

**Pantheon Summary** (Generated at Mon, 10 Jul 2017 02:56:58 +0000 with pantheon version c3610718e2bbac84102e8ac47b889a75d4392d79)

Repeated the test of 15 congestion control schemes 10 times.

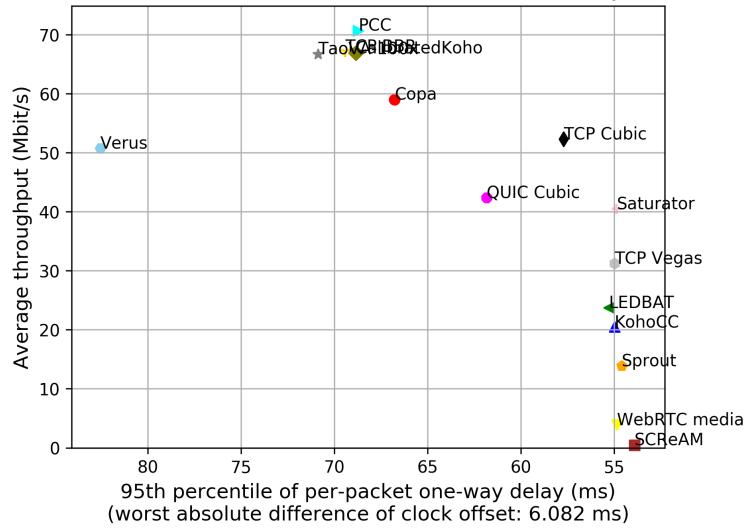
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path **from** Colombia Ethernet **to** AWS Brazil 2 Ethernet.

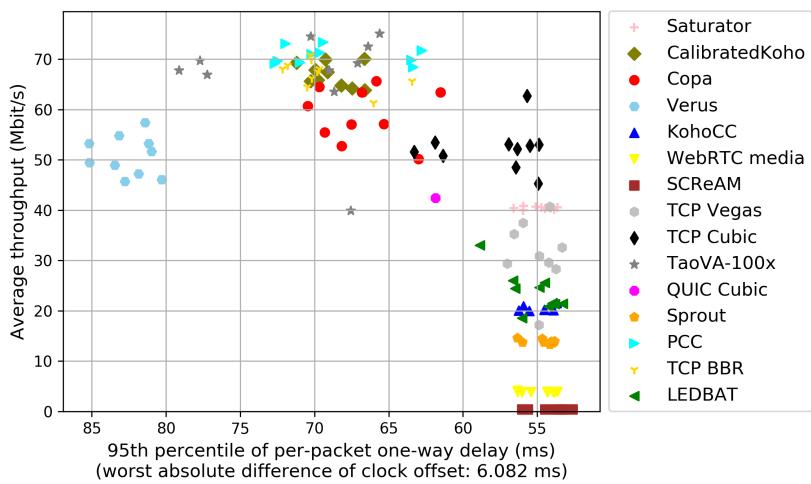
NTP offset measured against gps.ntp.br.

```
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 Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme  
3 flows with 10s interval between flows (mean of all runs by scheme)



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



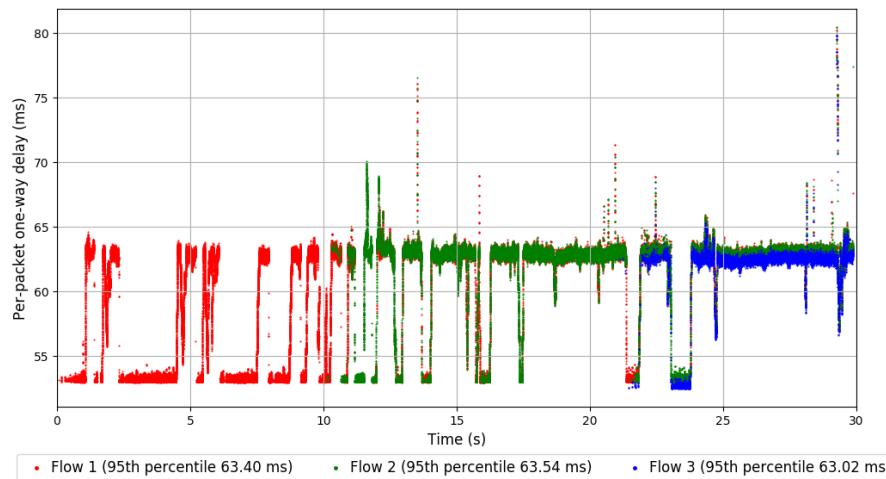
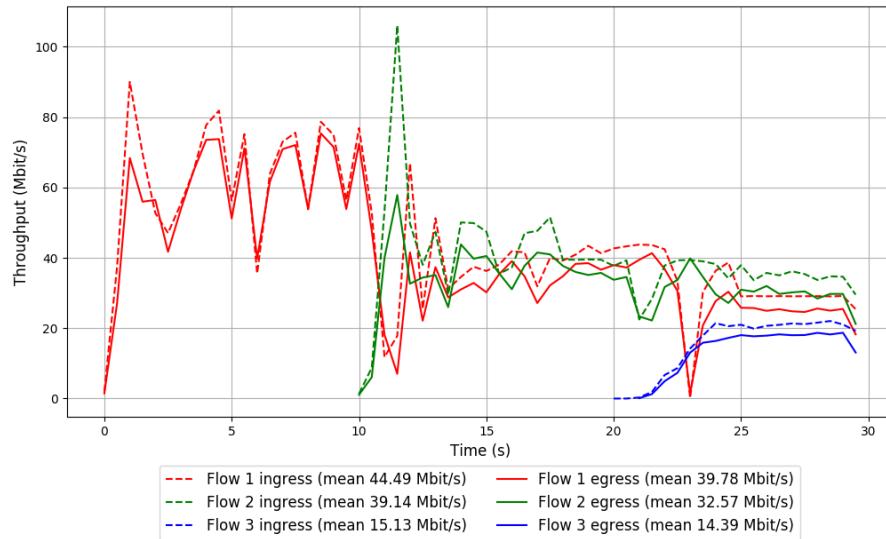
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	42.05	30.67	13.13	69.24	69.41	69.25	9.92	12.55	16.00
CalibratedKoho	10	49.09	20.36	12.99	67.78	68.57	69.99	3.45	4.23	5.23
Copa	10	33.70	25.87	24.58	65.69	65.02	67.54	8.86	10.66	19.08
TCP Cubic	10	29.19	23.52	22.90	56.67	58.35	57.95	1.07	1.40	2.73
KohoCC	10	10.14	10.06	9.73	55.01	54.81	54.91	0.47	0.66	1.33
LEDBAT	10	13.88	10.93	7.95	55.25	54.76	55.80	0.77	1.04	2.08
PCC	10	53.67	20.53	10.36	68.74	68.27	68.22	9.08	7.94	6.84
QUIC Cubic	10	38.08	42.93	39.07	62.22	61.14	61.78	1.98	1.11	3.40
Saturator	10	20.40	20.28	20.11	54.86	54.67	55.05	0.44	0.65	1.27
SCReAM	10	0.22	0.22	0.22	53.65	53.94	53.71	0.38	0.63	1.00
Sprout	10	7.21	6.89	6.49	54.22	54.55	54.67	0.44	0.79	1.65
TaoVA-100x	10	52.60	18.30	5.91	70.21	72.35	70.08	16.17	18.37	21.54
TCP Vegas	10	13.76	18.25	20.26	661.96	54.88	55.19	1.30	1.31	2.67
Verus	10	35.44	18.23	10.45	81.02	79.83	79.80	69.34	49.30	53.03
WebRTC media	10	2.24	1.32	0.34	54.68	54.93	54.98	0.50	0.69	2.89

Run 1: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:11:39 +0000
End at: Sun, 09 Jul 2017 23:12:09 +0000
Local clock offset: 0.474 ms
Remote clock offset: -4.62 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.66 Mbit/s
95th percentile per-packet one-way delay: 63.441 ms
Loss rate: 13.42%
-- Flow 1:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 63.401 ms
Loss rate: 10.92%
-- Flow 2:
Average throughput: 32.57 Mbit/s
95th percentile per-packet one-way delay: 63.539 ms
Loss rate: 17.22%
-- Flow 3:
Average throughput: 14.39 Mbit/s
95th percentile per-packet one-way delay: 63.020 ms
Loss rate: 15.90%
```

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

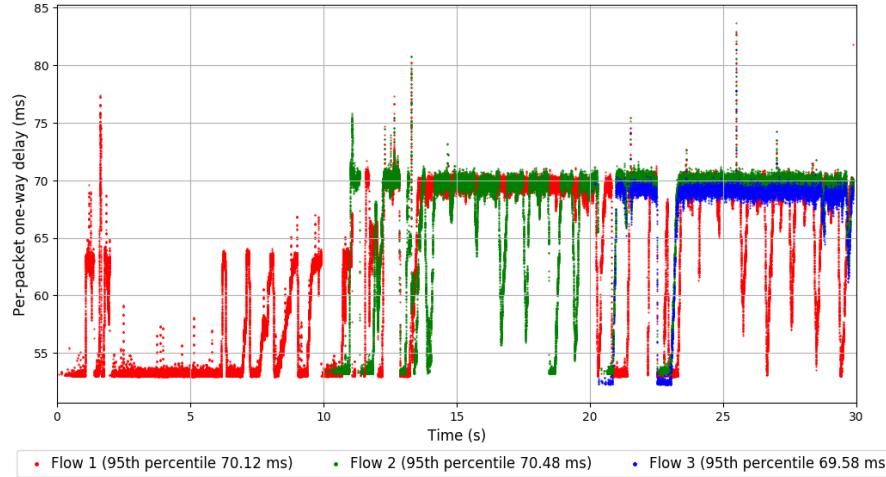
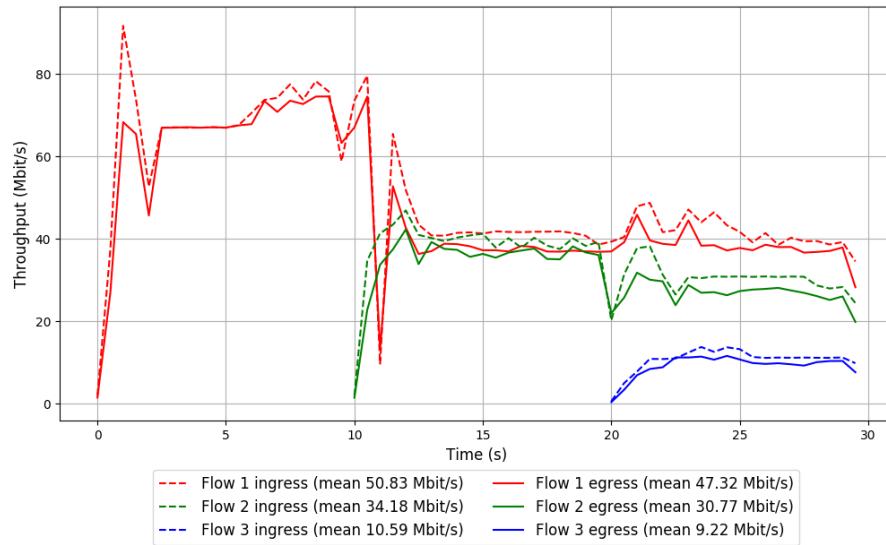


Run 2: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:30:25 +0000
End at: Sun, 09 Jul 2017 23:30:55 +0000
Local clock offset: 0.515 ms
Remote clock offset: -4.718 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:47:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.79 Mbit/s
95th percentile per-packet one-way delay: 70.283 ms
Loss rate: 8.52%
-- Flow 1:
Average throughput: 47.32 Mbit/s
95th percentile per-packet one-way delay: 70.118 ms
Loss rate: 7.24%
-- Flow 2:
Average throughput: 30.77 Mbit/s
95th percentile per-packet one-way delay: 70.480 ms
Loss rate: 10.51%
-- Flow 3:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 69.583 ms
Loss rate: 14.06%
```

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

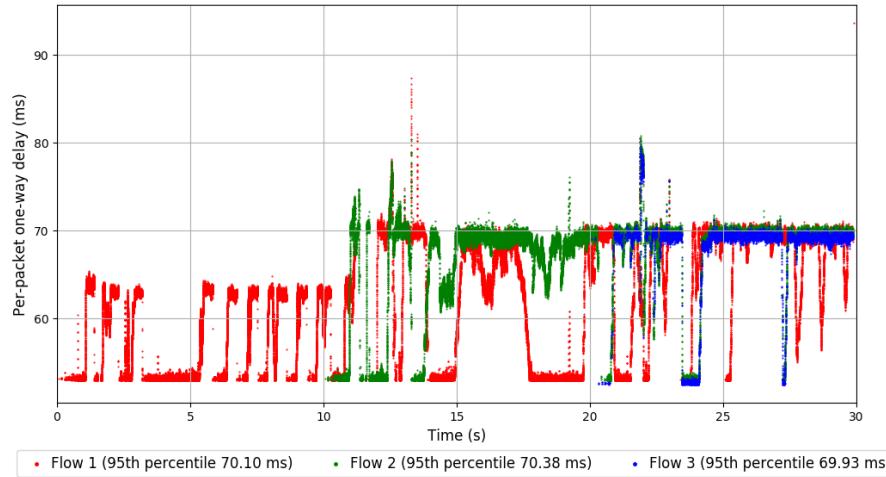
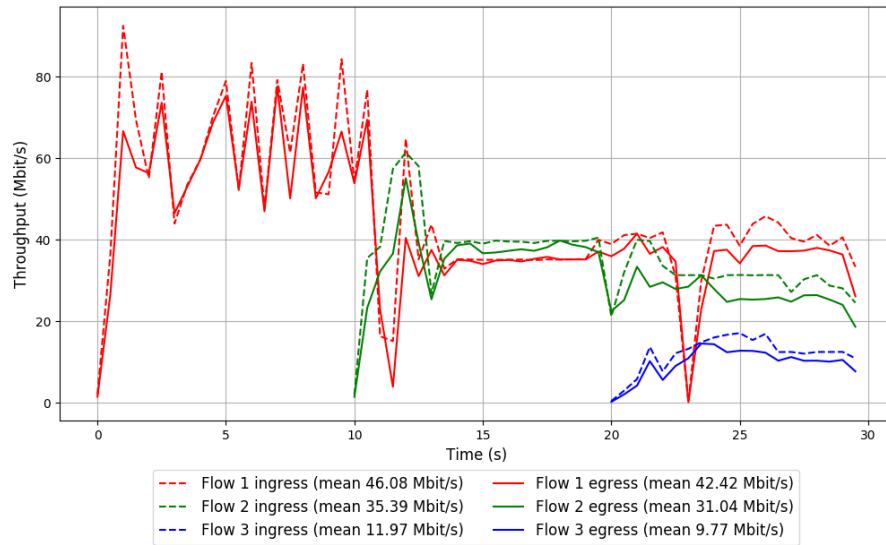


Run 3: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:48:46 +0000
End at: Sun, 09 Jul 2017 23:49:16 +0000
Local clock offset: 0.503 ms
Remote clock offset: -4.965 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.23 Mbit/s
95th percentile per-packet one-way delay: 70.184 ms
Loss rate: 10.31%
-- Flow 1:
Average throughput: 42.42 Mbit/s
95th percentile per-packet one-way delay: 70.099 ms
Loss rate: 8.24%
-- Flow 2:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 70.381 ms
Loss rate: 12.83%
-- Flow 3:
Average throughput: 9.77 Mbit/s
95th percentile per-packet one-way delay: 69.932 ms
Loss rate: 19.51%
```

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

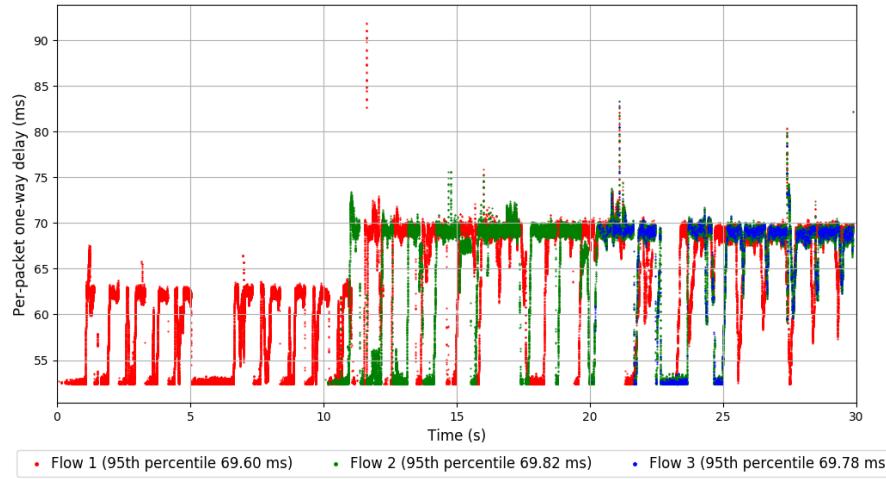
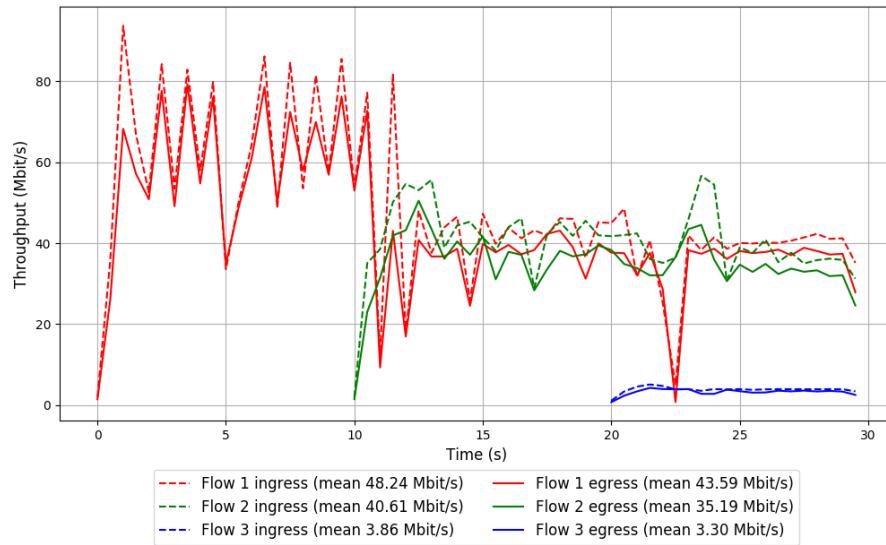


Run 4: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:07:11 +0000
End at: Mon, 10 Jul 2017 00:07:41 +0000
Local clock offset: 0.549 ms
Remote clock offset: -5.305 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.06 Mbit/s
95th percentile per-packet one-way delay: 69.681 ms
Loss rate: 11.40%
-- Flow 1:
Average throughput: 43.59 Mbit/s
95th percentile per-packet one-way delay: 69.604 ms
Loss rate: 9.96%
-- Flow 2:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 69.820 ms
Loss rate: 13.80%
-- Flow 3:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 69.776 ms
Loss rate: 15.43%
```

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

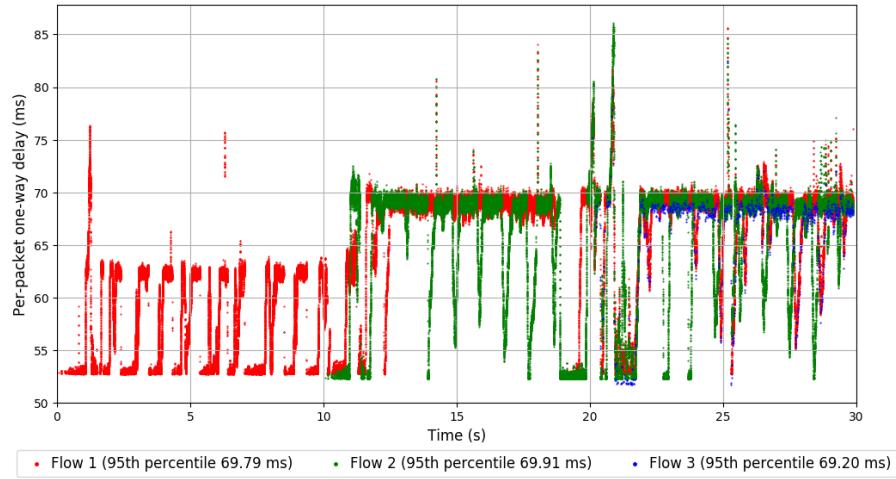
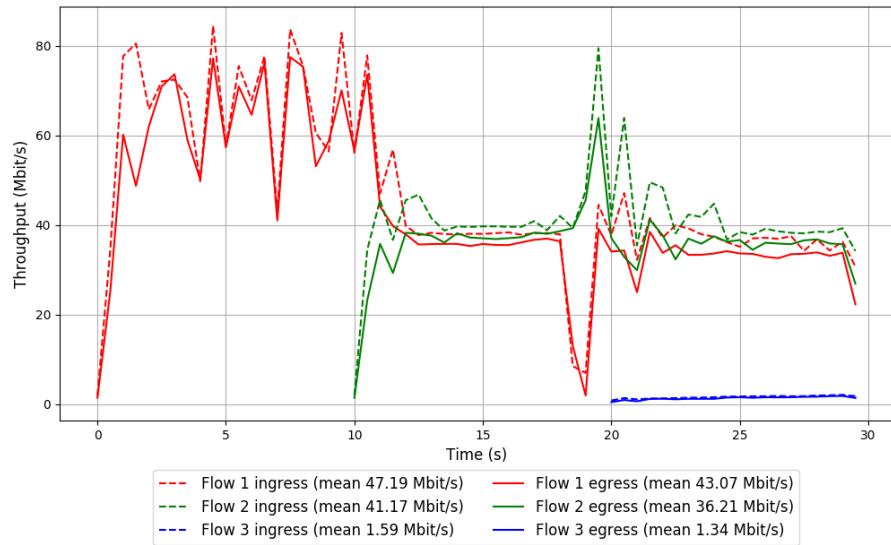


Run 5: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:25:50 +0000
End at: Mon, 10 Jul 2017 00:26:20 +0000
Local clock offset: 0.565 ms
Remote clock offset: -5.517 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.57 Mbit/s
95th percentile per-packet one-way delay: 69.820 ms
Loss rate: 10.39%
-- Flow 1:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 69.790 ms
Loss rate: 9.07%
-- Flow 2:
Average throughput: 36.21 Mbit/s
95th percentile per-packet one-way delay: 69.909 ms
Loss rate: 12.55%
-- Flow 3:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 69.196 ms
Loss rate: 16.78%
```

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

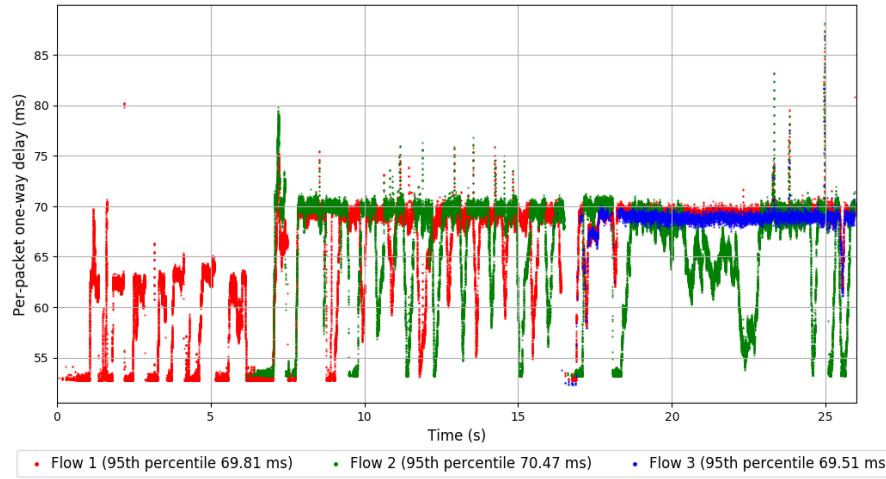
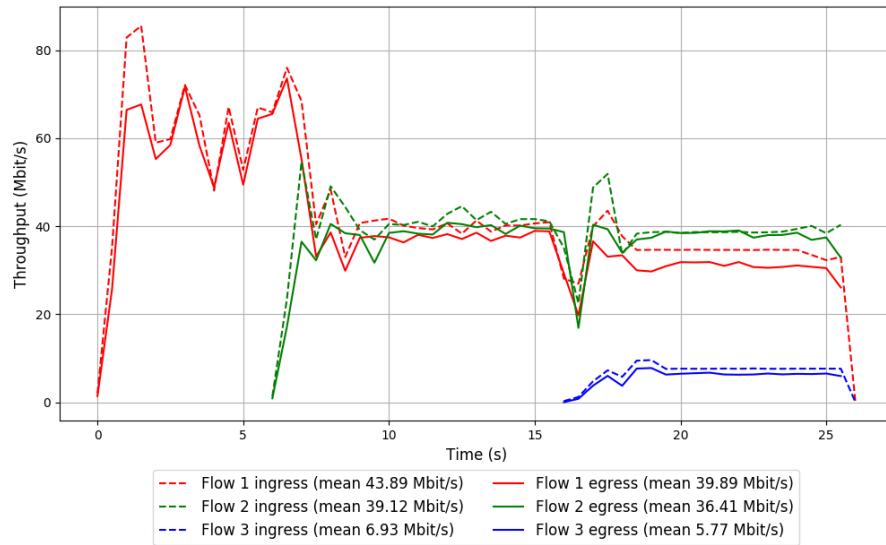


Run 6: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:44:32 +0000
End at: Mon, 10 Jul 2017 00:45:02 +0000
Local clock offset: 0.515 ms
Remote clock offset: -4.692 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.92 Mbit/s
95th percentile per-packet one-way delay: 70.219 ms
Loss rate: 8.99%
-- Flow 1:
Average throughput: 39.89 Mbit/s
95th percentile per-packet one-way delay: 69.814 ms
Loss rate: 9.49%
-- Flow 2:
Average throughput: 36.41 Mbit/s
95th percentile per-packet one-way delay: 70.470 ms
Loss rate: 7.47%
-- Flow 3:
Average throughput: 5.77 Mbit/s
95th percentile per-packet one-way delay: 69.508 ms
Loss rate: 17.83%
```

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

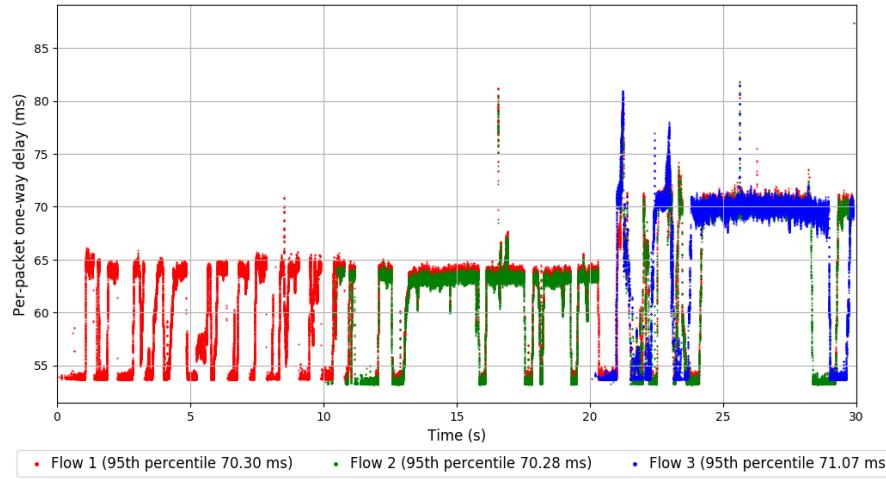
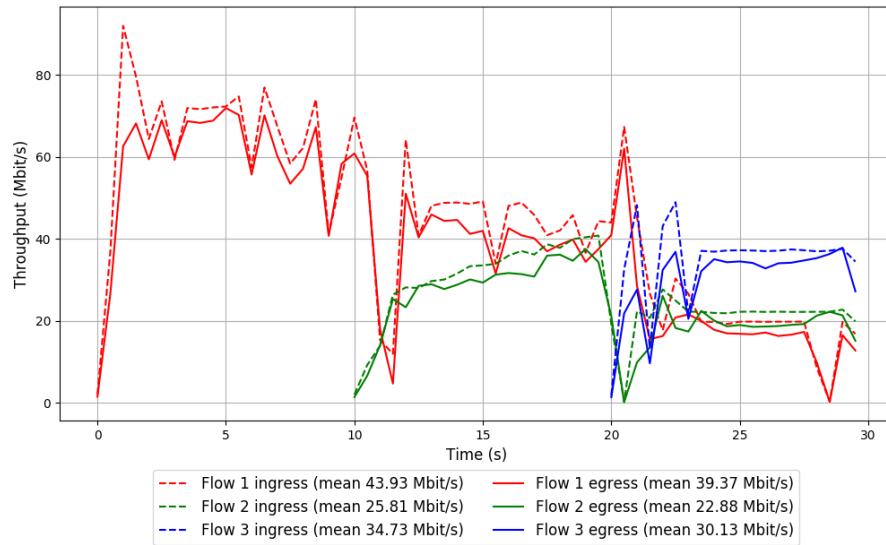


Run 7: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:02:52 +0000
End at: Mon, 10 Jul 2017 01:03:22 +0000
Local clock offset: 0.413 ms
Remote clock offset: -4.603 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.47 Mbit/s
95th percentile per-packet one-way delay: 70.500 ms
Loss rate: 11.53%
-- Flow 1:
Average throughput: 39.37 Mbit/s
95th percentile per-packet one-way delay: 70.299 ms
Loss rate: 10.74%
-- Flow 2:
Average throughput: 22.88 Mbit/s
95th percentile per-packet one-way delay: 70.279 ms
Loss rate: 11.84%
-- Flow 3:
Average throughput: 30.13 Mbit/s
95th percentile per-packet one-way delay: 71.071 ms
Loss rate: 14.12%
```

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

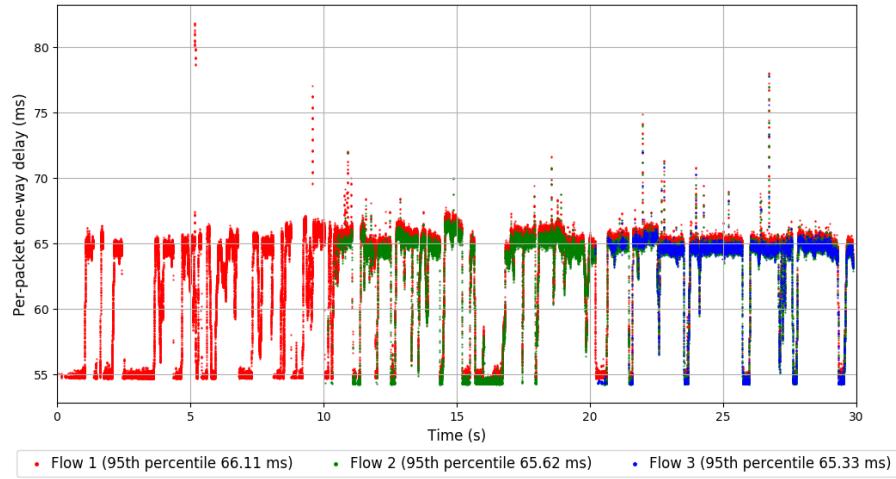
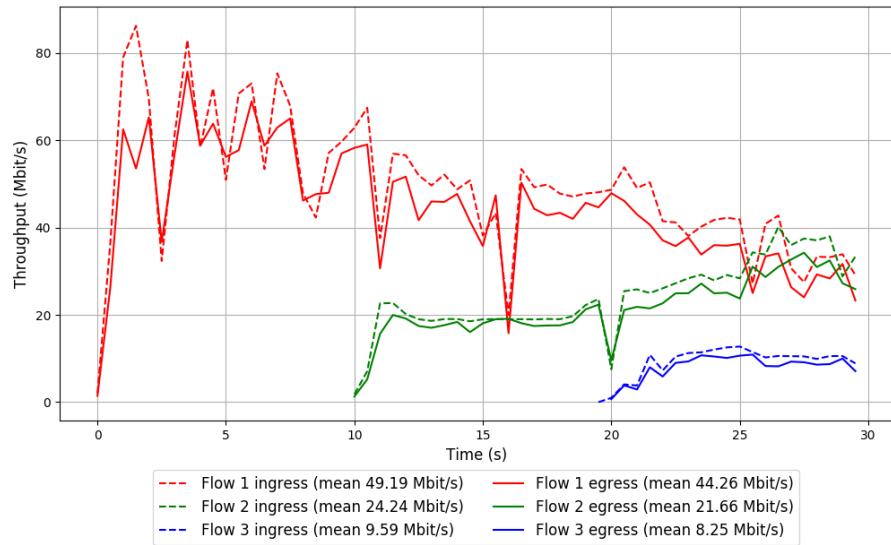


Run 8: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:21:33 +0000
End at: Mon, 10 Jul 2017 01:22:03 +0000
Local clock offset: 0.336 ms
Remote clock offset: -3.401 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.37 Mbit/s
95th percentile per-packet one-way delay: 66.026 ms
Loss rate: 10.78%
-- Flow 1:
Average throughput: 44.26 Mbit/s
95th percentile per-packet one-way delay: 66.113 ms
Loss rate: 10.37%
-- Flow 2:
Average throughput: 21.66 Mbit/s
95th percentile per-packet one-way delay: 65.622 ms
Loss rate: 11.17%
-- Flow 3:
Average throughput: 8.25 Mbit/s
95th percentile per-packet one-way delay: 65.335 ms
Loss rate: 15.13%
```

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

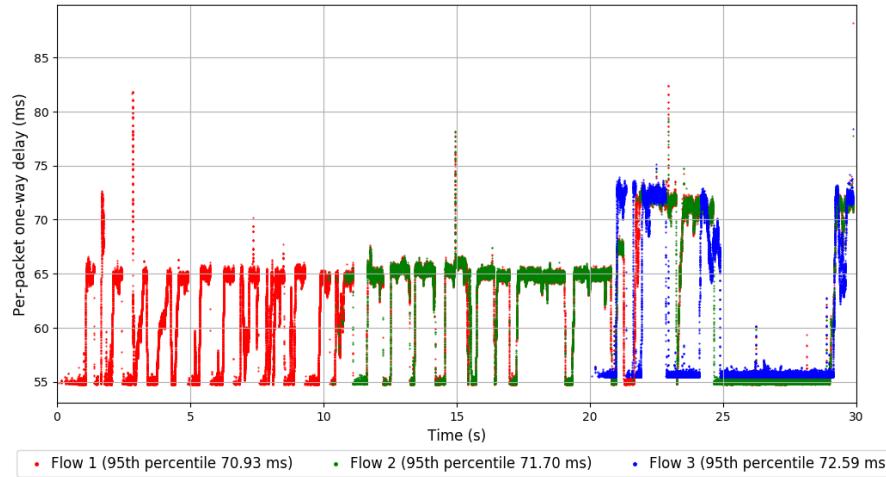
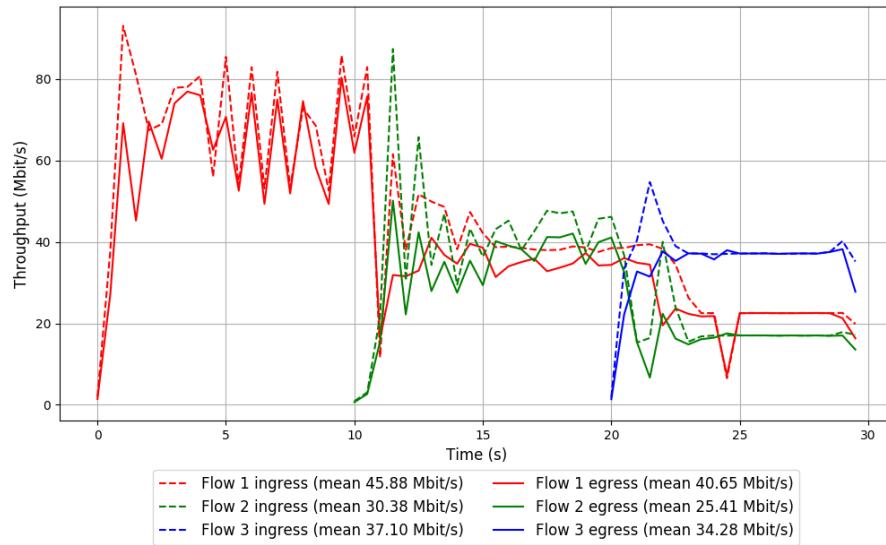


Run 9: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:40:06 +0000
End at: Mon, 10 Jul 2017 01:40:36 +0000
Local clock offset: 0.412 ms
Remote clock offset: -3.012 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.80 Mbit/s
95th percentile per-packet one-way delay: 71.824 ms
Loss rate: 12.53%
-- Flow 1:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 70.933 ms
Loss rate: 11.68%
-- Flow 2:
Average throughput: 25.41 Mbit/s
95th percentile per-packet one-way delay: 71.697 ms
Loss rate: 16.83%
-- Flow 3:
Average throughput: 34.28 Mbit/s
95th percentile per-packet one-way delay: 72.594 ms
Loss rate: 8.65%
```

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

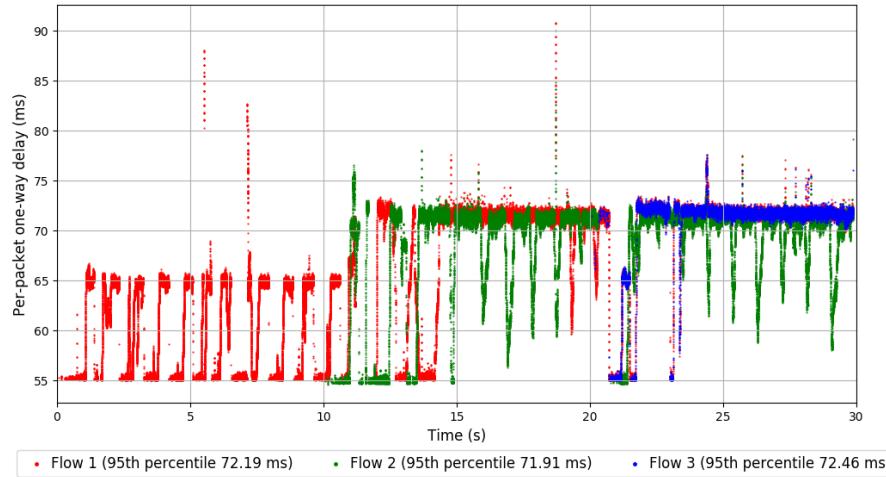
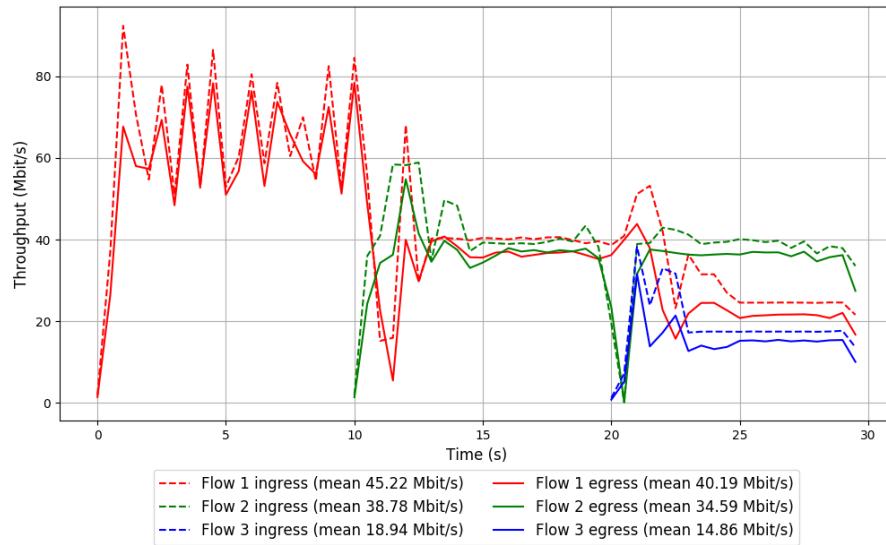


Run 10: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:58:31 +0000
End at: Mon, 10 Jul 2017 01:59:01 +0000
Local clock offset: 0.373 ms
Remote clock offset: -2.502 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.05 Mbit/s
95th percentile per-packet one-way delay: 72.171 ms
Loss rate: 12.32%
-- Flow 1:
Average throughput: 40.19 Mbit/s
95th percentile per-packet one-way delay: 72.187 ms
Loss rate: 11.49%
-- Flow 2:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 71.913 ms
Loss rate: 11.29%
-- Flow 3:
Average throughput: 14.86 Mbit/s
95th percentile per-packet one-way delay: 72.463 ms
Loss rate: 22.59%
```

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

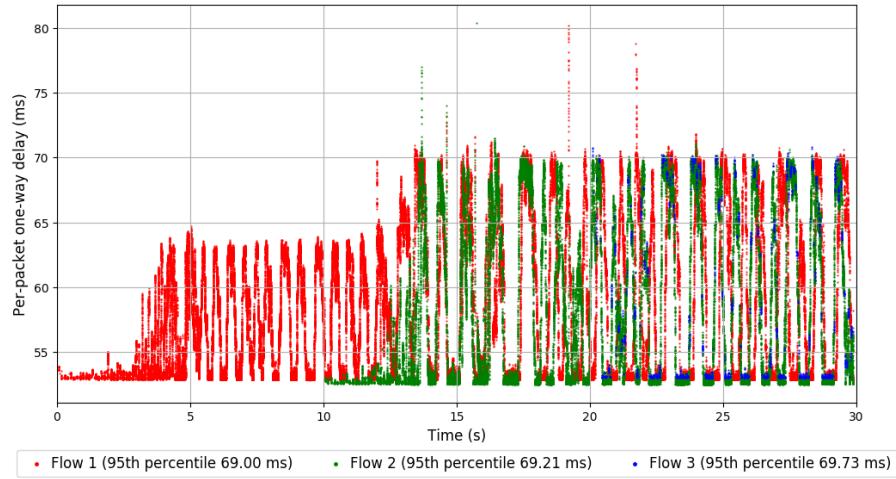
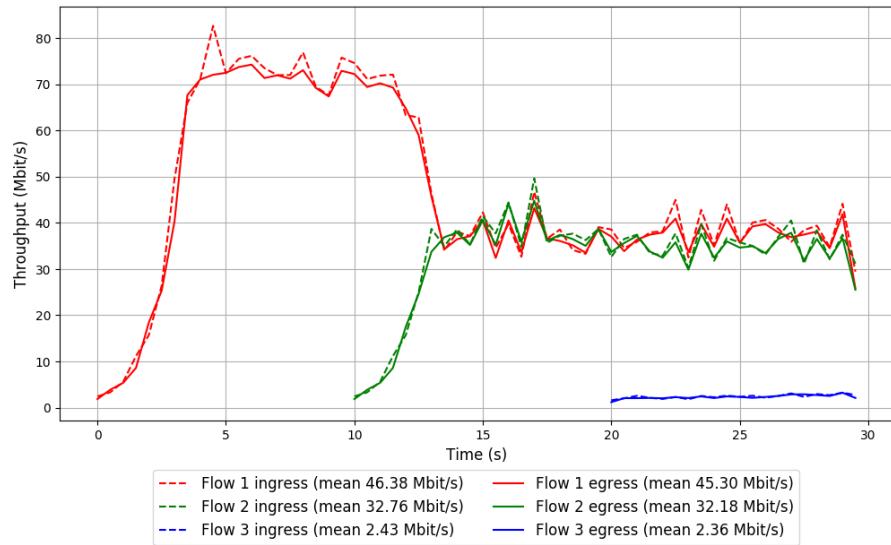


```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 23:10:22 +0000
End at: Sun, 09 Jul 2017 23:10:52 +0000
Local clock offset: 0.503 ms
Remote clock offset: -4.526 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.45 Mbit/s
95th percentile per-packet one-way delay: 69.130 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 45.30 Mbit/s
95th percentile per-packet one-way delay: 69.000 ms
Loss rate: 2.69%
-- Flow 2:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 69.208 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 69.729 ms
Loss rate: 4.14%
```

Run 1: Report of CalibratedKoho — Data Link

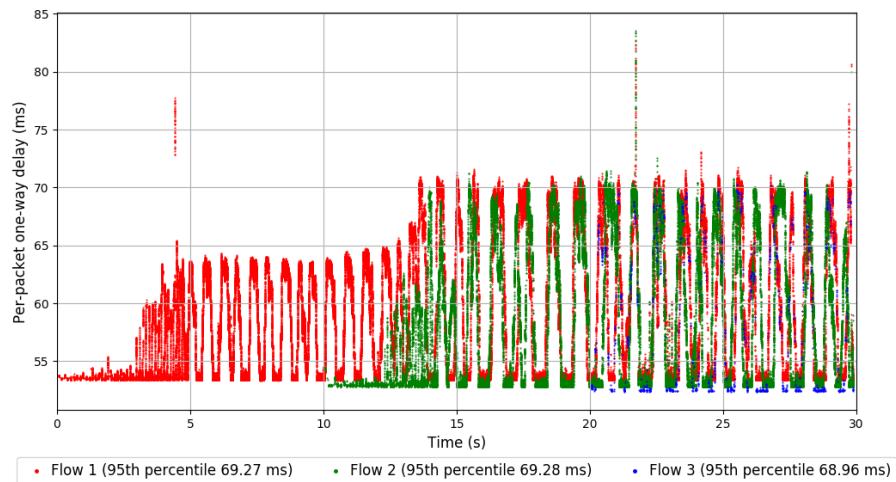
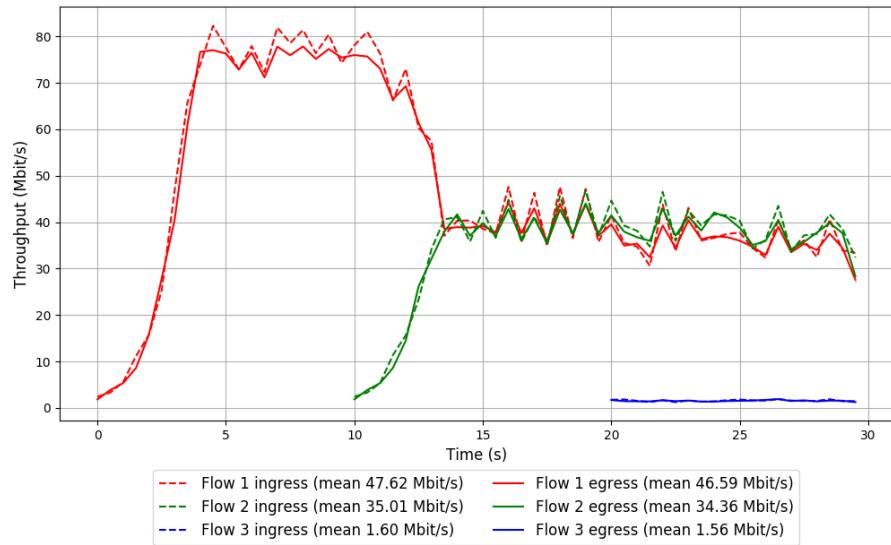


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 23:29:08 +0000
End at: Sun, 09 Jul 2017 23:29:38 +0000
Local clock offset: 0.53 ms
Remote clock offset: -4.646 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.92 Mbit/s
95th percentile per-packet one-way delay: 69.271 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 69.267 ms
Loss rate: 2.53%
-- Flow 2:
Average throughput: 34.36 Mbit/s
95th percentile per-packet one-way delay: 69.279 ms
Loss rate: 2.42%
-- Flow 3:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 68.964 ms
Loss rate: 3.34%
```

Run 2: Report of CalibratedKoho — Data Link

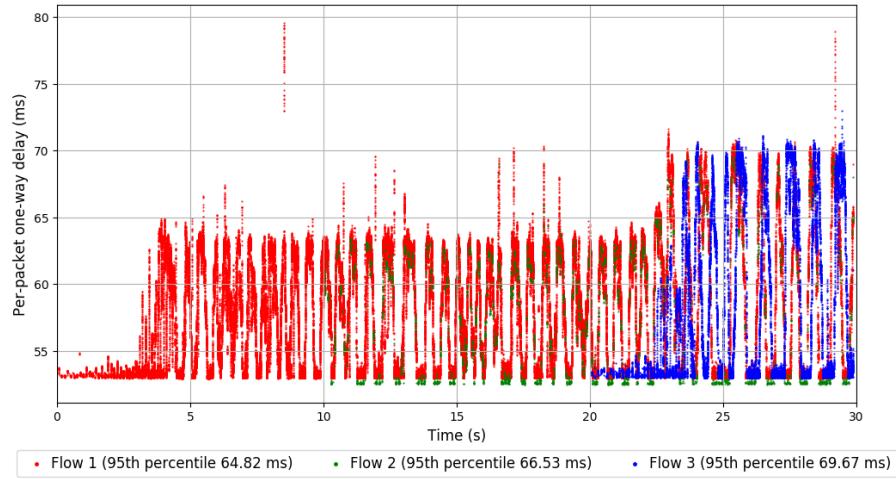
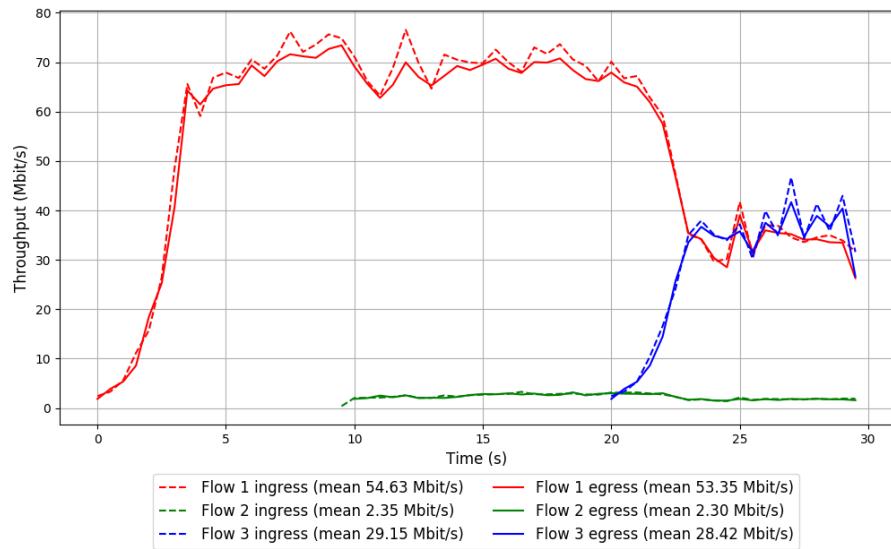


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 23:47:30 +0000
End at: Sun, 09 Jul 2017 23:48:00 +0000
Local clock offset: 0.434 ms
Remote clock offset: -4.891 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.23 Mbit/s
95th percentile per-packet one-way delay: 67.459 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 53.35 Mbit/s
95th percentile per-packet one-way delay: 64.816 ms
Loss rate: 2.72%
-- Flow 2:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 66.534 ms
Loss rate: 2.77%
-- Flow 3:
Average throughput: 28.42 Mbit/s
95th percentile per-packet one-way delay: 69.665 ms
Loss rate: 3.57%
```

Run 3: Report of CalibratedKoho — Data Link

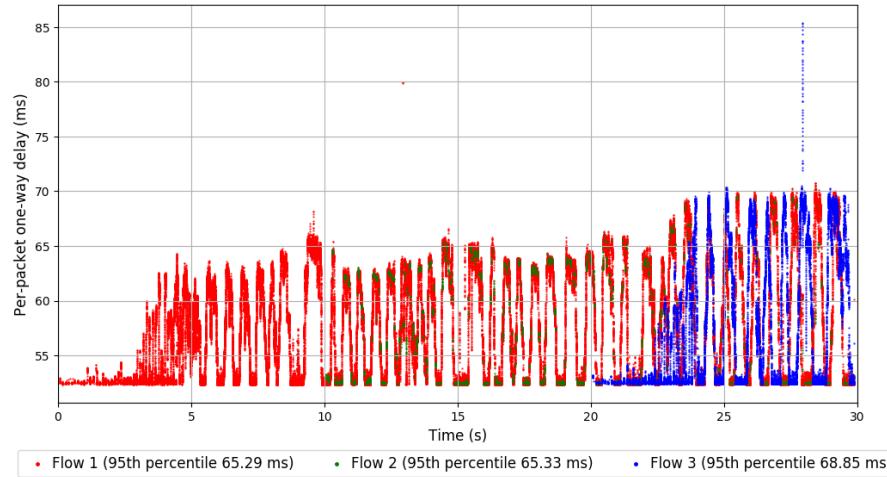
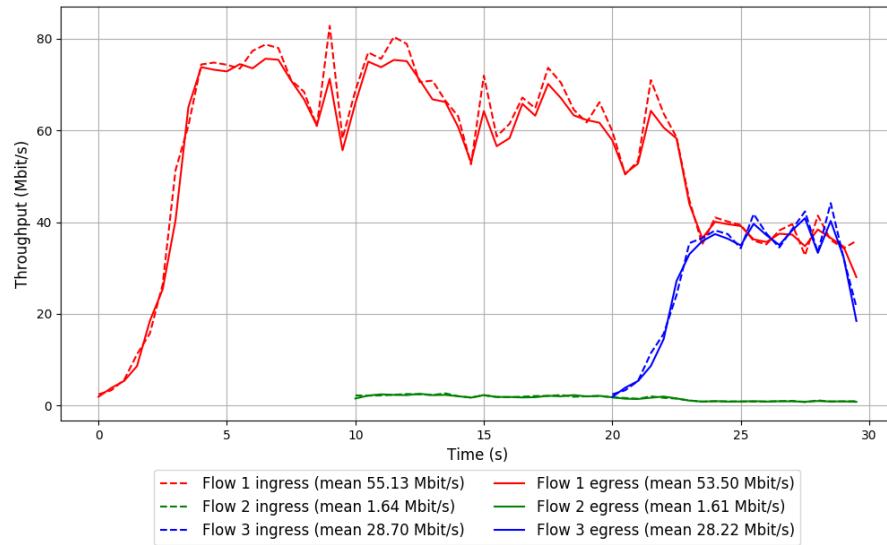


Run 4: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:05:55 +0000
End at: Mon, 10 Jul 2017 00:06:25 +0000
Local clock offset: 0.547 ms
Remote clock offset: -5.339 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:48:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.85 Mbit/s
95th percentile per-packet one-way delay: 66.616 ms
Loss rate: 3.21%
-- Flow 1:
Average throughput: 53.50 Mbit/s
95th percentile per-packet one-way delay: 65.288 ms
Loss rate: 3.31%
-- Flow 2:
Average throughput: 1.61 Mbit/s
95th percentile per-packet one-way delay: 65.327 ms
Loss rate: 2.54%
-- Flow 3:
Average throughput: 28.22 Mbit/s
95th percentile per-packet one-way delay: 68.849 ms
Loss rate: 2.76%
```

Run 4: Report of CalibratedKoho — Data Link

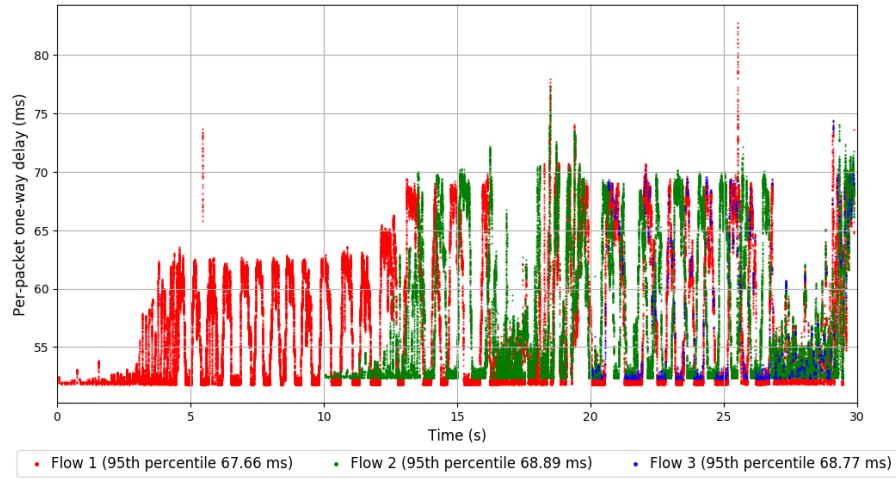
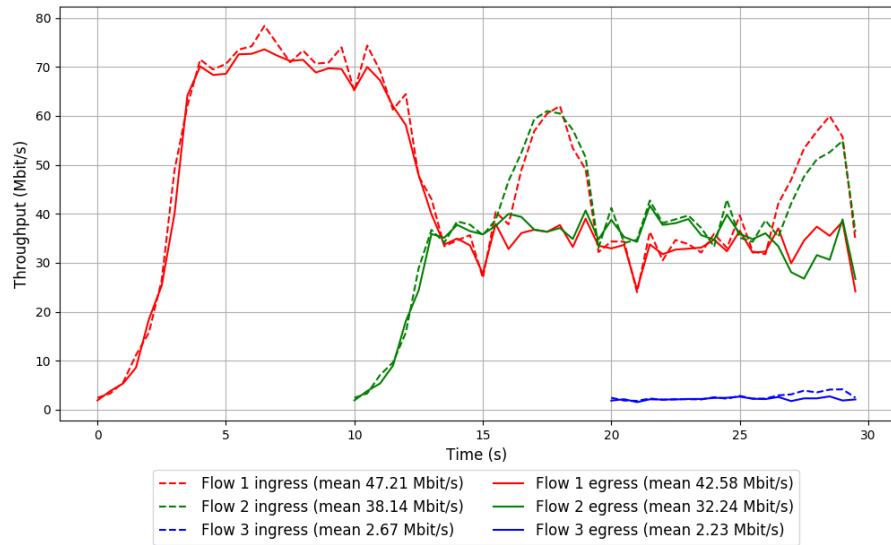


Run 5: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:24:34 +0000
End at: Mon, 10 Jul 2017 00:25:04 +0000
Local clock offset: 0.557 ms
Remote clock offset: -4.885 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.74 Mbit/s
95th percentile per-packet one-way delay: 68.204 ms
Loss rate: 12.22%
-- Flow 1:
Average throughput: 42.58 Mbit/s
95th percentile per-packet one-way delay: 67.664 ms
Loss rate: 10.12%
-- Flow 2:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 68.889 ms
Loss rate: 15.94%
-- Flow 3:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 68.773 ms
Loss rate: 17.66%
```

Run 5: Report of CalibratedKoho — Data Link

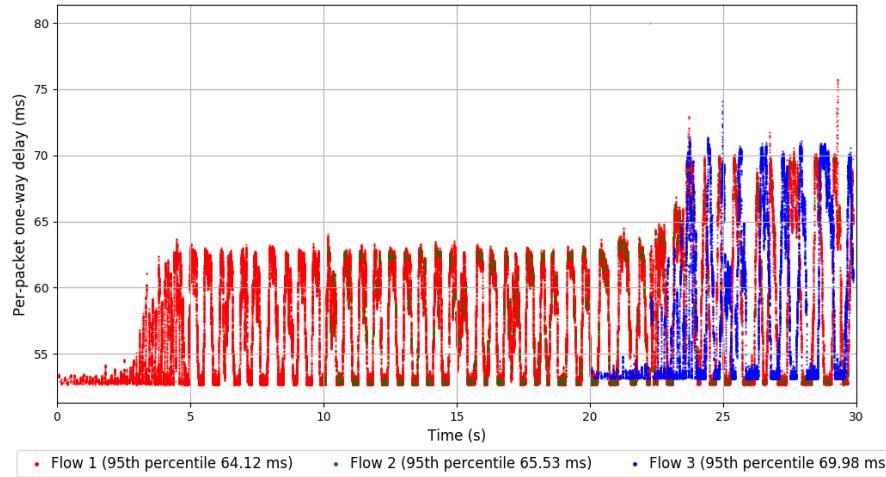
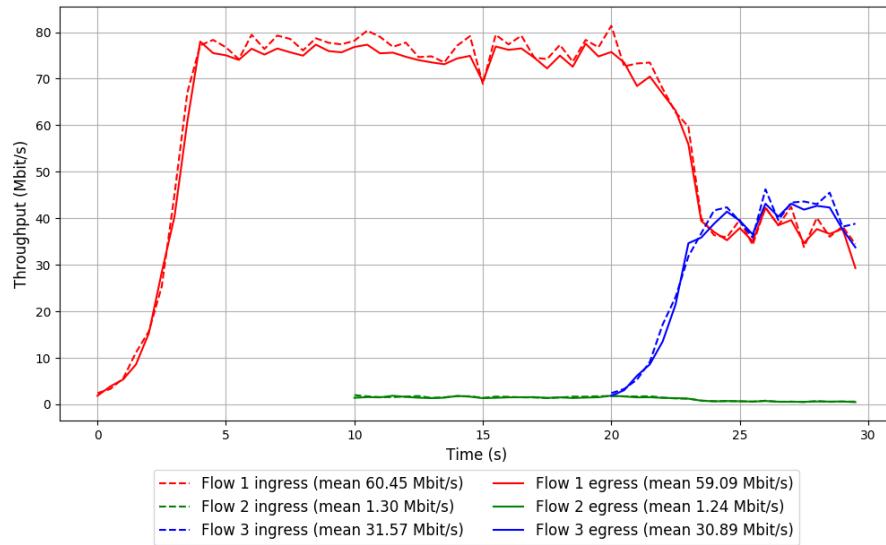


Run 6: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:43:16 +0000
End at: Mon, 10 Jul 2017 00:43:46 +0000
Local clock offset: 0.436 ms
Remote clock offset: -4.799 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 66.656 ms
Loss rate: 2.74%
-- Flow 1:
Average throughput: 59.09 Mbit/s
95th percentile per-packet one-way delay: 64.124 ms
Loss rate: 2.62%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 65.527 ms
Loss rate: 5.33%
-- Flow 3:
Average throughput: 30.89 Mbit/s
95th percentile per-packet one-way delay: 69.981 ms
Loss rate: 3.24%
```

Run 6: Report of CalibratedKoho — Data Link

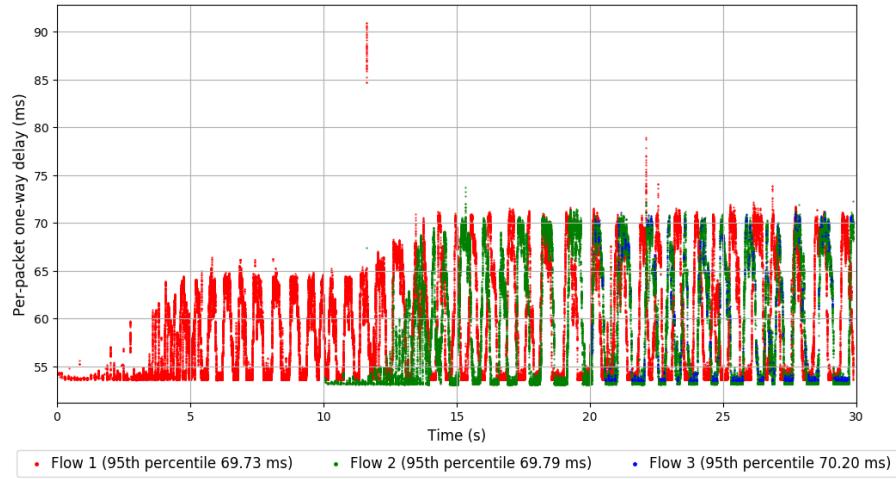
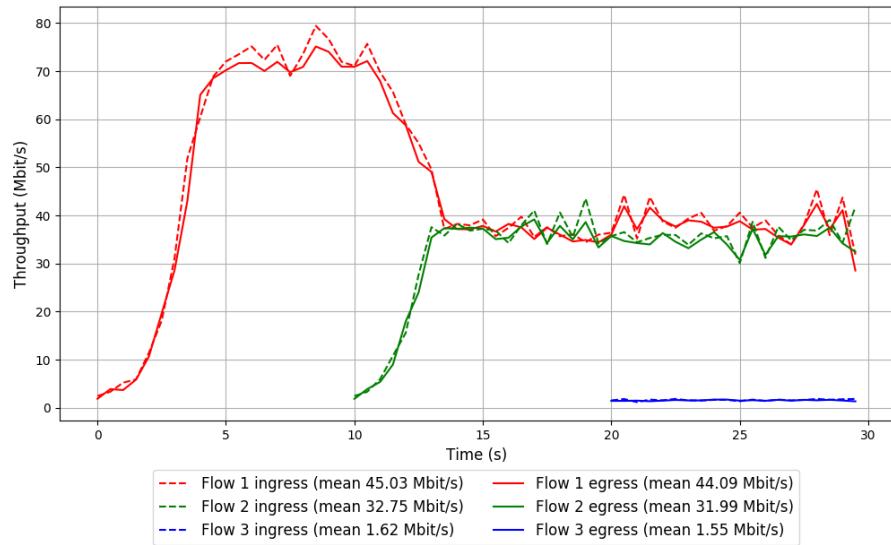


```
Run 7: Statistics of CalibratedKoho
```

```
Start at: Mon, 10 Jul 2017 01:01:36 +0000
End at: Mon, 10 Jul 2017 01:02:06 +0000
Local clock offset: 0.411 ms
Remote clock offset: -4.549 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.85 Mbit/s
95th percentile per-packet one-way delay: 69.771 ms
Loss rate: 2.62%
-- Flow 1:
Average throughput: 44.09 Mbit/s
95th percentile per-packet one-way delay: 69.731 ms
Loss rate: 2.46%
-- Flow 2:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 69.791 ms
Loss rate: 2.88%
-- Flow 3:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 70.197 ms
Loss rate: 5.54%
```

