

Pantheon Summary (Generated at Mon, 10 Jul 2017 03:43:43 +0000 with pantheon version c3610718e2bbac84102e8ac47b889a75d4392d79)

Repeated the test of 15 congestion control schemes 10 times.

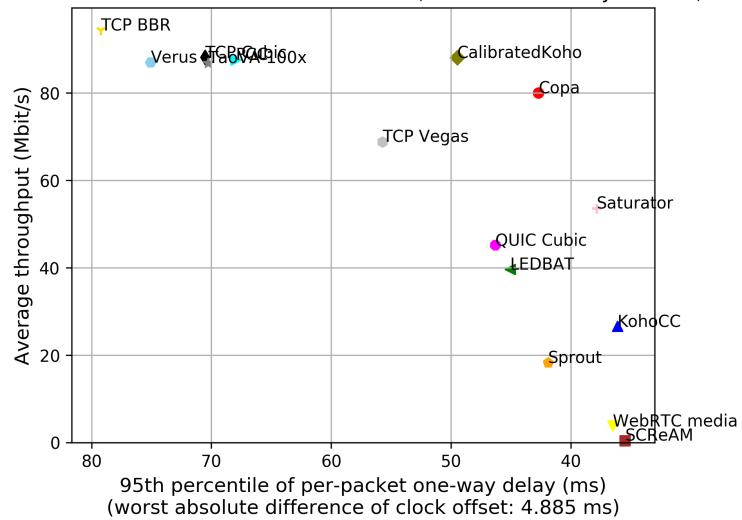
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path **from** Mexico Ethernet **to** AWS California 2 Ethernet.

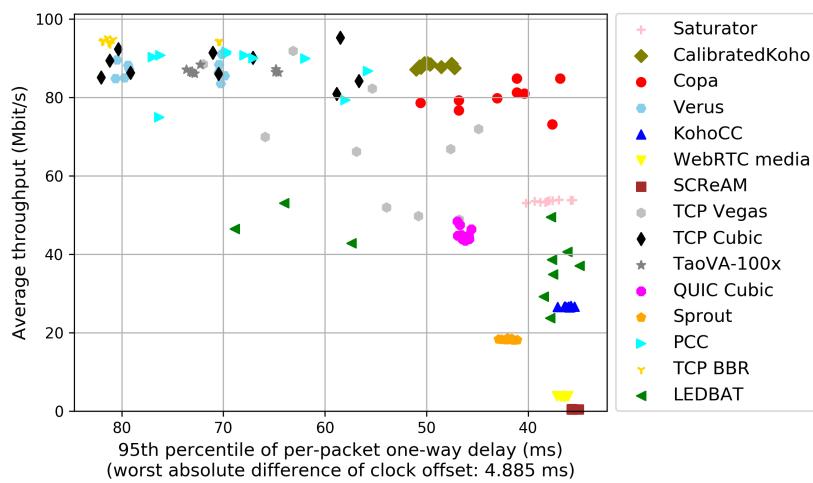
NTP offset measured against time.stanford.edu.

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



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



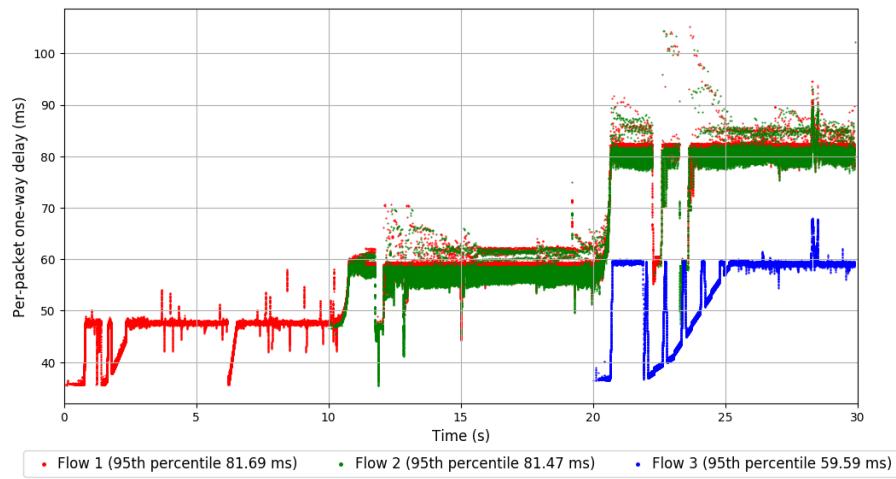
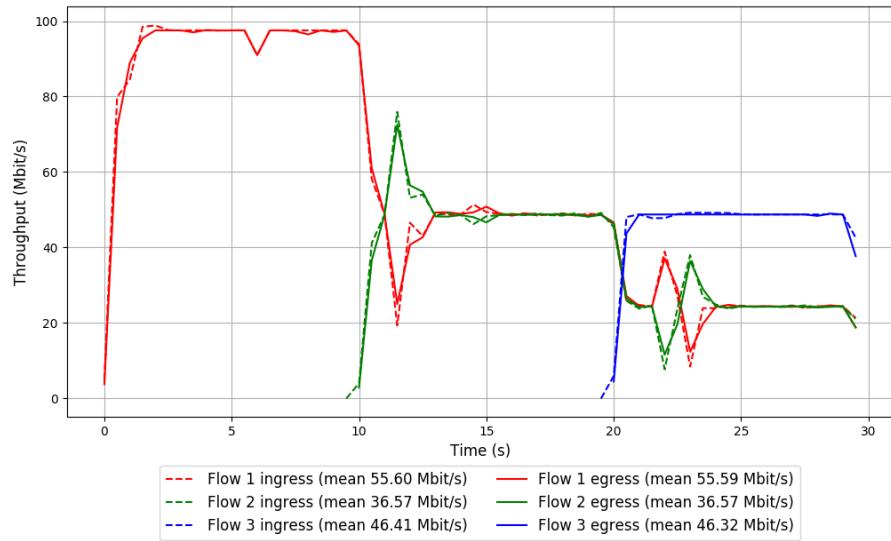
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	55.69	40.05	36.52	79.00	73.22	70.01	0.45	0.67	1.31
CalibratedKoho	10	63.74	29.16	14.99	49.04	49.87	50.30	0.40	0.58	1.13
Copa	10	44.92	35.72	33.98	40.24	44.54	50.29	0.42	0.55	1.08
TCP Cubic	10	50.34	42.63	29.05	67.61	67.75	66.87	0.39	0.55	6.31
KohoCC	10	13.40	13.38	13.06	36.13	35.80	36.27	0.33	0.49	0.93
LEDBAT	10	22.49	20.21	11.14	42.76	45.47	42.94	0.49	0.78	1.73
PCC	10	55.90	36.11	23.81	66.01	66.66	64.55	0.38	0.64	1.30
QUIC Cubic	10	48.07	48.07	44.93	45.55	44.90	45.94	0.09	0.12	1.16
Saturator	10	26.94	26.82	26.54	37.09	37.70	39.91	0.35	0.50	1.01
SCReAM	10	0.22	0.22	0.22	35.42	34.96	35.27	0.28	0.43	0.82
Sprout	10	9.27	9.12	8.89	41.48	42.02	42.73	0.34	0.47	0.98
TaoVA-100x	10	49.42	40.69	31.22	67.96	64.15	67.97	0.46	0.73	1.42
TCP Vegas	10	38.86	28.78	32.65	51.25	49.75	58.82	0.29	0.38	0.88
Verus	10	51.30	37.81	30.73	72.49	73.10	70.07	0.42	0.71	1.39
WebRTC media	10	2.16	1.30	0.35	36.02	36.74	37.30	0.39	0.57	2.30

Run 1: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:28:00 +0000
End at: Sun, 09 Jul 2017 23:28:30 +0000
Local clock offset: 0.568 ms
Remote clock offset: -3.372 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:31:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 81.399 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 55.59 Mbit/s
95th percentile per-packet one-way delay: 81.690 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 36.57 Mbit/s
95th percentile per-packet one-way delay: 81.471 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 46.32 Mbit/s
95th percentile per-packet one-way delay: 59.592 ms
Loss rate: 1.17%
```

Run 1: Report of TCP BBR — Data Link

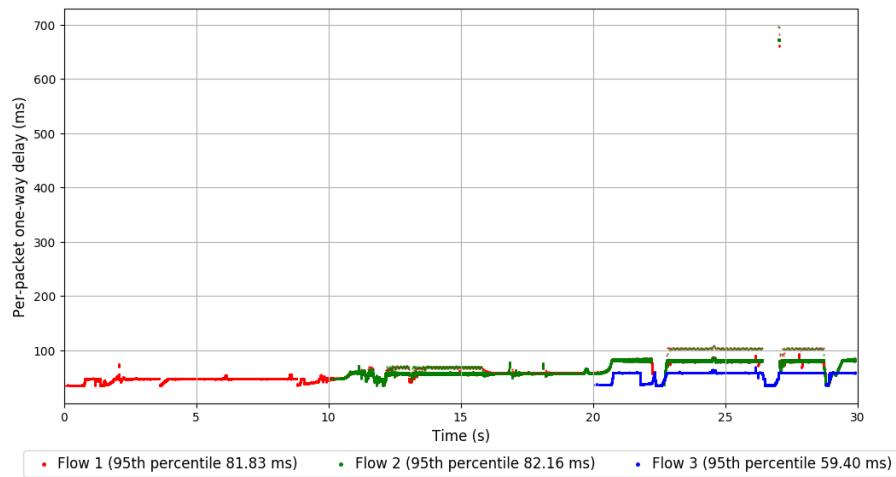
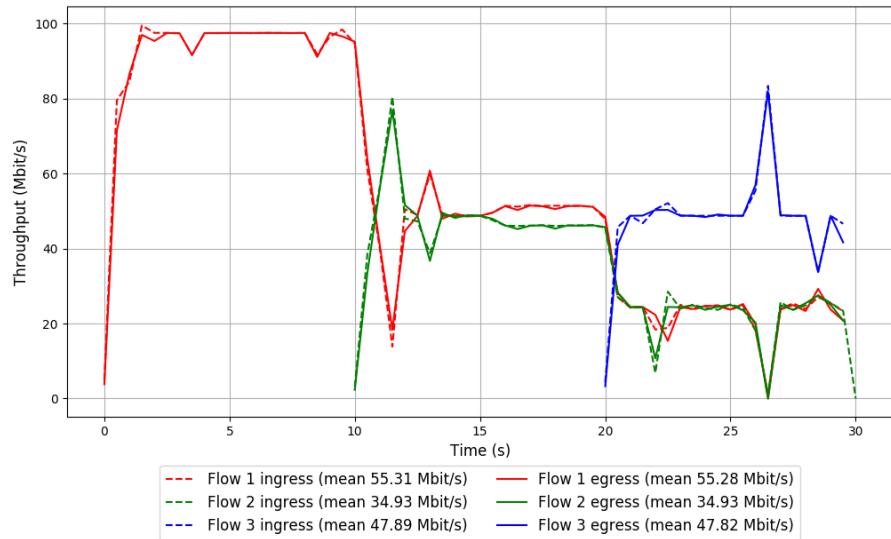


Run 2: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:48:29 +0000
End at: Sun, 09 Jul 2017 23:48:59 +0000
Local clock offset: 0.575 ms
Remote clock offset: -3.529 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:31:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 81.925 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 55.28 Mbit/s
95th percentile per-packet one-way delay: 81.826 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 34.93 Mbit/s
95th percentile per-packet one-way delay: 82.164 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 47.82 Mbit/s
95th percentile per-packet one-way delay: 59.400 ms
Loss rate: 1.12%
```

Run 2: Report of TCP BBR — Data Link

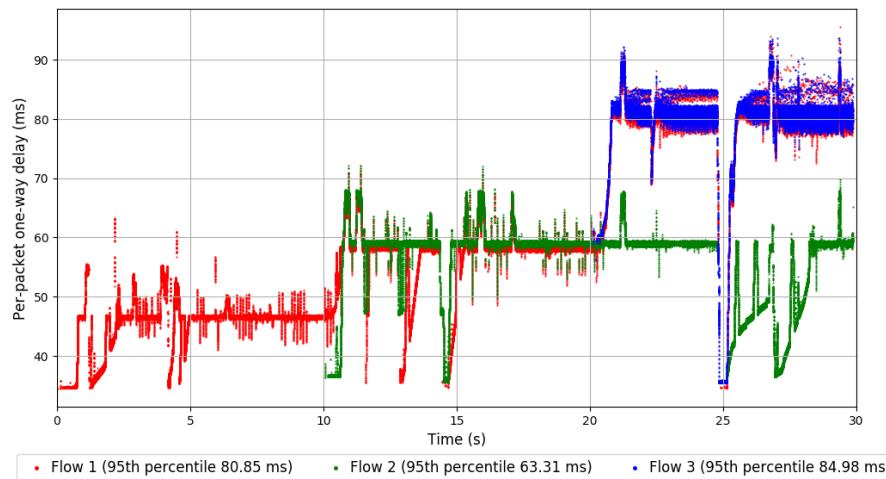
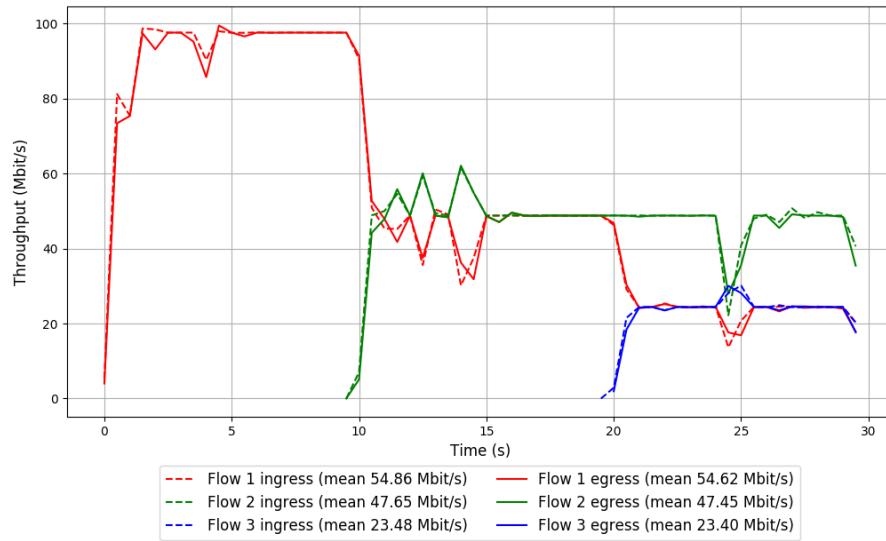


Run 3: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:09:07 +0000
End at: Mon, 10 Jul 2017 00:09:37 +0000
Local clock offset: 0.678 ms
Remote clock offset: -1.421 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.94 Mbit/s
95th percentile per-packet one-way delay: 81.236 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 80.847 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 47.45 Mbit/s
95th percentile per-packet one-way delay: 63.315 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 84.977 ms
Loss rate: 1.69%
```

Run 3: Report of TCP BBR — Data Link

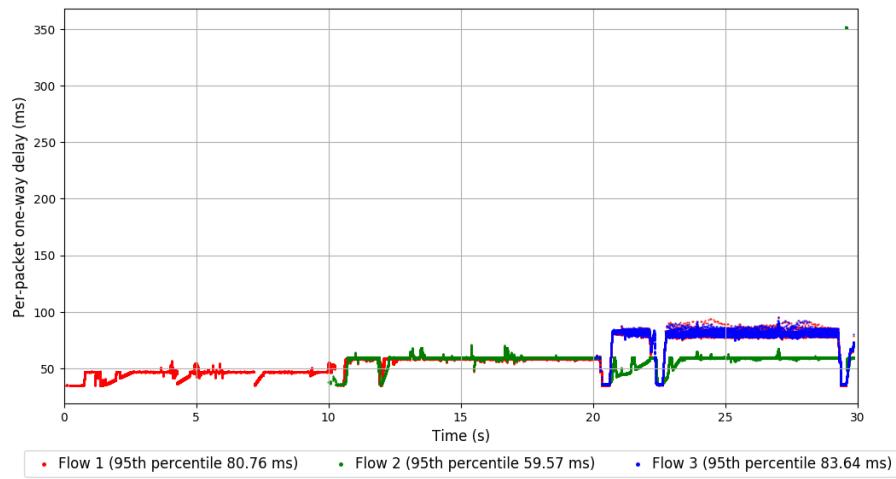
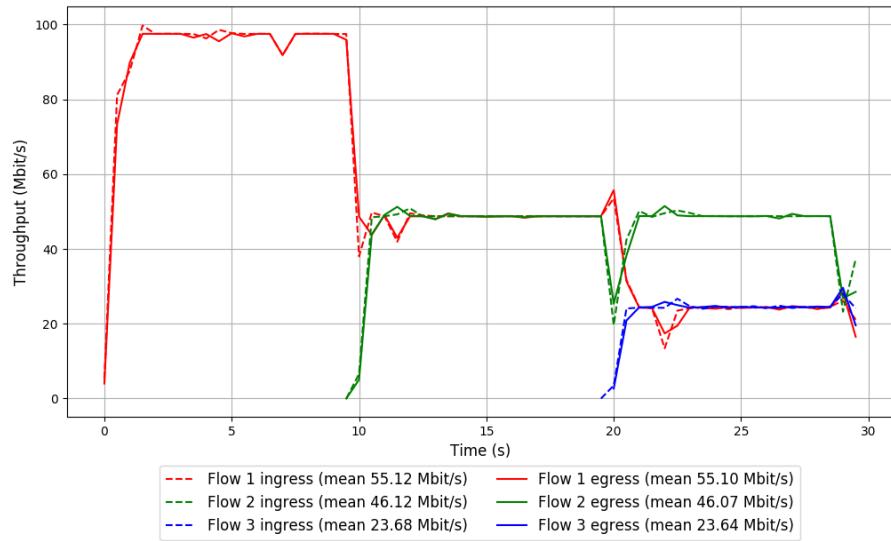


Run 4: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:30:15 +0000
End at: Mon, 10 Jul 2017 00:30:45 +0000
Local clock offset: 0.735 ms
Remote clock offset: -3.638 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 81.148 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 55.10 Mbit/s
95th percentile per-packet one-way delay: 80.756 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 59.571 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 83.638 ms
Loss rate: 1.43%
```

Run 4: Report of TCP BBR — Data Link

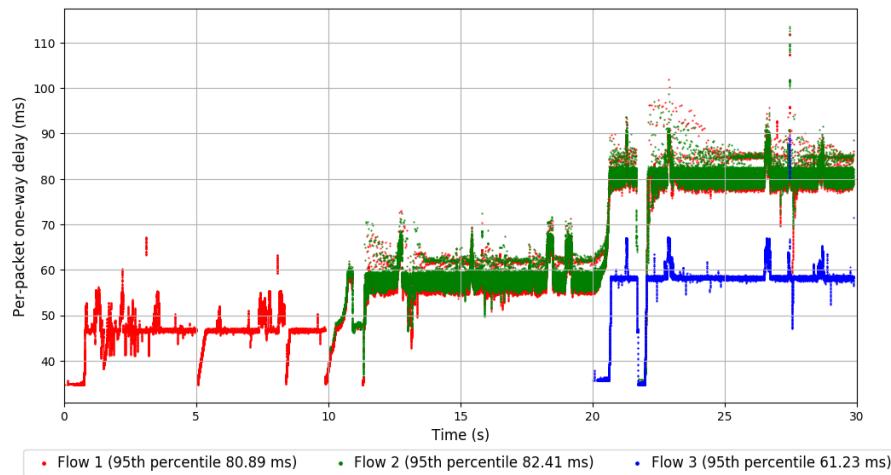
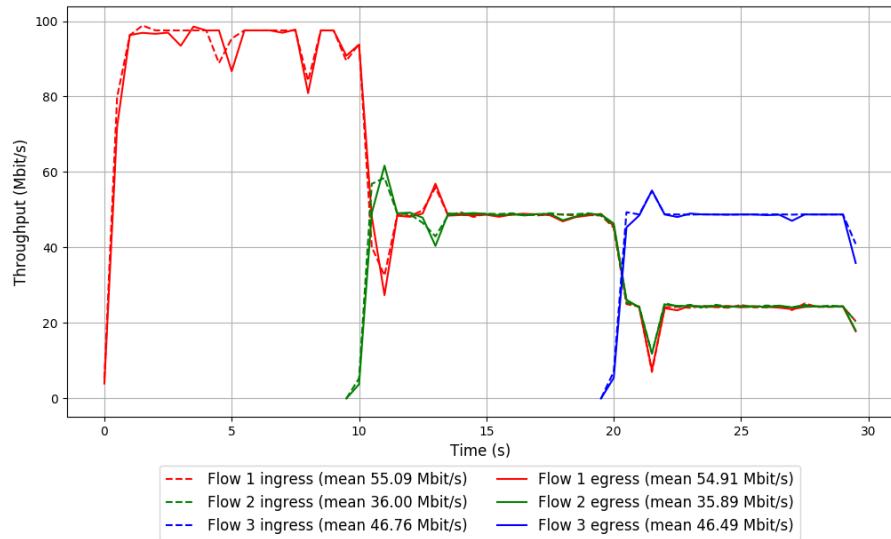


Run 5: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:51:06 +0000
End at: Mon, 10 Jul 2017 00:51:36 +0000
Local clock offset: 0.512 ms
Remote clock offset: -1.227 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 81.330 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 54.91 Mbit/s
95th percentile per-packet one-way delay: 80.889 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 35.89 Mbit/s
95th percentile per-packet one-way delay: 82.405 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 46.49 Mbit/s
95th percentile per-packet one-way delay: 61.232 ms
Loss rate: 1.44%
```

Run 5: Report of TCP BBR — Data Link

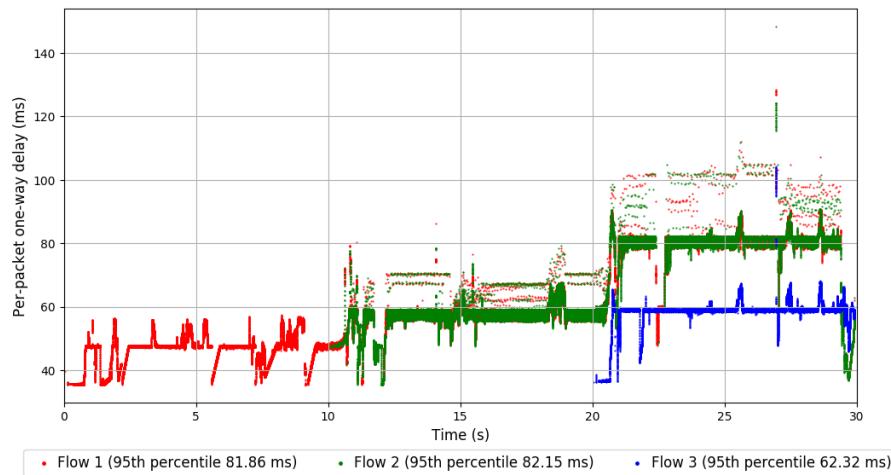
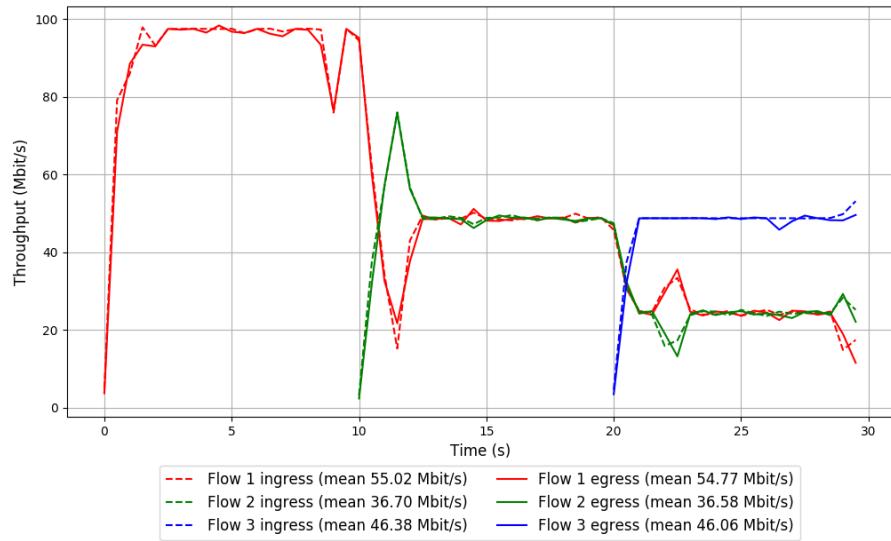


Run 6: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:11:52 +0000
End at: Mon, 10 Jul 2017 01:12:22 +0000
Local clock offset: 0.6 ms
Remote clock offset: -0.964 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 81.917 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 81.856 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 82.151 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 46.06 Mbit/s
95th percentile per-packet one-way delay: 62.320 ms
Loss rate: 1.66%
```

Run 6: Report of TCP BBR — Data Link

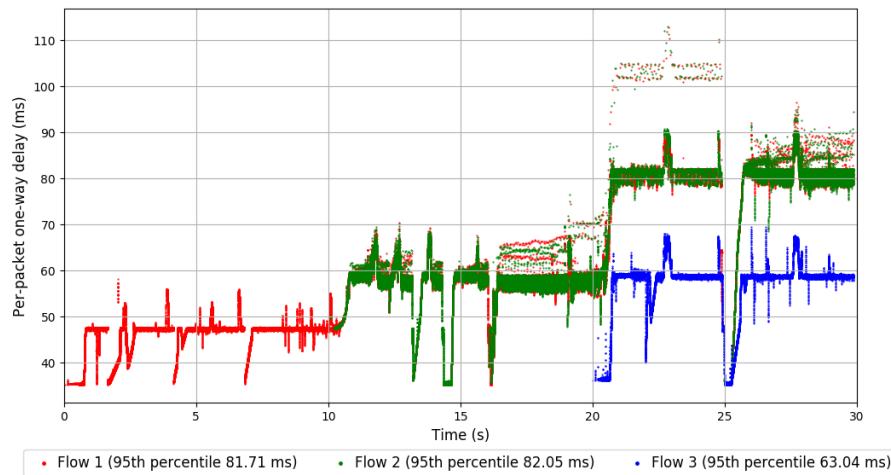
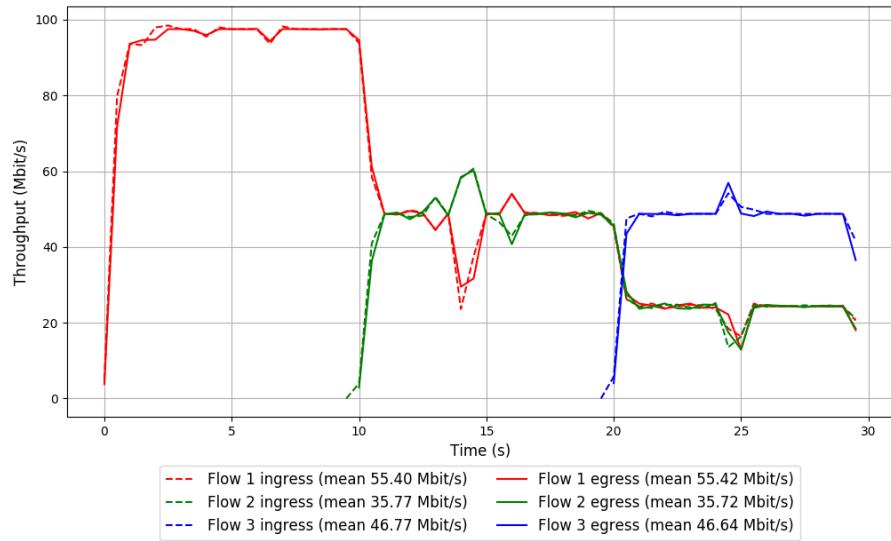


Run 7: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:32:41 +0000
End at: Mon, 10 Jul 2017 01:33:11 +0000
Local clock offset: 0.703 ms
Remote clock offset: -3.697 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 81.801 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 55.42 Mbit/s
95th percentile per-packet one-way delay: 81.711 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 82.049 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 46.64 Mbit/s
95th percentile per-packet one-way delay: 63.043 ms
Loss rate: 1.25%
```

Run 7: Report of TCP BBR — Data Link

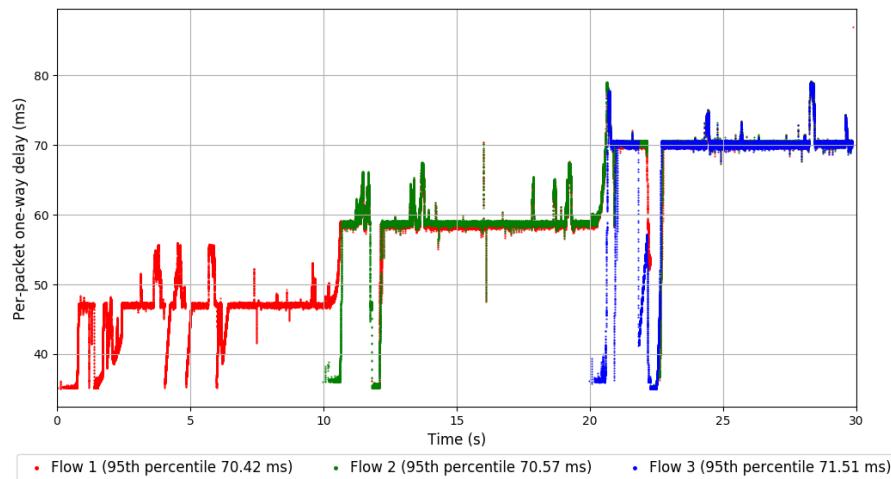
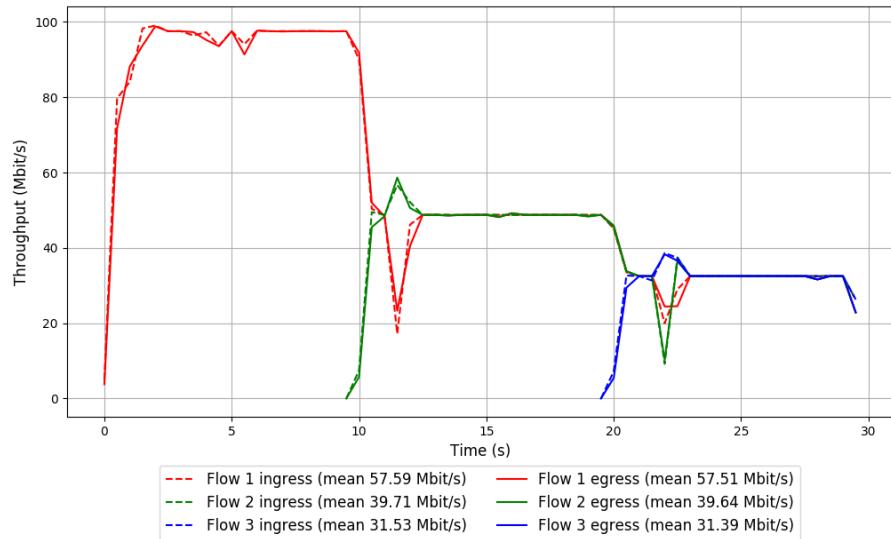


Run 8: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:53:25 +0000
End at: Mon, 10 Jul 2017 01:53:55 +0000
Local clock offset: 0.799 ms
Remote clock offset: -1.23 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 70.511 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 70.419 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 70.567 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 71.513 ms
Loss rate: 1.47%
```

Run 8: Report of TCP BBR — Data Link

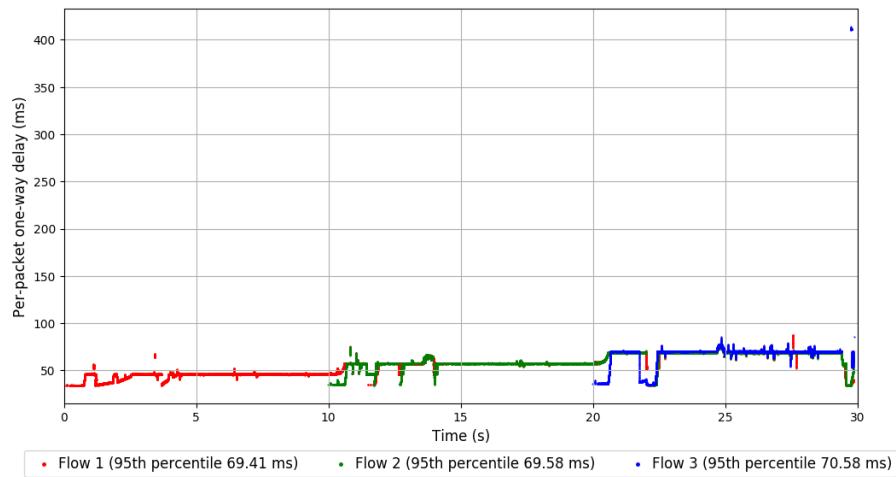
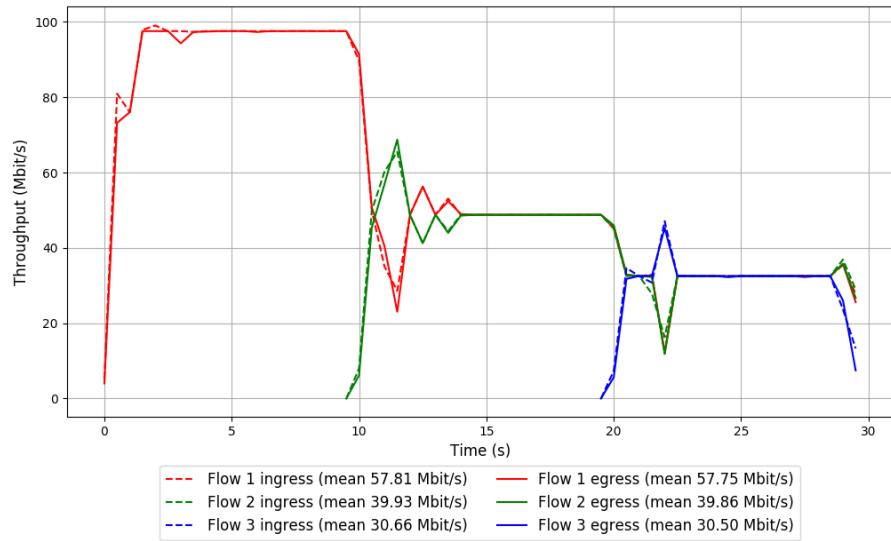


Run 9: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 02:14:02 +0000
End at: Mon, 10 Jul 2017 02:14:32 +0000
Local clock offset: 0.828 ms
Remote clock offset: -1.771 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.38 Mbit/s
95th percentile per-packet one-way delay: 70.317 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 69.407 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 69.577 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 70.585 ms
Loss rate: 1.35%
```

Run 9: Report of TCP BBR — Data Link

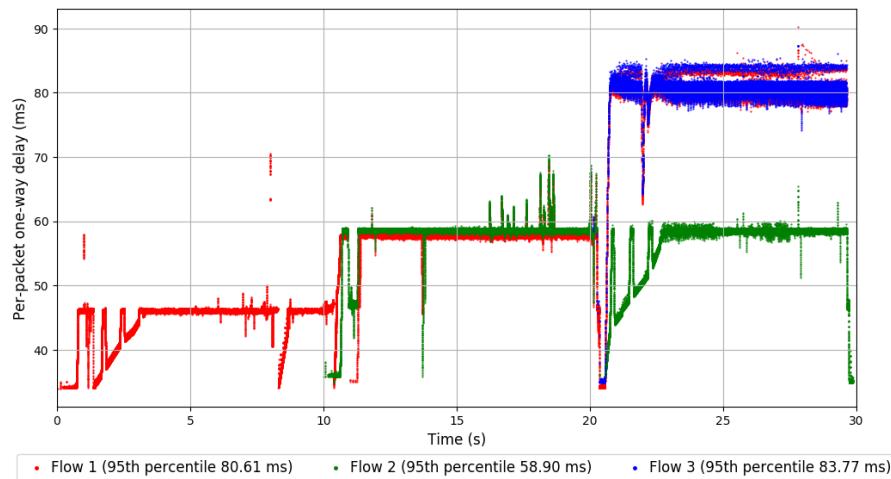
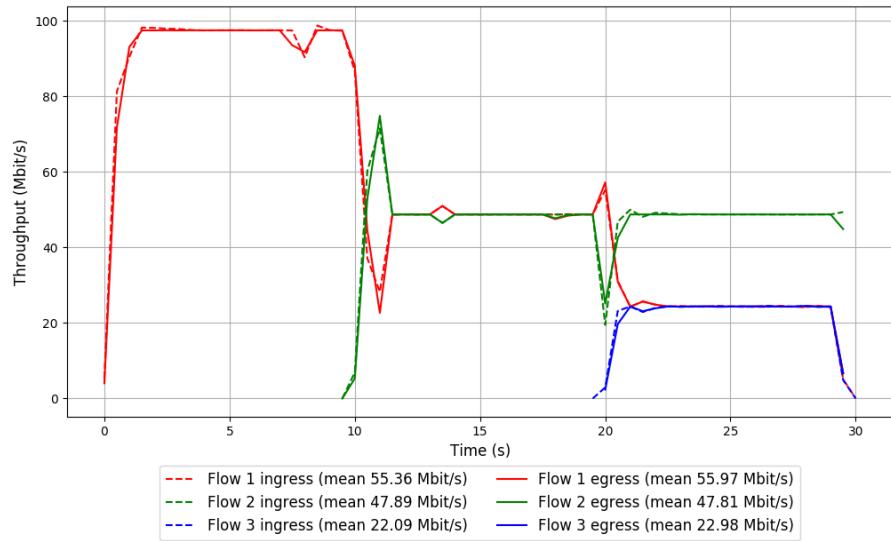


Run 10: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 02:34:39 +0000
End at: Mon, 10 Jul 2017 02:35:09 +0000
Local clock offset: 0.837 ms
Remote clock offset: -3.879 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.80 Mbit/s
95th percentile per-packet one-way delay: 80.827 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 80.605 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 58.896 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 22.98 Mbit/s
95th percentile per-packet one-way delay: 83.773 ms
Loss rate: 0.50%
```

Run 10: Report of TCP BBR — Data Link

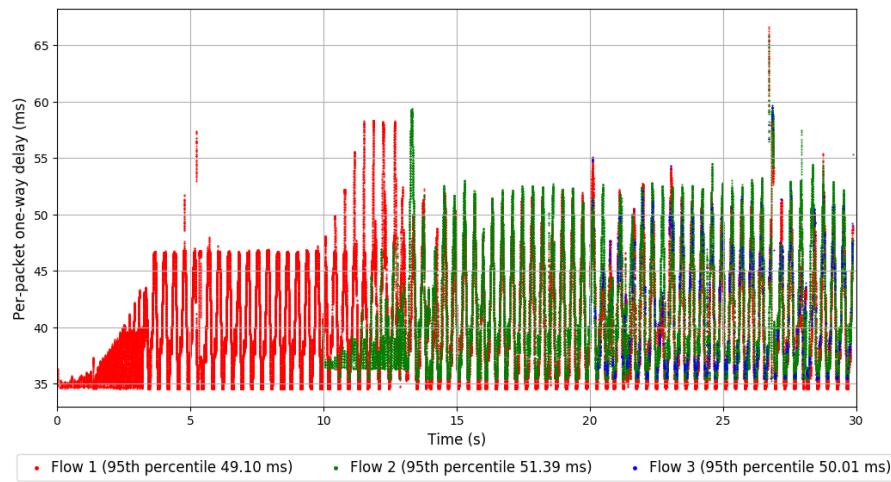
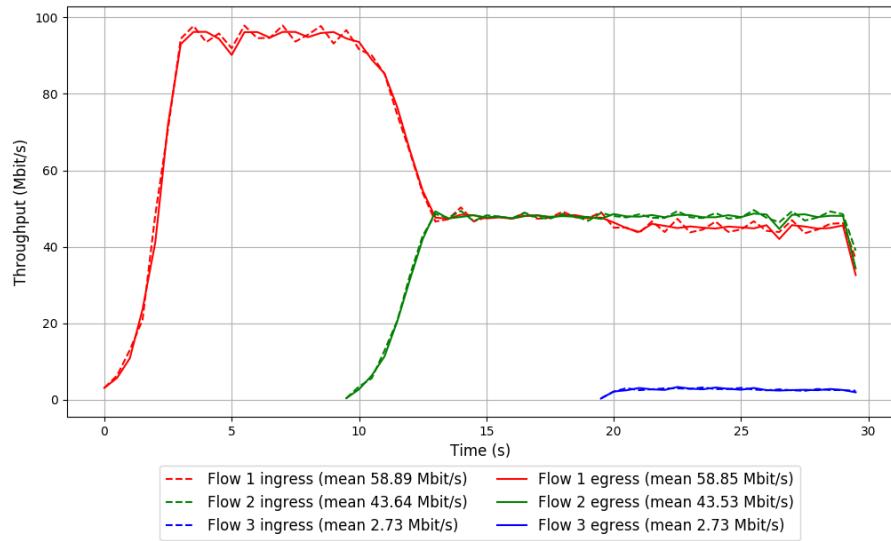


```
Run 1: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 23:36:10 +0000
End at: Sun, 09 Jul 2017 23:36:40 +0000
Local clock offset: 0.679 ms
Remote clock offset: -1.486 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:32:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.76 Mbit/s
95th percentile per-packet one-way delay: 50.209 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 49.100 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 43.53 Mbit/s
95th percentile per-packet one-way delay: 51.387 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 2.73 Mbit/s
95th percentile per-packet one-way delay: 50.005 ms
Loss rate: 0.88%
```

Run 1: Report of CalibratedKoho — Data Link

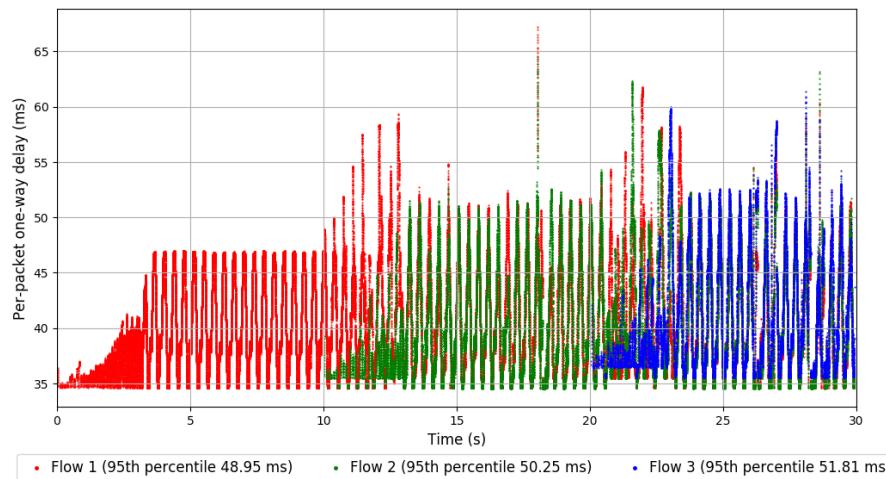
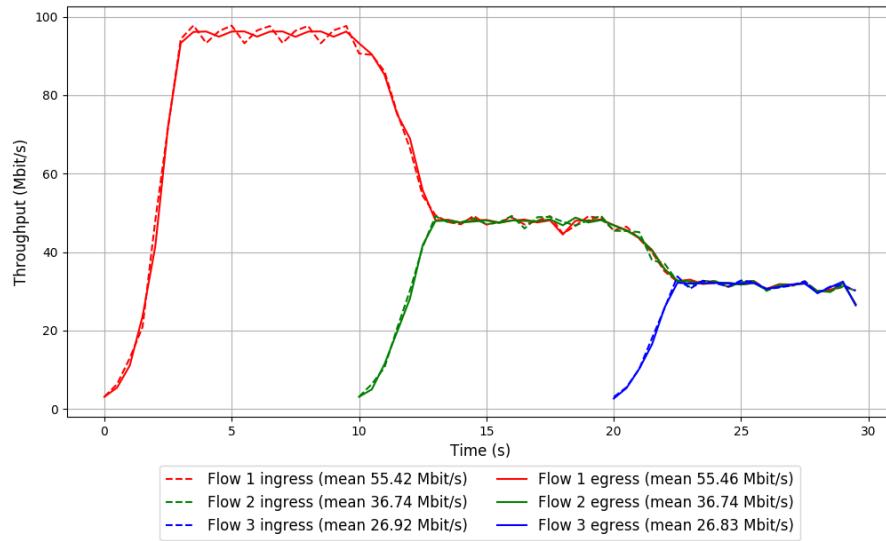


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 23:56:48 +0000
End at: Sun, 09 Jul 2017 23:57:18 +0000
Local clock offset: 0.709 ms
Remote clock offset: -0.909 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.76 Mbit/s
95th percentile per-packet one-way delay: 49.880 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 55.46 Mbit/s
95th percentile per-packet one-way delay: 48.952 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 36.74 Mbit/s
95th percentile per-packet one-way delay: 50.248 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 26.83 Mbit/s
95th percentile per-packet one-way delay: 51.814 ms
Loss rate: 1.12%
```

Run 2: Report of CalibratedKoho — Data Link

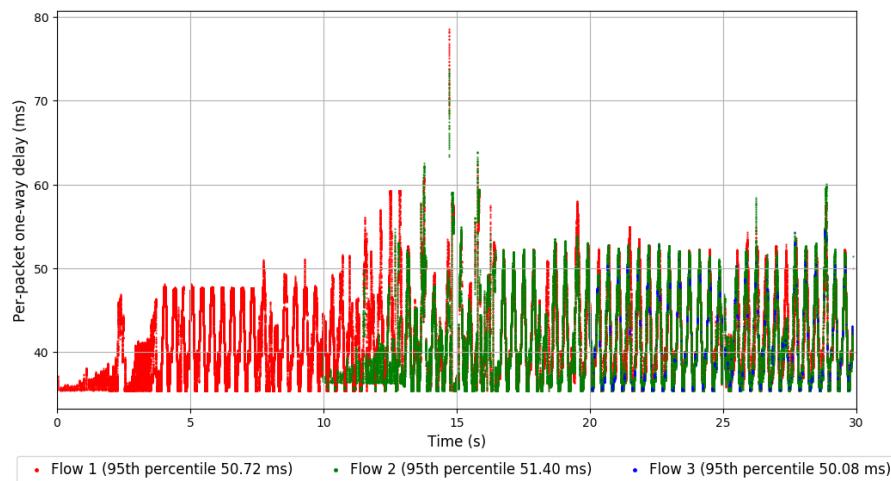
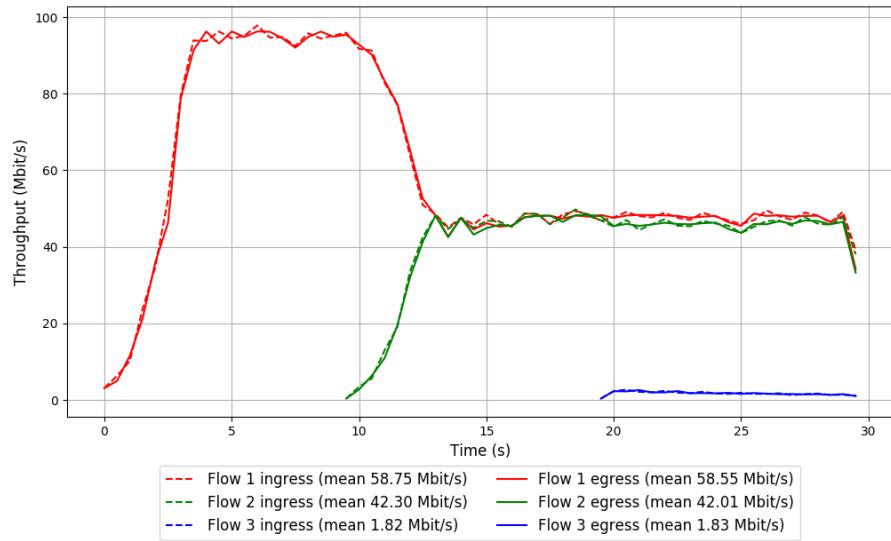


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Mon, 10 Jul 2017 00:17:35 +0000
End at: Mon, 10 Jul 2017 00:18:05 +0000
Local clock offset: 0.678 ms
Remote clock offset: -3.489 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.16 Mbit/s
95th percentile per-packet one-way delay: 51.008 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 58.55 Mbit/s
95th percentile per-packet one-way delay: 50.724 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 42.01 Mbit/s
95th percentile per-packet one-way delay: 51.400 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 50.078 ms
Loss rate: 0.73%
```

Run 3: Report of CalibratedKoho — Data Link

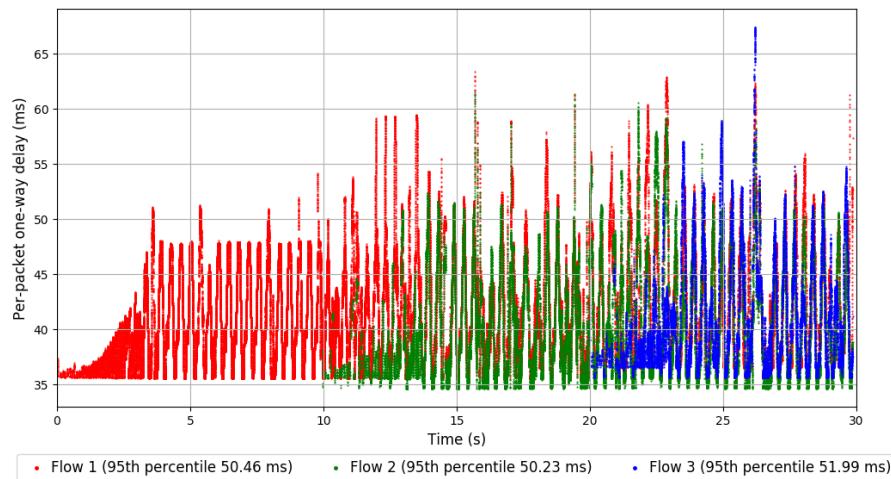
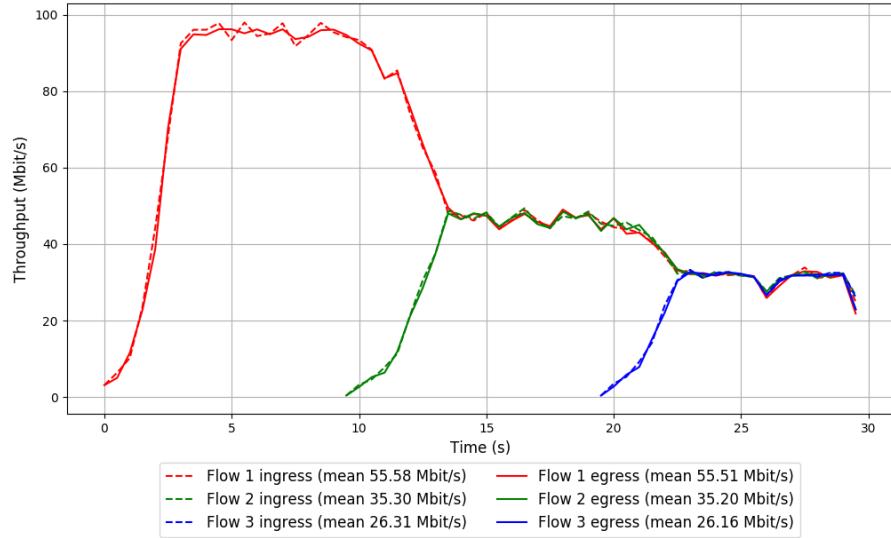


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Mon, 10 Jul 2017 00:38:40 +0000
End at: Mon, 10 Jul 2017 00:39:10 +0000
Local clock offset: 0.574 ms
Remote clock offset: -1.352 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 50.550 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 55.51 Mbit/s
95th percentile per-packet one-way delay: 50.460 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 35.20 Mbit/s
95th percentile per-packet one-way delay: 50.226 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 26.16 Mbit/s
95th percentile per-packet one-way delay: 51.987 ms
Loss rate: 1.42%
```

Run 4: Report of CalibratedKoho — Data Link

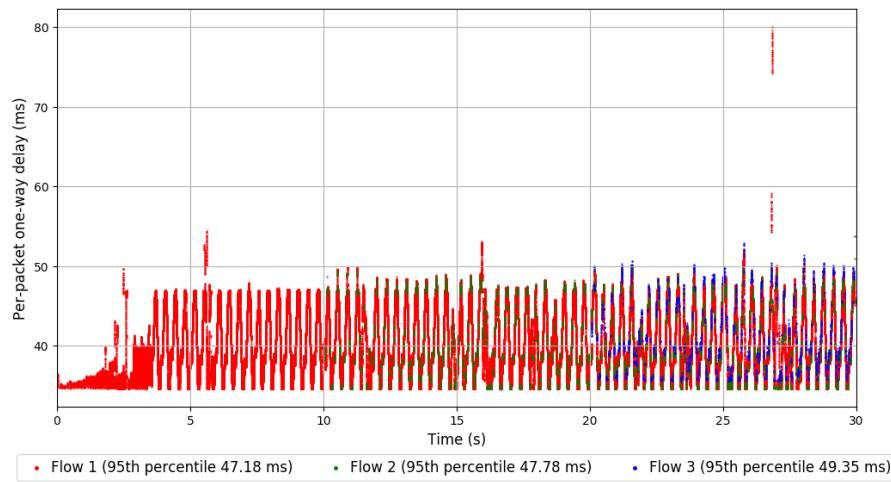
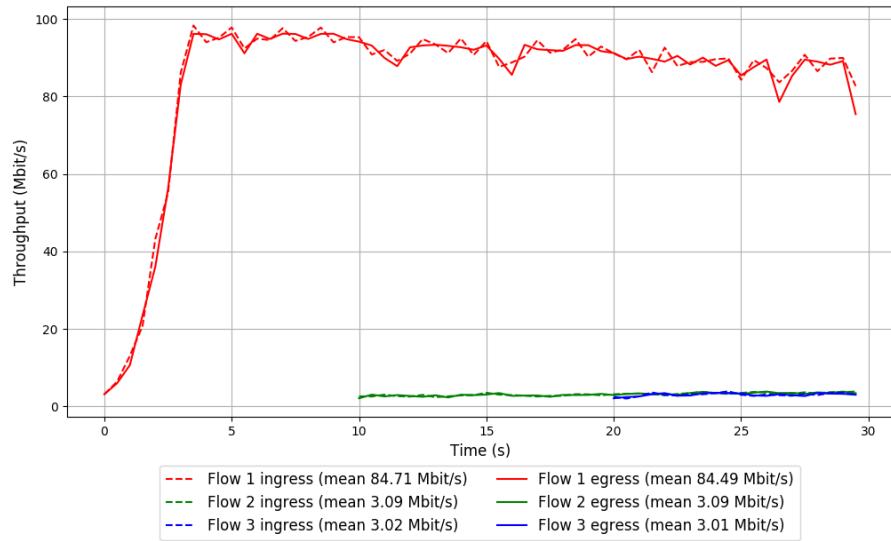


Run 5: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:59:28 +0000
End at: Mon, 10 Jul 2017 00:59:58 +0000
Local clock offset: 0.612 ms
Remote clock offset: -1.51 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.52 Mbit/s
95th percentile per-packet one-way delay: 47.241 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 84.49 Mbit/s
95th percentile per-packet one-way delay: 47.177 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 47.784 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 3.01 Mbit/s
95th percentile per-packet one-way delay: 49.350 ms
Loss rate: 0.88%
```

Run 5: Report of CalibratedKoho — Data Link

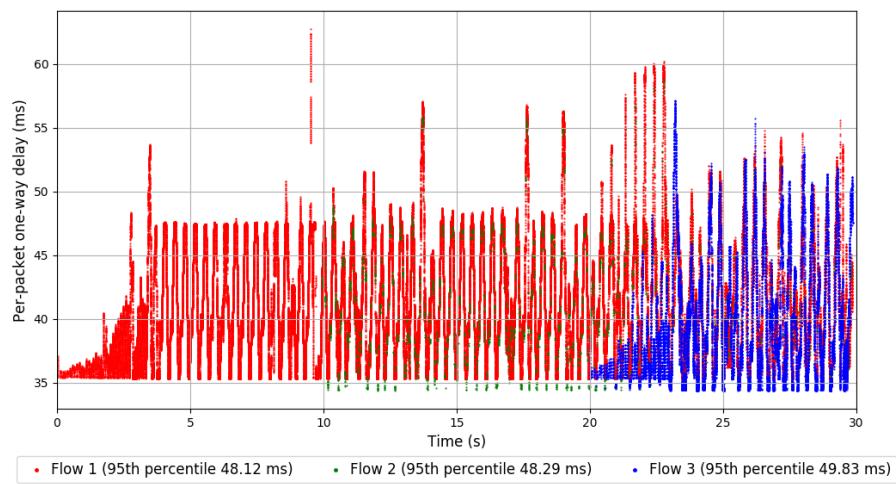
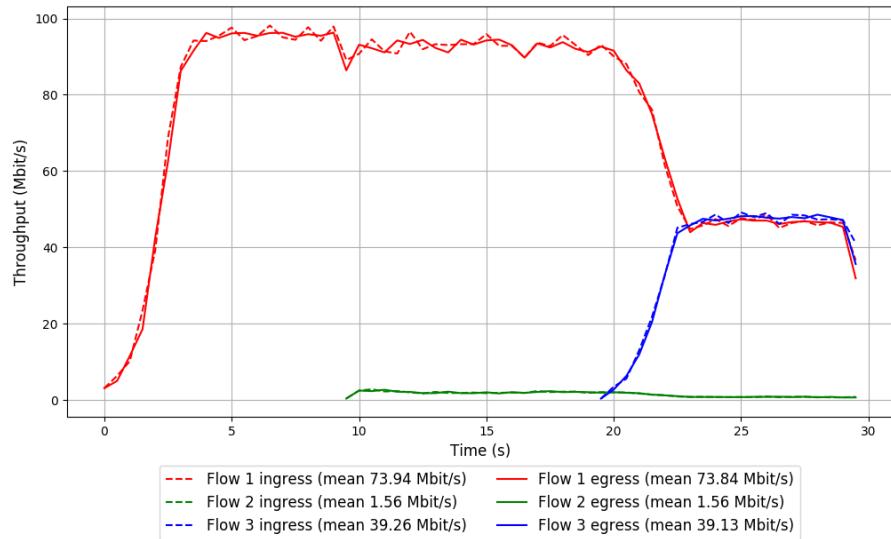


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Mon, 10 Jul 2017 01:20:19 +0000
End at: Mon, 10 Jul 2017 01:20:49 +0000
Local clock offset: 0.651 ms
Remote clock offset: -1.522 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 48.555 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 73.84 Mbit/s
95th percentile per-packet one-way delay: 48.125 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 48.292 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 39.13 Mbit/s
95th percentile per-packet one-way delay: 49.832 ms
Loss rate: 1.18%
```

Run 6: Report of CalibratedKoho — Data Link

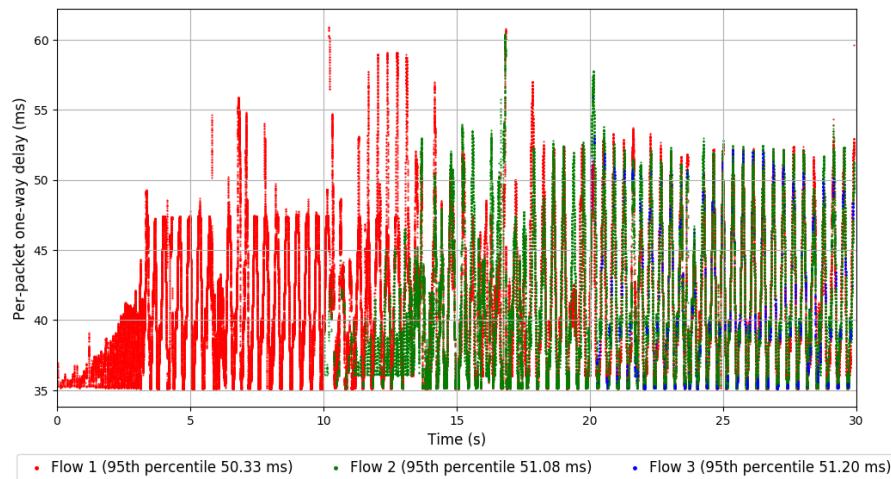
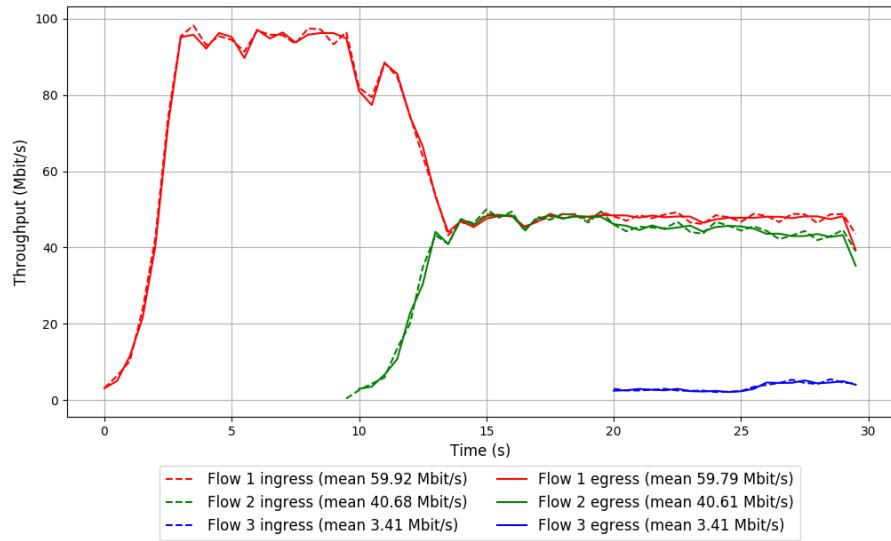


Run 7: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 01:41:01 +0000
End at: Mon, 10 Jul 2017 01:41:31 +0000
Local clock offset: 0.812 ms
Remote clock offset: -1.193 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 50.704 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 59.79 Mbit/s
95th percentile per-packet one-way delay: 50.328 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 51.083 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 51.196 ms
Loss rate: 1.24%
```

