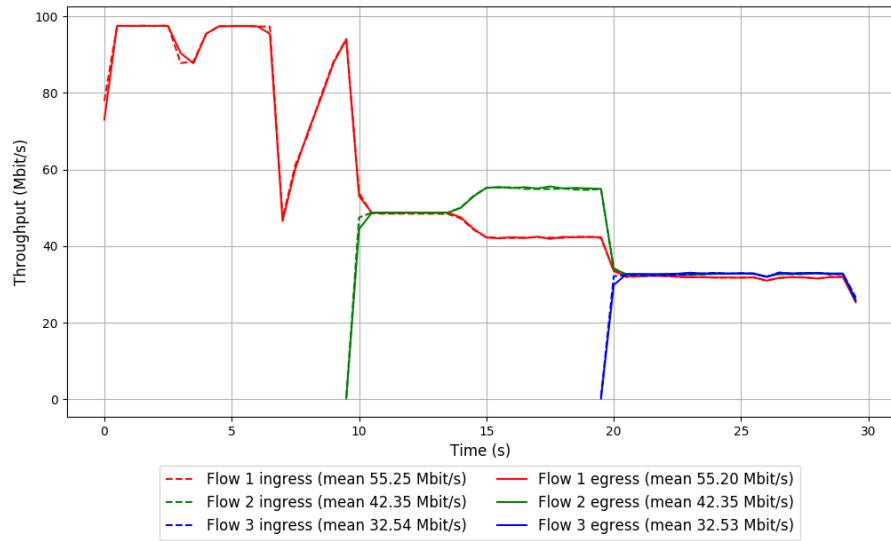


Run 2: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:21:13 +0000
End at: Sun, 09 Jul 2017 23:21:43 +0000
Local clock offset: 1.093 ms
Remote clock offset: -18.003 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 36.646 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 55.20 Mbit/s
95th percentile per-packet one-way delay: 31.222 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 42.35 Mbit/s
95th percentile per-packet one-way delay: 36.753 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.53 Mbit/s
95th percentile per-packet one-way delay: 42.046 ms
Loss rate: 0.26%
```

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

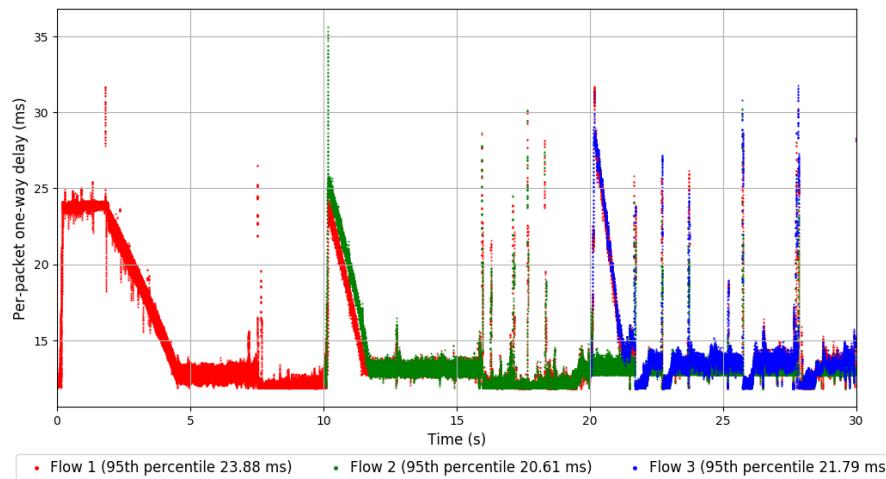
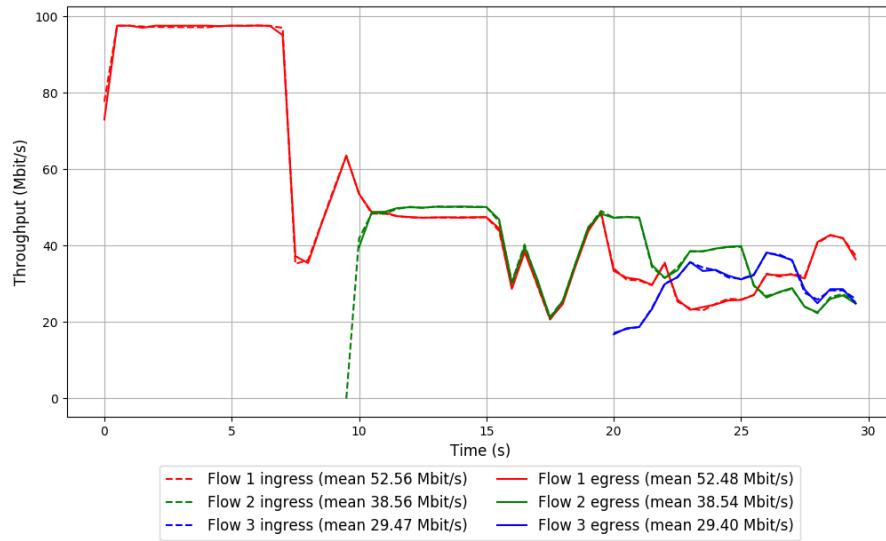


Run 3: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:39:12 +0000
End at: Sun, 09 Jul 2017 23:39:42 +0000
Local clock offset: 1.151 ms
Remote clock offset: -18.051 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.89 Mbit/s
95th percentile per-packet one-way delay: 23.824 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 52.48 Mbit/s
95th percentile per-packet one-way delay: 23.883 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 38.54 Mbit/s
95th percentile per-packet one-way delay: 20.607 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 29.40 Mbit/s
95th percentile per-packet one-way delay: 21.791 ms
Loss rate: 0.29%
```

Run 3: Report of TCP Vegas — Data Link

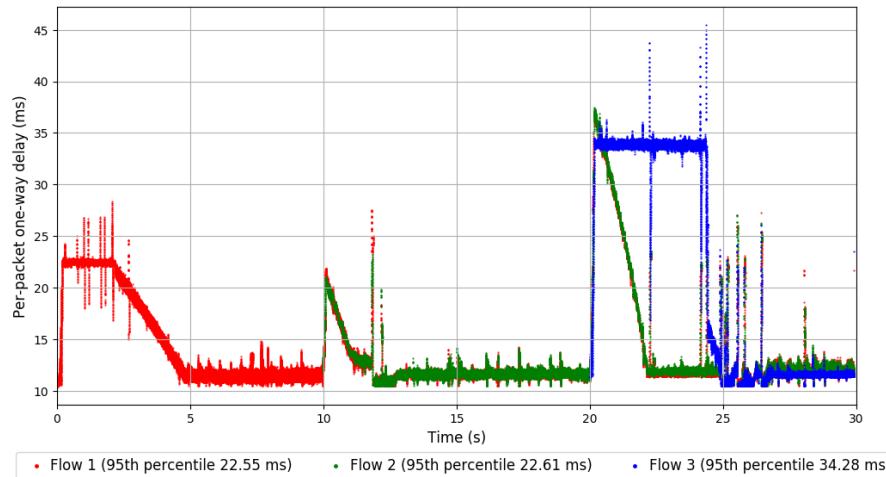
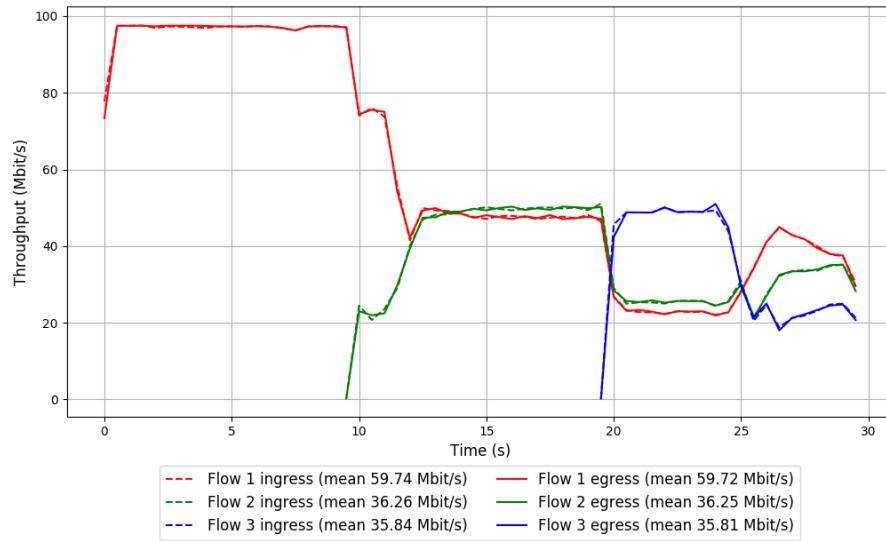


Run 4: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:57:18 +0000
End at: Sun, 09 Jul 2017 23:57:48 +0000
Local clock offset: 3.076 ms
Remote clock offset: -18.198 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 33.802 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.72 Mbit/s
95th percentile per-packet one-way delay: 22.553 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.25 Mbit/s
95th percentile per-packet one-way delay: 22.610 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 34.281 ms
Loss rate: 0.22%
```

Run 4: Report of TCP Vegas — Data Link

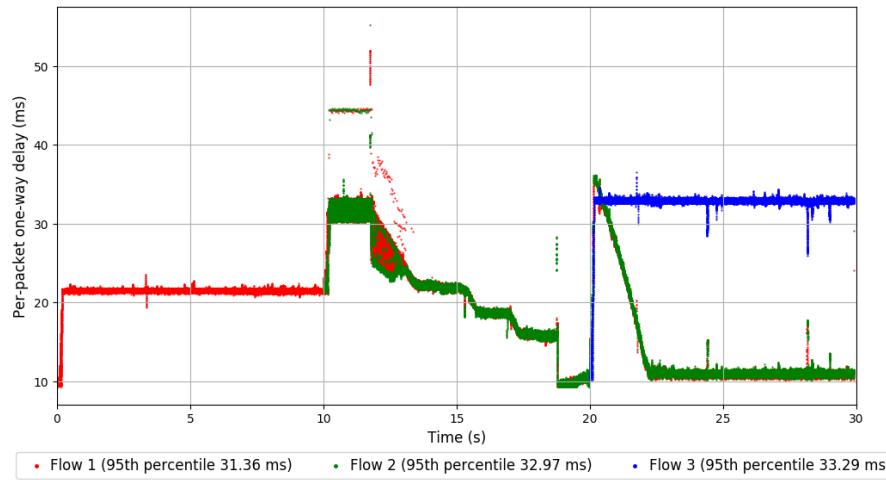
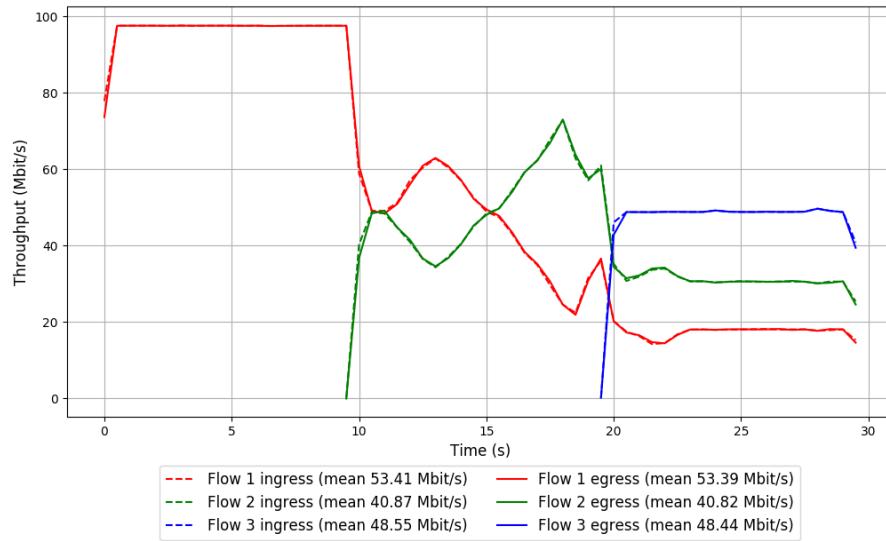


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:15:28 +0000
End at: Mon, 10 Jul 2017 00:15:58 +0000
Local clock offset: -2.209 ms
Remote clock offset: -20.612 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 33.158 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 53.39 Mbit/s
95th percentile per-packet one-way delay: 31.358 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.82 Mbit/s
95th percentile per-packet one-way delay: 32.968 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 48.44 Mbit/s
95th percentile per-packet one-way delay: 33.289 ms
Loss rate: 0.48%
```