## Run 7: Report of CalibratedKoho — Data Link

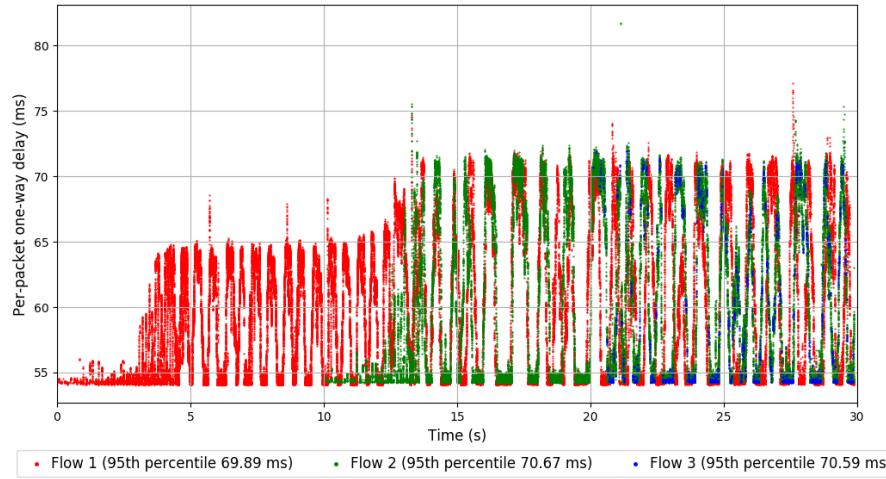
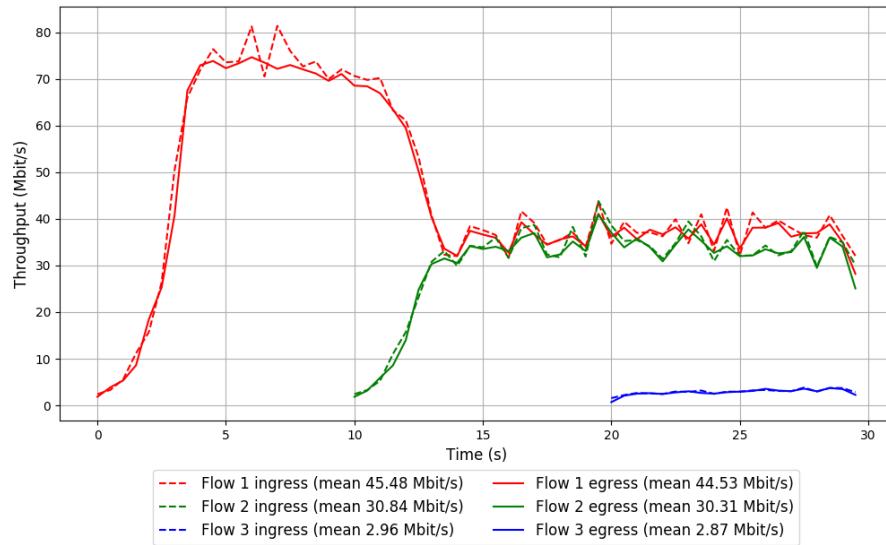


Run 8: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 01:20:17 +0000
End at: Mon, 10 Jul 2017 01:20:47 +0000
Local clock offset: 0.402 ms
Remote clock offset: -3.19 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.60 Mbit/s
95th percentile per-packet one-way delay: 70.266 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 44.53 Mbit/s
95th percentile per-packet one-way delay: 69.885 ms
Loss rate: 2.44%
-- Flow 2:
Average throughput: 30.31 Mbit/s
95th percentile per-packet one-way delay: 70.665 ms
Loss rate: 2.28%
-- Flow 3:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 70.587 ms
Loss rate: 4.22%
```

Run 8: Report of CalibratedKoho — Data Link

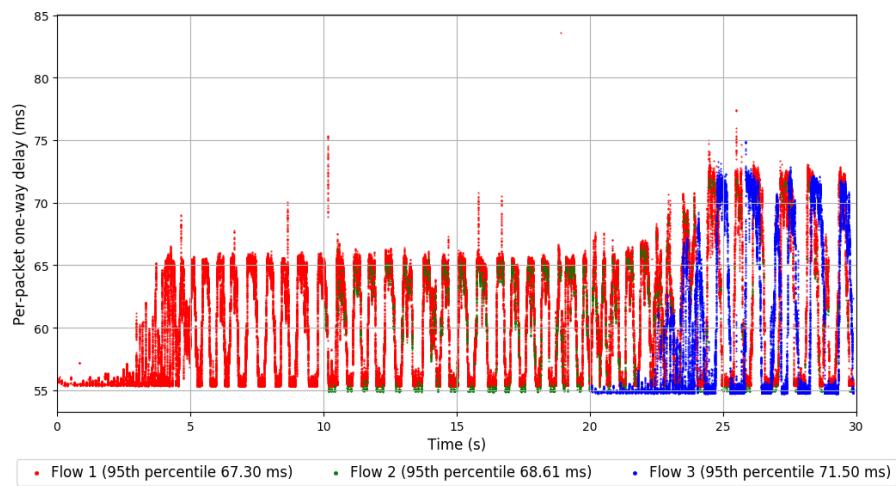
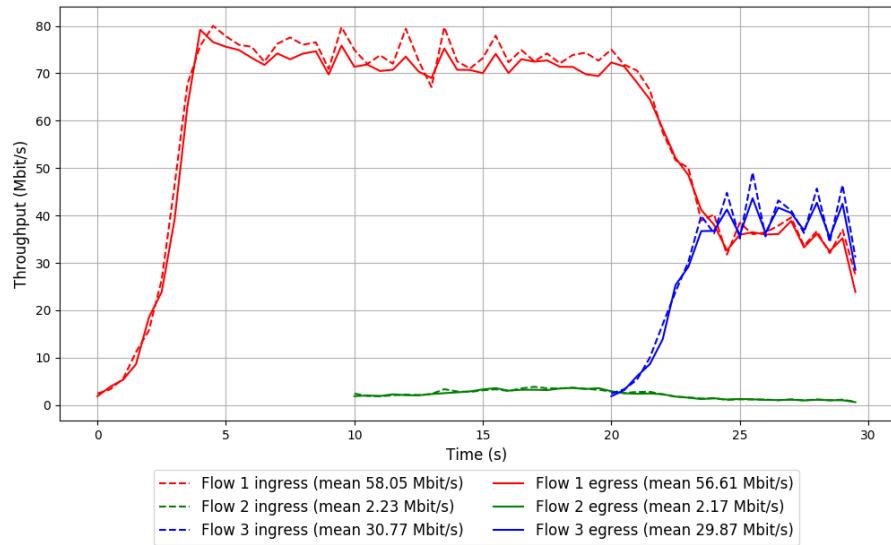


Run 9: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 01:38:49 +0000
End at: Mon, 10 Jul 2017 01:39:19 +0000
Local clock offset: 0.351 ms
Remote clock offset: -2.927 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.86 Mbit/s
95th percentile per-packet one-way delay: 69.947 ms
Loss rate: 3.03%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 67.301 ms
Loss rate: 2.86%
-- Flow 2:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 68.611 ms
Loss rate: 3.24%
-- Flow 3:
Average throughput: 29.87 Mbit/s
95th percentile per-packet one-way delay: 71.499 ms
Loss rate: 3.99%
```

Run 9: Report of CalibratedKoho — Data Link

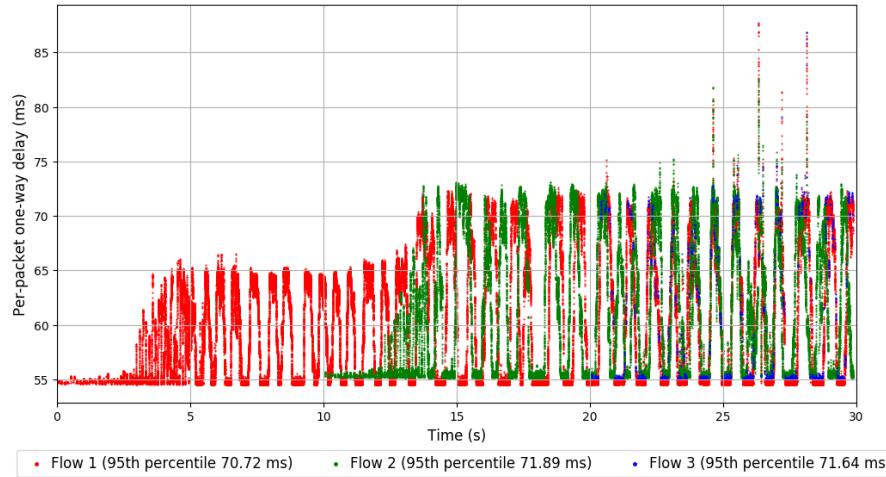
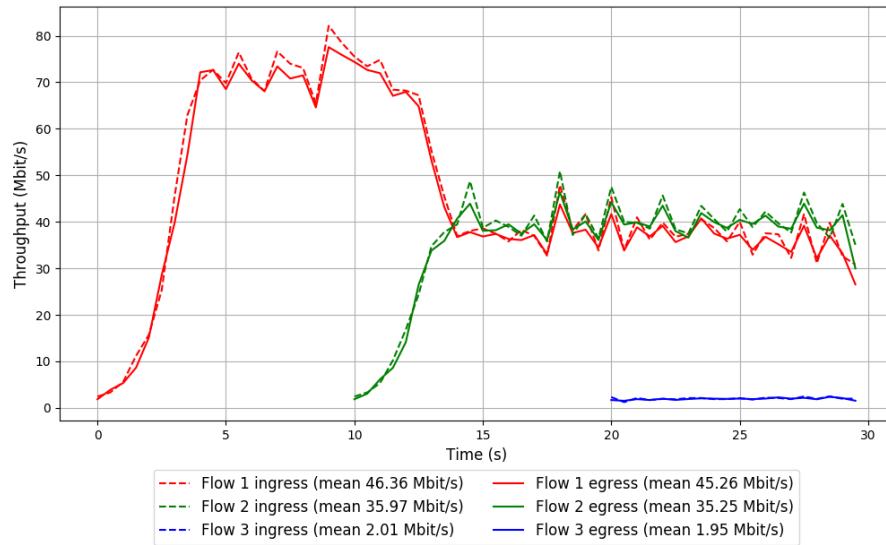


```
Run 10: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 01:57:15 +0000
End at: Mon, 10 Jul 2017 01:57:45 +0000
Local clock offset: 0.417 ms
Remote clock offset: -2.714 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.30 Mbit/s
95th percentile per-packet one-way delay: 71.220 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 45.26 Mbit/s
95th percentile per-packet one-way delay: 70.716 ms
Loss rate: 2.75%
-- Flow 2:
Average throughput: 35.25 Mbit/s
95th percentile per-packet one-way delay: 71.887 ms
Loss rate: 2.58%
-- Flow 3:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 71.637 ms
Loss rate: 3.80%
```

Run 10: Report of CalibratedKoho — Data Link

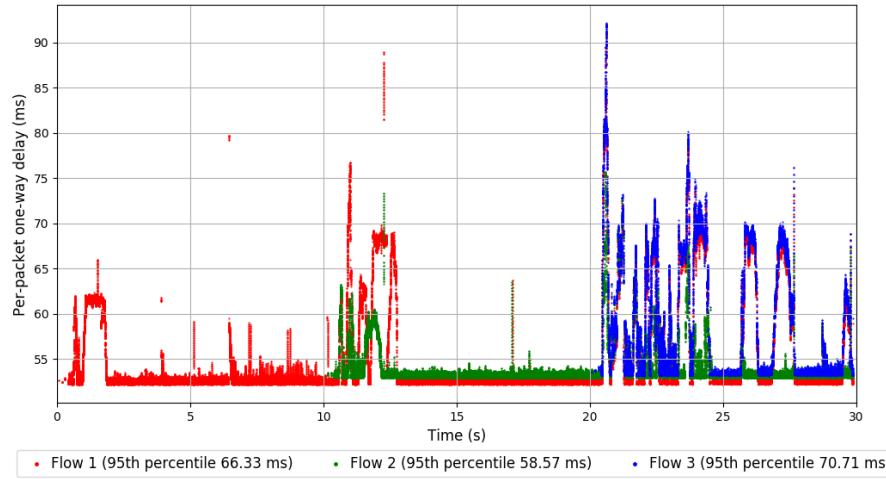
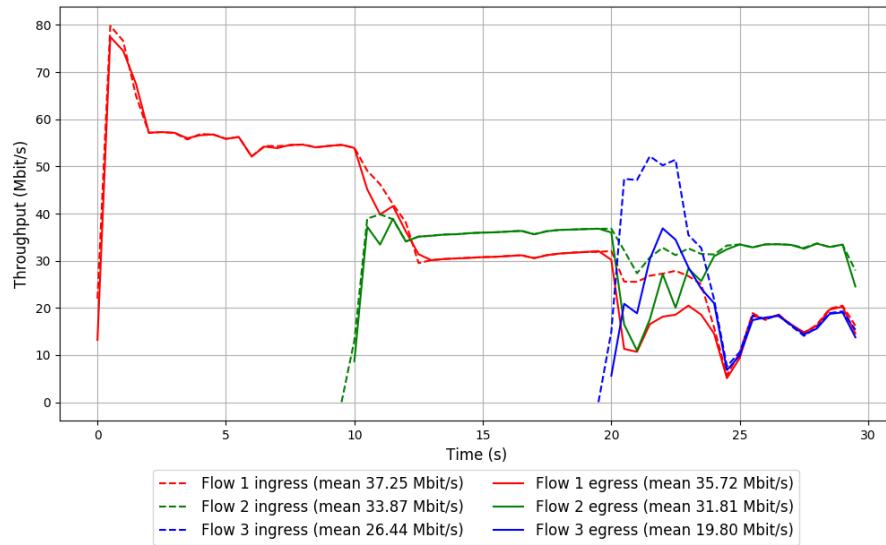


Run 1: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 23:25:32 +0000
End at: Sun, 09 Jul 2017 23:26:02 +0000
Local clock offset: 0.528 ms
Remote clock offset: -4.521 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.40 Mbit/s
95th percentile per-packet one-way delay: 66.819 ms
Loss rate: 7.95%
-- Flow 1:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 66.326 ms
Loss rate: 4.48%
-- Flow 2:
Average throughput: 31.81 Mbit/s
95th percentile per-packet one-way delay: 58.570 ms
Loss rate: 6.67%
-- Flow 3:
Average throughput: 19.80 Mbit/s
95th percentile per-packet one-way delay: 70.710 ms
Loss rate: 25.98%
```

## Run 1: Report of Copa — Data Link

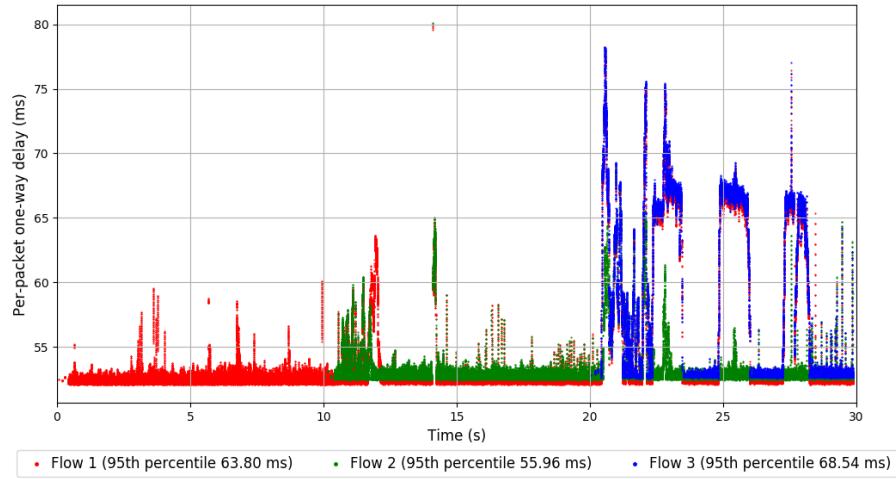
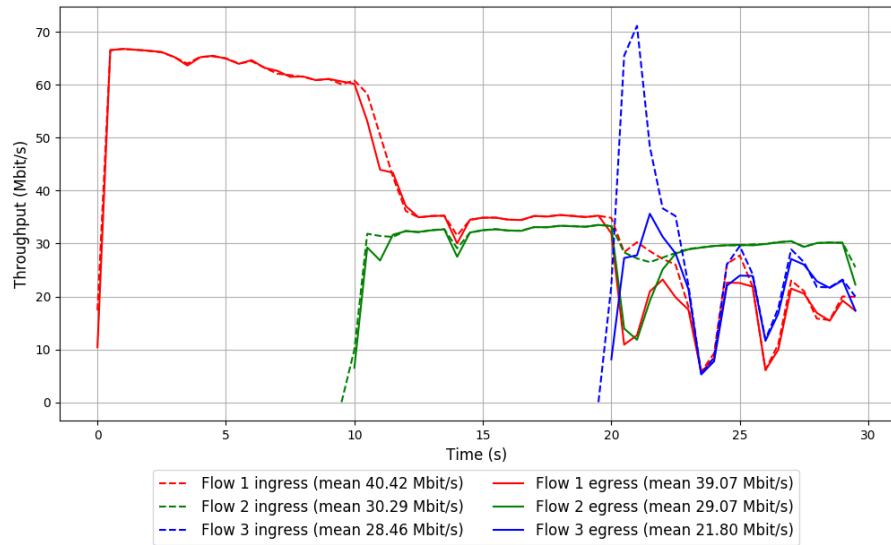


Run 2: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 23:43:54 +0000
End at: Sun, 09 Jul 2017 23:44:24 +0000
Local clock offset: 0.509 ms
Remote clock offset: -5.184 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.60 Mbit/s
95th percentile per-packet one-way delay: 65.842 ms
Loss rate: 6.73%
-- Flow 1:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 63.798 ms
Loss rate: 3.71%
-- Flow 2:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 55.960 ms
Loss rate: 4.56%
-- Flow 3:
Average throughput: 21.80 Mbit/s
95th percentile per-packet one-way delay: 68.538 ms
Loss rate: 24.26%
```

## Run 2: Report of Copa — Data Link

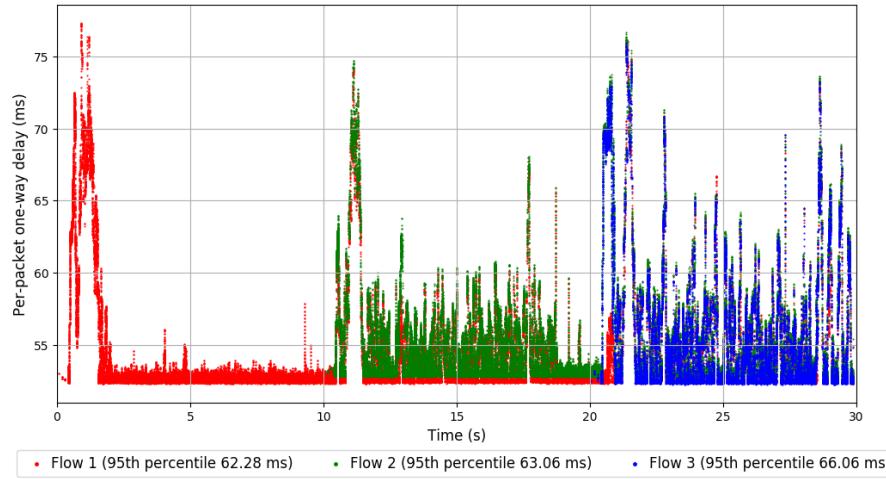
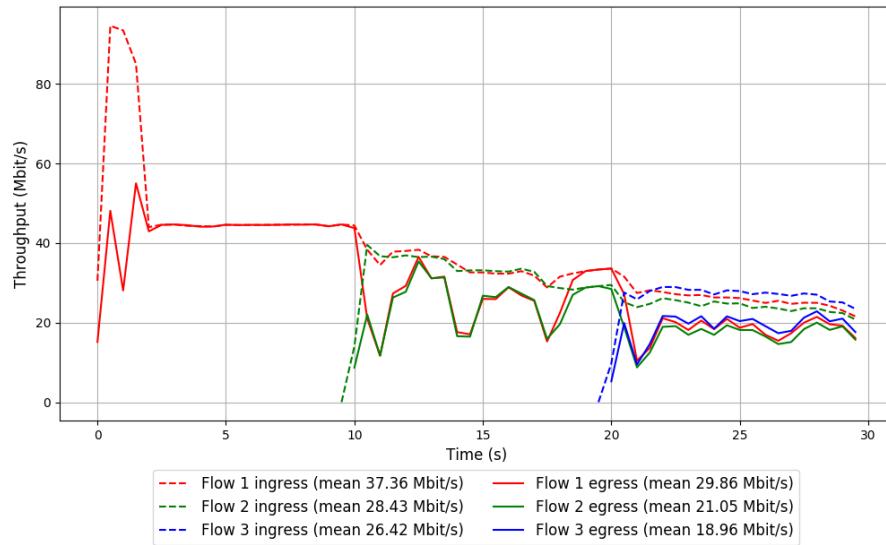


Run 3: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:02:21 +0000
End at: Mon, 10 Jul 2017 00:02:51 +0000
Local clock offset: 0.502 ms
Remote clock offset: -5.02 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 63.006 ms
Loss rate: 23.30%
-- Flow 1:
Average throughput: 29.86 Mbit/s
95th percentile per-packet one-way delay: 62.283 ms
Loss rate: 20.38%
-- Flow 2:
Average throughput: 21.05 Mbit/s
95th percentile per-packet one-way delay: 63.056 ms
Loss rate: 26.37%
-- Flow 3:
Average throughput: 18.96 Mbit/s
95th percentile per-packet one-way delay: 66.055 ms
Loss rate: 29.07%
```

### Run 3: Report of Copa — Data Link

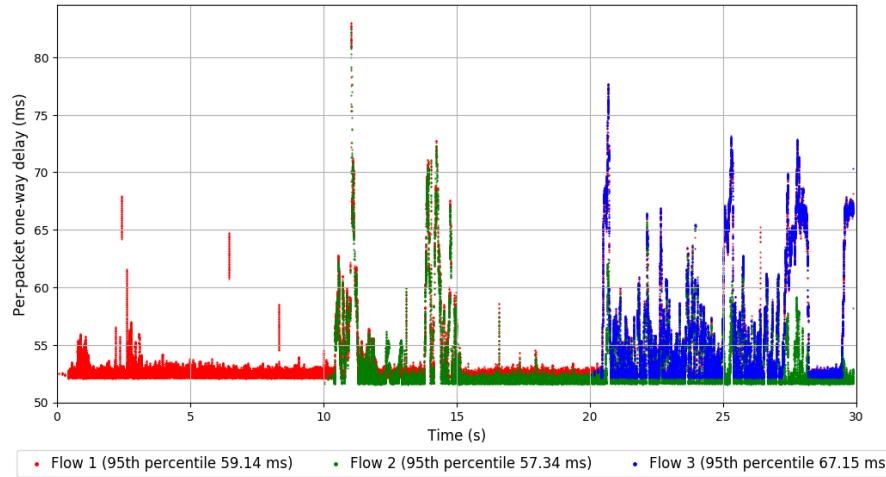
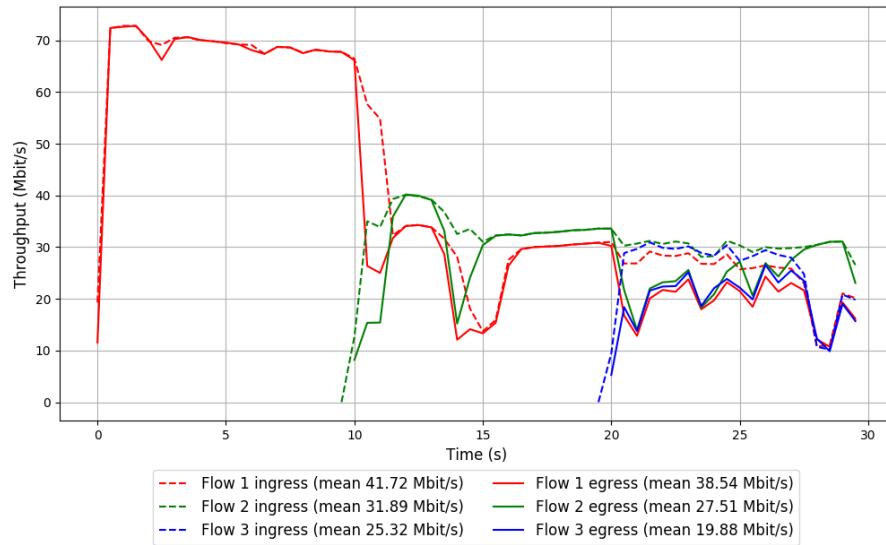


Run 4: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:20:57 +0000
End at: Mon, 10 Jul 2017 00:21:27 +0000
Local clock offset: 0.513 ms
Remote clock offset: -5.306 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:49:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.40 Mbit/s
95th percentile per-packet one-way delay: 61.530 ms
Loss rate: 11.55%
-- Flow 1:
Average throughput: 38.54 Mbit/s
95th percentile per-packet one-way delay: 59.139 ms
Loss rate: 7.99%
-- Flow 2:
Average throughput: 27.51 Mbit/s
95th percentile per-packet one-way delay: 57.341 ms
Loss rate: 14.23%
-- Flow 3:
Average throughput: 19.88 Mbit/s
95th percentile per-packet one-way delay: 67.146 ms
Loss rate: 22.39%
```

## Run 4: Report of Copa — Data Link

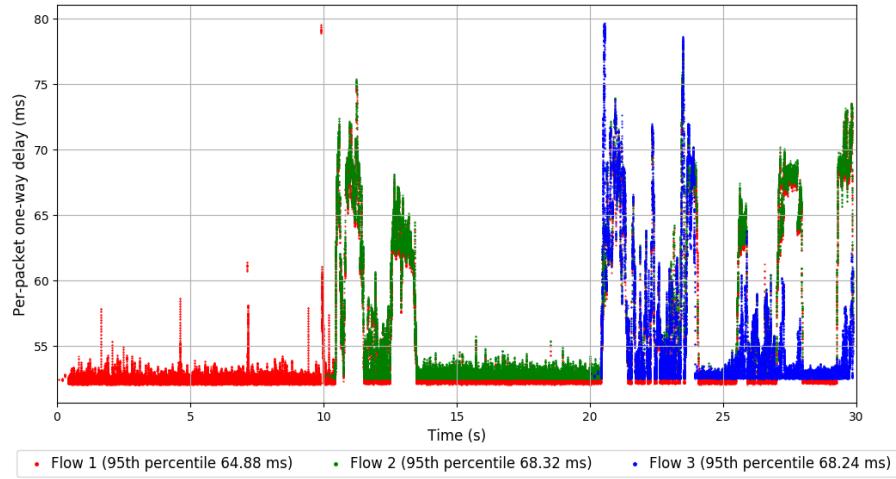
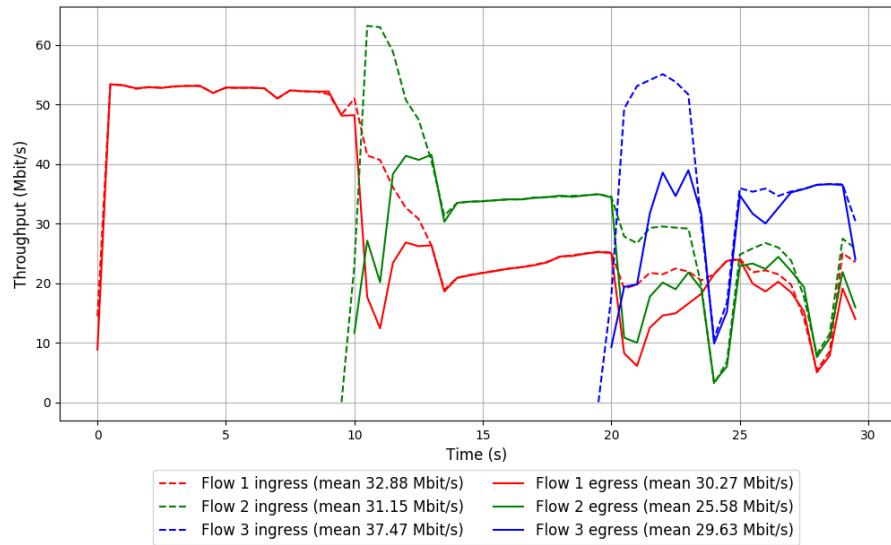


Run 5: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:39:28 +0000
End at: Mon, 10 Jul 2017 00:39:58 +0000
Local clock offset: 0.491 ms
Remote clock offset: -4.592 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.05 Mbit/s
95th percentile per-packet one-way delay: 67.511 ms
Loss rate: 14.01%
-- Flow 1:
Average throughput: 30.27 Mbit/s
95th percentile per-packet one-way delay: 64.882 ms
Loss rate: 8.30%
-- Flow 2:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 68.318 ms
Loss rate: 18.35%
-- Flow 3:
Average throughput: 29.63 Mbit/s
95th percentile per-packet one-way delay: 68.243 ms
Loss rate: 21.85%
```

## Run 5: Report of Copa — Data Link

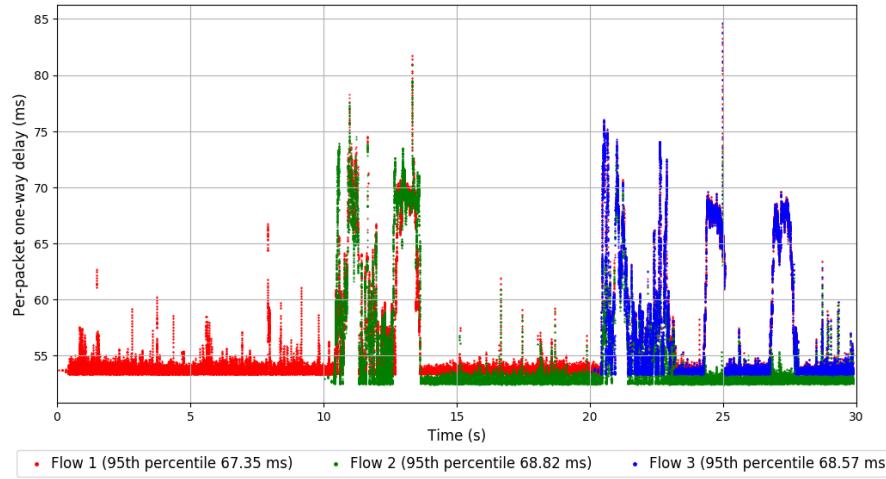
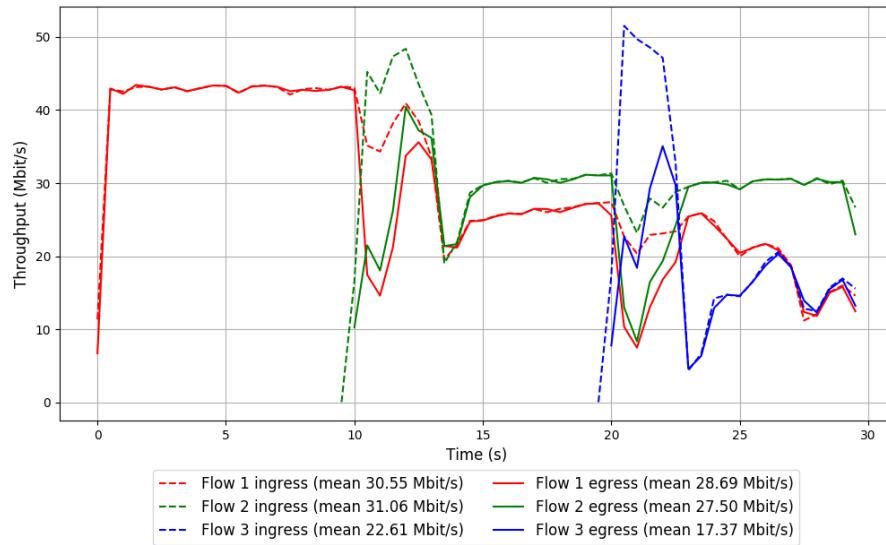


Run 6: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:58:00 +0000
End at: Mon, 10 Jul 2017 00:58:30 +0000
Local clock offset: 0.434 ms
Remote clock offset: -4.87 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.72 Mbit/s
95th percentile per-packet one-way delay: 68.164 ms
Loss rate: 10.66%
-- Flow 1:
Average throughput: 28.69 Mbit/s
95th percentile per-packet one-way delay: 67.352 ms
Loss rate: 6.47%
-- Flow 2:
Average throughput: 27.50 Mbit/s
95th percentile per-packet one-way delay: 68.823 ms
Loss rate: 11.97%
-- Flow 3:
Average throughput: 17.37 Mbit/s
95th percentile per-packet one-way delay: 68.572 ms
Loss rate: 24.05%
```

## Run 6: Report of Copa — Data Link

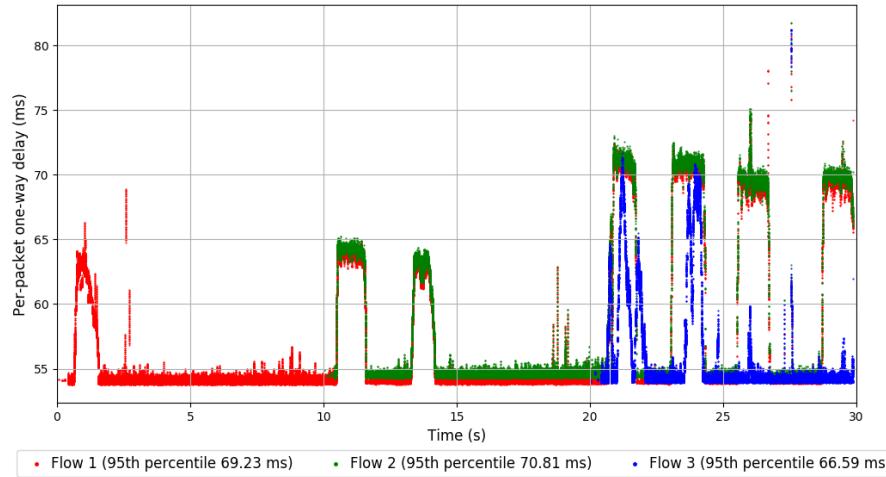
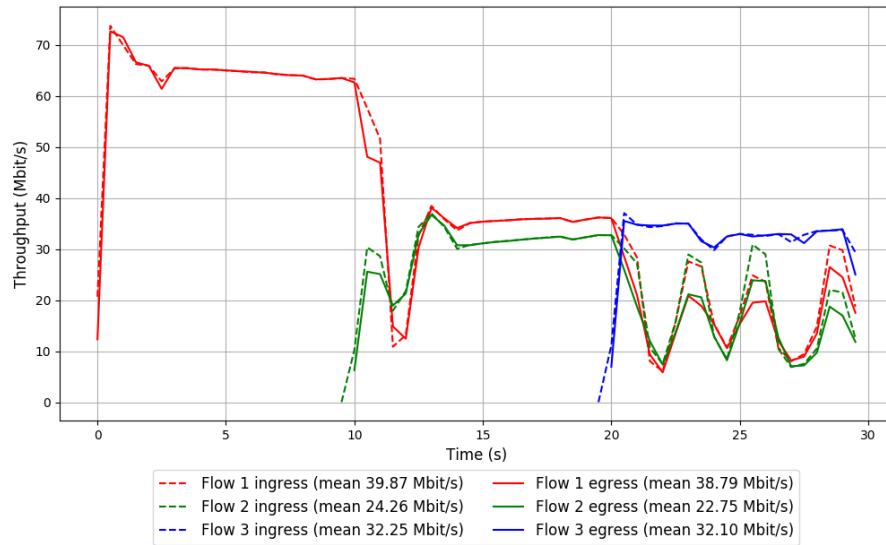


Run 7: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:16:41 +0000
End at: Mon, 10 Jul 2017 01:17:11 +0000
Local clock offset: 0.396 ms
Remote clock offset: -3.85 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.51 Mbit/s
95th percentile per-packet one-way delay: 69.690 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 38.79 Mbit/s
95th percentile per-packet one-way delay: 69.233 ms
Loss rate: 3.01%
-- Flow 2:
Average throughput: 22.75 Mbit/s
95th percentile per-packet one-way delay: 70.814 ms
Loss rate: 6.49%
-- Flow 3:
Average throughput: 32.10 Mbit/s
95th percentile per-packet one-way delay: 66.590 ms
Loss rate: 1.53%
```

## Run 7: Report of Copa — Data Link

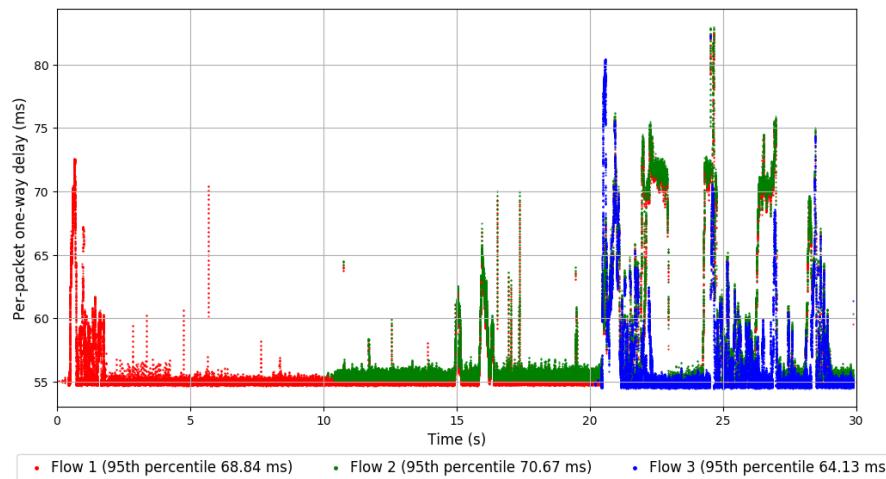
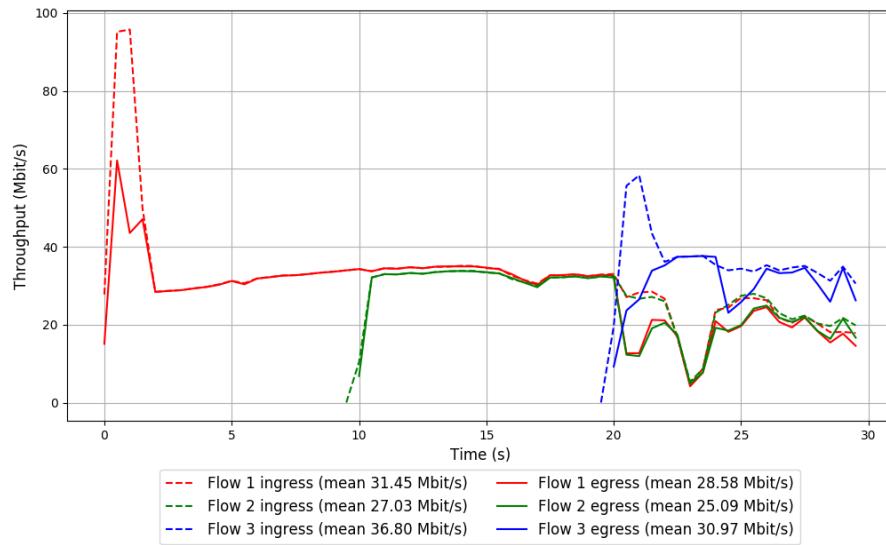


Run 8: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:35:14 +0000
End at: Mon, 10 Jul 2017 01:35:44 +0000
Local clock offset: 0.346 ms
Remote clock offset: -3.098 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.49 Mbit/s
95th percentile per-packet one-way delay: 69.316 ms
Loss rate: 10.42%
-- Flow 1:
Average throughput: 28.58 Mbit/s
95th percentile per-packet one-way delay: 68.845 ms
Loss rate: 9.49%
-- Flow 2:
Average throughput: 25.09 Mbit/s
95th percentile per-packet one-way delay: 70.667 ms
Loss rate: 7.72%
-- Flow 3:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 64.130 ms
Loss rate: 16.78%
```

## Run 8: Report of Copa — Data Link

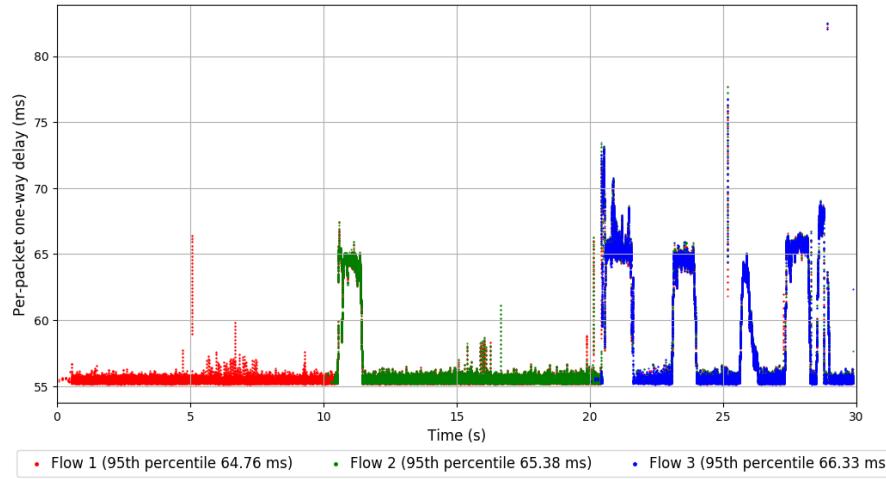
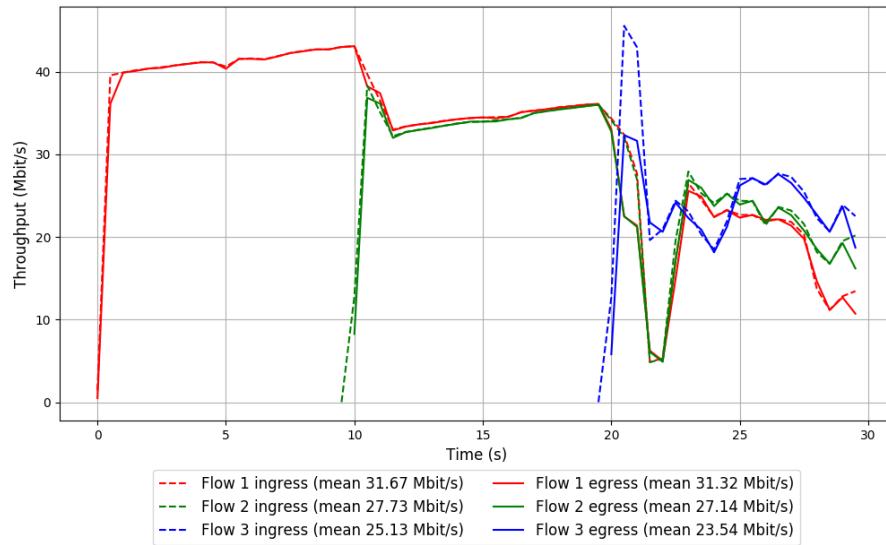


Run 9: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:53:39 +0000
End at: Mon, 10 Jul 2017 01:54:09 +0000
Local clock offset: 0.322 ms
Remote clock offset: -2.61 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 65.340 ms
Loss rate: 2.72%
-- Flow 1:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 64.758 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 27.14 Mbit/s
95th percentile per-packet one-way delay: 65.376 ms
Loss rate: 2.71%
-- Flow 3:
Average throughput: 23.54 Mbit/s
95th percentile per-packet one-way delay: 66.328 ms
Loss rate: 7.38%
```

## Run 9: Report of Copa — Data Link

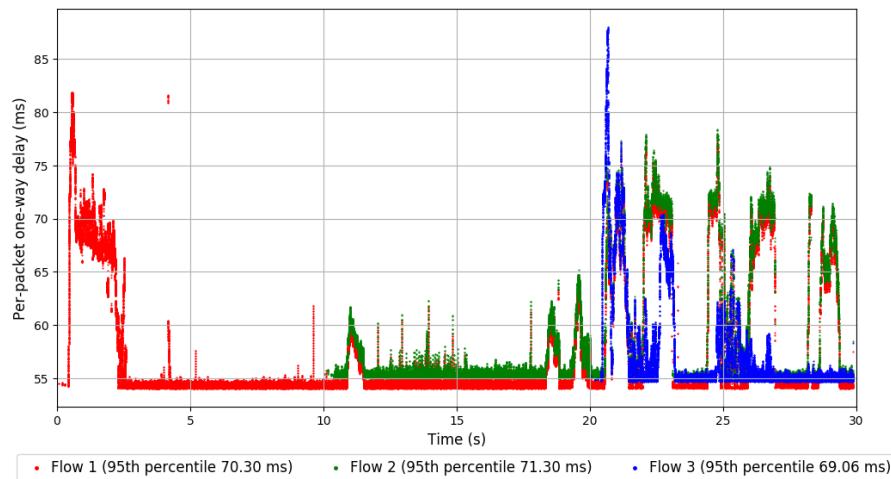
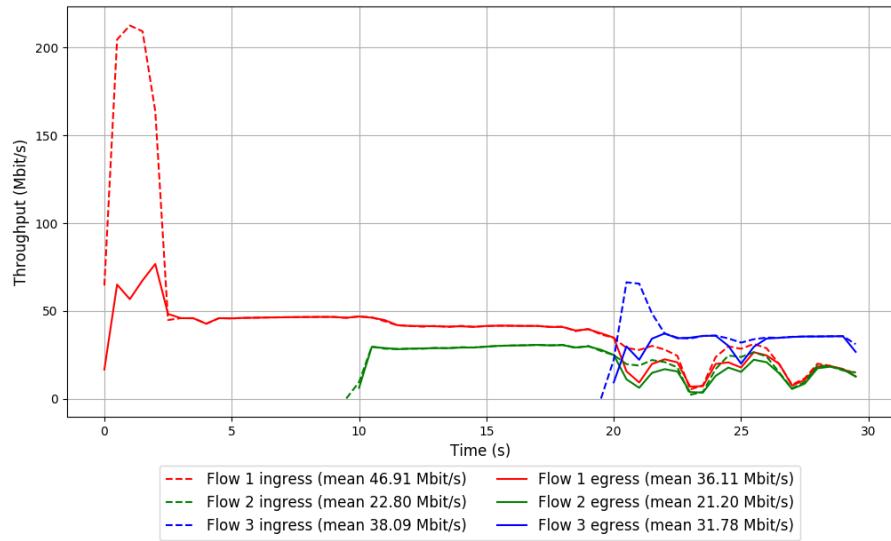


Run 10: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 02:12:04 +0000
End at: Mon, 10 Jul 2017 02:12:34 +0000
Local clock offset: 0.438 ms
Remote clock offset: -2.833 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.69 Mbit/s
95th percentile per-packet one-way delay: 70.459 ms
Loss rate: 19.13%
-- Flow 1:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 70.304 ms
Loss rate: 23.33%
-- Flow 2:
Average throughput: 21.20 Mbit/s
95th percentile per-packet one-way delay: 71.302 ms
Loss rate: 7.55%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 69.056 ms
Loss rate: 17.51%
```

Run 10: Report of Copa — Data Link



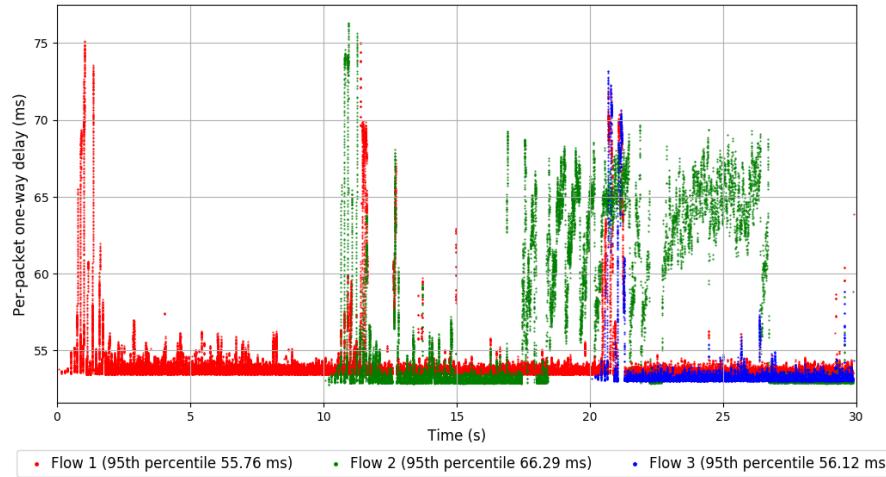
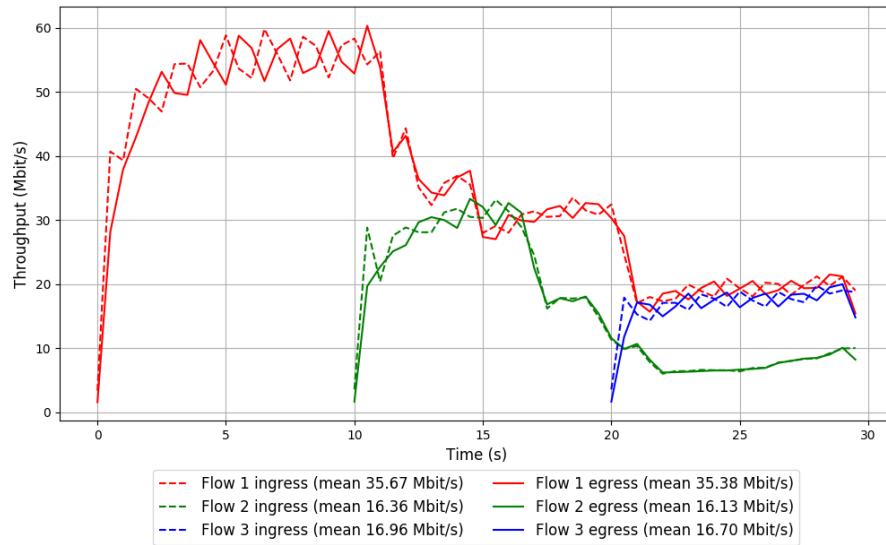
```
Run 1: Statistics of TCP Cubic
```

```
Start at: Sun, 09 Jul 2017 23:12:56 +0000  
End at: Sun, 09 Jul 2017 23:13:26 +0000
```

```
Local clock offset: 0.457 ms  
Remote clock offset: -4.354 ms
```

```
# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:47 +0000  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 51.59 Mbit/s  
95th percentile per-packet one-way delay: 63.301 ms  
Loss rate: 1.42%  
-- Flow 1:  
Average throughput: 35.38 Mbit/s  
95th percentile per-packet one-way delay: 55.763 ms  
Loss rate: 1.10%  
-- Flow 2:  
Average throughput: 16.13 Mbit/s  
95th percentile per-packet one-way delay: 66.290 ms  
Loss rate: 1.90%  
-- Flow 3:  
Average throughput: 16.70 Mbit/s  
95th percentile per-packet one-way delay: 56.118 ms  
Loss rate: 2.53%
```

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

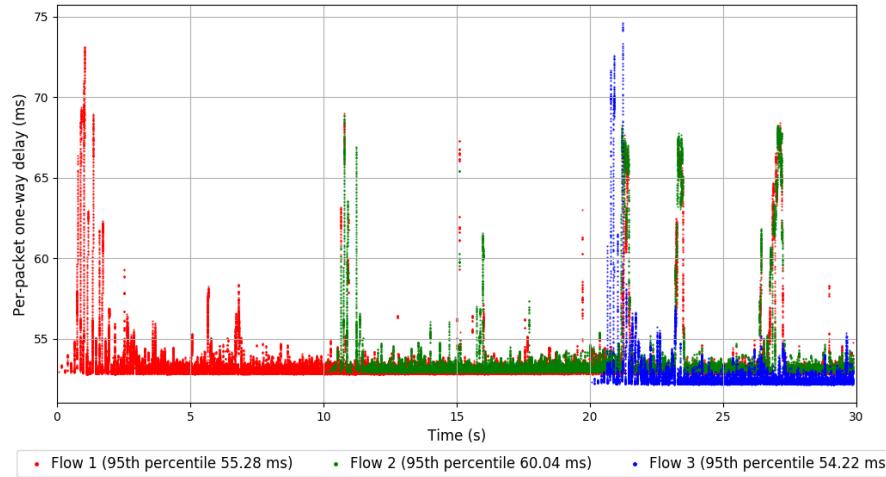
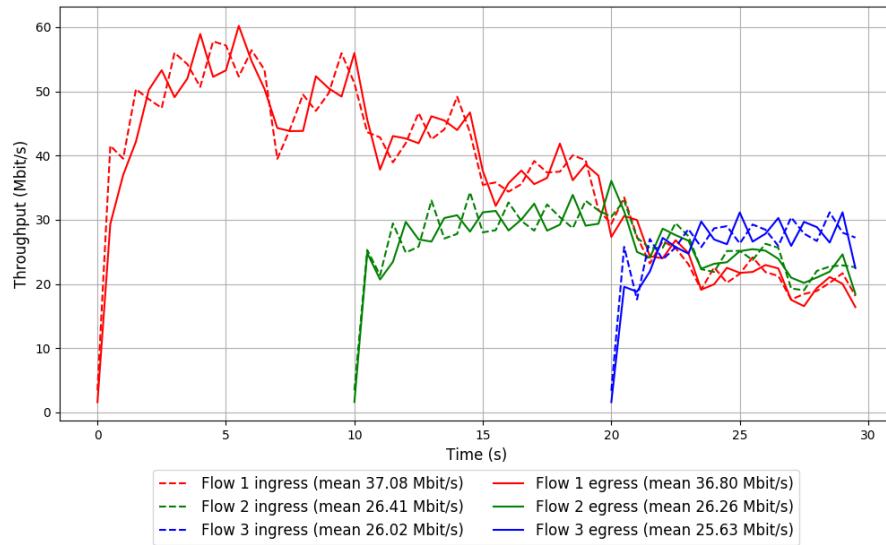


Run 2: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 23:31:42 +0000
End at: Sun, 09 Jul 2017 23:32:12 +0000
Local clock offset: 0.535 ms
Remote clock offset: -5.041 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.67 Mbit/s
95th percentile per-packet one-way delay: 55.677 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 36.80 Mbit/s
95th percentile per-packet one-way delay: 55.276 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 26.26 Mbit/s
95th percentile per-packet one-way delay: 60.036 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 25.63 Mbit/s
95th percentile per-packet one-way delay: 54.223 ms
Loss rate: 2.64%
```

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

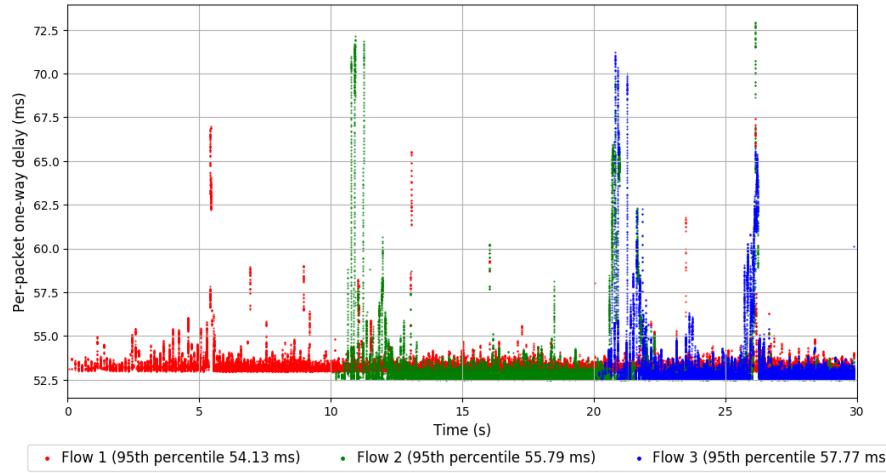
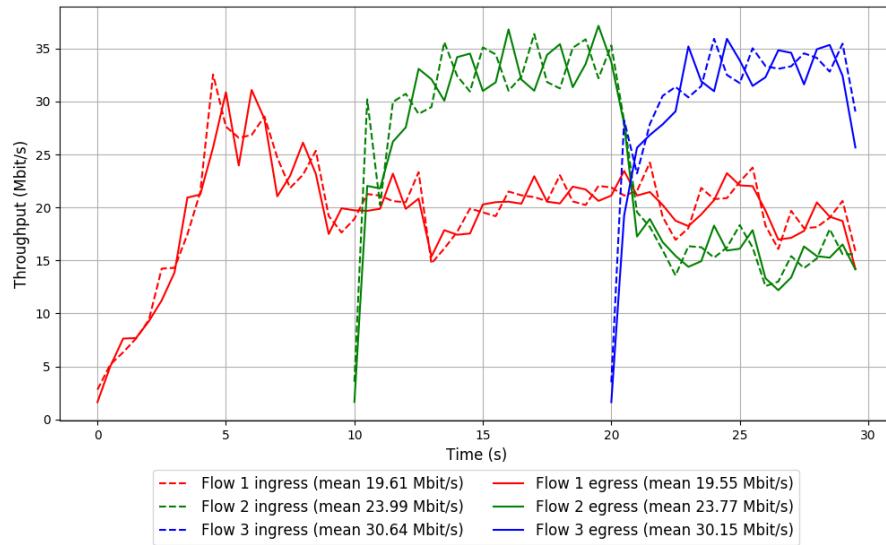


Run 3: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 23:50:03 +0000
End at: Sun, 09 Jul 2017 23:50:33 +0000
Local clock offset: 0.529 ms
Remote clock offset: -4.694 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.25 Mbit/s
95th percentile per-packet one-way delay: 54.939 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 19.55 Mbit/s
95th percentile per-packet one-way delay: 54.130 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 55.787 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 57.767 ms
Loss rate: 2.66%
```

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

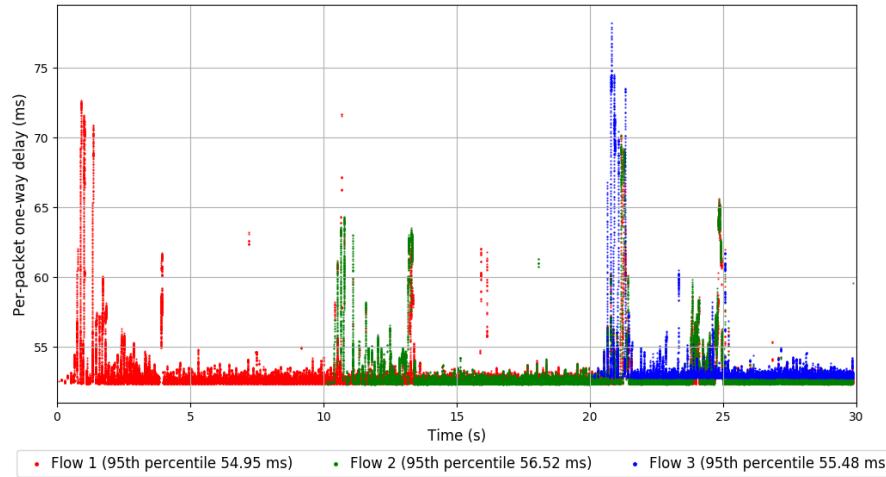
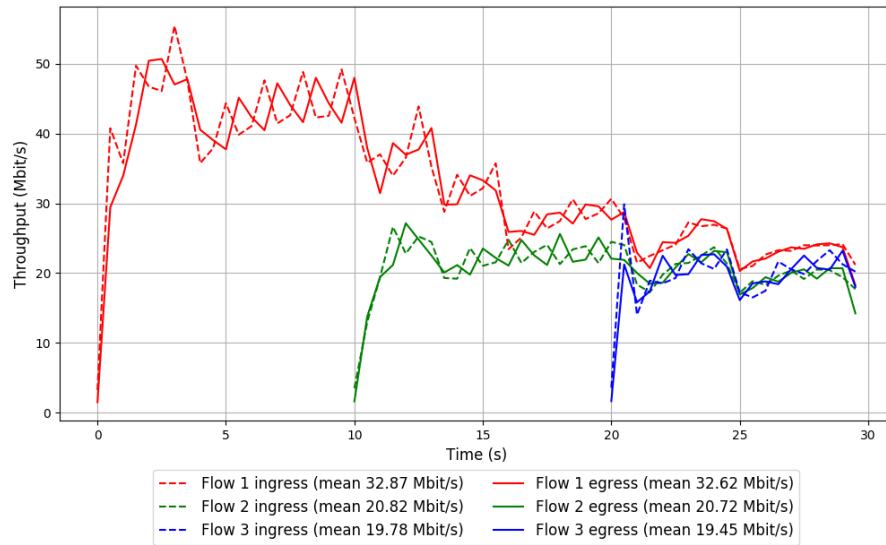


Run 4: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:08:34 +0000
End at: Mon, 10 Jul 2017 00:09:04 +0000
Local clock offset: 0.529 ms
Remote clock offset: -4.958 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:50:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.78 Mbit/s
95th percentile per-packet one-way delay: 55.485 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 32.62 Mbit/s
95th percentile per-packet one-way delay: 54.949 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 20.72 Mbit/s
95th percentile per-packet one-way delay: 56.523 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 19.45 Mbit/s
95th percentile per-packet one-way delay: 55.478 ms
Loss rate: 2.80%
```

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

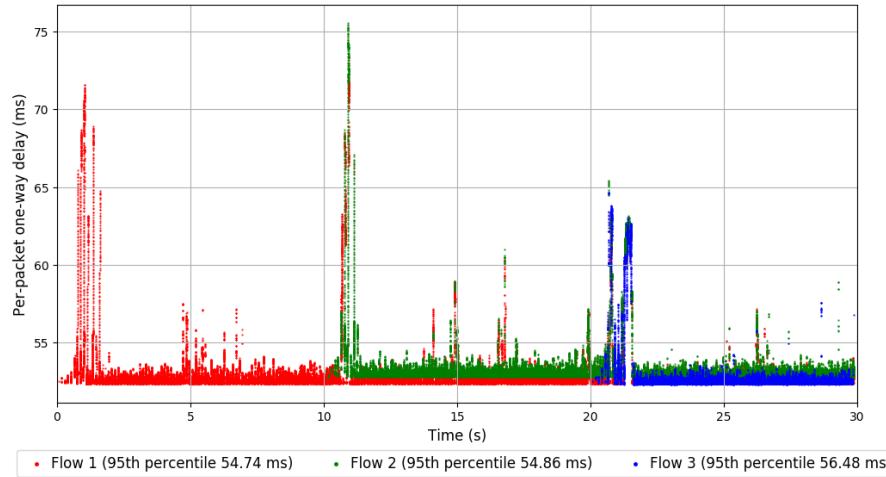
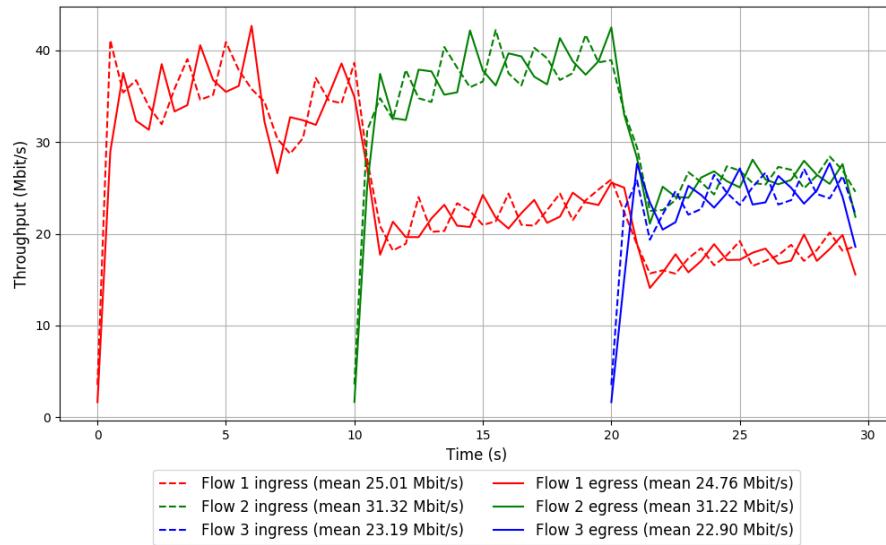


Run 5: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:27:12 +0000
End at: Mon, 10 Jul 2017 00:27:42 +0000
Local clock offset: 0.521 ms
Remote clock offset: -4.764 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 54.889 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 54.745 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 54.864 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 22.90 Mbit/s
95th percentile per-packet one-way delay: 56.481 ms
Loss rate: 2.10%
```