Run 7: Report of CalibratedKoho — Data Link

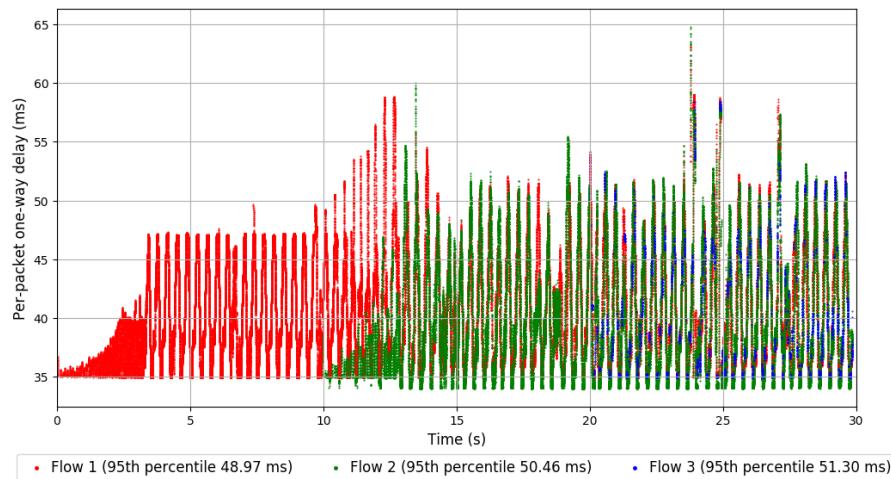
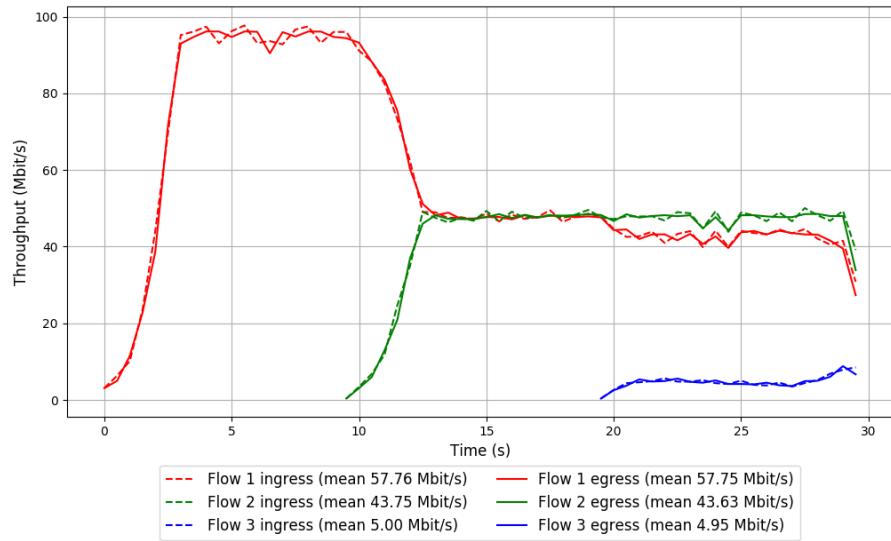


Run 8: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 02:01:45 +0000
End at: Mon, 10 Jul 2017 02:02:15 +0000
Local clock offset: 0.817 ms
Remote clock offset: -1.261 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.46 Mbit/s
95th percentile per-packet one-way delay: 49.695 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 48.973 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 43.63 Mbit/s
95th percentile per-packet one-way delay: 50.456 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 4.95 Mbit/s
95th percentile per-packet one-way delay: 51.300 ms
Loss rate: 1.97%
```

Run 8: Report of CalibratedKoho — Data Link

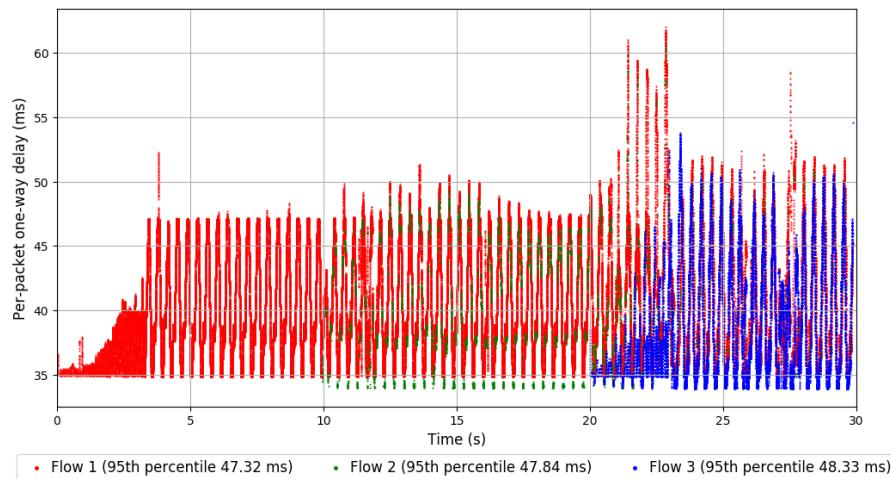
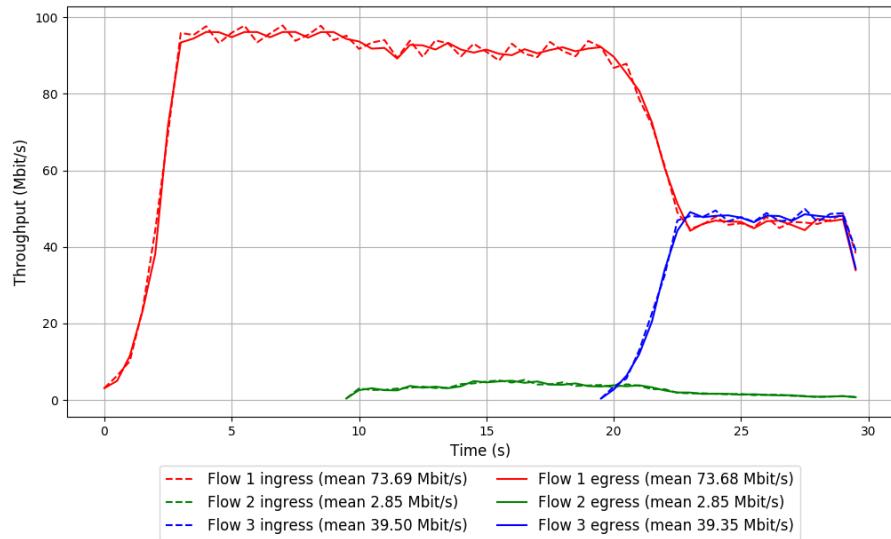


Run 9: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 02:22:19 +0000
End at: Mon, 10 Jul 2017 02:22:49 +0000
Local clock offset: 0.942 ms
Remote clock offset: -1.382 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.60 Mbit/s
95th percentile per-packet one-way delay: 47.521 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 73.68 Mbit/s
95th percentile per-packet one-way delay: 47.321 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 2.85 Mbit/s
95th percentile per-packet one-way delay: 47.840 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 48.328 ms
Loss rate: 1.16%
```

Run 9: Report of CalibratedKoho — Data Link

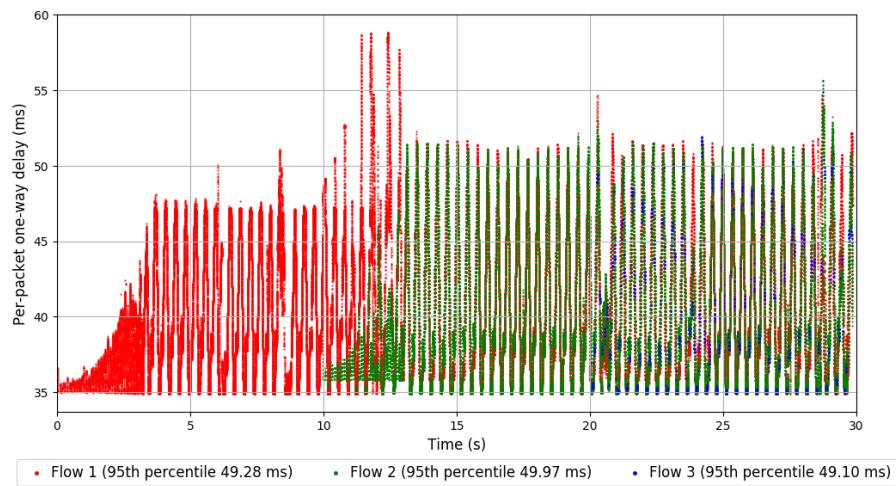
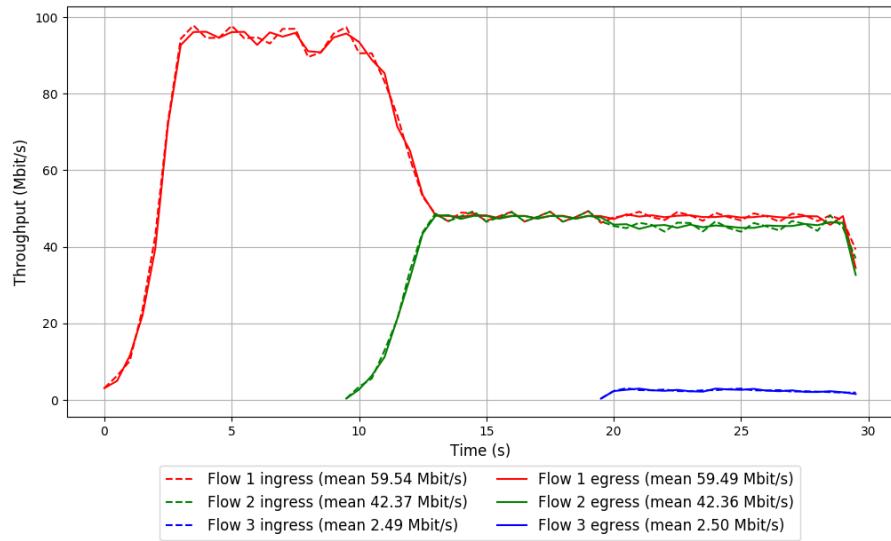


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Mon, 10 Jul 2017 02:42:58 +0000
End at: Mon, 10 Jul 2017 02:43:28 +0000
Local clock offset: 0.781 ms
Remote clock offset: -3.93 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:33:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.54 Mbit/s
95th percentile per-packet one-way delay: 49.600 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 59.49 Mbit/s
95th percentile per-packet one-way delay: 49.280 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 42.36 Mbit/s
95th percentile per-packet one-way delay: 49.965 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 49.100 ms
Loss rate: 0.73%
```

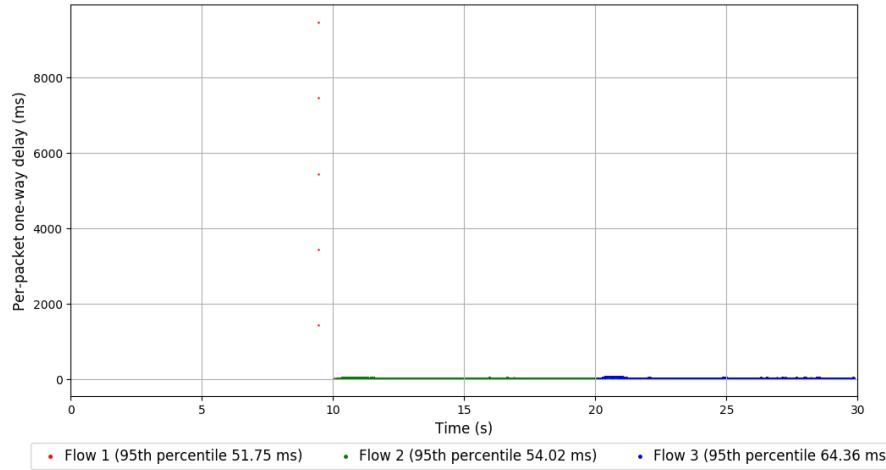
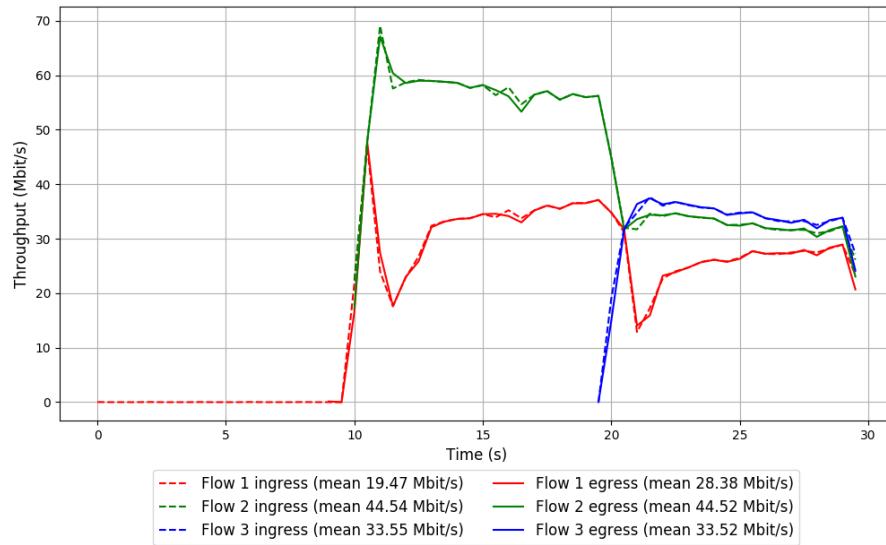
Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 09 Jul 2017 23:42:57 +0000
End at: Sun, 09 Jul 2017 23:43:27 +0000
Local clock offset: 0.705 ms
Remote clock offset: -1.663 ms

Run 1: Report of Copa — Data Link

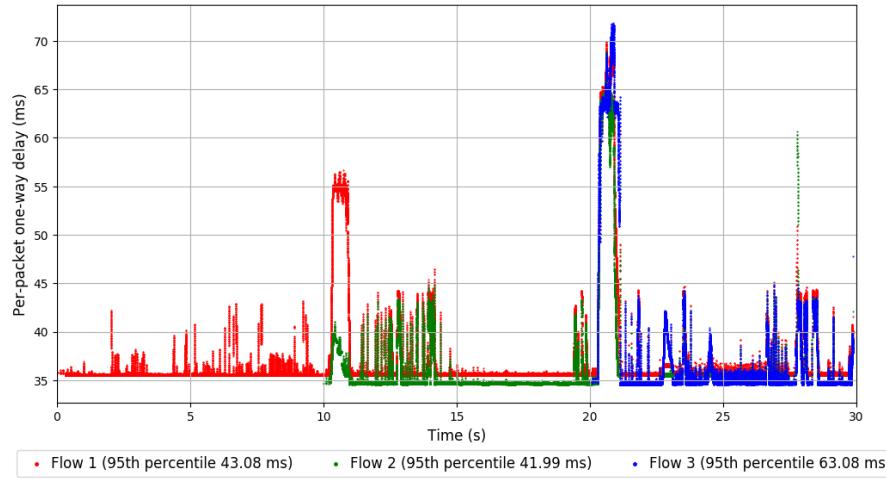
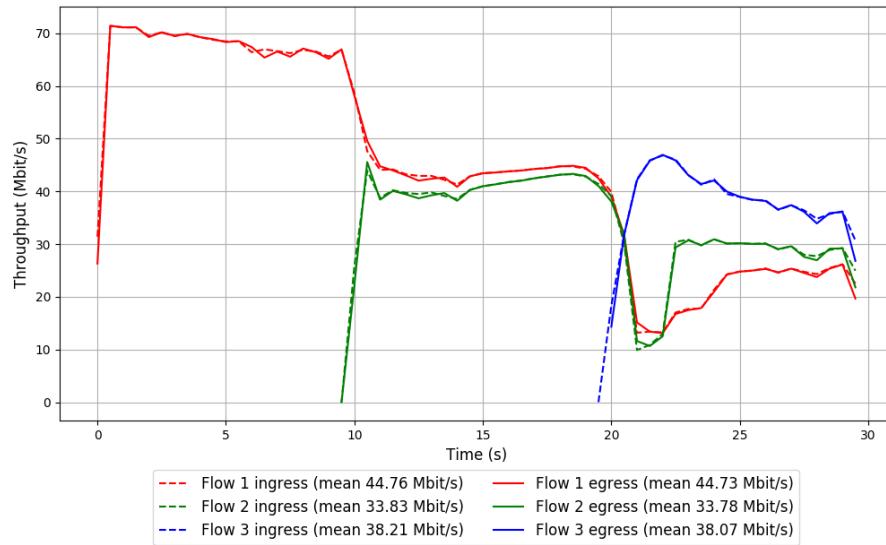


Run 2: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:03:37 +0000
End at: Mon, 10 Jul 2017 00:04:07 +0000
Local clock offset: 0.644 ms
Remote clock offset: -1.444 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:34:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.82 Mbit/s
95th percentile per-packet one-way delay: 43.061 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 43.078 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 41.986 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 63.076 ms
Loss rate: 1.17%
```

Run 2: Report of Copa — Data Link

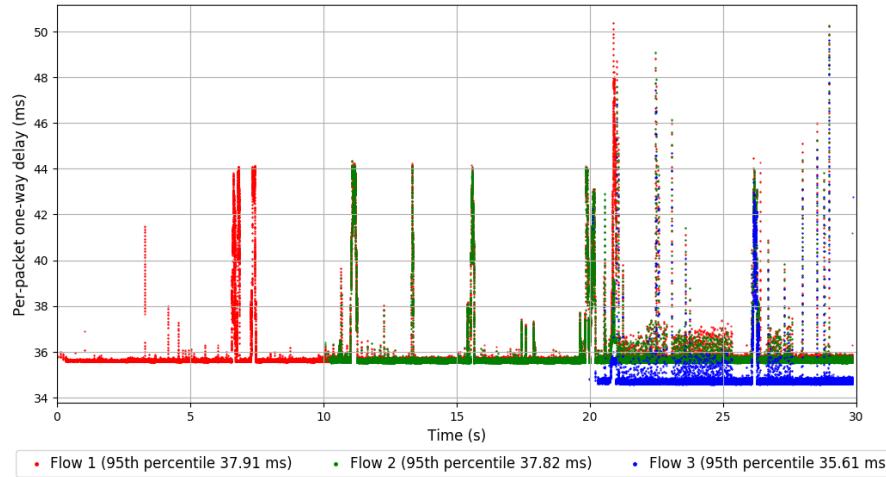
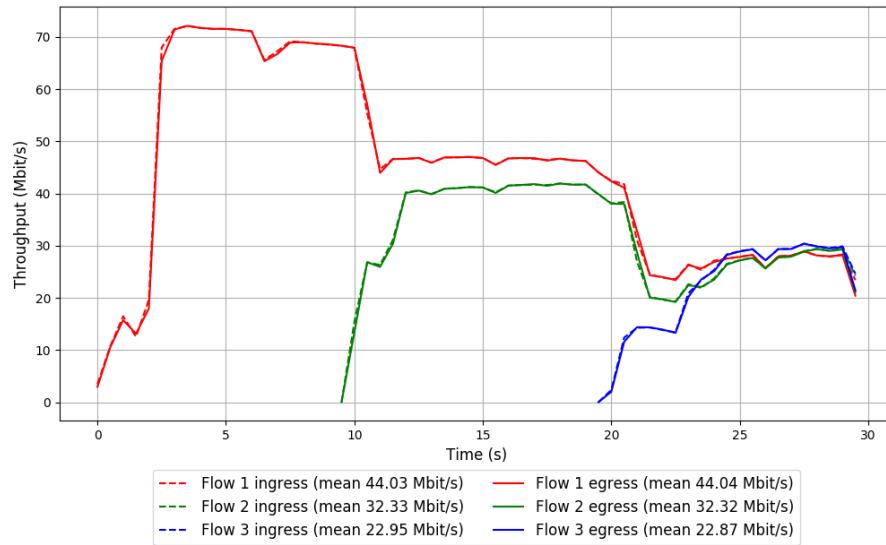


Run 3: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:24:39 +0000
End at: Mon, 10 Jul 2017 00:25:09 +0000
Local clock offset: 0.741 ms
Remote clock offset: -3.472 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:34:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.15 Mbit/s
95th percentile per-packet one-way delay: 37.624 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 44.04 Mbit/s
95th percentile per-packet one-way delay: 37.908 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 32.32 Mbit/s
95th percentile per-packet one-way delay: 37.818 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 22.87 Mbit/s
95th percentile per-packet one-way delay: 35.612 ms
Loss rate: 1.22%
```

Run 3: Report of Copa — Data Link

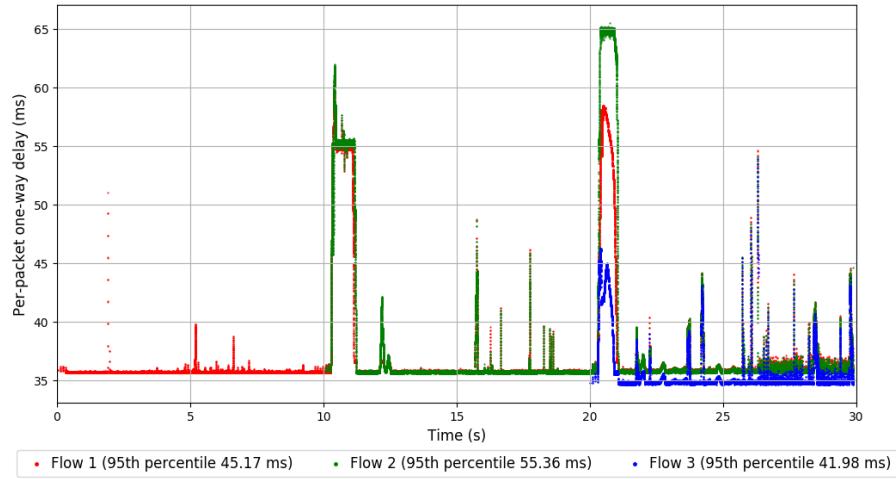
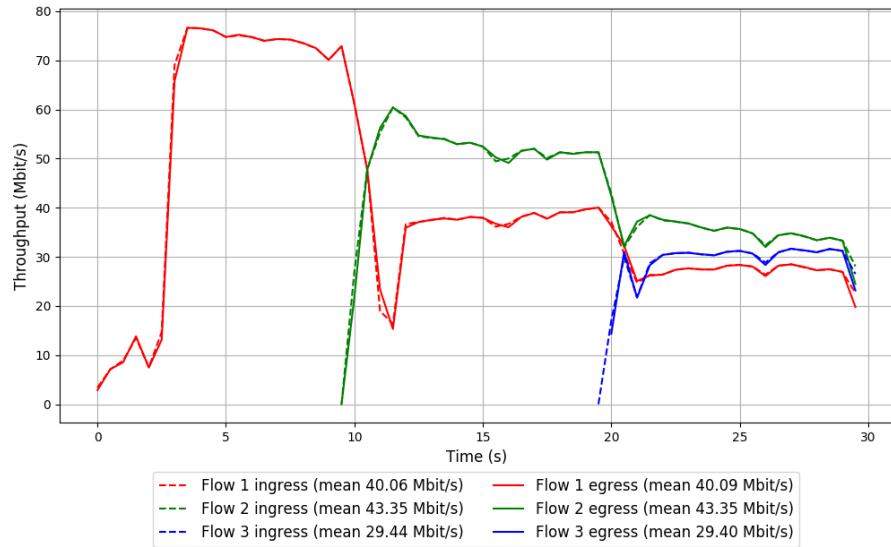


Run 4: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:45:34 +0000
End at: Mon, 10 Jul 2017 00:46:04 +0000
Local clock offset: 0.645 ms
Remote clock offset: -3.471 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:34:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.69 Mbit/s
95th percentile per-packet one-way delay: 50.613 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 45.174 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 43.35 Mbit/s
95th percentile per-packet one-way delay: 55.361 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 29.40 Mbit/s
95th percentile per-packet one-way delay: 41.977 ms
Loss rate: 1.04%
```

Run 4: Report of Copa — Data Link

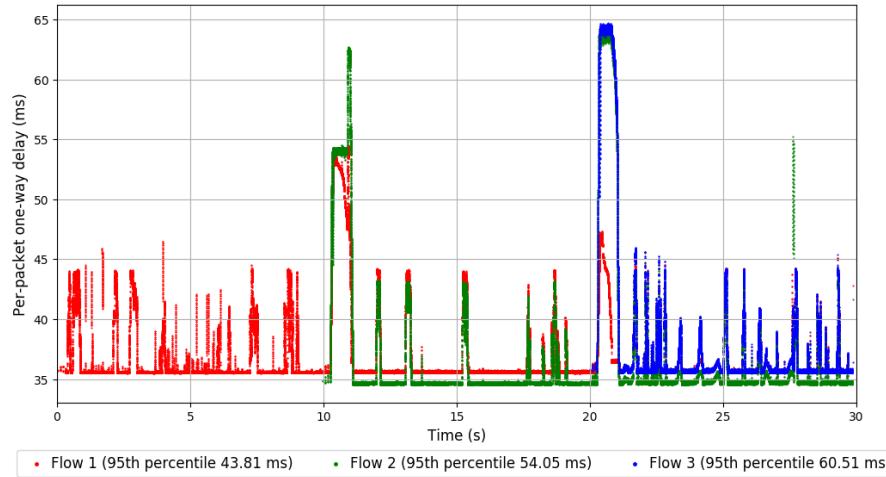
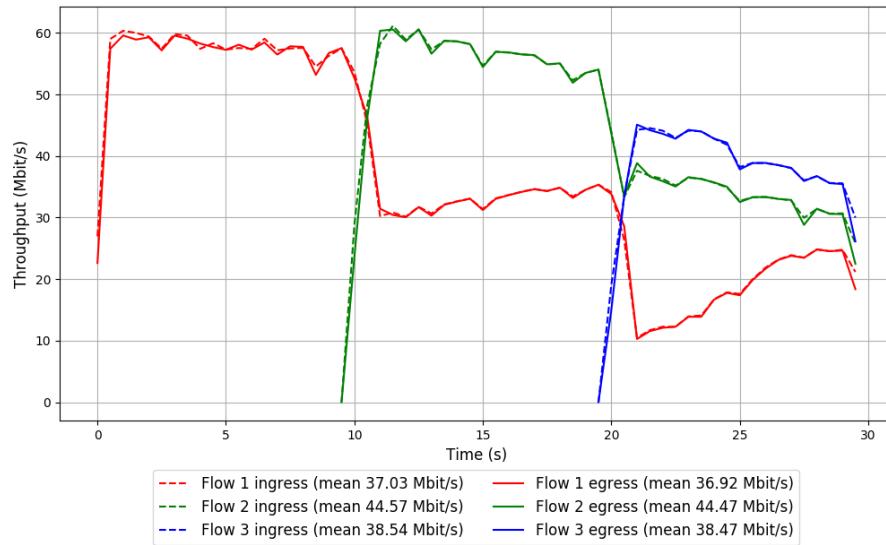


Run 5: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:06:22 +0000
End at: Mon, 10 Jul 2017 01:06:52 +0000
Local clock offset: 0.628 ms
Remote clock offset: -1.005 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:34:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.30 Mbit/s
95th percentile per-packet one-way delay: 46.832 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: 43.811 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 44.47 Mbit/s
95th percentile per-packet one-way delay: 54.050 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 60.511 ms
Loss rate: 1.06%
```

Run 5: Report of Copa — Data Link

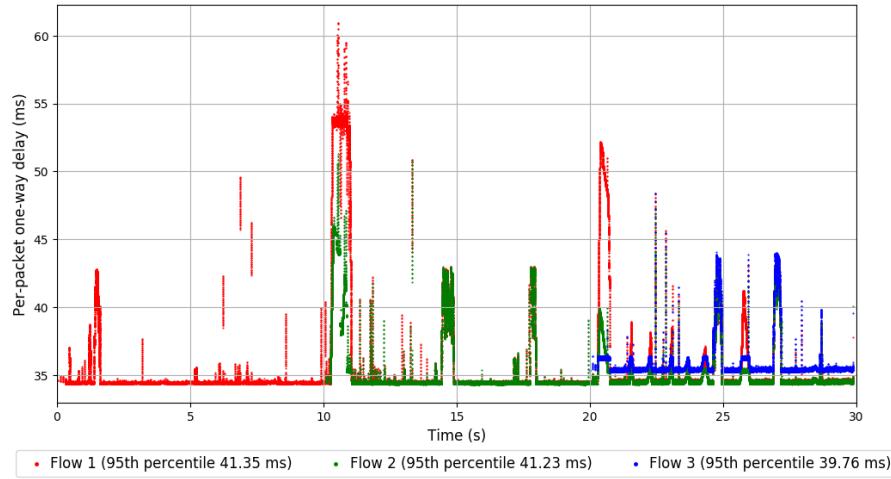
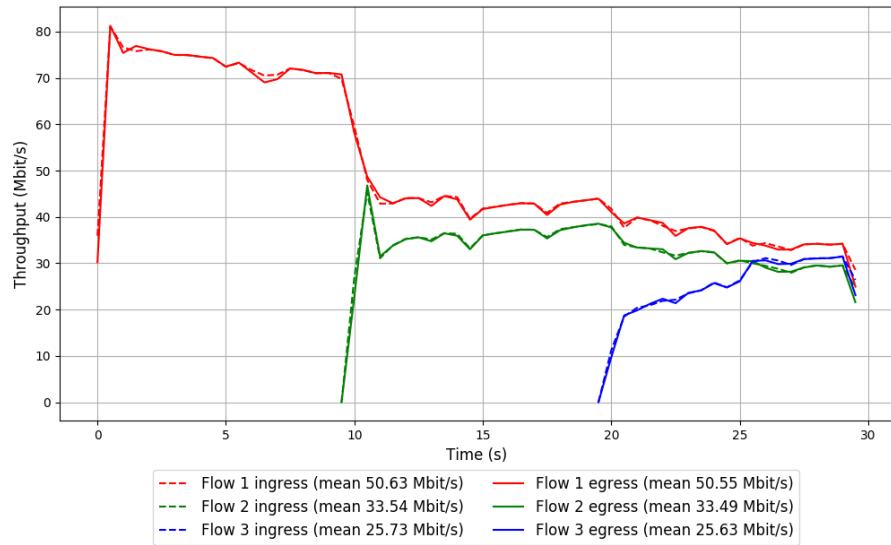


Run 6: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:27:07 +0000
End at: Mon, 10 Jul 2017 01:27:37 +0000
Local clock offset: 0.675 ms
Remote clock offset: -3.76 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:34:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 41.130 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 50.55 Mbit/s
95th percentile per-packet one-way delay: 41.350 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 33.49 Mbit/s
95th percentile per-packet one-way delay: 41.233 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 25.63 Mbit/s
95th percentile per-packet one-way delay: 39.755 ms
Loss rate: 1.22%
```

Run 6: Report of Copa — Data Link

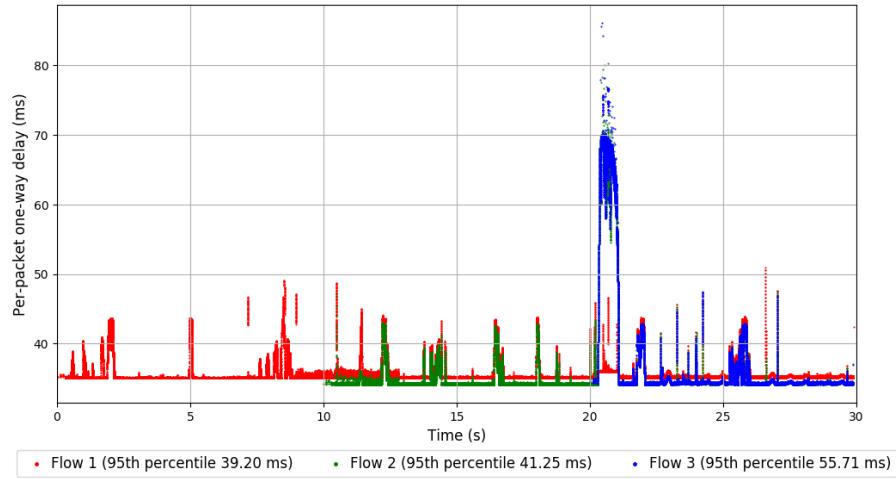
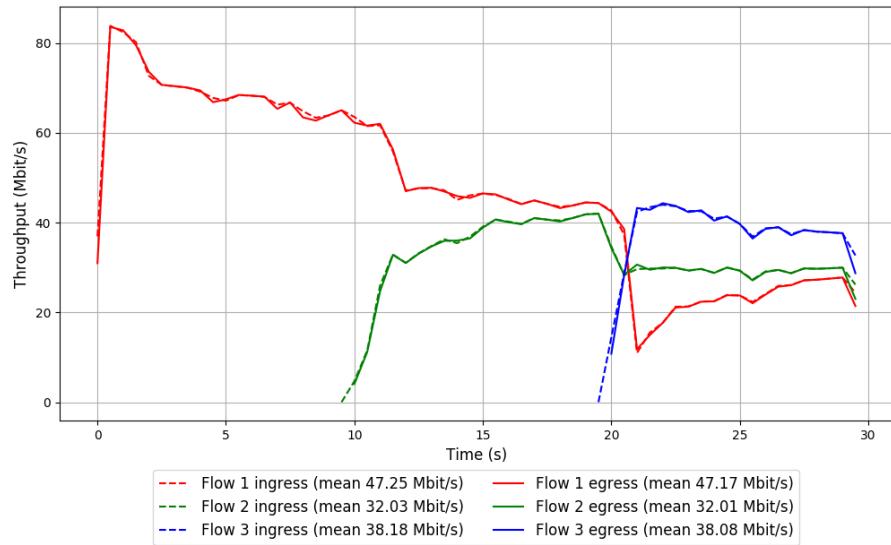


Run 7: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:47:51 +0000
End at: Mon, 10 Jul 2017 01:48:21 +0000
Local clock offset: 0.858 ms
Remote clock offset: -1.714 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:34:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.08 Mbit/s
95th percentile per-packet one-way delay: 40.364 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 47.17 Mbit/s
95th percentile per-packet one-way delay: 39.205 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 41.249 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 38.08 Mbit/s
95th percentile per-packet one-way delay: 55.707 ms
Loss rate: 1.12%
```

Run 7: Report of Copa — Data Link

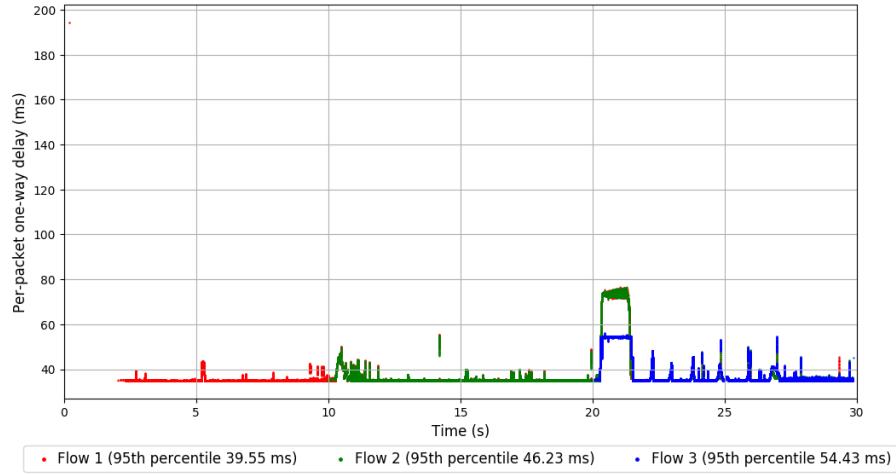
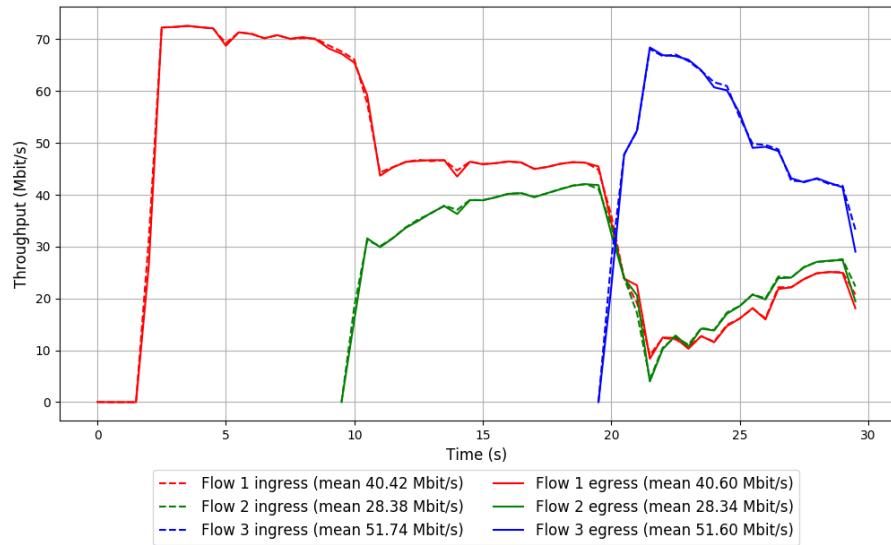


Run 8: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 02:08:33 +0000
End at: Mon, 10 Jul 2017 02:09:03 +0000
Local clock offset: 0.905 ms
Remote clock offset: -3.754 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:35:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 46.833 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 40.60 Mbit/s
95th percentile per-packet one-way delay: 39.551 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 28.34 Mbit/s
95th percentile per-packet one-way delay: 46.232 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 51.60 Mbit/s
95th percentile per-packet one-way delay: 54.430 ms
Loss rate: 1.06%
```

Run 8: Report of Copa — Data Link

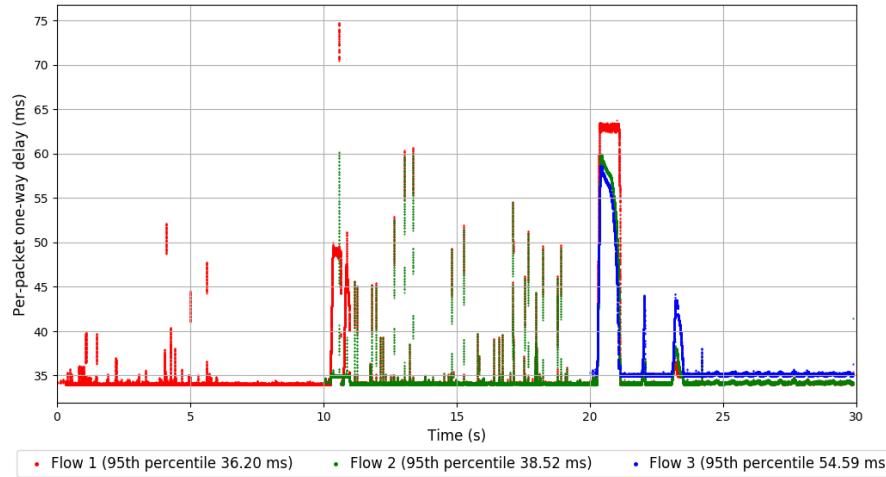
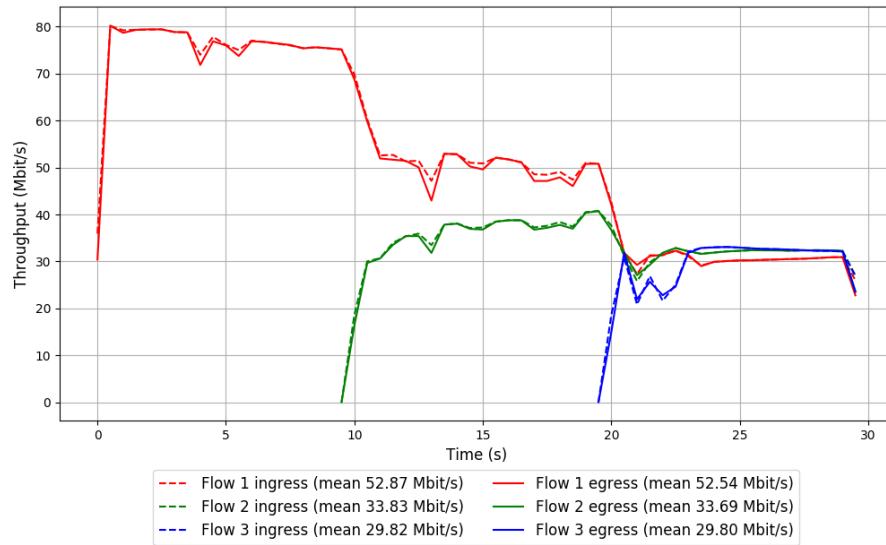


Run 9: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 02:29:06 +0000
End at: Mon, 10 Jul 2017 02:29:36 +0000
Local clock offset: 0.907 ms
Remote clock offset: -1.745 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:35:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.86 Mbit/s
95th percentile per-packet one-way delay: 41.112 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 52.54 Mbit/s
95th percentile per-packet one-way delay: 36.195 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 33.69 Mbit/s
95th percentile per-packet one-way delay: 38.522 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 54.589 ms
Loss rate: 0.94%
```

Run 9: Report of Copa — Data Link

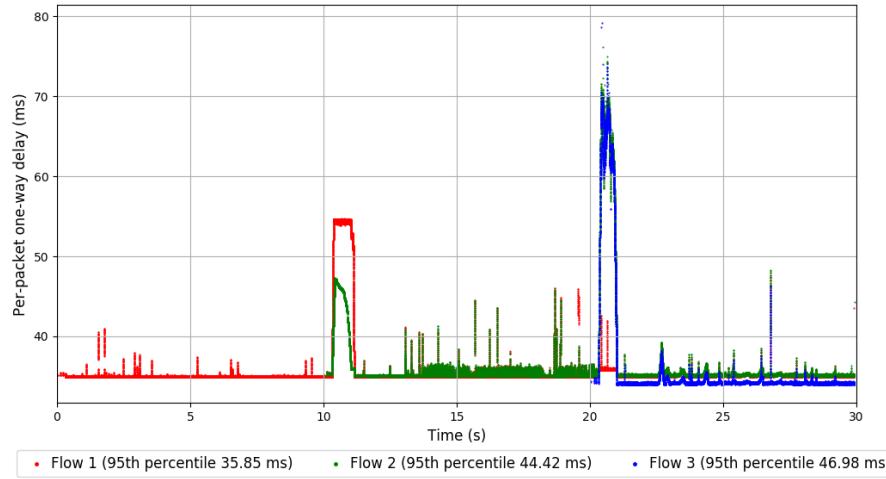
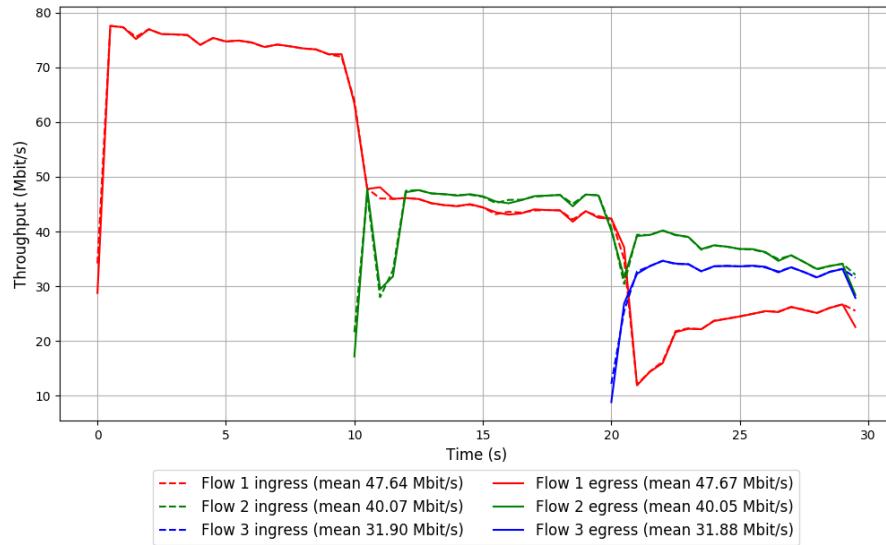


Run 10: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 02:49:46 +0000
End at: Mon, 10 Jul 2017 02:50:16 +0000
Local clock offset: 0.743 ms
Remote clock offset: -1.398 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:35:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 36.838 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 47.67 Mbit/s
95th percentile per-packet one-way delay: 35.850 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 44.416 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 46.980 ms
Loss rate: 0.93%
```

Run 10: Report of Copa — Data Link

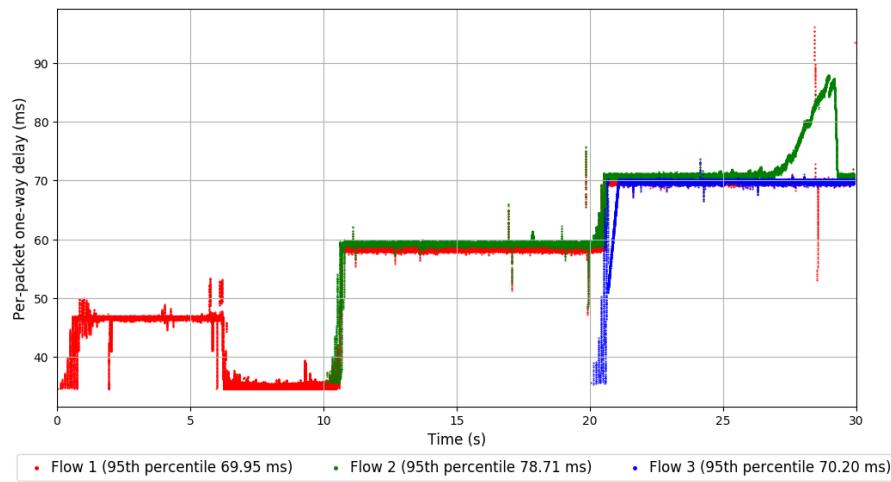
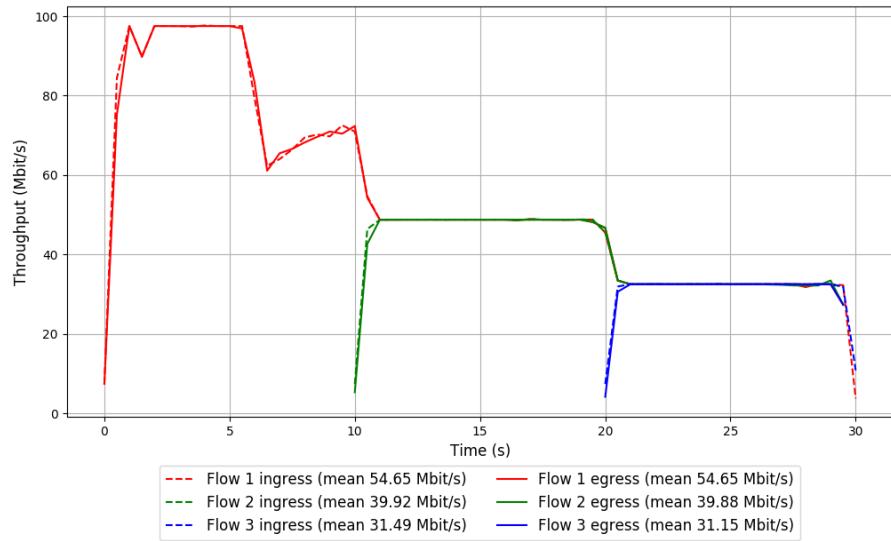


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Sun, 09 Jul 2017 23:29:25 +0000
End at: Sun, 09 Jul 2017 23:29:55 +0000
Local clock offset: 0.669 ms
Remote clock offset: -1.295 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:35:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.42 Mbit/s
95th percentile per-packet one-way delay: 71.034 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 54.65 Mbit/s
95th percentile per-packet one-way delay: 69.948 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 39.88 Mbit/s
95th percentile per-packet one-way delay: 78.707 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 70.204 ms
Loss rate: 3.13%
```

Run 1: Report of TCP Cubic — Data Link

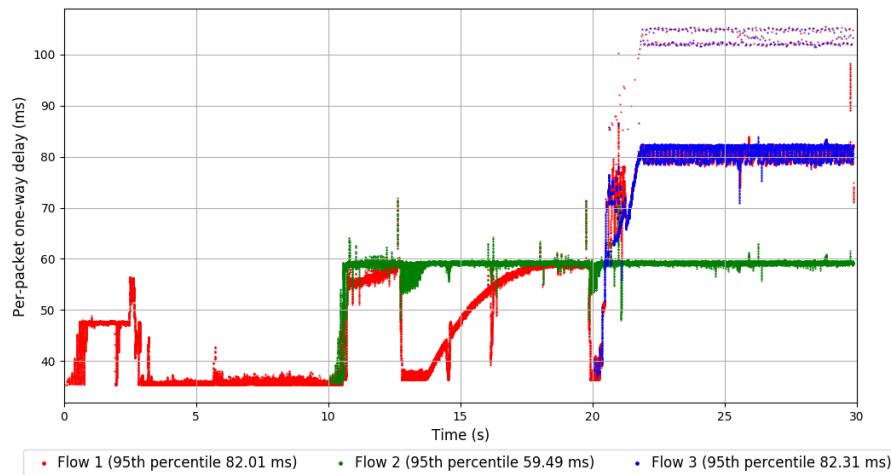
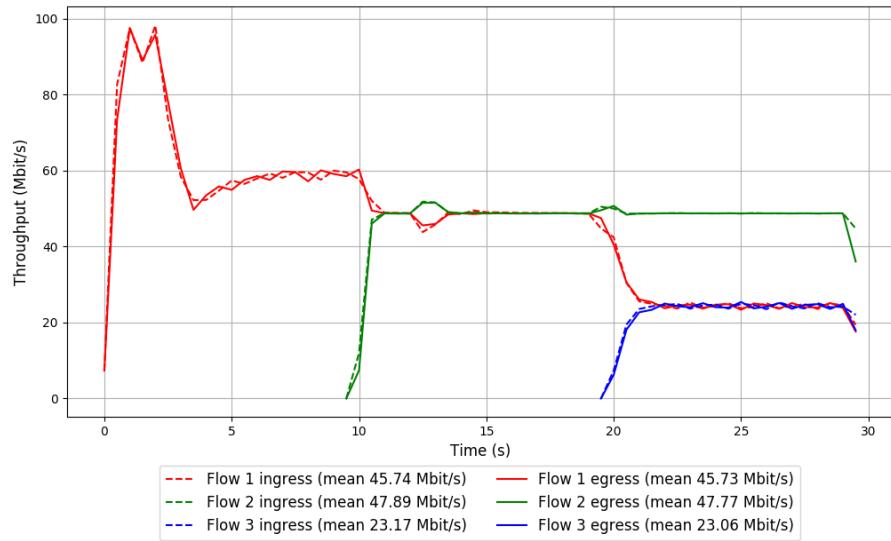


Run 2: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 23:49:54 +0000
End at: Sun, 09 Jul 2017 23:50:24 +0000
Local clock offset: 0.624 ms
Remote clock offset: -3.467 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:35:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 82.042 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 45.73 Mbit/s
95th percentile per-packet one-way delay: 82.011 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 47.77 Mbit/s
95th percentile per-packet one-way delay: 59.495 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 82.305 ms
Loss rate: 1.64%
```

Run 2: Report of TCP Cubic — Data Link

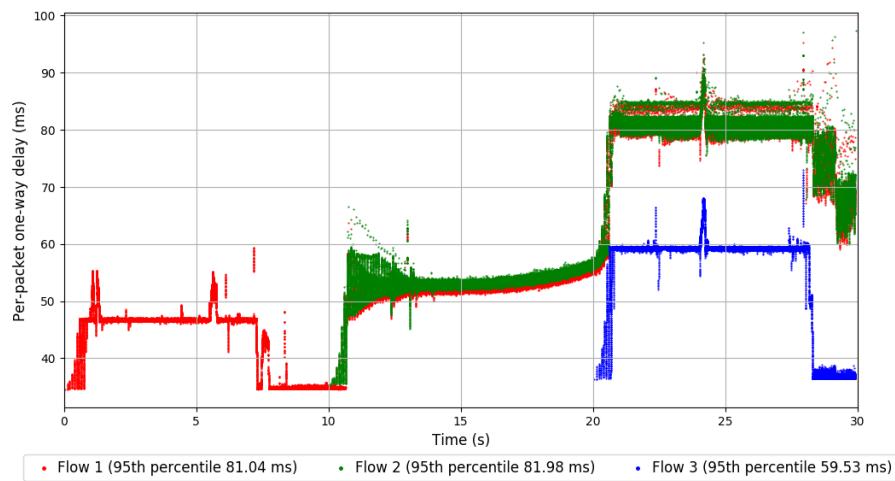
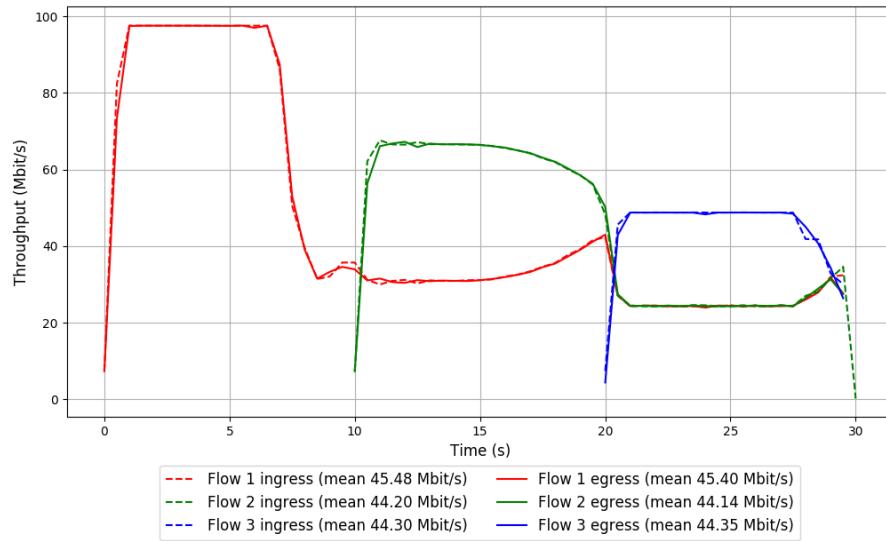


Run 3: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:10:32 +0000
End at: Mon, 10 Jul 2017 00:11:02 +0000
Local clock offset: 0.653 ms
Remote clock offset: -0.903 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:35:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.40 Mbit/s
95th percentile per-packet one-way delay: 81.193 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 81.041 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 44.14 Mbit/s
95th percentile per-packet one-way delay: 81.979 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 44.35 Mbit/s
95th percentile per-packet one-way delay: 59.530 ms
Loss rate: 0.75%
```

Run 3: Report of TCP Cubic — Data Link

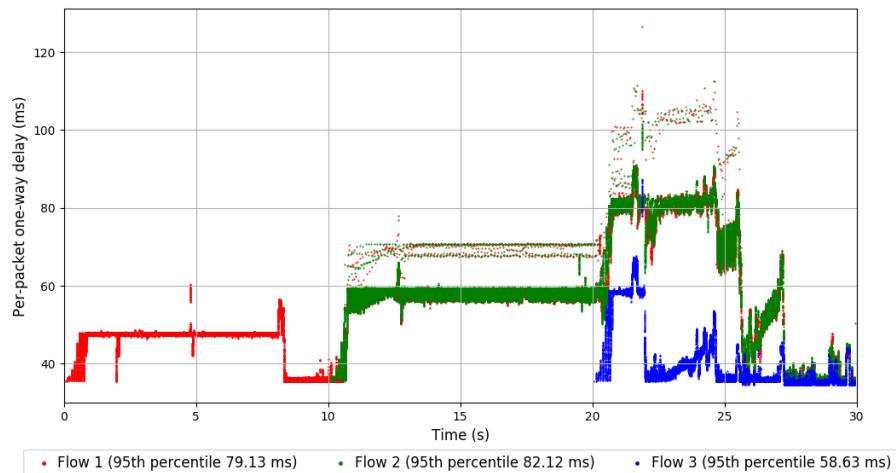
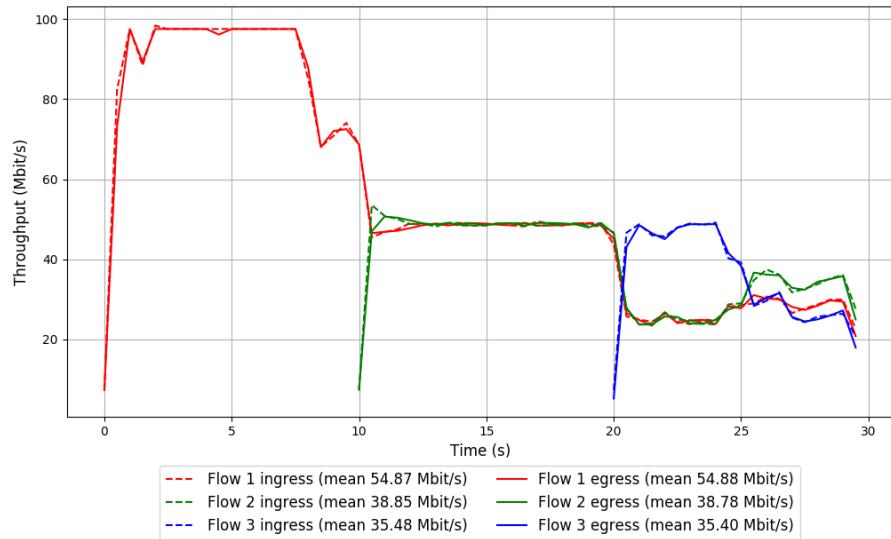


Run 4: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:31:39 +0000
End at: Mon, 10 Jul 2017 00:32:09 +0000
Local clock offset: 0.605 ms
Remote clock offset: -1.416 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:35:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 80.334 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 54.88 Mbit/s
95th percentile per-packet one-way delay: 79.128 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 38.78 Mbit/s
95th percentile per-packet one-way delay: 82.117 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 35.40 Mbit/s
95th percentile per-packet one-way delay: 58.630 ms
Loss rate: 1.09%
```

Run 4: Report of TCP Cubic — Data Link

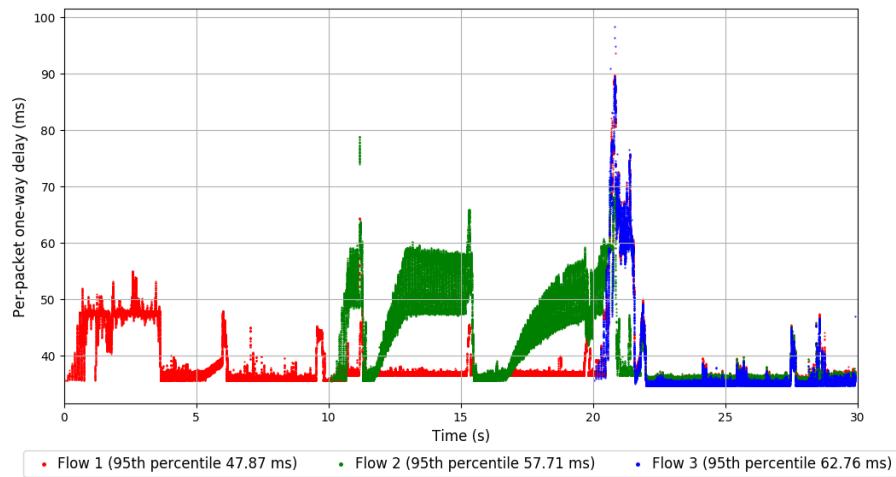
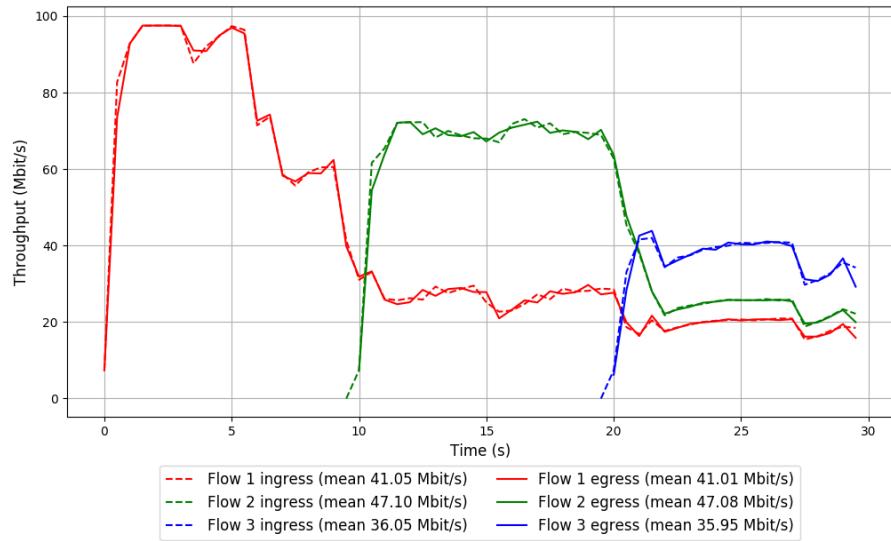


Run 5: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:52:31 +0000
End at: Mon, 10 Jul 2017 00:53:01 +0000
Local clock offset: 0.511 ms
Remote clock offset: -3.499 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:35:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 56.647 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 47.870 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 47.08 Mbit/s
95th percentile per-packet one-way delay: 57.712 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 35.95 Mbit/s
95th percentile per-packet one-way delay: 62.761 ms
Loss rate: 1.05%
```

Run 5: Report of TCP Cubic — Data Link

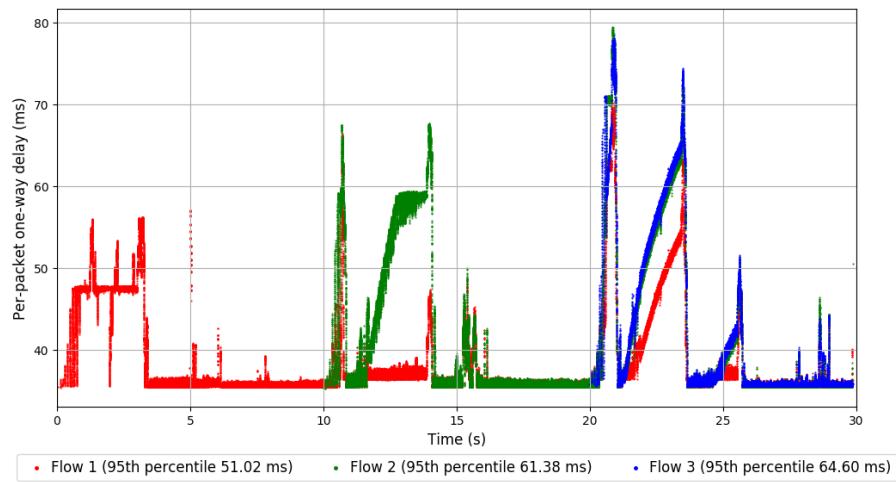
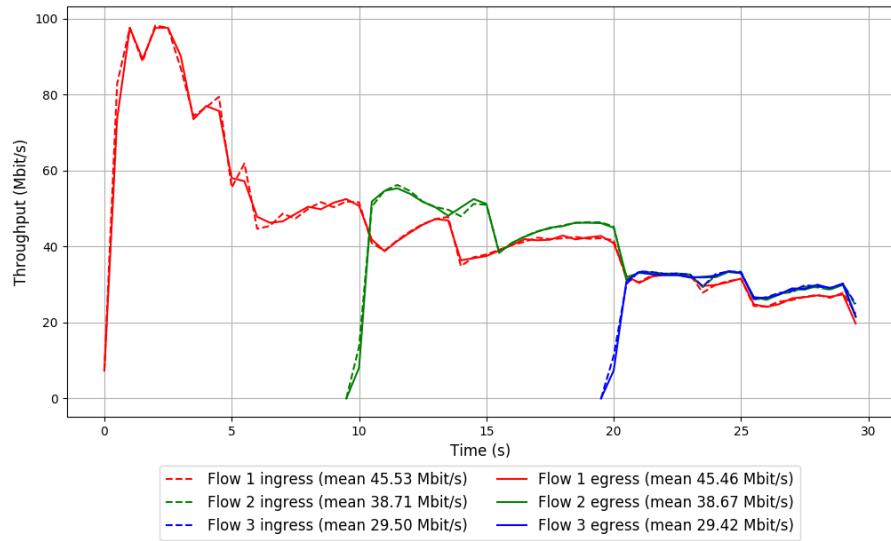


Run 6: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:13:18 +0000
End at: Mon, 10 Jul 2017 01:13:48 +0000
Local clock offset: 0.661 ms
Remote clock offset: -1.088 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.98 Mbit/s
95th percentile per-packet one-way delay: 58.844 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 45.46 Mbit/s
95th percentile per-packet one-way delay: 51.016 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 61.381 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 64.601 ms
Loss rate: 1.13%
```