Run 5: Report of TCP Vegas — Data Link

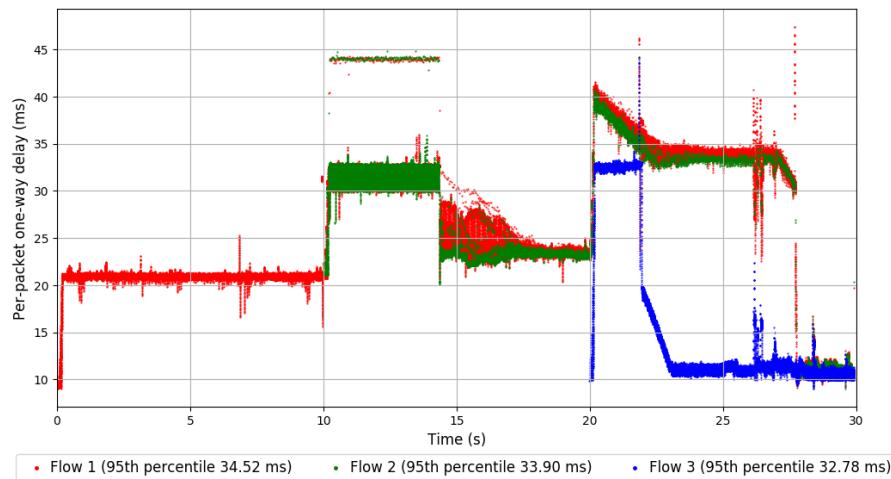
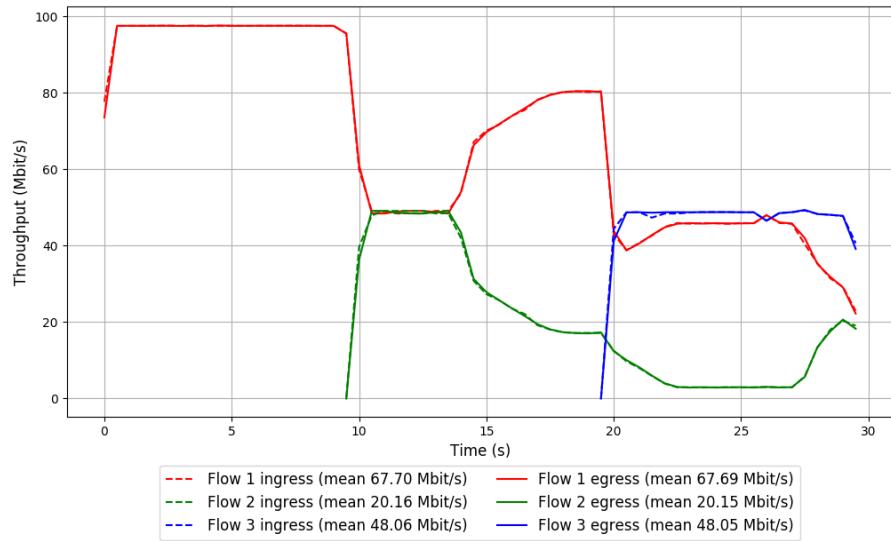


Run 6: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:33:34 +0000
End at: Mon, 10 Jul 2017 00:34:04 +0000
Local clock offset: 5.494 ms
Remote clock offset: -20.351 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 34.281 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 67.69 Mbit/s
95th percentile per-packet one-way delay: 34.524 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 33.899 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 48.05 Mbit/s
95th percentile per-packet one-way delay: 32.776 ms
Loss rate: 0.27%
```

Run 6: Report of TCP Vegas — Data Link

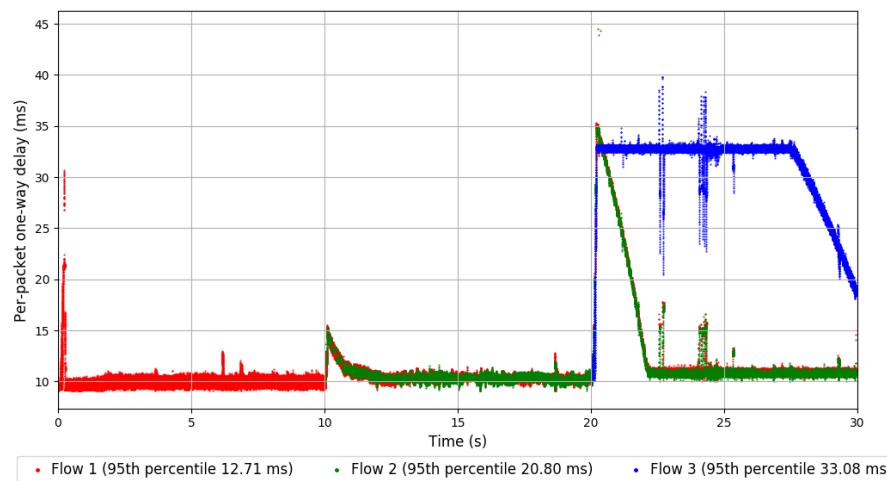
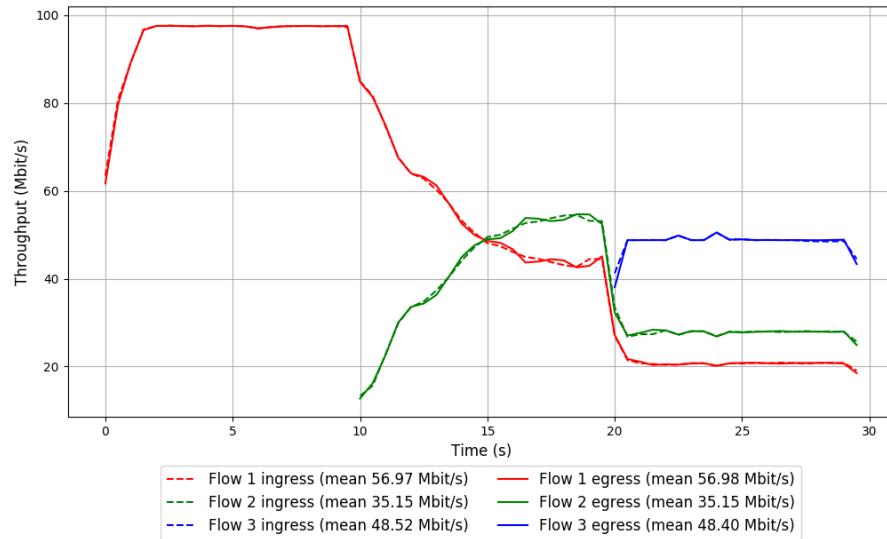


Run 7: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:51:37 +0000
End at: Mon, 10 Jul 2017 00:52:07 +0000
Local clock offset: 3.794 ms
Remote clock offset: -20.51 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.42 Mbit/s
95th percentile per-packet one-way delay: 32.902 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.98 Mbit/s
95th percentile per-packet one-way delay: 12.710 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.15 Mbit/s
95th percentile per-packet one-way delay: 20.797 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 48.40 Mbit/s
95th percentile per-packet one-way delay: 33.078 ms
Loss rate: 0.34%
```

Run 7: Report of TCP Vegas — Data Link

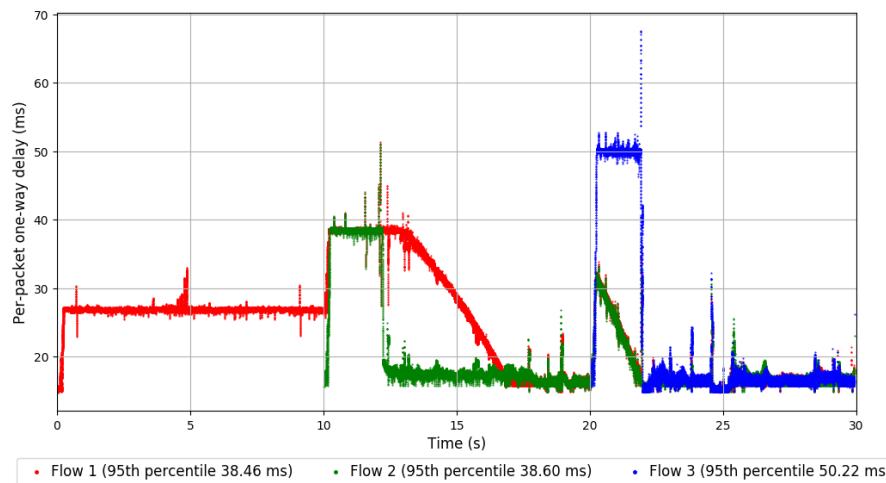
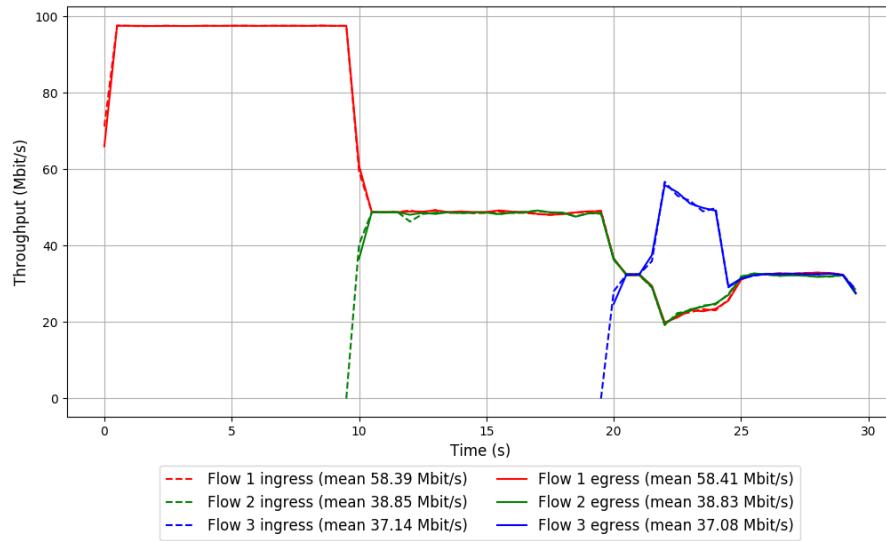