Run 5: Report of TCP Cubic — Data Link

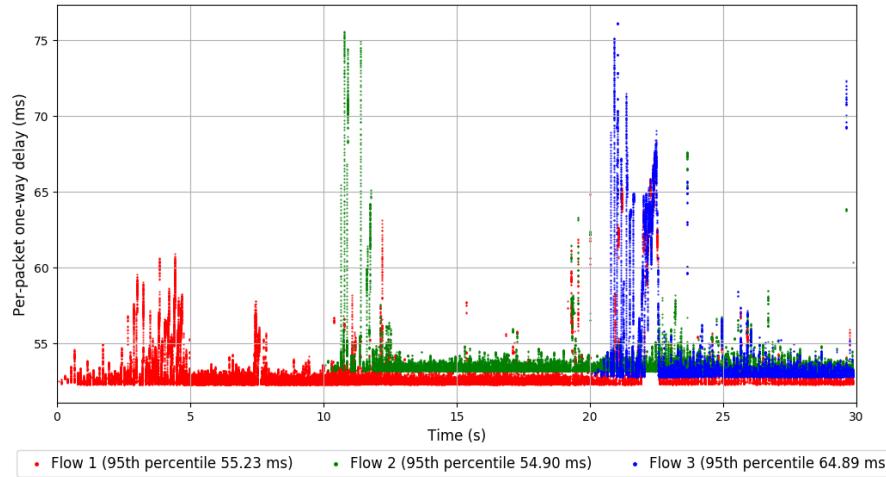
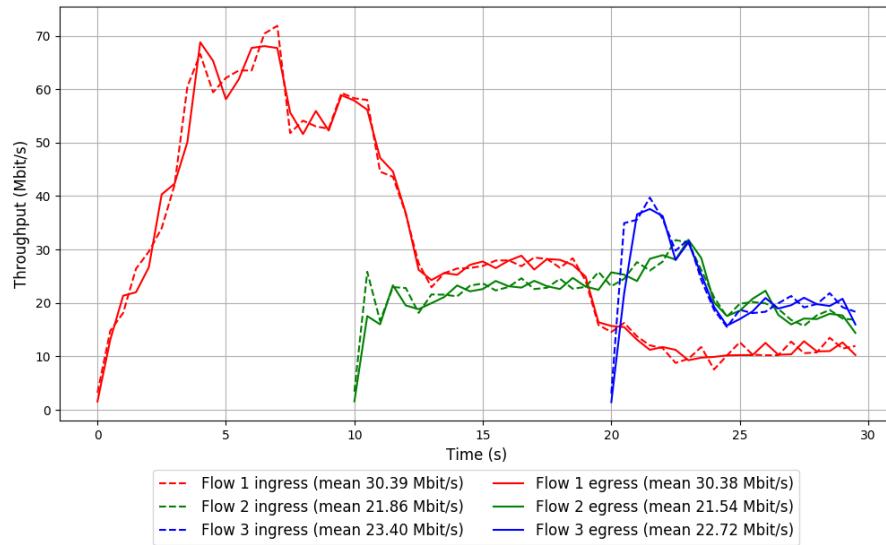


Run 6: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:45:49 +0000
End at: Mon, 10 Jul 2017 00:46:19 +0000
Local clock offset: 0.48 ms
Remote clock offset: -4.653 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.15 Mbit/s
95th percentile per-packet one-way delay: 56.337 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 30.38 Mbit/s
95th percentile per-packet one-way delay: 55.226 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 21.54 Mbit/s
95th percentile per-packet one-way delay: 54.898 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 22.72 Mbit/s
95th percentile per-packet one-way delay: 64.892 ms
Loss rate: 4.04%
```

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

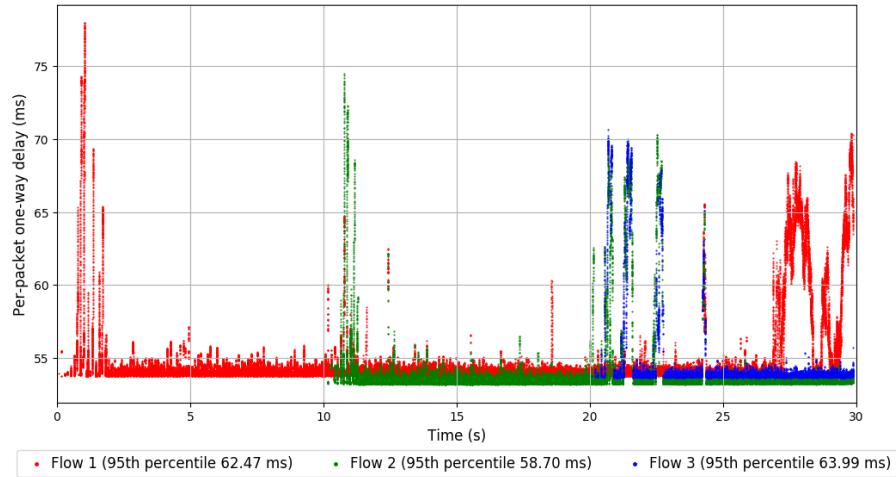
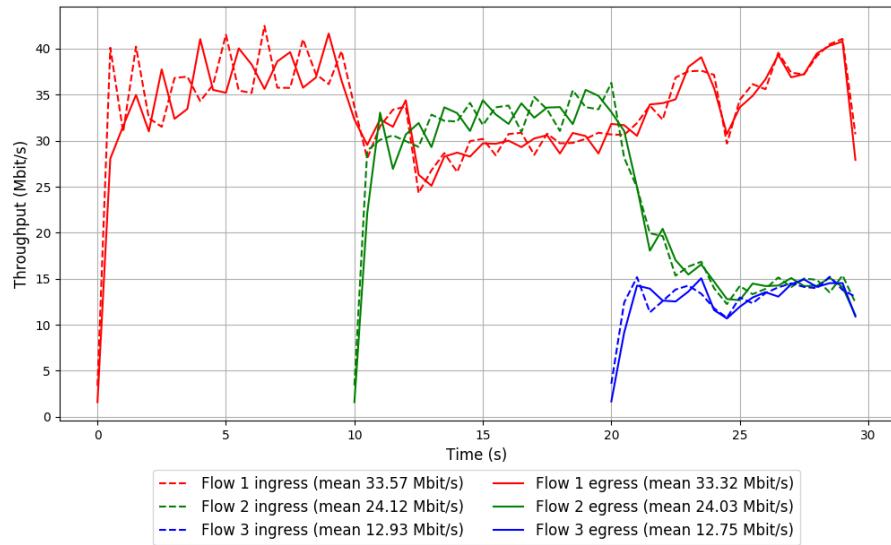


Run 7: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:04:14 +0000
End at: Mon, 10 Jul 2017 01:04:44 +0000
Local clock offset: 0.393 ms
Remote clock offset: -4.26 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.47 Mbit/s
95th percentile per-packet one-way delay: 61.876 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 62.466 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 58.700 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 12.75 Mbit/s
95th percentile per-packet one-way delay: 63.992 ms
Loss rate: 2.55%
```

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

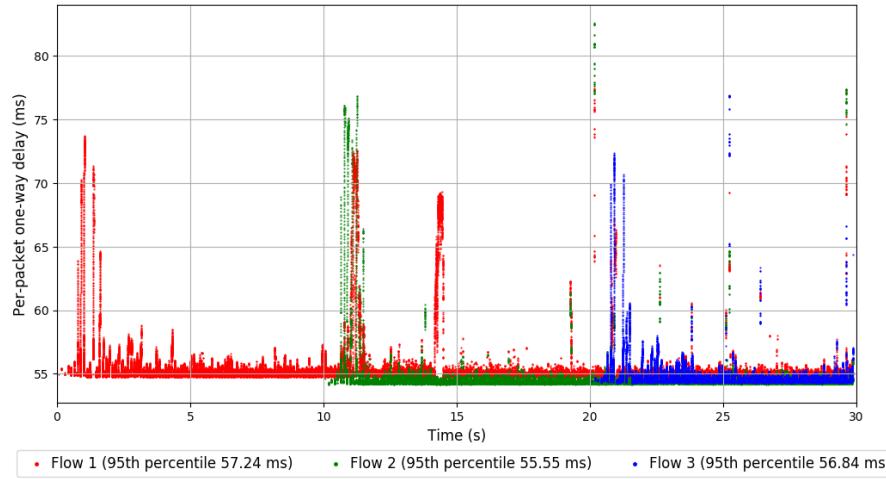
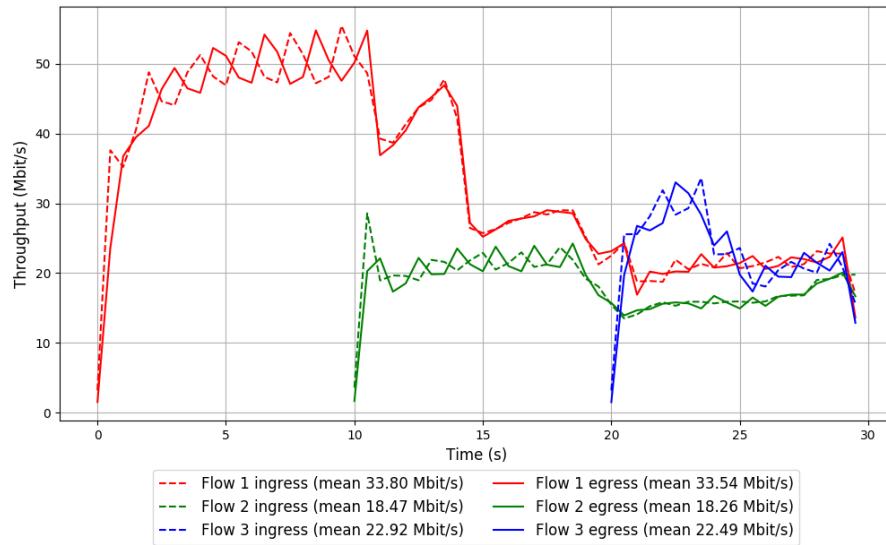


Run 8: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:22:49 +0000
End at: Mon, 10 Jul 2017 01:23:19 +0000
Local clock offset: 0.358 ms
Remote clock offset: -3.684 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 56.920 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 57.237 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 18.26 Mbit/s
95th percentile per-packet one-way delay: 55.549 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 22.49 Mbit/s
95th percentile per-packet one-way delay: 56.838 ms
Loss rate: 2.84%
```

Run 8: Report of TCP Cubic — Data Link

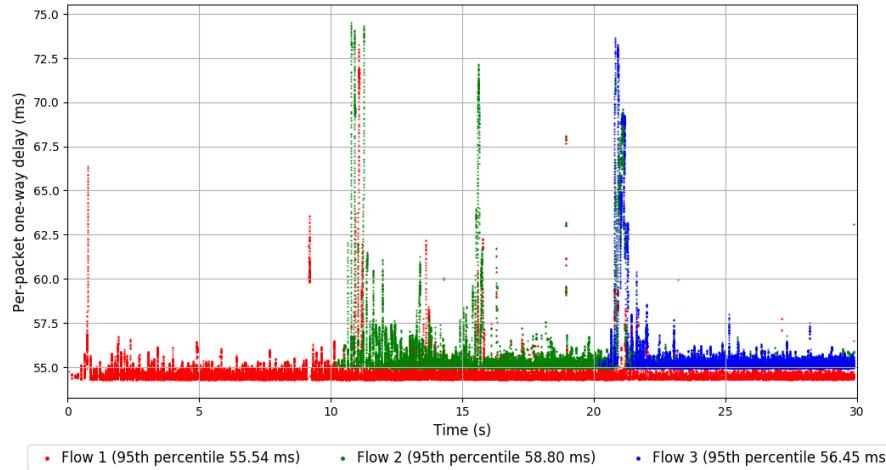
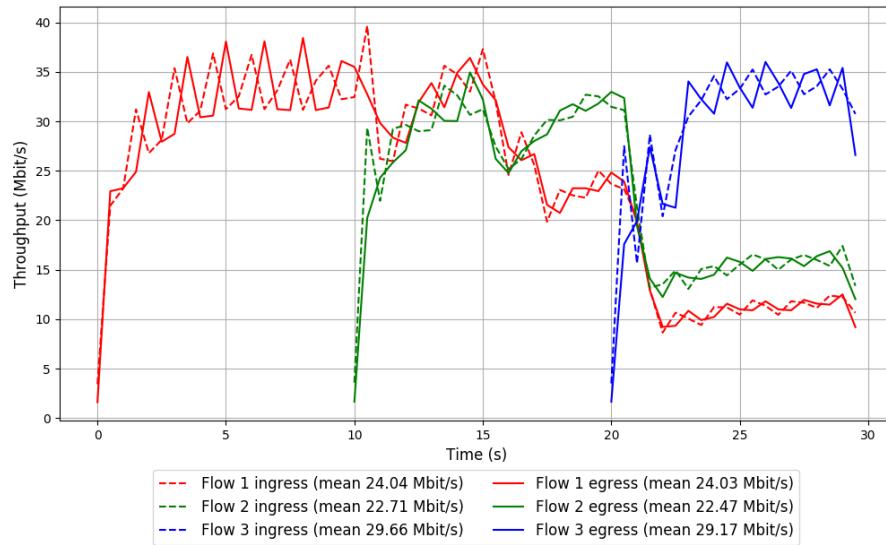


Run 9: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:41:29 +0000
End at: Mon, 10 Jul 2017 01:41:59 +0000
Local clock offset: 0.393 ms
Remote clock offset: -2.747 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 56.429 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 55.538 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 22.47 Mbit/s
95th percentile per-packet one-way delay: 58.795 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 29.17 Mbit/s
95th percentile per-packet one-way delay: 56.450 ms
Loss rate: 2.64%
```

Run 9: Report of TCP Cubic — Data Link

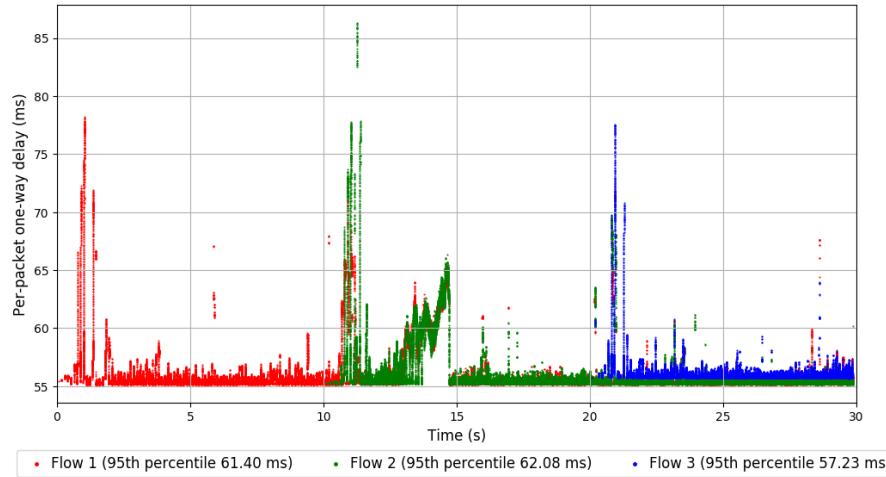
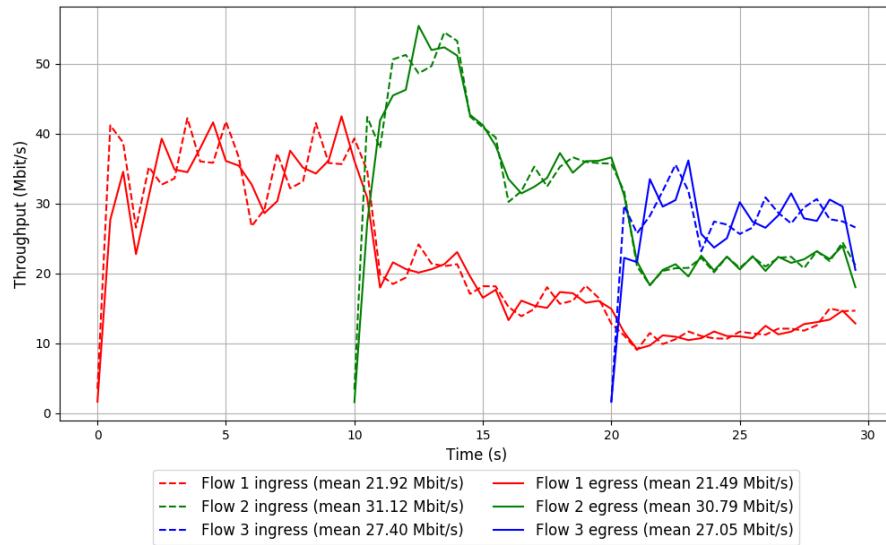


```
Run 10: Statistics of TCP Cubic
```

```
Start at: Mon, 10 Jul 2017 01:59:48 +0000
End at: Mon, 10 Jul 2017 02:00:18 +0000
Local clock offset: 0.41 ms
Remote clock offset: -2.435 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: 61.354 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 61.404 ms
Loss rate: 2.34%
-- Flow 2:
Average throughput: 30.79 Mbit/s
95th percentile per-packet one-way delay: 62.075 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 27.05 Mbit/s
95th percentile per-packet one-way delay: 57.227 ms
Loss rate: 2.45%
```

Run 10: Report of TCP Cubic — Data Link

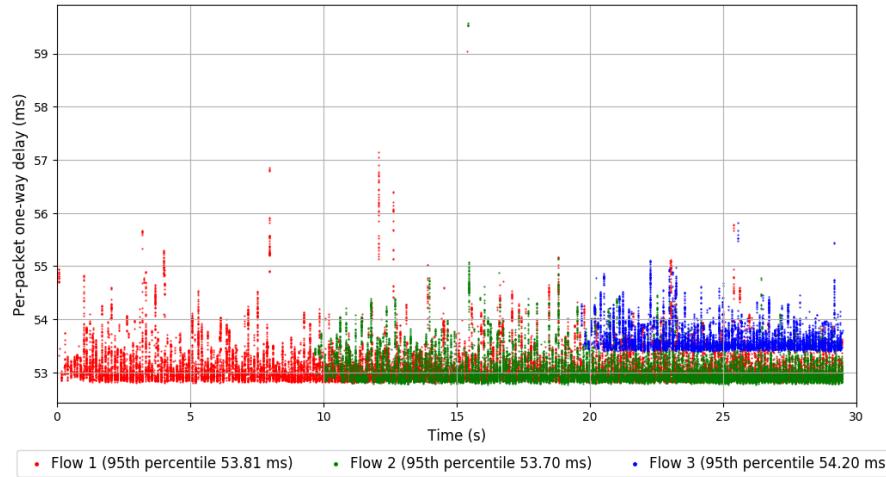
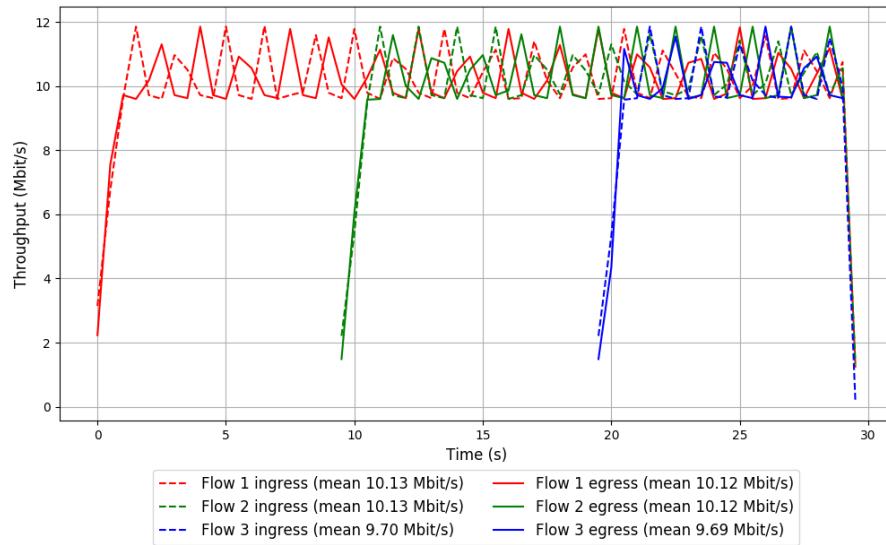


```
Run 1: Statistics of KohoCC
```

```
Start at: Sun, 09 Jul 2017 23:15:22 +0000
End at: Sun, 09 Jul 2017 23:15:52 +0000
Local clock offset: 0.527 ms
Remote clock offset: -4.97 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 53.911 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 10.12 Mbit/s
95th percentile per-packet one-way delay: 53.812 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 10.12 Mbit/s
95th percentile per-packet one-way delay: 53.703 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 54.199 ms
Loss rate: 1.25%
```

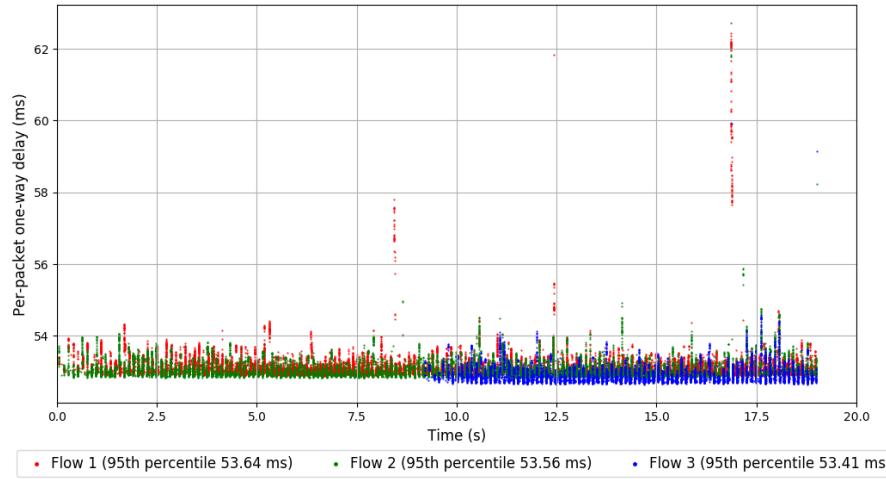
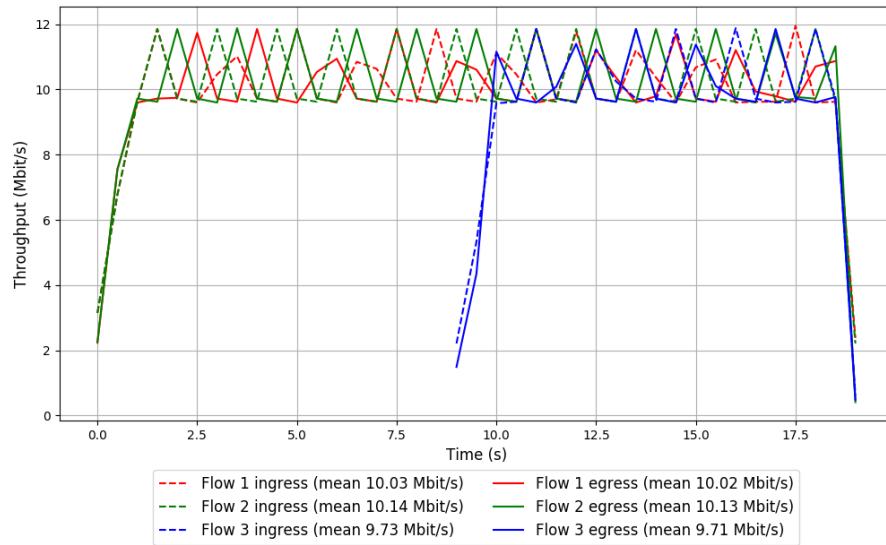
Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 23:34:10 +0000  
End at: Sun, 09 Jul 2017 23:34:40 +0000  
Local clock offset: 0.524 ms  
Remote clock offset: -4.539 ms

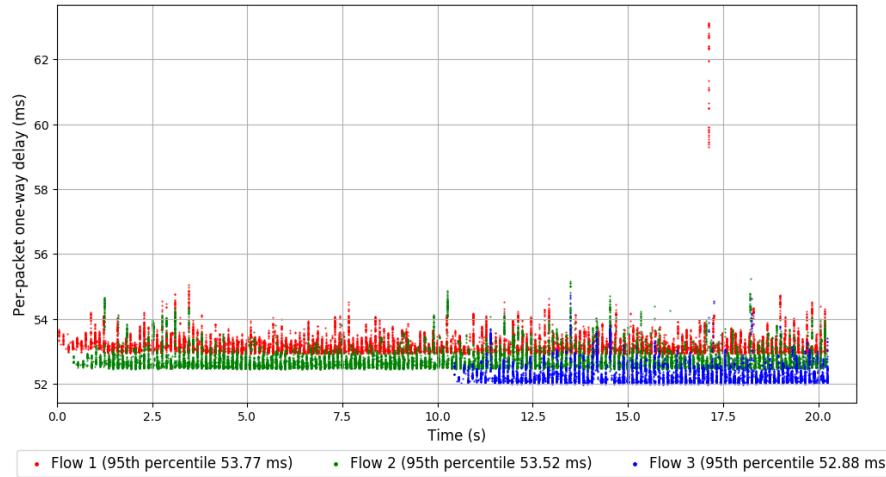
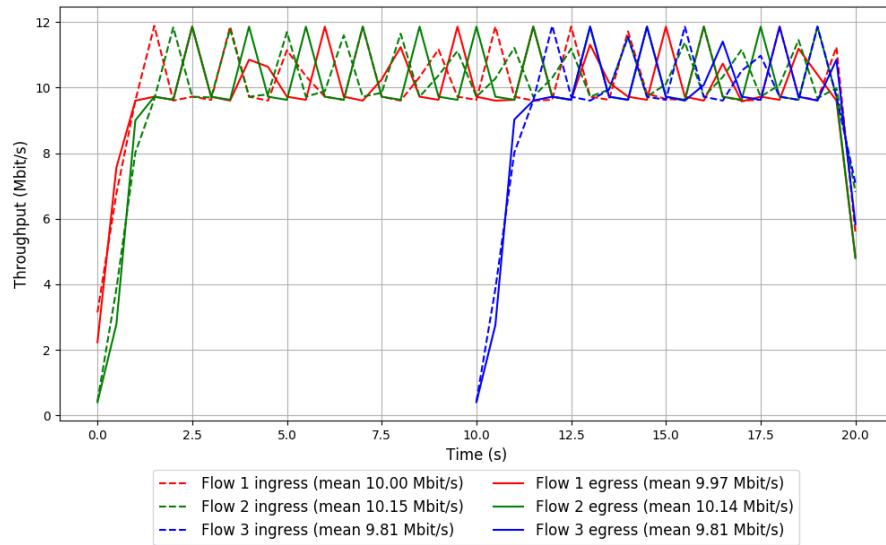
Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 23:52:32 +0000  
End at: Sun, 09 Jul 2017 23:53:02 +0000  
Local clock offset: 0.528 ms  
Remote clock offset: -4.859 ms

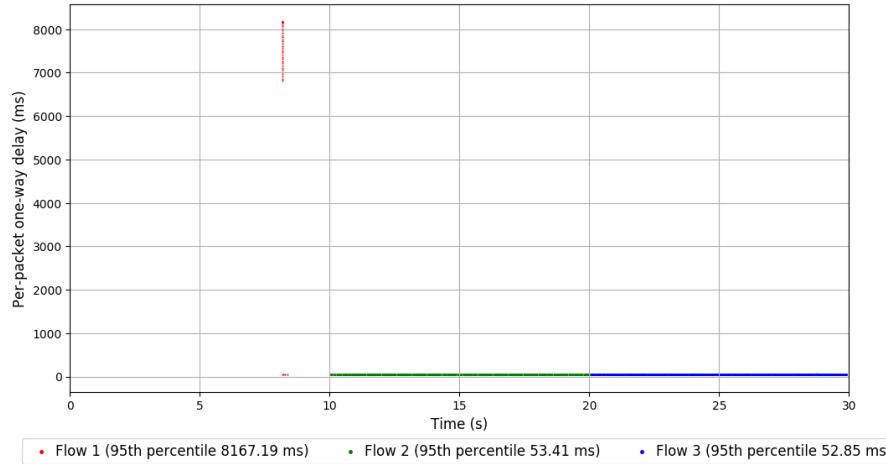
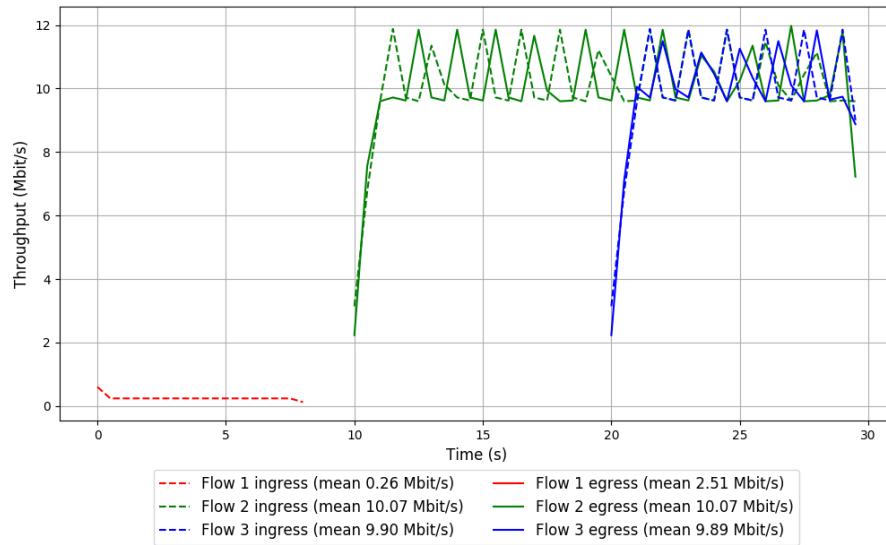
Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Mon, 10 Jul 2017 00:11:09 +0000  
End at: Mon, 10 Jul 2017 00:11:39 +0000  
Local clock offset: 0.541 ms  
Remote clock offset: -5.008 ms

## Run 4: Report of KohoCC — Data Link

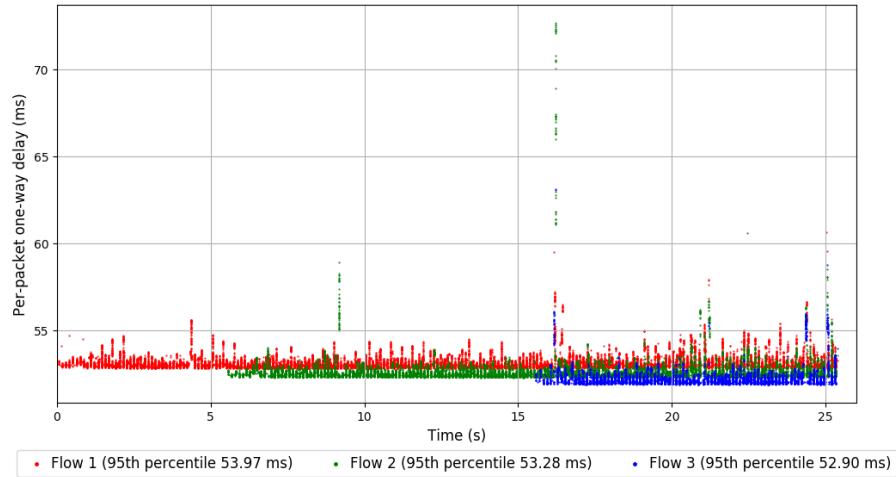
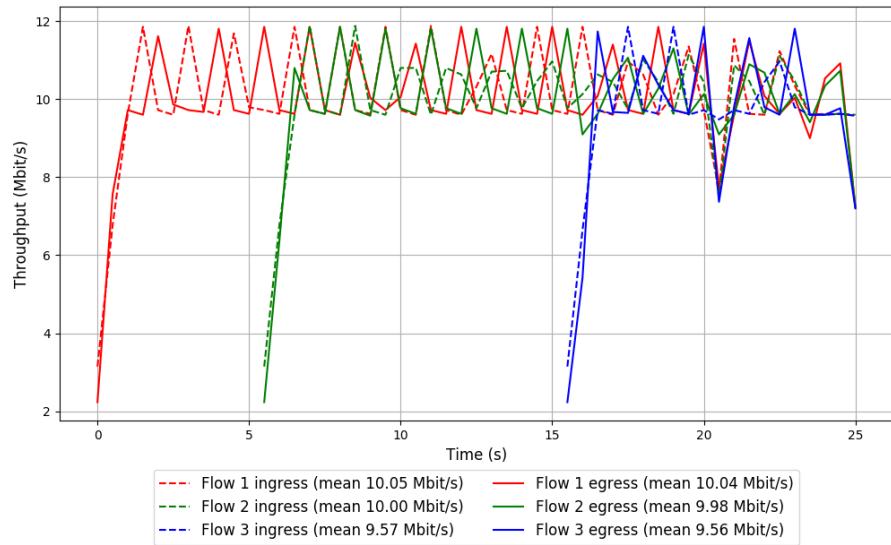


Run 5: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:29:39 +0000
End at: Mon, 10 Jul 2017 00:30:09 +0000
Local clock offset: 0.538 ms
Remote clock offset: -5.23 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.54 Mbit/s
95th percentile per-packet one-way delay: 53.689 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 53.969 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 9.98 Mbit/s
95th percentile per-packet one-way delay: 53.276 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 52.903 ms
Loss rate: 1.28%
```

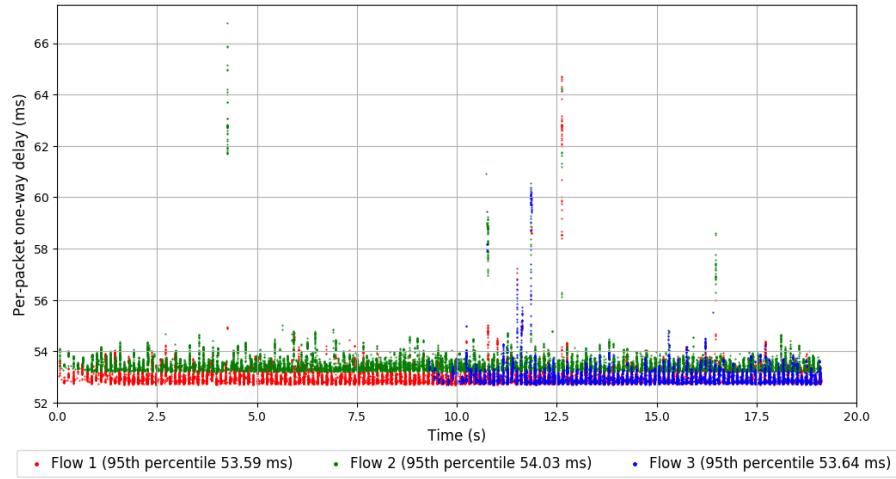
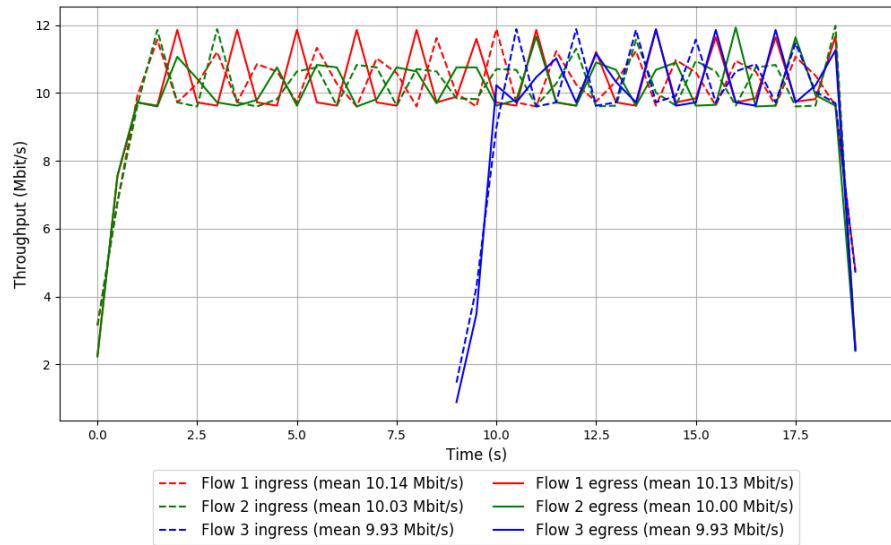
Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Mon, 10 Jul 2017 00:48:17 +0000  
End at: Mon, 10 Jul 2017 00:48:47 +0000  
Local clock offset: 0.463 ms  
Remote clock offset: -4.803 ms

Run 6: Report of KohoCC — Data Link

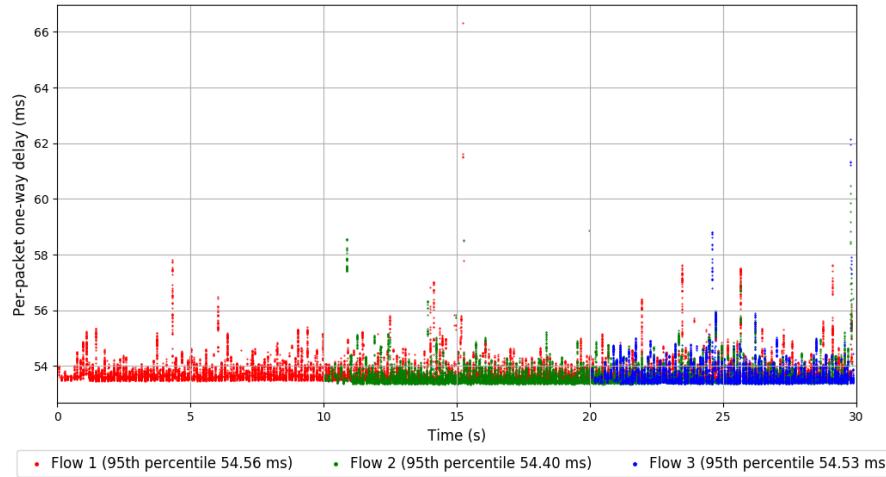
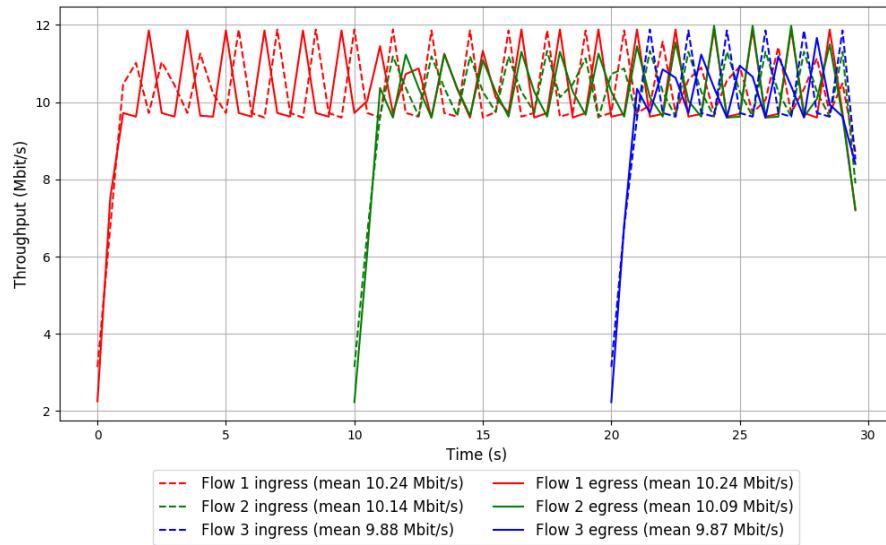


Run 7: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:06:53 +0000
End at: Mon, 10 Jul 2017 01:07:23 +0000
Local clock offset: 0.421 ms
Remote clock offset: -3.915 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.17 Mbit/s
95th percentile per-packet one-way delay: 54.516 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 10.24 Mbit/s
95th percentile per-packet one-way delay: 54.557 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 10.09 Mbit/s
95th percentile per-packet one-way delay: 54.395 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 9.87 Mbit/s
95th percentile per-packet one-way delay: 54.527 ms
Loss rate: 1.21%
```

Run 7: Report of KohoCC — Data Link

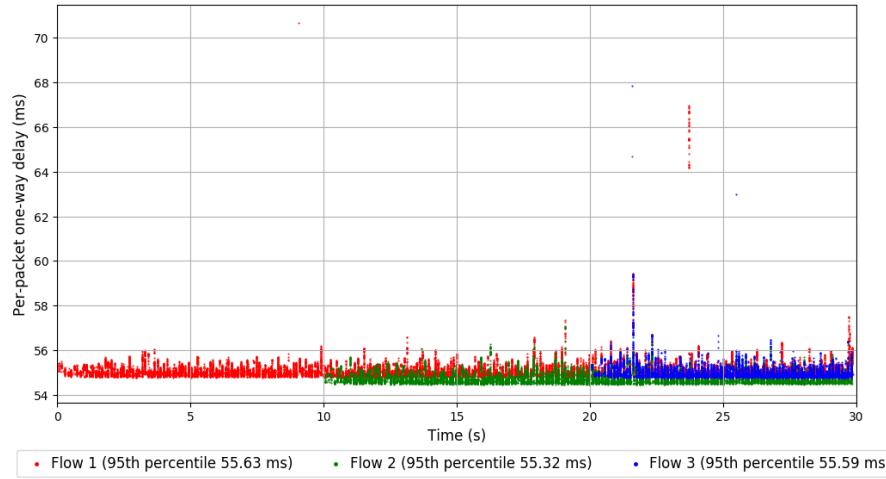
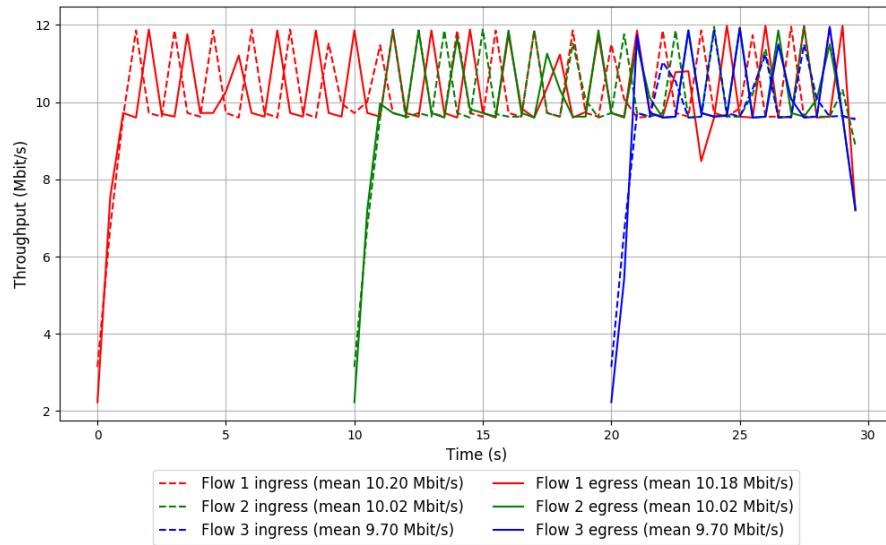


Run 8: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:25:17 +0000
End at: Mon, 10 Jul 2017 01:25:47 +0000
Local clock offset: 0.382 ms
Remote clock offset: -3.605 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.00 Mbit/s
95th percentile per-packet one-way delay: 55.533 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 10.18 Mbit/s
95th percentile per-packet one-way delay: 55.628 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 55.321 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 55.594 ms
Loss rate: 1.25%
```

## Run 8: Report of KohoCC — Data Link

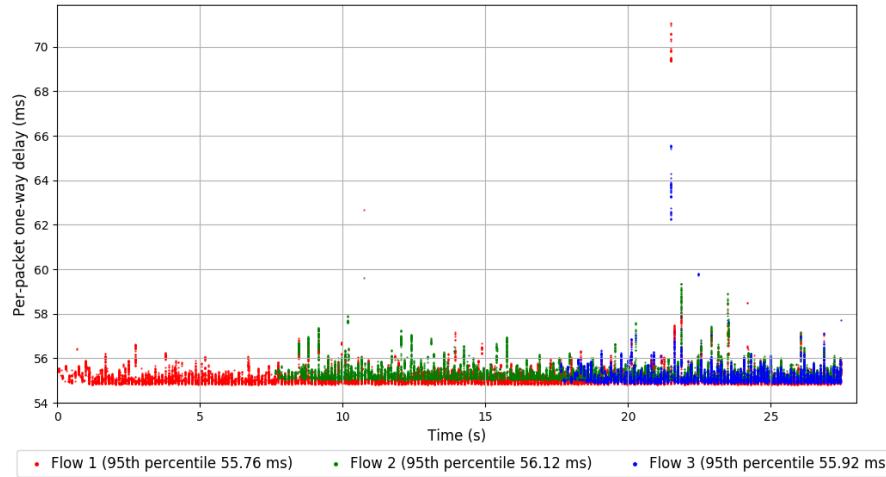
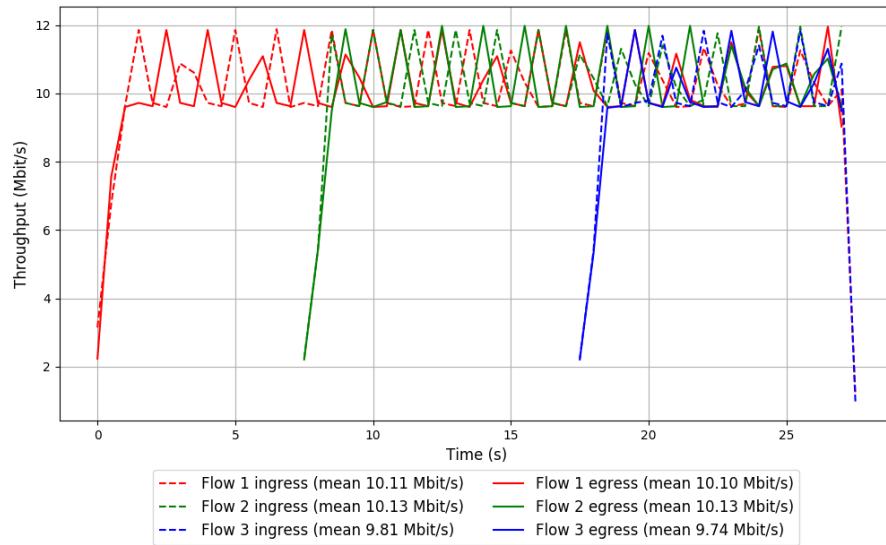


Run 9: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:43:55 +0000
End at: Mon, 10 Jul 2017 01:44:25 +0000
Local clock offset: 0.316 ms
Remote clock offset: -2.506 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.91 Mbit/s
95th percentile per-packet one-way delay: 55.931 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 10.10 Mbit/s
95th percentile per-packet one-way delay: 55.758 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 56.120 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 9.74 Mbit/s
95th percentile per-packet one-way delay: 55.916 ms
Loss rate: 1.79%
```

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

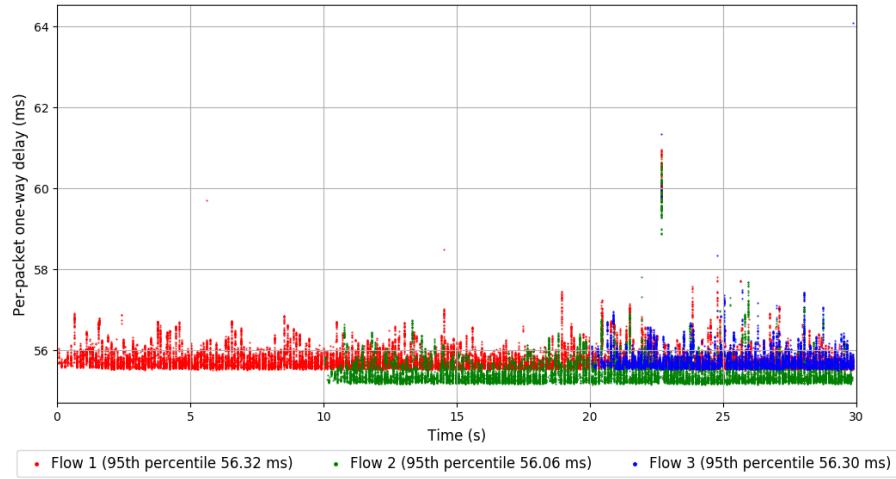
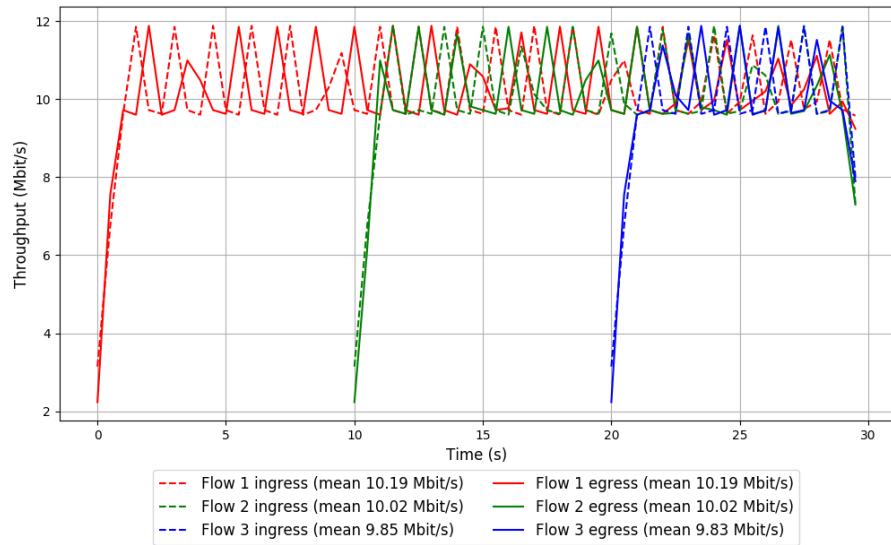


Run 10: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 02:02:16 +0000
End at: Mon, 10 Jul 2017 02:02:46 +0000
Local clock offset: 0.345 ms
Remote clock offset: -2.188 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 56.254 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 10.19 Mbit/s
95th percentile per-packet one-way delay: 56.316 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 56.058 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 9.83 Mbit/s
95th percentile per-packet one-way delay: 56.299 ms
Loss rate: 1.22%
```

## Run 10: Report of KohoCC — Data Link

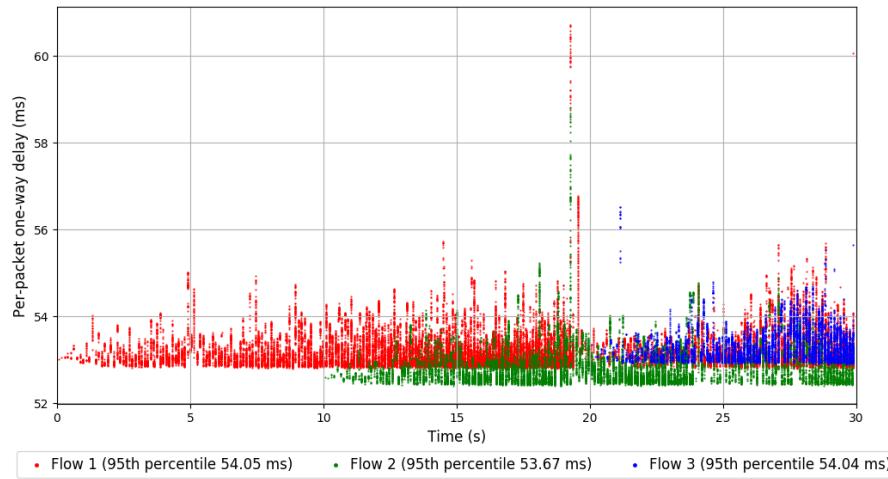
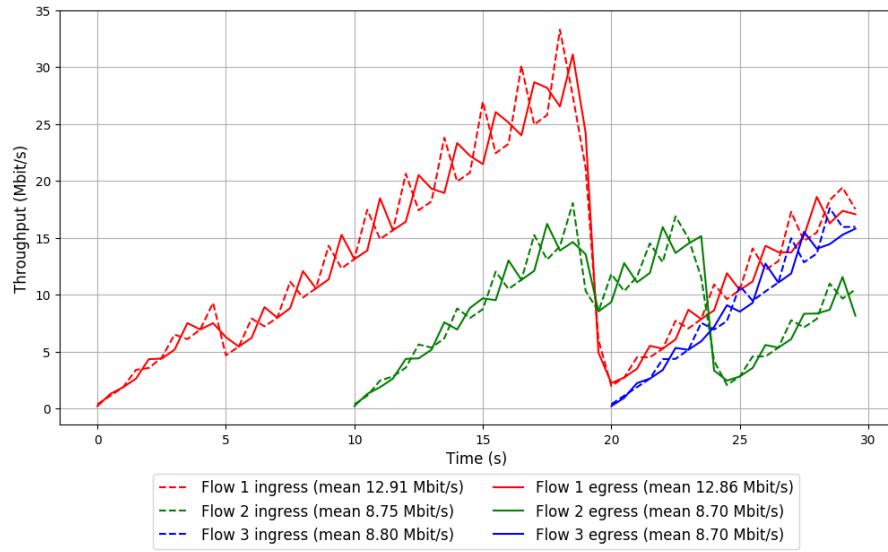


```
Run 1: Statistics of LEDBAT
```

```
Start at: Sun, 09 Jul 2017 23:17:47 +0000
End at: Sun, 09 Jul 2017 23:18:17 +0000
Local clock offset: 0.449 ms
Remote clock offset: -4.413 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.50 Mbit/s
95th percentile per-packet one-way delay: 53.989 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 12.86 Mbit/s
95th percentile per-packet one-way delay: 54.051 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 53.667 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 54.041 ms
Loss rate: 2.30%
```

Run 1: Report of LEDBAT — Data Link

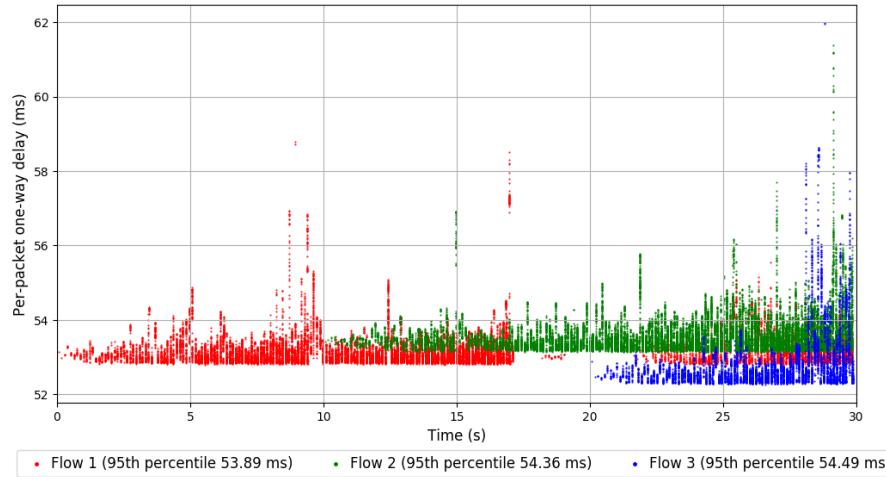
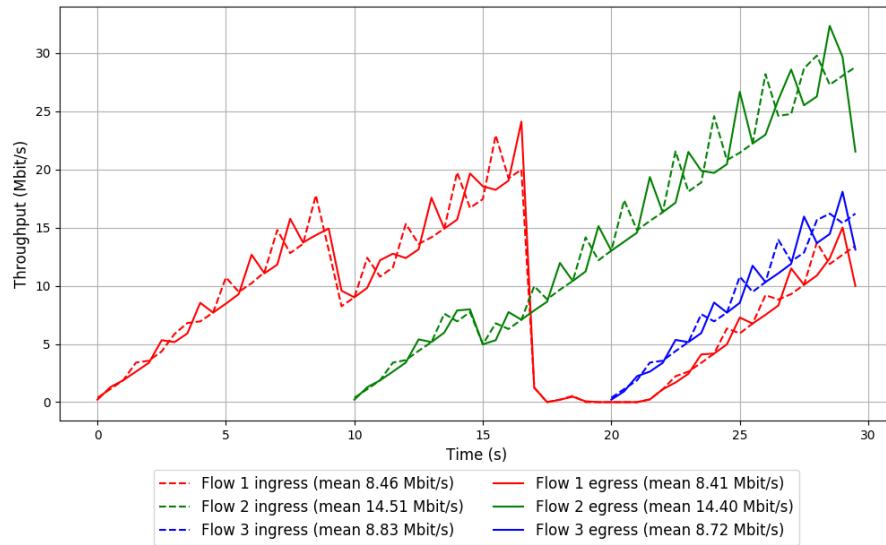


Run 2: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:36:34 +0000
End at: Sun, 09 Jul 2017 23:37:04 +0000
Local clock offset: 0.524 ms
Remote clock offset: -4.853 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.83 Mbit/s
95th percentile per-packet one-way delay: 54.238 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 53.889 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 14.40 Mbit/s
95th percentile per-packet one-way delay: 54.363 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 54.487 ms
Loss rate: 2.36%
```

Run 2: Report of LEDBAT — Data Link

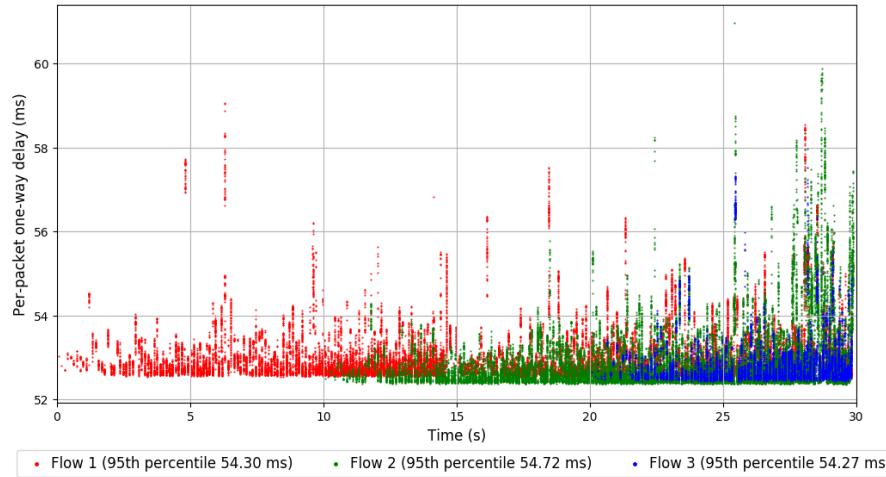
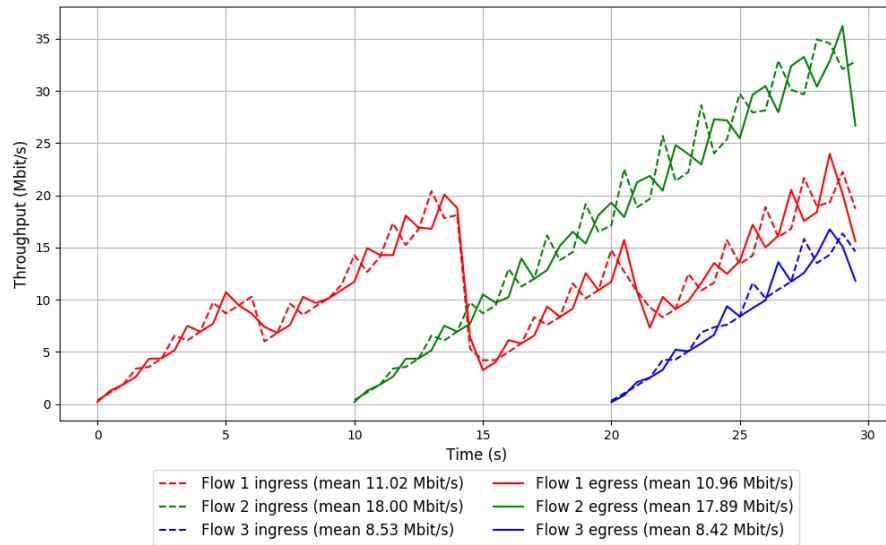


Run 3: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:54:55 +0000
End at: Sun, 09 Jul 2017 23:55:25 +0000
Local clock offset: 0.468 ms
Remote clock offset: -5.268 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.59 Mbit/s
95th percentile per-packet one-way delay: 54.491 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 54.299 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 17.89 Mbit/s
95th percentile per-packet one-way delay: 54.715 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 8.42 Mbit/s
95th percentile per-packet one-way delay: 54.267 ms
Loss rate: 2.39%
```

Run 3: Report of LEDBAT — Data Link

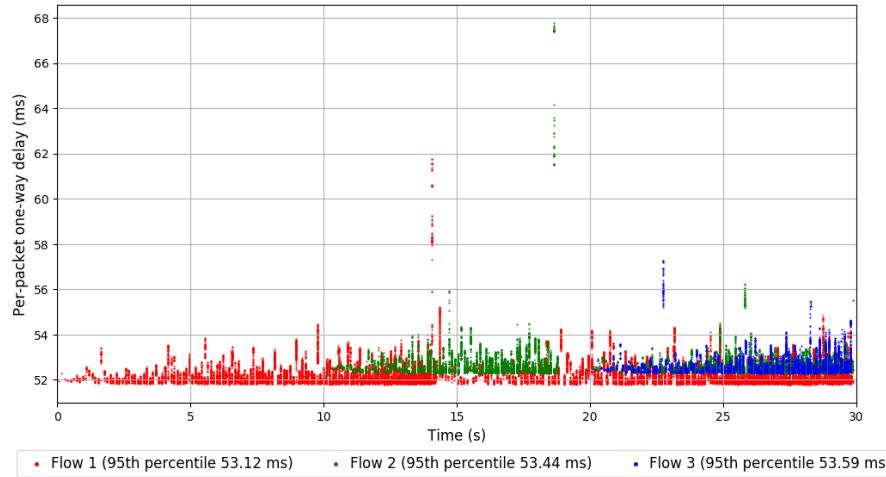
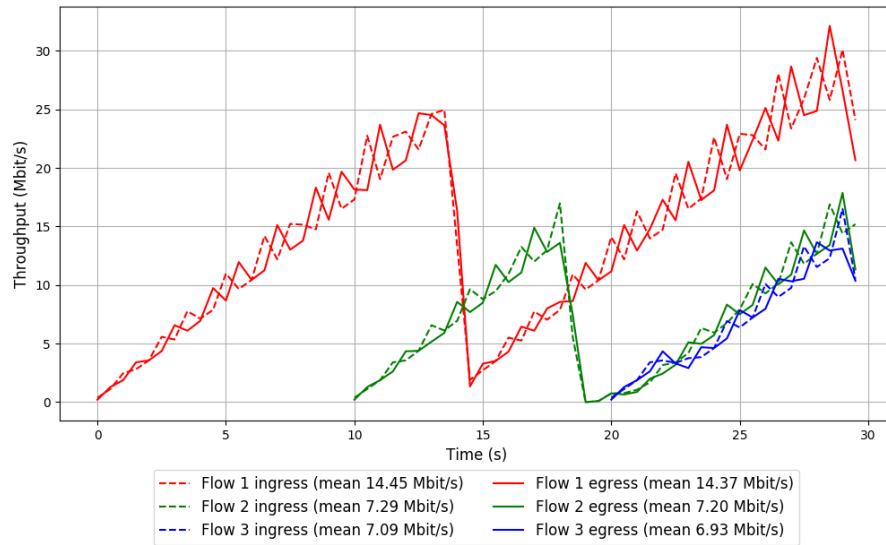


Run 4: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:13:31 +0000
End at: Mon, 10 Jul 2017 00:14:01 +0000
Local clock offset: 0.528 ms
Remote clock offset: -4.801 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 53.293 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 14.37 Mbit/s
95th percentile per-packet one-way delay: 53.117 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 53.442 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 6.93 Mbit/s
95th percentile per-packet one-way delay: 53.586 ms
Loss rate: 2.56%
```