Run 6: Report of TCP Cubic — Data Link

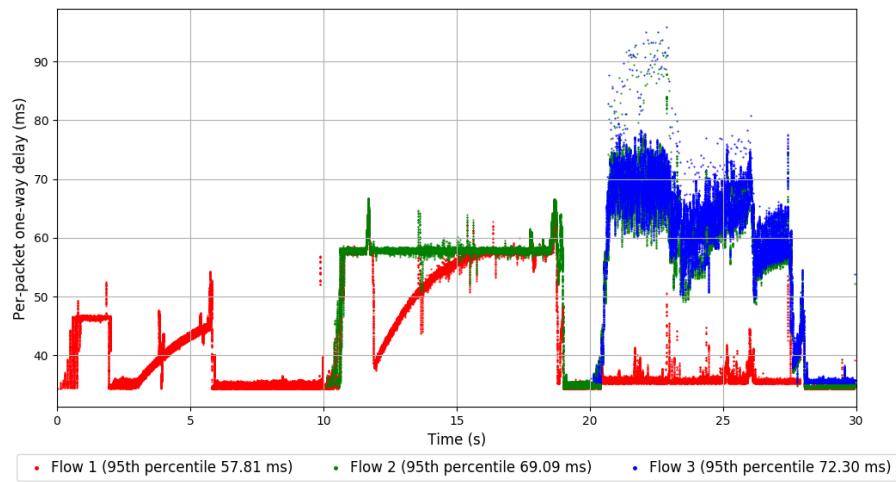
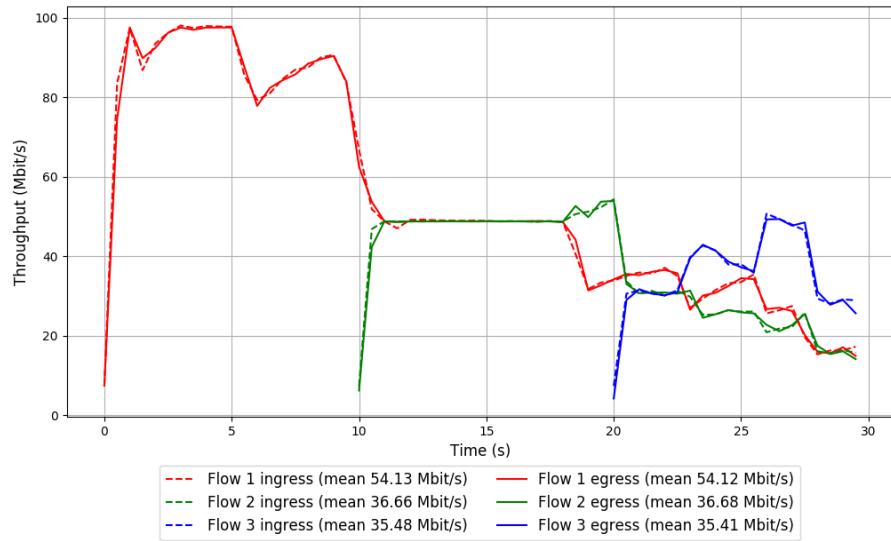


Run 7: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:34:06 +0000
End at: Mon, 10 Jul 2017 01:34:36 +0000
Local clock offset: 0.703 ms
Remote clock offset: -3.613 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.21 Mbit/s
95th percentile per-packet one-way delay: 67.094 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 57.808 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 69.089 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 35.41 Mbit/s
95th percentile per-packet one-way delay: 72.304 ms
Loss rate: 0.90%
```

Run 7: Report of TCP Cubic — Data Link

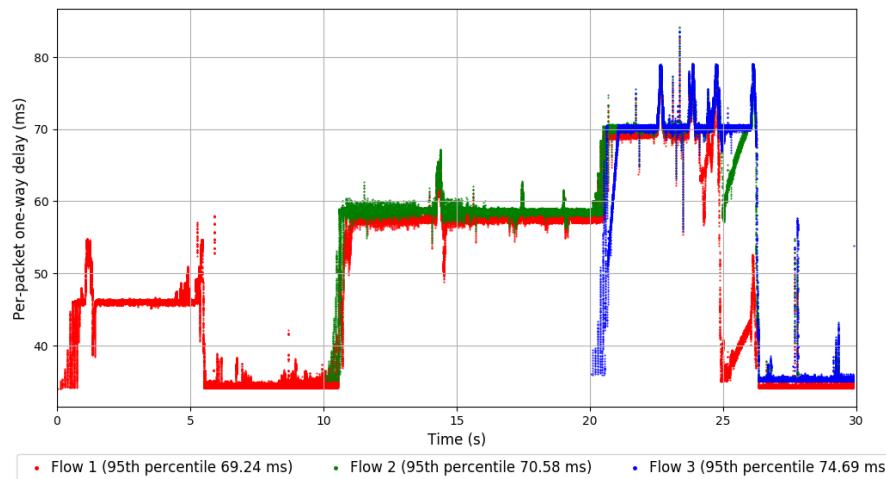
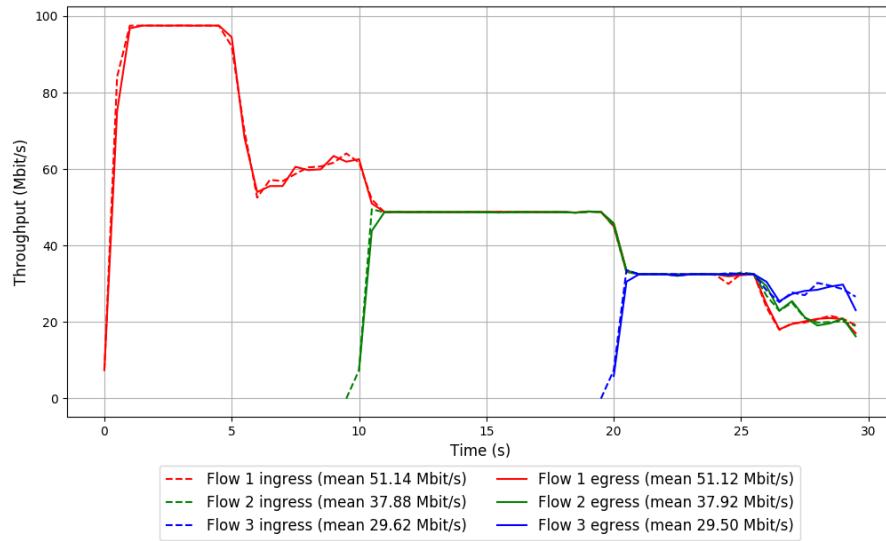


Run 8: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:54:51 +0000
End at: Mon, 10 Jul 2017 01:55:21 +0000
Local clock offset: 0.789 ms
Remote clock offset: -3.728 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 70.472 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 51.12 Mbit/s
95th percentile per-packet one-way delay: 69.236 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 37.92 Mbit/s
95th percentile per-packet one-way delay: 70.578 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 29.50 Mbit/s
95th percentile per-packet one-way delay: 74.693 ms
Loss rate: 1.07%
```

Run 8: Report of TCP Cubic — Data Link

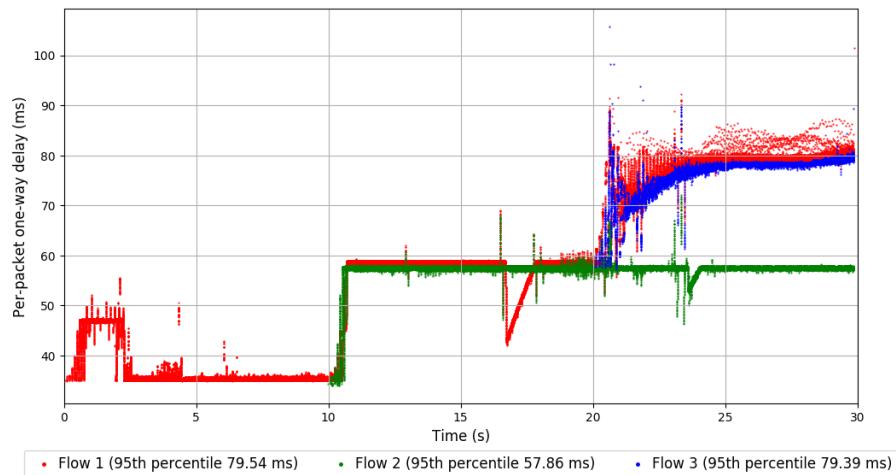
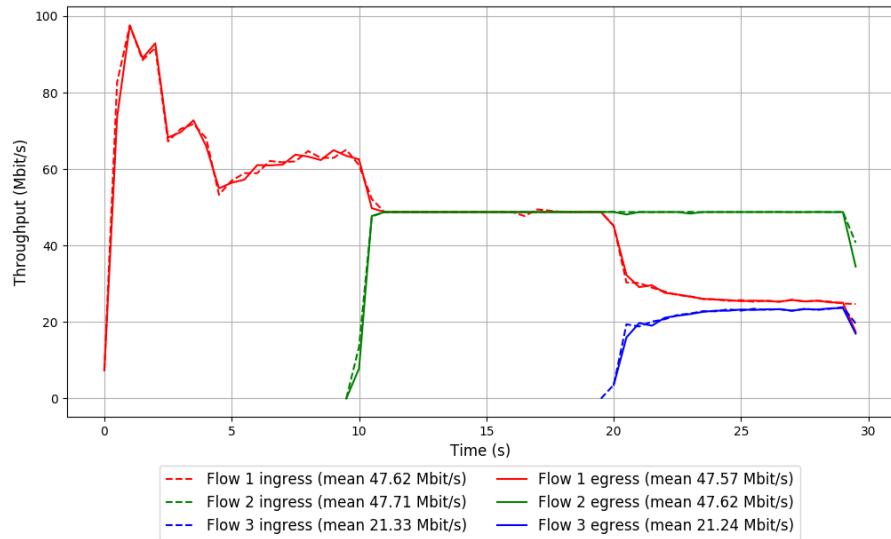


Run 9: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 02:15:27 +0000
End at: Mon, 10 Jul 2017 02:15:57 +0000
Local clock offset: 0.929 ms
Remote clock offset: -1.271 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 79.125 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 47.57 Mbit/s
95th percentile per-packet one-way delay: 79.544 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 47.62 Mbit/s
95th percentile per-packet one-way delay: 57.857 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 21.24 Mbit/s
95th percentile per-packet one-way delay: 79.393 ms
Loss rate: 1.55%
```

Run 9: Report of TCP Cubic — Data Link

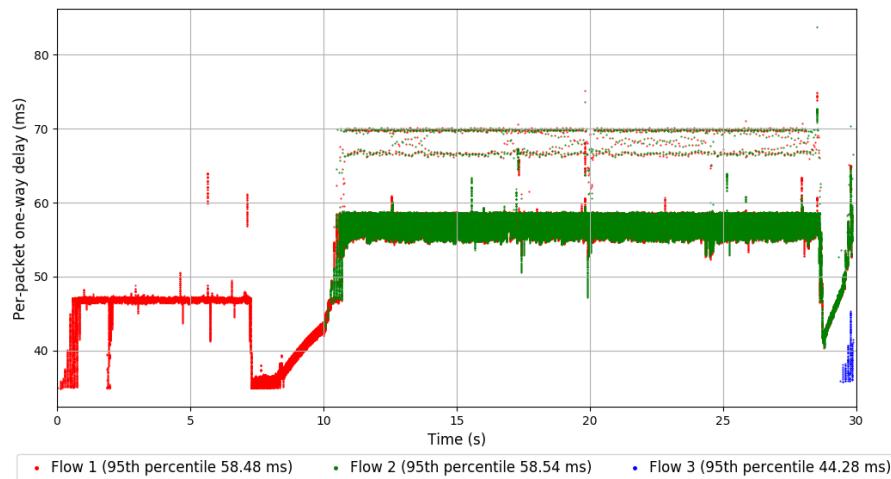
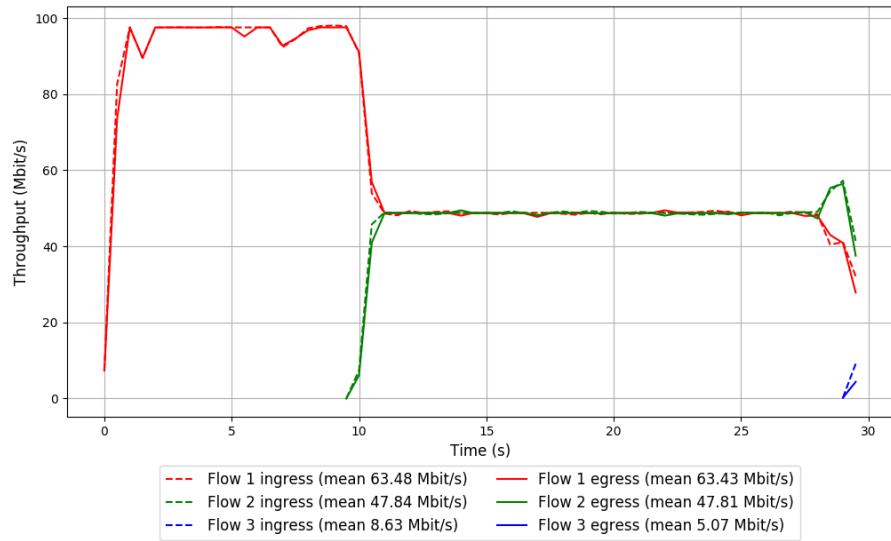


Run 10: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 02:36:04 +0000
End at: Mon, 10 Jul 2017 02:36:34 +0000
Local clock offset: 0.926 ms
Remote clock offset: -1.818 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.33 Mbit/s
95th percentile per-packet one-way delay: 58.502 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 63.43 Mbit/s
95th percentile per-packet one-way delay: 58.477 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 58.541 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 5.07 Mbit/s
95th percentile per-packet one-way delay: 44.284 ms
Loss rate: 50.74%
```

Run 10: Report of TCP Cubic — Data Link

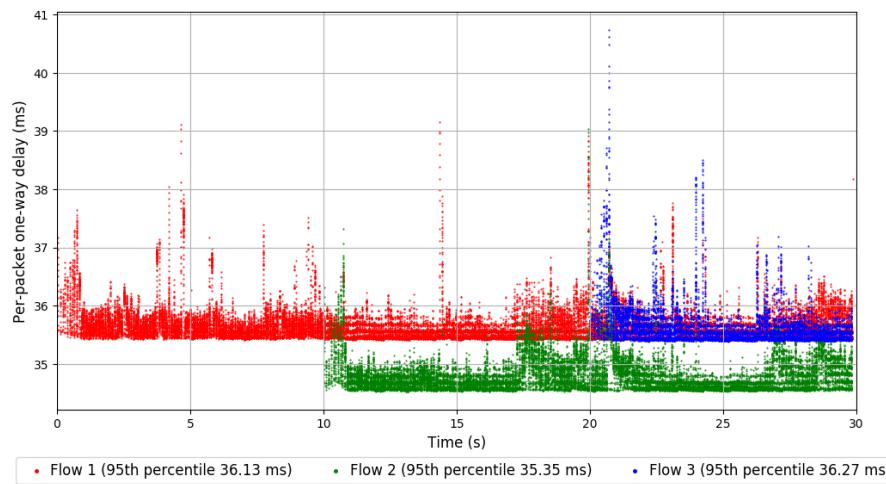
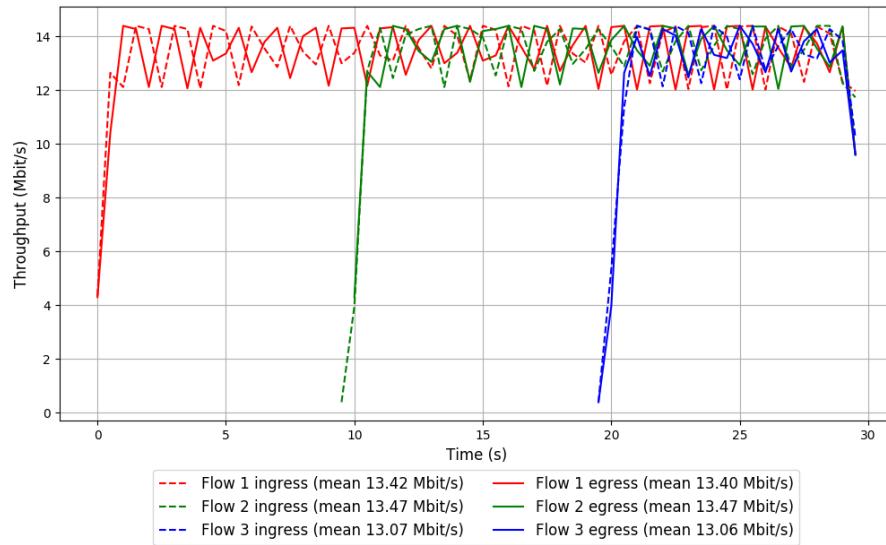


```
Run 1: Statistics of KohoCC
```

```
Start at: Sun, 09 Jul 2017 23:44:22 +0000
End at: Sun, 09 Jul 2017 23:44:52 +0000
Local clock offset: 0.596 ms
Remote clock offset: -1.611 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 36.036 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 36.127 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 13.47 Mbit/s
95th percentile per-packet one-way delay: 35.354 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 36.267 ms
Loss rate: 0.92%
```

Run 1: Report of KohoCC — Data Link

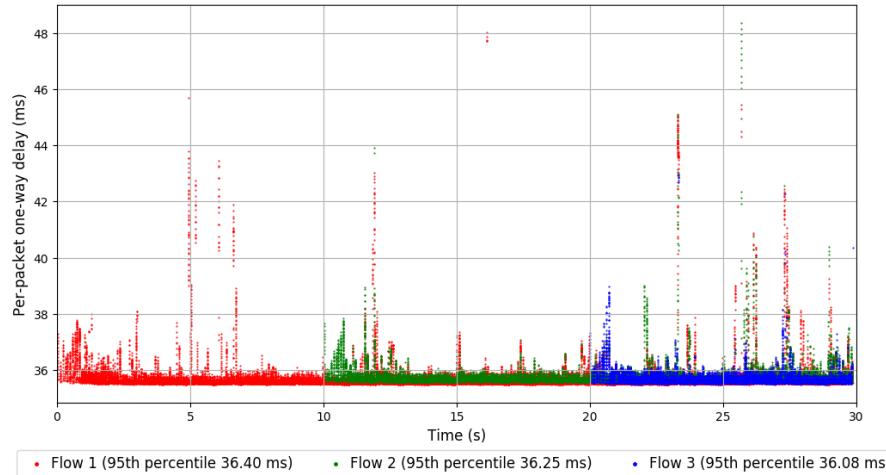
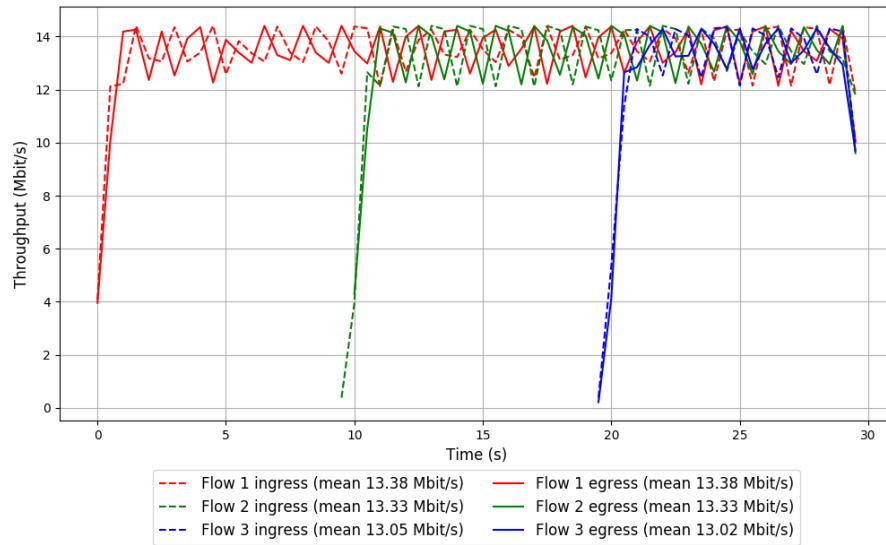


Run 2: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:05:04 +0000
End at: Mon, 10 Jul 2017 00:05:34 +0000
Local clock offset: 0.721 ms
Remote clock offset: -0.977 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 36.287 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 36.398 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 13.33 Mbit/s
95th percentile per-packet one-way delay: 36.247 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 36.076 ms
Loss rate: 0.92%
```

Run 2: Report of KohoCC — Data Link

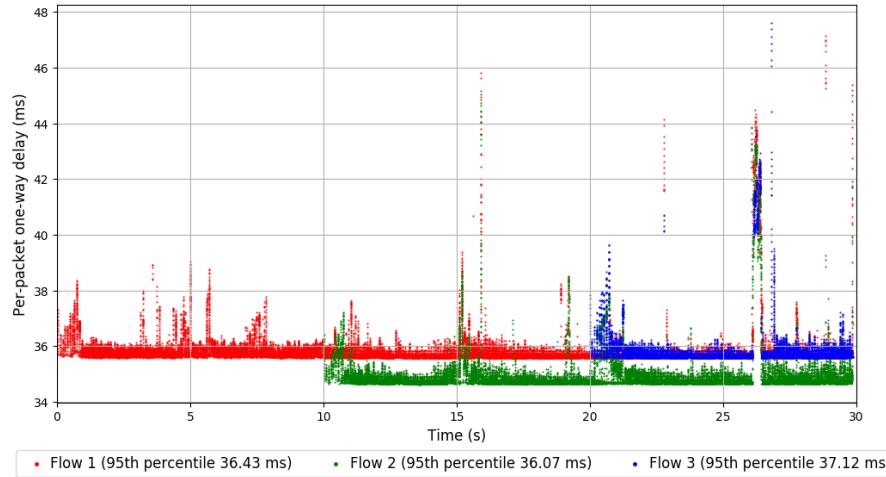
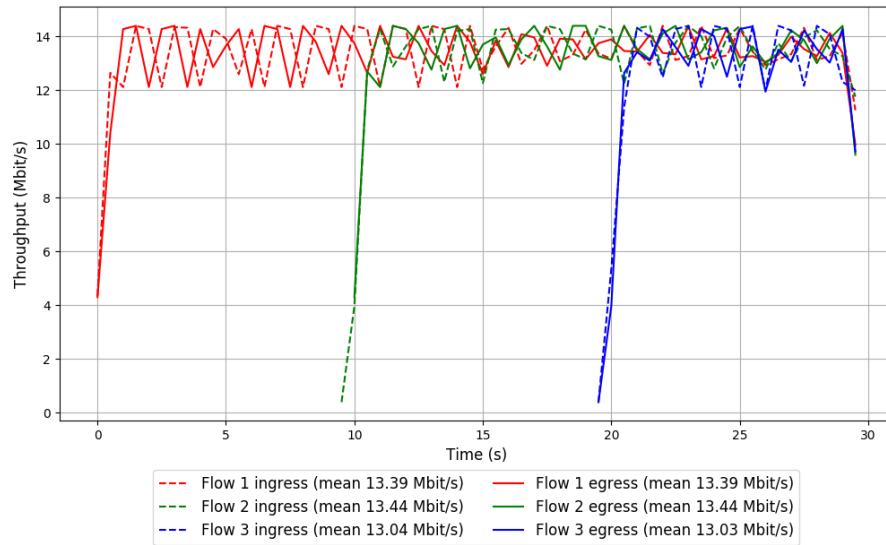


Run 3: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:26:10 +0000
End at: Mon, 10 Jul 2017 00:26:40 +0000
Local clock offset: 0.628 ms
Remote clock offset: -1.468 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 36.421 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 36.432 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 36.069 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 37.118 ms
Loss rate: 0.92%
```

Run 3: Report of KohoCC — Data Link

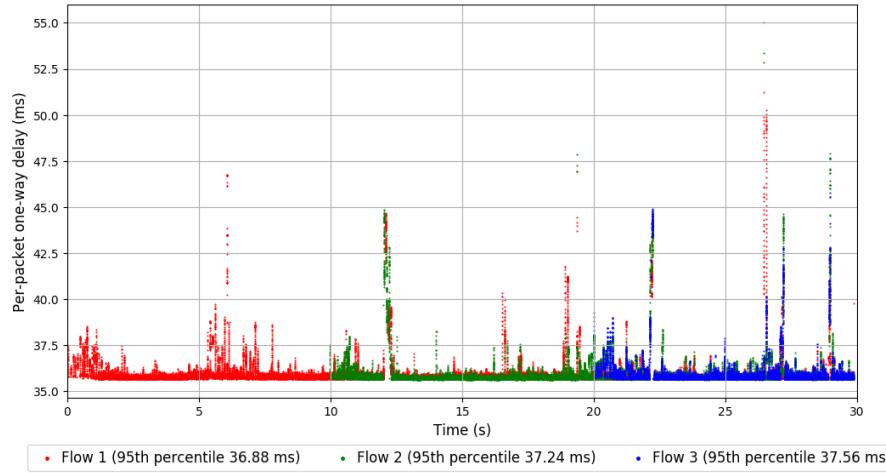
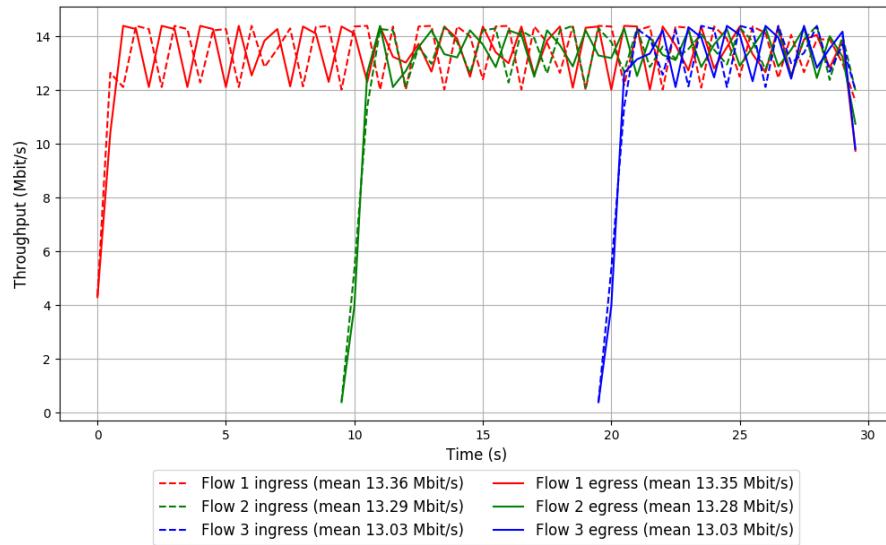


Run 4: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:47:01 +0000
End at: Mon, 10 Jul 2017 00:47:31 +0000
Local clock offset: 0.608 ms
Remote clock offset: -1.45 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 37.112 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 13.35 Mbit/s
95th percentile per-packet one-way delay: 36.881 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 37.239 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 37.565 ms
Loss rate: 0.94%
```

Run 4: Report of KohoCC — Data Link

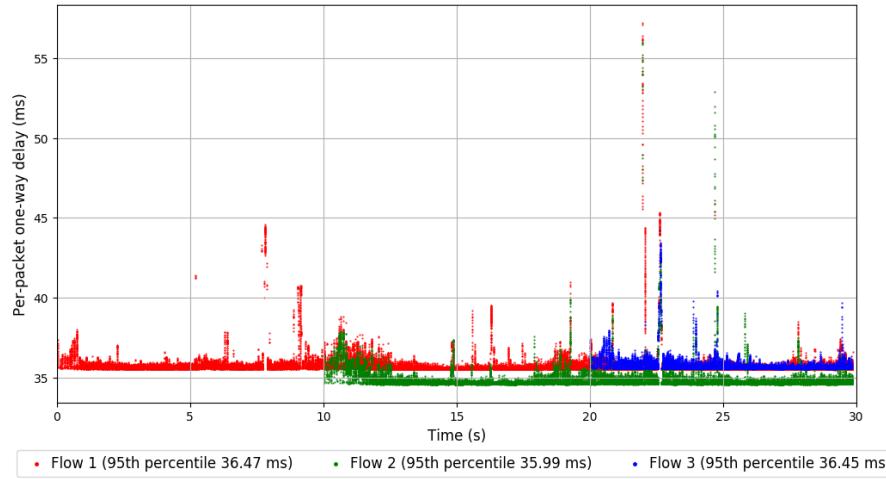
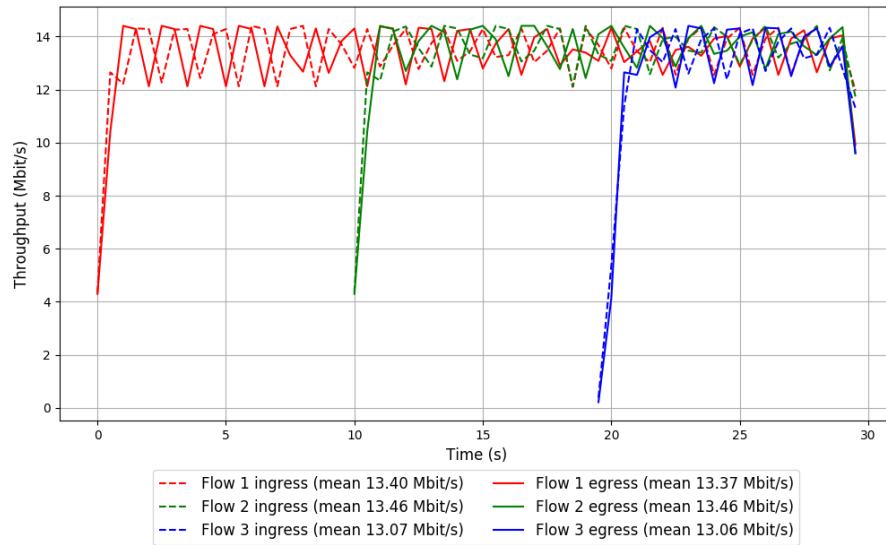


Run 5: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:07:50 +0000
End at: Mon, 10 Jul 2017 01:08:20 +0000
Local clock offset: 0.64 ms
Remote clock offset: -1.053 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 36.356 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 13.37 Mbit/s
95th percentile per-packet one-way delay: 36.465 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 35.987 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 36.448 ms
Loss rate: 0.93%
```

Run 5: Report of KohoCC — Data Link

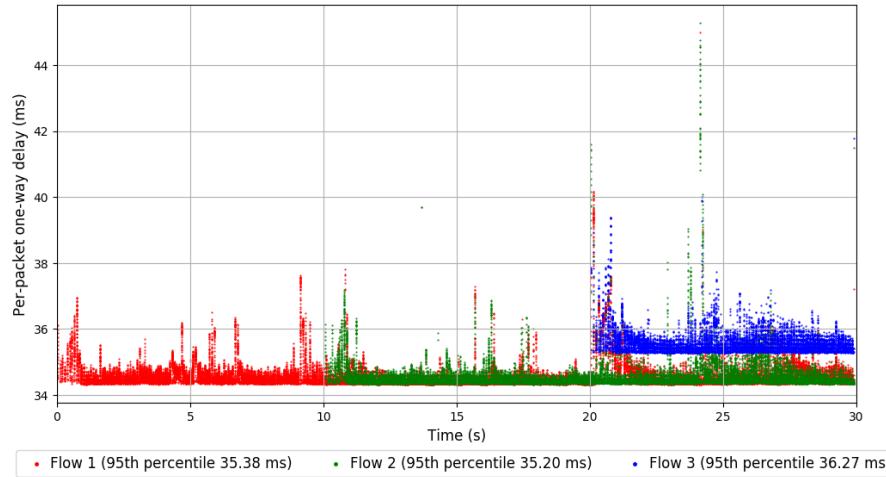
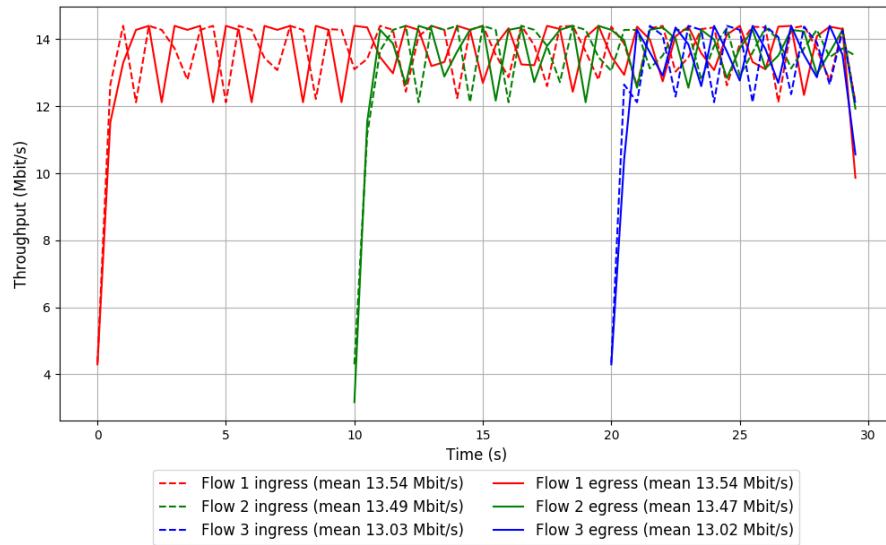


Run 6: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:28:36 +0000
End at: Mon, 10 Jul 2017 01:29:06 +0000
Local clock offset: 0.778 ms
Remote clock offset: -1.192 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 35.800 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 35.381 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 13.47 Mbit/s
95th percentile per-packet one-way delay: 35.198 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 36.268 ms
Loss rate: 0.92%
```

Run 6: Report of KohoCC — Data Link

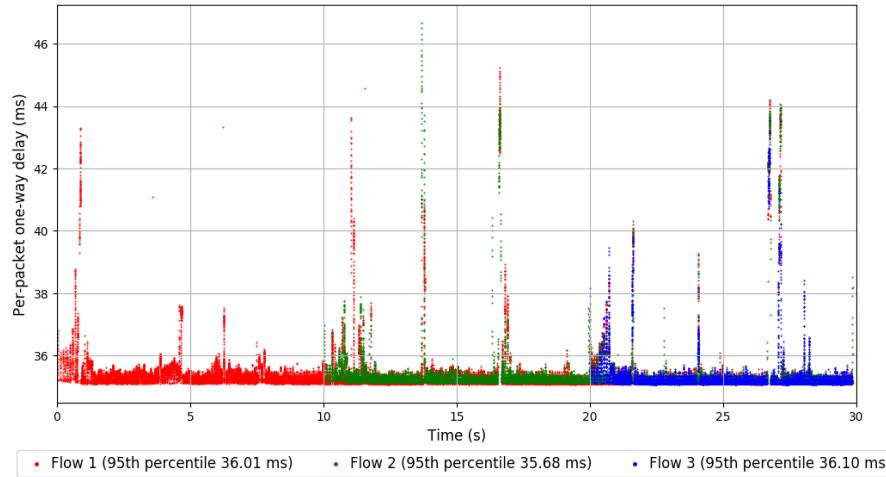
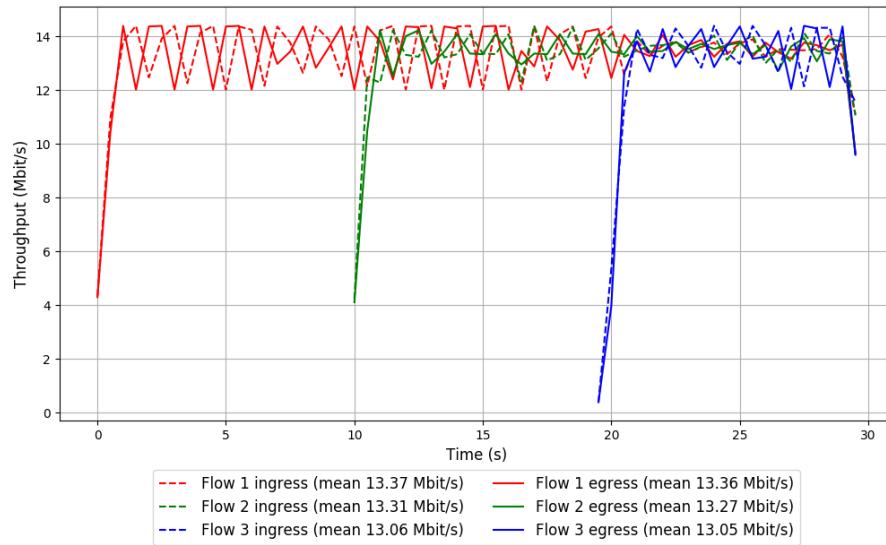


Run 7: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:49:19 +0000
End at: Mon, 10 Jul 2017 01:49:49 +0000
Local clock offset: 0.863 ms
Remote clock offset: -1.679 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.49 Mbit/s
95th percentile per-packet one-way delay: 35.922 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 13.36 Mbit/s
95th percentile per-packet one-way delay: 36.006 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 13.27 Mbit/s
95th percentile per-packet one-way delay: 35.679 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 36.105 ms
Loss rate: 0.96%
```

Run 7: Report of KohoCC — Data Link

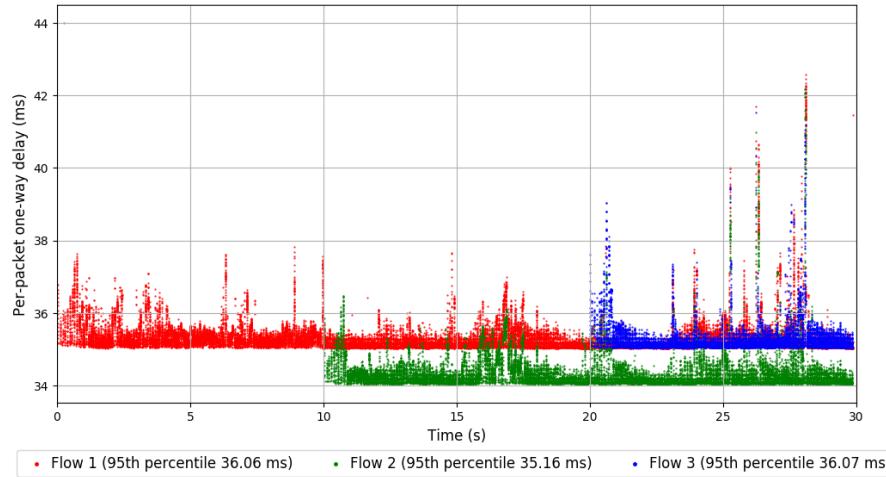
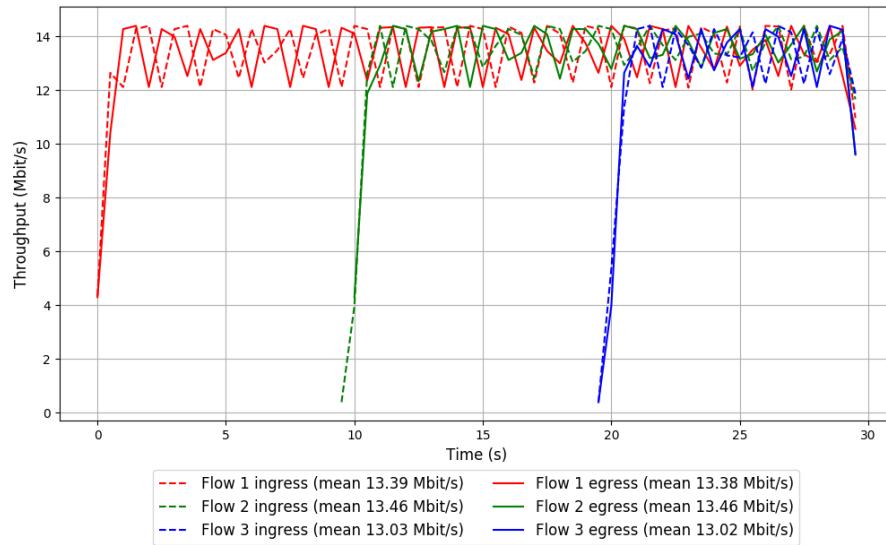


Run 8: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 02:09:59 +0000
End at: Mon, 10 Jul 2017 02:10:29 +0000
Local clock offset: 0.917 ms
Remote clock offset: -1.842 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 35.870 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 36.057 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 13.46 Mbit/s
95th percentile per-packet one-way delay: 35.164 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 36.070 ms
Loss rate: 0.93%
```

Run 8: Report of KohoCC — Data Link

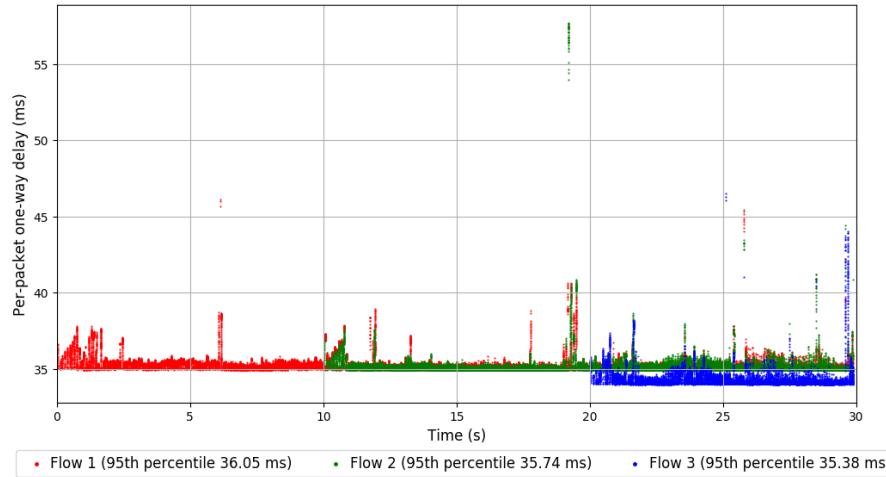
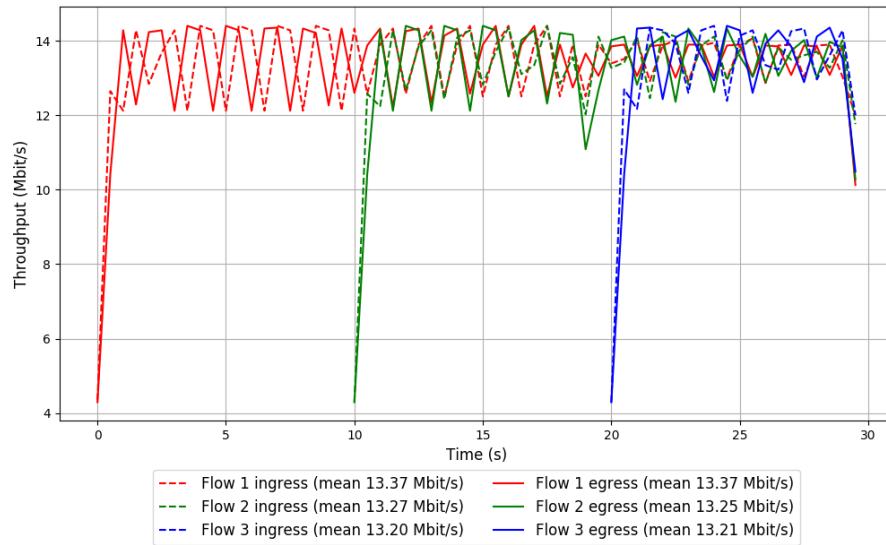


Run 9: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 02:30:34 +0000
End at: Mon, 10 Jul 2017 02:31:04 +0000
Local clock offset: 0.938 ms
Remote clock offset: -1.249 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 35.833 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 13.37 Mbit/s
95th percentile per-packet one-way delay: 36.052 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 35.736 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 13.21 Mbit/s
95th percentile per-packet one-way delay: 35.380 ms
Loss rate: 0.92%
```

Run 9: Report of KohoCC — Data Link

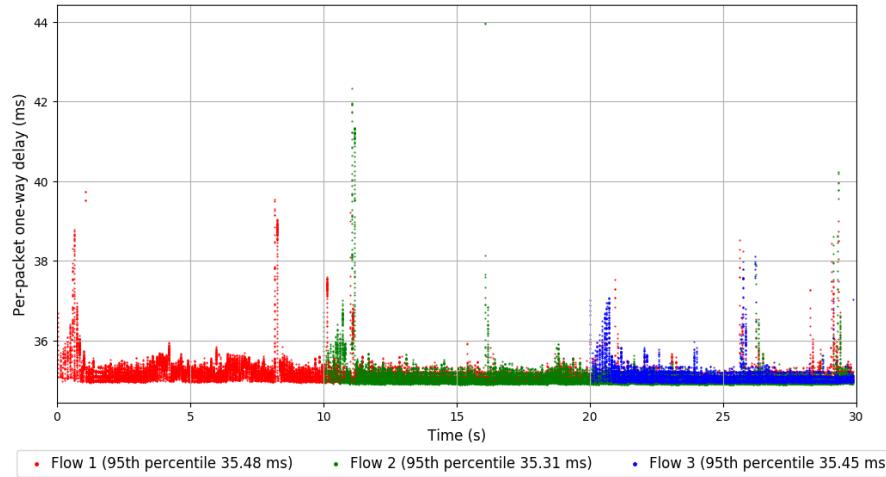
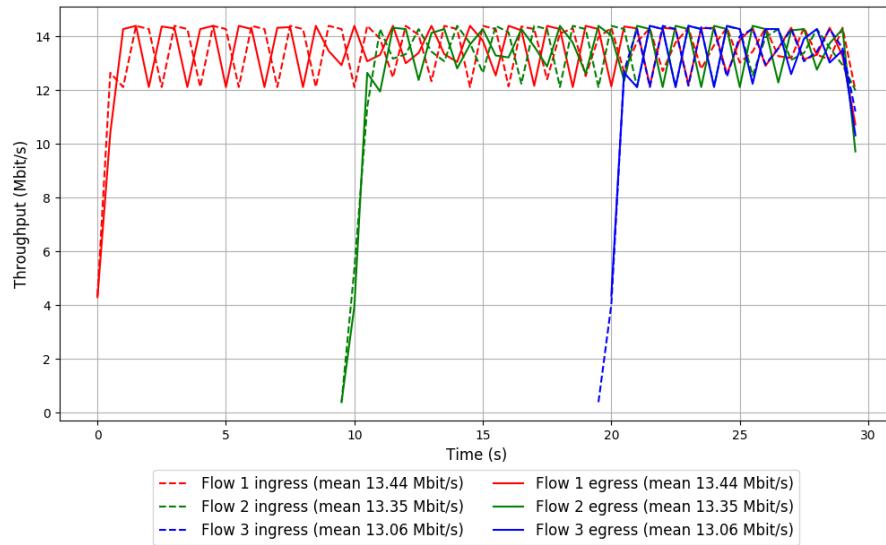


Run 10: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 02:51:14 +0000
End at: Mon, 10 Jul 2017 02:51:44 +0000
Local clock offset: 0.752 ms
Remote clock offset: -4.014 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.64 Mbit/s
95th percentile per-packet one-way delay: 35.445 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 35.477 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 13.35 Mbit/s
95th percentile per-packet one-way delay: 35.313 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 35.447 ms
Loss rate: 0.89%
```

Run 10: Report of KohoCC — Data Link

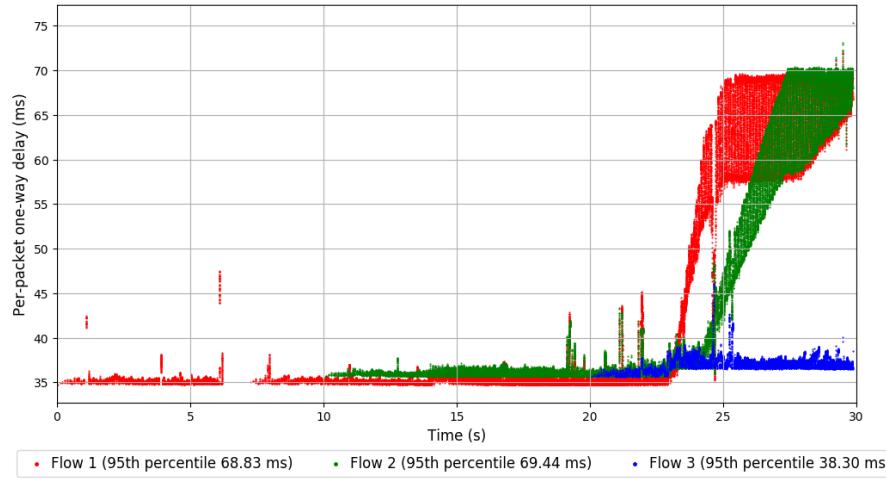
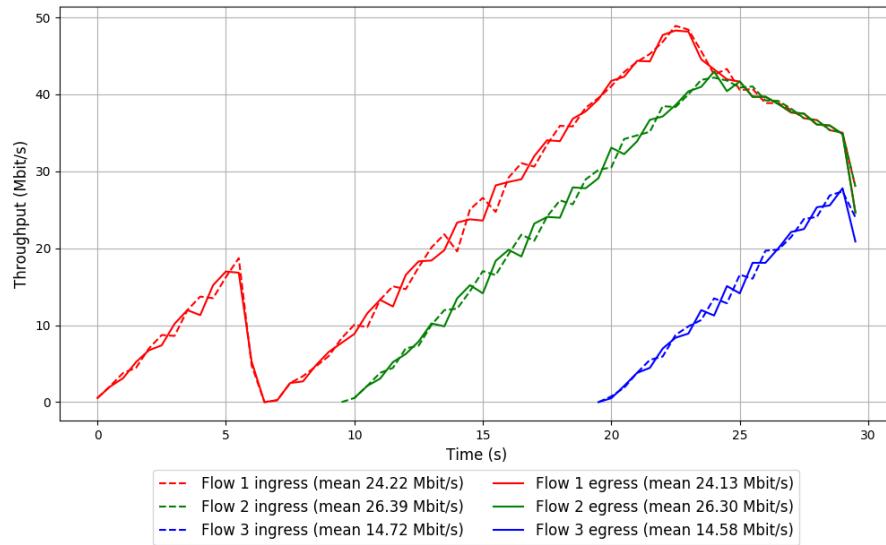


Run 1: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:26:38 +0000
End at: Sun, 09 Jul 2017 23:27:08 +0000
Local clock offset: 0.56 ms
Remote clock offset: -0.735 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.46 Mbit/s
95th percentile per-packet one-way delay: 68.873 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 68.826 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 26.30 Mbit/s
95th percentile per-packet one-way delay: 69.438 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 38.297 ms
Loss rate: 1.77%
```

Run 1: Report of LEDBAT — Data Link

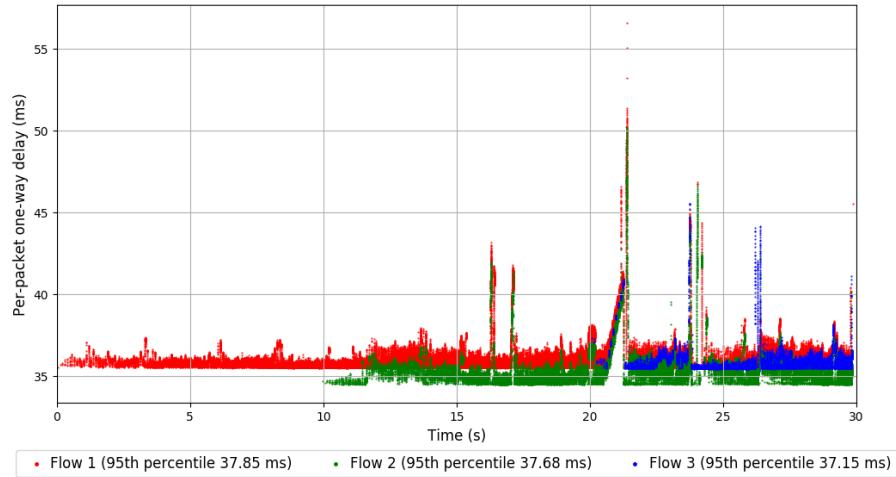
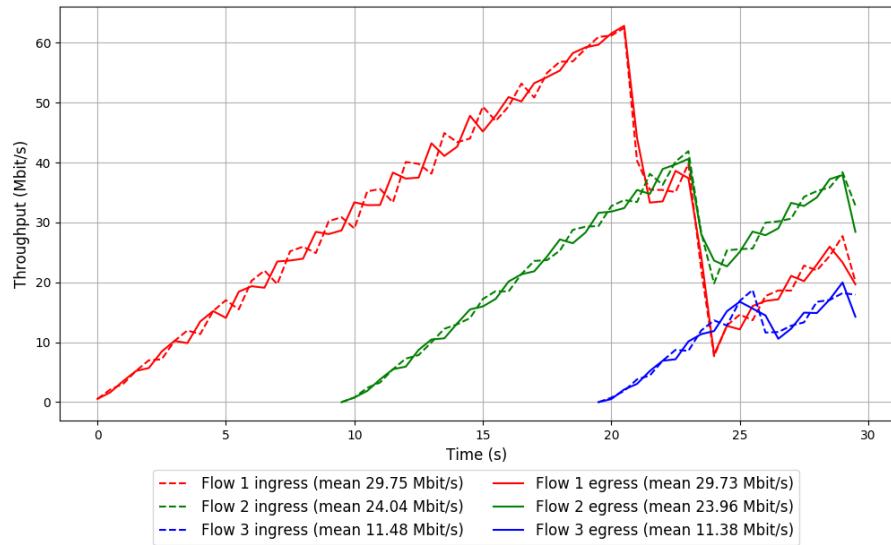


Run 2: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:47:06 +0000
End at: Sun, 09 Jul 2017 23:47:36 +0000
Local clock offset: 0.691 ms
Remote clock offset: -1.012 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.47 Mbit/s
95th percentile per-packet one-way delay: 37.767 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 29.73 Mbit/s
95th percentile per-packet one-way delay: 37.855 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 37.683 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 37.150 ms
Loss rate: 1.78%
```

Run 2: Report of LEDBAT — Data Link

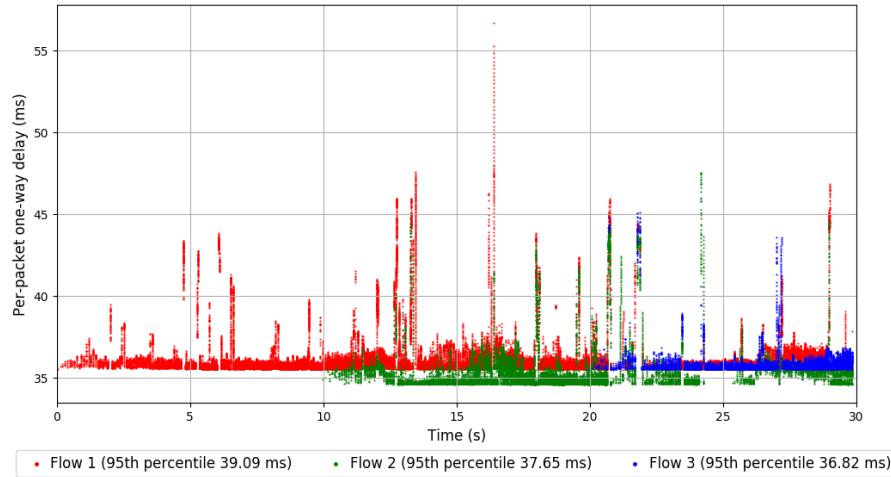
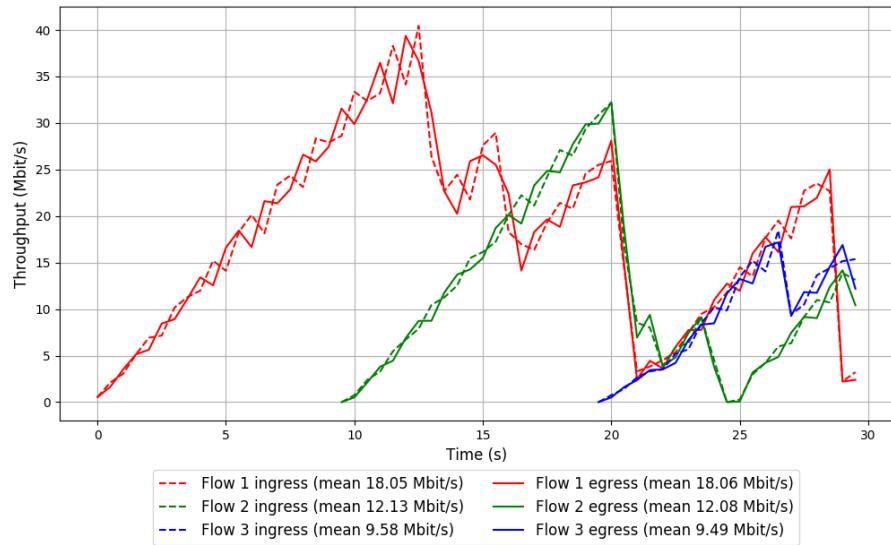


Run 3: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:07:46 +0000
End at: Mon, 10 Jul 2017 00:08:16 +0000
Local clock offset: 0.657 ms
Remote clock offset: -1.324 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:36:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.24 Mbit/s
95th percentile per-packet one-way delay: 38.488 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 18.06 Mbit/s
95th percentile per-packet one-way delay: 39.085 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 37.651 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 36.816 ms
Loss rate: 1.82%
```

Run 3: Report of LEDBAT — Data Link

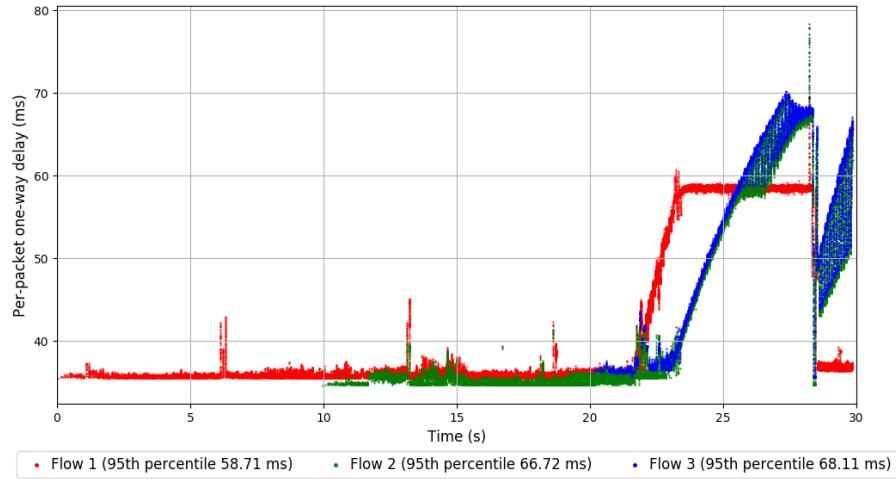
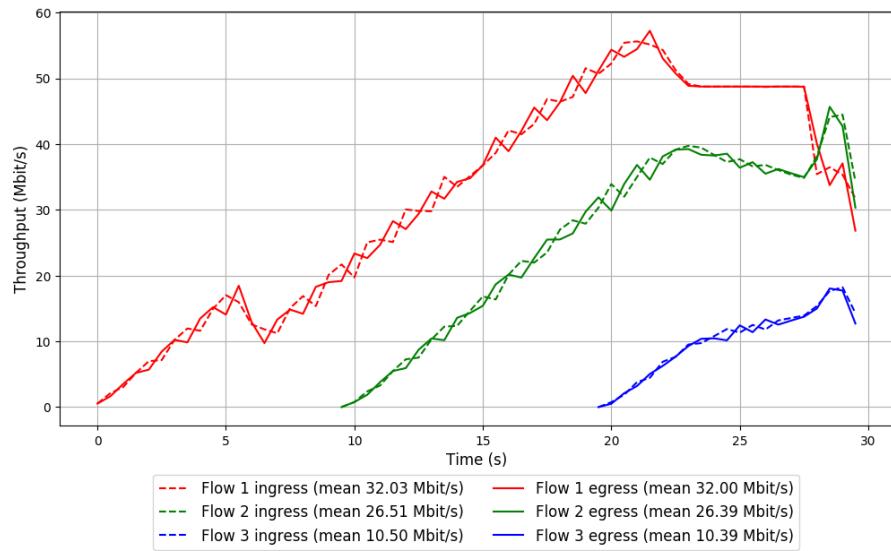


Run 4: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:28:52 +0000
End at: Mon, 10 Jul 2017 00:29:22 +0000
Local clock offset: 0.731 ms
Remote clock offset: -3.49 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 64.020 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 58.708 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 66.719 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 10.39 Mbit/s
95th percentile per-packet one-way delay: 68.108 ms
Loss rate: 1.91%
```

Run 4: Report of LEDBAT — Data Link

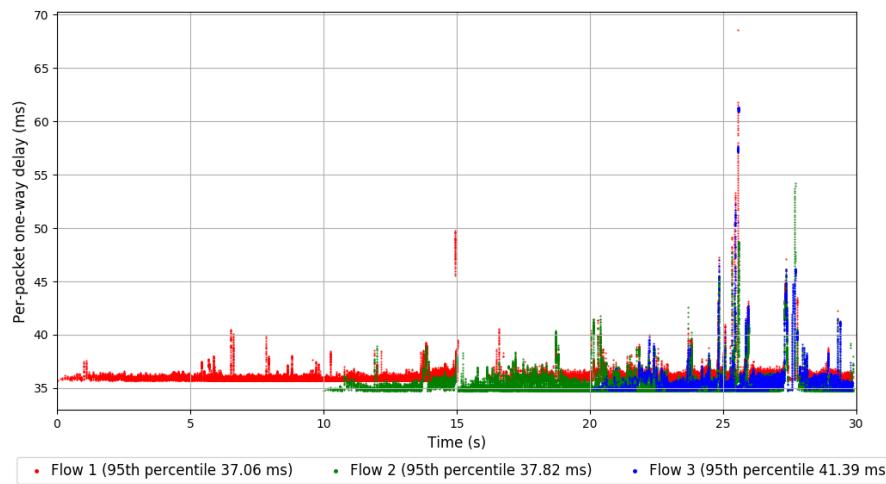
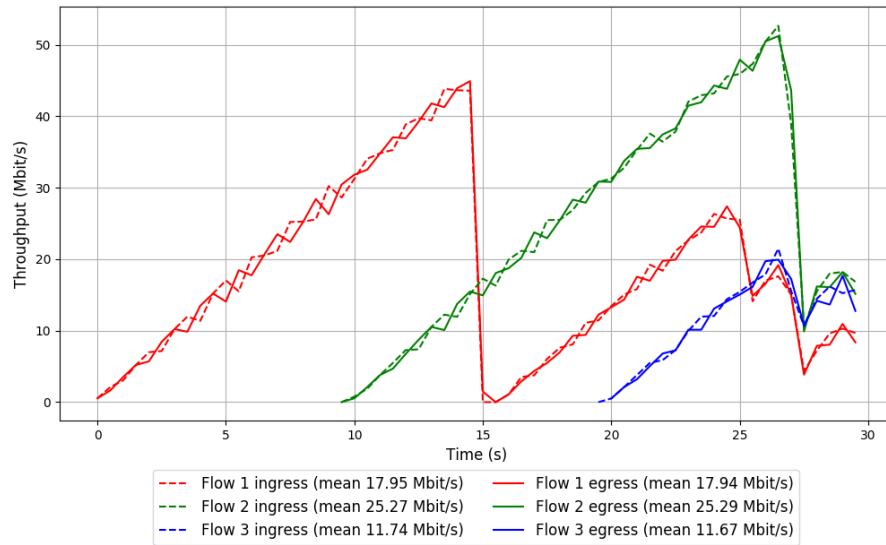


Run 5: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:49:45 +0000
End at: Mon, 10 Jul 2017 00:50:15 +0000
Local clock offset: 0.639 ms
Remote clock offset: -1.408 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 37.679 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 37.065 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 25.29 Mbit/s
95th percentile per-packet one-way delay: 37.818 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 41.389 ms
Loss rate: 1.44%
```

