

Pantheon Summary (Generated at Tue, 01 Aug 2017 08:34:40 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 15 congestion control schemes 10 times.

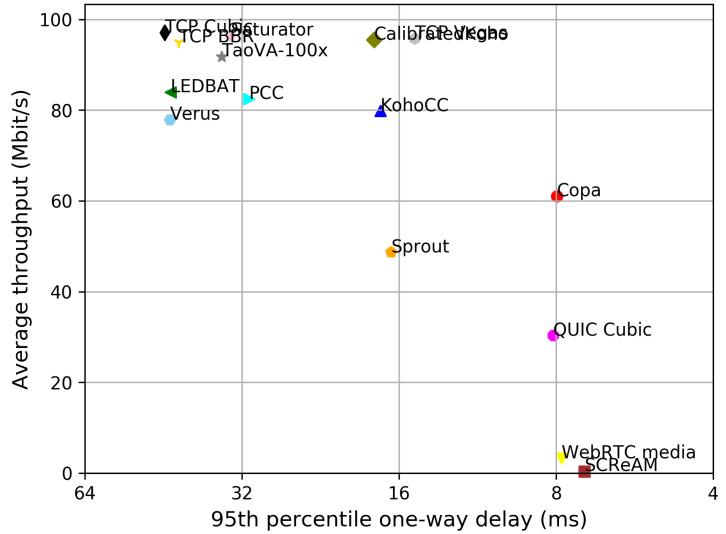
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).

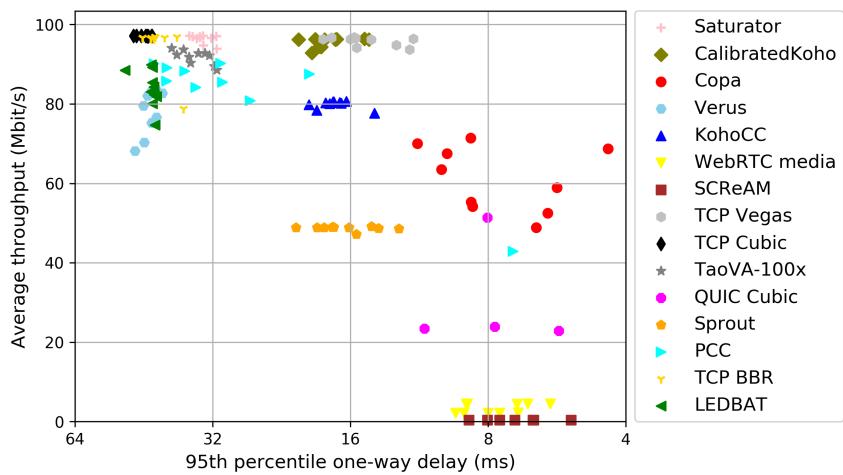
NTP offset measured against nets.org.sg and has been applied to correct the timestamps in logs.

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



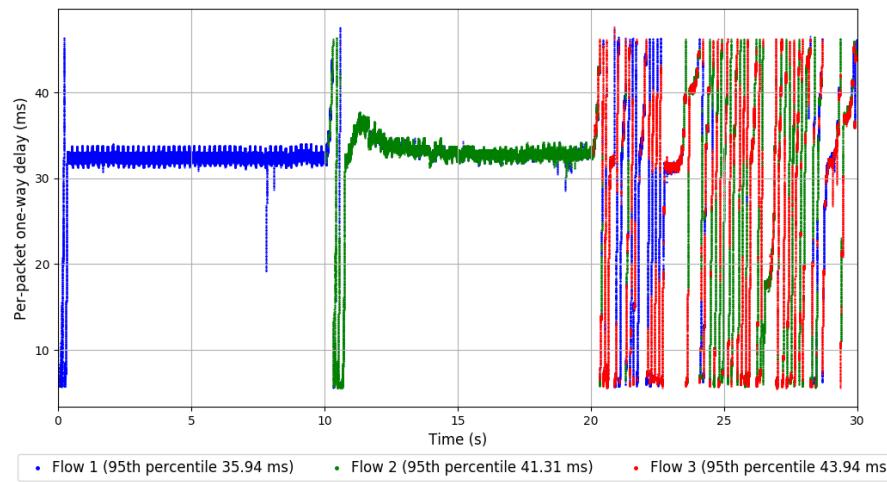
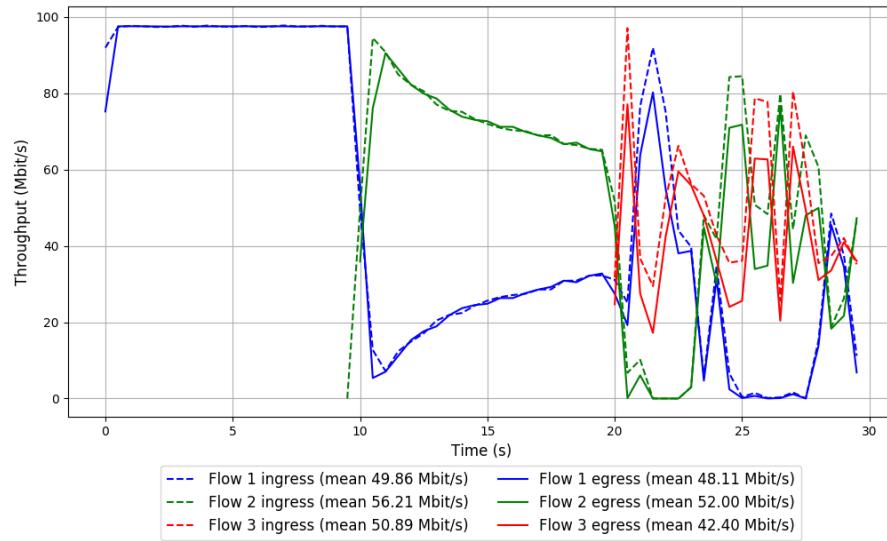
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	50.61	45.30	42.04	577.09	42.64	44.22	3.92	8.72	12.85
CalibratedKoho	10	50.36	41.82	52.30	17.14	17.92	17.81	0.00	0.00	0.00
Copa	10	33.19	30.49	23.02	7.92	8.00	8.14	0.00	0.00	0.00
TCP Cubic	10	66.38	33.89	24.82	44.88	45.22	45.12	0.68	0.82	0.65
KohoCC	10	42.83	39.70	31.96	16.53	17.37	18.47	0.00	0.00	0.00
LEDBAT	10	51.79	34.44	28.17	43.41	44.37	43.99	0.32	0.55	0.55
PCC	10	67.06	12.75	21.14	30.04	32.45	31.63	0.90	0.91	2.37
QUIC Cubic	10	0.26	19.52	53.50	8.56	7.38	8.15	0.00	0.00	0.00
Saturator	10	63.70	48.39	32.79	33.64	33.65	43.61	0.26	0.55	22.23
SCReAM	10	0.21	0.21	0.22	7.07	7.03	7.04	0.00	0.00	0.00
Sprout	10	24.51	24.39	24.10	16.34	16.40	17.13	0.00	0.00	0.00
TaoVA-100x	10	55.72	38.95	31.06	32.66	37.11	36.49	1.59	3.51	5.44
TCP Vegas	10	60.28	35.55	35.76	15.72	12.45	11.72	0.26	0.00	0.00
Verus	10	49.81	32.46	21.86	43.74	44.22	44.31	28.86	36.61	43.07
WebRTC media	10	1.24	1.52	0.62	8.06	7.77	8.40	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: Mon, 31 Jul 2017 23:42:32 +0000
End at: Mon, 31 Jul 2017 23:43:02 +0000
Local clock offset: 3.99 ms
Remote clock offset: -4.268 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:20:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 40.802 ms
Loss rate: 7.12%
-- Flow 1:
Average throughput: 48.11 Mbit/s
95th percentile per-packet one-way delay: 35.940 ms
Loss rate: 3.43%
-- Flow 2:
Average throughput: 52.00 Mbit/s
95th percentile per-packet one-way delay: 41.309 ms
Loss rate: 7.66%
-- Flow 3:
Average throughput: 42.40 Mbit/s
95th percentile per-packet one-way delay: 43.937 ms
Loss rate: 16.81%
```

Run 1: Report of TCP BBR — Data Link

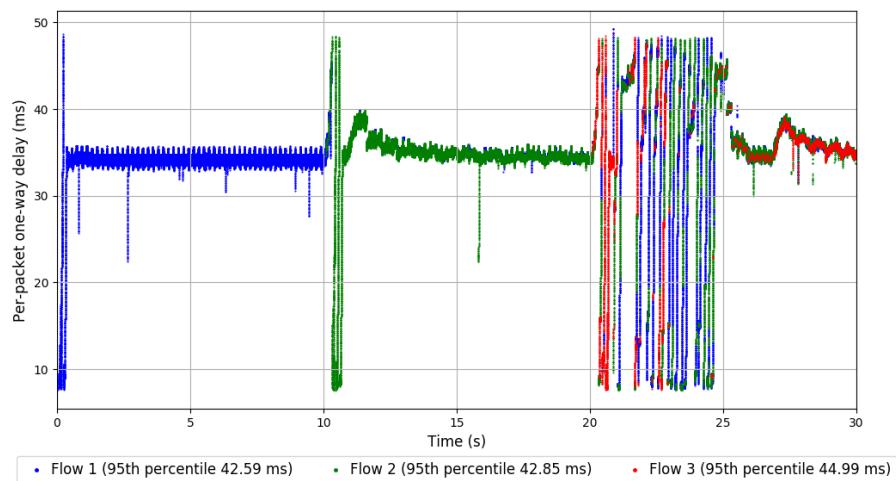
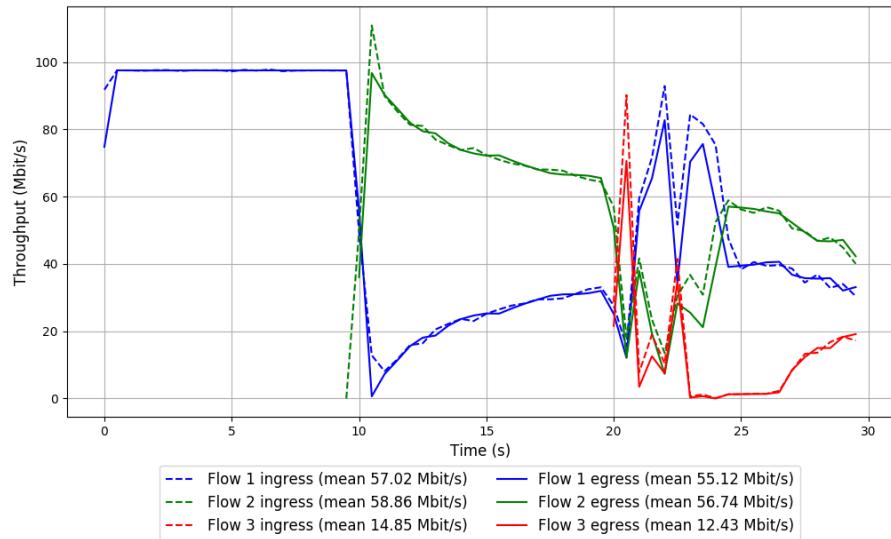


Run 2: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 00:00:34 +0000
End at: Tue, 01 Aug 2017 00:01:04 +0000
Local clock offset: 1.501 ms
Remote clock offset: -4.276 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:20:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 42.821 ms
Loss rate: 4.01%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 42.593 ms
Loss rate: 3.24%
-- Flow 2:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 42.852 ms
Loss rate: 3.59%
-- Flow 3:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 44.994 ms
Loss rate: 16.30%
```

Run 2: Report of TCP BBR — Data Link

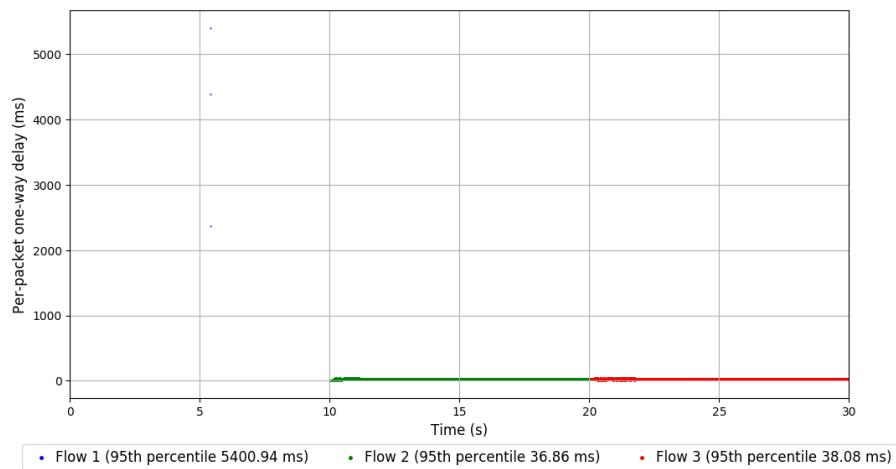
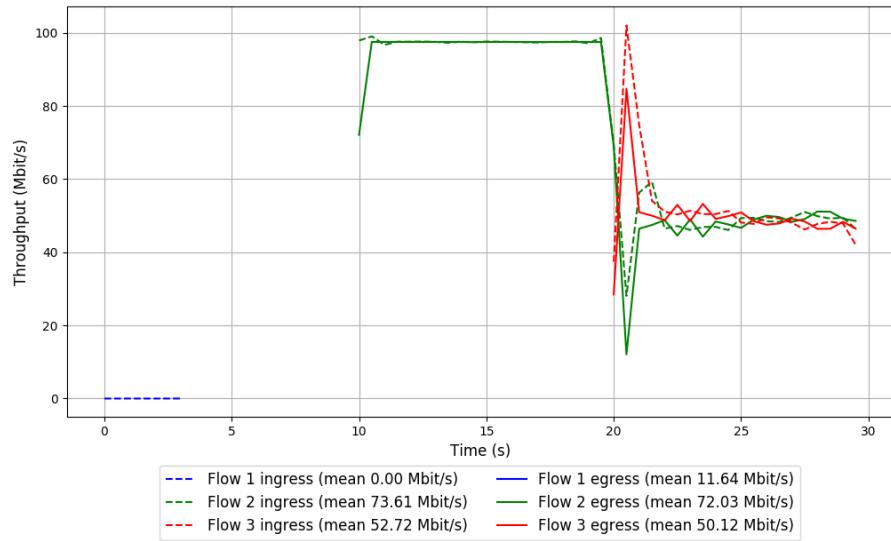


Run 3: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 00:20:11 +0000
End at: Tue, 01 Aug 2017 00:20:41 +0000
Local clock offset: 2.539 ms
Remote clock offset: -3.475 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:20:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 37.057 ms
Loss rate: 2.83%
-- Flow 1:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 5400.940 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.03 Mbit/s
95th percentile per-packet one-way delay: 36.864 ms
Loss rate: 2.08%
-- Flow 3:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 38.082 ms
Loss rate: 4.93%
```

Run 3: Report of TCP BBR — Data Link

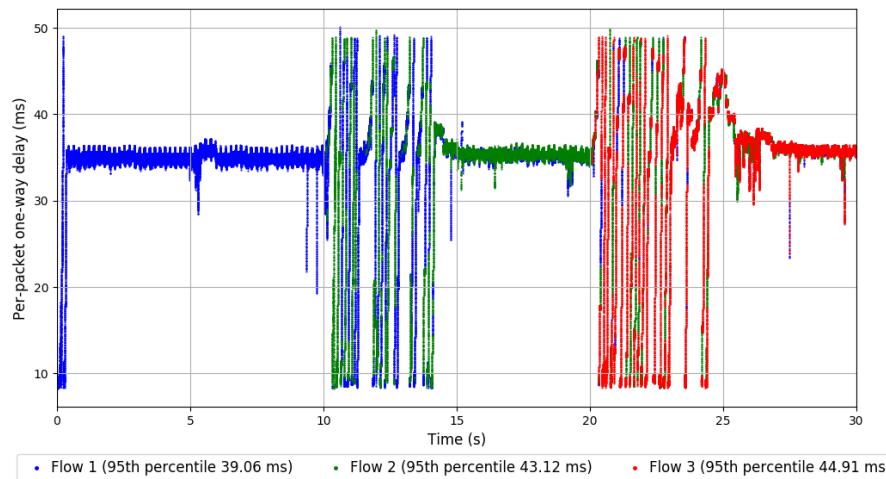
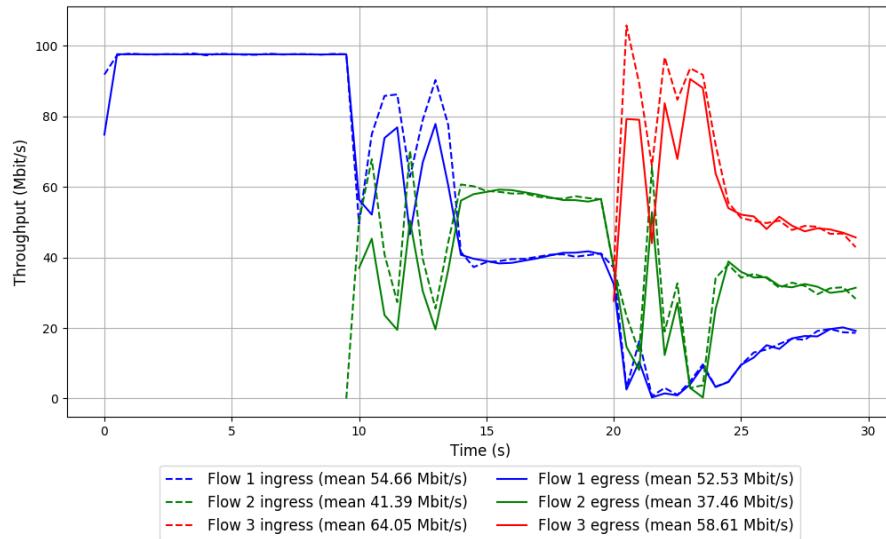


Run 4: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 01:09:01 +0000
End at: Tue, 01 Aug 2017 01:09:31 +0000
Local clock offset: 0.554 ms
Remote clock offset: -4.337 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:20:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 42.746 ms
Loss rate: 6.29%
-- Flow 1:
Average throughput: 52.53 Mbit/s
95th percentile per-packet one-way delay: 39.062 ms
Loss rate: 3.82%
-- Flow 2:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 43.122 ms
Loss rate: 9.49%
-- Flow 3:
Average throughput: 58.61 Mbit/s
95th percentile per-packet one-way delay: 44.915 ms
Loss rate: 8.49%
```

Run 4: Report of TCP BBR — Data Link

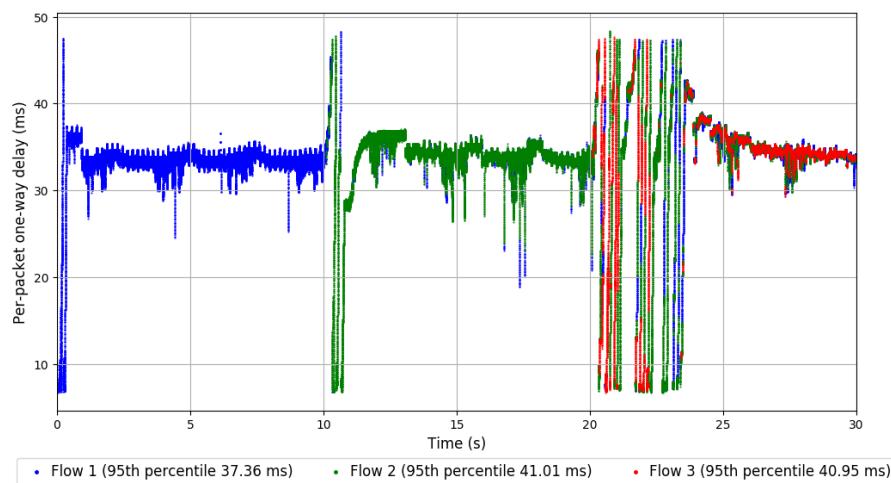
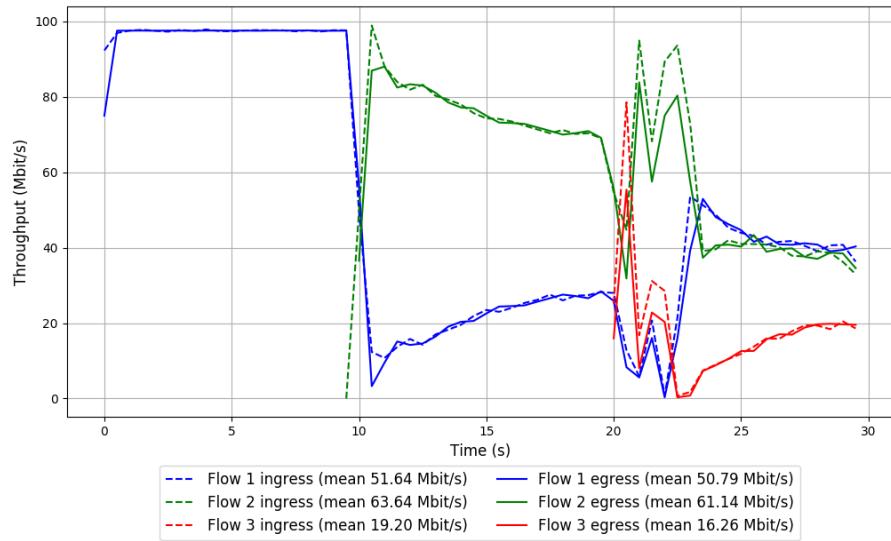


Run 5: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 01:28:15 +0000
End at: Tue, 01 Aug 2017 01:28:45 +0000
Local clock offset: 1.553 ms
Remote clock offset: -4.774 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 38.335 ms
Loss rate: 3.42%
-- Flow 1:
Average throughput: 50.79 Mbit/s
95th percentile per-packet one-way delay: 37.362 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: 41.008 ms
Loss rate: 3.94%
-- Flow 3:
Average throughput: 16.26 Mbit/s
95th percentile per-packet one-way delay: 40.954 ms
Loss rate: 15.29%
```

Run 5: Report of TCP BBR — Data Link

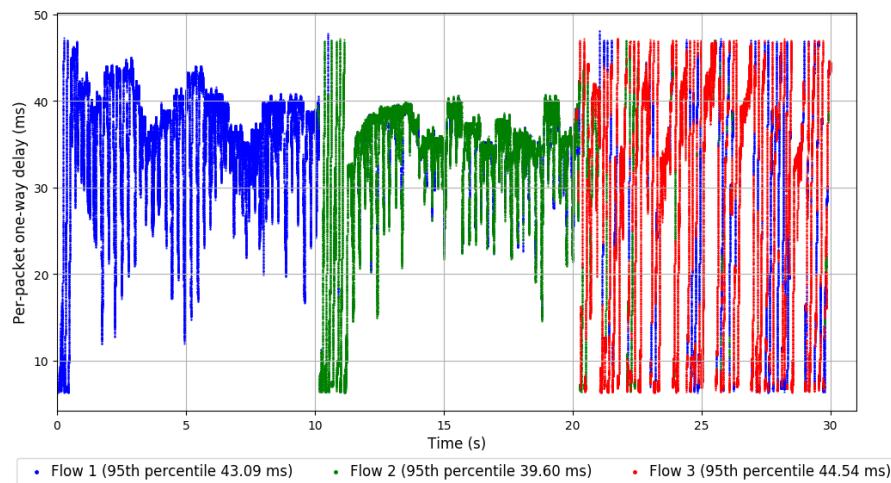
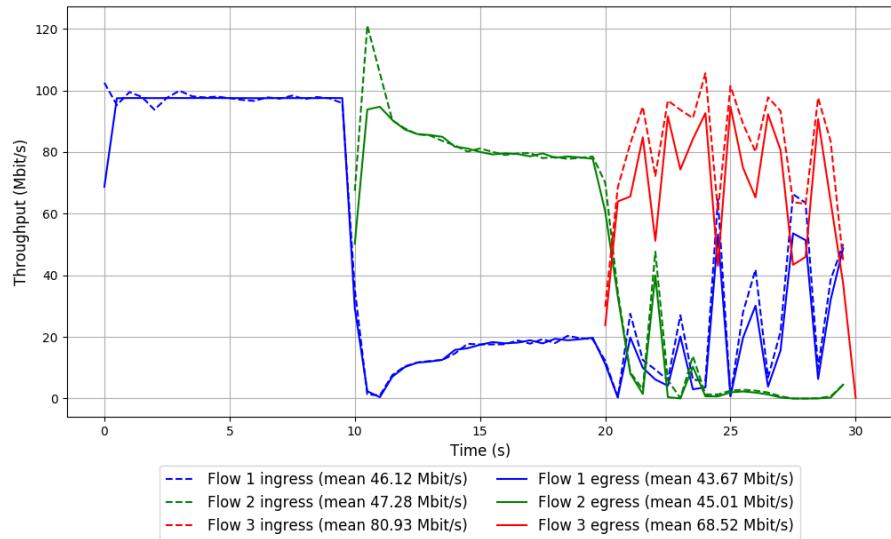


Run 6: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 02:07:43 +0000
End at: Tue, 01 Aug 2017 02:08:13 +0000
Local clock offset: 2.103 ms
Remote clock offset: -3.341 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 43.081 ms
Loss rate: 7.64%
-- Flow 1:
Average throughput: 43.67 Mbit/s
95th percentile per-packet one-way delay: 43.092 ms
Loss rate: 5.19%
-- Flow 2:
Average throughput: 45.01 Mbit/s
95th percentile per-packet one-way delay: 39.604 ms
Loss rate: 4.72%
-- Flow 3:
Average throughput: 68.52 Mbit/s
95th percentile per-packet one-way delay: 44.539 ms
Loss rate: 15.26%
```

Run 6: Report of TCP BBR — Data Link

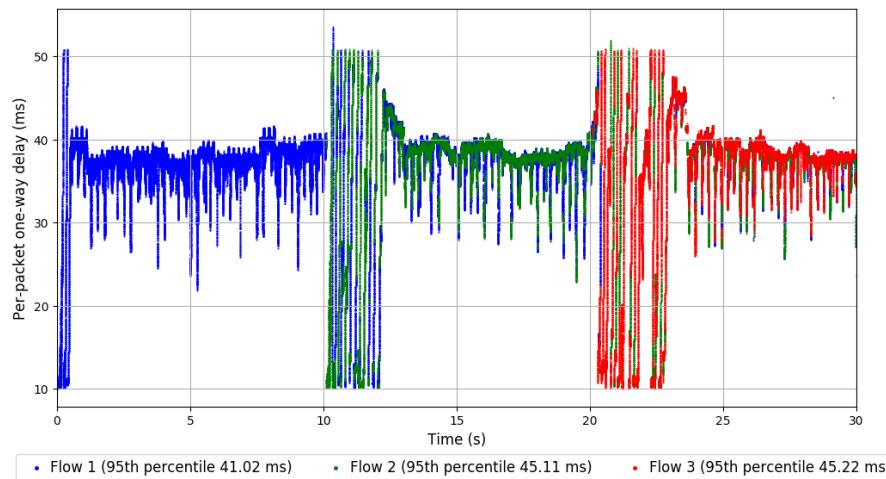
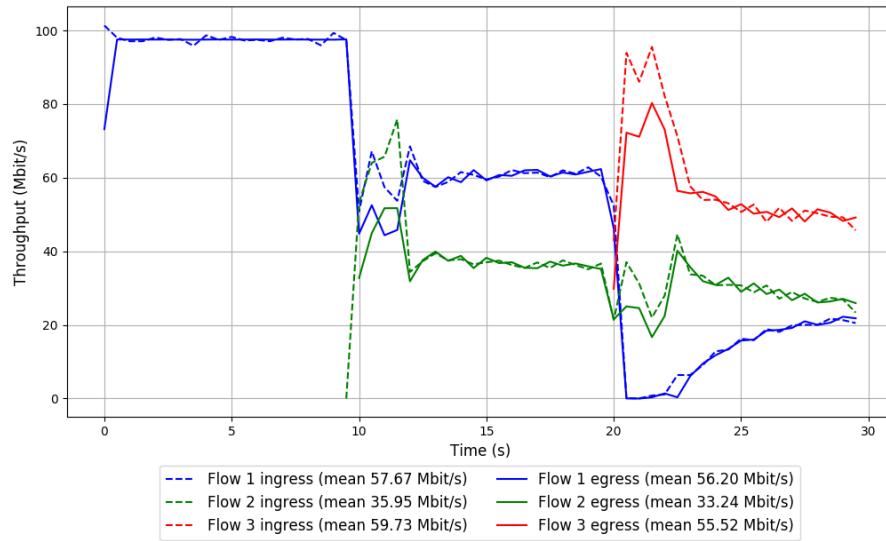


Run 7: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 02:57:04 +0000
End at: Tue, 01 Aug 2017 02:57:34 +0000
Local clock offset: -1.324 ms
Remote clock offset: -3.209 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 43.571 ms
Loss rate: 4.59%
-- Flow 1:
Average throughput: 56.20 Mbit/s
95th percentile per-packet one-way delay: 41.024 ms
Loss rate: 2.46%
-- Flow 2:
Average throughput: 33.24 Mbit/s
95th percentile per-packet one-way delay: 45.114 ms
Loss rate: 7.63%
-- Flow 3:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 45.219 ms
Loss rate: 7.11%
```

Run 7: Report of TCP BBR — Data Link

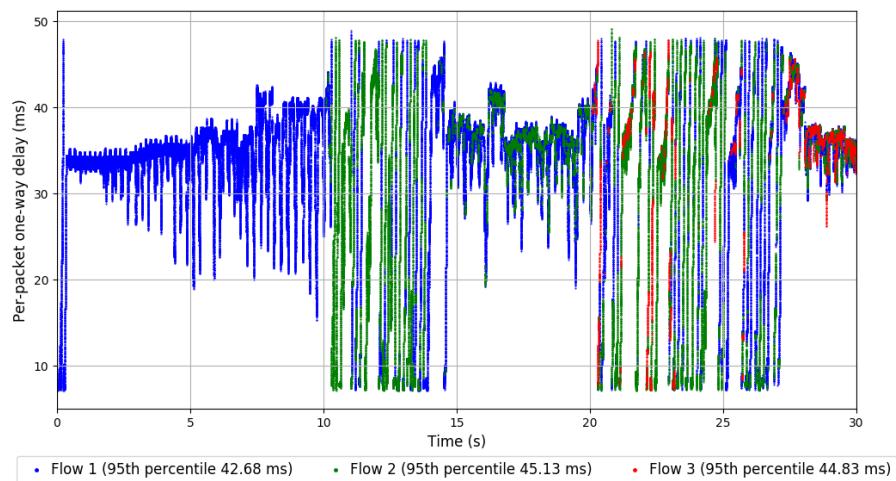
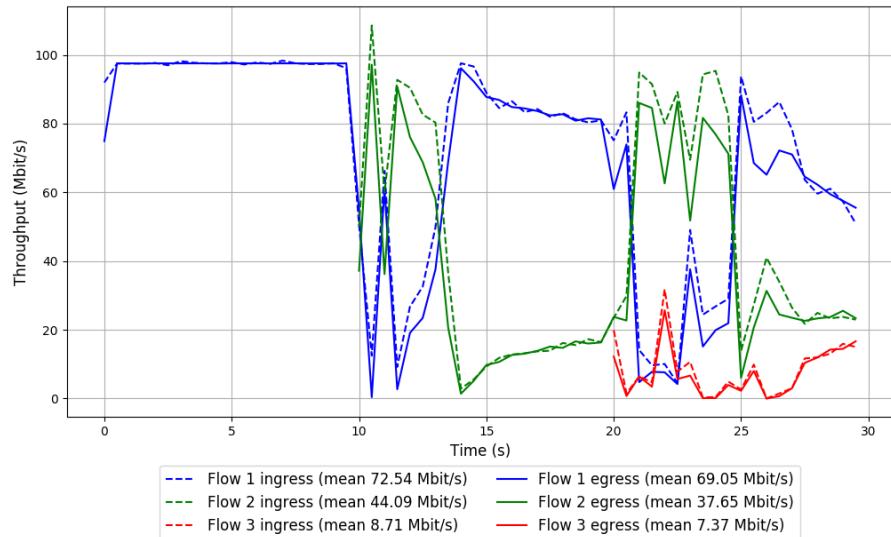


Run 8: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 03:41:38 +0000
End at: Tue, 01 Aug 2017 03:42:08 +0000
Local clock offset: 0.206 ms
Remote clock offset: -4.838 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 43.733 ms
Loss rate: 7.84%
-- Flow 1:
Average throughput: 69.05 Mbit/s
95th percentile per-packet one-way delay: 42.677 ms
Loss rate: 4.81%
-- Flow 2:
Average throughput: 37.65 Mbit/s
95th percentile per-packet one-way delay: 45.131 ms
Loss rate: 14.62%
-- Flow 3:
Average throughput: 7.37 Mbit/s
95th percentile per-packet one-way delay: 44.833 ms
Loss rate: 15.29%
```

Run 8: Report of TCP BBR — Data Link

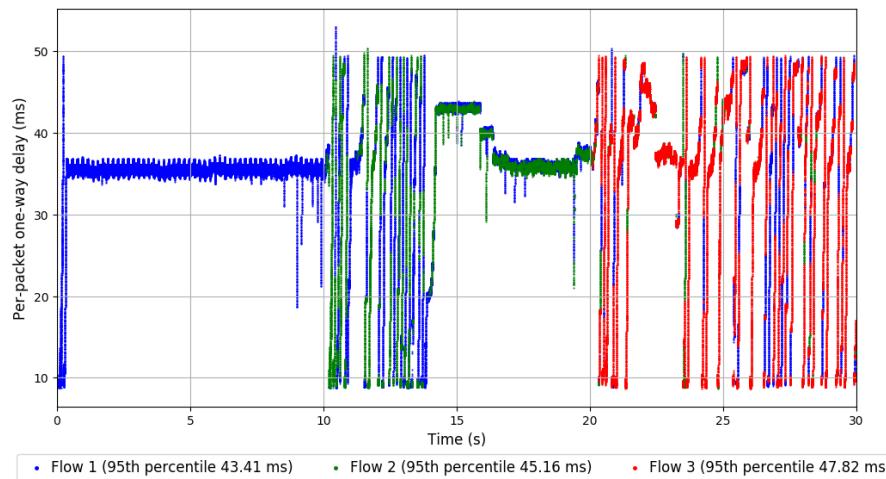
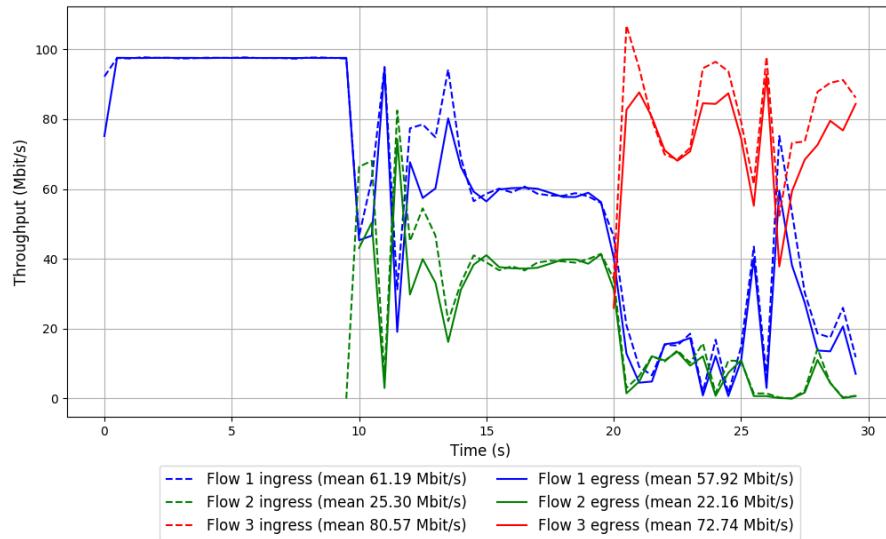


Run 9: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 04:12:50 +0000
End at: Tue, 01 Aug 2017 04:13:20 +0000
Local clock offset: 1.866 ms
Remote clock offset: -2.163 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 45.609 ms
Loss rate: 7.66%
-- Flow 1:
Average throughput: 57.92 Mbit/s
95th percentile per-packet one-way delay: 43.406 ms
Loss rate: 5.34%
-- Flow 2:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 45.155 ms
Loss rate: 12.50%
-- Flow 3:
Average throughput: 72.74 Mbit/s
95th percentile per-packet one-way delay: 47.823 ms
Loss rate: 9.91%
```

Run 9: Report of TCP BBR — Data Link

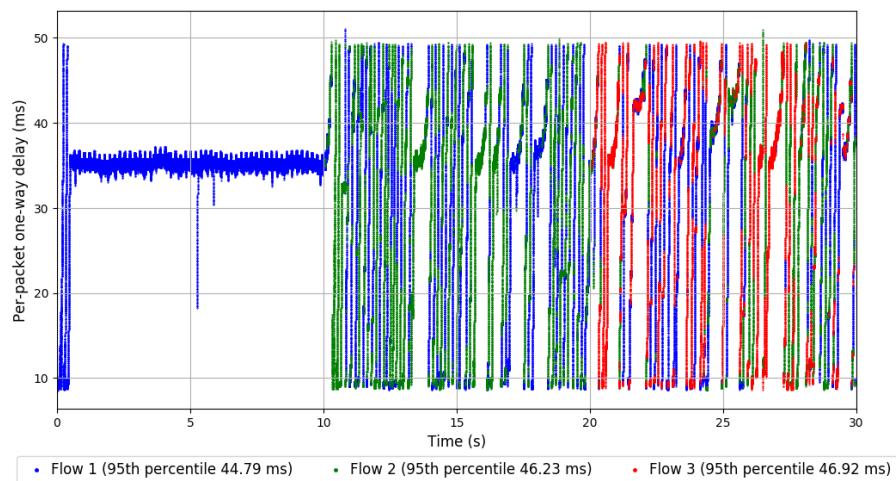
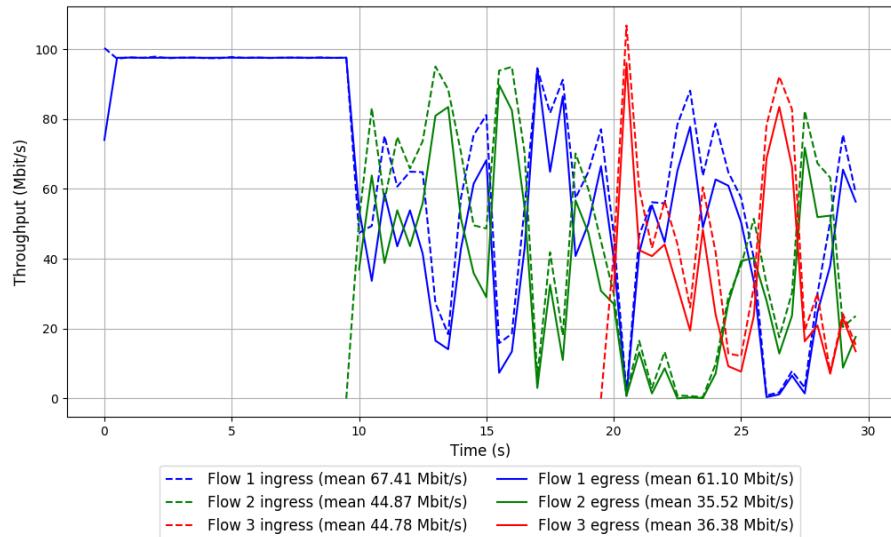


Run 10: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 04:31:15 +0000
End at: Tue, 01 Aug 2017 04:31:45 +0000
Local clock offset: 2.43 ms
Remote clock offset: -2.018 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 45.527 ms
Loss rate: 13.78%
-- Flow 1:
Average throughput: 61.10 Mbit/s
95th percentile per-packet one-way delay: 44.792 ms
Loss rate: 9.41%
-- Flow 2:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 46.233 ms
Loss rate: 20.95%
-- Flow 3:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 46.922 ms
Loss rate: 19.15%
```

Run 10: Report of TCP BBR — Data Link

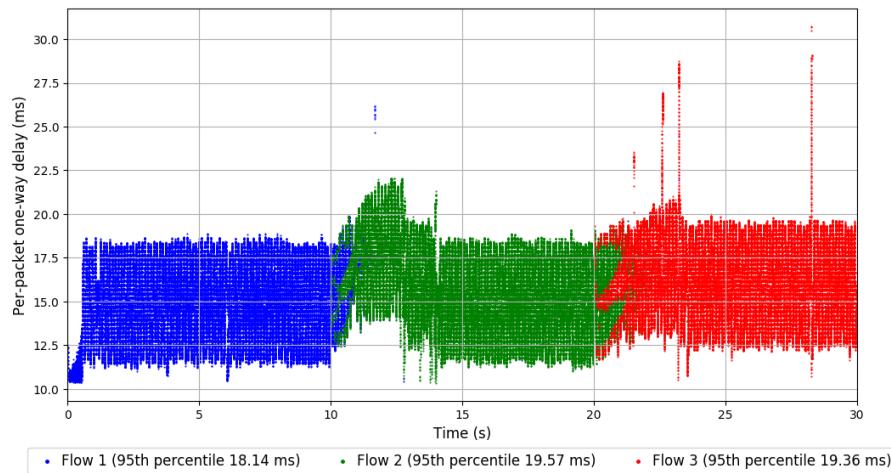
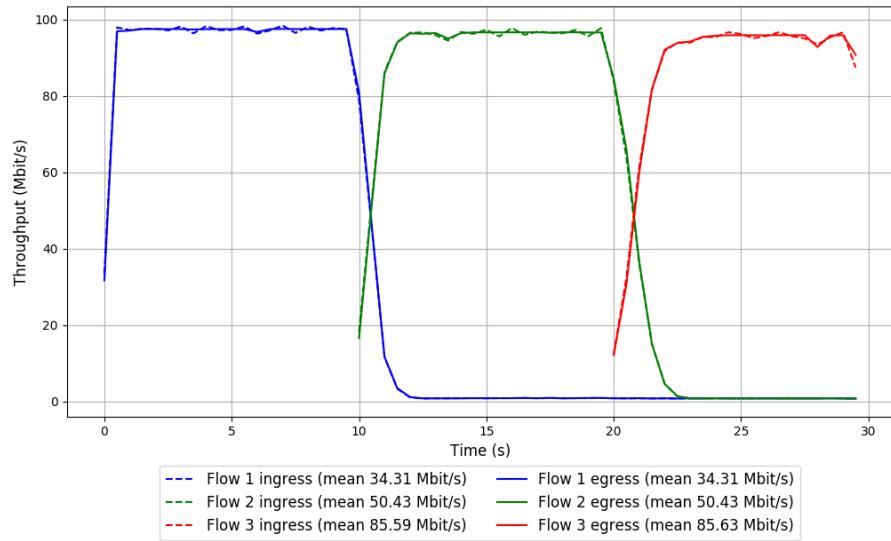


```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Mon, 31 Jul 2017 23:43:47 +0000
End at: Mon, 31 Jul 2017 23:44:17 +0000
Local clock offset: -0.934 ms
Remote clock offset: -4.42 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 19.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.31 Mbit/s
95th percentile per-packet one-way delay: 18.136 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.43 Mbit/s
95th percentile per-packet one-way delay: 19.566 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.63 Mbit/s
95th percentile per-packet one-way delay: 19.355 ms
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link

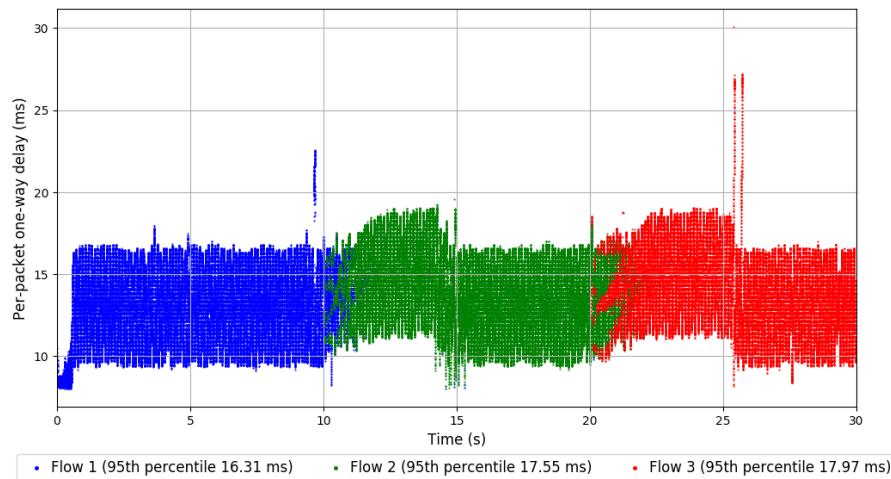
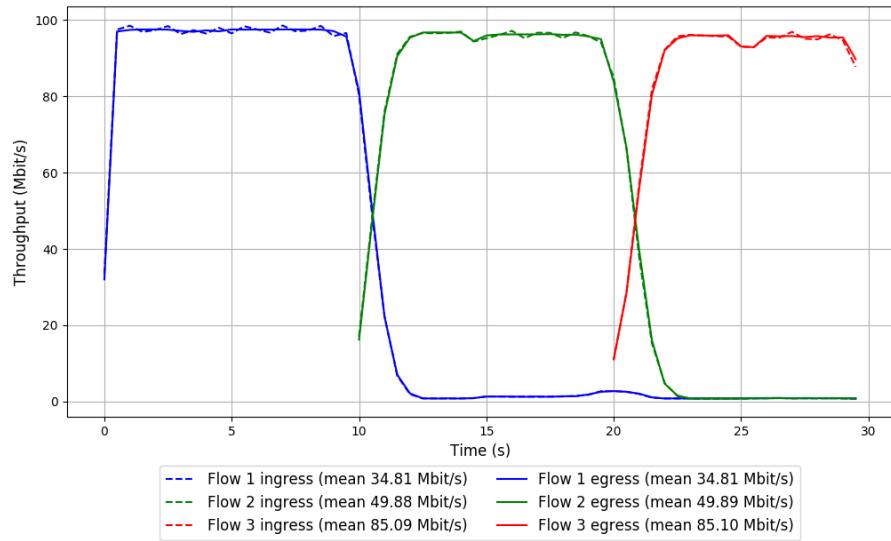


Run 2: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 00:01:46 +0000
End at: Tue, 01 Aug 2017 00:02:16 +0000
Local clock offset: 1.044 ms
Remote clock offset: -4.363 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 17.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 16.309 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 49.89 Mbit/s
95th percentile per-packet one-way delay: 17.545 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.10 Mbit/s
95th percentile per-packet one-way delay: 17.974 ms
Loss rate: 0.00%
```

Run 2: Report of CalibratedKoho — Data Link

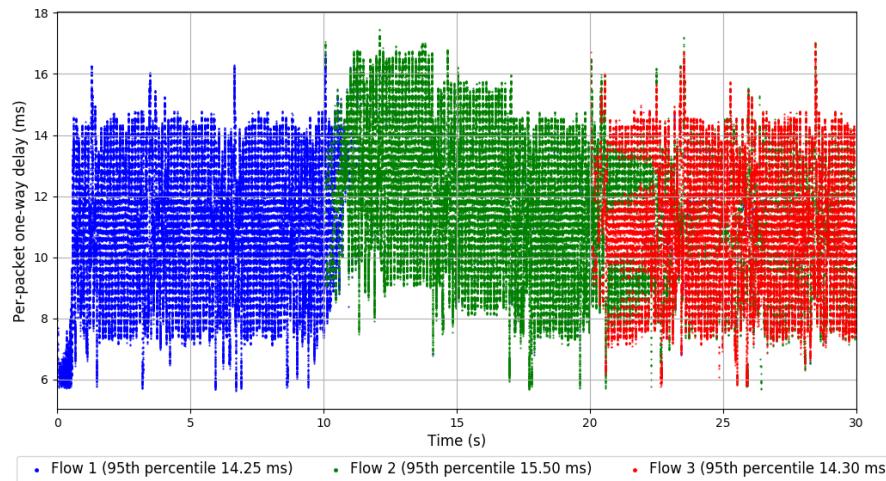
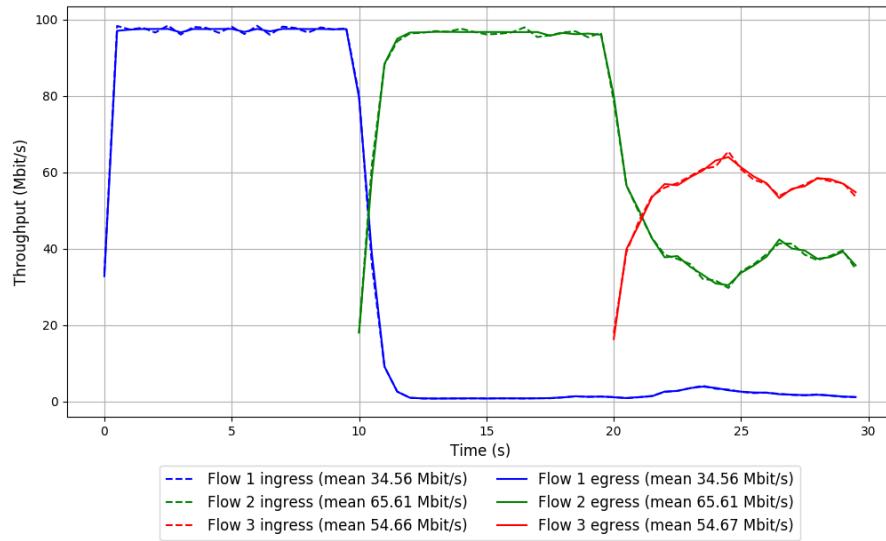


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 00:21:24 +0000
End at: Tue, 01 Aug 2017 00:21:54 +0000
Local clock offset: 3.657 ms
Remote clock offset: -3.854 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:21:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 14.903 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 14.250 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.61 Mbit/s
95th percentile per-packet one-way delay: 15.499 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.67 Mbit/s
95th percentile per-packet one-way delay: 14.297 ms
Loss rate: 0.00%
```

Run 3: Report of CalibratedKoho — Data Link

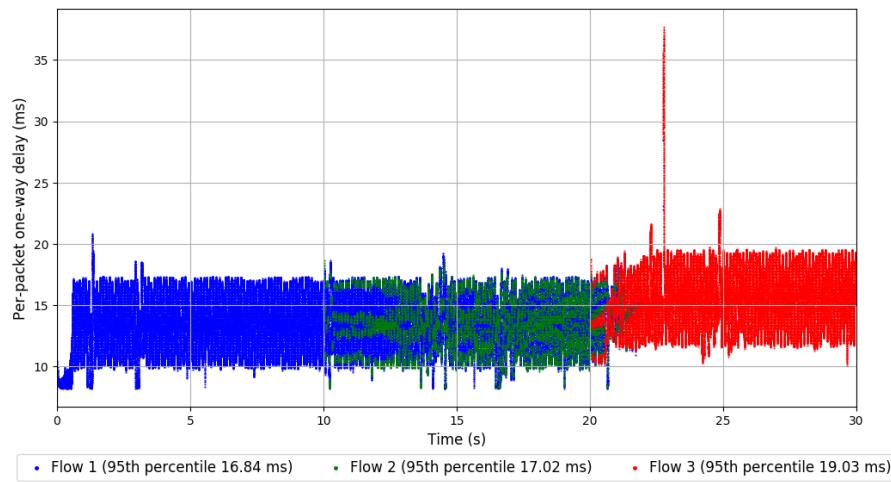
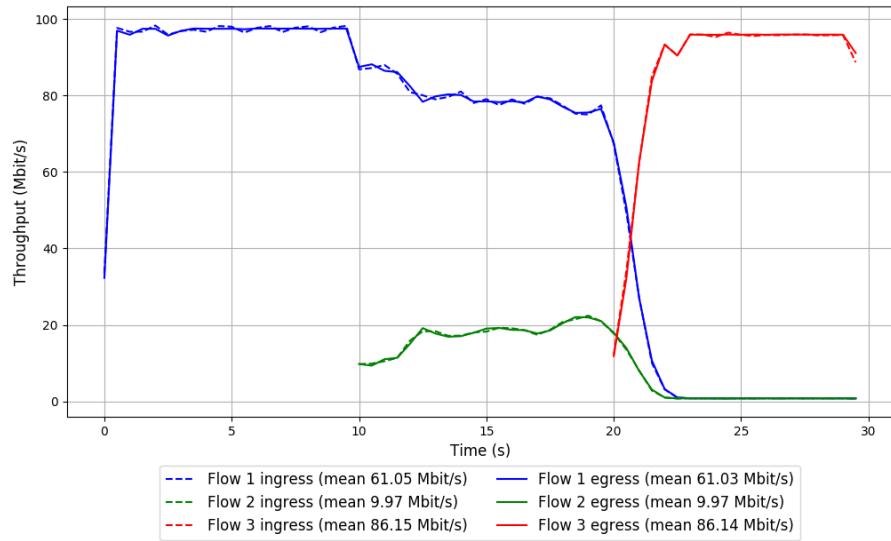


Run 4: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 01:10:15 +0000
End at: Tue, 01 Aug 2017 01:10:45 +0000
Local clock offset: 0.804 ms
Remote clock offset: -4.087 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:22:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 18.222 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.03 Mbit/s
95th percentile per-packet one-way delay: 16.843 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 9.97 Mbit/s
95th percentile per-packet one-way delay: 17.020 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 19.030 ms
Loss rate: 0.00%
```

Run 4: Report of CalibratedKoho — Data Link

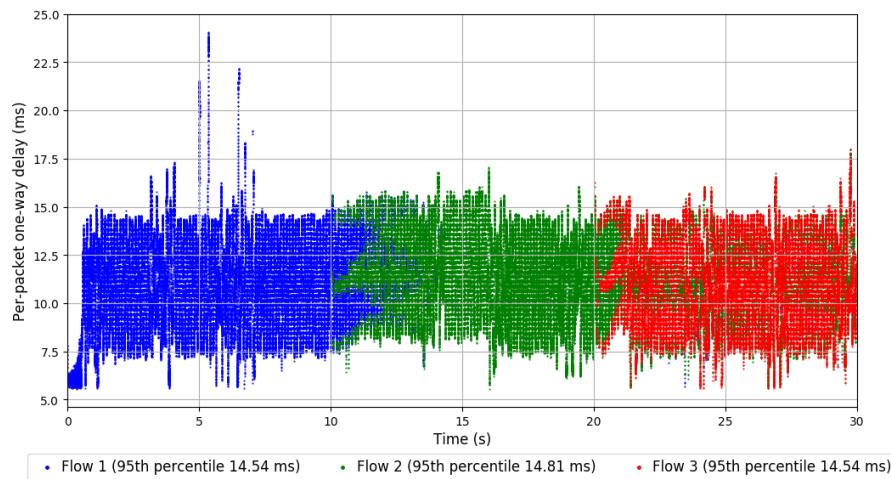
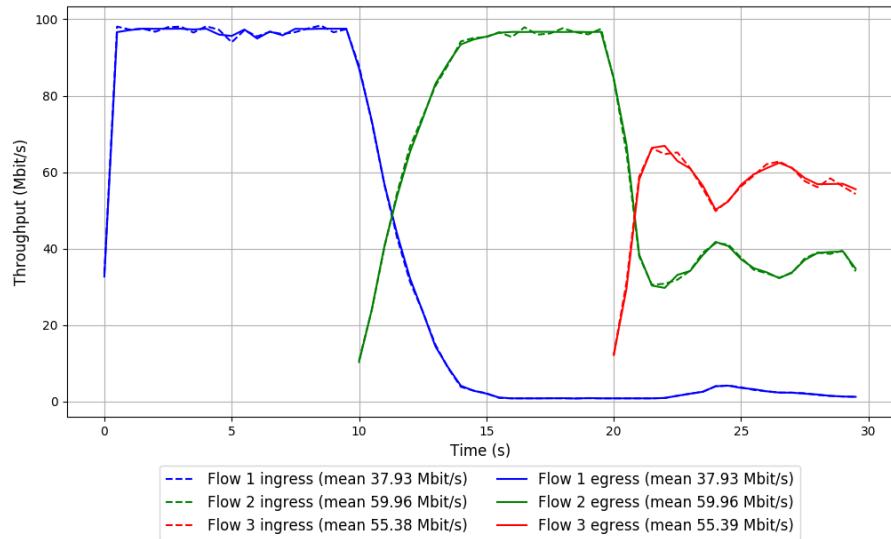


Run 5: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 01:29:37 +0000
End at: Tue, 01 Aug 2017 01:30:07 +0000
Local clock offset: 2.827 ms
Remote clock offset: -4.678 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:22:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 14.593 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.93 Mbit/s
95th percentile per-packet one-way delay: 14.537 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.96 Mbit/s
95th percentile per-packet one-way delay: 14.813 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.39 Mbit/s
95th percentile per-packet one-way delay: 14.537 ms
Loss rate: 0.00%
```

Run 5: Report of CalibratedKoho — Data Link

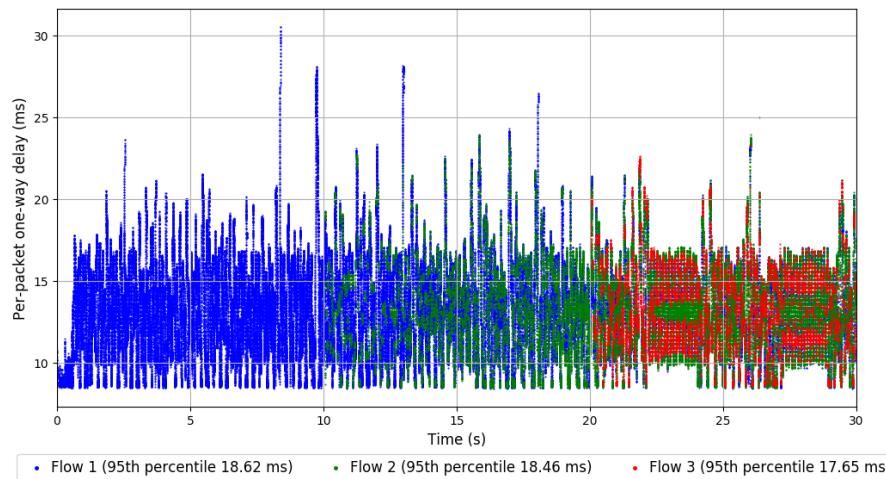
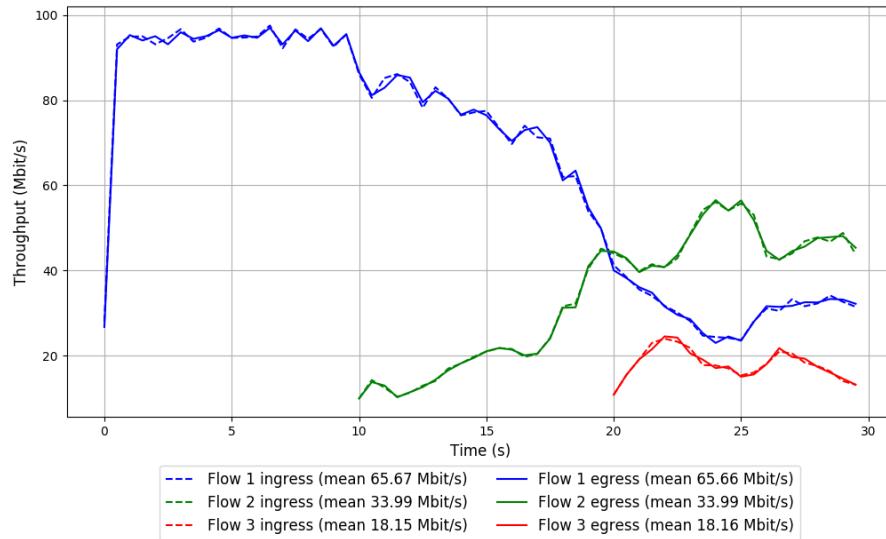


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 02:11:02 +0000
End at: Tue, 01 Aug 2017 02:11:32 +0000
Local clock offset: 0.069 ms
Remote clock offset: -3.057 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:22:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 18.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.66 Mbit/s
95th percentile per-packet one-way delay: 18.624 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.99 Mbit/s
95th percentile per-packet one-way delay: 18.458 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.16 Mbit/s
95th percentile per-packet one-way delay: 17.648 ms
Loss rate: 0.00%
```

Run 6: Report of CalibratedKoho — Data Link

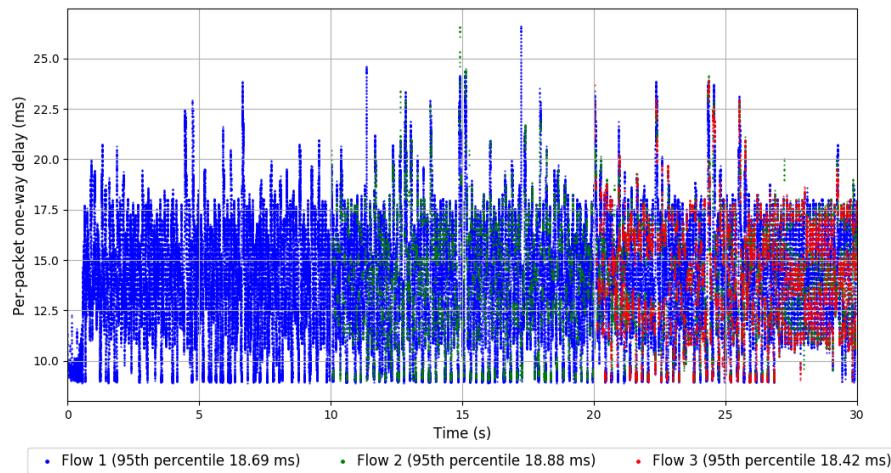
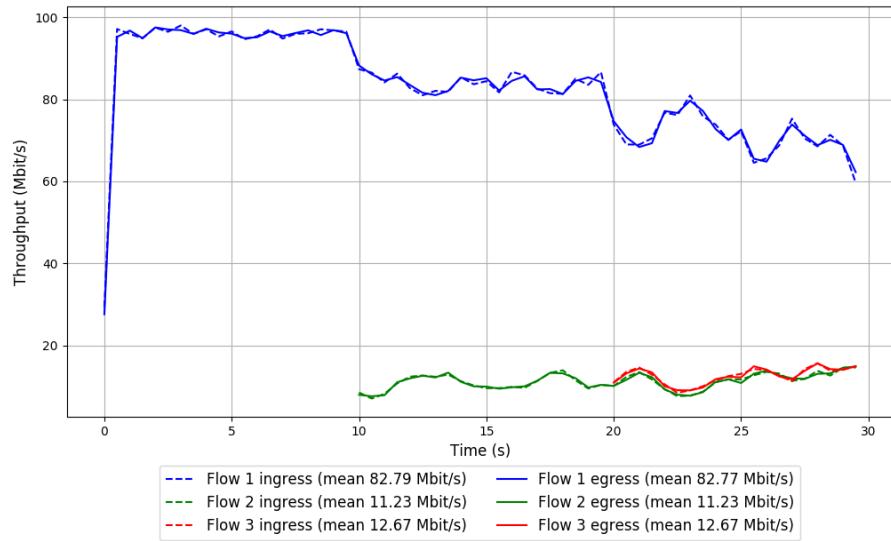


```
Run 7: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 03:02:22 +0000
End at: Tue, 01 Aug 2017 03:02:52 +0000
Local clock offset: -0.32 ms
Remote clock offset: -3.432 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:22:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 18.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.77 Mbit/s
95th percentile per-packet one-way delay: 18.689 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.23 Mbit/s
95th percentile per-packet one-way delay: 18.875 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.67 Mbit/s
95th percentile per-packet one-way delay: 18.421 ms
Loss rate: 0.00%
```