Run 4: Report of LEDBAT — Data Link

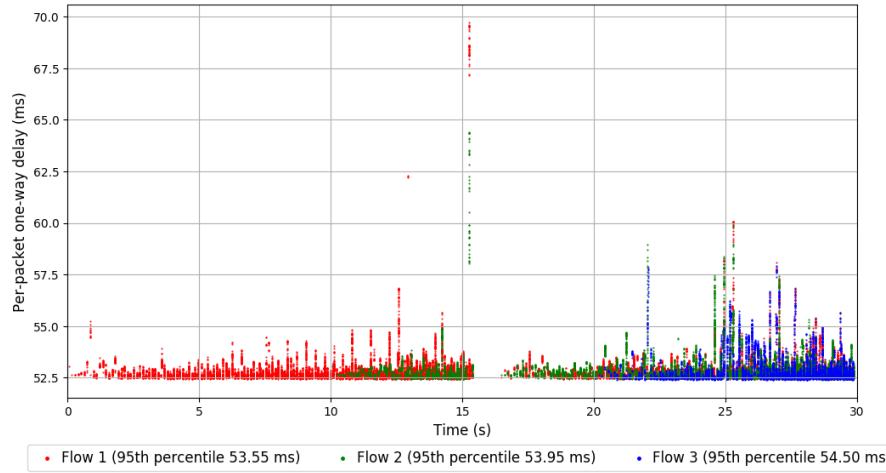
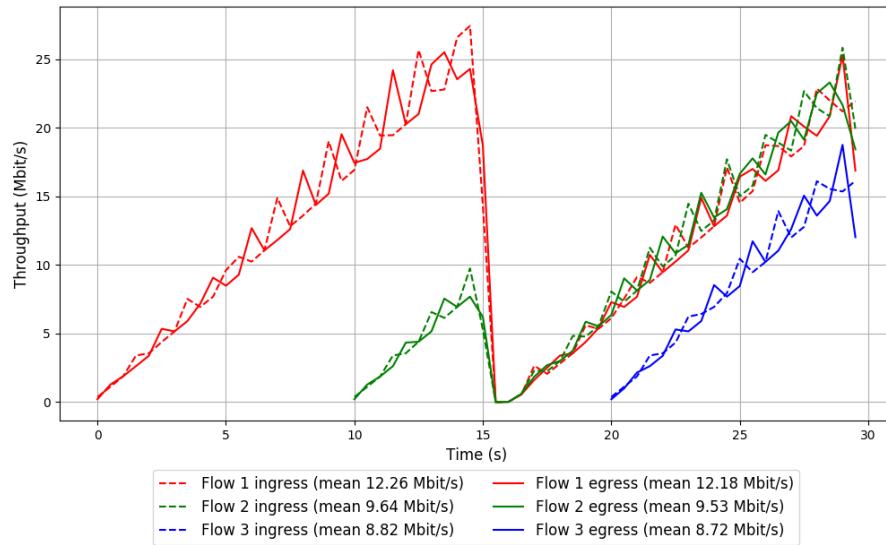


Run 5: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:32:01 +0000
End at: Mon, 10 Jul 2017 00:32:31 +0000
Local clock offset: 0.544 ms
Remote clock offset: -5.218 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.36 Mbit/s
95th percentile per-packet one-way delay: 53.825 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 12.18 Mbit/s
95th percentile per-packet one-way delay: 53.549 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 53.945 ms
Loss rate: 1.78%
-- Flow 3:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 54.503 ms
Loss rate: 2.36%
```

Run 5: Report of LEDBAT — Data Link

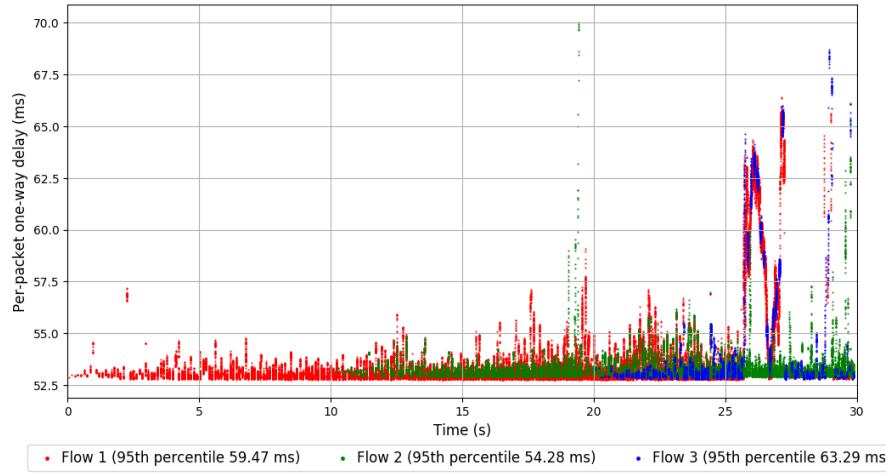
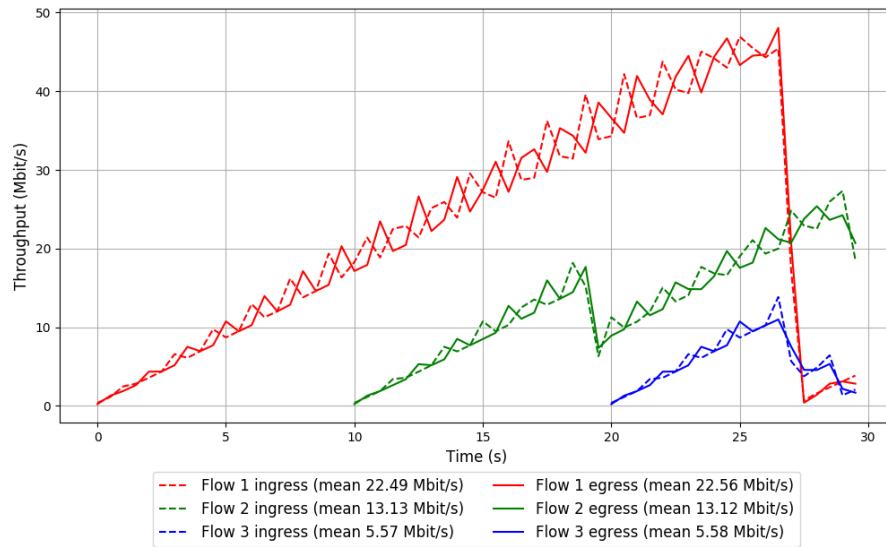


Run 6: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:50:36 +0000
End at: Mon, 10 Jul 2017 00:51:06 +0000
Local clock offset: 0.475 ms
Remote clock offset: -4.649 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.05 Mbit/s
95th percentile per-packet one-way delay: 58.875 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 22.56 Mbit/s
95th percentile per-packet one-way delay: 59.466 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 54.276 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 5.58 Mbit/s
95th percentile per-packet one-way delay: 63.293 ms
Loss rate: 1.06%
```

Run 6: Report of LEDBAT — Data Link

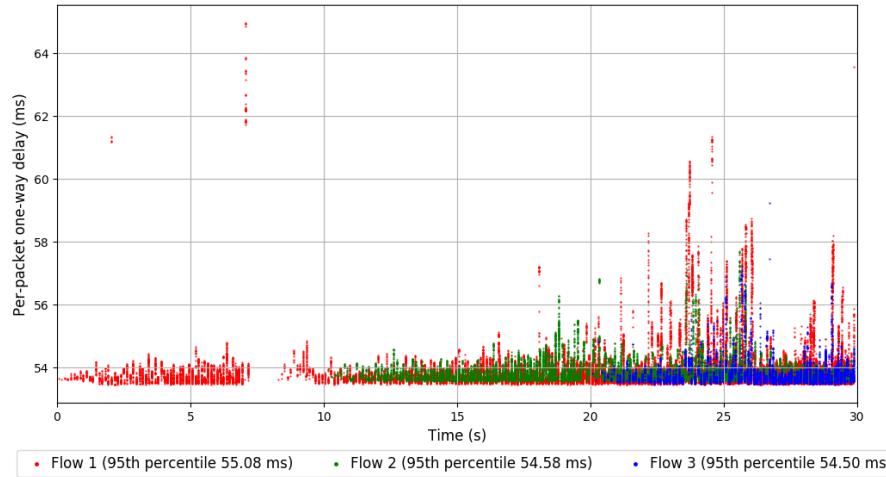
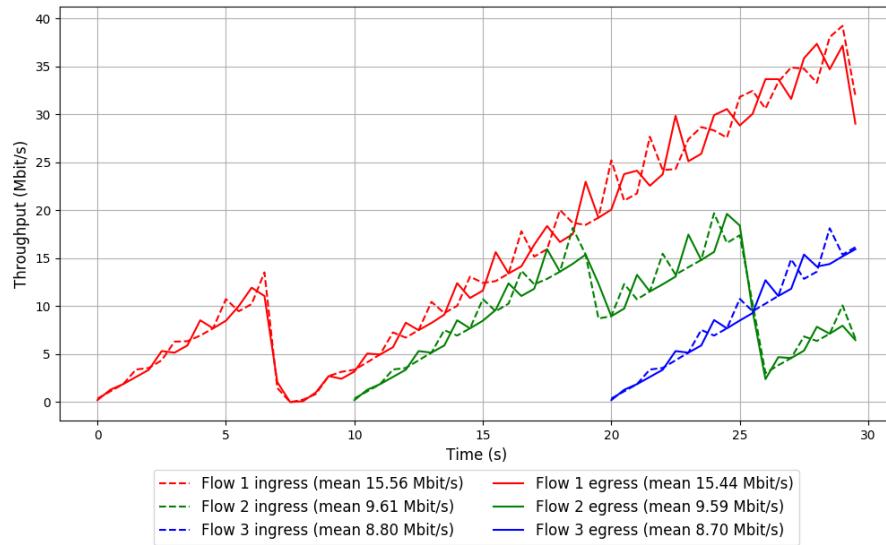


Run 7: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:09:14 +0000
End at: Mon, 10 Jul 2017 01:09:44 +0000
Local clock offset: 0.443 ms
Remote clock offset: -4.335 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 54.853 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 55.081 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 9.59 Mbit/s
95th percentile per-packet one-way delay: 54.579 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 54.499 ms
Loss rate: 2.36%
```

Run 7: Report of LEDBAT — Data Link

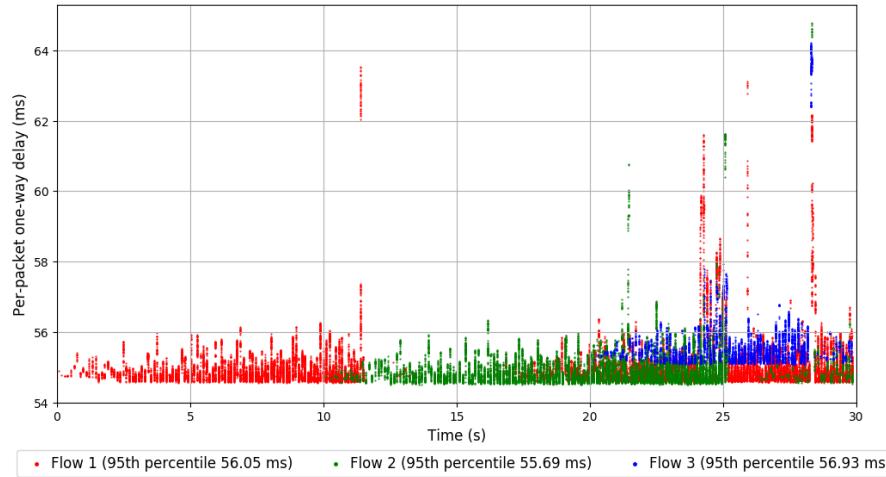
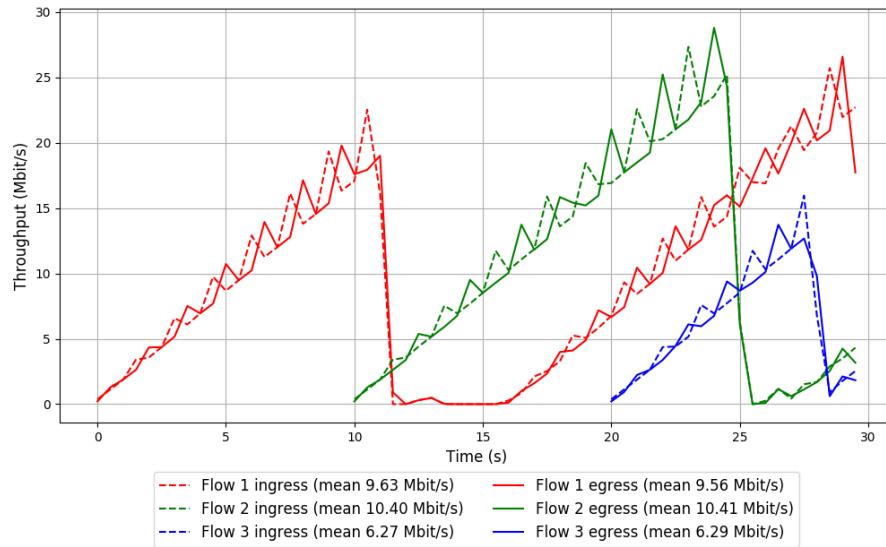


Run 8: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:27:40 +0000
End at: Mon, 10 Jul 2017 01:28:10 +0000
Local clock offset: 0.382 ms
Remote clock offset: -3.467 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.53 Mbit/s
95th percentile per-packet one-way delay: 56.035 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 56.046 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 10.41 Mbit/s
95th percentile per-packet one-way delay: 55.688 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 6.29 Mbit/s
95th percentile per-packet one-way delay: 56.929 ms
Loss rate: 0.76%
```

Run 8: Report of LEDBAT — Data Link

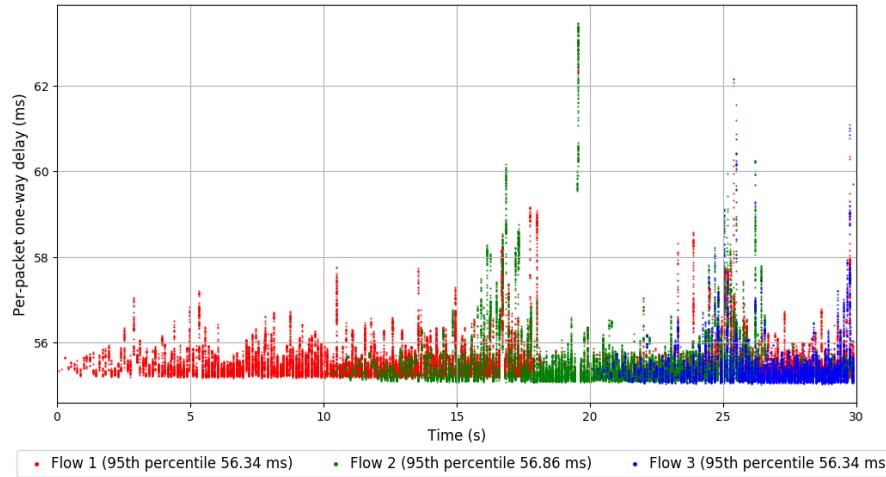
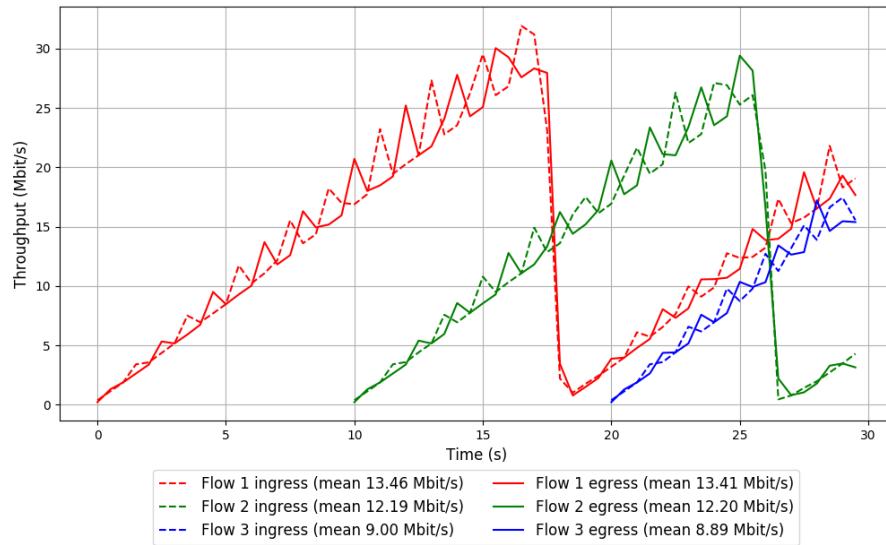


Run 9: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:46:19 +0000
End at: Mon, 10 Jul 2017 01:46:49 +0000
Local clock offset: 0.364 ms
Remote clock offset: -2.401 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:51:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 56.499 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 13.41 Mbit/s
95th percentile per-packet one-way delay: 56.343 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 12.20 Mbit/s
95th percentile per-packet one-way delay: 56.856 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 8.89 Mbit/s
95th percentile per-packet one-way delay: 56.345 ms
Loss rate: 2.33%
```

Run 9: Report of LEDBAT — Data Link

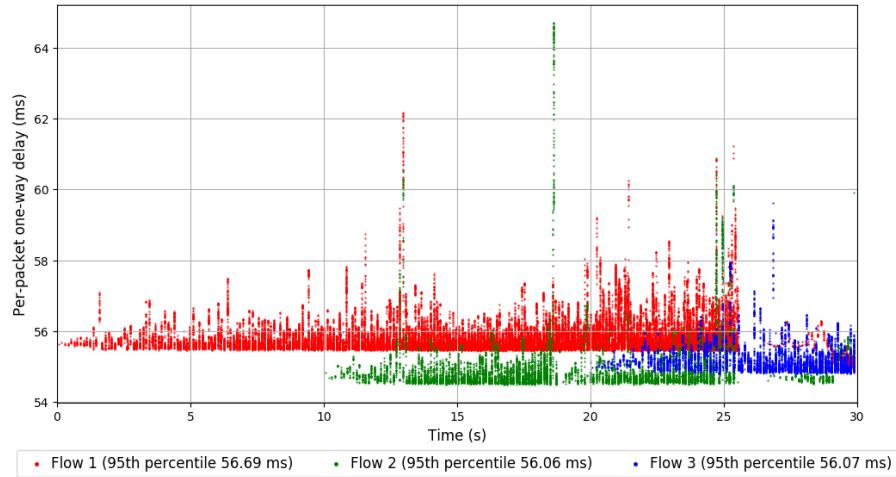
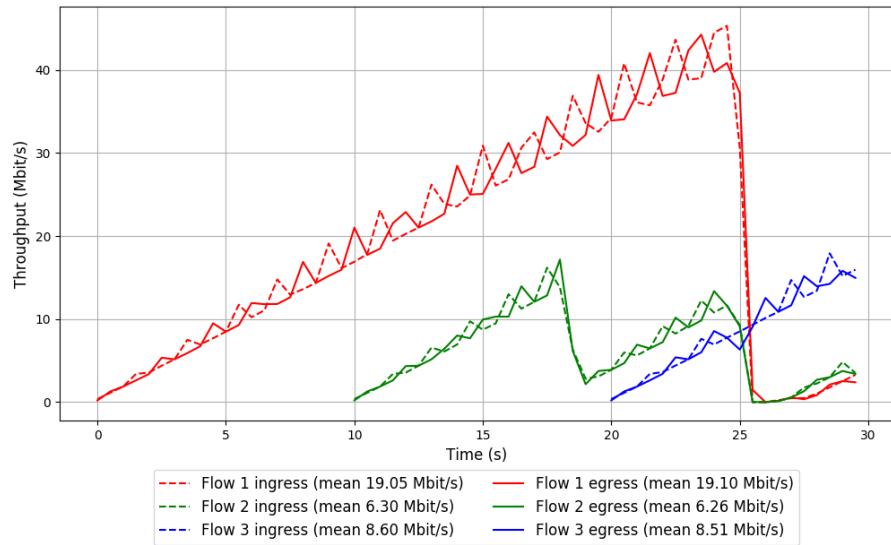


Run 10: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 02:04:38 +0000
End at: Mon, 10 Jul 2017 02:05:08 +0000
Local clock offset: 0.343 ms
Remote clock offset: -2.518 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 56.624 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 19.10 Mbit/s
95th percentile per-packet one-way delay: 56.685 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 56.063 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 56.069 ms
Loss rate: 2.37%
```

## Run 10: Report of LEDBAT — Data Link

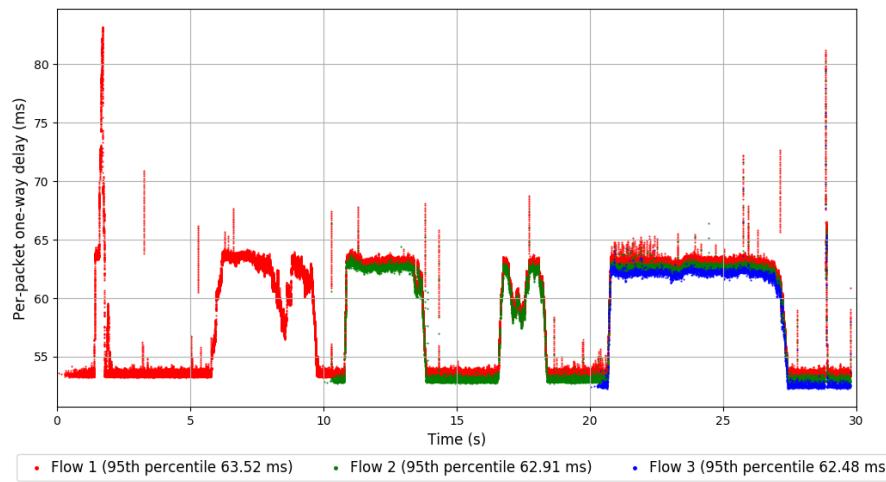
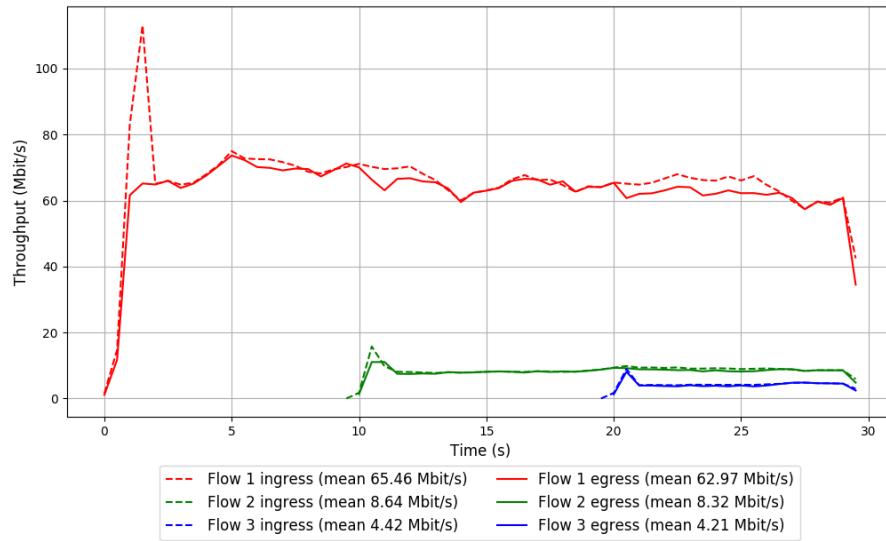


Run 1: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:14:09 +0000
End at: Sun, 09 Jul 2017 23:14:39 +0000
Local clock offset: 0.514 ms
Remote clock offset: -4.419 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.88 Mbit/s
95th percentile per-packet one-way delay: 63.489 ms
Loss rate: 4.19%
-- Flow 1:
Average throughput: 62.97 Mbit/s
95th percentile per-packet one-way delay: 63.516 ms
Loss rate: 4.14%
-- Flow 2:
Average throughput: 8.32 Mbit/s
95th percentile per-packet one-way delay: 62.909 ms
Loss rate: 4.32%
-- Flow 3:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 62.485 ms
Loss rate: 5.95%
```

Run 1: Report of PCC — Data Link

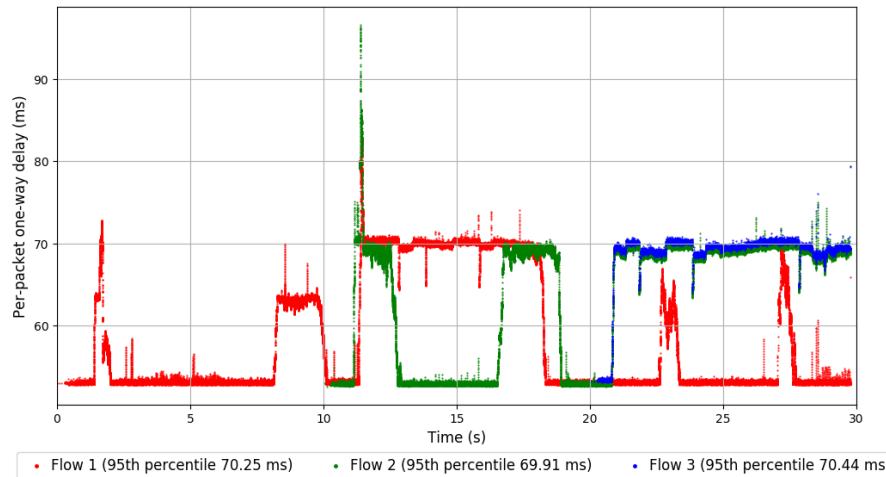
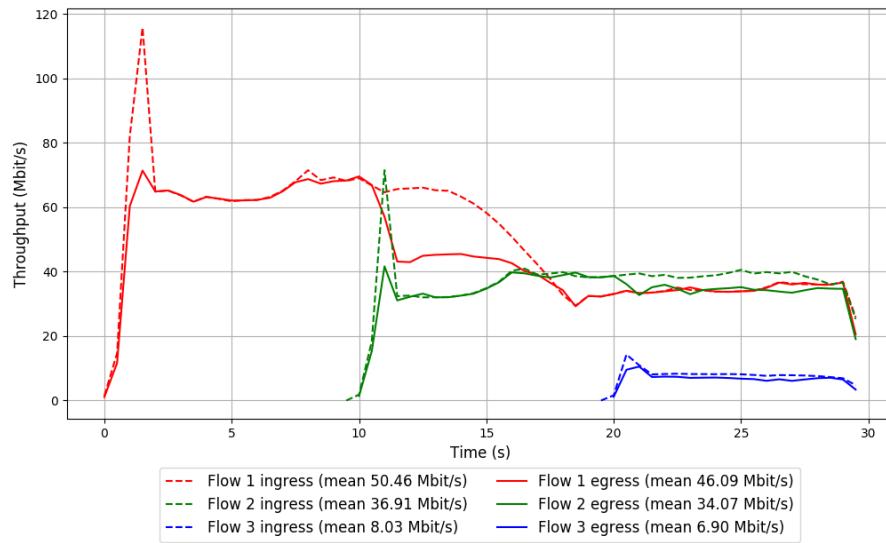


Run 2: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:32:57 +0000
End at: Sun, 09 Jul 2017 23:33:27 +0000
Local clock offset: 0.52 ms
Remote clock offset: -4.669 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.99 Mbit/s
95th percentile per-packet one-way delay: 70.210 ms
Loss rate: 8.95%
-- Flow 1:
Average throughput: 46.09 Mbit/s
95th percentile per-packet one-way delay: 70.247 ms
Loss rate: 8.99%
-- Flow 2:
Average throughput: 34.07 Mbit/s
95th percentile per-packet one-way delay: 69.910 ms
Loss rate: 8.20%
-- Flow 3:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 70.439 ms
Loss rate: 15.02%
```

Run 2: Report of PCC — Data Link

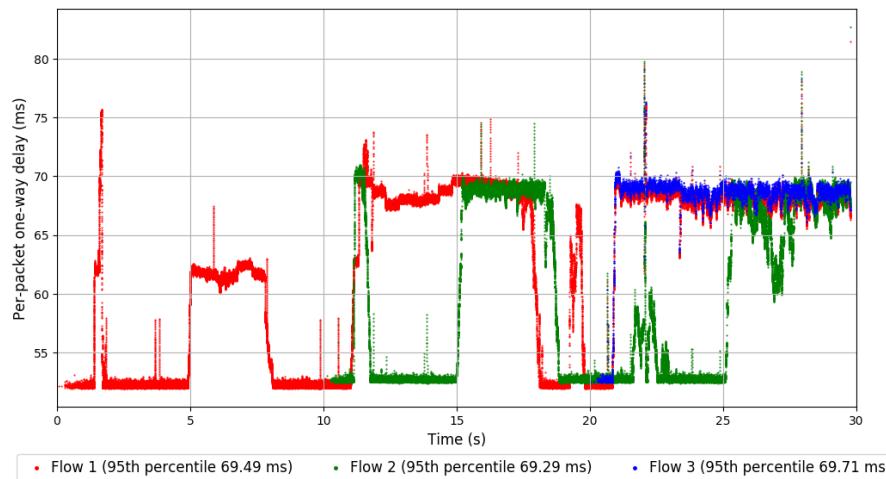
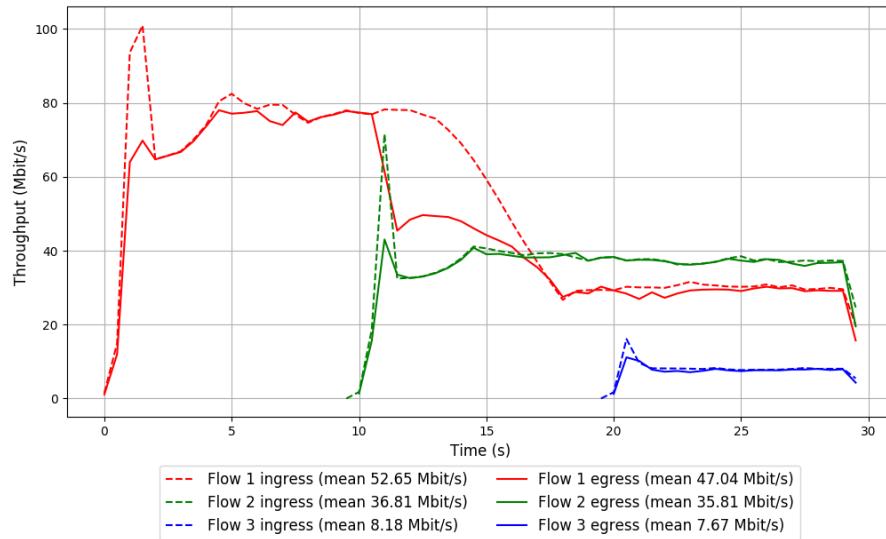


Run 3: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:51:16 +0000
End at: Sun, 09 Jul 2017 23:51:46 +0000
Local clock offset: 0.505 ms
Remote clock offset: -4.692 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.34 Mbit/s
95th percentile per-packet one-way delay: 69.439 ms
Loss rate: 8.47%
-- Flow 1:
Average throughput: 47.04 Mbit/s
95th percentile per-packet one-way delay: 69.491 ms
Loss rate: 10.97%
-- Flow 2:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 69.286 ms
Loss rate: 3.23%
-- Flow 3:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 69.712 ms
Loss rate: 7.28%
```

### Run 3: Report of PCC — Data Link

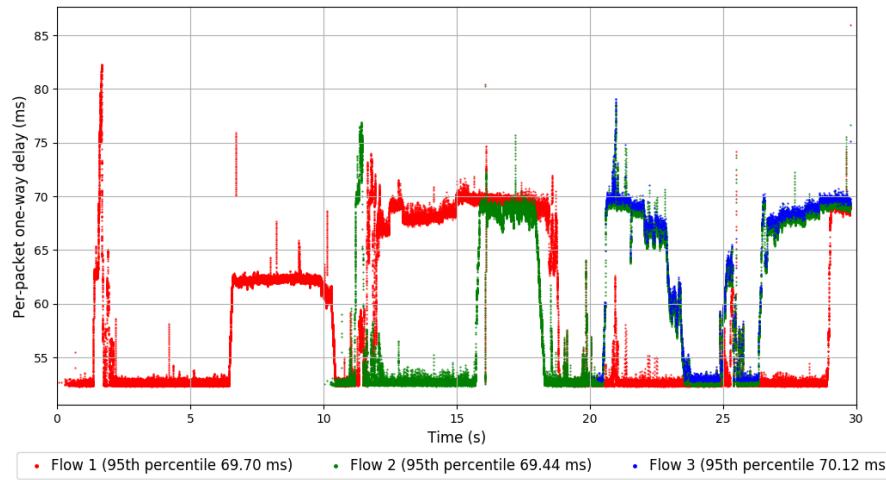
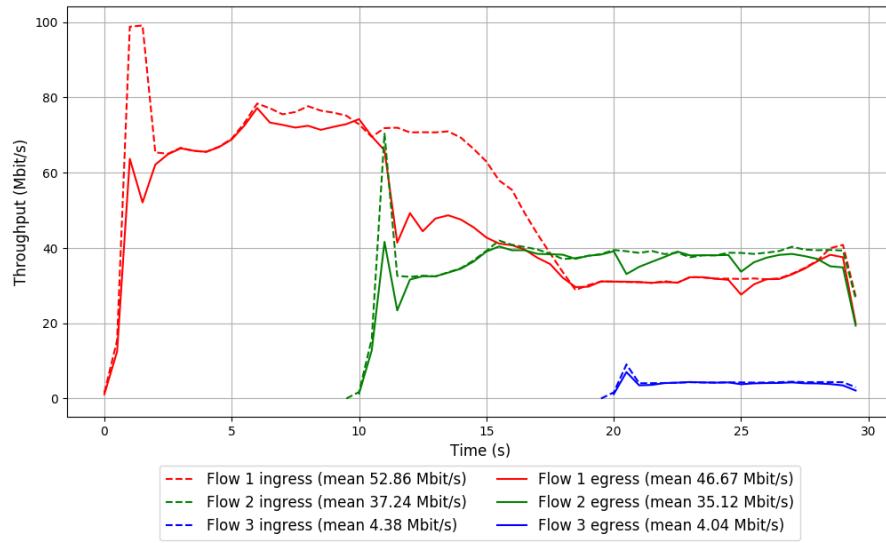


Run 4: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:09:48 +0000
End at: Mon, 10 Jul 2017 00:10:18 +0000
Local clock offset: 0.514 ms
Remote clock offset: -5.046 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.32 Mbit/s
95th percentile per-packet one-way delay: 69.657 ms
Loss rate: 10.15%
-- Flow 1:
Average throughput: 46.67 Mbit/s
95th percentile per-packet one-way delay: 69.700 ms
Loss rate: 12.03%
-- Flow 2:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 69.440 ms
Loss rate: 6.24%
-- Flow 3:
Average throughput: 4.04 Mbit/s
95th percentile per-packet one-way delay: 70.124 ms
Loss rate: 8.86%
```

## Run 4: Report of PCC — Data Link

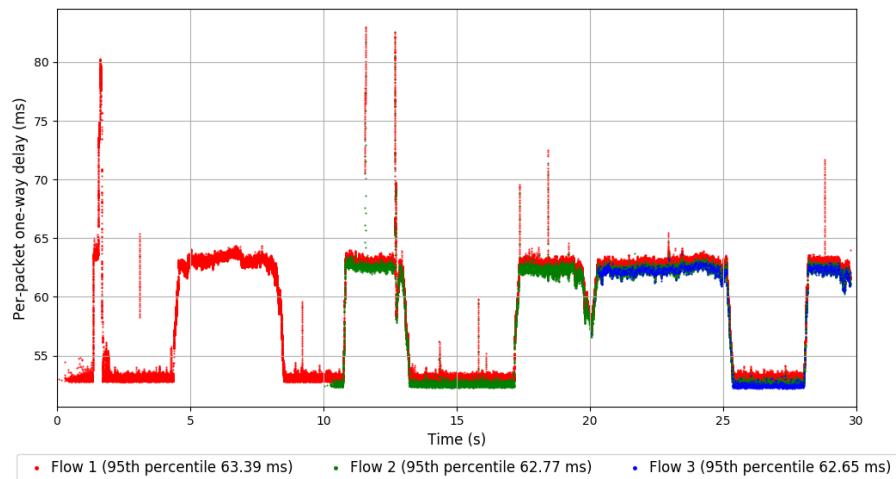
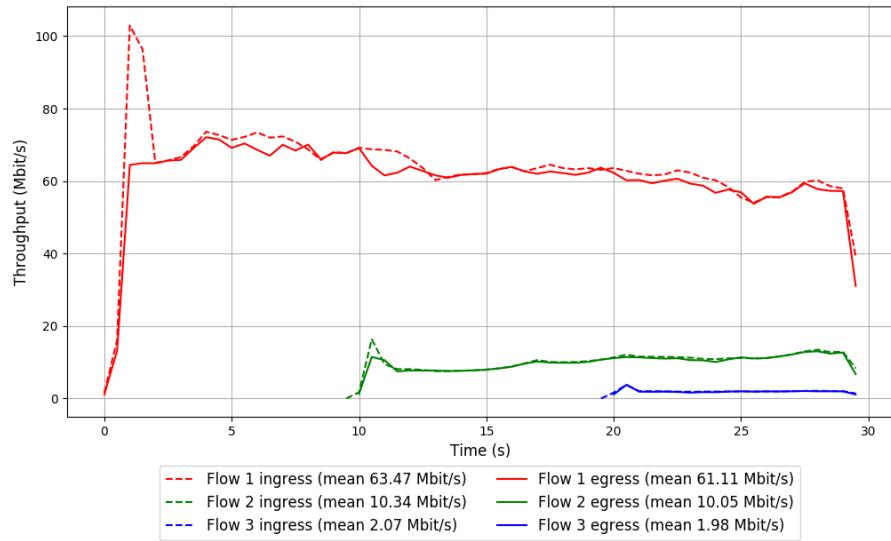


Run 5: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:28:26 +0000
End at: Mon, 10 Jul 2017 00:28:56 +0000
Local clock offset: 0.491 ms
Remote clock offset: -5.405 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.44 Mbit/s
95th percentile per-packet one-way delay: 63.361 ms
Loss rate: 4.03%
-- Flow 1:
Average throughput: 61.11 Mbit/s
95th percentile per-packet one-way delay: 63.394 ms
Loss rate: 4.09%
-- Flow 2:
Average throughput: 10.05 Mbit/s
95th percentile per-packet one-way delay: 62.775 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 62.651 ms
Loss rate: 5.22%
```

## Run 5: Report of PCC — Data Link

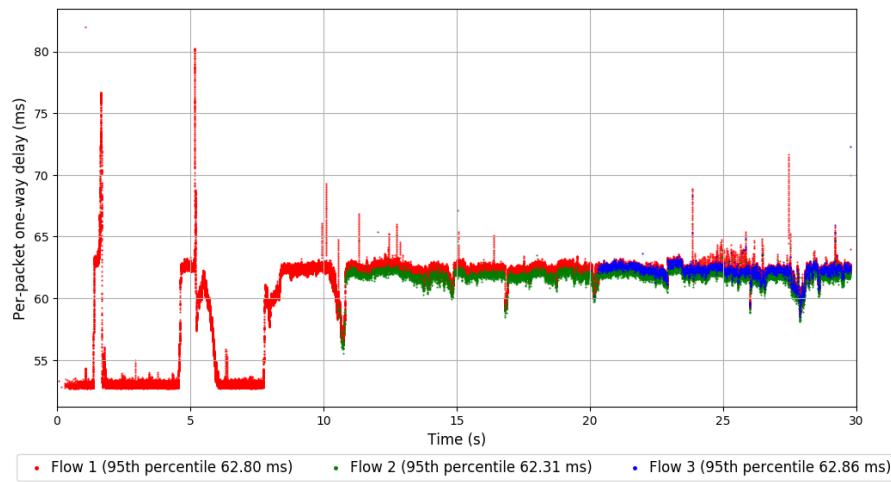
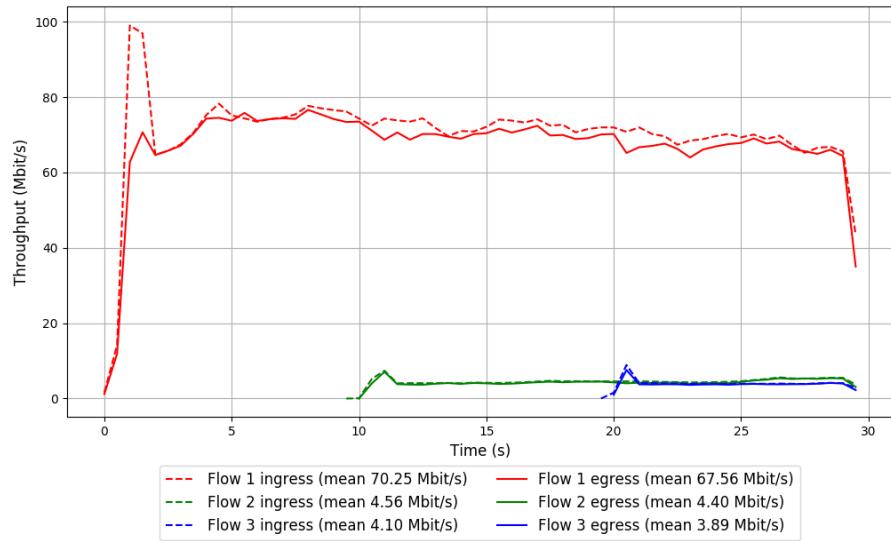


Run 6: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:47:03 +0000
End at: Mon, 10 Jul 2017 00:47:33 +0000
Local clock offset: 0.473 ms
Remote clock offset: -4.472 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.70 Mbit/s
95th percentile per-packet one-way delay: 62.793 ms
Loss rate: 4.28%
-- Flow 1:
Average throughput: 67.56 Mbit/s
95th percentile per-packet one-way delay: 62.799 ms
Loss rate: 4.20%
-- Flow 2:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 62.315 ms
Loss rate: 5.43%
-- Flow 3:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 62.859 ms
Loss rate: 6.33%
```

Run 6: Report of PCC — Data Link

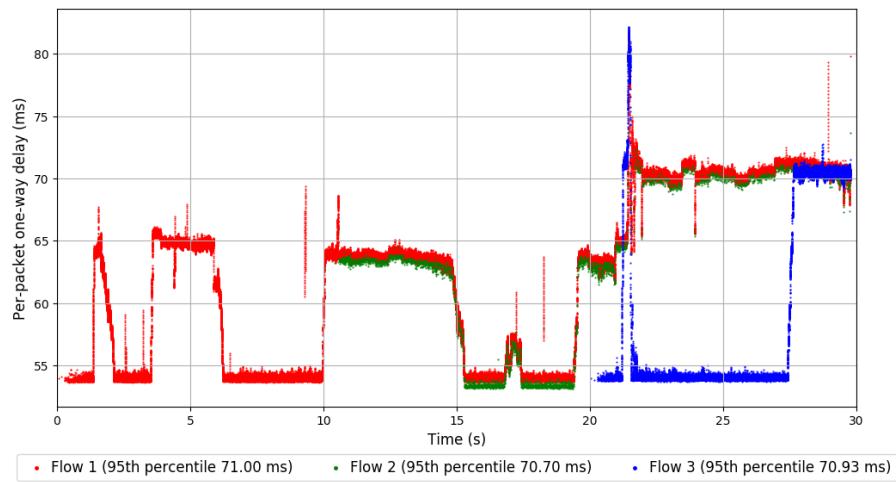
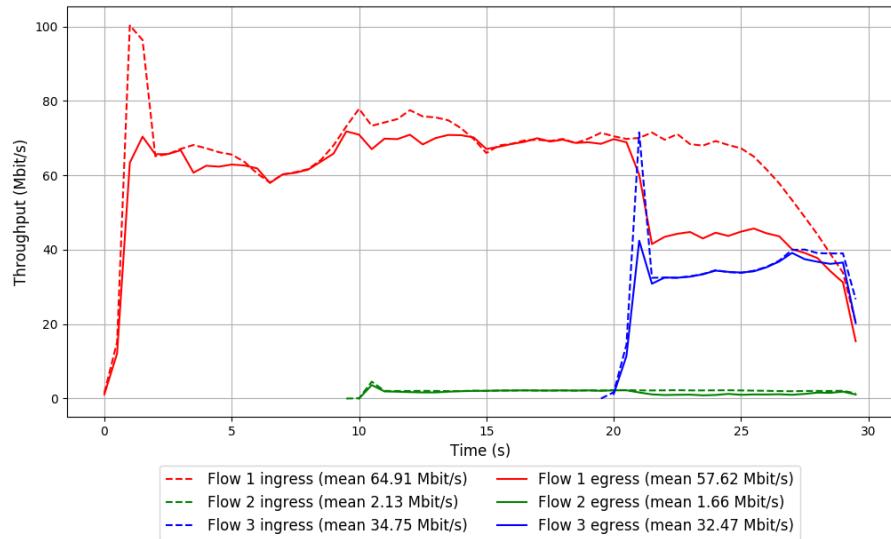


Run 7: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:05:28 +0000
End at: Mon, 10 Jul 2017 01:05:58 +0000
Local clock offset: 0.375 ms
Remote clock offset: -4.291 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.35 Mbit/s
95th percentile per-packet one-way delay: 70.987 ms
Loss rate: 11.17%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 71.005 ms
Loss rate: 11.55%
-- Flow 2:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 70.704 ms
Loss rate: 22.40%
-- Flow 3:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 70.927 ms
Loss rate: 7.63%
```

Run 7: Report of PCC — Data Link

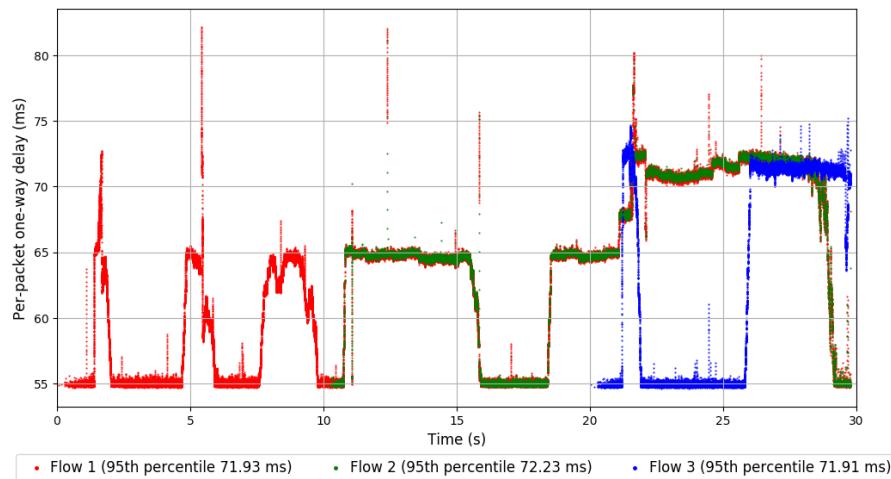
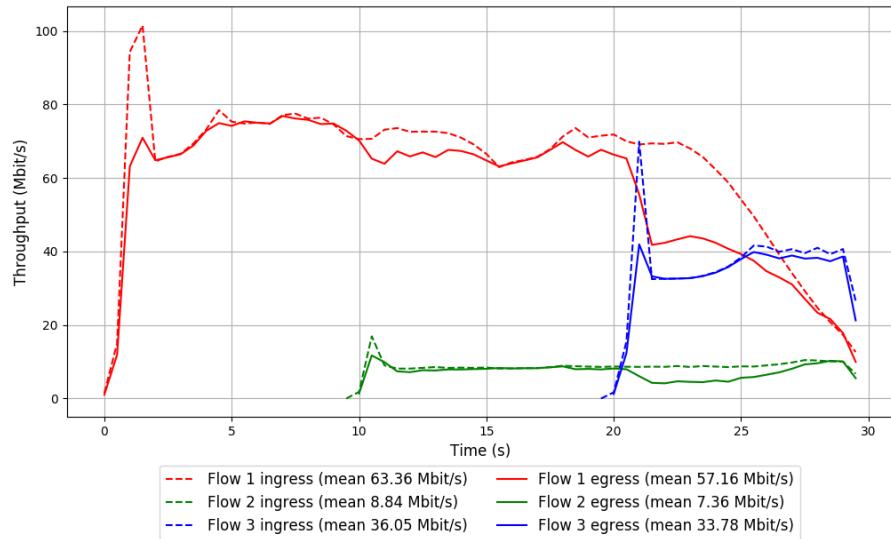


Run 8: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:24:03 +0000
End at: Mon, 10 Jul 2017 01:24:33 +0000
Local clock offset: 0.363 ms
Remote clock offset: -3.62 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 71.972 ms
Loss rate: 10.21%
-- Flow 1:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 71.926 ms
Loss rate: 10.10%
-- Flow 2:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 72.228 ms
Loss rate: 17.15%
-- Flow 3:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 71.907 ms
Loss rate: 7.40%
```

Run 8: Report of PCC — Data Link

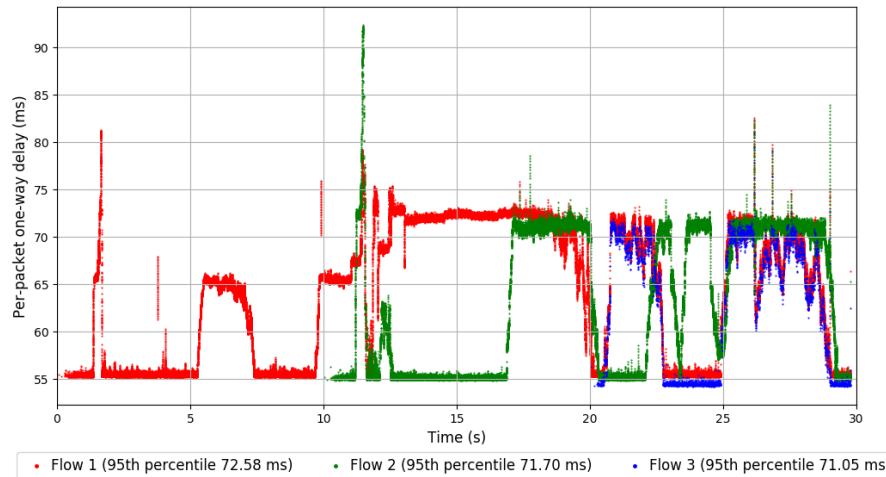
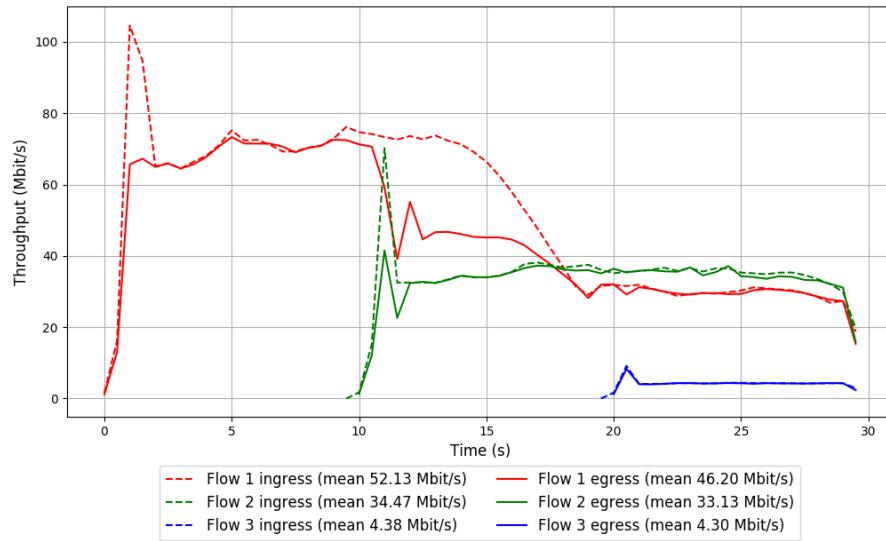


Run 9: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:42:42 +0000
End at: Mon, 10 Jul 2017 01:43:12 +0000
Local clock offset: 0.383 ms
Remote clock offset: -2.941 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.62 Mbit/s
95th percentile per-packet one-way delay: 72.492 ms
Loss rate: 9.35%
-- Flow 1:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 72.578 ms
Loss rate: 11.71%
-- Flow 2:
Average throughput: 33.13 Mbit/s
95th percentile per-packet one-way delay: 71.699 ms
Loss rate: 4.42%
-- Flow 3:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 71.052 ms
Loss rate: 2.67%
```

Run 9: Report of PCC — Data Link

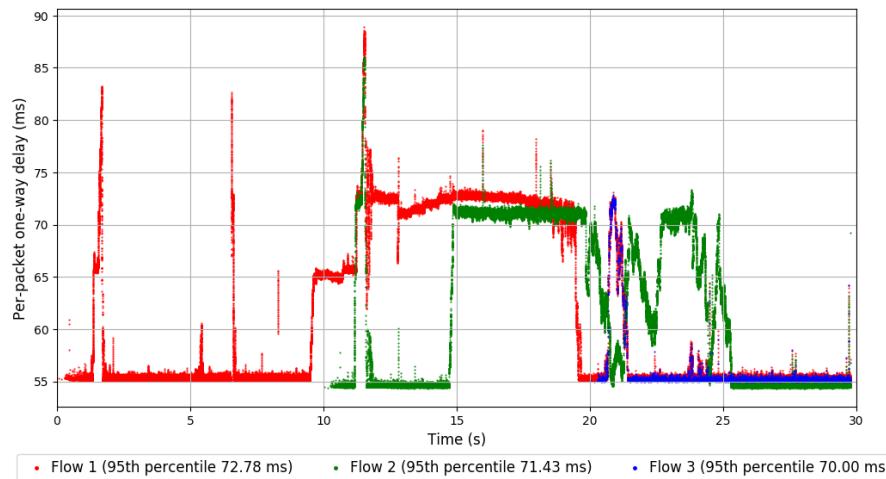
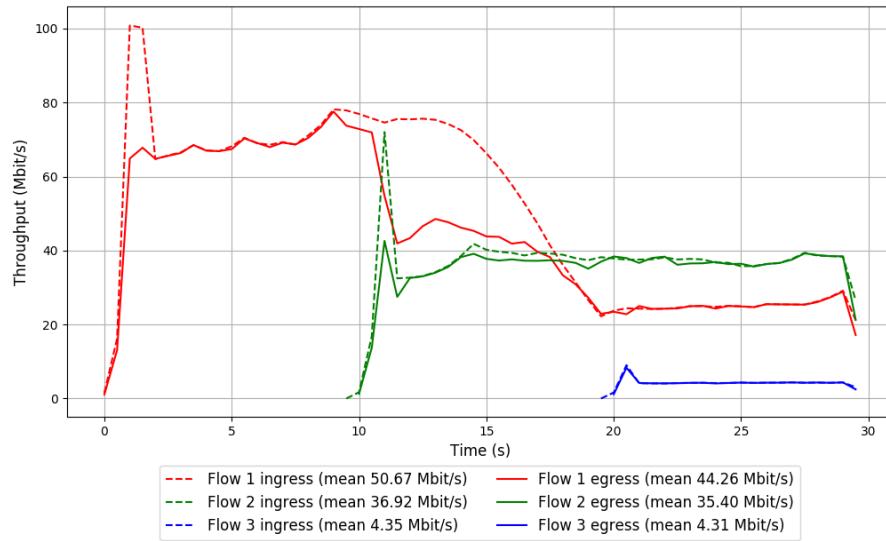


Run 10: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 02:01:02 +0000
End at: Mon, 10 Jul 2017 02:01:32 +0000
Local clock offset: 0.394 ms
Remote clock offset: -2.652 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 72.682 ms
Loss rate: 10.11%
-- Flow 1:
Average throughput: 44.26 Mbit/s
95th percentile per-packet one-way delay: 72.782 ms
Loss rate: 13.00%
-- Flow 2:
Average throughput: 35.40 Mbit/s
95th percentile per-packet one-way delay: 71.432 ms
Loss rate: 4.64%
-- Flow 3:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 69.996 ms
Loss rate: 2.05%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

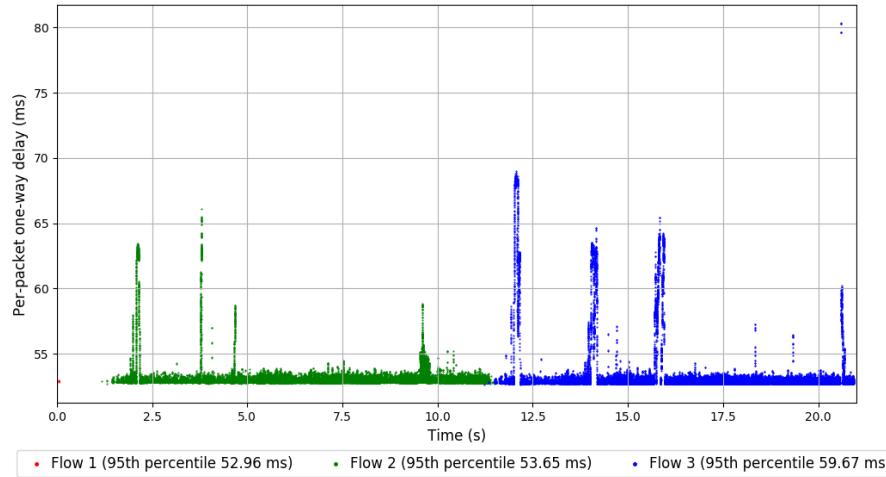
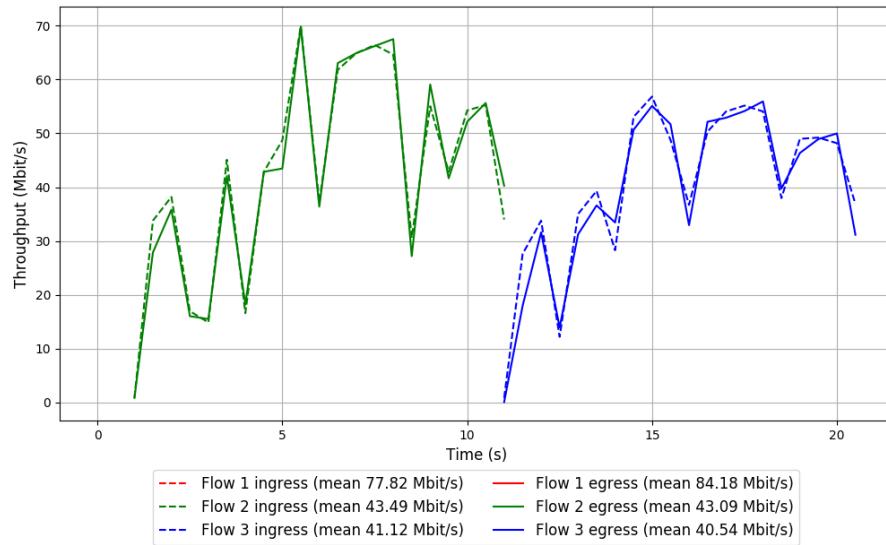
Start at: Sun, 09 Jul 2017 23:20:09 +0000

End at: Sun, 09 Jul 2017 23:20:39 +0000

Local clock offset: 0.54 ms

Remote clock offset: -4.403 ms

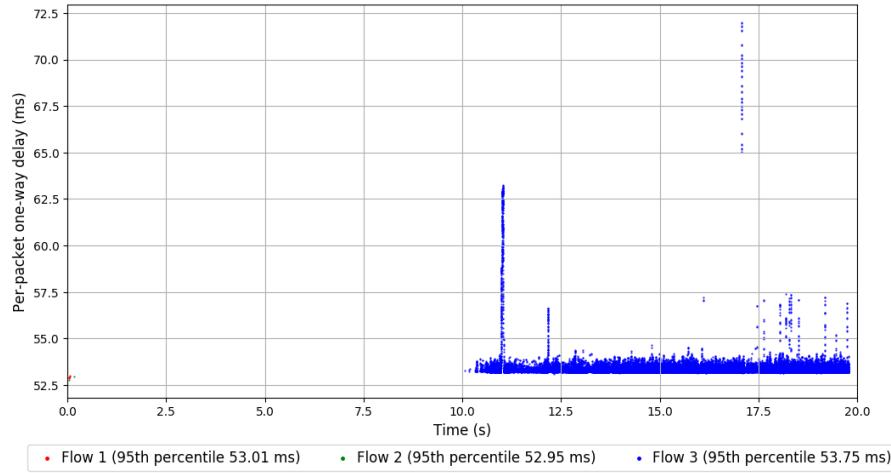
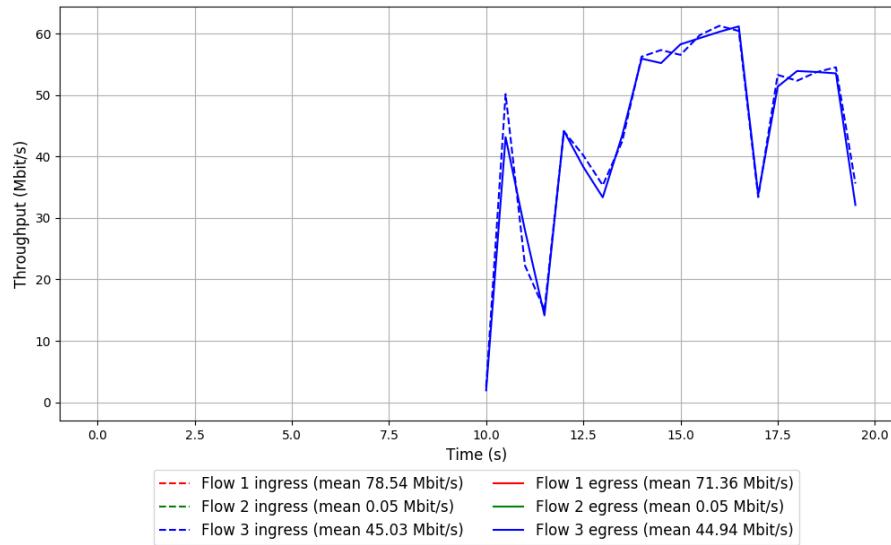
## Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 23:38:54 +0000  
End at: Sun, 09 Jul 2017 23:39:24 +0000  
Local clock offset: 0.499 ms  
Remote clock offset: -4.835 ms

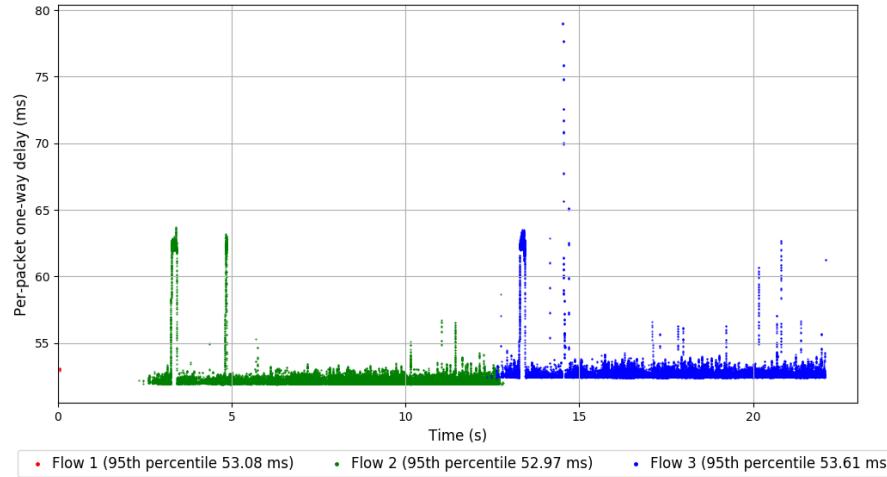
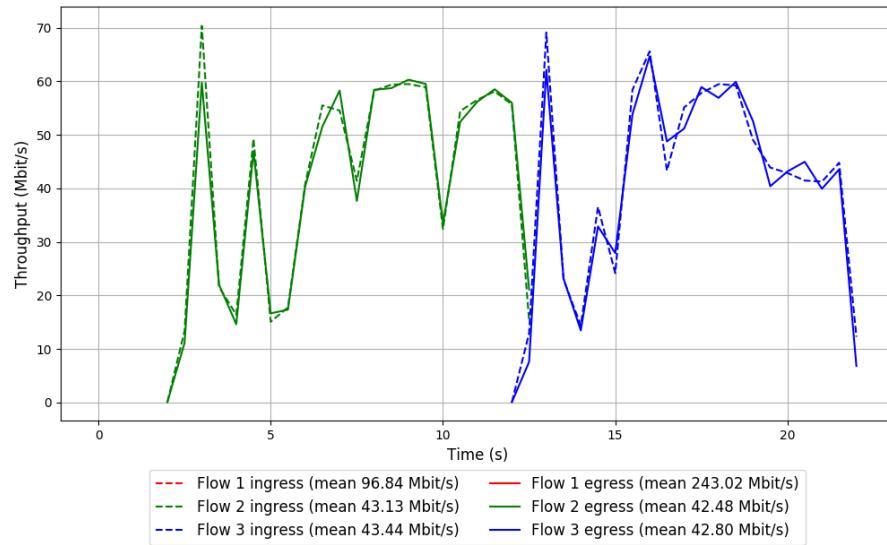
## Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 23:57:16 +0000  
End at: Sun, 09 Jul 2017 23:57:46 +0000  
Local clock offset: 0.476 ms  
Remote clock offset: -4.743 ms

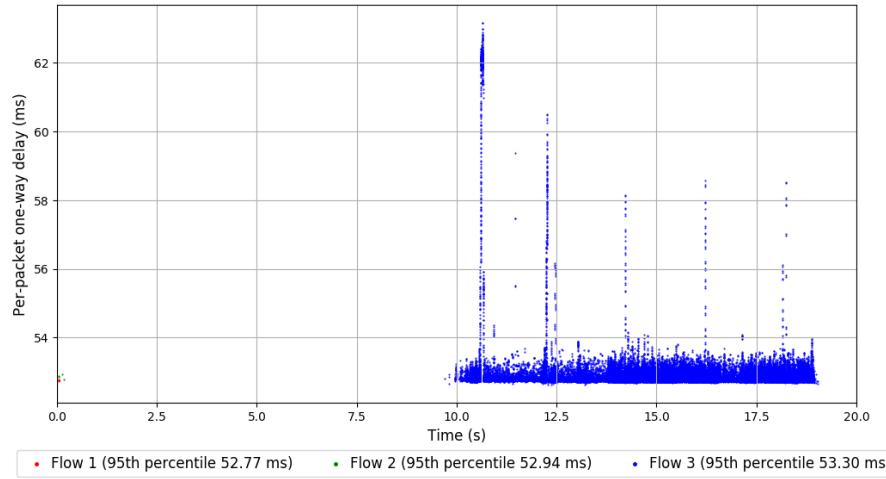
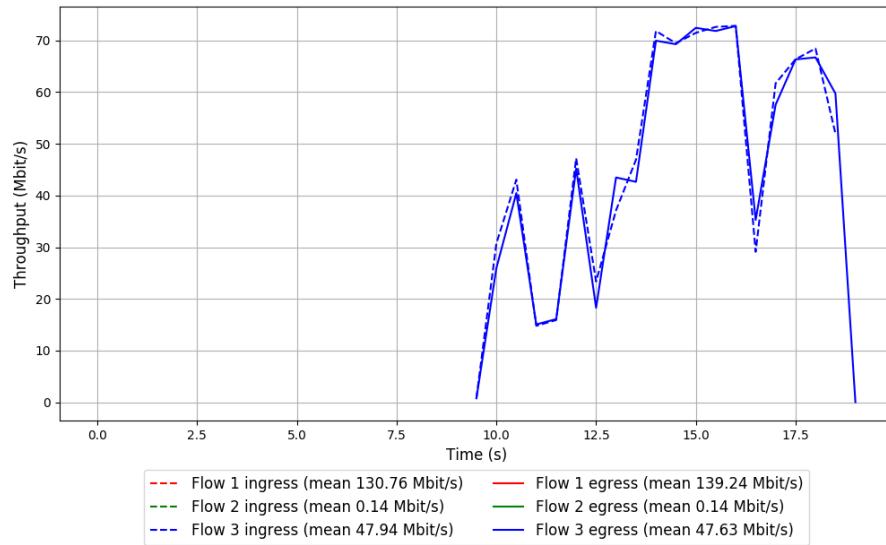
### Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 00:15:51 +0000  
End at: Mon, 10 Jul 2017 00:16:21 +0000  
Local clock offset: 0.461 ms  
Remote clock offset: -4.786 ms

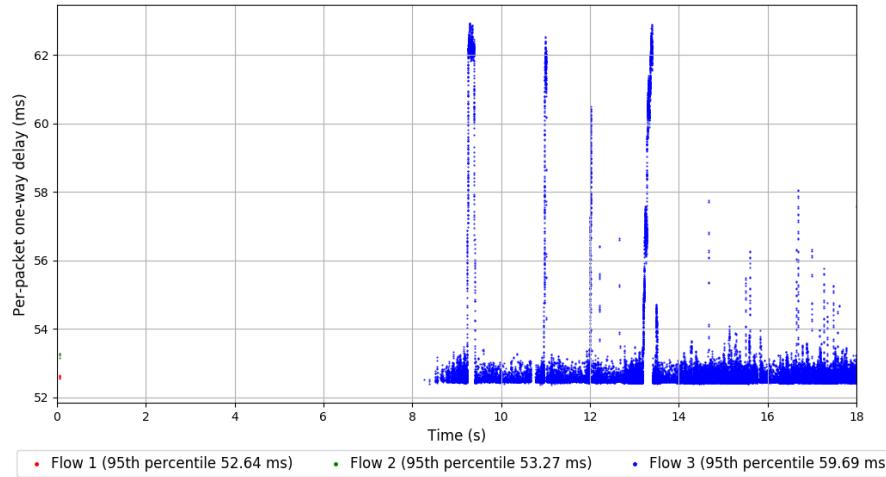
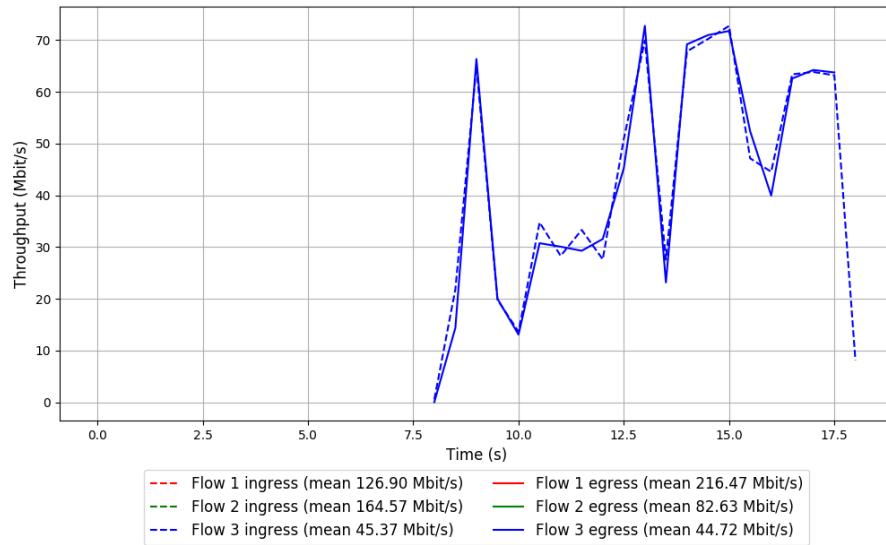
## Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 00:34:22 +0000  
End at: Mon, 10 Jul 2017 00:34:52 +0000  
Local clock offset: 0.527 ms  
Remote clock offset: -5.128 ms

Run 5: Report of QUIC Cubic — Data Link

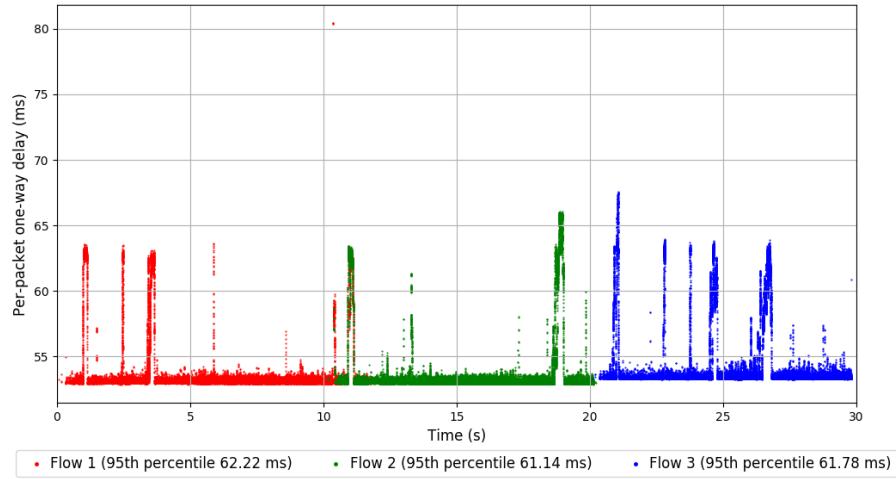
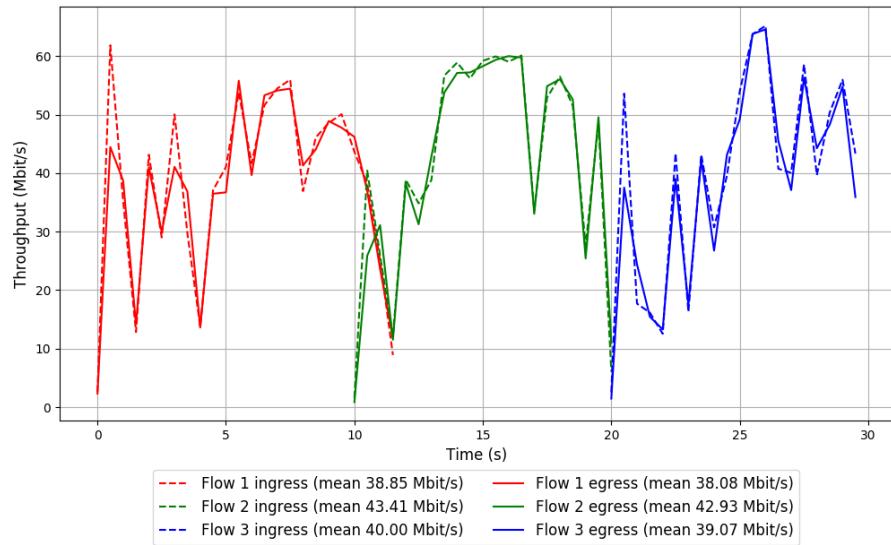


Run 6: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:52:58 +0000
End at: Mon, 10 Jul 2017 00:53:28 +0000
Local clock offset: 0.443 ms
Remote clock offset: -4.825 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 61.847 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 38.08 Mbit/s
95th percentile per-packet one-way delay: 62.220 ms
Loss rate: 1.98%
-- Flow 2:
Average throughput: 42.93 Mbit/s
95th percentile per-packet one-way delay: 61.139 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 61.784 ms
Loss rate: 3.40%
```