Run 8: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:09:48 +0000
End at: Mon, 10 Jul 2017 01:10:18 +0000
Local clock offset: 3.767 ms
Remote clock offset: -20.423 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 38.604 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 58.41 Mbit/s
95th percentile per-packet one-way delay: 38.462 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 38.596 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 50.218 ms
Loss rate: 0.36%
```

Run 8: Report of TCP Vegas — Data Link

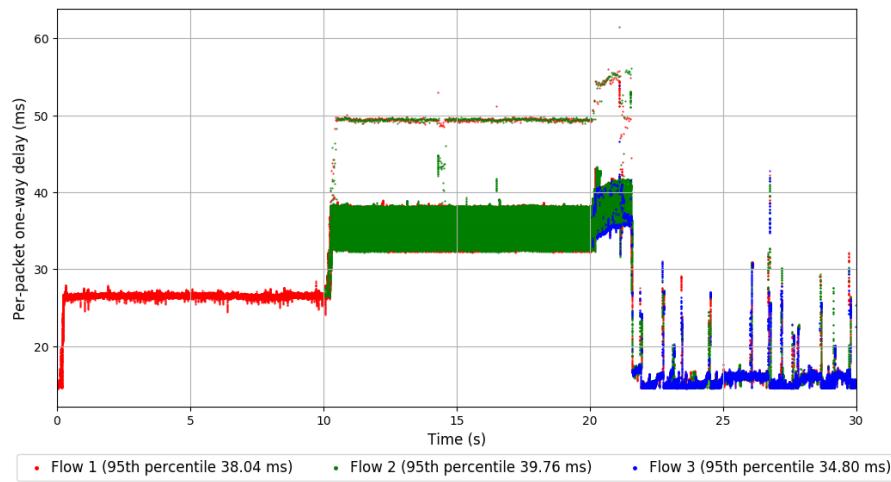
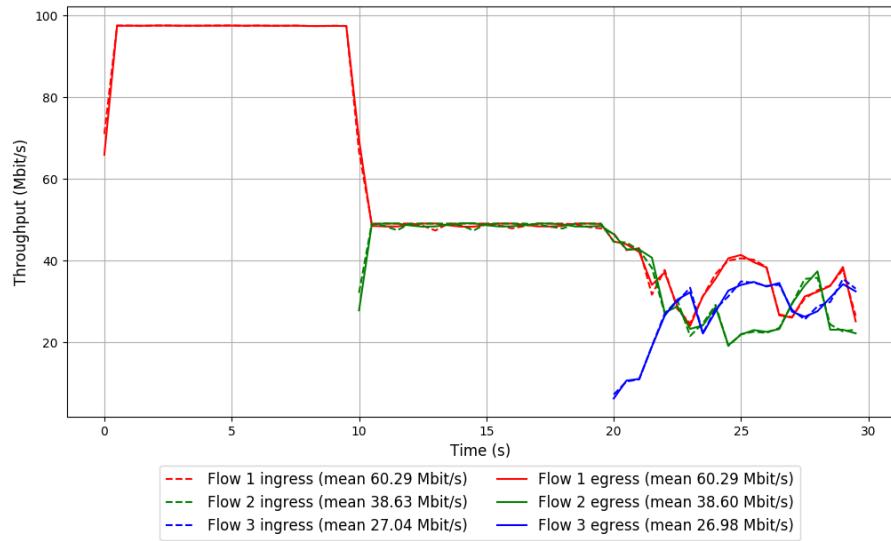


Run 9: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:28:16 +0000
End at: Mon, 10 Jul 2017 01:28:46 +0000
Local clock offset: -0.167 ms
Remote clock offset: -20.982 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.90 Mbit/s
95th percentile per-packet one-way delay: 38.119 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 60.29 Mbit/s
95th percentile per-packet one-way delay: 38.037 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 38.60 Mbit/s
95th percentile per-packet one-way delay: 39.762 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 26.98 Mbit/s
95th percentile per-packet one-way delay: 34.795 ms
Loss rate: 0.62%
```

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

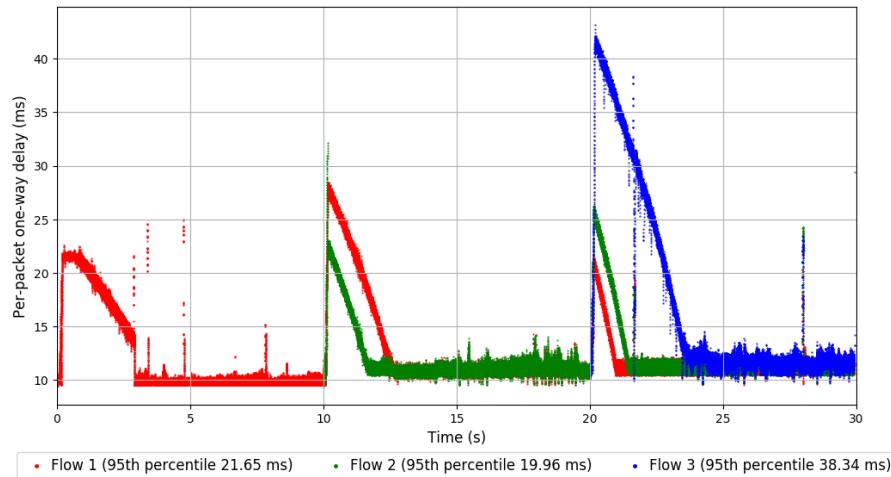
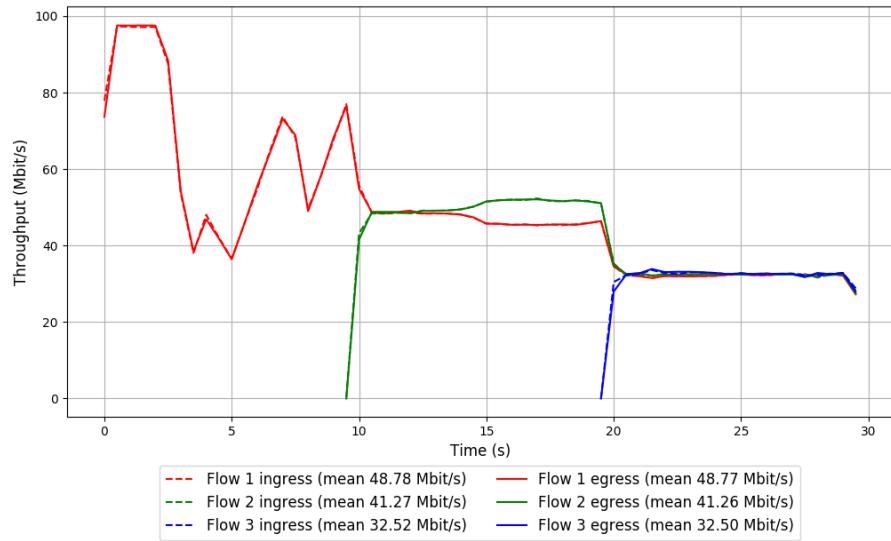


Run 10: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:46:22 +0000
End at: Mon, 10 Jul 2017 01:46:52 +0000
Local clock offset: 2.109 ms
Remote clock offset: -19.033 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.04 Mbit/s
95th percentile per-packet one-way delay: 23.001 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 48.77 Mbit/s
95th percentile per-packet one-way delay: 21.652 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 41.26 Mbit/s
95th percentile per-packet one-way delay: 19.964 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 38.337 ms
Loss rate: 0.26%
```

Run 10: Report of TCP Vegas — Data Link

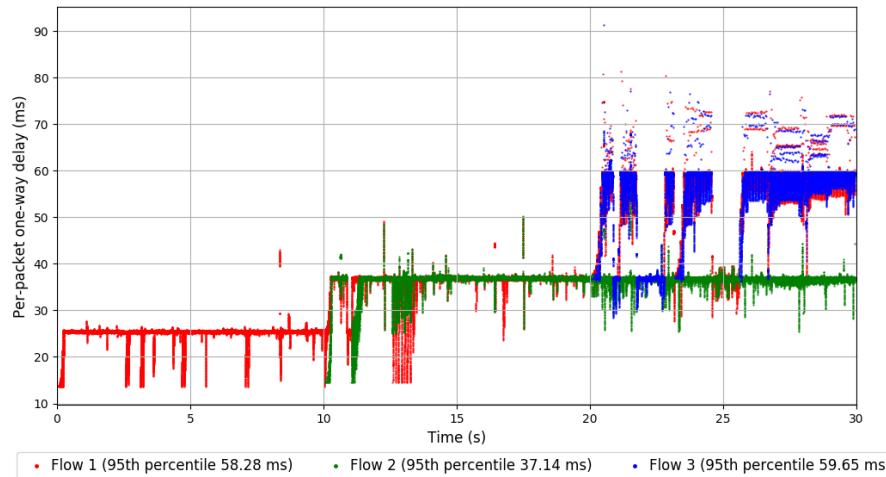
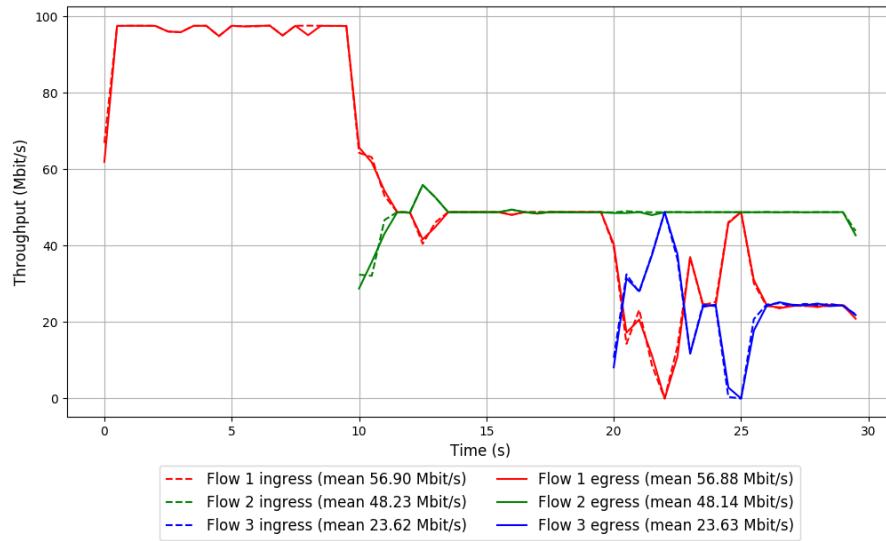


Run 1: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:12:47 +0000
End at: Sun, 09 Jul 2017 23:13:17 +0000
Local clock offset: 0.704 ms
Remote clock offset: -17.286 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 58.957 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 58.284 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 48.14 Mbit/s
95th percentile per-packet one-way delay: 37.143 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 59.653 ms
Loss rate: 0.74%
```

Run 1: Report of Verus — Data Link

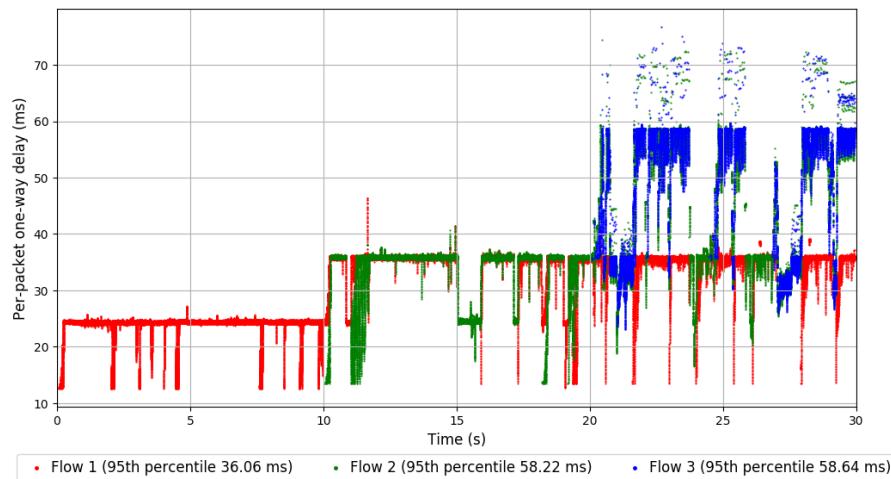
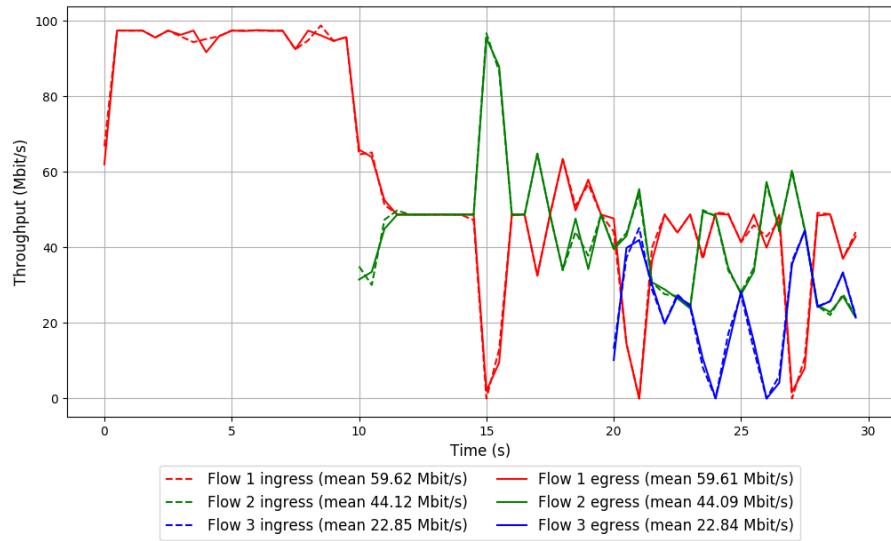