Run 7: Report of CalibratedKoho — Data Link

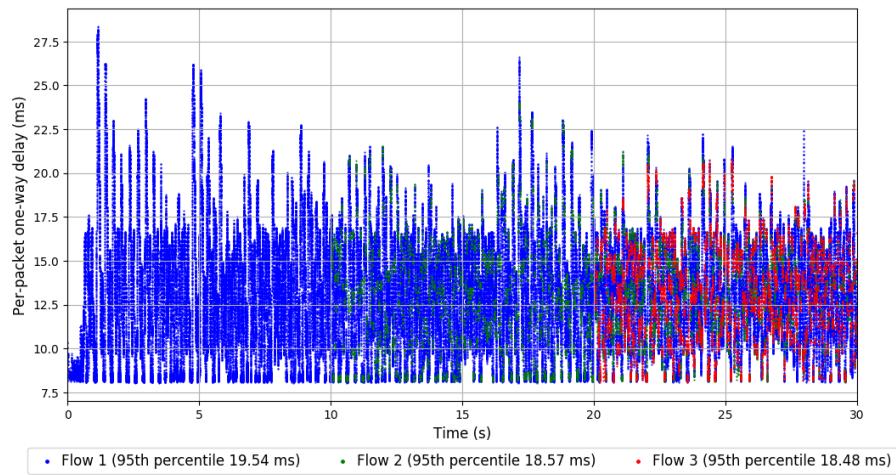
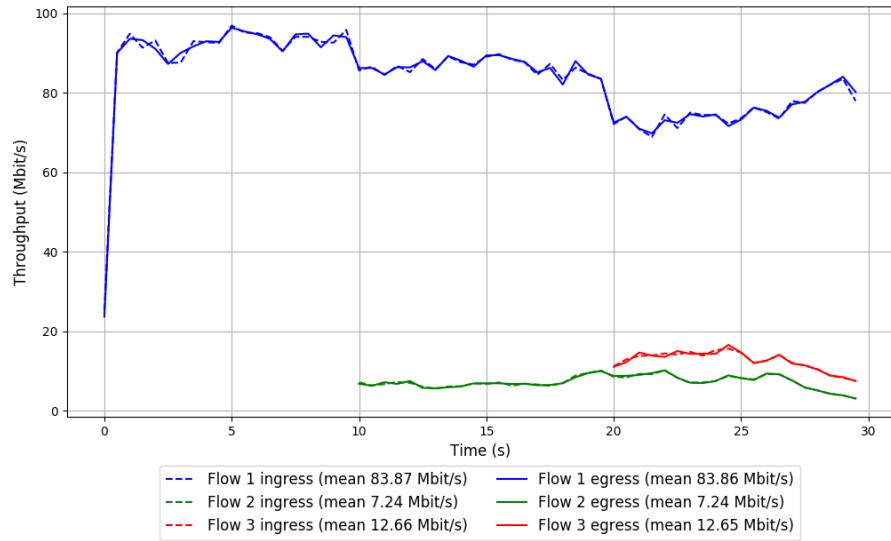


Run 8: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 03:49:40 +0000
End at: Tue, 01 Aug 2017 03:50:10 +0000
Local clock offset: 0.127 ms
Remote clock offset: -4.094 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:22:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 19.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 19.535 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 18.571 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 18.479 ms
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link

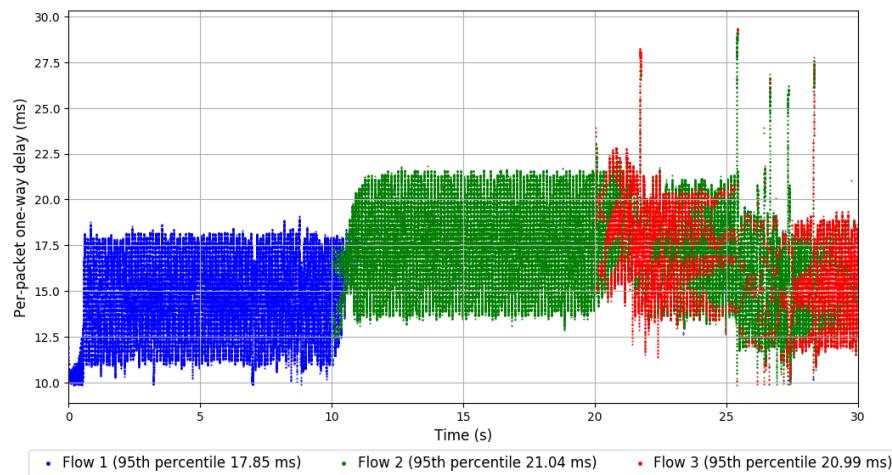
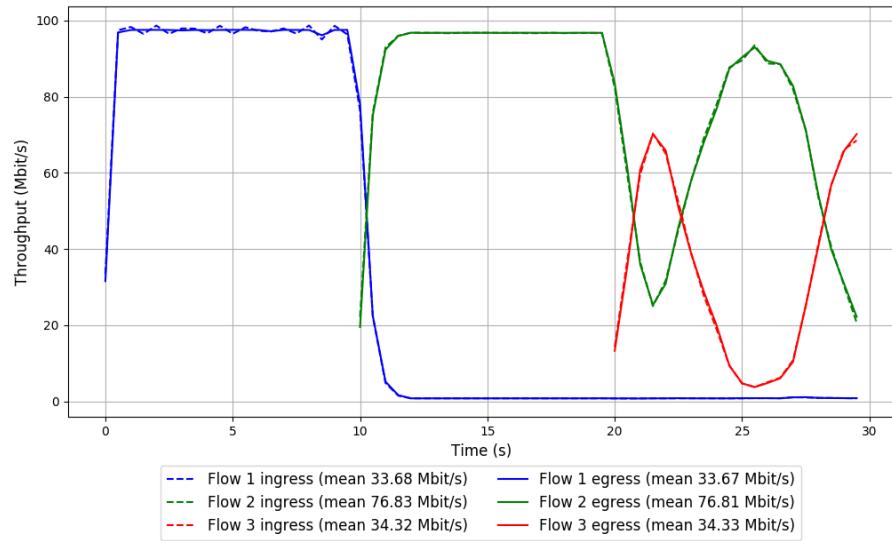


Run 9: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 04:14:03 +0000
End at: Tue, 01 Aug 2017 04:14:33 +0000
Local clock offset: 1.473 ms
Remote clock offset: -1.417 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:22:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 20.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.67 Mbit/s
95th percentile per-packet one-way delay: 17.850 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 76.81 Mbit/s
95th percentile per-packet one-way delay: 21.039 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.33 Mbit/s
95th percentile per-packet one-way delay: 20.994 ms
Loss rate: 0.00%
```

Run 9: Report of CalibratedKoho — Data Link

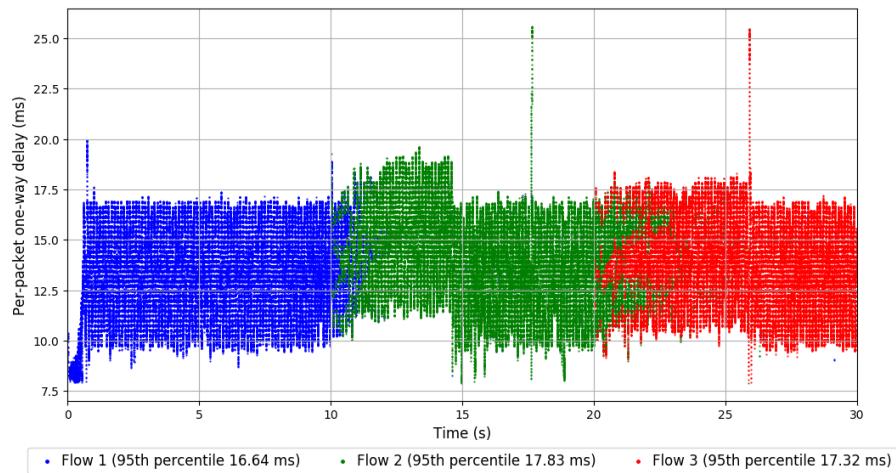
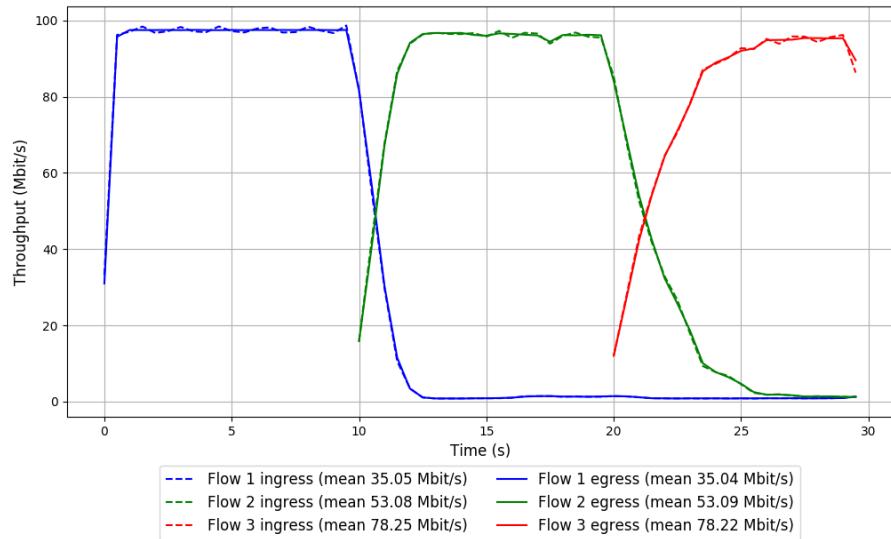


```
Run 10: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 04:32:45 +0000
End at: Tue, 01 Aug 2017 04:33:15 +0000
Local clock offset: 2.78 ms
Remote clock offset: -2.408 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:22:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 17.149 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.04 Mbit/s
95th percentile per-packet one-way delay: 16.635 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 17.832 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 78.22 Mbit/s
95th percentile per-packet one-way delay: 17.325 ms
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link

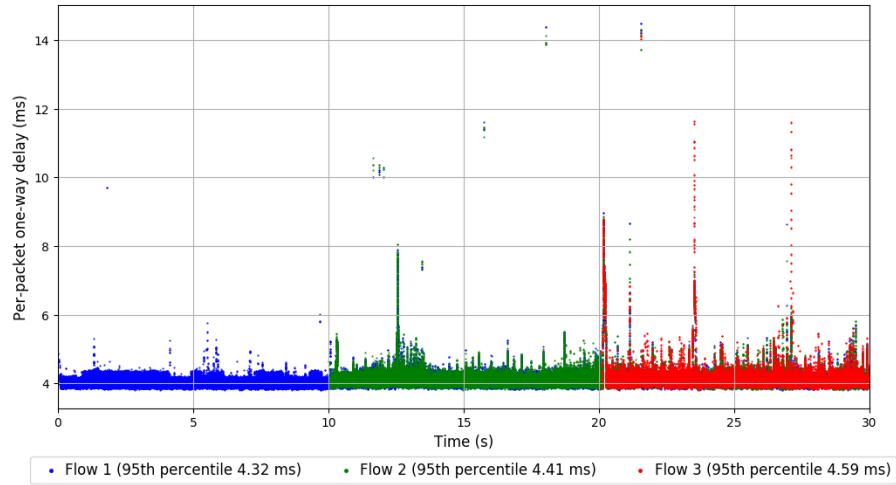
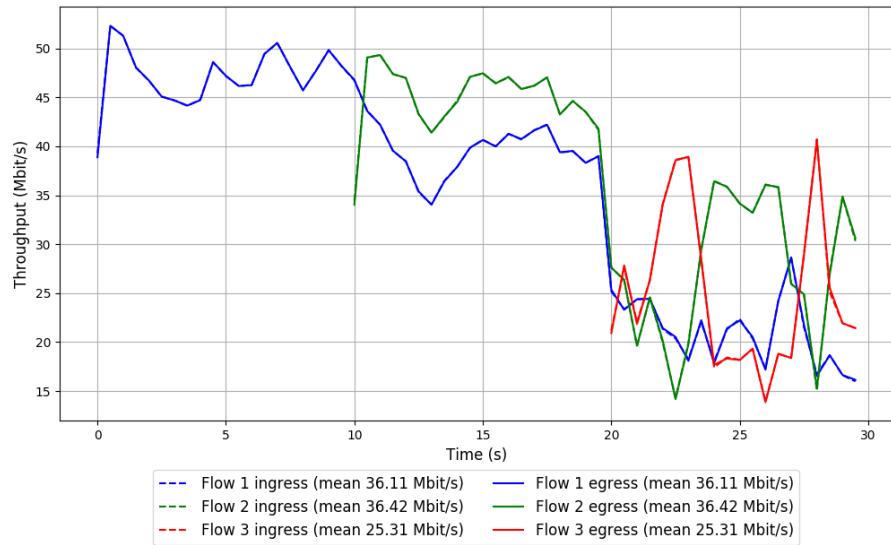


Run 1: Statistics of Copa

```
Start at: Mon, 31 Jul 2017 23:49:48 +0000
End at: Mon, 31 Jul 2017 23:50:18 +0000
Local clock offset: 4.824 ms
Remote clock offset: -4.948 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.70 Mbit/s
95th percentile per-packet one-way delay: 4.377 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 4.320 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 4.414 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 4.593 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

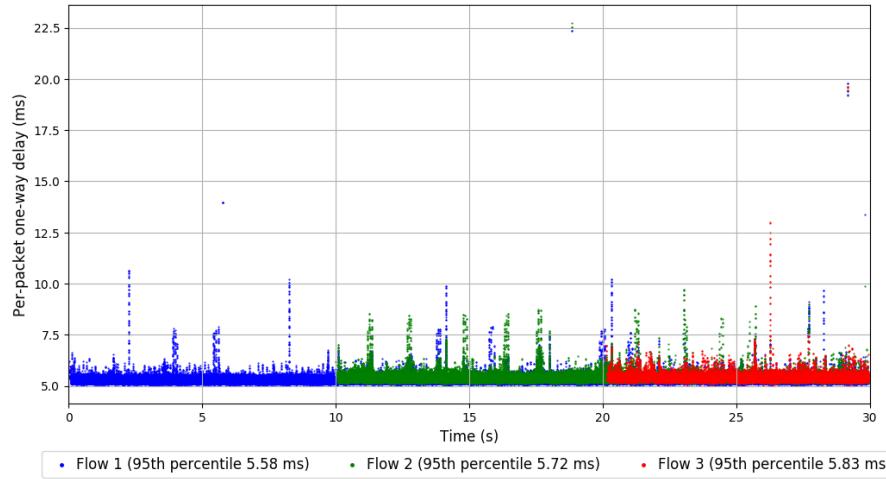
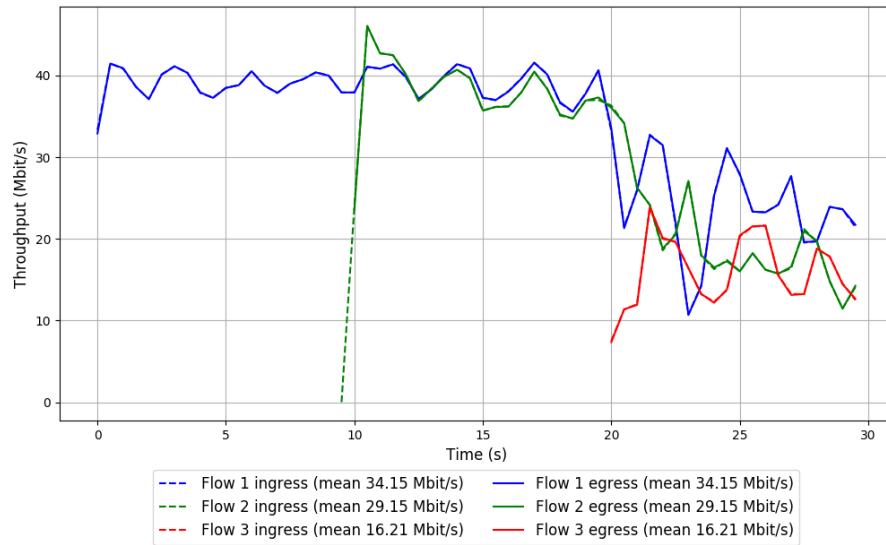


Run 2: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 00:08:11 +0000
End at: Tue, 01 Aug 2017 00:08:41 +0000
Local clock offset: 4.87 ms
Remote clock offset: -3.46 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.89 Mbit/s
95th percentile per-packet one-way delay: 5.658 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.15 Mbit/s
95th percentile per-packet one-way delay: 5.580 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 5.720 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 5.832 ms
Loss rate: 0.01%
```

Run 2: Report of Copa — Data Link

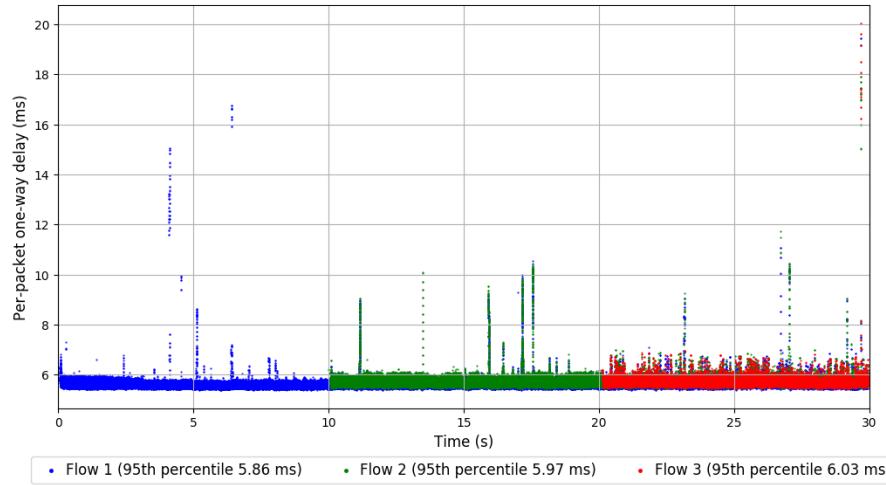
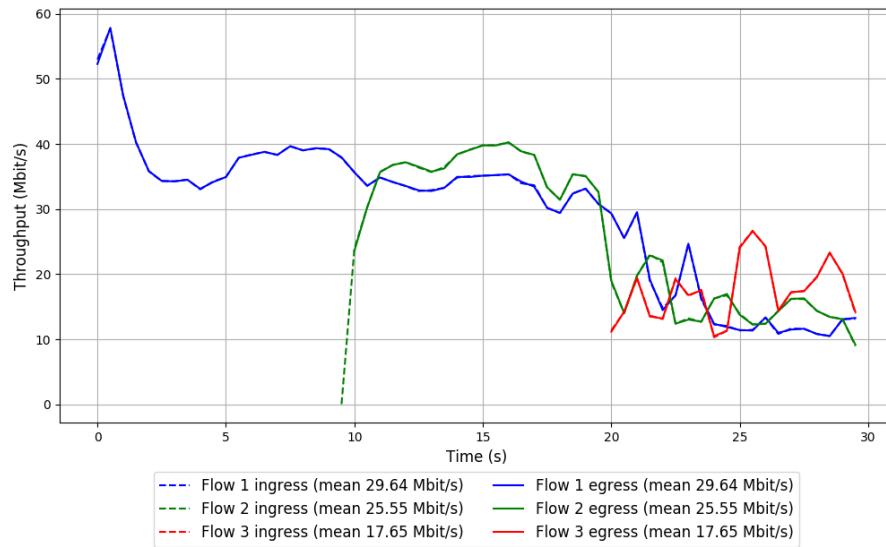


Run 3: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 00:33:05 +0000
End at: Tue, 01 Aug 2017 00:33:35 +0000
Local clock offset: 3.658 ms
Remote clock offset: -4.228 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.46 Mbit/s
95th percentile per-packet one-way delay: 5.924 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 5.864 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.55 Mbit/s
95th percentile per-packet one-way delay: 5.967 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.65 Mbit/s
95th percentile per-packet one-way delay: 6.025 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

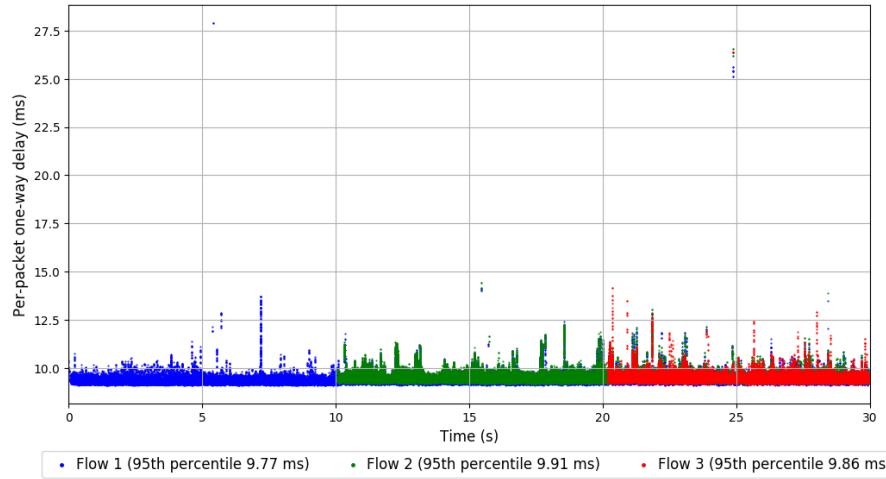
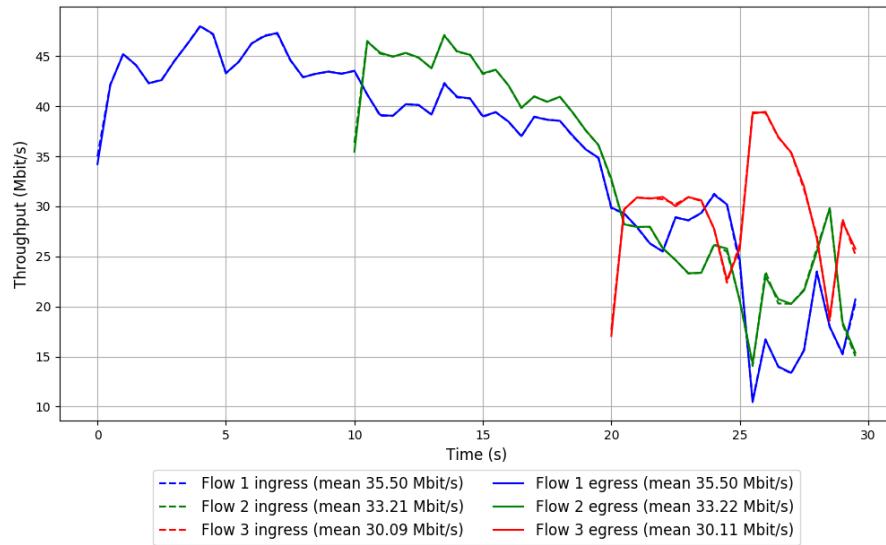


Run 4: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 01:16:24 +0000
End at: Tue, 01 Aug 2017 01:16:54 +0000
Local clock offset: -0.07 ms
Remote clock offset: -4.063 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.47 Mbit/s
95th percentile per-packet one-way delay: 9.837 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 9.766 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 9.906 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 9.862 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

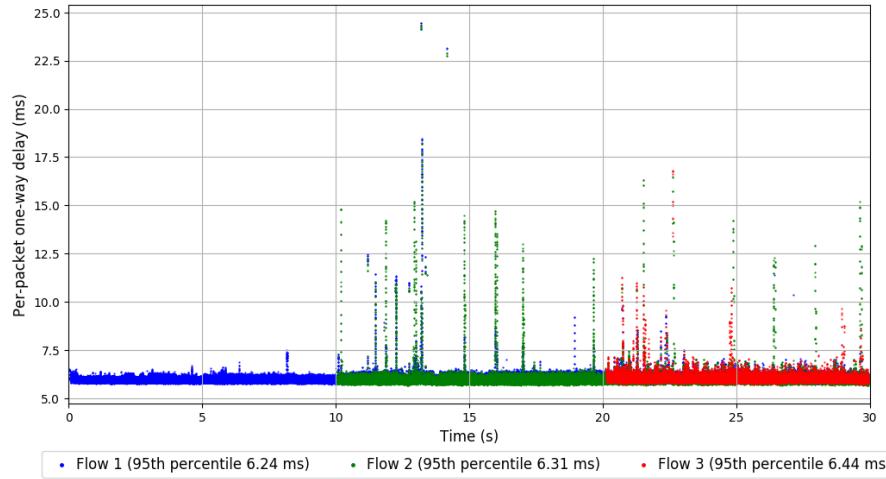
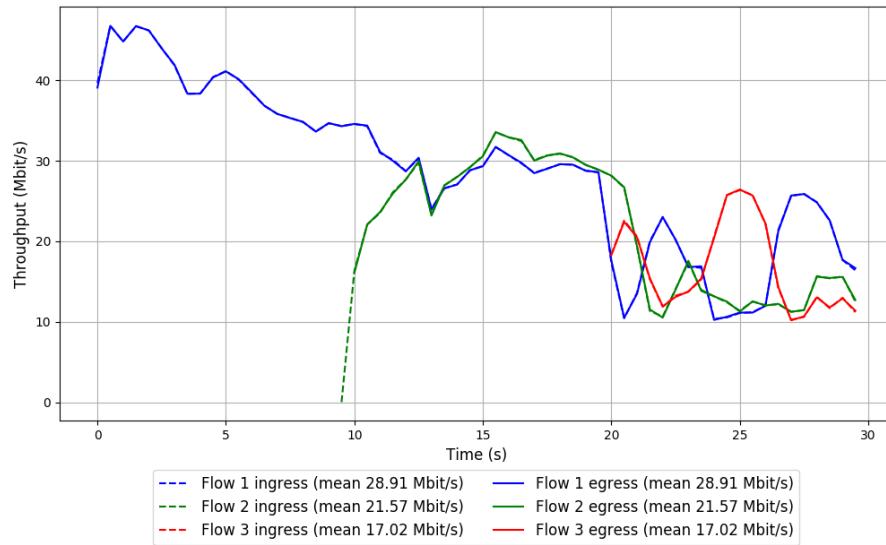


Run 5: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 01:43:48 +0000
End at: Tue, 01 Aug 2017 01:44:18 +0000
Local clock offset: 1.503 ms
Remote clock offset: -5.293 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 6.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 28.91 Mbit/s
95th percentile per-packet one-way delay: 6.243 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.57 Mbit/s
95th percentile per-packet one-way delay: 6.311 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 6.439 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

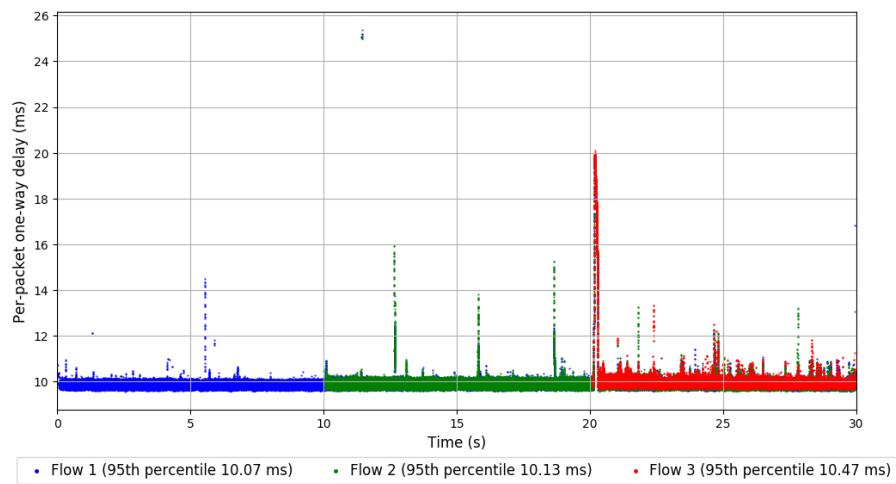
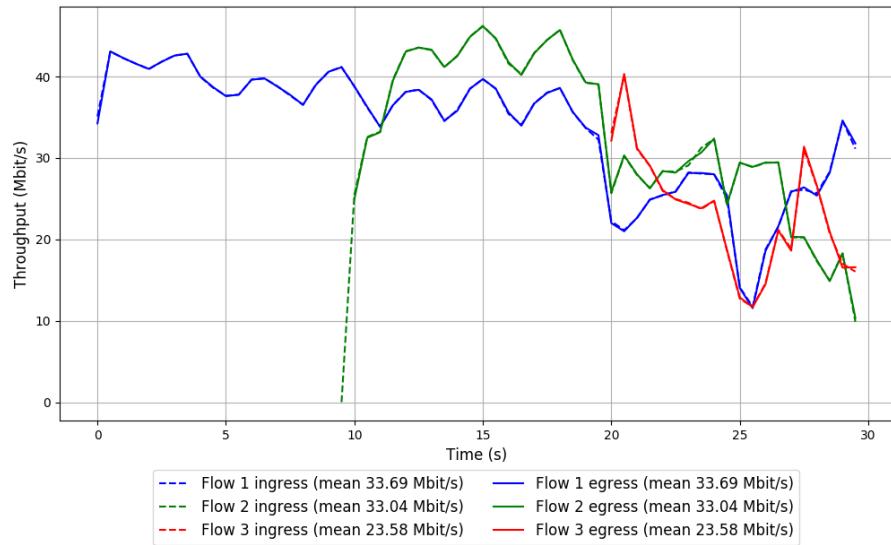


Run 6: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 02:21:09 +0000
End at: Tue, 01 Aug 2017 02:21:39 +0000
Local clock offset: -1.119 ms
Remote clock offset: -2.884 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.48 Mbit/s
95th percentile per-packet one-way delay: 10.122 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.69 Mbit/s
95th percentile per-packet one-way delay: 10.073 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 10.126 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.58 Mbit/s
95th percentile per-packet one-way delay: 10.469 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

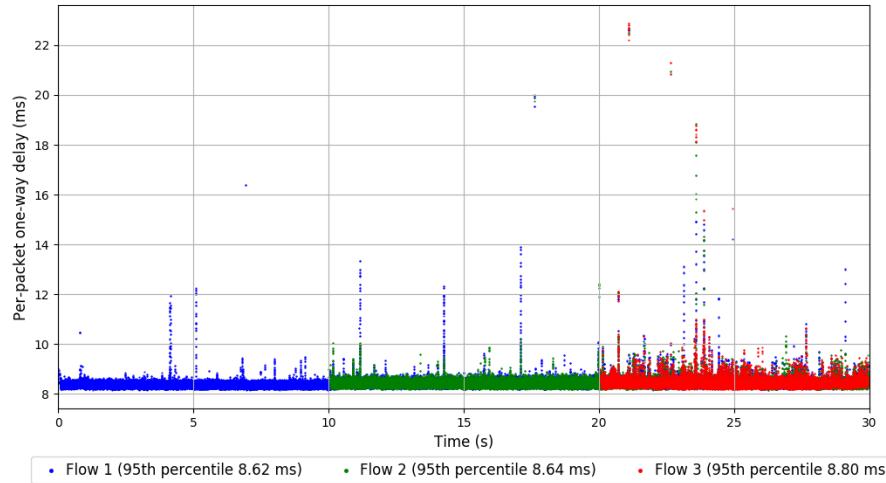
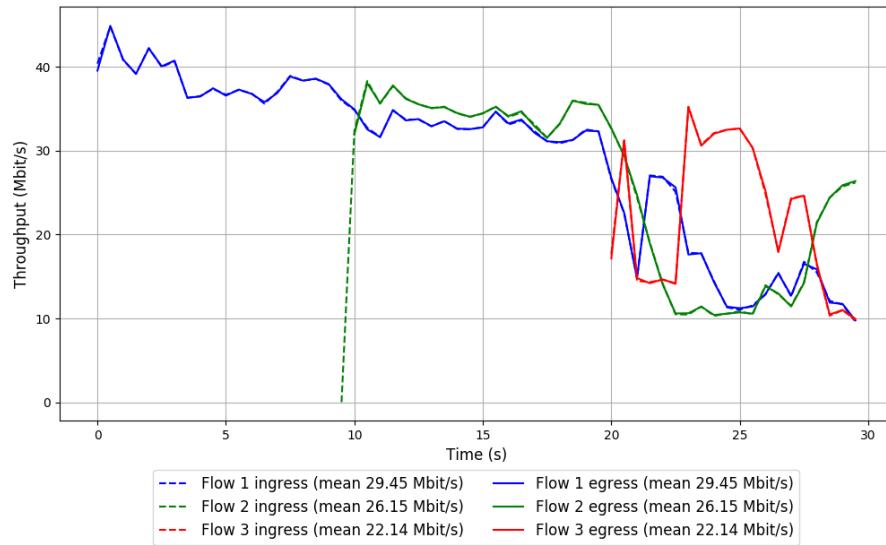


Run 7: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 03:14:12 +0000
End at: Tue, 01 Aug 2017 03:14:42 +0000
Local clock offset: -0.384 ms
Remote clock offset: -4.278 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.21 Mbit/s
95th percentile per-packet one-way delay: 8.646 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.45 Mbit/s
95th percentile per-packet one-way delay: 8.615 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.15 Mbit/s
95th percentile per-packet one-way delay: 8.643 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 8.800 ms
Loss rate: 0.01%
```

Run 7: Report of Copa — Data Link

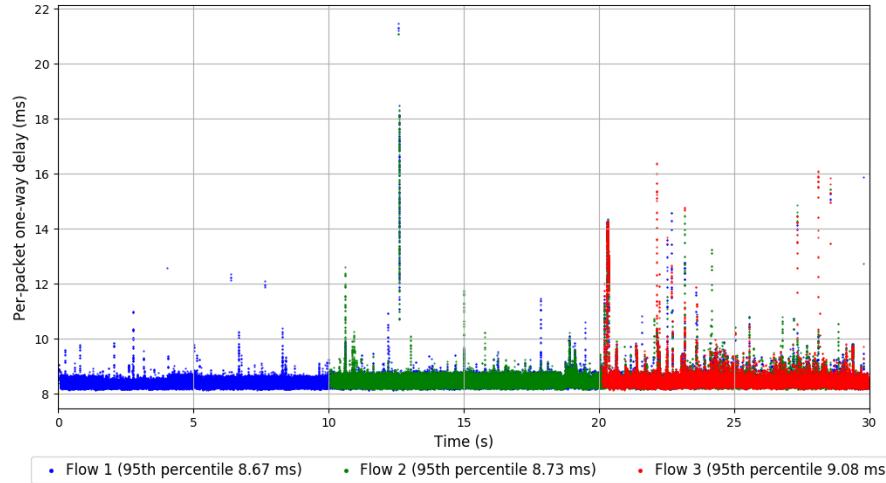
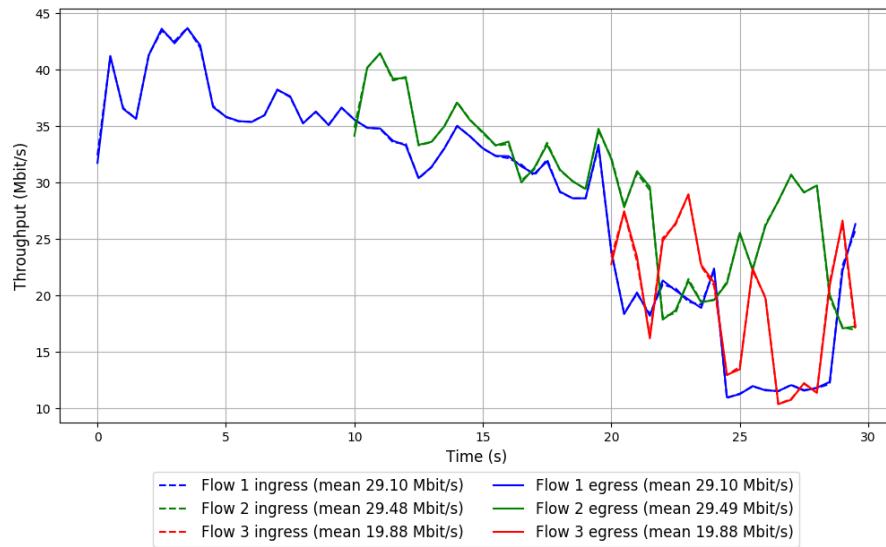


Run 8: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 03:59:37 +0000
End at: Tue, 01 Aug 2017 04:00:07 +0000
Local clock offset: -1.5 ms
Remote clock offset: -5.721 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.28 Mbit/s
95th percentile per-packet one-way delay: 8.724 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.10 Mbit/s
95th percentile per-packet one-way delay: 8.669 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 8.731 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.88 Mbit/s
95th percentile per-packet one-way delay: 9.080 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

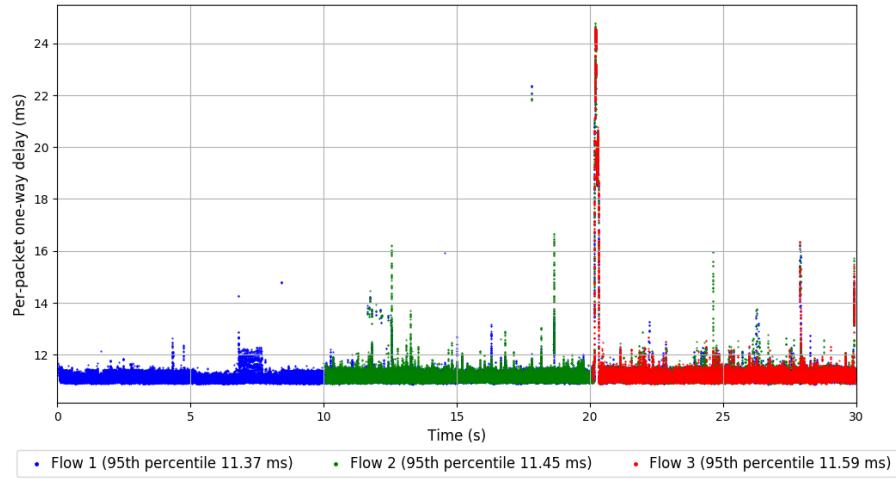
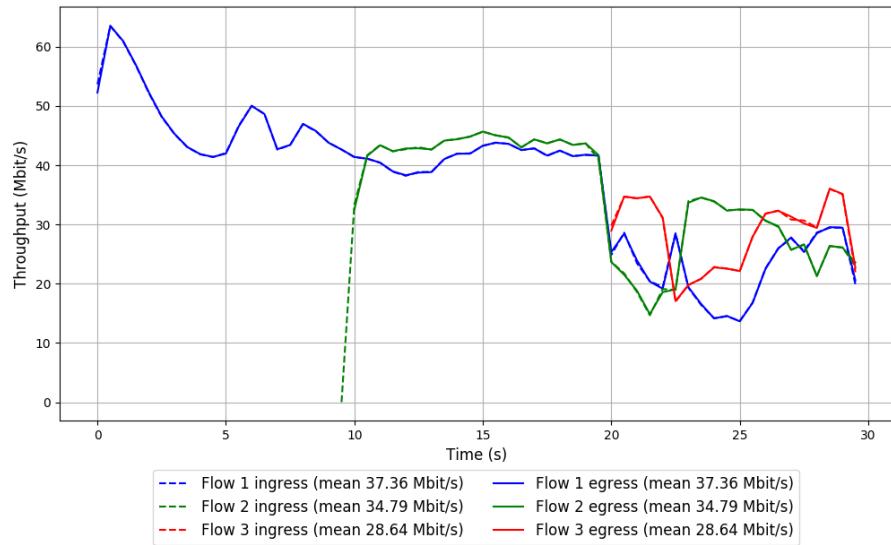


Run 9: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:20:02 +0000
End at: Tue, 01 Aug 2017 04:20:32 +0000
Local clock offset: -0.061 ms
Remote clock offset: -1.923 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:23:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.99 Mbit/s
95th percentile per-packet one-way delay: 11.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.36 Mbit/s
95th percentile per-packet one-way delay: 11.372 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.79 Mbit/s
95th percentile per-packet one-way delay: 11.447 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.64 Mbit/s
95th percentile per-packet one-way delay: 11.586 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

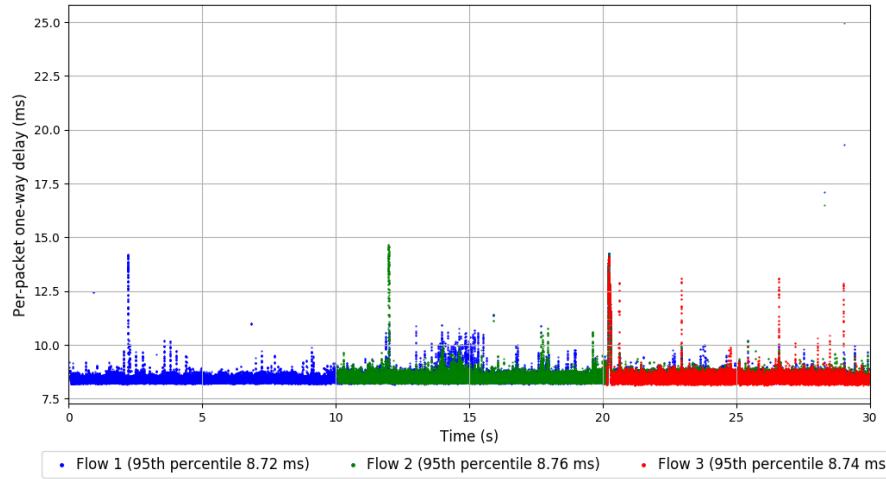
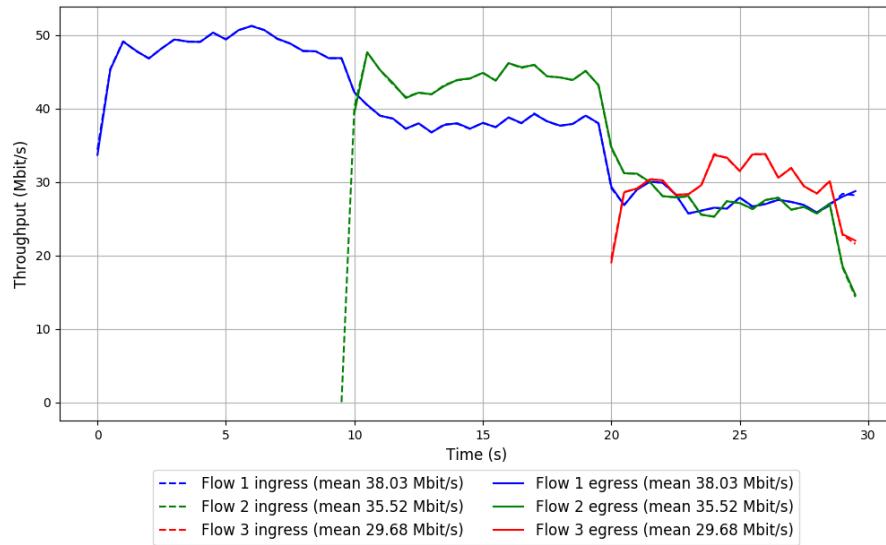


Run 10: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:39:04 +0000
End at: Tue, 01 Aug 2017 04:39:34 +0000
Local clock offset: 2.008 ms
Remote clock offset: -2.831 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:24:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.46 Mbit/s
95th percentile per-packet one-way delay: 8.737 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.03 Mbit/s
95th percentile per-packet one-way delay: 8.716 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 8.762 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 8.738 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

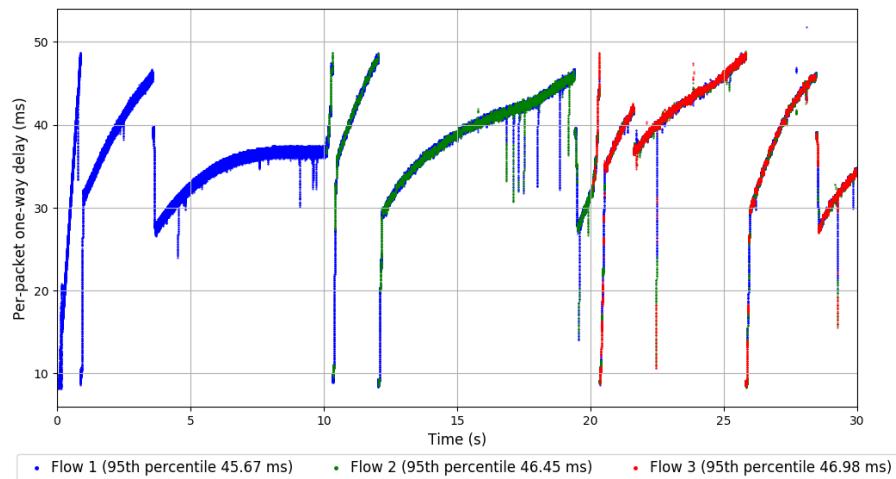
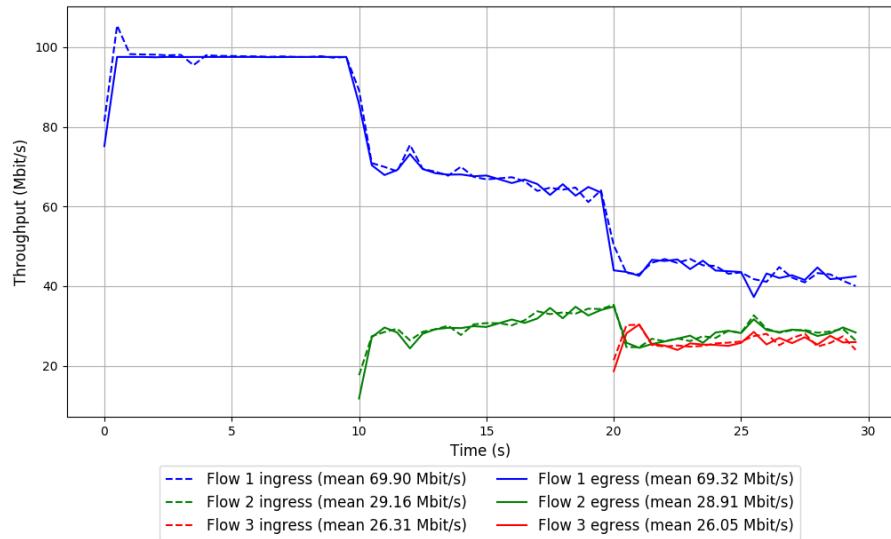


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Mon, 31 Jul 2017 23:40:11 +0000
End at: Mon, 31 Jul 2017 23:40:41 +0000
Local clock offset: 1.381 ms
Remote clock offset: -4.458 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:24:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 45.815 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 69.32 Mbit/s
95th percentile per-packet one-way delay: 45.668 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 28.91 Mbit/s
95th percentile per-packet one-way delay: 46.448 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 26.05 Mbit/s
95th percentile per-packet one-way delay: 46.976 ms
Loss rate: 0.96%
```

Run 1: Report of TCP Cubic — Data Link

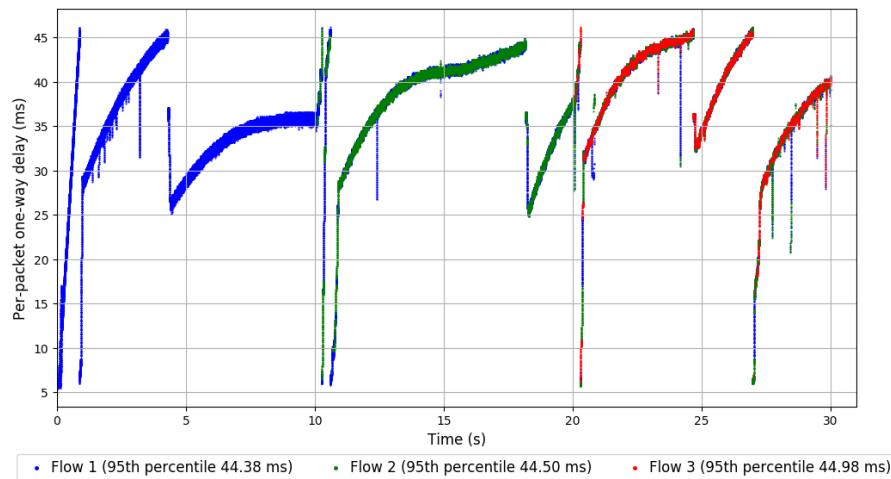
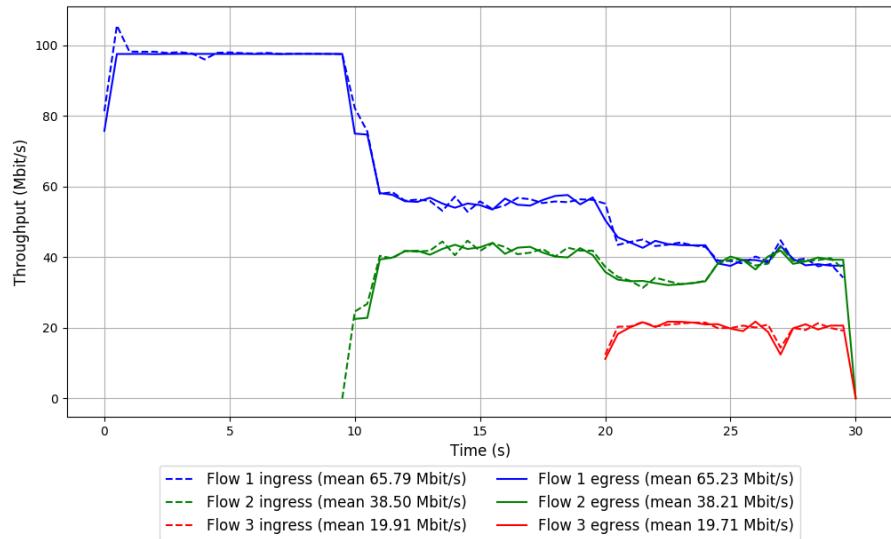


Run 2: Statistics of TCP Cubic

```
Start at: Mon, 31 Jul 2017 23:58:17 +0000
End at: Mon, 31 Jul 2017 23:58:47 +0000
Local clock offset: 3.478 ms
Remote clock offset: -4.345 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:24:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 44.475 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 65.23 Mbit/s
95th percentile per-packet one-way delay: 44.381 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 38.21 Mbit/s
95th percentile per-packet one-way delay: 44.496 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 44.984 ms
Loss rate: 0.98%
```

Run 2: Report of TCP Cubic — Data Link

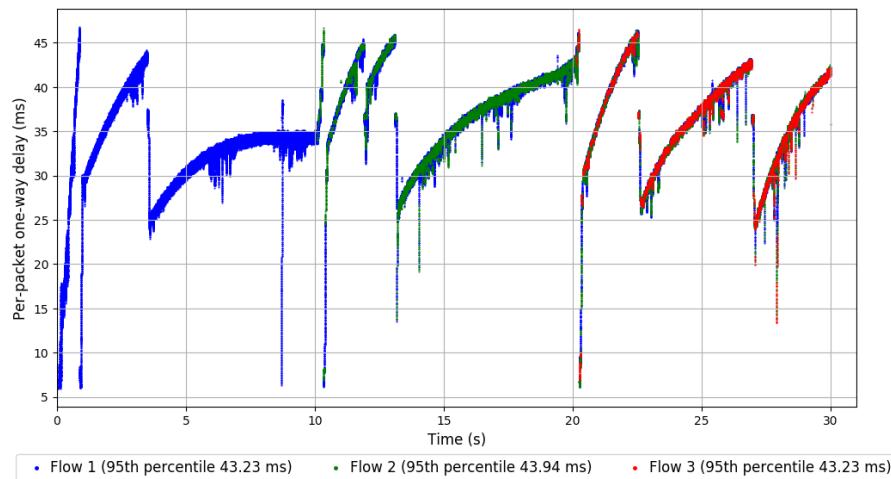
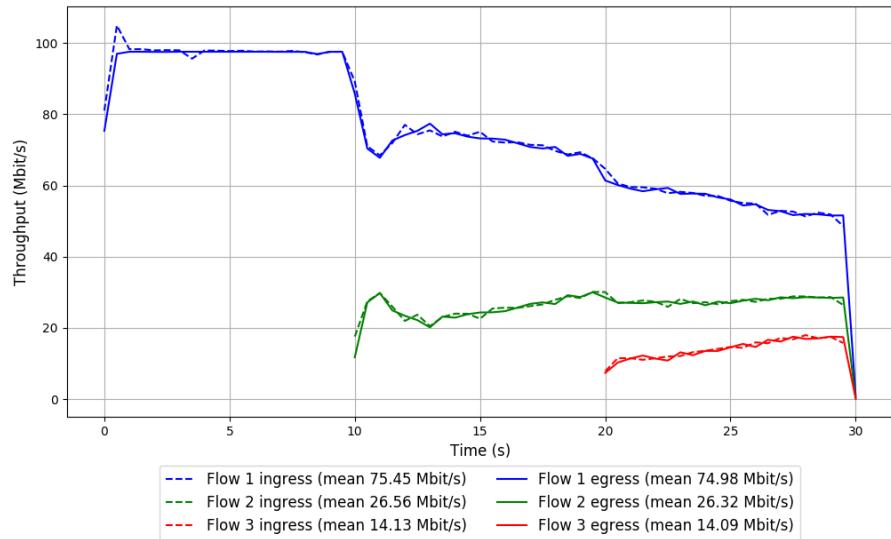


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 00:17:33 +0000
End at: Tue, 01 Aug 2017 00:18:03 +0000
Local clock offset: 3.395 ms
Remote clock offset: -3.959 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:24:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 43.425 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 74.98 Mbit/s
95th percentile per-packet one-way delay: 43.235 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 43.937 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 14.09 Mbit/s
95th percentile per-packet one-way delay: 43.227 ms
Loss rate: 0.37%
```

Run 3: Report of TCP Cubic — Data Link

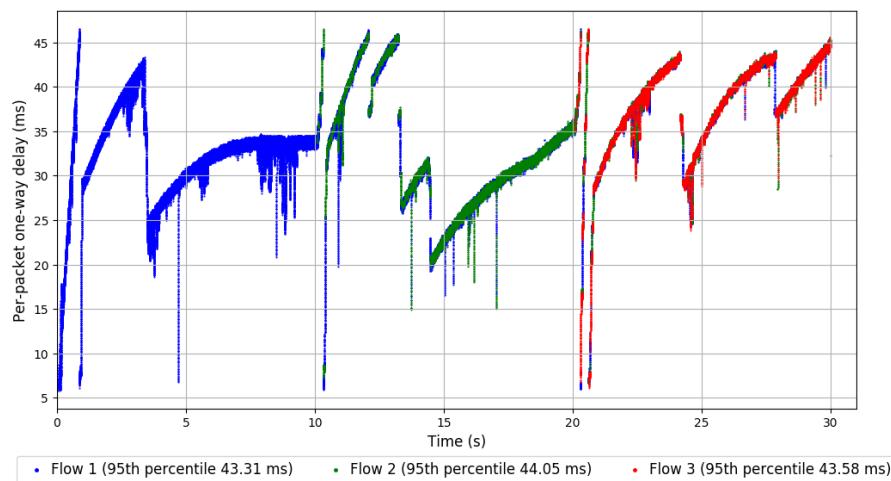
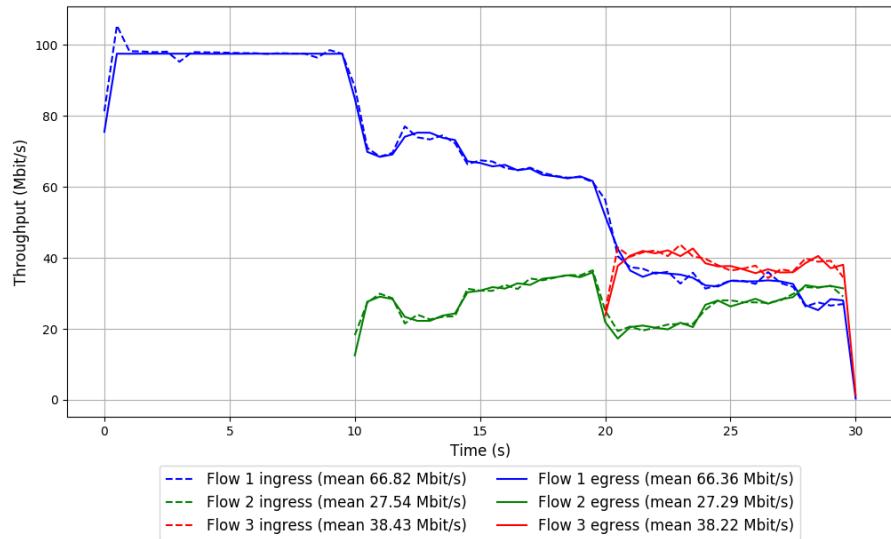


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 01:06:33 +0000
End at: Tue, 01 Aug 2017 01:07:03 +0000
Local clock offset: 2.762 ms
Remote clock offset: -4.499 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:24:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 43.557 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 66.36 Mbit/s
95th percentile per-packet one-way delay: 43.314 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 44.049 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 38.22 Mbit/s
95th percentile per-packet one-way delay: 43.575 ms
Loss rate: 0.57%
```

Run 4: Report of TCP Cubic — Data Link

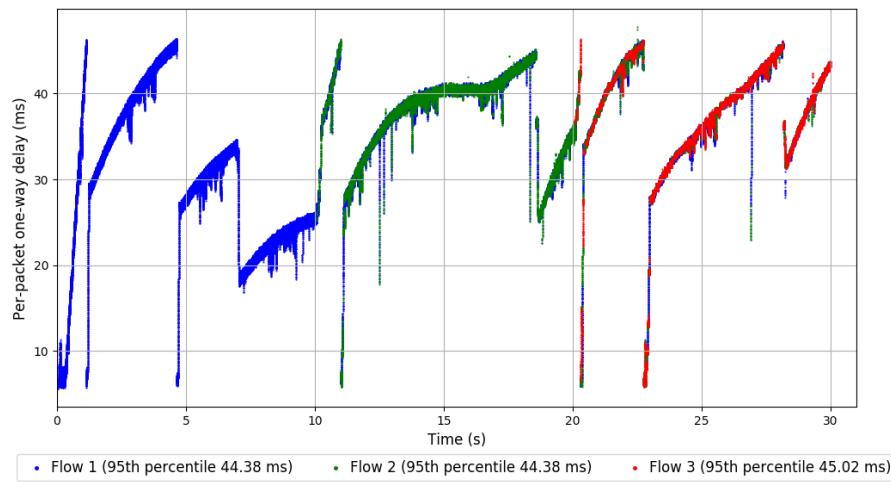
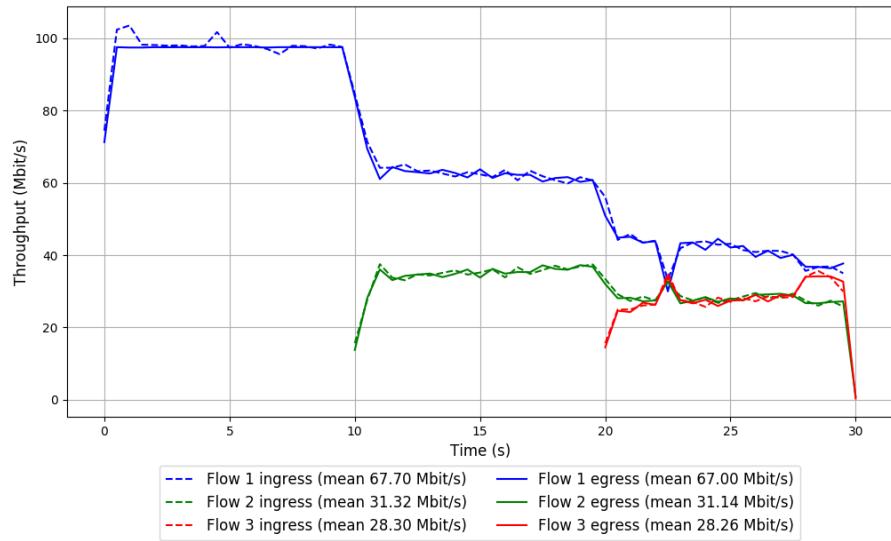


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 01:25:51 +0000
End at: Tue, 01 Aug 2017 01:26:21 +0000
Local clock offset: 2.242 ms
Remote clock offset: -5.122 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:24:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 44.419 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 67.00 Mbit/s
95th percentile per-packet one-way delay: 44.379 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 31.14 Mbit/s
95th percentile per-packet one-way delay: 44.375 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 28.26 Mbit/s
95th percentile per-packet one-way delay: 45.018 ms
Loss rate: 0.06%
```

Run 5: Report of TCP Cubic — Data Link

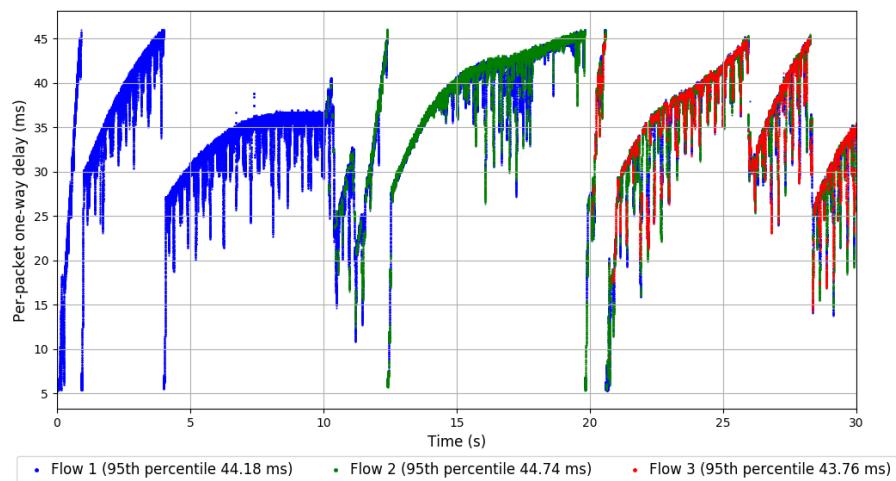
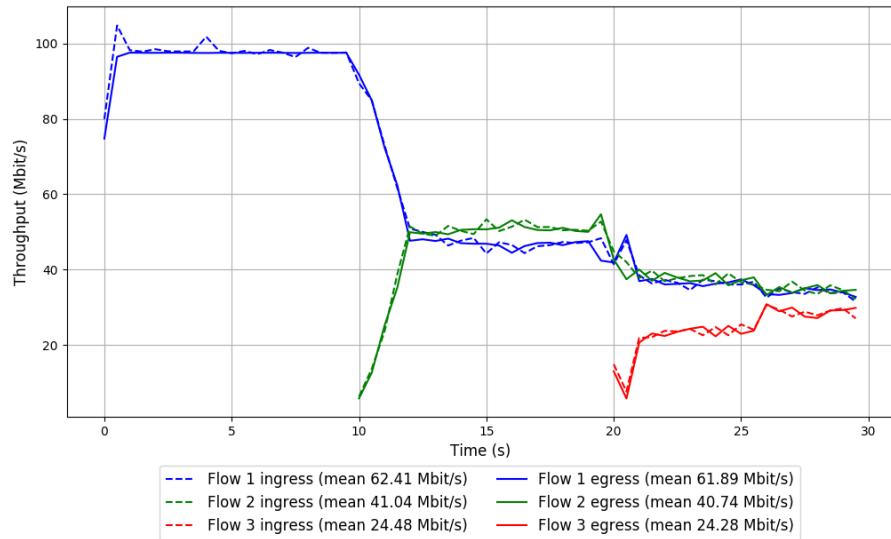


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 02:02:02 +0000
End at: Tue, 01 Aug 2017 02:02:32 +0000
Local clock offset: 2.227 ms
Remote clock offset: -4.455 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:24:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 44.285 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 61.89 Mbit/s
95th percentile per-packet one-way delay: 44.178 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 44.739 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 43.762 ms
Loss rate: 0.70%
```