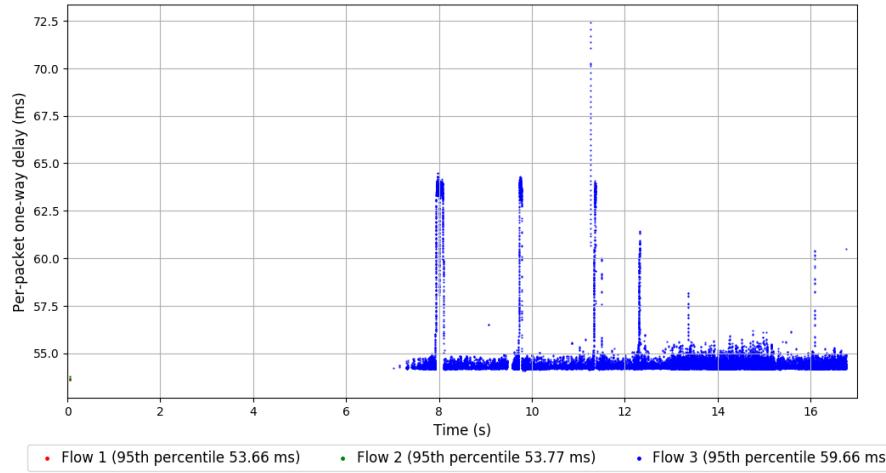
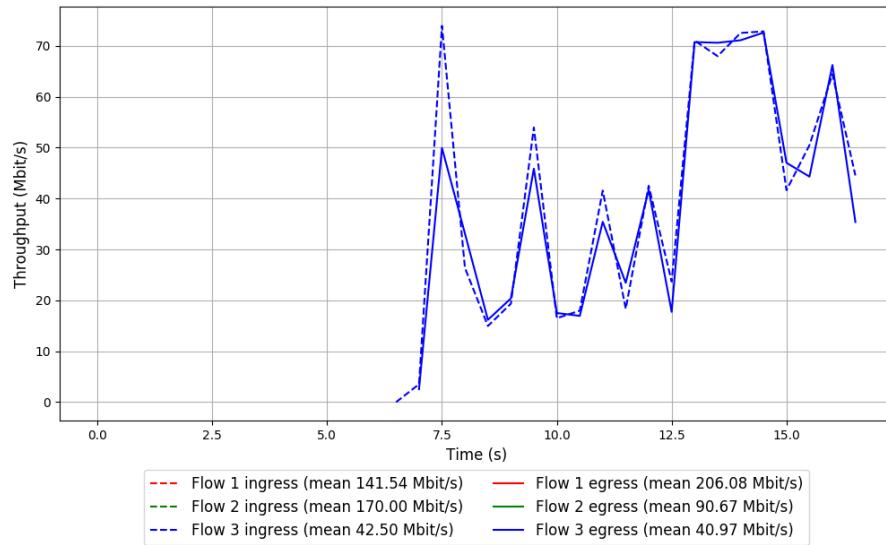
Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 01:11:35 +0000  
End at: Mon, 10 Jul 2017 01:12:05 +0000  
Local clock offset: 0.377 ms  
Remote clock offset: -3.653 ms

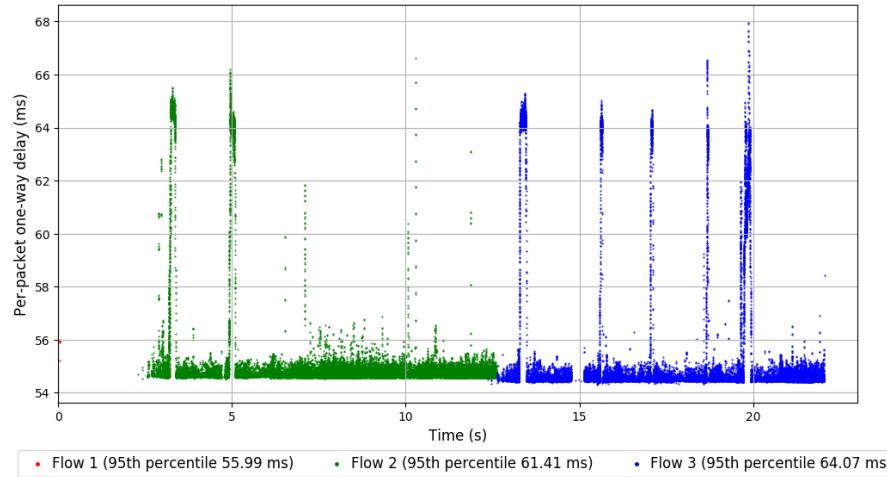
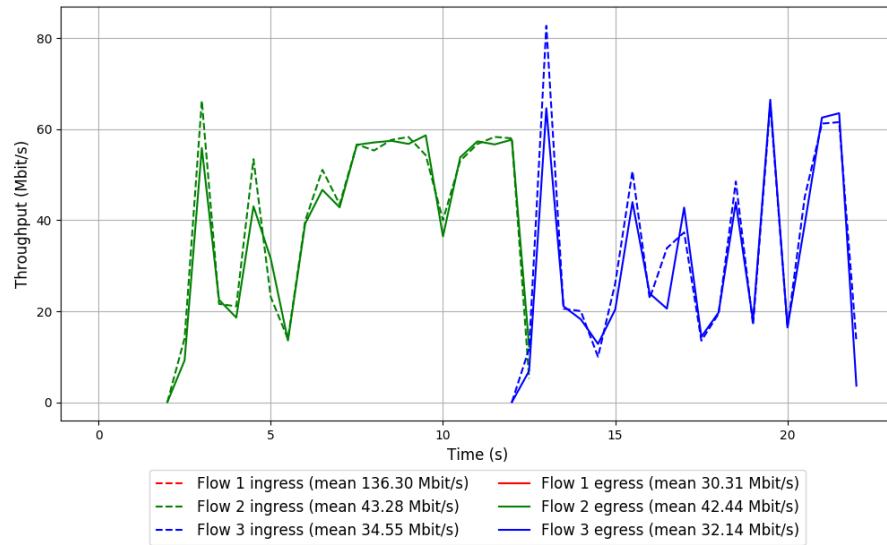
## Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 01:30:00 +0000  
End at: Mon, 10 Jul 2017 01:30:30 +0000  
Local clock offset: 0.339 ms  
Remote clock offset: -2.91 ms

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



Run 9: Statistics of QUIC Cubic

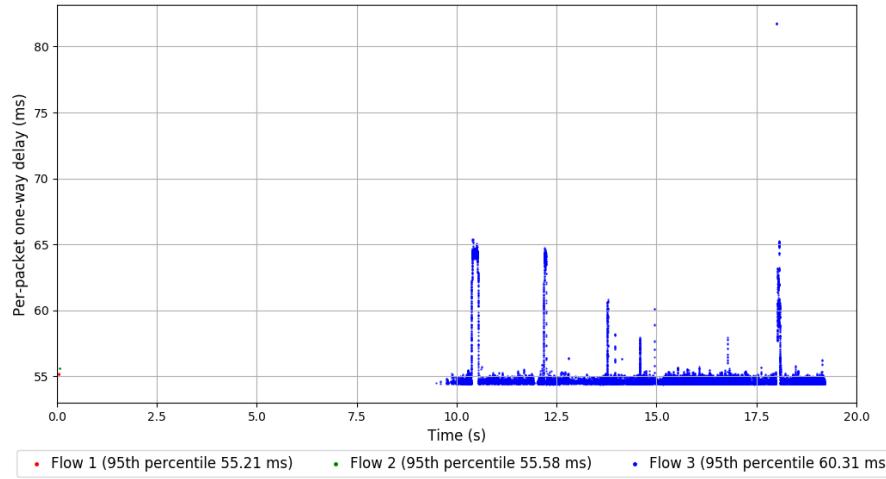
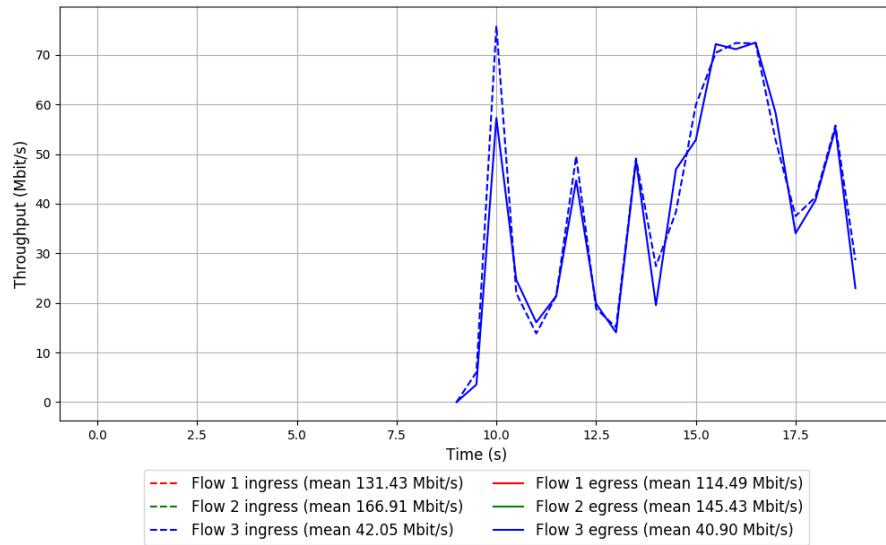
Start at: Mon, 10 Jul 2017 01:48:40 +0000

End at: Mon, 10 Jul 2017 01:49:10 +0000

Local clock offset: 0.38 ms

Remote clock offset: -2.826 ms

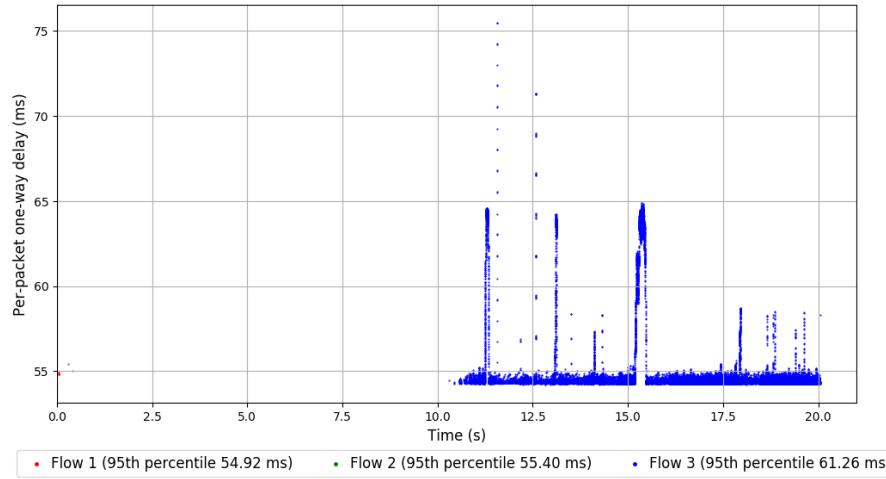
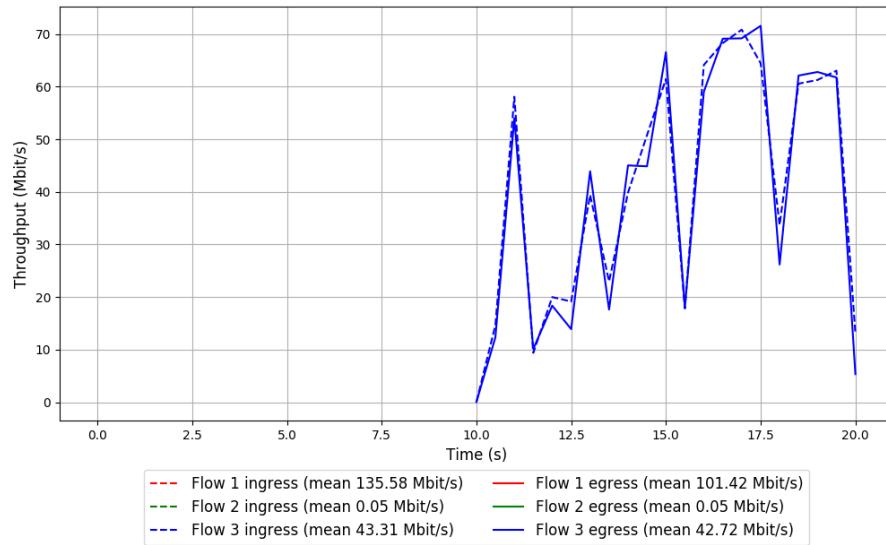
## Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 02:07:00 +0000  
End at: Mon, 10 Jul 2017 02:07:30 +0000  
Local clock offset: 0.438 ms  
Remote clock offset: -3.041 ms

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

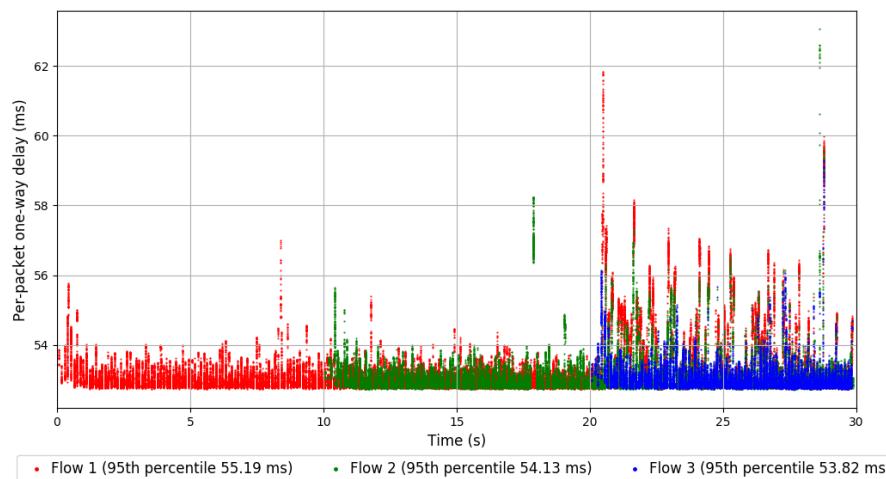
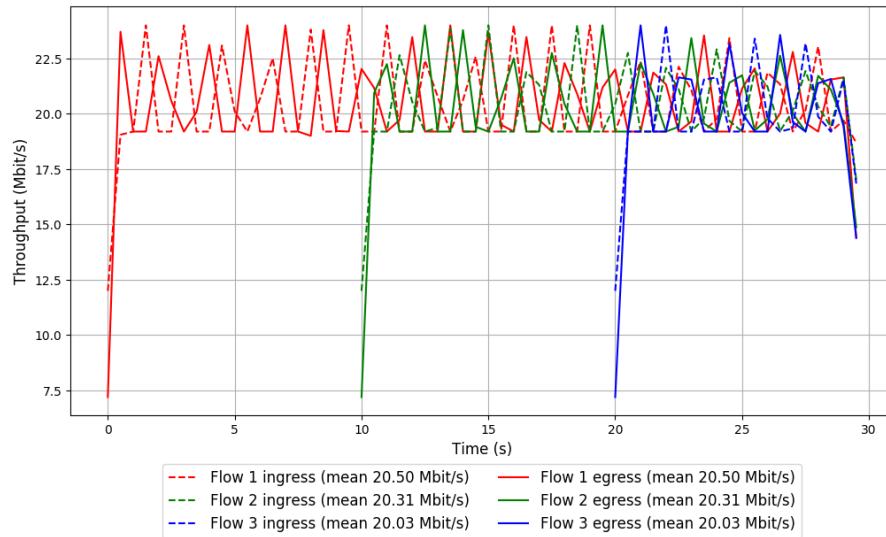


Run 1: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:21:20 +0000
End at: Sun, 09 Jul 2017 23:21:50 +0000
Local clock offset: 0.517 ms
Remote clock offset: -4.564 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 54.706 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 55.185 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 54.129 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 20.03 Mbit/s
95th percentile per-packet one-way delay: 53.821 ms
Loss rate: 1.21%
```

Run 1: Report of Saturator — Data Link

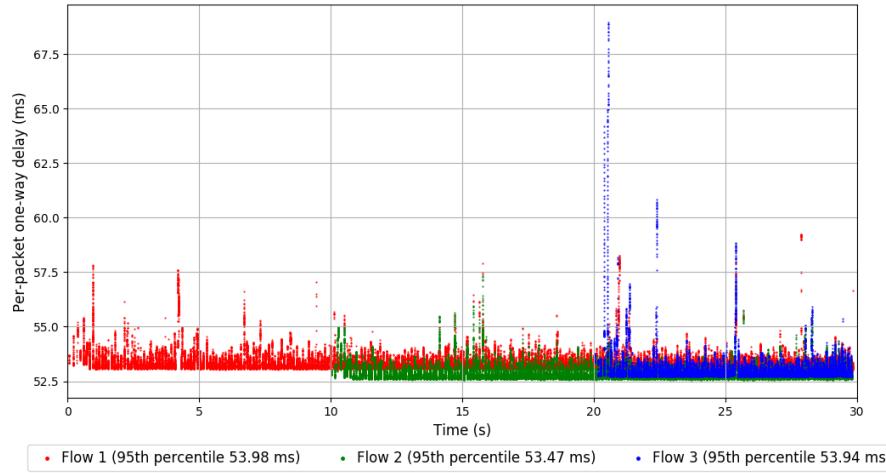
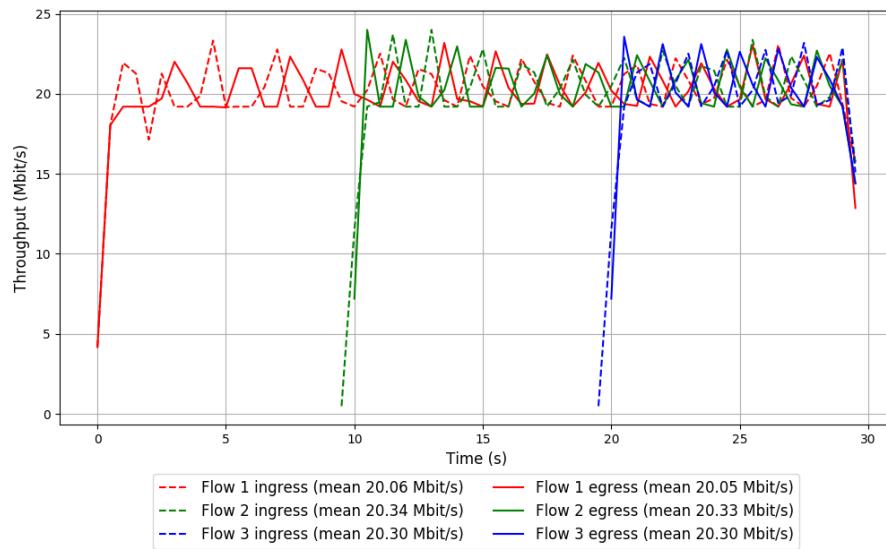


Run 2: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:40:04 +0000
End at: Sun, 09 Jul 2017 23:40:34 +0000
Local clock offset: 0.508 ms
Remote clock offset: -4.896 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.19 Mbit/s
95th percentile per-packet one-way delay: 53.866 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 53.976 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 20.33 Mbit/s
95th percentile per-packet one-way delay: 53.467 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 20.30 Mbit/s
95th percentile per-packet one-way delay: 53.939 ms
Loss rate: 1.20%
```

Run 2: Report of Saturator — Data Link

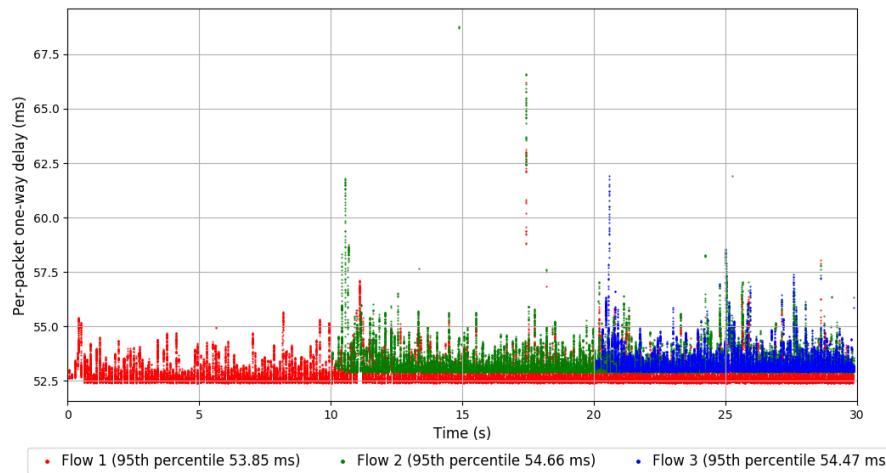
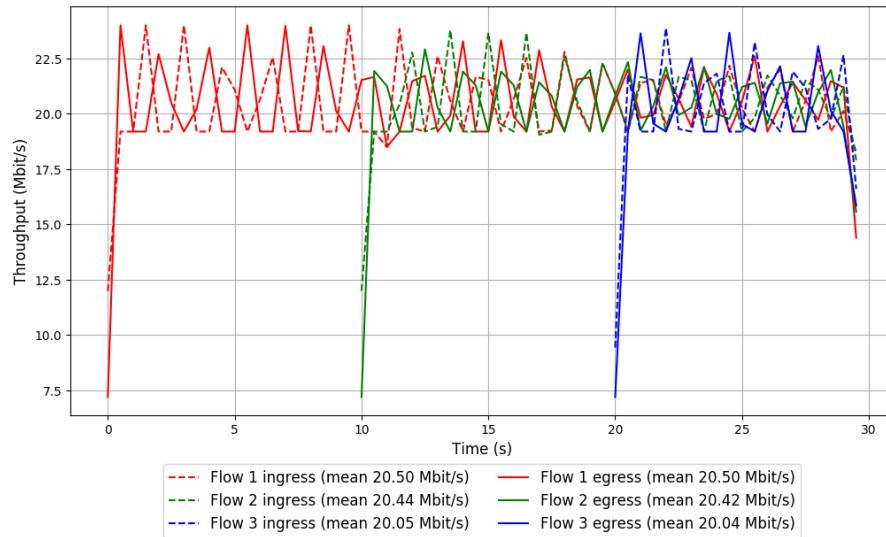


Run 3: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:58:27 +0000
End at: Sun, 09 Jul 2017 23:58:57 +0000
Local clock offset: 0.504 ms
Remote clock offset: -5.042 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 54.279 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 53.854 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 20.42 Mbit/s
95th percentile per-packet one-way delay: 54.655 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 20.04 Mbit/s
95th percentile per-packet one-way delay: 54.468 ms
Loss rate: 1.20%
```

Run 3: Report of Saturator — Data Link

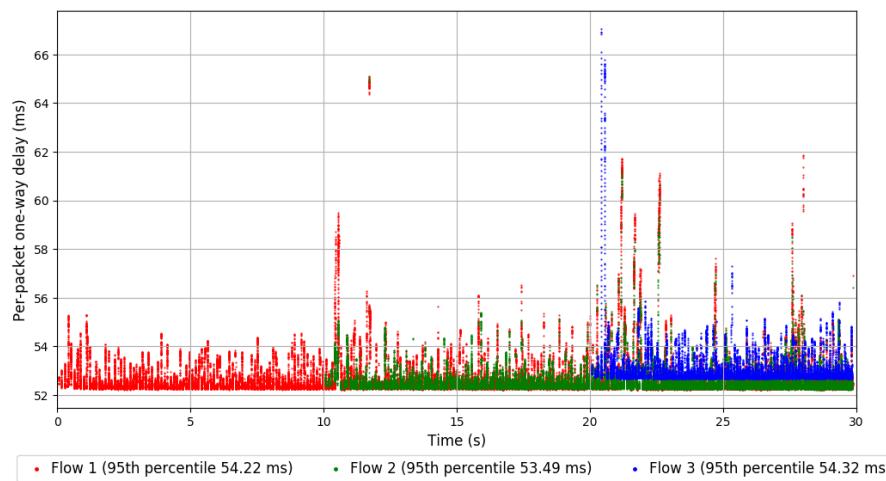
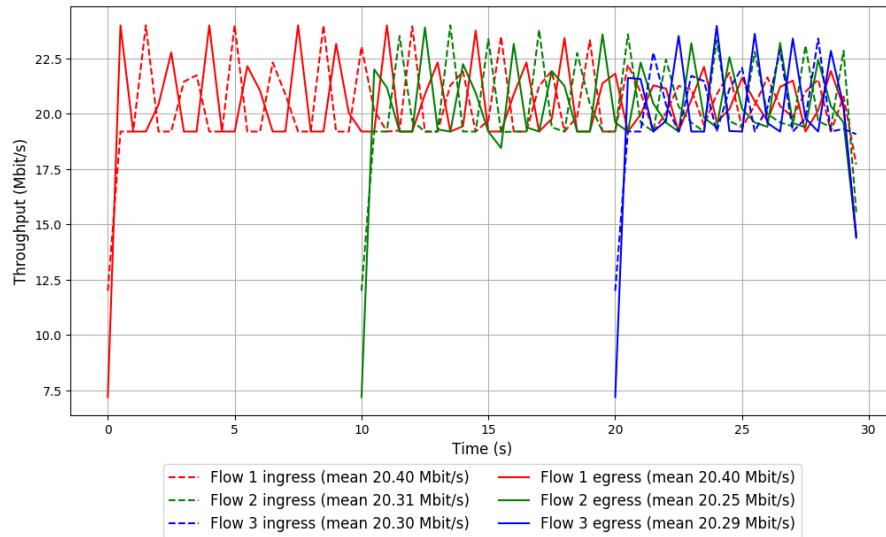


Run 4: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:17:02 +0000
End at: Mon, 10 Jul 2017 00:17:32 +0000
Local clock offset: 0.465 ms
Remote clock offset: -5.299 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 54.085 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 54.219 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 20.25 Mbit/s
95th percentile per-packet one-way delay: 53.489 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 20.29 Mbit/s
95th percentile per-packet one-way delay: 54.324 ms
Loss rate: 1.20%
```

Run 4: Report of Saturator — Data Link

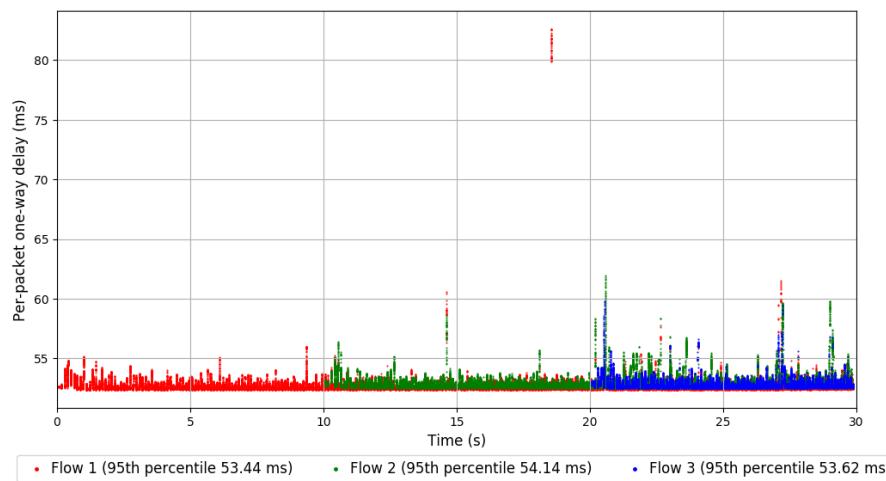
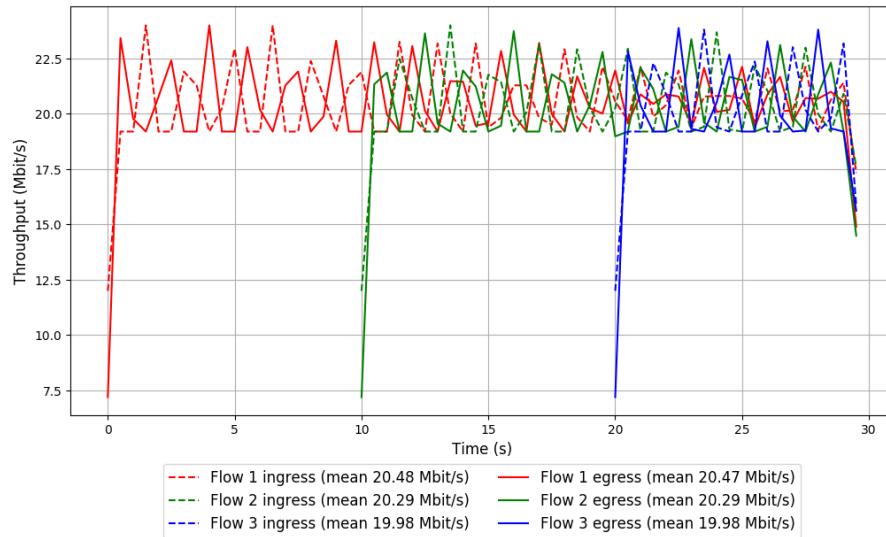


Run 5: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:35:32 +0000
End at: Mon, 10 Jul 2017 00:36:02 +0000
Local clock offset: 0.505 ms
Remote clock offset: -4.926 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 53.653 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 20.47 Mbit/s
95th percentile per-packet one-way delay: 53.437 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 20.29 Mbit/s
95th percentile per-packet one-way delay: 54.144 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 19.98 Mbit/s
95th percentile per-packet one-way delay: 53.617 ms
Loss rate: 1.21%
```

Run 5: Report of Saturator — Data Link

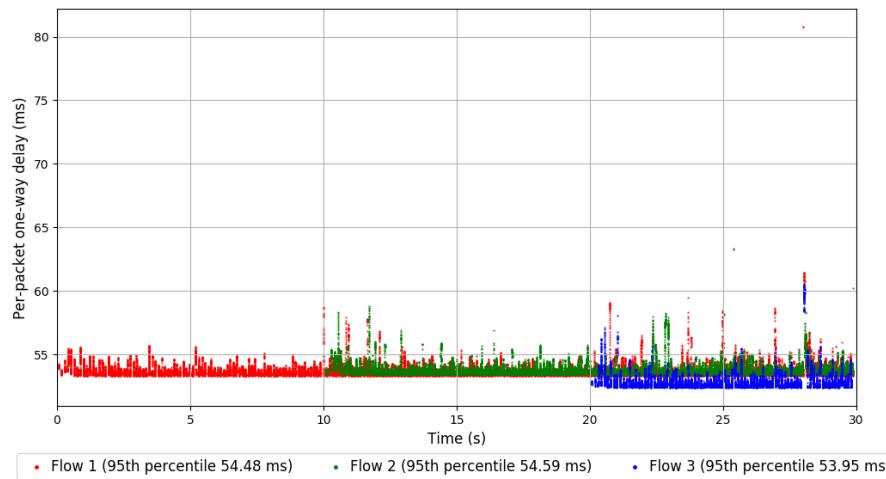
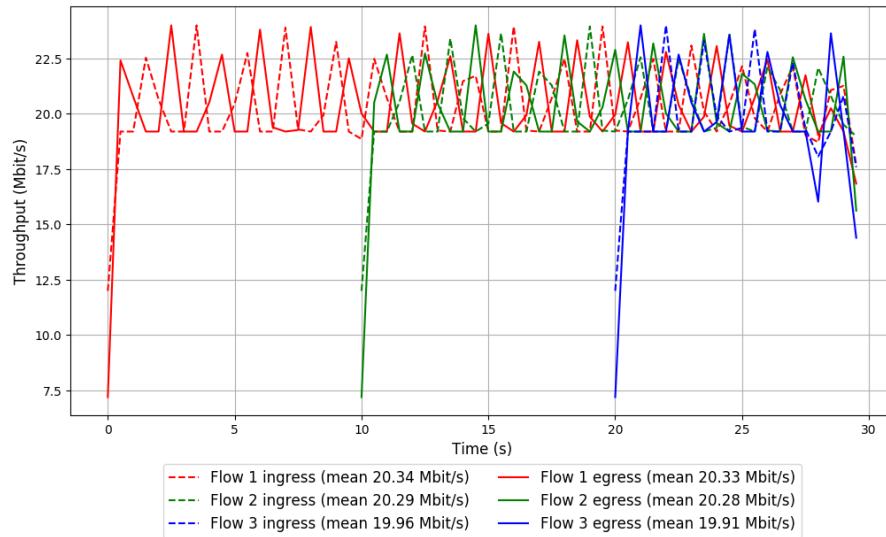


Run 6: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:54:10 +0000
End at: Mon, 10 Jul 2017 00:54:40 +0000
Local clock offset: 0.345 ms
Remote clock offset: -4.621 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.29 Mbit/s
95th percentile per-packet one-way delay: 54.475 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 20.33 Mbit/s
95th percentile per-packet one-way delay: 54.481 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 20.28 Mbit/s
95th percentile per-packet one-way delay: 54.593 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 53.947 ms
Loss rate: 1.43%
```

Run 6: Report of Saturator — Data Link

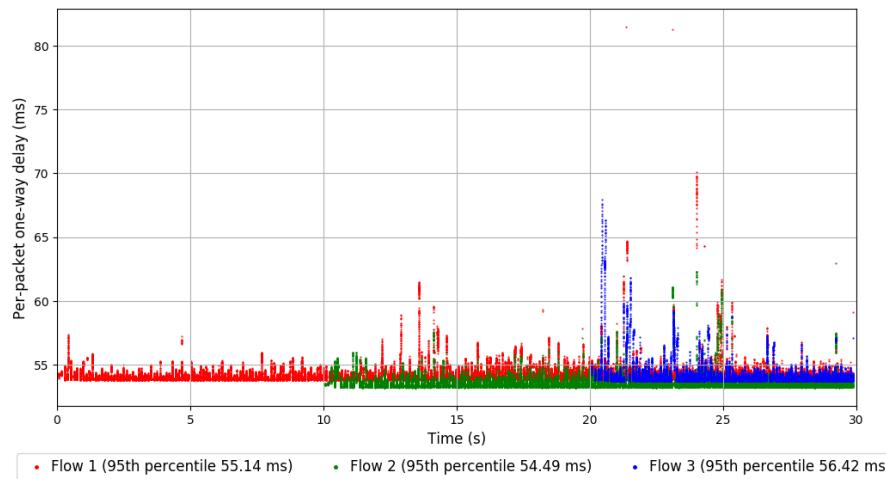
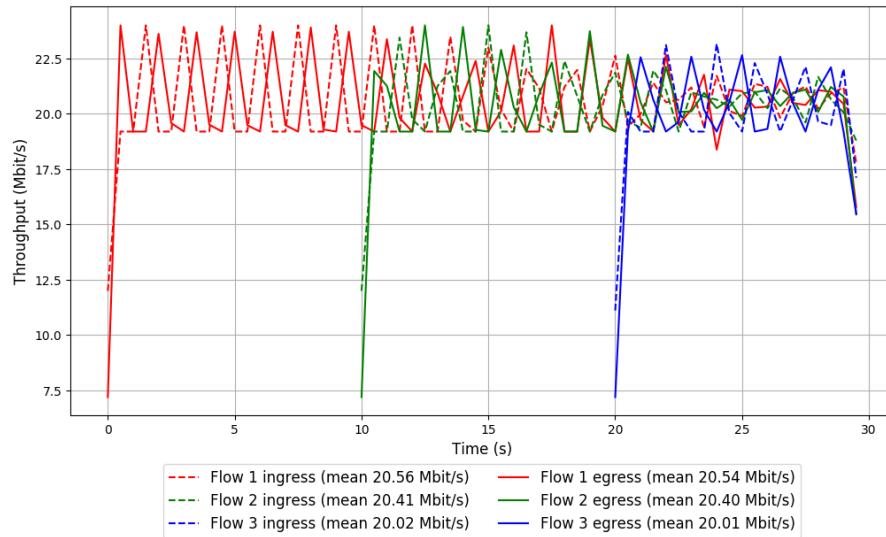


Run 7: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:12:45 +0000
End at: Mon, 10 Jul 2017 01:13:15 +0000
Local clock offset: 0.452 ms
Remote clock offset: -3.791 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 55.093 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 55.142 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 54.491 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 56.422 ms
Loss rate: 1.20%
```

Run 7: Report of Saturator — Data Link

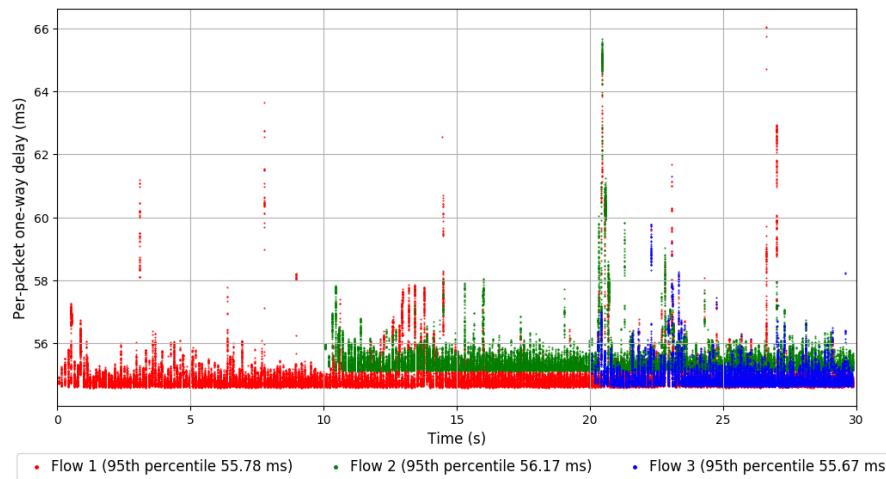
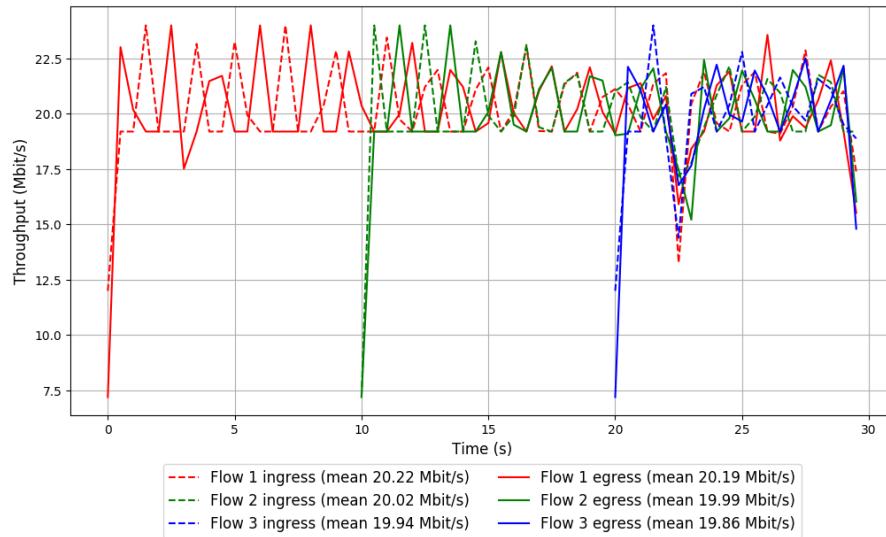


Run 8: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:31:11 +0000
End at: Mon, 10 Jul 2017 01:31:41 +0000
Local clock offset: 0.41 ms
Remote clock offset: -3.086 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.98 Mbit/s
95th percentile per-packet one-way delay: 55.949 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 20.19 Mbit/s
95th percentile per-packet one-way delay: 55.778 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 19.99 Mbit/s
95th percentile per-packet one-way delay: 56.174 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 19.86 Mbit/s
95th percentile per-packet one-way delay: 55.668 ms
Loss rate: 1.56%
```

Run 8: Report of Saturator — Data Link

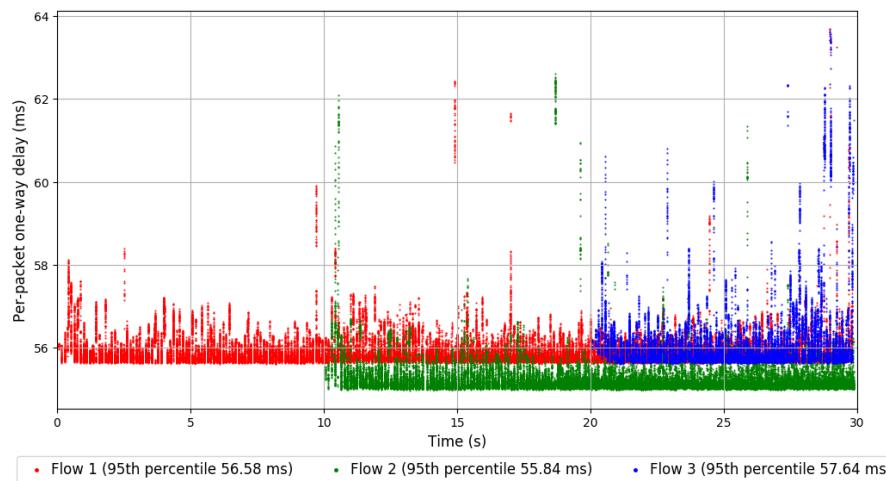
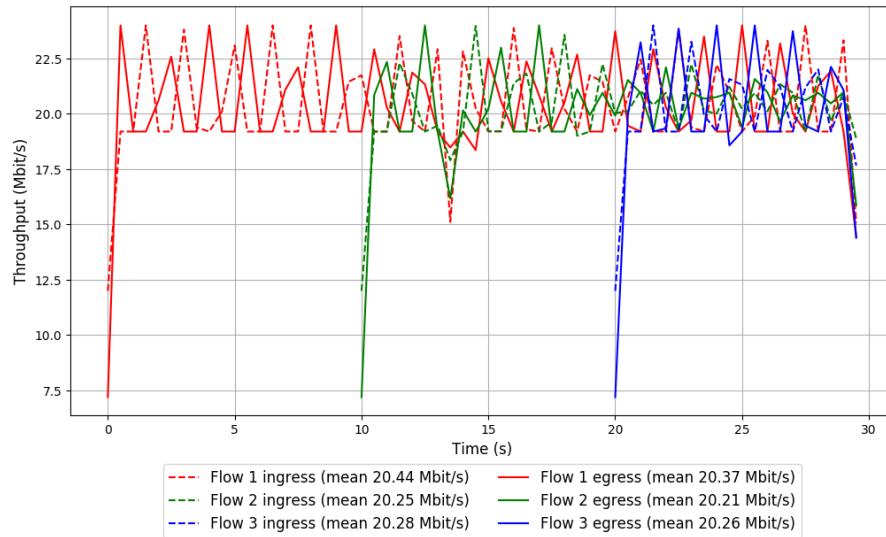


Run 9: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:49:50 +0000
End at: Mon, 10 Jul 2017 01:50:20 +0000
Local clock offset: 0.388 ms
Remote clock offset: -2.865 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 56.591 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 20.37 Mbit/s
95th percentile per-packet one-way delay: 56.580 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 20.21 Mbit/s
95th percentile per-packet one-way delay: 55.836 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 20.26 Mbit/s
95th percentile per-packet one-way delay: 57.638 ms
Loss rate: 1.28%
```

Run 9: Report of Saturator — Data Link

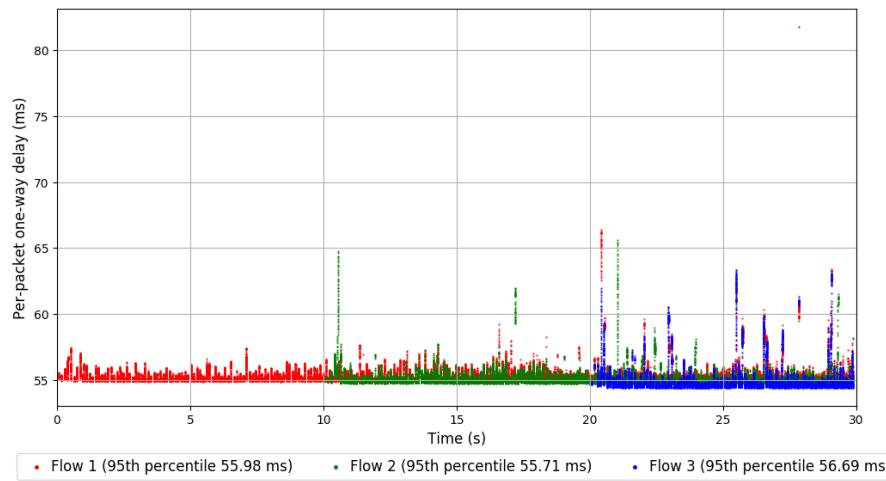
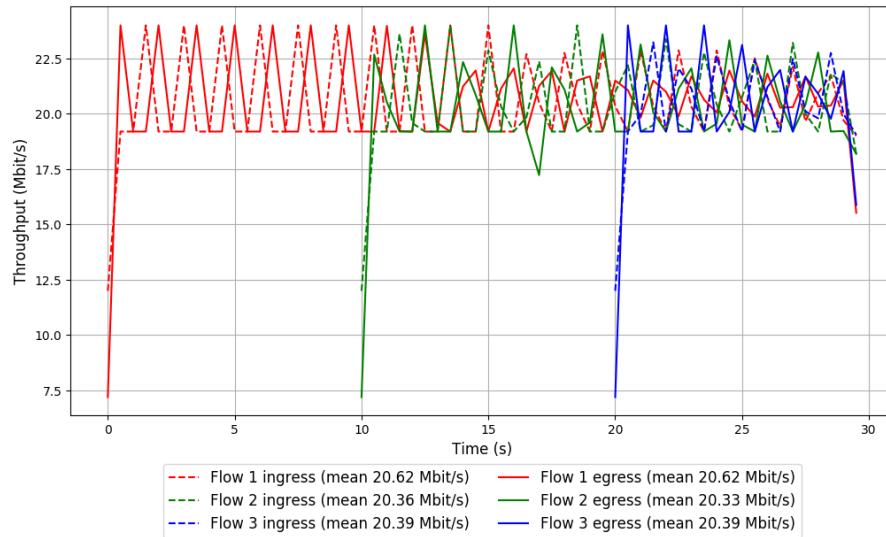


Run 10: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 02:08:11 +0000
End at: Mon, 10 Jul 2017 02:08:41 +0000
Local clock offset: 0.384 ms
Remote clock offset: -2.562 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 55.924 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 20.62 Mbit/s
95th percentile per-packet one-way delay: 55.975 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 20.33 Mbit/s
95th percentile per-packet one-way delay: 55.707 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 56.685 ms
Loss rate: 1.19%
```

### Run 10: Report of Saturator — Data Link

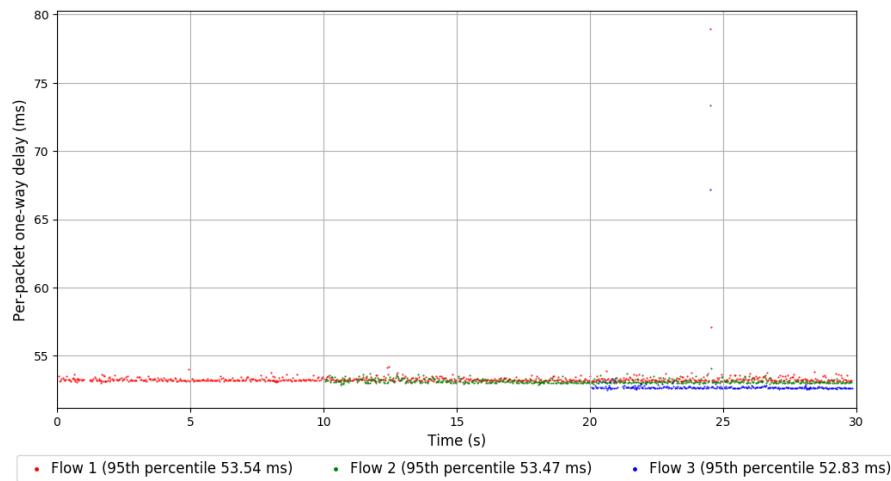
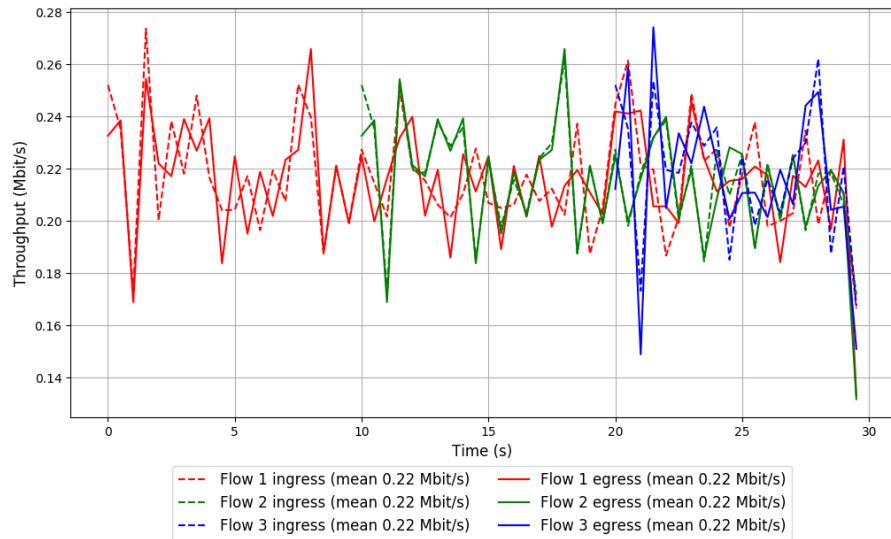


```
Run 1: Statistics of SCReAM
```

```
Start at: Sun, 09 Jul 2017 23:09:14 +0000
End at: Sun, 09 Jul 2017 23:09:44 +0000
Local clock offset: 0.529 ms
Remote clock offset: -4.422 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.500 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.539 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.471 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.825 ms
Loss rate: 1.11%
```

Run 1: Report of SCReAM — Data Link

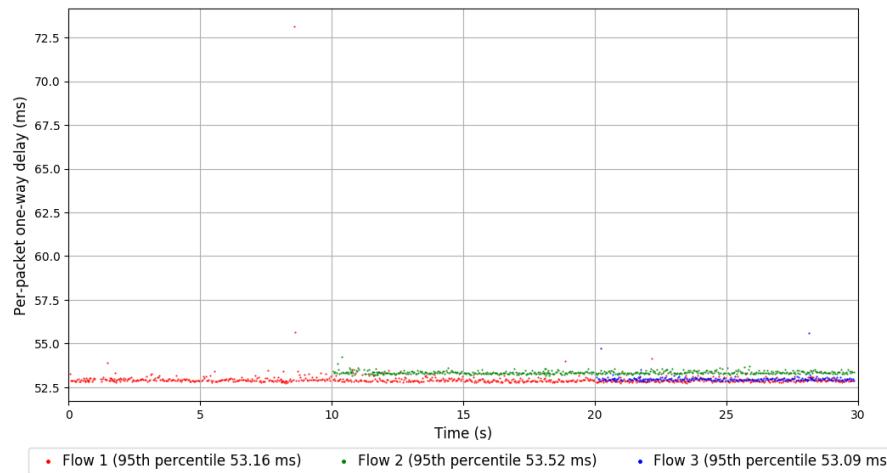
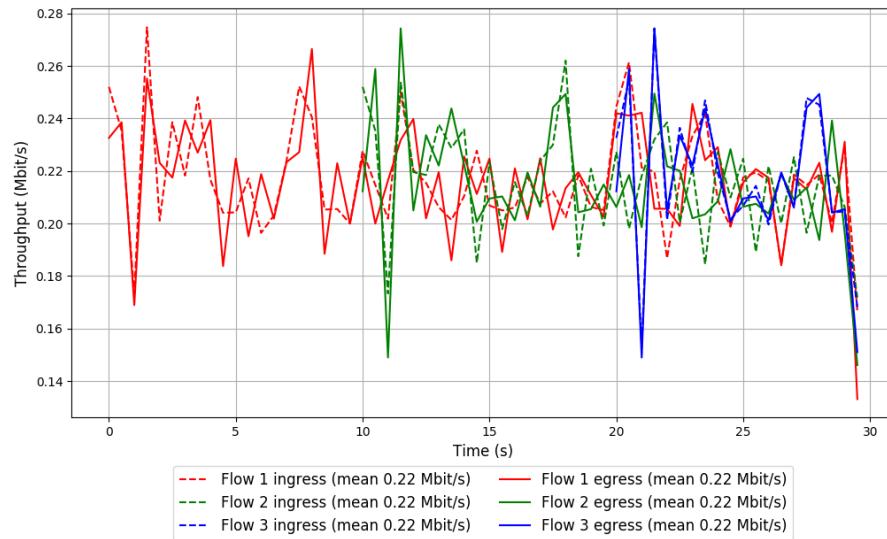