Run 5: Report of LEDBAT — Data Link

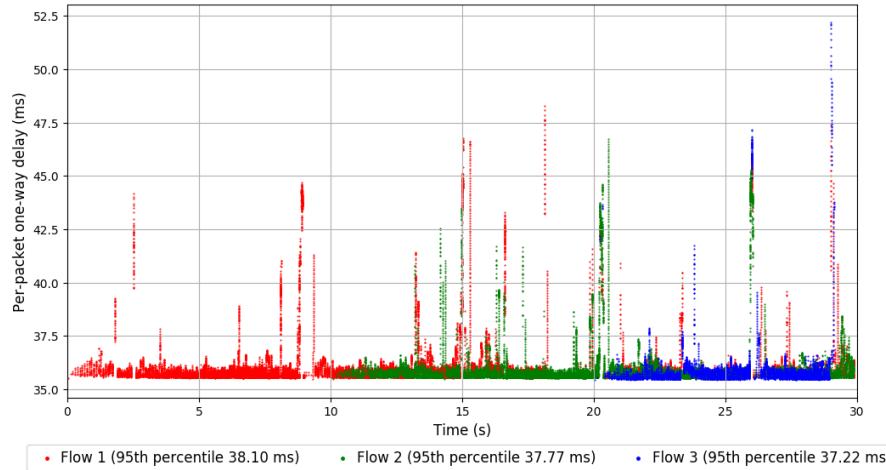
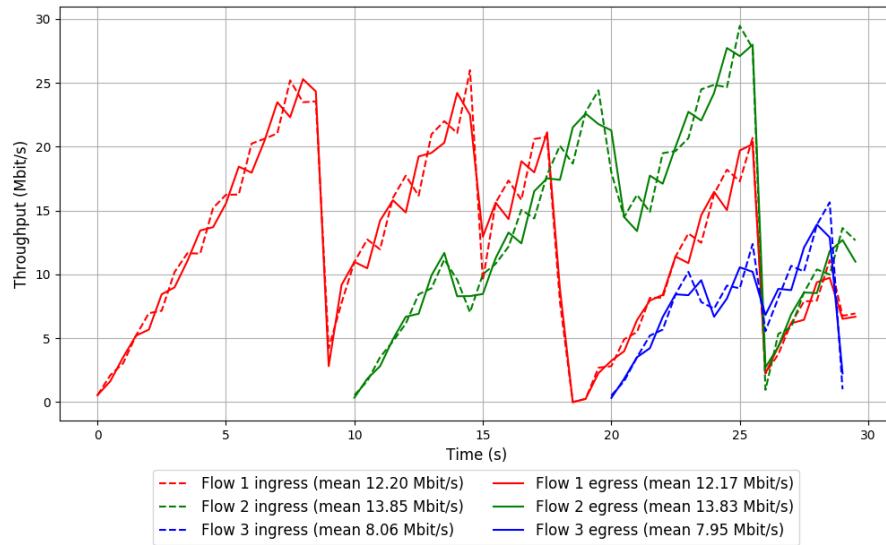


Run 6: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:10:32 +0000
End at: Mon, 10 Jul 2017 01:11:02 +0000
Local clock offset: 0.585 ms
Remote clock offset: -0.977 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.74 Mbit/s
95th percentile per-packet one-way delay: 37.848 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 12.17 Mbit/s
95th percentile per-packet one-way delay: 38.104 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 37.768 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: 37.218 ms
Loss rate: 1.25%
```

Run 6: Report of LEDBAT — Data Link

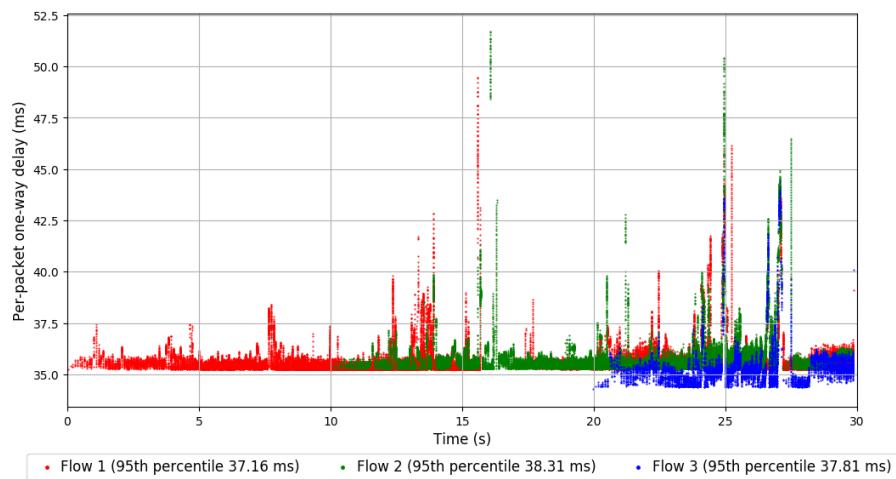
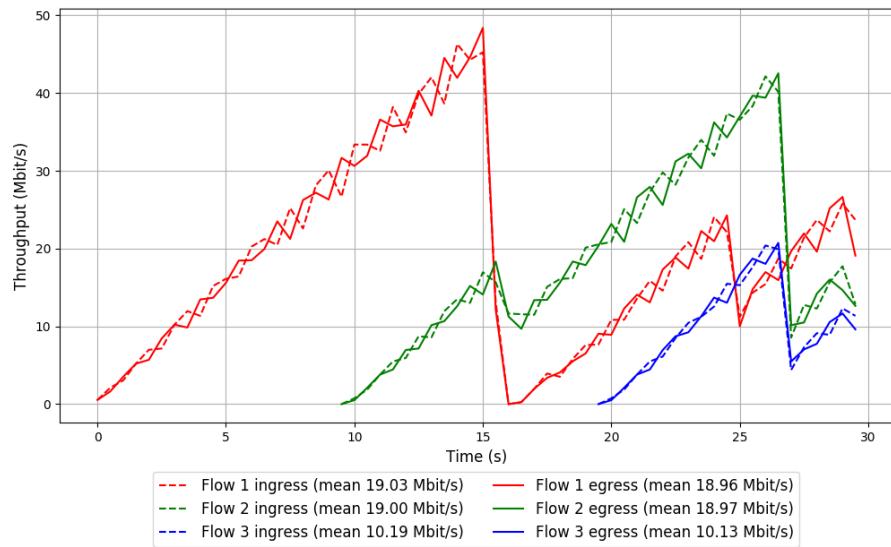


Run 7: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:31:19 +0000
End at: Mon, 10 Jul 2017 01:31:49 +0000
Local clock offset: 0.787 ms
Remote clock offset: -3.612 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.91 Mbit/s
95th percentile per-packet one-way delay: 37.557 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 18.96 Mbit/s
95th percentile per-packet one-way delay: 37.163 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 18.97 Mbit/s
95th percentile per-packet one-way delay: 38.314 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 10.13 Mbit/s
95th percentile per-packet one-way delay: 37.808 ms
Loss rate: 1.40%
```

Run 7: Report of LEDBAT — Data Link

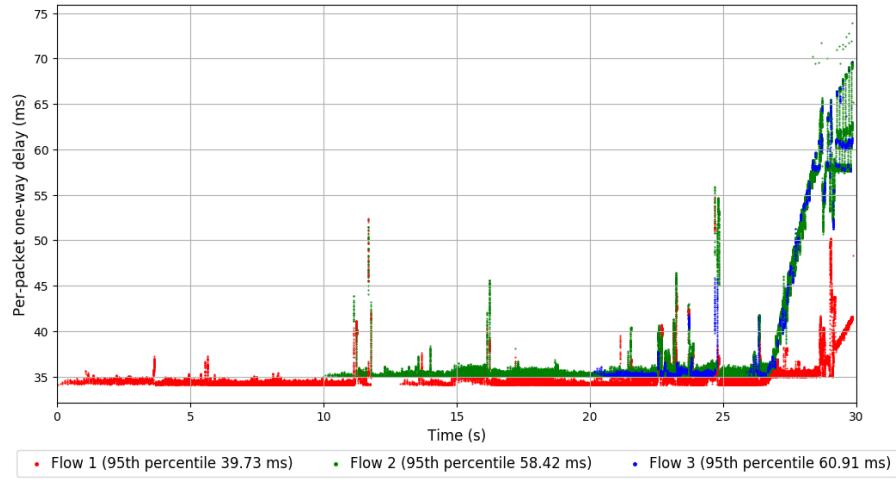
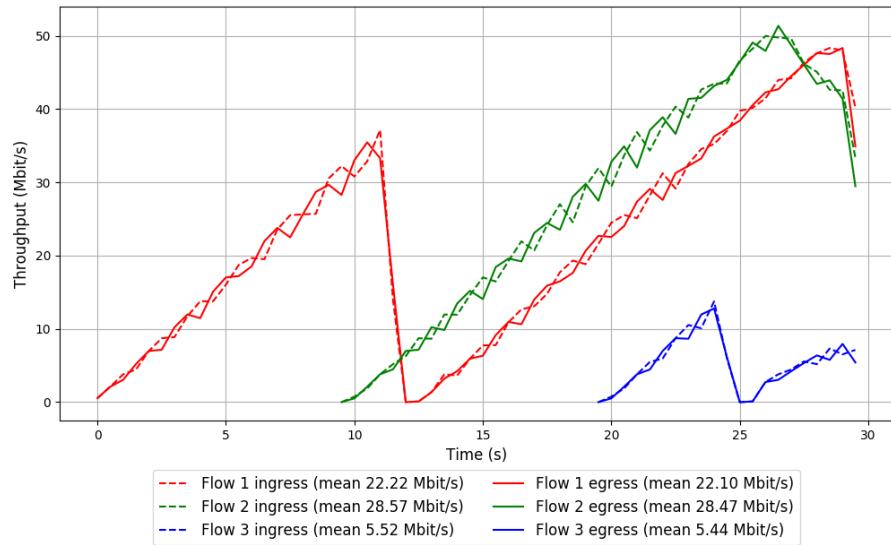


Run 8: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:52:03 +0000
End at: Mon, 10 Jul 2017 01:52:33 +0000
Local clock offset: 0.881 ms
Remote clock offset: -1.327 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.87 Mbit/s
95th percentile per-packet one-way delay: 57.414 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 39.725 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 58.418 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 5.44 Mbit/s
95th percentile per-packet one-way delay: 60.905 ms
Loss rate: 2.41%
```

Run 8: Report of LEDBAT — Data Link

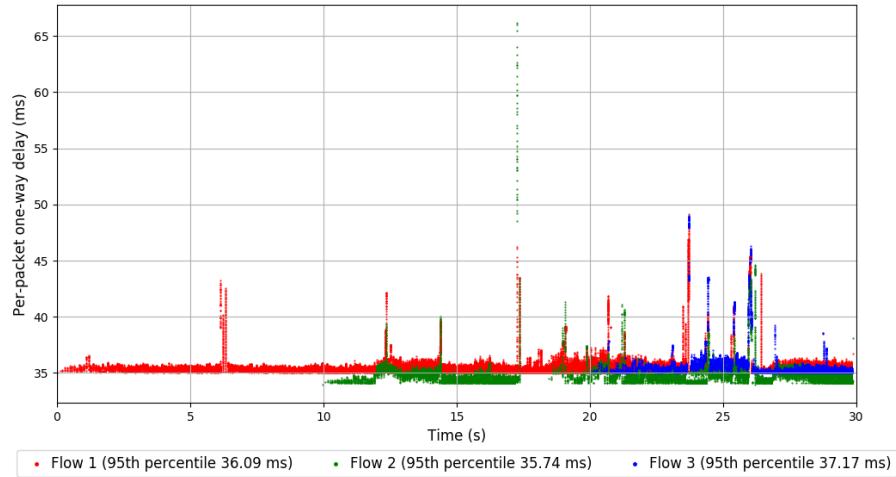
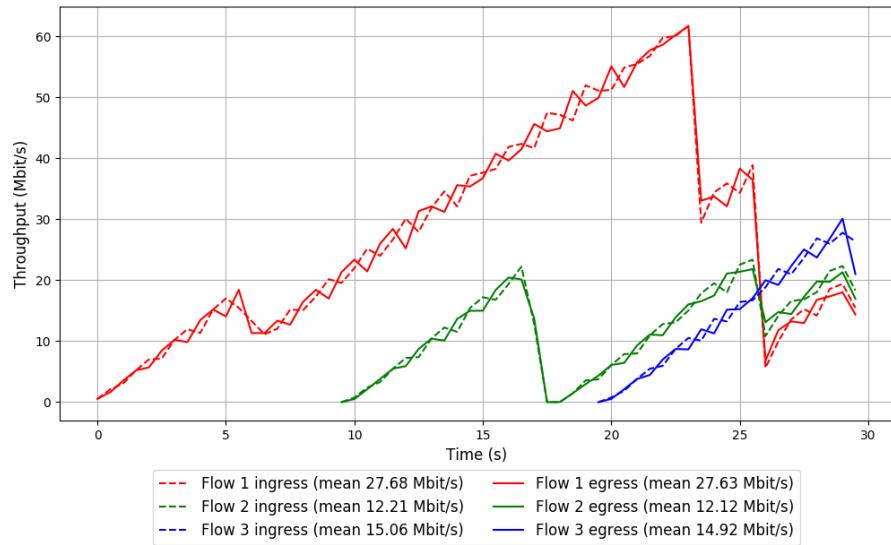


Run 9: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 02:12:41 +0000
End at: Mon, 10 Jul 2017 02:13:11 +0000
Local clock offset: 0.951 ms
Remote clock offset: -3.782 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 36.138 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 27.63 Mbit/s
95th percentile per-packet one-way delay: 36.091 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 35.744 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 14.92 Mbit/s
95th percentile per-packet one-way delay: 37.169 ms
Loss rate: 1.79%
```

Run 9: Report of LEDBAT — Data Link

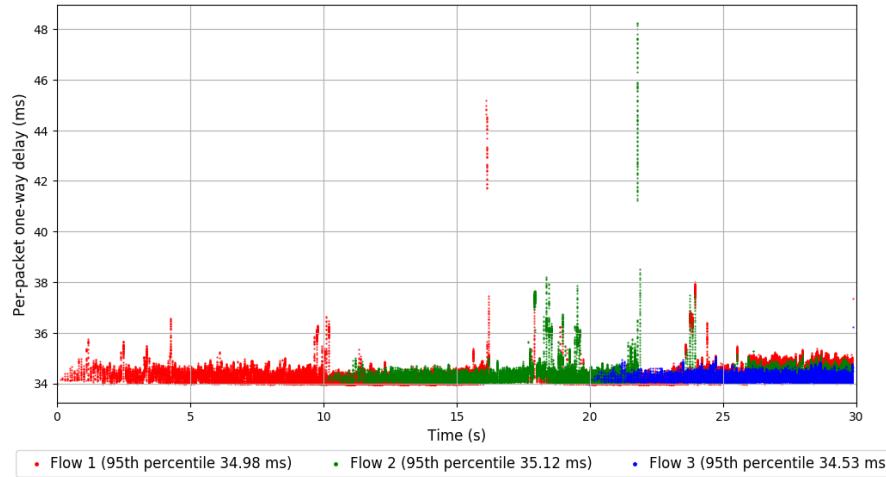
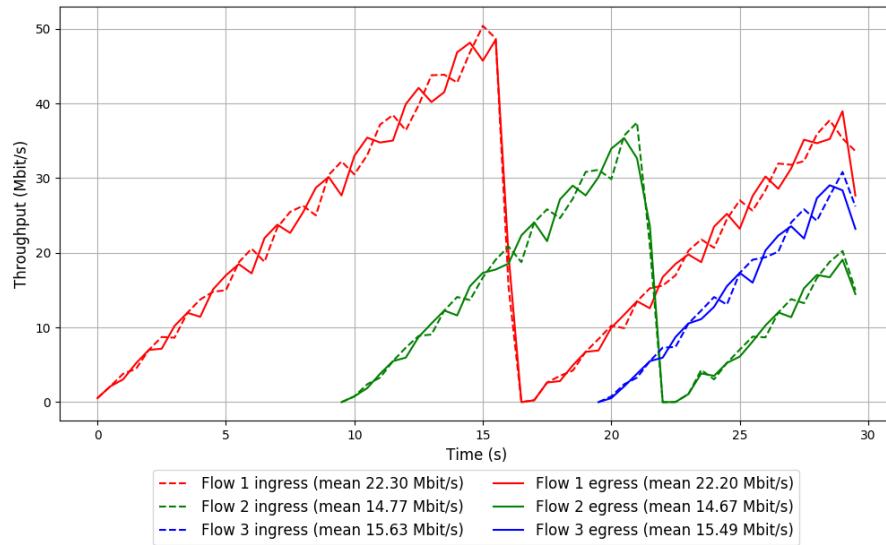


Run 10: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 02:33:18 +0000
End at: Mon, 10 Jul 2017 02:33:48 +0000
Local clock offset: 0.919 ms
Remote clock offset: -3.834 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 34.953 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 22.20 Mbit/s
95th percentile per-packet one-way delay: 34.975 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 14.67 Mbit/s
95th percentile per-packet one-way delay: 35.123 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 15.49 Mbit/s
95th percentile per-packet one-way delay: 34.535 ms
Loss rate: 1.76%
```

Run 10: Report of LEDBAT — Data Link

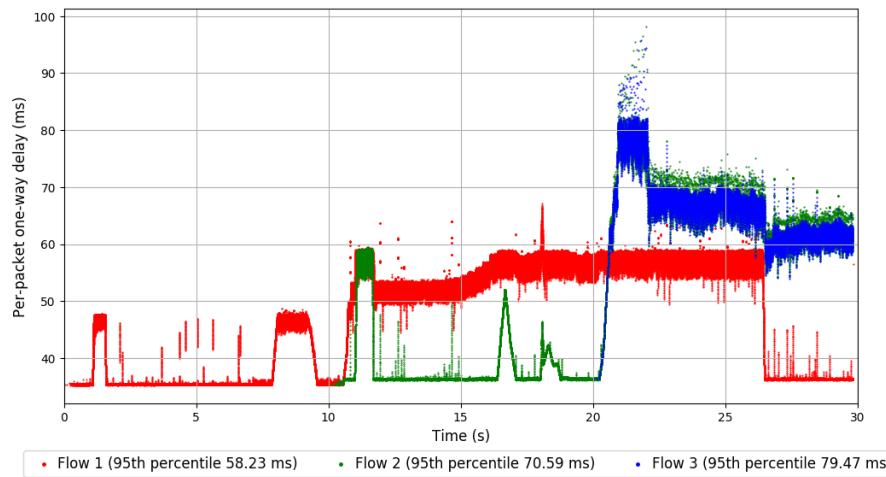
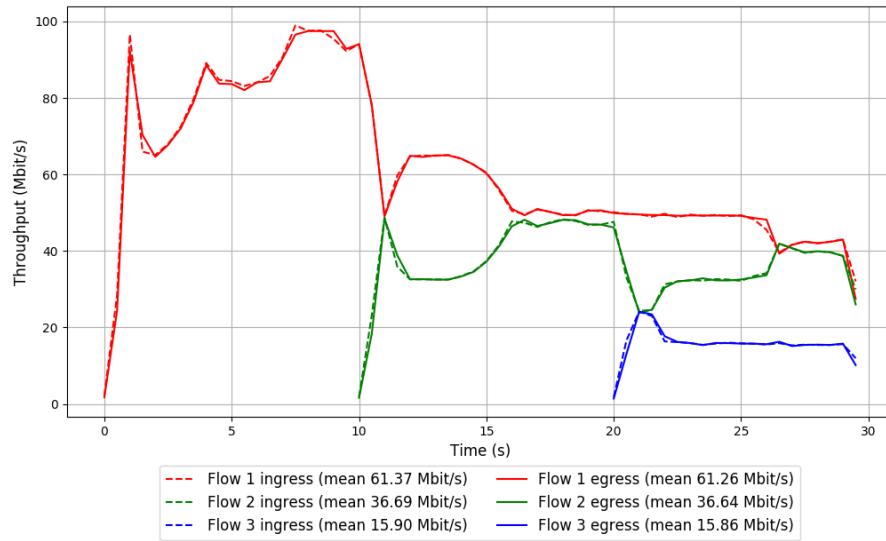


Run 1: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:38:53 +0000
End at: Sun, 09 Jul 2017 23:39:23 +0000
Local clock offset: 0.59 ms
Remote clock offset: -3.58 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.77 Mbit/s
95th percentile per-packet one-way delay: 67.930 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 61.26 Mbit/s
95th percentile per-packet one-way delay: 58.229 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 70.595 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 79.471 ms
Loss rate: 1.15%
```

Run 1: Report of PCC — Data Link

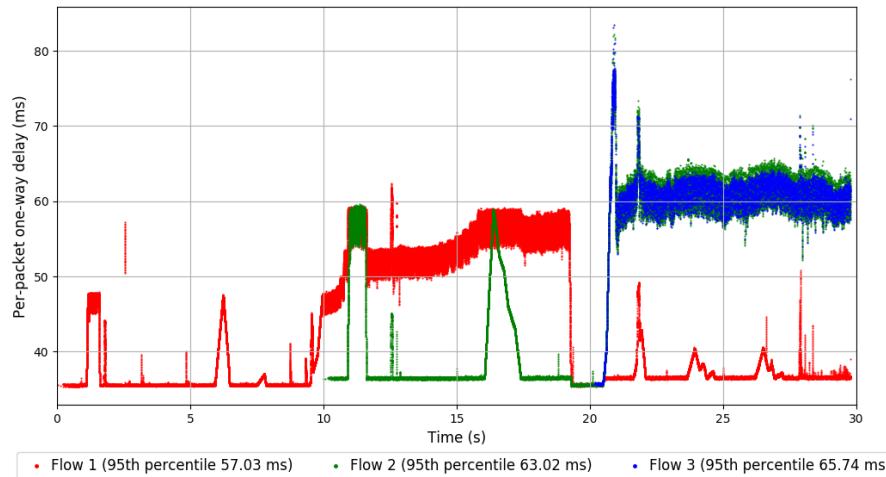
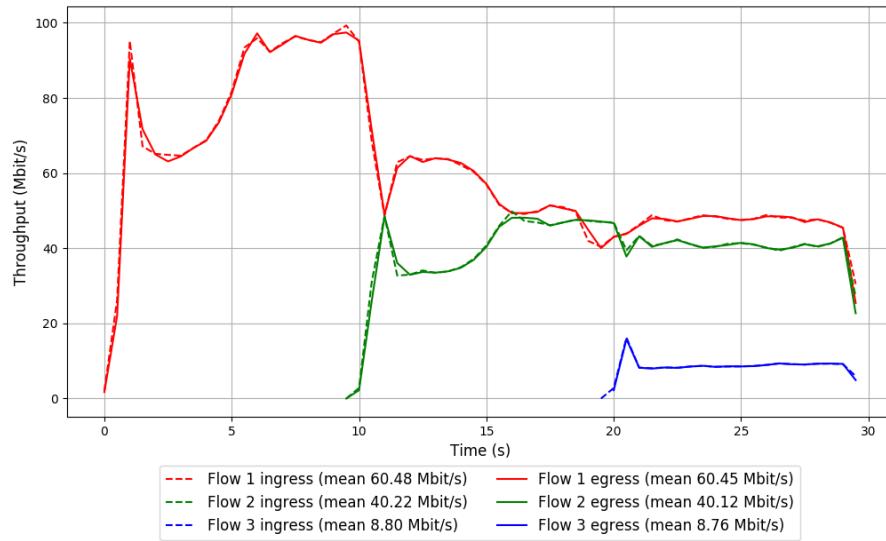


Run 2: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:59:31 +0000
End at: Mon, 10 Jul 2017 00:00:01 +0000
Local clock offset: 0.613 ms
Remote clock offset: -1.458 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.00 Mbit/s
95th percentile per-packet one-way delay: 61.946 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 60.45 Mbit/s
95th percentile per-packet one-way delay: 57.032 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 40.12 Mbit/s
95th percentile per-packet one-way delay: 63.017 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 65.744 ms
Loss rate: 1.27%
```

Run 2: Report of PCC — Data Link

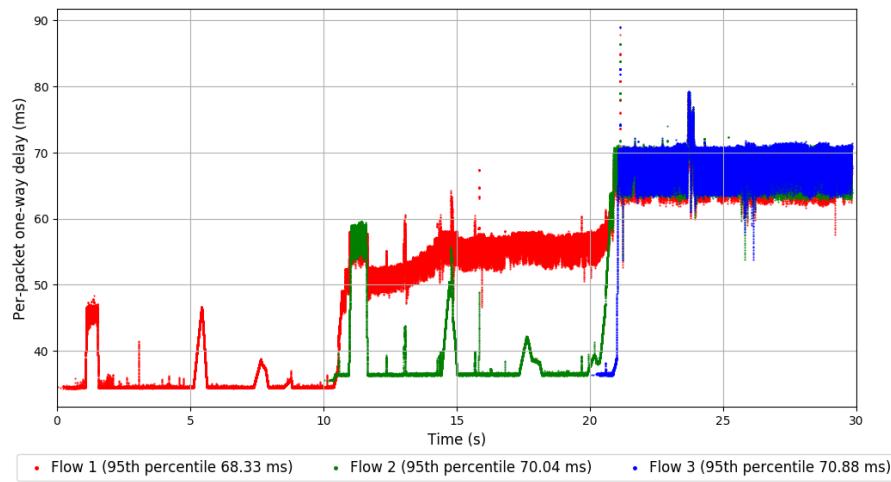
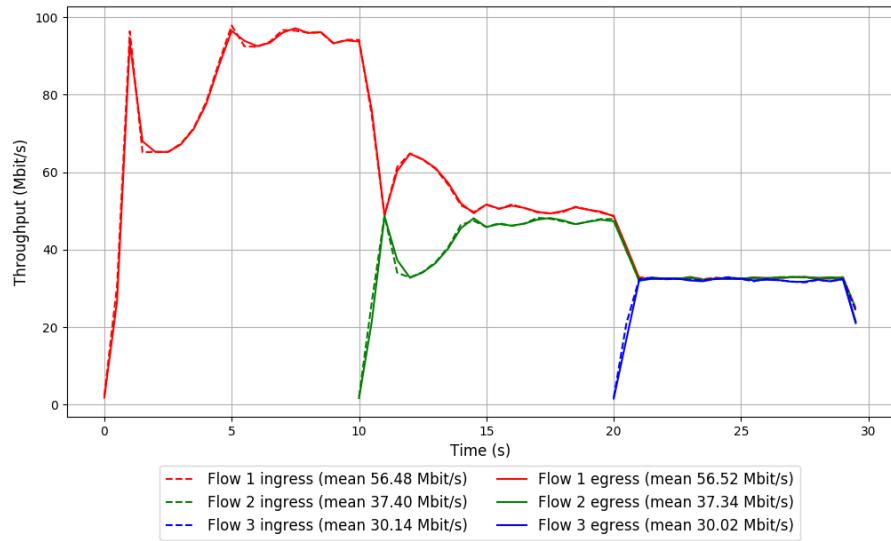


Run 3: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:20:25 +0000
End at: Mon, 10 Jul 2017 00:20:55 +0000
Local clock offset: 0.763 ms
Remote clock offset: -3.472 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.14 Mbit/s
95th percentile per-packet one-way delay: 69.720 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 68.325 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 37.34 Mbit/s
95th percentile per-packet one-way delay: 70.043 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 30.02 Mbit/s
95th percentile per-packet one-way delay: 70.876 ms
Loss rate: 1.39%
```

Run 3: Report of PCC — Data Link

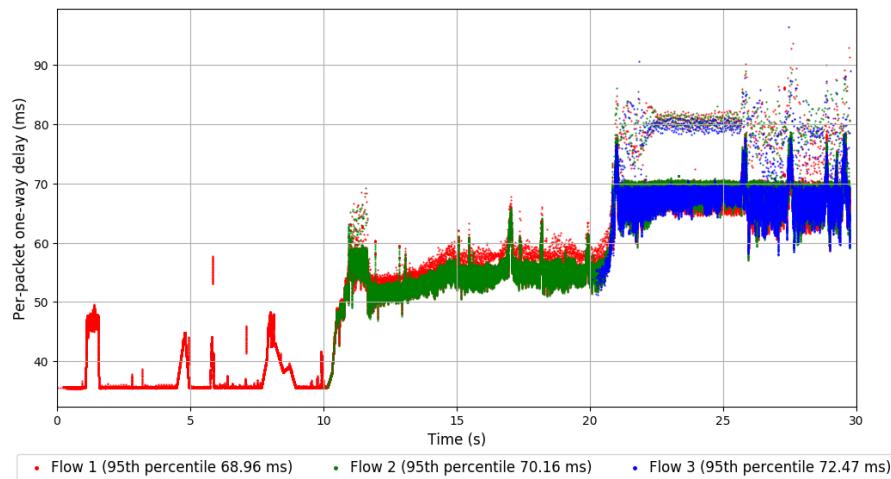
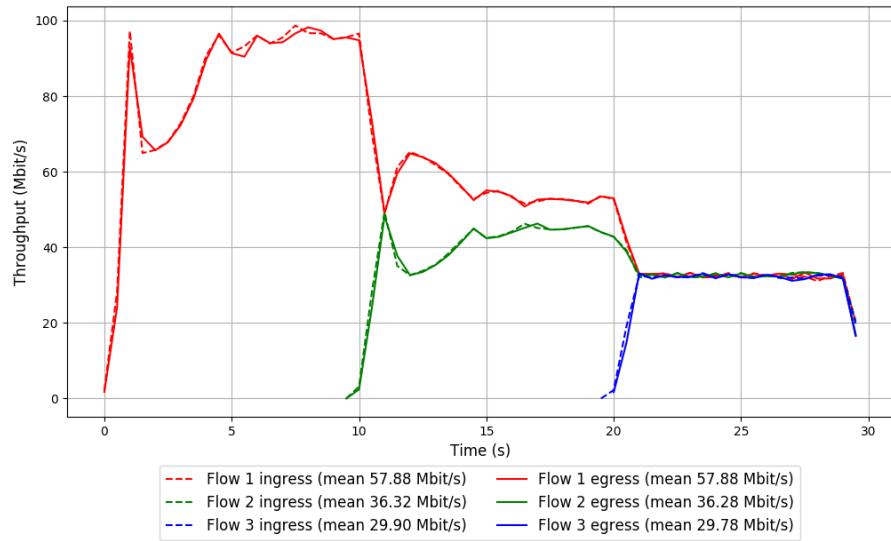


Run 4: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:41:26 +0000
End at: Mon, 10 Jul 2017 00:41:56 +0000
Local clock offset: 0.62 ms
Remote clock offset: -0.921 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 69.695 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 57.88 Mbit/s
95th percentile per-packet one-way delay: 68.961 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 70.162 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 72.468 ms
Loss rate: 1.46%
```

Run 4: Report of PCC — Data Link

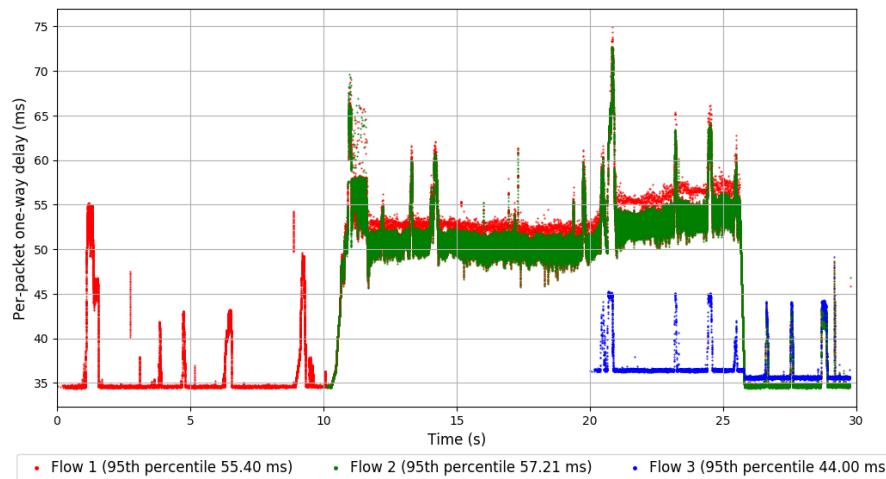
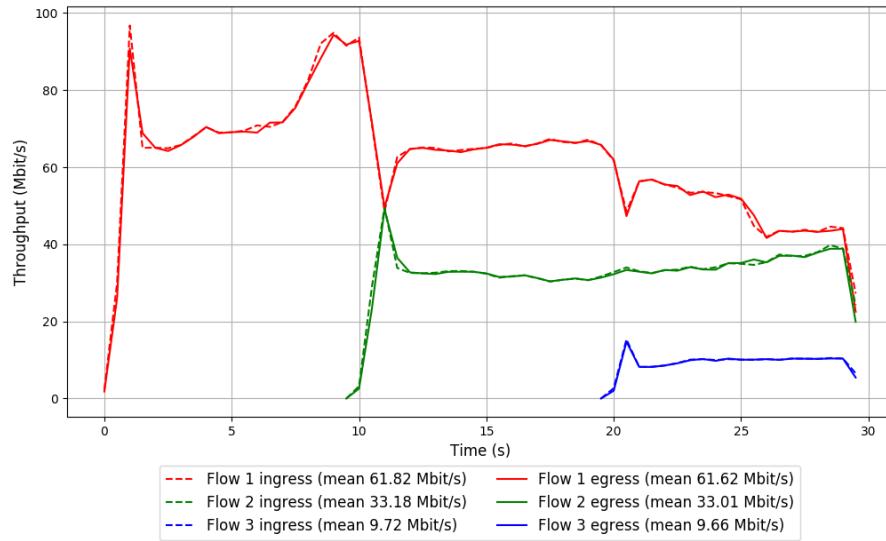


Run 5: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:02:13 +0000
End at: Mon, 10 Jul 2017 01:02:43 +0000
Local clock offset: 0.543 ms
Remote clock offset: -1.444 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.77 Mbit/s
95th percentile per-packet one-way delay: 55.790 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 61.62 Mbit/s
95th percentile per-packet one-way delay: 55.396 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 57.214 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 43.997 ms
Loss rate: 1.48%
```

Run 5: Report of PCC — Data Link

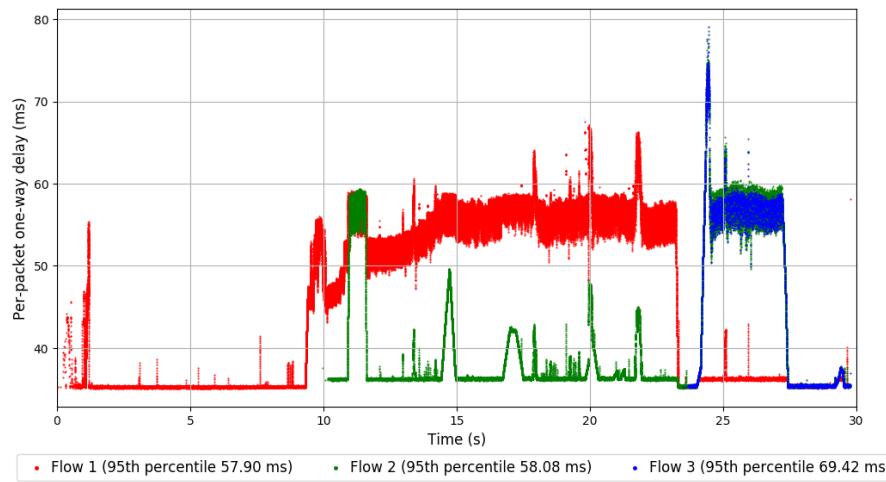
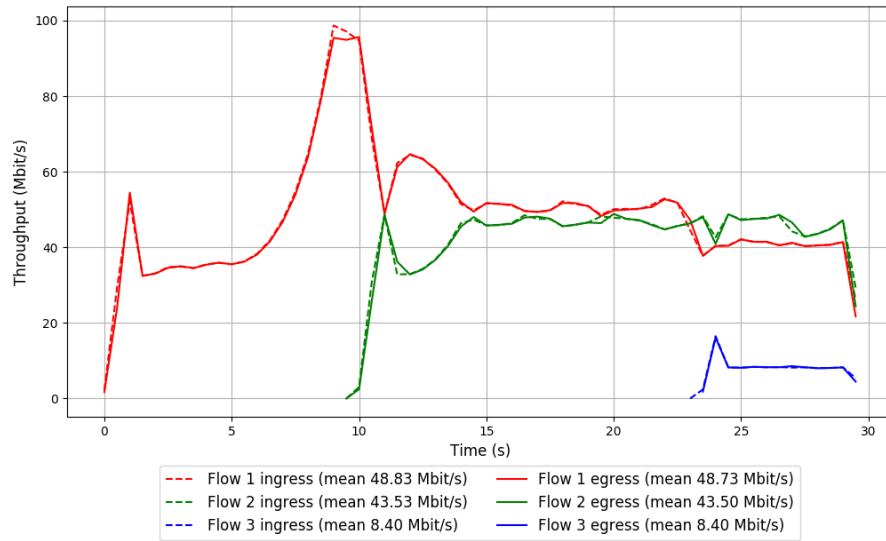


Run 6: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:23:02 +0000
End at: Mon, 10 Jul 2017 01:23:32 +0000
Local clock offset: 0.662 ms
Remote clock offset: -3.729 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:37:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.42 Mbit/s
95th percentile per-packet one-way delay: 58.009 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 48.73 Mbit/s
95th percentile per-packet one-way delay: 57.896 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 43.50 Mbit/s
95th percentile per-packet one-way delay: 58.084 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 69.425 ms
Loss rate: 1.44%
```

Run 6: Report of PCC — Data Link

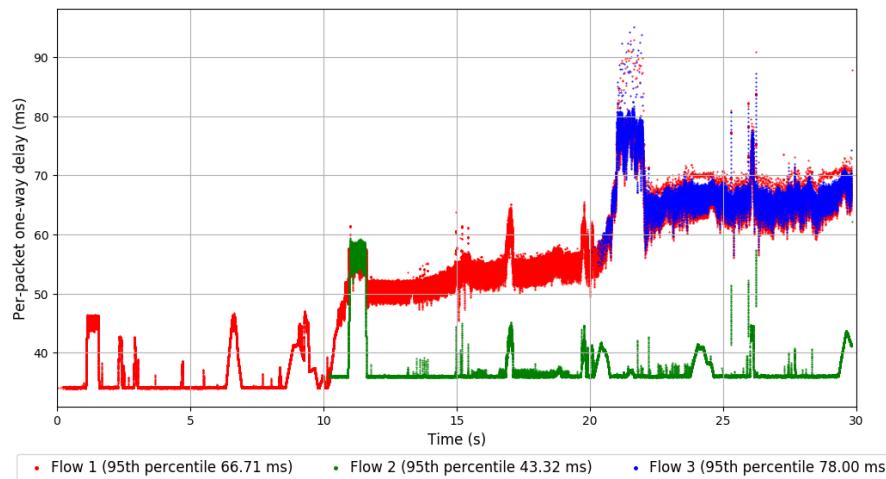
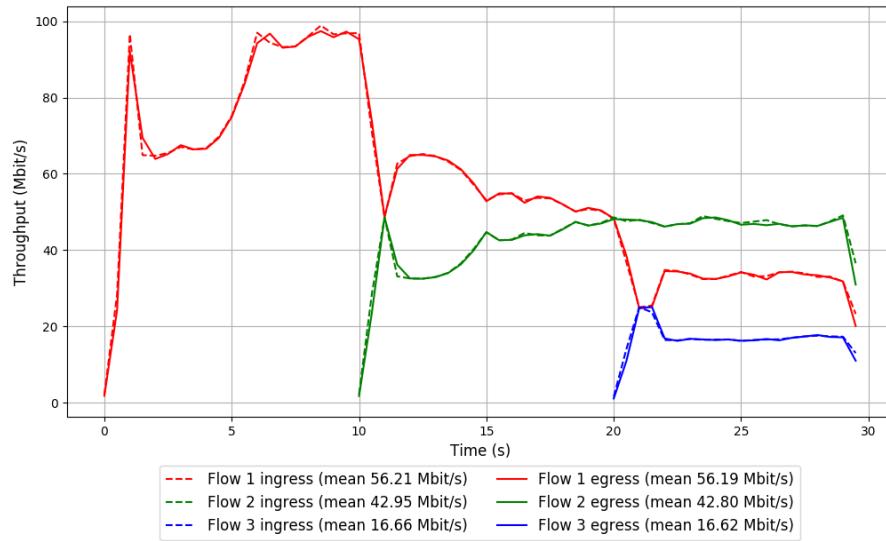


Run 7: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:43:44 +0000
End at: Mon, 10 Jul 2017 01:44:14 +0000
Local clock offset: 0.853 ms
Remote clock offset: -1.767 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 67.047 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 66.707 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 42.80 Mbit/s
95th percentile per-packet one-way delay: 43.316 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 16.62 Mbit/s
95th percentile per-packet one-way delay: 77.998 ms
Loss rate: 1.39%
```

Run 7: Report of PCC — Data Link

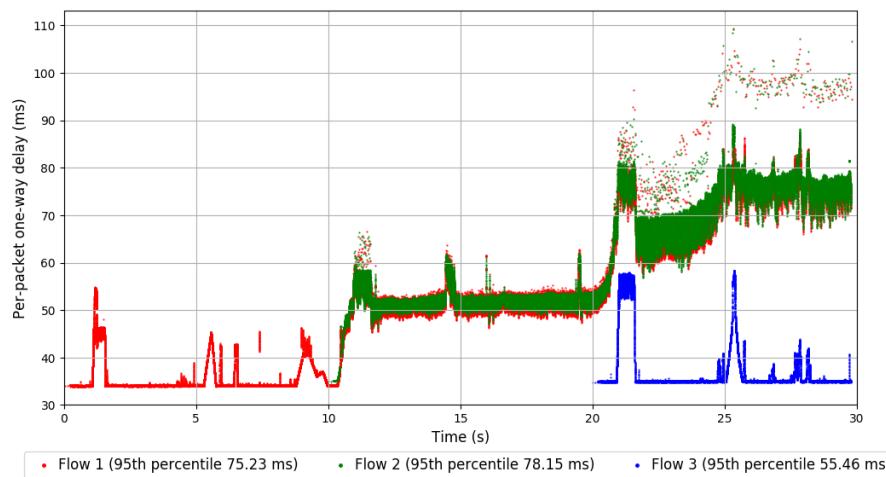
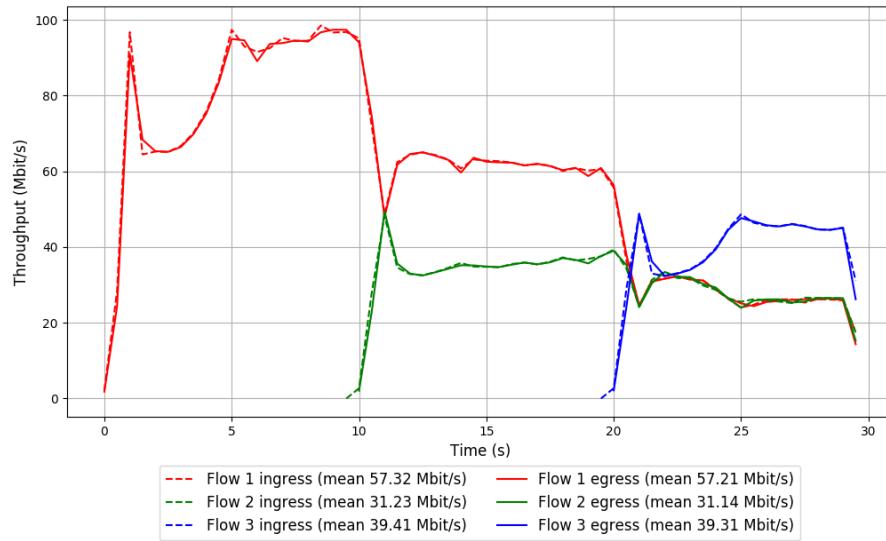


Run 8: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 02:04:28 +0000
End at: Mon, 10 Jul 2017 02:04:58 +0000
Local clock offset: 0.884 ms
Remote clock offset: -1.262 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 76.227 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 57.21 Mbit/s
95th percentile per-packet one-way delay: 75.227 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 31.14 Mbit/s
95th percentile per-packet one-way delay: 78.150 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 55.458 ms
Loss rate: 1.14%
```

Run 8: Report of PCC — Data Link

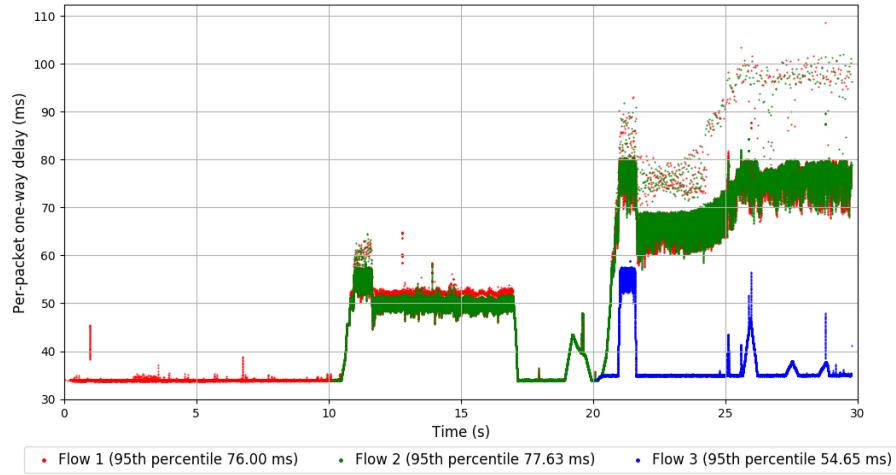
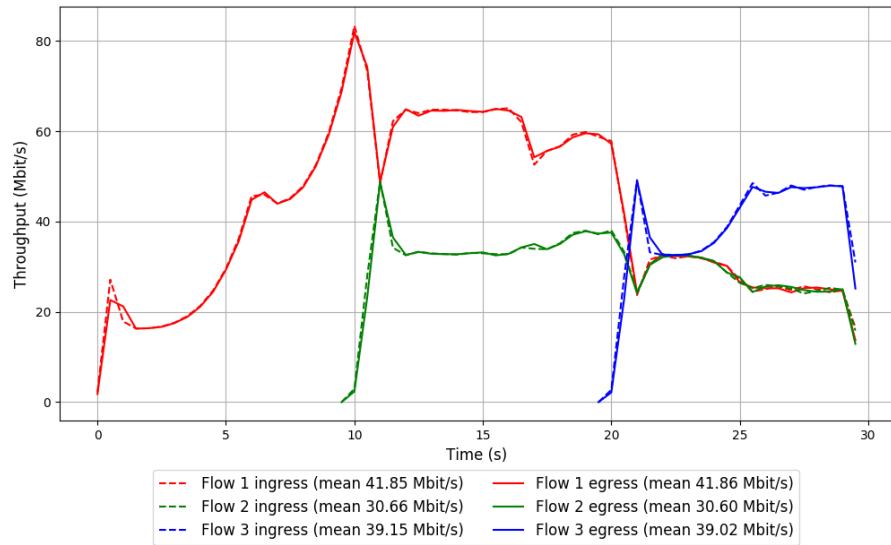


Run 9: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 02:25:02 +0000
End at: Mon, 10 Jul 2017 02:25:32 +0000
Local clock offset: 0.945 ms
Remote clock offset: -1.291 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.03 Mbit/s
95th percentile per-packet one-way delay: 76.315 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 76.001 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 77.626 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 39.02 Mbit/s
95th percentile per-packet one-way delay: 54.650 ms
Loss rate: 1.21%
```

Run 9: Report of PCC — Data Link

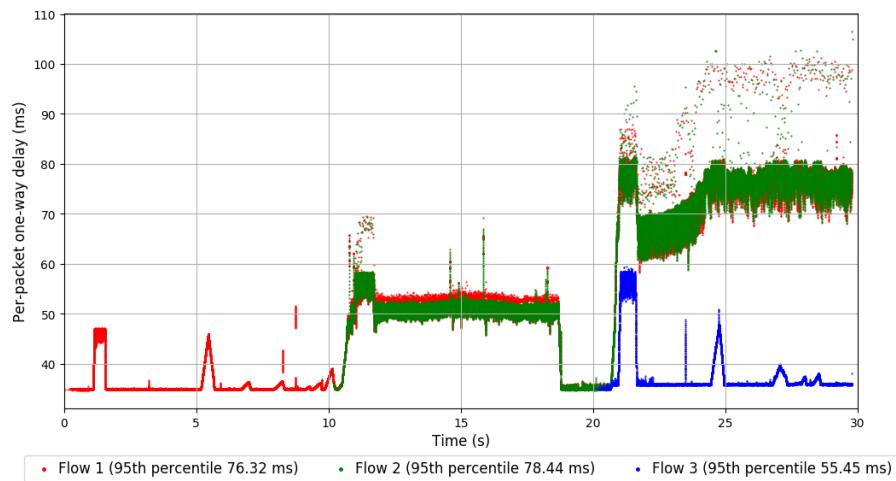
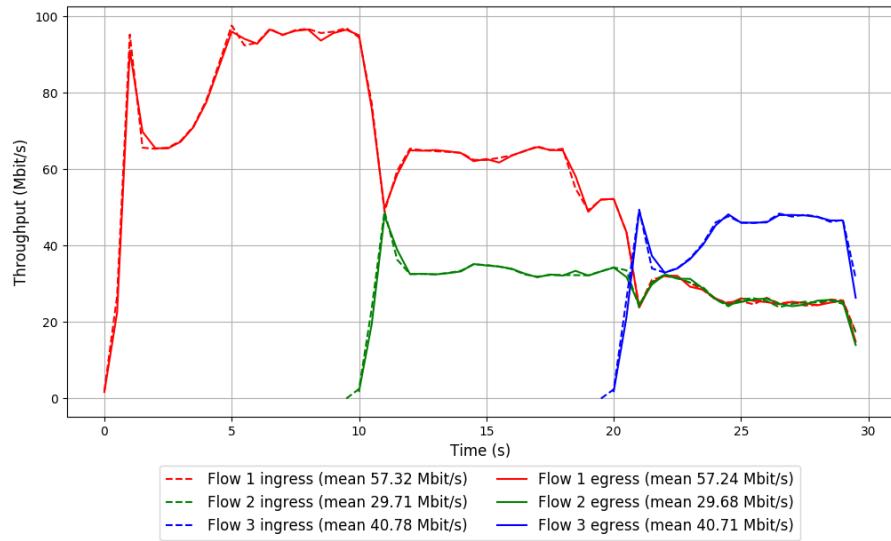


Run 10: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 02:45:41 +0000
End at: Mon, 10 Jul 2017 02:46:11 +0000
Local clock offset: 0.854 ms
Remote clock offset: -3.885 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 76.957 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 57.24 Mbit/s
95th percentile per-packet one-way delay: 76.321 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 78.435 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 55.451 ms
Loss rate: 1.06%
```

Run 10: Report of PCC — Data Link

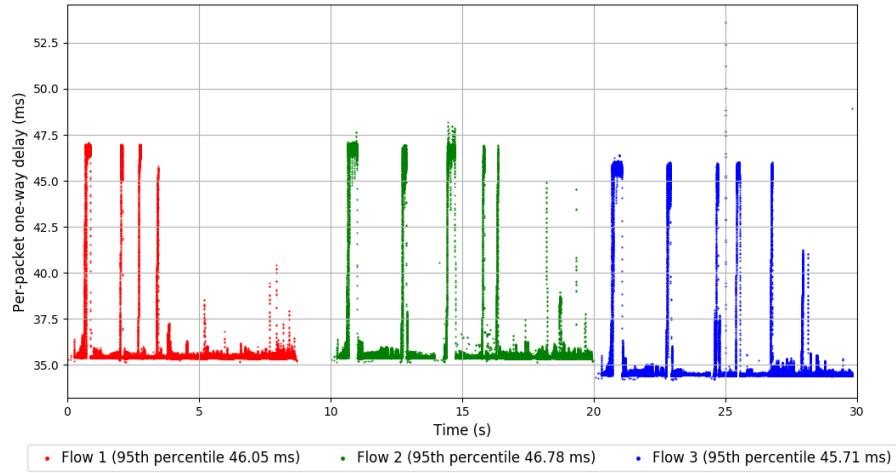
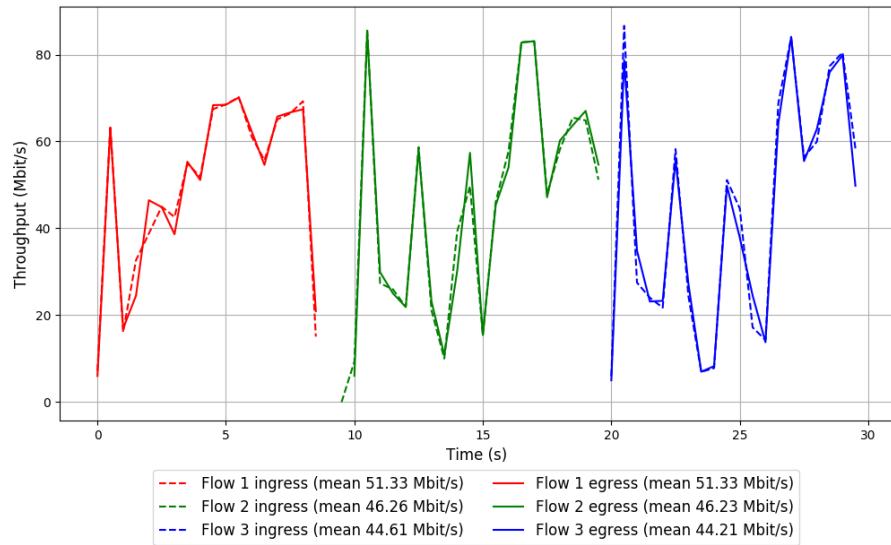


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: Sun, 09 Jul 2017 23:40:15 +0000
End at: Sun, 09 Jul 2017 23:40:45 +0000
Local clock offset: 0.603 ms
Remote clock offset: -1.509 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 46.573 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 51.33 Mbit/s
95th percentile per-packet one-way delay: 46.054 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.23 Mbit/s
95th percentile per-packet one-way delay: 46.781 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 44.21 Mbit/s
95th percentile per-packet one-way delay: 45.708 ms
Loss rate: 1.64%
```

Run 1: Report of QUIC Cubic — Data Link

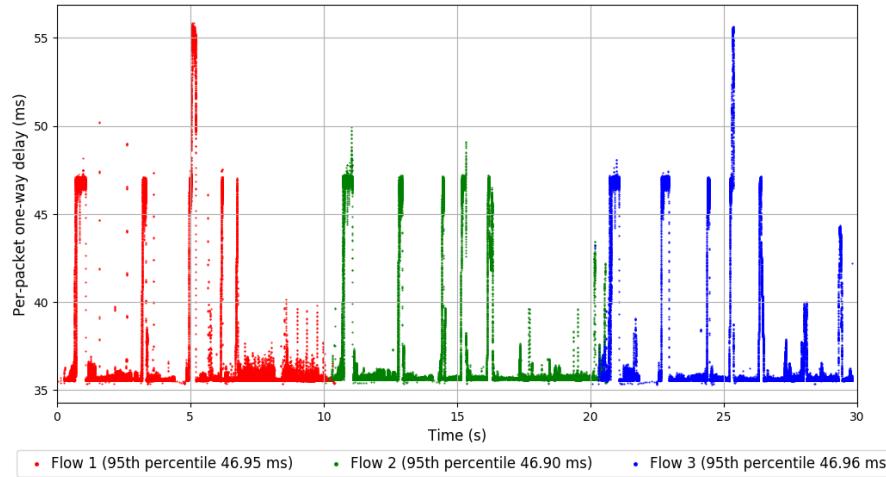
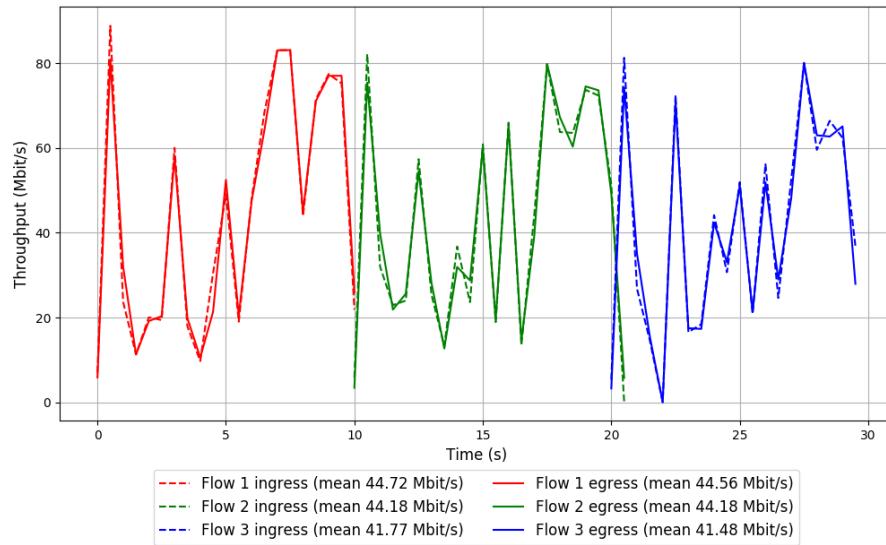


Run 2: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:00:54 +0000
End at: Mon, 10 Jul 2017 00:01:24 +0000
Local clock offset: 0.725 ms
Remote clock offset: -0.97 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.74 Mbit/s
95th percentile per-packet one-way delay: 46.938 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 44.56 Mbit/s
95th percentile per-packet one-way delay: 46.955 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 44.18 Mbit/s
95th percentile per-packet one-way delay: 46.904 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.48 Mbit/s
95th percentile per-packet one-way delay: 46.959 ms
Loss rate: 1.52%
```

Run 2: Report of QUIC Cubic — Data Link

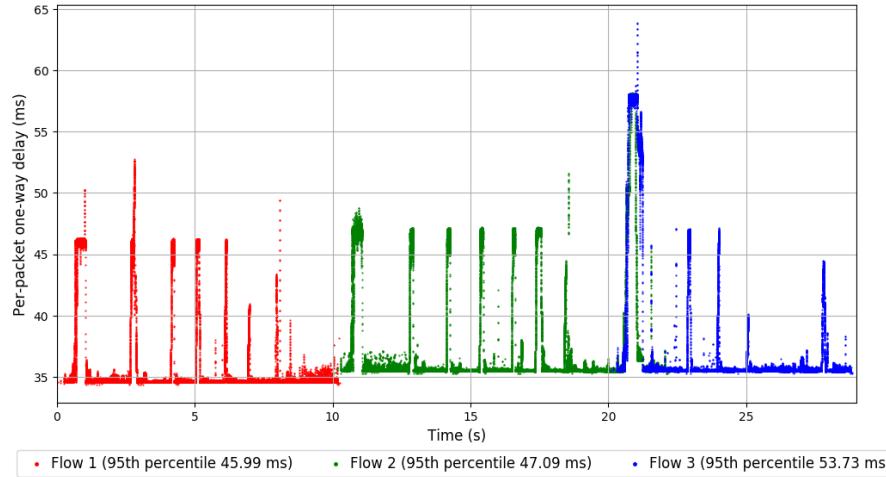
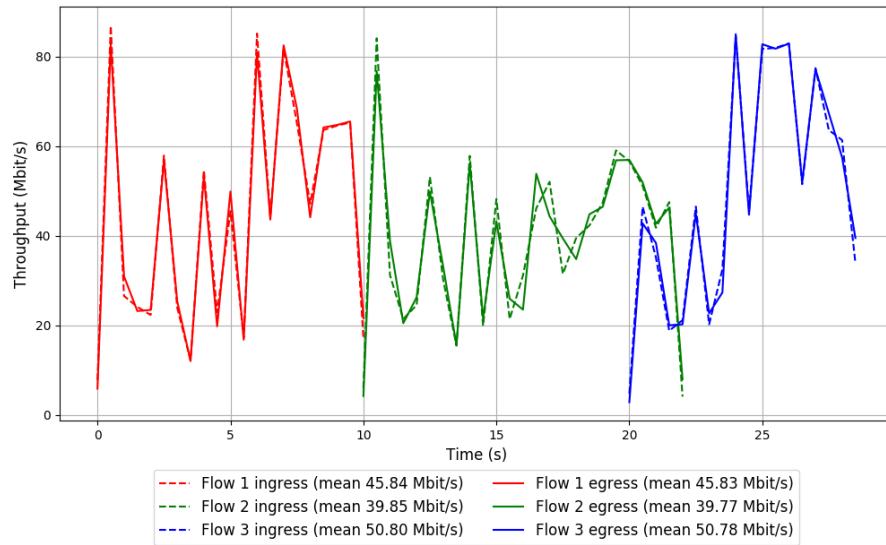


Run 3: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:21:51 +0000
End at: Mon, 10 Jul 2017 00:22:21 +0000
Local clock offset: 0.673 ms
Remote clock offset: -1.48 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 46.951 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 45.83 Mbit/s
95th percentile per-packet one-way delay: 45.991 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 47.086 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 50.78 Mbit/s
95th percentile per-packet one-way delay: 53.729 ms
Loss rate: 0.03%
```