Run 6: Report of TCP Cubic — Data Link

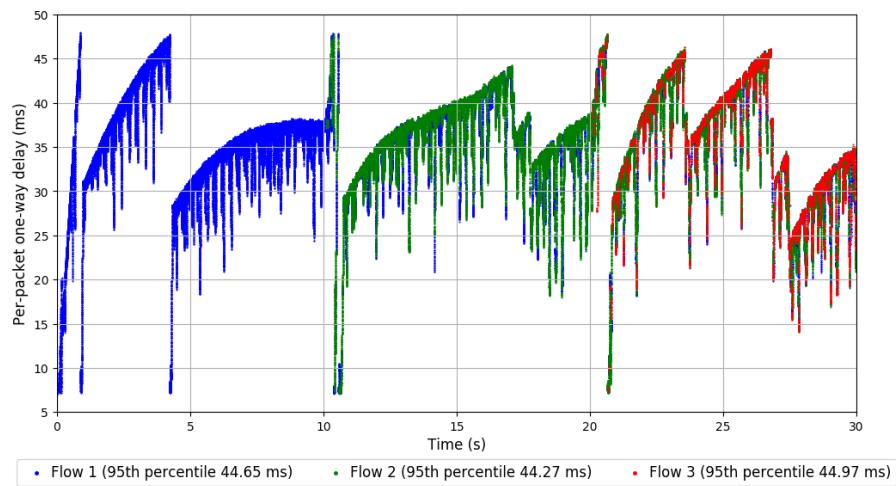
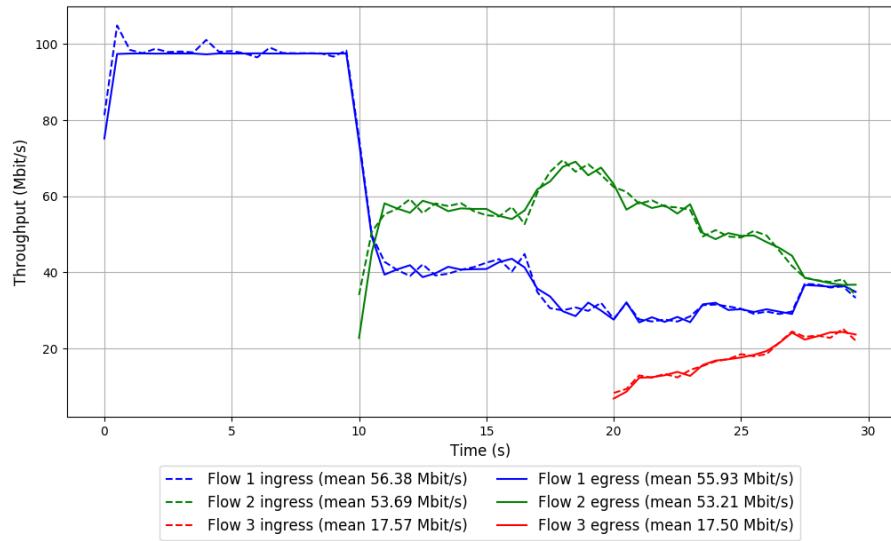


Run 7: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 02:49:35 +0000
End at: Tue, 01 Aug 2017 02:50:05 +0000
Local clock offset: 1.973 ms
Remote clock offset: -2.813 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:24:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 44.535 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 44.650 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 53.21 Mbit/s
95th percentile per-packet one-way delay: 44.273 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 17.50 Mbit/s
95th percentile per-packet one-way delay: 44.970 ms
Loss rate: 0.46%
```

Run 7: Report of TCP Cubic — Data Link

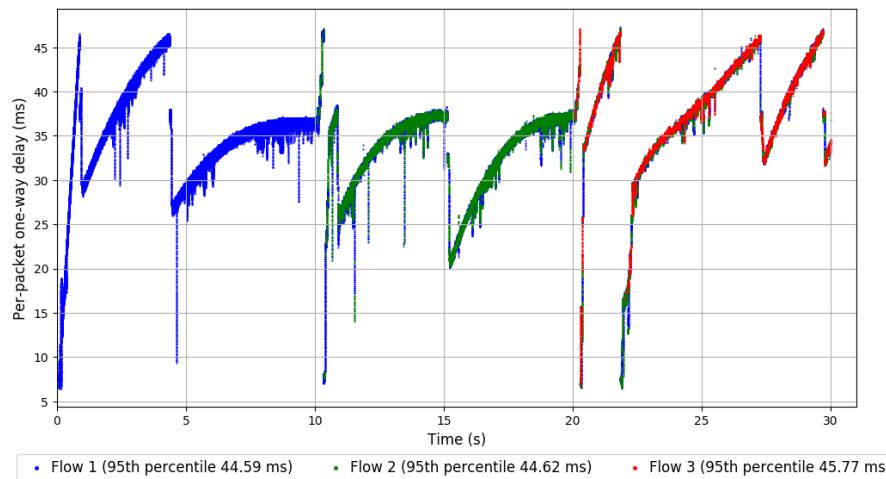
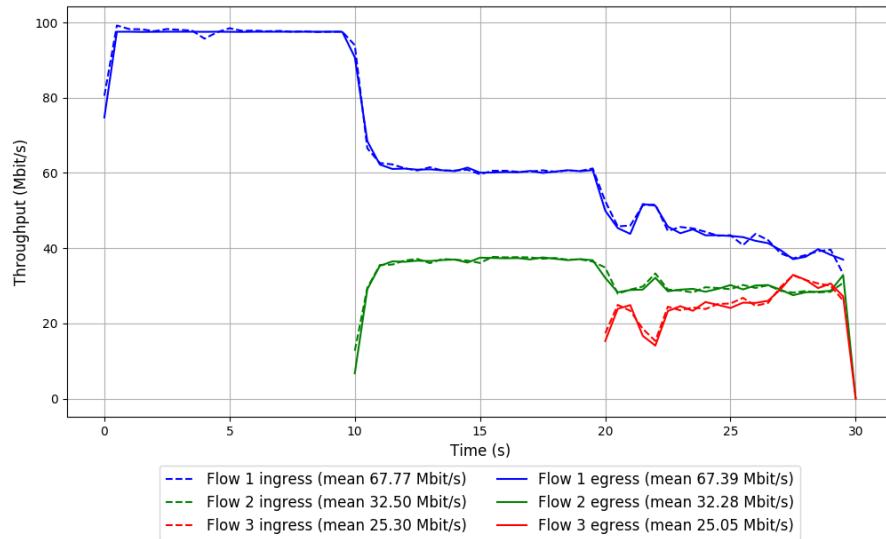


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 03:36:57 +0000
End at: Tue, 01 Aug 2017 03:37:27 +0000
Local clock offset: 0.782 ms
Remote clock offset: -4.978 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 44.819 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 67.39 Mbit/s
95th percentile per-packet one-way delay: 44.589 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 44.616 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 25.05 Mbit/s
95th percentile per-packet one-way delay: 45.775 ms
Loss rate: 1.01%
```

Run 8: Report of TCP Cubic — Data Link

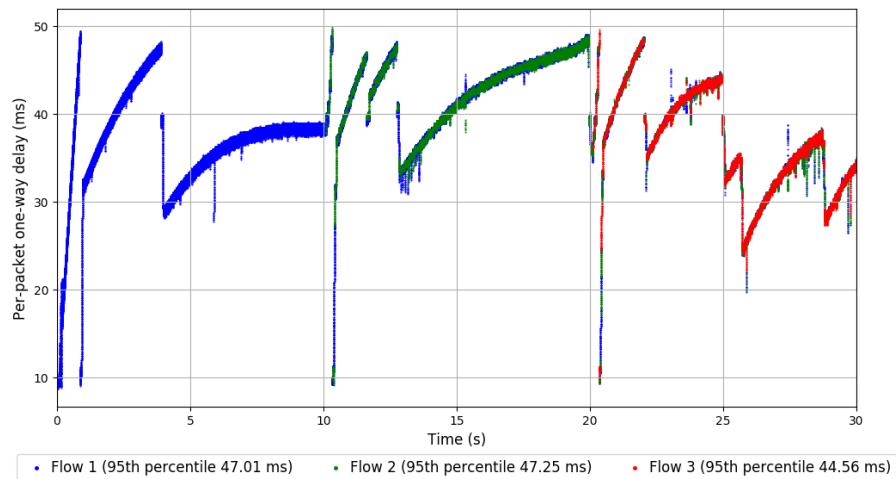
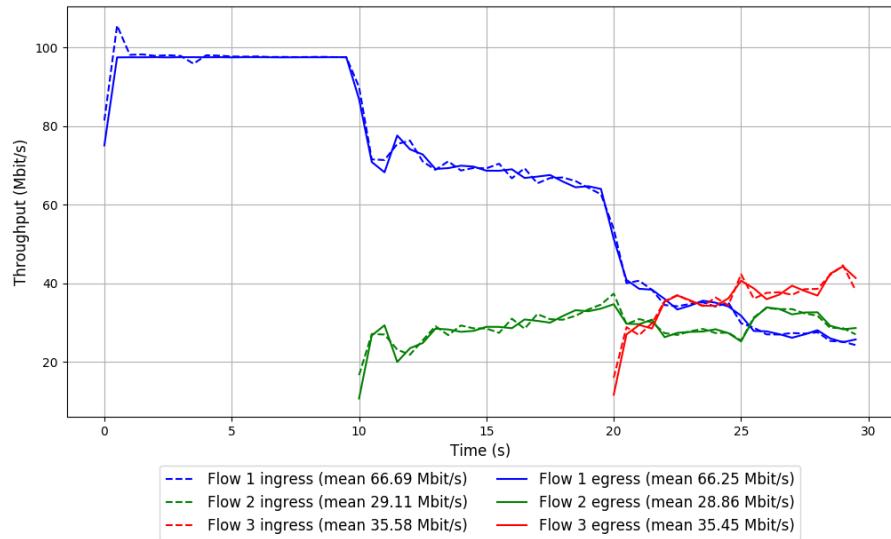


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 04:10:30 +0000
End at: Tue, 01 Aug 2017 04:11:00 +0000
Local clock offset: 0.952 ms
Remote clock offset: -2.936 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 47.006 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 66.25 Mbit/s
95th percentile per-packet one-way delay: 47.007 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 28.86 Mbit/s
95th percentile per-packet one-way delay: 47.254 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 44.556 ms
Loss rate: 0.44%
```

Run 9: Report of TCP Cubic — Data Link

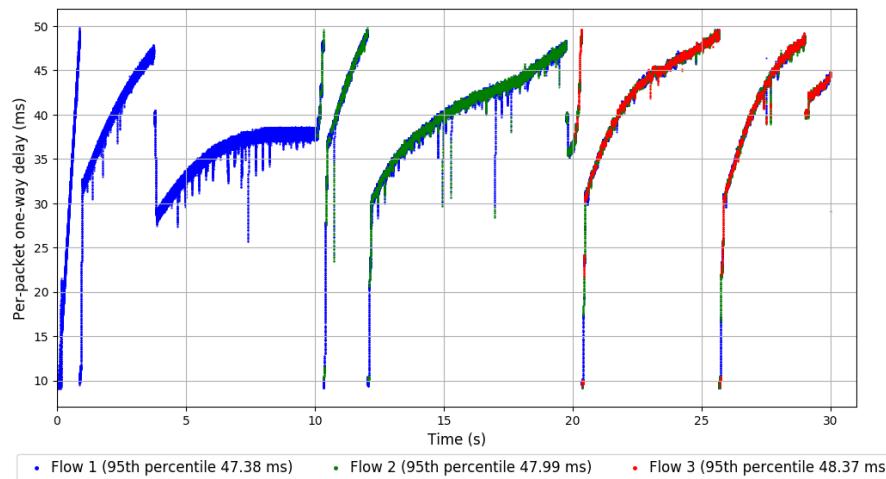
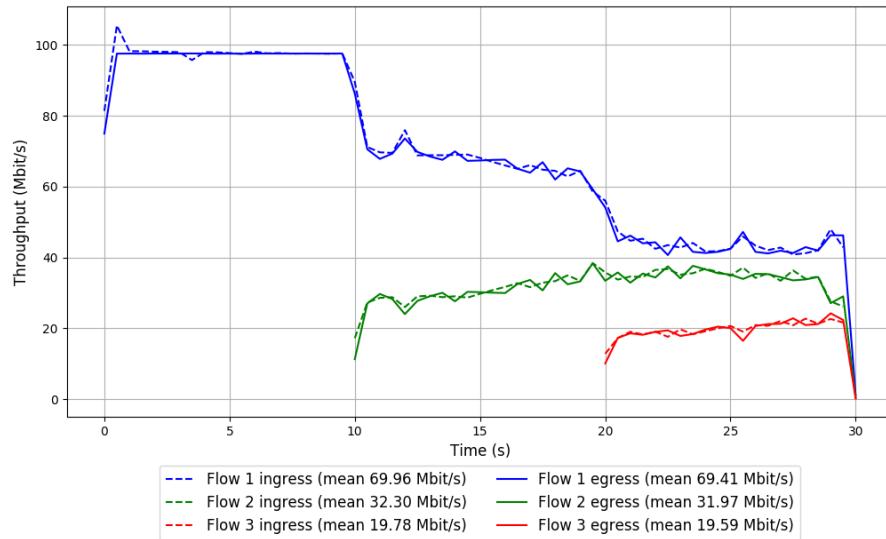


Run 10: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 04:28:52 +0000
End at: Tue, 01 Aug 2017 04:29:22 +0000
Local clock offset: 0.469 ms
Remote clock offset: -3.559 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 47.669 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 69.41 Mbit/s
95th percentile per-packet one-way delay: 47.385 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 47.986 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 19.59 Mbit/s
95th percentile per-packet one-way delay: 48.368 ms
Loss rate: 0.91%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Mon, 31 Jul 2017 23:46:15 +0000
```

```
End at: Mon, 31 Jul 2017 23:46:45 +0000
```

```
Local clock offset: 0.899 ms
```

```
Remote clock offset: -5.044 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:19 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 80.60 Mbit/s
```

```
95th percentile per-packet one-way delay: 16.327 ms
```

```
Loss rate: 0.00%
```

```
-- Flow 1:
```

```
Average throughput: 43.77 Mbit/s
```

```
95th percentile per-packet one-way delay: 15.800 ms
```

```
Loss rate: 0.00%
```

```
-- Flow 2:
```

```
Average throughput: 39.60 Mbit/s
```

```
95th percentile per-packet one-way delay: 16.304 ms
```

```
Loss rate: 0.00%
```

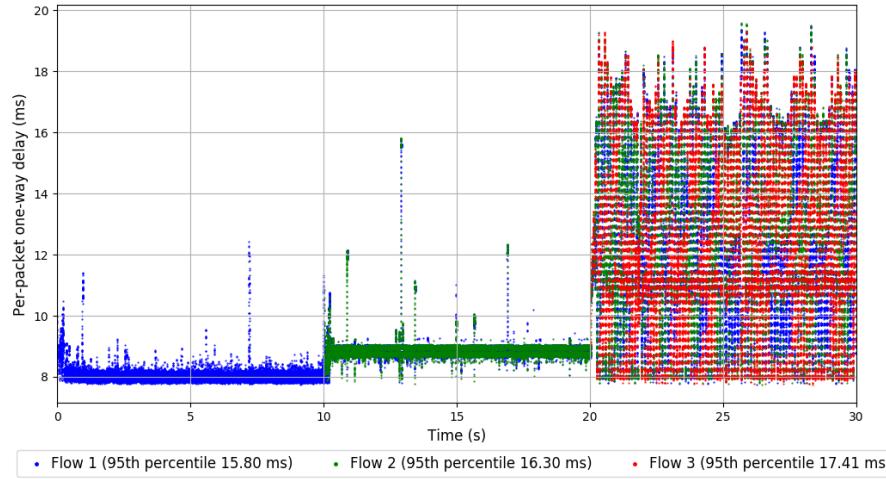
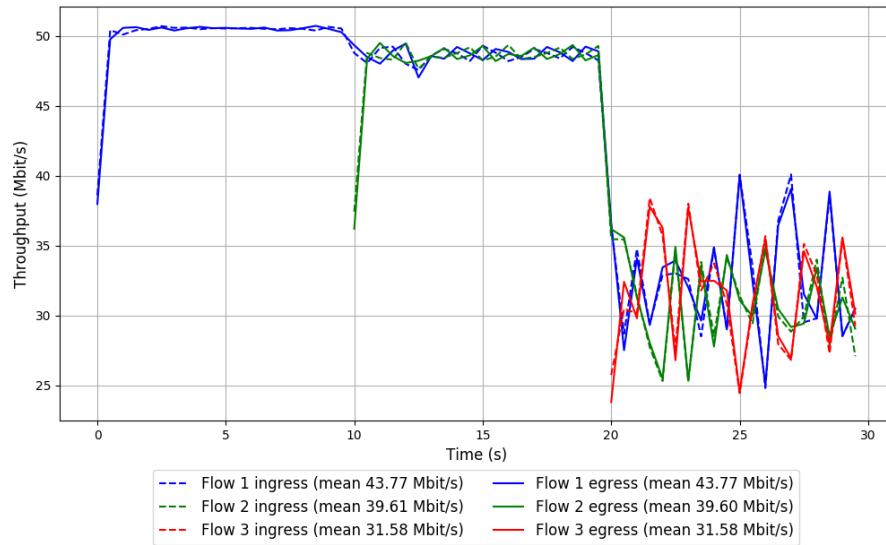
```
-- Flow 3:
```

```
Average throughput: 31.58 Mbit/s
```

```
95th percentile per-packet one-way delay: 17.408 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

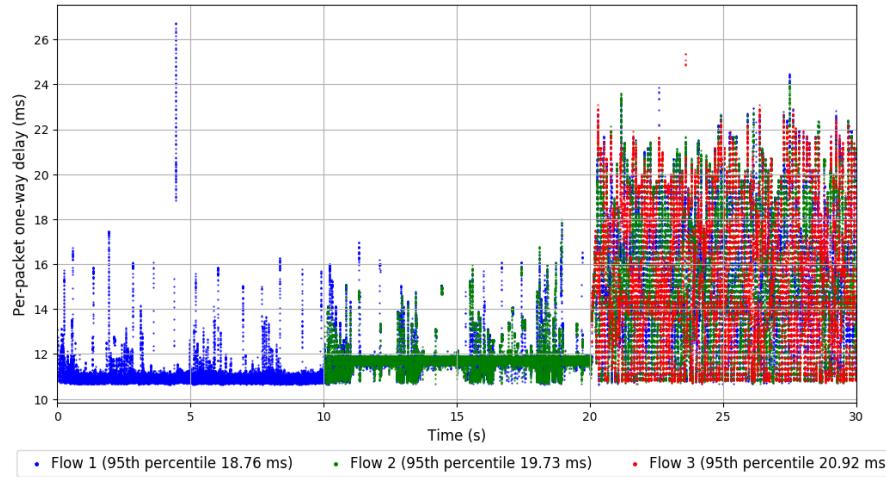
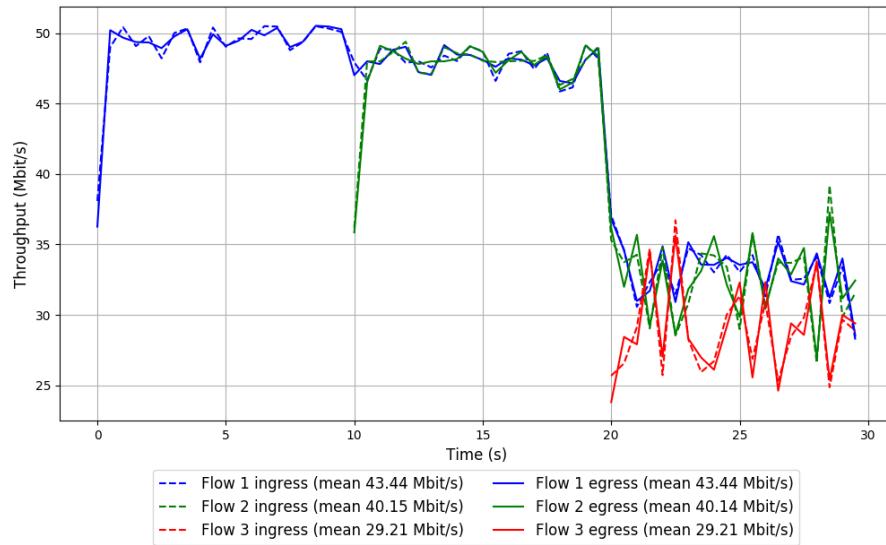


Run 2: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 00:04:25 +0000
End at: Tue, 01 Aug 2017 00:04:55 +0000
Local clock offset: -0.684 ms
Remote clock offset: -3.465 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.83 Mbit/s
95th percentile per-packet one-way delay: 19.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.44 Mbit/s
95th percentile per-packet one-way delay: 18.759 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: 19.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.21 Mbit/s
95th percentile per-packet one-way delay: 20.920 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

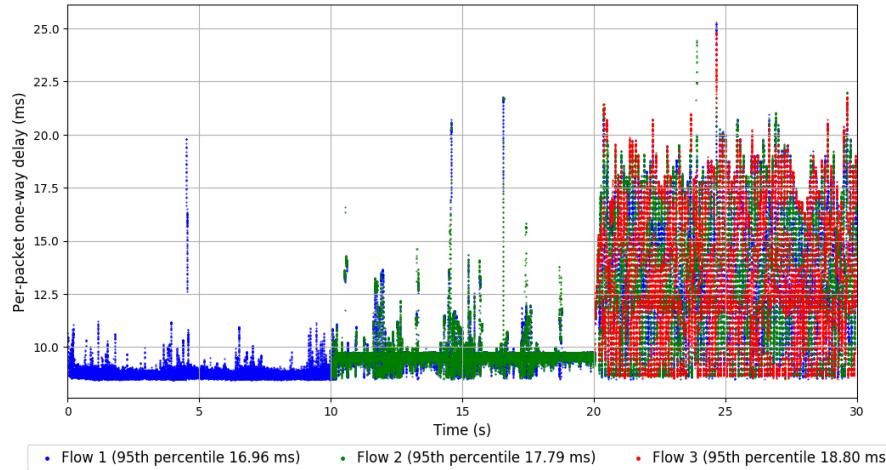
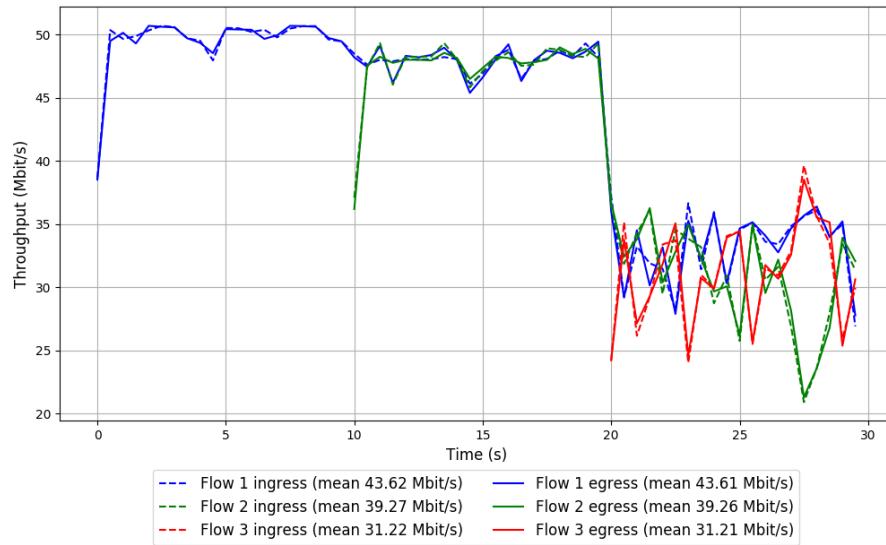


Run 3: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 00:24:15 +0000
End at: Tue, 01 Aug 2017 00:24:45 +0000
Local clock offset: 0.94 ms
Remote clock offset: -3.829 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.11 Mbit/s
95th percentile per-packet one-way delay: 17.748 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.61 Mbit/s
95th percentile per-packet one-way delay: 16.957 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 17.786 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.21 Mbit/s
95th percentile per-packet one-way delay: 18.801 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

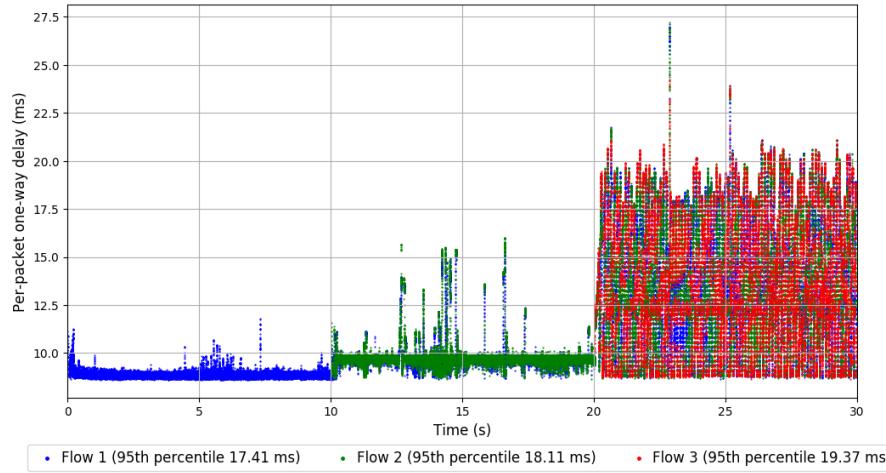
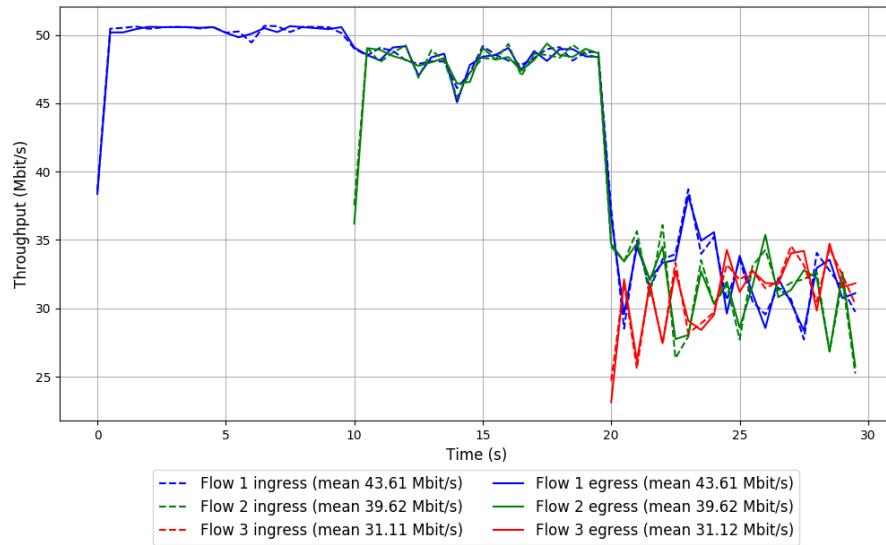


Run 4: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 01:12:46 +0000
End at: Tue, 01 Aug 2017 01:13:16 +0000
Local clock offset: 0.713 ms
Remote clock offset: -3.804 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.31 Mbit/s
95th percentile per-packet one-way delay: 18.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.61 Mbit/s
95th percentile per-packet one-way delay: 17.408 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 18.112 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 19.371 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

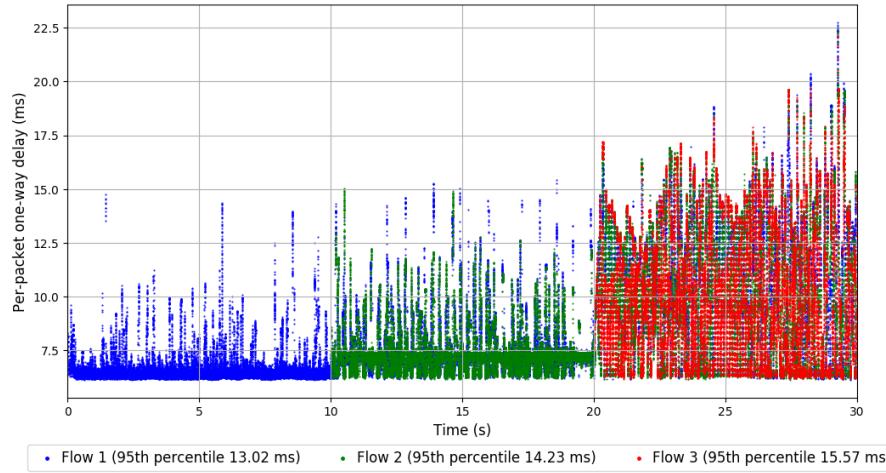
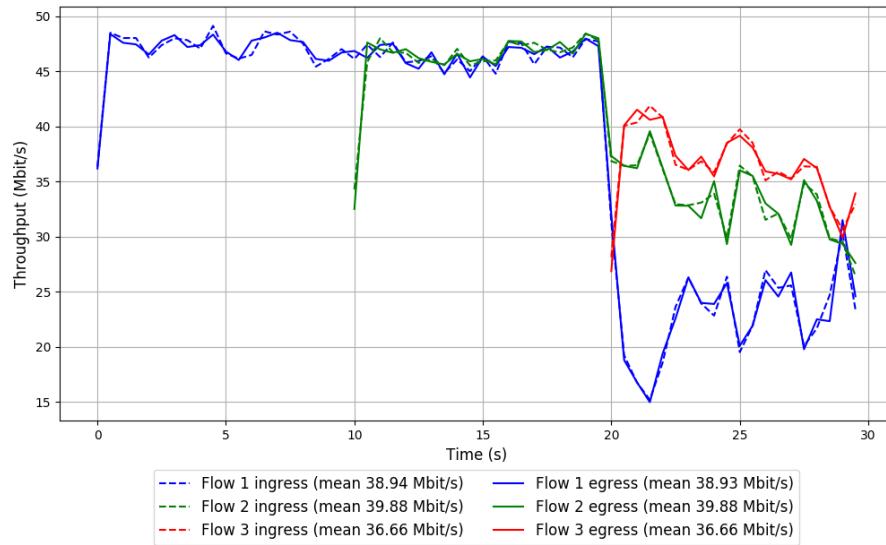


Run 5: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 01:36:27 +0000
End at: Tue, 01 Aug 2017 01:36:57 +0000
Local clock offset: 1.78 ms
Remote clock offset: -4.922 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.63 Mbit/s
95th percentile per-packet one-way delay: 14.187 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.93 Mbit/s
95th percentile per-packet one-way delay: 13.016 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.88 Mbit/s
95th percentile per-packet one-way delay: 14.228 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 15.573 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

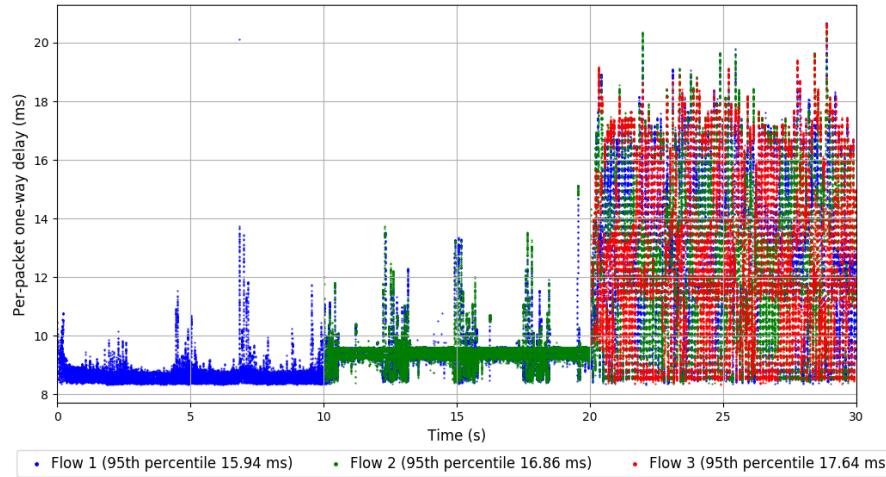
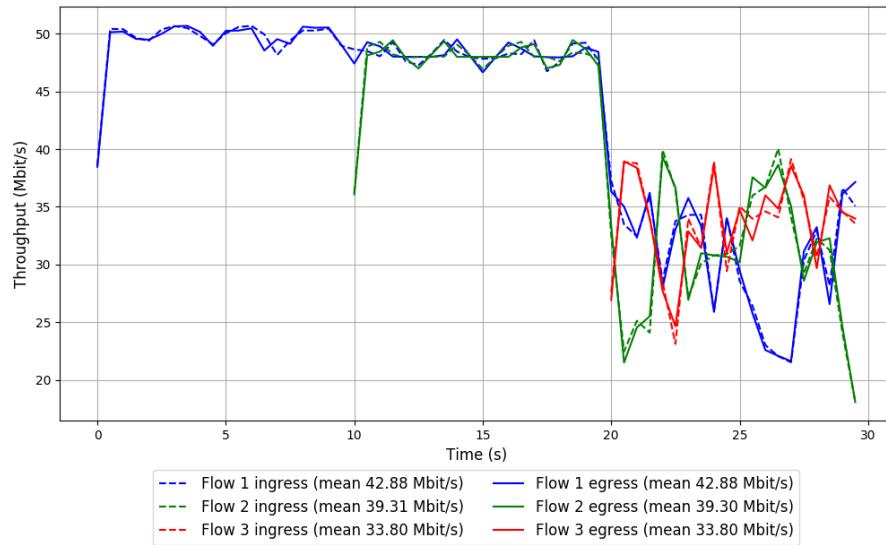


Run 6: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 02:17:23 +0000
End at: Tue, 01 Aug 2017 02:17:53 +0000
Local clock offset: 0.253 ms
Remote clock offset: -2.89 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.21 Mbit/s
95th percentile per-packet one-way delay: 16.778 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.88 Mbit/s
95th percentile per-packet one-way delay: 15.939 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.30 Mbit/s
95th percentile per-packet one-way delay: 16.861 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 17.641 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link

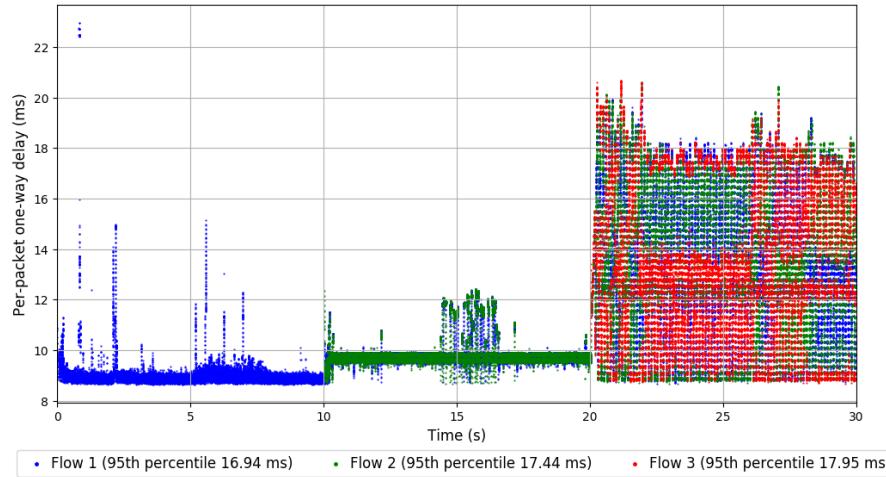
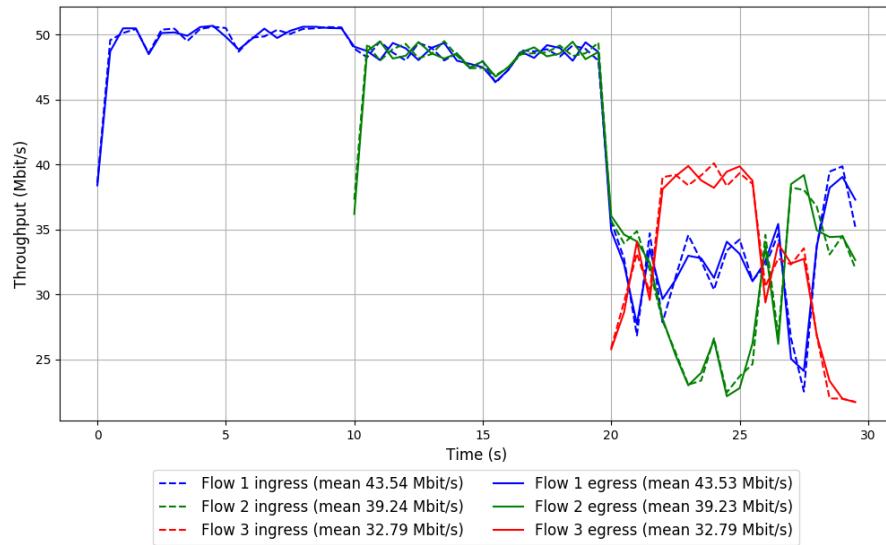


Run 7: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:07:54 +0000
End at: Tue, 01 Aug 2017 03:08:24 +0000
Local clock offset: -1.752 ms
Remote clock offset: -5.201 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:25:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.51 Mbit/s
95th percentile per-packet one-way delay: 17.473 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.53 Mbit/s
95th percentile per-packet one-way delay: 16.937 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.23 Mbit/s
95th percentile per-packet one-way delay: 17.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 17.955 ms
Loss rate: 0.00%
```

Run 7: Report of KohoCC — Data Link

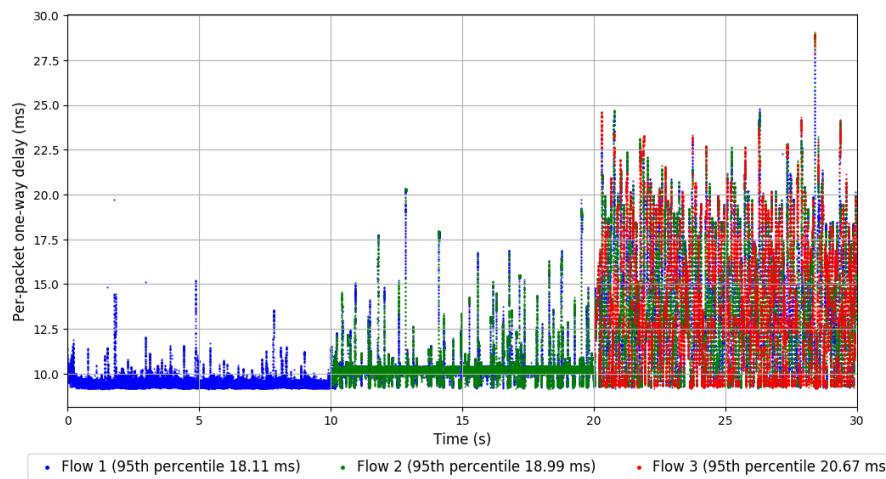
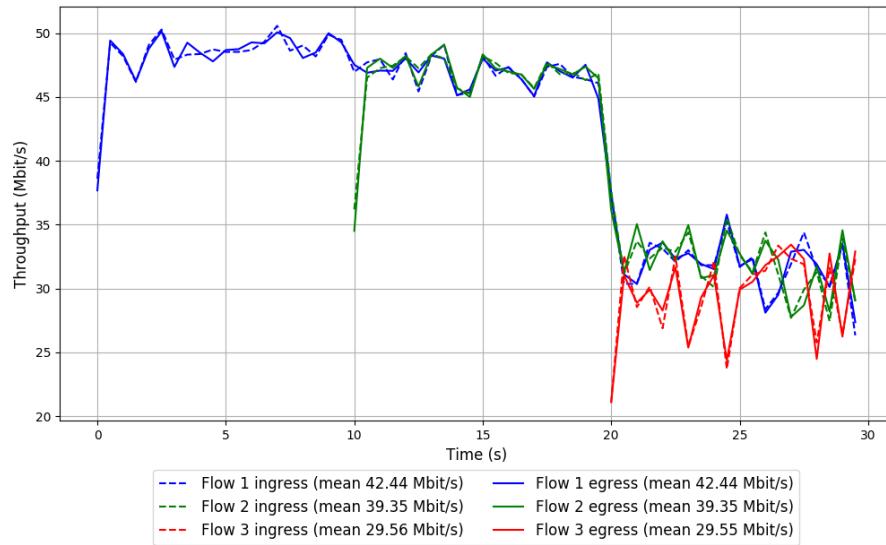


Run 8: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:54:58 +0000
End at: Tue, 01 Aug 2017 03:55:28 +0000
Local clock offset: -1.005 ms
Remote clock offset: -4.18 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.45 Mbit/s
95th percentile per-packet one-way delay: 18.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.44 Mbit/s
95th percentile per-packet one-way delay: 18.111 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 18.991 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.55 Mbit/s
95th percentile per-packet one-way delay: 20.669 ms
Loss rate: 0.00%
```

Run 8: Report of KohoCC — Data Link

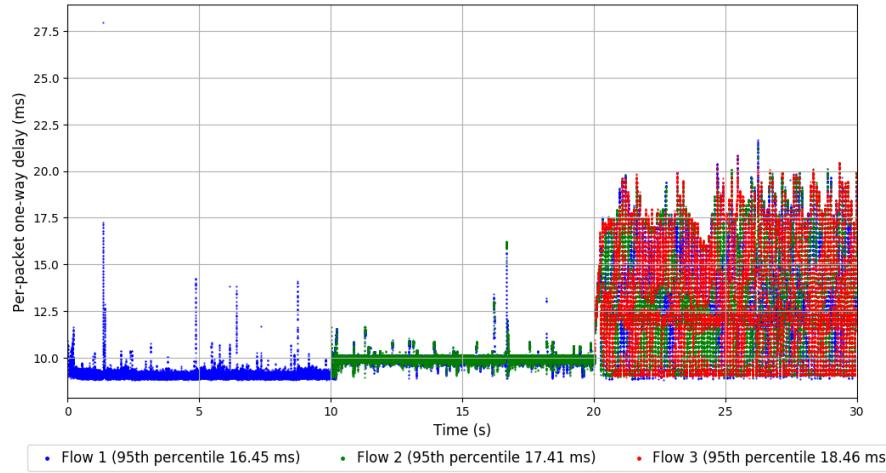
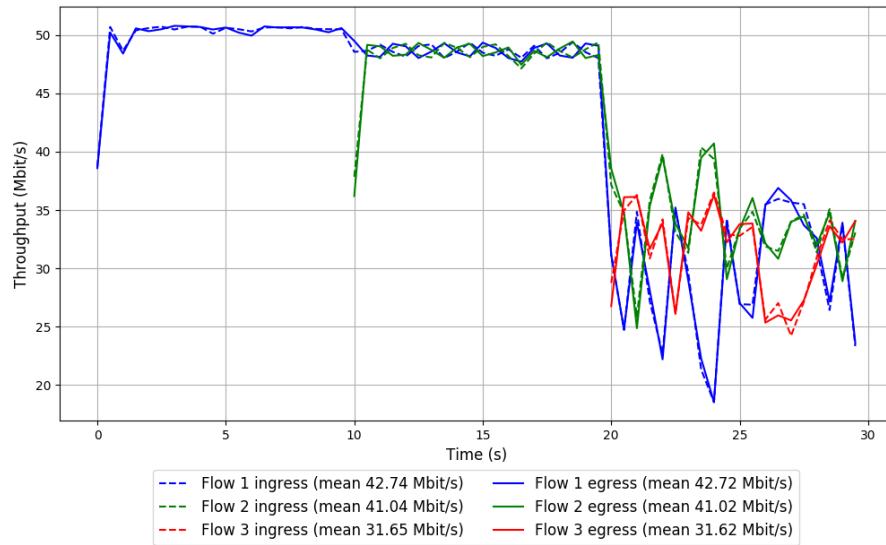


Run 9: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:16:34 +0000
End at: Tue, 01 Aug 2017 04:17:04 +0000
Local clock offset: 2.633 ms
Remote clock offset: -1.184 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.53 Mbit/s
95th percentile per-packet one-way delay: 17.399 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.72 Mbit/s
95th percentile per-packet one-way delay: 16.445 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.02 Mbit/s
95th percentile per-packet one-way delay: 17.412 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 18.458 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

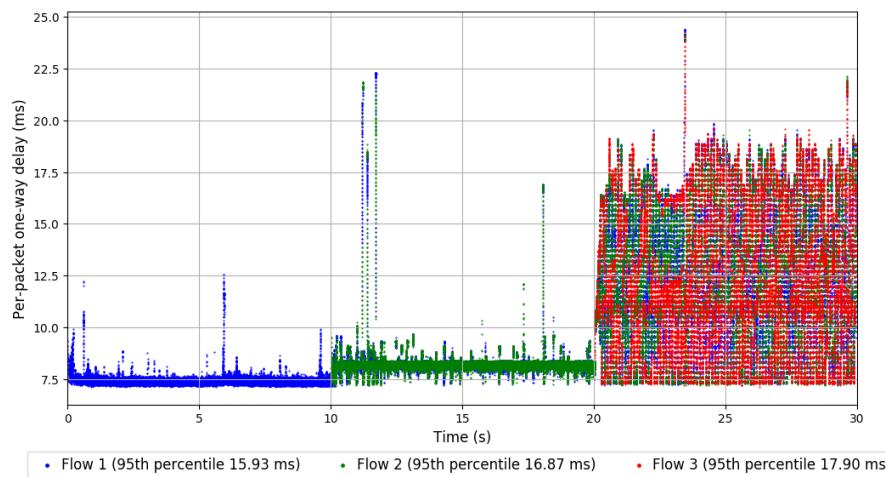
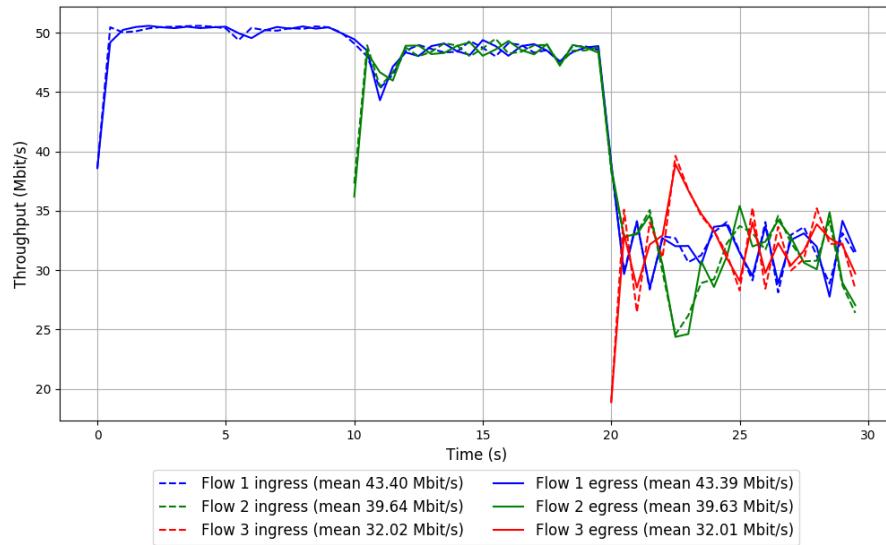


Run 10: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:35:24 +0000
End at: Tue, 01 Aug 2017 04:35:54 +0000
Local clock offset: 2.359 ms
Remote clock offset: -3.535 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.40 Mbit/s
95th percentile per-packet one-way delay: 16.884 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.39 Mbit/s
95th percentile per-packet one-way delay: 15.934 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.63 Mbit/s
95th percentile per-packet one-way delay: 16.866 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 17.902 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

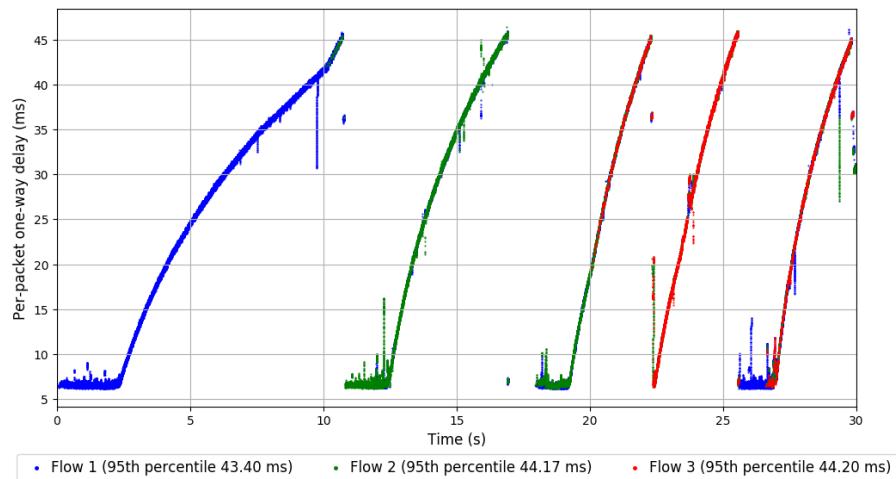
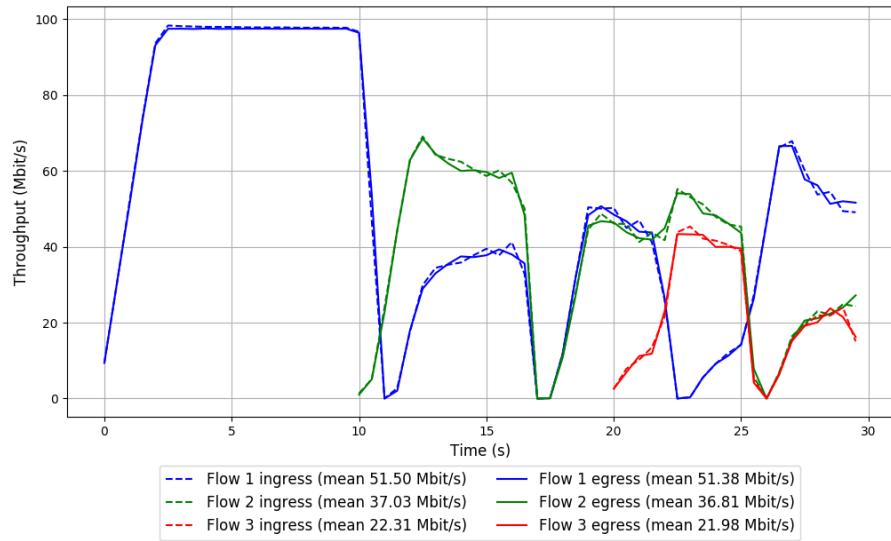


Run 1: Statistics of LEDBAT

```
Start at: Mon, 31 Jul 2017 23:51:04 +0000
End at: Mon, 31 Jul 2017 23:51:34 +0000
Local clock offset: 3.181 ms
Remote clock offset: -4.16 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.04 Mbit/s
95th percentile per-packet one-way delay: 43.706 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 51.38 Mbit/s
95th percentile per-packet one-way delay: 43.400 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.81 Mbit/s
95th percentile per-packet one-way delay: 44.172 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: 44.201 ms
Loss rate: 1.31%
```

Run 1: Report of LEDBAT — Data Link

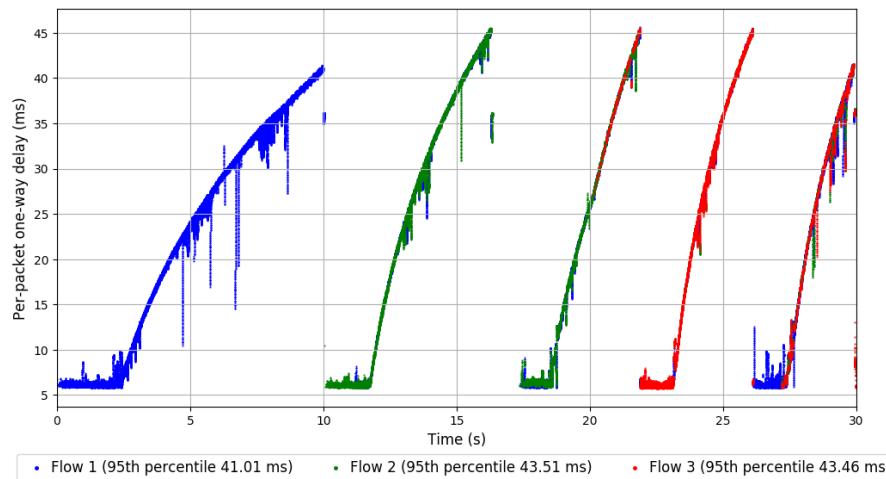
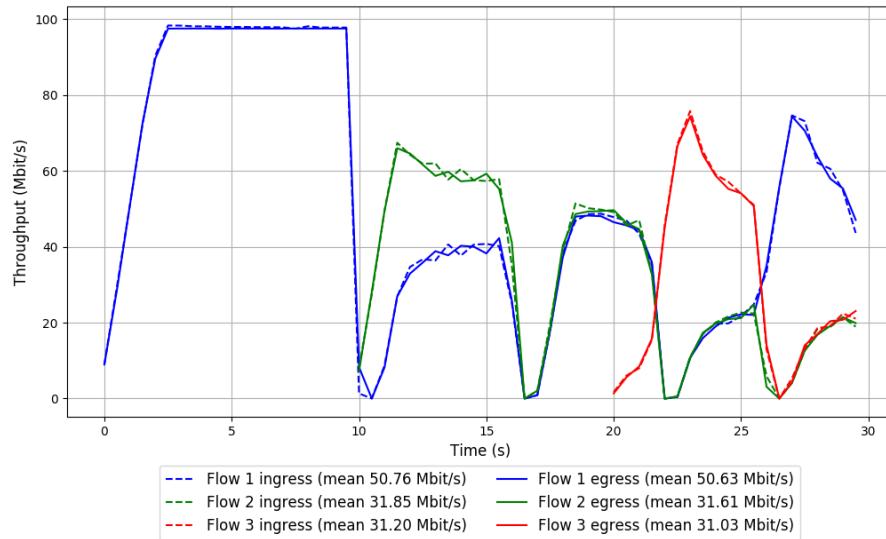


Run 2: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 00:09:32 +0000
End at: Tue, 01 Aug 2017 00:10:02 +0000
Local clock offset: 3.629 ms
Remote clock offset: -4.018 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.84 Mbit/s
95th percentile per-packet one-way delay: 42.467 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 50.63 Mbit/s
95th percentile per-packet one-way delay: 41.013 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 31.61 Mbit/s
95th percentile per-packet one-way delay: 43.513 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 31.03 Mbit/s
95th percentile per-packet one-way delay: 43.457 ms
Loss rate: 0.76%
```

Run 2: Report of LEDBAT — Data Link

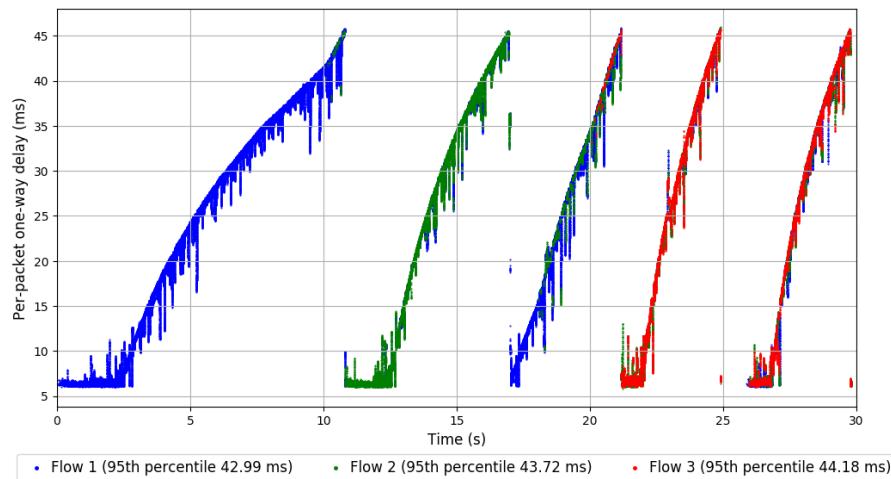
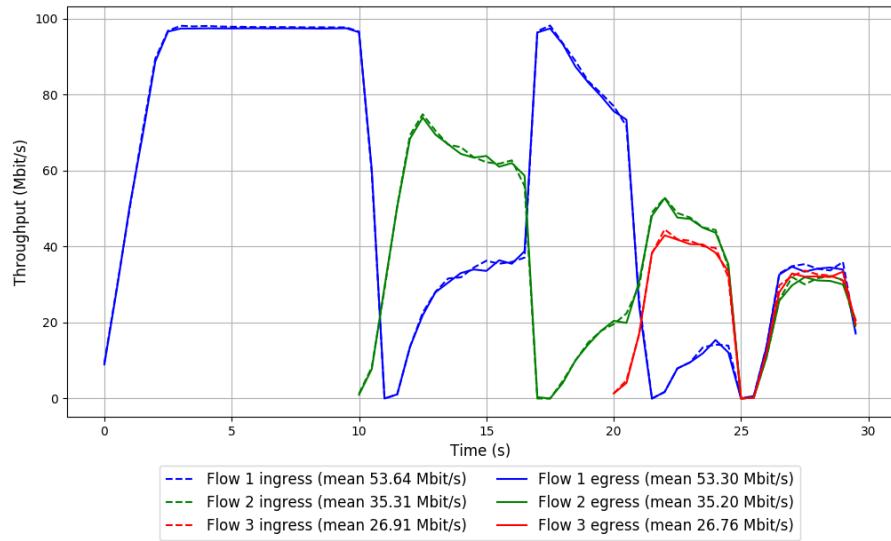


Run 3: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 00:38:31 +0000
End at: Tue, 01 Aug 2017 00:39:01 +0000
Local clock offset: 2.573 ms
Remote clock offset: -4.652 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.37 Mbit/s
95th percentile per-packet one-way delay: 43.402 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 53.30 Mbit/s
95th percentile per-packet one-way delay: 42.988 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 35.20 Mbit/s
95th percentile per-packet one-way delay: 43.715 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 26.76 Mbit/s
95th percentile per-packet one-way delay: 44.181 ms
Loss rate: 0.81%
```

Run 3: Report of LEDBAT — Data Link

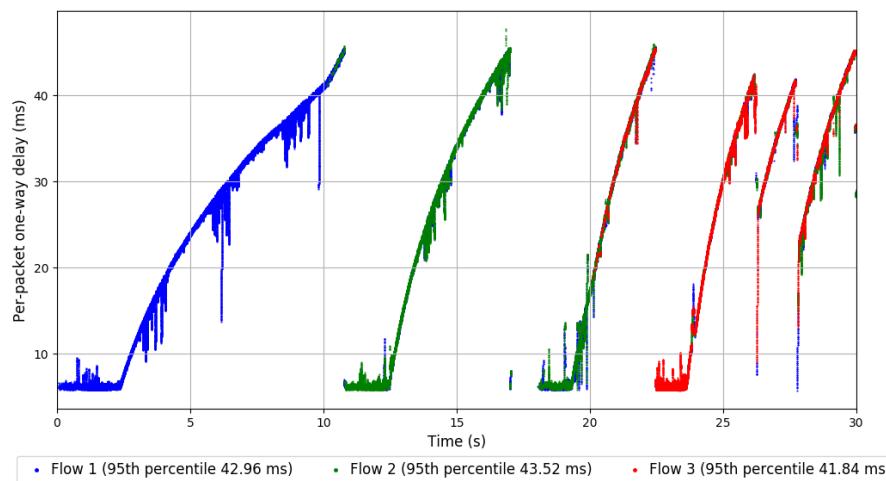
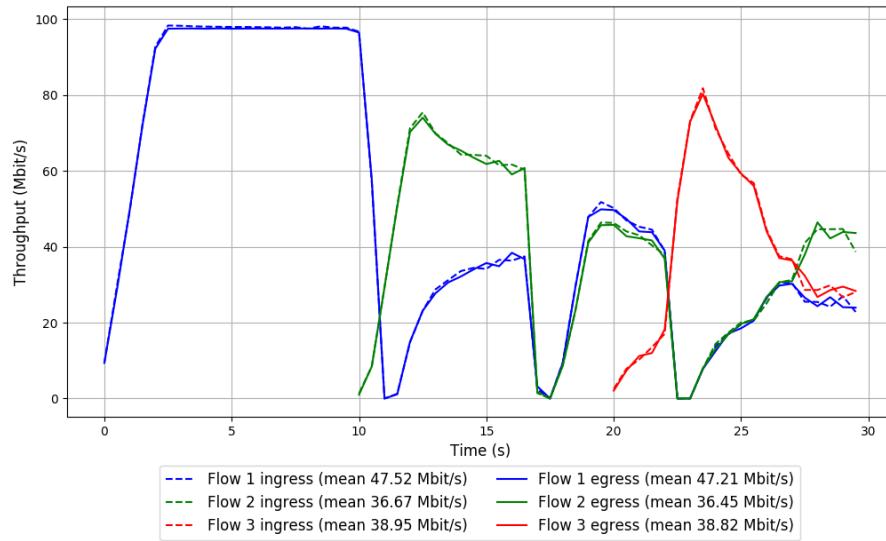


Run 4: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 01:17:40 +0000
End at: Tue, 01 Aug 2017 01:18:10 +0000
Local clock offset: 3.076 ms
Remote clock offset: -4.295 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.27 Mbit/s
95th percentile per-packet one-way delay: 43.033 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 42.962 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 43.523 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 38.82 Mbit/s
95th percentile per-packet one-way delay: 41.835 ms
Loss rate: 0.13%
```

