

Pantheon Summary (Generated at Tue, 01 Aug 2017 10:29:58 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 15 congestion control schemes 10 times.

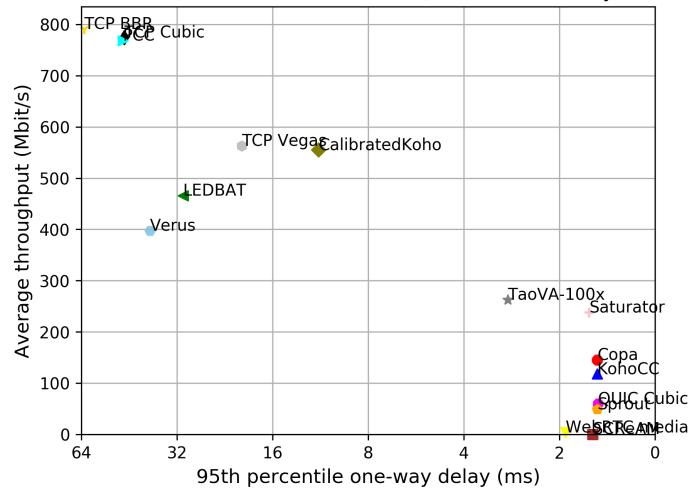
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

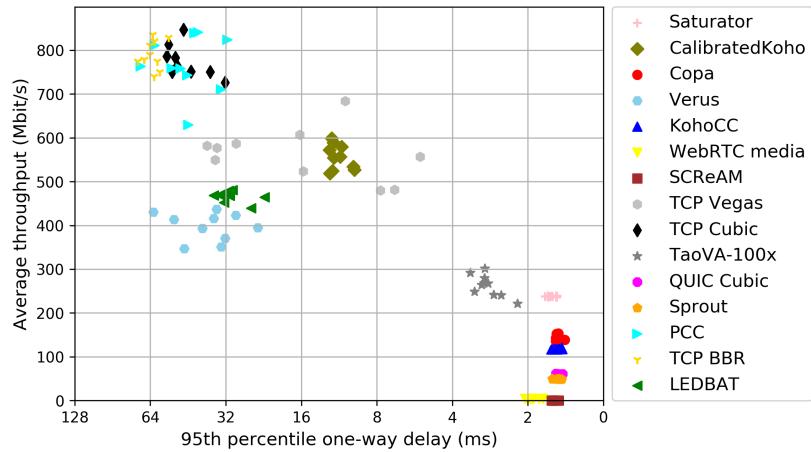
NTP offset measured against time.stanford.edu and has been applied to correct the timestamps in logs.

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
M scripts/merge-tunnel-logs
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 Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



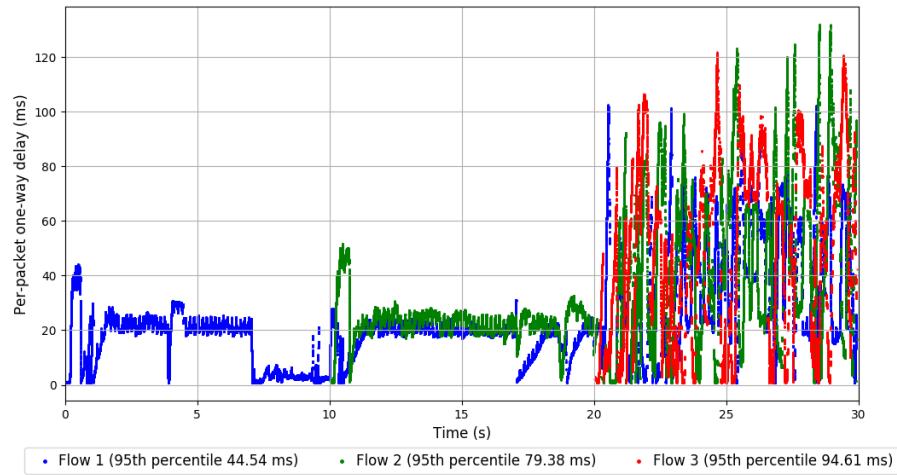
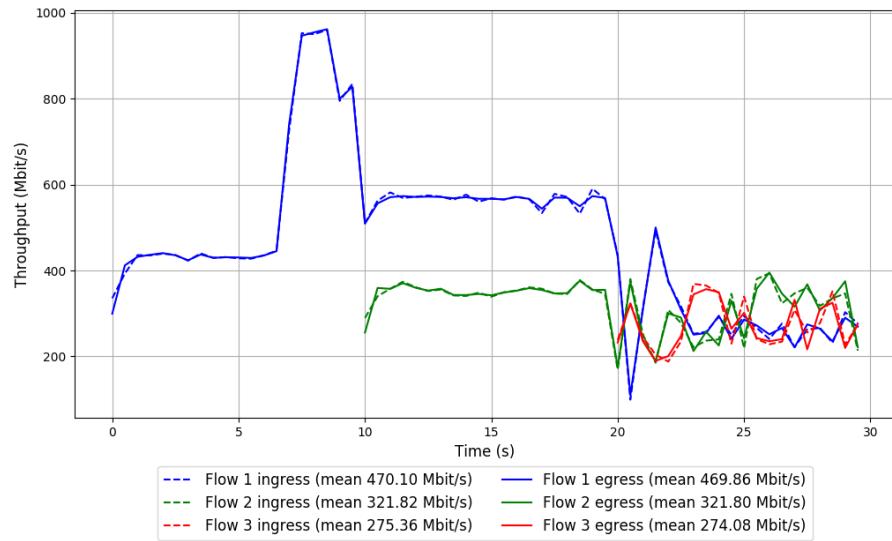
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	448.32	373.61	283.46	49.87	63.16	81.85	0.17	0.28	0.61
CalibratedKoho	10	322.63	261.96	177.00	10.64	12.09	14.23	0.06	0.11	0.28
Copa	10	75.35	71.36	68.42	1.19	1.22	1.23	0.05	0.09	0.21
TCP Cubic	10	407.61	395.71	291.80	40.10	44.25	61.26	0.10	0.17	0.40
KohoCC	10	59.04	59.50	58.69	1.21	1.20	1.26	0.06	0.09	0.19
LEDBAT	10	271.21	215.36	156.40	27.08	33.64	34.79	0.11	0.21	0.51
PCC	10	556.93	256.95	123.58	52.98	15.53	9.83	2.19	0.51	0.60
QUIC Cubic	10	0.30	65.77	50.97	1.22	1.20	1.19	0.00	0.08	0.21
Saturator	10	119.16	119.23	118.68	1.39	1.33	1.39	0.07	0.10	0.20
SCReAM	10	0.22	0.22	0.22	1.31	1.29	1.28	0.03	0.02	0.14
Sprout	10	24.74	24.55	24.45	1.20	1.22	1.22	0.10	0.15	0.23
TaoVA-100x	10	159.71	110.92	88.10	2.50	3.53	2.19	0.03	0.05	0.18
TCP Vegas	10	277.67	284.18	289.87	9.44	13.96	10.94	0.06	0.08	0.21
Verus	10	238.61	172.05	135.48	43.65	28.26	34.39	0.61	0.14	0.29
WebRTC media	10	2.35	1.42	0.44	1.77	1.92	2.44	0.11	0.18	0.38

Run 1: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 03:21:53 +0000
End at: Tue, 01 Aug 2017 03:22:23 +0000
Local clock offset: -0.094 ms
Remote clock offset: -0.952 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:32:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 774.74 Mbit/s
95th percentile per-packet one-way delay: 71.851 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 469.86 Mbit/s
95th percentile per-packet one-way delay: 44.537 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 321.80 Mbit/s
95th percentile per-packet one-way delay: 79.377 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 274.08 Mbit/s
95th percentile per-packet one-way delay: 94.614 ms
Loss rate: 0.71%
```

Run 1: Report of TCP BBR — Data Link

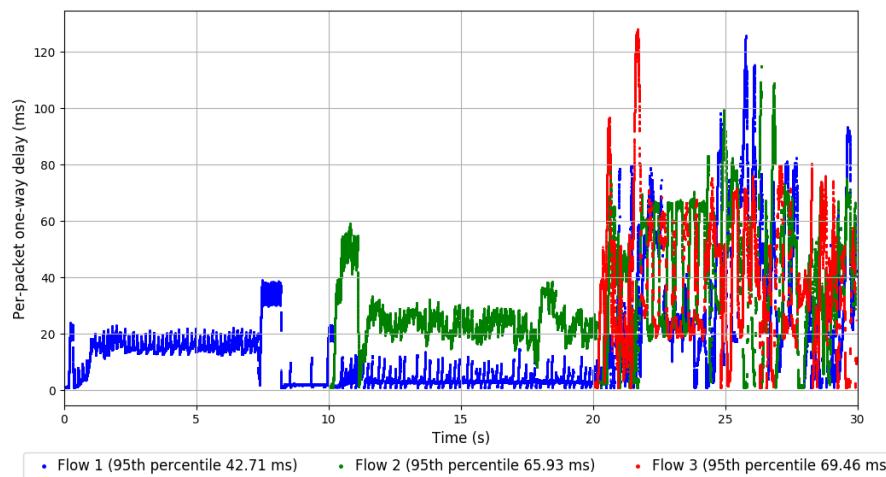
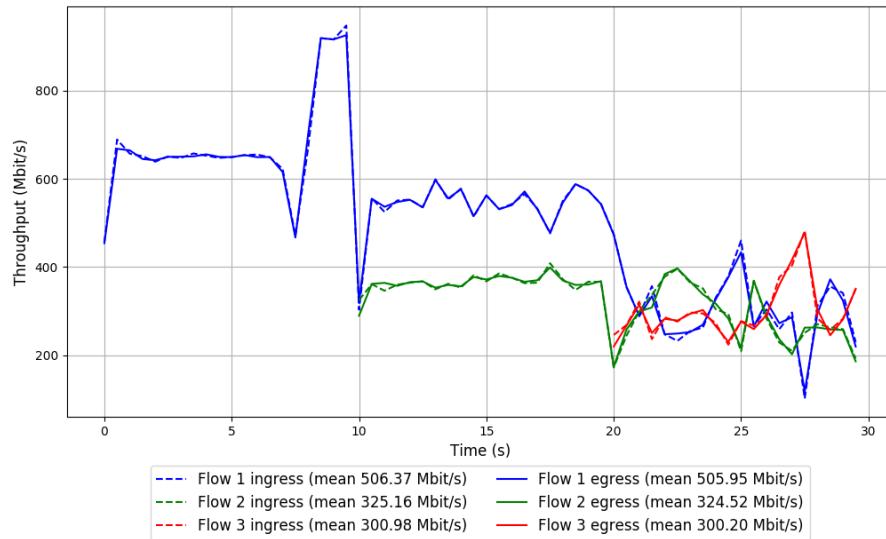


Run 2: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 03:44:19 +0000
End at: Tue, 01 Aug 2017 03:44:49 +0000
Local clock offset: -0.16 ms
Remote clock offset: -1.003 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:32:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 821.36 Mbit/s
95th percentile per-packet one-way delay: 61.567 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 505.95 Mbit/s
95th percentile per-packet one-way delay: 42.710 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 324.52 Mbit/s
95th percentile per-packet one-way delay: 65.933 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 300.20 Mbit/s
95th percentile per-packet one-way delay: 69.459 ms
Loss rate: 0.36%
```