Run 2: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:30:45 +0000
End at: Sun, 09 Jul 2017 23:31:15 +0000
Local clock offset: -1.046 ms
Remote clock offset: -19.434 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 56.390 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 36.059 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 44.09 Mbit/s
95th percentile per-packet one-way delay: 58.223 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 22.84 Mbit/s
95th percentile per-packet one-way delay: 58.641 ms
Loss rate: 0.72%
```

Run 2: Report of Verus — Data Link

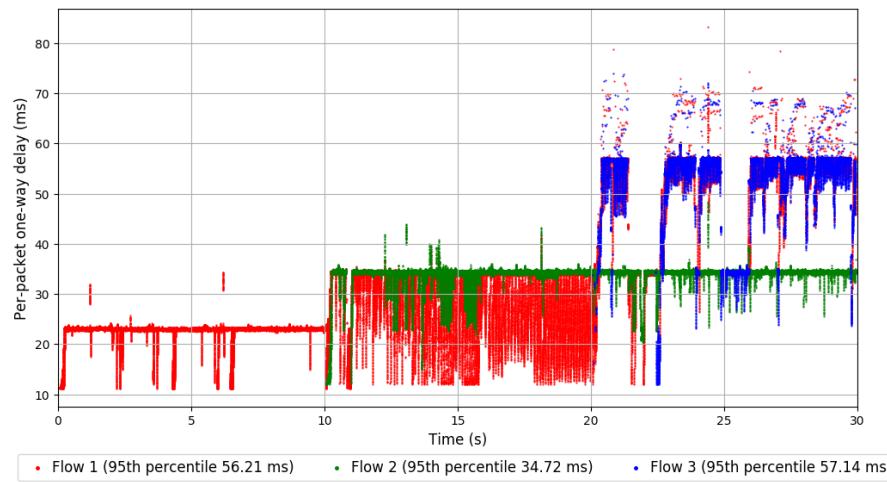
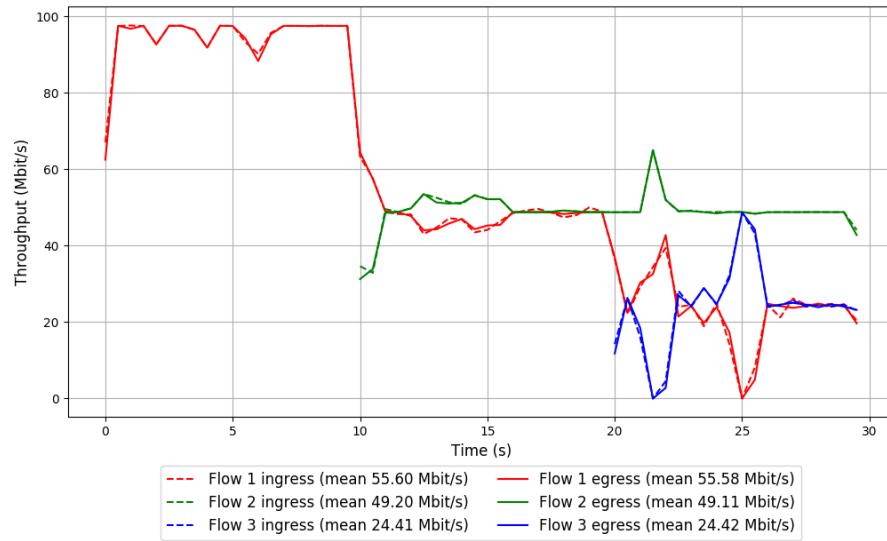


Run 3: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:48:47 +0000
End at: Sun, 09 Jul 2017 23:49:17 +0000
Local clock offset: 2.018 ms
Remote clock offset: -20.46 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 56.527 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 55.58 Mbit/s
95th percentile per-packet one-way delay: 56.208 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 34.719 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 57.141 ms
Loss rate: 0.58%
```

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

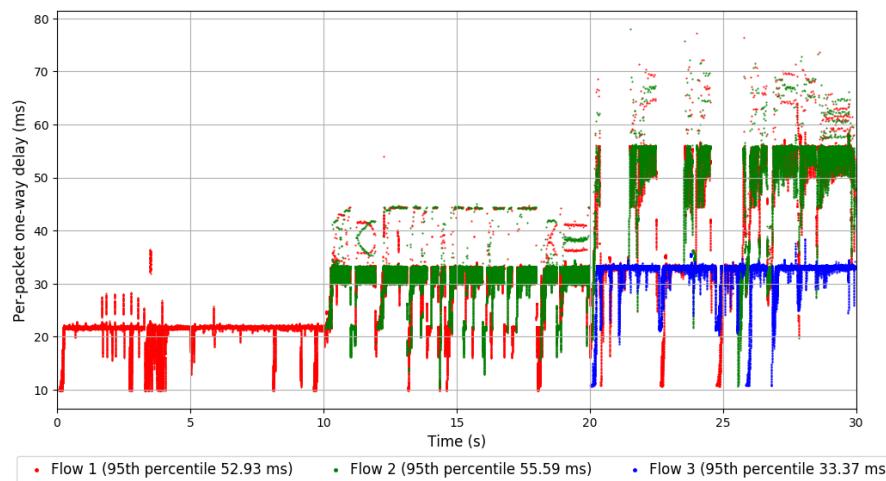
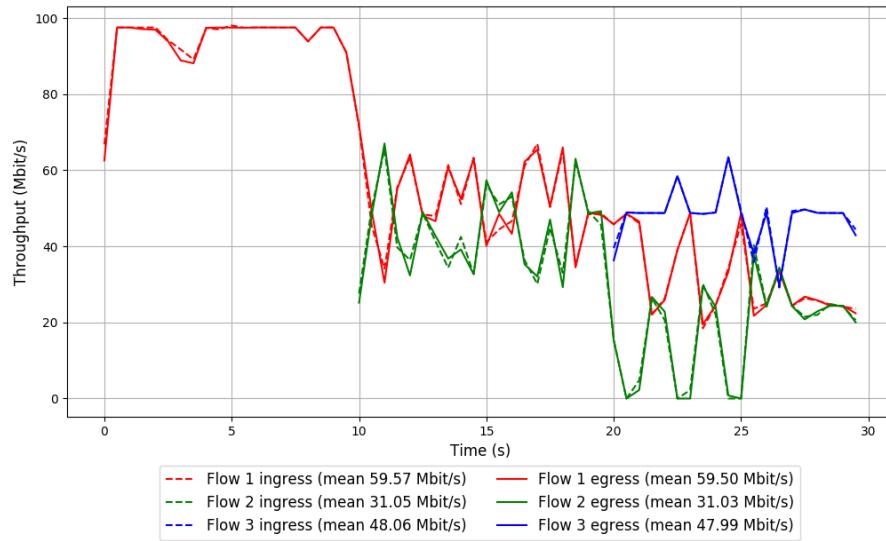


Run 4: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:06:58 +0000
End at: Mon, 10 Jul 2017 00:07:28 +0000
Local clock offset: 3.092 ms
Remote clock offset: -19.778 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 54.029 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 52.932 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 31.03 Mbit/s
95th percentile per-packet one-way delay: 55.595 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 47.99 Mbit/s
95th percentile per-packet one-way delay: 33.366 ms
Loss rate: 0.50%
```

Run 4: Report of Verus — Data Link

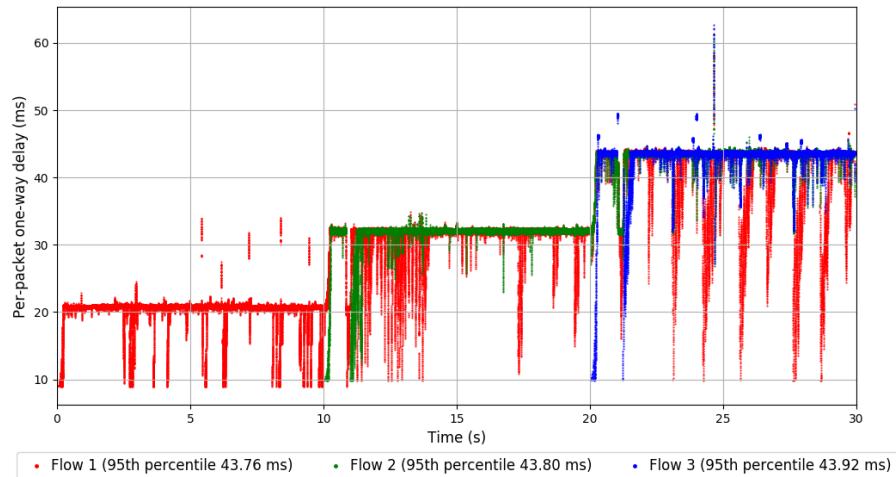
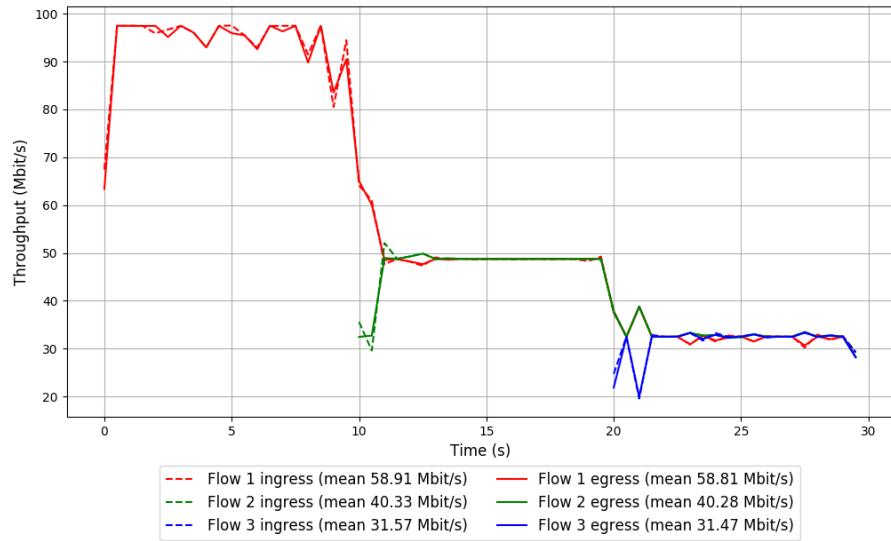


Run 5: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:25:03 +0000
End at: Mon, 10 Jul 2017 00:25:33 +0000
Local clock offset: 4.106 ms
Remote clock offset: -20.765 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 43.822 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 58.81 Mbit/s
95th percentile per-packet one-way delay: 43.757 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 40.28 Mbit/s
95th percentile per-packet one-way delay: 43.796 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 43.917 ms
Loss rate: 0.65%
```