Run 4: Report of LEDBAT — Data Link

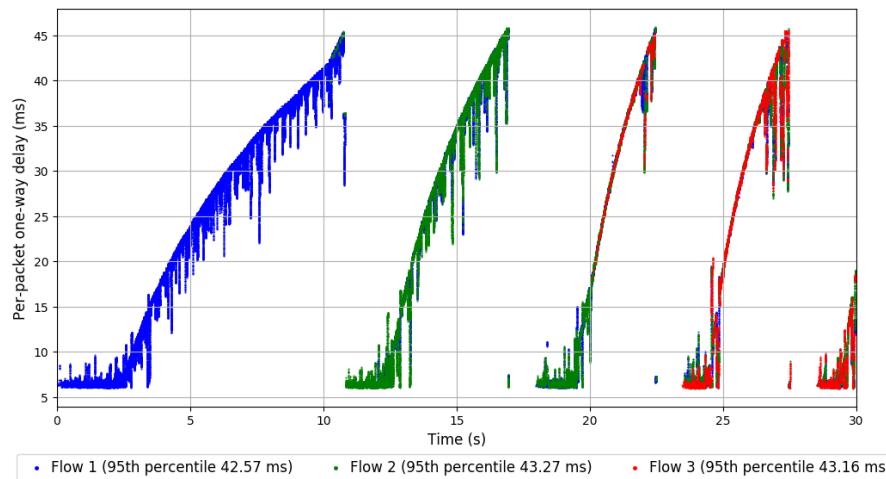
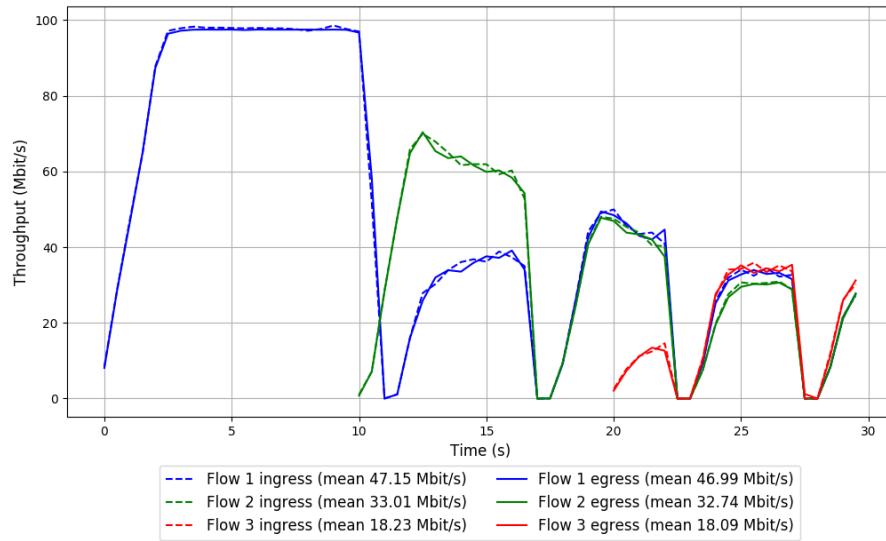


Run 5: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 01:45:55 +0000
End at: Tue, 01 Aug 2017 01:46:25 +0000
Local clock offset: 1.85 ms
Remote clock offset: -4.554 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.69 Mbit/s
95th percentile per-packet one-way delay: 42.830 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 46.99 Mbit/s
95th percentile per-packet one-way delay: 42.572 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 43.268 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 18.09 Mbit/s
95th percentile per-packet one-way delay: 43.157 ms
Loss rate: 0.73%
```

Run 5: Report of LEDBAT — Data Link

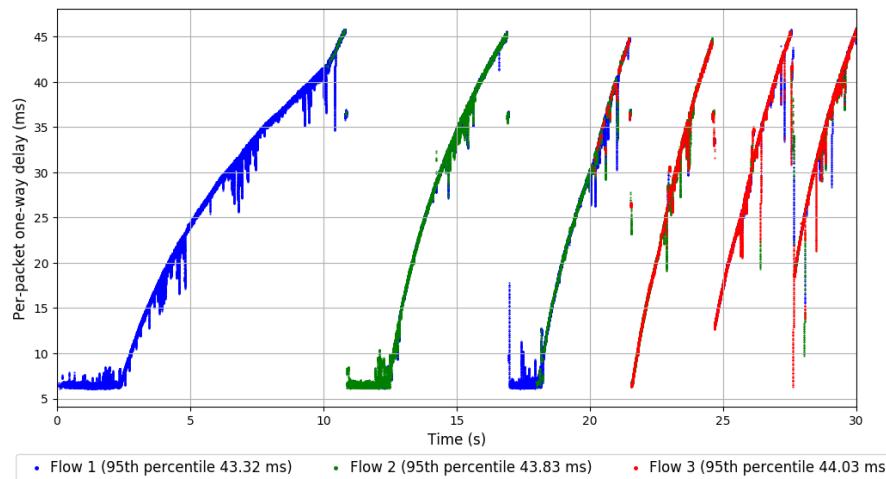
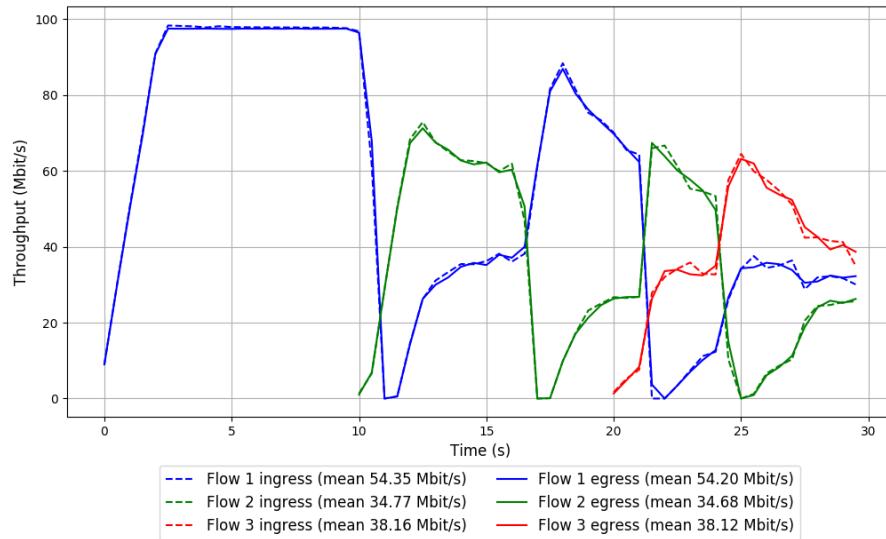


Run 6: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 02:22:49 +0000
End at: Tue, 01 Aug 2017 02:23:19 +0000
Local clock offset: 1.414 ms
Remote clock offset: -3.88 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: 43.614 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 54.20 Mbit/s
95th percentile per-packet one-way delay: 43.321 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 34.68 Mbit/s
95th percentile per-packet one-way delay: 43.829 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 38.12 Mbit/s
95th percentile per-packet one-way delay: 44.029 ms
Loss rate: 0.09%
```

Run 6: Report of LEDBAT — Data Link

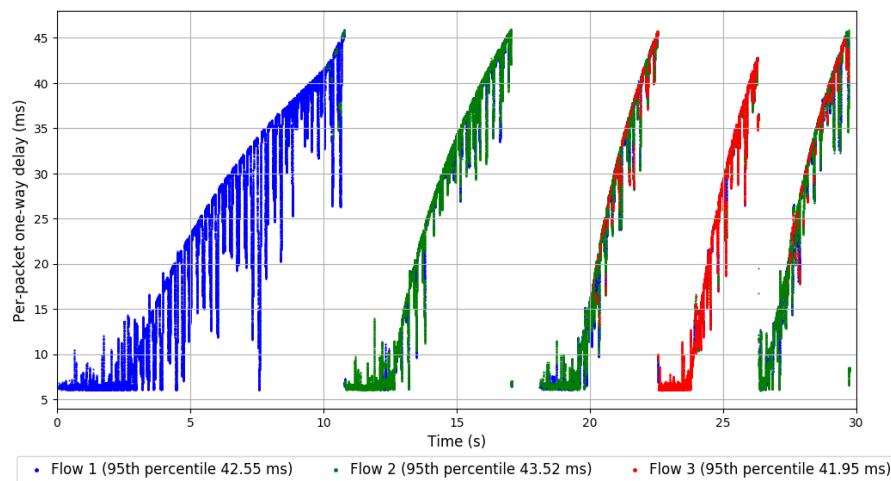
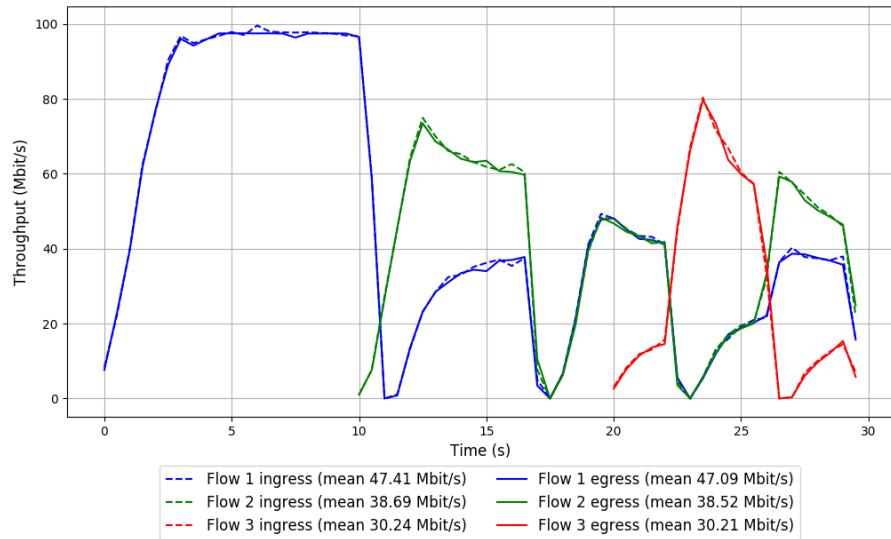


Run 7: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:19:27 +0000
End at: Tue, 01 Aug 2017 03:19:57 +0000
Local clock offset: 1.902 ms
Remote clock offset: -4.227 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:26:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.37 Mbit/s
95th percentile per-packet one-way delay: 42.948 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 42.546 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 43.519 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 30.21 Mbit/s
95th percentile per-packet one-way delay: 41.950 ms
Loss rate: 0.49%
```

Run 7: Report of LEDBAT — Data Link

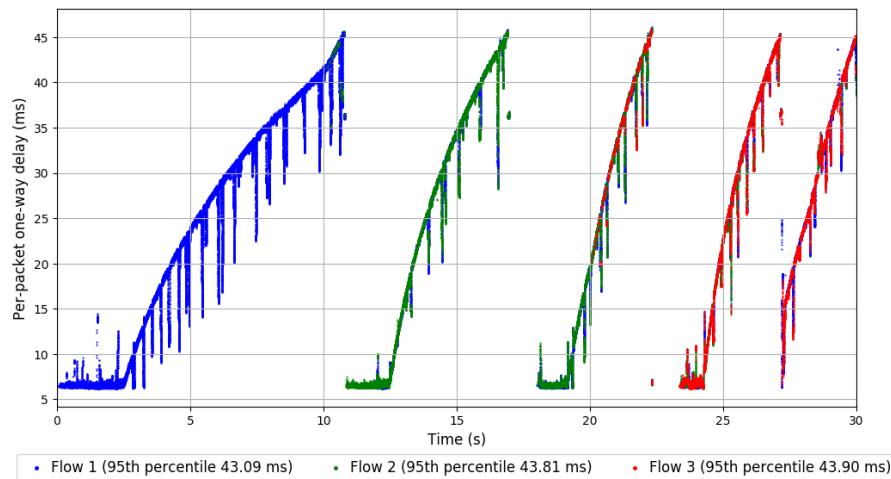
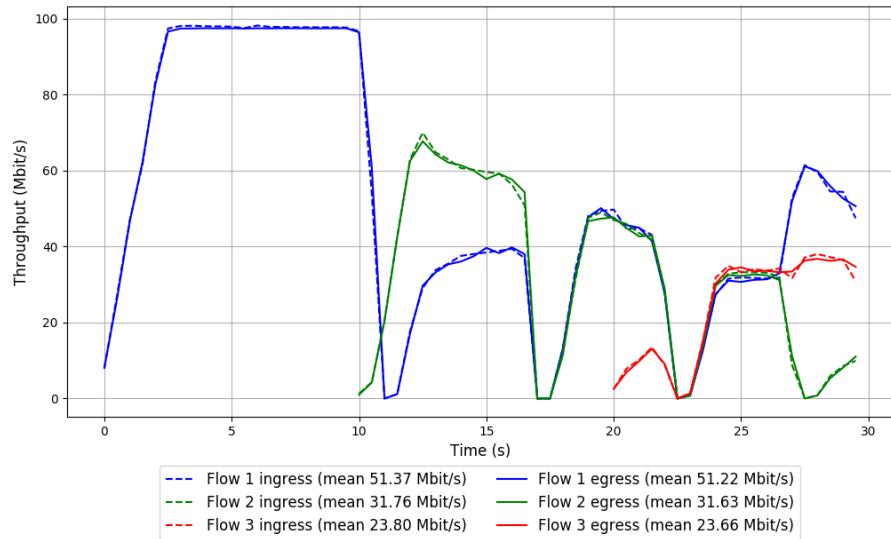


Run 8: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:01:37 +0000
End at: Tue, 01 Aug 2017 04:02:07 +0000
Local clock offset: 1.36 ms
Remote clock offset: -4.855 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.10 Mbit/s
95th percentile per-packet one-way delay: 43.367 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 51.22 Mbit/s
95th percentile per-packet one-way delay: 43.095 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 43.810 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 23.66 Mbit/s
95th percentile per-packet one-way delay: 43.897 ms
Loss rate: 0.34%
```

Run 8: Report of LEDBAT — Data Link

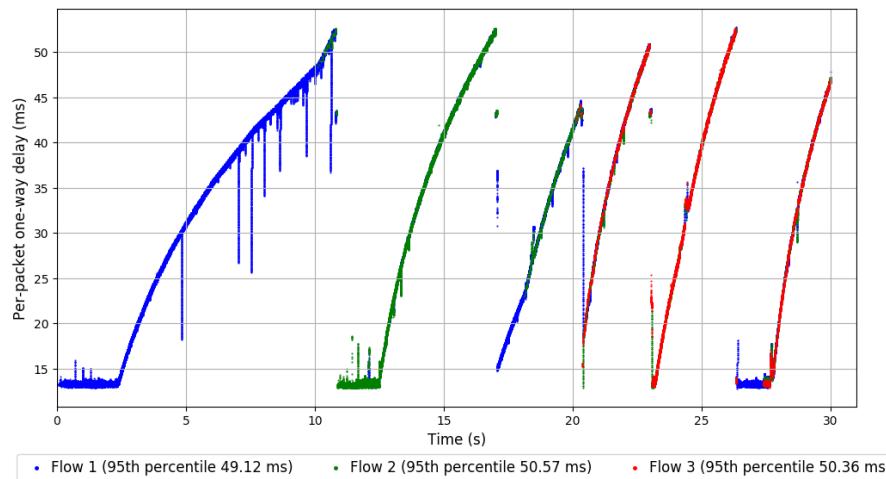
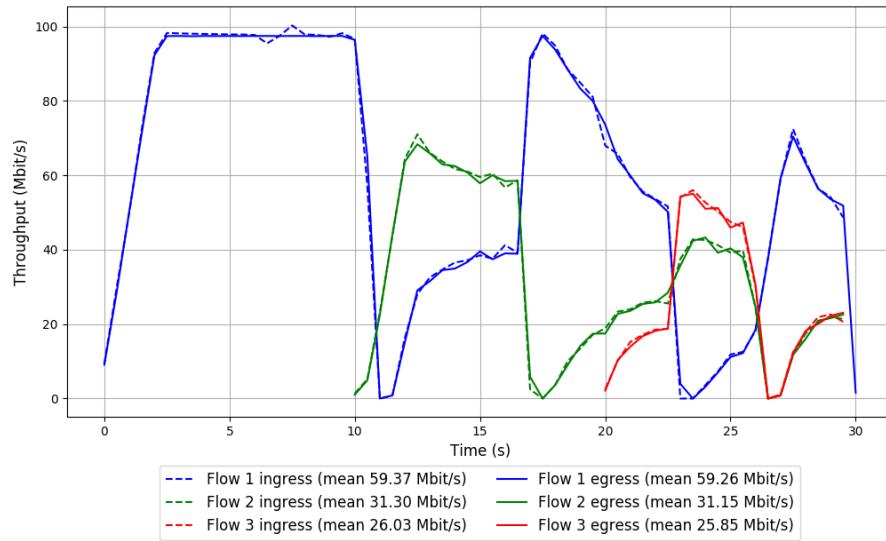


Run 9: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:21:15 +0000
End at: Tue, 01 Aug 2017 04:21:45 +0000
Local clock offset: -1.672 ms
Remote clock offset: -1.507 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 49.805 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 49.124 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 50.573 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 25.85 Mbit/s
95th percentile per-packet one-way delay: 50.359 ms
Loss rate: 0.65%
```

Run 9: Report of LEDBAT — Data Link

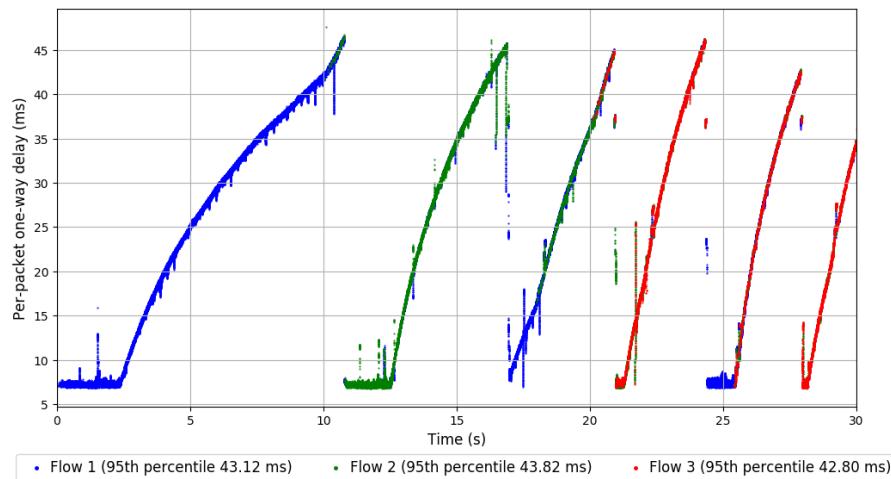
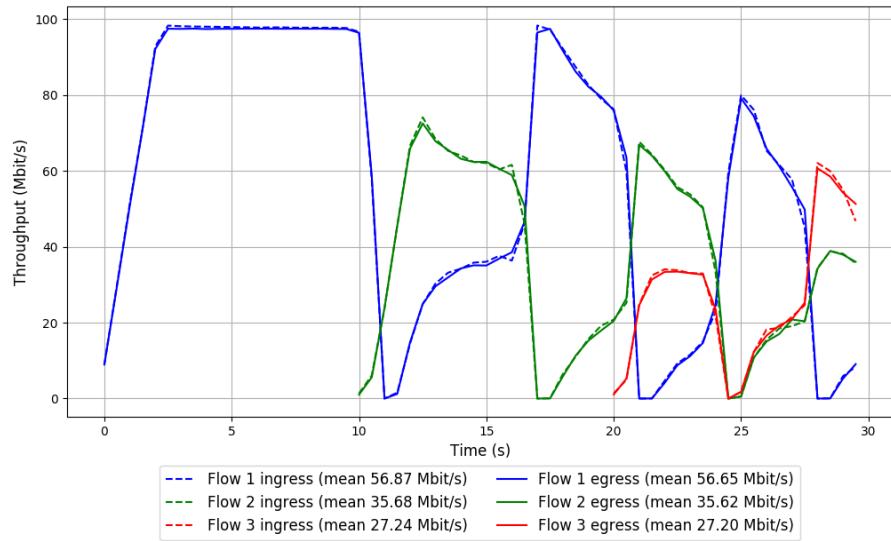


Run 10: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:40:28 +0000
End at: Tue, 01 Aug 2017 04:40:58 +0000
Local clock offset: 2.972 ms
Remote clock offset: -3.21 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.26 Mbit/s
95th percentile per-packet one-way delay: 43.331 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 43.115 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 43.821 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 27.20 Mbit/s
95th percentile per-packet one-way delay: 42.802 ms
Loss rate: 0.15%
```

Run 10: Report of LEDBAT — Data Link

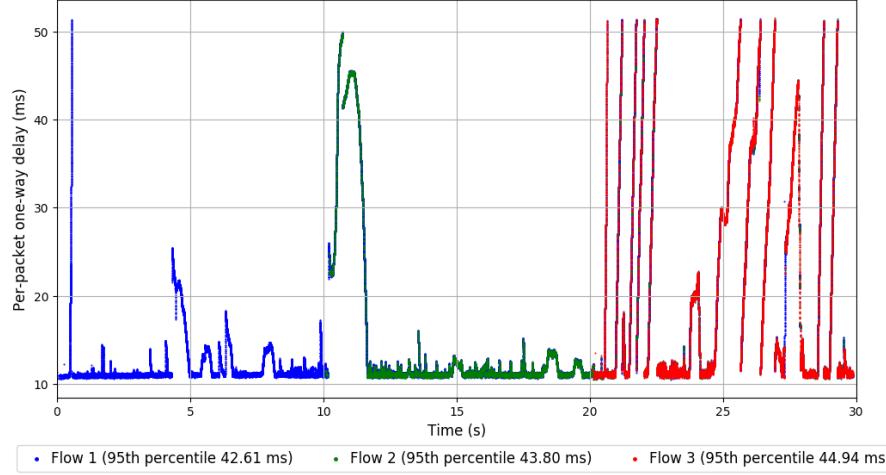
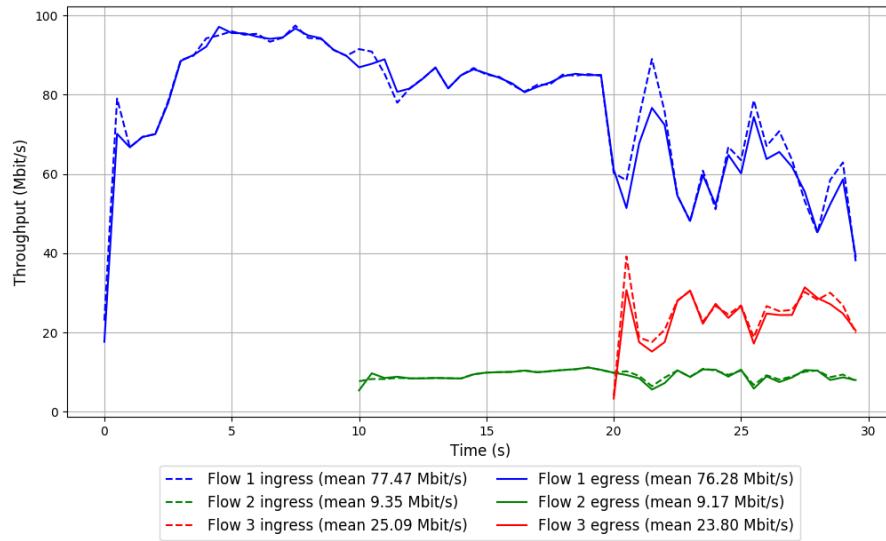


Run 1: Statistics of PCC

```
Start at: Mon, 31 Jul 2017 23:48:36 +0000
End at: Mon, 31 Jul 2017 23:49:06 +0000
Local clock offset: -1.113 ms
Remote clock offset: -4.025 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 43.046 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 76.28 Mbit/s
95th percentile per-packet one-way delay: 42.611 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 43.805 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 23.80 Mbit/s
95th percentile per-packet one-way delay: 44.944 ms
Loss rate: 5.16%
```

Run 1: Report of PCC — Data Link

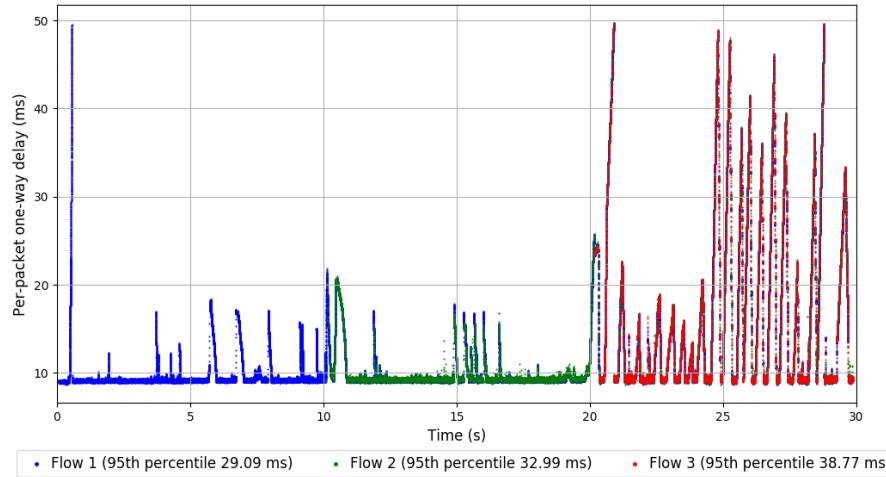
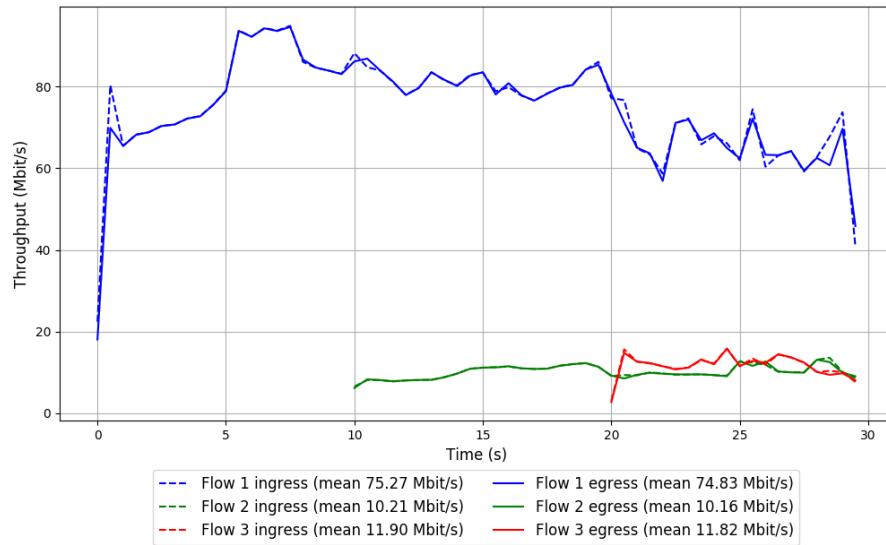


Run 2: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 00:06:51 +0000
End at: Tue, 01 Aug 2017 00:07:21 +0000
Local clock offset: 1.186 ms
Remote clock offset: -3.3 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 30.503 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 74.83 Mbit/s
95th percentile per-packet one-way delay: 29.093 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 10.16 Mbit/s
95th percentile per-packet one-way delay: 32.995 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 38.769 ms
Loss rate: 0.81%
```

Run 2: Report of PCC — Data Link

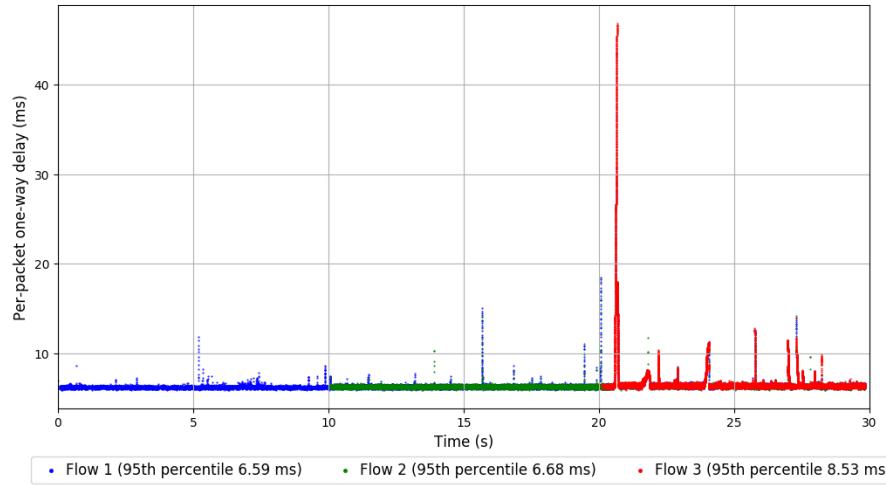
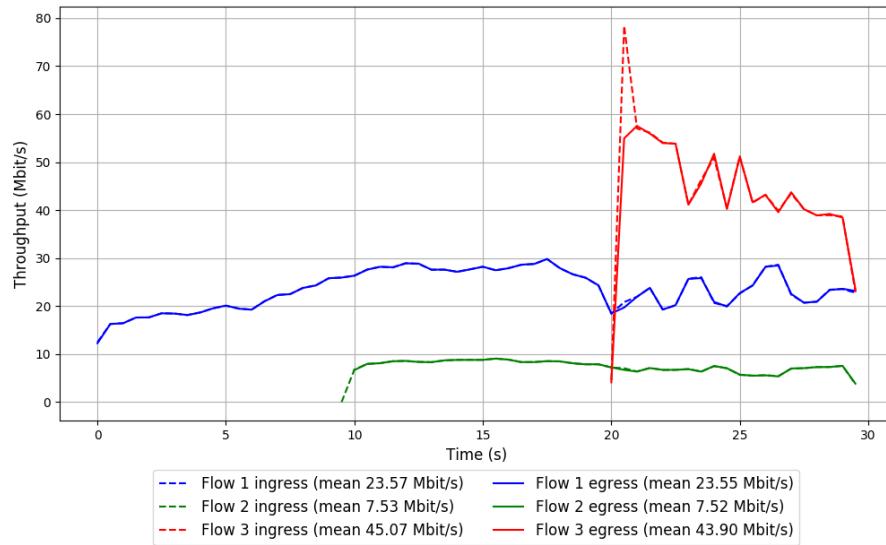


Run 3: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 00:26:54 +0000
End at: Tue, 01 Aug 2017 00:27:24 +0000
Local clock offset: 2.869 ms
Remote clock offset: -4.325 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.94 Mbit/s
95th percentile per-packet one-way delay: 7.062 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 6.595 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 7.52 Mbit/s
95th percentile per-packet one-way delay: 6.678 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 43.90 Mbit/s
95th percentile per-packet one-way delay: 8.525 ms
Loss rate: 2.61%
```

Run 3: Report of PCC — Data Link

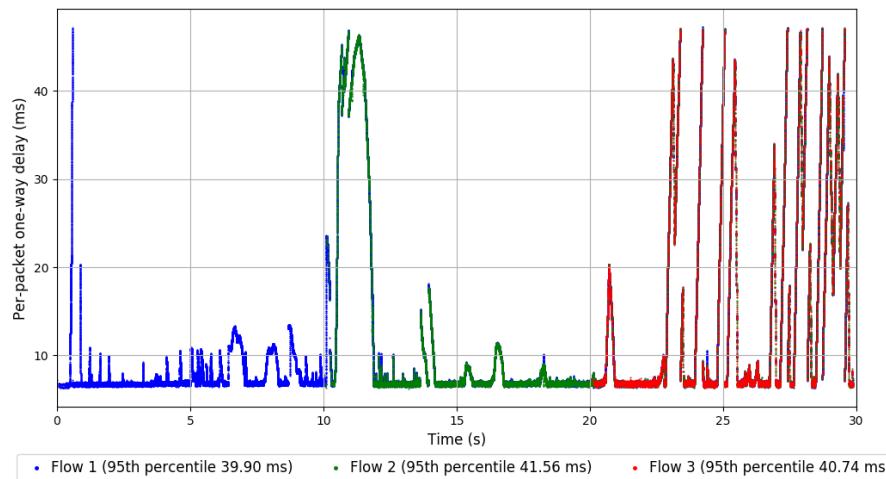
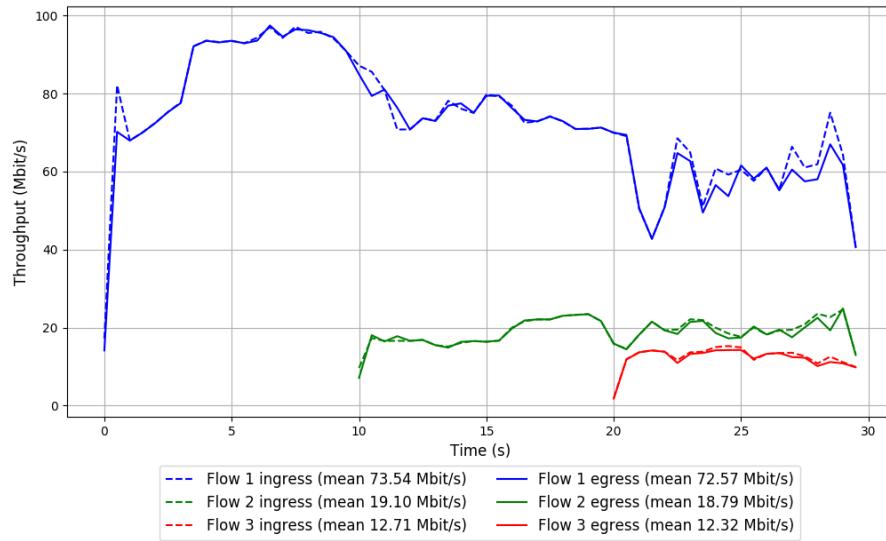


Run 4: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 01:15:12 +0000
End at: Tue, 01 Aug 2017 01:15:42 +0000
Local clock offset: 2.479 ms
Remote clock offset: -4.19 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.09 Mbit/s
95th percentile per-packet one-way delay: 40.308 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 72.57 Mbit/s
95th percentile per-packet one-way delay: 39.903 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 18.79 Mbit/s
95th percentile per-packet one-way delay: 41.563 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 40.742 ms
Loss rate: 3.13%
```

Run 4: Report of PCC — Data Link

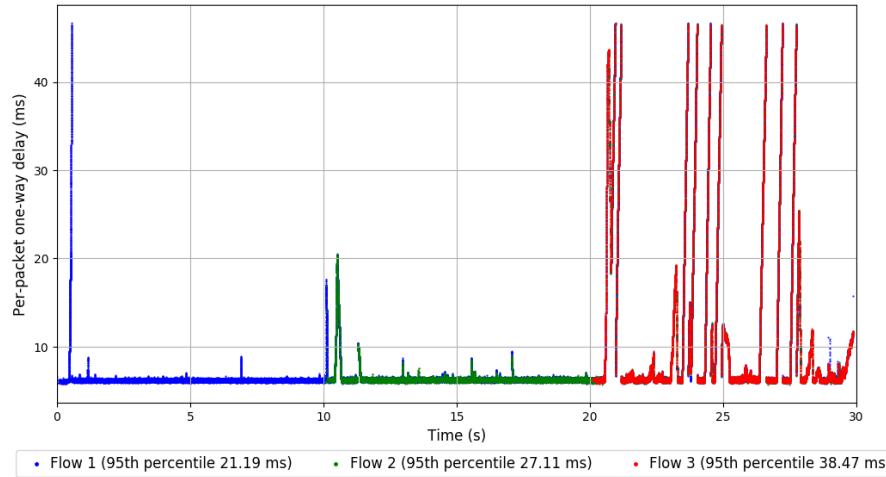
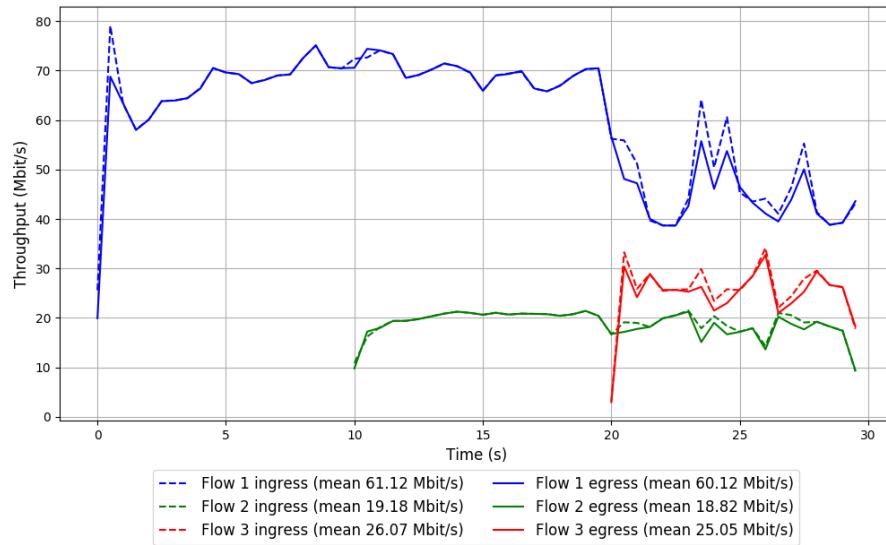


Run 5: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 01:41:23 +0000
End at: Tue, 01 Aug 2017 01:41:53 +0000
Local clock offset: 1.819 ms
Remote clock offset: -4.921 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.82 Mbit/s
95th percentile per-packet one-way delay: 26.532 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 60.12 Mbit/s
95th percentile per-packet one-way delay: 21.192 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 18.82 Mbit/s
95th percentile per-packet one-way delay: 27.112 ms
Loss rate: 1.83%
-- Flow 3:
Average throughput: 25.05 Mbit/s
95th percentile per-packet one-way delay: 38.473 ms
Loss rate: 3.84%
```

Run 5: Report of PCC — Data Link

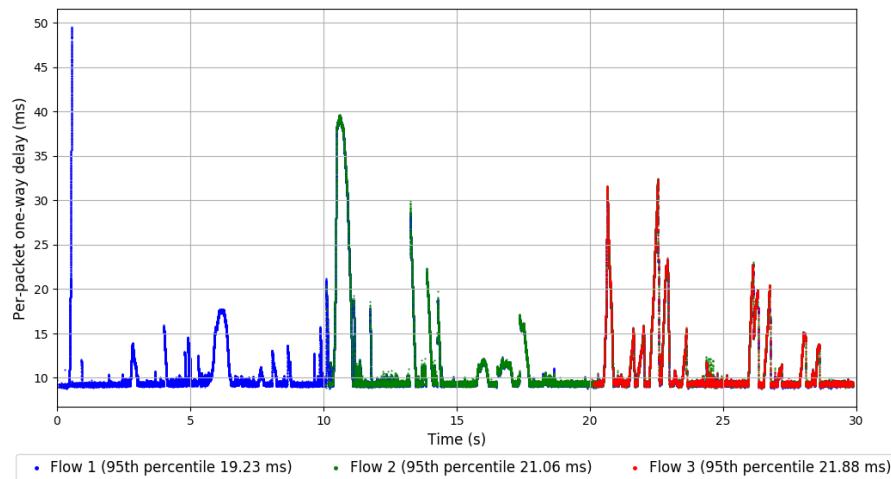
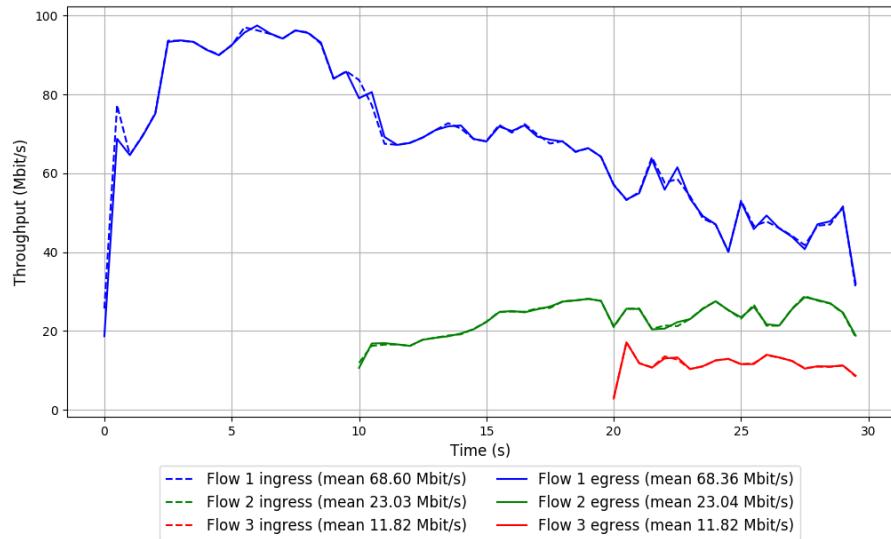


Run 6: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 02:19:56 +0000
End at: Tue, 01 Aug 2017 02:20:26 +0000
Local clock offset: -0.793 ms
Remote clock offset: -3.203 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 19.684 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 68.36 Mbit/s
95th percentile per-packet one-way delay: 19.235 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 23.04 Mbit/s
95th percentile per-packet one-way delay: 21.062 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 21.884 ms
Loss rate: 0.00%
```

Run 6: Report of PCC — Data Link

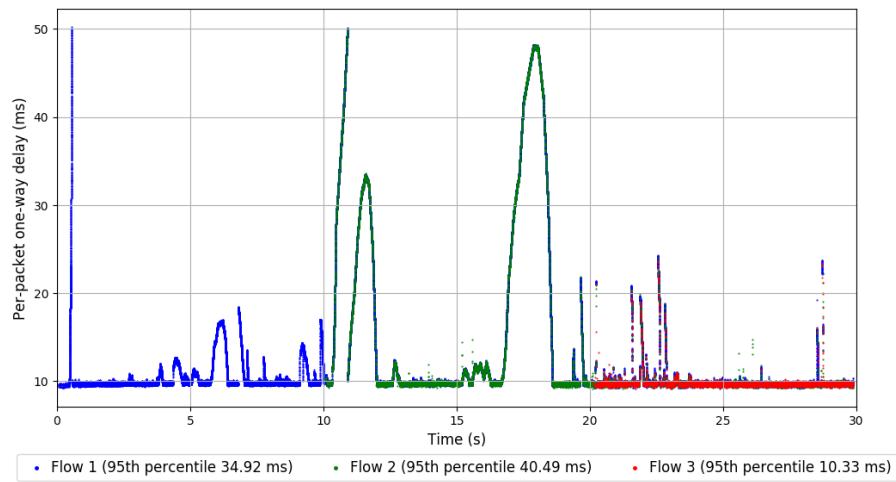
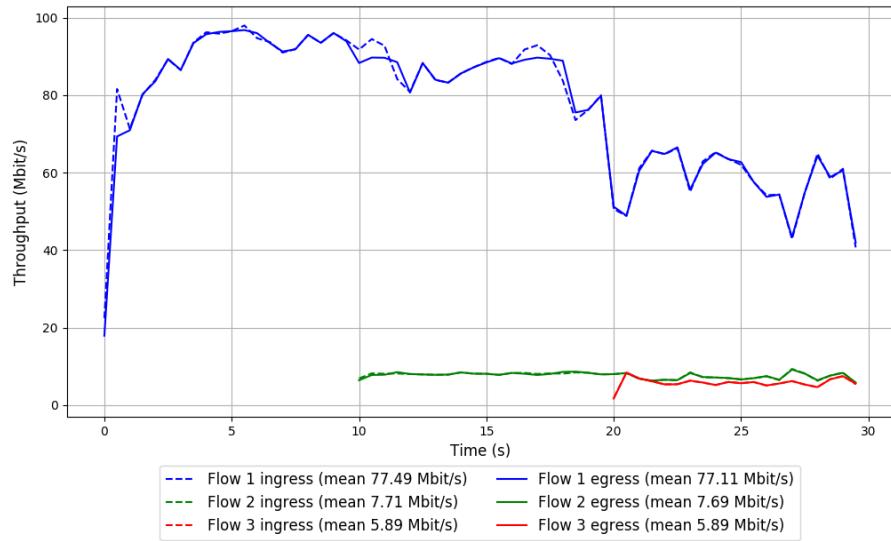


Run 7: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:10:17 +0000
End at: Tue, 01 Aug 2017 03:10:47 +0000
Local clock offset: -1.876 ms
Remote clock offset: -4.557 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:27:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.15 Mbit/s
95th percentile per-packet one-way delay: 34.847 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 77.11 Mbit/s
95th percentile per-packet one-way delay: 34.924 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 40.492 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 5.89 Mbit/s
95th percentile per-packet one-way delay: 10.329 ms
Loss rate: 0.00%
```

Run 7: Report of PCC — Data Link

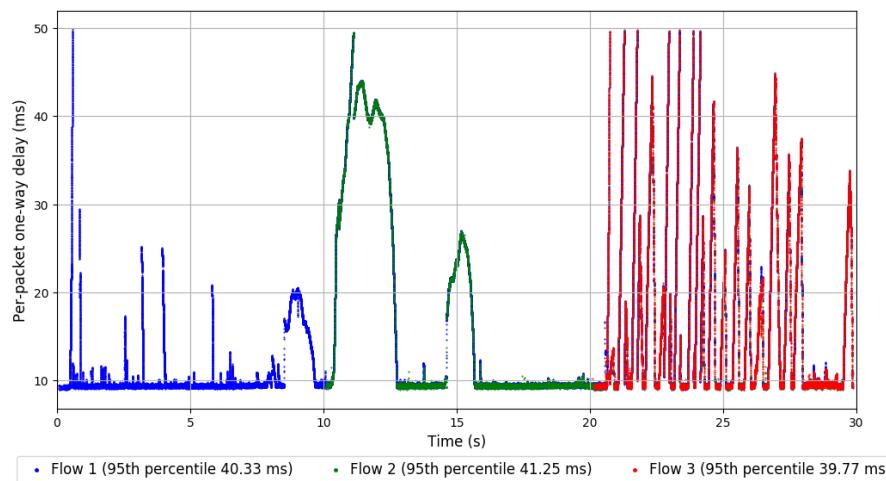
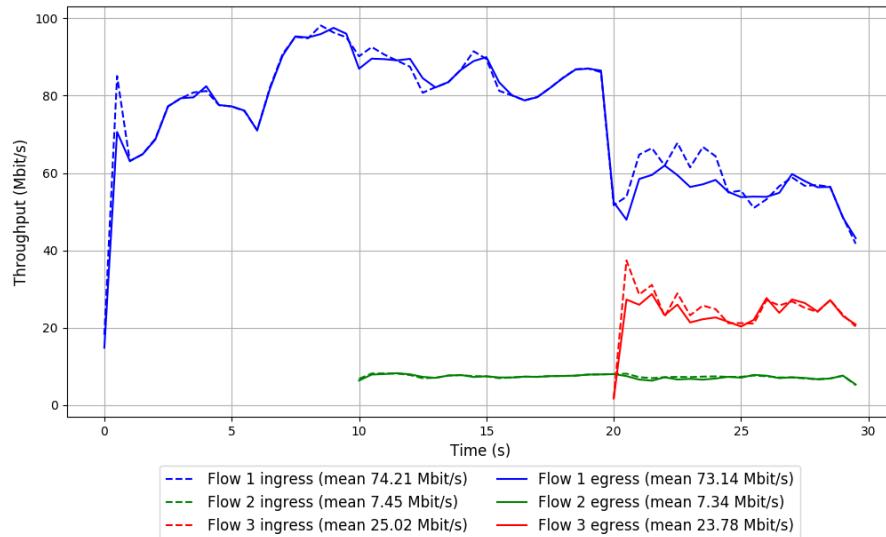


Run 8: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:58:14 +0000
End at: Tue, 01 Aug 2017 03:58:44 +0000
Local clock offset: -0.823 ms
Remote clock offset: -4.086 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.78 Mbit/s
95th percentile per-packet one-way delay: 40.373 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 73.14 Mbit/s
95th percentile per-packet one-way delay: 40.330 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 41.246 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 39.771 ms
Loss rate: 4.96%
```

Run 8: Report of PCC — Data Link

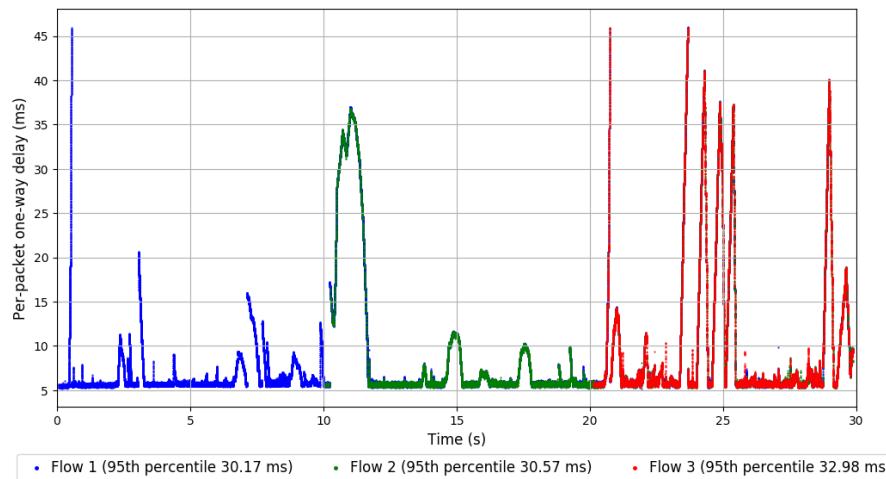
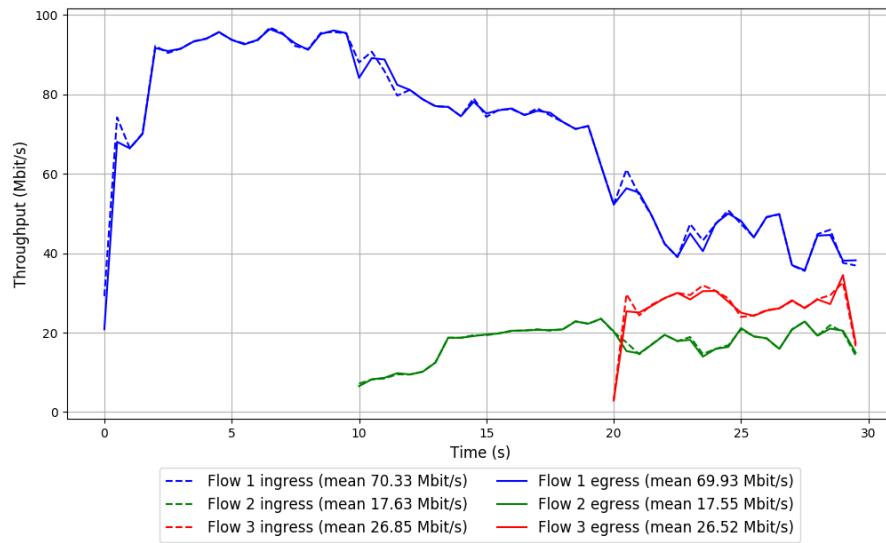


Run 9: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:18:53 +0000
End at: Tue, 01 Aug 2017 04:19:23 +0000
Local clock offset: -0.596 ms
Remote clock offset: -7.966 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.29 Mbit/s
95th percentile per-packet one-way delay: 30.754 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 69.93 Mbit/s
95th percentile per-packet one-way delay: 30.168 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 30.571 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 26.52 Mbit/s
95th percentile per-packet one-way delay: 32.979 ms
Loss rate: 1.17%
```

Run 9: Report of PCC — Data Link

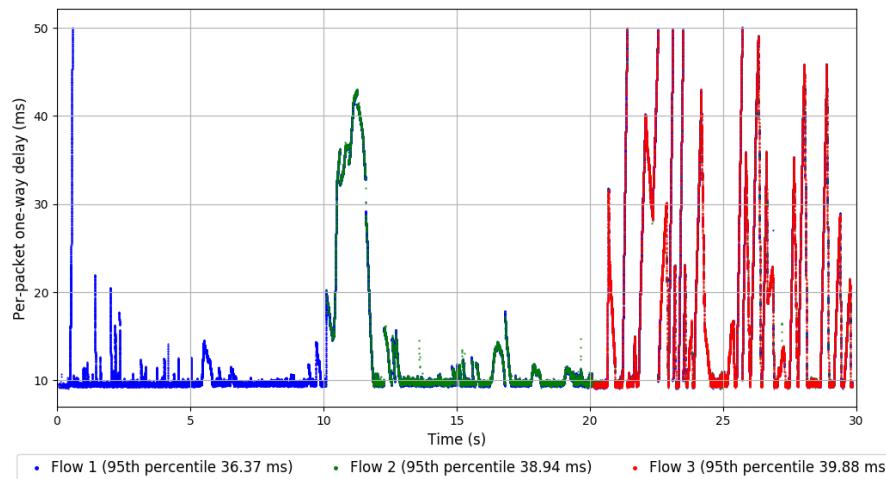
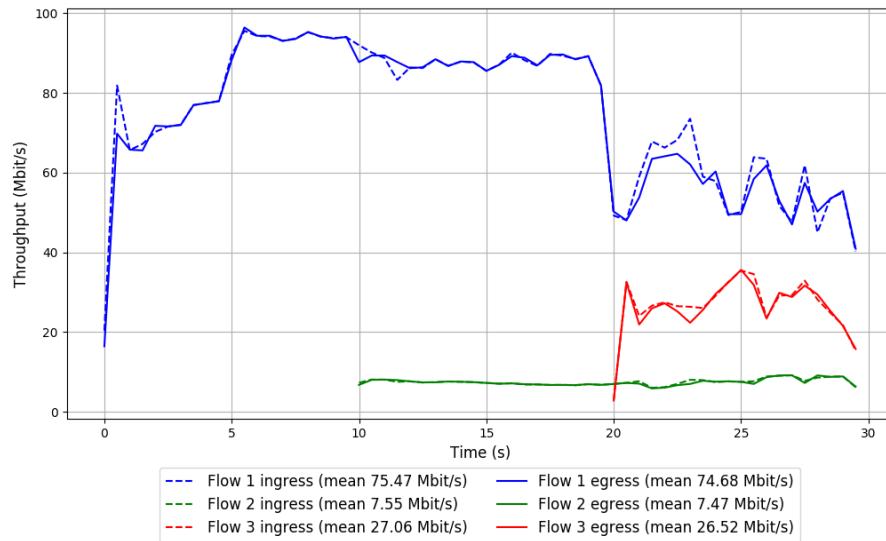


Run 10: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:37:49 +0000
End at: Tue, 01 Aug 2017 04:38:19 +0000
Local clock offset: 0.299 ms
Remote clock offset: -3.414 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 36.842 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 74.68 Mbit/s
95th percentile per-packet one-way delay: 36.373 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 7.47 Mbit/s
95th percentile per-packet one-way delay: 38.936 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 26.52 Mbit/s
95th percentile per-packet one-way delay: 39.881 ms
Loss rate: 2.03%
```

Run 10: Report of PCC — Data Link

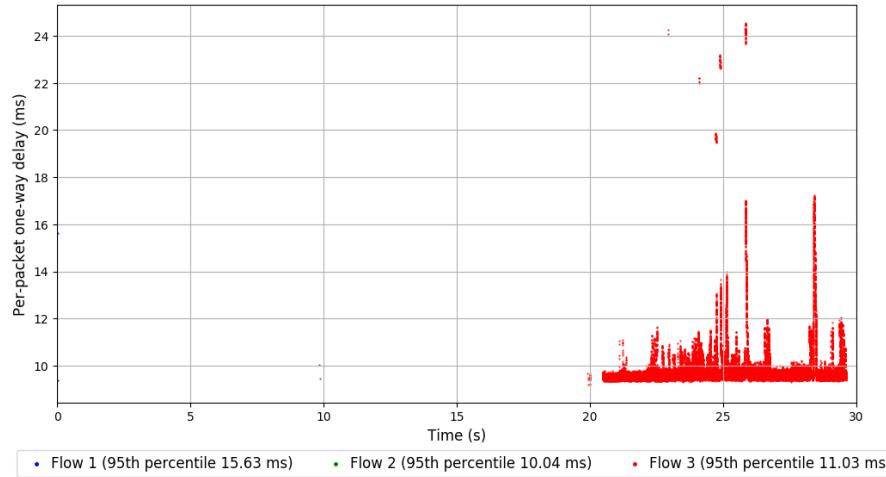
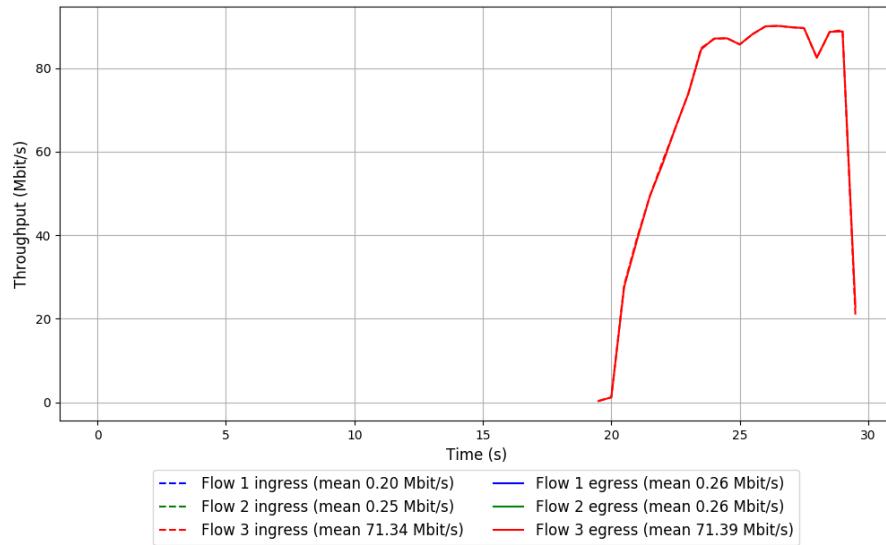


Run 1: Statistics of QUIC Cubic

```
Start at: Mon, 31 Jul 2017 23:41:25 +0000
End at: Mon, 31 Jul 2017 23:41:55 +0000
Local clock offset: 0.134 ms
Remote clock offset: -4.377 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 11.032 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 15.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 10.041 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.39 Mbit/s
95th percentile per-packet one-way delay: 11.031 ms
Loss rate: 0.00%
```

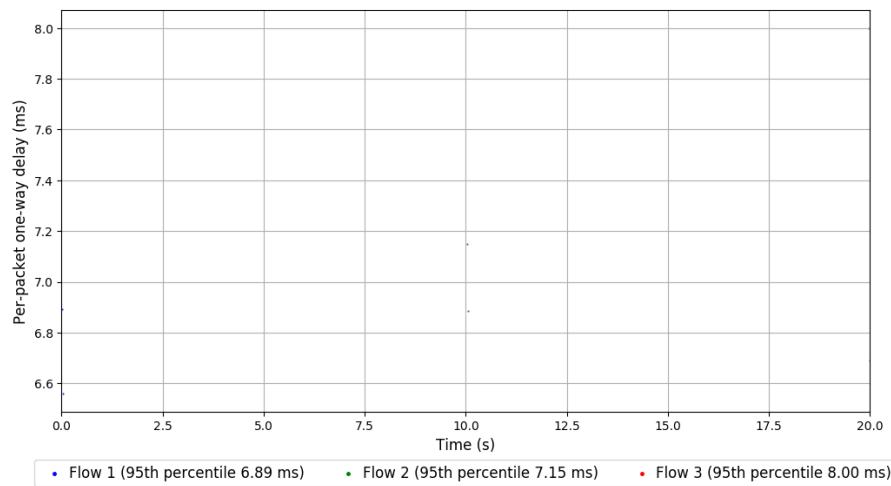
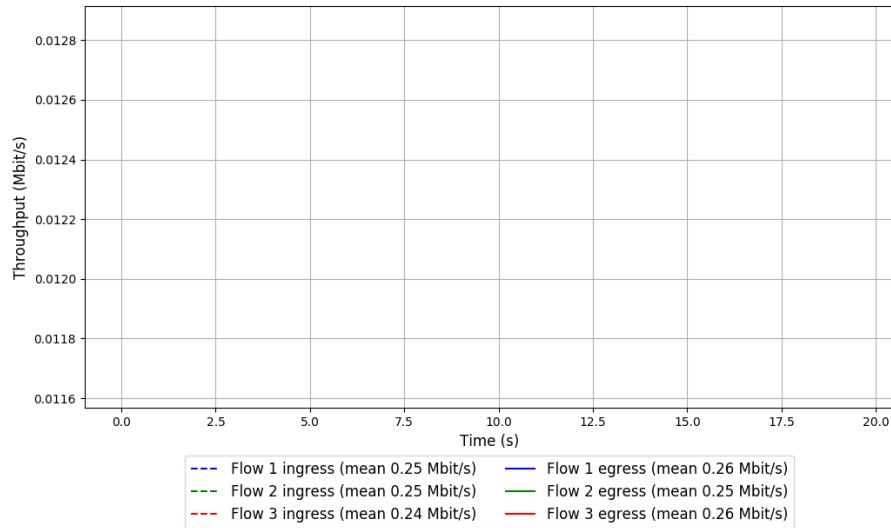
Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 23:59:29 +0000
End at: Mon, 31 Jul 2017 23:59:59 +0000
Local clock offset: 2.597 ms
Remote clock offset: -4.061 ms

Run 2: Report of QUIC Cubic — Data Link

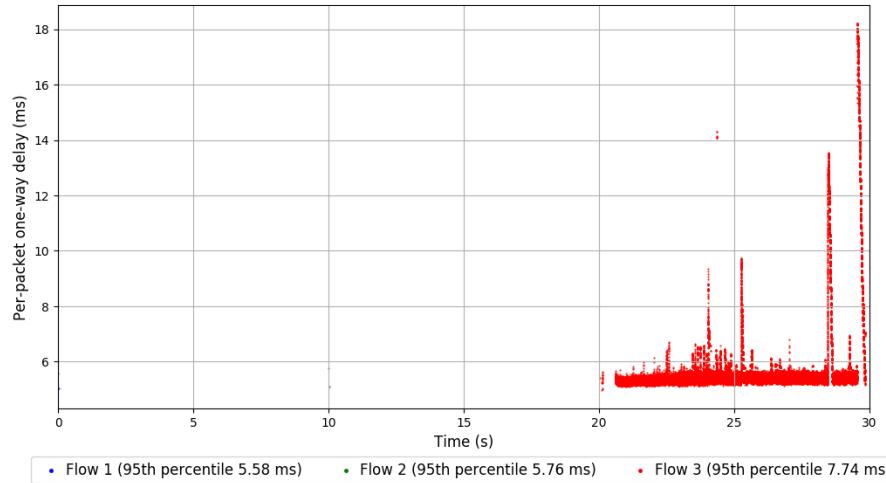
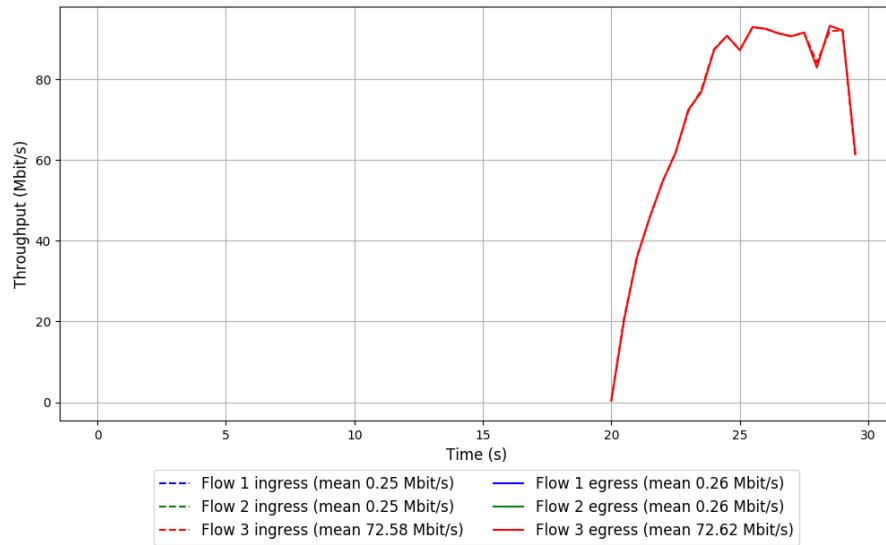


Run 3: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 00:19:00 +0000
End at: Tue, 01 Aug 2017 00:19:30 +0000
Local clock offset: 3.837 ms
Remote clock offset: -4.317 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 7.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 5.579 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 5.764 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 72.62 Mbit/s
95th percentile per-packet one-way delay: 7.739 ms
Loss rate: 0.00%
```