Run 2: Report of TCP BBR — Data Link

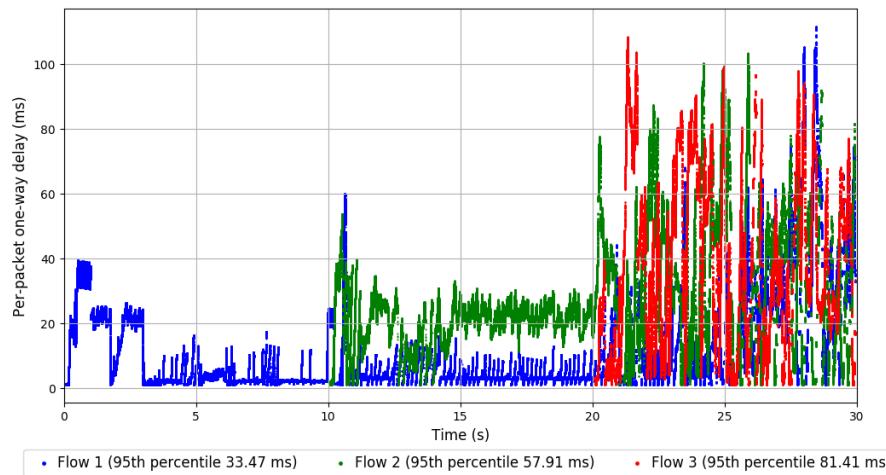
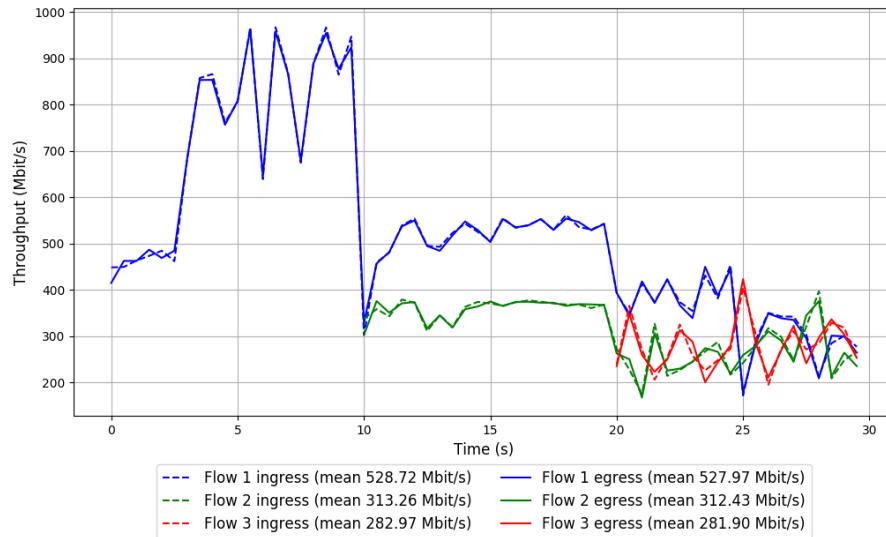


Run 3: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 04:06:58 +0000
End at: Tue, 01 Aug 2017 04:07:28 +0000
Local clock offset: -0.042 ms
Remote clock offset: -1.155 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:34:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 828.98 Mbit/s
95th percentile per-packet one-way delay: 54.058 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 527.97 Mbit/s
95th percentile per-packet one-way delay: 33.469 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 312.43 Mbit/s
95th percentile per-packet one-way delay: 57.905 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 281.90 Mbit/s
95th percentile per-packet one-way delay: 81.413 ms
Loss rate: 0.48%
```

Run 3: Report of TCP BBR — Data Link

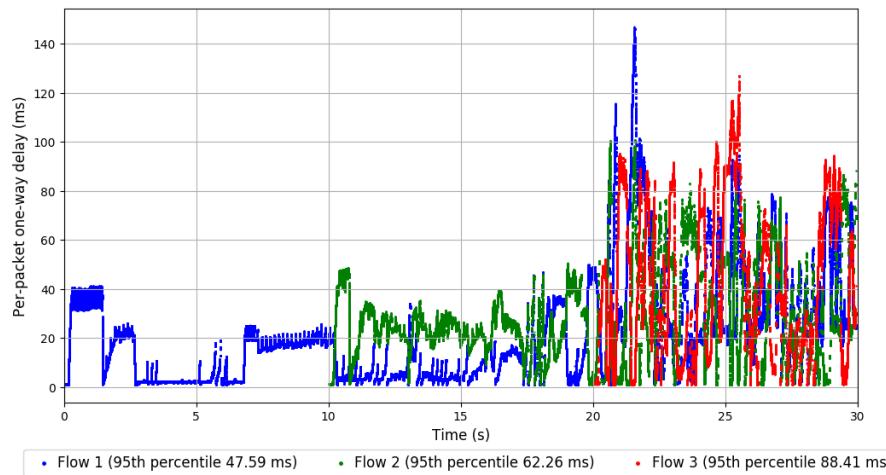
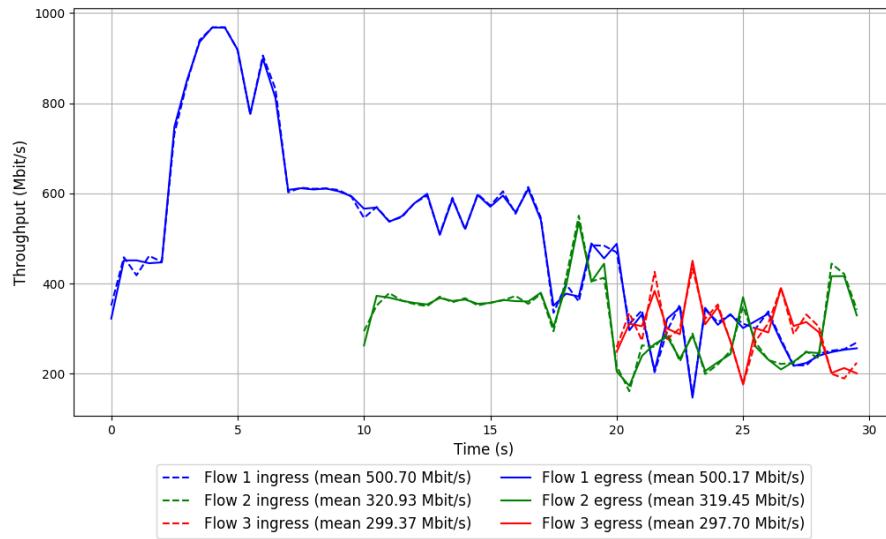


Run 4: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 04:29:44 +0000
End at: Tue, 01 Aug 2017 04:30:14 +0000
Local clock offset: -0.108 ms
Remote clock offset: -1.153 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:34:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 811.17 Mbit/s
95th percentile per-packet one-way delay: 64.363 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 500.17 Mbit/s
95th percentile per-packet one-way delay: 47.589 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 319.45 Mbit/s
95th percentile per-packet one-way delay: 62.258 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 297.70 Mbit/s
95th percentile per-packet one-way delay: 88.414 ms
Loss rate: 0.66%
```