Run 3: Report of QUIC Cubic — Data Link

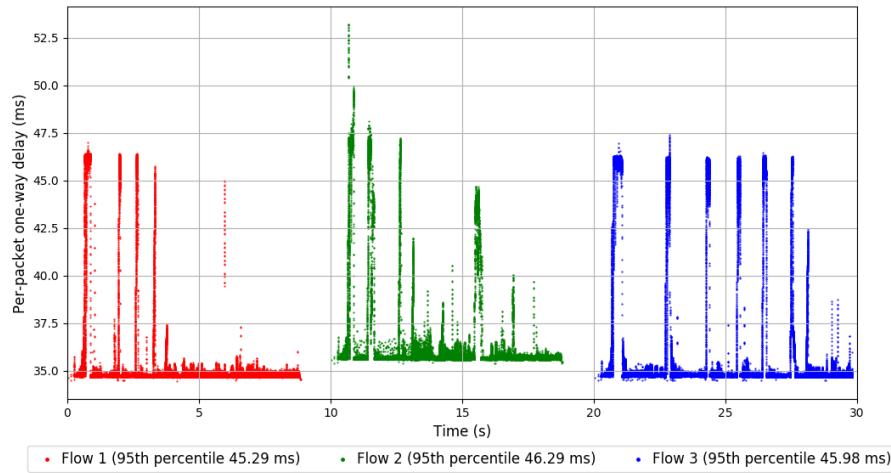
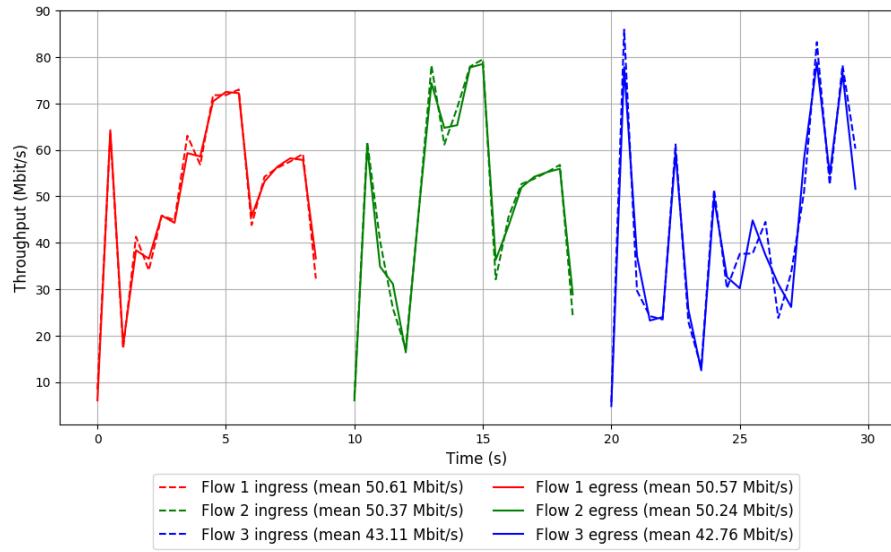


Run 4: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:42:49 +0000
End at: Mon, 10 Jul 2017 00:43:19 +0000
Local clock offset: 0.65 ms
Remote clock offset: -3.457 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.85 Mbit/s
95th percentile per-packet one-way delay: 45.951 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 50.57 Mbit/s
95th percentile per-packet one-way delay: 45.287 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 46.294 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 45.984 ms
Loss rate: 1.65%
```

Run 4: Report of QUIC Cubic — Data Link

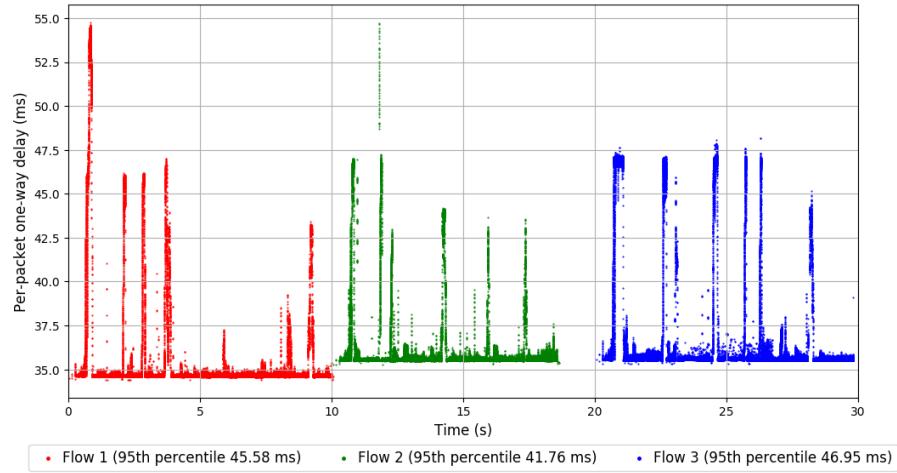
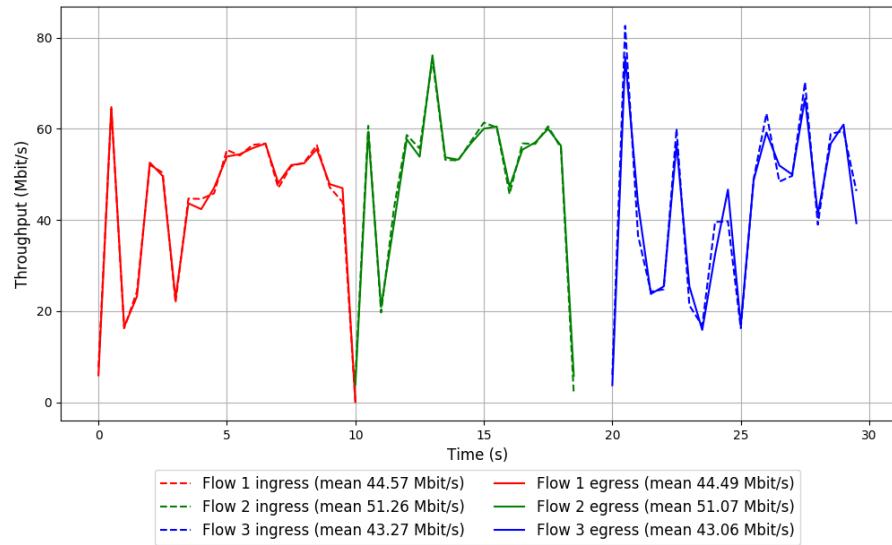


Run 5: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 01:03:36 +0000
End at: Mon, 10 Jul 2017 01:04:06 +0000
Local clock offset: 0.646 ms
Remote clock offset: -1.464 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.82 Mbit/s
95th percentile per-packet one-way delay: 46.476 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 44.49 Mbit/s
95th percentile per-packet one-way delay: 45.576 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 51.07 Mbit/s
95th percentile per-packet one-way delay: 41.759 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 43.06 Mbit/s
95th percentile per-packet one-way delay: 46.945 ms
Loss rate: 1.32%
```

Run 5: Report of QUIC Cubic — Data Link

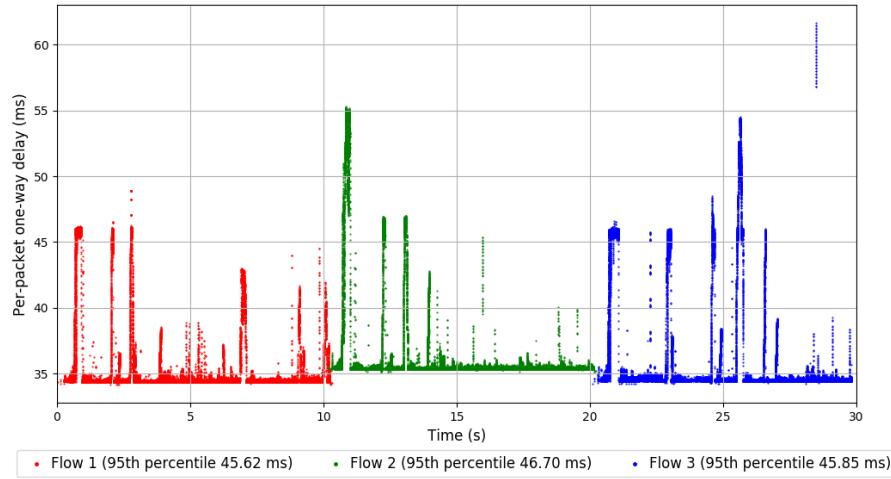
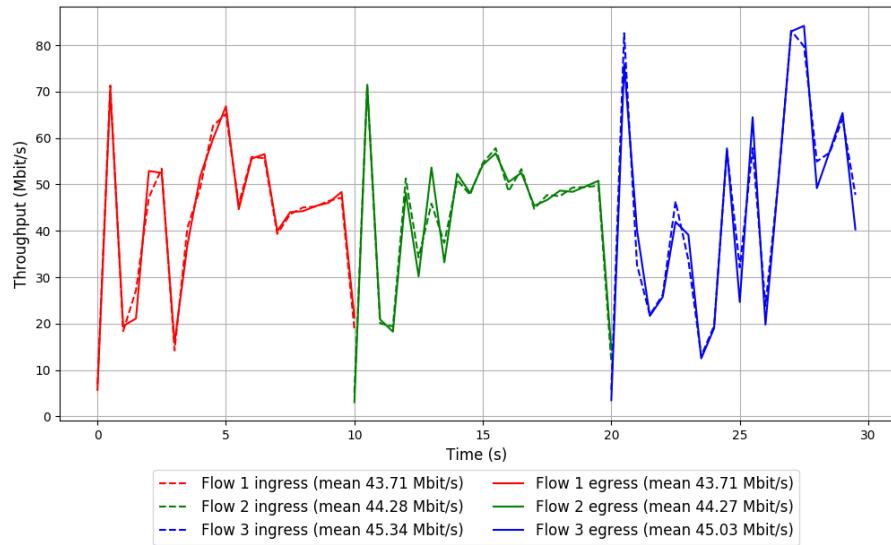


Run 6: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 01:24:24 +0000
End at: Mon, 10 Jul 2017 01:24:54 +0000
Local clock offset: 0.664 ms
Remote clock offset: -1.663 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.87 Mbit/s
95th percentile per-packet one-way delay: 45.852 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 43.71 Mbit/s
95th percentile per-packet one-way delay: 45.616 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 44.27 Mbit/s
95th percentile per-packet one-way delay: 46.699 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 45.03 Mbit/s
95th percentile per-packet one-way delay: 45.854 ms
Loss rate: 1.53%
```

Run 6: Report of QUIC Cubic — Data Link

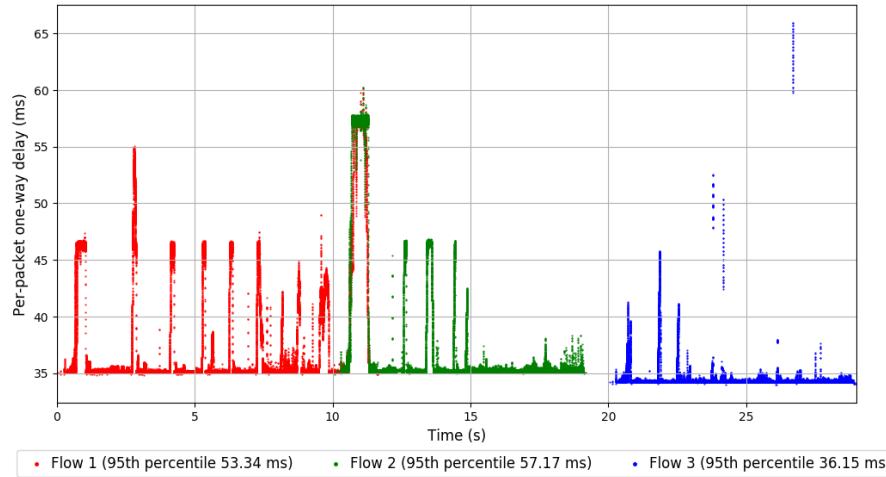
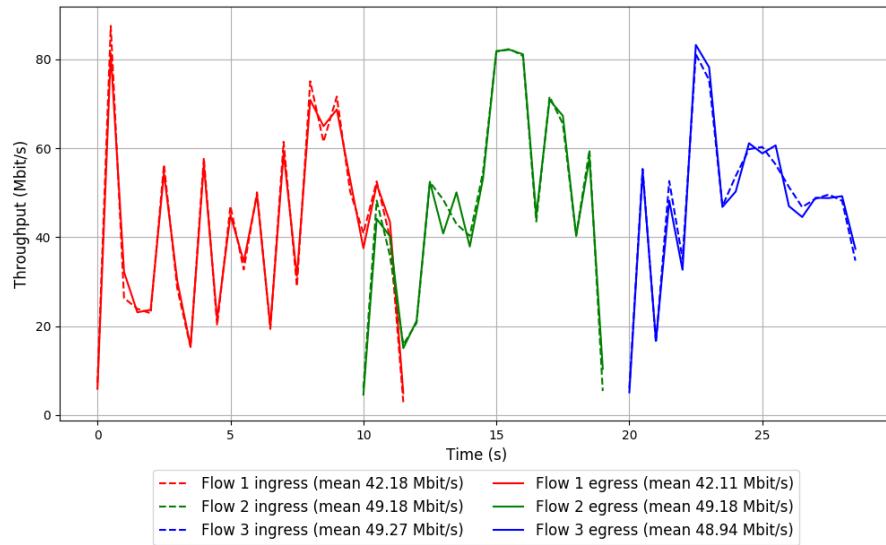


Run 7: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 01:45:07 +0000
End at: Mon, 10 Jul 2017 01:45:37 +0000
Local clock offset: 0.776 ms
Remote clock offset: -3.79 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.47 Mbit/s
95th percentile per-packet one-way delay: 46.721 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 42.11 Mbit/s
95th percentile per-packet one-way delay: 53.344 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 49.18 Mbit/s
95th percentile per-packet one-way delay: 57.169 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.94 Mbit/s
95th percentile per-packet one-way delay: 36.153 ms
Loss rate: 0.66%
```

Run 7: Report of QUIC Cubic — Data Link

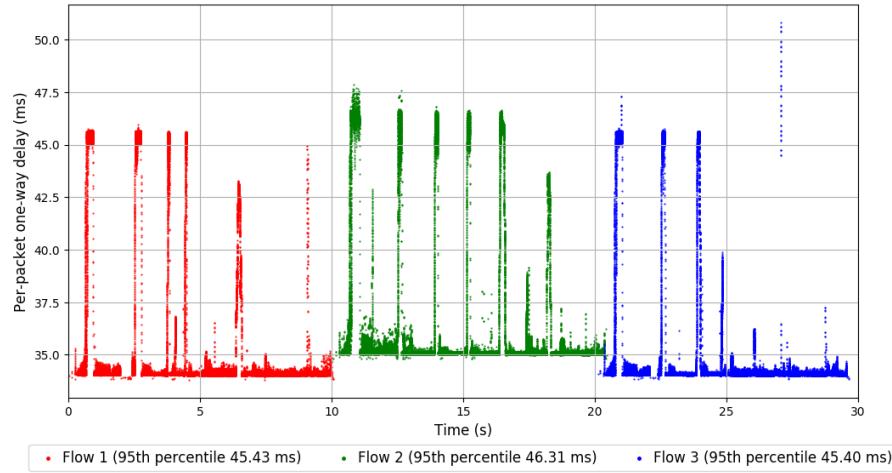
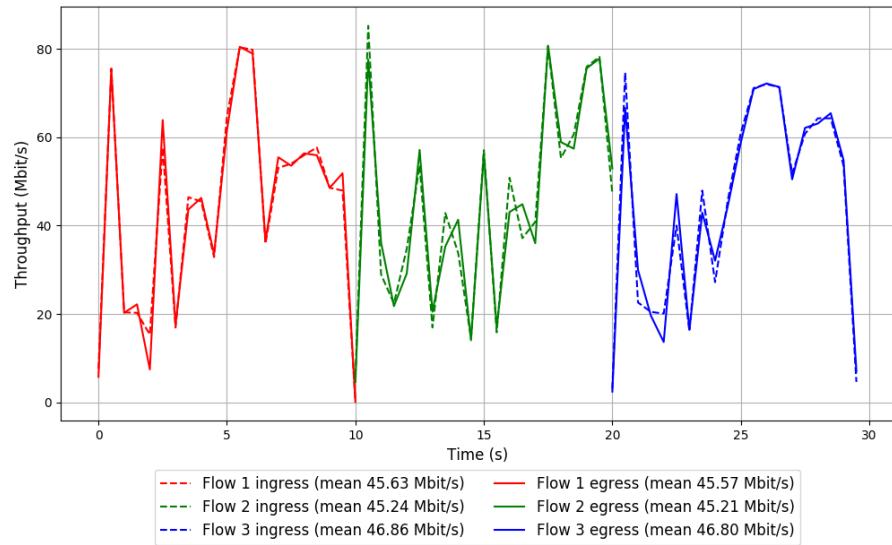


Run 8: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 02:05:50 +0000
End at: Mon, 10 Jul 2017 02:06:20 +0000
Local clock offset: 0.908 ms
Remote clock offset: -1.299 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.36 Mbit/s
95th percentile per-packet one-way delay: 45.603 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 45.57 Mbit/s
95th percentile per-packet one-way delay: 45.429 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 45.21 Mbit/s
95th percentile per-packet one-way delay: 46.306 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 46.80 Mbit/s
95th percentile per-packet one-way delay: 45.398 ms
Loss rate: 0.13%
```

Run 8: Report of QUIC Cubic — Data Link

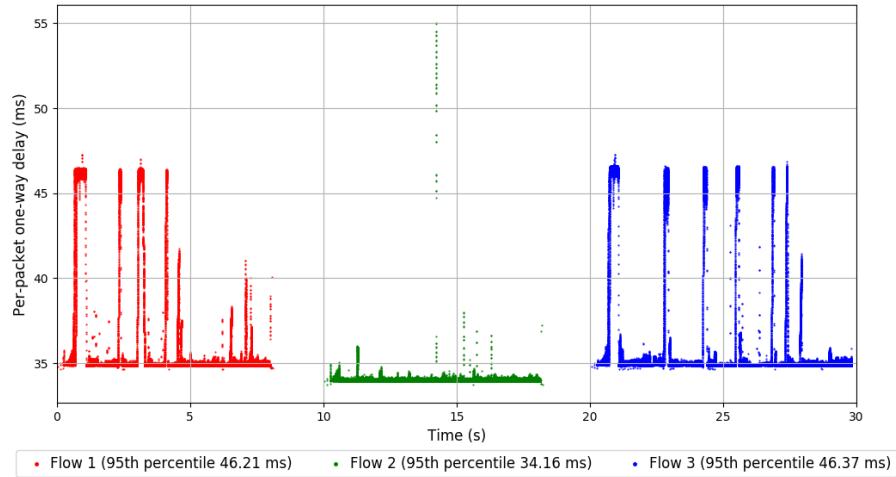
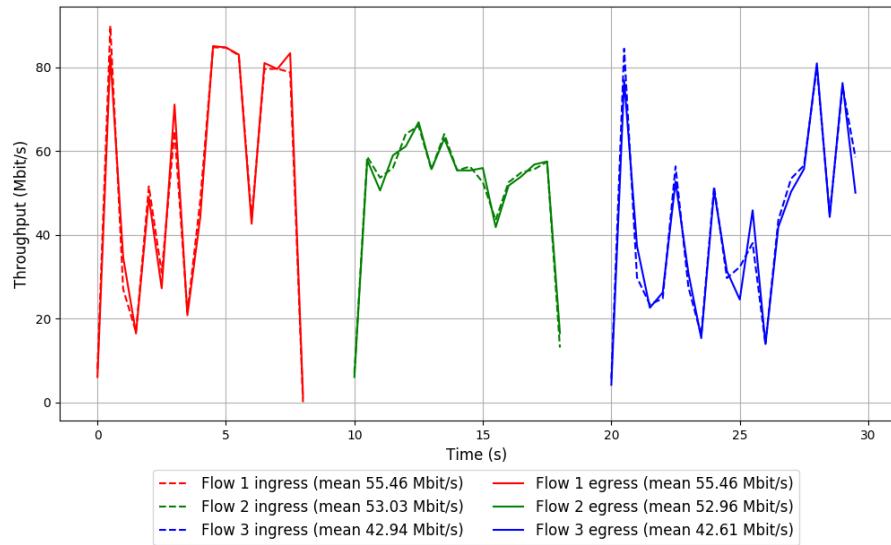


Run 9: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 02:26:24 +0000
End at: Mon, 10 Jul 2017 02:26:54 +0000
Local clock offset: 0.829 ms
Remote clock offset: -1.773 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.50 Mbit/s
95th percentile per-packet one-way delay: 46.180 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 55.46 Mbit/s
95th percentile per-packet one-way delay: 46.209 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 34.156 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 42.61 Mbit/s
95th percentile per-packet one-way delay: 46.374 ms
Loss rate: 1.64%
```

Run 9: Report of QUIC Cubic — Data Link

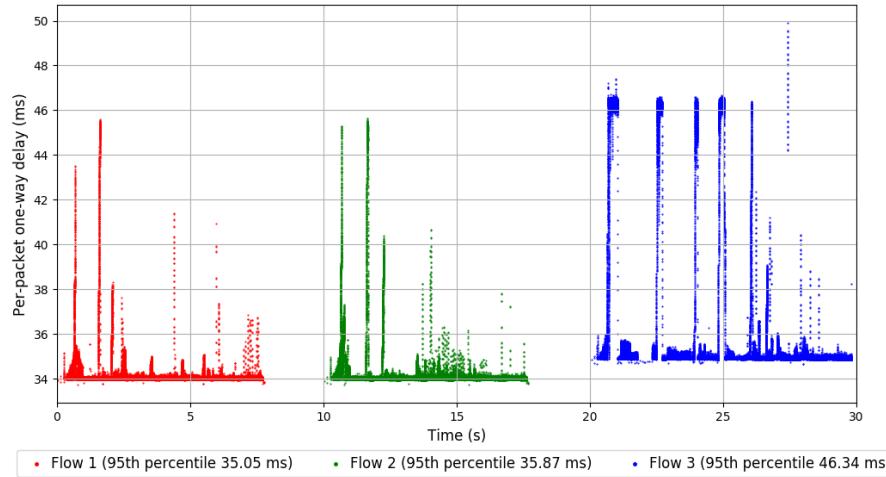
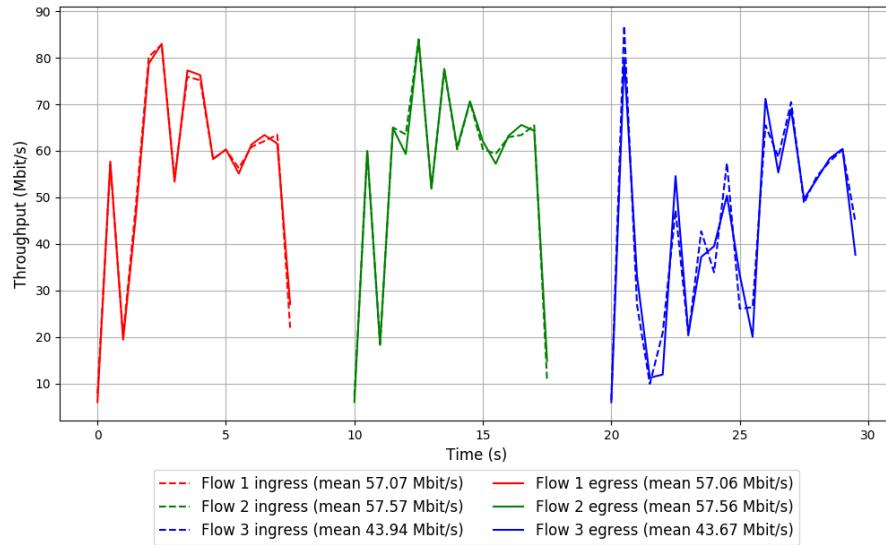


```
Run 10: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 02:47:03 +0000
End at: Mon, 10 Jul 2017 02:47:33 +0000
Local clock offset: 0.842 ms
Remote clock offset: -3.913 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:38:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 45.815 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 57.06 Mbit/s
95th percentile per-packet one-way delay: 35.052 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 57.56 Mbit/s
95th percentile per-packet one-way delay: 35.868 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 43.67 Mbit/s
95th percentile per-packet one-way delay: 46.340 ms
Loss rate: 1.46%
```

Run 10: Report of QUIC Cubic — Data Link

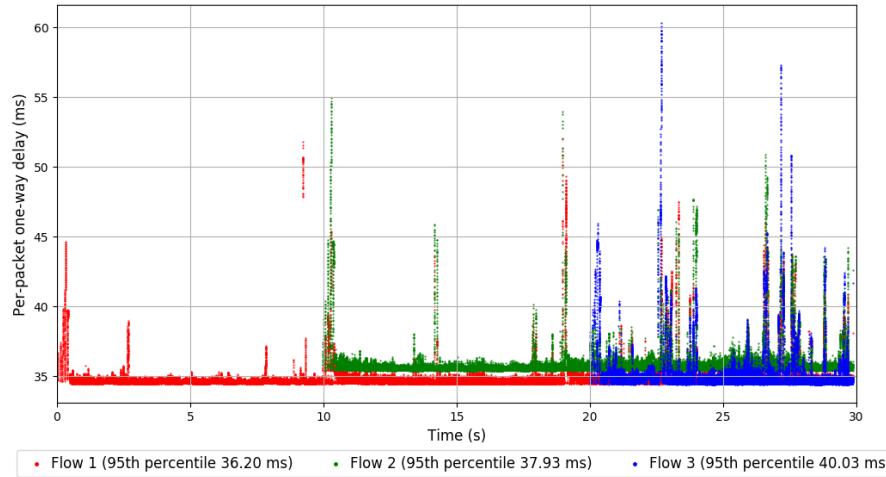
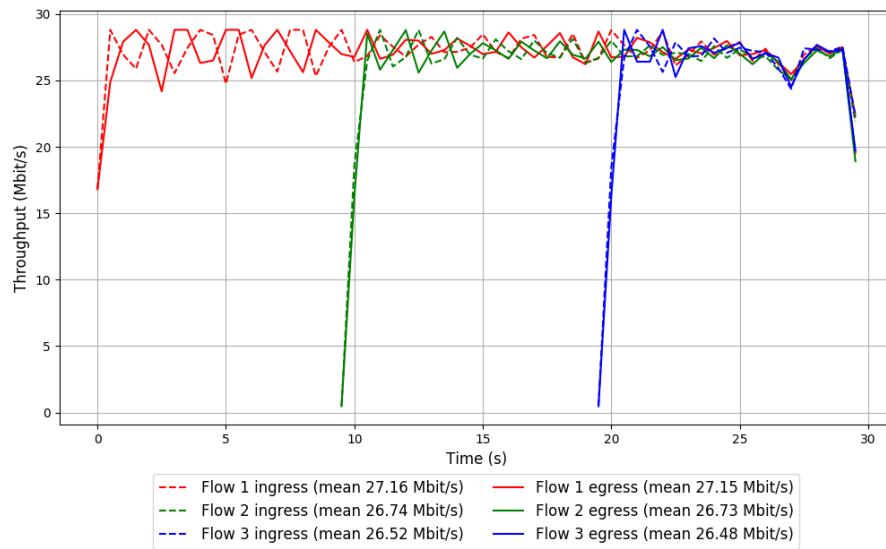


Run 1: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:41:35 +0000
End at: Sun, 09 Jul 2017 23:42:06 +0000
Local clock offset: 0.701 ms
Remote clock offset: -1.043 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 37.585 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 27.15 Mbit/s
95th percentile per-packet one-way delay: 36.201 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 26.73 Mbit/s
95th percentile per-packet one-way delay: 37.928 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 40.030 ms
Loss rate: 0.96%
```

Run 1: Report of Saturator — Data Link

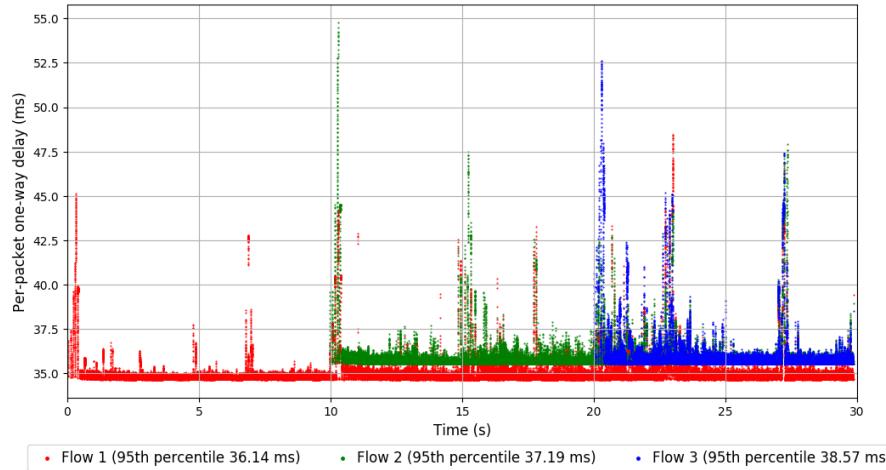
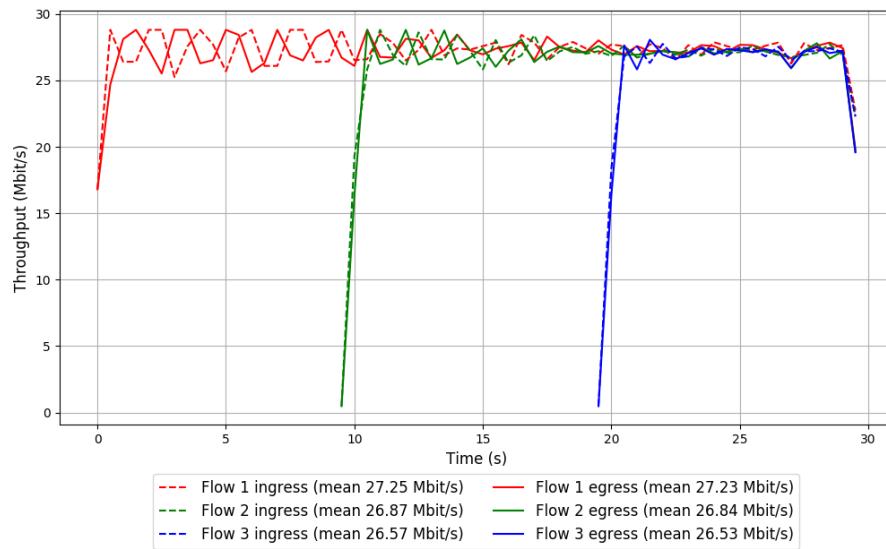


Run 2: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:02:15 +0000
End at: Mon, 10 Jul 2017 00:02:45 +0000
Local clock offset: 0.629 ms
Remote clock offset: -1.343 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.90 Mbit/s
95th percentile per-packet one-way delay: 36.959 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 27.23 Mbit/s
95th percentile per-packet one-way delay: 36.142 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 37.193 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 38.568 ms
Loss rate: 1.00%
```

Run 2: Report of Saturator — Data Link

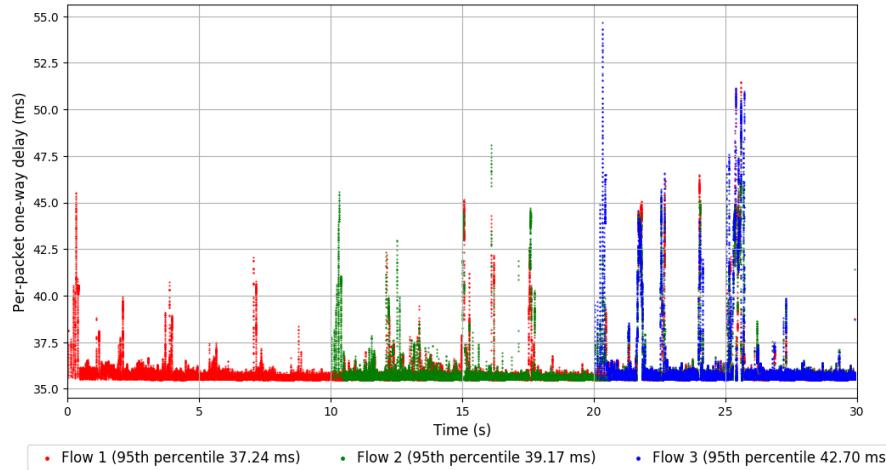
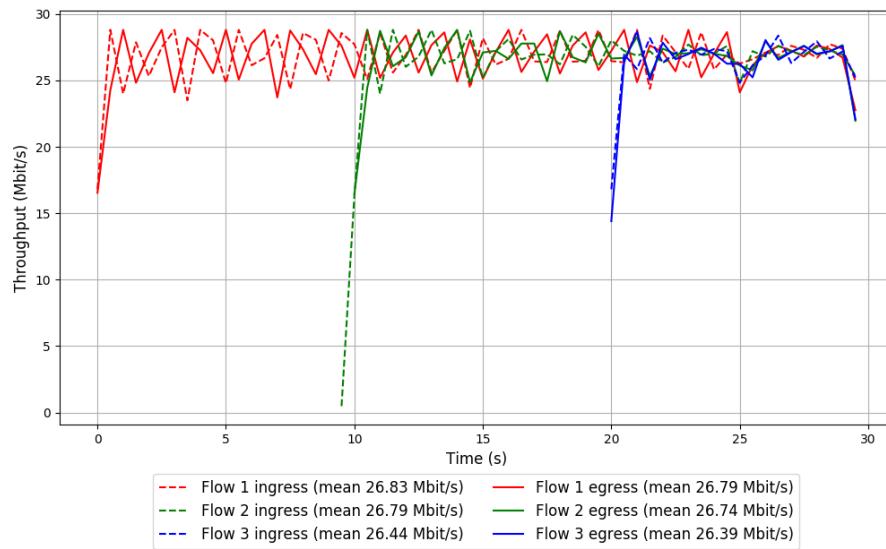


Run 3: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:23:13 +0000
End at: Mon, 10 Jul 2017 00:23:43 +0000
Local clock offset: 0.747 ms
Remote clock offset: -1.494 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.31 Mbit/s
95th percentile per-packet one-way delay: 38.785 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 37.241 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 26.74 Mbit/s
95th percentile per-packet one-way delay: 39.175 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 42.698 ms
Loss rate: 1.02%
```

Run 3: Report of Saturator — Data Link

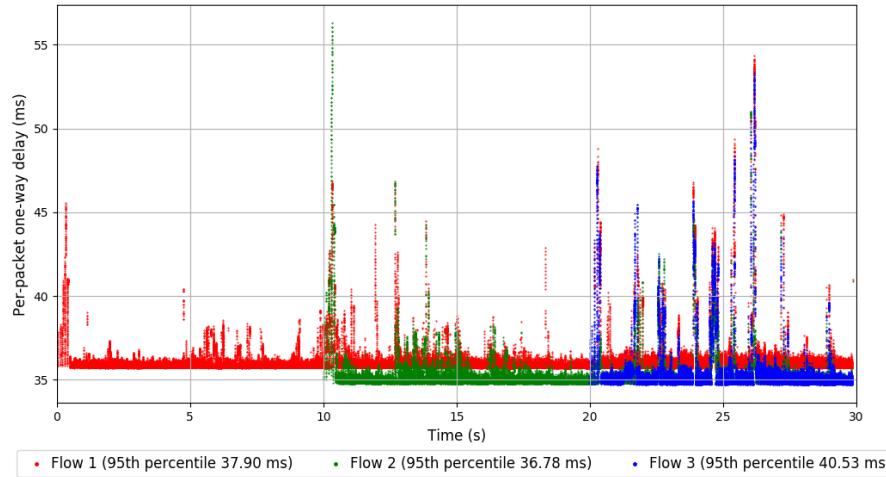
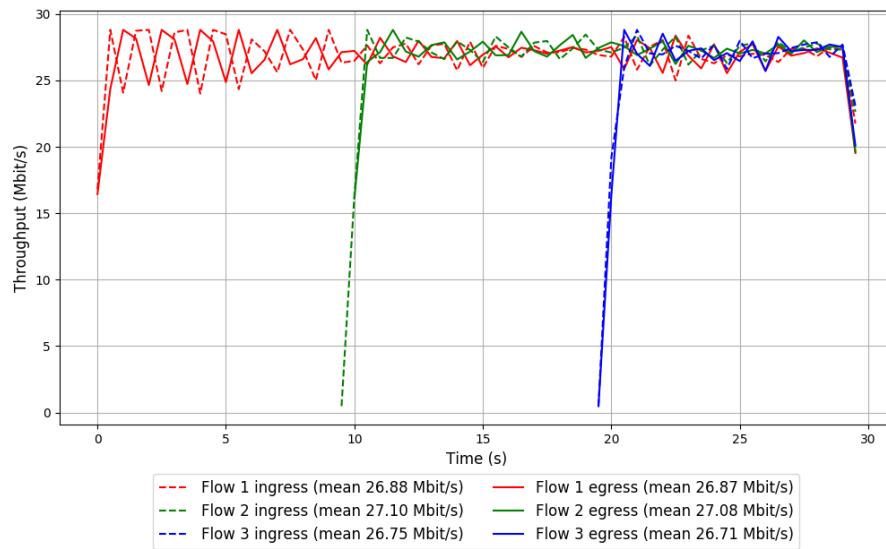


Run 4: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:44:10 +0000
End at: Mon, 10 Jul 2017 00:44:40 +0000
Local clock offset: 0.664 ms
Remote clock offset: -1.369 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 37.925 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 37.902 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 27.08 Mbit/s
95th percentile per-packet one-way delay: 36.779 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 26.71 Mbit/s
95th percentile per-packet one-way delay: 40.532 ms
Loss rate: 0.99%
```

Run 4: Report of Saturator — Data Link

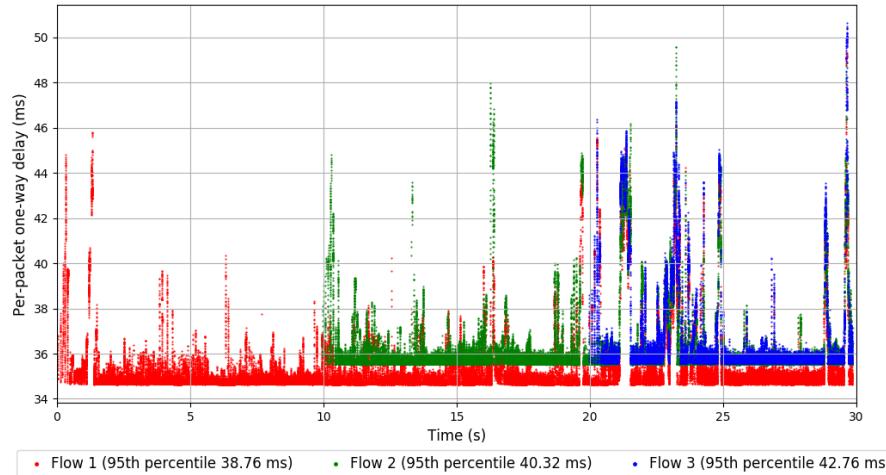
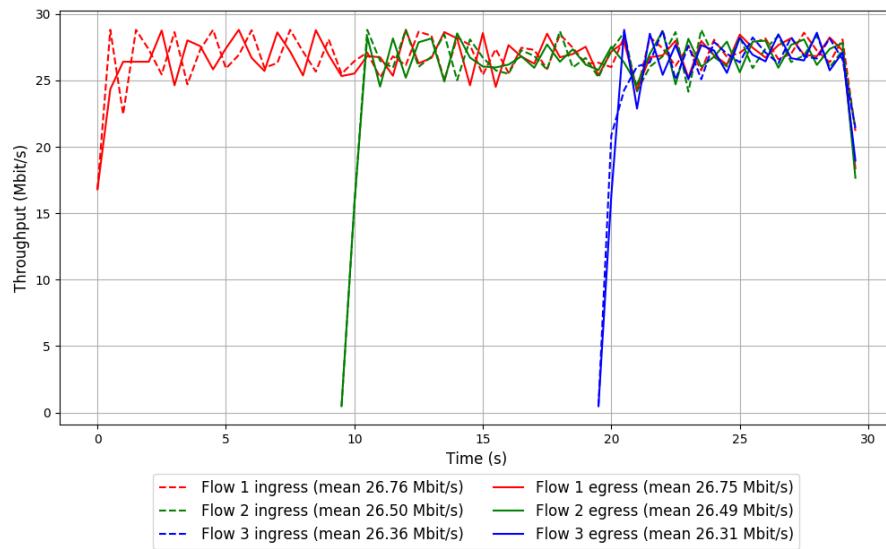


Run 5: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:04:58 +0000
End at: Mon, 10 Jul 2017 01:05:28 +0000
Local clock offset: 0.626 ms
Remote clock offset: -1.014 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 40.213 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 26.75 Mbit/s
95th percentile per-packet one-way delay: 38.758 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 26.49 Mbit/s
95th percentile per-packet one-way delay: 40.324 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 26.31 Mbit/s
95th percentile per-packet one-way delay: 42.755 ms
Loss rate: 1.15%
```

Run 5: Report of Saturator — Data Link

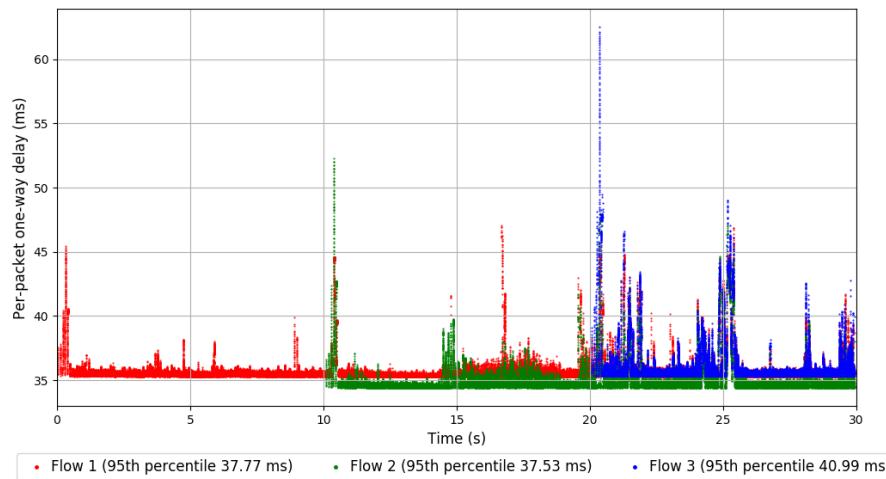
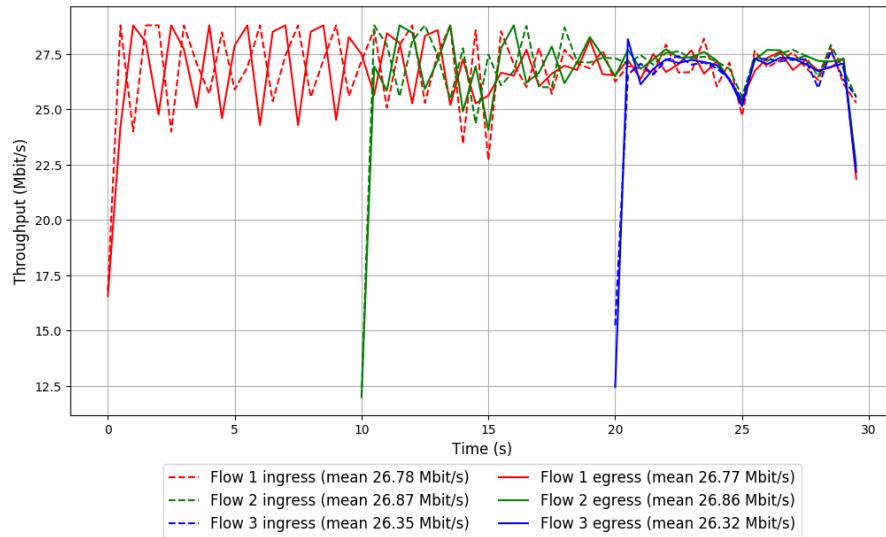


Run 6: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:25:45 +0000
End at: Mon, 10 Jul 2017 01:26:15 +0000
Local clock offset: 0.669 ms
Remote clock offset: -3.535 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.27 Mbit/s
95th percentile per-packet one-way delay: 38.294 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 26.77 Mbit/s
95th percentile per-packet one-way delay: 37.765 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 37.535 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 40.986 ms
Loss rate: 0.93%
```

Run 6: Report of Saturator — Data Link

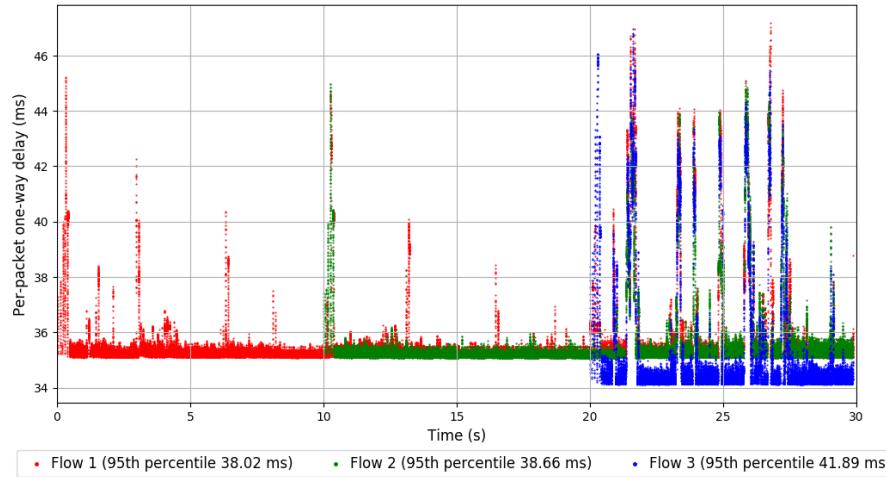
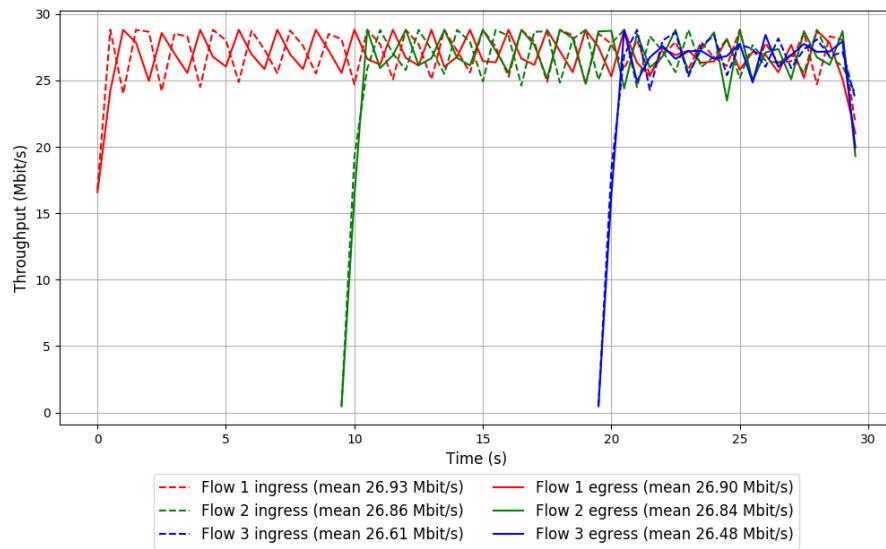


Run 7: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:46:28 +0000
End at: Mon, 10 Jul 2017 01:46:58 +0000
Local clock offset: 0.76 ms
Remote clock offset: -1.694 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.53 Mbit/s
95th percentile per-packet one-way delay: 39.370 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 26.90 Mbit/s
95th percentile per-packet one-way delay: 38.023 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 38.659 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 41.887 ms
Loss rate: 1.30%
```

Run 7: Report of Saturator — Data Link

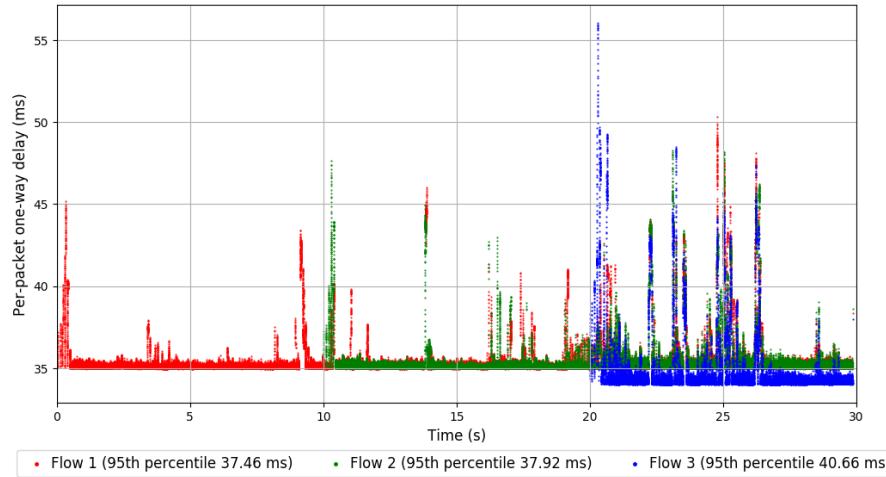
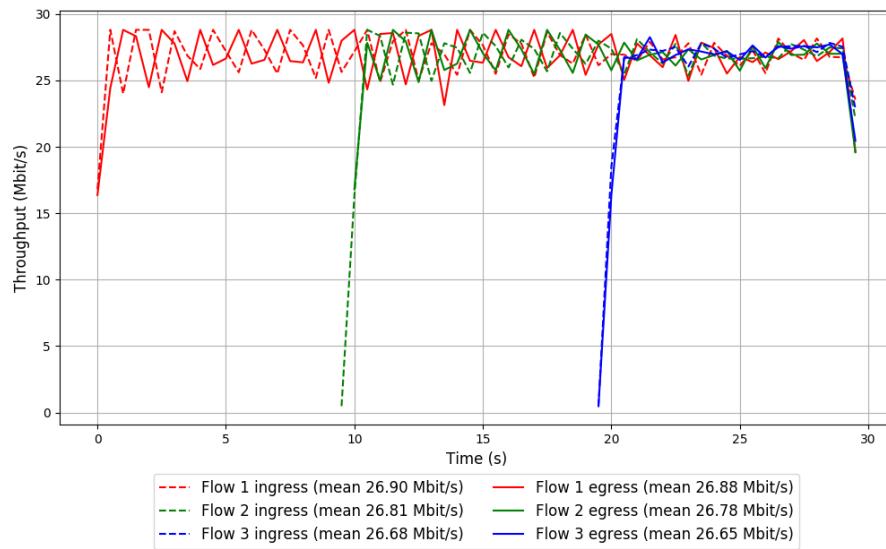


Run 8: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 02:07:11 +0000
End at: Mon, 10 Jul 2017 02:07:41 +0000
Local clock offset: 0.917 ms
Remote clock offset: -1.263 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.53 Mbit/s
95th percentile per-packet one-way delay: 38.114 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 37.461 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 37.919 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 40.660 ms
Loss rate: 0.96%
```

Run 8: Report of Saturator — Data Link

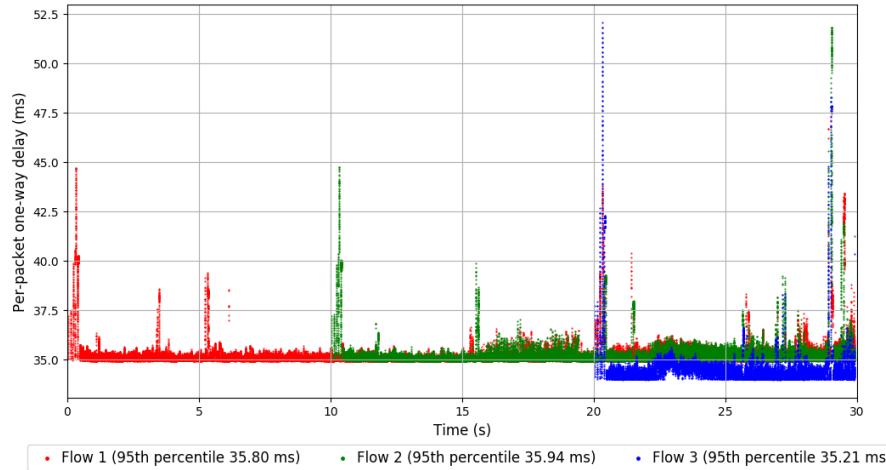
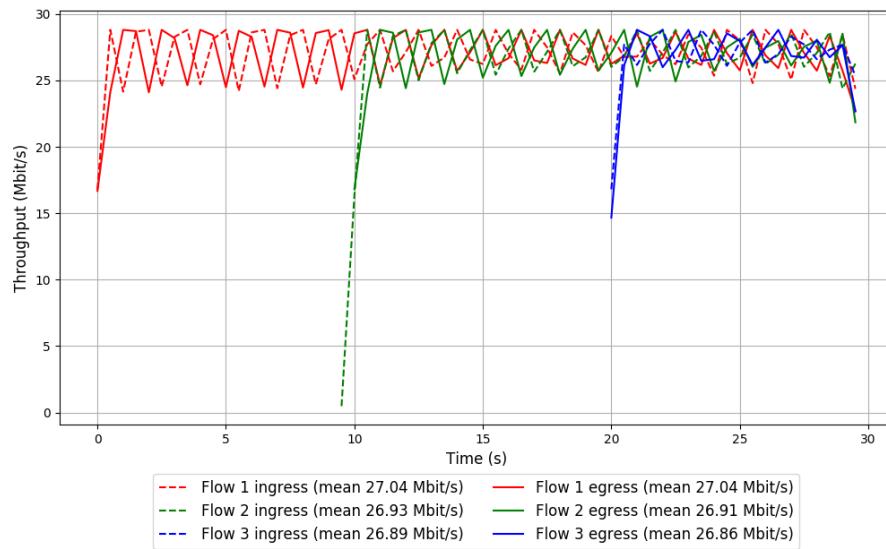


Run 9: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 02:27:44 +0000
End at: Mon, 10 Jul 2017 02:28:14 +0000
Local clock offset: 0.93 ms
Remote clock offset: -1.849 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.81 Mbit/s
95th percentile per-packet one-way delay: 35.810 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 35.804 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 26.91 Mbit/s
95th percentile per-packet one-way delay: 35.937 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 35.206 ms
Loss rate: 0.89%
```

Run 9: Report of Saturator — Data Link

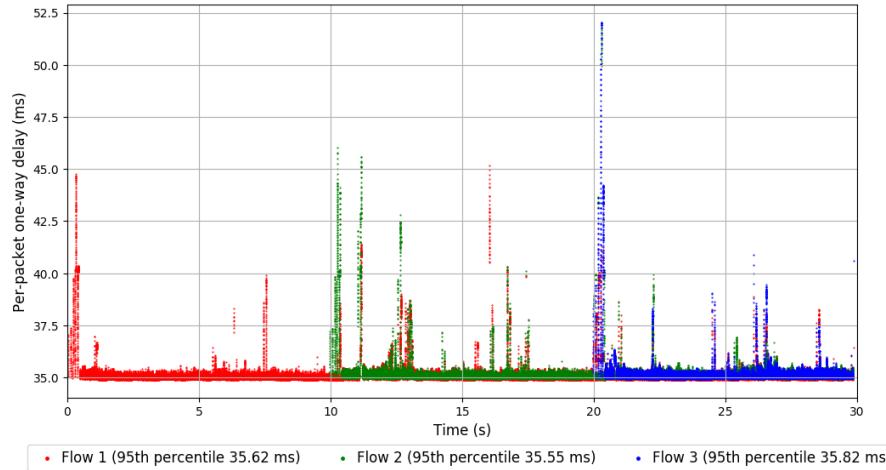
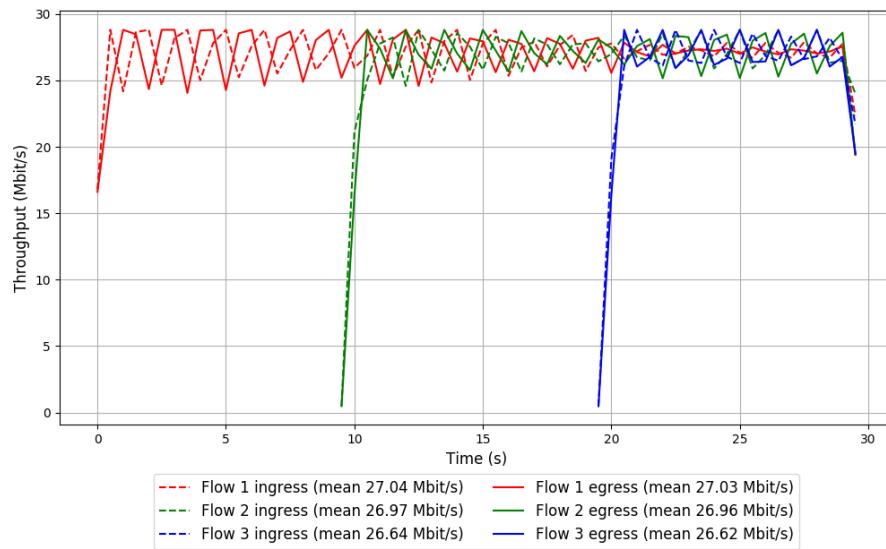


Run 10: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 02:48:24 +0000
End at: Mon, 10 Jul 2017 02:48:54 +0000
Local clock offset: 0.862 ms
Remote clock offset: -3.859 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 35.631 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 27.03 Mbit/s
95th percentile per-packet one-way delay: 35.618 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 26.96 Mbit/s
95th percentile per-packet one-way delay: 35.555 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 35.824 ms
Loss rate: 0.90%
```

Run 10: Report of Saturator — Data Link

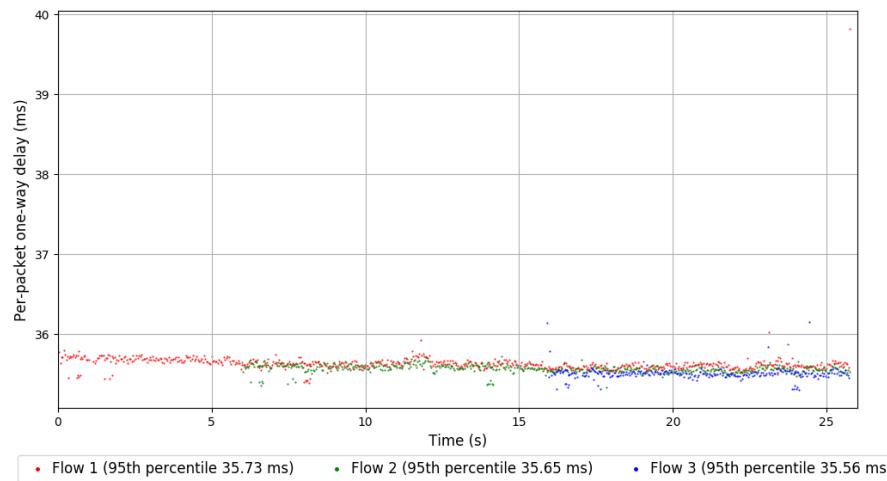
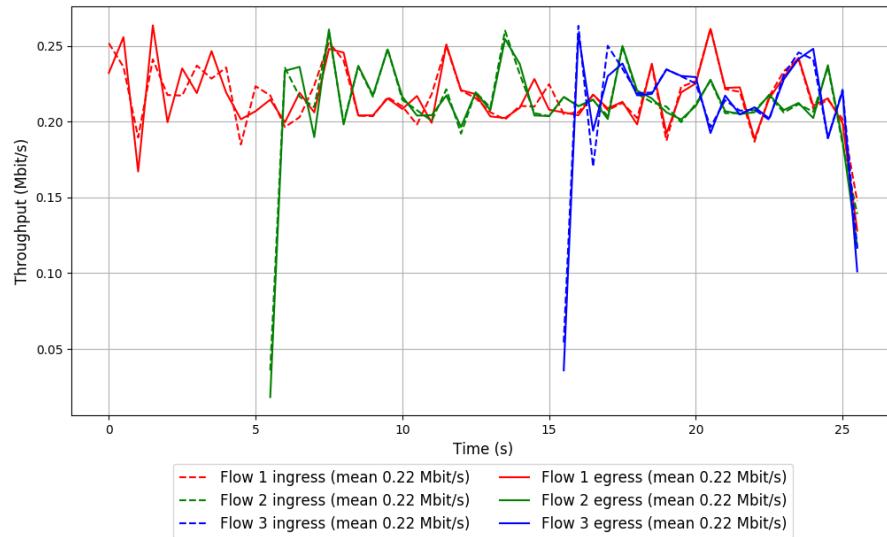


```
Run 1: Statistics of SCReAM
```

```
Start at: Sun, 09 Jul 2017 23:33:34 +0000
End at: Sun, 09 Jul 2017 23:34:04 +0000
Local clock offset: 0.591 ms
Remote clock offset: -3.462 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 35.707 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.725 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.645 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.560 ms
Loss rate: 0.74%
```

Run 1: Report of SCReAM — Data Link

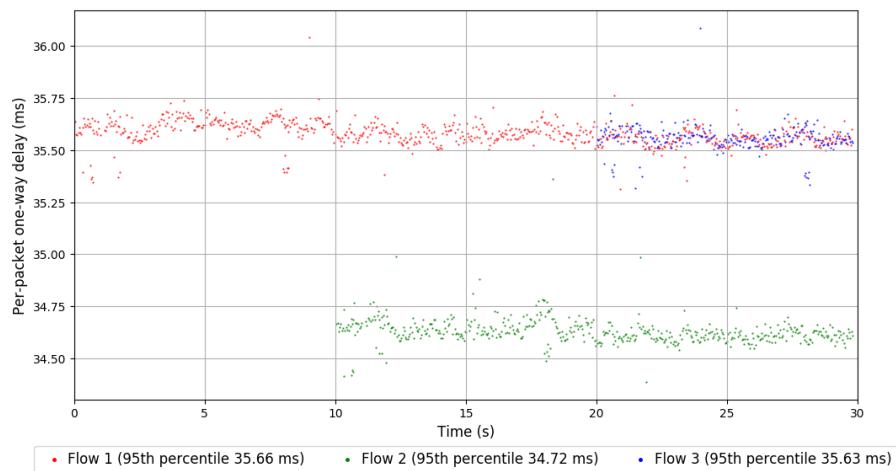
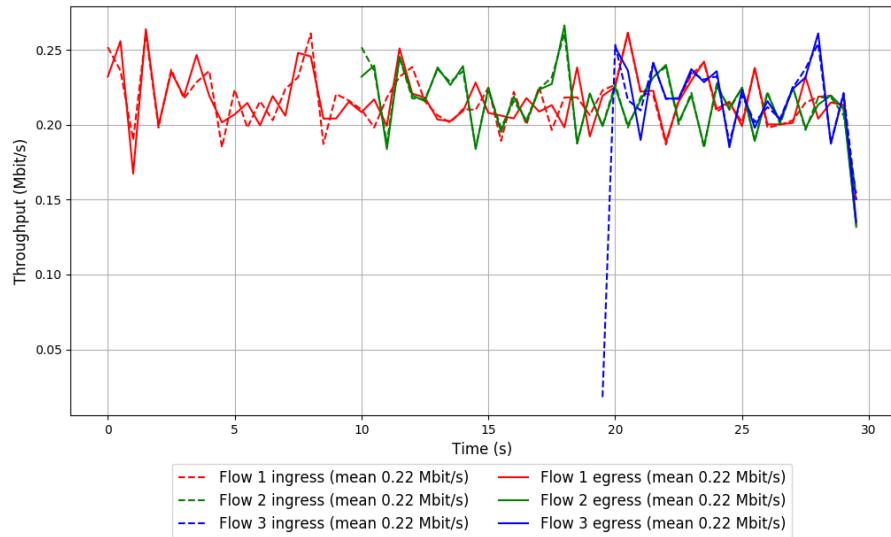