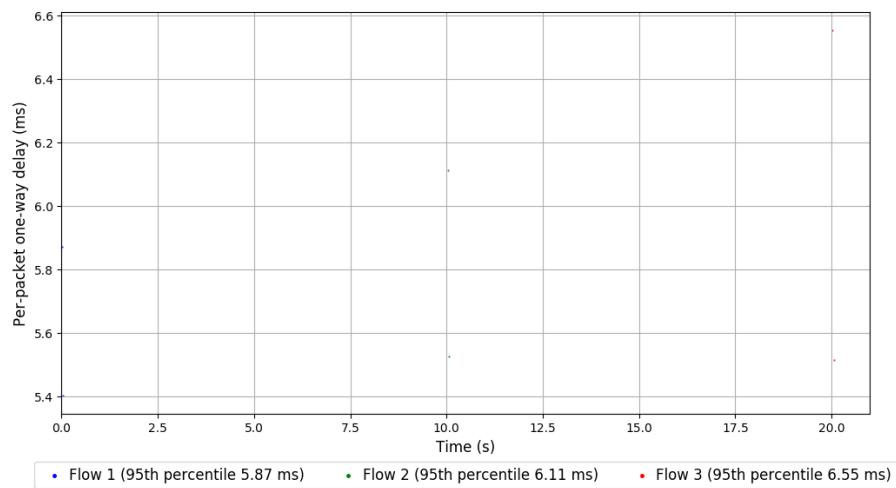
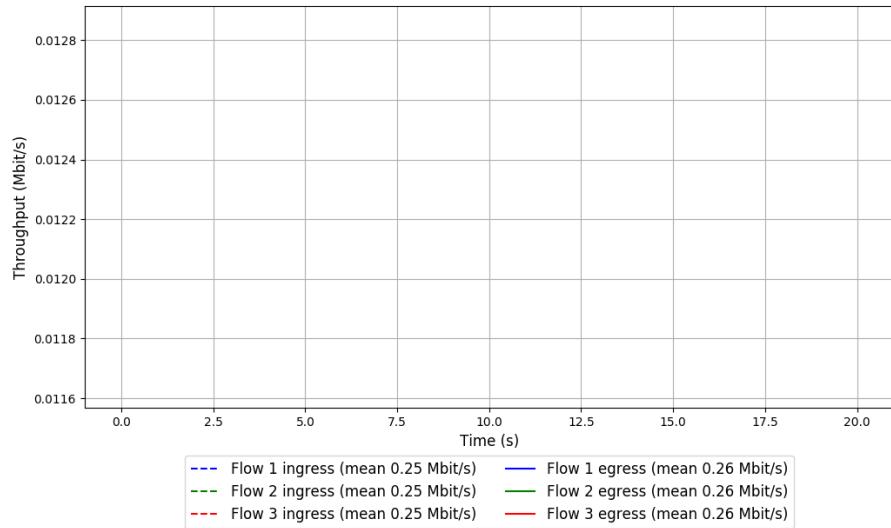
Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 01:07:55 +0000
End at: Tue, 01 Aug 2017 01:08:25 +0000
Local clock offset: 2.43 ms
Remote clock offset: -5.063 ms

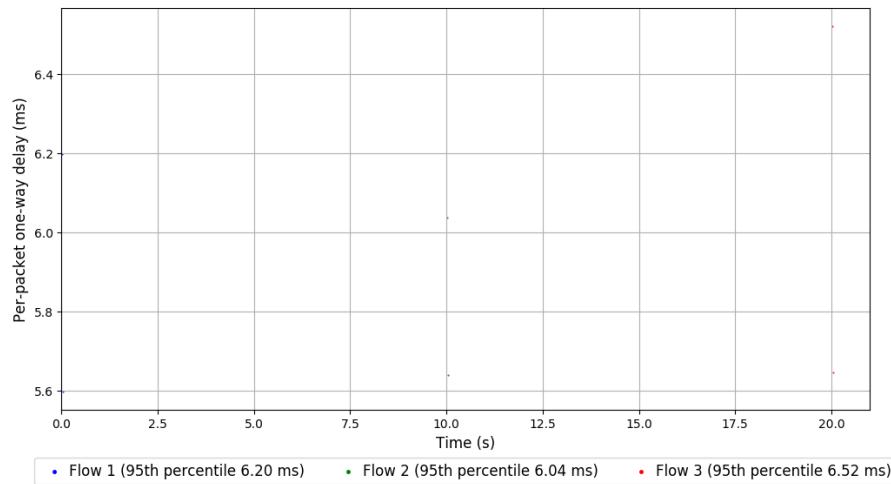
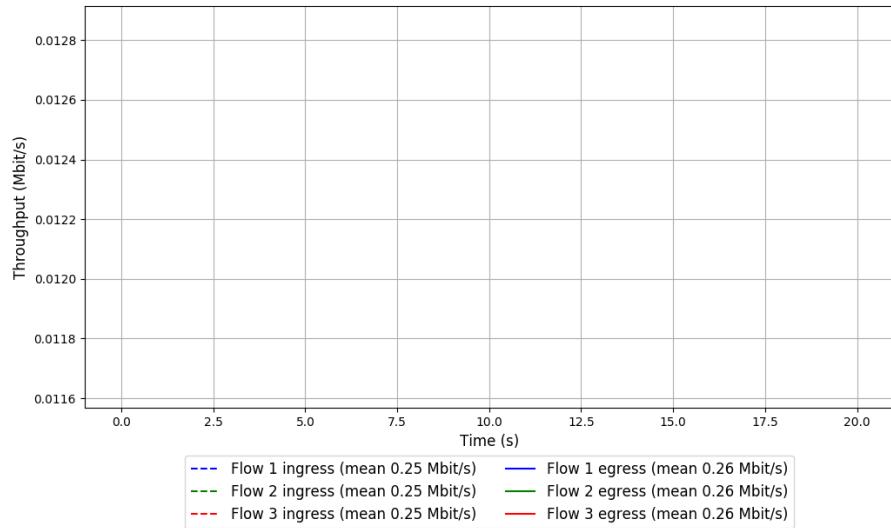
Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 01:27:10 +0000
End at: Tue, 01 Aug 2017 01:27:40 +0000
Local clock offset: 2.346 ms
Remote clock offset: -5.0 ms

Run 5: Report of QUIC Cubic — Data Link

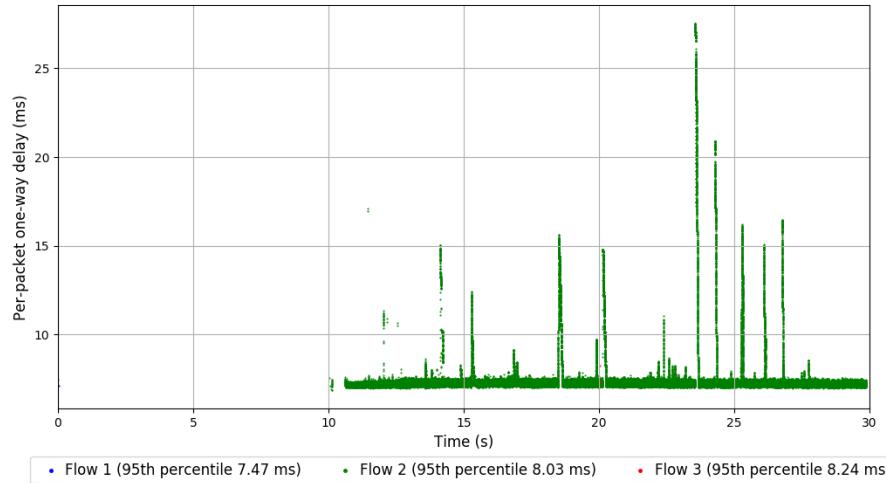
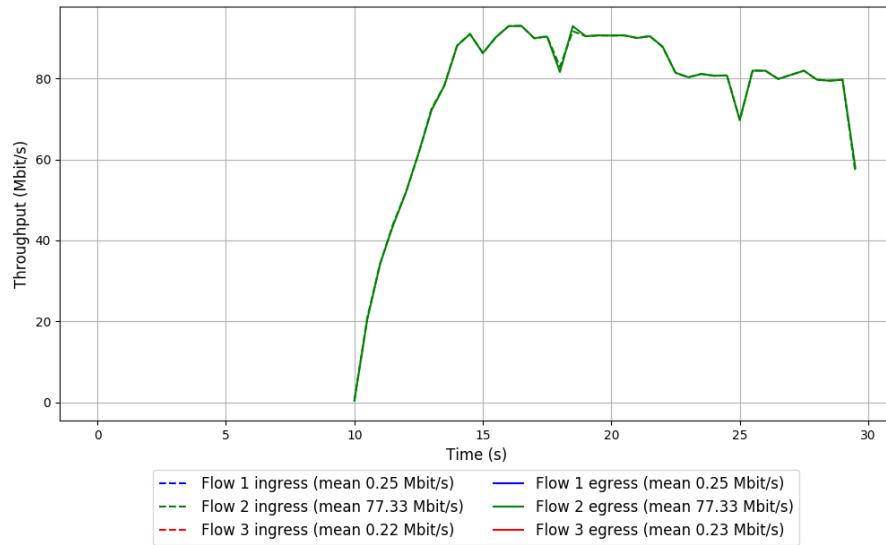


Run 6: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 02:05:06 +0000
End at: Tue, 01 Aug 2017 02:05:36 +0000
Local clock offset: 0.653 ms
Remote clock offset: -4.229 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 8.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 7.467 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 8.026 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 8.240 ms
Loss rate: 0.00%
```

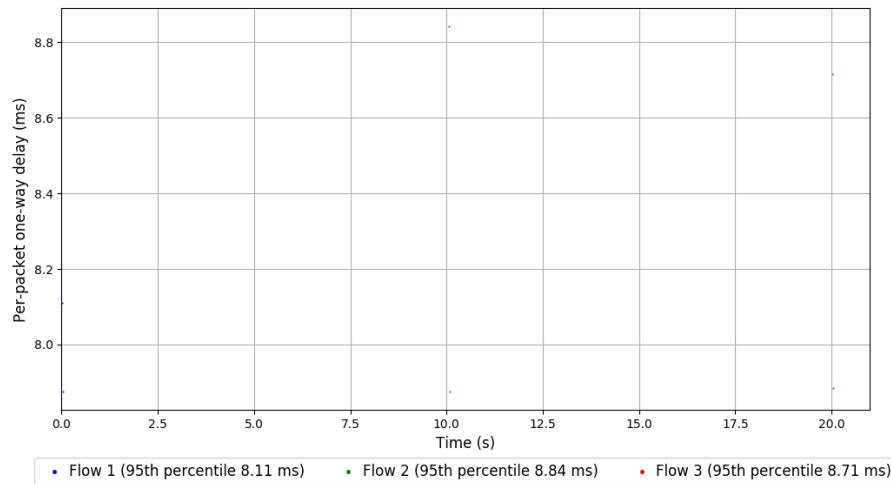
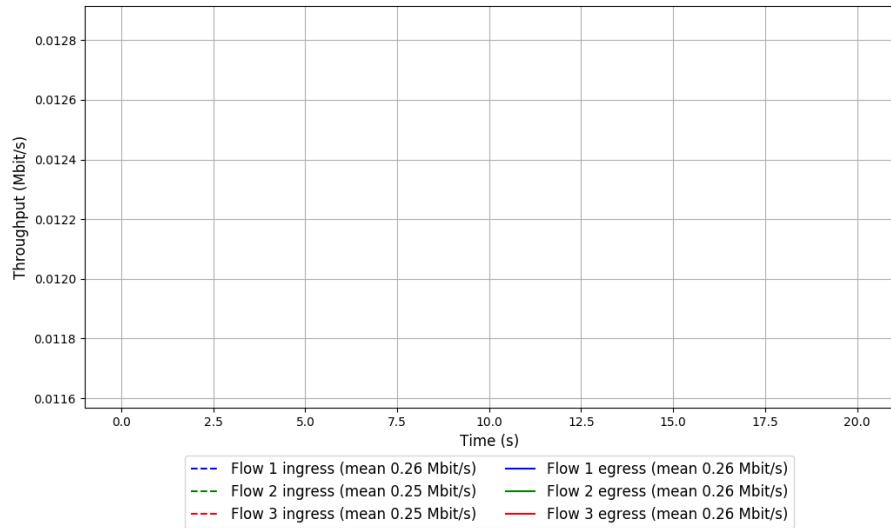
Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 02:55:51 +0000
End at: Tue, 01 Aug 2017 02:56:21 +0000
Local clock offset: 0.39 ms
Remote clock offset: -3.507 ms

Run 7: Report of QUIC Cubic — Data Link

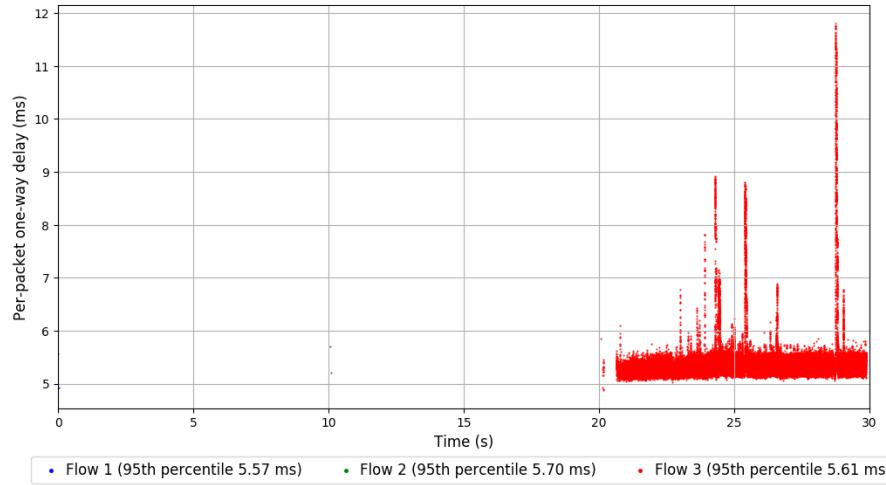
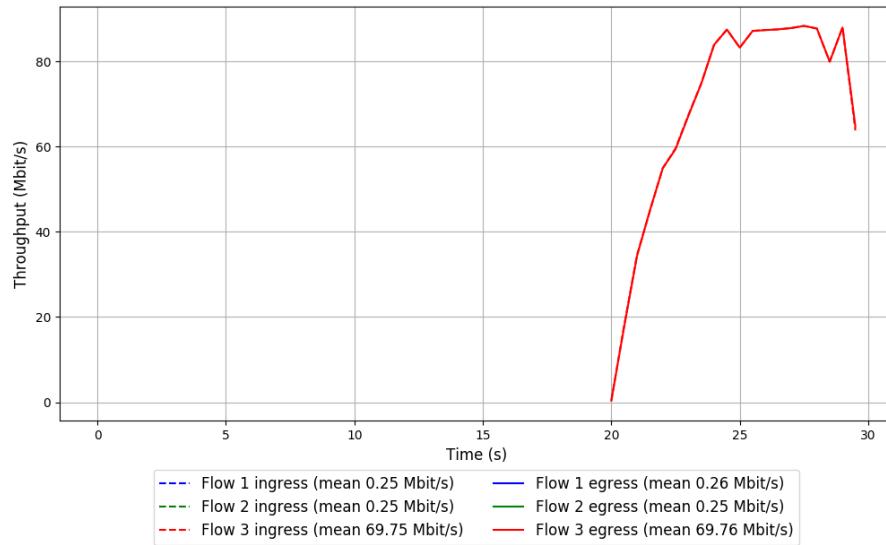


Run 8: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 03:38:17 +0000
End at: Tue, 01 Aug 2017 03:38:47 +0000
Local clock offset: 1.699 ms
Remote clock offset: -5.386 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.88 Mbit/s
95th percentile per-packet one-way delay: 5.610 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 5.574 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 5.703 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.76 Mbit/s
95th percentile per-packet one-way delay: 5.610 ms
Loss rate: 0.00%
```

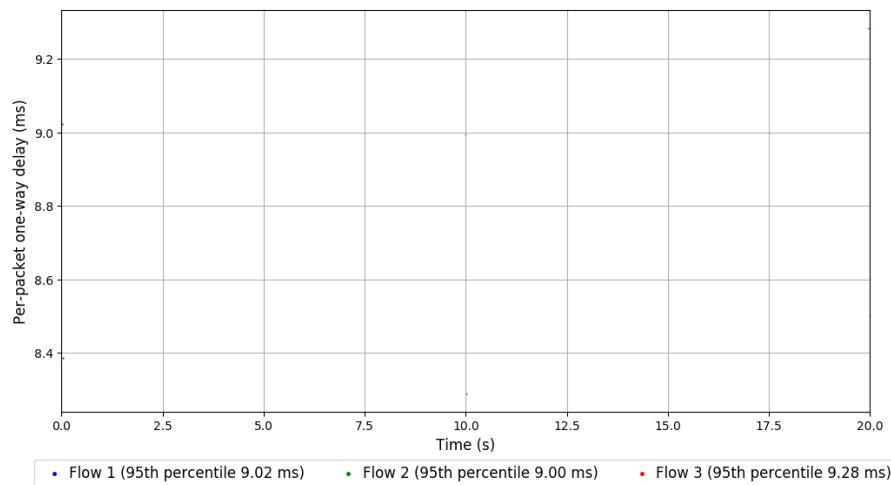
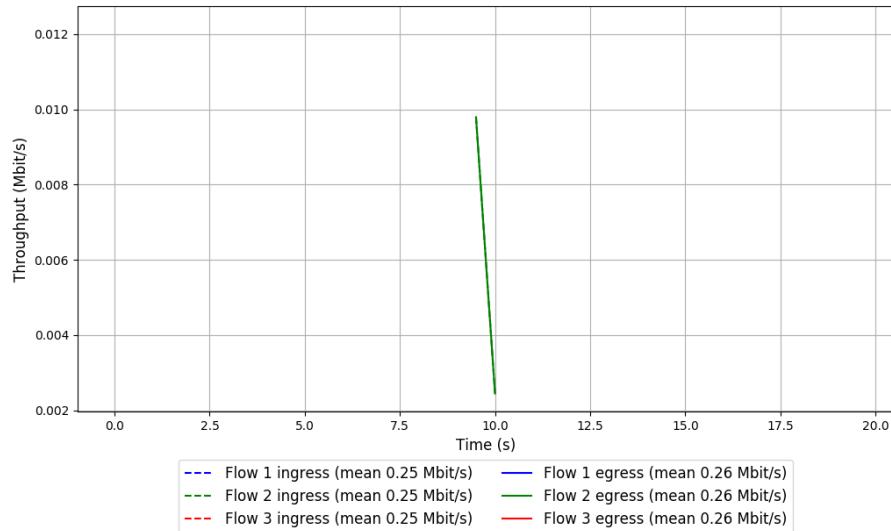
Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 04:11:45 +0000
End at: Tue, 01 Aug 2017 04:12:15 +0000
Local clock offset: 2.156 ms
Remote clock offset: -2.091 ms

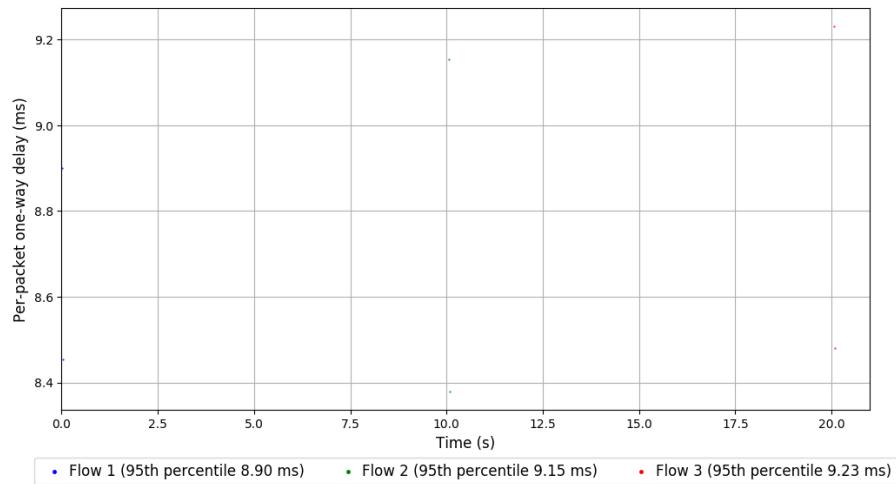
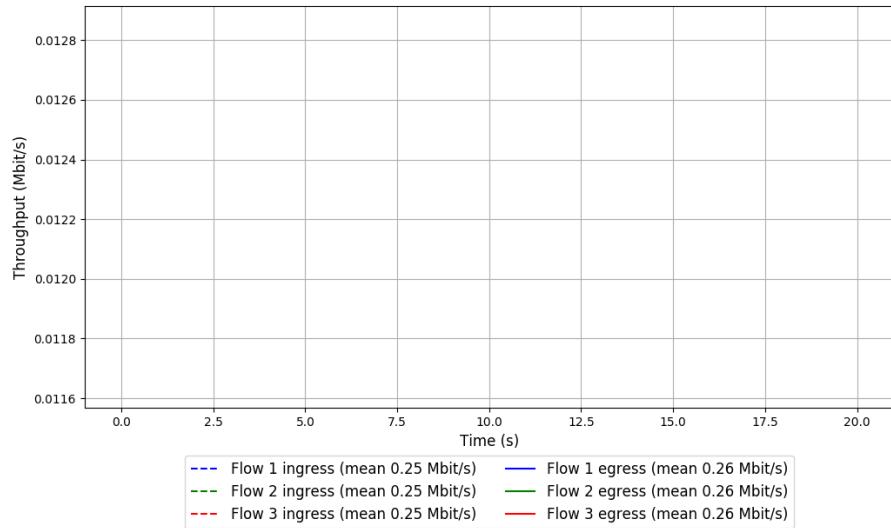
Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 04:30:09 +0000
End at: Tue, 01 Aug 2017 04:30:39 +0000
Local clock offset: 2.401 ms
Remote clock offset: -2.071 ms

Run 10: Report of QUIC Cubic — Data Link

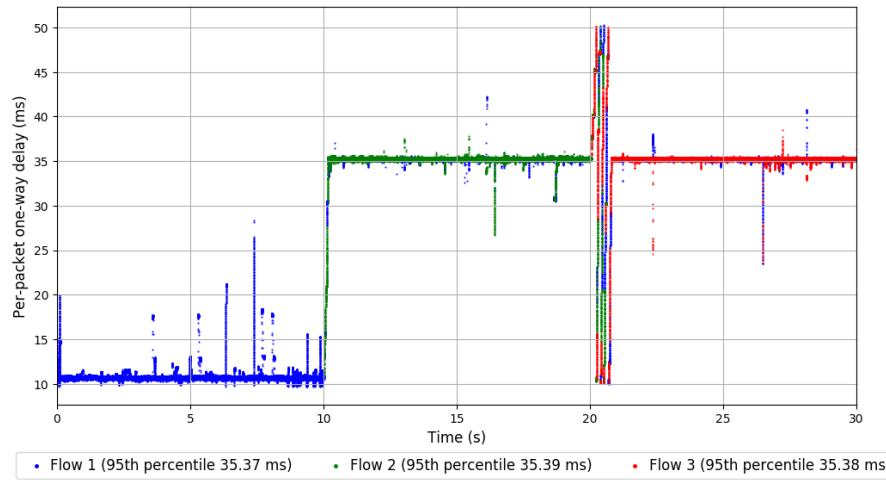
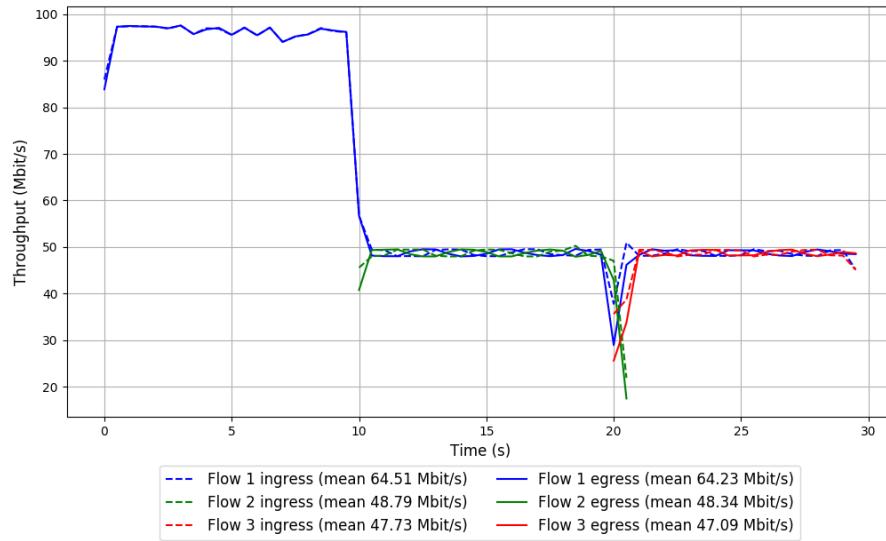


Run 1: Statistics of Saturator

```
Start at: Mon, 31 Jul 2017 23:36:23 +0000
End at: Mon, 31 Jul 2017 23:36:53 +0000
Local clock offset: -0.561 ms
Remote clock offset: -4.826 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 35.374 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 64.23 Mbit/s
95th percentile per-packet one-way delay: 35.368 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 35.393 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 35.381 ms
Loss rate: 1.34%
```

Run 1: Report of Saturator — Data Link

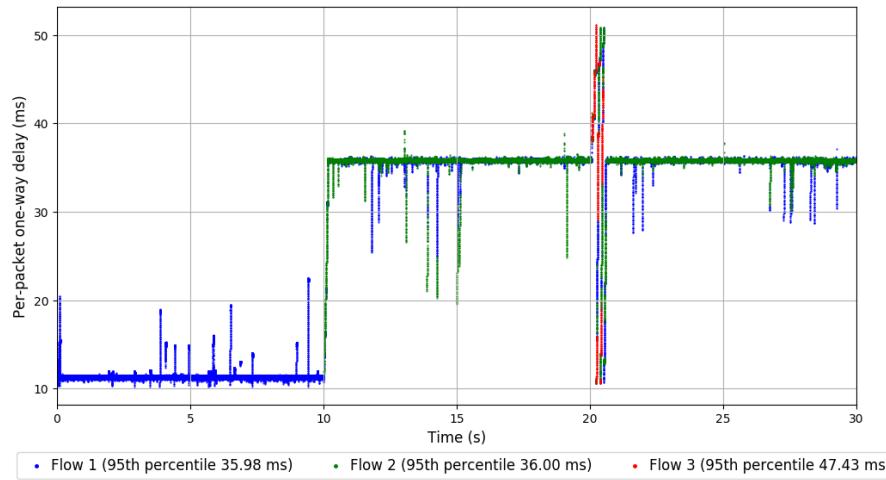
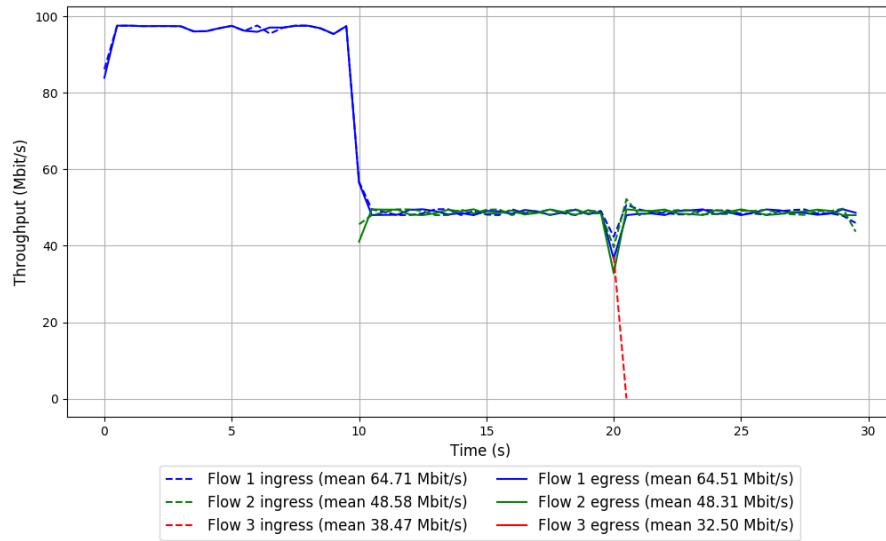


Run 2: Statistics of Saturator

```
Start at: Mon, 31 Jul 2017 23:54:33 +0000
End at: Mon, 31 Jul 2017 23:55:03 +0000
Local clock offset: -0.664 ms
Remote clock offset: -3.879 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 35.991 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 64.51 Mbit/s
95th percentile per-packet one-way delay: 35.985 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 35.996 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 47.426 ms
Loss rate: 24.47%
```

Run 2: Report of Saturator — Data Link

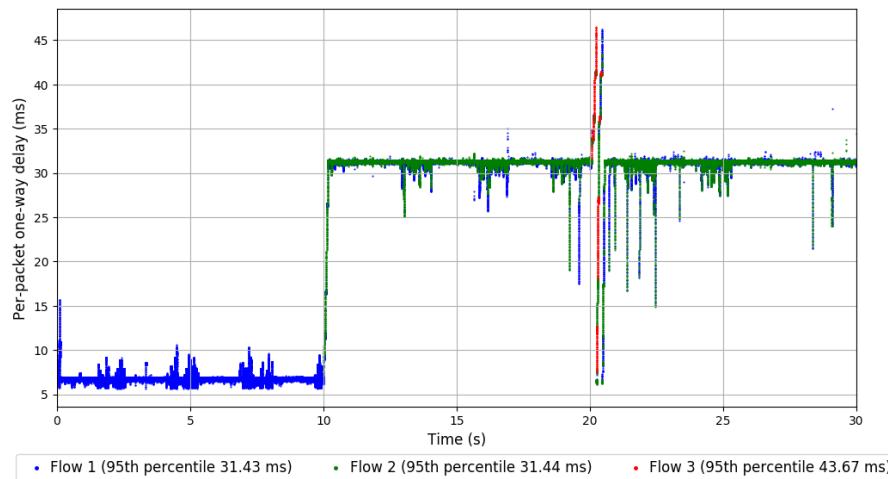
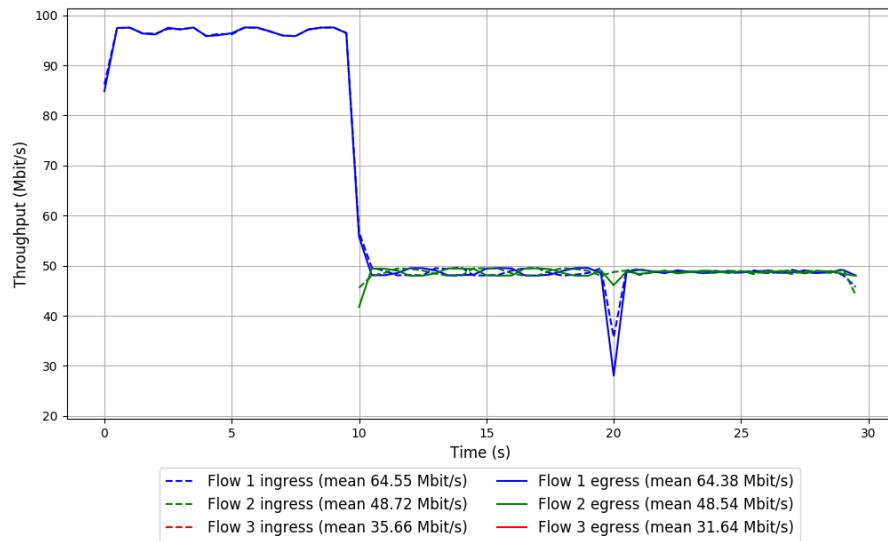


Run 3: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 00:13:14 +0000
End at: Tue, 01 Aug 2017 00:13:44 +0000
Local clock offset: 3.654 ms
Remote clock offset: -4.049 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 31.433 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 64.38 Mbit/s
95th percentile per-packet one-way delay: 31.426 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 31.440 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 43.668 ms
Loss rate: 21.85%
```

Run 3: Report of Saturator — Data Link

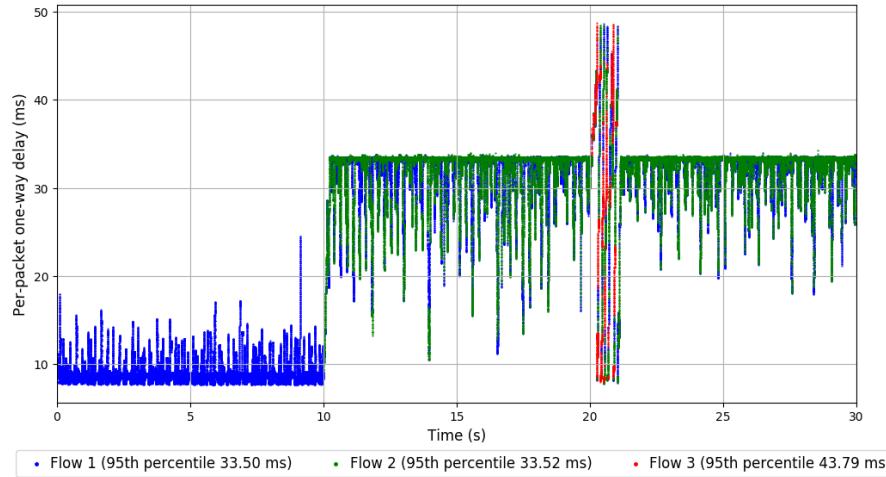
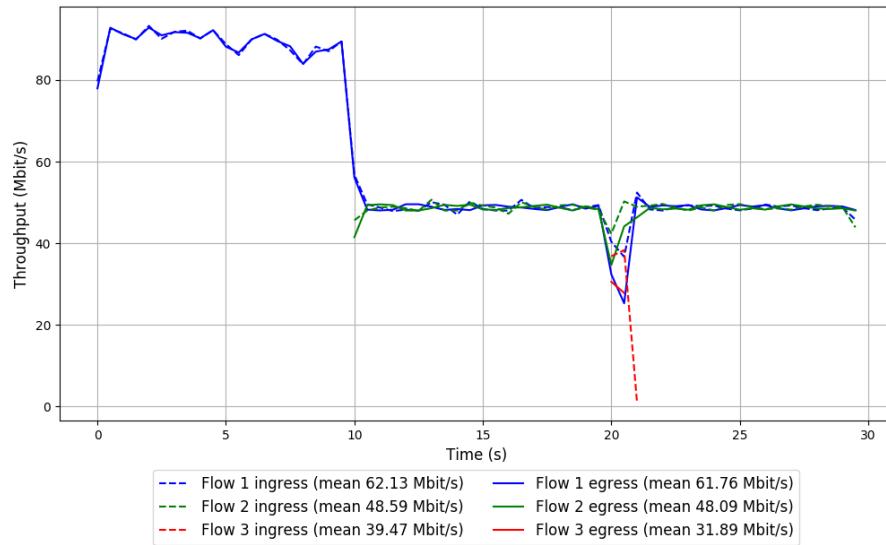


Run 4: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 00:47:00 +0000
End at: Tue, 01 Aug 2017 00:47:30 +0000
Local clock offset: 1.812 ms
Remote clock offset: -3.534 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:28:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 33.512 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 61.76 Mbit/s
95th percentile per-packet one-way delay: 33.503 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 48.09 Mbit/s
95th percentile per-packet one-way delay: 33.520 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 43.793 ms
Loss rate: 23.34%
```

Run 4: Report of Saturator — Data Link

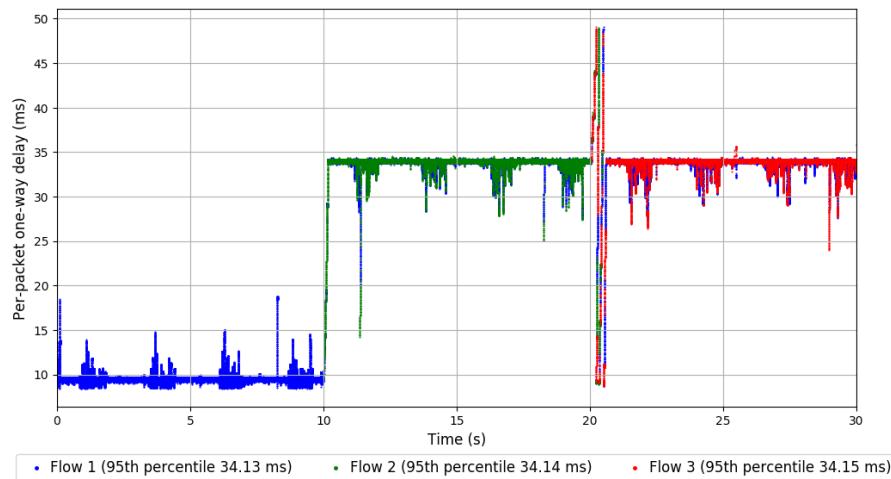
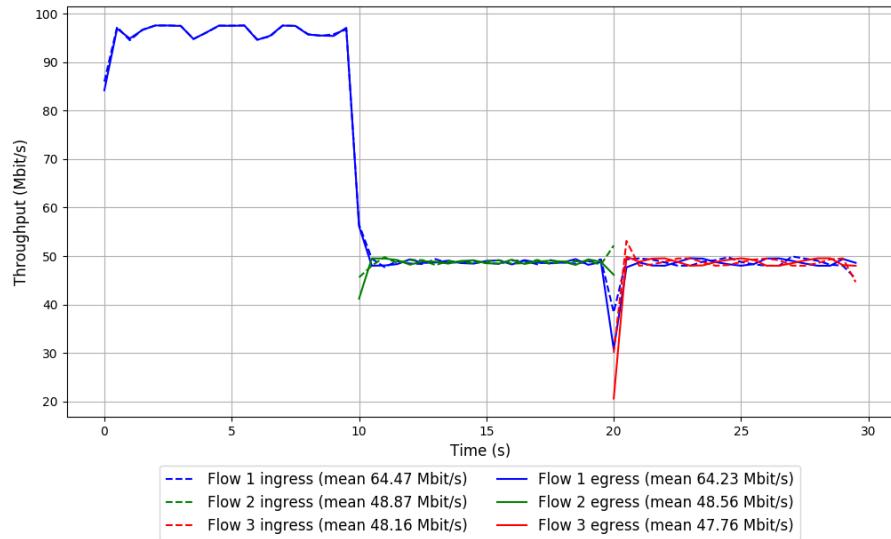


Run 5: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 01:21:26 +0000
End at: Tue, 01 Aug 2017 01:21:56 +0000
Local clock offset: 0.326 ms
Remote clock offset: -4.434 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 34.136 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 64.23 Mbit/s
95th percentile per-packet one-way delay: 34.127 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 34.143 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 47.76 Mbit/s
95th percentile per-packet one-way delay: 34.148 ms
Loss rate: 0.85%
```

Run 5: Report of Saturator — Data Link

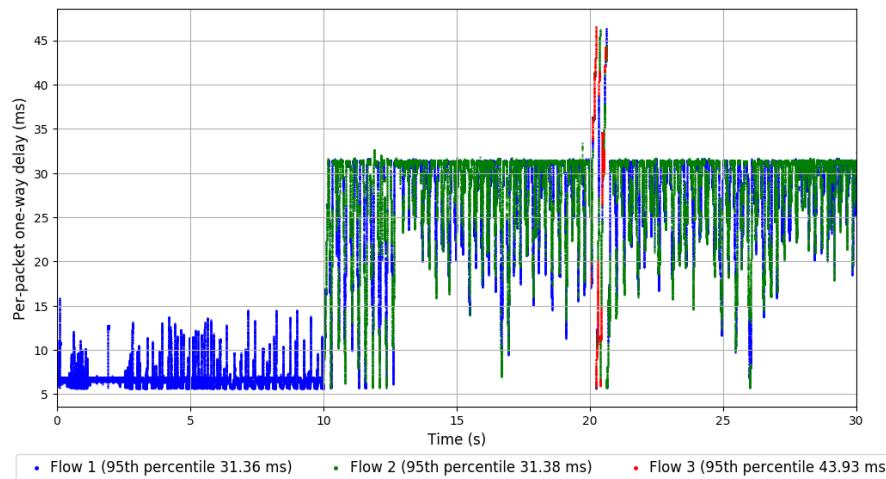
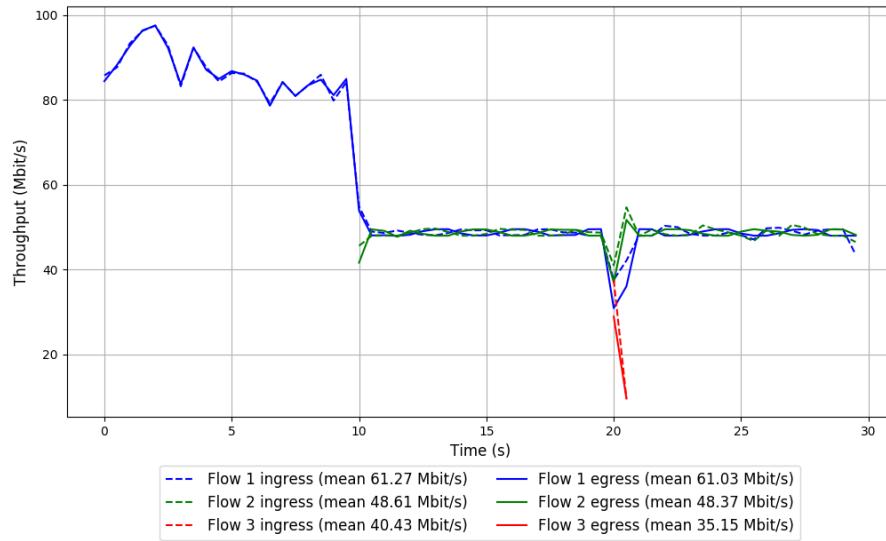


Run 6: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 01:51:48 +0000
End at: Tue, 01 Aug 2017 01:52:18 +0000
Local clock offset: 2.522 ms
Remote clock offset: -4.077 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.86 Mbit/s
95th percentile per-packet one-way delay: 31.370 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 61.03 Mbit/s
95th percentile per-packet one-way delay: 31.361 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 31.378 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 35.15 Mbit/s
95th percentile per-packet one-way delay: 43.933 ms
Loss rate: 18.36%
```

Run 6: Report of Saturator — Data Link

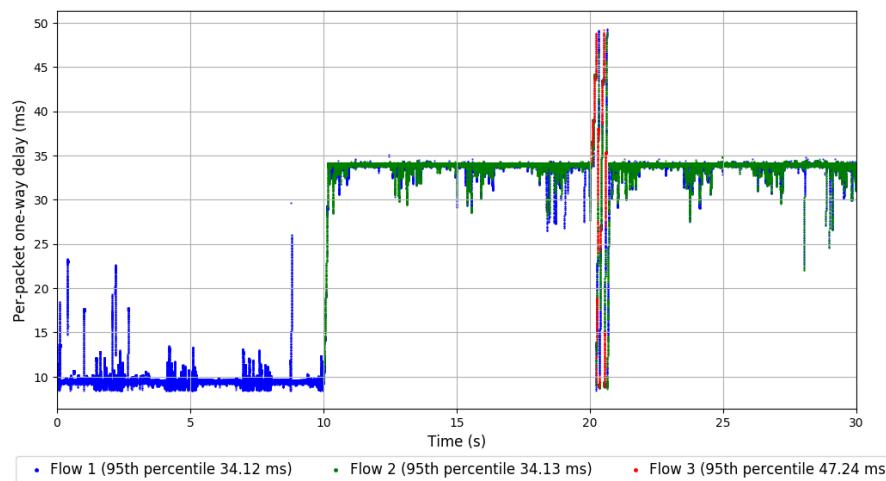
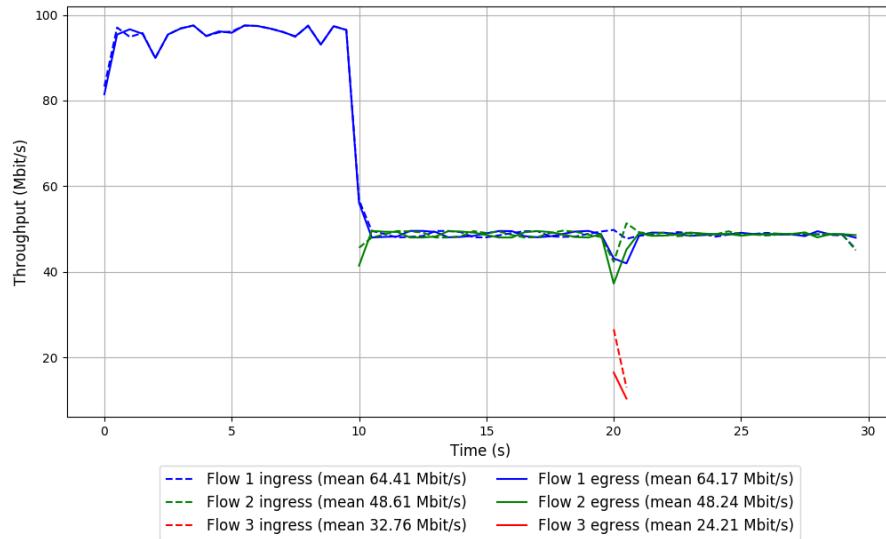


Run 7: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 02:26:42 +0000
End at: Tue, 01 Aug 2017 02:27:12 +0000
Local clock offset: -0.791 ms
Remote clock offset: -3.857 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 34.124 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 64.17 Mbit/s
95th percentile per-packet one-way delay: 34.115 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 34.133 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 47.244 ms
Loss rate: 32.14%
```

Run 7: Report of Saturator — Data Link

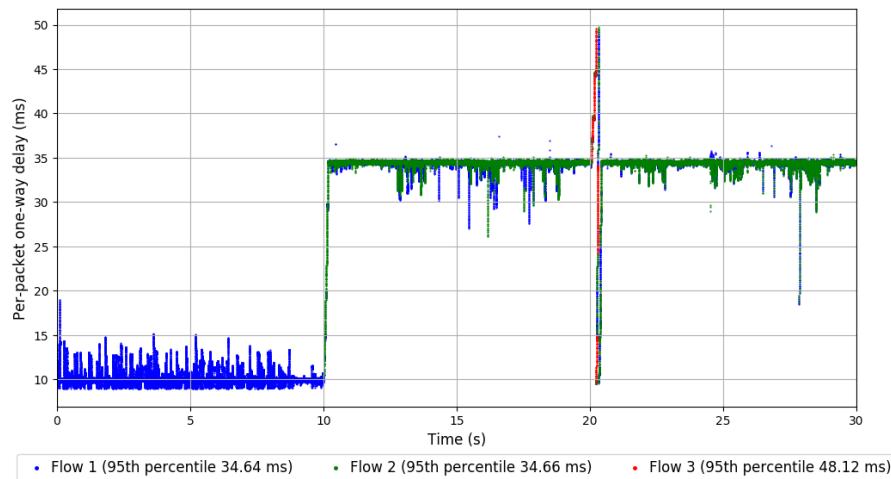
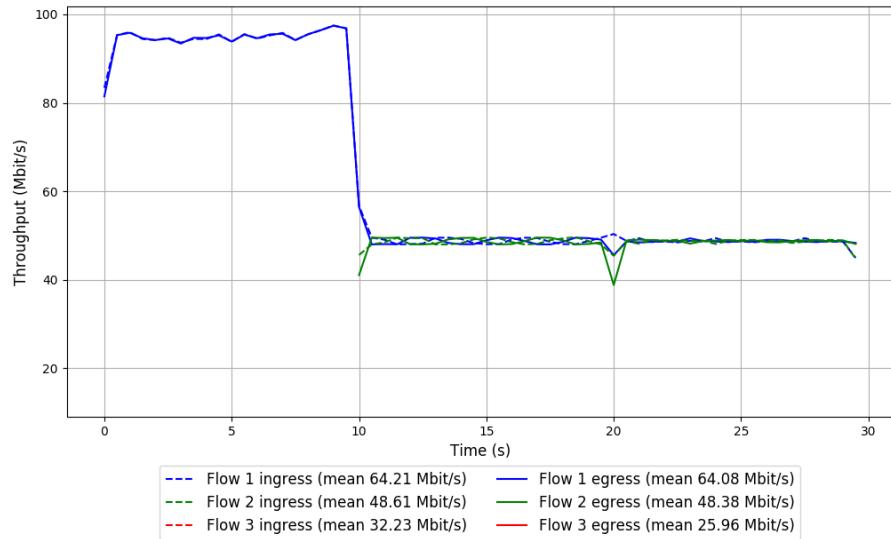


Run 8: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 03:32:44 +0000
End at: Tue, 01 Aug 2017 03:33:14 +0000
Local clock offset: -1.581 ms
Remote clock offset: -4.839 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 34.649 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 34.643 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 34.656 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 25.96 Mbit/s
95th percentile per-packet one-way delay: 48.118 ms
Loss rate: 33.50%
```

Run 8: Report of Saturator — Data Link

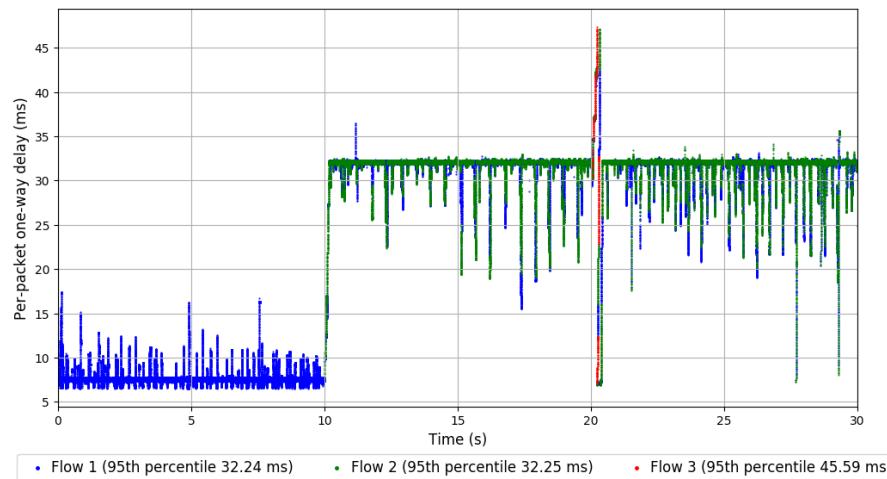
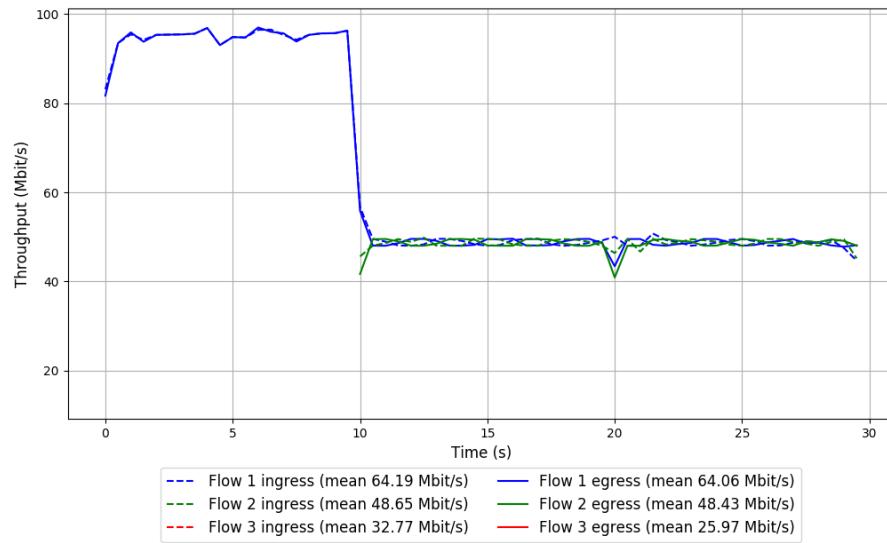


Run 9: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 04:06:07 +0000
End at: Tue, 01 Aug 2017 04:06:37 +0000
Local clock offset: 2.524 ms
Remote clock offset: -3.572 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 32.241 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 64.06 Mbit/s
95th percentile per-packet one-way delay: 32.237 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 32.246 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 25.97 Mbit/s
95th percentile per-packet one-way delay: 45.586 ms
Loss rate: 33.17%
```

Run 9: Report of Saturator — Data Link

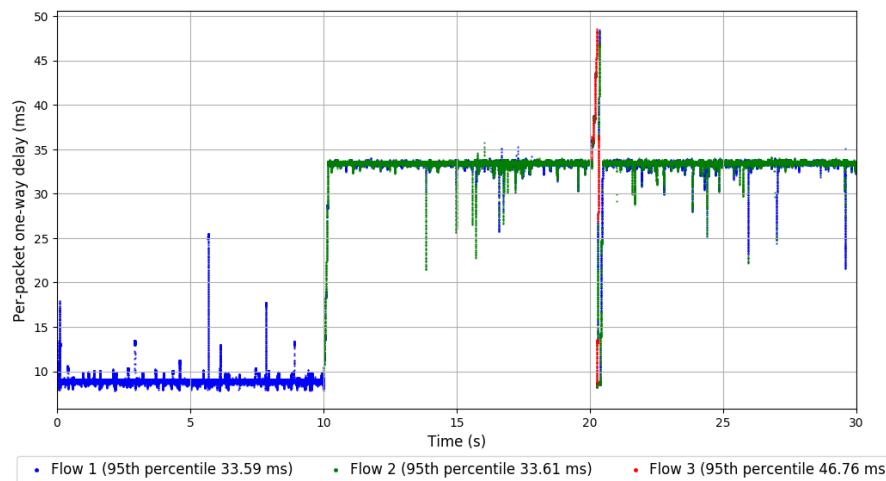
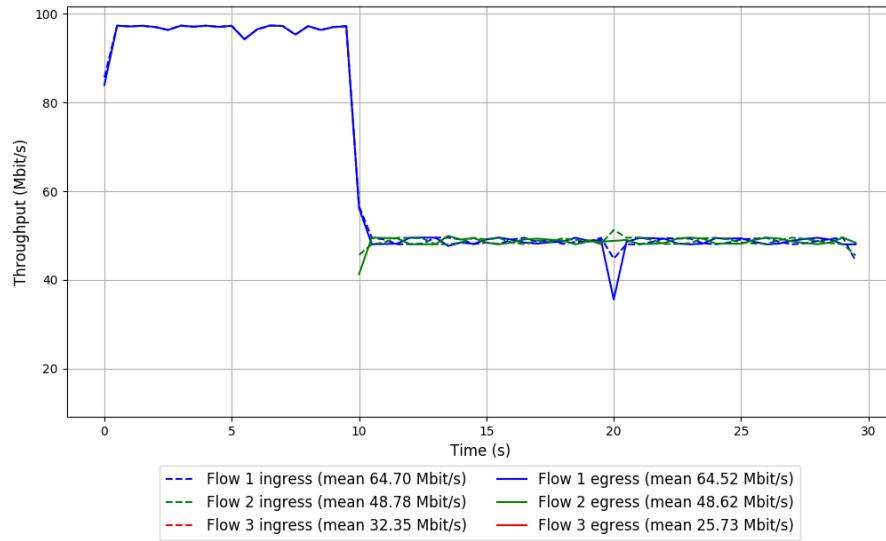


Run 10: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 04:24:44 +0000
End at: Tue, 01 Aug 2017 04:25:14 +0000
Local clock offset: 2.173 ms
Remote clock offset: -2.787 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 33.596 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 64.52 Mbit/s
95th percentile per-packet one-way delay: 33.589 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 48.62 Mbit/s
95th percentile per-packet one-way delay: 33.606 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 25.73 Mbit/s
95th percentile per-packet one-way delay: 46.756 ms
Loss rate: 33.33%
```

Run 10: Report of Saturator — Data Link

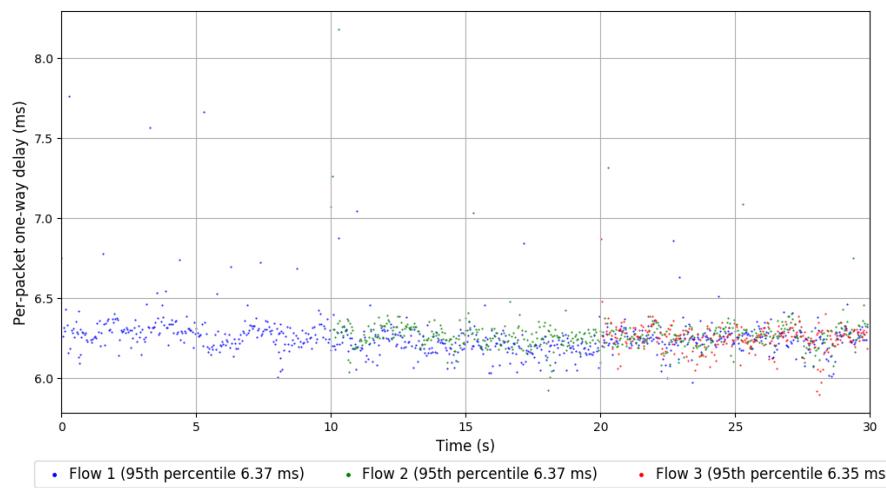
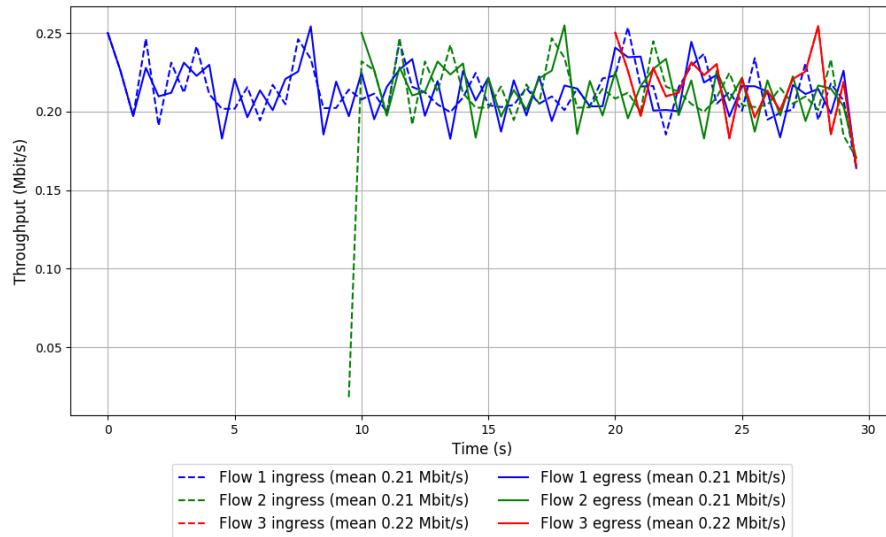


Run 1: Statistics of SCReAM

```
Start at: Mon, 31 Jul 2017 23:52:18 +0000
End at: Mon, 31 Jul 2017 23:52:48 +0000
Local clock offset: 3.293 ms
Remote clock offset: -4.178 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 6.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.374 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.366 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 6.348 ms
Loss rate: 0.00%
```

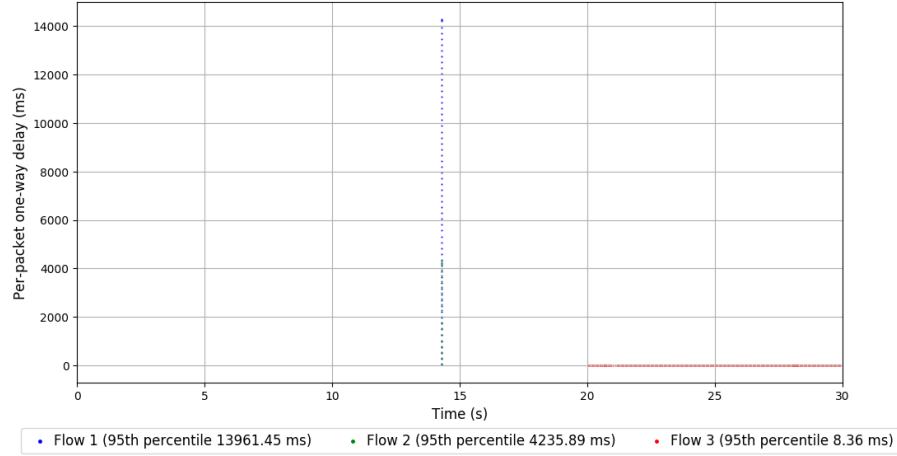
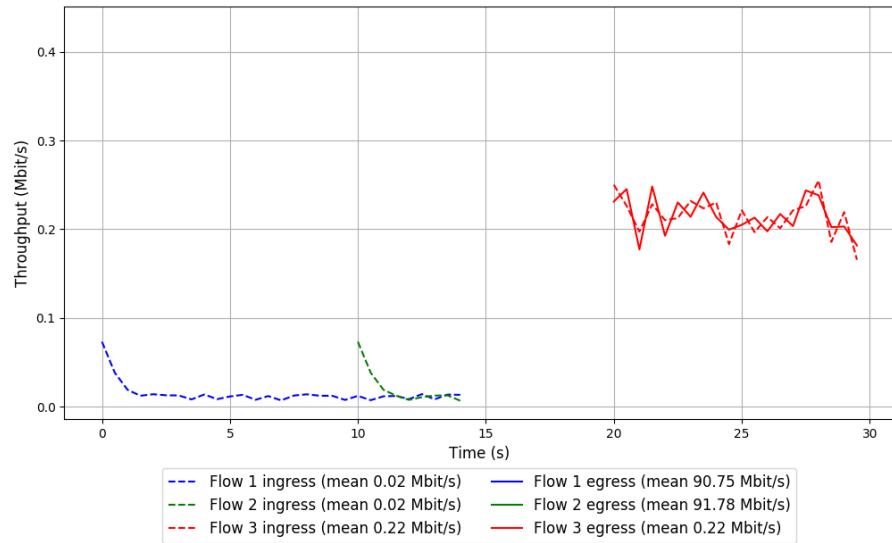
Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 00:10:55 +0000
End at: Tue, 01 Aug 2017 00:11:25 +0000
Local clock offset: 1.774 ms
Remote clock offset: -3.596 ms