Run 2: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:28:00 +0000
End at: Sun, 09 Jul 2017 23:28:30 +0000
Local clock offset: 0.536 ms
Remote clock offset: -4.571 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.449 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.161 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.519 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.092 ms
Loss rate: 0.76%
```

Run 2: Report of SCReAM — Data Link

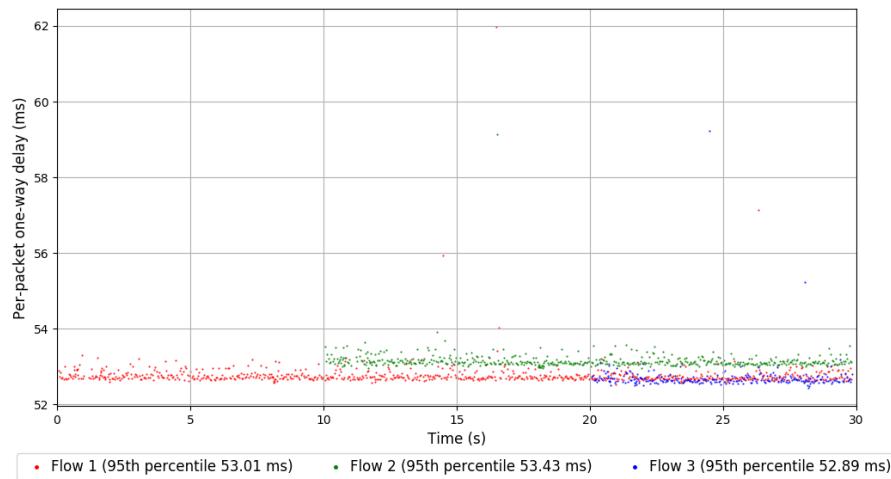
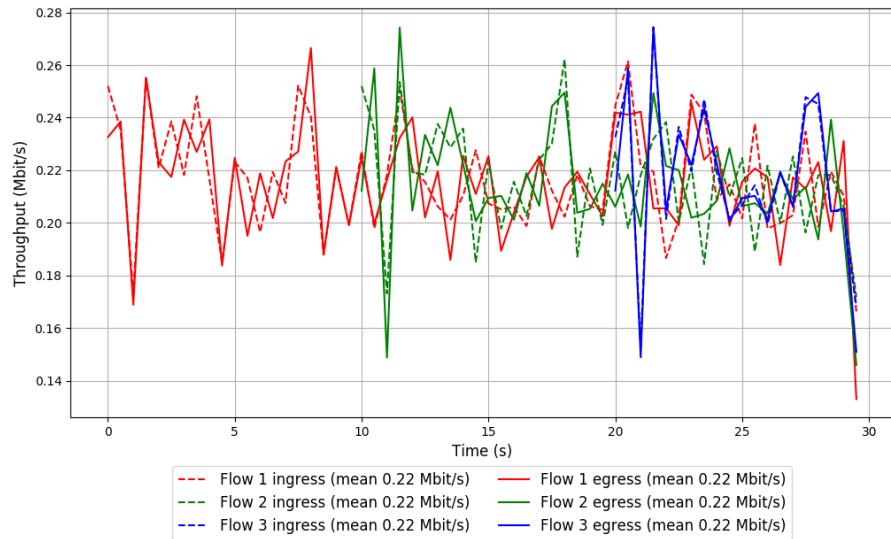


Run 3: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:46:22 +0000
End at: Sun, 09 Jul 2017 23:46:52 +0000
Local clock offset: 0.507 ms
Remote clock offset: -5.233 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.267 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.014 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.434 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.893 ms
Loss rate: 0.76%
```

Run 3: Report of SCReAM — Data Link

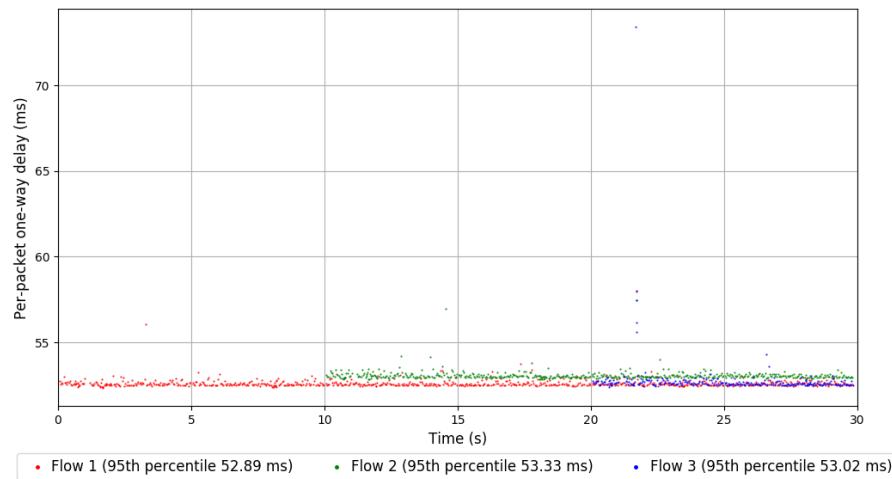
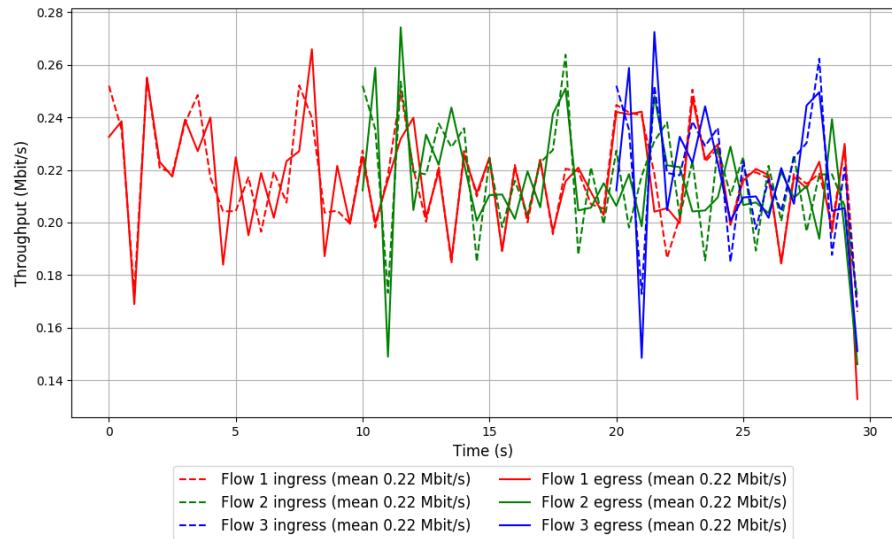


Run 4: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:04:46 +0000
End at: Mon, 10 Jul 2017 00:05:17 +0000
Local clock offset: 0.511 ms
Remote clock offset: -5.249 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.190 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.889 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.334 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.017 ms
Loss rate: 1.11%
```

Run 4: Report of SCReAM — Data Link

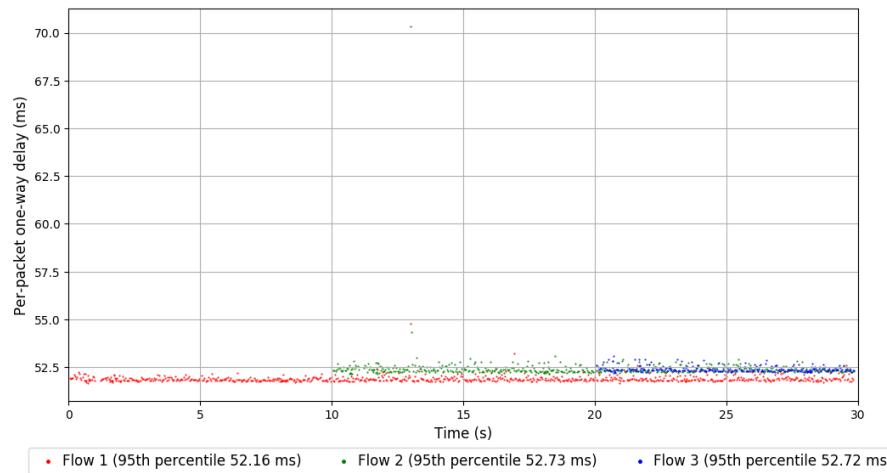
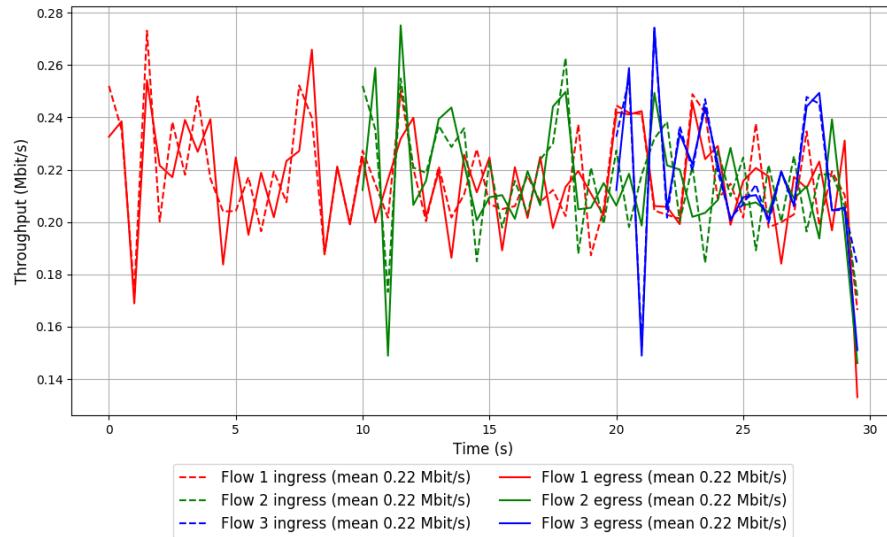


Run 5: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:23:25 +0000
End at: Mon, 10 Jul 2017 00:23:55 +0000
Local clock offset: 0.444 ms
Remote clock offset: -5.0 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 52.636 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.155 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.732 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.724 ms
Loss rate: 1.11%
```

Run 5: Report of SCReAM — Data Link

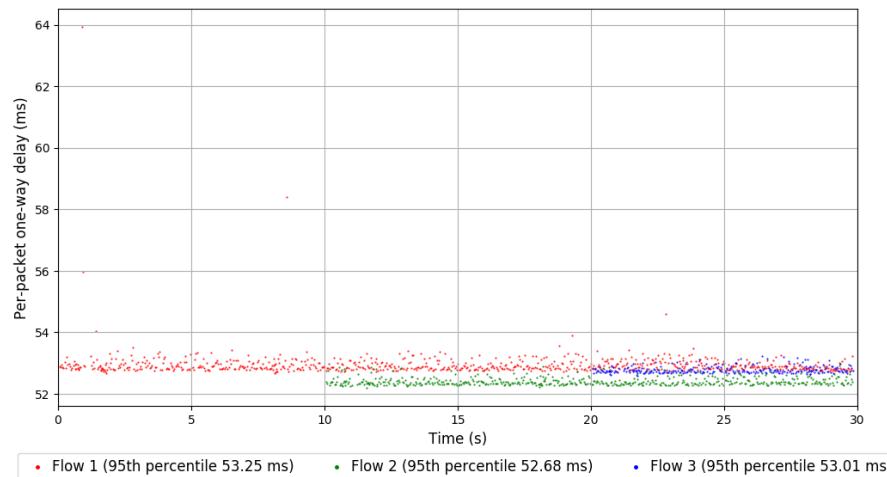
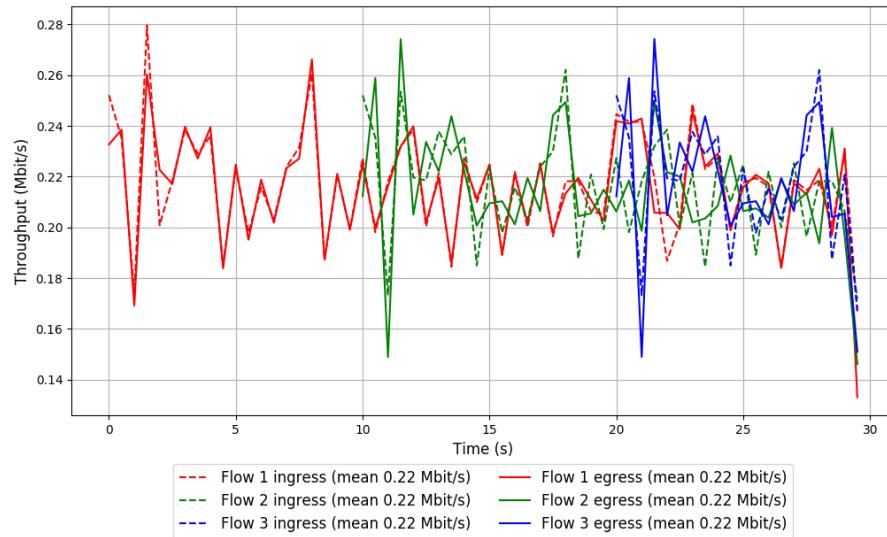


Run 6: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:42:07 +0000
End at: Mon, 10 Jul 2017 00:42:37 +0000
Local clock offset: 0.477 ms
Remote clock offset: -4.86 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.161 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.254 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.684 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.007 ms
Loss rate: 1.11%
```

Run 6: Report of SCReAM — Data Link

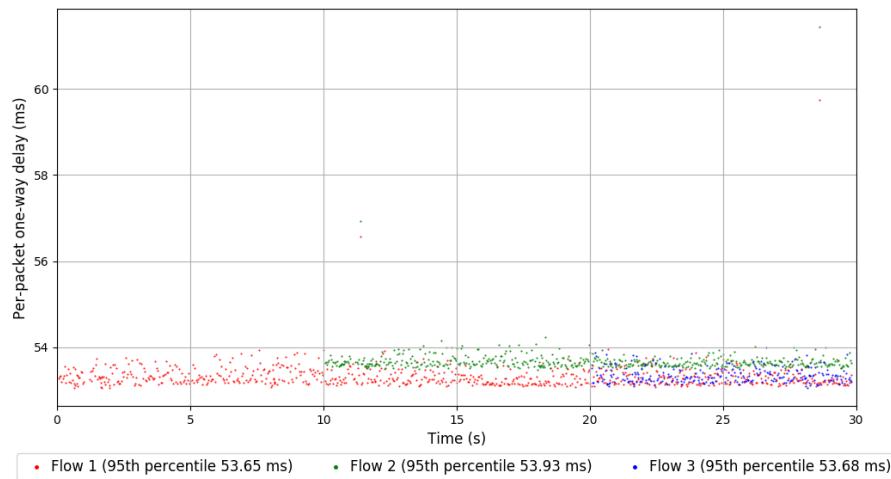
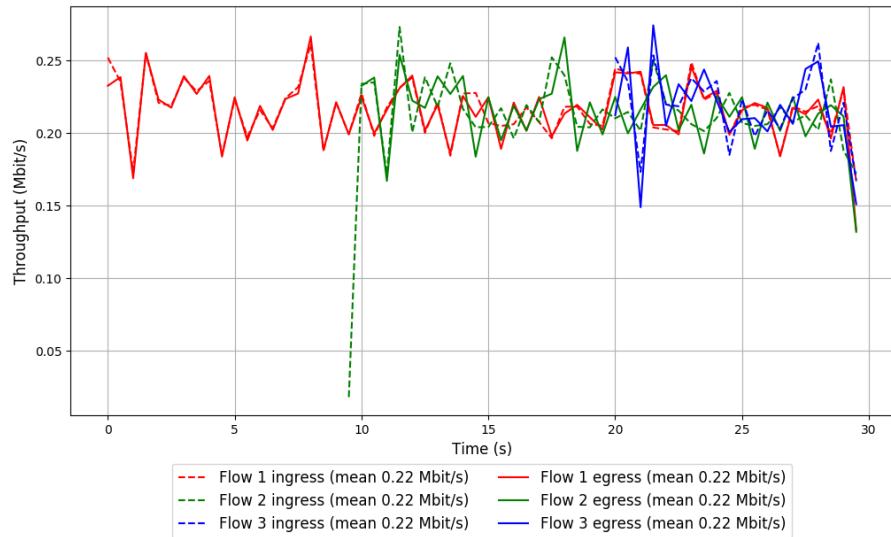


Run 7: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:00:27 +0000
End at: Mon, 10 Jul 2017 01:00:57 +0000
Local clock offset: 0.433 ms
Remote clock offset: -4.289 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.815 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.654 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.931 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.679 ms
Loss rate: 1.11%
```

Run 7: Report of SCReAM — Data Link

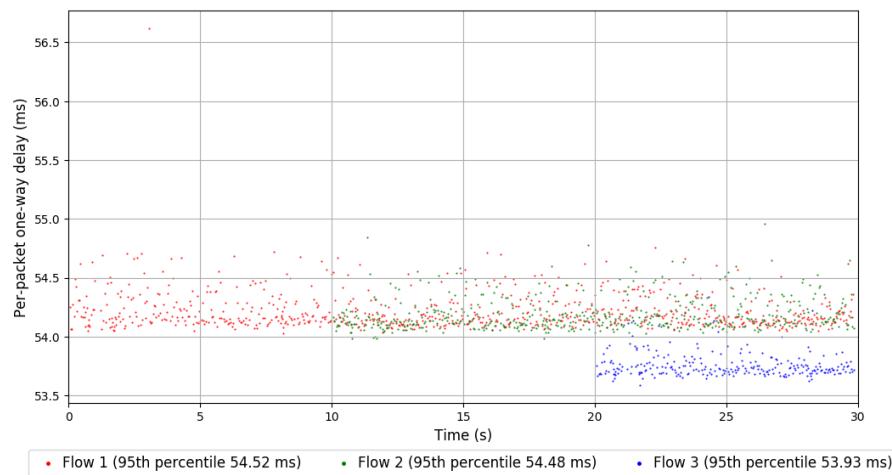
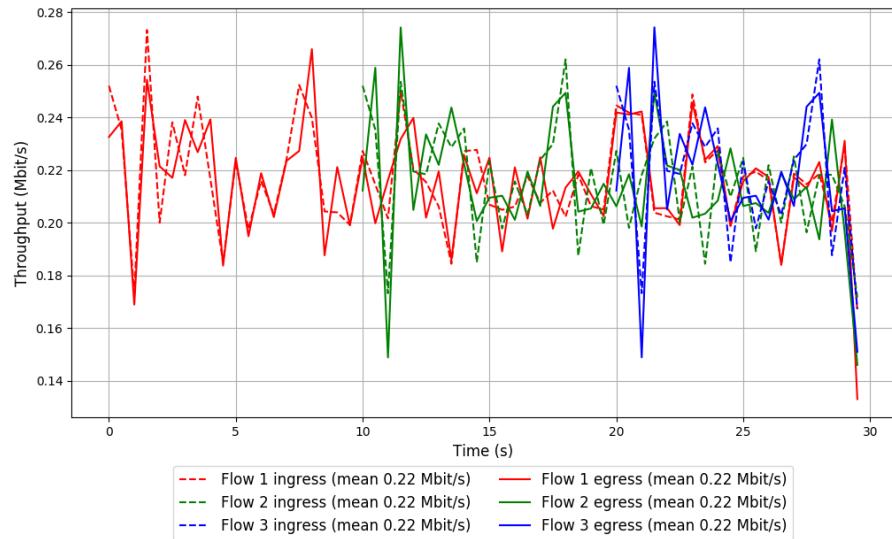


Run 8: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:19:08 +0000
End at: Mon, 10 Jul 2017 01:19:38 +0000
Local clock offset: 0.367 ms
Remote clock offset: -3.834 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 54.481 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.522 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.482 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.929 ms
Loss rate: 1.10%
```

## Run 8: Report of SCReAM — Data Link

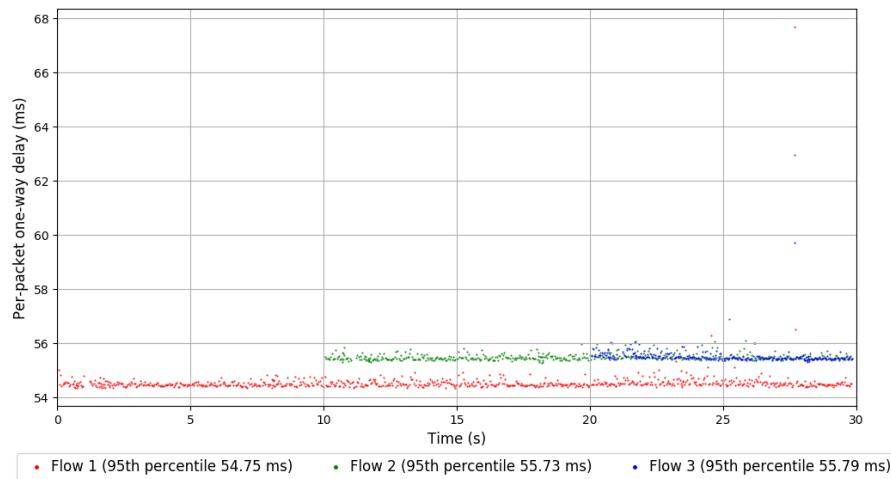
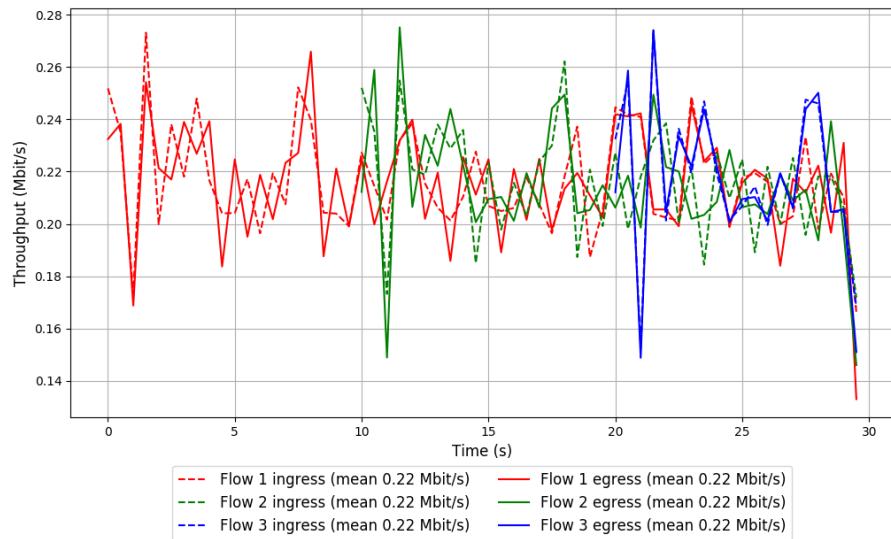


Run 9: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:37:41 +0000
End at: Mon, 10 Jul 2017 01:38:11 +0000
Local clock offset: 0.388 ms
Remote clock offset: -2.84 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 55.651 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.749 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.735 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.792 ms
Loss rate: 0.76%
```

Run 9: Report of SCReAM — Data Link

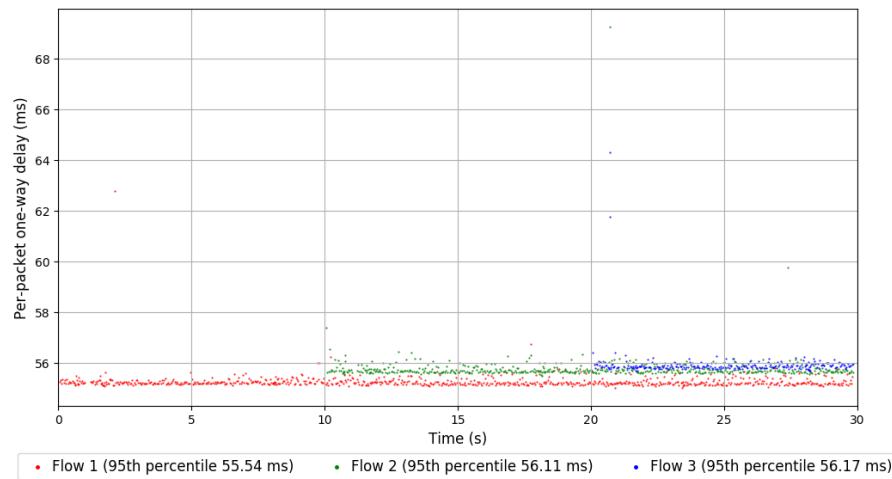
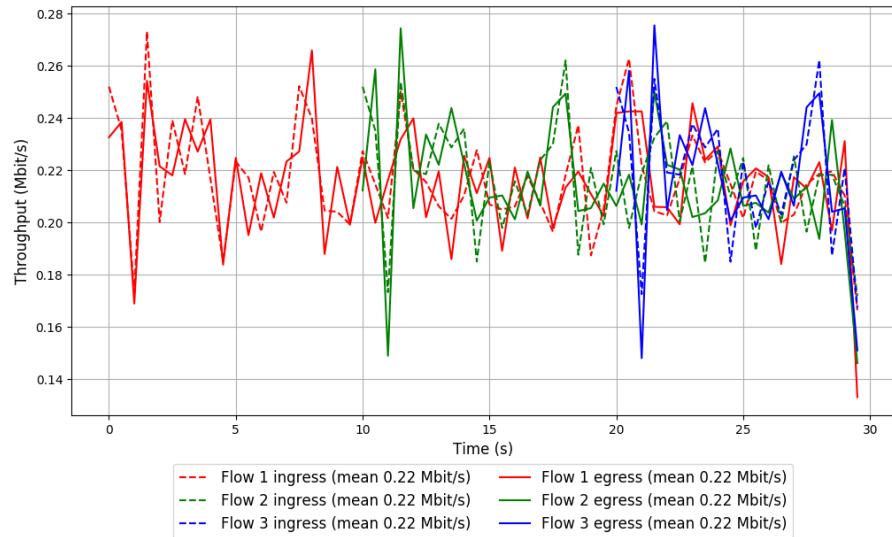


Run 10: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:56:06 +0000
End at: Mon, 10 Jul 2017 01:56:36 +0000
Local clock offset: 0.383 ms
Remote clock offset: -2.245 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 56.023 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.538 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.112 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.172 ms
Loss rate: 1.11%
```

Run 10: Report of SCReAM — Data Link

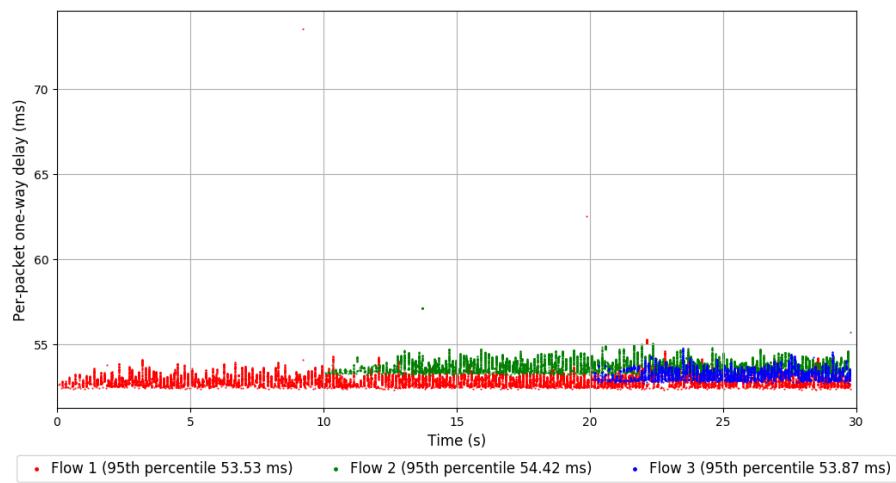
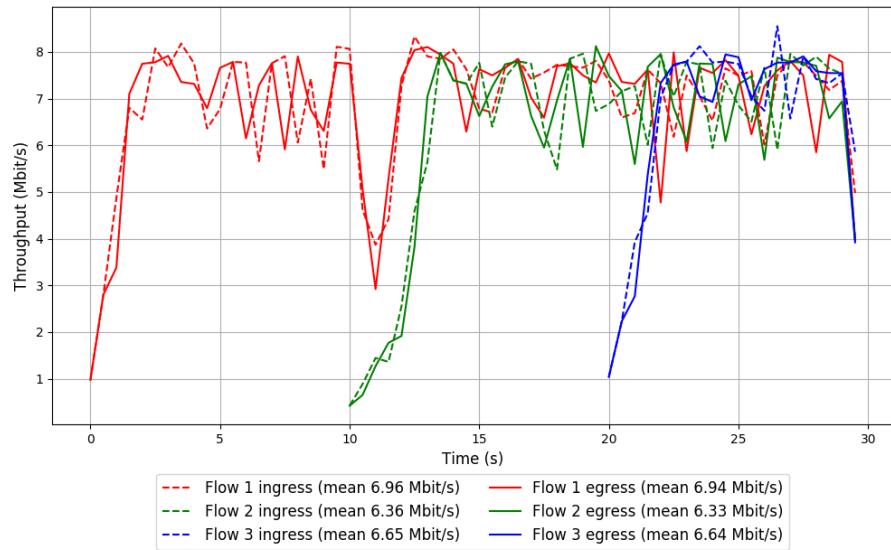


Run 1: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:18:59 +0000
End at: Sun, 09 Jul 2017 23:19:29 +0000
Local clock offset: 0.492 ms
Remote clock offset: -4.881 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.31 Mbit/s
95th percentile per-packet one-way delay: 54.158 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 53.535 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 6.33 Mbit/s
95th percentile per-packet one-way delay: 54.418 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 53.867 ms
Loss rate: 1.49%
```

## Run 1: Report of Sprout — Data Link

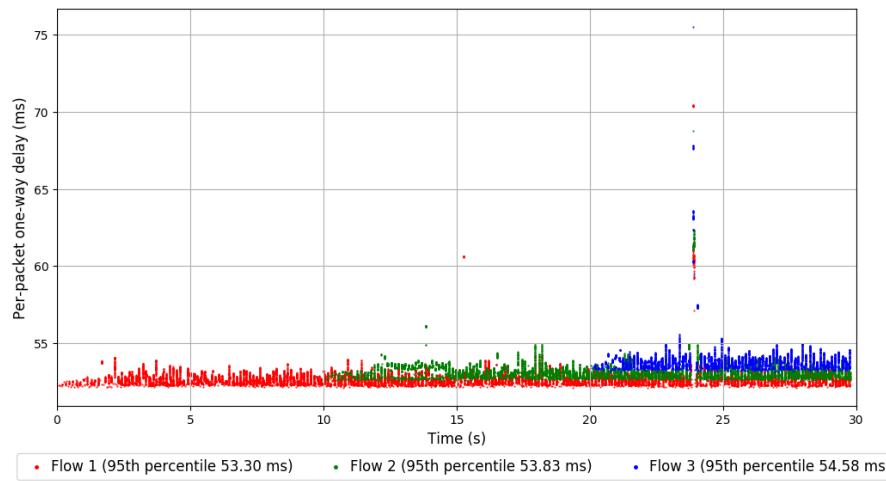
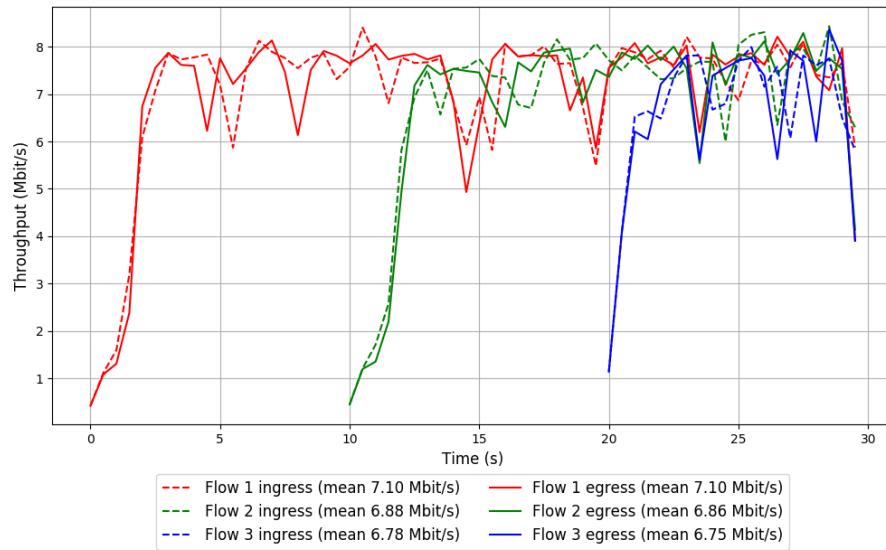


Run 2: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:37:44 +0000
End at: Sun, 09 Jul 2017 23:38:14 +0000
Local clock offset: 0.508 ms
Remote clock offset: -4.806 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.84 Mbit/s
95th percentile per-packet one-way delay: 54.056 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 7.10 Mbit/s
95th percentile per-packet one-way delay: 53.305 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 53.834 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 6.75 Mbit/s
95th percentile per-packet one-way delay: 54.575 ms
Loss rate: 1.98%
```

## Run 2: Report of Sprout — Data Link

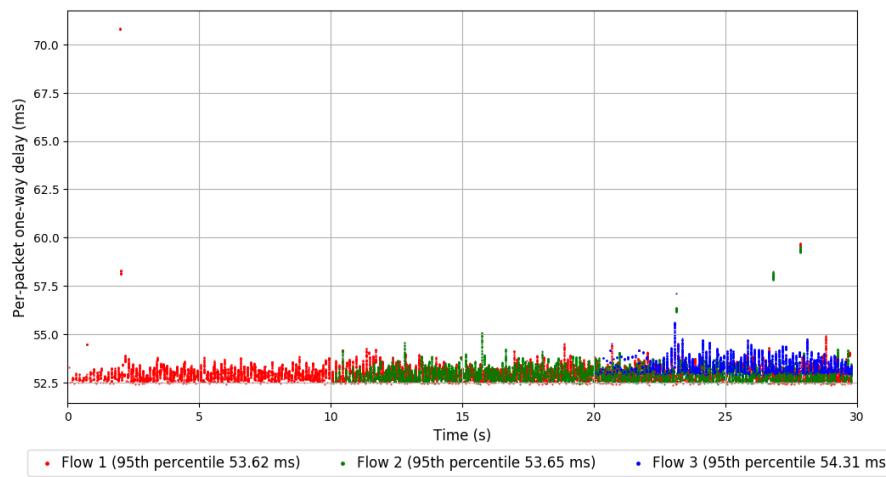
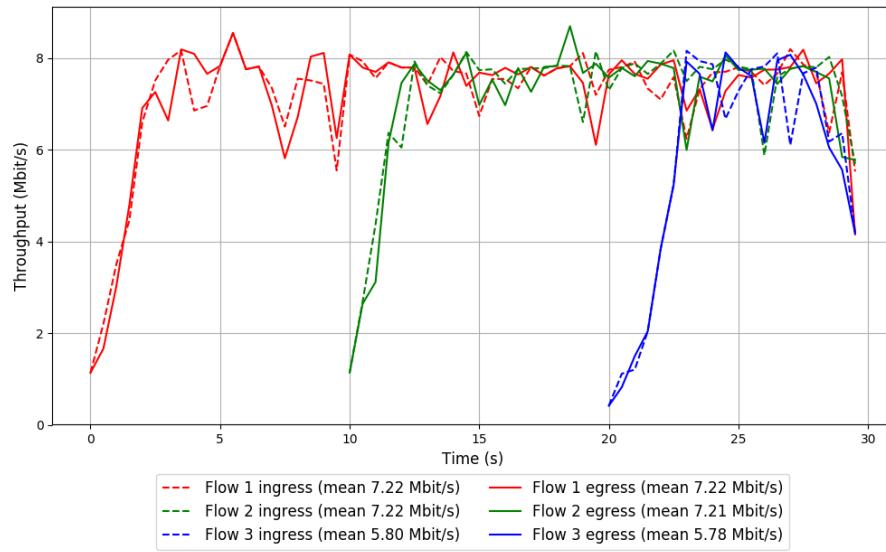


Run 3: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:56:06 +0000
End at: Sun, 09 Jul 2017 23:56:36 +0000
Local clock offset: 0.486 ms
Remote clock offset: -5.251 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 53.847 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 53.621 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 53.654 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 5.78 Mbit/s
95th percentile per-packet one-way delay: 54.310 ms
Loss rate: 1.54%
```

Run 3: Report of Sprout — Data Link

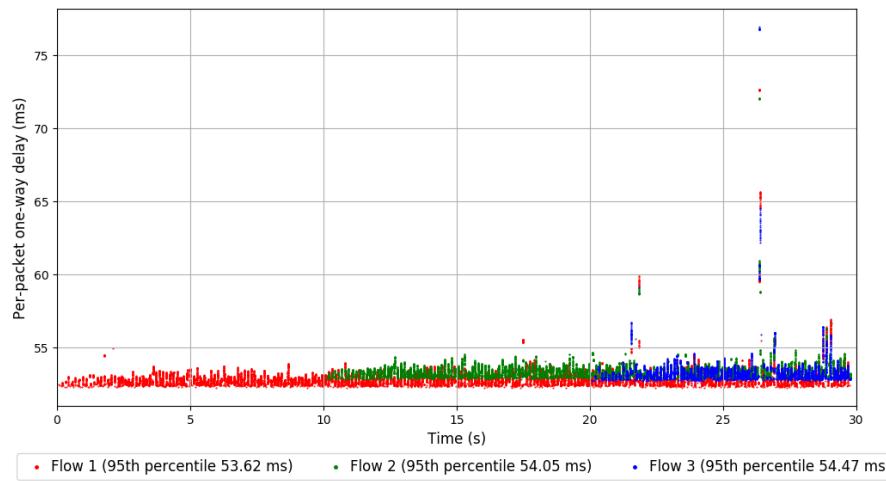
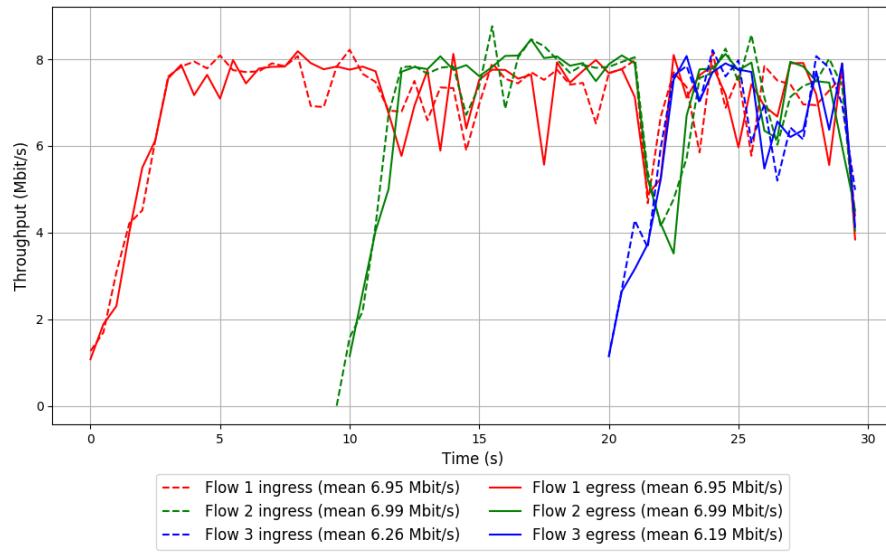


Run 4: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:14:42 +0000
End at: Mon, 10 Jul 2017 00:15:12 +0000
Local clock offset: 0.551 ms
Remote clock offset: -5.194 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.60 Mbit/s
95th percentile per-packet one-way delay: 53.957 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 53.619 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 54.048 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 6.19 Mbit/s
95th percentile per-packet one-way delay: 54.472 ms
Loss rate: 1.82%
```

Run 4: Report of Sprout — Data Link

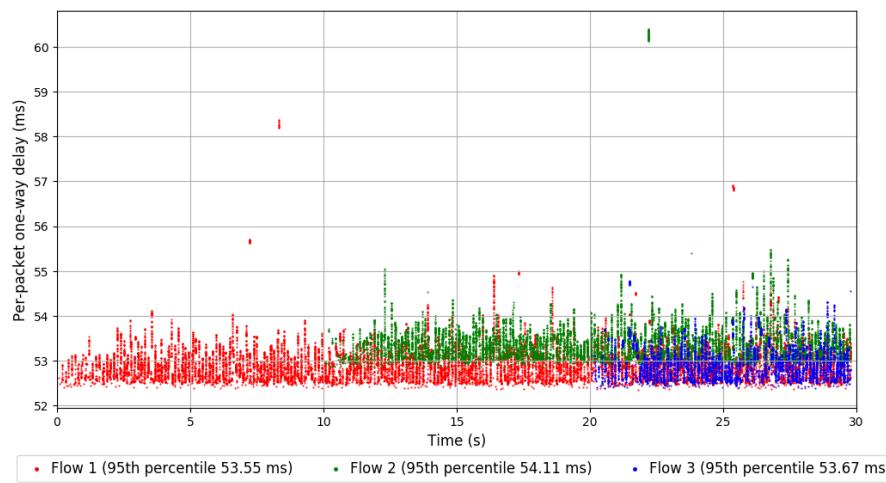
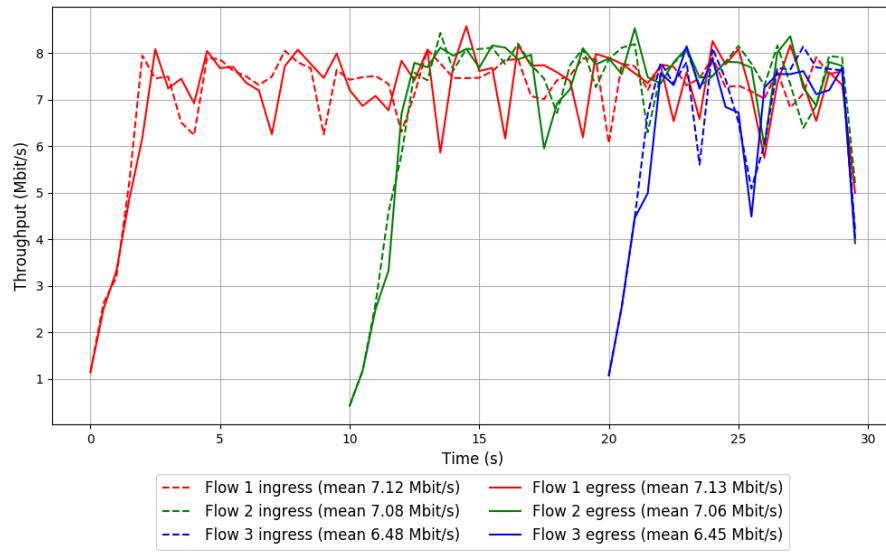


Run 5: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:33:12 +0000
End at: Mon, 10 Jul 2017 00:33:42 +0000
Local clock offset: 0.446 ms
Remote clock offset: -4.969 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.92 Mbit/s
95th percentile per-packet one-way delay: 53.853 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 7.13 Mbit/s
95th percentile per-packet one-way delay: 53.548 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 7.06 Mbit/s
95th percentile per-packet one-way delay: 54.107 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 53.671 ms
Loss rate: 1.49%
```

Run 5: Report of Sprout — Data Link

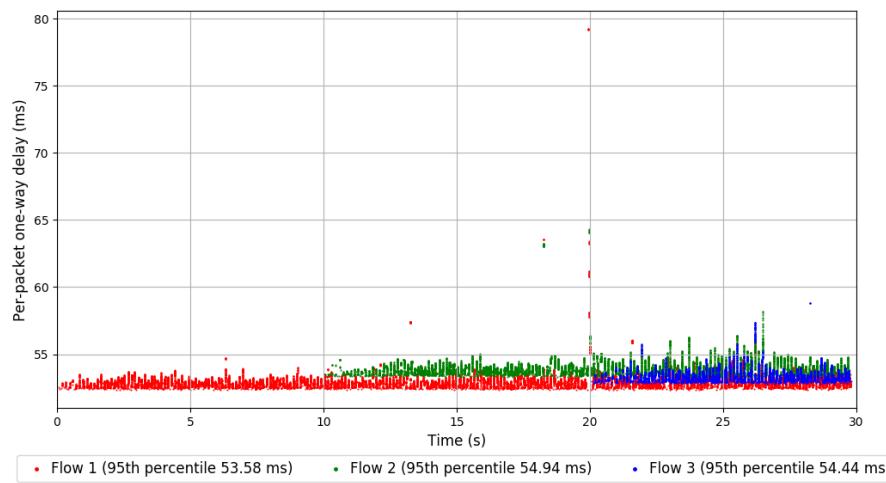
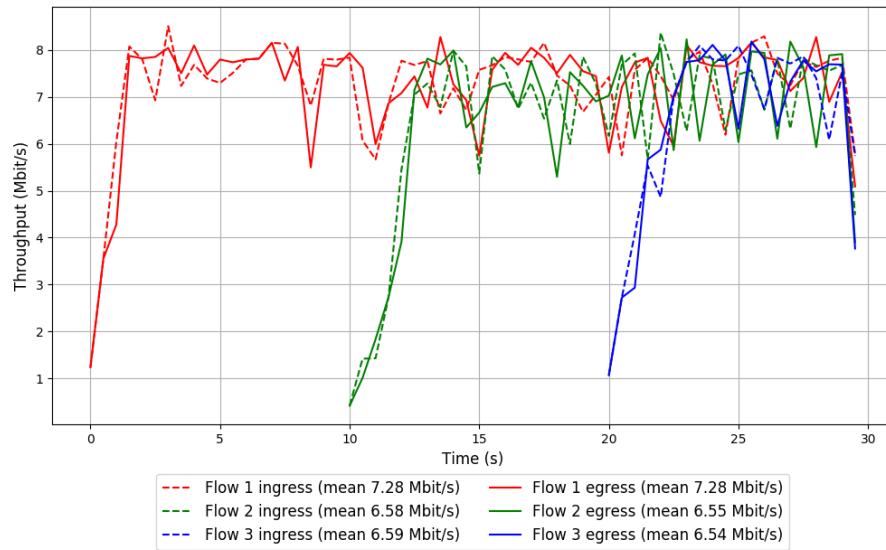


Run 6: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:51:48 +0000
End at: Mon, 10 Jul 2017 00:52:18 +0000
Local clock offset: 0.432 ms
Remote clock offset: -4.42 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.75 Mbit/s
95th percentile per-packet one-way delay: 54.551 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 53.577 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 6.55 Mbit/s
95th percentile per-packet one-way delay: 54.944 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 54.436 ms
Loss rate: 1.53%
```

Run 6: Report of Sprout — Data Link

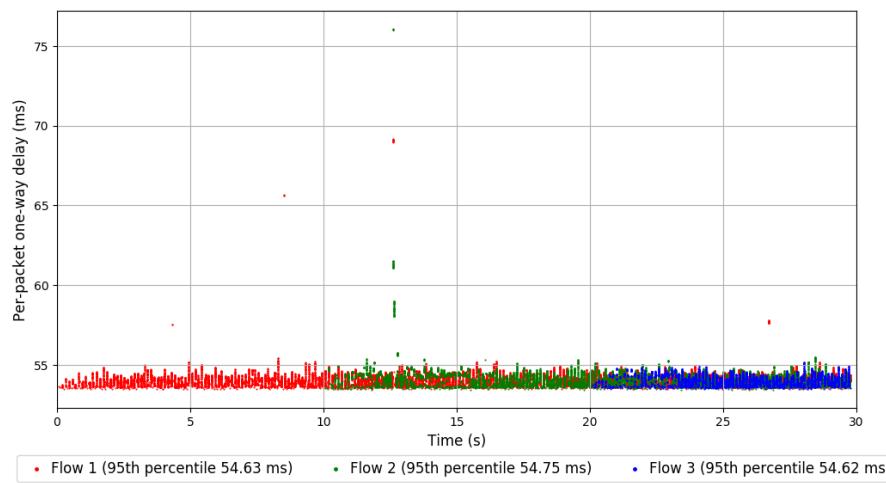
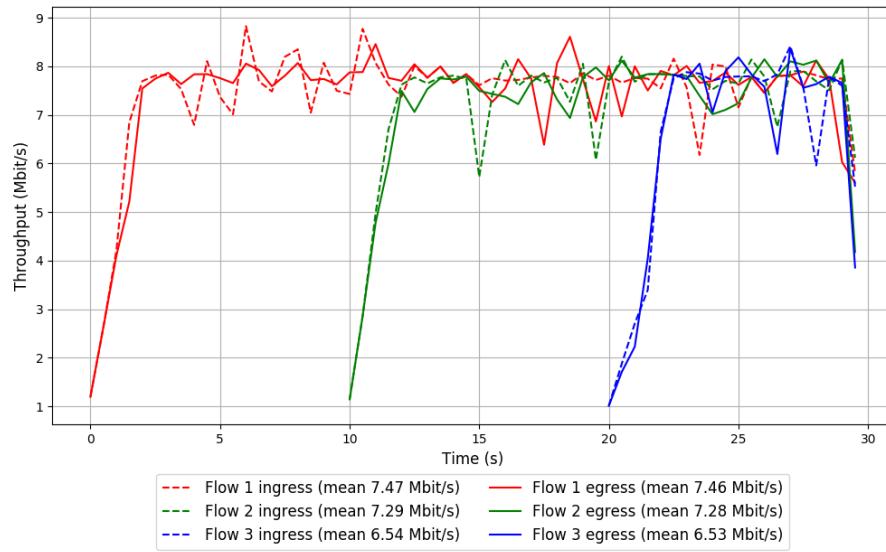


Run 7: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:10:26 +0000
End at: Mon, 10 Jul 2017 01:10:56 +0000
Local clock offset: 0.413 ms
Remote clock offset: -4.207 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.42 Mbit/s
95th percentile per-packet one-way delay: 54.672 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 7.46 Mbit/s
95th percentile per-packet one-way delay: 54.632 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 54.753 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 54.618 ms
Loss rate: 1.43%
```

Run 7: Report of Sprout — Data Link

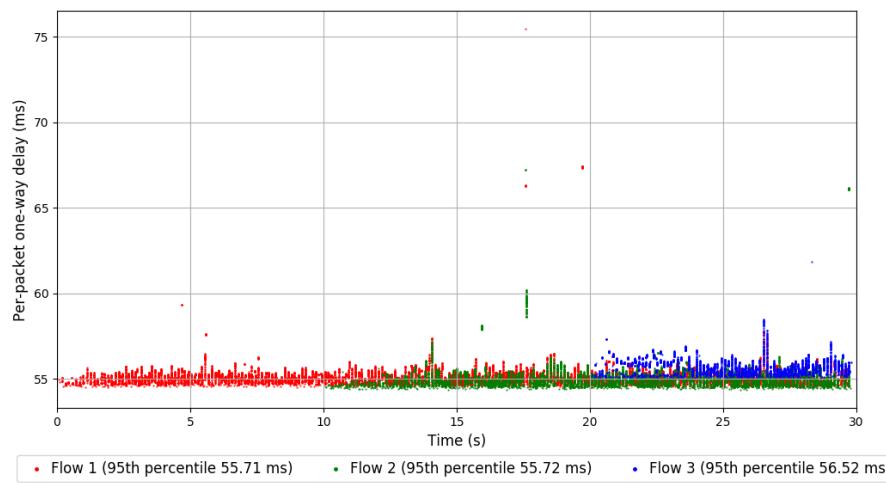
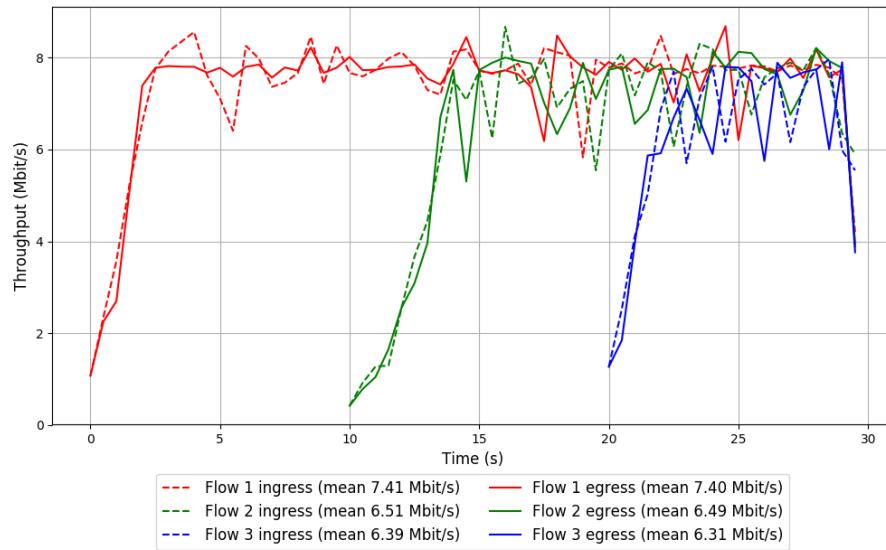


Run 8: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:28:51 +0000
End at: Mon, 10 Jul 2017 01:29:21 +0000
Local clock offset: 0.304 ms
Remote clock offset: -3.182 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.76 Mbit/s
95th percentile per-packet one-way delay: 55.994 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 7.40 Mbit/s
95th percentile per-packet one-way delay: 55.706 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 6.49 Mbit/s
95th percentile per-packet one-way delay: 55.716 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 56.523 ms
Loss rate: 2.10%
```

## Run 8: Report of Sprout — Data Link

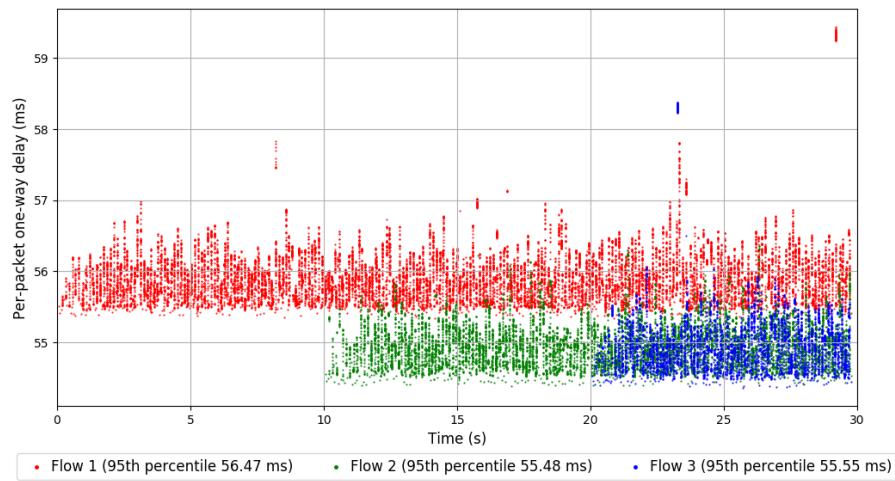
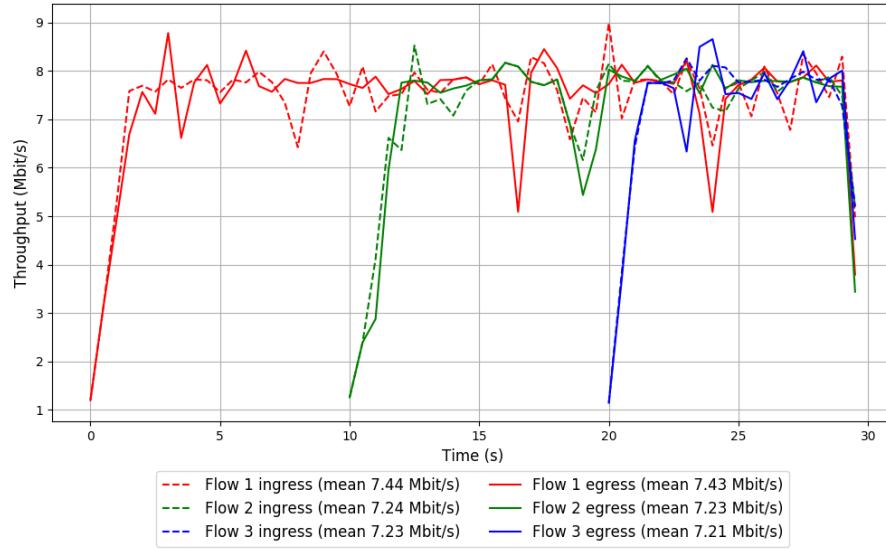


Run 9: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:47:30 +0000
End at: Mon, 10 Jul 2017 01:48:00 +0000
Local clock offset: 0.393 ms
Remote clock offset: -2.294 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 56.337 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 56.471 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 55.479 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 55.548 ms
Loss rate: 1.46%
```

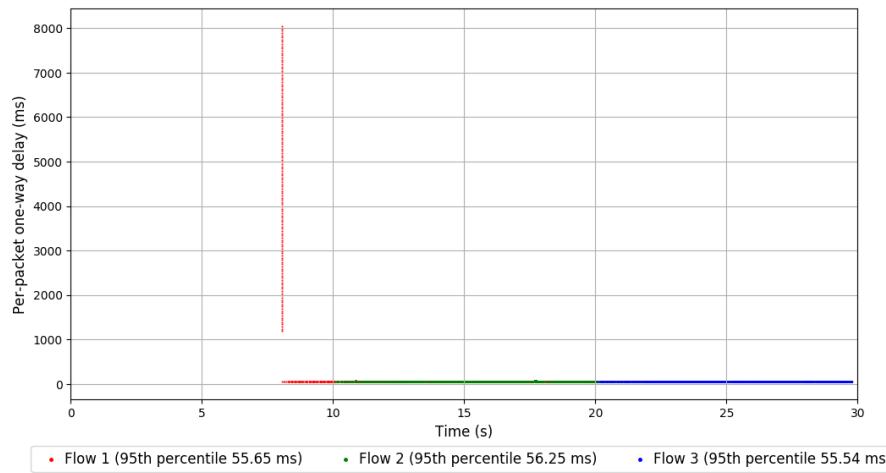
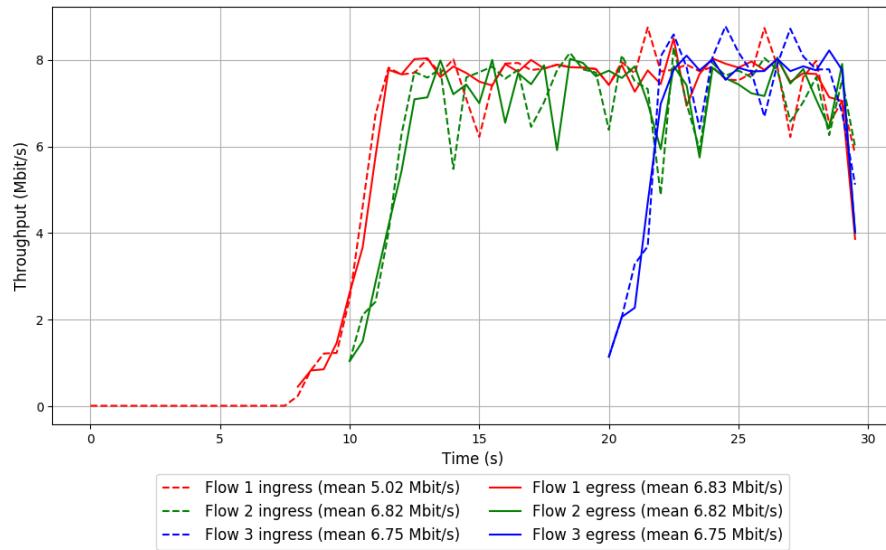
## Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Mon, 10 Jul 2017 02:05:51 +0000  
End at: Mon, 10 Jul 2017 02:06:21 +0000  
Local clock offset: 0.438 ms  
Remote clock offset: -2.727 ms

## Run 10: Report of Sprout — Data Link

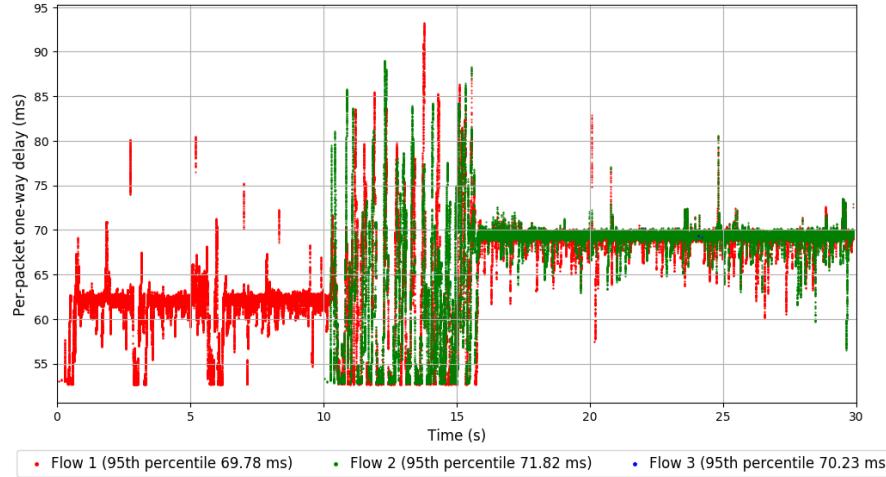
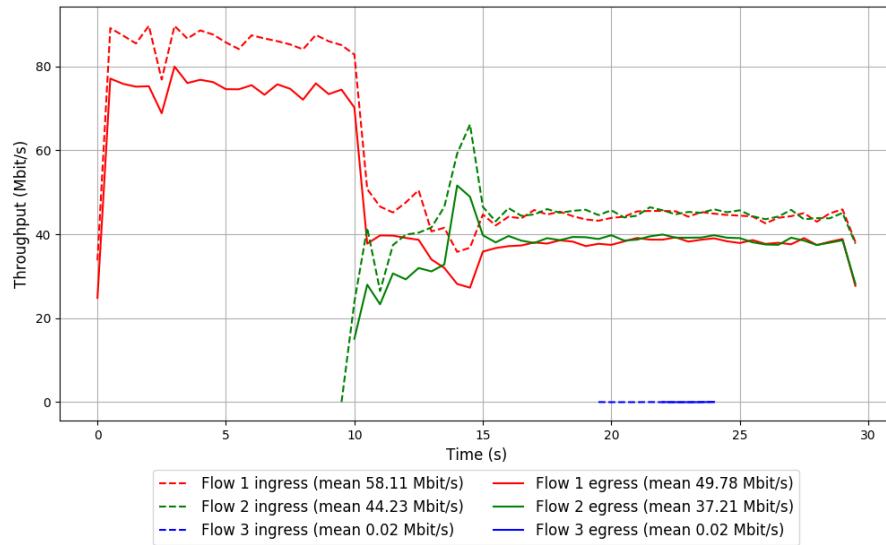


Run 1: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:24:05 +0000
End at: Sun, 09 Jul 2017 23:24:35 +0000
Local clock offset: 0.526 ms
Remote clock offset: -4.611 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 70.258 ms
Loss rate: 15.22%
-- Flow 1:
Average throughput: 49.78 Mbit/s
95th percentile per-packet one-way delay: 69.777 ms
Loss rate: 14.65%
-- Flow 2:
Average throughput: 37.21 Mbit/s
95th percentile per-packet one-way delay: 71.822 ms
Loss rate: 16.35%
-- Flow 3:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 70.228 ms
Loss rate: 43.06%
```

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

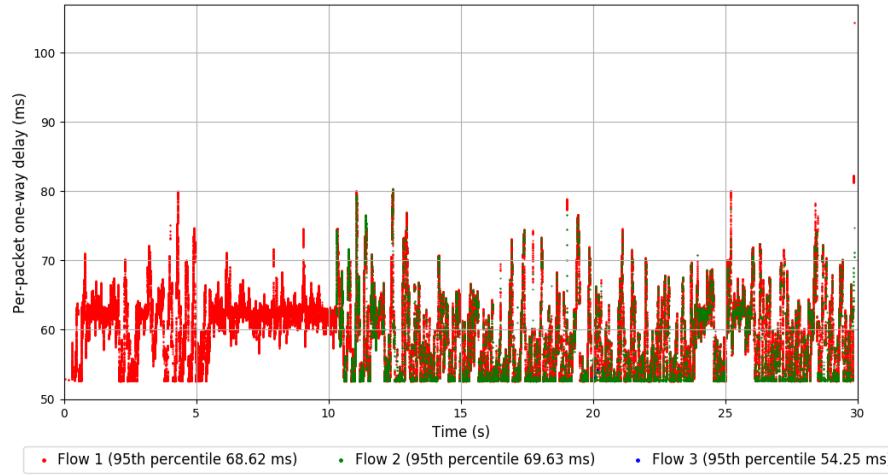
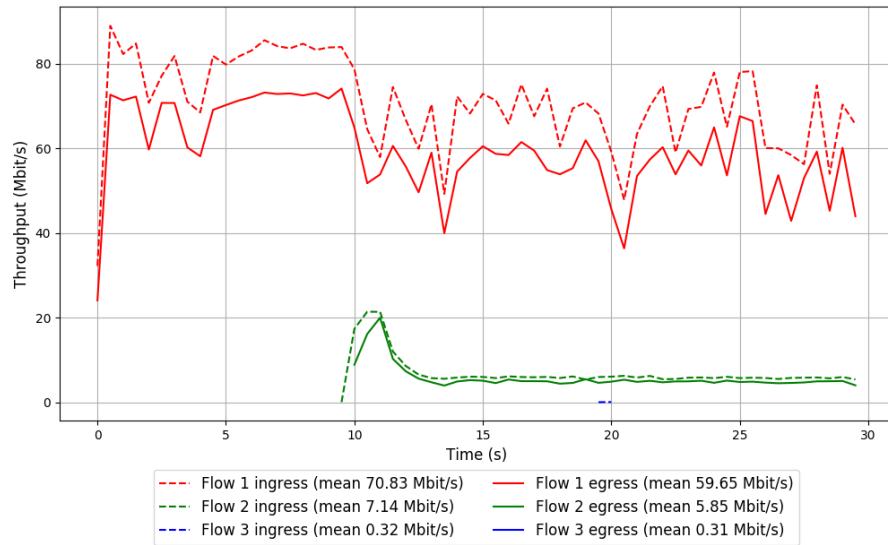


Run 2: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:42:36 +0000
End at: Sun, 09 Jul 2017 23:43:06 +0000
Local clock offset: 0.396 ms
Remote clock offset: -5.08 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.55 Mbit/s
95th percentile per-packet one-way delay: 68.678 ms
Loss rate: 16.26%
-- Flow 1:
Average throughput: 59.65 Mbit/s
95th percentile per-packet one-way delay: 68.617 ms
Loss rate: 16.11%
-- Flow 2:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 69.628 ms
Loss rate: 18.52%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 54.248 ms
Loss rate: 0.00%
```