Run 2: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:54:02 +0000
End at: Sun, 09 Jul 2017 23:54:32 +0000
Local clock offset: 0.702 ms
Remote clock offset: -1.076 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.652 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.665 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.724 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.630 ms
Loss rate: 0.74%
```

Run 2: Report of SCReAM — Data Link

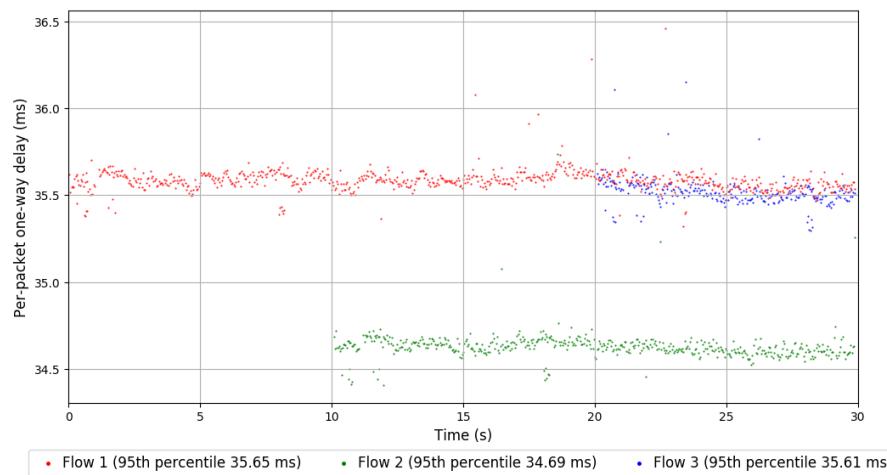
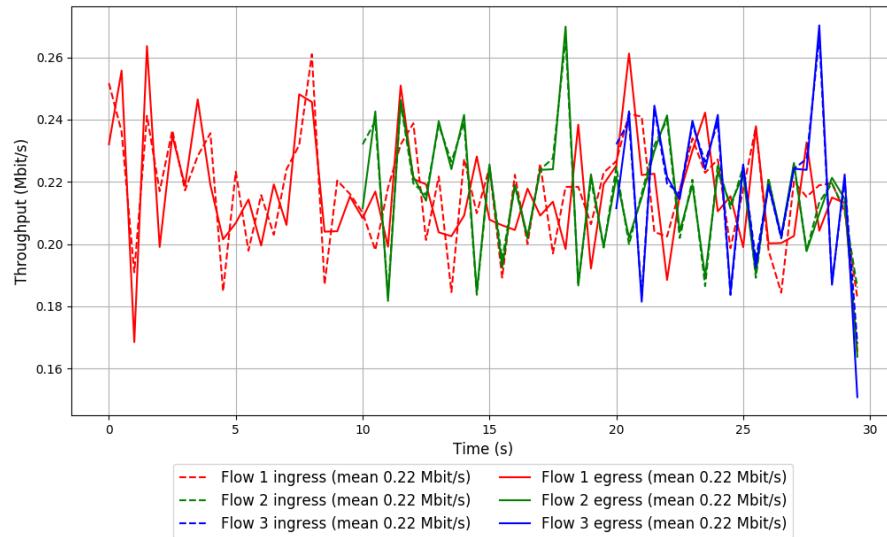


Run 3: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:14:42 +0000
End at: Mon, 10 Jul 2017 00:15:12 +0000
Local clock offset: 0.755 ms
Remote clock offset: -3.576 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.640 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.653 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.692 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.607 ms
Loss rate: 0.76%
```

Run 3: Report of SCReAM — Data Link

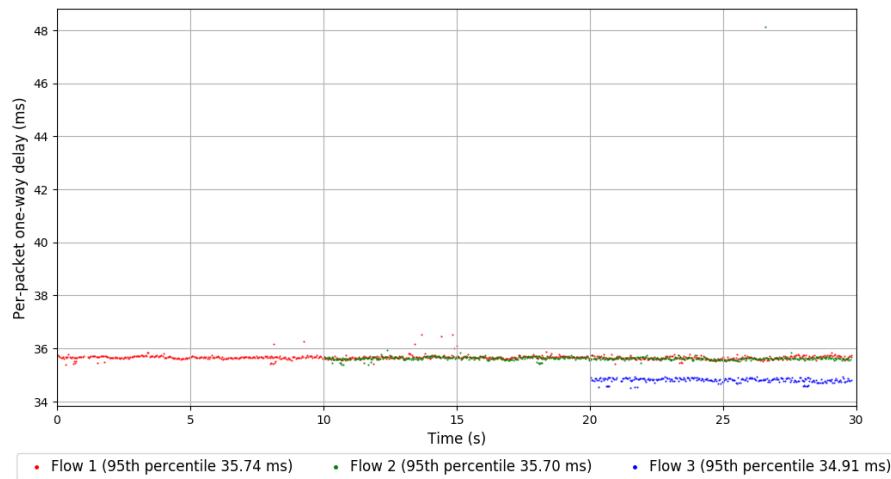
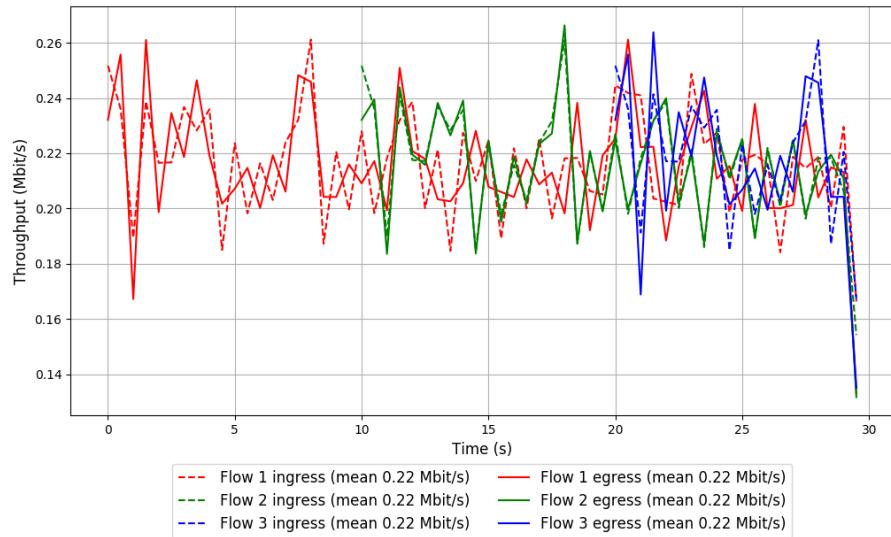


Run 4: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:35:48 +0000
End at: Mon, 10 Jul 2017 00:36:18 +0000
Local clock offset: 0.617 ms
Remote clock offset: -1.403 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.726 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.744 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.703 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.905 ms
Loss rate: 1.11%
```

Run 4: Report of SCReAM — Data Link

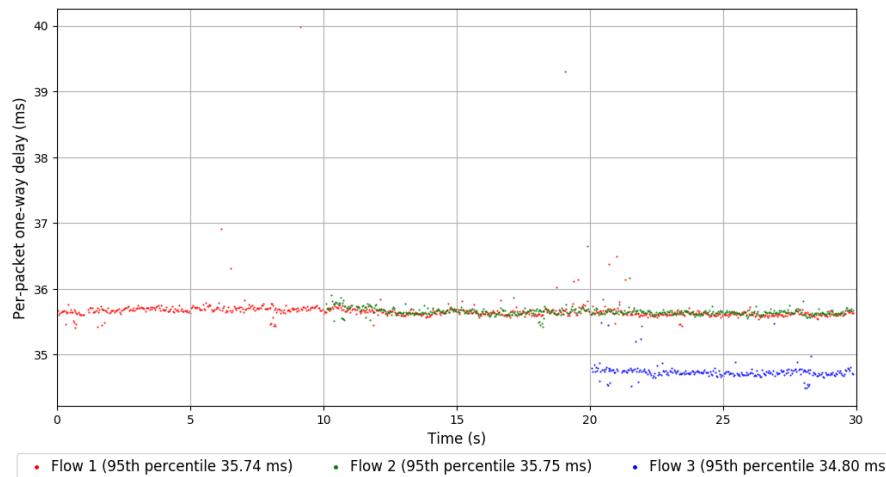
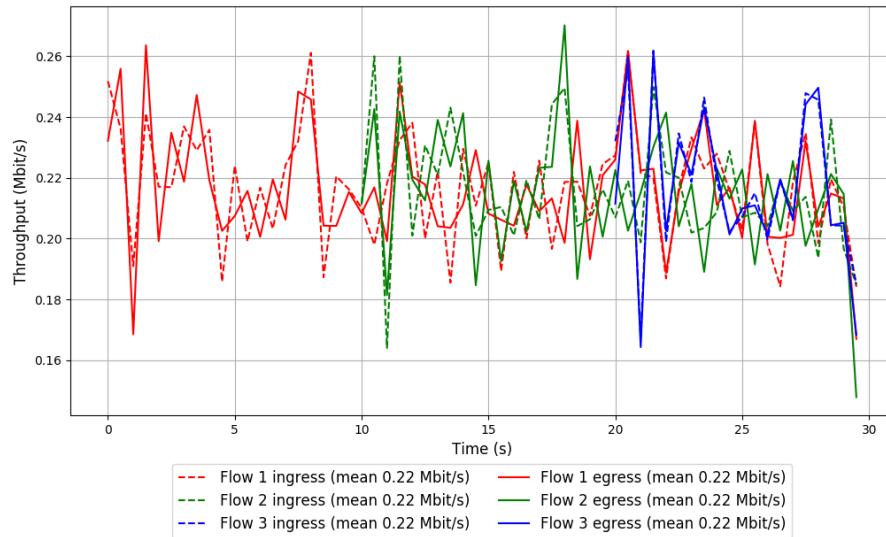


Run 5: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:56:41 +0000
End at: Mon, 10 Jul 2017 00:57:11 +0000
Local clock offset: 0.503 ms
Remote clock offset: -3.393 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.743 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.745 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.749 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.805 ms
Loss rate: 0.74%
```

Run 5: Report of SCReAM — Data Link

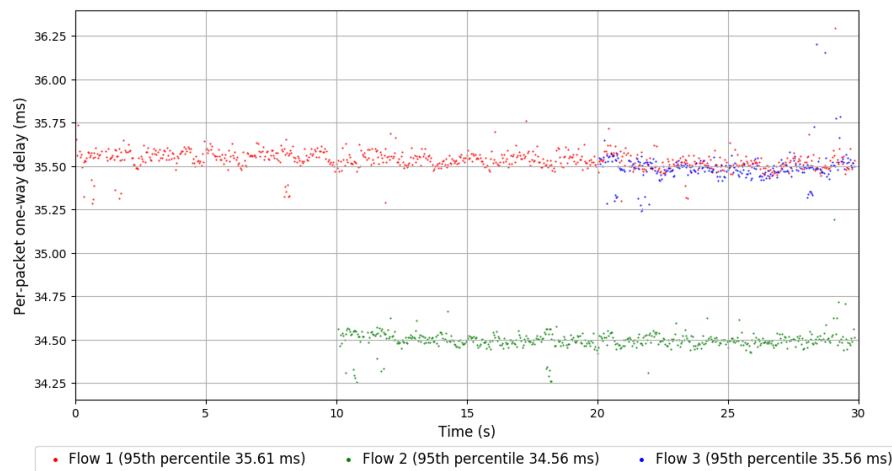
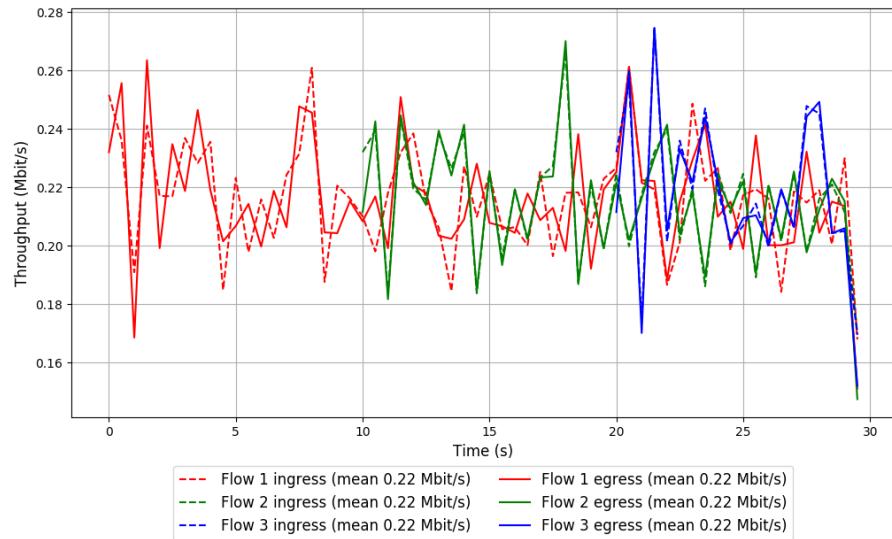


Run 6: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:17:32 +0000
End at: Mon, 10 Jul 2017 01:18:02 +0000
Local clock offset: 0.615 ms
Remote clock offset: -3.581 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.597 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.608 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.557 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.562 ms
Loss rate: 0.76%
```

Run 6: Report of SCReAM — Data Link

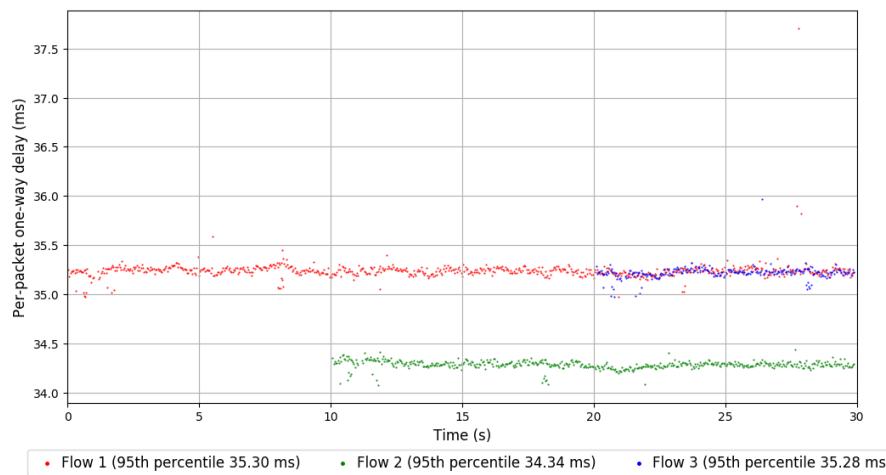
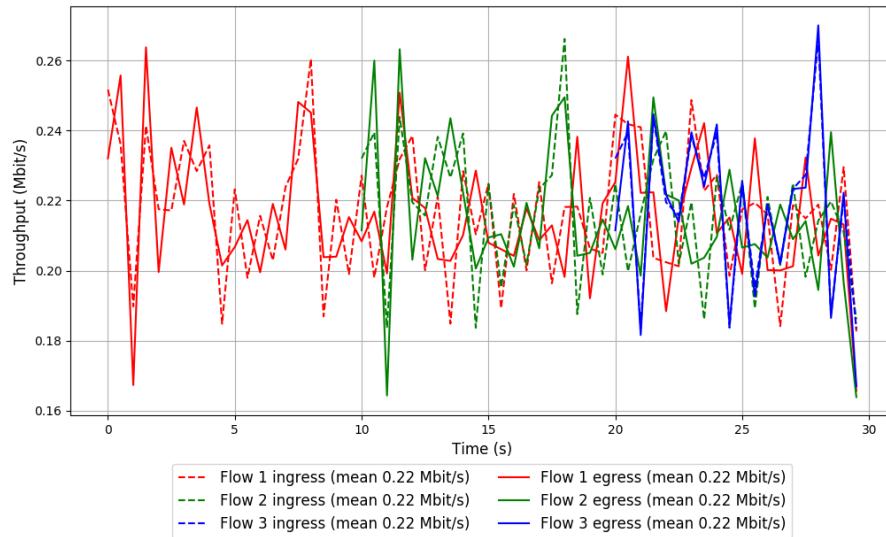


Run 7: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:38:15 +0000
End at: Mon, 10 Jul 2017 01:38:45 +0000
Local clock offset: 0.735 ms
Remote clock offset: -1.139 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.286 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.299 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.340 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.283 ms
Loss rate: 0.73%
```

Run 7: Report of SCReAM — Data Link

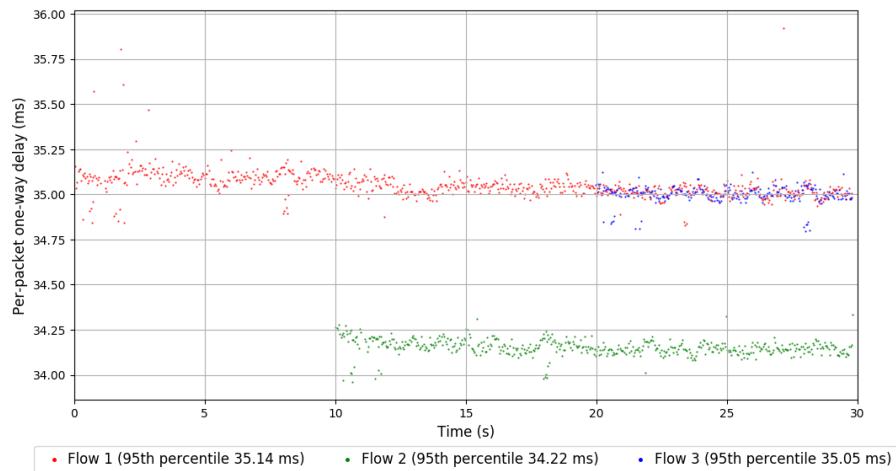
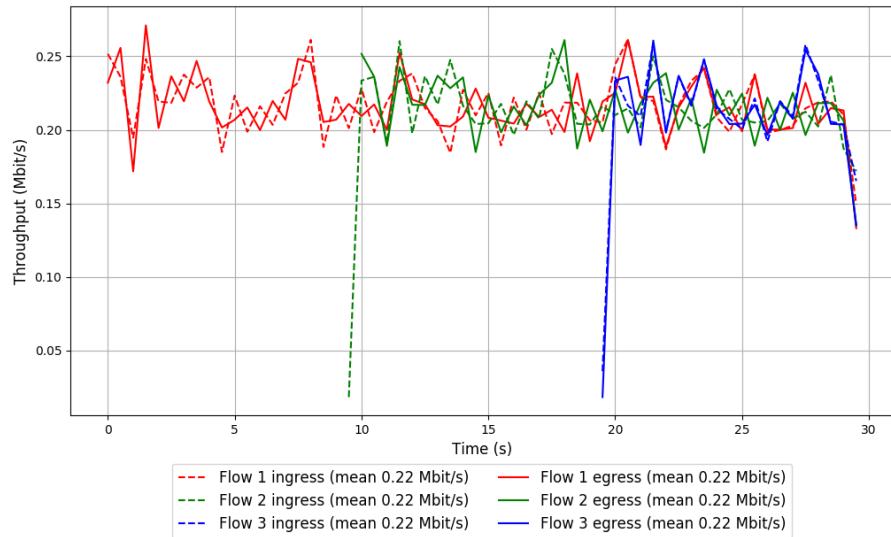


Run 8: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:58:59 +0000
End at: Mon, 10 Jul 2017 01:59:29 +0000
Local clock offset: 0.872 ms
Remote clock offset: -3.867 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.125 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.140 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.221 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.054 ms
Loss rate: 1.09%
```

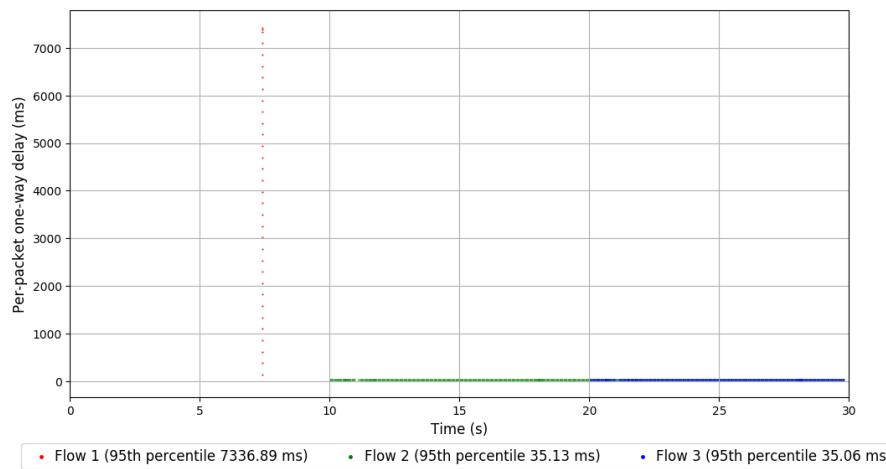
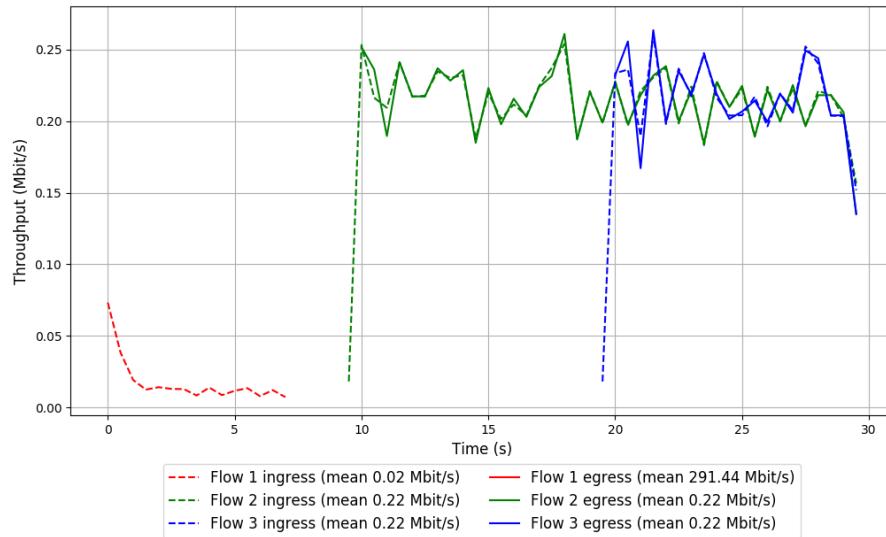
Run 8: Report of SCReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Mon, 10 Jul 2017 02:19:33 +0000
End at: Mon, 10 Jul 2017 02:20:03 +0000
Local clock offset: 0.873 ms
Remote clock offset: -3.809 ms

Run 9: Report of SCReAM — Data Link

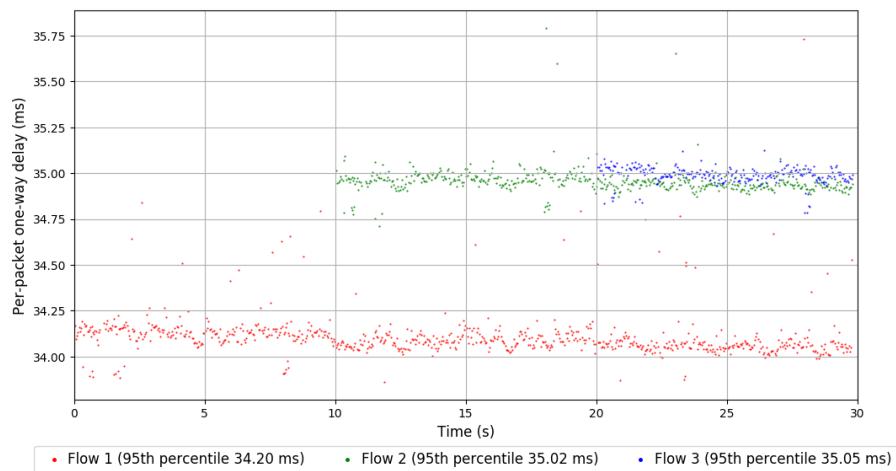
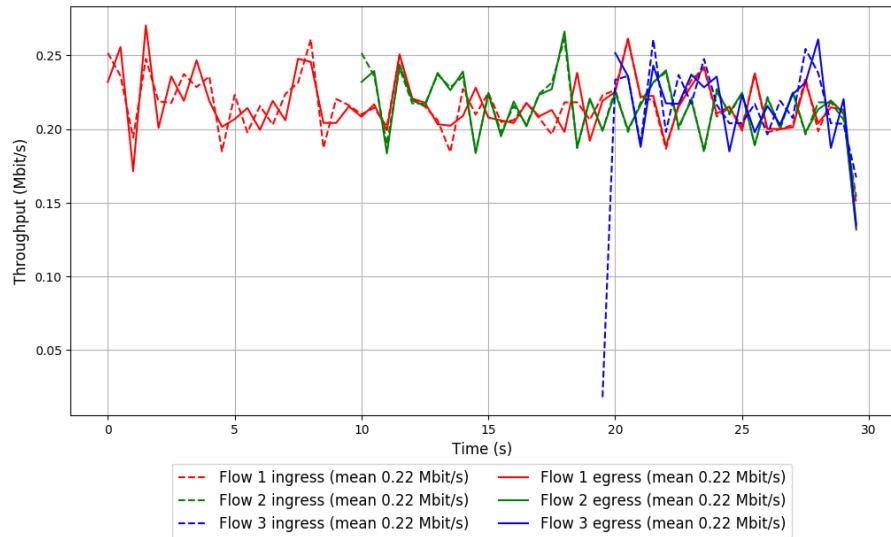


Run 10: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 02:40:12 +0000
End at: Mon, 10 Jul 2017 02:40:42 +0000
Local clock offset: 0.796 ms
Remote clock offset: -3.886 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 35.025 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.203 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.025 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.049 ms
Loss rate: 0.74%
```

Run 10: Report of SCReAM — Data Link

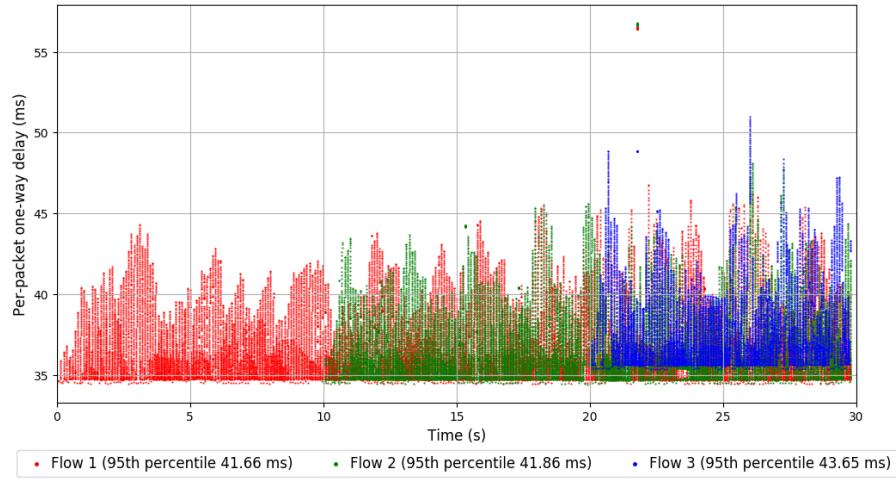
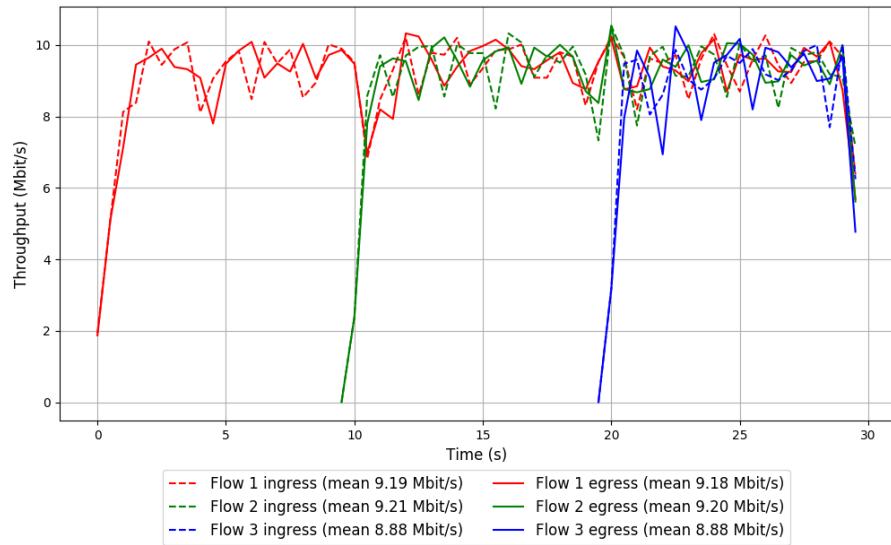


Run 1: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:30:50 +0000
End at: Sun, 09 Jul 2017 23:31:20 +0000
Local clock offset: 0.675 ms
Remote clock offset: -3.519 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 42.139 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 41.664 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 41.858 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 8.88 Mbit/s
95th percentile per-packet one-way delay: 43.645 ms
Loss rate: 1.04%
```

Run 1: Report of Sprout — Data Link

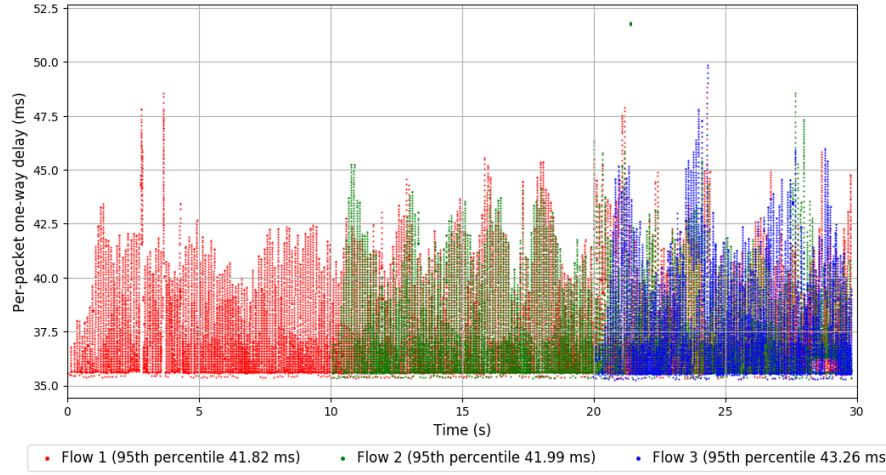
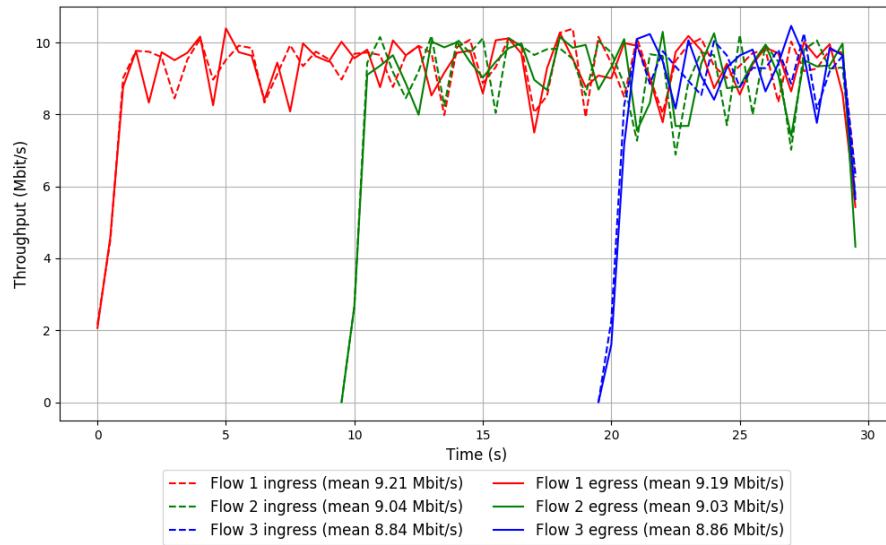


Run 2: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:51:17 +0000
End at: Sun, 09 Jul 2017 23:51:47 +0000
Local clock offset: 0.596 ms
Remote clock offset: -1.462 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.12 Mbit/s
95th percentile per-packet one-way delay: 42.132 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 41.821 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 41.986 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 8.86 Mbit/s
95th percentile per-packet one-way delay: 43.257 ms
Loss rate: 0.59%
```

Run 2: Report of Sprout — Data Link

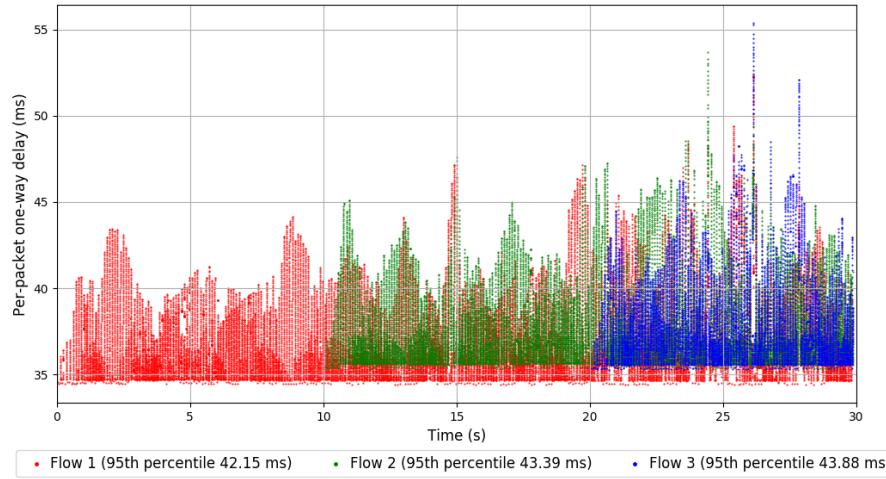
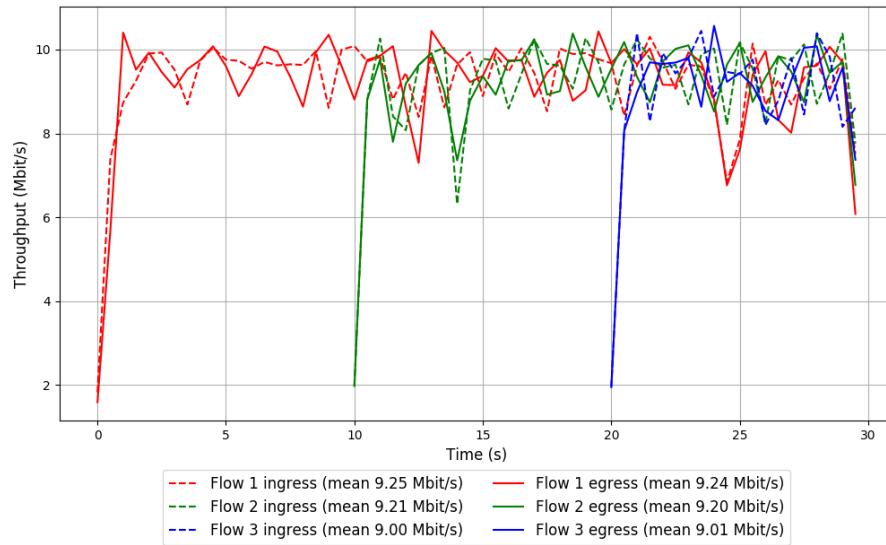


Run 3: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:11:57 +0000
End at: Mon, 10 Jul 2017 00:12:27 +0000
Local clock offset: 0.775 ms
Remote clock offset: -1.451 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.31 Mbit/s
95th percentile per-packet one-way delay: 42.902 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 42.146 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 43.391 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 43.884 ms
Loss rate: 0.70%
```

Run 3: Report of Sprout — Data Link

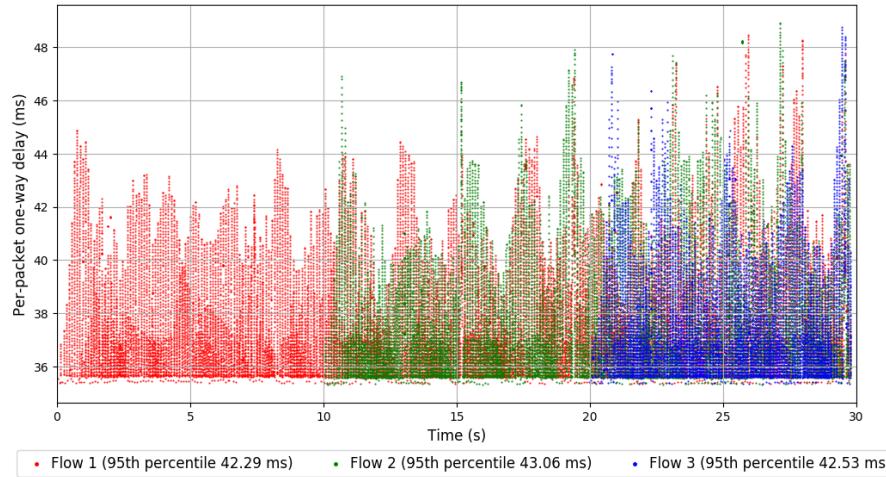
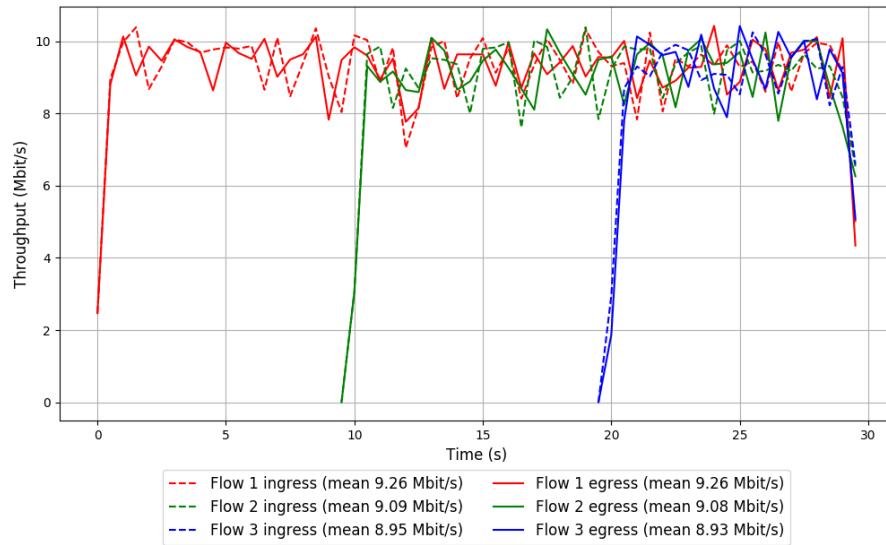


Run 4: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:33:03 +0000
End at: Mon, 10 Jul 2017 00:33:33 +0000
Local clock offset: 0.692 ms
Remote clock offset: -1.345 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 42.601 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 42.290 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 43.062 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 8.93 Mbit/s
95th percentile per-packet one-way delay: 42.533 ms
Loss rate: 1.02%
```

Run 4: Report of Sprout — Data Link

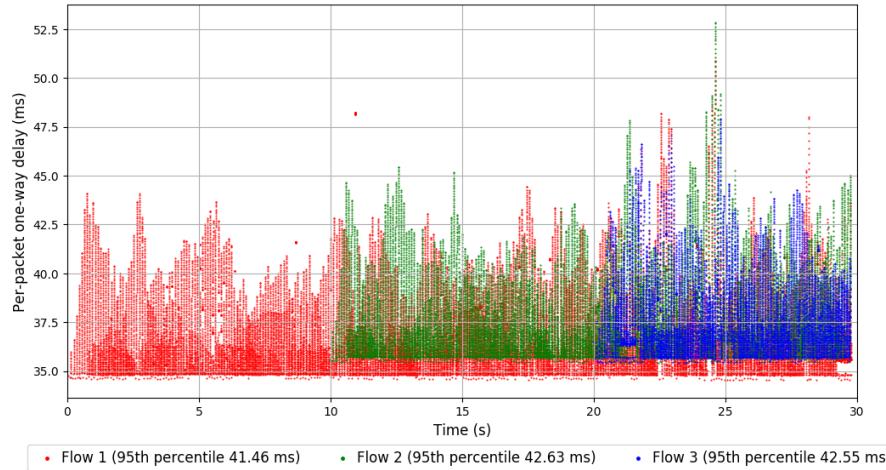
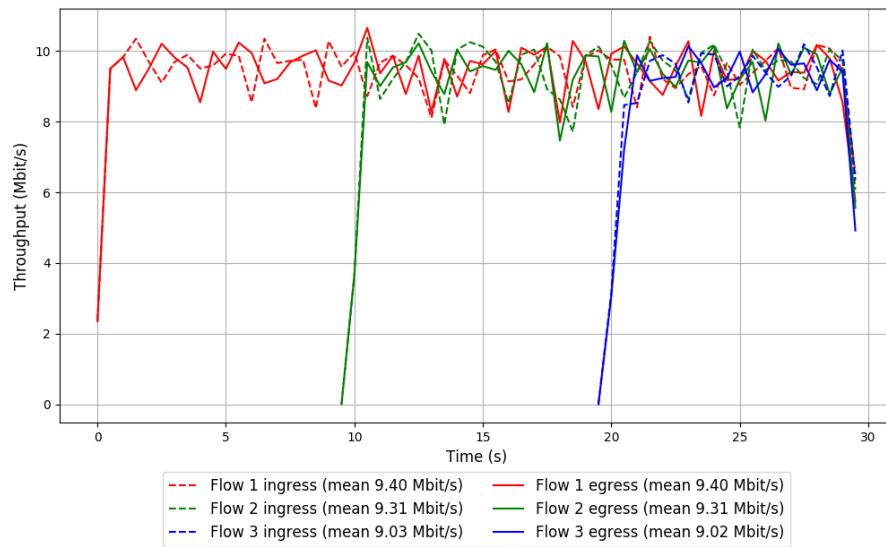


Run 5: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:53:56 +0000
End at: Mon, 10 Jul 2017 00:54:26 +0000
Local clock offset: 0.517 ms
Remote clock offset: -1.462 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.56 Mbit/s
95th percentile per-packet one-way delay: 42.045 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 41.458 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 9.31 Mbit/s
95th percentile per-packet one-way delay: 42.627 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 42.554 ms
Loss rate: 1.24%
```

Run 5: Report of Sprout — Data Link

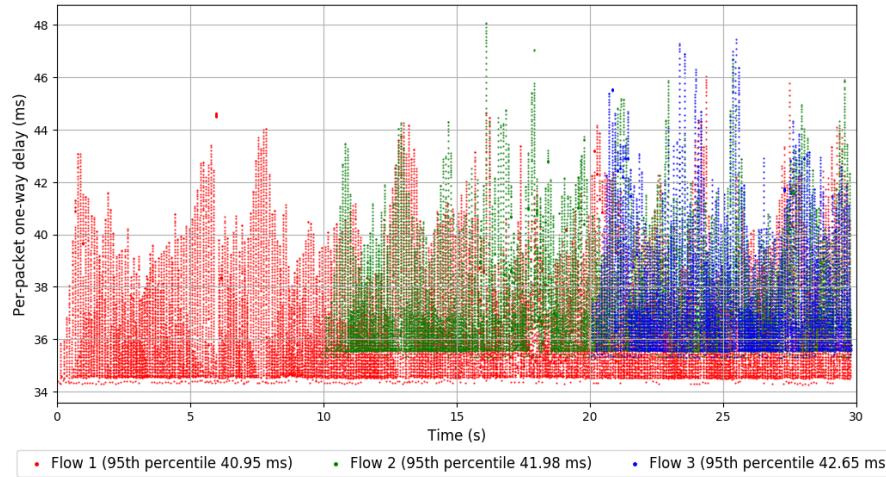
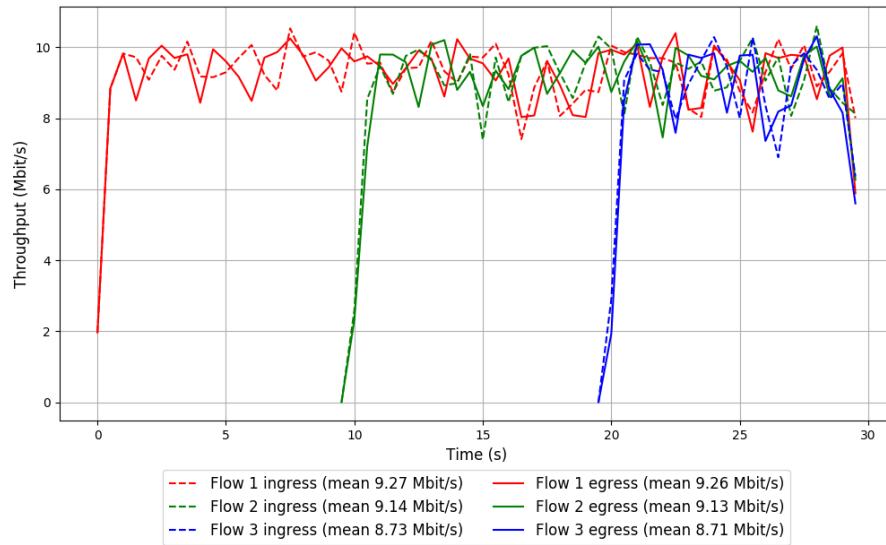


Run 6: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:14:43 +0000
End at: Mon, 10 Jul 2017 01:15:13 +0000
Local clock offset: 0.676 ms
Remote clock offset: -1.458 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.20 Mbit/s
95th percentile per-packet one-way delay: 41.685 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 40.955 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 41.983 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 8.71 Mbit/s
95th percentile per-packet one-way delay: 42.649 ms
Loss rate: 1.08%
```

Run 6: Report of Sprout — Data Link

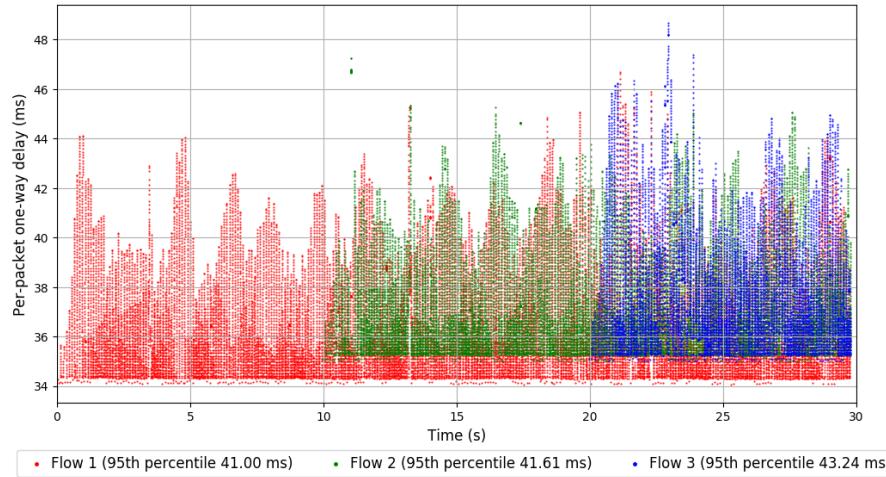
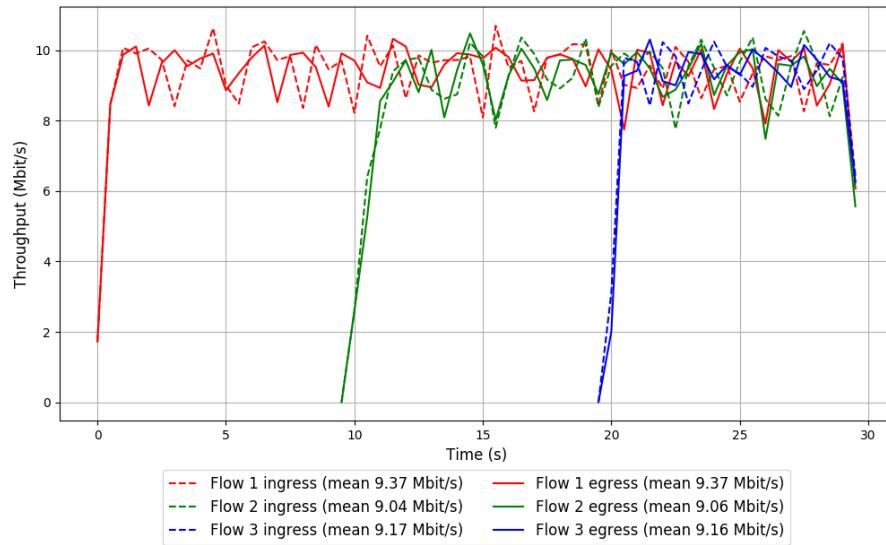


Run 7: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:35:30 +0000
End at: Mon, 10 Jul 2017 01:36:00 +0000
Local clock offset: 0.817 ms
Remote clock offset: -1.007 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:39:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.41 Mbit/s
95th percentile per-packet one-way delay: 41.651 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 41.004 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 41.611 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 43.240 ms
Loss rate: 0.97%
```

Run 7: Report of Sprout — Data Link

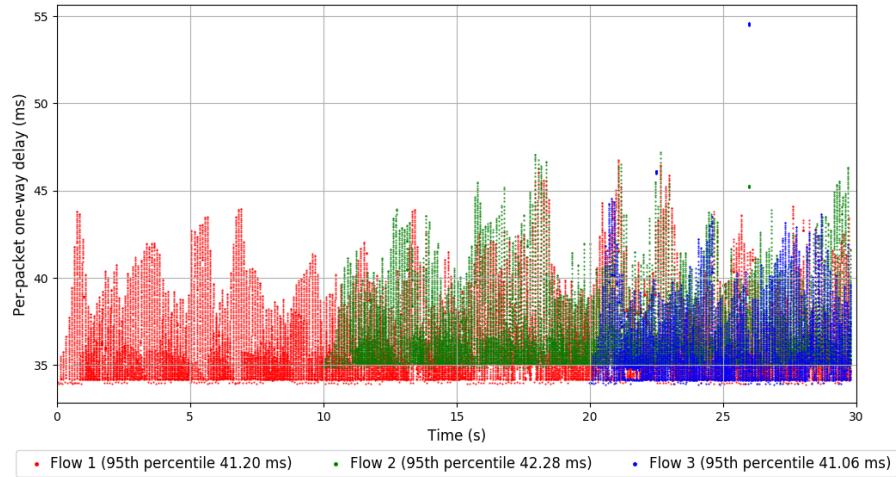
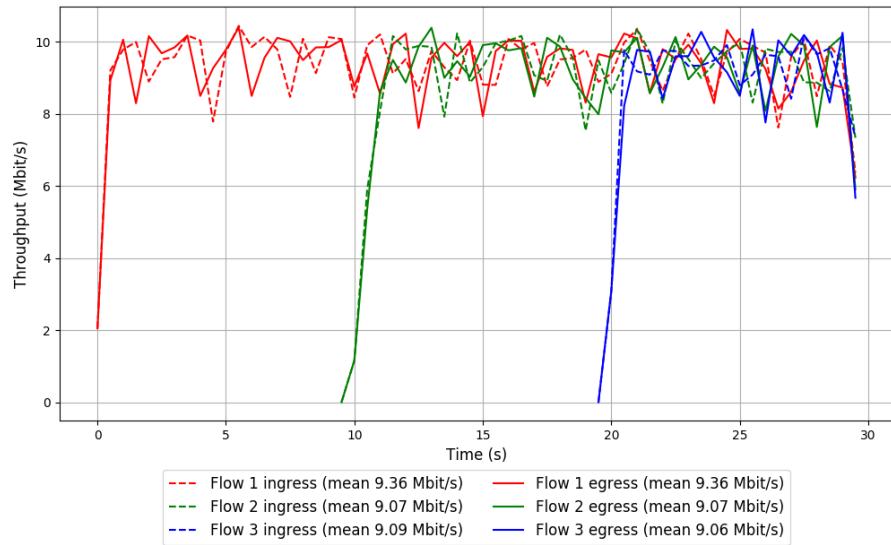


Run 8: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:56:15 +0000
End at: Mon, 10 Jul 2017 01:56:45 +0000
Local clock offset: 0.871 ms
Remote clock offset: -3.8 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:40:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.38 Mbit/s
95th percentile per-packet one-way delay: 41.543 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 9.36 Mbit/s
95th percentile per-packet one-way delay: 41.203 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 42.276 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 41.065 ms
Loss rate: 1.16%
```

Run 8: Report of Sprout — Data Link

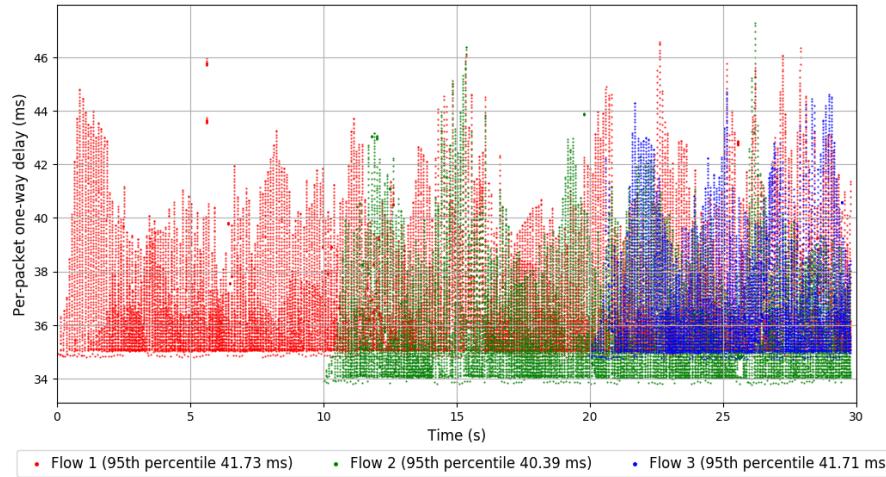
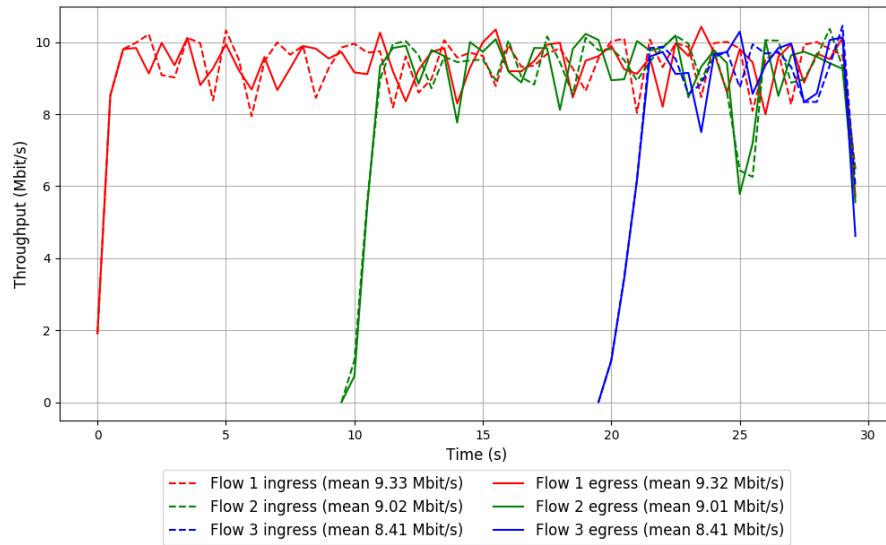


Run 9: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 02:16:50 +0000
End at: Mon, 10 Jul 2017 02:17:20 +0000
Local clock offset: 0.859 ms
Remote clock offset: -3.738 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:40:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.08 Mbit/s
95th percentile per-packet one-way delay: 41.414 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 41.732 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 40.391 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 41.712 ms
Loss rate: 1.02%
```

Run 9: Report of Sprout — Data Link

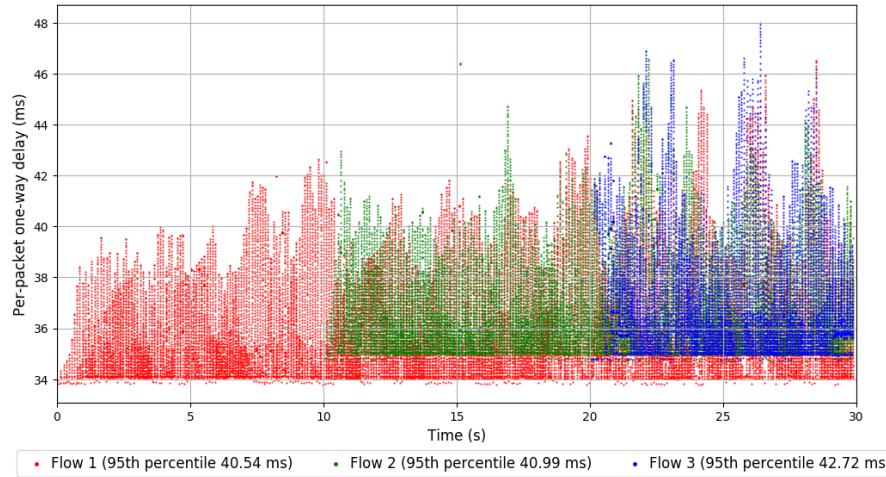
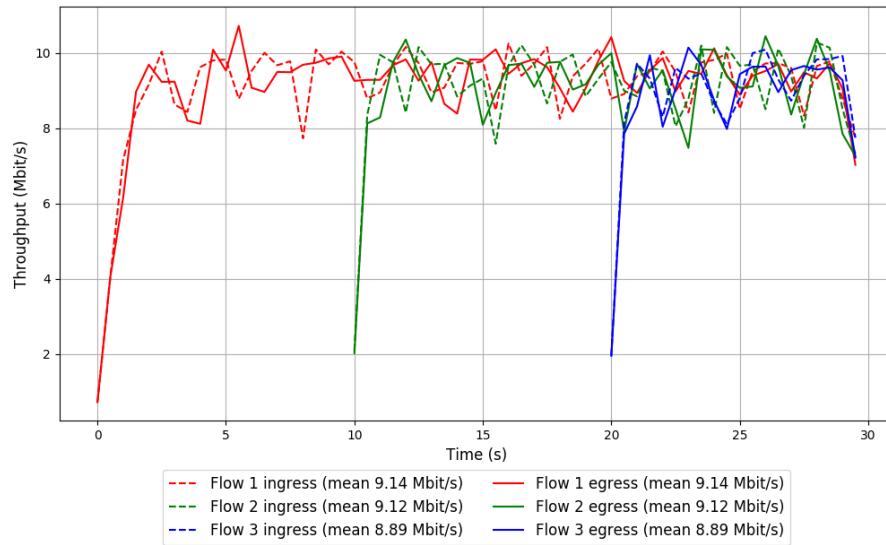


Run 10: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 02:37:28 +0000
End at: Mon, 10 Jul 2017 02:37:58 +0000
Local clock offset: 0.915 ms
Remote clock offset: -1.31 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:40:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.13 Mbit/s
95th percentile per-packet one-way delay: 41.089 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 40.541 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 40.993 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 8.89 Mbit/s
95th percentile per-packet one-way delay: 42.719 ms
Loss rate: 0.99%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

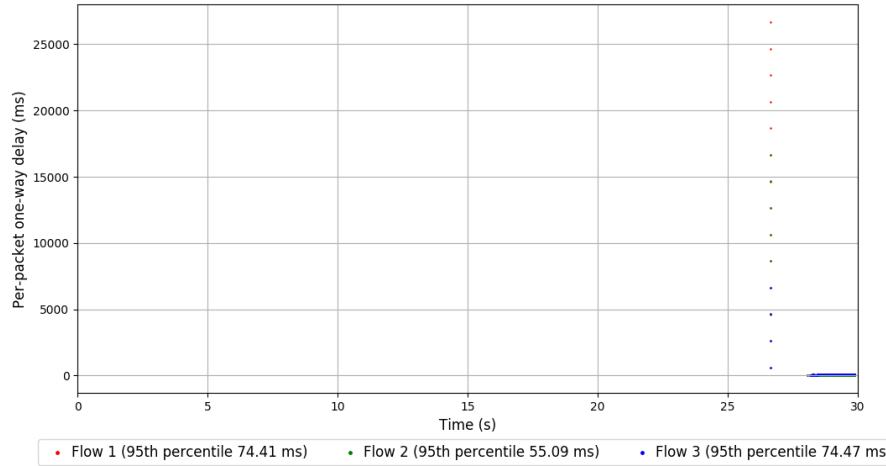
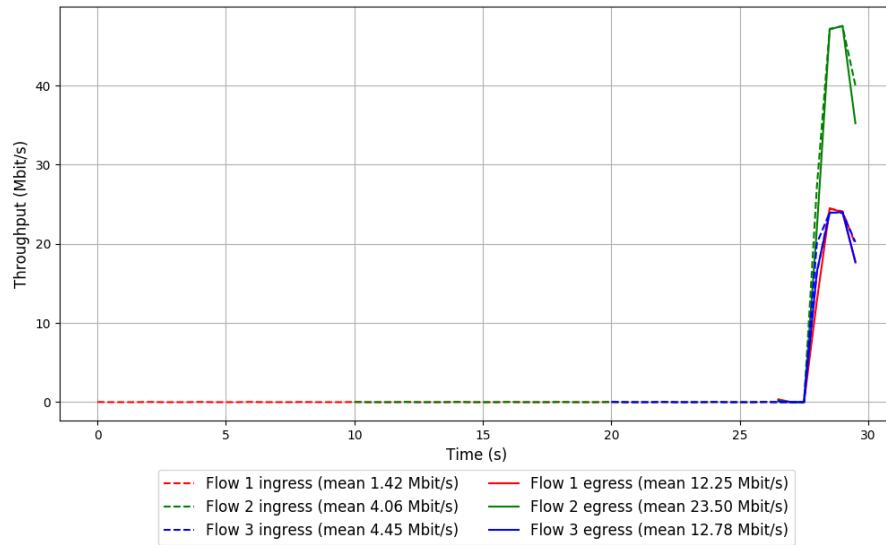
Start at: Sun, 09 Jul 2017 23:34:51 +0000

End at: Sun, 09 Jul 2017 23:35:21 +0000

Local clock offset: 0.572 ms

Remote clock offset: -1.114 ms

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

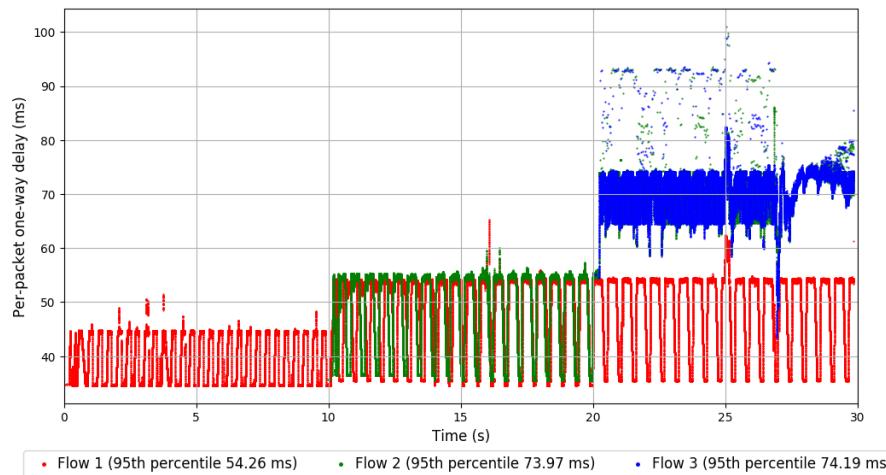
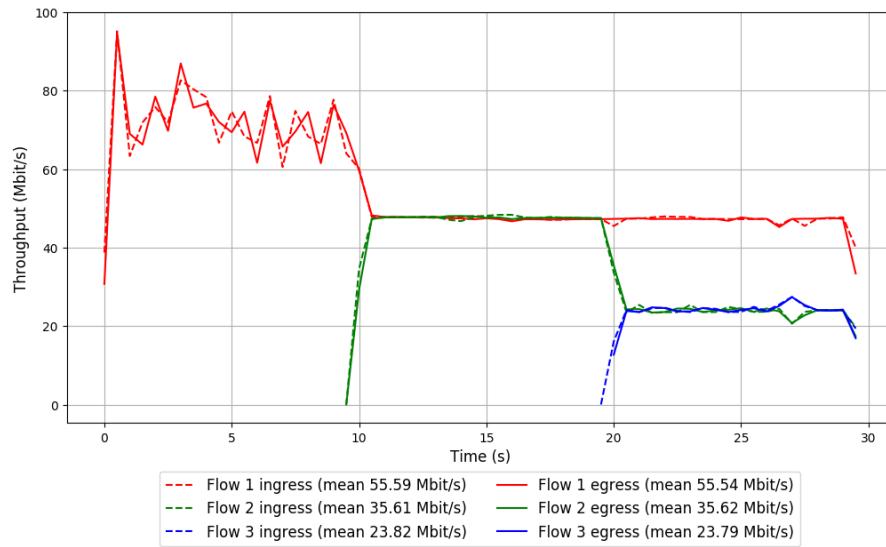


Run 2: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:55:20 +0000
End at: Sun, 09 Jul 2017 23:55:50 +0000
Local clock offset: 0.6 ms
Remote clock offset: -1.517 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:40:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 73.641 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 55.54 Mbit/s
95th percentile per-packet one-way delay: 54.263 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 73.966 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 74.190 ms
Loss rate: 1.31%
```