Run 2: Report of SCReAM — Data Link

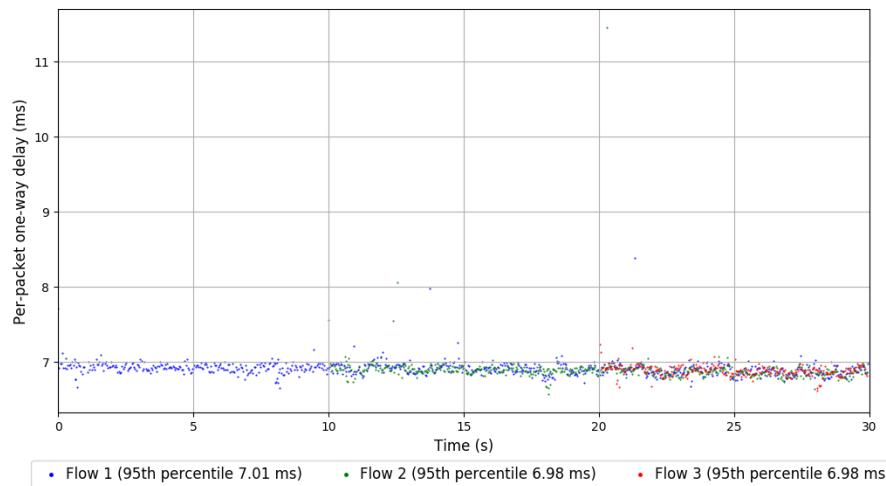
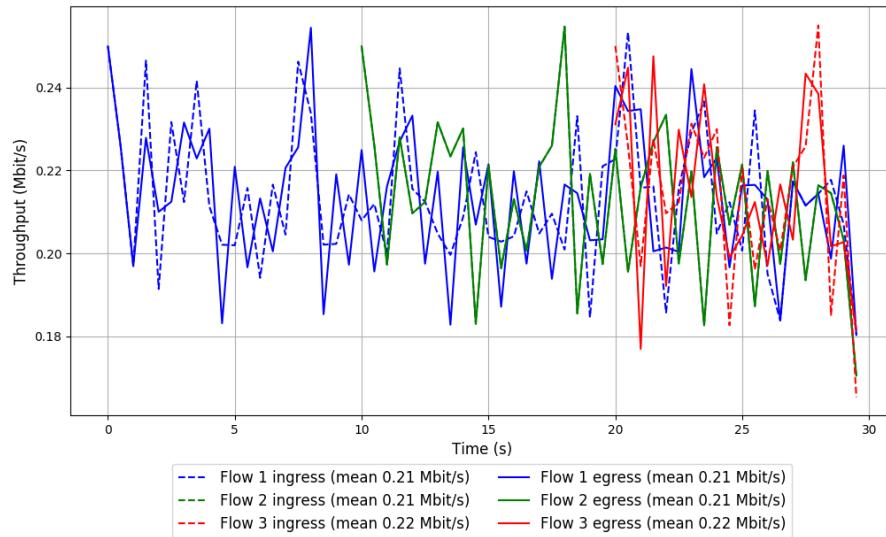


Run 3: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 00:42:19 +0000
End at: Tue, 01 Aug 2017 00:42:49 +0000
Local clock offset: 2.38 ms
Remote clock offset: -4.094 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 6.999 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.007 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 6.984 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

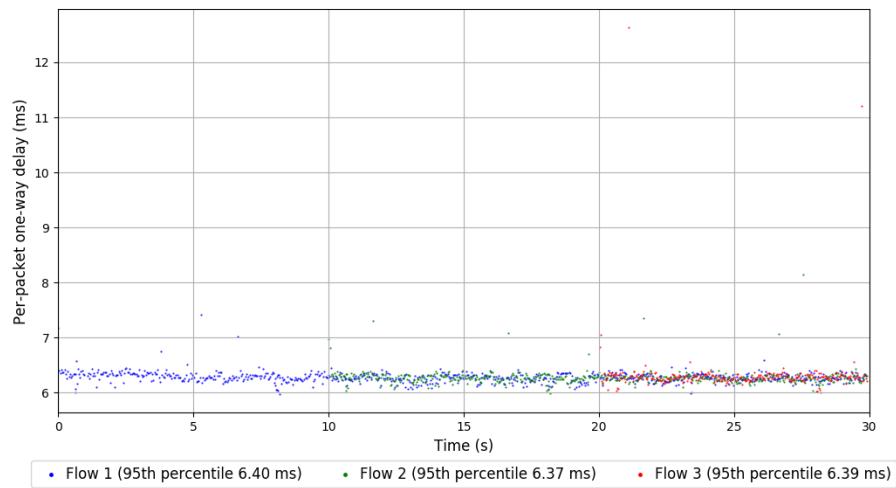
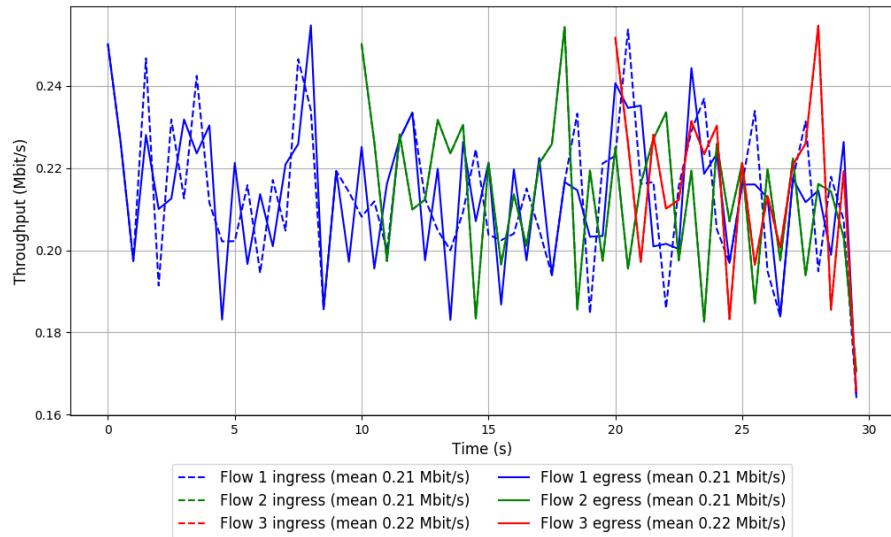


Run 4: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 01:19:03 +0000
End at: Tue, 01 Aug 2017 01:19:33 +0000
Local clock offset: 2.781 ms
Remote clock offset: -4.311 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 6.389 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.398 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.369 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 6.389 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

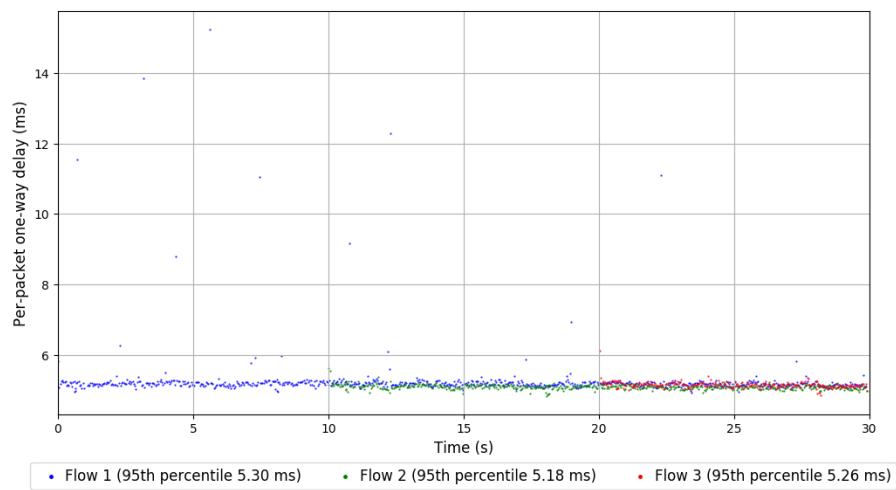
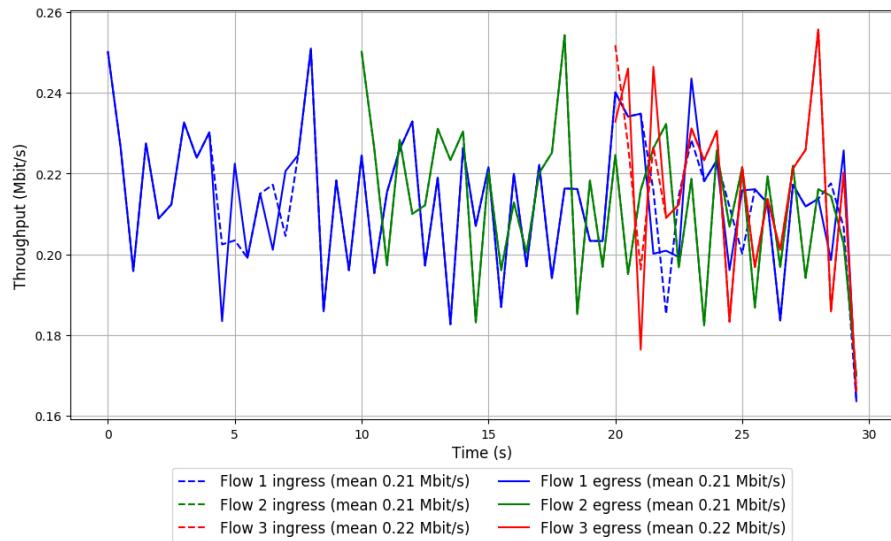


Run 5: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 01:48:50 +0000
End at: Tue, 01 Aug 2017 01:49:20 +0000
Local clock offset: 2.393 ms
Remote clock offset: -4.975 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 5.274 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 5.304 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 5.182 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 5.262 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

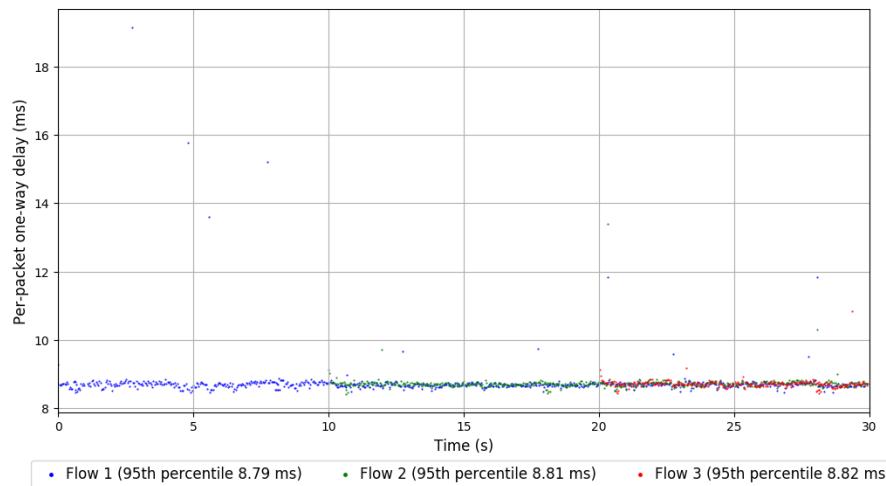
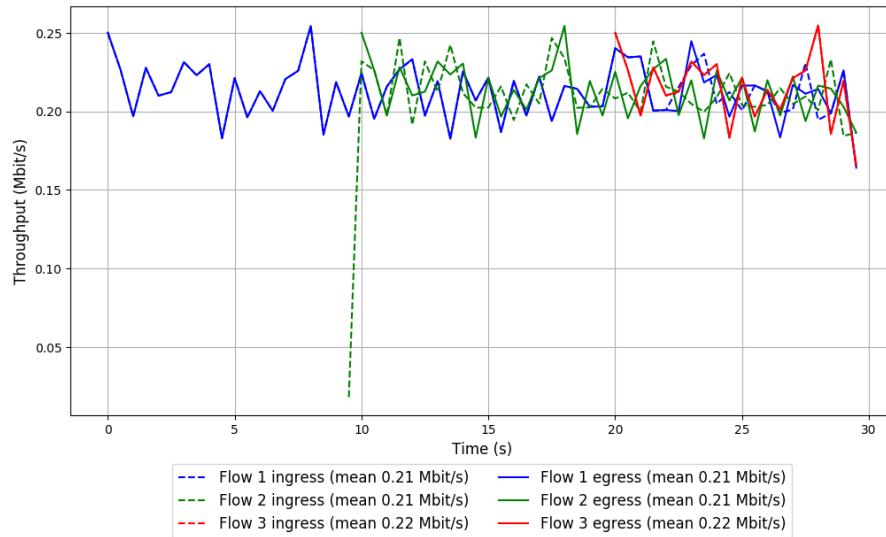


Run 6: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 02:24:15 +0000
End at: Tue, 01 Aug 2017 02:24:45 +0000
Local clock offset: -0.504 ms
Remote clock offset: -3.428 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 8.810 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 8.794 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 8.814 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 8.819 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

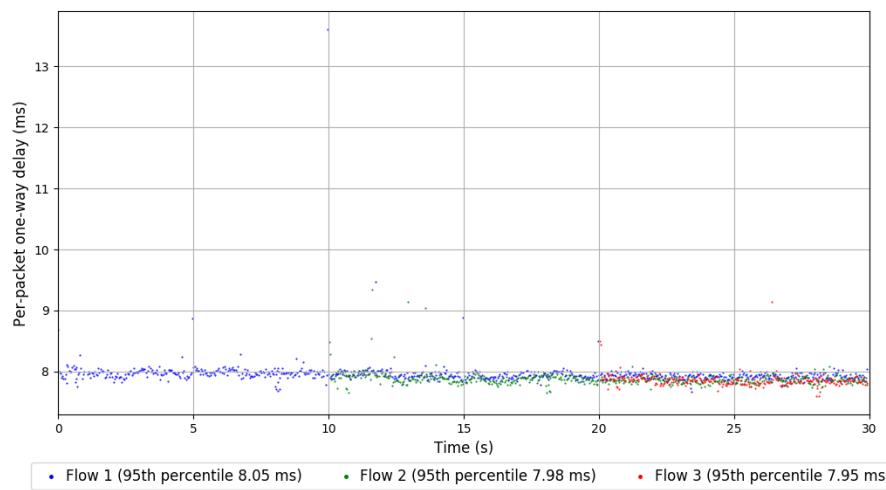
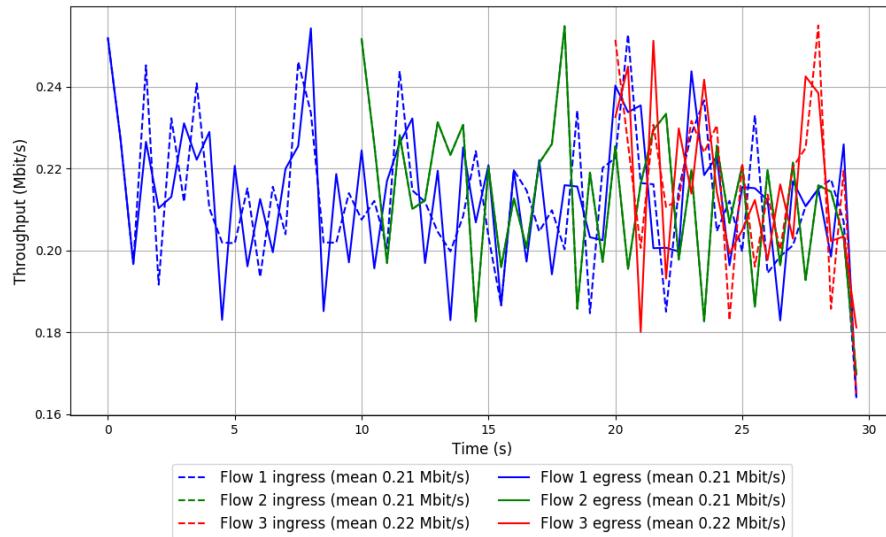


Run 7: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 03:26:24 +0000
End at: Tue, 01 Aug 2017 03:26:54 +0000
Local clock offset: -0.454 ms
Remote clock offset: -4.964 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 8.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 8.047 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.983 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 7.950 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

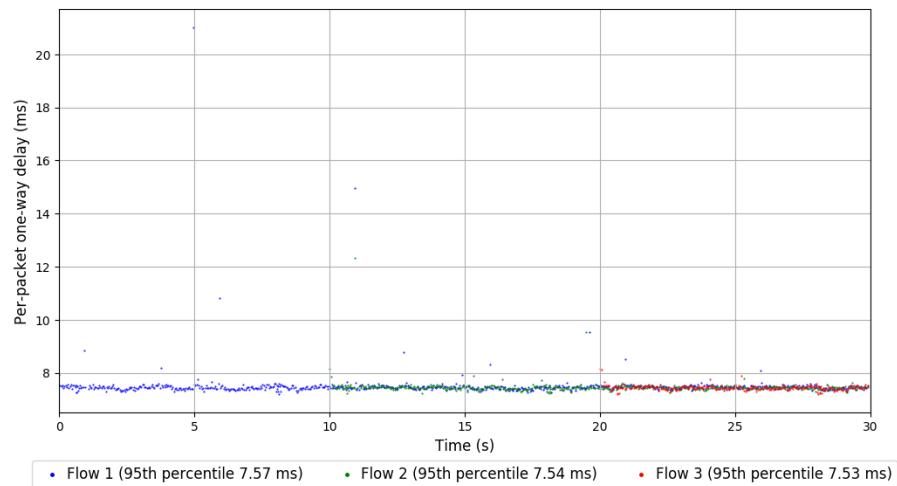
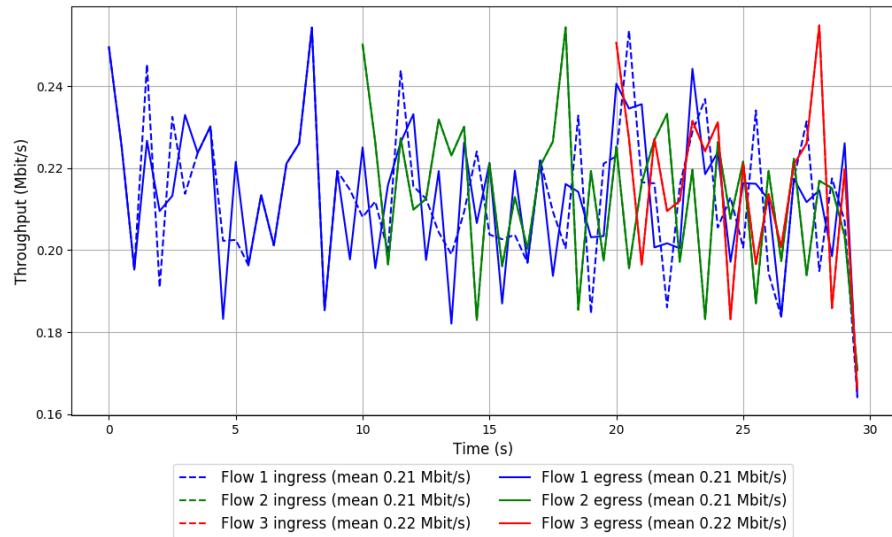


Run 8: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 04:03:15 +0000
End at: Tue, 01 Aug 2017 04:03:45 +0000
Local clock offset: 1.777 ms
Remote clock offset: -3.503 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 7.556 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.565 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 7.534 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 04:22:28 +0000
End at: Tue, 01 Aug 2017 04:22:58 +0000
Local clock offset: 2.587 ms
Remote clock offset: -1.642 ms

Run 9: Report of SCReAM — Data Link

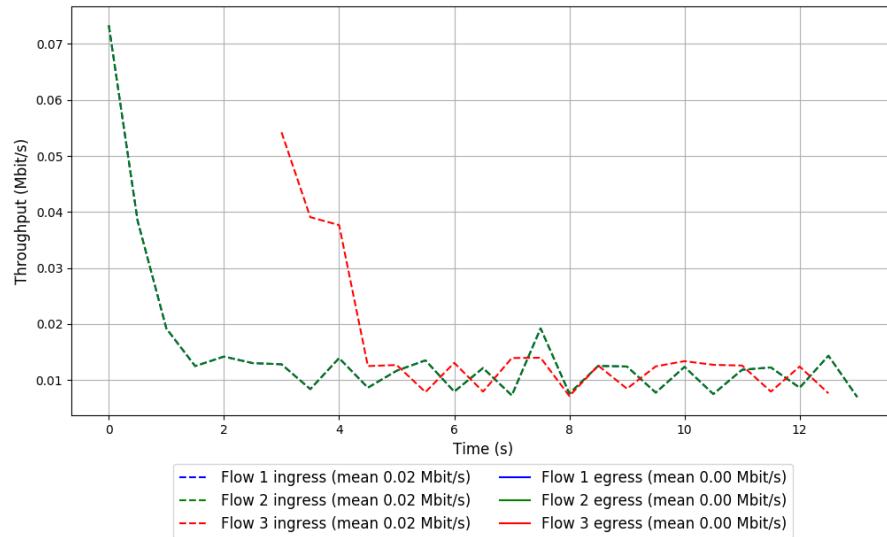
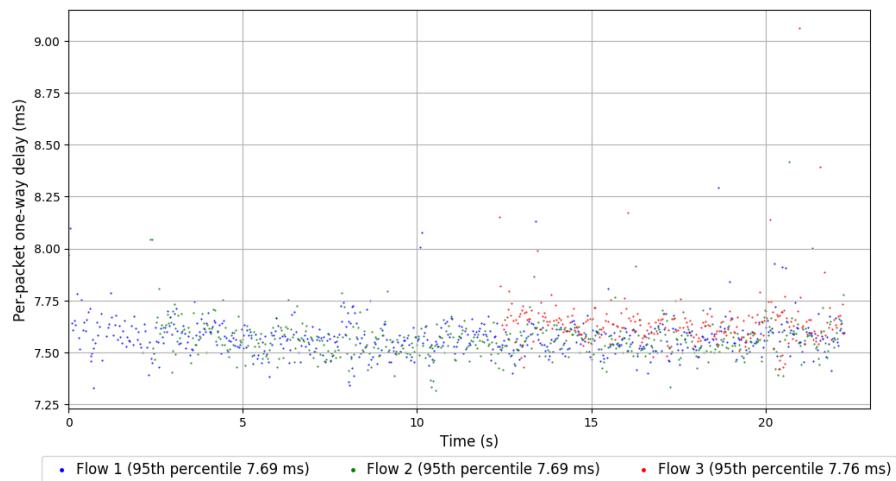
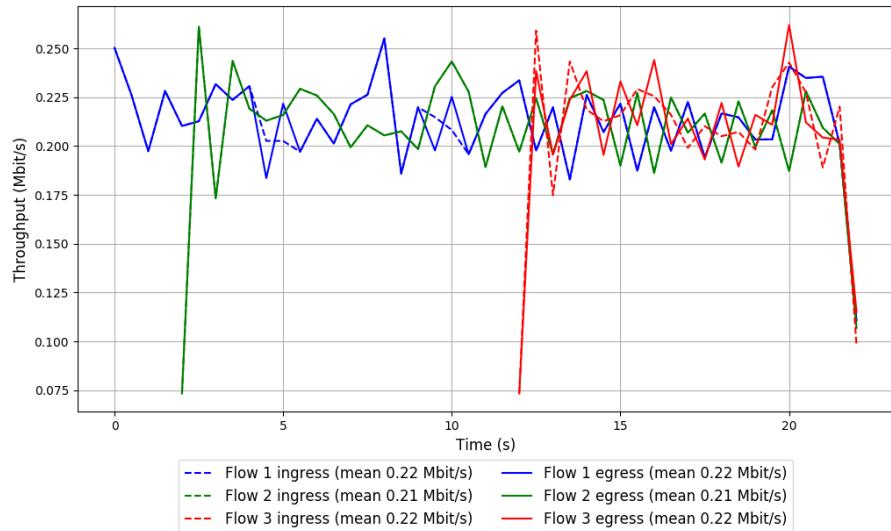


Figure is missing

Run 10: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 04:41:55 +0000
End at: Tue, 01 Aug 2017 04:42:25 +0000
Local clock offset: 2.591 ms
Remote clock offset: -3.014 ms

Run 10: Report of SCReAM — Data Link

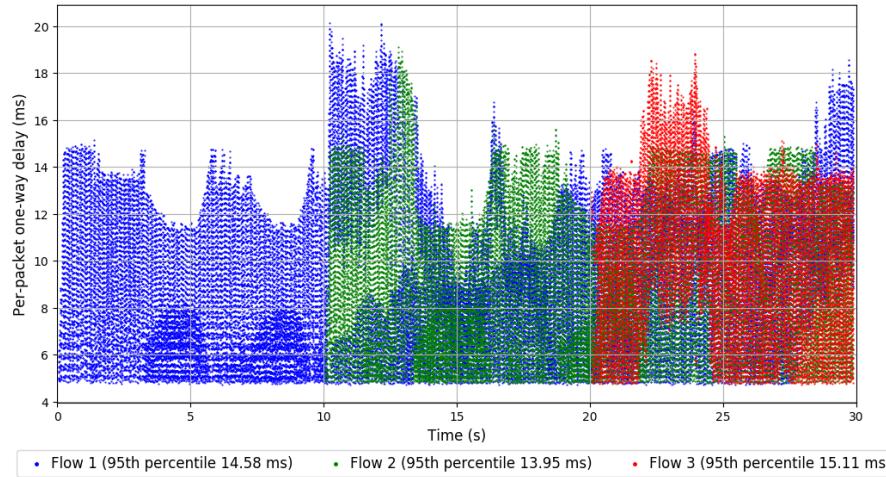
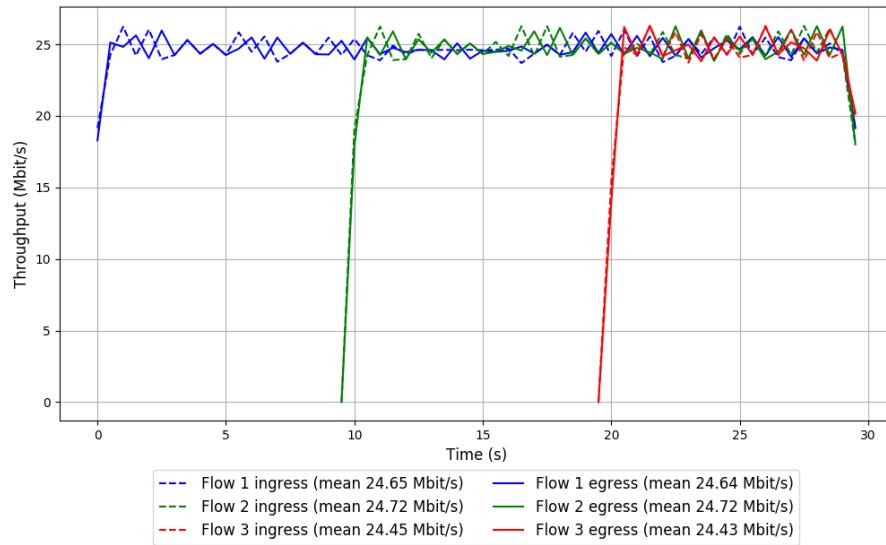


Run 1: Statistics of Sprout

```
Start at: Mon, 31 Jul 2017 23:53:23 +0000
End at: Mon, 31 Jul 2017 23:53:53 +0000
Local clock offset: 4.543 ms
Remote clock offset: -4.206 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.15 Mbit/s
95th percentile per-packet one-way delay: 14.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 14.582 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 13.949 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 15.106 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

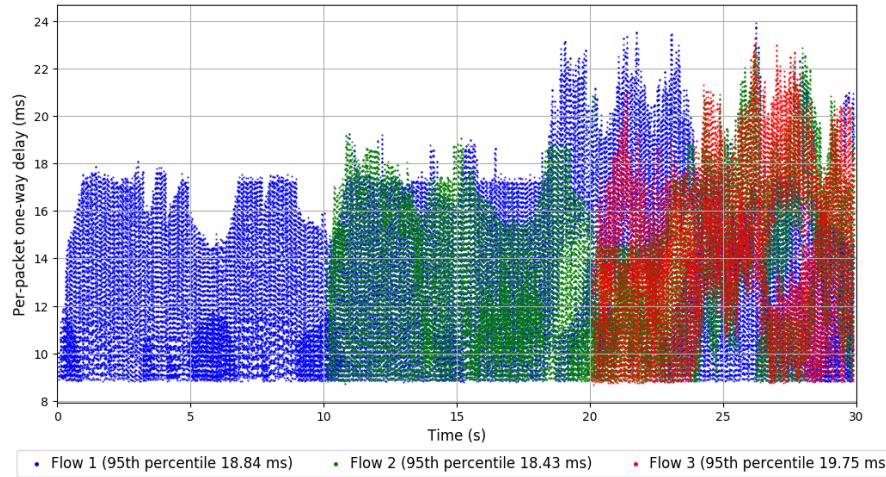
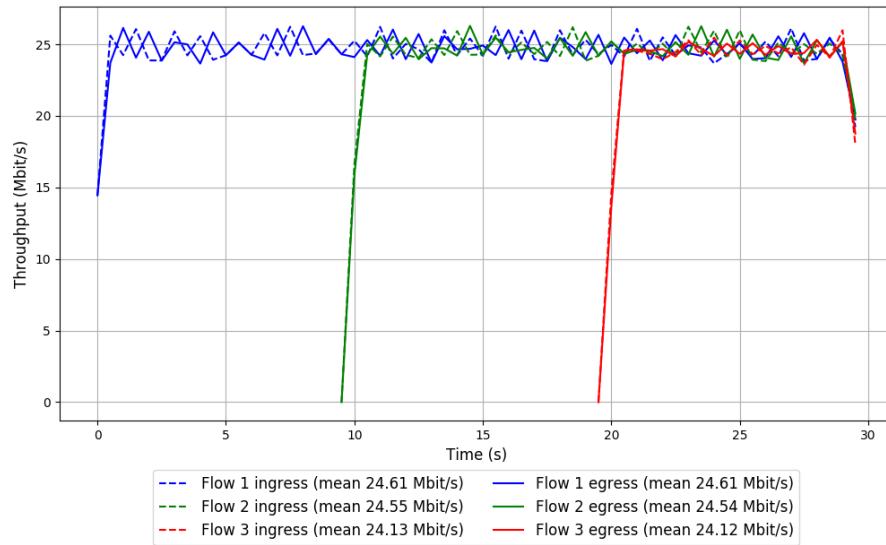


Run 2: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 00:12:00 +0000
End at: Tue, 01 Aug 2017 00:12:30 +0000
Local clock offset: 1.088 ms
Remote clock offset: -3.535 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.90 Mbit/s
95th percentile per-packet one-way delay: 18.938 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 18.837 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 18.432 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 19.746 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

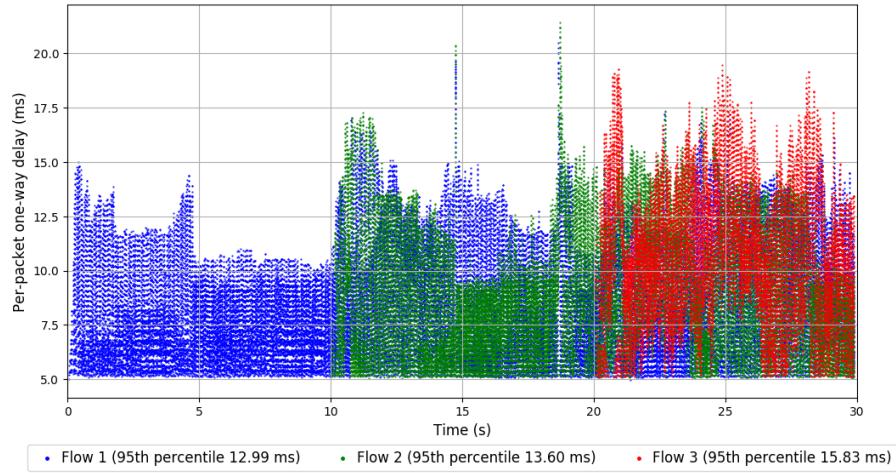
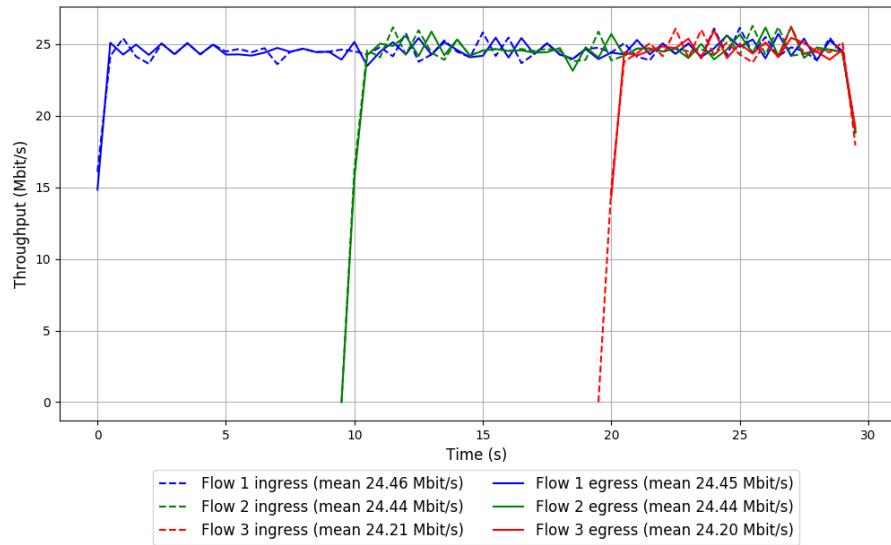


Run 3: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 00:43:33 +0000
End at: Tue, 01 Aug 2017 00:44:03 +0000
Local clock offset: 3.671 ms
Remote clock offset: -4.413 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:29:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.71 Mbit/s
95th percentile per-packet one-way delay: 13.879 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 12.993 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 13.601 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 15.833 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

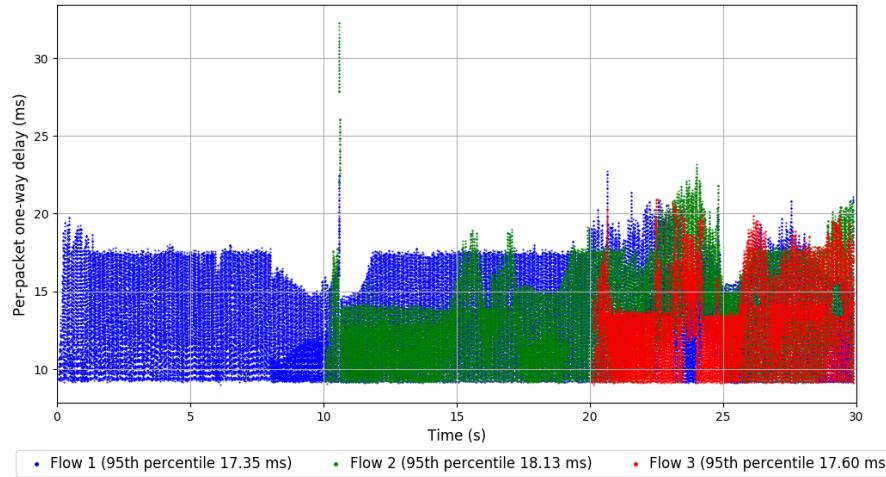
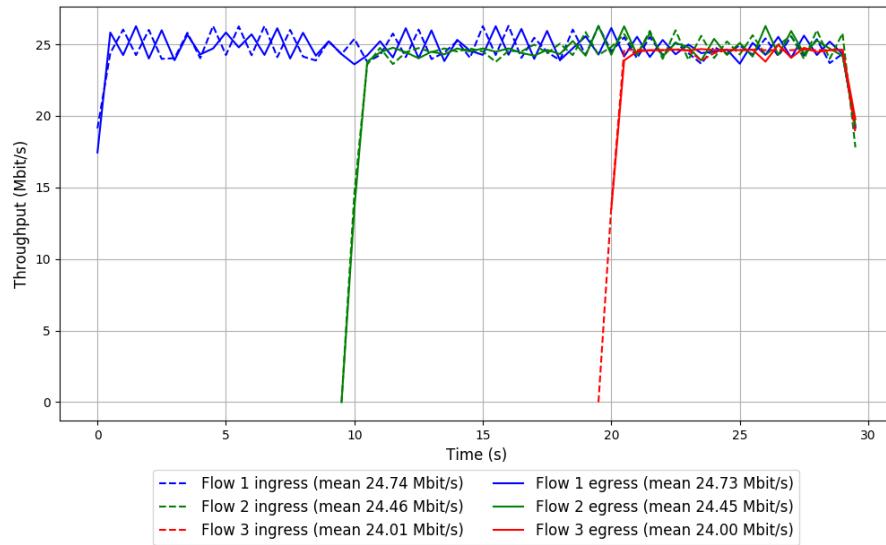


Run 4: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 01:20:09 +0000
End at: Tue, 01 Aug 2017 01:20:39 +0000
Local clock offset: -0.364 ms
Remote clock offset: -4.435 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.92 Mbit/s
95th percentile per-packet one-way delay: 17.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 17.353 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 18.134 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 17.597 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

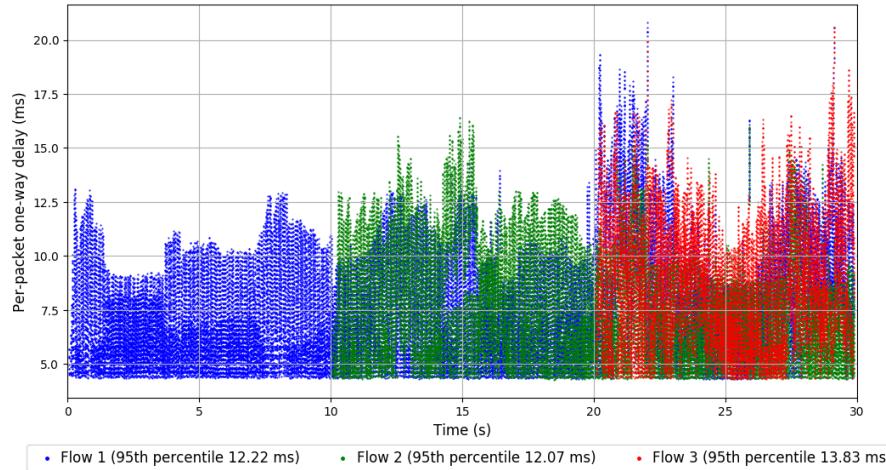
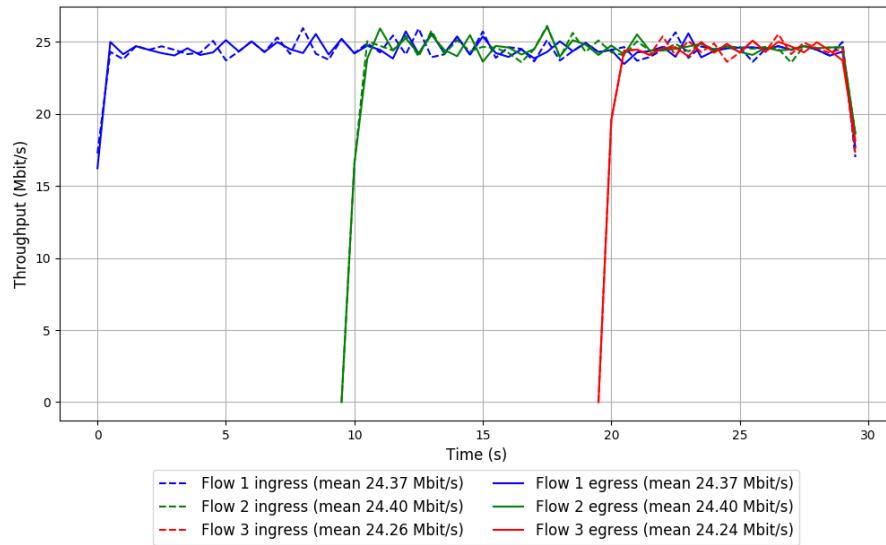


Run 5: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 01:50:13 +0000
End at: Tue, 01 Aug 2017 01:50:43 +0000
Local clock offset: 1.027 ms
Remote clock offset: -6.954 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.61 Mbit/s
95th percentile per-packet one-way delay: 12.531 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 12.216 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 12.073 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 13.833 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

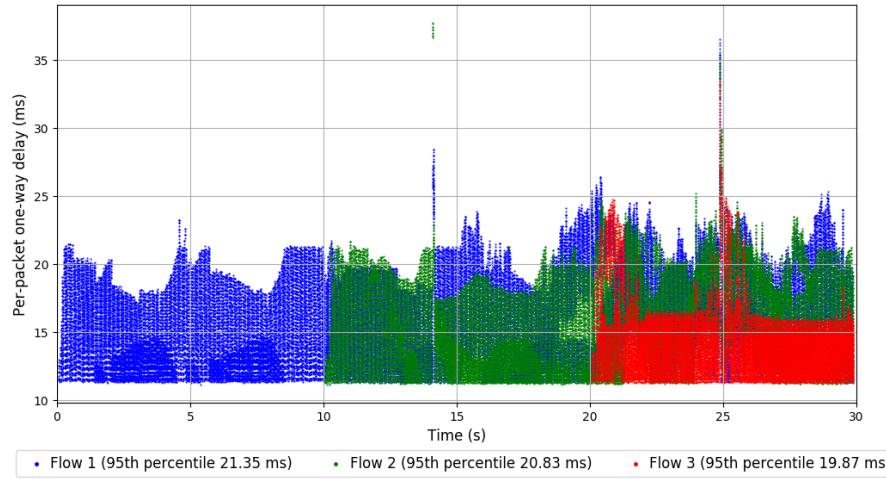
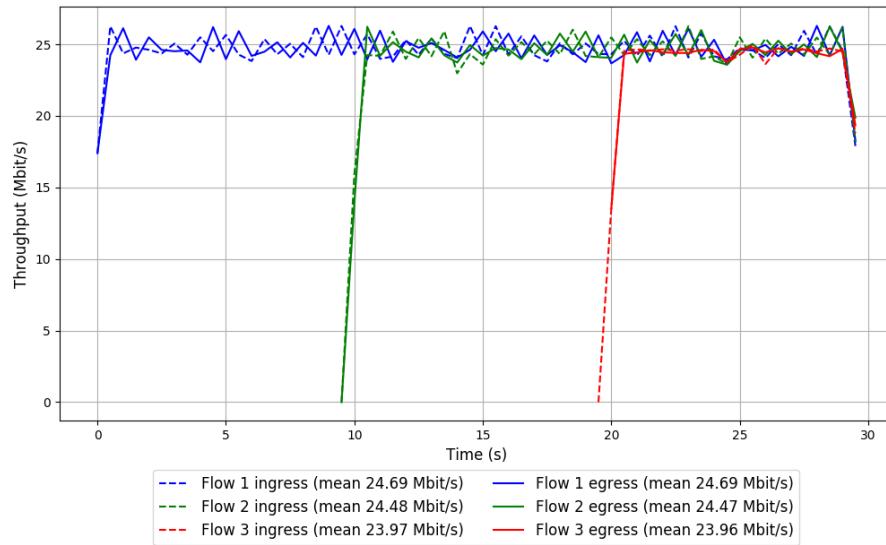


Run 6: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 02:25:21 +0000
End at: Tue, 01 Aug 2017 02:25:51 +0000
Local clock offset: -2.049 ms
Remote clock offset: -2.273 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.88 Mbit/s
95th percentile per-packet one-way delay: 21.057 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 21.349 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 20.833 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 19.874 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

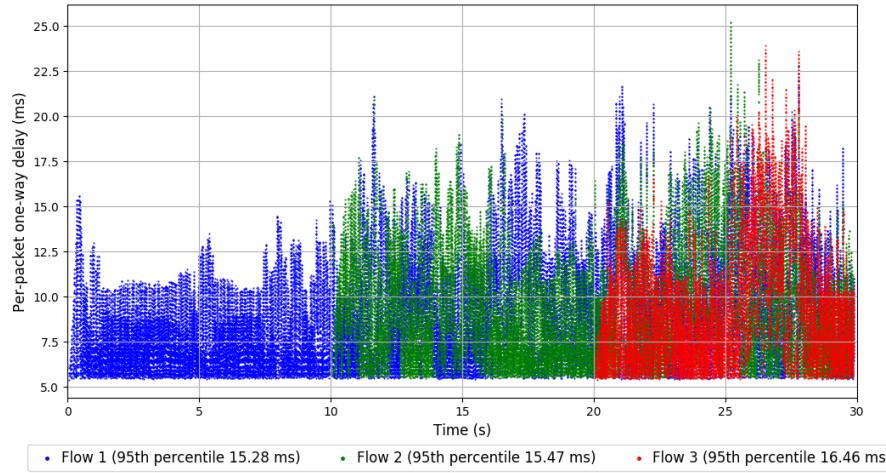
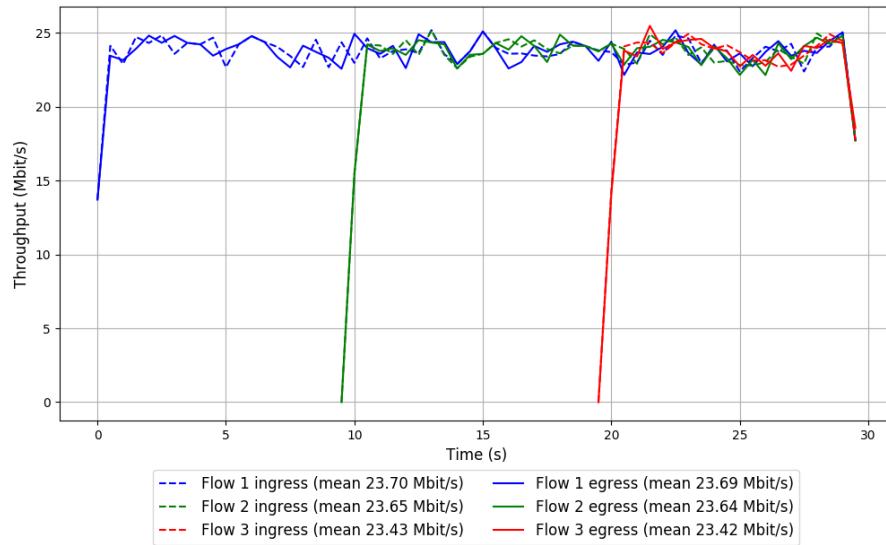


Run 7: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:28:25 +0000
End at: Tue, 01 Aug 2017 03:28:55 +0000
Local clock offset: 2.131 ms
Remote clock offset: -4.653 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.17 Mbit/s
95th percentile per-packet one-way delay: 15.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.69 Mbit/s
95th percentile per-packet one-way delay: 15.278 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 15.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 16.458 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

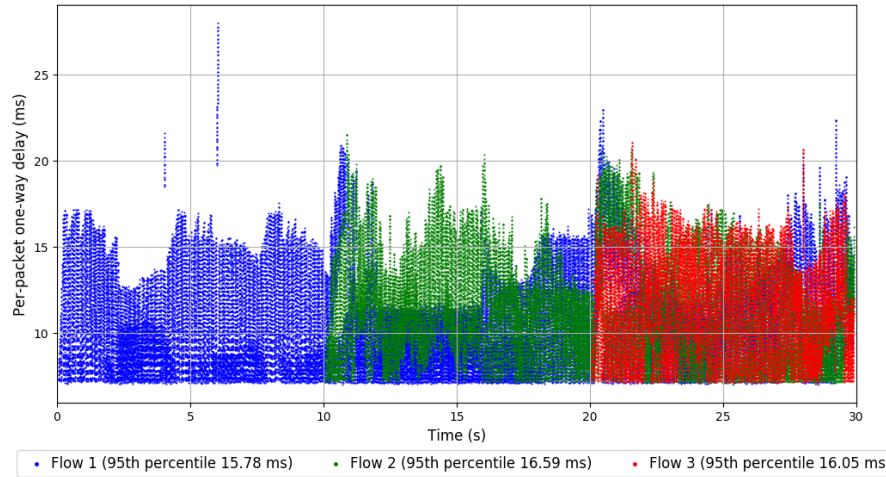
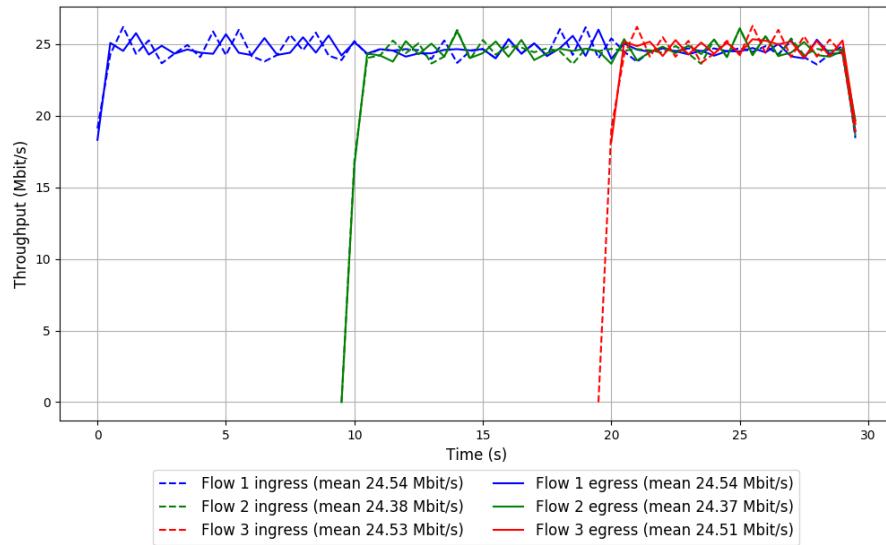


Run 8: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 04:04:21 +0000
End at: Tue, 01 Aug 2017 04:04:51 +0000
Local clock offset: 2.036 ms
Remote clock offset: -3.407 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.86 Mbit/s
95th percentile per-packet one-way delay: 16.123 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 15.781 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 16.588 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 16.046 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

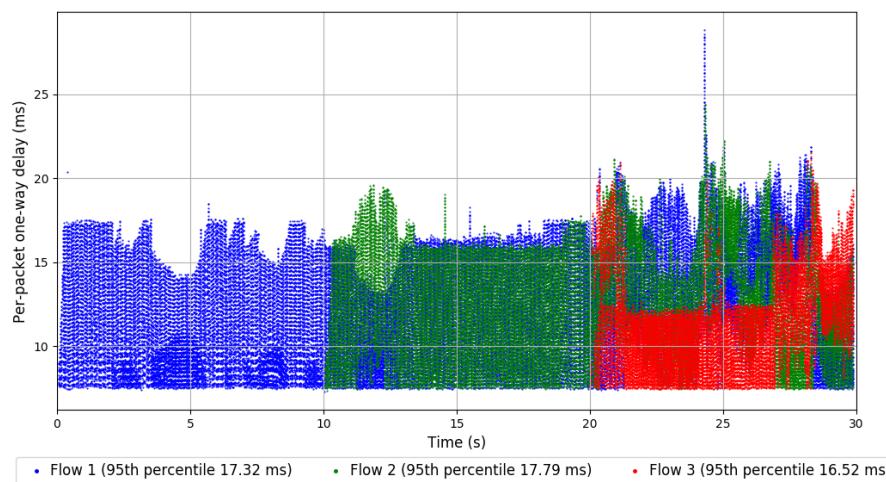
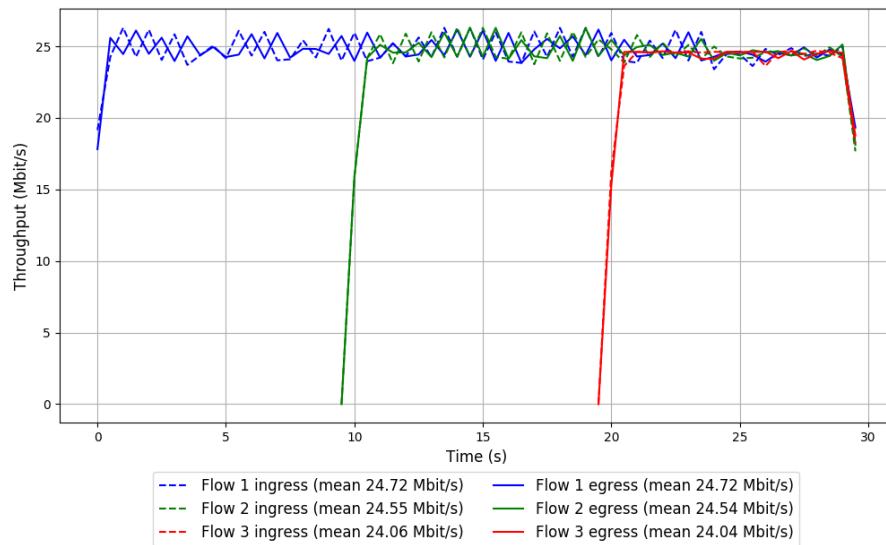


Run 9: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 04:23:34 +0000
End at: Tue, 01 Aug 2017 04:24:04 +0000
Local clock offset: 1.696 ms
Remote clock offset: -3.706 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.99 Mbit/s
95th percentile per-packet one-way delay: 17.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 17.323 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 17.792 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 16.519 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

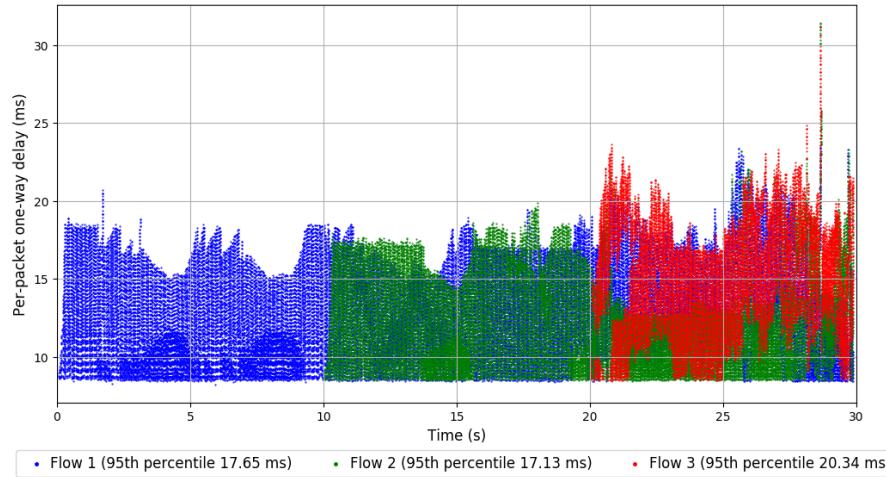
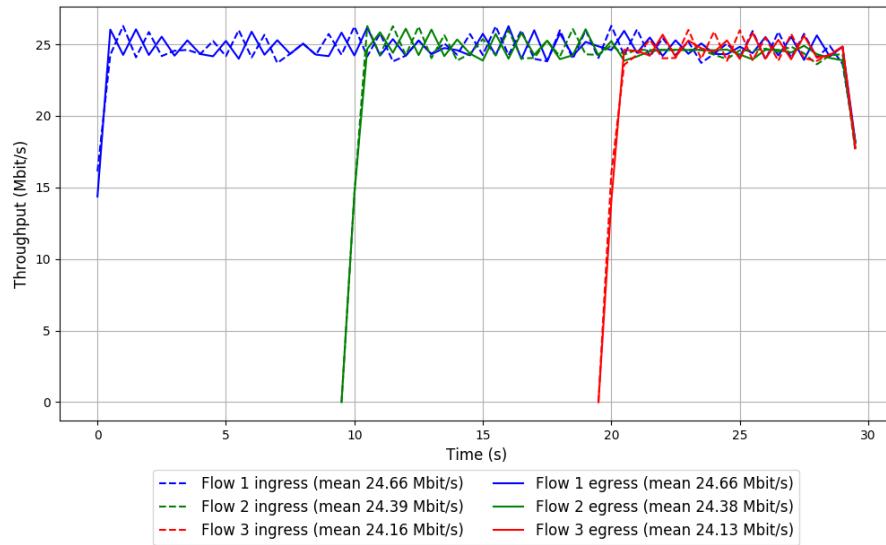


Run 10: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 04:43:00 +0000
End at: Tue, 01 Aug 2017 04:43:30 +0000
Local clock offset: 1.648 ms
Remote clock offset: -2.963 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 18.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 17.648 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 17.133 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 20.335 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

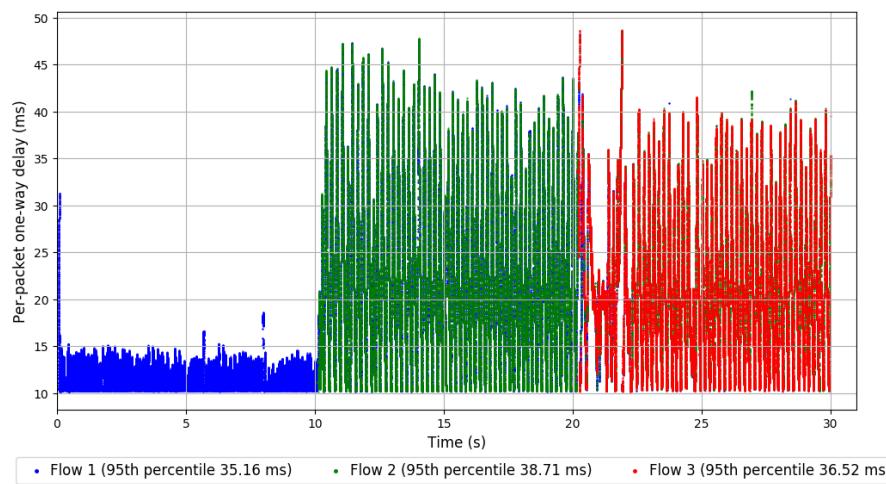
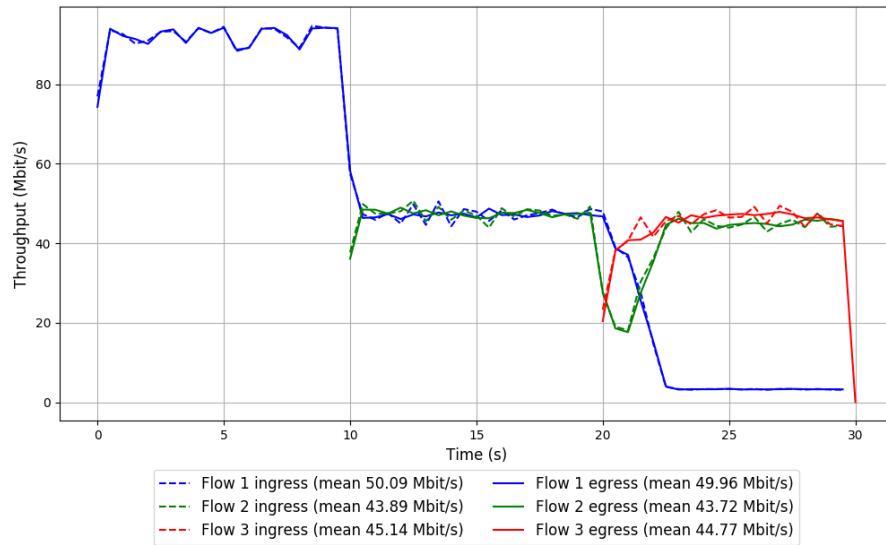


Run 1: Statistics of TaoVA-100x

```
Start at: Mon, 31 Jul 2017 23:37:37 +0000
End at: Mon, 31 Jul 2017 23:38:07 +0000
Local clock offset: -0.706 ms
Remote clock offset: -4.407 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 37.058 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 35.157 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 43.72 Mbit/s
95th percentile per-packet one-way delay: 38.706 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 44.77 Mbit/s
95th percentile per-packet one-way delay: 36.525 ms
Loss rate: 0.54%
```

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

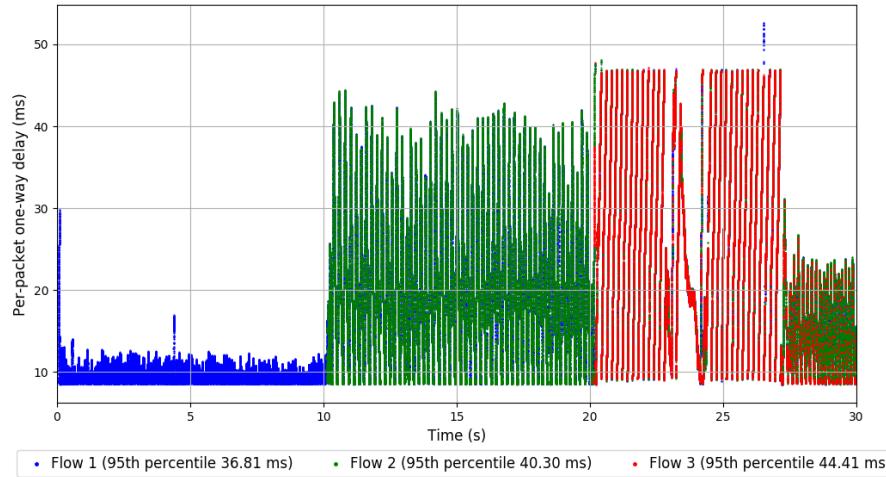
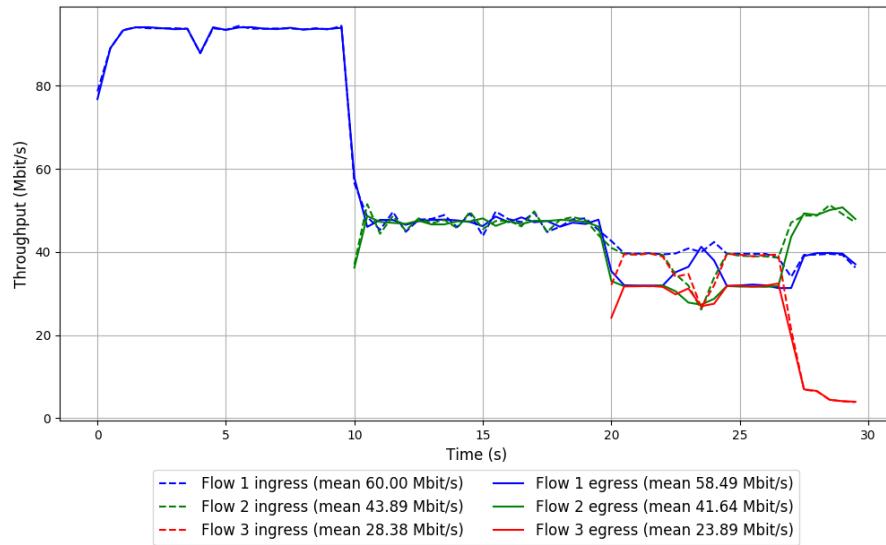


Run 2: Statistics of TaoVA-100x