Run 4: Report of TCP BBR — Data Link

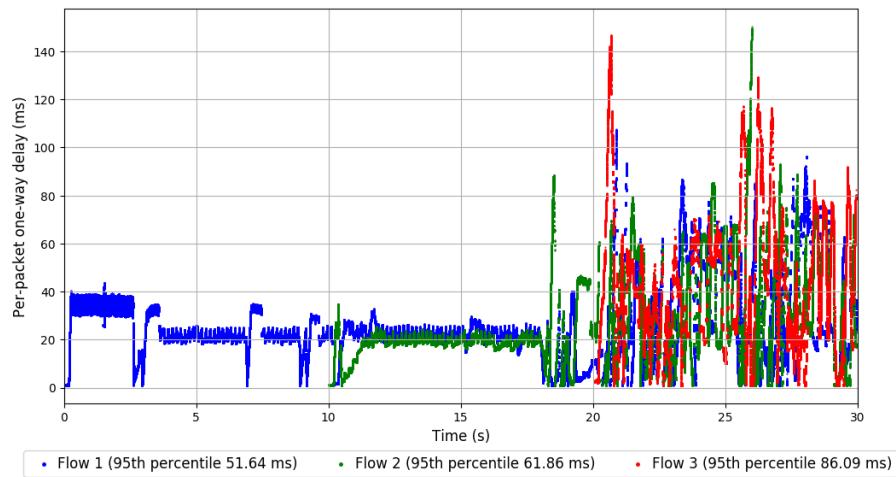
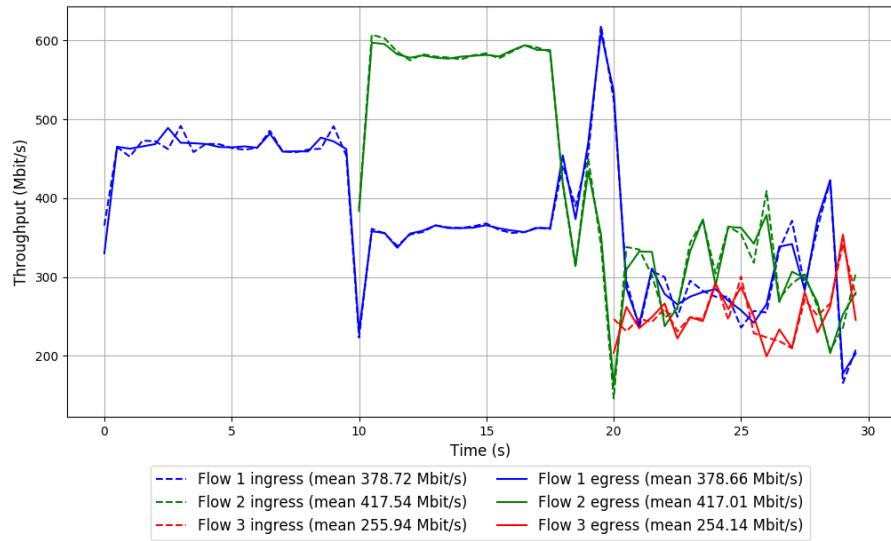


Run 5: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 04:52:10 +0000
End at: Tue, 01 Aug 2017 04:52:40 +0000
Local clock offset: -0.279 ms
Remote clock offset: -1.082 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:35:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 740.34 Mbit/s
95th percentile per-packet one-way delay: 61.922 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 378.66 Mbit/s
95th percentile per-packet one-way delay: 51.639 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 417.01 Mbit/s
95th percentile per-packet one-way delay: 61.862 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 254.14 Mbit/s
95th percentile per-packet one-way delay: 86.092 ms
Loss rate: 0.93%
```

Run 5: Report of TCP BBR — Data Link

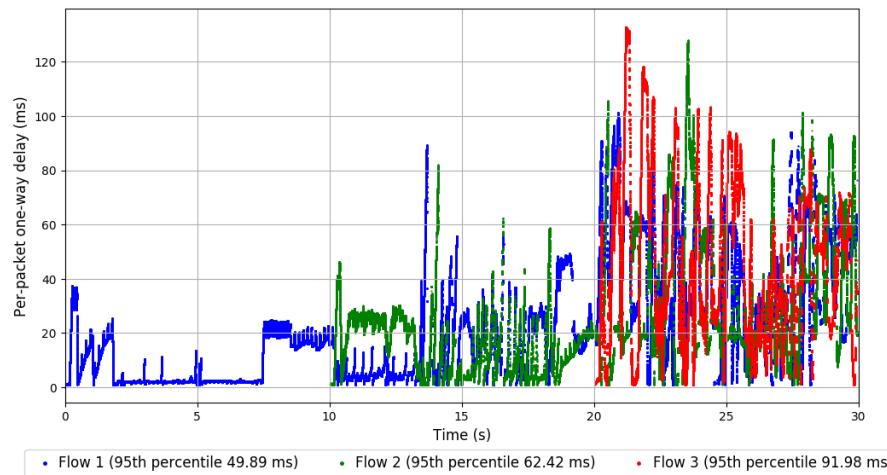
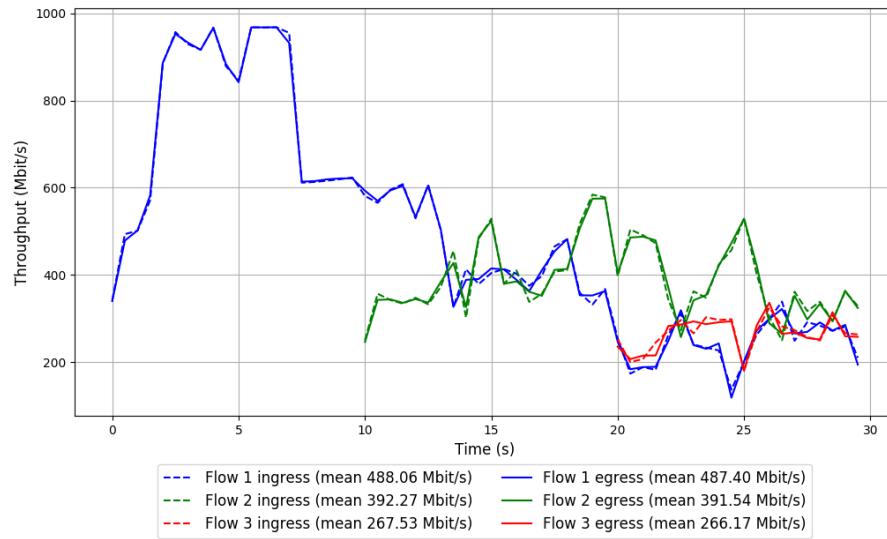


Run 6: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 05:14:46 +0000
End at: Tue, 01 Aug 2017 05:15:16 +0000
Local clock offset: -0.32 ms
Remote clock offset: -1.197 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:36:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 836.01 Mbit/s
95th percentile per-packet one-way delay: 62.610 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 487.40 Mbit/s
95th percentile per-packet one-way delay: 49.886 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 391.54 Mbit/s
95th percentile per-packet one-way delay: 62.424 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 266.17 Mbit/s
95th percentile per-packet one-way delay: 91.983 ms
Loss rate: 0.61%
```

Run 6: Report of TCP BBR — Data Link

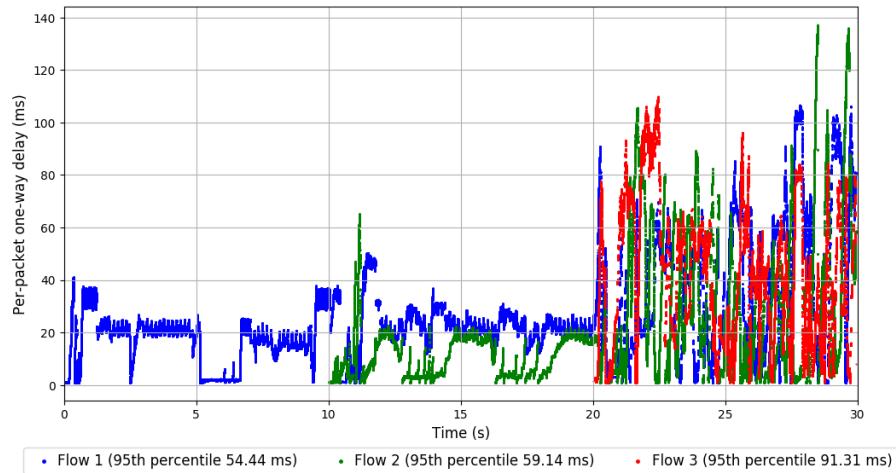
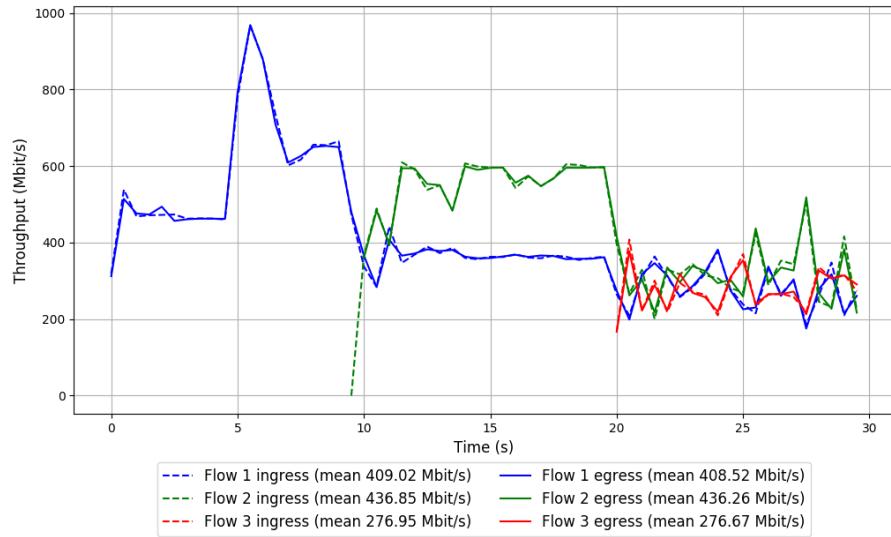