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

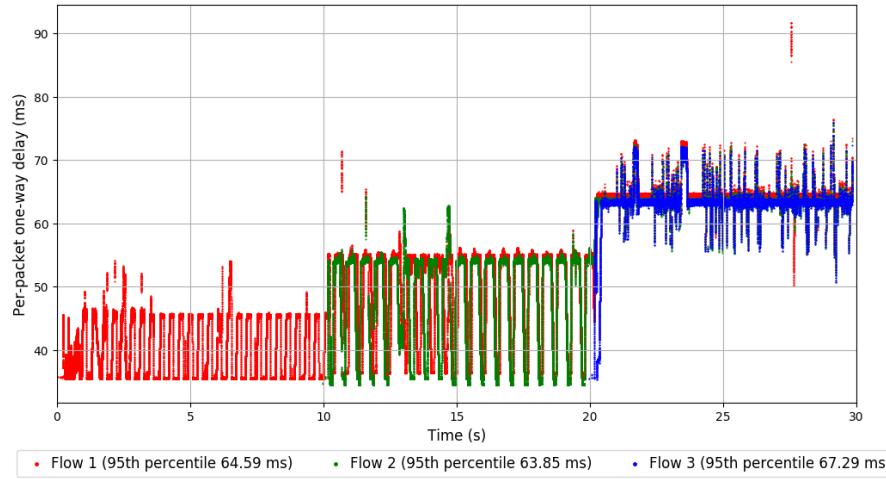
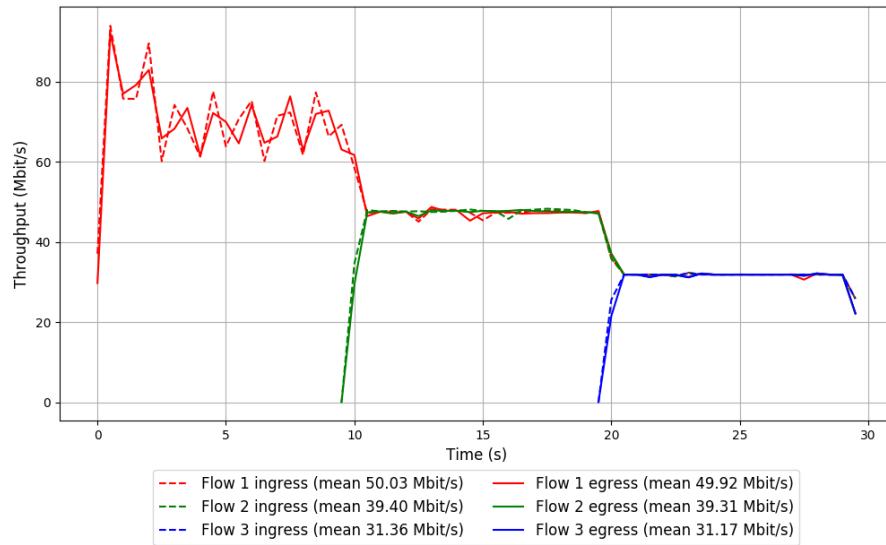


Run 3: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:16:01 +0000
End at: Mon, 10 Jul 2017 00:16:31 +0000
Local clock offset: 0.671 ms
Remote clock offset: -1.398 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:40:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.45 Mbit/s
95th percentile per-packet one-way delay: 64.581 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 64.593 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 63.852 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 67.288 ms
Loss rate: 1.43%
```

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

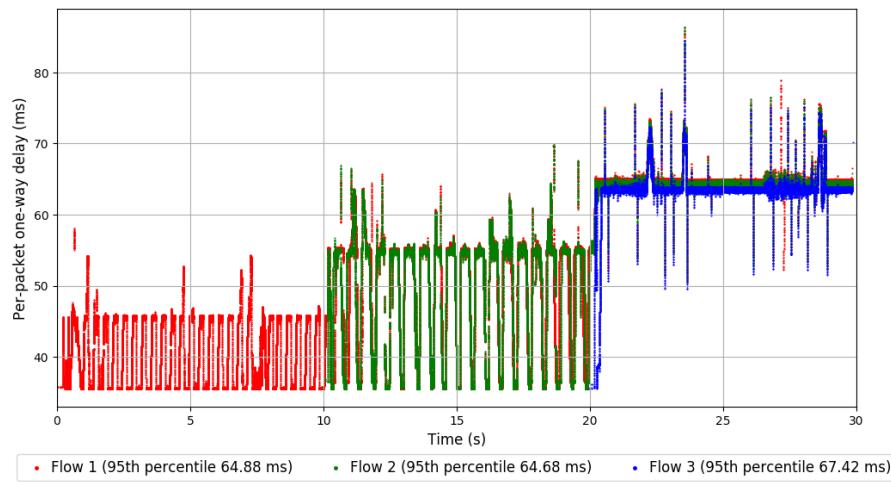
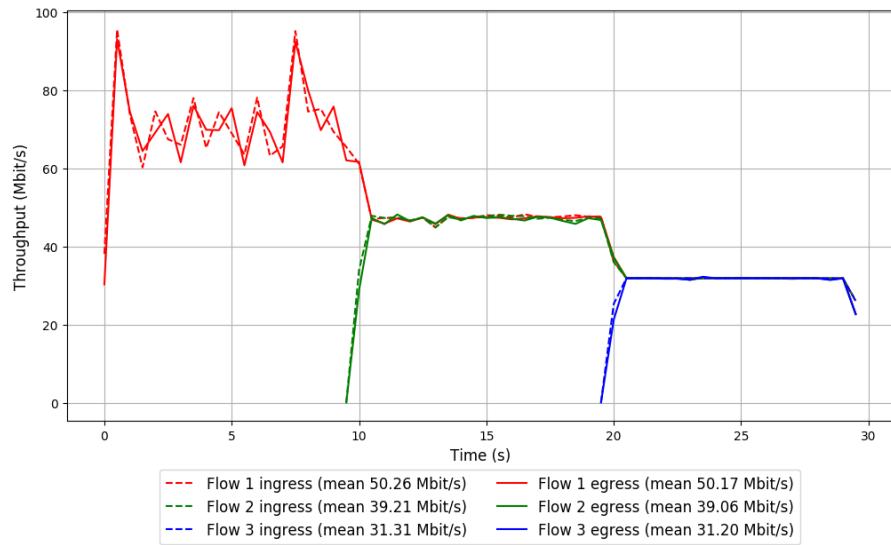


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:37:06 +0000
End at: Mon, 10 Jul 2017 00:37:36 +0000
Local clock offset: 0.609 ms
Remote clock offset: -1.014 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:40:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.54 Mbit/s
95th percentile per-packet one-way delay: 64.870 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 64.880 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 39.06 Mbit/s
95th percentile per-packet one-way delay: 64.680 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 67.424 ms
Loss rate: 1.30%
```

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

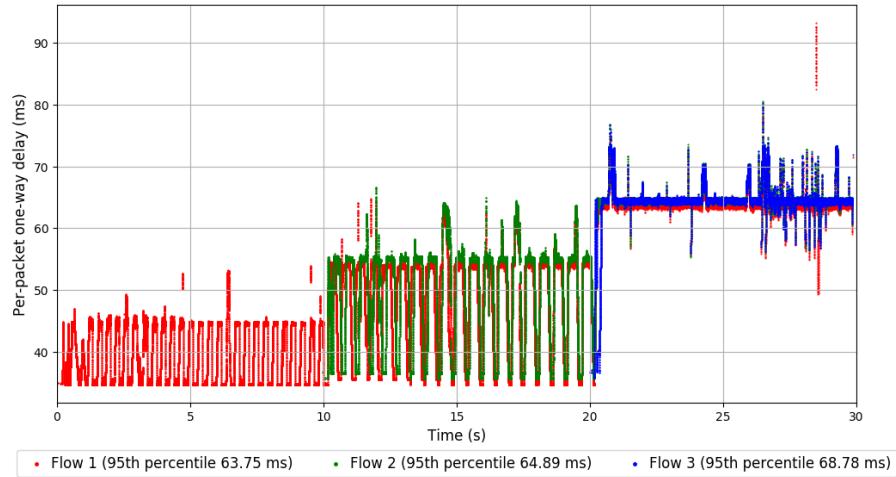
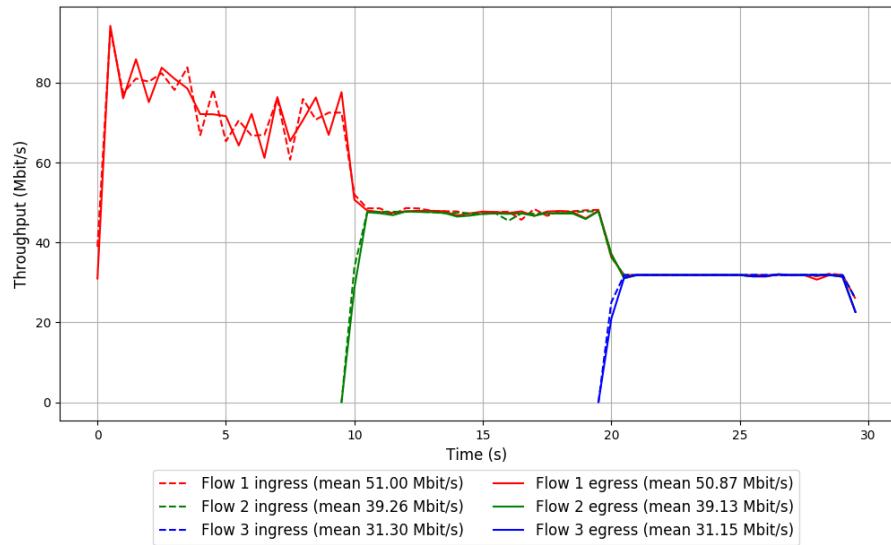


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:57:59 +0000
End at: Mon, 10 Jul 2017 00:58:29 +0000
Local clock offset: 0.59 ms
Remote clock offset: -1.498 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:40:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 64.831 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 50.87 Mbit/s
95th percentile per-packet one-way delay: 63.753 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 39.13 Mbit/s
95th percentile per-packet one-way delay: 64.890 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 68.783 ms
Loss rate: 1.44%
```

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

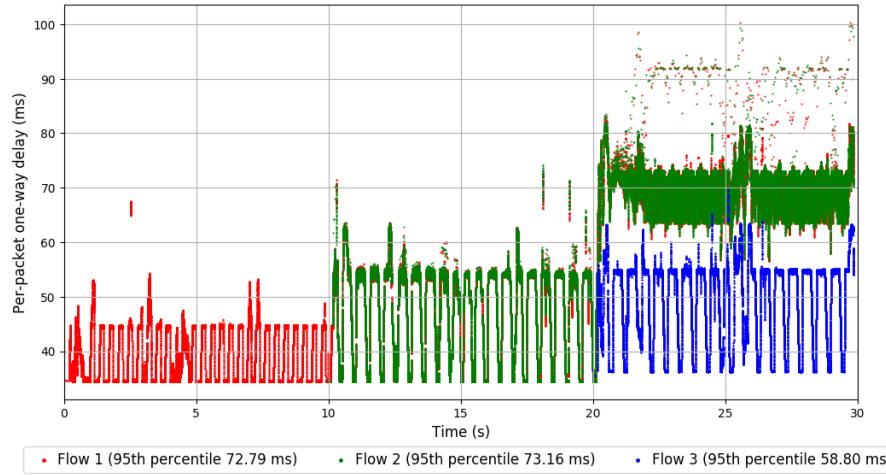
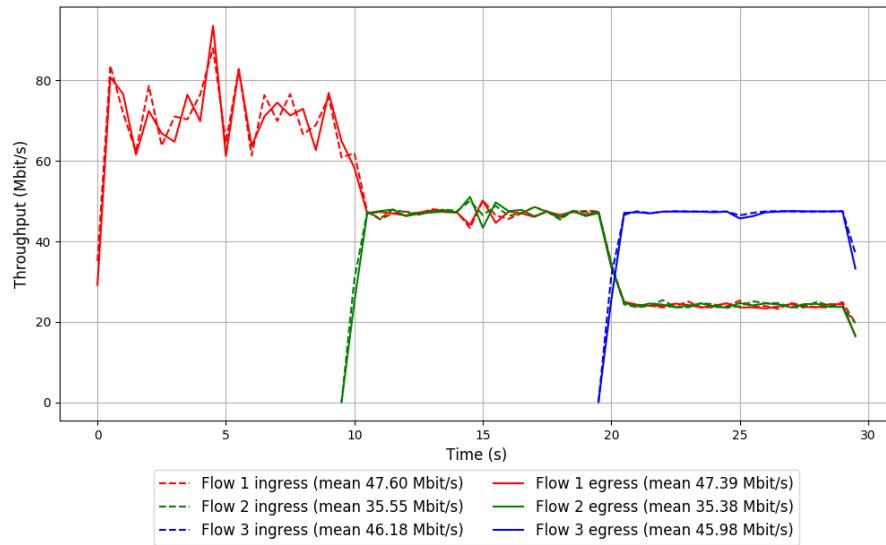


Run 6: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:18:50 +0000
End at: Mon, 10 Jul 2017 01:19:20 +0000
Local clock offset: 0.685 ms
Remote clock offset: -1.543 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:41:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 72.837 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 47.39 Mbit/s
95th percentile per-packet one-way delay: 72.788 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 35.38 Mbit/s
95th percentile per-packet one-way delay: 73.155 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 45.98 Mbit/s
95th percentile per-packet one-way delay: 58.798 ms
Loss rate: 1.29%
```

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

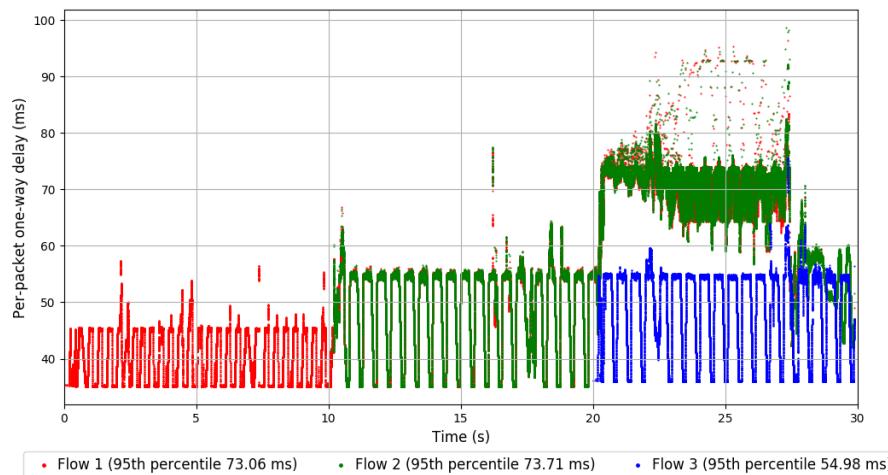
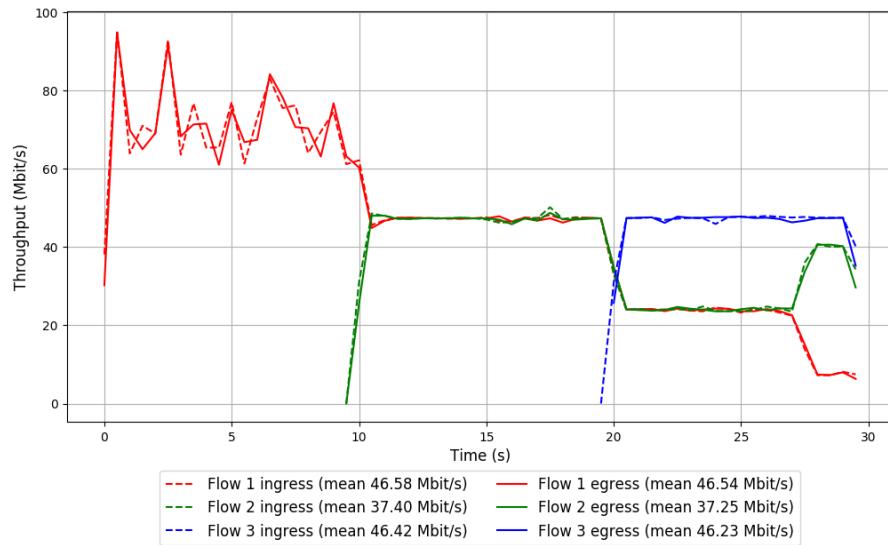


Run 7: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:39:33 +0000
End at: Mon, 10 Jul 2017 01:40:03 +0000
Local clock offset: 0.732 ms
Remote clock offset: -1.598 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:41:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.64 Mbit/s
95th percentile per-packet one-way delay: 73.259 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 46.54 Mbit/s
95th percentile per-packet one-way delay: 73.062 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 37.25 Mbit/s
95th percentile per-packet one-way delay: 73.708 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 46.23 Mbit/s
95th percentile per-packet one-way delay: 54.977 ms
Loss rate: 1.30%
```

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

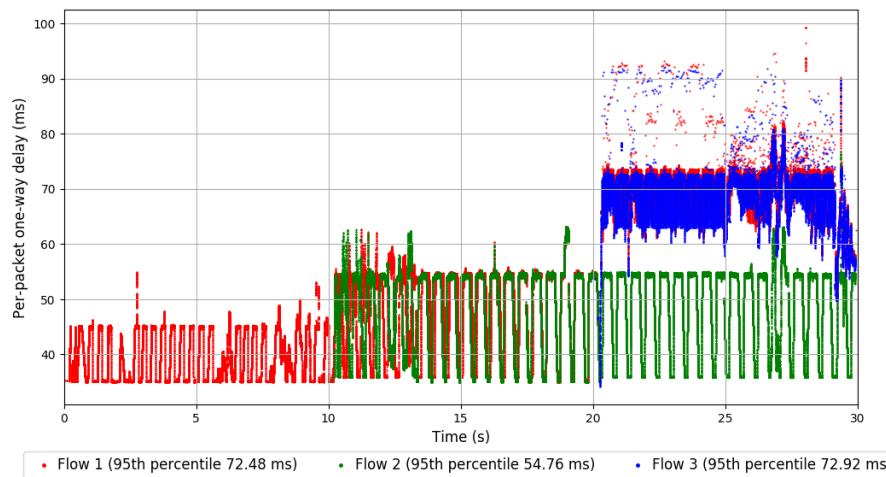
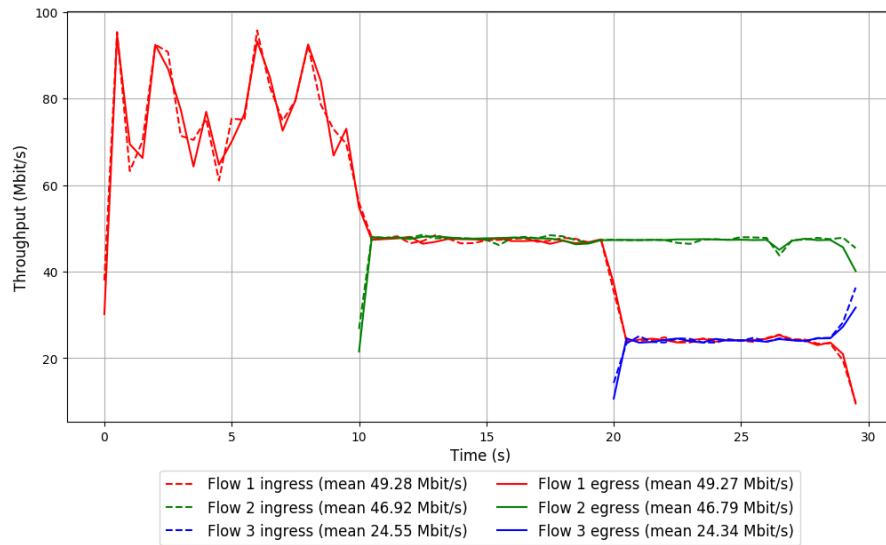


Run 8: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 02:00:17 +0000
End at: Mon, 10 Jul 2017 02:00:47 +0000
Local clock offset: 0.907 ms
Remote clock offset: -1.38 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:41:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.39 Mbit/s
95th percentile per-packet one-way delay: 72.274 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 72.485 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 54.762 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 72.924 ms
Loss rate: 2.01%
```

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

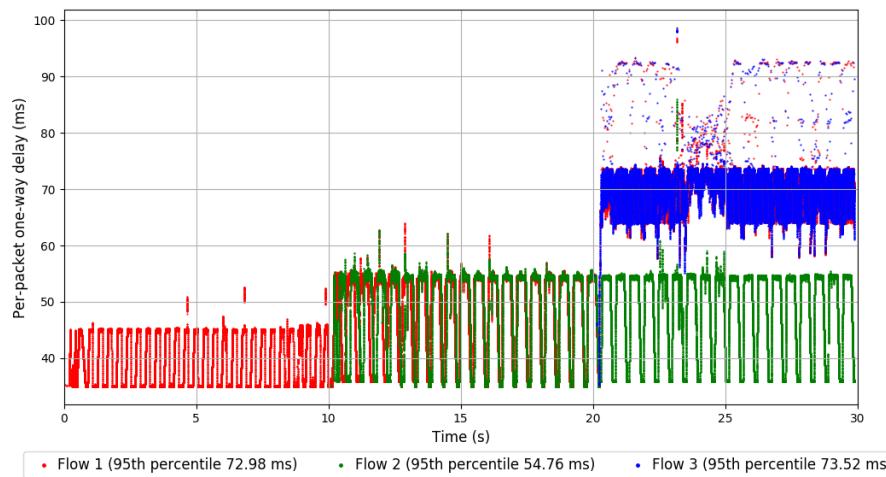
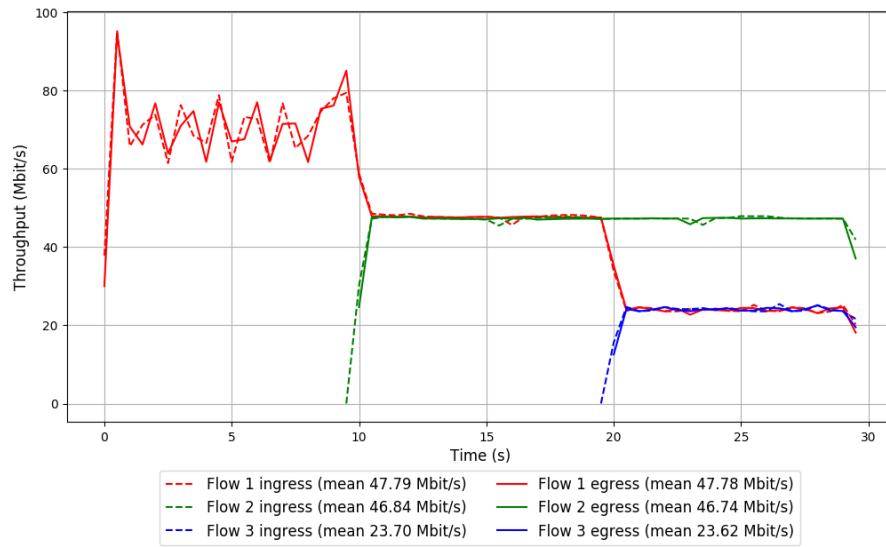


Run 9: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 02:20:51 +0000
End at: Mon, 10 Jul 2017 02:21:21 +0000
Local clock offset: 0.888 ms
Remote clock offset: -1.378 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:41:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 73.069 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 47.78 Mbit/s
95th percentile per-packet one-way delay: 72.977 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 54.764 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 23.62 Mbit/s
95th percentile per-packet one-way delay: 73.522 ms
Loss rate: 1.39%
```

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

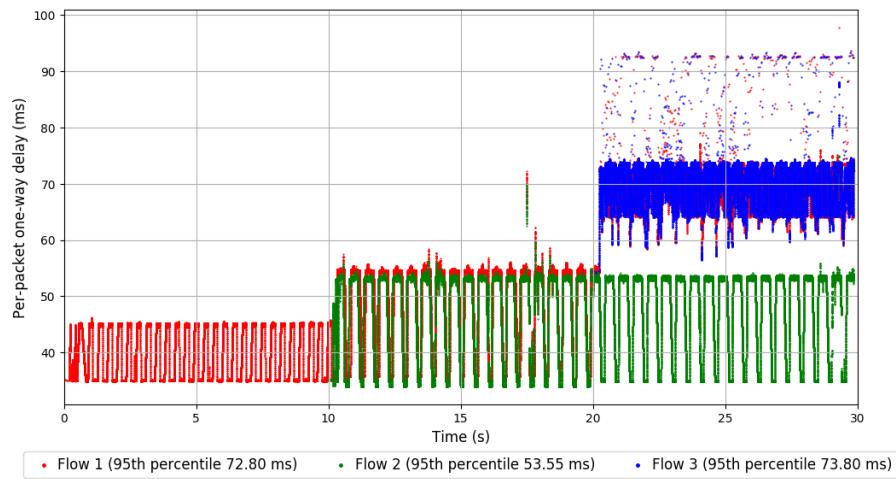
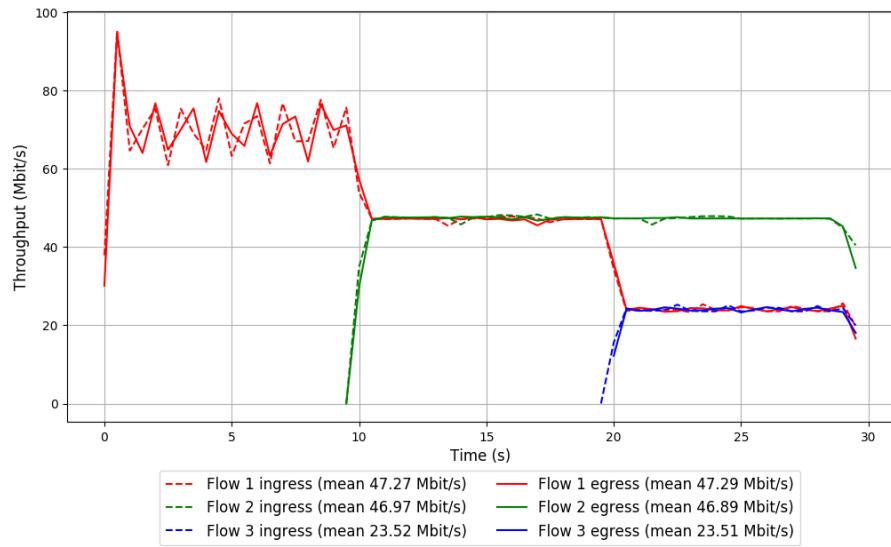


Run 10: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 02:41:30 +0000
End at: Mon, 10 Jul 2017 02:42:00 +0000
Local clock offset: 0.897 ms
Remote clock offset: -3.988 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:41:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.29 Mbit/s
95th percentile per-packet one-way delay: 73.065 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 47.29 Mbit/s
95th percentile per-packet one-way delay: 72.801 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 46.89 Mbit/s
95th percentile per-packet one-way delay: 53.547 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 23.51 Mbit/s
95th percentile per-packet one-way delay: 73.797 ms
Loss rate: 1.28%
```

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

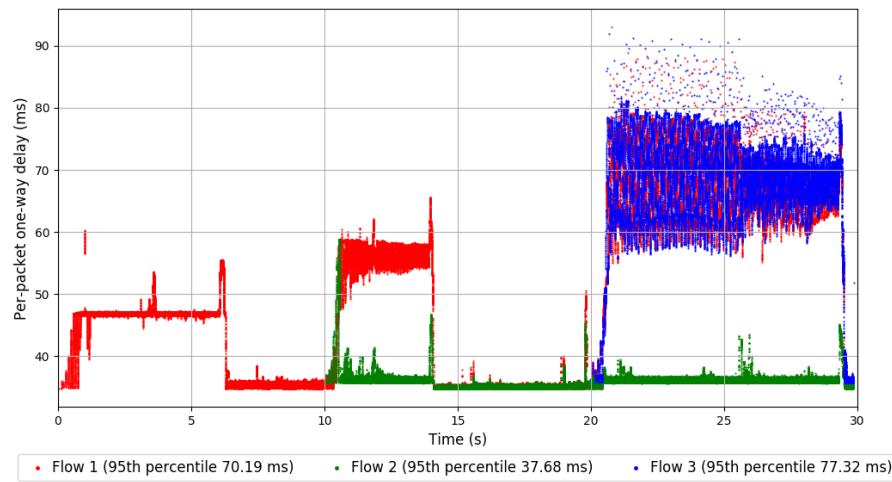
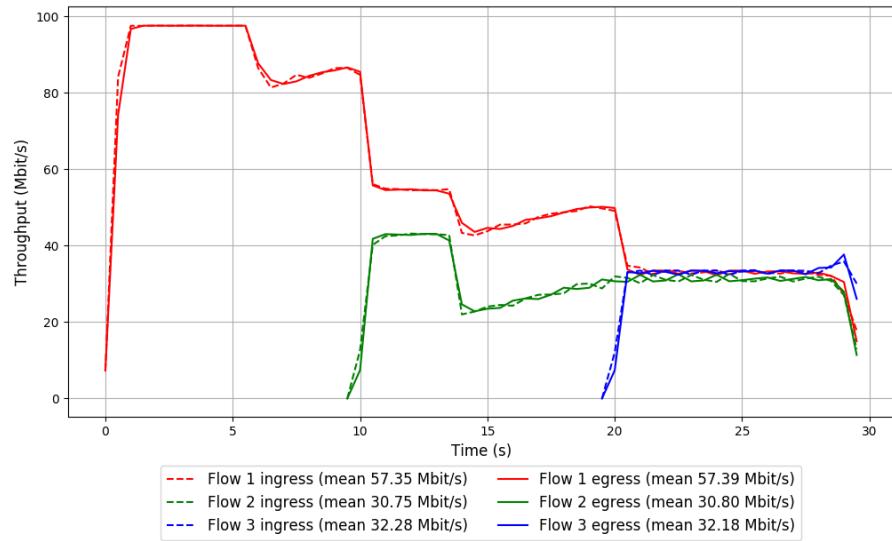


Run 1: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:25:14 +0000
End at: Sun, 09 Jul 2017 23:25:44 +0000
Local clock offset: 0.639 ms
Remote clock offset: -3.369 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:41:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.54 Mbit/s
95th percentile per-packet one-way delay: 72.001 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 57.39 Mbit/s
95th percentile per-packet one-way delay: 70.191 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 30.80 Mbit/s
95th percentile per-packet one-way delay: 37.678 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 77.319 ms
Loss rate: 1.04%
```

Run 1: Report of TCP Vegas — Data Link

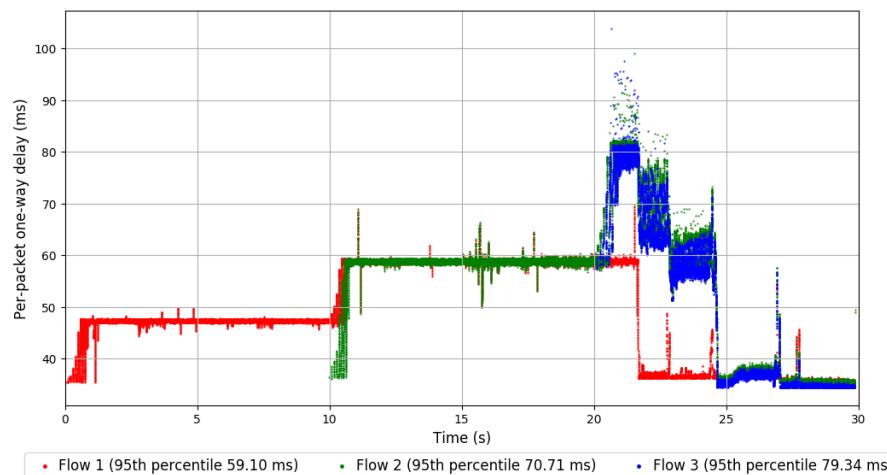
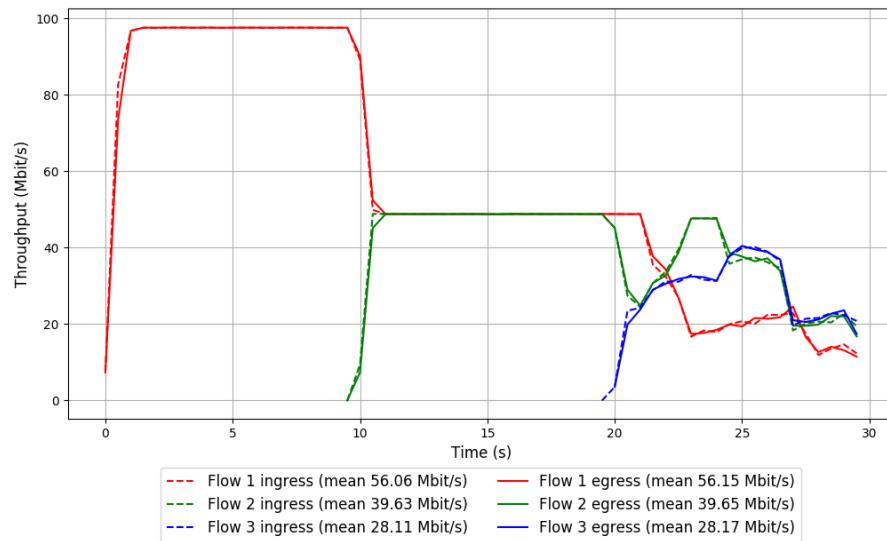


Run 2: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:45:42 +0000
End at: Sun, 09 Jul 2017 23:46:12 +0000
Local clock offset: 0.599 ms
Remote clock offset: -1.06 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:41:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.88 Mbit/s
95th percentile per-packet one-way delay: 63.124 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 56.15 Mbit/s
95th percentile per-packet one-way delay: 59.097 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 70.709 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 28.17 Mbit/s
95th percentile per-packet one-way delay: 79.342 ms
Loss rate: 0.87%
```

Run 2: Report of TCP Vegas — Data Link

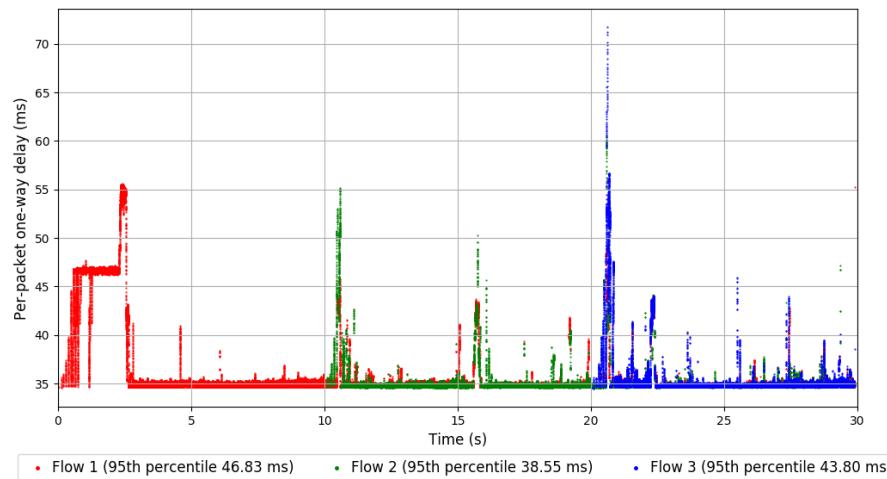
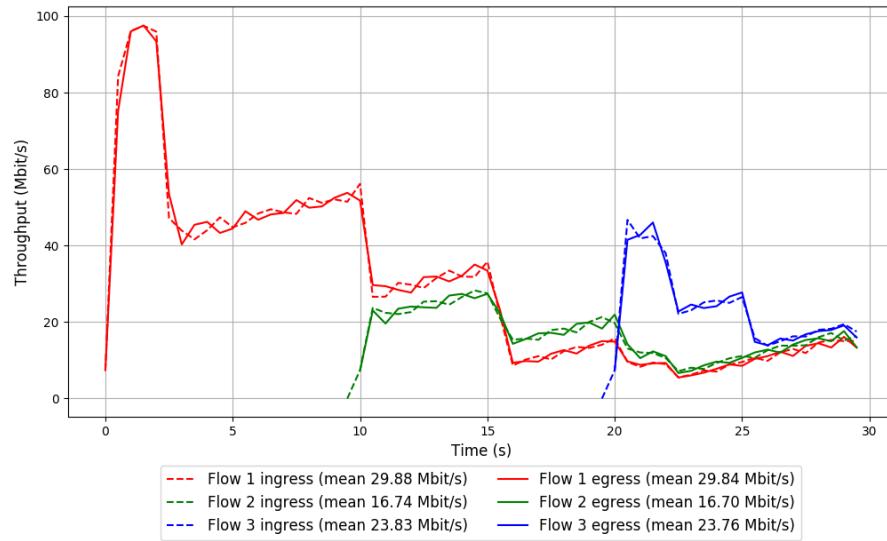


Run 3: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:06:25 +0000
End at: Mon, 10 Jul 2017 00:06:55 +0000
Local clock offset: 0.667 ms
Remote clock offset: -1.351 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:41:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 46.786 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 29.84 Mbit/s
95th percentile per-packet one-way delay: 46.829 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 38.549 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 43.796 ms
Loss rate: 0.93%
```

Run 3: Report of TCP Vegas — Data Link

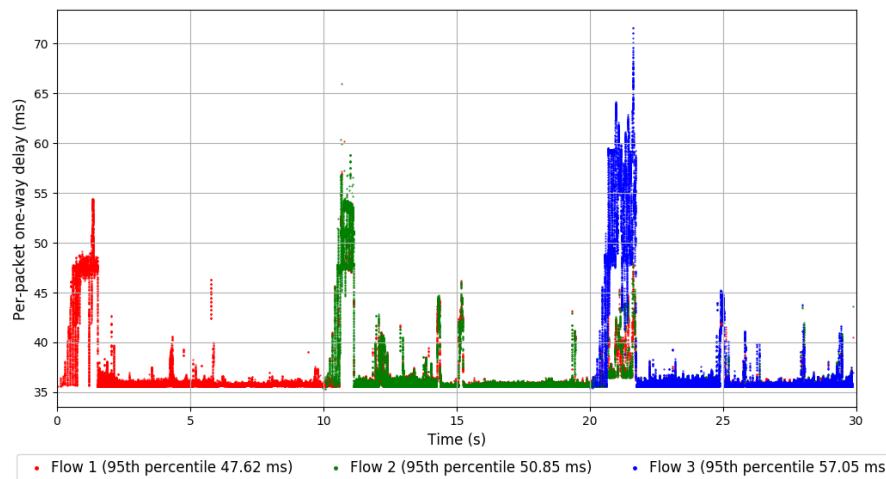
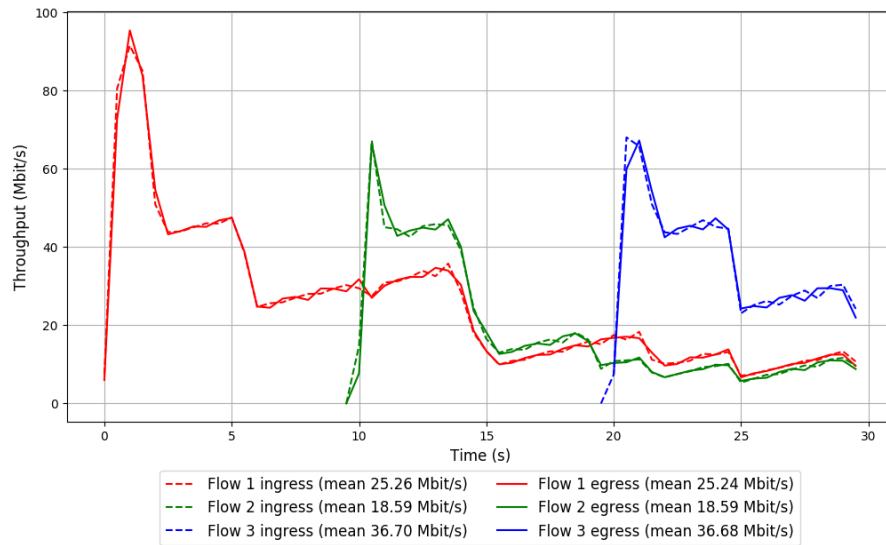


Run 4: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:27:30 +0000
End at: Mon, 10 Jul 2017 00:28:00 +0000
Local clock offset: 0.638 ms
Remote clock offset: -1.356 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.75 Mbit/s
95th percentile per-packet one-way delay: 50.806 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 47.622 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 50.855 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 57.049 ms
Loss rate: 0.89%
```

Run 4: Report of TCP Vegas — Data Link

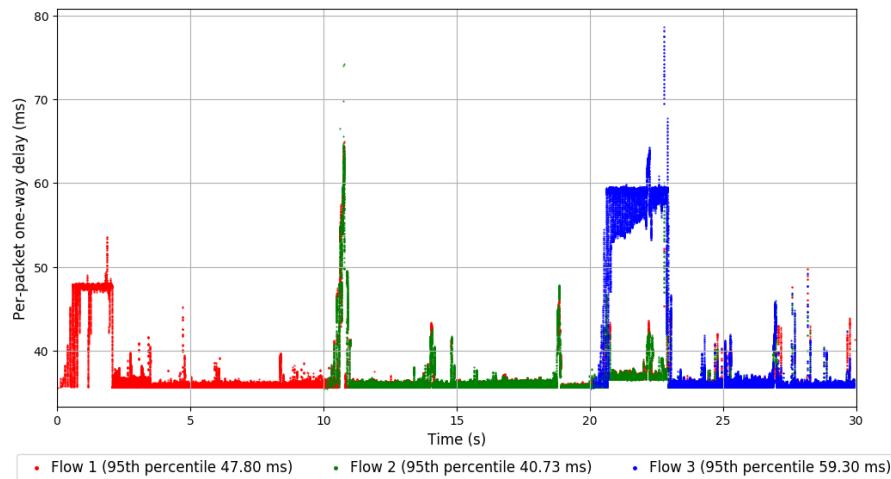
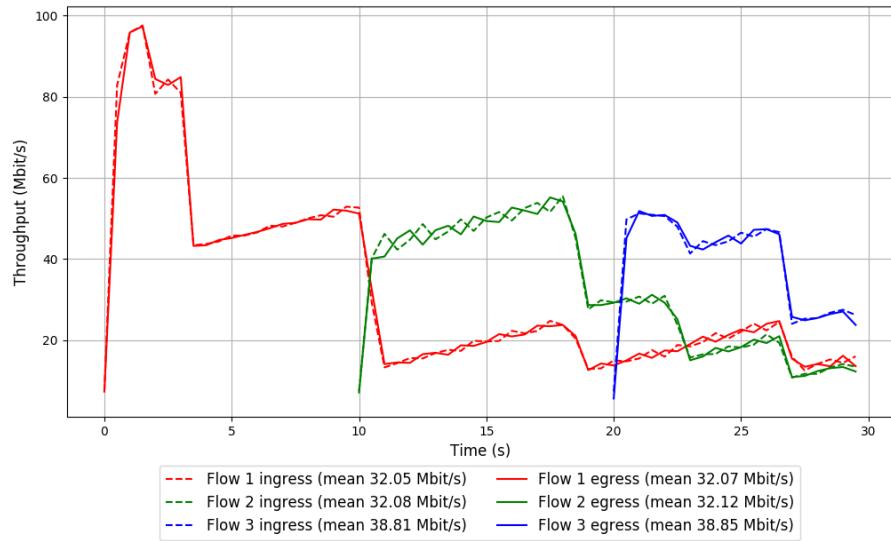


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:48:22 +0000
End at: Mon, 10 Jul 2017 00:48:52 +0000
Local clock offset: 0.545 ms
Remote clock offset: -1.273 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.24 Mbit/s
95th percentile per-packet one-way delay: 56.914 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 32.07 Mbit/s
95th percentile per-packet one-way delay: 47.795 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 32.12 Mbit/s
95th percentile per-packet one-way delay: 40.728 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 59.301 ms
Loss rate: 0.79%
```

Run 5: Report of TCP Vegas — Data Link

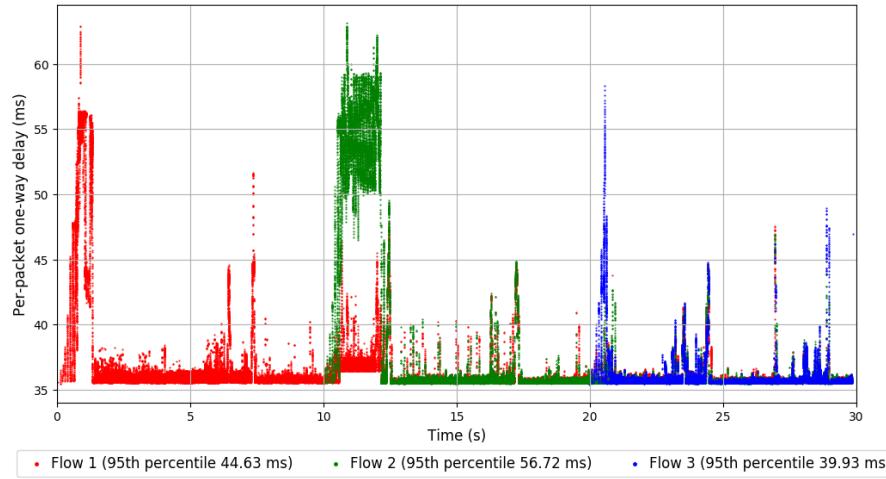
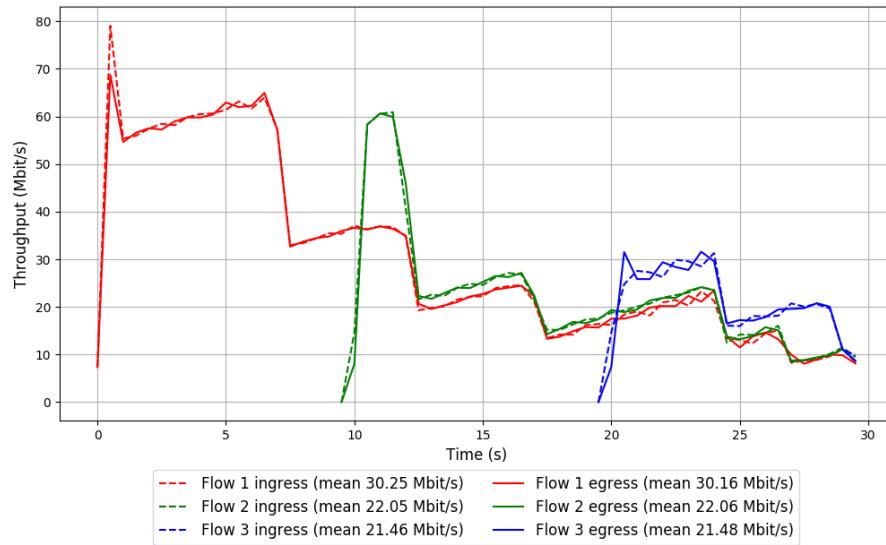


Run 6: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:09:11 +0000
End at: Mon, 10 Jul 2017 01:09:41 +0000
Local clock offset: 0.574 ms
Remote clock offset: -0.992 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.99 Mbit/s
95th percentile per-packet one-way delay: 53.928 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 30.16 Mbit/s
95th percentile per-packet one-way delay: 44.627 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 22.06 Mbit/s
95th percentile per-packet one-way delay: 56.723 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 21.48 Mbit/s
95th percentile per-packet one-way delay: 39.933 ms
Loss rate: 0.64%
```

Run 6: Report of TCP Vegas — Data Link

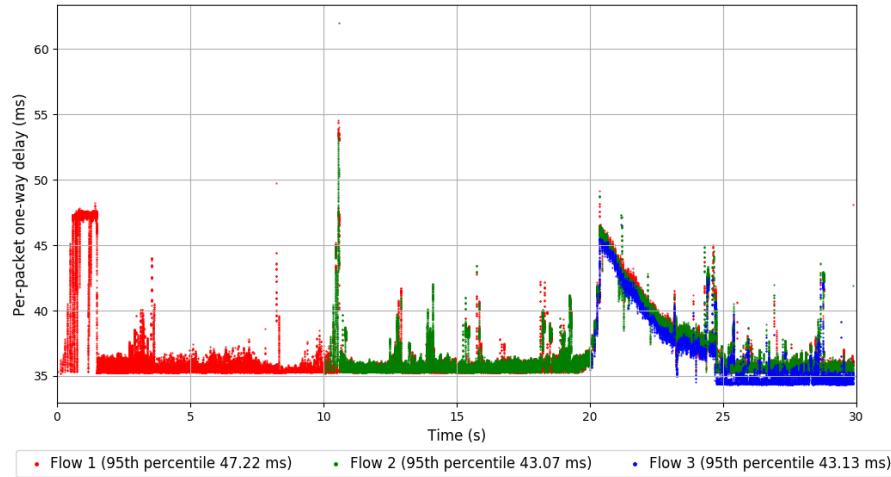
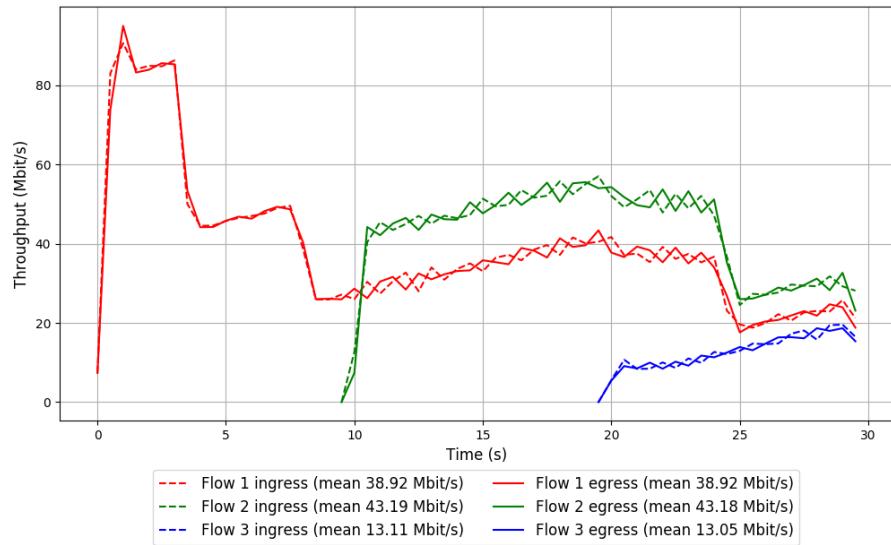


Run 7: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:29:56 +0000
End at: Mon, 10 Jul 2017 01:30:26 +0000
Local clock offset: 0.776 ms
Remote clock offset: -3.708 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.02 Mbit/s
95th percentile per-packet one-way delay: 44.881 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 47.219 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 43.069 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 43.132 ms
Loss rate: 1.33%
```

Run 7: Report of TCP Vegas — Data Link

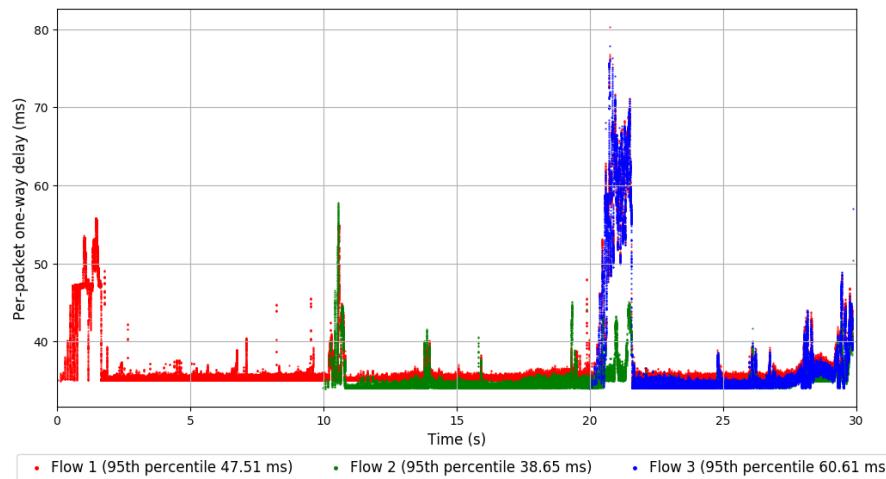
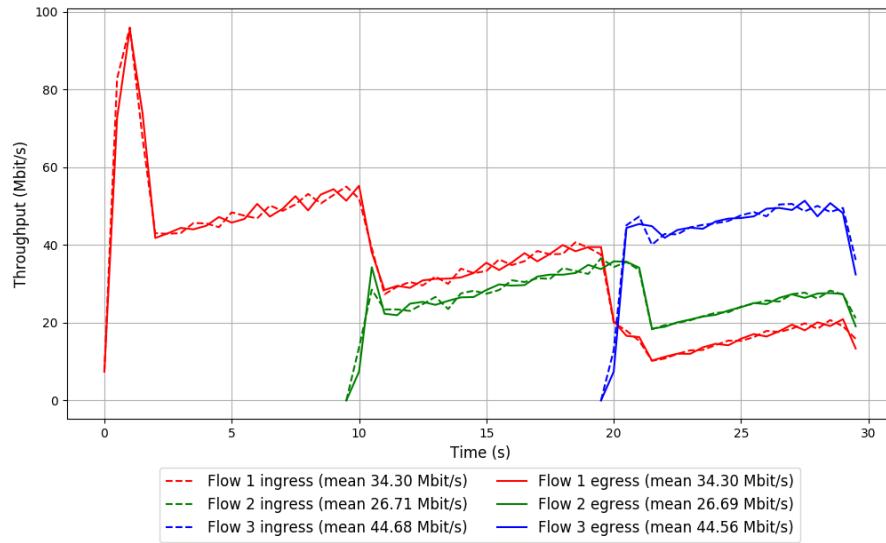


Run 8: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:50:40 +0000
End at: Mon, 10 Jul 2017 01:51:10 +0000
Local clock offset: 0.779 ms
Remote clock offset: -1.646 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.84 Mbit/s
95th percentile per-packet one-way delay: 47.645 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 47.508 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 26.69 Mbit/s
95th percentile per-packet one-way delay: 38.647 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 44.56 Mbit/s
95th percentile per-packet one-way delay: 60.610 ms
Loss rate: 0.93%
```

Run 8: Report of TCP Vegas — Data Link

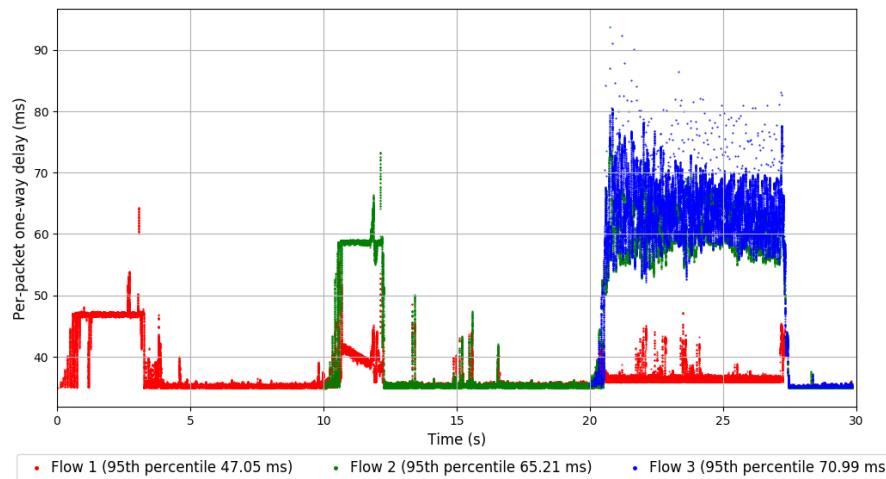
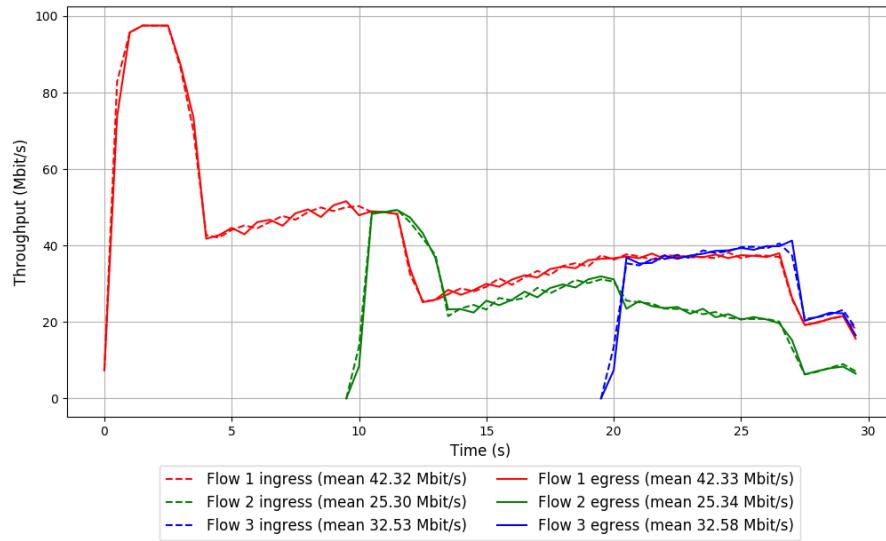


Run 9: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 02:11:19 +0000
End at: Mon, 10 Jul 2017 02:11:49 +0000
Local clock offset: 0.936 ms
Remote clock offset: -3.84 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.01 Mbit/s
95th percentile per-packet one-way delay: 65.905 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 47.046 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 25.34 Mbit/s
95th percentile per-packet one-way delay: 65.212 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 70.986 ms
Loss rate: 0.70%
```

Run 9: Report of TCP Vegas — Data Link

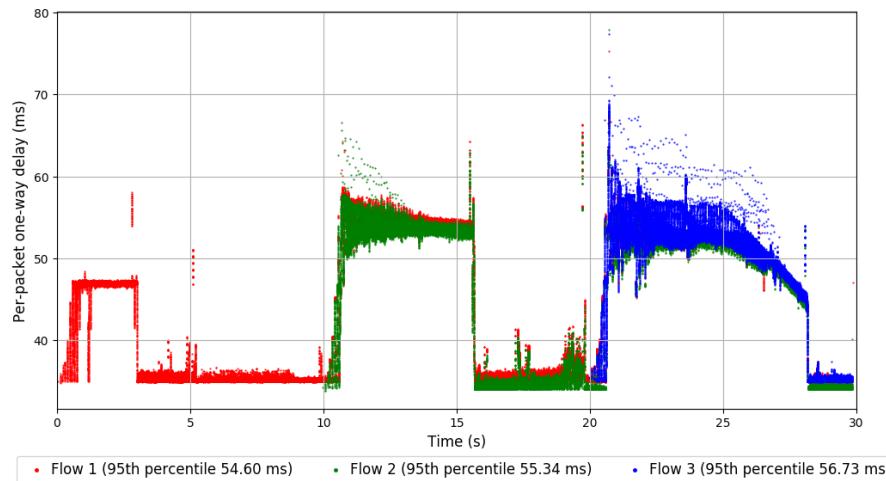
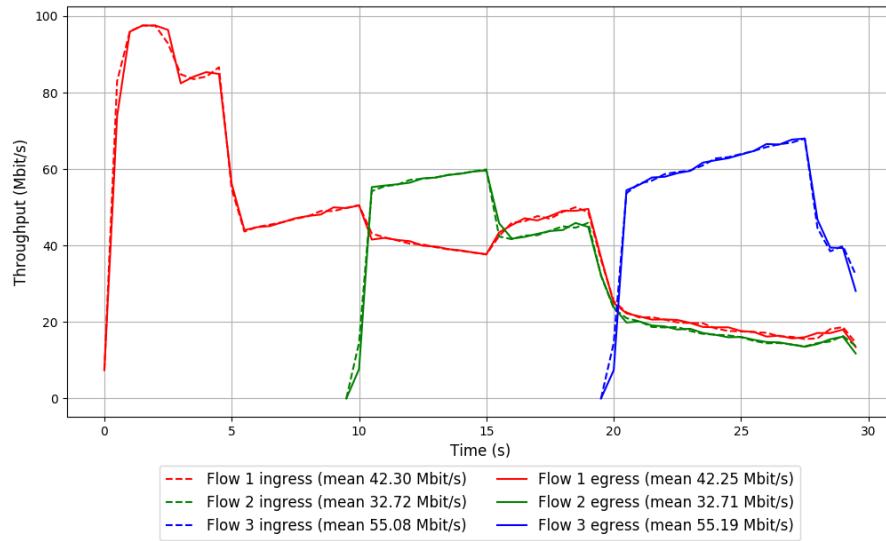


Run 10: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 02:31:54 +0000
End at: Mon, 10 Jul 2017 02:32:24 +0000
Local clock offset: 0.828 ms
Remote clock offset: -1.822 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.31 Mbit/s
95th percentile per-packet one-way delay: 55.344 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 42.25 Mbit/s
95th percentile per-packet one-way delay: 54.604 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 55.337 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 55.19 Mbit/s
95th percentile per-packet one-way delay: 56.733 ms
Loss rate: 0.67%
```