```
Start at: Mon, 31 Jul 2017 23:55:48 +0000
End at: Mon, 31 Jul 2017 23:56:18 +0000
Local clock offset: 1.111 ms
Remote clock offset: -3.855 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:30:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 39.373 ms
Loss rate: 4.53%
-- Flow 1:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 36.813 ms
Loss rate: 2.50%
-- Flow 2:
Average throughput: 41.64 Mbit/s
95th percentile per-packet one-way delay: 40.302 ms
Loss rate: 5.11%
-- Flow 3:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 44.415 ms
Loss rate: 15.78%
```

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

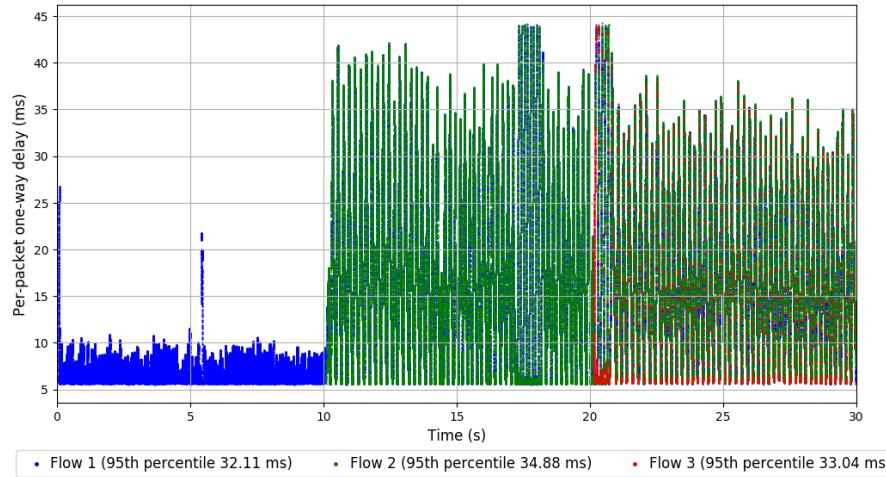
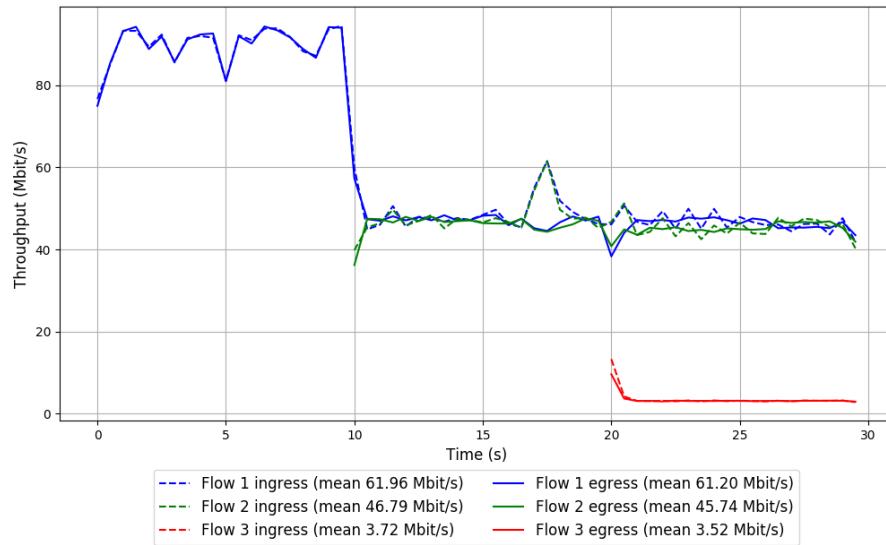


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 00:14:35 +0000
End at: Tue, 01 Aug 2017 00:15:05 +0000
Local clock offset: 3.335 ms
Remote clock offset: -4.48 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:31:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 33.292 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 32.109 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 45.74 Mbit/s
95th percentile per-packet one-way delay: 34.883 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 3.52 Mbit/s
95th percentile per-packet one-way delay: 33.041 ms
Loss rate: 5.57%
```

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

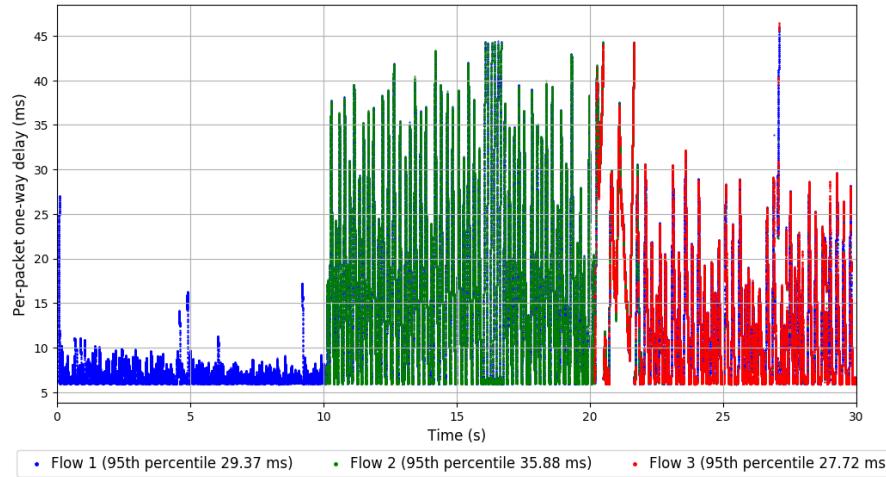
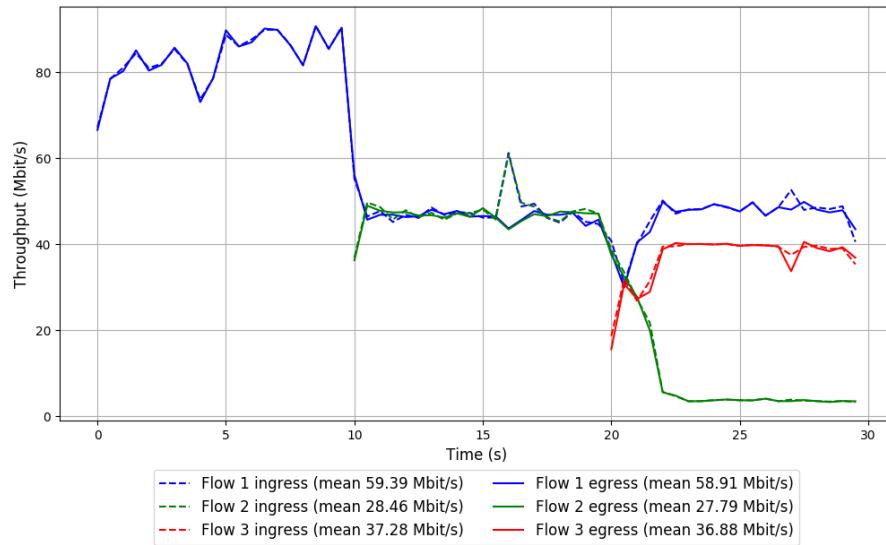


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 00:58:01 +0000
End at: Tue, 01 Aug 2017 00:58:31 +0000
Local clock offset: 3.162 ms
Remote clock offset: -4.233 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:31:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.54 Mbit/s
95th percentile per-packet one-way delay: 31.759 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 29.374 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 27.79 Mbit/s
95th percentile per-packet one-way delay: 35.877 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 27.722 ms
Loss rate: 1.10%
```

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

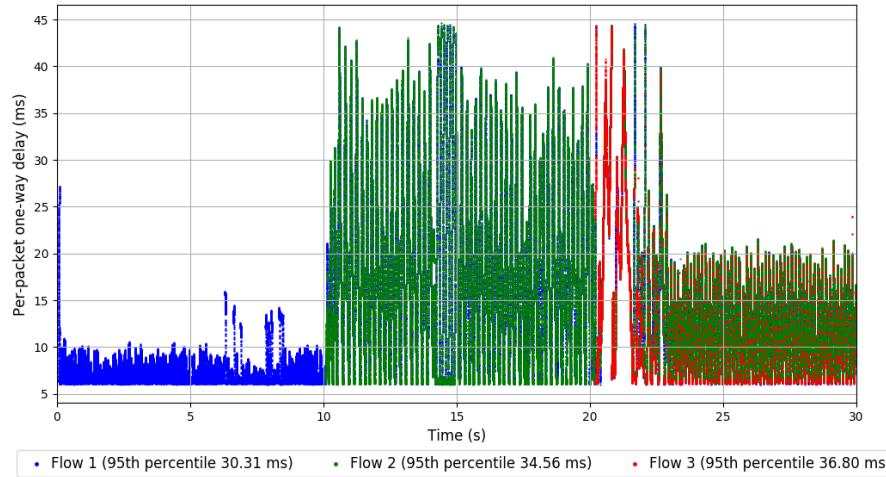
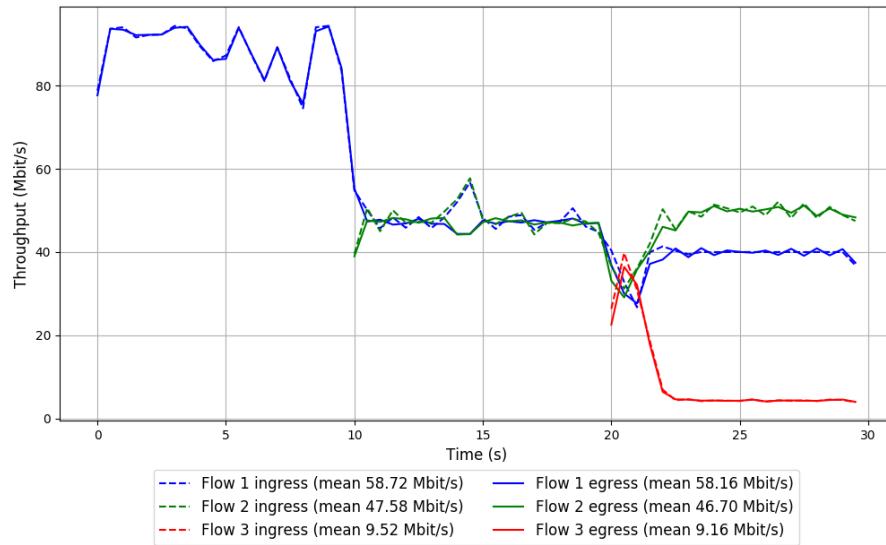


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 01:22:54 +0000
End at: Tue, 01 Aug 2017 01:23:24 +0000
Local clock offset: 3.458 ms
Remote clock offset: -3.673 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:31:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.21 Mbit/s
95th percentile per-packet one-way delay: 32.550 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 58.16 Mbit/s
95th percentile per-packet one-way delay: 30.313 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 34.561 ms
Loss rate: 1.83%
-- Flow 3:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 36.805 ms
Loss rate: 3.73%
```

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

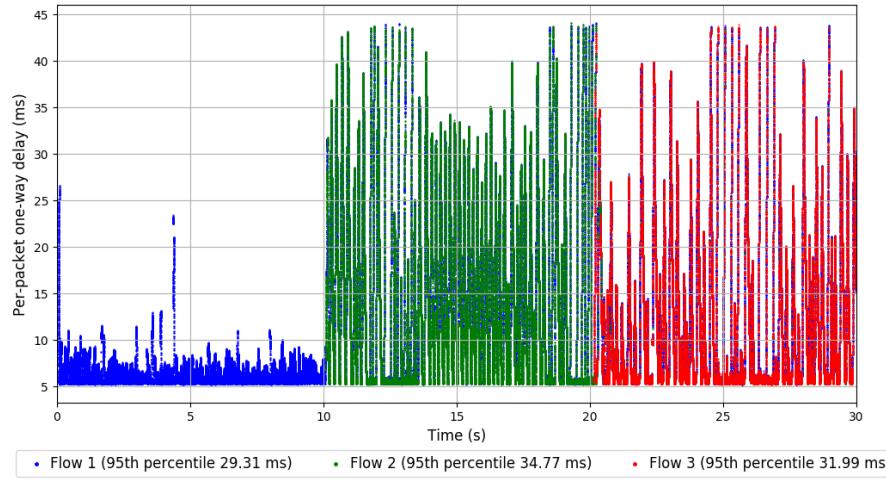
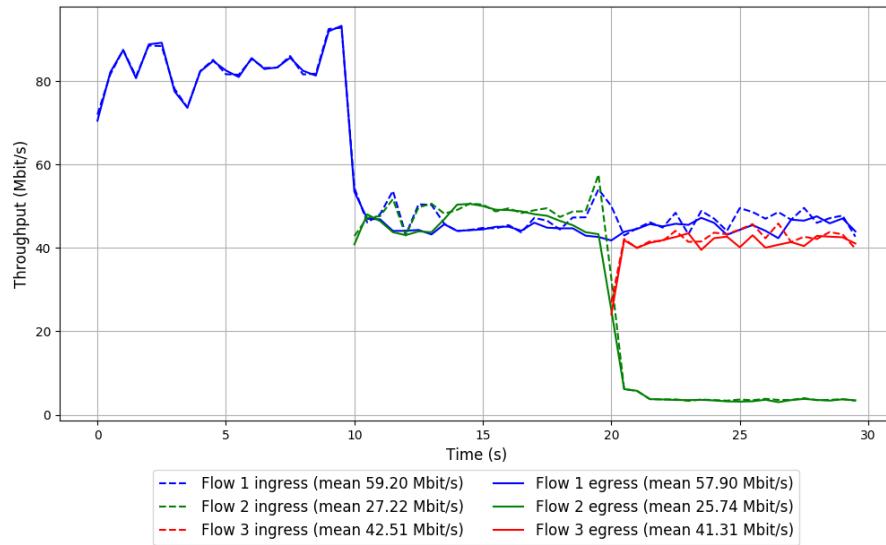


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 01:55:38 +0000
End at: Tue, 01 Aug 2017 01:56:08 +0000
Local clock offset: 2.955 ms
Remote clock offset: -4.003 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:31:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 31.344 ms
Loss rate: 2.89%
-- Flow 1:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 29.312 ms
Loss rate: 2.16%
-- Flow 2:
Average throughput: 25.74 Mbit/s
95th percentile per-packet one-way delay: 34.768 ms
Loss rate: 5.42%
-- Flow 3:
Average throughput: 41.31 Mbit/s
95th percentile per-packet one-way delay: 31.993 ms
Loss rate: 2.73%
```

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

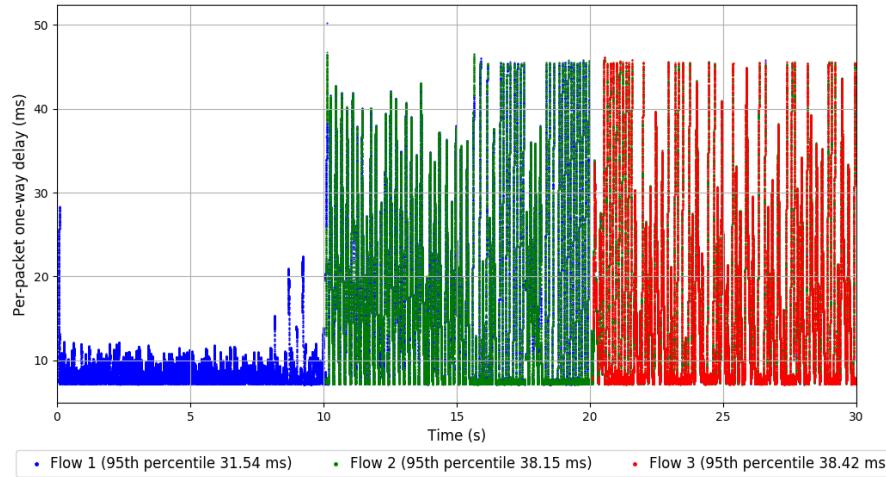
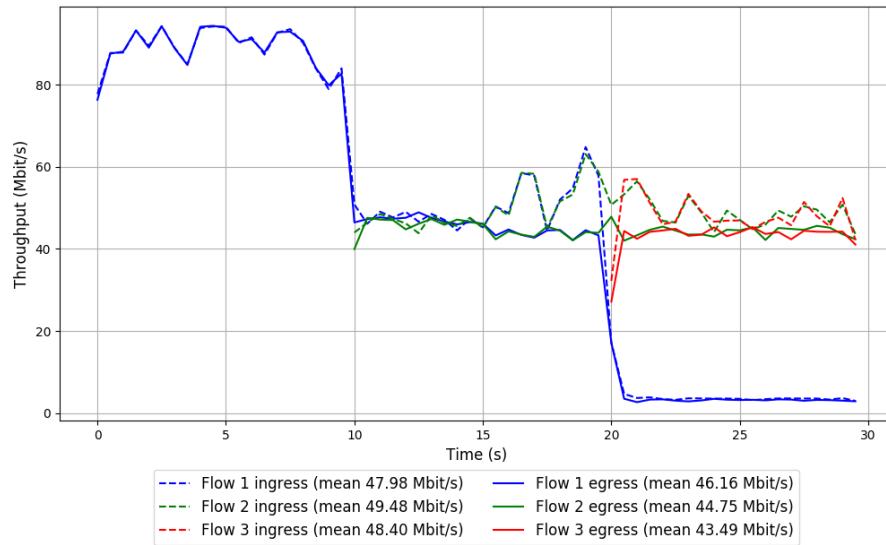


Run 7: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 02:28:12 +0000
End at: Tue, 01 Aug 2017 02:28:42 +0000
Local clock offset: 0.633 ms
Remote clock offset: -3.694 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:31:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.30 Mbit/s
95th percentile per-packet one-way delay: 35.760 ms
Loss rate: 6.80%
-- Flow 1:
Average throughput: 46.16 Mbit/s
95th percentile per-packet one-way delay: 31.541 ms
Loss rate: 3.79%
-- Flow 2:
Average throughput: 44.75 Mbit/s
95th percentile per-packet one-way delay: 38.151 ms
Loss rate: 9.56%
-- Flow 3:
Average throughput: 43.49 Mbit/s
95th percentile per-packet one-way delay: 38.423 ms
Loss rate: 10.14%
```

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

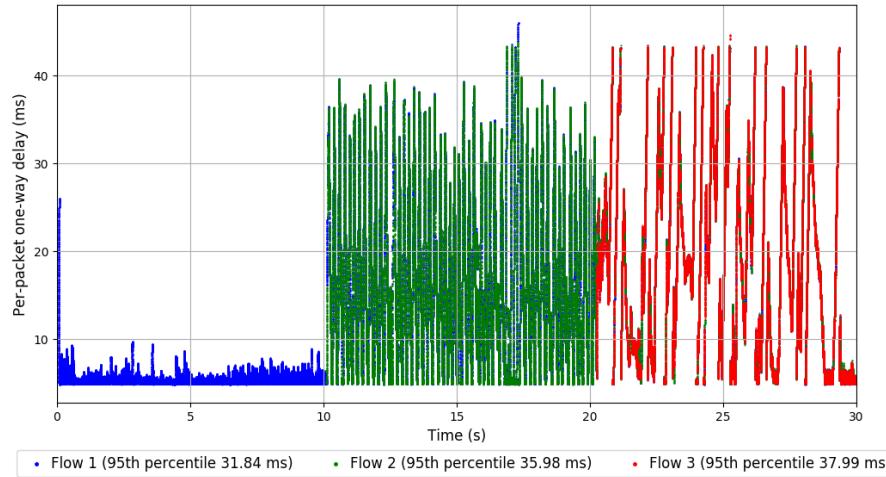
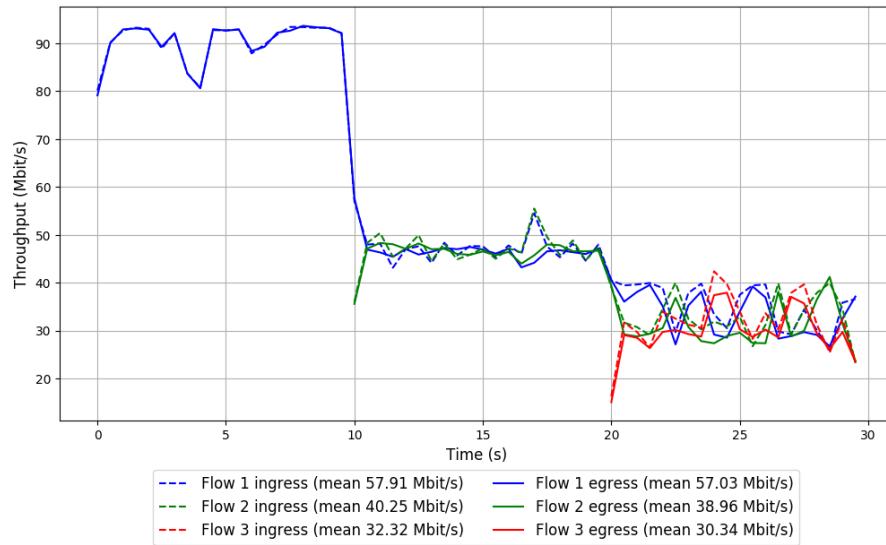


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:34:13 +0000
End at: Tue, 01 Aug 2017 03:34:43 +0000
Local clock offset: 1.525 ms
Remote clock offset: -5.766 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:31:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 34.388 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 57.03 Mbit/s
95th percentile per-packet one-way delay: 31.839 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 38.96 Mbit/s
95th percentile per-packet one-way delay: 35.978 ms
Loss rate: 3.20%
-- Flow 3:
Average throughput: 30.34 Mbit/s
95th percentile per-packet one-way delay: 37.990 ms
Loss rate: 6.22%
```

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

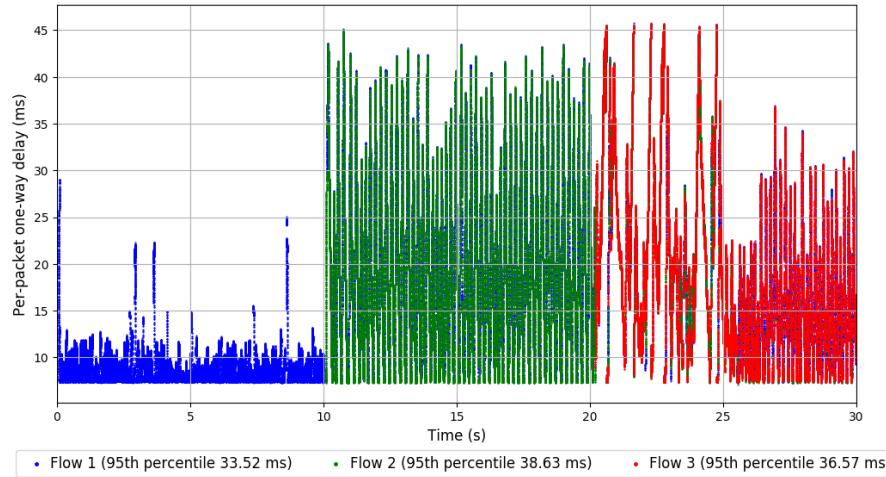
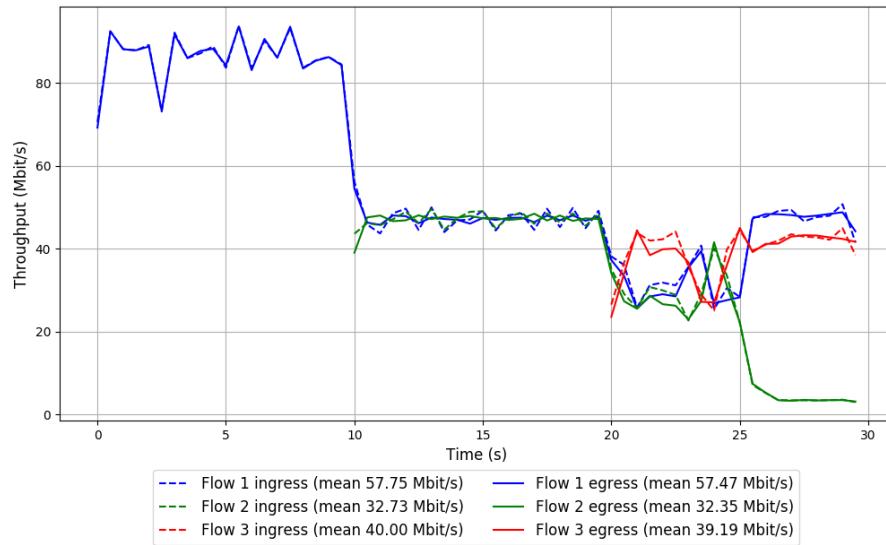


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 04:07:57 +0000
End at: Tue, 01 Aug 2017 04:08:27 +0000
Local clock offset: 1.74 ms
Remote clock offset: -3.618 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:32:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 36.075 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 57.47 Mbit/s
95th percentile per-packet one-way delay: 33.524 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 32.35 Mbit/s
95th percentile per-packet one-way delay: 38.629 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 36.566 ms
Loss rate: 2.11%
```

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

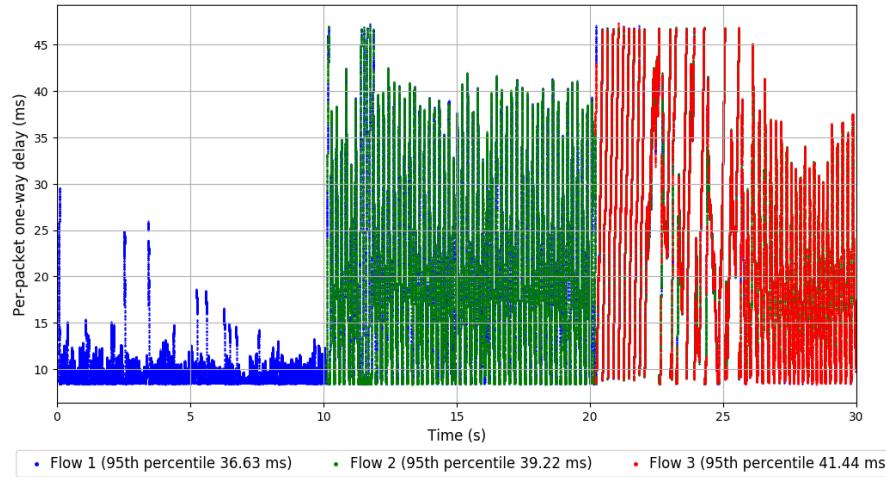
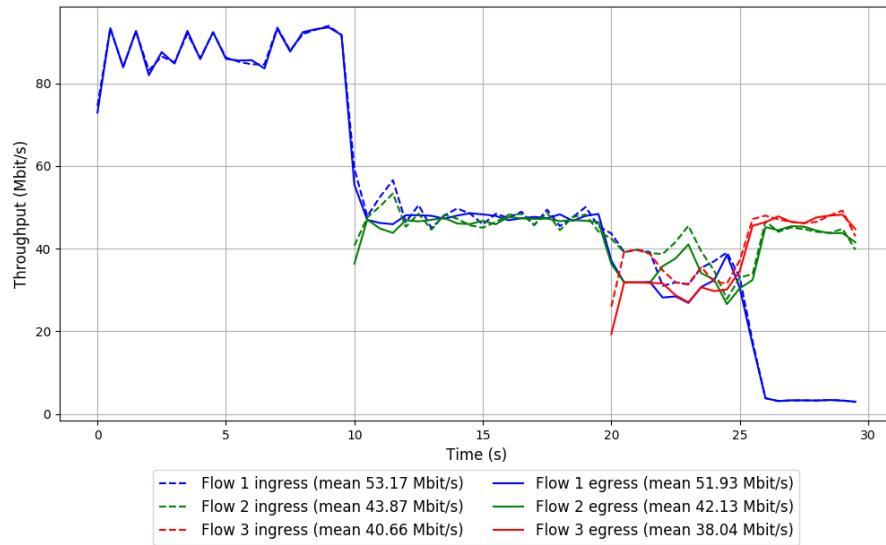


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 04:26:03 +0000
End at: Tue, 01 Aug 2017 04:26:33 +0000
Local clock offset: 2.254 ms
Remote clock offset: -2.262 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:32:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 38.320 ms
Loss rate: 3.40%
-- Flow 1:
Average throughput: 51.93 Mbit/s
95th percentile per-packet one-way delay: 36.633 ms
Loss rate: 2.32%
-- Flow 2:
Average throughput: 42.13 Mbit/s
95th percentile per-packet one-way delay: 39.217 ms
Loss rate: 3.97%
-- Flow 3:
Average throughput: 38.04 Mbit/s
95th percentile per-packet one-way delay: 41.441 ms
Loss rate: 6.44%
```

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

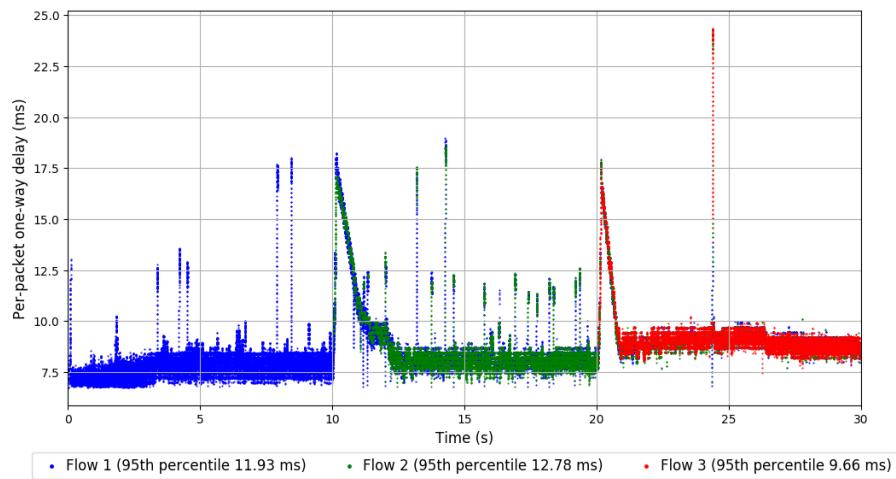
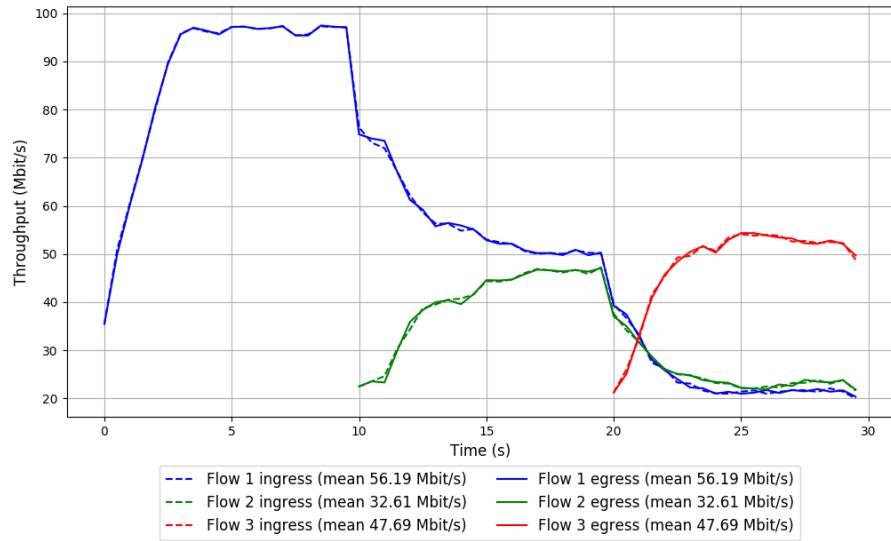


Run 1: Statistics of TCP Vegas

```
Start at: Mon, 31 Jul 2017 23:38:56 +0000
End at: Mon, 31 Jul 2017 23:39:26 +0000
Local clock offset: 2.335 ms
Remote clock offset: -4.796 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:32:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.71 Mbit/s
95th percentile per-packet one-way delay: 11.885 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 11.931 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.61 Mbit/s
95th percentile per-packet one-way delay: 12.784 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.69 Mbit/s
95th percentile per-packet one-way delay: 9.665 ms
Loss rate: 0.03%
```

Run 1: Report of TCP Vegas — Data Link

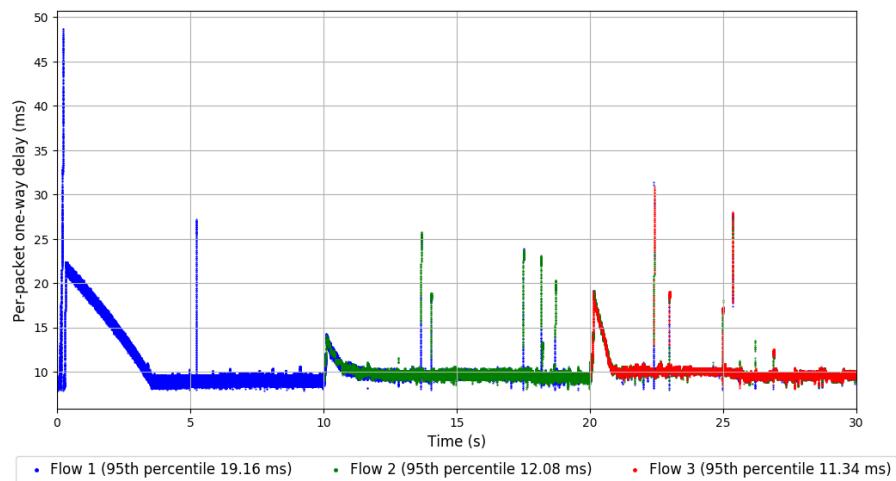
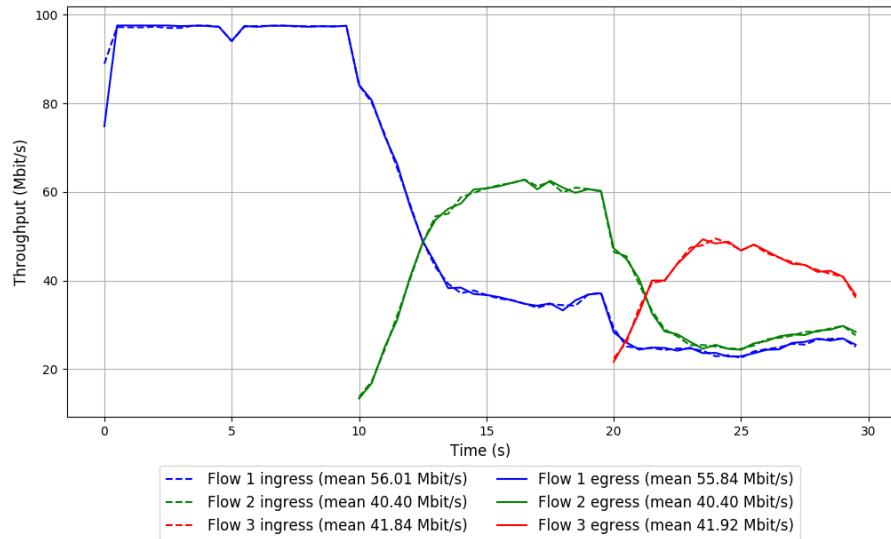


Run 2: Statistics of TCP Vegas

```
Start at: Mon, 31 Jul 2017 23:57:05 +0000
End at: Mon, 31 Jul 2017 23:57:35 +0000
Local clock offset: 1.275 ms
Remote clock offset: -4.193 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:32:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 17.607 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.84 Mbit/s
95th percentile per-packet one-way delay: 19.159 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 40.40 Mbit/s
95th percentile per-packet one-way delay: 12.082 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 11.340 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

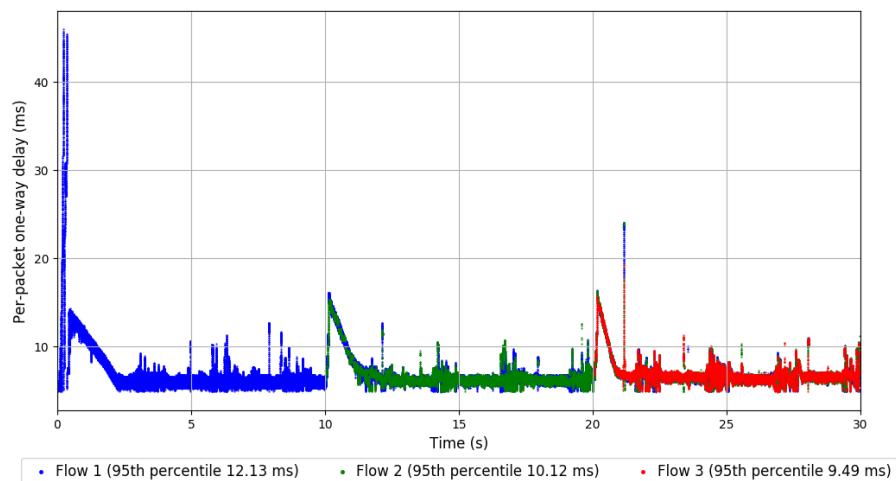
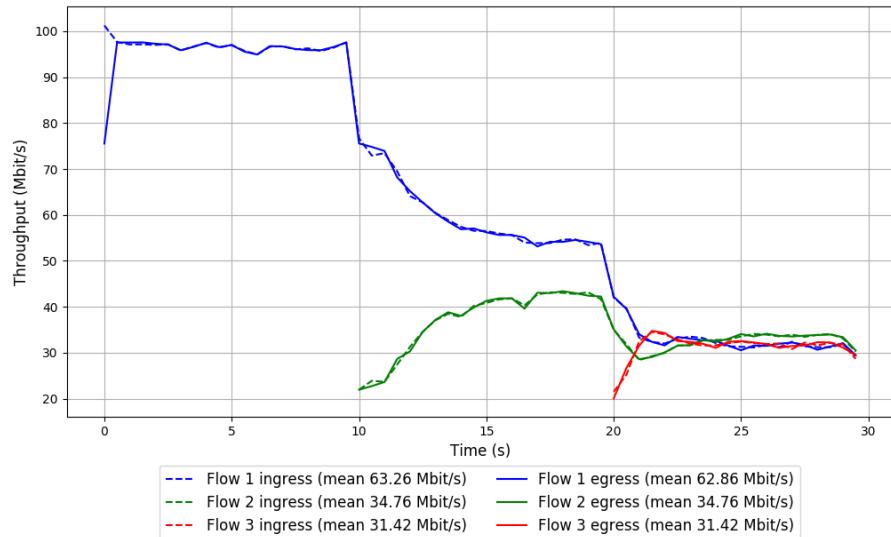


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 00:16:12 +0000
End at: Tue, 01 Aug 2017 00:16:42 +0000
Local clock offset: 3.849 ms
Remote clock offset: -4.718 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:32:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 11.650 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 62.86 Mbit/s
95th percentile per-packet one-way delay: 12.130 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 34.76 Mbit/s
95th percentile per-packet one-way delay: 10.122 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 9.495 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

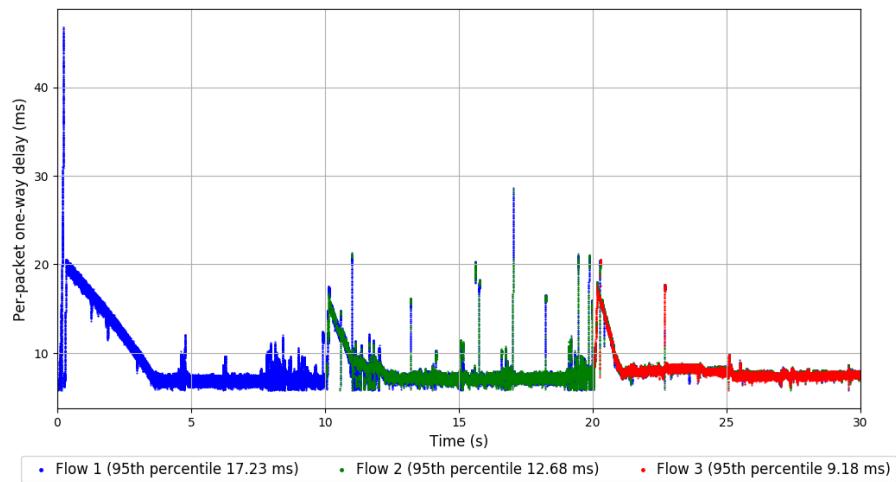
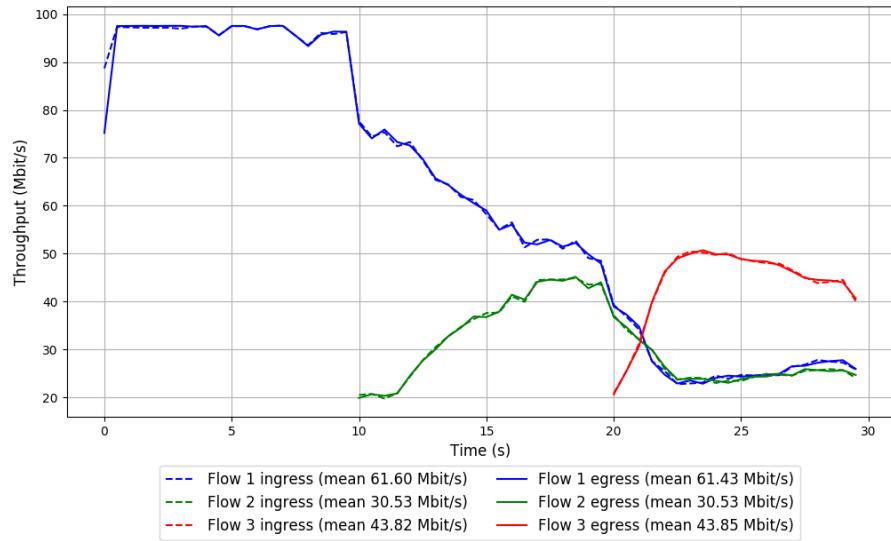


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:05:18 +0000
End at: Tue, 01 Aug 2017 01:05:48 +0000
Local clock offset: 3.239 ms
Remote clock offset: -4.1 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:32:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 15.992 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 61.43 Mbit/s
95th percentile per-packet one-way delay: 17.225 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 12.675 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.85 Mbit/s
95th percentile per-packet one-way delay: 9.184 ms
Loss rate: 0.01%
```

Run 4: Report of TCP Vegas — Data Link

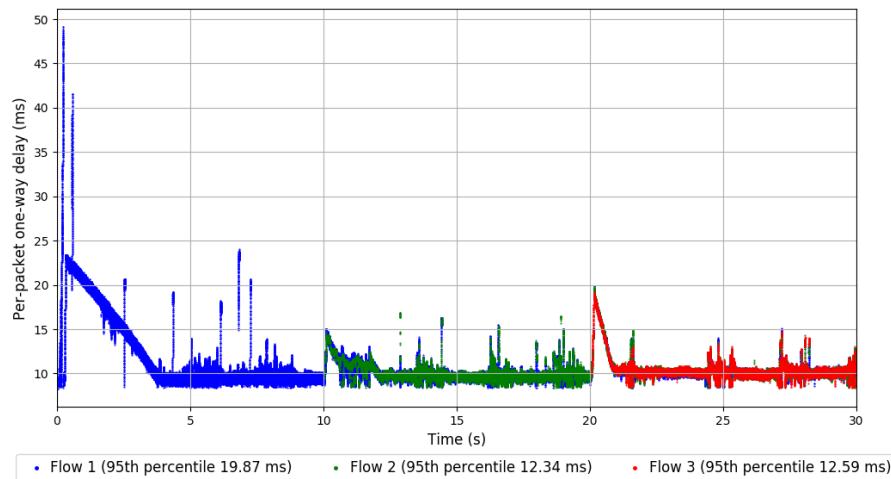
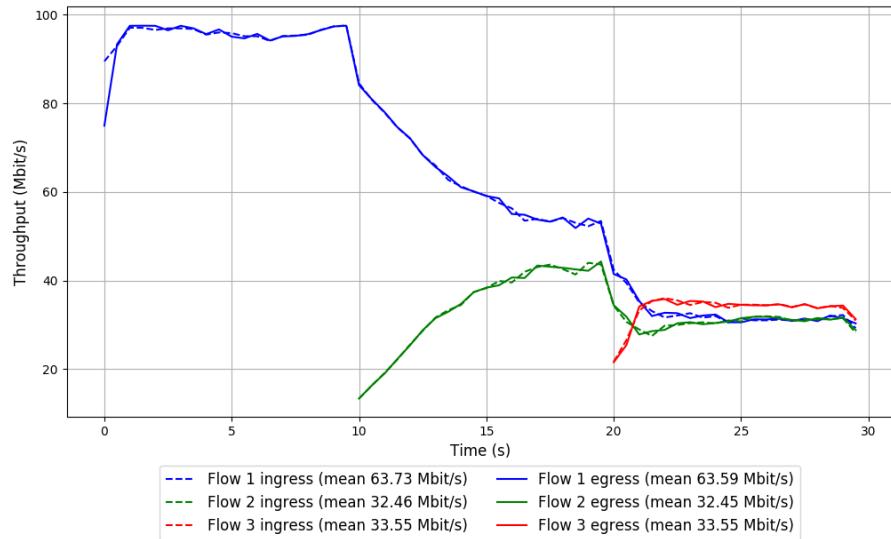


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:24:26 +0000
End at: Tue, 01 Aug 2017 01:24:56 +0000
Local clock offset: 0.366 ms
Remote clock offset: -4.358 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 18.370 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 63.59 Mbit/s
95th percentile per-packet one-way delay: 19.866 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 12.344 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.55 Mbit/s
95th percentile per-packet one-way delay: 12.592 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

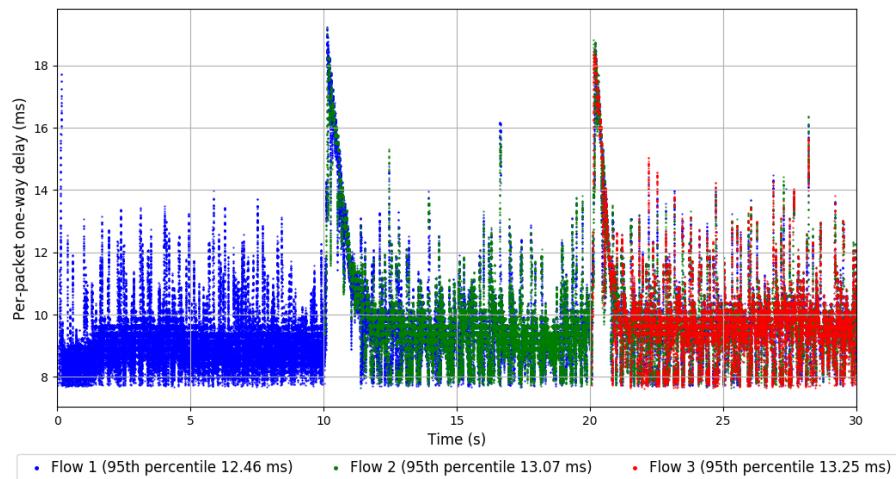
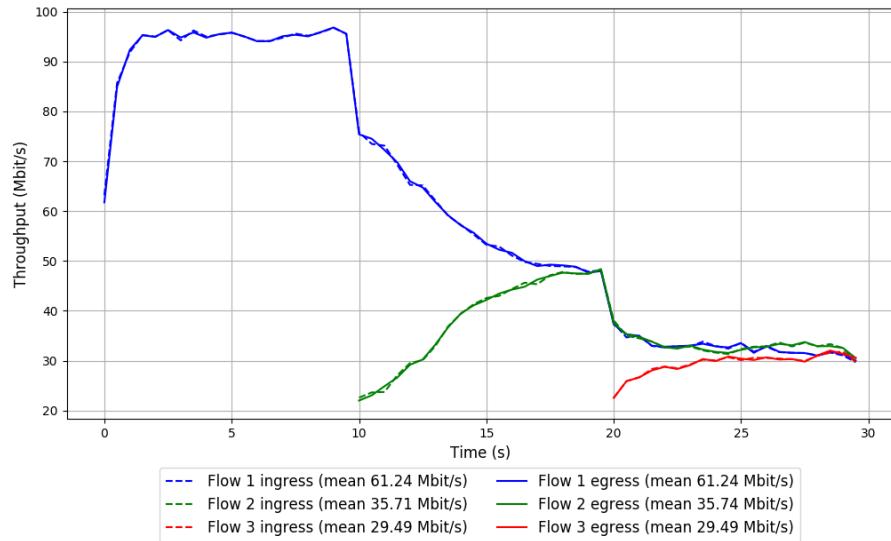


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:59:32 +0000
End at: Tue, 01 Aug 2017 02:00:02 +0000
Local clock offset: -0.893 ms
Remote clock offset: -5.31 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 12.695 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.24 Mbit/s
95th percentile per-packet one-way delay: 12.464 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.74 Mbit/s
95th percentile per-packet one-way delay: 13.066 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 13.251 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link

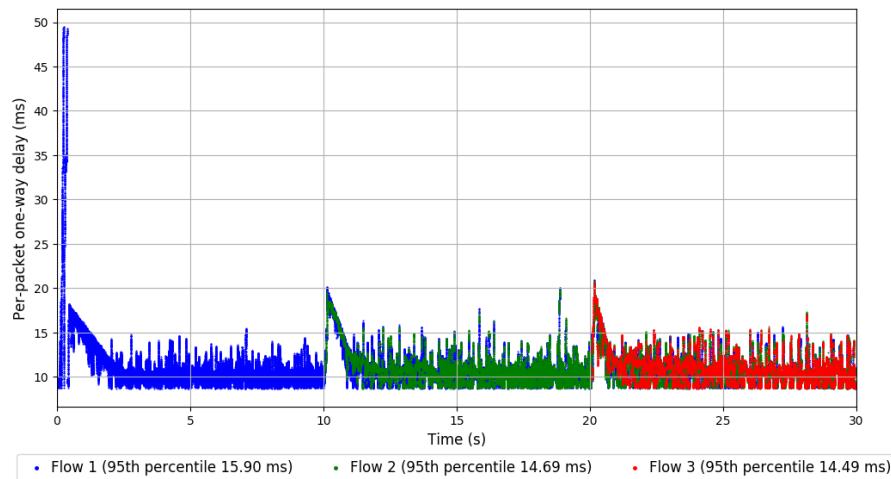
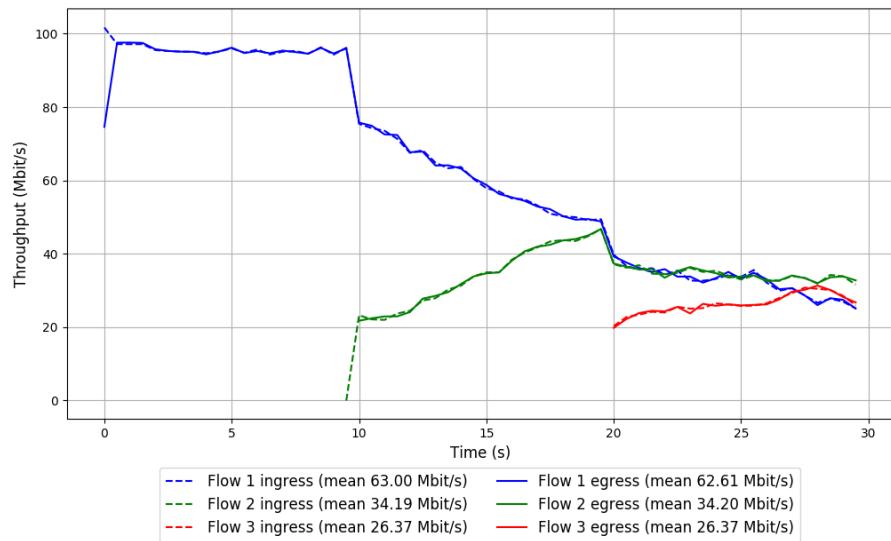


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 02:41:21 +0000
End at: Tue, 01 Aug 2017 02:41:51 +0000
Local clock offset: -0.311 ms
Remote clock offset: -3.276 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.12 Mbit/s
95th percentile per-packet one-way delay: 15.499 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 62.61 Mbit/s
95th percentile per-packet one-way delay: 15.905 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 14.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.37 Mbit/s
95th percentile per-packet one-way delay: 14.491 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Vegas — Data Link

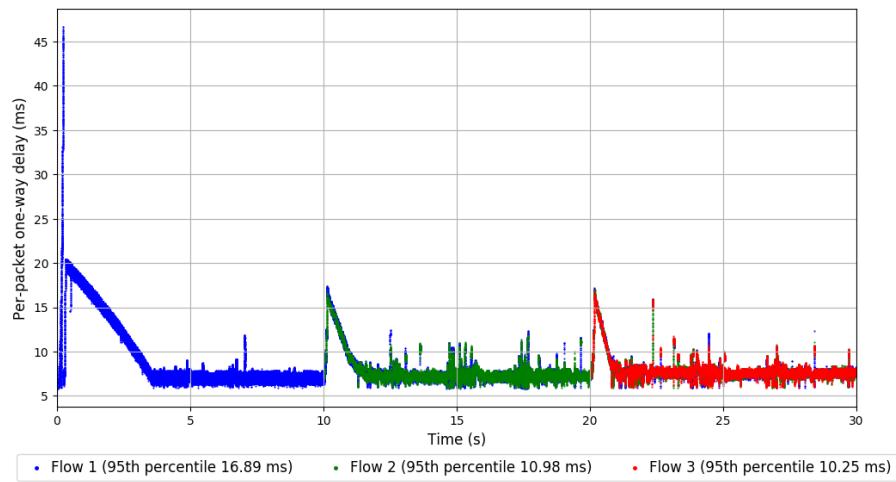
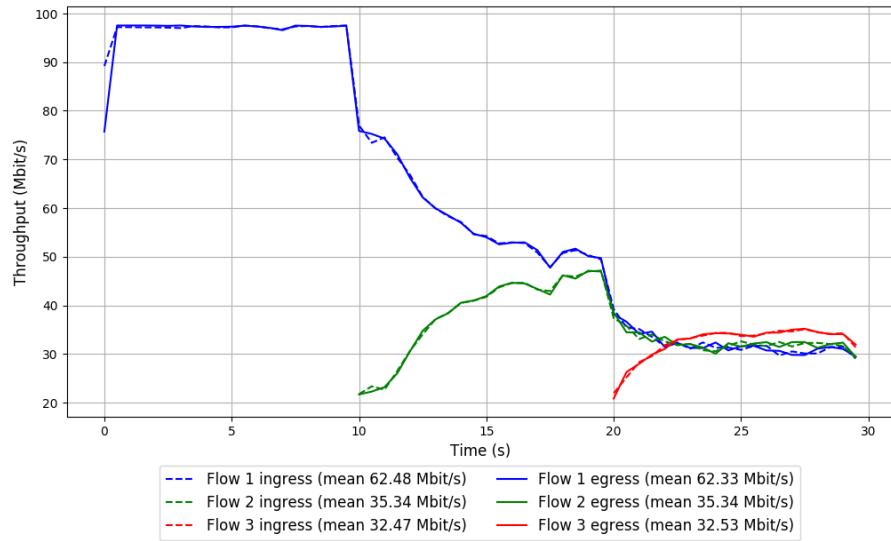


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:35:37 +0000
End at: Tue, 01 Aug 2017 03:36:07 +0000
Local clock offset: 1.173 ms
Remote clock offset: -5.105 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 15.600 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 62.33 Mbit/s
95th percentile per-packet one-way delay: 16.888 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 35.34 Mbit/s
95th percentile per-packet one-way delay: 10.984 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 32.53 Mbit/s
95th percentile per-packet one-way delay: 10.247 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

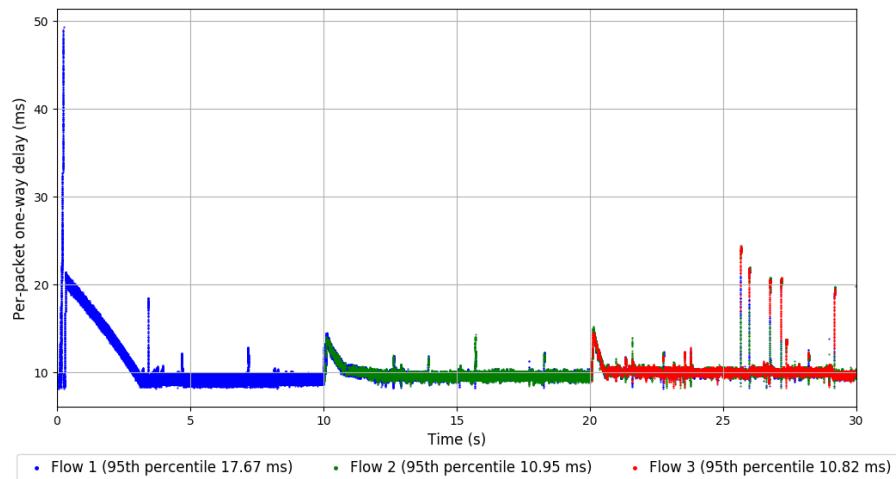
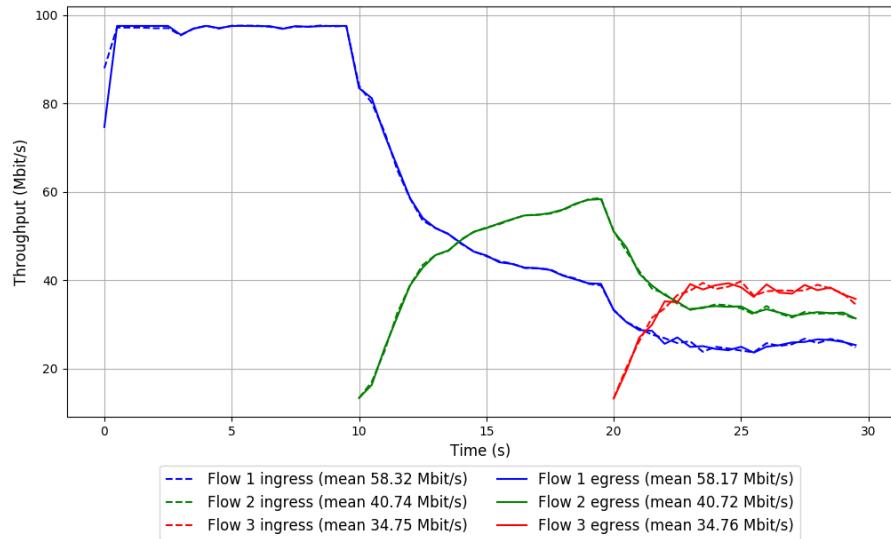


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:09:16 +0000
End at: Tue, 01 Aug 2017 04:09:46 +0000
Local clock offset: 1.566 ms
Remote clock offset: -2.974 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 15.717 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 17.670 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 40.72 Mbit/s
95th percentile per-packet one-way delay: 10.950 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.76 Mbit/s
95th percentile per-packet one-way delay: 10.821 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

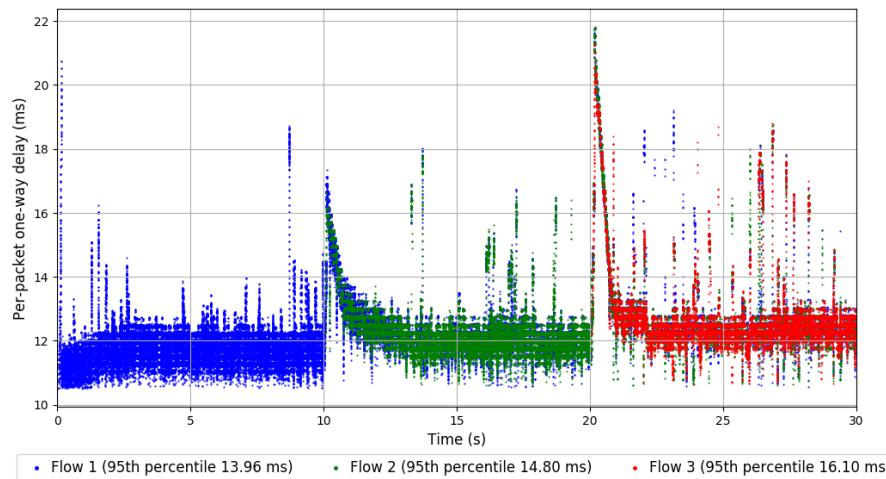
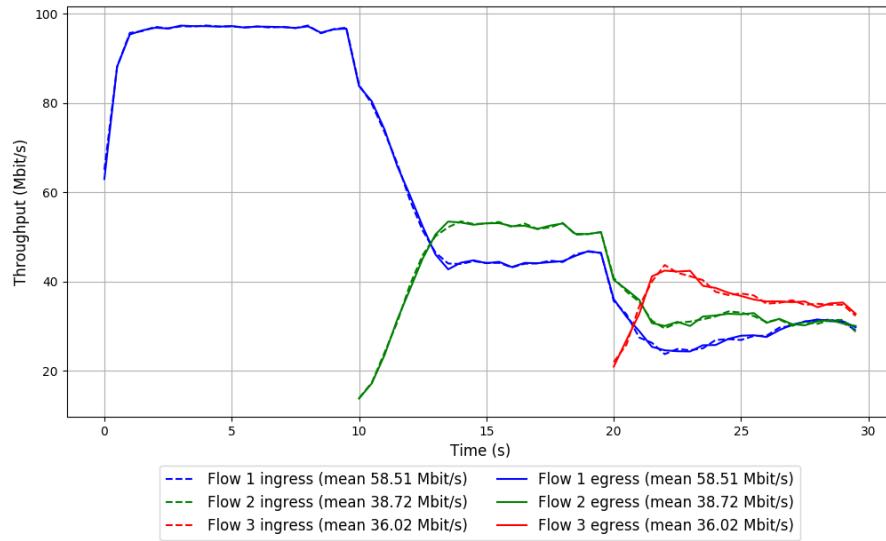


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:27:34 +0000
End at: Tue, 01 Aug 2017 04:28:04 +0000
Local clock offset: -0.863 ms
Remote clock offset: -3.246 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 14.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.51 Mbit/s
95th percentile per-packet one-way delay: 13.961 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 14.803 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: 16.100 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

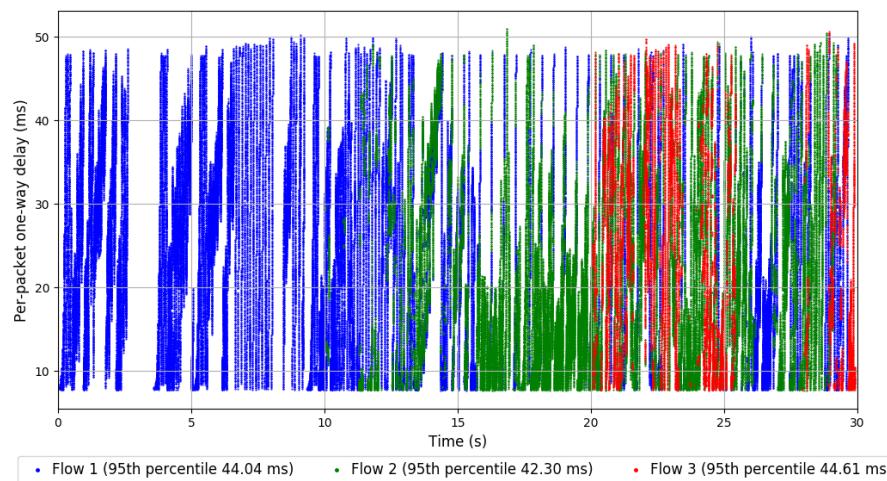
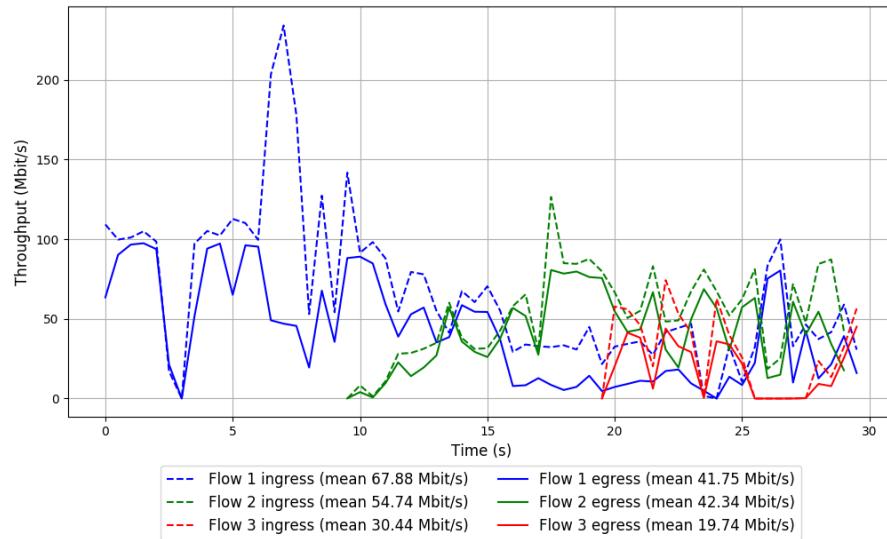


Run 1: Statistics of Verus