Run 7: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 05:37:12 +0000
End at: Tue, 01 Aug 2017 05:37:42 +0000
Local clock offset: -0.207 ms
Remote clock offset: -0.72 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:37:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 790.42 Mbit/s
95th percentile per-packet one-way delay: 64.361 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 408.52 Mbit/s
95th percentile per-packet one-way delay: 54.435 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 436.26 Mbit/s
95th percentile per-packet one-way delay: 59.143 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 276.67 Mbit/s
95th percentile per-packet one-way delay: 91.309 ms
Loss rate: 0.14%
```

Run 7: Report of TCP BBR — Data Link

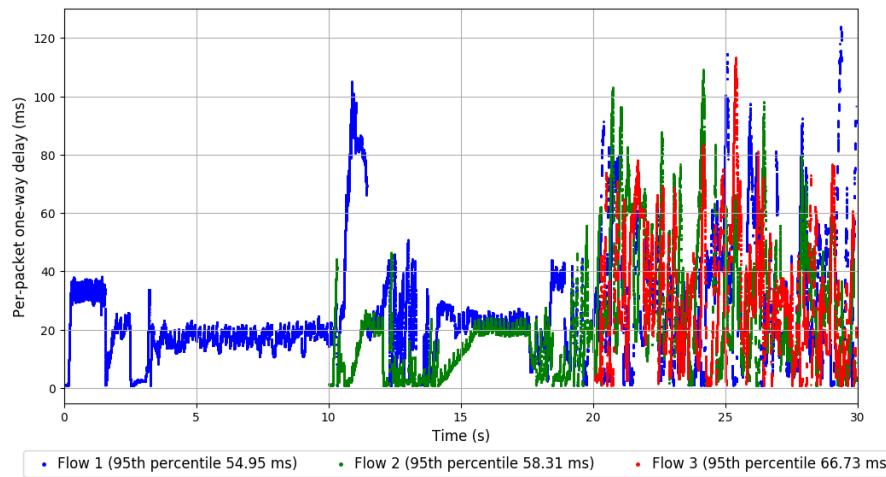
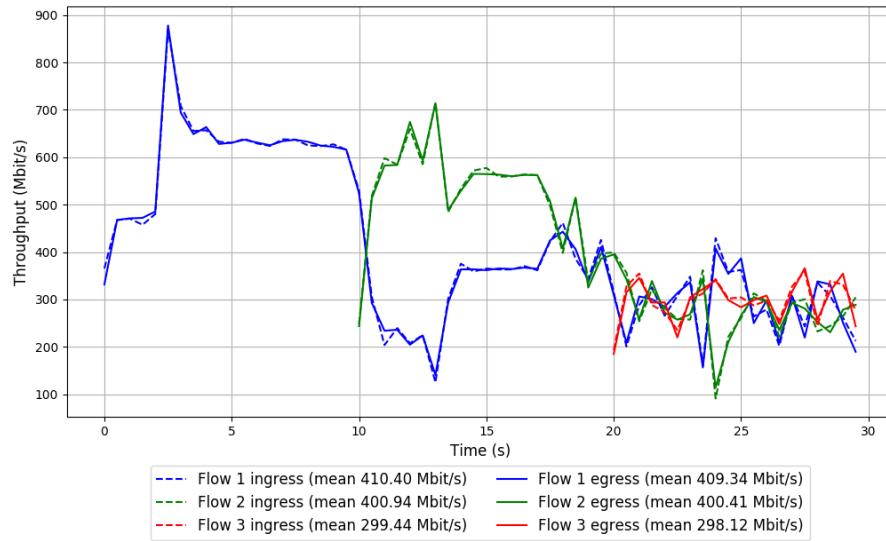


Run 8: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 05:59:42 +0000
End at: Tue, 01 Aug 2017 06:00:12 +0000
Local clock offset: 0.098 ms
Remote clock offset: -0.399 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:37:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 774.61 Mbit/s
95th percentile per-packet one-way delay: 60.131 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 409.34 Mbit/s
95th percentile per-packet one-way delay: 54.948 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 400.41 Mbit/s
95th percentile per-packet one-way delay: 58.314 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 298.12 Mbit/s
95th percentile per-packet one-way delay: 66.728 ms
Loss rate: 0.69%
```

Run 8: Report of TCP BBR — Data Link

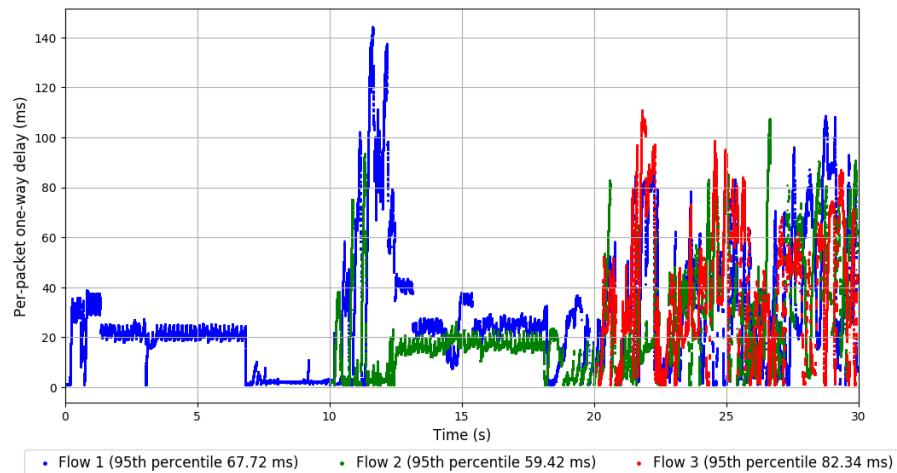
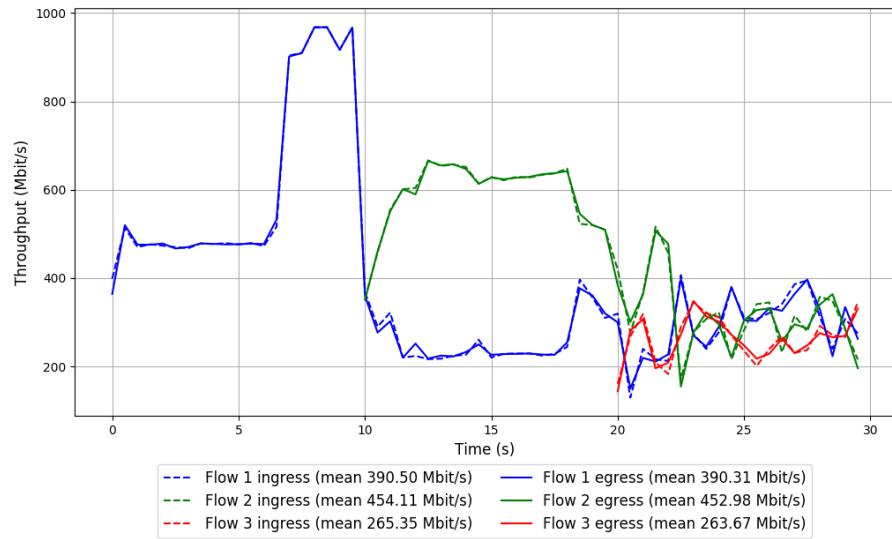


Run 9: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 06:22:17 +0000
End at: Tue, 01 Aug 2017 06:22:47 +0000
Local clock offset: 0.497 ms
Remote clock offset: -0.401 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:38:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 778.64 Mbit/s
95th percentile per-packet one-way delay: 67.740 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 390.31 Mbit/s
95th percentile per-packet one-way delay: 67.723 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 452.98 Mbit/s
95th percentile per-packet one-way delay: 59.424 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 263.67 Mbit/s
95th percentile per-packet one-way delay: 82.337 ms
Loss rate: 0.89%
```

Run 9: Report of TCP BBR — Data Link

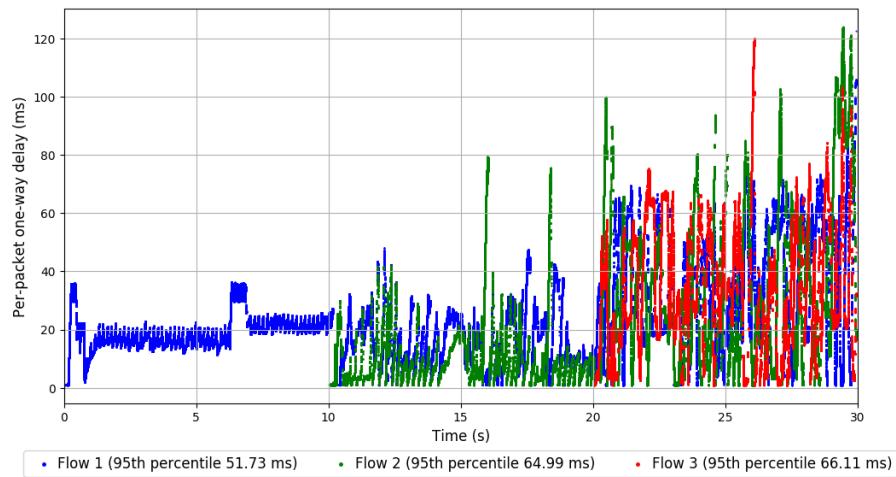
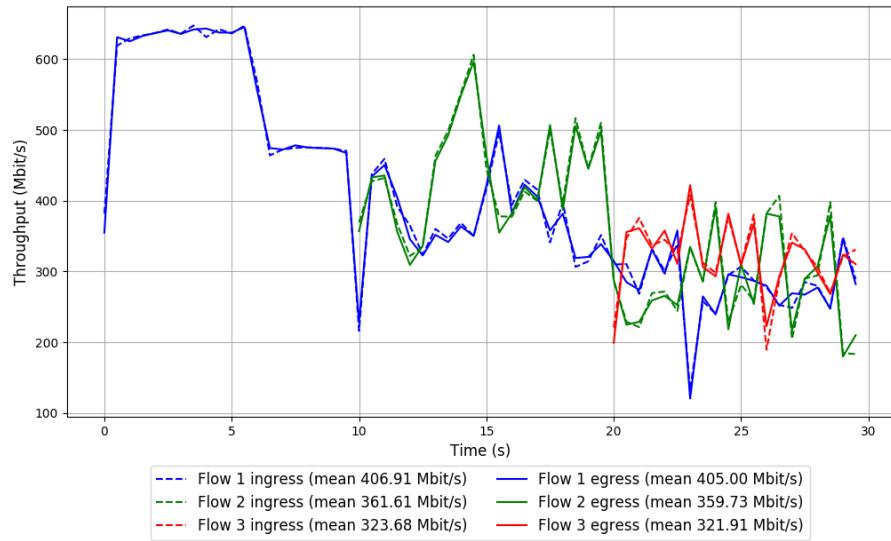


Run 10: Statistics of TCP BBR