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

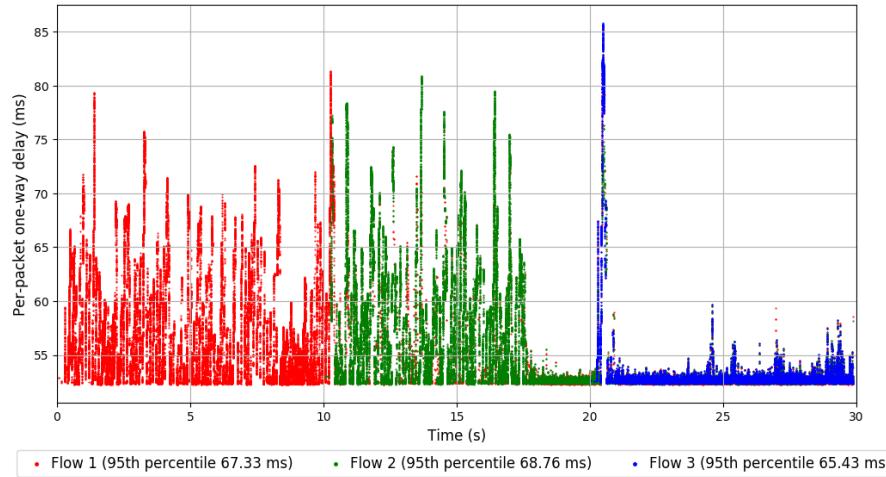
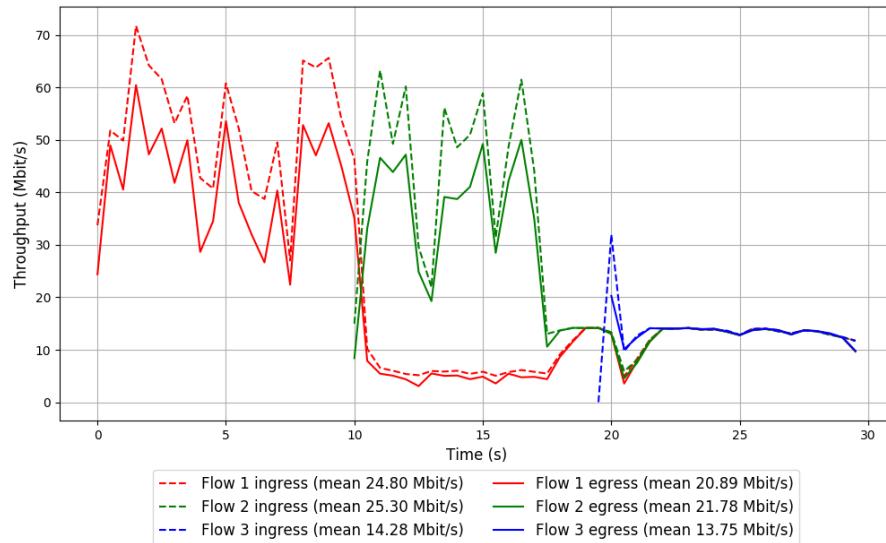


Run 3: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:00:59 +0000
End at: Mon, 10 Jul 2017 00:01:29 +0000
Local clock offset: 0.448 ms
Remote clock offset: -5.333 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 67.572 ms
Loss rate: 14.31%
-- Flow 1:
Average throughput: 20.89 Mbit/s
95th percentile per-packet one-way delay: 67.334 ms
Loss rate: 16.07%
-- Flow 2:
Average throughput: 21.78 Mbit/s
95th percentile per-packet one-way delay: 68.762 ms
Loss rate: 14.41%
-- Flow 3:
Average throughput: 13.75 Mbit/s
95th percentile per-packet one-way delay: 65.433 ms
Loss rate: 4.81%
```

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

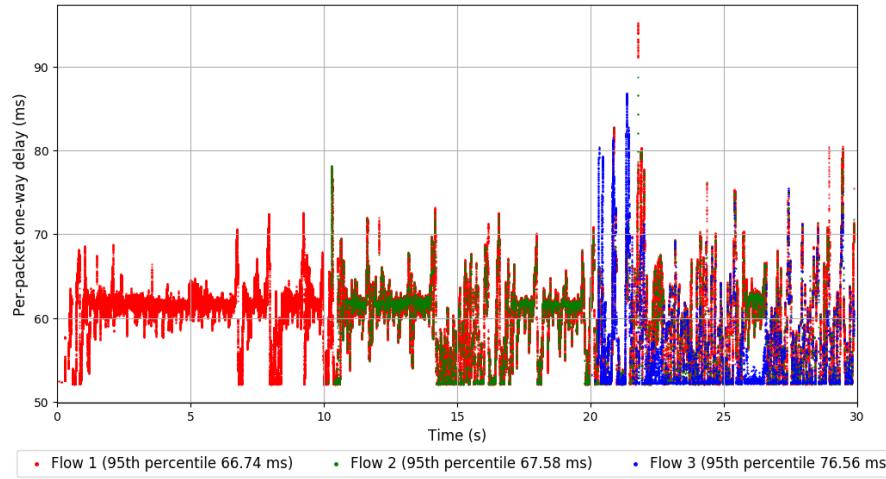
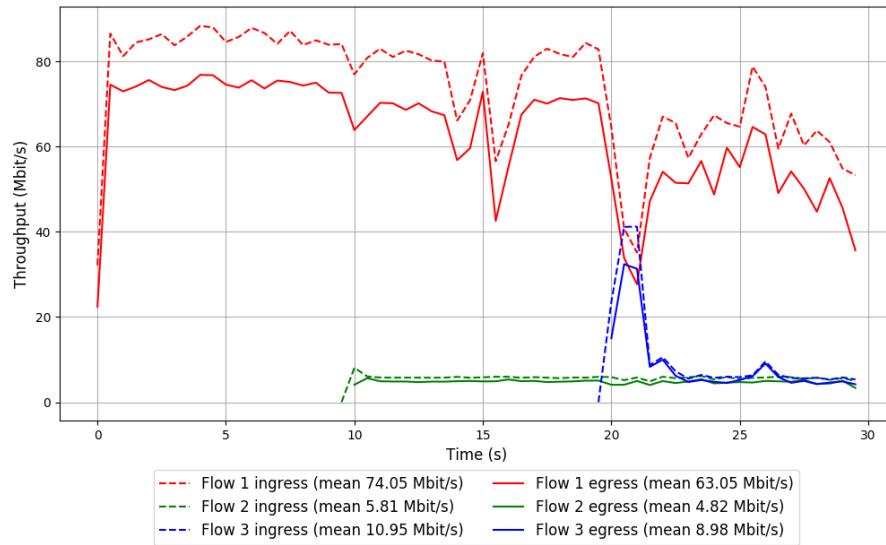


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:19:38 +0000
End at: Mon, 10 Jul 2017 00:20:08 +0000
Local clock offset: 0.523 ms
Remote clock offset: -5.256 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.21 Mbit/s
95th percentile per-packet one-way delay: 67.103 ms
Loss rate: 15.45%
-- Flow 1:
Average throughput: 63.05 Mbit/s
95th percentile per-packet one-way delay: 66.741 ms
Loss rate: 15.16%
-- Flow 2:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 67.579 ms
Loss rate: 17.57%
-- Flow 3:
Average throughput: 8.98 Mbit/s
95th percentile per-packet one-way delay: 76.555 ms
Loss rate: 19.00%
```

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

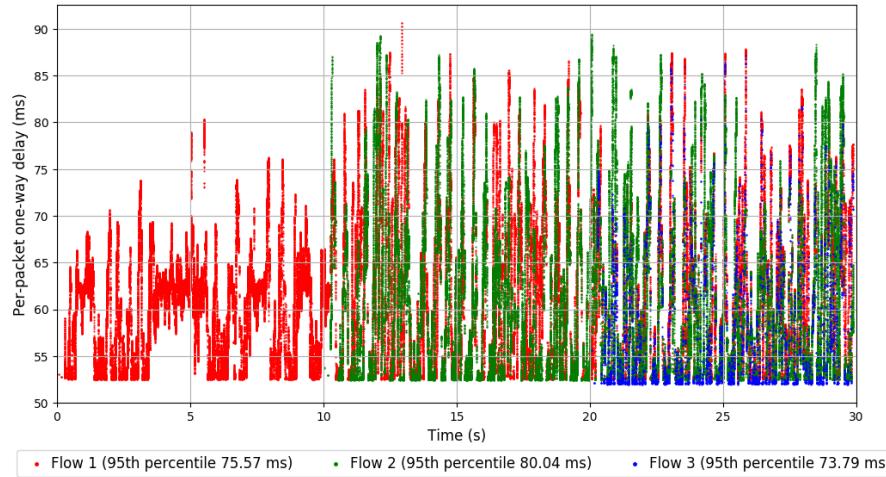
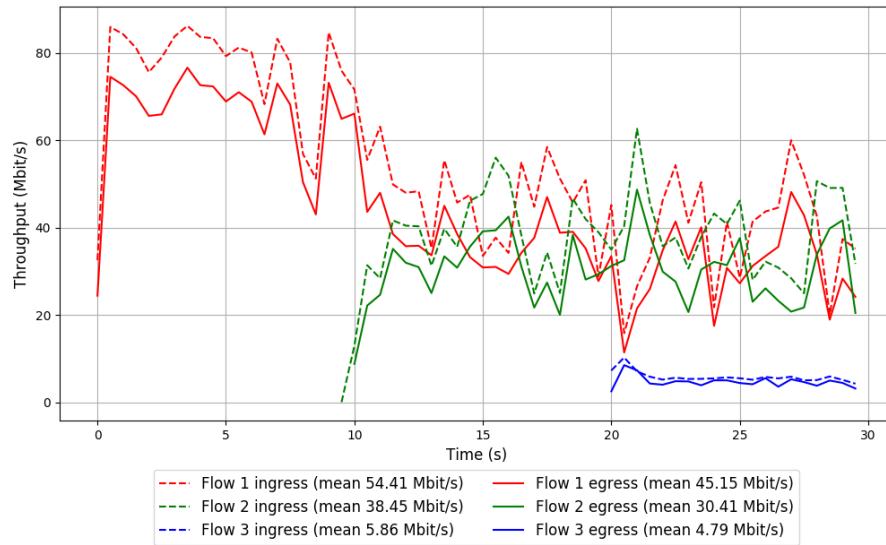


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:38:03 +0000
End at: Mon, 10 Jul 2017 00:38:33 +0000
Local clock offset: 0.524 ms
Remote clock offset: -4.951 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.95 Mbit/s
95th percentile per-packet one-way delay: 77.247 ms
Loss rate: 18.63%
-- Flow 1:
Average throughput: 45.15 Mbit/s
95th percentile per-packet one-way delay: 75.571 ms
Loss rate: 17.33%
-- Flow 2:
Average throughput: 30.41 Mbit/s
95th percentile per-packet one-way delay: 80.042 ms
Loss rate: 21.36%
-- Flow 3:
Average throughput: 4.79 Mbit/s
95th percentile per-packet one-way delay: 73.787 ms
Loss rate: 19.16%
```

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

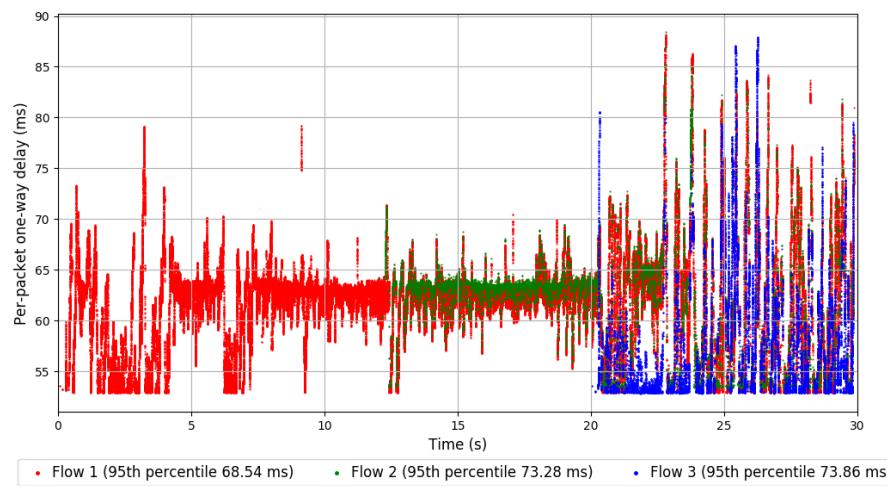
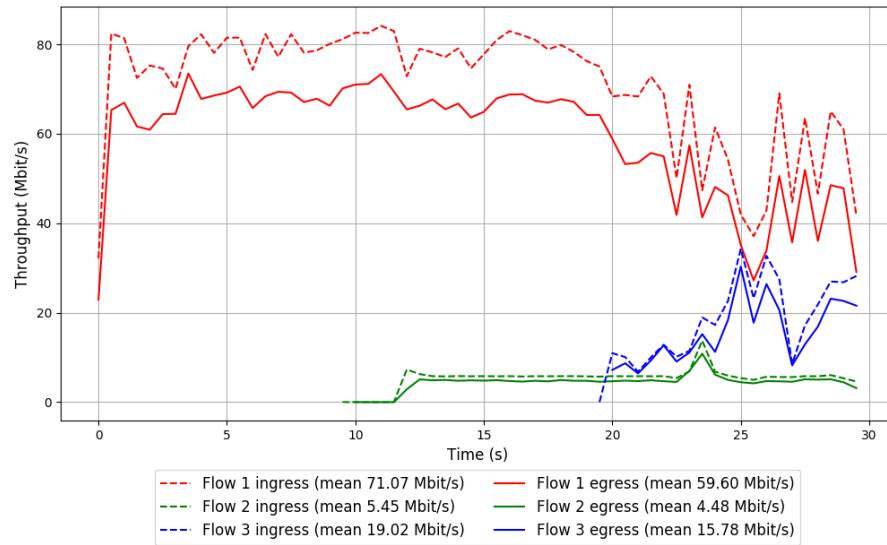


Run 6: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:56:41 +0000
End at: Mon, 10 Jul 2017 00:57:11 +0000
Local clock offset: 0.466 ms
Remote clock offset: -4.518 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.77 Mbit/s
95th percentile per-packet one-way delay: 69.020 ms
Loss rate: 16.67%
-- Flow 1:
Average throughput: 59.60 Mbit/s
95th percentile per-packet one-way delay: 68.542 ms
Loss rate: 16.46%
-- Flow 2:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 73.278 ms
Loss rate: 18.18%
-- Flow 3:
Average throughput: 15.78 Mbit/s
95th percentile per-packet one-way delay: 73.860 ms
Loss rate: 18.13%
```

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

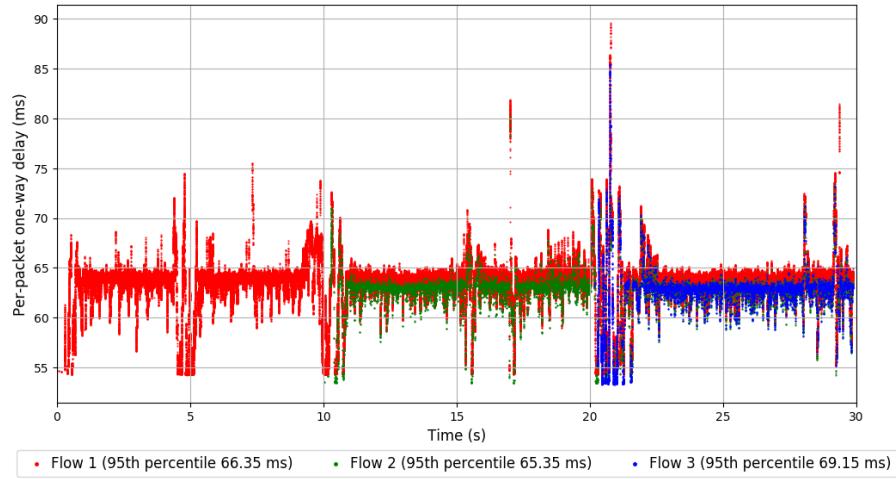
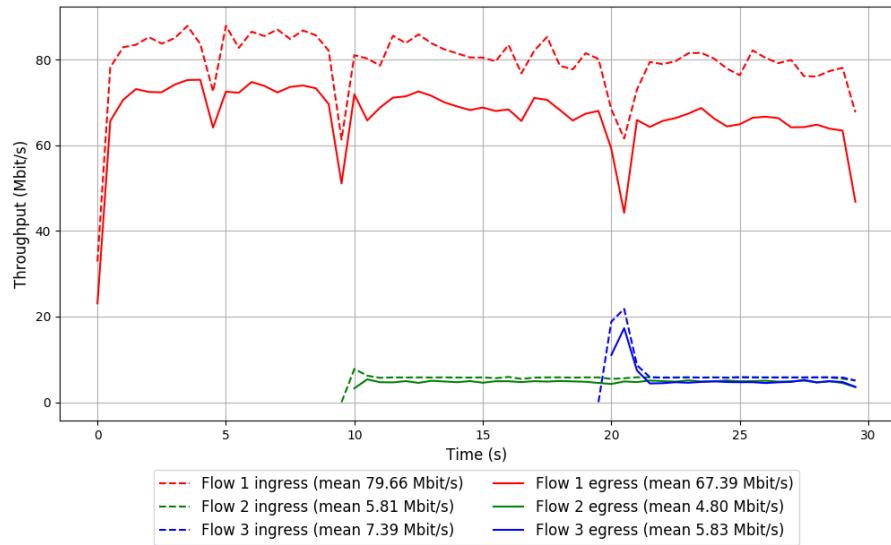


Run 7: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:15:21 +0000
End at: Mon, 10 Jul 2017 01:15:51 +0000
Local clock offset: 0.397 ms
Remote clock offset: -3.724 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.50 Mbit/s
95th percentile per-packet one-way delay: 66.392 ms
Loss rate: 16.01%
-- Flow 1:
Average throughput: 67.39 Mbit/s
95th percentile per-packet one-way delay: 66.353 ms
Loss rate: 15.73%
-- Flow 2:
Average throughput: 4.80 Mbit/s
95th percentile per-packet one-way delay: 65.352 ms
Loss rate: 17.91%
-- Flow 3:
Average throughput: 5.83 Mbit/s
95th percentile per-packet one-way delay: 69.152 ms
Loss rate: 22.17%
```

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

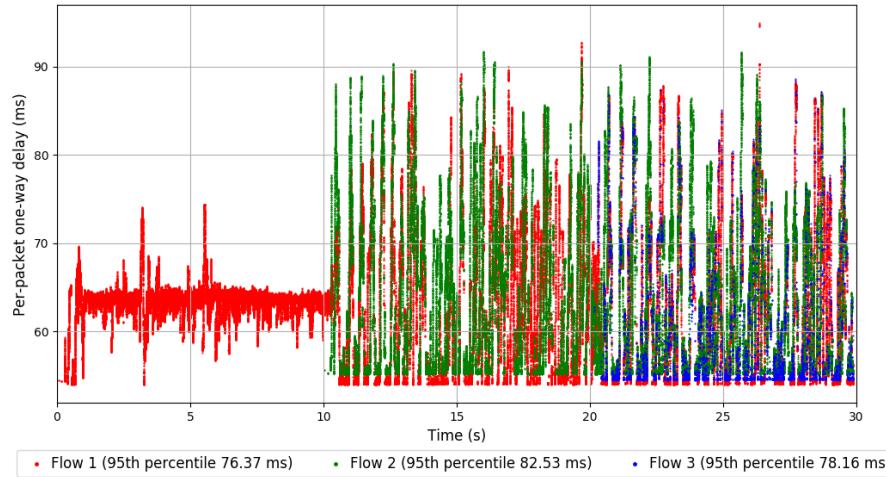
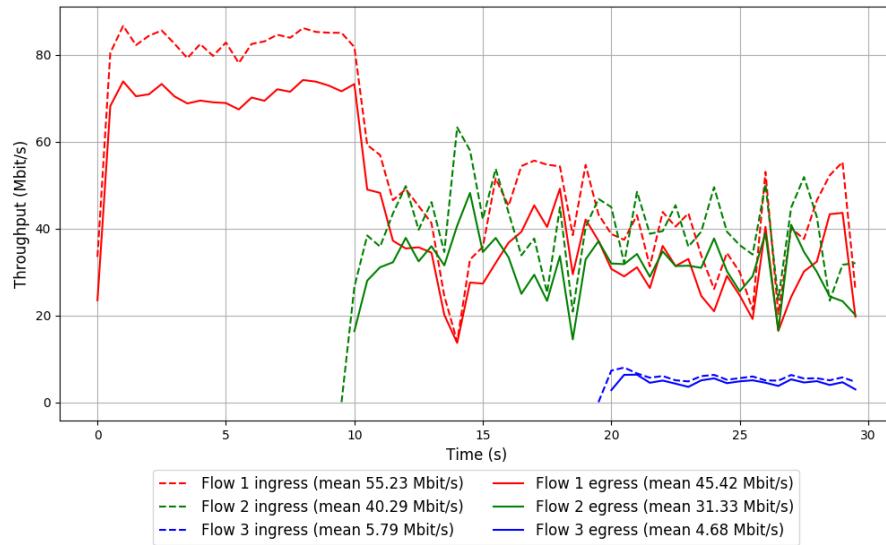


Run 8: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:33:47 +0000
End at: Mon, 10 Jul 2017 01:34:17 +0000
Local clock offset: 0.36 ms
Remote clock offset: -3.088 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.78 Mbit/s
95th percentile per-packet one-way delay: 79.121 ms
Loss rate: 19.63%
-- Flow 1:
Average throughput: 45.42 Mbit/s
95th percentile per-packet one-way delay: 76.366 ms
Loss rate: 18.08%
-- Flow 2:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 82.533 ms
Loss rate: 22.77%
-- Flow 3:
Average throughput: 4.68 Mbit/s
95th percentile per-packet one-way delay: 78.164 ms
Loss rate: 20.10%
```

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

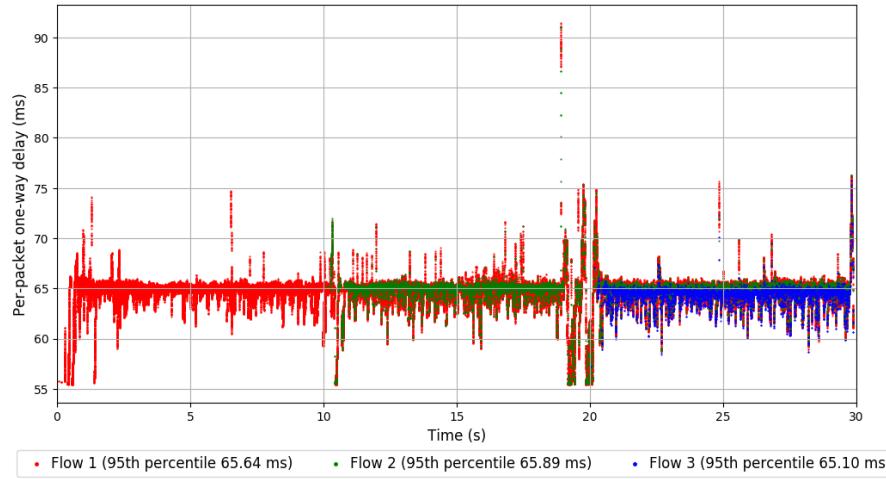
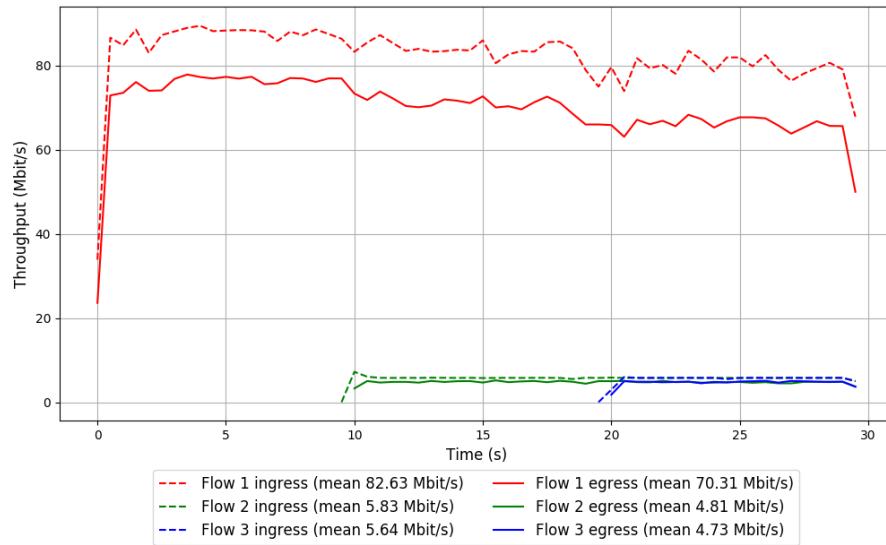


Run 9: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:52:19 +0000
End at: Mon, 10 Jul 2017 01:52:49 +0000
Local clock offset: 0.324 ms
Remote clock offset: -2.386 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.07 Mbit/s
95th percentile per-packet one-way delay: 65.636 ms
Loss rate: 15.39%
-- Flow 1:
Average throughput: 70.31 Mbit/s
95th percentile per-packet one-way delay: 65.636 ms
Loss rate: 15.23%
-- Flow 2:
Average throughput: 4.81 Mbit/s
95th percentile per-packet one-way delay: 65.890 ms
Loss rate: 17.91%
-- Flow 3:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 65.096 ms
Loss rate: 17.10%
```

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

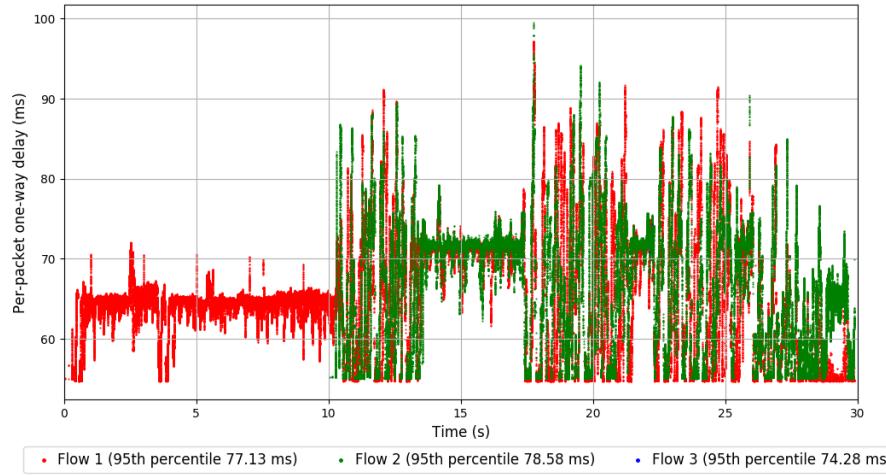
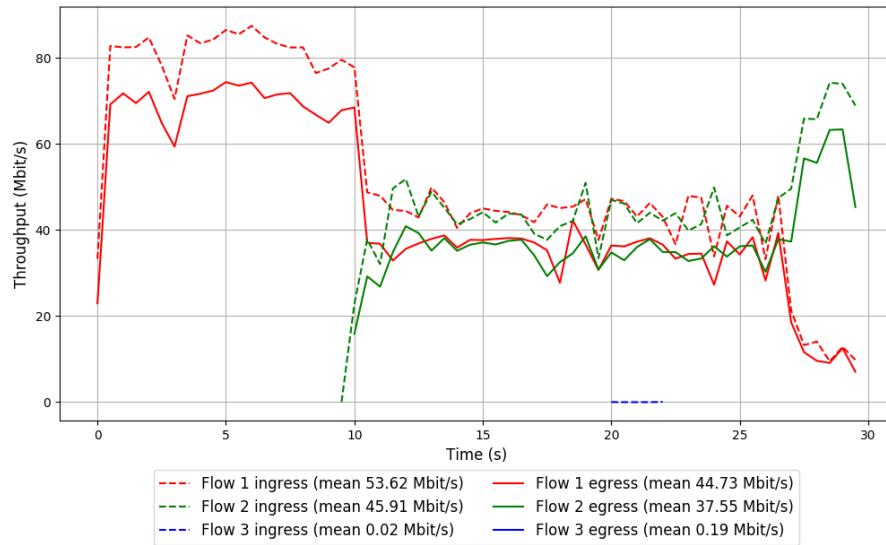


Run 10: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 02:10:45 +0000
End at: Mon, 10 Jul 2017 02:11:15 +0000
Local clock offset: 0.406 ms
Remote clock offset: -3.056 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 77.731 ms
Loss rate: 17.55%
-- Flow 1:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 77.131 ms
Loss rate: 16.90%
-- Flow 2:
Average throughput: 37.55 Mbit/s
95th percentile per-packet one-way delay: 78.578 ms
Loss rate: 18.68%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 74.285 ms
Loss rate: 51.91%
```

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

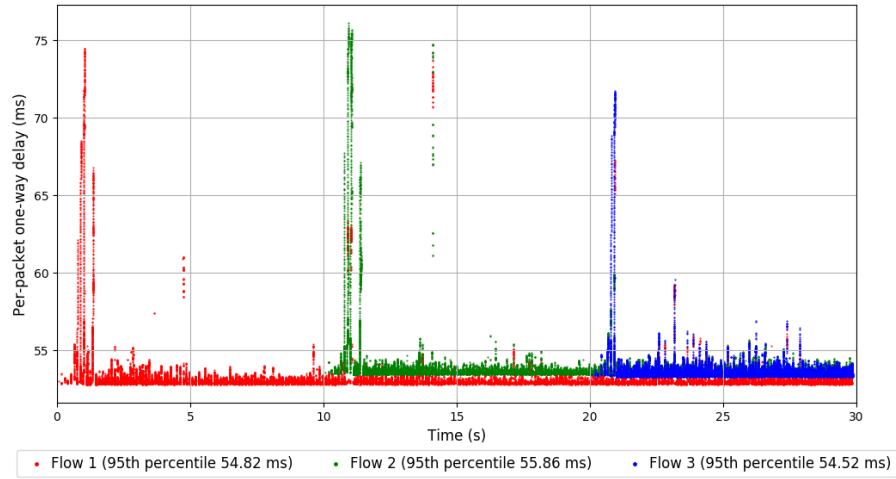
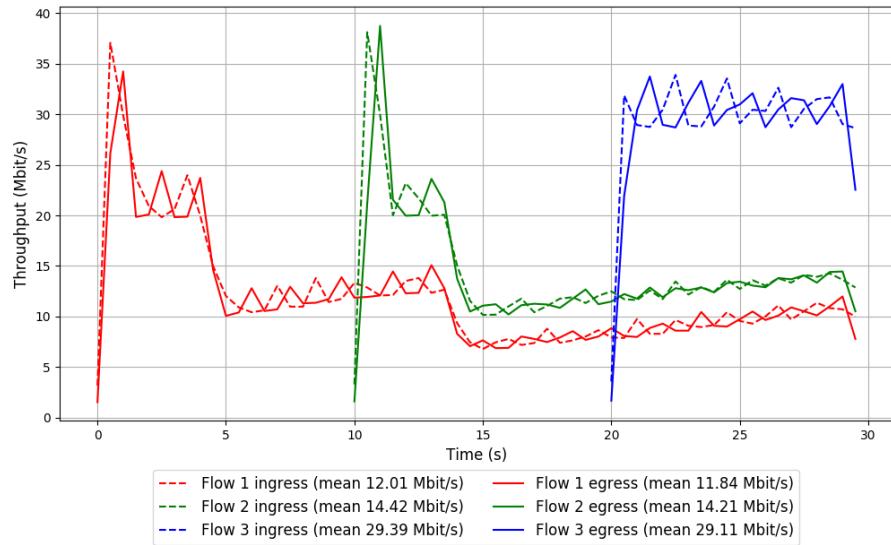


Run 1: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:16:35 +0000
End at: Sun, 09 Jul 2017 23:17:05 +0000
Local clock offset: 0.525 ms
Remote clock offset: -4.68 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 54.852 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 54.816 ms
Loss rate: 1.81%
-- Flow 2:
Average throughput: 14.21 Mbit/s
95th percentile per-packet one-way delay: 55.858 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 29.11 Mbit/s
95th percentile per-packet one-way delay: 54.521 ms
Loss rate: 2.11%
```

Run 1: Report of TCP Vegas — Data Link

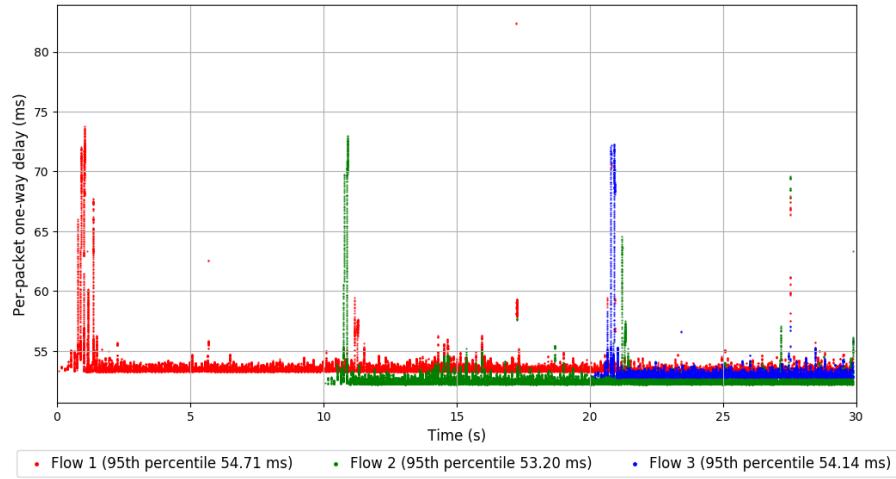
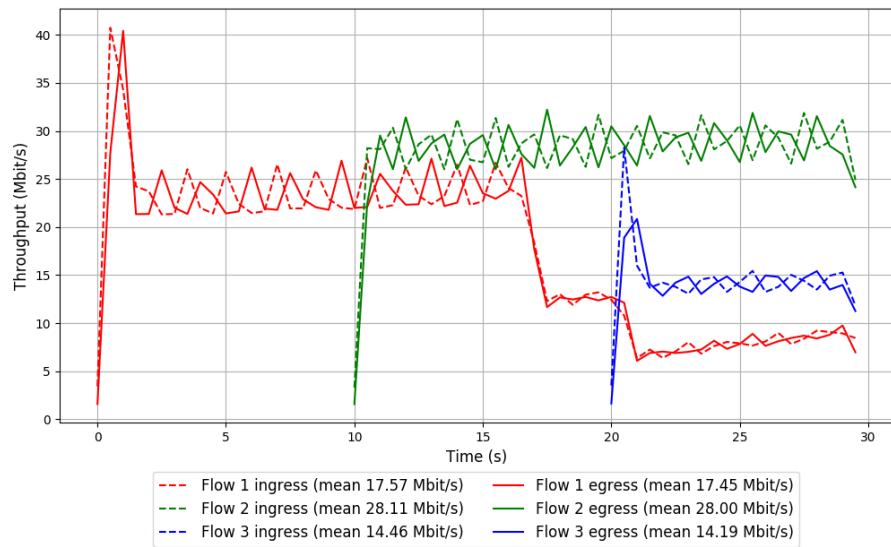


Run 2: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:35:21 +0000
End at: Sun, 09 Jul 2017 23:35:51 +0000
Local clock offset: 0.499 ms
Remote clock offset: -4.536 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.70 Mbit/s
95th percentile per-packet one-way delay: 54.146 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 17.45 Mbit/s
95th percentile per-packet one-way delay: 54.708 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 28.00 Mbit/s
95th percentile per-packet one-way delay: 53.198 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 14.19 Mbit/s
95th percentile per-packet one-way delay: 54.138 ms
Loss rate: 2.94%
```

Run 2: Report of TCP Vegas — Data Link

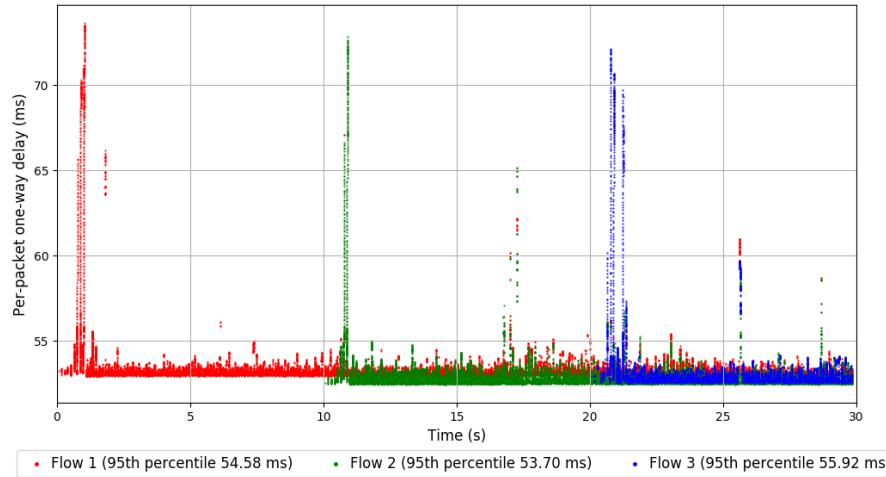
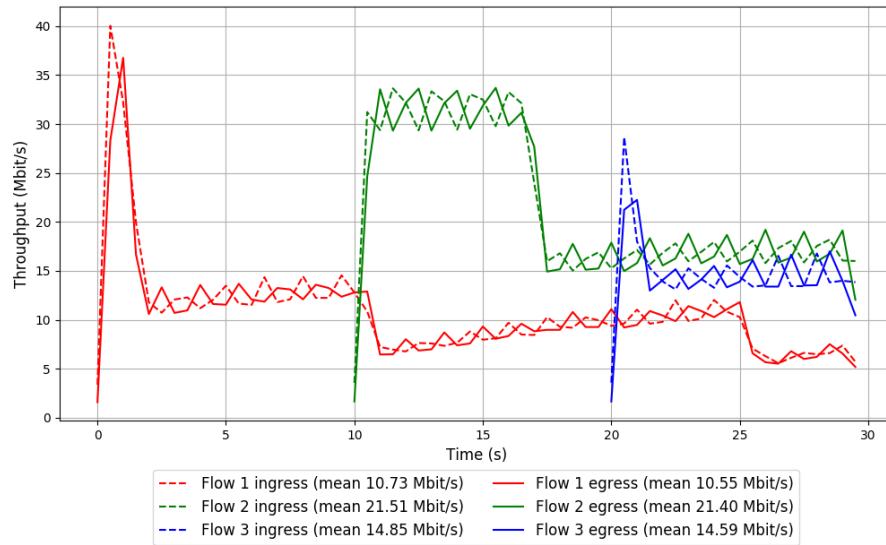


Run 3: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:53:43 +0000
End at: Sun, 09 Jul 2017 23:54:13 +0000
Local clock offset: 0.507 ms
Remote clock offset: -5.268 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.54 Mbit/s
95th percentile per-packet one-way delay: 54.229 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 54.581 ms
Loss rate: 2.00%
-- Flow 2:
Average throughput: 21.40 Mbit/s
95th percentile per-packet one-way delay: 53.705 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 55.917 ms
Loss rate: 2.92%
```

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

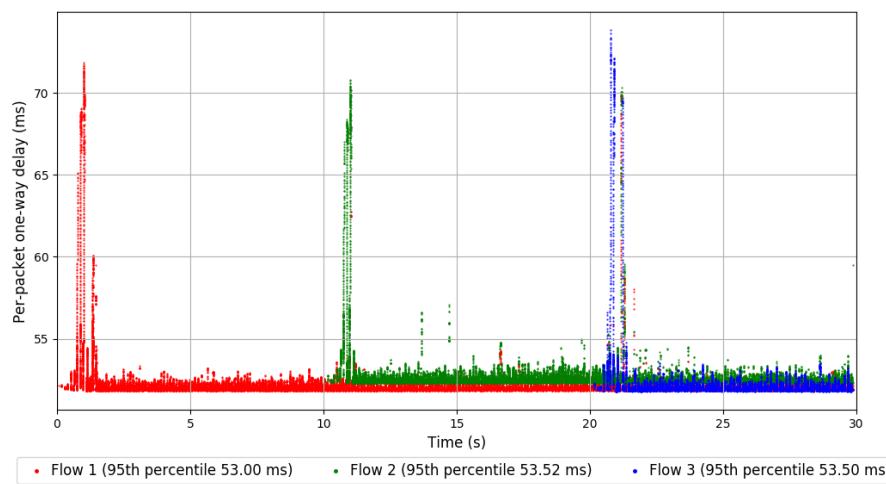
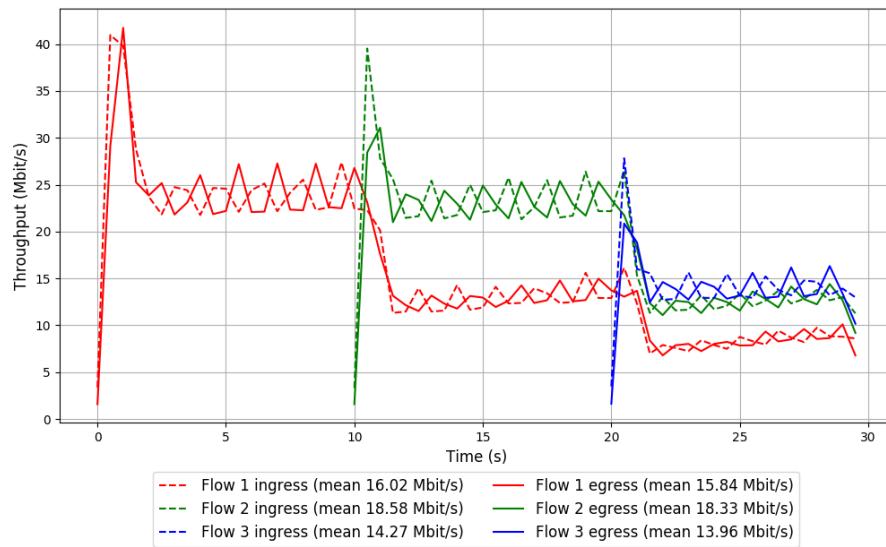


Run 4: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:12:19 +0000
End at: Mon, 10 Jul 2017 00:12:49 +0000
Local clock offset: 0.536 ms
Remote clock offset: -5.194 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 32.60 Mbit/s
95th percentile per-packet one-way delay: 53.340 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 53.004 ms
Loss rate: 1.48%
-- Flow 2:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 53.515 ms
Loss rate: 1.81%
-- Flow 3:
Average throughput: 13.96 Mbit/s
95th percentile per-packet one-way delay: 53.500 ms
Loss rate: 3.30%
```

Run 4: Report of TCP Vegas — Data Link

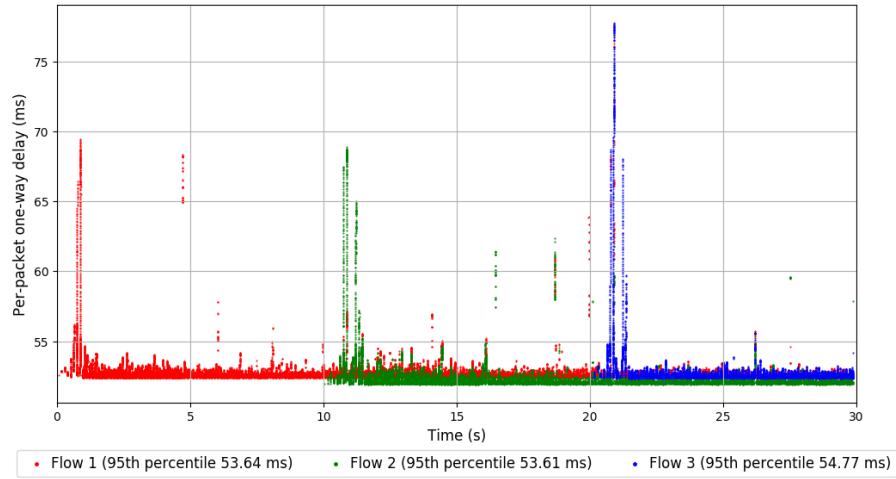
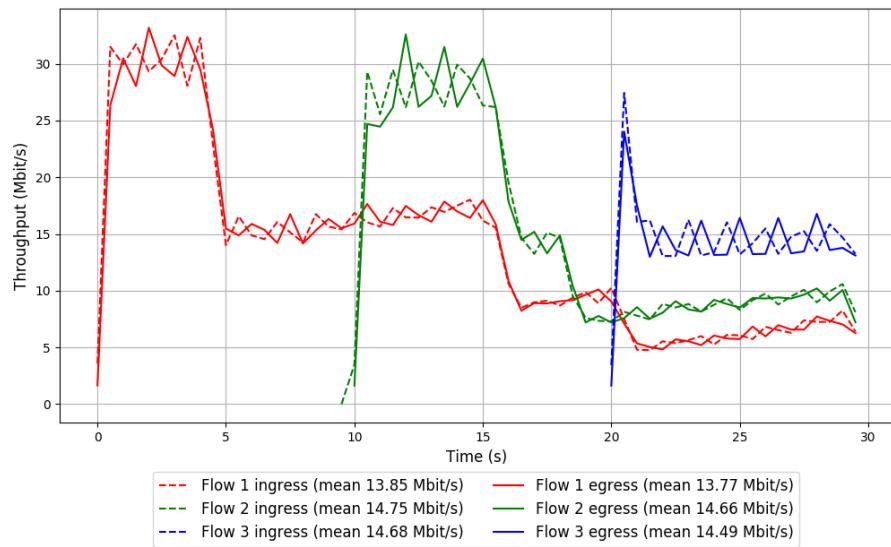


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:30:50 +0000
End at: Mon, 10 Jul 2017 00:31:20 +0000
Local clock offset: 0.538 ms
Remote clock offset: -5.043 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 28.27 Mbit/s
95th percentile per-packet one-way delay: 53.748 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 13.77 Mbit/s
95th percentile per-packet one-way delay: 53.636 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 14.66 Mbit/s
95th percentile per-packet one-way delay: 53.611 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 14.49 Mbit/s
95th percentile per-packet one-way delay: 54.767 ms
Loss rate: 2.45%
```

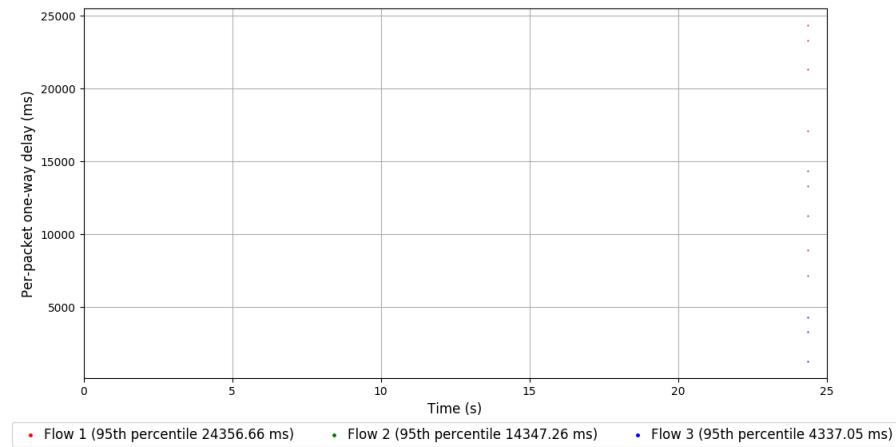
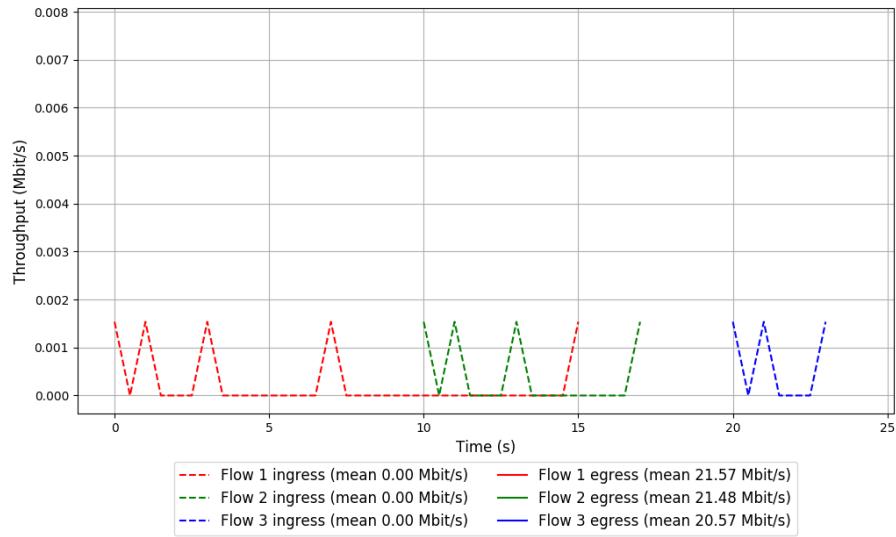
Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 00:49:27 +0000  
End at: Mon, 10 Jul 2017 00:49:57 +0000  
Local clock offset: 0.38 ms  
Remote clock offset: -4.556 ms

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

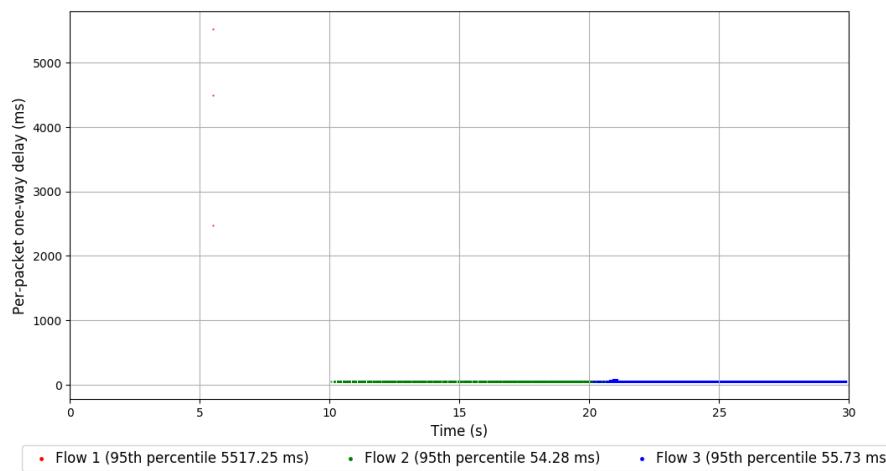
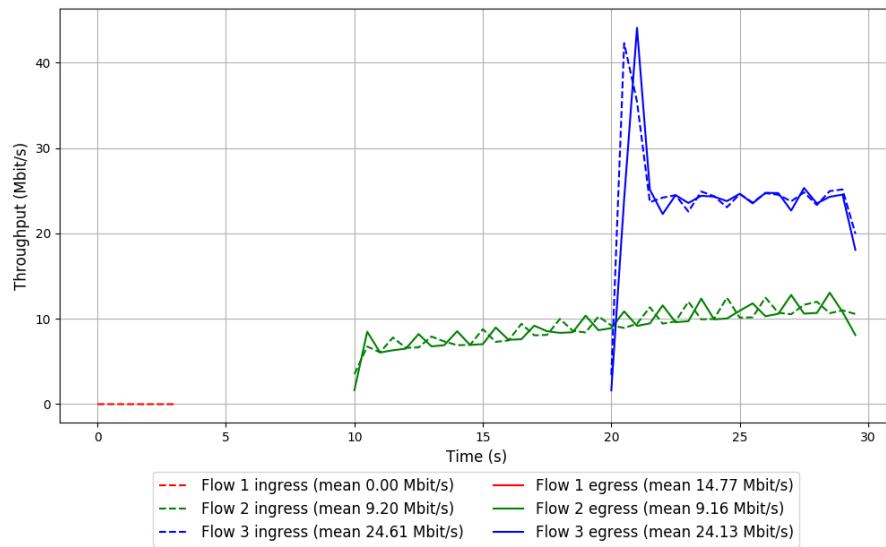


Run 7: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:08:04 +0000
End at: Mon, 10 Jul 2017 01:08:34 +0000
Local clock offset: 0.342 ms
Remote clock offset: -3.902 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.15 Mbit/s
95th percentile per-packet one-way delay: 54.898 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 14.77 Mbit/s
95th percentile per-packet one-way delay: 5517.247 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 54.281 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 55.730 ms
Loss rate: 2.88%
```

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

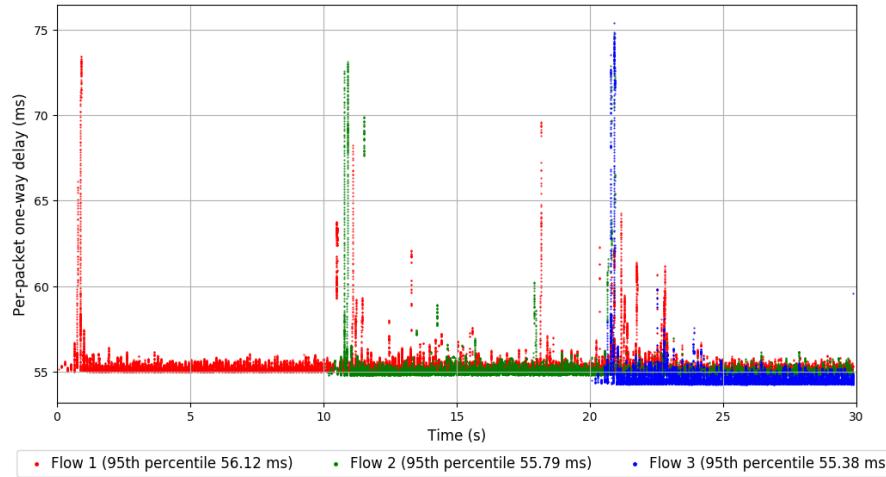
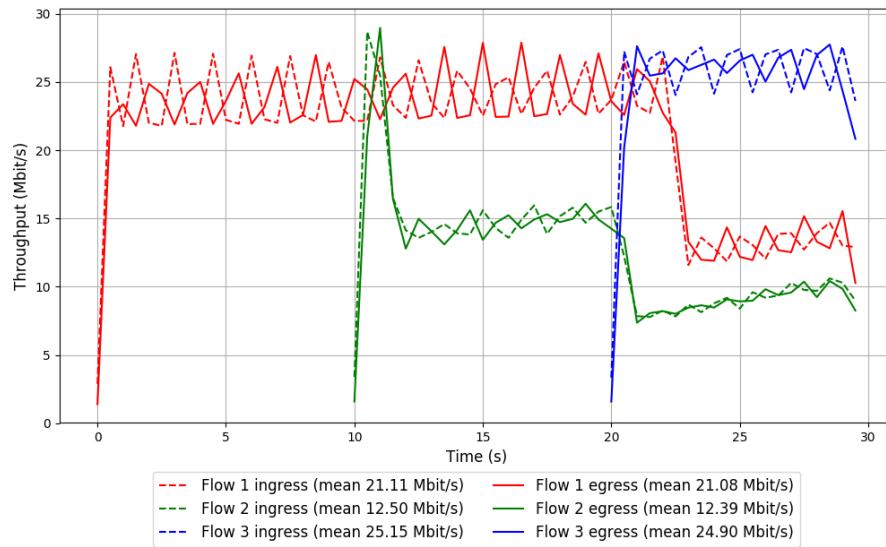


Run 8: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:26:28 +0000
End at: Mon, 10 Jul 2017 01:26:58 +0000
Local clock offset: 0.277 ms
Remote clock offset: -3.321 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 55.947 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 21.08 Mbit/s
95th percentile per-packet one-way delay: 56.115 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 55.794 ms
Loss rate: 1.61%
-- Flow 3:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 55.375 ms
Loss rate: 1.97%
```

Run 8: Report of TCP Vegas — Data Link

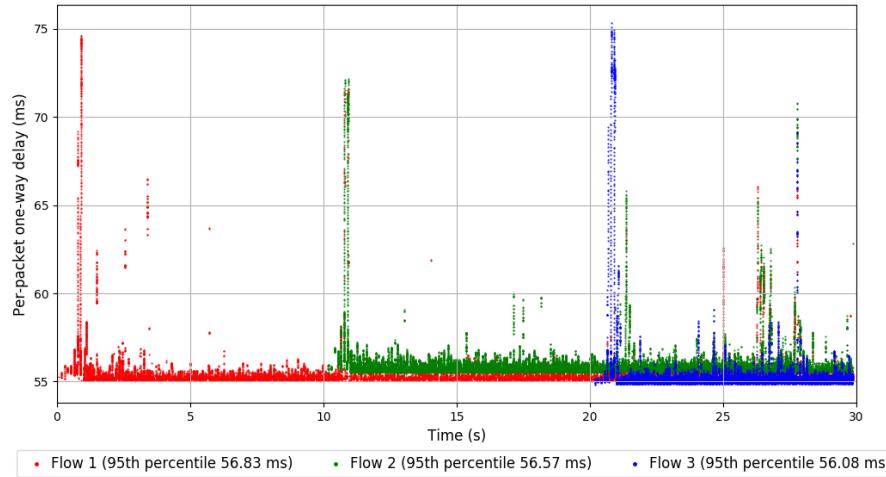
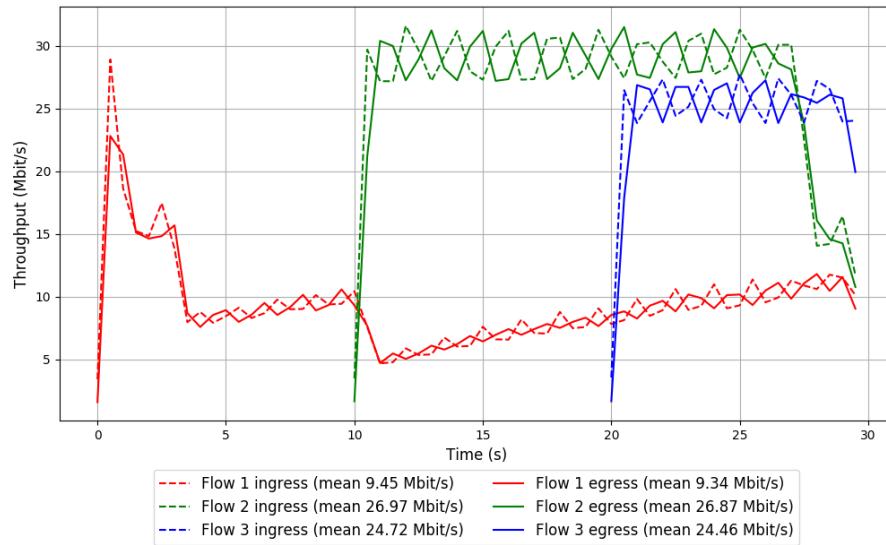


Run 9: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:45:07 +0000
End at: Mon, 10 Jul 2017 01:45:37 +0000
Local clock offset: 0.284 ms
Remote clock offset: -2.892 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 35.21 Mbit/s
95th percentile per-packet one-way delay: 56.560 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 56.833 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 56.569 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 56.075 ms
Loss rate: 2.20%
```

Run 9: Report of TCP Vegas — Data Link

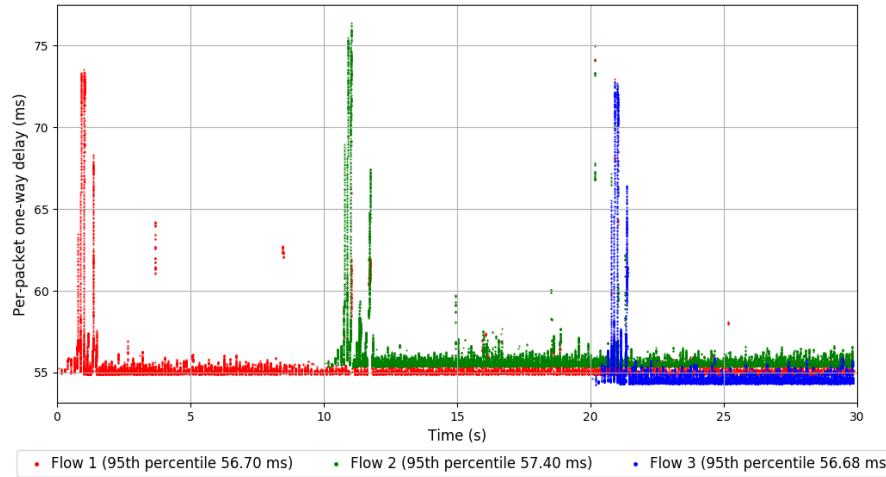
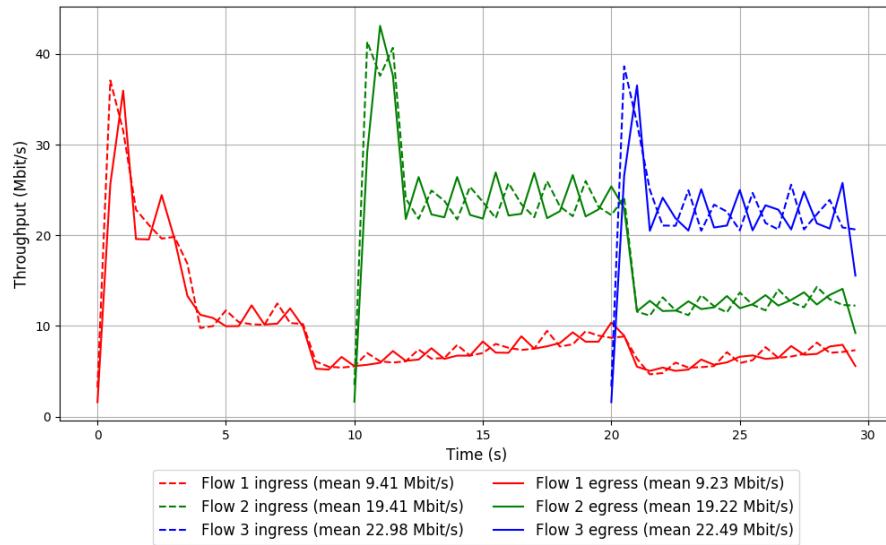