```
Start at: Mon, 31 Jul 2017 23:45:02 +0000
End at: Mon, 31 Jul 2017 23:45:32 +0000
Local clock offset: 1.792 ms
Remote clock offset: -4.235 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.21 Mbit/s
95th percentile per-packet one-way delay: 43.561 ms
Loss rate: 33.20%
-- Flow 1:
Average throughput: 41.75 Mbit/s
95th percentile per-packet one-way delay: 44.043 ms
Loss rate: 38.44%
-- Flow 2:
Average throughput: 42.34 Mbit/s
95th percentile per-packet one-way delay: 42.302 ms
Loss rate: 22.64%
-- Flow 3:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 44.613 ms
Loss rate: 35.16%
```

Run 1: Report of Verus — Data Link

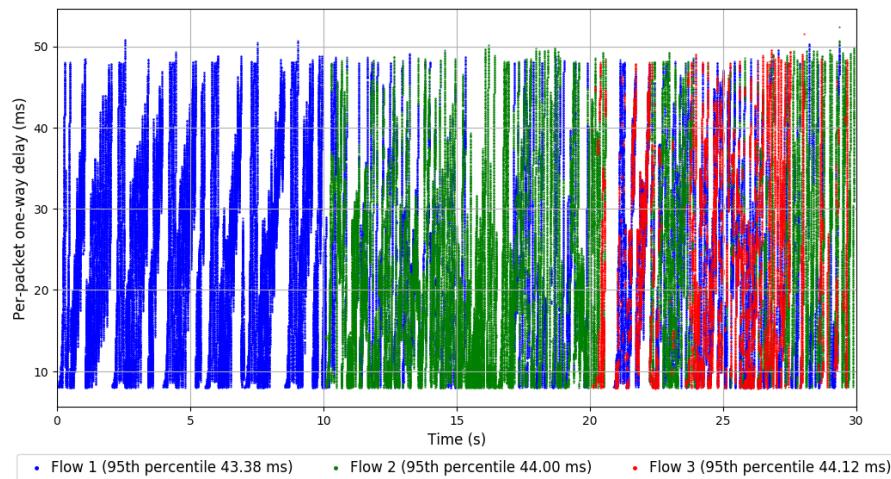
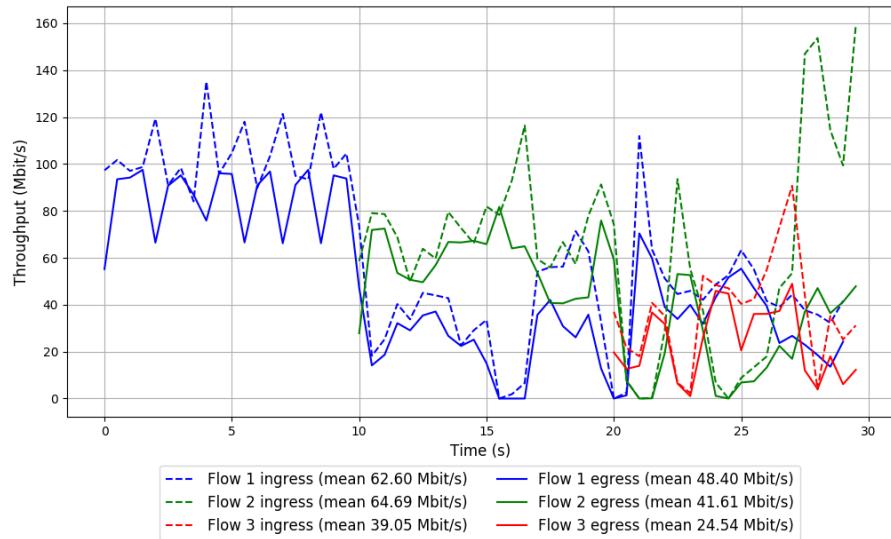


Run 2: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 00:03:02 +0000
End at: Tue, 01 Aug 2017 00:03:32 +0000
Local clock offset: 1.819 ms
Remote clock offset: -3.634 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.02 Mbit/s
95th percentile per-packet one-way delay: 43.653 ms
Loss rate: 29.01%
-- Flow 1:
Average throughput: 48.40 Mbit/s
95th percentile per-packet one-way delay: 43.380 ms
Loss rate: 22.63%
-- Flow 2:
Average throughput: 41.61 Mbit/s
95th percentile per-packet one-way delay: 43.999 ms
Loss rate: 35.70%
-- Flow 3:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 44.118 ms
Loss rate: 37.31%
```

Run 2: Report of Verus — Data Link

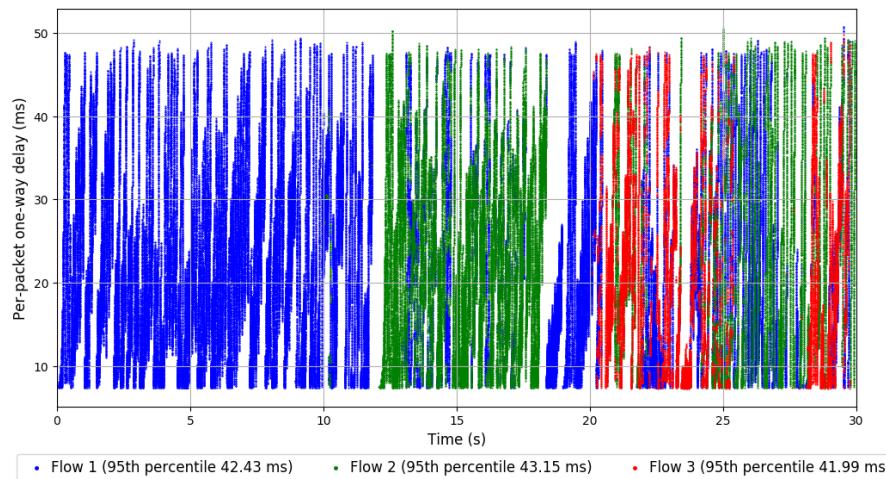
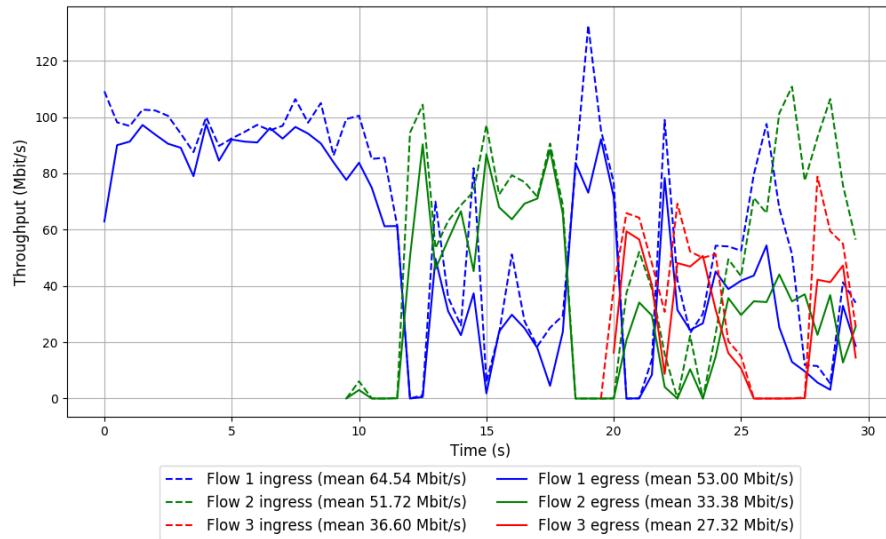


Run 3: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 00:22:52 +0000
End at: Tue, 01 Aug 2017 00:23:22 +0000
Local clock offset: 2.154 ms
Remote clock offset: -3.676 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 42.584 ms
Loss rate: 24.29%
-- Flow 1:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 42.429 ms
Loss rate: 17.83%
-- Flow 2:
Average throughput: 33.38 Mbit/s
95th percentile per-packet one-way delay: 43.148 ms
Loss rate: 35.40%
-- Flow 3:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 41.986 ms
Loss rate: 26.88%
```

Run 3: Report of Verus — Data Link

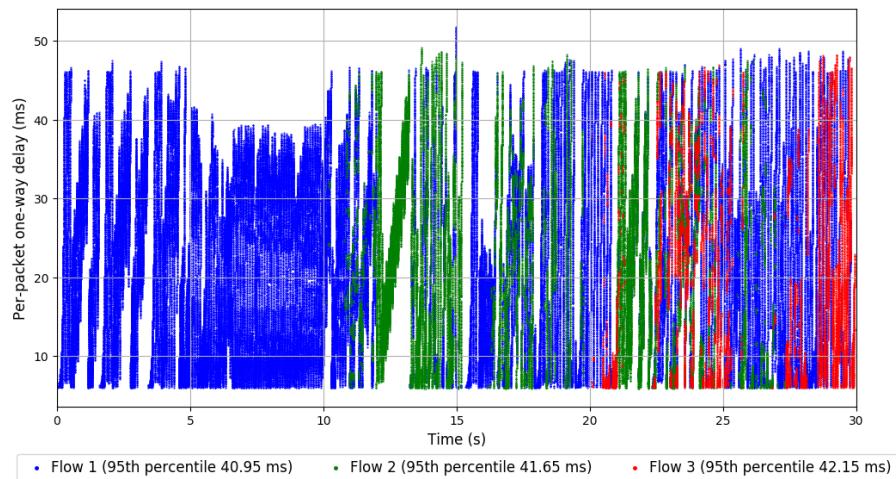
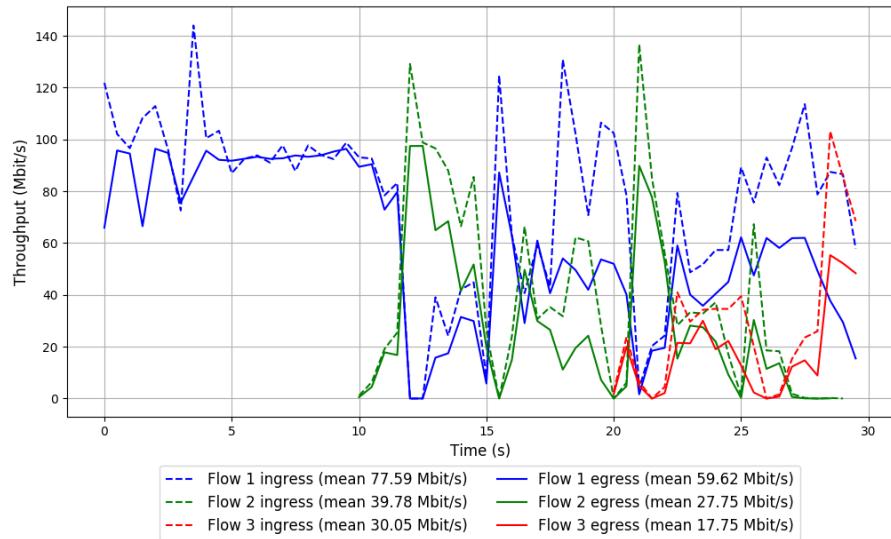


Run 4: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 01:11:32 +0000
End at: Tue, 01 Aug 2017 01:12:02 +0000
Local clock offset: 2.884 ms
Remote clock offset: -4.25 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:33:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.69 Mbit/s
95th percentile per-packet one-way delay: 41.200 ms
Loss rate: 26.59%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 40.952 ms
Loss rate: 23.22%
-- Flow 2:
Average throughput: 27.75 Mbit/s
95th percentile per-packet one-way delay: 41.649 ms
Loss rate: 31.14%
-- Flow 3:
Average throughput: 17.75 Mbit/s
95th percentile per-packet one-way delay: 42.154 ms
Loss rate: 41.08%
```

Run 4: Report of Verus — Data Link

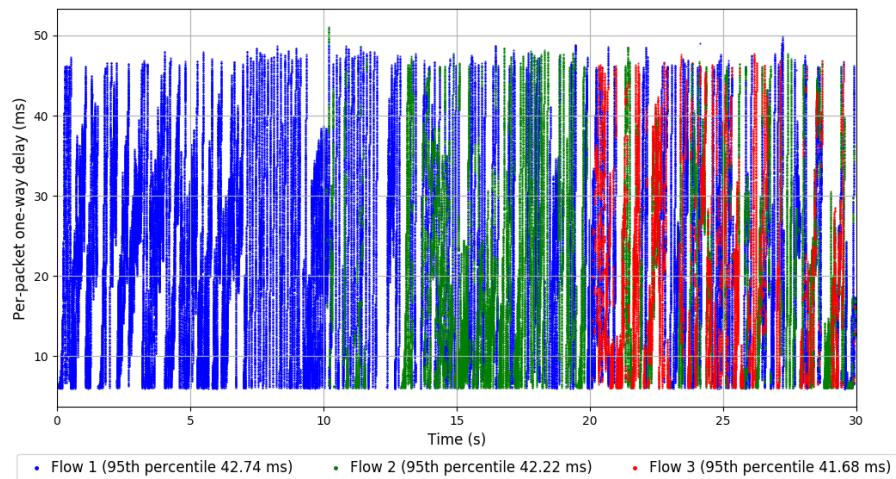
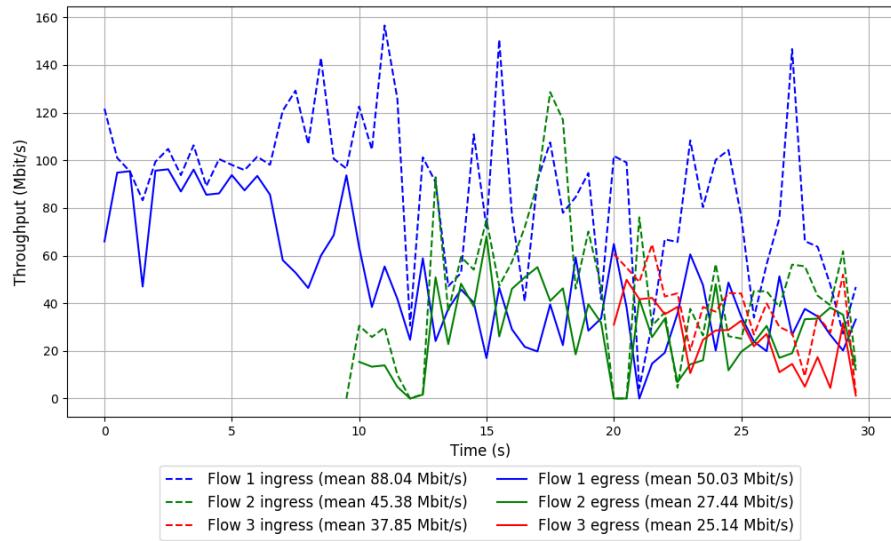


Run 5: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 01:30:57 +0000
End at: Tue, 01 Aug 2017 01:31:27 +0000
Local clock offset: 2.736 ms
Remote clock offset: -4.216 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.61 Mbit/s
95th percentile per-packet one-way delay: 42.506 ms
Loss rate: 41.41%
-- Flow 1:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 42.745 ms
Loss rate: 43.16%
-- Flow 2:
Average throughput: 27.44 Mbit/s
95th percentile per-packet one-way delay: 42.216 ms
Loss rate: 39.55%
-- Flow 3:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: 41.681 ms
Loss rate: 33.60%
```

Run 5: Report of Verus — Data Link

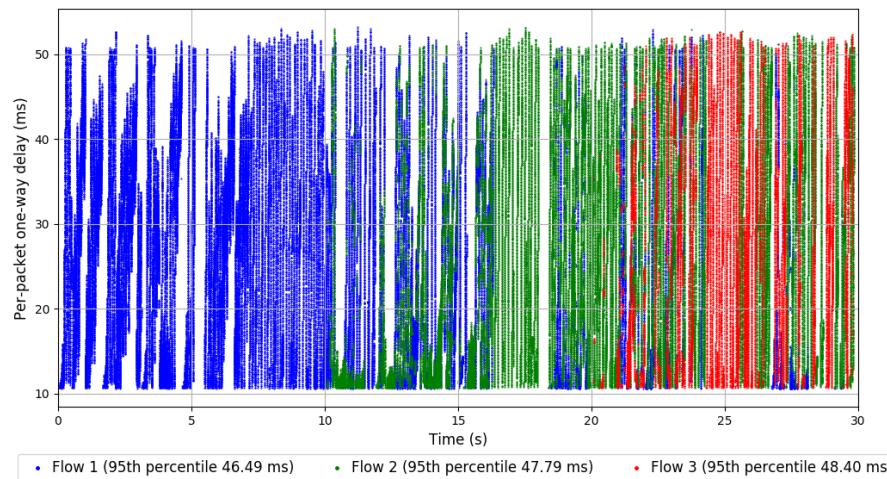
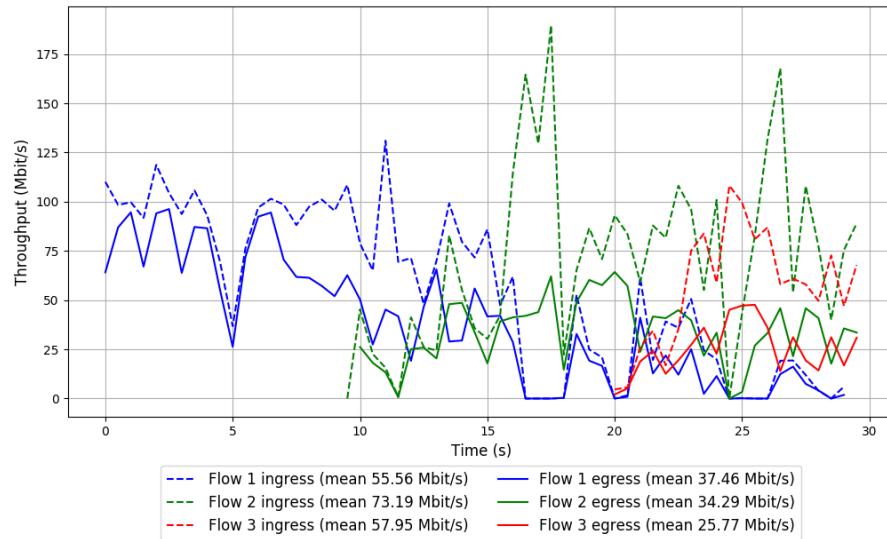


Run 6: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 02:14:59 +0000
End at: Tue, 01 Aug 2017 02:15:29 +0000
Local clock offset: -2.338 ms
Remote clock offset: -3.218 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 47.314 ms
Loss rate: 44.31%
-- Flow 1:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 46.495 ms
Loss rate: 32.63%
-- Flow 2:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 47.792 ms
Loss rate: 53.11%
-- Flow 3:
Average throughput: 25.77 Mbit/s
95th percentile per-packet one-way delay: 48.397 ms
Loss rate: 55.61%
```

Run 6: Report of Verus — Data Link

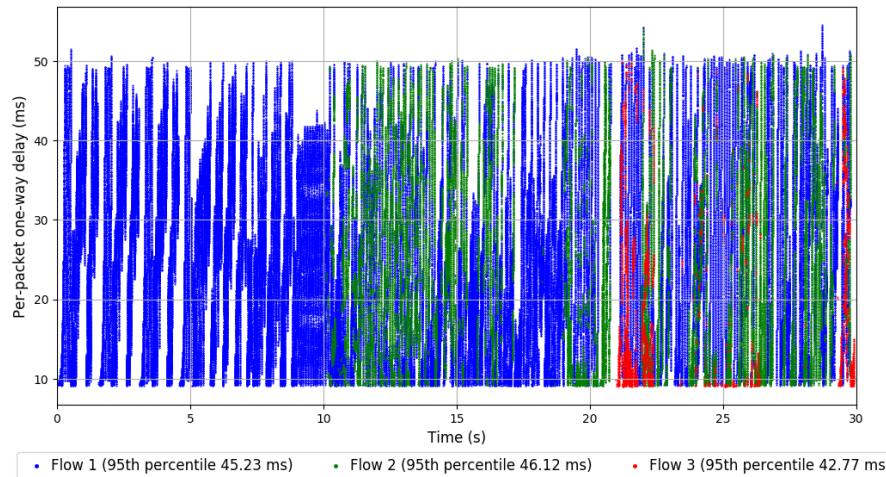
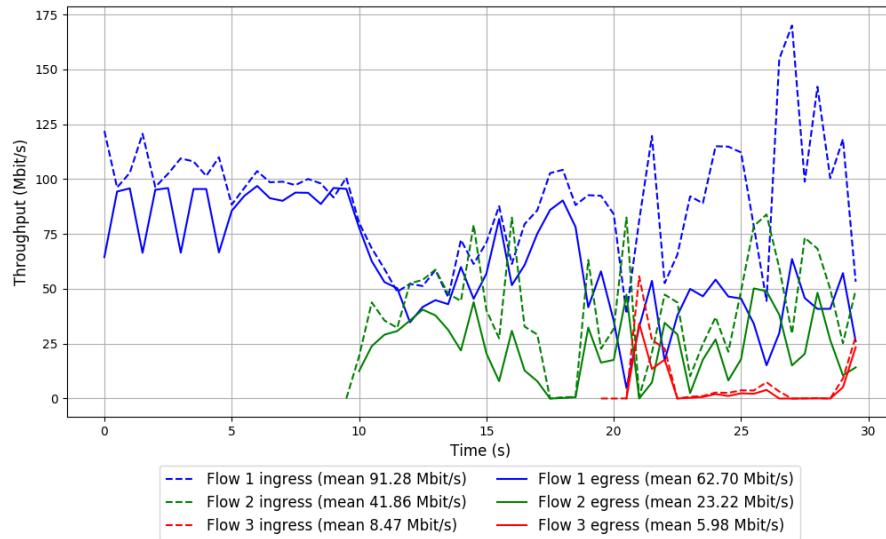


Run 7: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:06:38 +0000
End at: Tue, 01 Aug 2017 03:07:08 +0000
Local clock offset: -0.607 ms
Remote clock offset: -3.58 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.56 Mbit/s
95th percentile per-packet one-way delay: 45.390 ms
Loss rate: 34.42%
-- Flow 1:
Average throughput: 62.70 Mbit/s
95th percentile per-packet one-way delay: 45.228 ms
Loss rate: 31.30%
-- Flow 2:
Average throughput: 23.22 Mbit/s
95th percentile per-packet one-way delay: 46.118 ms
Loss rate: 44.47%
-- Flow 3:
Average throughput: 5.98 Mbit/s
95th percentile per-packet one-way delay: 42.767 ms
Loss rate: 36.47%
```

Run 7: Report of Verus — Data Link

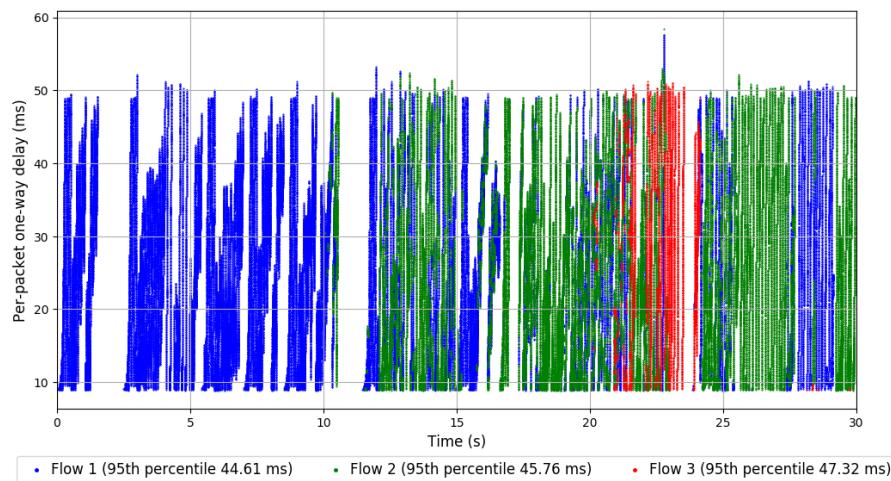
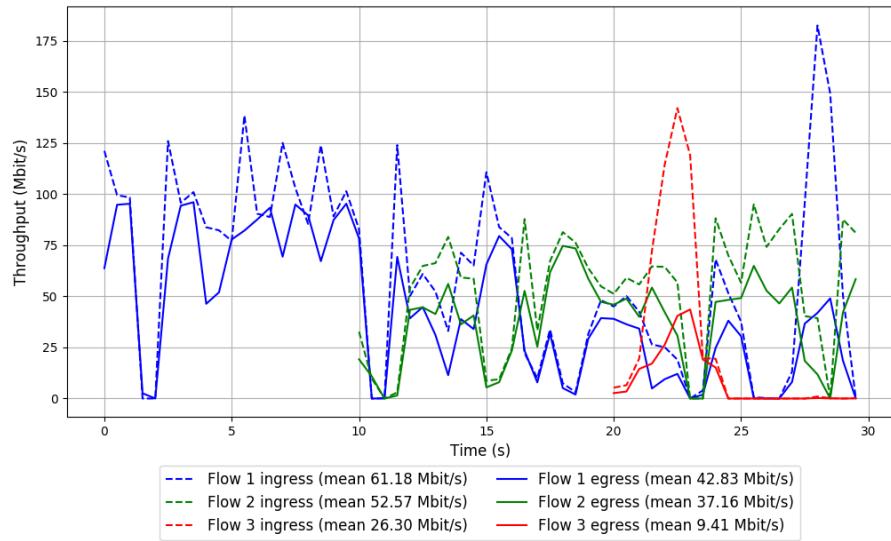


Run 8: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:52:10 +0000
End at: Tue, 01 Aug 2017 03:52:40 +0000
Local clock offset: -0.549 ms
Remote clock offset: -3.999 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.32 Mbit/s
95th percentile per-packet one-way delay: 45.200 ms
Loss rate: 32.87%
-- Flow 1:
Average throughput: 42.83 Mbit/s
95th percentile per-packet one-way delay: 44.609 ms
Loss rate: 30.41%
-- Flow 2:
Average throughput: 37.16 Mbit/s
95th percentile per-packet one-way delay: 45.758 ms
Loss rate: 29.24%
-- Flow 3:
Average throughput: 9.41 Mbit/s
95th percentile per-packet one-way delay: 47.322 ms
Loss rate: 64.87%
```

Run 8: Report of Verus — Data Link

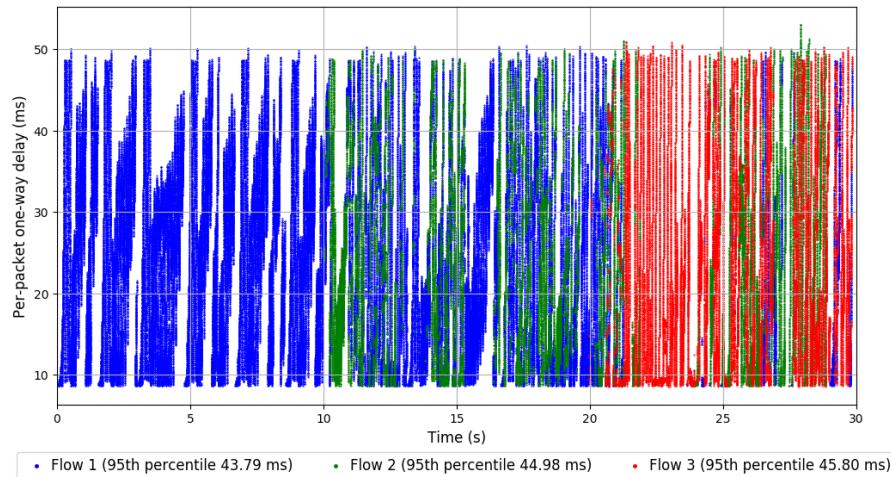
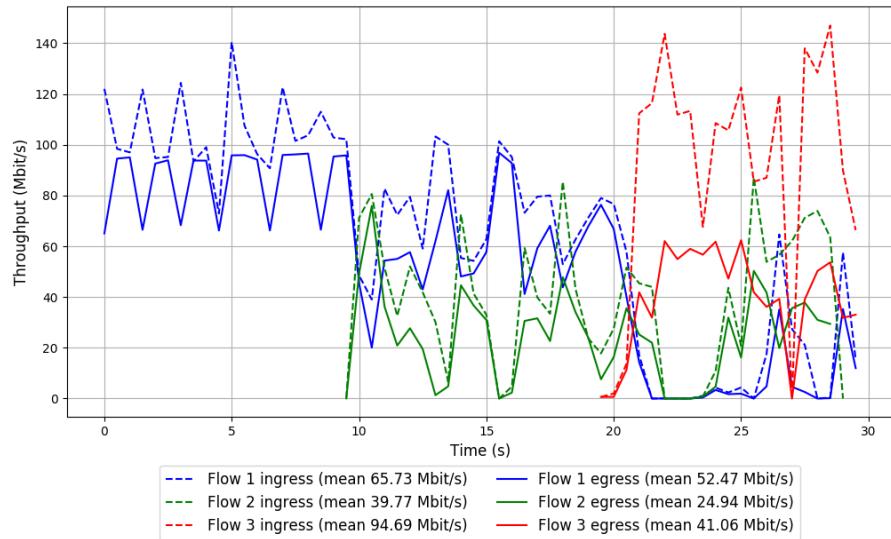


Run 9: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 04:15:19 +0000
End at: Tue, 01 Aug 2017 04:15:49 +0000
Local clock offset: 2.216 ms
Remote clock offset: -1.902 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.01 Mbit/s
95th percentile per-packet one-way delay: 44.406 ms
Loss rate: 33.29%
-- Flow 1:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 43.787 ms
Loss rate: 20.15%
-- Flow 2:
Average throughput: 24.94 Mbit/s
95th percentile per-packet one-way delay: 44.977 ms
Loss rate: 38.26%
-- Flow 3:
Average throughput: 41.06 Mbit/s
95th percentile per-packet one-way delay: 45.796 ms
Loss rate: 56.63%
```

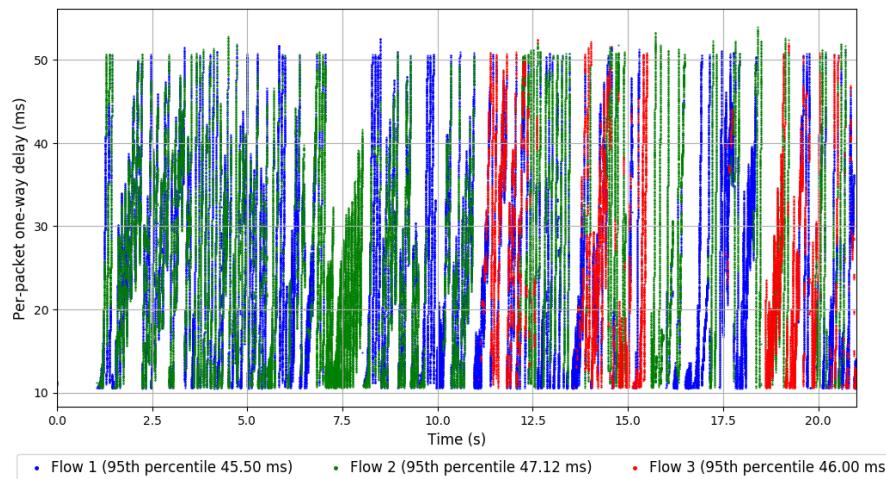
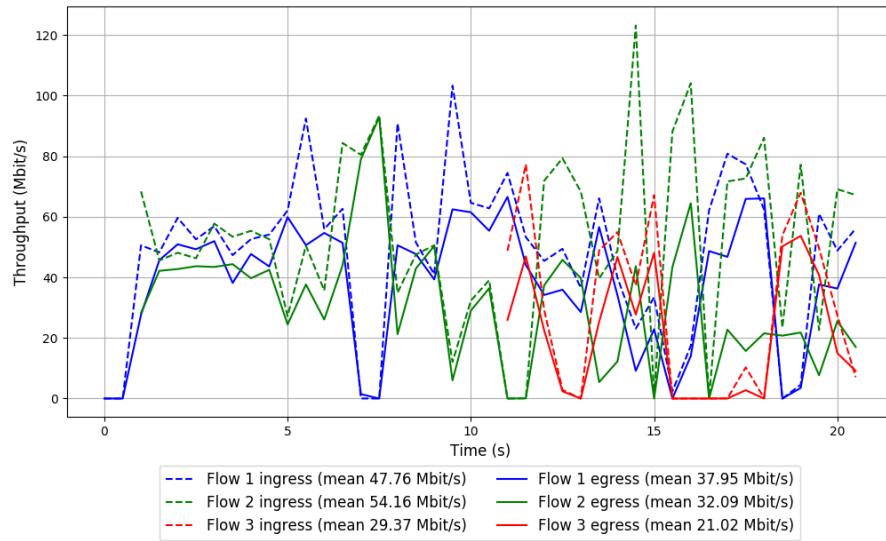
Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Tue, 01 Aug 2017 04:34:08 +0000
End at: Tue, 01 Aug 2017 04:34:38 +0000
Local clock offset: -0.704 ms
Remote clock offset: -3.19 ms

Run 10: Report of Verus — Data Link

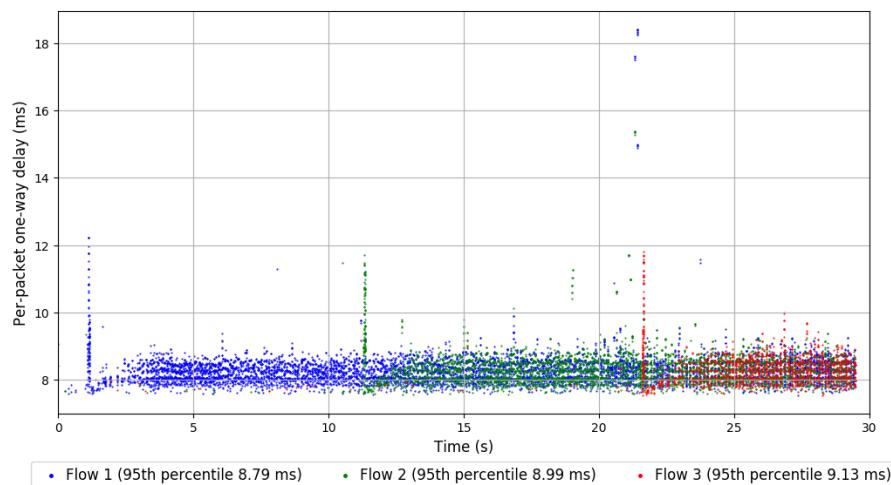
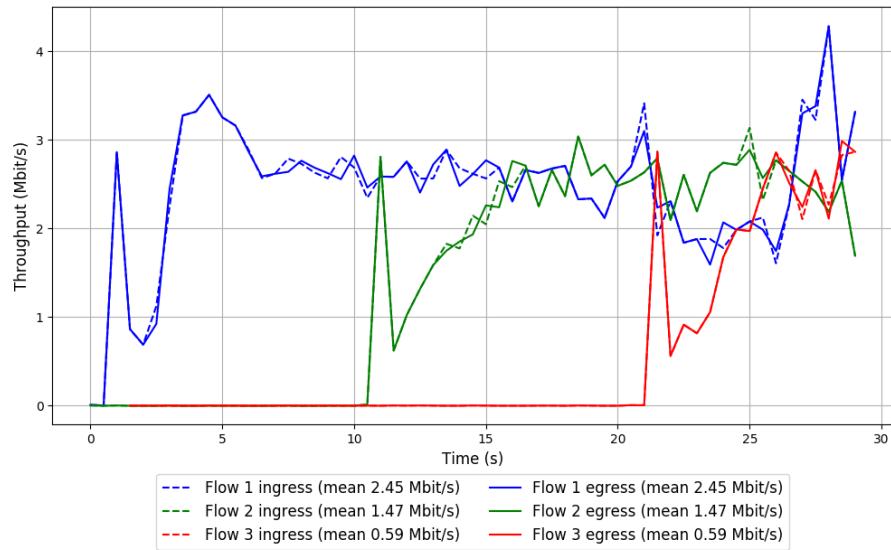


```
Run 1: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 23:47:30 +0000
End at: Mon, 31 Jul 2017 23:48:00 +0000
Local clock offset: 1.83 ms
Remote clock offset: -4.089 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 8.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 8.795 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 8.994 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 9.130 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

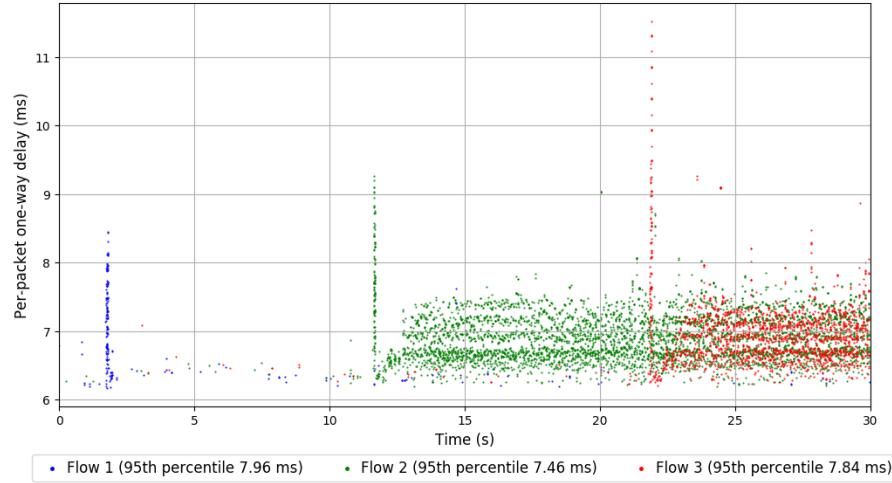
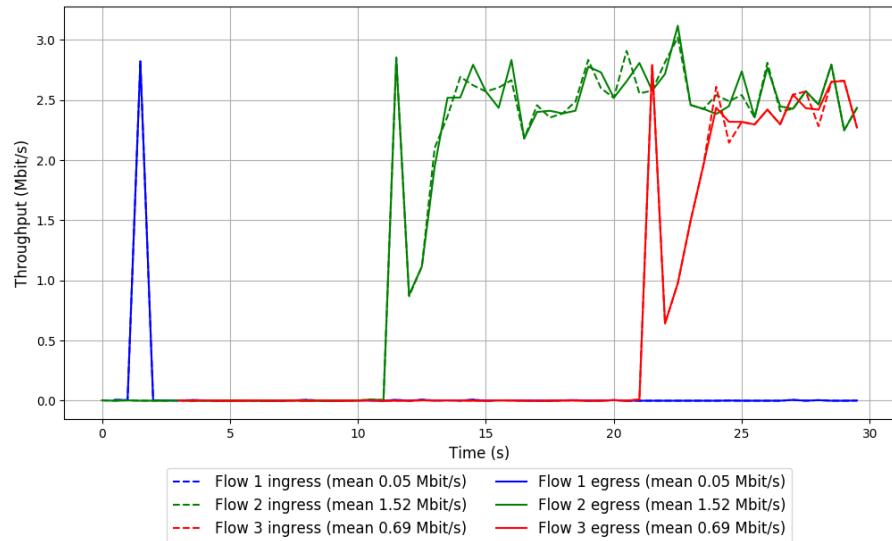


Run 2: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 00:05:45 +0000
End at: Tue, 01 Aug 2017 00:06:15 +0000
Local clock offset: 2.355 ms
Remote clock offset: -4.697 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 7.554 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.963 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 7.463 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 7.839 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

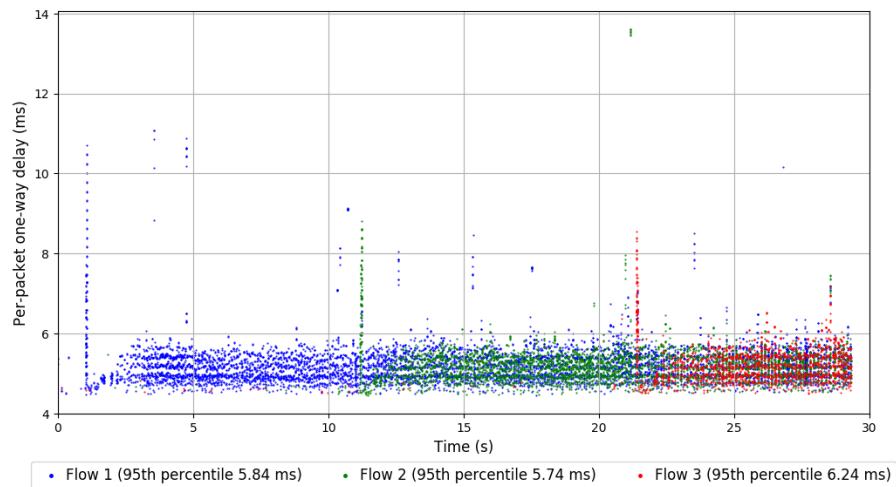
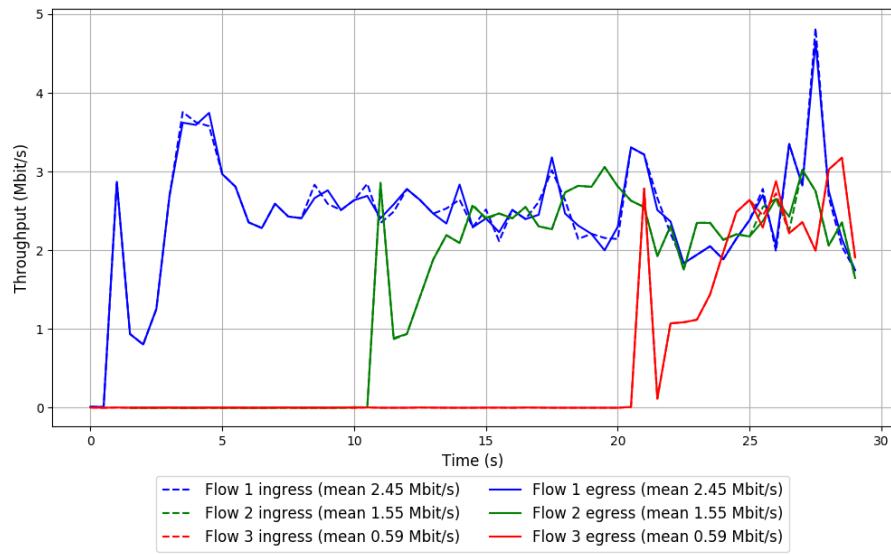


Run 3: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 00:25:39 +0000
End at: Tue, 01 Aug 2017 00:26:09 +0000
Local clock offset: 4.394 ms
Remote clock offset: -4.244 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 5.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 5.842 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 5.738 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 6.242 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

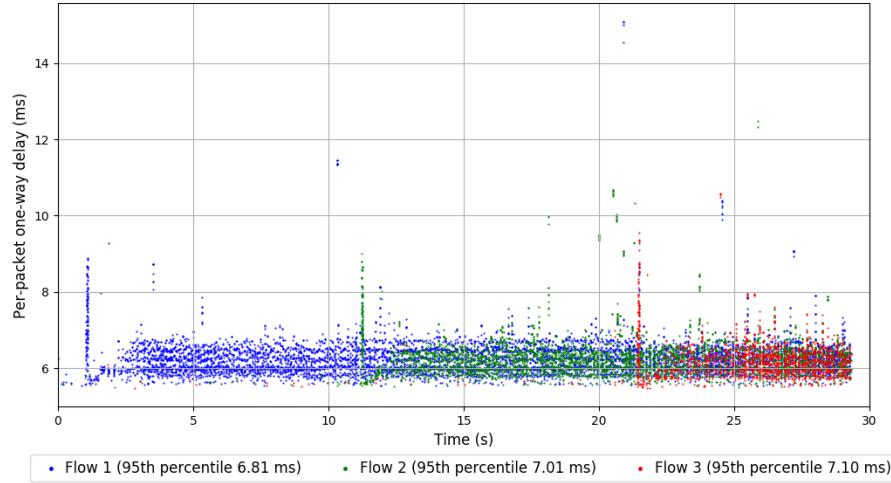
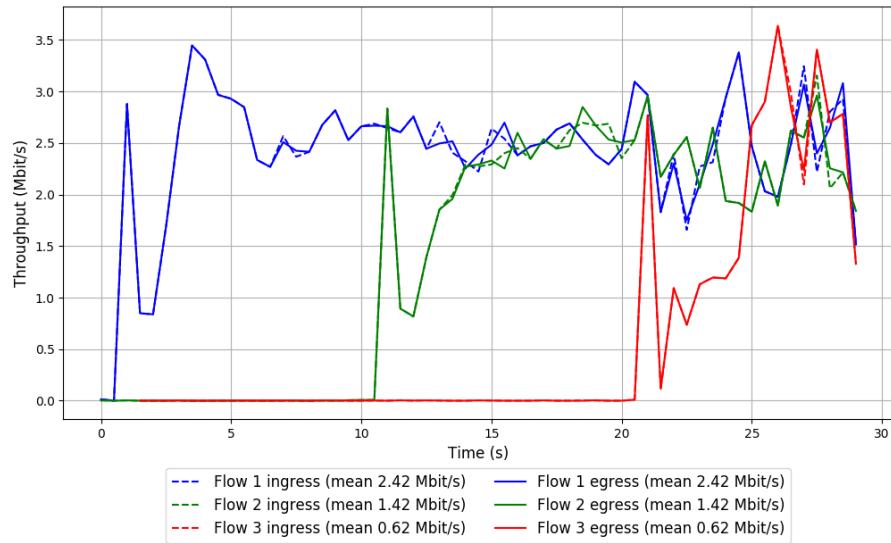


Run 4: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 01:14:05 +0000
End at: Tue, 01 Aug 2017 01:14:35 +0000
Local clock offset: 2.545 ms
Remote clock offset: -4.888 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 6.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 6.812 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 7.006 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 7.104 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

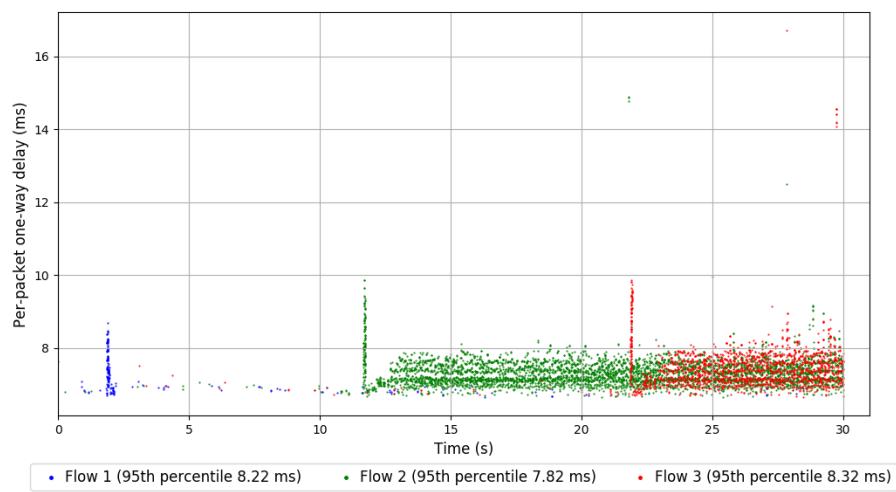
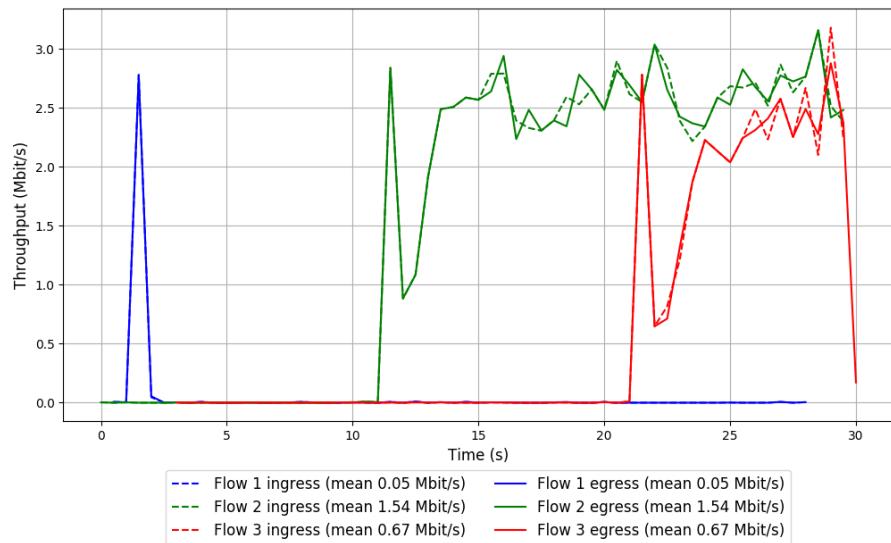


Run 5: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 01:39:56 +0000
End at: Tue, 01 Aug 2017 01:40:26 +0000
Local clock offset: 1.8 ms
Remote clock offset: -4.064 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 8.006 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 8.225 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 7.822 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 8.322 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

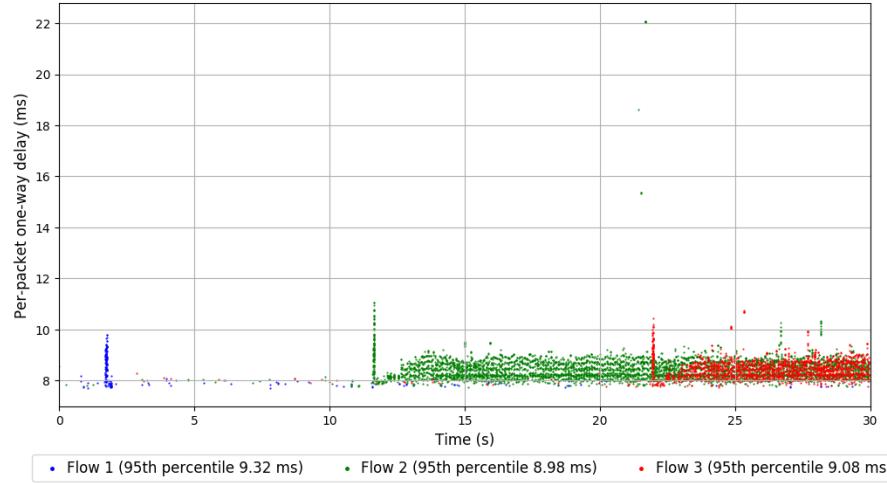
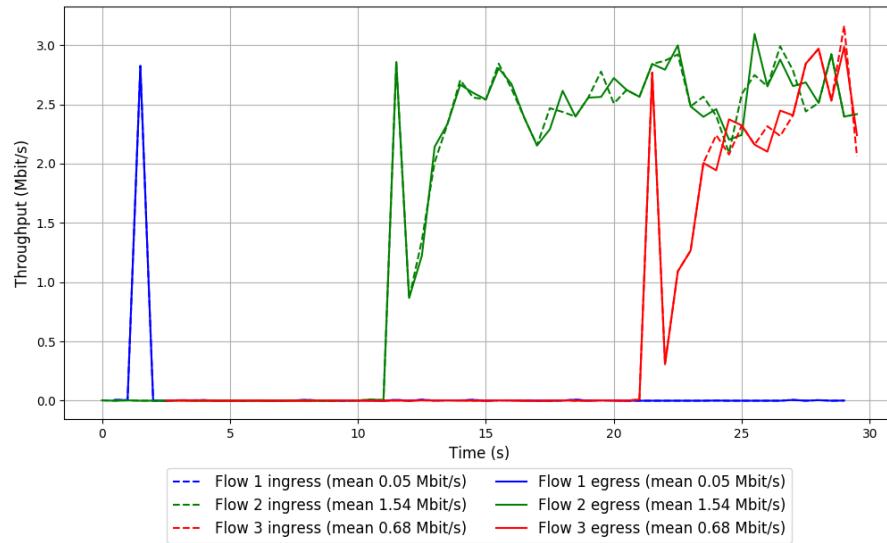


```
Run 6: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 02:18:49 +0000
End at: Tue, 01 Aug 2017 02:19:19 +0000
Local clock offset: 0.144 ms
Remote clock offset: -3.374 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 9.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 9.324 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 8.978 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 9.084 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

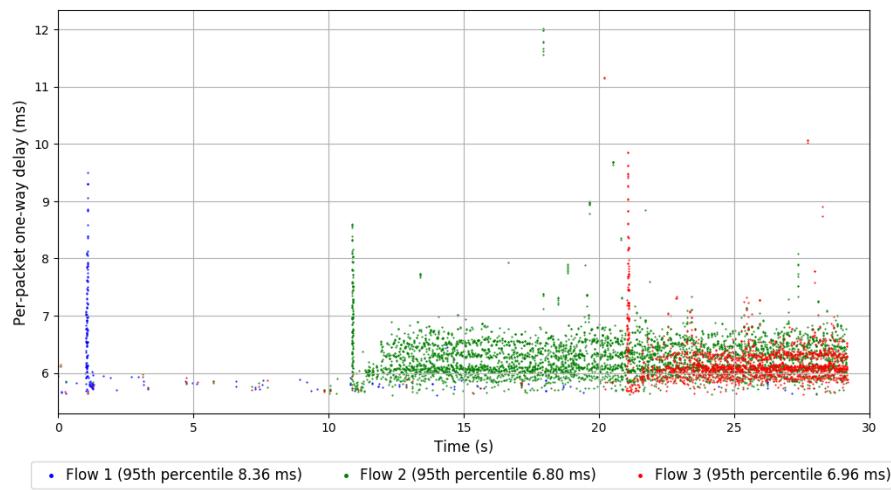
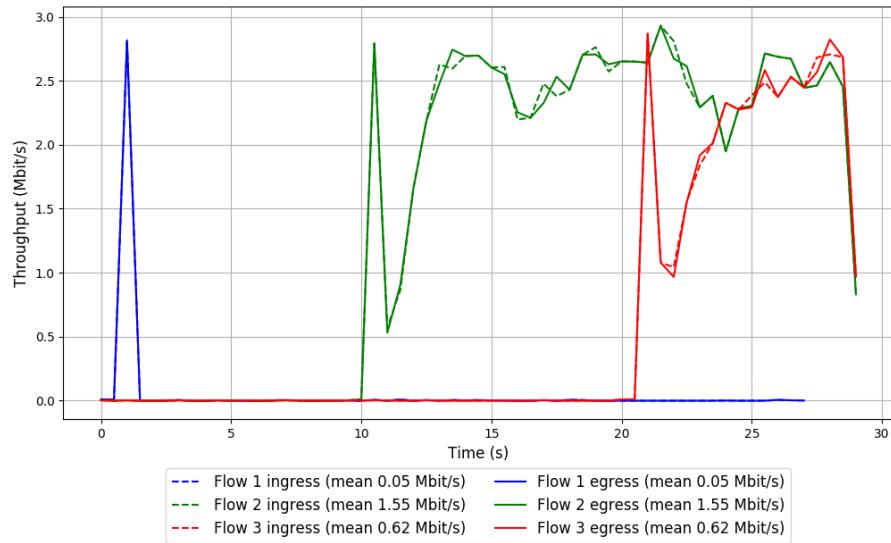


Run 7: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:09:11 +0000
End at: Tue, 01 Aug 2017 03:09:41 +0000
Local clock offset: 1.086 ms
Remote clock offset: -5.219 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 6.881 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 8.362 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 6.797 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 6.955 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

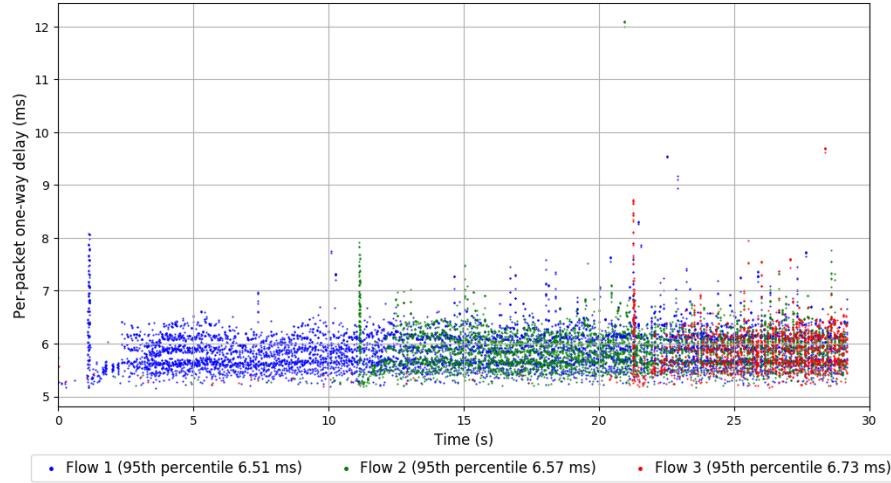
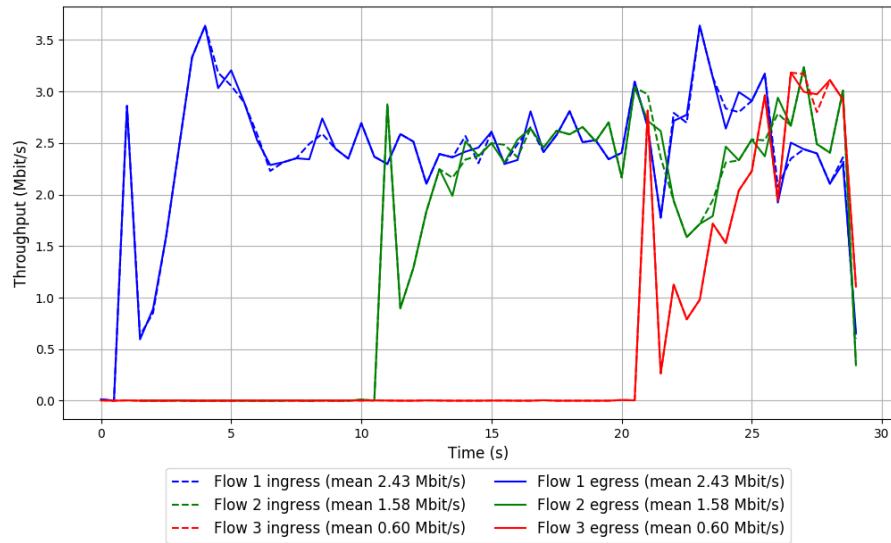


Run 8: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:57:04 +0000
End at: Tue, 01 Aug 2017 03:57:34 +0000
Local clock offset: 1.907 ms
Remote clock offset: -5.096 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 6.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 6.509 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 6.568 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 6.727 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

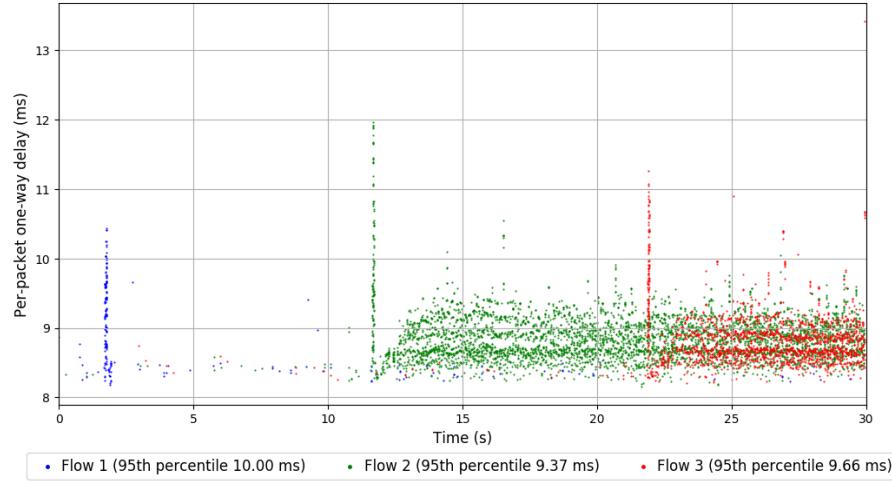
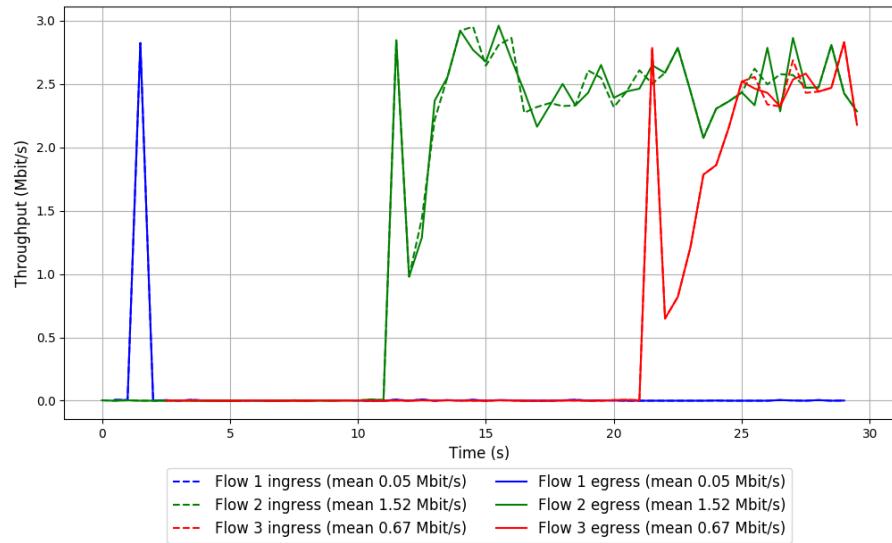


Run 9: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:17:47 +0000
End at: Tue, 01 Aug 2017 04:18:17 +0000
Local clock offset: 2.347 ms
Remote clock offset: -2.003 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 9.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 10.003 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 9.370 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 9.661 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:36:43 +0000
End at: Tue, 01 Aug 2017 04:37:13 +0000
Local clock offset: 2.27 ms
Remote clock offset: -3.176 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 08:34:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 8.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 8.799 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 8.921 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 12.902 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