```
Start at: Tue, 01 Aug 2017 06:44:49 +0000
End at: Tue, 01 Aug 2017 06:45:20 +0000
Local clock offset: 0.72 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:39:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 750.92 Mbit/s
95th percentile per-packet one-way delay: 58.749 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 405.00 Mbit/s
95th percentile per-packet one-way delay: 51.725 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 359.73 Mbit/s
95th percentile per-packet one-way delay: 64.987 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 321.91 Mbit/s
95th percentile per-packet one-way delay: 66.109 ms
Loss rate: 0.62%
```

Run 10: Report of TCP BBR — Data Link

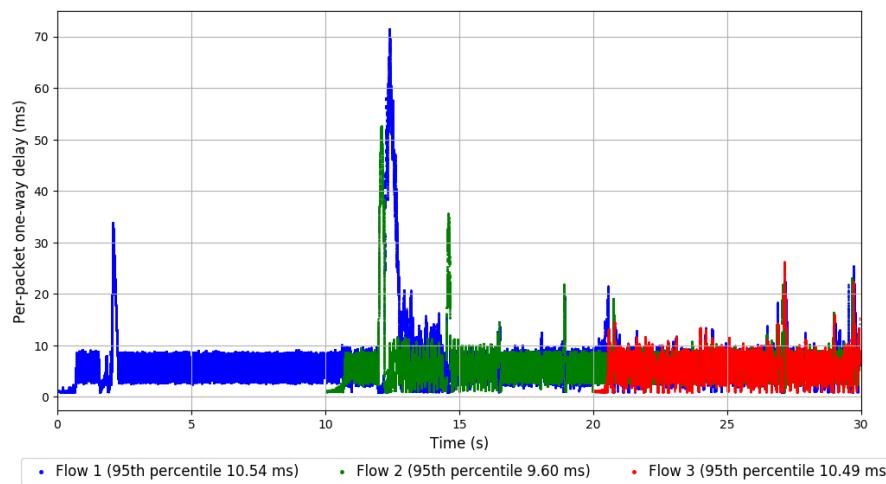
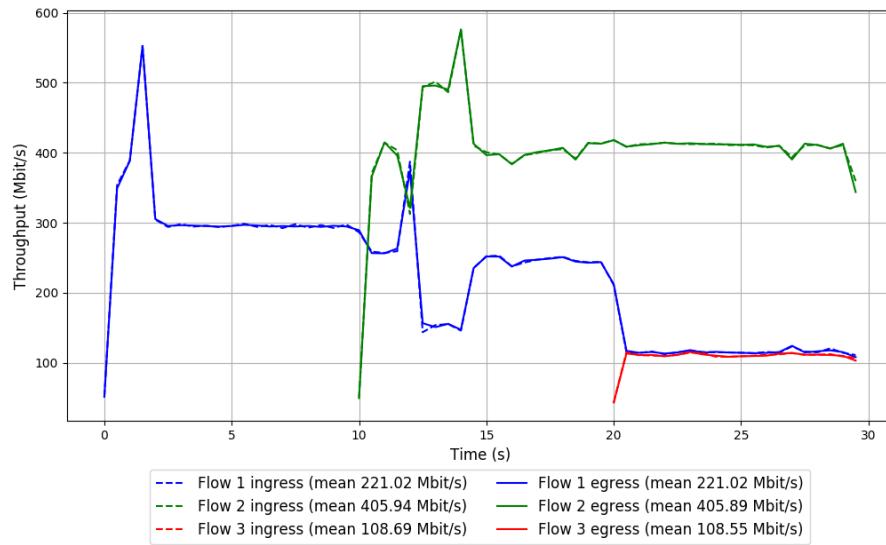


```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 03:07:12 +0000
End at: Tue, 01 Aug 2017 03:07:42 +0000
Local clock offset: 0.058 ms
Remote clock offset: -1.272 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:40:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 526.89 Mbit/s
95th percentile per-packet one-way delay: 9.840 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 221.02 Mbit/s
95th percentile per-packet one-way delay: 10.542 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 405.89 Mbit/s
95th percentile per-packet one-way delay: 9.601 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 108.55 Mbit/s
95th percentile per-packet one-way delay: 10.489 ms
Loss rate: 0.24%
```

Run 1: Report of CalibratedKoho — Data Link

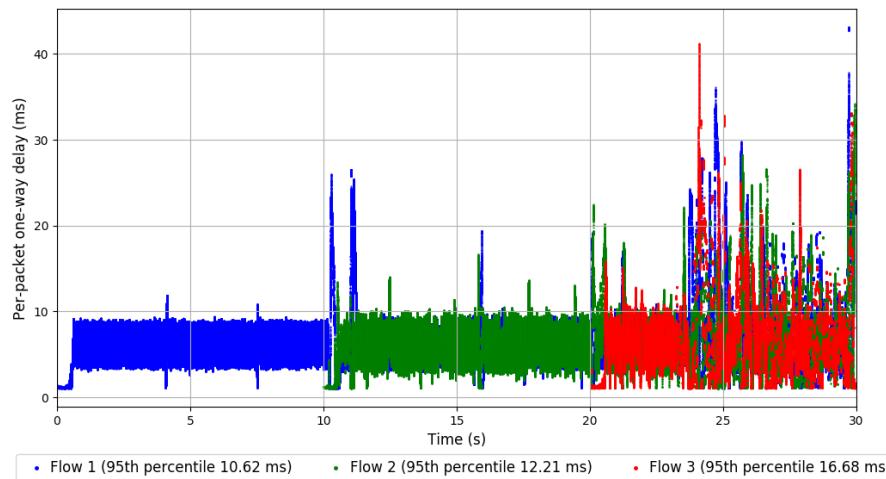
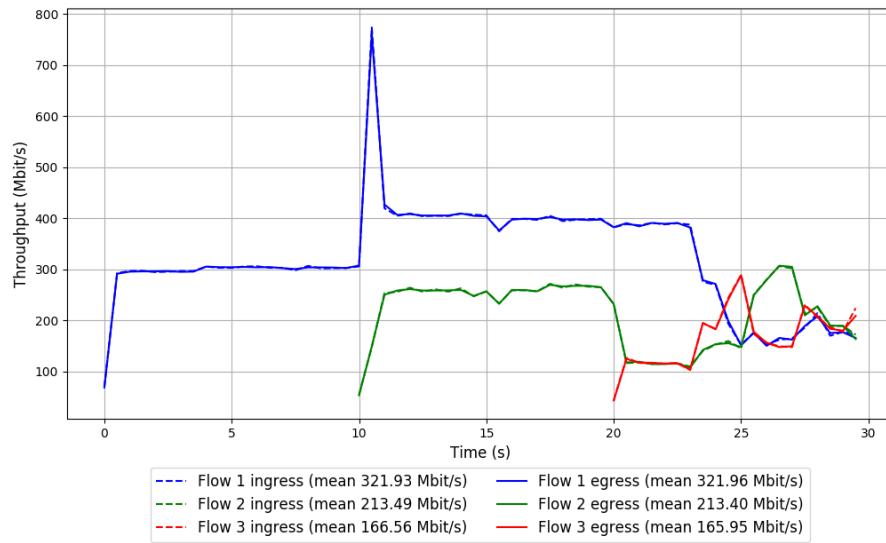


Run 2: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 03:29:32 +0000
End at: Tue, 01 Aug 2017 03:30:02 +0000
Local clock offset: -0.107 ms
Remote clock offset: -0.881 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:40:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 518.92 Mbit/s
95th percentile per-packet one-way delay: 12.320 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 321.96 Mbit/s
95th percentile per-packet one-way delay: 10.618 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 213.40 Mbit/s
95th percentile per-packet one-way delay: 12.213 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 165.95 Mbit/s
95th percentile per-packet one-way delay: 16.684 ms
Loss rate: 0.50%
```