Run 5: Report of Verus — Data Link

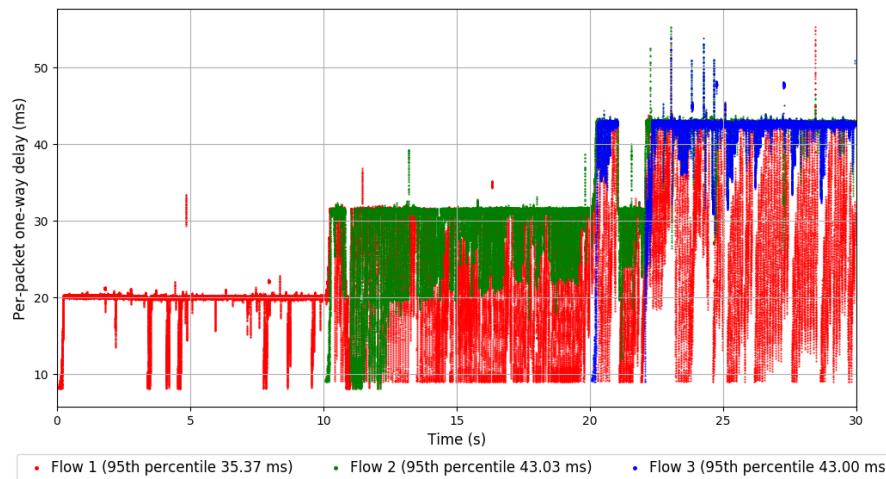
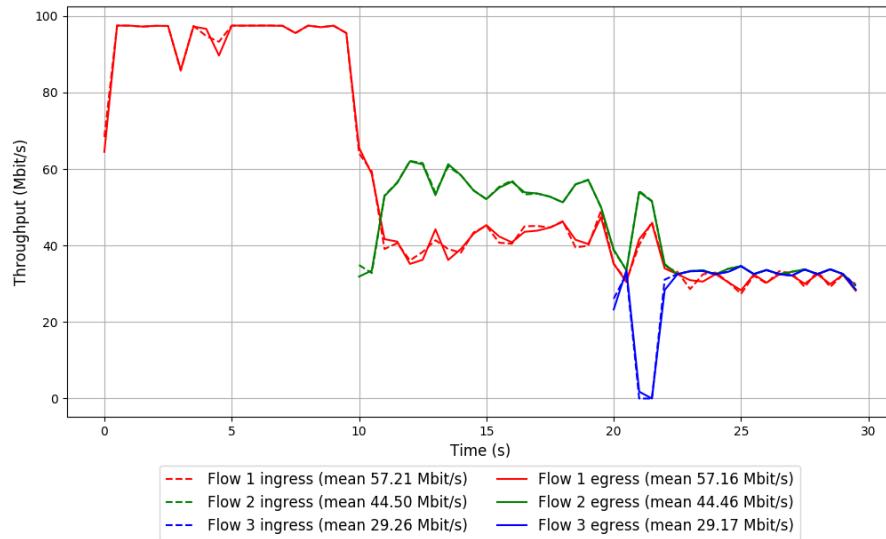


Run 6: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:43:07 +0000
End at: Mon, 10 Jul 2017 00:43:37 +0000
Local clock offset: 3.655 ms
Remote clock offset: -17.924 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 42.920 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 35.372 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 44.46 Mbit/s
95th percentile per-packet one-way delay: 43.027 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 29.17 Mbit/s
95th percentile per-packet one-way delay: 43.001 ms
Loss rate: 0.66%
```

Run 6: Report of Verus — Data Link

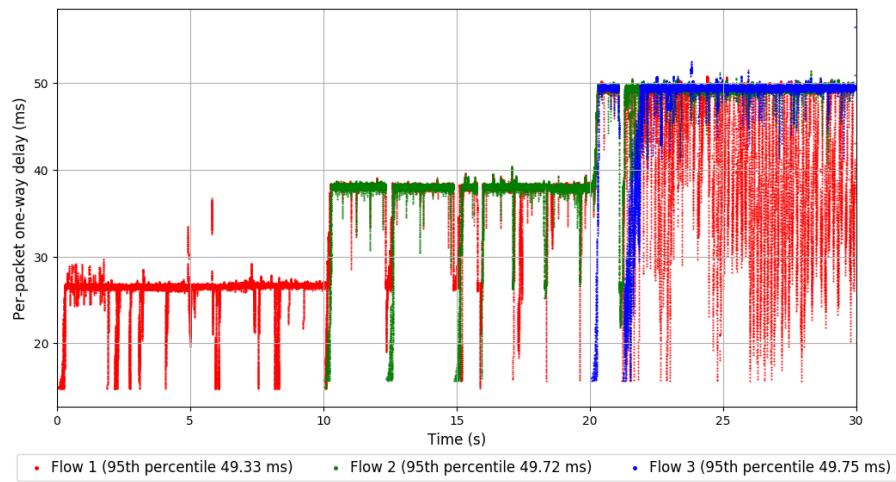
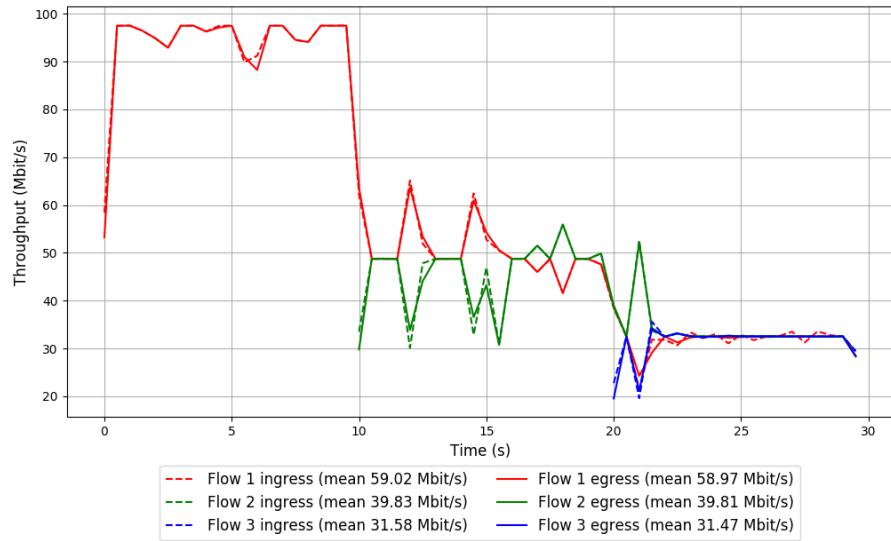


Run 7: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:01:15 +0000
End at: Mon, 10 Jul 2017 01:01:45 +0000
Local clock offset: 4.298 ms
Remote clock offset: -20.092 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 49.653 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 49.326 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 49.721 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 49.754 ms
Loss rate: 0.67%
```

## Run 7: Report of Verus — Data Link

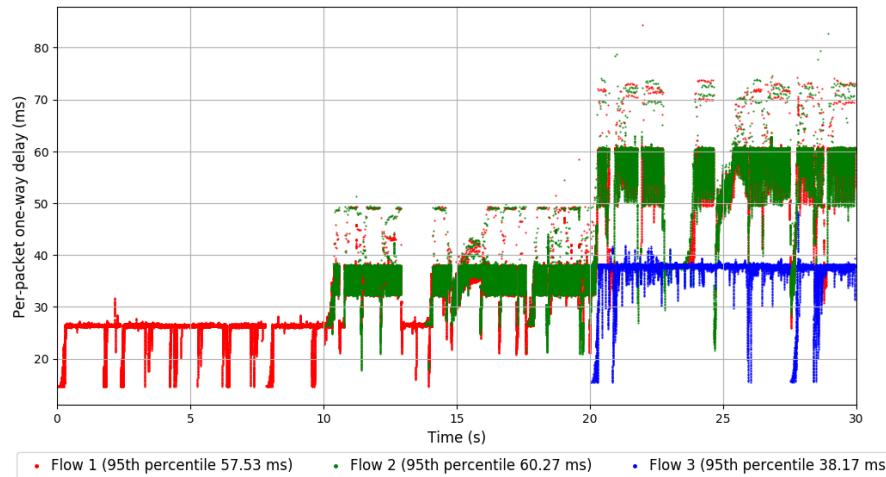
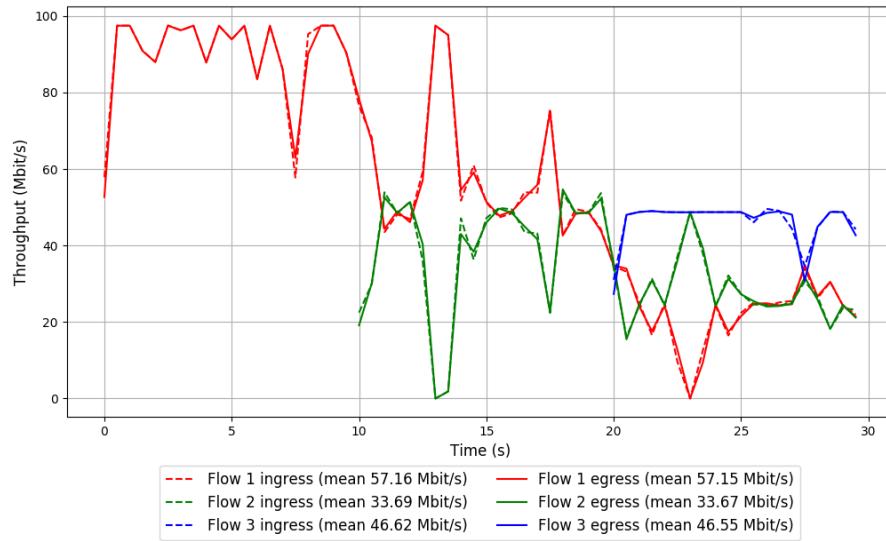