Run 10: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 02:03:27 +0000
End at: Mon, 10 Jul 2017 02:03:57 +0000
Local clock offset: 0.402 ms
Remote clock offset: -2.428 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 57.026 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 56.705 ms
Loss rate: 2.29%
-- Flow 2:
Average throughput: 19.22 Mbit/s
95th percentile per-packet one-way delay: 57.401 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 22.49 Mbit/s
95th percentile per-packet one-way delay: 56.680 ms
Loss rate: 3.27%
```

Run 10: Report of TCP Vegas — Data Link

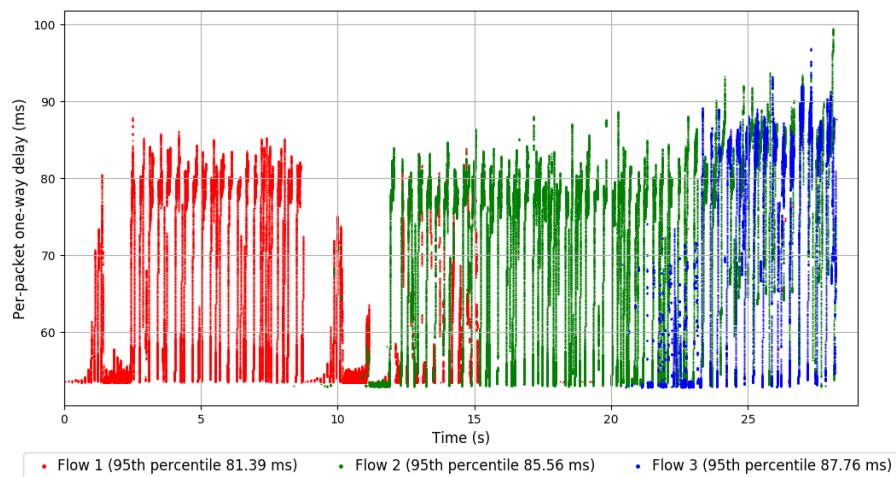
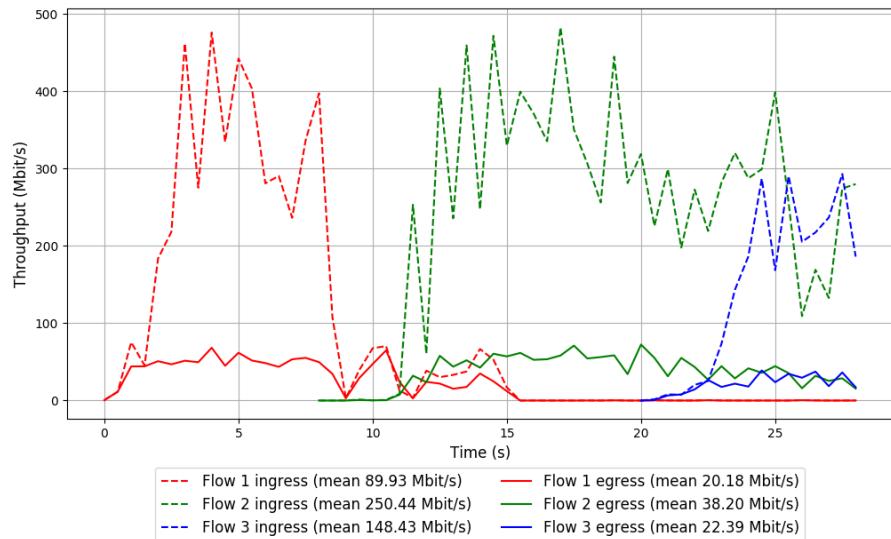


Run 1: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:22:34 +0000
End at: Sun, 09 Jul 2017 23:23:04 +0000
Local clock offset: 0.508 ms
Remote clock offset: -4.63 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.20 Mbit/s
95th percentile per-packet one-way delay: 85.170 ms
Loss rate: 82.83%
-- Flow 1:
Average throughput: 20.18 Mbit/s
95th percentile per-packet one-way delay: 81.391 ms
Loss rate: 77.55%
-- Flow 2:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 85.564 ms
Loss rate: 84.95%
-- Flow 3:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 87.762 ms
Loss rate: 85.12%
```

Run 1: Report of Verus — Data Link

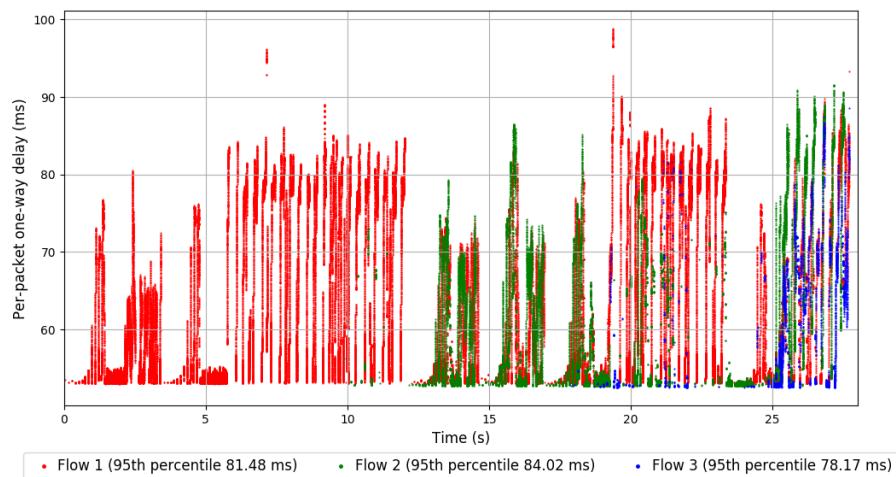
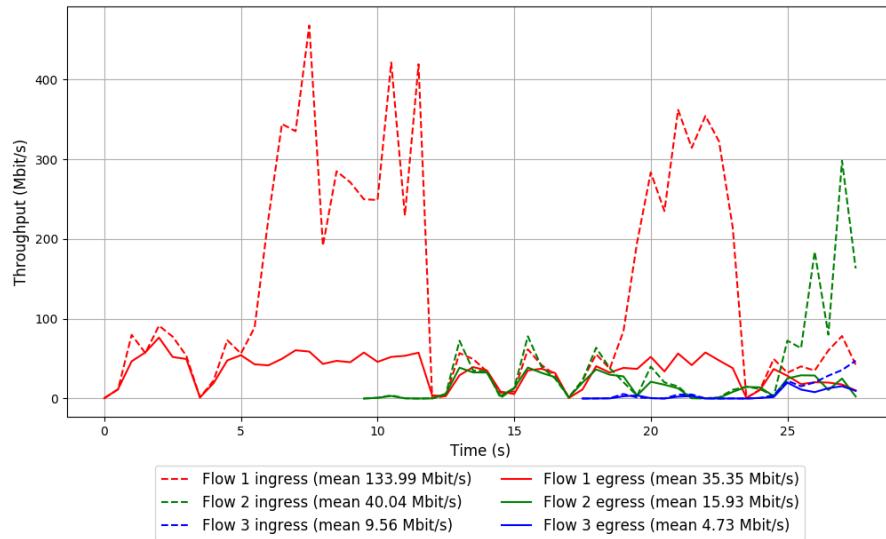


Run 2: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:41:17 +0000
End at: Sun, 09 Jul 2017 23:41:47 +0000
Local clock offset: 0.521 ms
Remote clock offset: -4.913 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.19 Mbit/s
95th percentile per-packet one-way delay: 81.841 ms
Loss rate: 71.18%
-- Flow 1:
Average throughput: 35.35 Mbit/s
95th percentile per-packet one-way delay: 81.482 ms
Loss rate: 73.66%
-- Flow 2:
Average throughput: 15.93 Mbit/s
95th percentile per-packet one-way delay: 84.023 ms
Loss rate: 60.94%
-- Flow 3:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 78.173 ms
Loss rate: 51.94%
```

Run 2: Report of Verus — Data Link

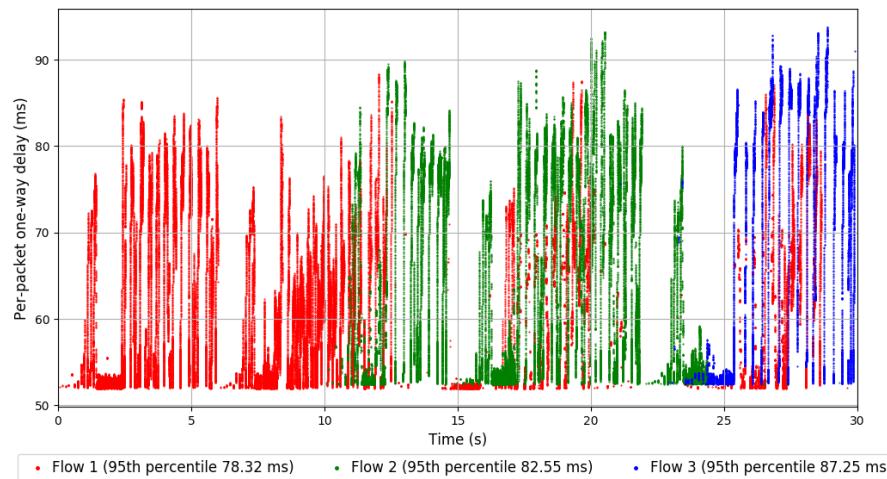
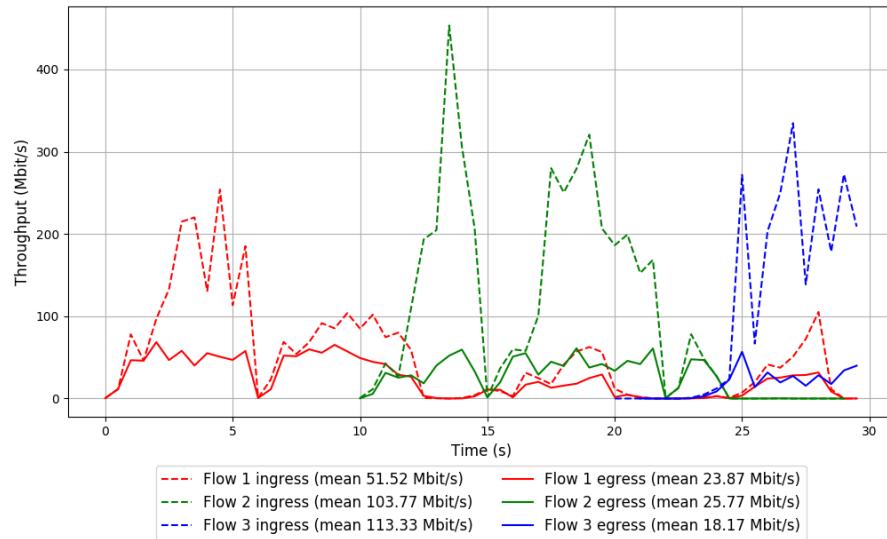


Run 3: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:59:40 +0000
End at: Mon, 10 Jul 2017 00:00:10 +0000
Local clock offset: 0.525 ms
Remote clock offset: -5.187 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.74 Mbit/s
95th percentile per-packet one-way delay: 82.774 ms
Loss rate: 70.69%
-- Flow 1:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 78.324 ms
Loss rate: 53.85%
-- Flow 2:
Average throughput: 25.77 Mbit/s
95th percentile per-packet one-way delay: 82.547 ms
Loss rate: 75.32%
-- Flow 3:
Average throughput: 18.17 Mbit/s
95th percentile per-packet one-way delay: 87.250 ms
Loss rate: 85.59%
```

Run 3: Report of Verus — Data Link

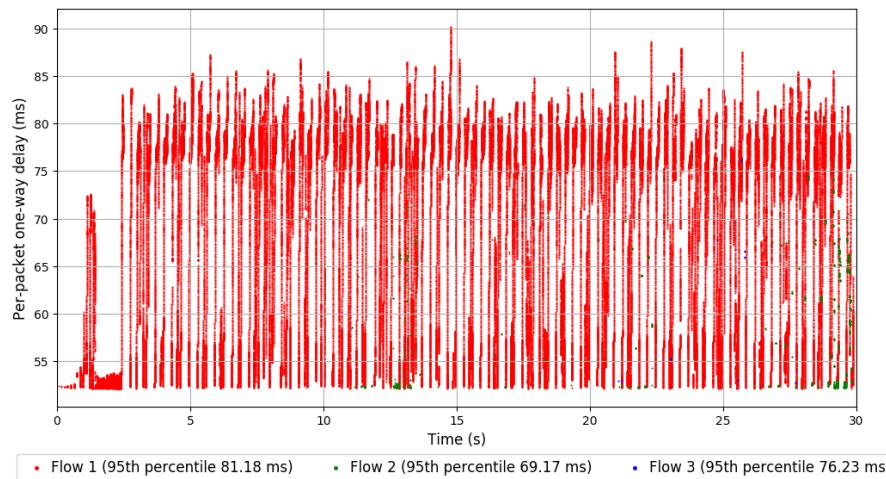
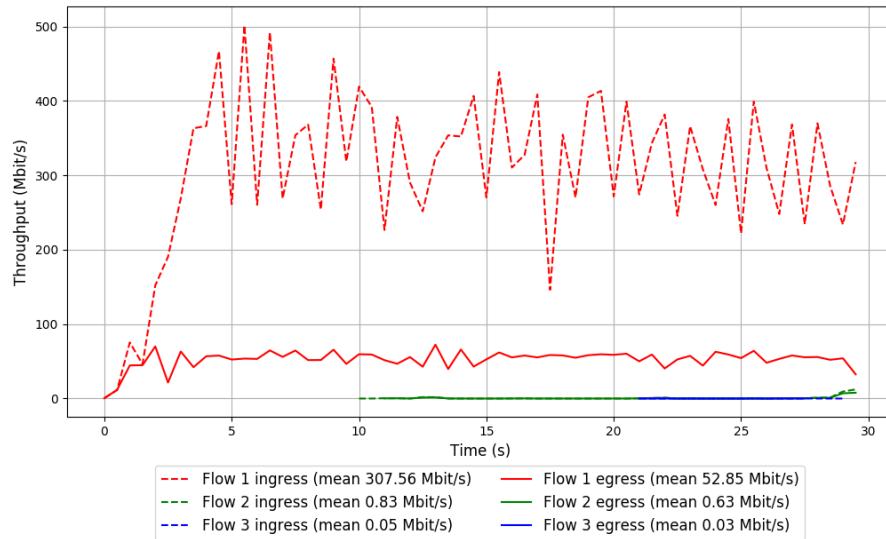


Run 4: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:18:15 +0000
End at: Mon, 10 Jul 2017 00:18:45 +0000
Local clock offset: 0.473 ms
Remote clock offset: -5.312 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.25 Mbit/s
95th percentile per-packet one-way delay: 81.169 ms
Loss rate: 82.79%
-- Flow 1:
Average throughput: 52.85 Mbit/s
95th percentile per-packet one-way delay: 81.180 ms
Loss rate: 82.89%
-- Flow 2:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 69.166 ms
Loss rate: 28.50%
-- Flow 3:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 76.235 ms
Loss rate: 55.26%
```

## Run 4: Report of Verus — Data Link

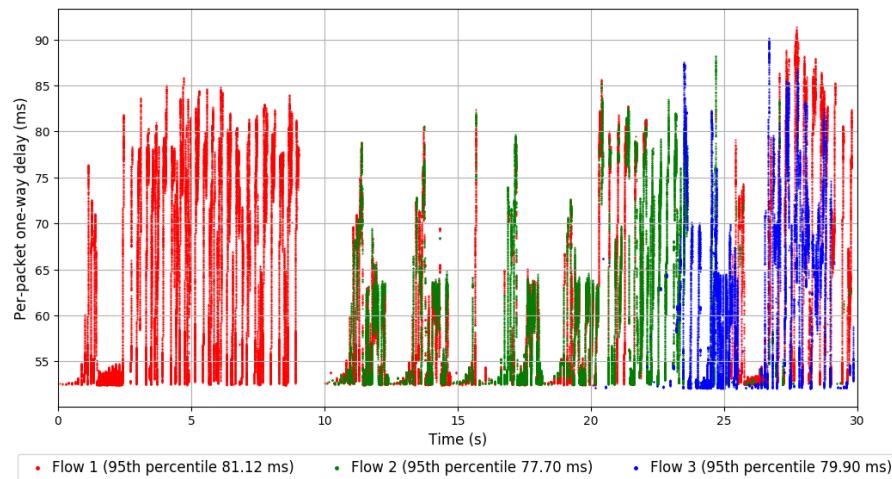
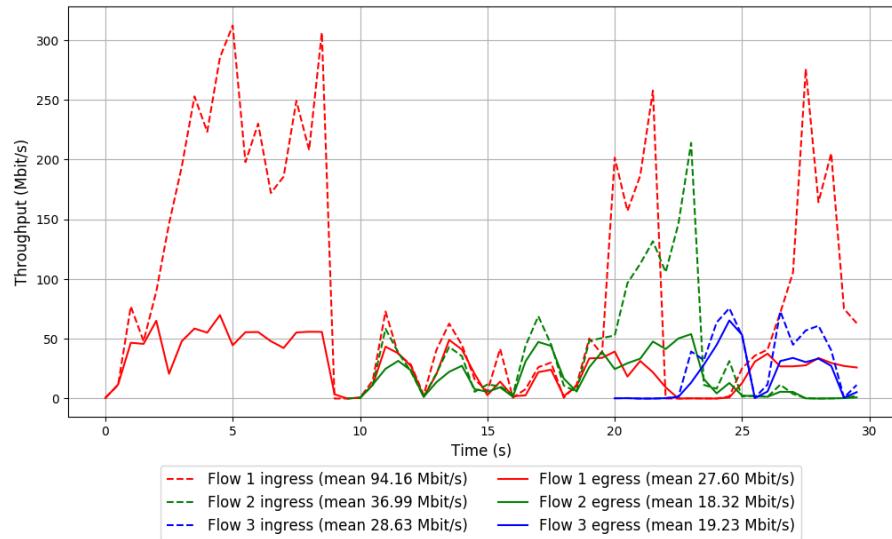


Run 5: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:36:46 +0000
End at: Mon, 10 Jul 2017 00:37:16 +0000
Local clock offset: 0.479 ms
Remote clock offset: -5.18 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.03 Mbit/s
95th percentile per-packet one-way delay: 80.298 ms
Loss rate: 64.07%
-- Flow 1:
Average throughput: 27.60 Mbit/s
95th percentile per-packet one-way delay: 81.118 ms
Loss rate: 70.66%
-- Flow 2:
Average throughput: 18.32 Mbit/s
95th percentile per-packet one-way delay: 77.702 ms
Loss rate: 50.76%
-- Flow 3:
Average throughput: 19.23 Mbit/s
95th percentile per-packet one-way delay: 79.902 ms
Loss rate: 33.61%
```

Run 5: Report of Verus — Data Link

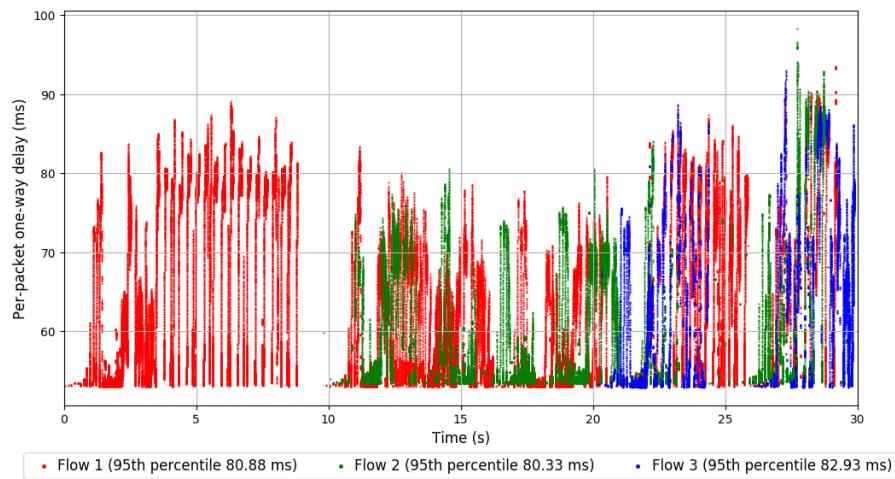
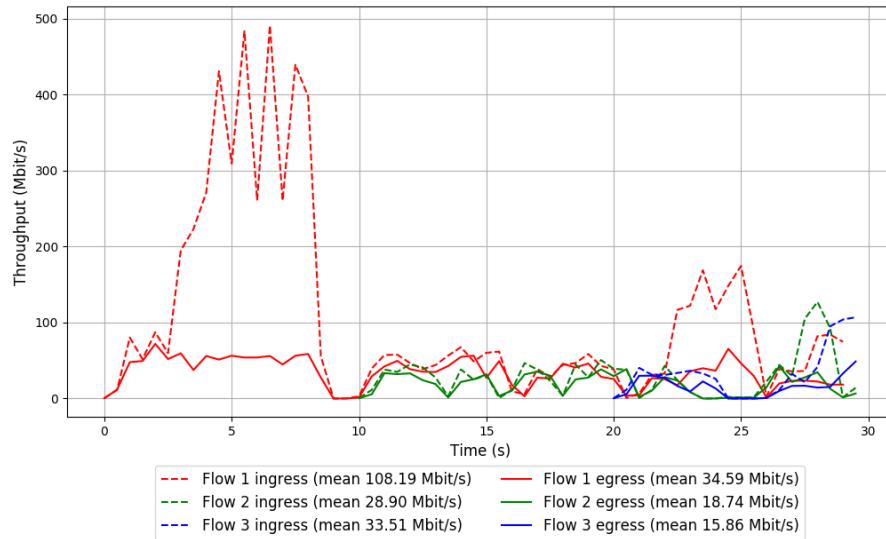


Run 6: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:55:23 +0000
End at: Mon, 10 Jul 2017 00:55:53 +0000
Local clock offset: 0.462 ms
Remote clock offset: -4.503 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.64 Mbit/s
95th percentile per-packet one-way delay: 80.977 ms
Loss rate: 62.33%
-- Flow 1:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 80.878 ms
Loss rate: 68.15%
-- Flow 2:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 80.332 ms
Loss rate: 35.54%
-- Flow 3:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 82.928 ms
Loss rate: 52.75%
```

## Run 6: Report of Verus — Data Link

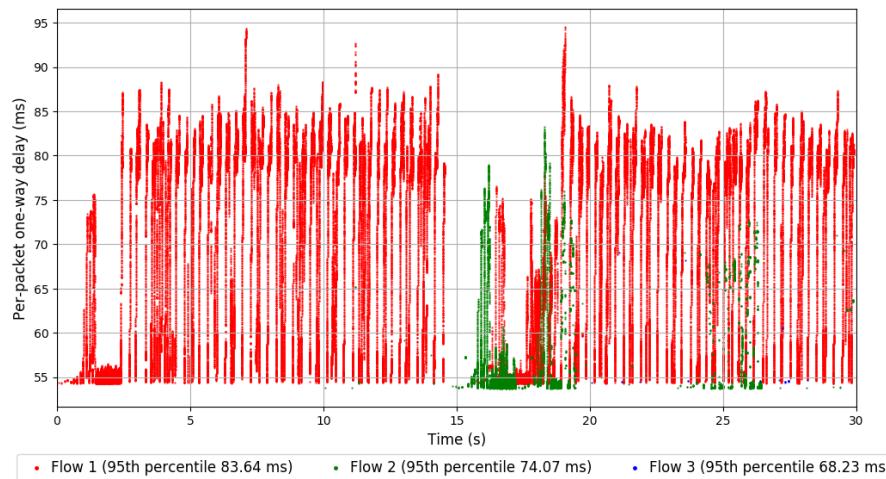
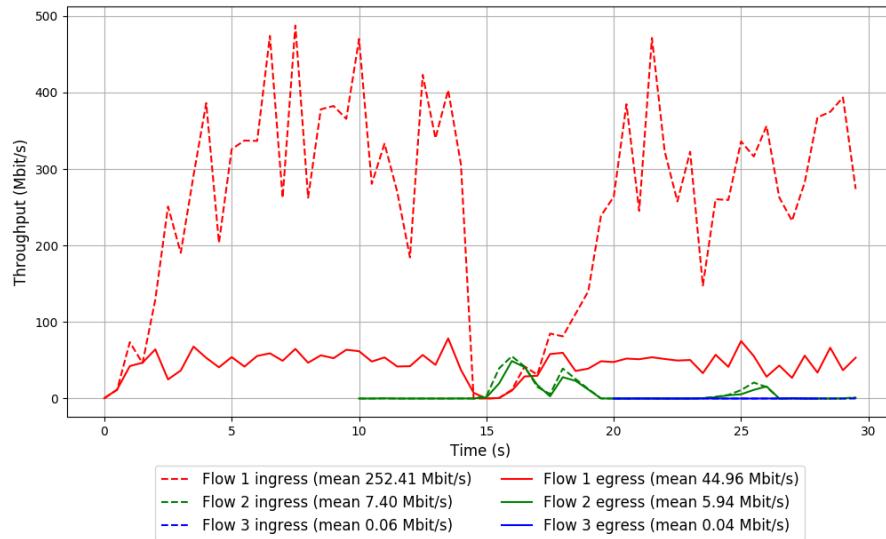


Run 7: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:13:59 +0000
End at: Mon, 10 Jul 2017 01:14:29 +0000
Local clock offset: 0.42 ms
Remote clock offset: -3.763 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.92 Mbit/s
95th percentile per-packet one-way delay: 83.460 ms
Loss rate: 81.02%
-- Flow 1:
Average throughput: 44.96 Mbit/s
95th percentile per-packet one-way delay: 83.642 ms
Loss rate: 82.21%
-- Flow 2:
Average throughput: 5.94 Mbit/s
95th percentile per-packet one-way delay: 74.066 ms
Loss rate: 20.25%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 68.227 ms
Loss rate: 45.65%
```

Run 7: Report of Verus — Data Link

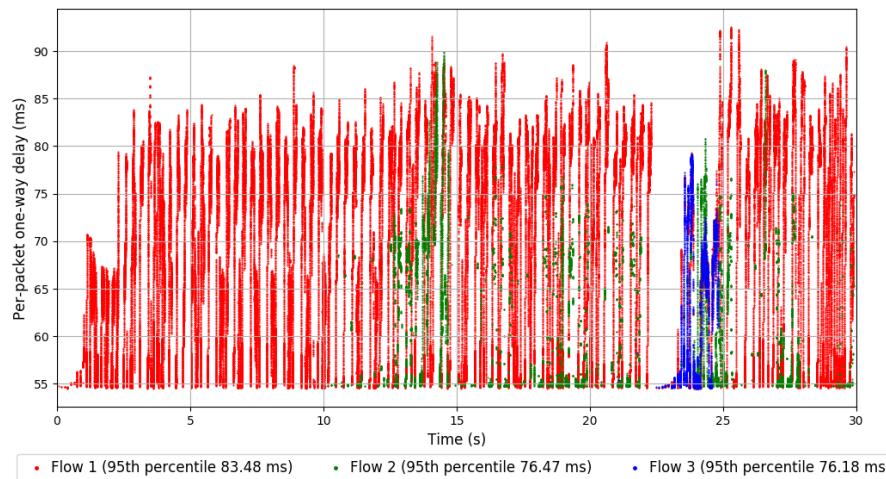
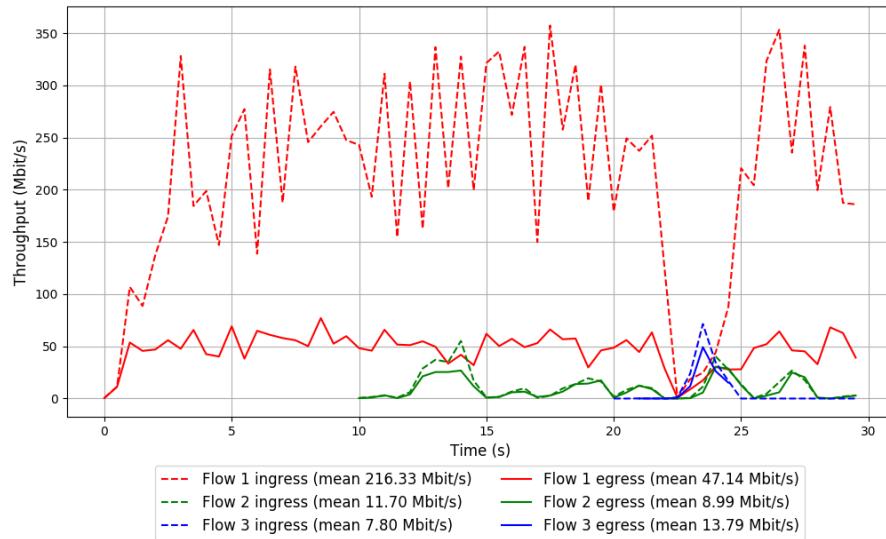


Run 8: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:32:24 +0000
End at: Mon, 10 Jul 2017 01:32:54 +0000
Local clock offset: 0.333 ms
Remote clock offset: -3.235 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.84 Mbit/s
95th percentile per-packet one-way delay: 83.176 ms
Loss rate: 75.80%
-- Flow 1:
Average throughput: 47.14 Mbit/s
95th percentile per-packet one-way delay: 83.478 ms
Loss rate: 78.21%
-- Flow 2:
Average throughput: 8.99 Mbit/s
95th percentile per-packet one-way delay: 76.474 ms
Loss rate: 23.30%
-- Flow 3:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 76.177 ms
Loss rate: 30.36%
```

Run 8: Report of Verus — Data Link

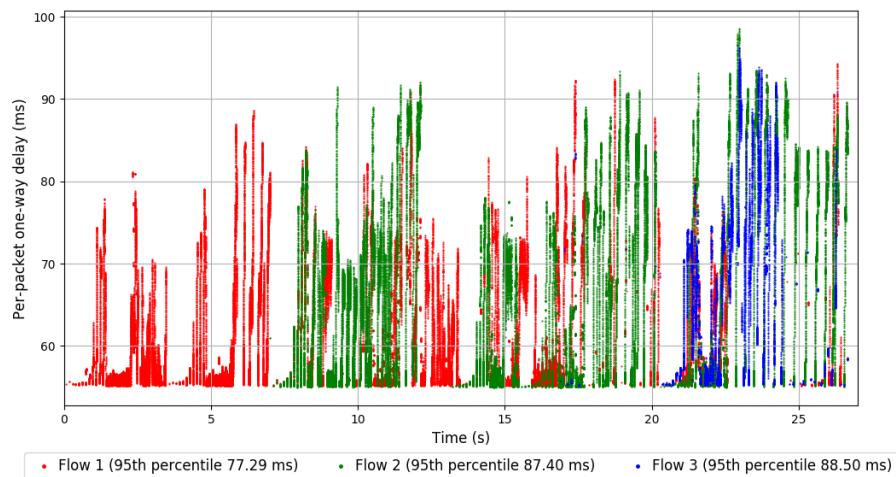
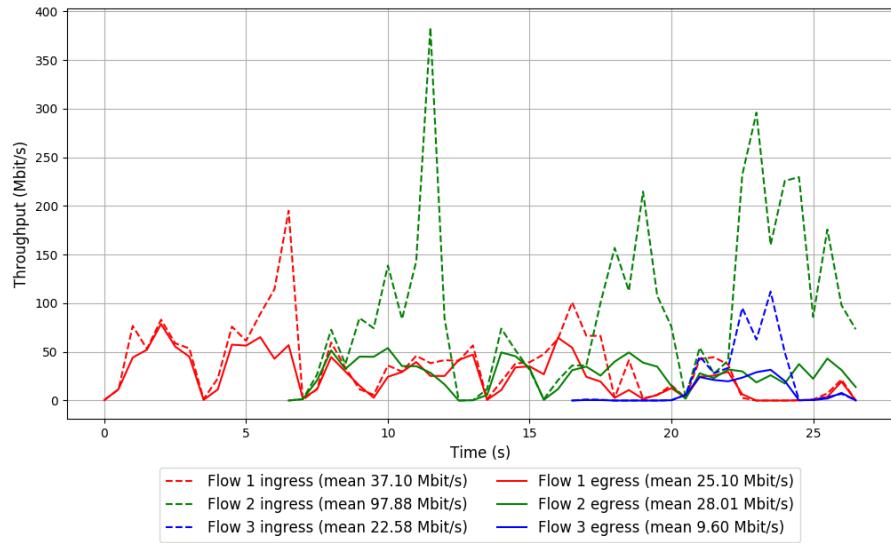


Run 9: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:51:03 +0000
End at: Mon, 10 Jul 2017 01:51:33 +0000
Local clock offset: 0.378 ms
Remote clock offset: -2.487 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.44 Mbit/s
95th percentile per-packet one-way delay: 85.168 ms
Loss rate: 58.21%
-- Flow 1:
Average throughput: 25.10 Mbit/s
95th percentile per-packet one-way delay: 77.294 ms
Loss rate: 32.65%
-- Flow 2:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 87.398 ms
Loss rate: 71.34%
-- Flow 3:
Average throughput: 9.60 Mbit/s
95th percentile per-packet one-way delay: 88.500 ms
Loss rate: 57.99%
```

## Run 9: Report of Verus — Data Link

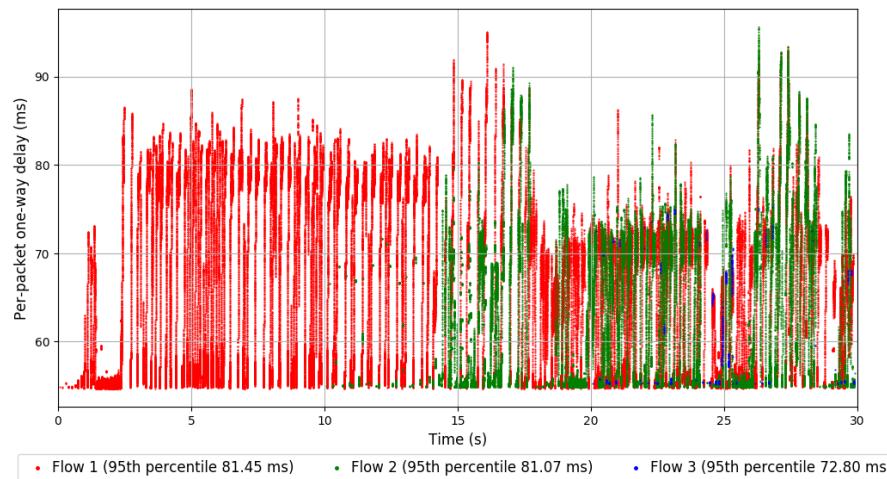
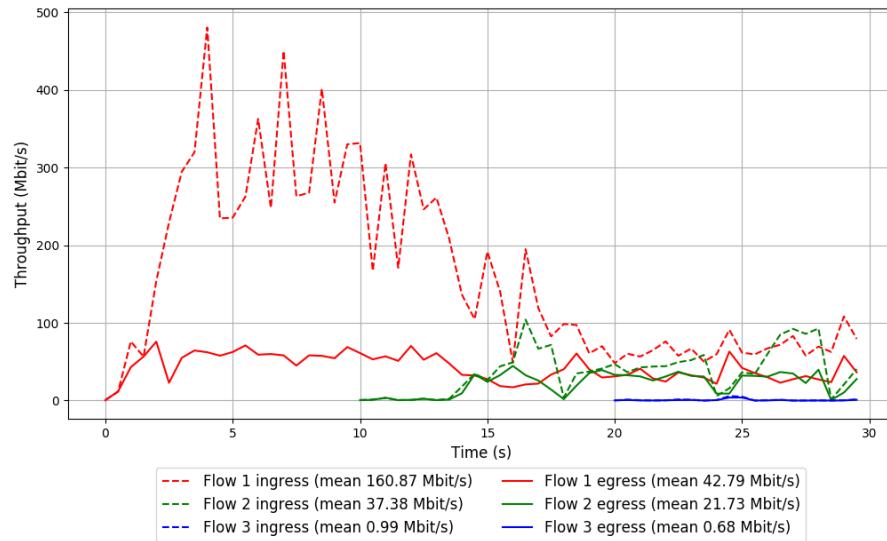


Run 10: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 02:09:25 +0000
End at: Mon, 10 Jul 2017 02:09:55 +0000
Local clock offset: 0.406 ms
Remote clock offset: -2.555 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.35 Mbit/s
95th percentile per-packet one-way delay: 81.416 ms
Loss rate: 69.29%
-- Flow 1:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 81.454 ms
Loss rate: 73.56%
-- Flow 2:
Average throughput: 21.73 Mbit/s
95th percentile per-packet one-way delay: 81.067 ms
Loss rate: 42.11%
-- Flow 3:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 72.801 ms
Loss rate: 32.00%
```

Run 10: Report of Verus — Data Link

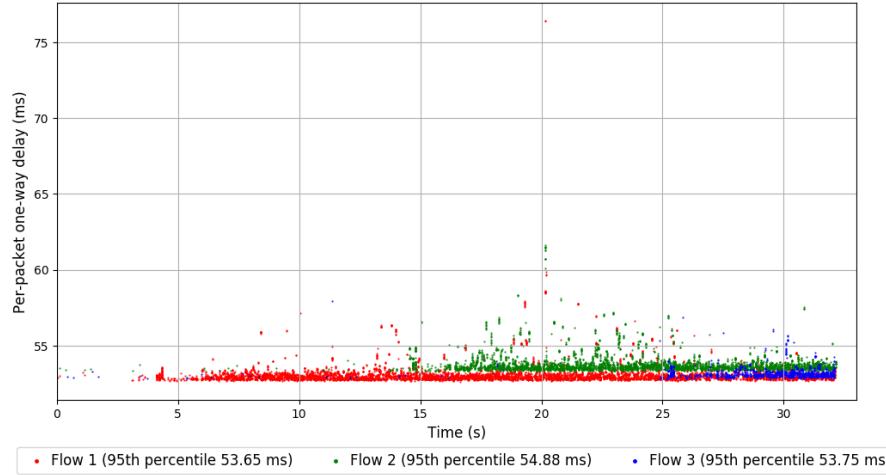
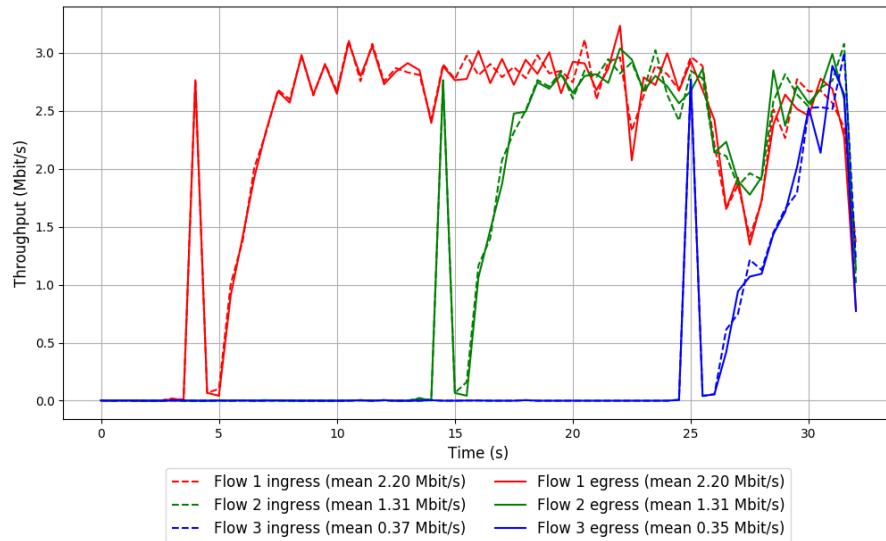


```
Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:26:50 +0000
End at: Sun, 09 Jul 2017 23:27:20 +0000
Local clock offset: 0.521 ms
Remote clock offset: -4.695 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 54.316 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 53.649 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 54.878 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 53.748 ms
Loss rate: 3.48%
```

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

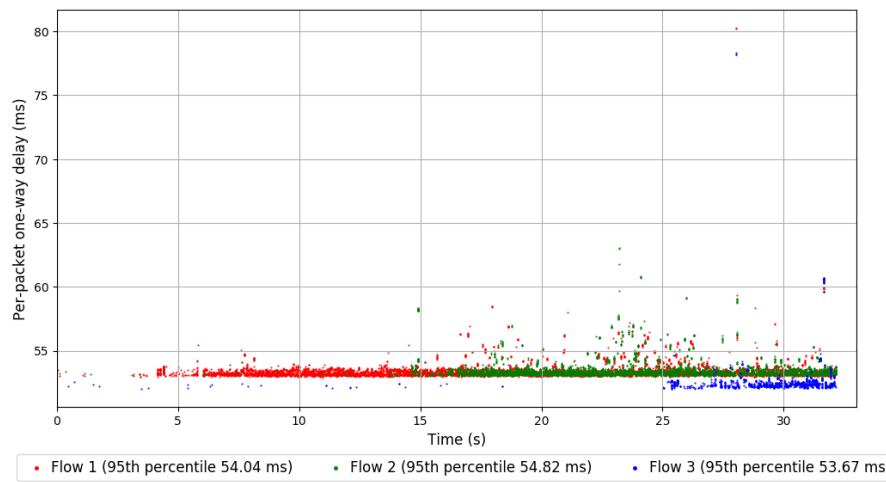
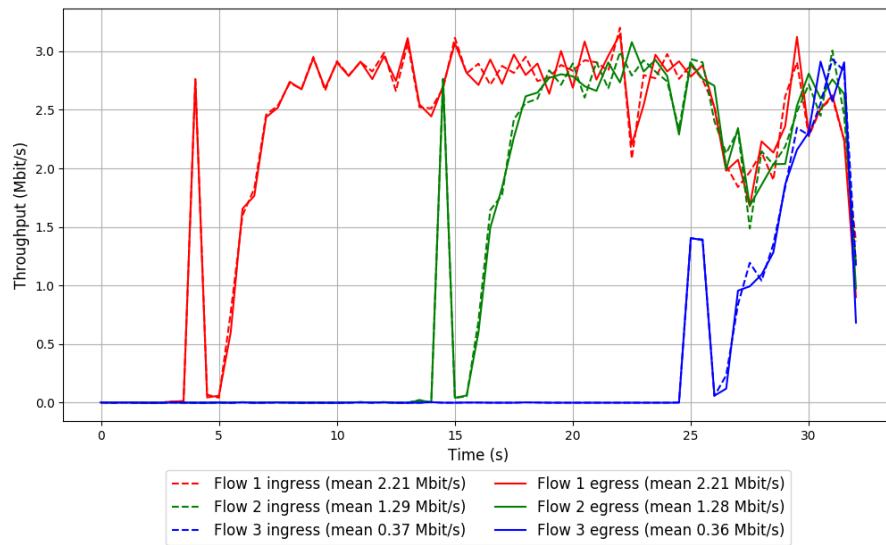


```
Run 2: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:45:12 +0000
End at: Sun, 09 Jul 2017 23:45:42 +0000
Local clock offset: 0.489 ms
Remote clock offset: -4.927 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 54.311 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 54.036 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 54.823 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 53.669 ms
Loss rate: 3.28%
```

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

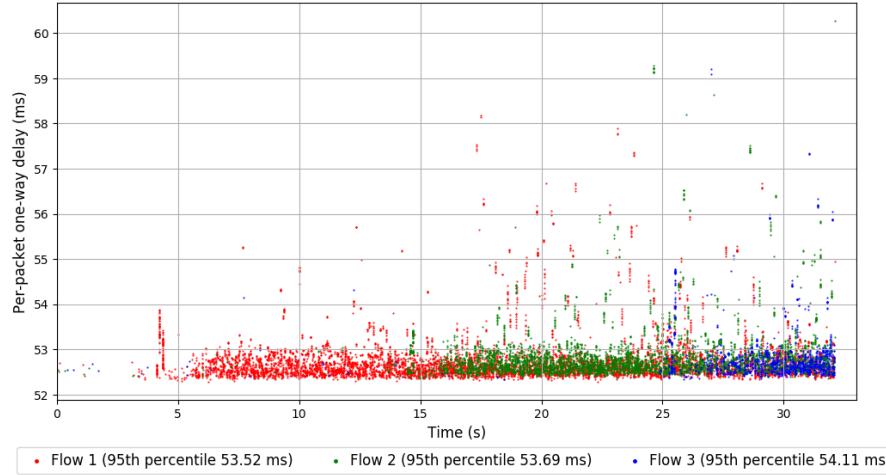
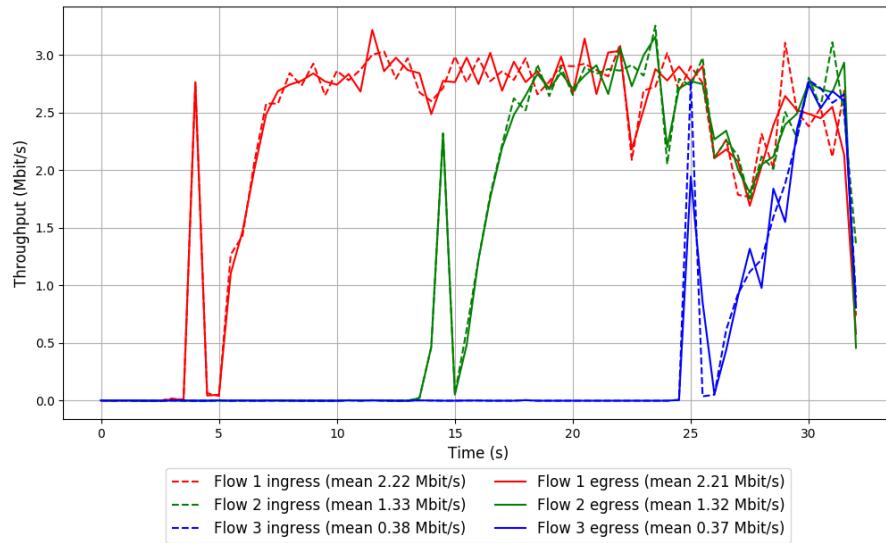


Run 3: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:03:37 +0000
End at: Mon, 10 Jul 2017 00:04:07 +0000
Local clock offset: 0.53 ms
Remote clock offset: -5.234 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 53.658 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 53.517 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 53.693 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 54.107 ms
Loss rate: 2.07%
```

Run 3: Report of WebRTC media — Data Link

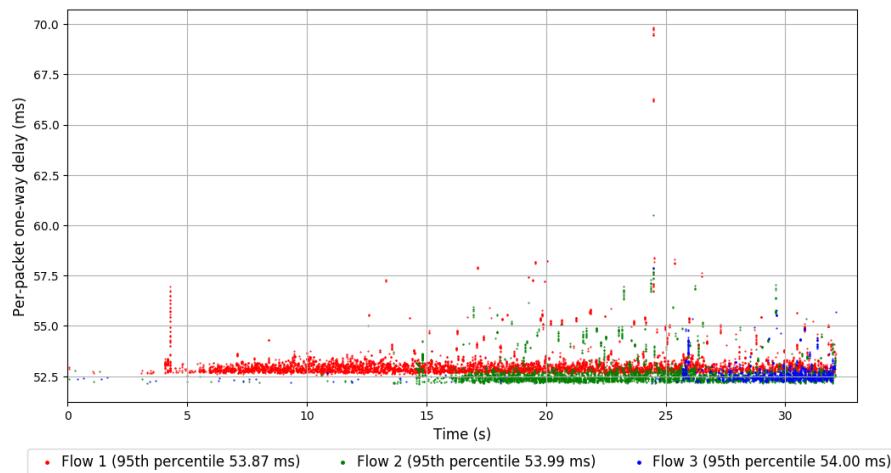
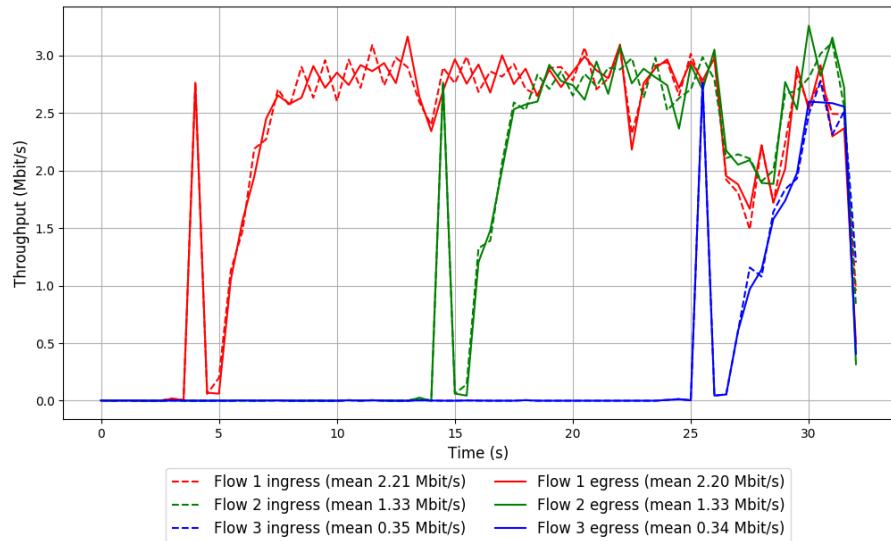


Run 4: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:22:16 +0000
End at: Mon, 10 Jul 2017 00:22:46 +0000
Local clock offset: 0.551 ms
Remote clock offset: -4.984 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 53.948 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 53.870 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 53.991 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 54.002 ms
Loss rate: 3.53%
```

Run 4: Report of WebRTC media — Data Link

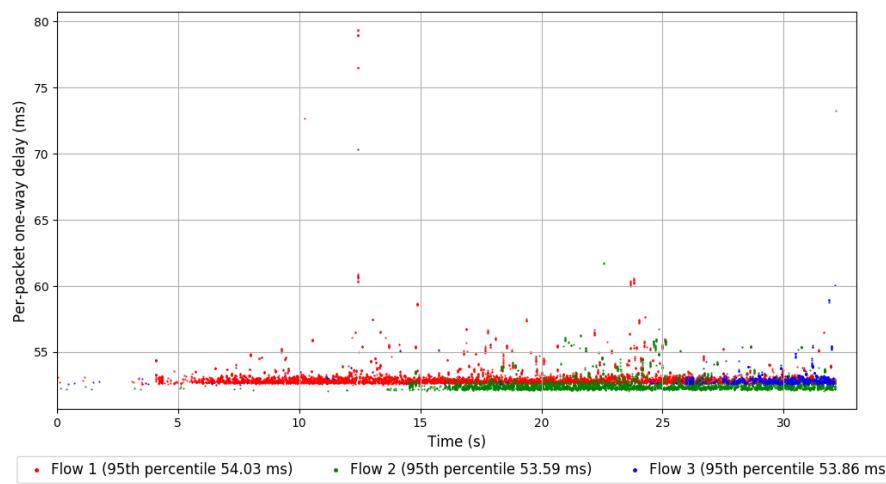
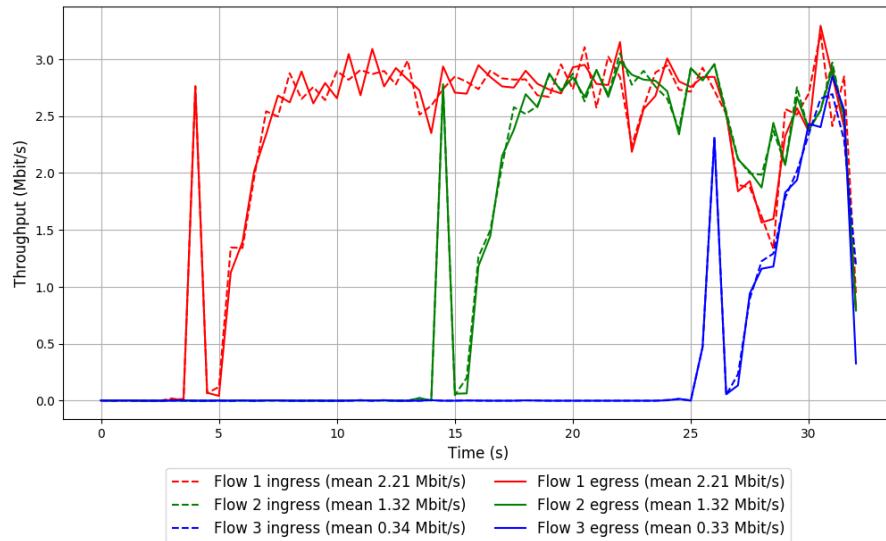


Run 5: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:40:58 +0000
End at: Mon, 10 Jul 2017 00:41:28 +0000
Local clock offset: 0.438 ms
Remote clock offset: -4.642 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 53.851 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 54.029 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 53.591 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 53.862 ms
Loss rate: 4.02%
```

Run 5: Report of WebRTC media — Data Link

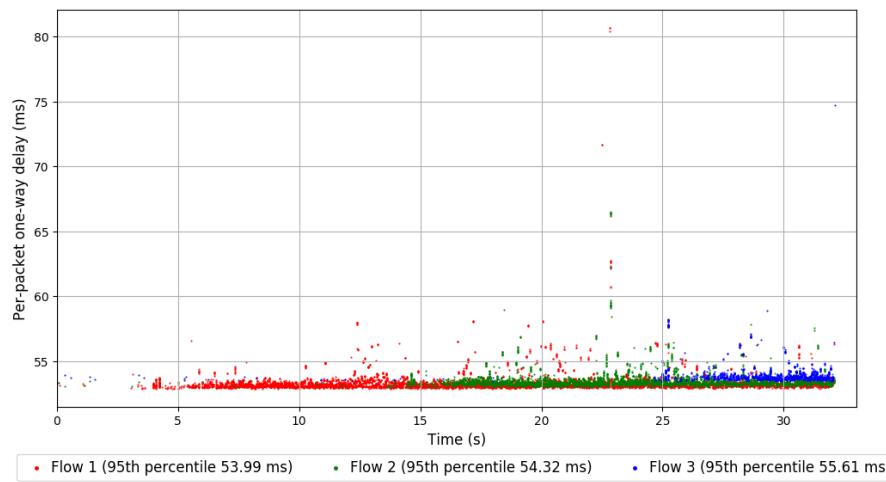
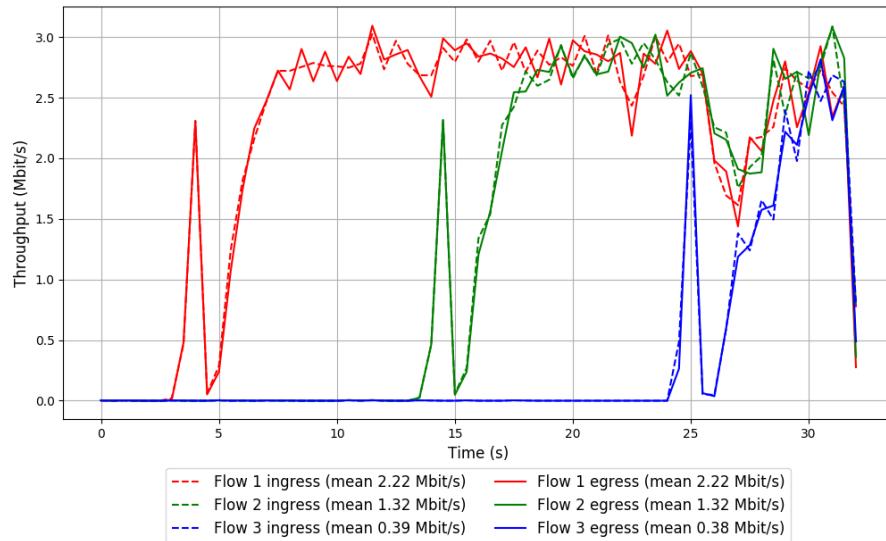


Run 6: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:59:18 +0000
End at: Mon, 10 Jul 2017 00:59:48 +0000
Local clock offset: 0.453 ms
Remote clock offset: -4.689 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 54.327 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 53.992 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 54.316 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 55.609 ms
Loss rate: 2.91%
```

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

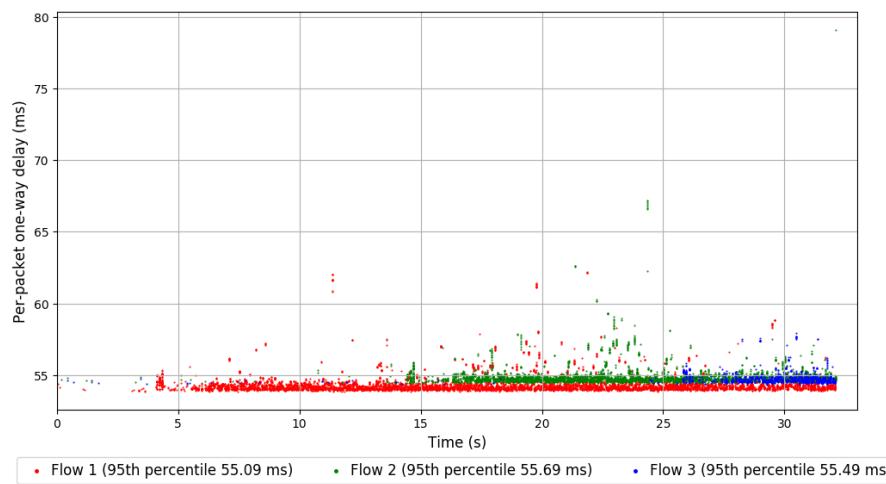
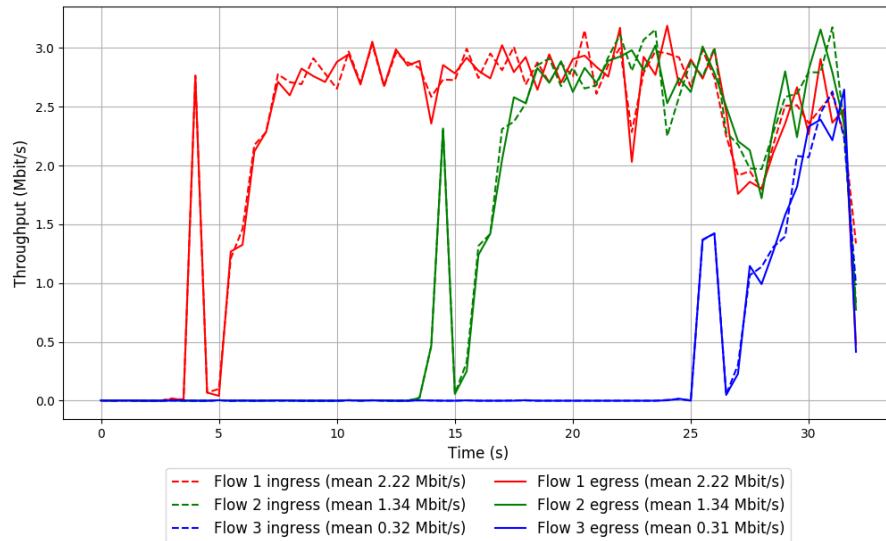


Run 7: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:17:59 +0000
End at: Mon, 10 Jul 2017 01:18:29 +0000
Local clock offset: 0.395 ms
Remote clock offset: -3.304 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 55.416 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 55.089 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 55.690 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 55.493 ms
Loss rate: 3.04%
```

Run 7: Report of WebRTC media — Data Link

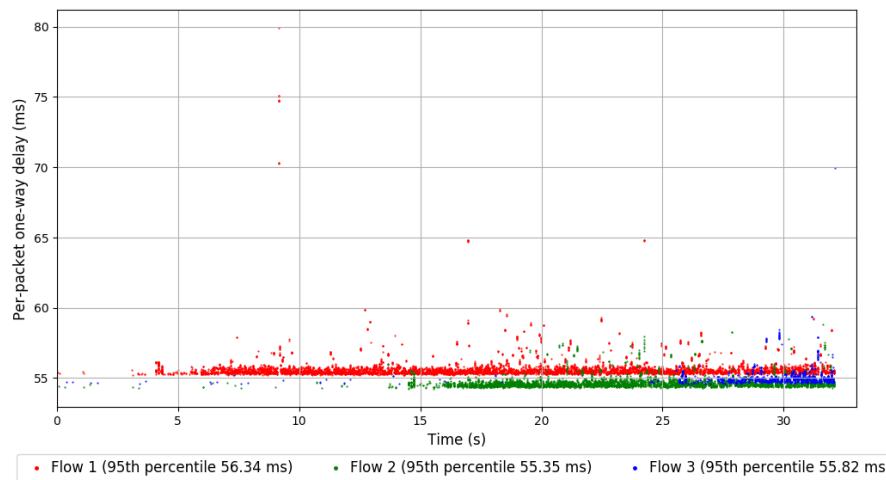
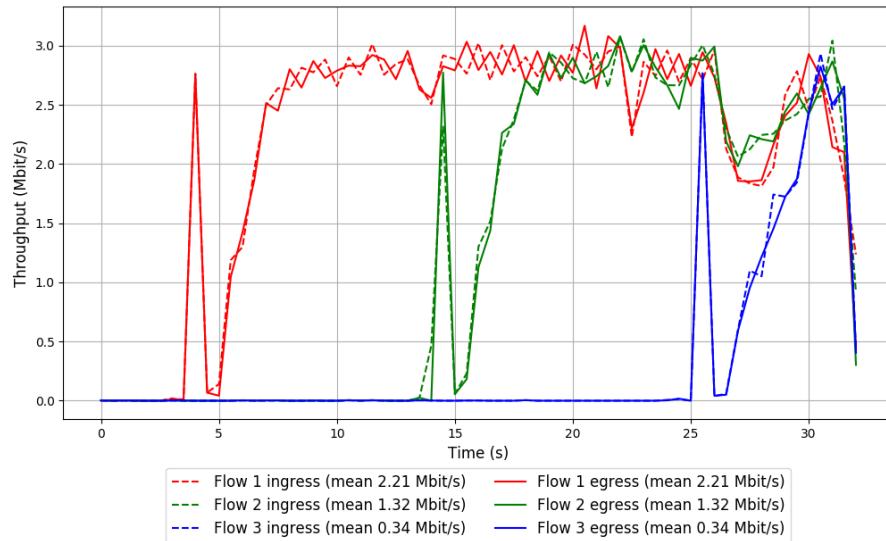


Run 8: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:36:31 +0000
End at: Mon, 10 Jul 2017 01:37:01 +0000
Local clock offset: 0.396 ms
Remote clock offset: -3.124 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 56.034 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 56.336 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 55.350 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 55.818 ms
Loss rate: 1.67%
```

Run 8: Report of WebRTC media — Data Link

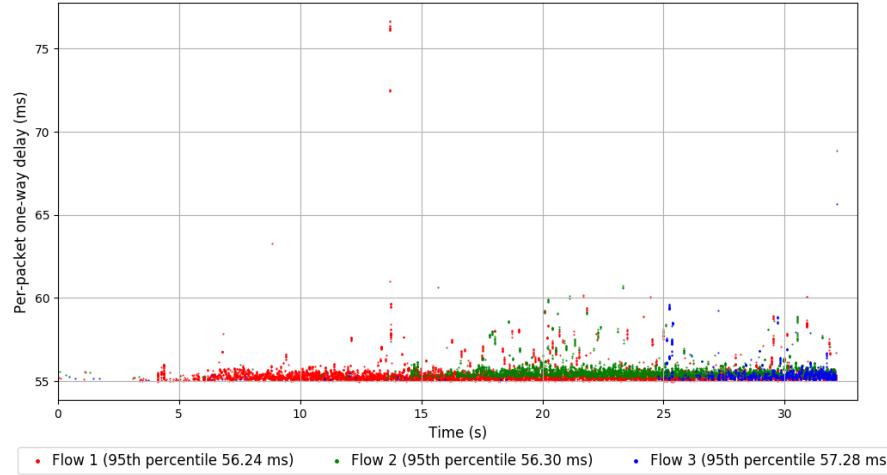
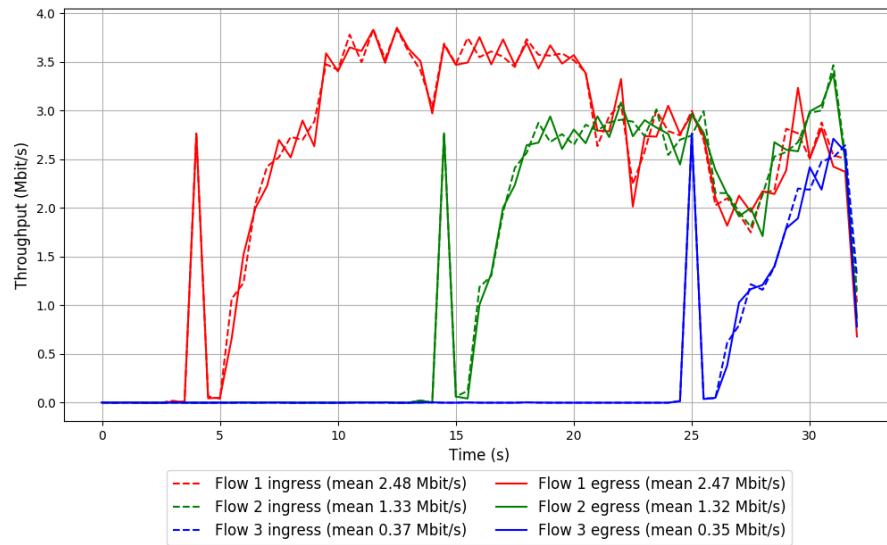


Run 9: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:54:57 +0000
End at: Mon, 10 Jul 2017 01:55:27 +0000
Local clock offset: 0.38 ms
Remote clock offset: -1.976 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 56.326 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 56.239 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 56.303 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 57.278 ms
Loss rate: 3.24%
```

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



```
Run 10: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 02:13:23 +0000
End at: Mon, 10 Jul 2017 02:13:53 +0000
Local clock offset: 0.474 ms
Remote clock offset: -3.145 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 56.327 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 56.046 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 56.668 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 56.220 ms
Loss rate: 1.67%
```

Run 10: Report of WebRTC media — Data Link