Run 2: Report of CalibratedKoho — Data Link

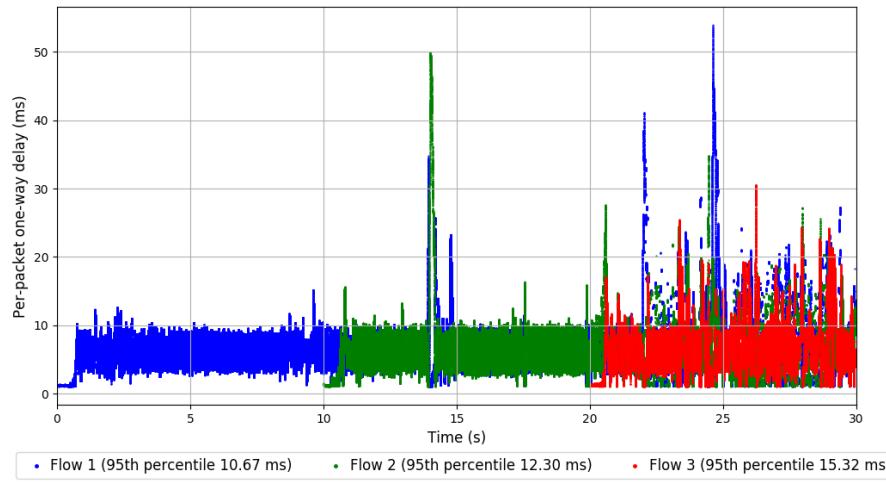
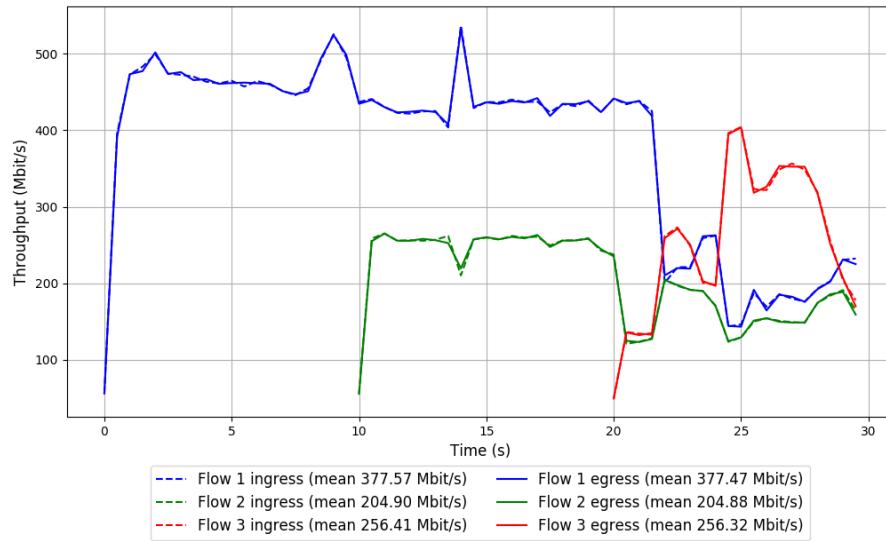


Run 3: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 03:51:59 +0000
End at: Tue, 01 Aug 2017 03:52:29 +0000
Local clock offset: -0.054 ms
Remote clock offset: -0.88 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:41:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 598.61 Mbit/s
95th percentile per-packet one-way delay: 12.117 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 377.47 Mbit/s
95th percentile per-packet one-way delay: 10.670 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 204.88 Mbit/s
95th percentile per-packet one-way delay: 12.301 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 256.32 Mbit/s
95th percentile per-packet one-way delay: 15.322 ms
Loss rate: 0.23%
```

Run 3: Report of CalibratedKoho — Data Link

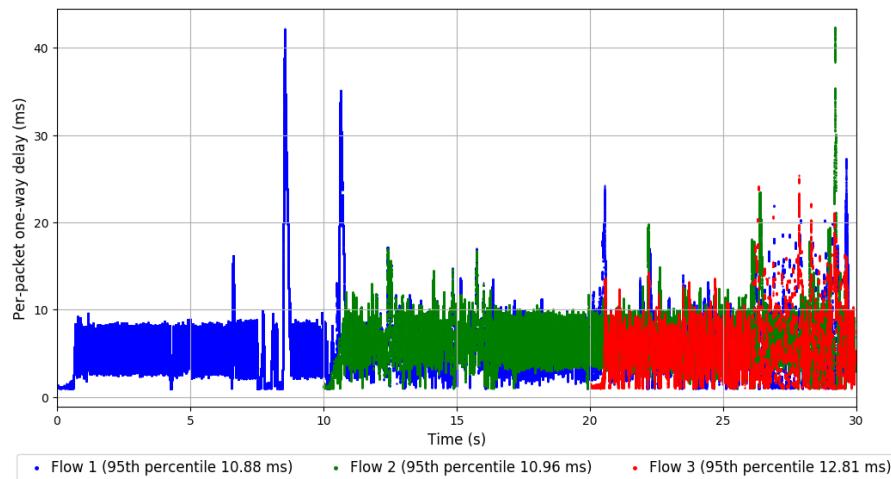
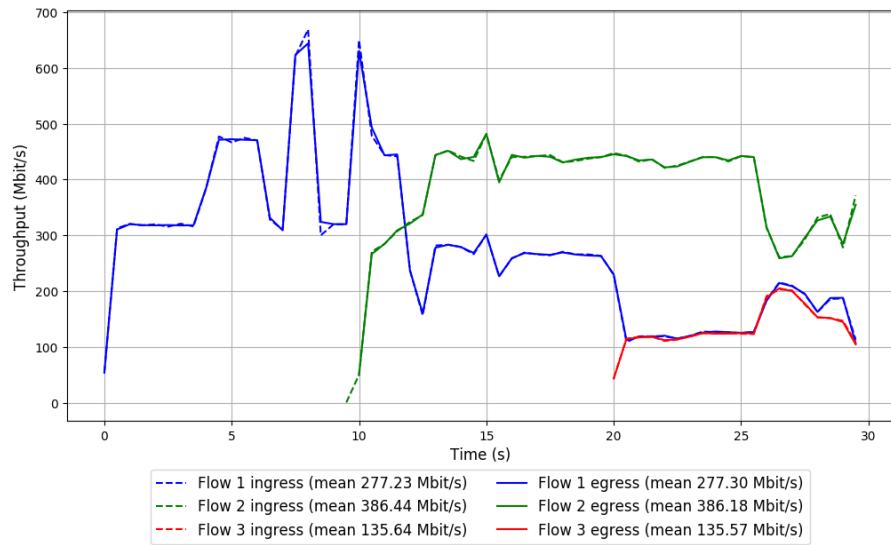


Run 4: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 04:14:49 +0000
End at: Tue, 01 Aug 2017 04:15:19 +0000
Local clock offset: -0.149 ms
Remote clock offset: -1.221 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:41:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 579.32 Mbit/s
95th percentile per-packet one-way delay: 11.062 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 277.30 Mbit/s
95th percentile per-packet one-way delay: 10.885 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 386.18 Mbit/s
95th percentile per-packet one-way delay: 10.958 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 135.57 Mbit/s
95th percentile per-packet one-way delay: 12.814 ms
Loss rate: 0.23%
```

Run 4: Report of CalibratedKoho — Data Link

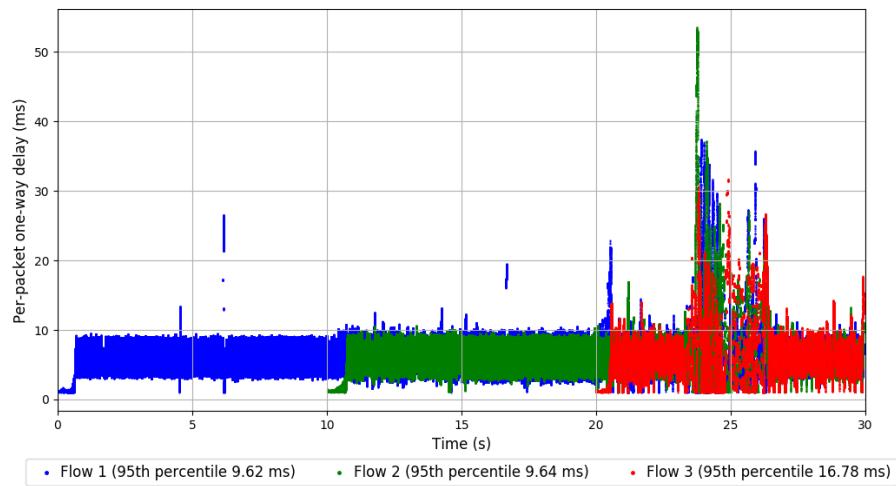
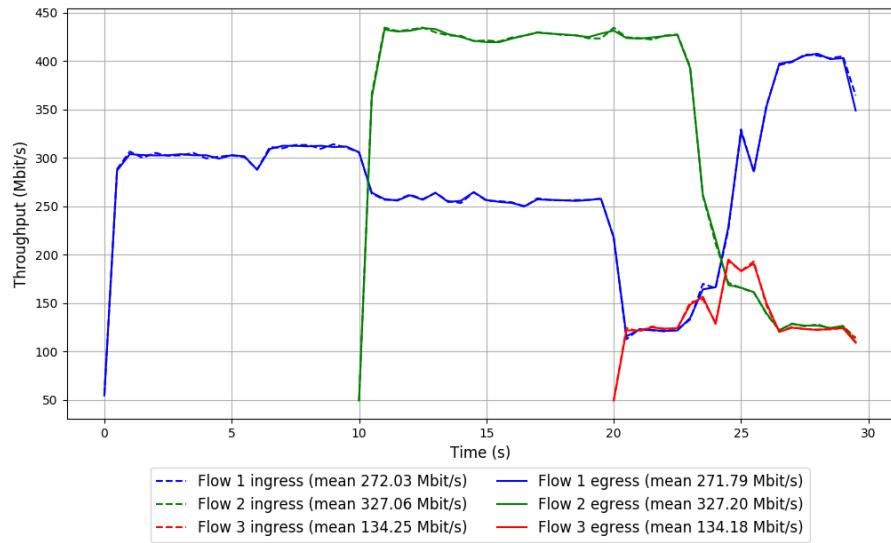