Run 8: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:19:18 +0000
End at: Mon, 10 Jul 2017 01:19:48 +0000
Local clock offset: 2.002 ms
Remote clock offset: -21.061 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 58.315 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 57.15 Mbit/s
95th percentile per-packet one-way delay: 57.529 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 33.67 Mbit/s
95th percentile per-packet one-way delay: 60.266 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 46.55 Mbit/s
95th percentile per-packet one-way delay: 38.170 ms
Loss rate: 0.57%
```

Run 8: Report of Verus — Data Link

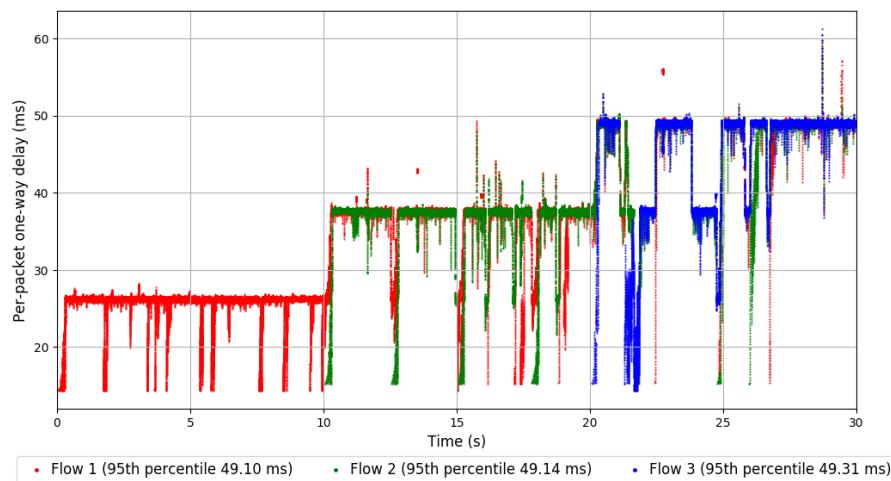
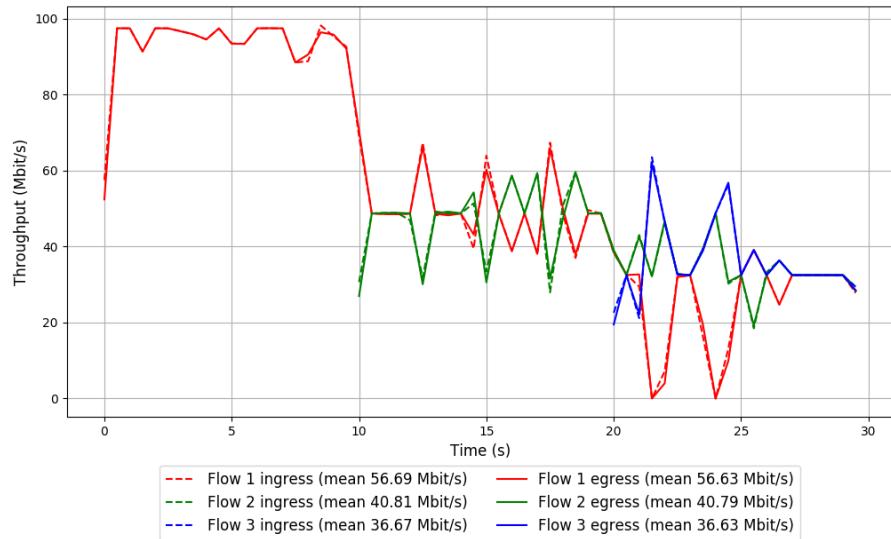


Run 9: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:37:44 +0000
End at: Mon, 10 Jul 2017 01:38:14 +0000
Local clock offset: 2.243 ms
Remote clock offset: -20.289 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 49.175 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.63 Mbit/s
95th percentile per-packet one-way delay: 49.104 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 49.140 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 49.313 ms
Loss rate: 0.57%
```

Run 9: Report of Verus — Data Link

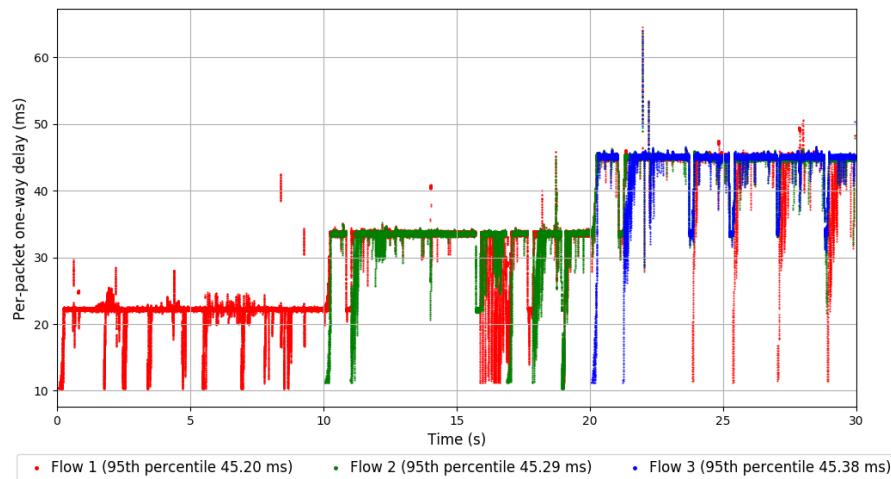
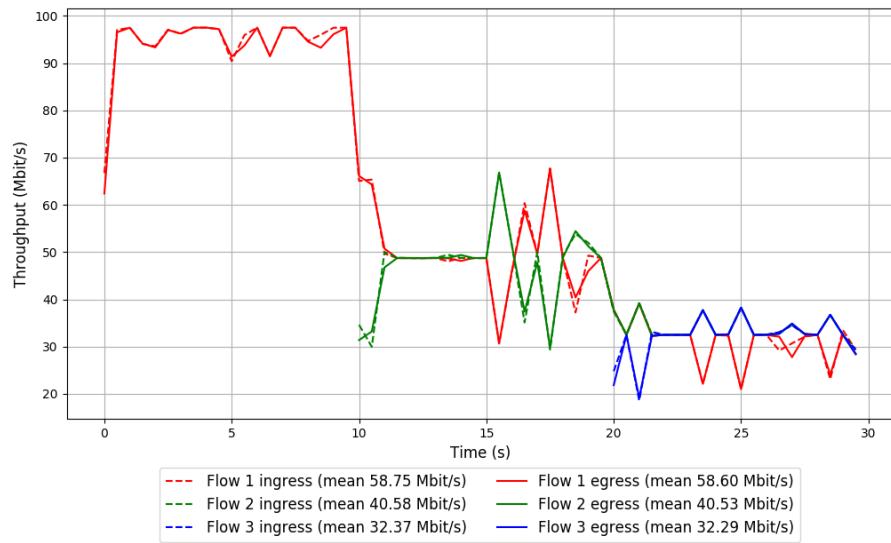


Run 10: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:56:11 +0000
End at: Mon, 10 Jul 2017 01:56:41 +0000
Local clock offset: 1.692 ms
Remote clock offset: -18.501 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 45.299 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 58.60 Mbit/s
95th percentile per-packet one-way delay: 45.196 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 45.292 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 45.377 ms
Loss rate: 0.64%
```

Run 10: Report of Verus — Data Link

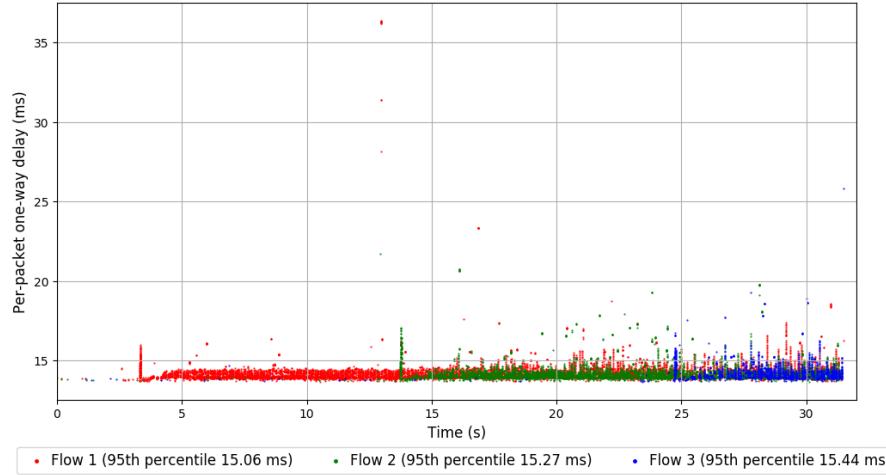
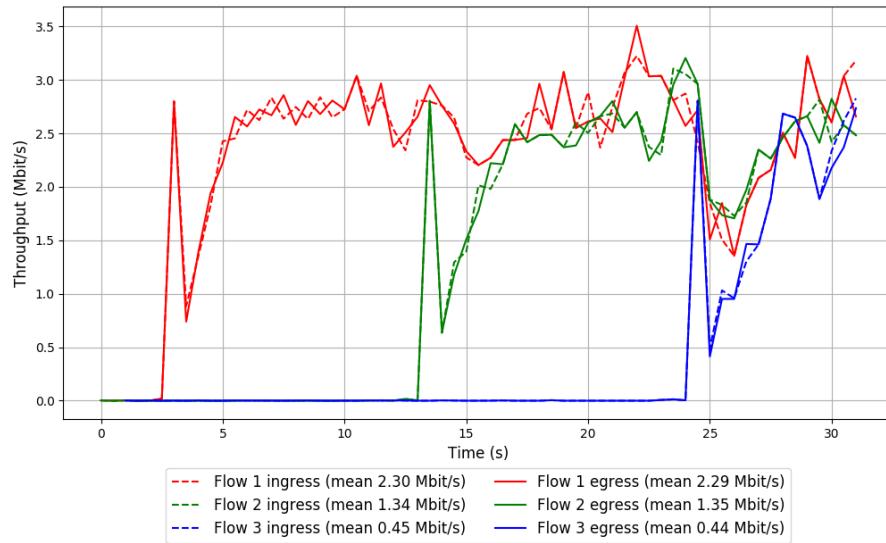


```
Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:06:43 +0000
End at: Sun, 09 Jul 2017 23:07:13 +0000
Local clock offset: -0.883 ms
Remote clock offset: -16.361 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.06 Mbit/s
95th percentile per-packet one-way delay: 15.215 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 15.064 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 15.269 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 15.437 ms
Loss rate: 1.82%
```

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

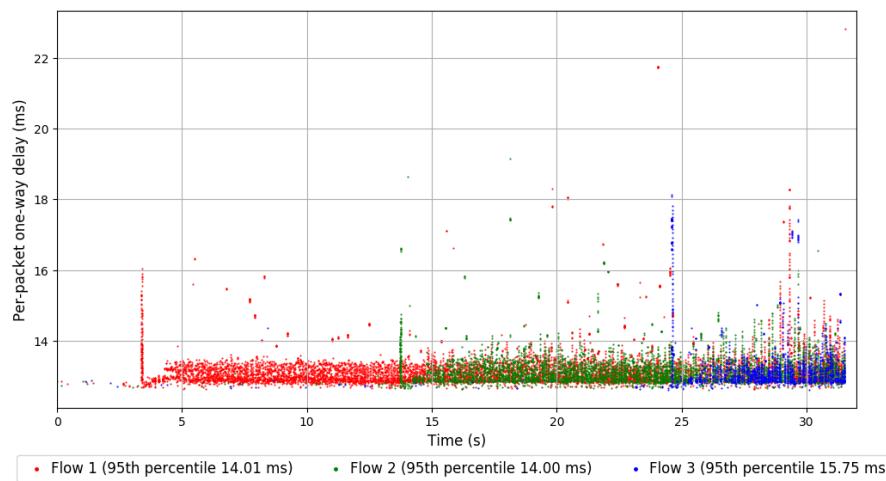
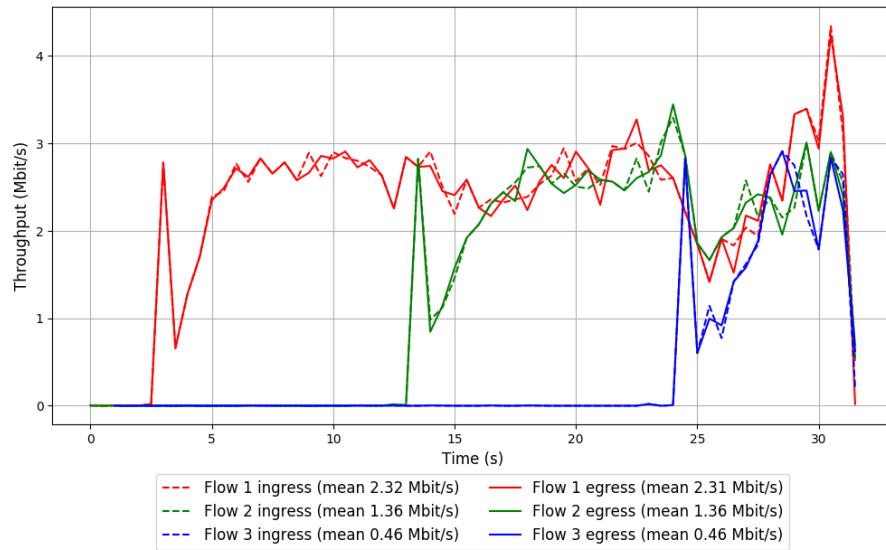