Run 10: Report of TCP Vegas — Data Link

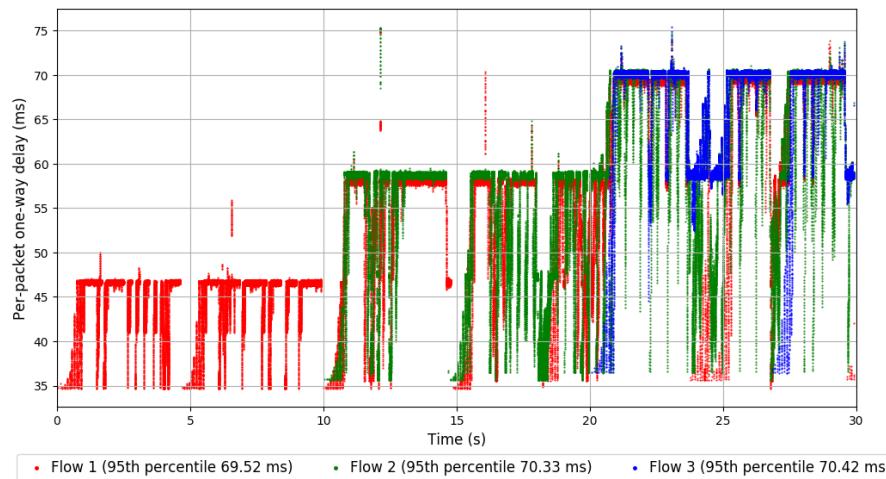
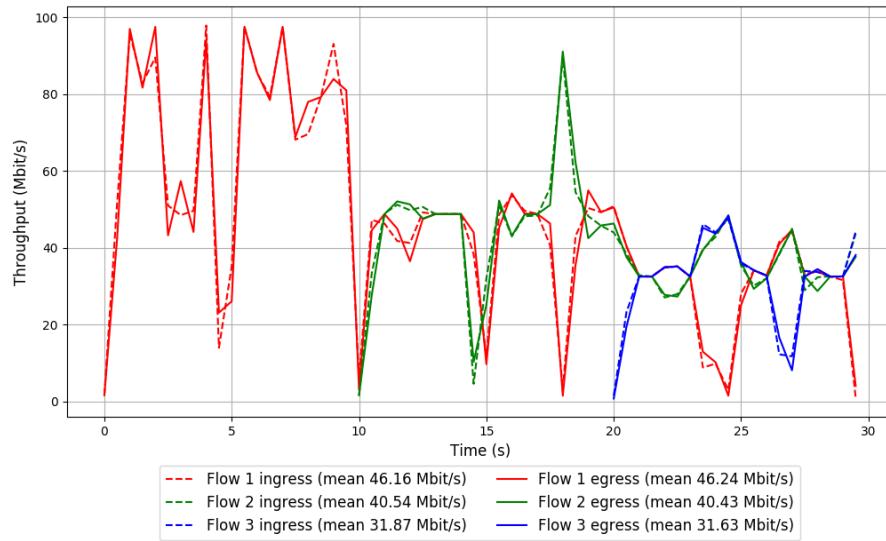


Run 1: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:32:09 +0000
End at: Sun, 09 Jul 2017 23:32:39 +0000
Local clock offset: 0.584 ms
Remote clock offset: -3.531 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.56 Mbit/s
95th percentile per-packet one-way delay: 70.256 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 46.24 Mbit/s
95th percentile per-packet one-way delay: 69.520 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 70.328 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 70.420 ms
Loss rate: 1.68%
```

Run 1: Report of Verus — Data Link

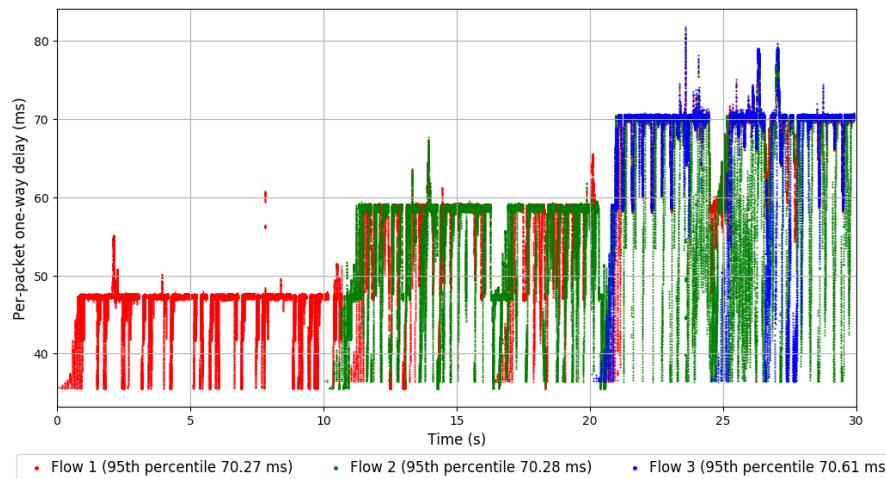
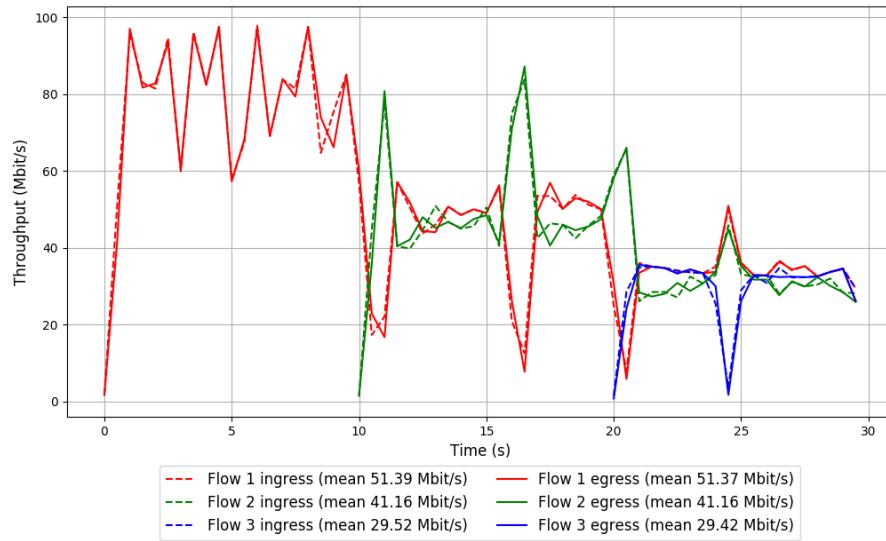


Run 2: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:52:36 +0000
End at: Sun, 09 Jul 2017 23:53:06 +0000
Local clock offset: 0.582 ms
Remote clock offset: -3.571 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.43 Mbit/s
95th percentile per-packet one-way delay: 70.436 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 70.269 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 70.285 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 70.607 ms
Loss rate: 1.39%
```

Run 2: Report of Verus — Data Link

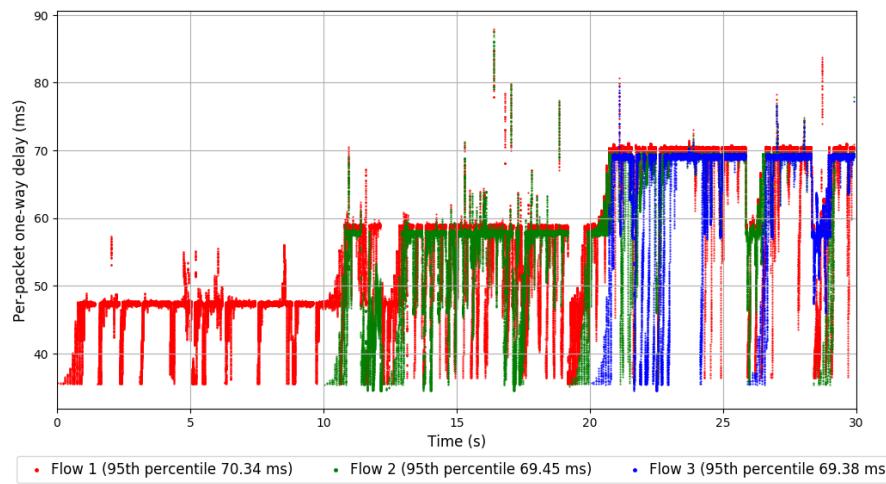
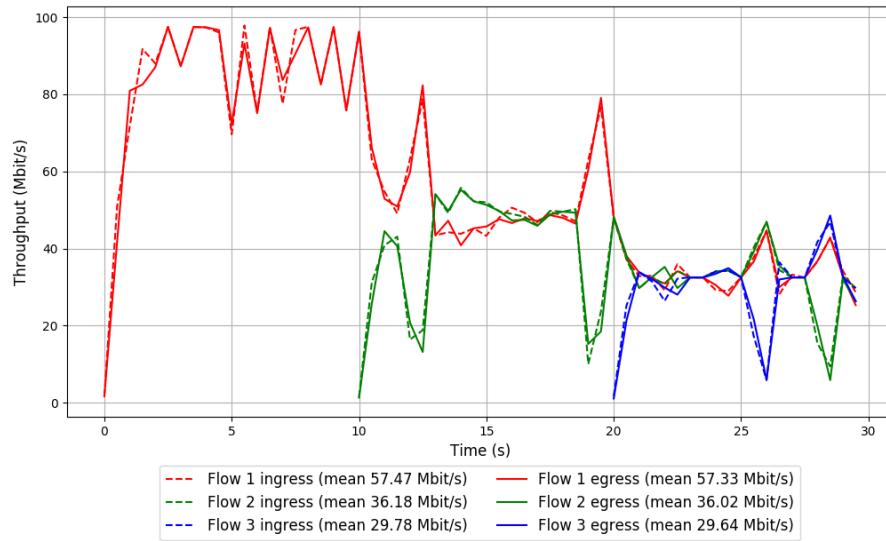


Run 3: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:13:16 +0000
End at: Mon, 10 Jul 2017 00:13:46 +0000
Local clock offset: 0.673 ms
Remote clock offset: -1.465 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.04 Mbit/s
95th percentile per-packet one-way delay: 70.160 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 57.33 Mbit/s
95th percentile per-packet one-way delay: 70.339 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: 69.454 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 69.380 ms
Loss rate: 1.34%
```

Run 3: Report of Verus — Data Link

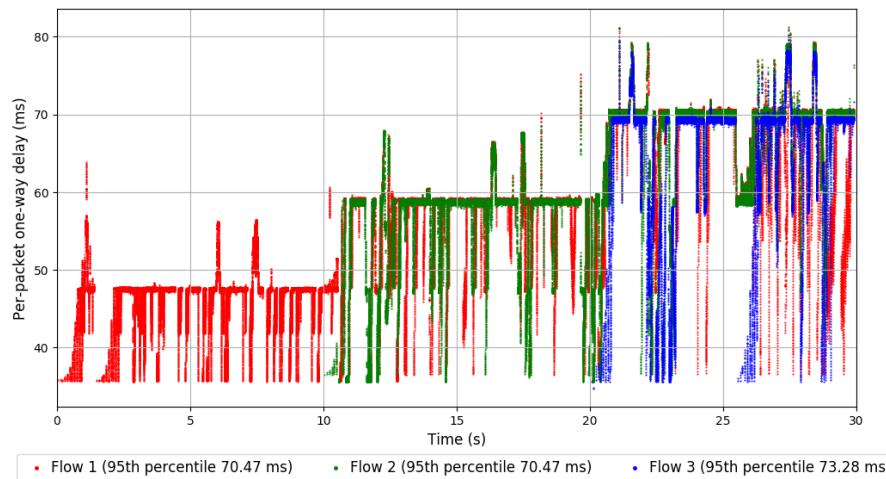
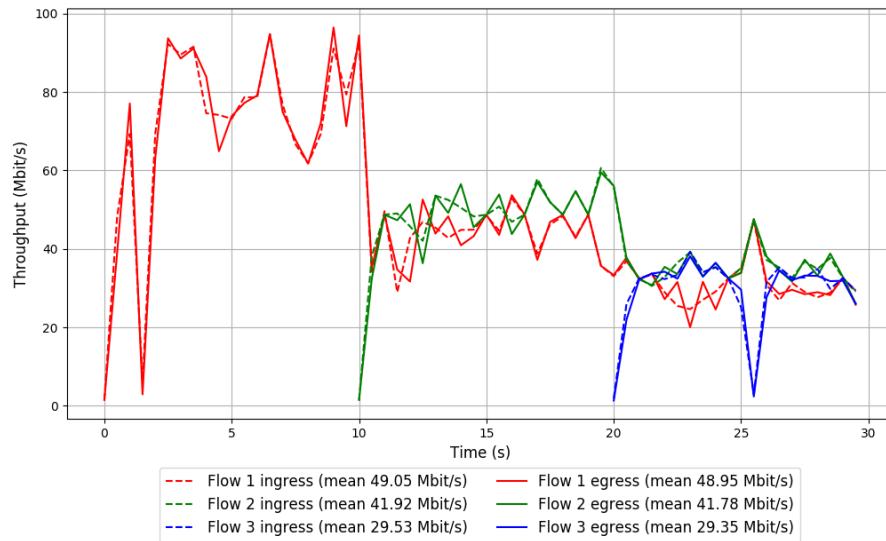


Run 4: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:34:22 +0000
End at: Mon, 10 Jul 2017 00:34:52 +0000
Local clock offset: 0.622 ms
Remote clock offset: -3.528 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:42:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 70.478 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 48.95 Mbit/s
95th percentile per-packet one-way delay: 70.472 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 41.78 Mbit/s
95th percentile per-packet one-way delay: 70.473 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 73.276 ms
Loss rate: 1.60%
```

Run 4: Report of Verus — Data Link

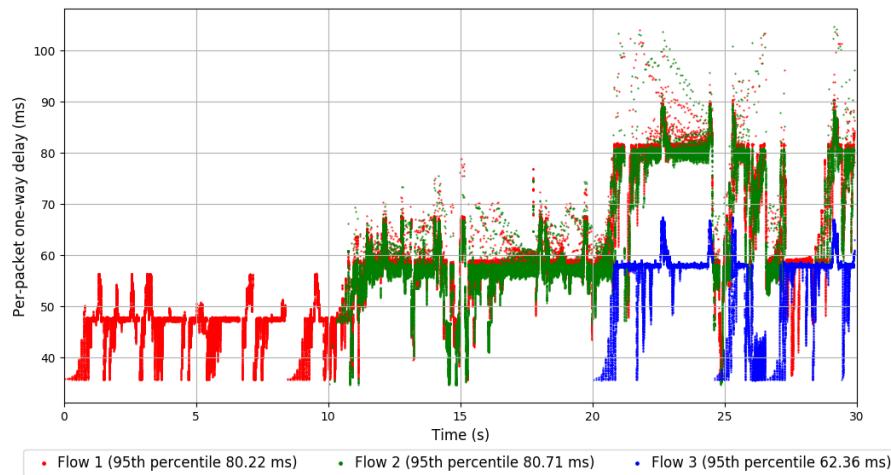
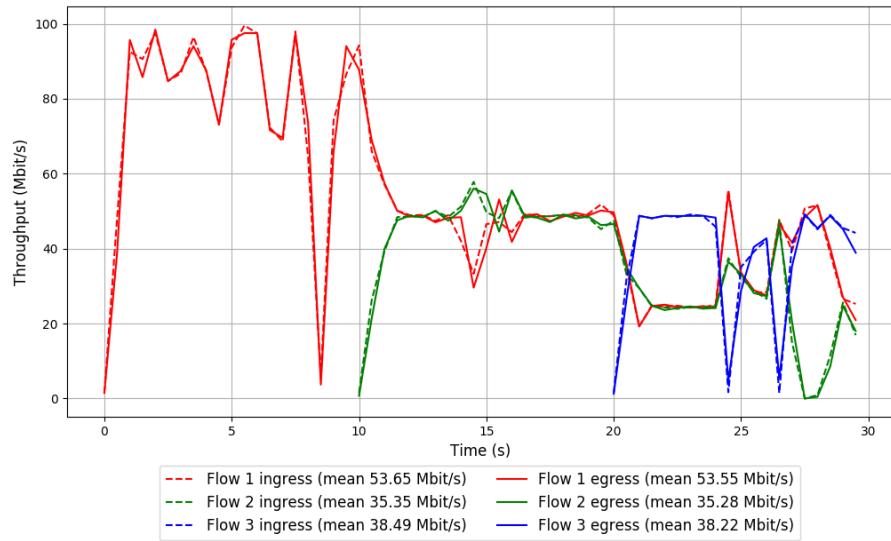


Run 5: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:55:15 +0000
End at: Mon, 10 Jul 2017 00:55:45 +0000
Local clock offset: 0.534 ms
Remote clock offset: -0.954 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.60 Mbit/s
95th percentile per-packet one-way delay: 80.478 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 53.55 Mbit/s
95th percentile per-packet one-way delay: 80.225 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 35.28 Mbit/s
95th percentile per-packet one-way delay: 80.714 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 38.22 Mbit/s
95th percentile per-packet one-way delay: 62.362 ms
Loss rate: 1.58%
```

Run 5: Report of Verus — Data Link

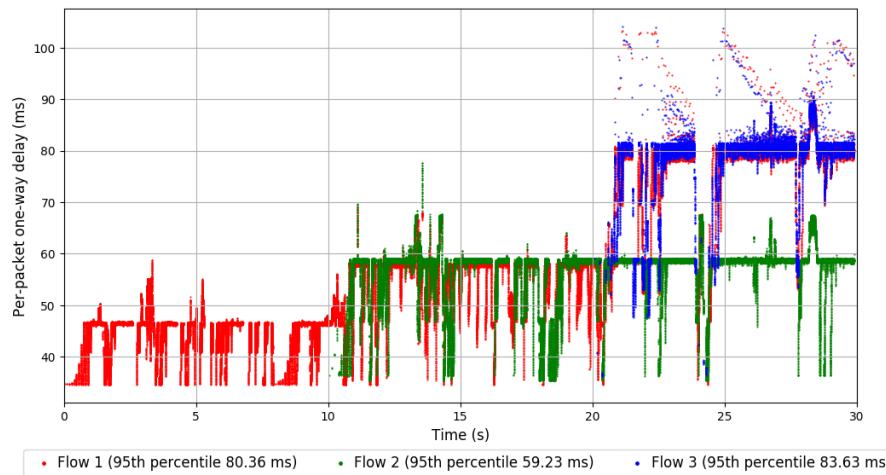
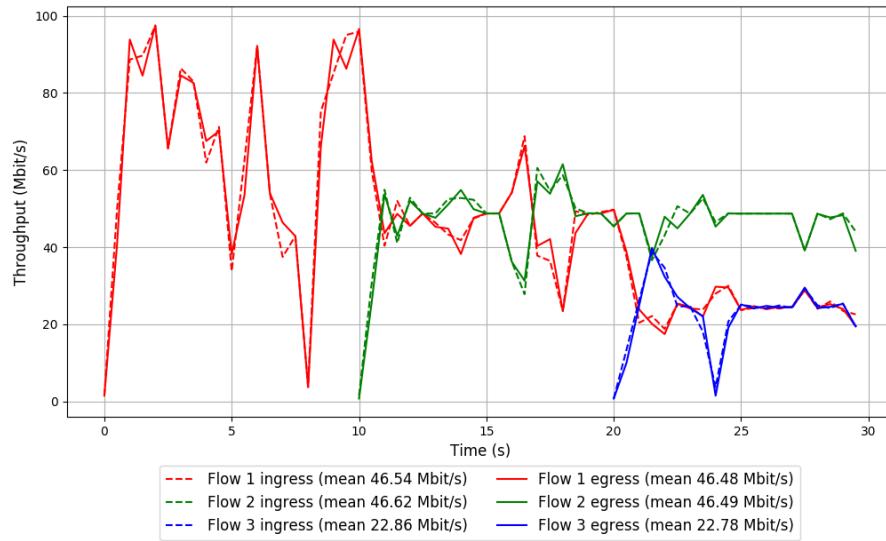


Run 6: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:16:03 +0000
End at: Mon, 10 Jul 2017 01:16:33 +0000
Local clock offset: 0.685 ms
Remote clock offset: -3.589 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.88 Mbit/s
95th percentile per-packet one-way delay: 80.618 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 46.48 Mbit/s
95th percentile per-packet one-way delay: 80.362 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 46.49 Mbit/s
95th percentile per-packet one-way delay: 59.229 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 22.78 Mbit/s
95th percentile per-packet one-way delay: 83.628 ms
Loss rate: 0.89%
```

Run 6: Report of Verus — Data Link

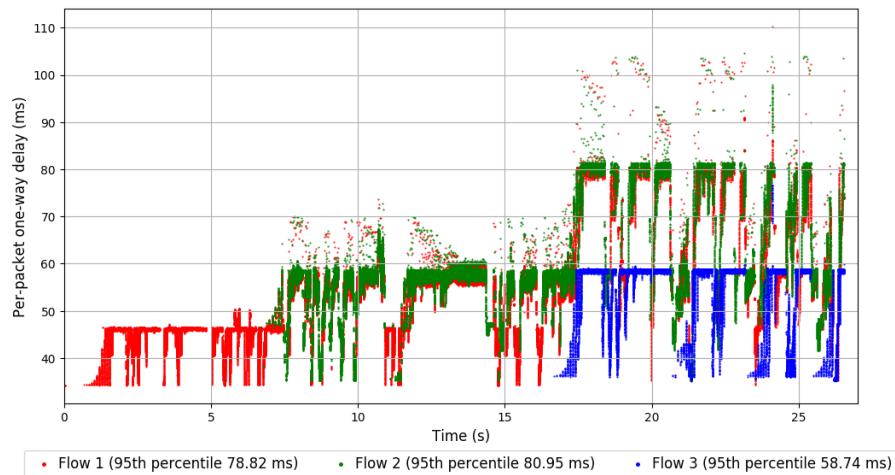
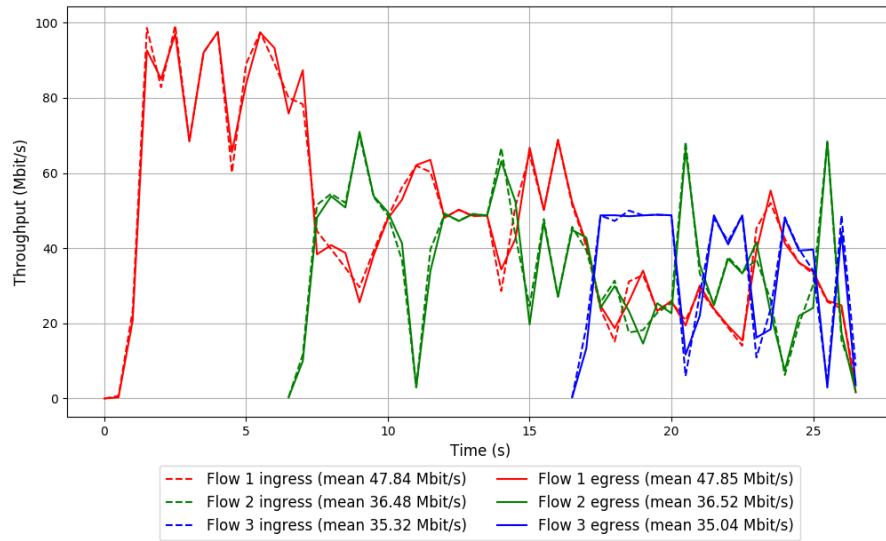


Run 7: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:36:50 +0000
End at: Mon, 10 Jul 2017 01:37:20 +0000
Local clock offset: 0.696 ms
Remote clock offset: -3.719 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 79.401 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 47.85 Mbit/s
95th percentile per-packet one-way delay: 78.821 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 36.52 Mbit/s
95th percentile per-packet one-way delay: 80.948 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 35.04 Mbit/s
95th percentile per-packet one-way delay: 58.737 ms
Loss rate: 1.66%
```

Run 7: Report of Verus — Data Link

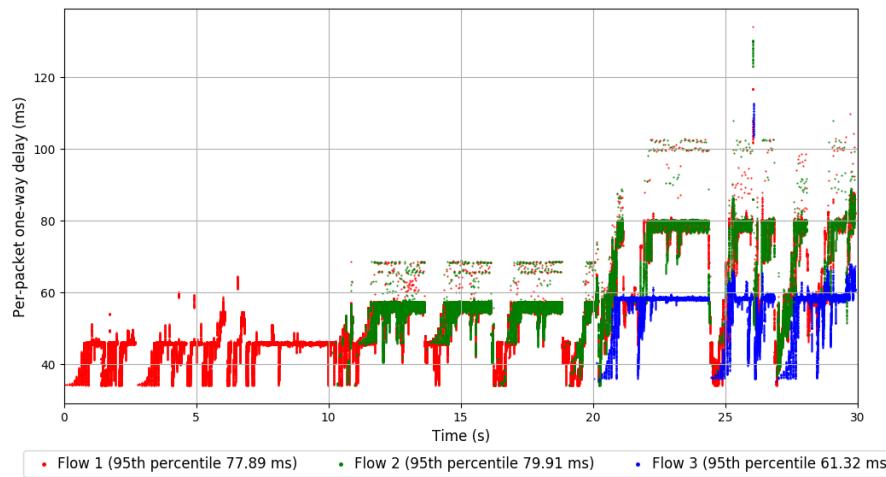
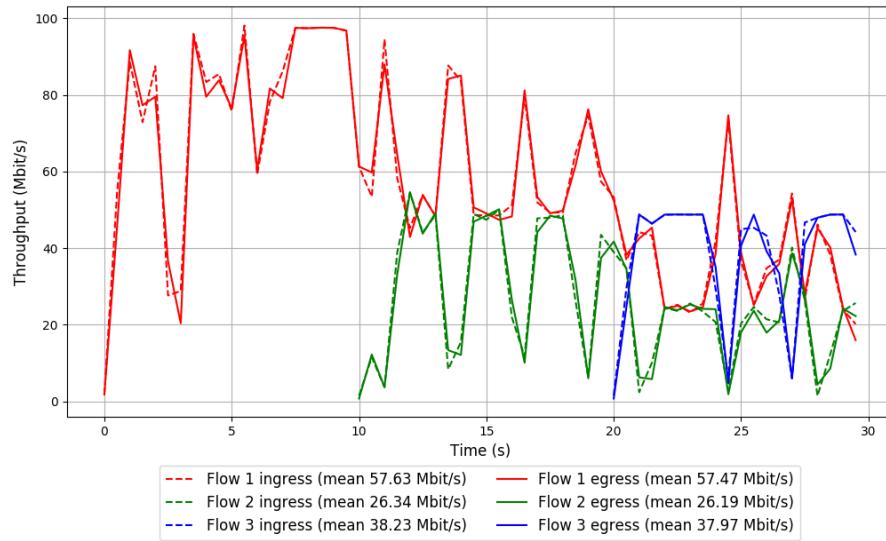


Run 8: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:57:34 +0000
End at: Mon, 10 Jul 2017 01:58:04 +0000
Local clock offset: 0.817 ms
Remote clock offset: -1.798 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.37 Mbit/s
95th percentile per-packet one-way delay: 79.296 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 57.47 Mbit/s
95th percentile per-packet one-way delay: 77.895 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 79.905 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 37.97 Mbit/s
95th percentile per-packet one-way delay: 61.318 ms
Loss rate: 1.61%
```

Run 8: Report of Verus — Data Link

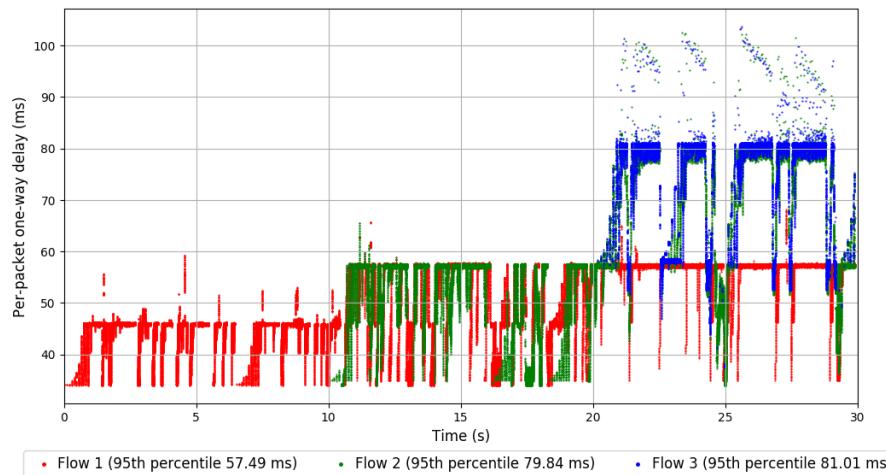
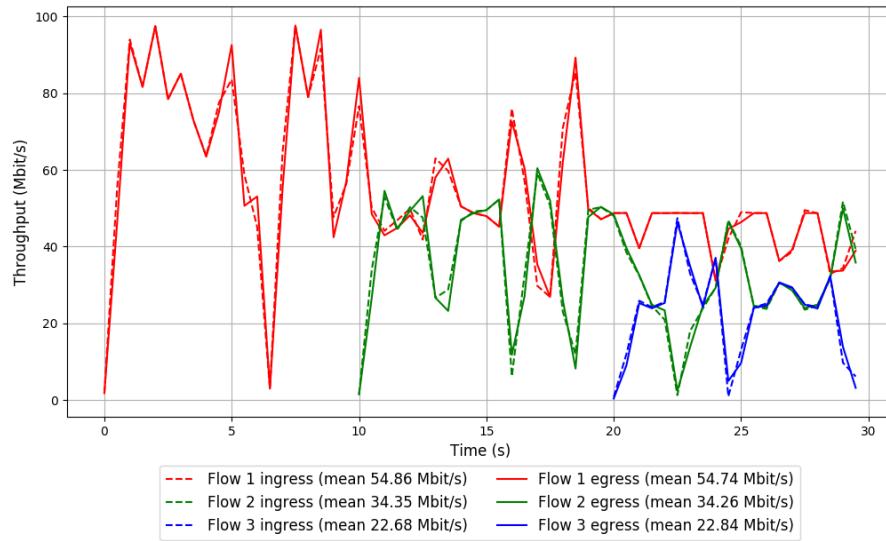


Run 9: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 02:18:09 +0000
End at: Mon, 10 Jul 2017 02:18:39 +0000
Local clock offset: 0.87 ms
Remote clock offset: -1.226 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: 79.754 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 54.74 Mbit/s
95th percentile per-packet one-way delay: 57.486 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 79.837 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 22.84 Mbit/s
95th percentile per-packet one-way delay: 81.010 ms
Loss rate: 0.70%
```

Run 9: Report of Verus — Data Link

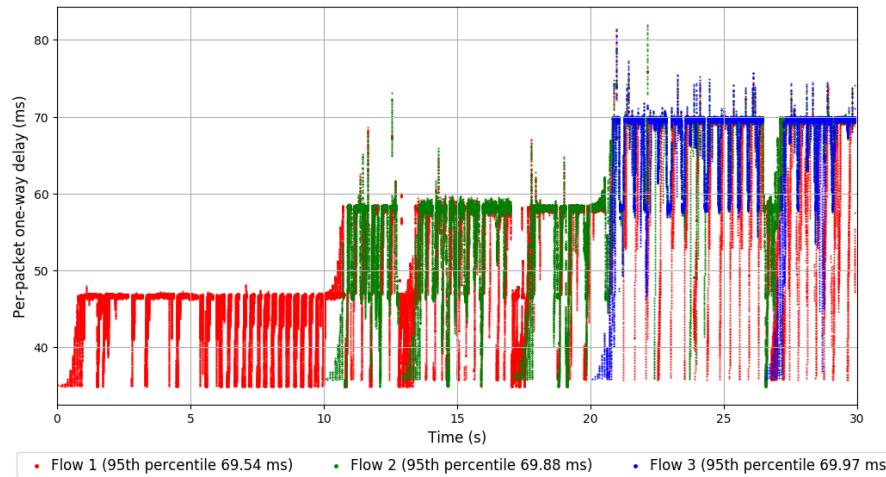
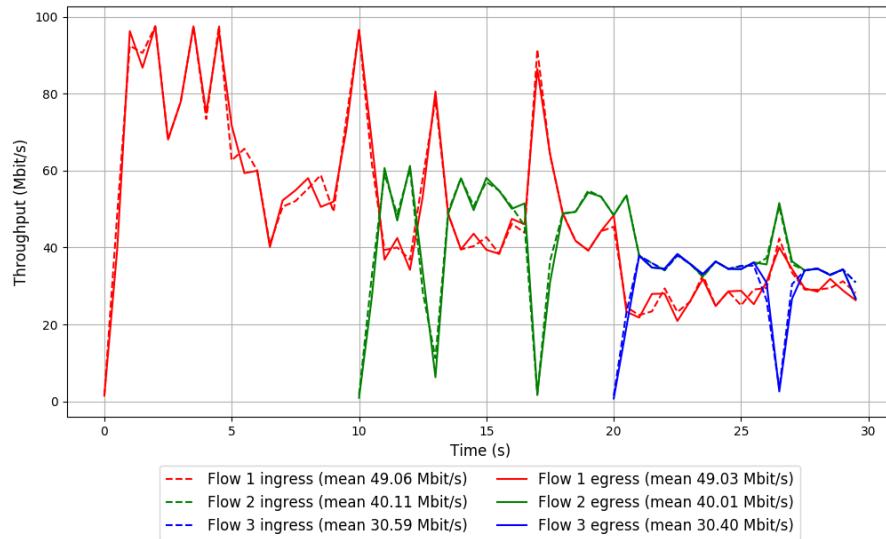


Run 10: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 02:38:47 +0000
End at: Mon, 10 Jul 2017 02:39:17 +0000
Local clock offset: 0.913 ms
Remote clock offset: -1.28 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.63 Mbit/s
95th percentile per-packet one-way delay: 69.861 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 49.03 Mbit/s
95th percentile per-packet one-way delay: 69.540 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 40.01 Mbit/s
95th percentile per-packet one-way delay: 69.876 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 30.40 Mbit/s
95th percentile per-packet one-way delay: 69.970 ms
Loss rate: 1.49%
```

Run 10: Report of Verus — Data Link

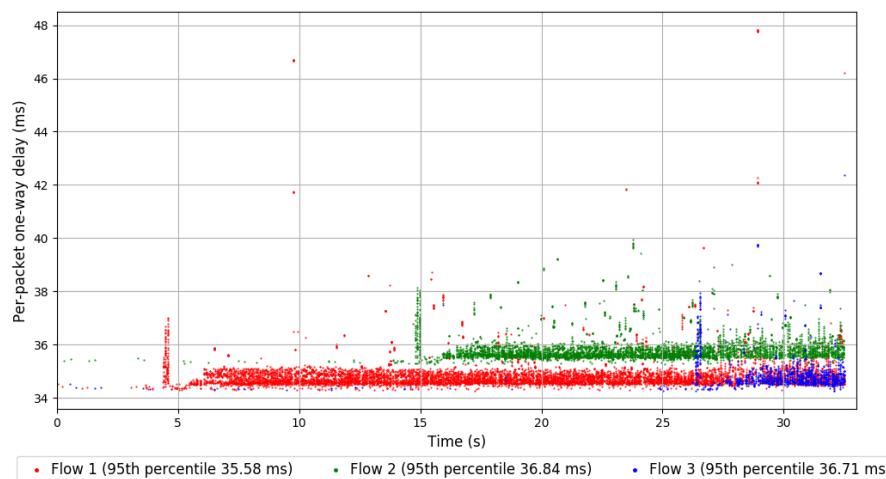
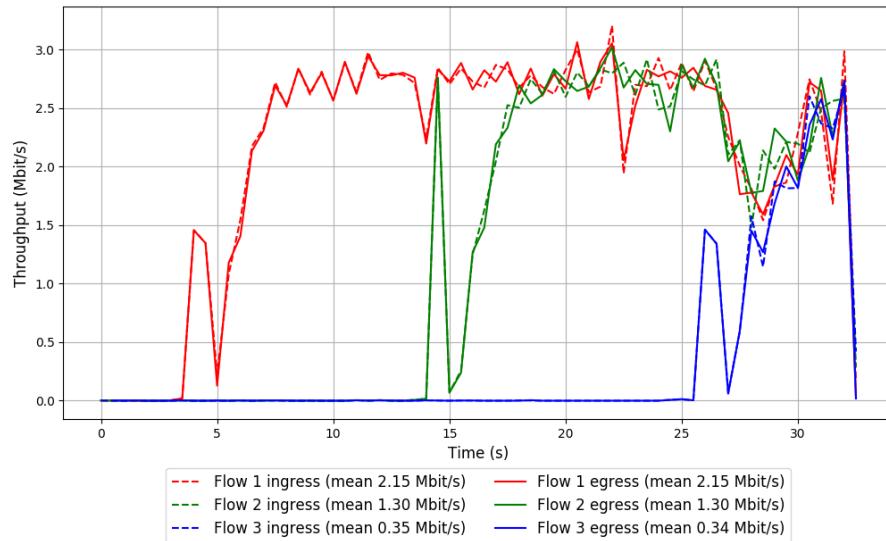


```
Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:37:35 +0000
End at: Sun, 09 Jul 2017 23:38:05 +0000
Local clock offset: 0.569 ms
Remote clock offset: -1.138 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 36.326 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 35.579 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 36.841 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 36.714 ms
Loss rate: 2.07%
```

Run 1: Report of WebRTC media — Data Link

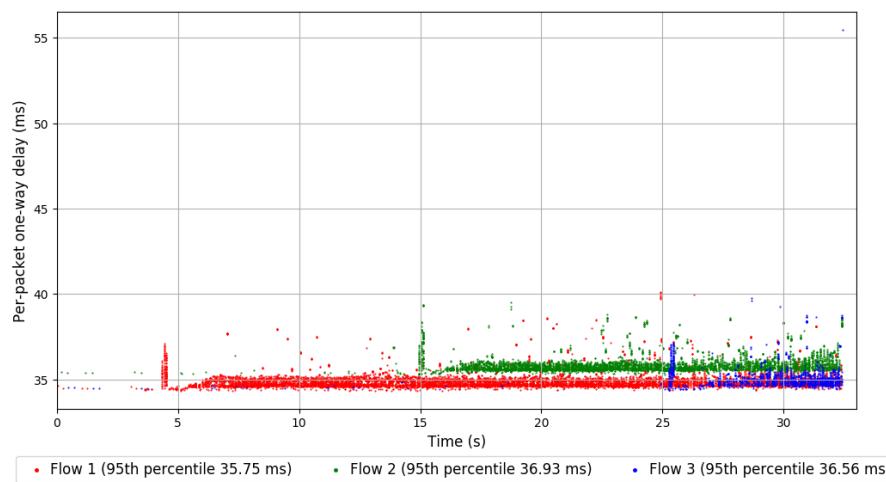
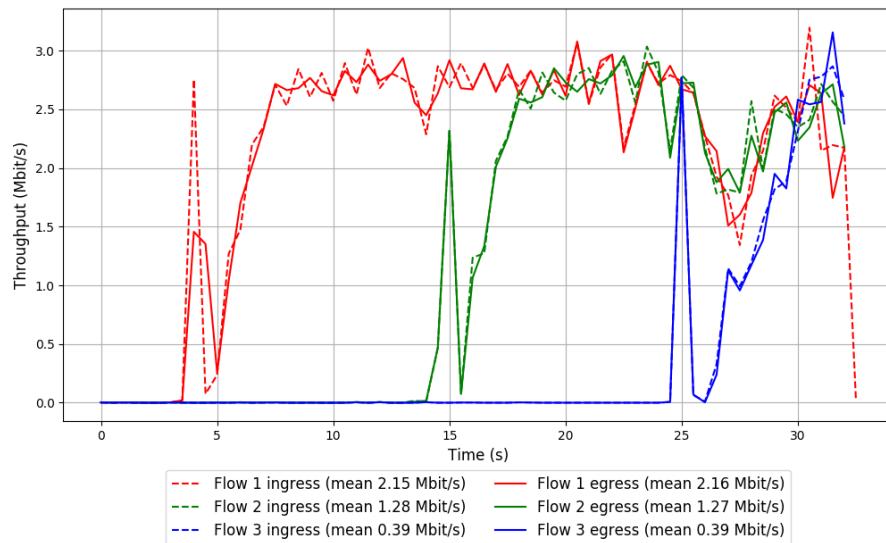


```
Run 2: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:58:14 +0000
End at: Sun, 09 Jul 2017 23:58:44 +0000
Local clock offset: 0.729 ms
Remote clock offset: -1.009 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 36.474 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 35.746 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 36.932 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 36.564 ms
Loss rate: 1.36%
```

Run 2: Report of WebRTC media — Data Link

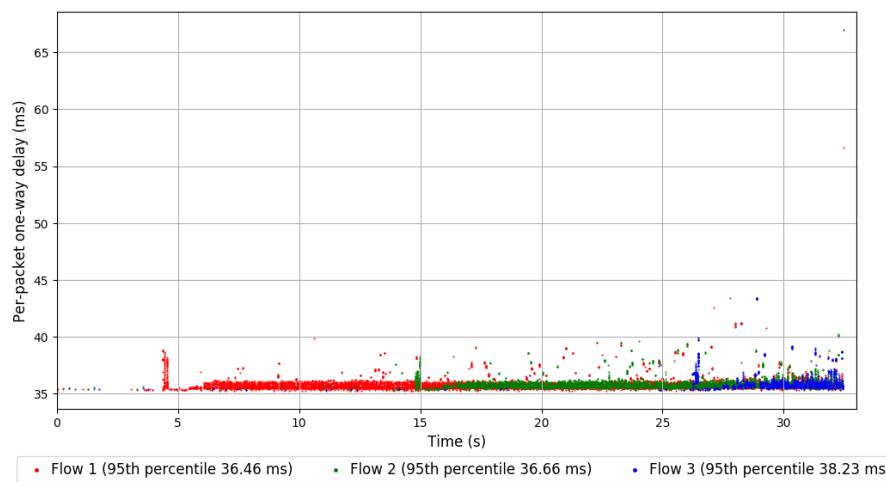
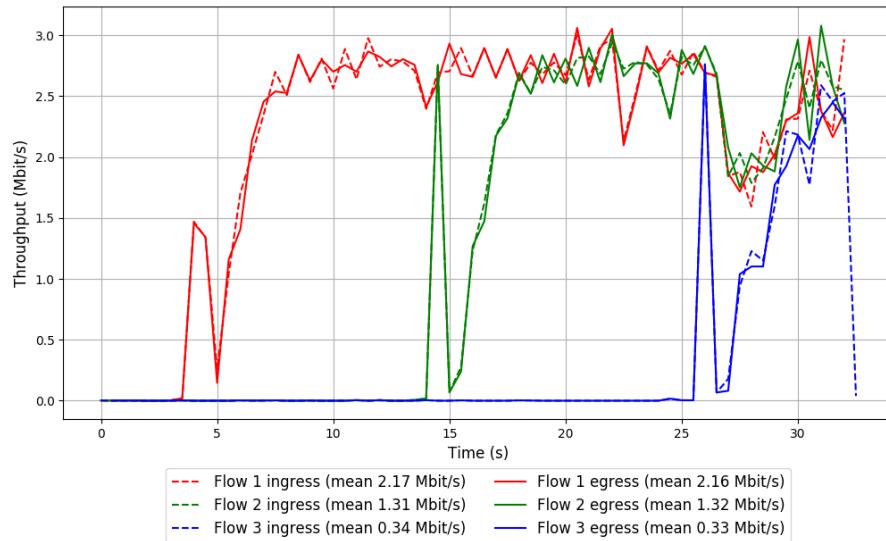


Run 3: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:19:07 +0000
End at: Mon, 10 Jul 2017 00:19:37 +0000
Local clock offset: 0.651 ms
Remote clock offset: -1.356 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 36.768 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 36.460 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 36.658 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 38.227 ms
Loss rate: 2.40%
```

Run 3: Report of WebRTC media — Data Link

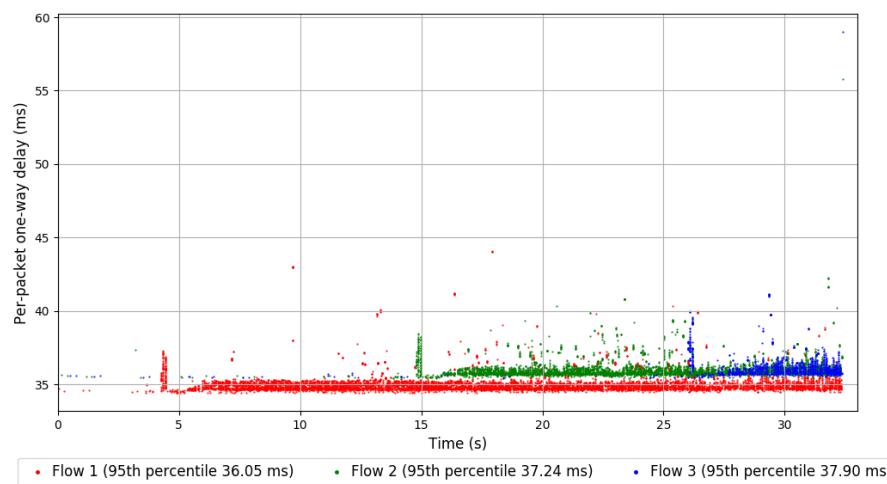
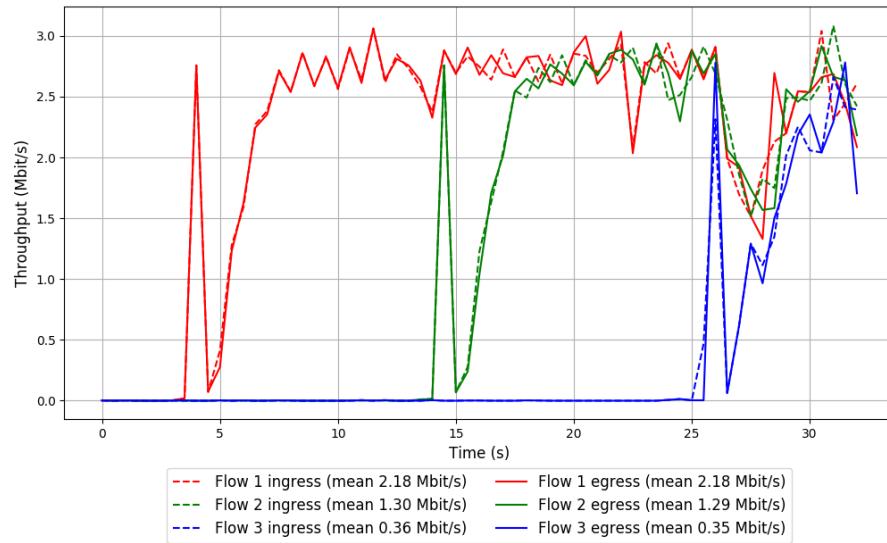


Run 4: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:40:07 +0000
End at: Mon, 10 Jul 2017 00:40:37 +0000
Local clock offset: 0.638 ms
Remote clock offset: -1.362 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.81 Mbit/s
95th percentile per-packet one-way delay: 36.870 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 36.048 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 37.245 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 37.903 ms
Loss rate: 2.98%
```

Run 4: Report of WebRTC media — Data Link

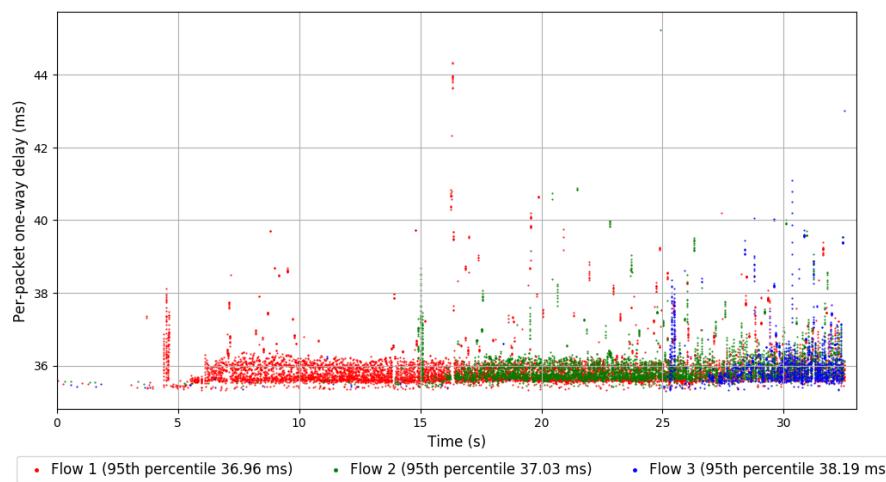
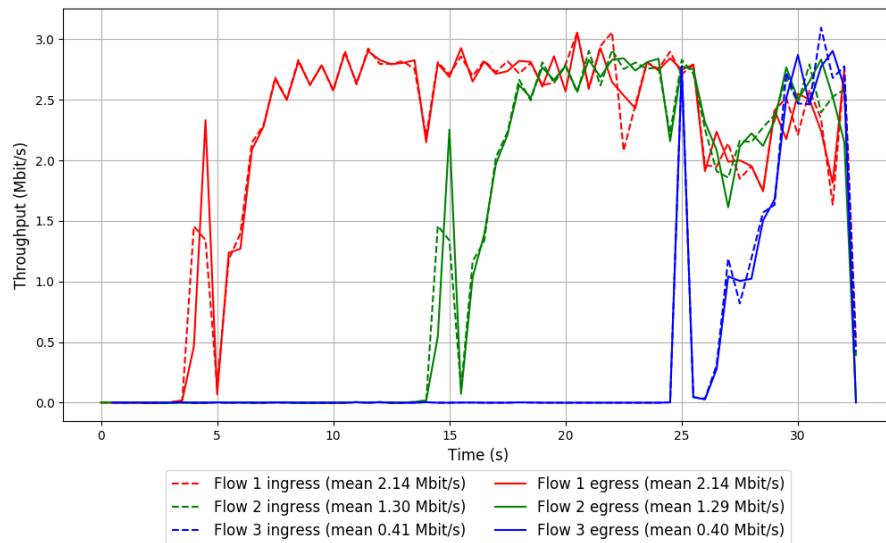


Run 5: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:00:55 +0000
End at: Mon, 10 Jul 2017 01:01:25 +0000
Local clock offset: 0.647 ms
Remote clock offset: -1.425 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.81 Mbit/s
95th percentile per-packet one-way delay: 37.169 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 36.961 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 37.033 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 38.192 ms
Loss rate: 2.64%
```

Run 5: Report of WebRTC media — Data Link

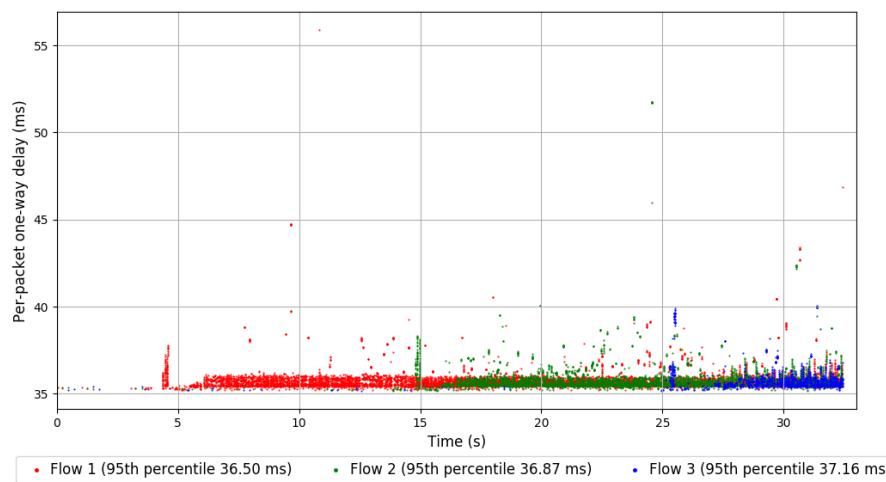
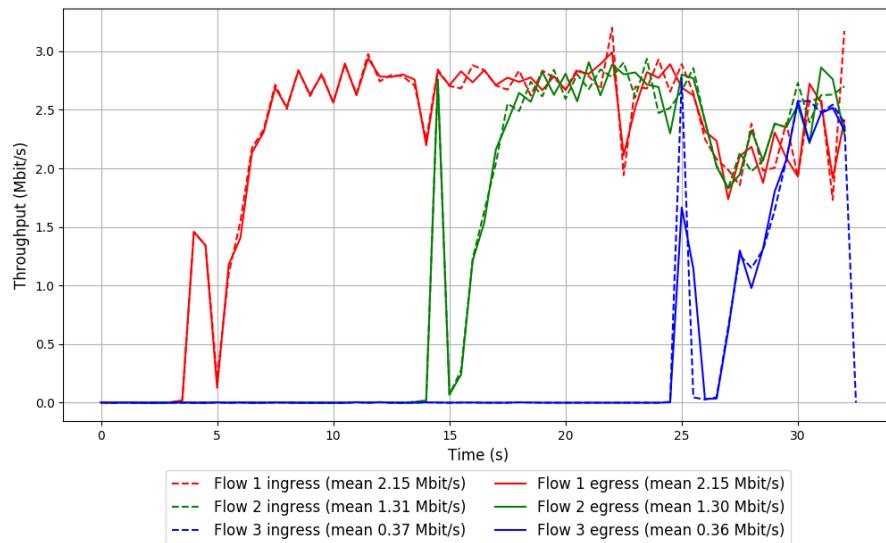


Run 6: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:21:44 +0000
End at: Mon, 10 Jul 2017 01:22:14 +0000
Local clock offset: 0.631 ms
Remote clock offset: -3.689 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 36.678 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 36.502 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 36.872 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 37.162 ms
Loss rate: 1.91%
```

Run 6: Report of WebRTC media — Data Link

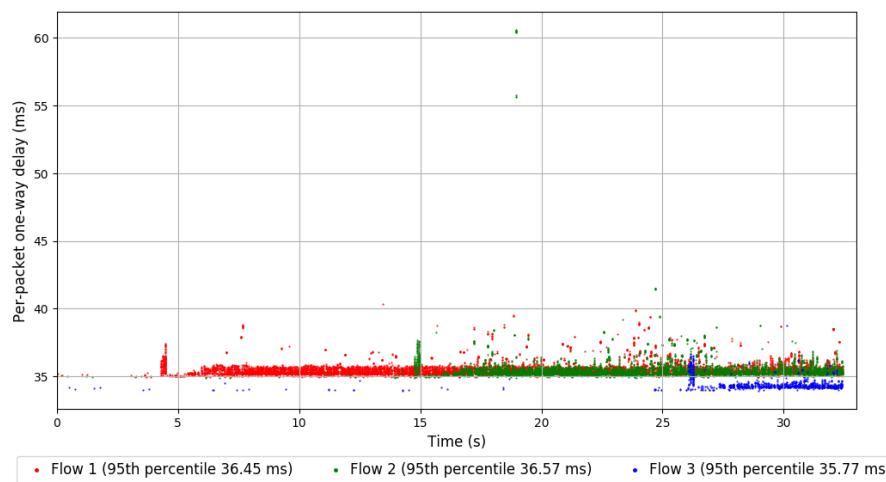
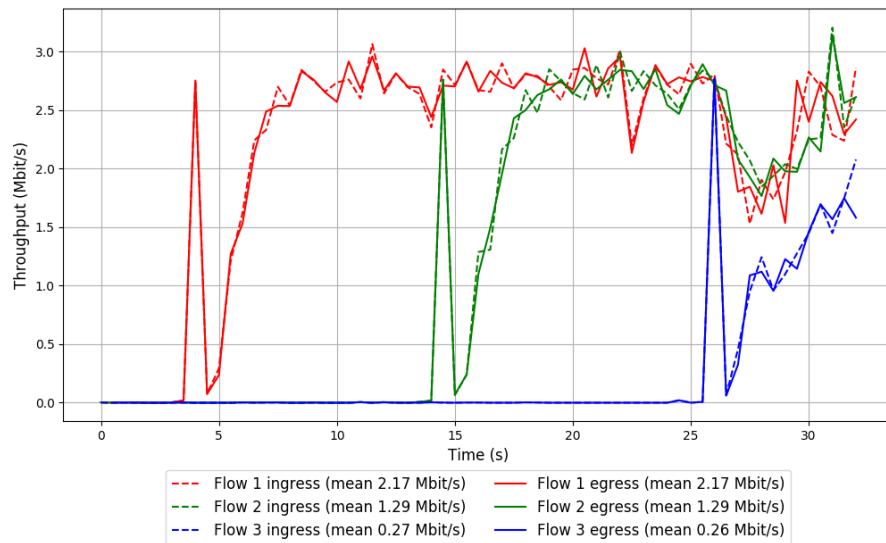


Run 7: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:42:26 +0000
End at: Mon, 10 Jul 2017 01:42:56 +0000
Local clock offset: 0.851 ms
Remote clock offset: -1.72 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 36.459 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 36.448 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 36.574 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 35.767 ms
Loss rate: 2.87%
```

Run 7: Report of WebRTC media — Data Link

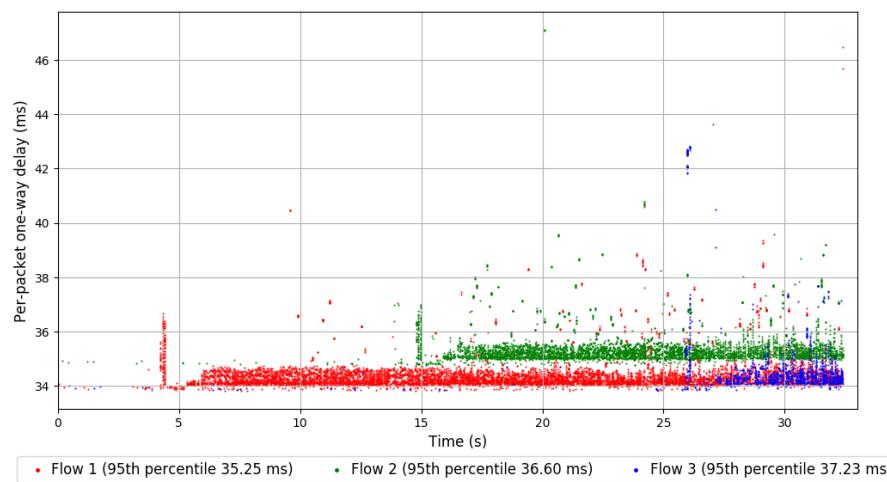
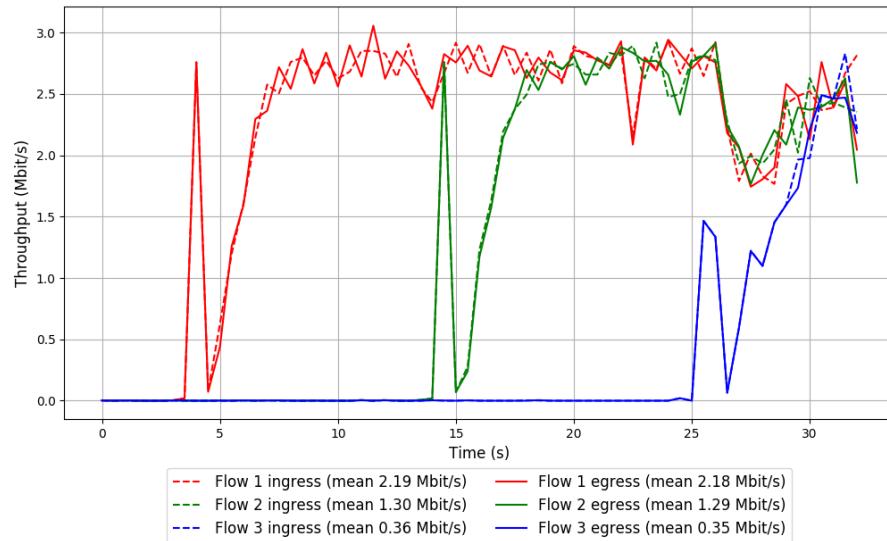


Run 8: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 02:03:10 +0000
End at: Mon, 10 Jul 2017 02:03:40 +0000
Local clock offset: 0.815 ms
Remote clock offset: -1.387 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.81 Mbit/s
95th percentile per-packet one-way delay: 36.085 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 35.254 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 36.598 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 37.234 ms
Loss rate: 1.71%
```

Run 8: Report of WebRTC media — Data Link

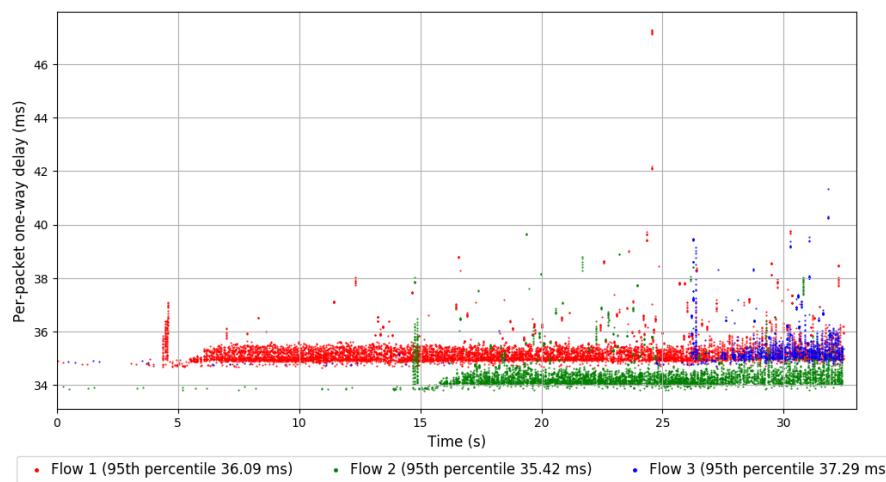
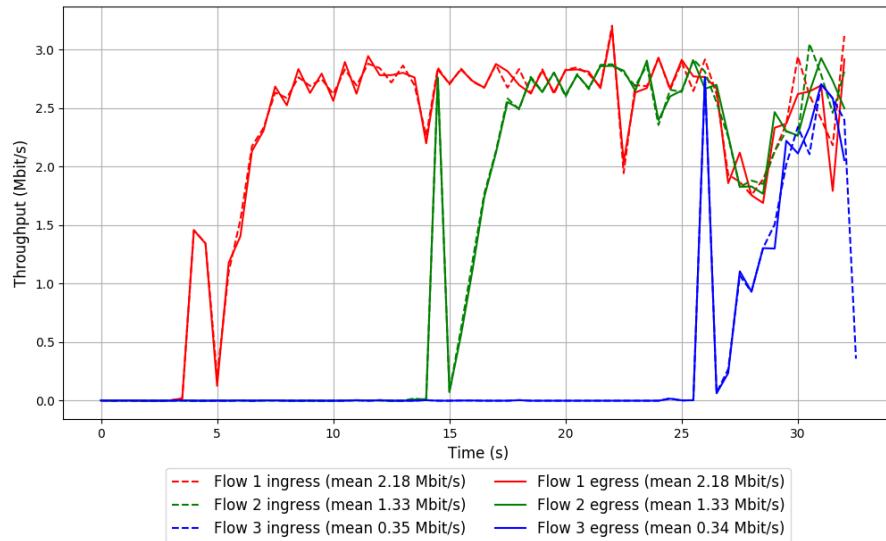


Run 9: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 02:23:44 +0000
End at: Mon, 10 Jul 2017 02:24:14 +0000
Local clock offset: 0.965 ms
Remote clock offset: -3.807 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 36.087 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 36.091 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 35.423 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 37.287 ms
Loss rate: 3.13%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 02:44:23 +0000
End at: Mon, 10 Jul 2017 02:44:53 +0000
Local clock offset: 0.788 ms
Remote clock offset: -1.789 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:43:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 36.240 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 35.101 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 37.198 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 37.967 ms
Loss rate: 1.93%
```

Run 10: Report of WebRTC media — Data Link