Run 5: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 04:37:28 +0000
End at: Tue, 01 Aug 2017 04:37:58 +0000
Local clock offset: -0.277 ms
Remote clock offset: -0.961 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:42:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 533.82 Mbit/s
95th percentile per-packet one-way delay: 9.941 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 271.79 Mbit/s
95th percentile per-packet one-way delay: 9.624 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 327.20 Mbit/s
95th percentile per-packet one-way delay: 9.644 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 134.18 Mbit/s
95th percentile per-packet one-way delay: 16.784 ms
Loss rate: 0.23%
```

Run 5: Report of CalibratedKoho — Data Link

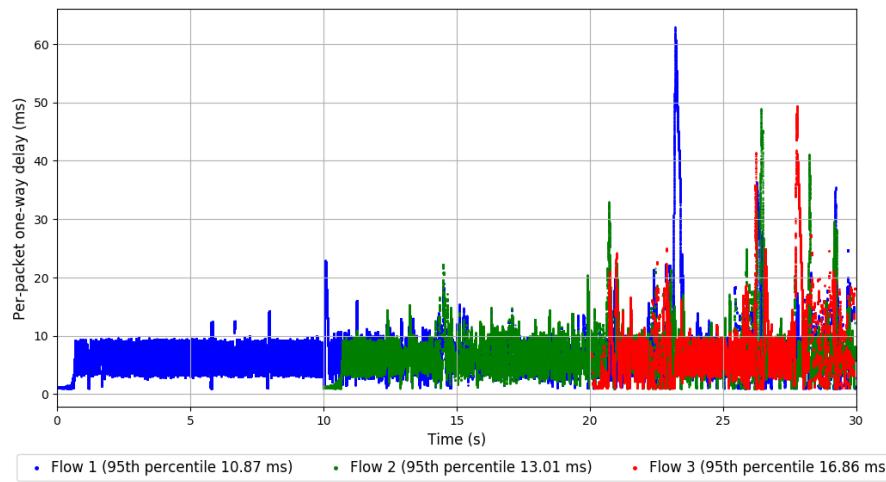
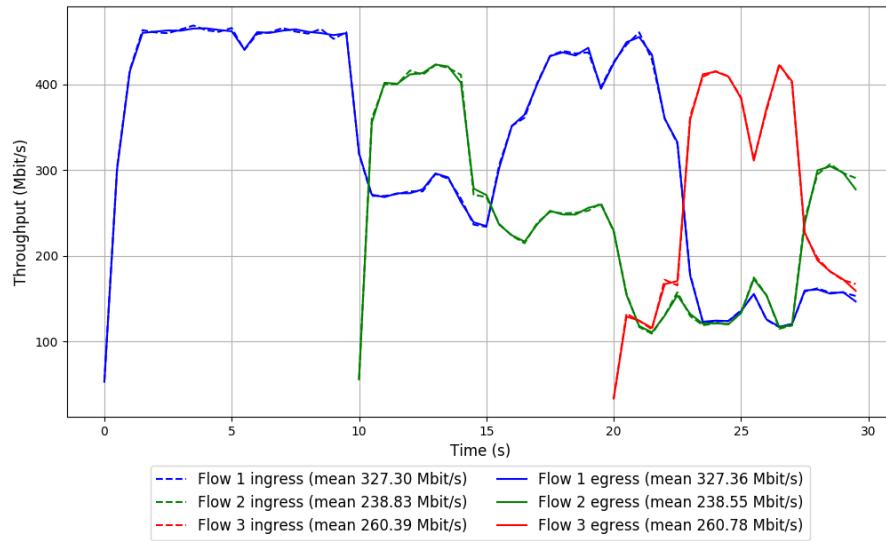


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 04:59:47 +0000
End at: Tue, 01 Aug 2017 05:00:17 +0000
Local clock offset: -0.311 ms
Remote clock offset: -1.175 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:43:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 572.35 Mbit/s
95th percentile per-packet one-way delay: 12.355 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 327.36 Mbit/s
95th percentile per-packet one-way delay: 10.870 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 238.55 Mbit/s
95th percentile per-packet one-way delay: 13.007 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 260.78 Mbit/s
95th percentile per-packet one-way delay: 16.857 ms
Loss rate: 0.19%
```

Run 6: Report of CalibratedKoho — Data Link

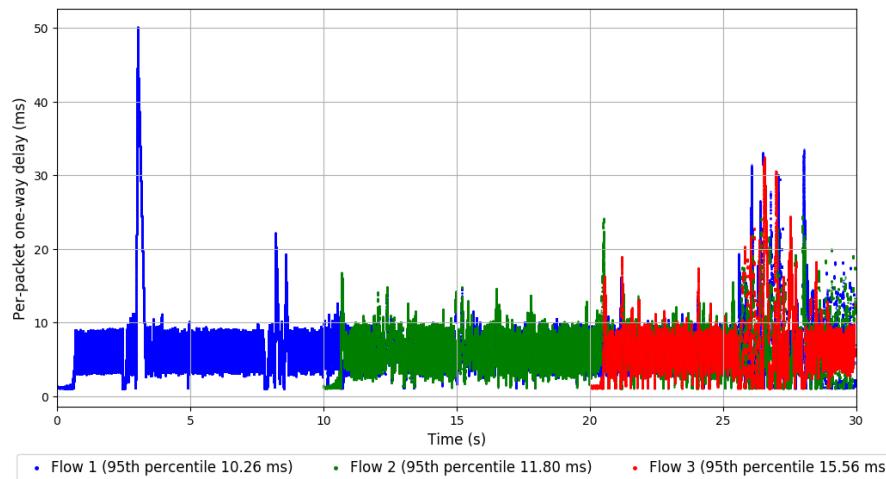
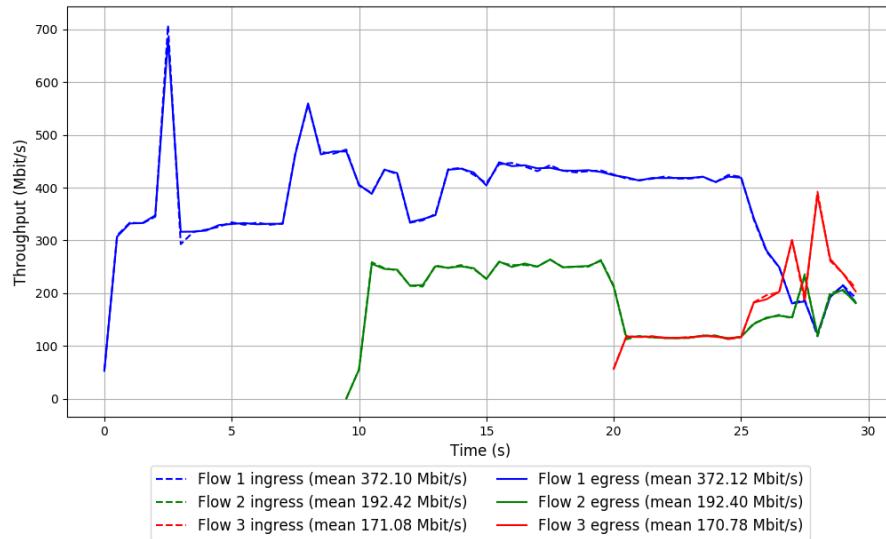