```
Run 2: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:24:45 +0000
End at: Sun, 09 Jul 2017 23:25:15 +0000
Local clock offset: -0.662 ms
Remote clock offset: -17.908 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 14.094 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 14.007 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 13.997 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 15.750 ms
Loss rate: 0.00%
```

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

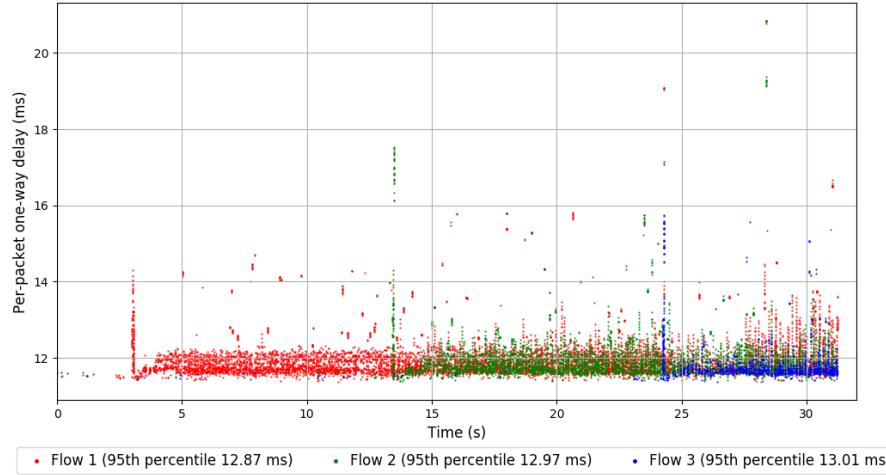
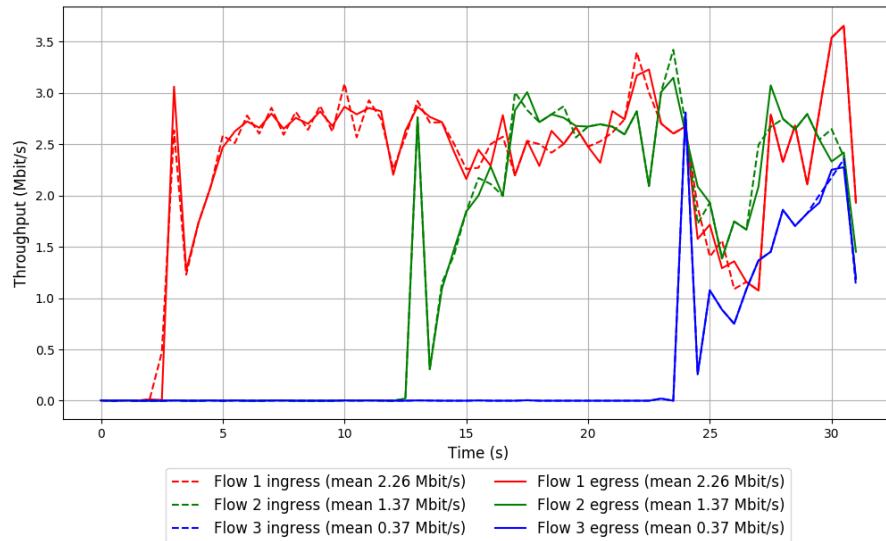


```
Run 3: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:42:40 +0000
End at: Sun, 09 Jul 2017 23:43:10 +0000
Local clock offset: 1.676 ms
Remote clock offset: -18.475 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 12.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 12.868 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 12.972 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 13.012 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

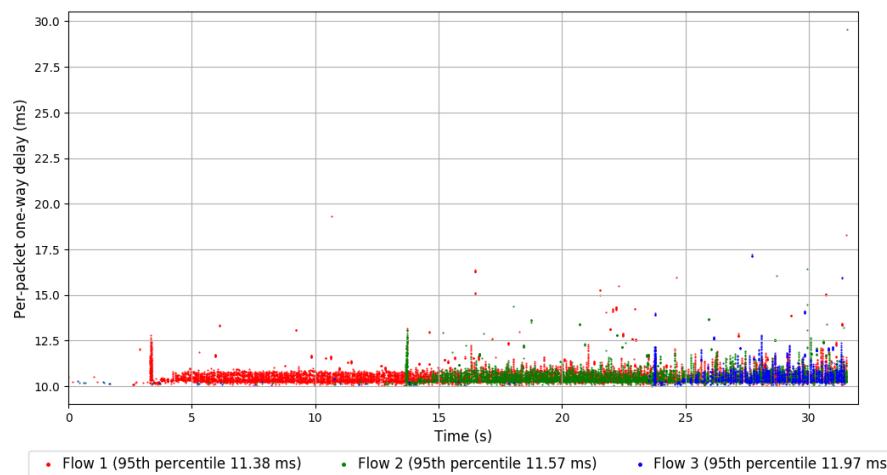
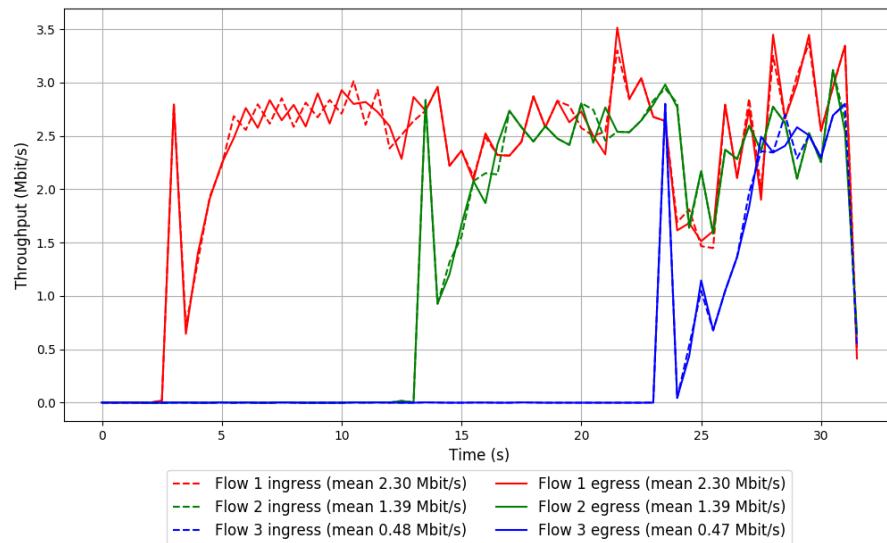


Run 4: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:00:52 +0000
End at: Mon, 10 Jul 2017 00:01:22 +0000
Local clock offset: 2.6 ms
Remote clock offset: -19.749 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 11.528 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 11.385 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 11.572 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 11.967 ms
Loss rate: 1.73%
```

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

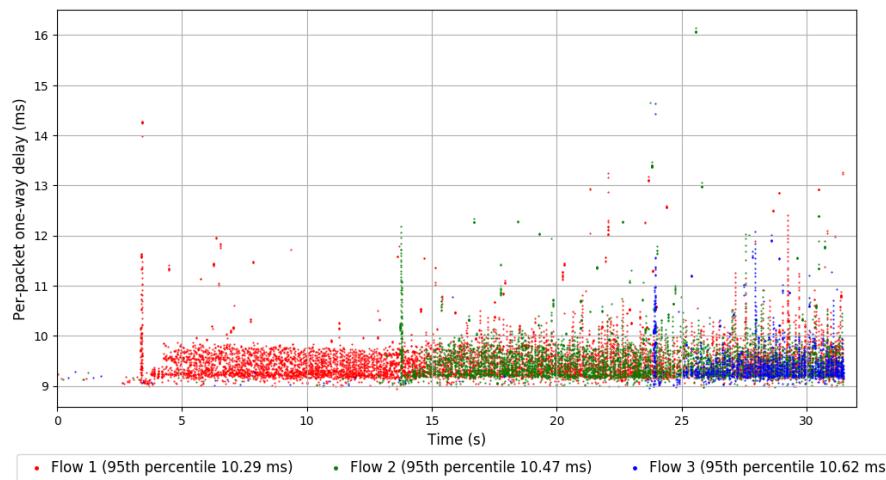
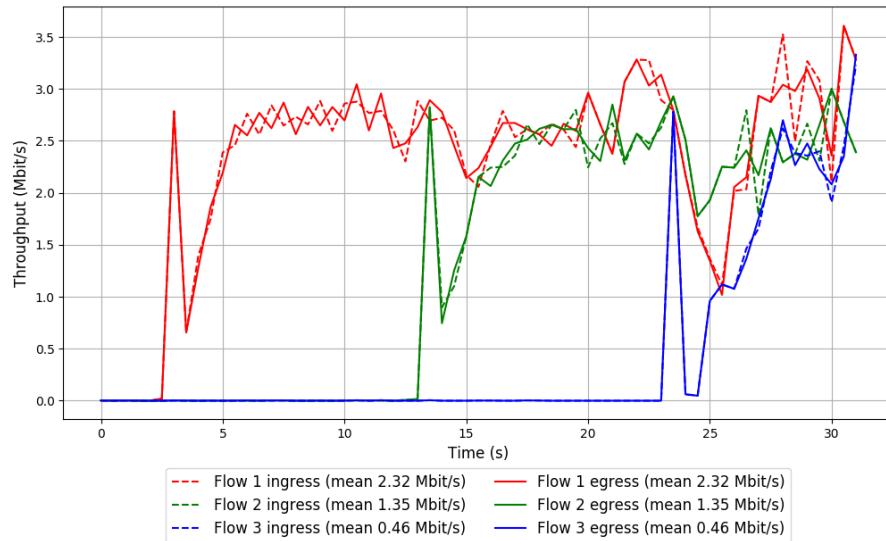


Run 5: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:18:56 +0000
End at: Mon, 10 Jul 2017 00:19:26 +0000
Local clock offset: 4.253 ms
Remote clock offset: -20.769 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 10.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 10.285 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 10.472 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 10.615 ms
Loss rate: 0.00%
```

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

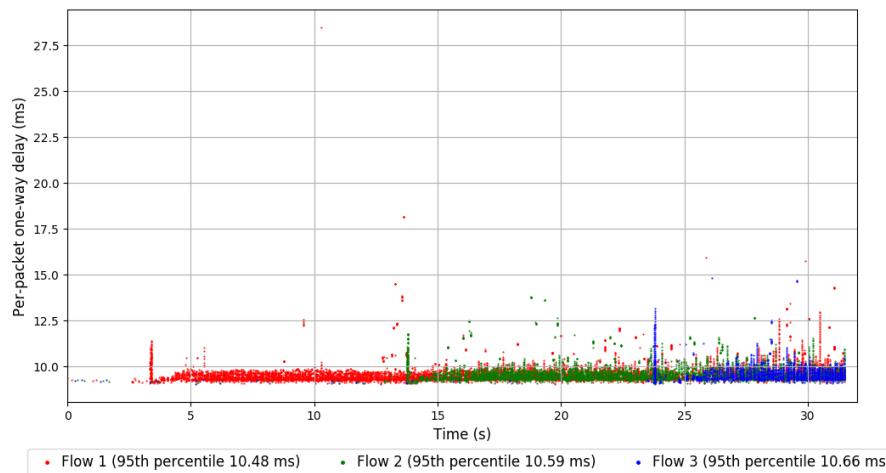
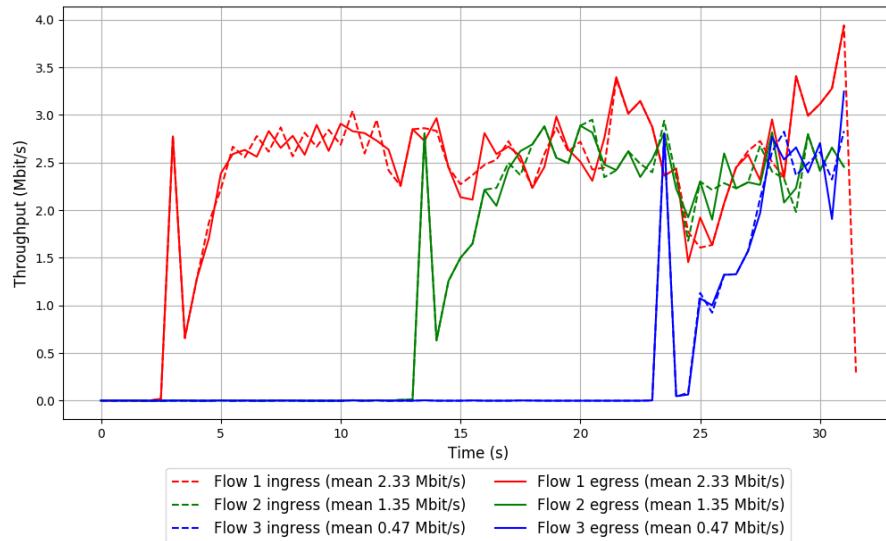


Run 6: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:37:03 +0000
End at: Mon, 10 Jul 2017 00:37:33 +0000
Local clock offset: 2.859 ms
Remote clock offset: -20.701 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 10.543 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 10.476 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 10.585 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 10.659 ms
Loss rate: 0.00%
```

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

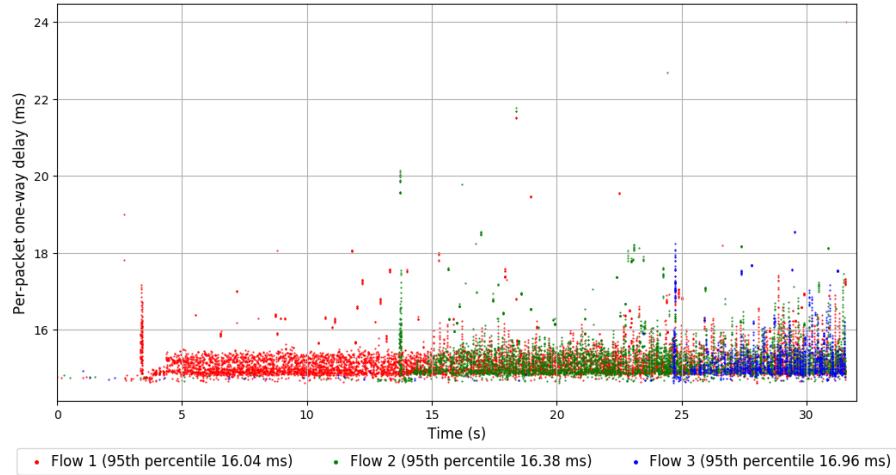
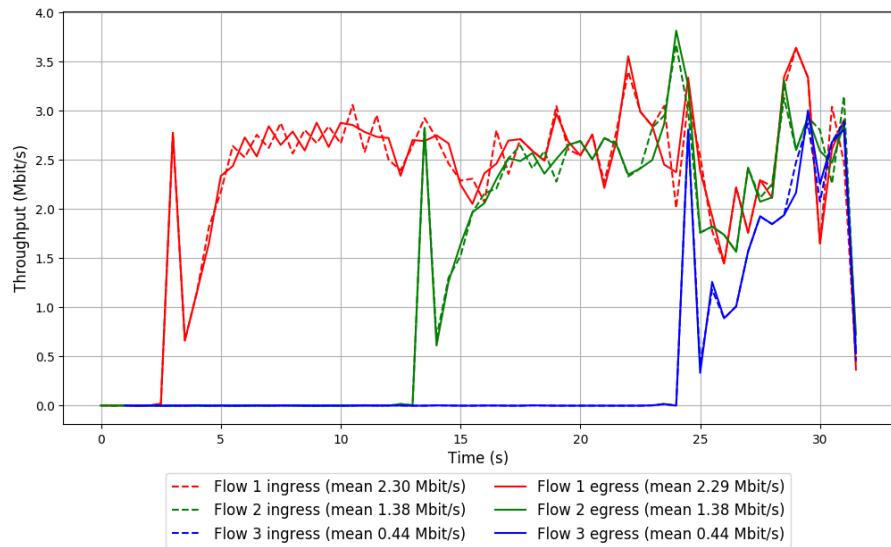


Run 7: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:55:06 +0000
End at: Mon, 10 Jul 2017 00:55:36 +0000
Local clock offset: 3.656 ms
Remote clock offset: -18.811 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 16.229 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 16.041 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 16.377 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 16.964 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

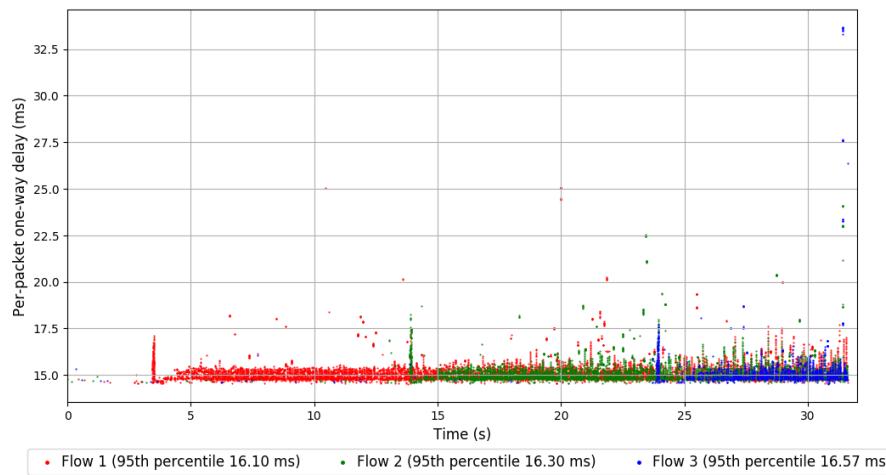
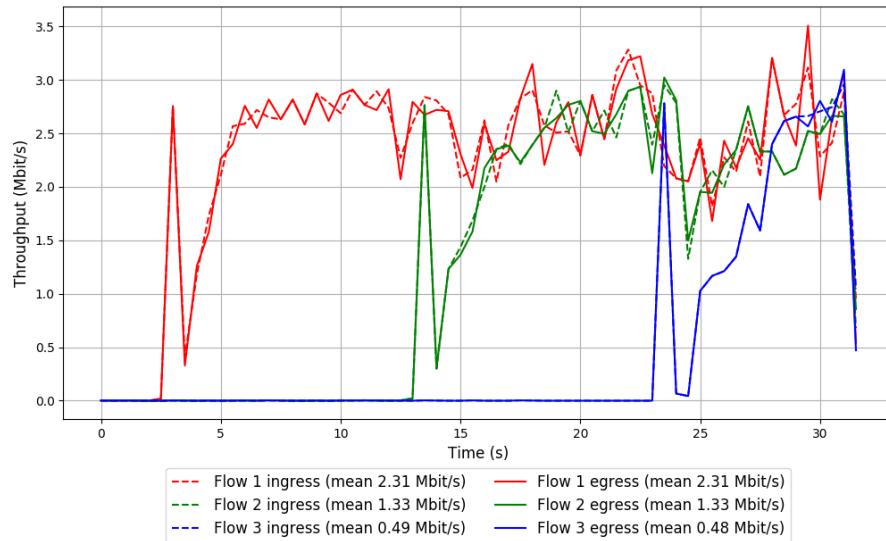


Run 8: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:13:19 +0000
End at: Mon, 10 Jul 2017 01:13:49 +0000
Local clock offset: 3.588 ms
Remote clock offset: -20.968 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 16.229 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 16.104 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 16.305 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 16.566 ms
Loss rate: 1.85%
```

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

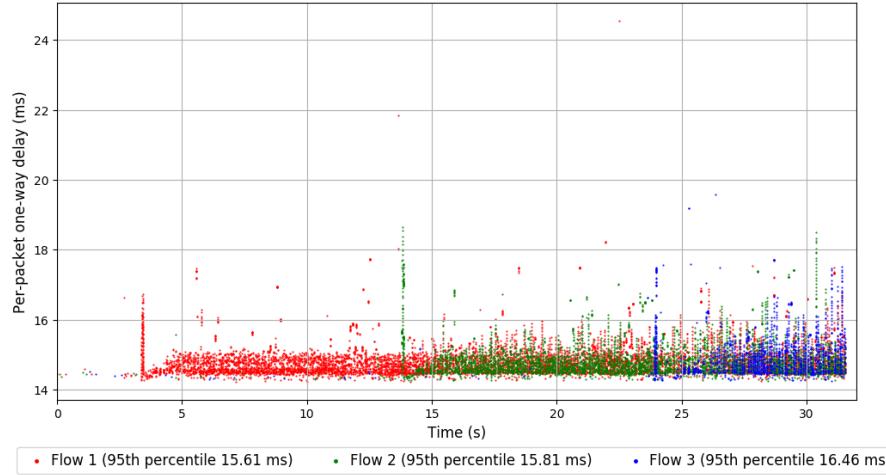
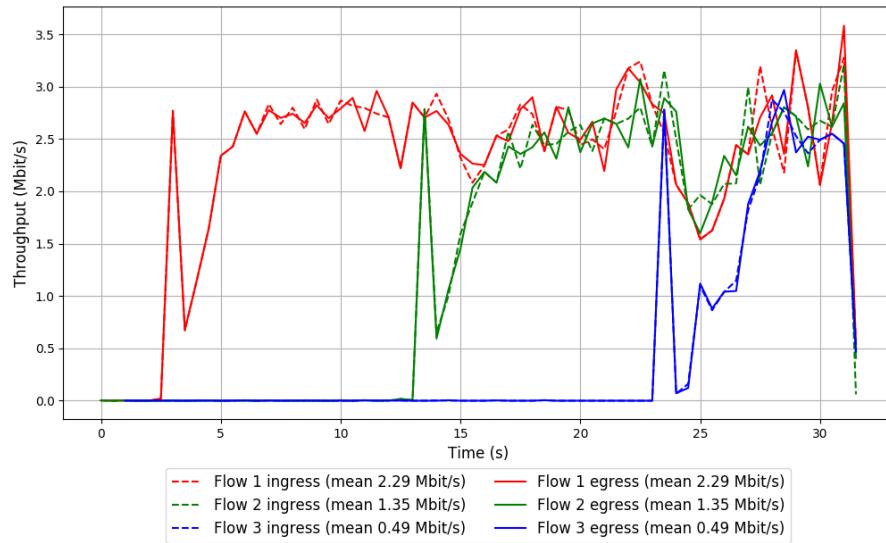


Run 9: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:31:50 +0000
End at: Mon, 10 Jul 2017 01:32:20 +0000
Local clock offset: 0.249 ms
Remote clock offset: -21.146 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 15.800 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 15.608 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 15.812 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 16.461 ms
Loss rate: 0.00%
```

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



```
Run 10: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 01:49:53 +0000
End at: Mon, 10 Jul 2017 01:50:23 +0000
Local clock offset: 3.769 ms
Remote clock offset: -21.124 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 11.296 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 11.178 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 11.255 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 12.003 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