Run 7: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 05:22:24 +0000
End at: Tue, 01 Aug 2017 05:22:54 +0000
Local clock offset: -0.294 ms
Remote clock offset: -1.016 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:43:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 556.70 Mbit/s
95th percentile per-packet one-way delay: 11.209 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 372.12 Mbit/s
95th percentile per-packet one-way delay: 10.262 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 192.40 Mbit/s
95th percentile per-packet one-way delay: 11.798 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 170.78 Mbit/s
95th percentile per-packet one-way delay: 15.560 ms
Loss rate: 0.30%
```

Run 7: Report of CalibratedKoho — Data Link

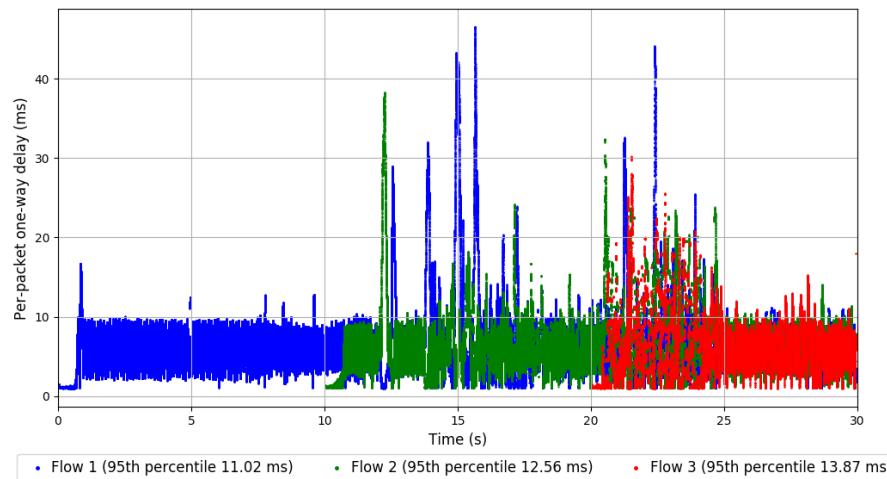
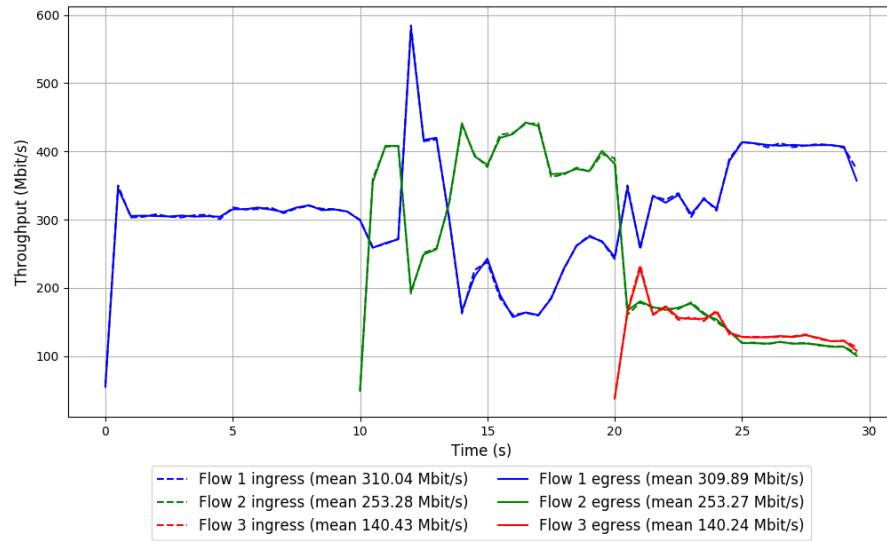


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 05:44:53 +0000
End at: Tue, 01 Aug 2017 05:45:23 +0000
Local clock offset: -0.145 ms
Remote clock offset: -0.634 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:44:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 524.70 Mbit/s
95th percentile per-packet one-way delay: 12.045 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 309.89 Mbit/s
95th percentile per-packet one-way delay: 11.019 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 253.27 Mbit/s
95th percentile per-packet one-way delay: 12.557 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 140.24 Mbit/s
95th percentile per-packet one-way delay: 13.865 ms
Loss rate: 0.23%
```

Run 8: Report of CalibratedKoho — Data Link

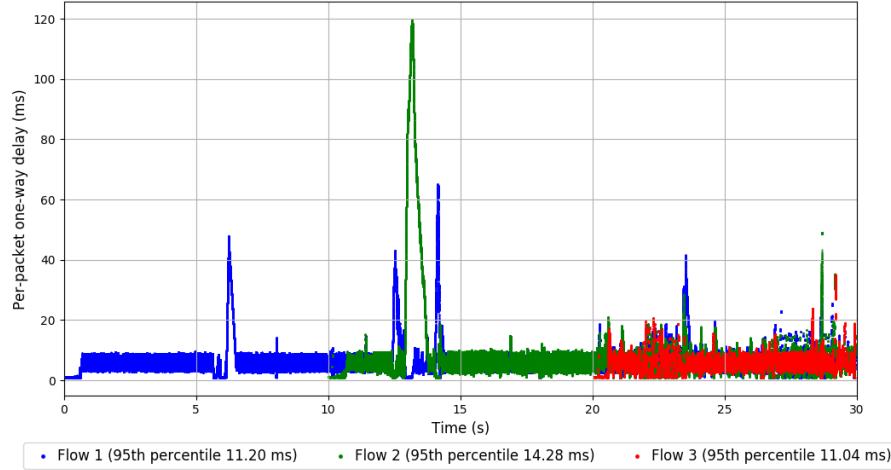
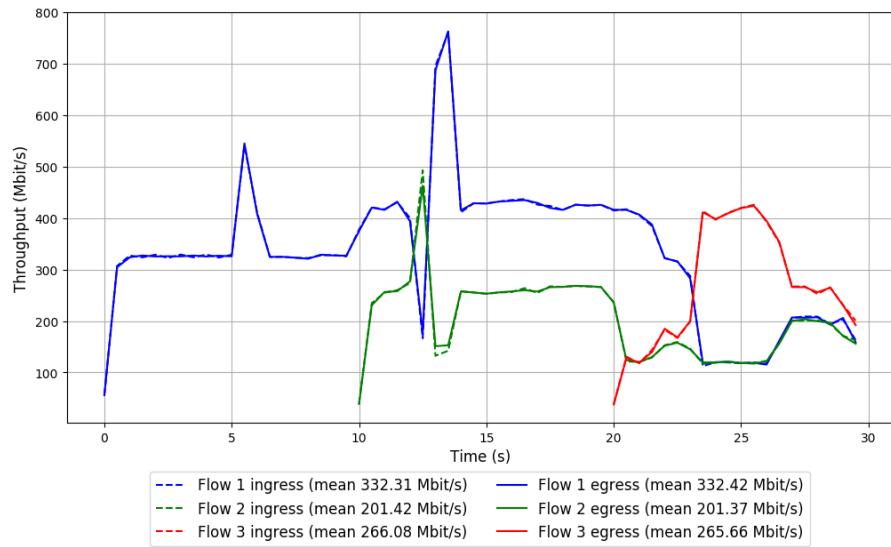


Run 9: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 06:07:20 +0000
End at: Tue, 01 Aug 2017 06:07:50 +0000
Local clock offset: 0.23 ms
Remote clock offset: -0.262 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:44:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 554.30 Mbit/s
95th percentile per-packet one-way delay: 11.865 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 332.42 Mbit/s
95th percentile per-packet one-way delay: 11.195 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 201.37 Mbit/s
95th percentile per-packet one-way delay: 14.283 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 265.66 Mbit/s
95th percentile per-packet one-way delay: 11.042 ms
Loss rate: 0.21%
```

Run 9: Report of CalibratedKoho — Data Link

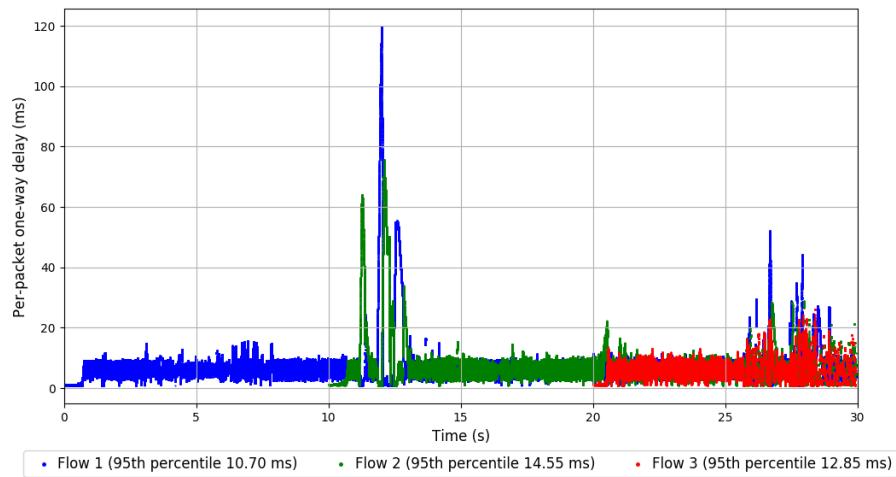
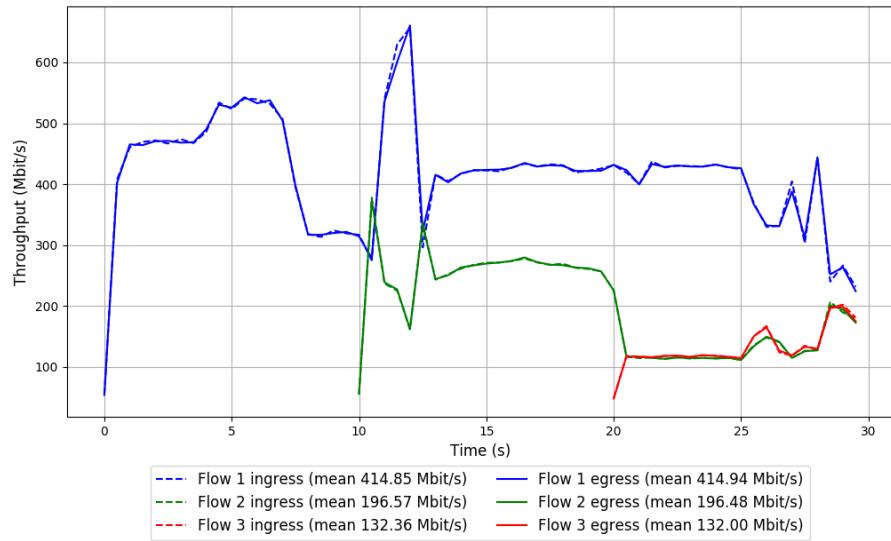


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 06:29:57 +0000
End at: Tue, 01 Aug 2017 06:30:27 +0000
Local clock offset: 0.468 ms
Remote clock offset: -0.187 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:45:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 589.41 Mbit/s
95th percentile per-packet one-way delay: 11.902 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 414.94 Mbit/s
95th percentile per-packet one-way delay: 10.698 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 196.48 Mbit/s
95th percentile per-packet one-way delay: 14.553 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 132.00 Mbit/s
95th percentile per-packet one-way delay: 12.853 ms
Loss rate: 0.39%
```

Run 10: Report of CalibratedKoho — Data Link

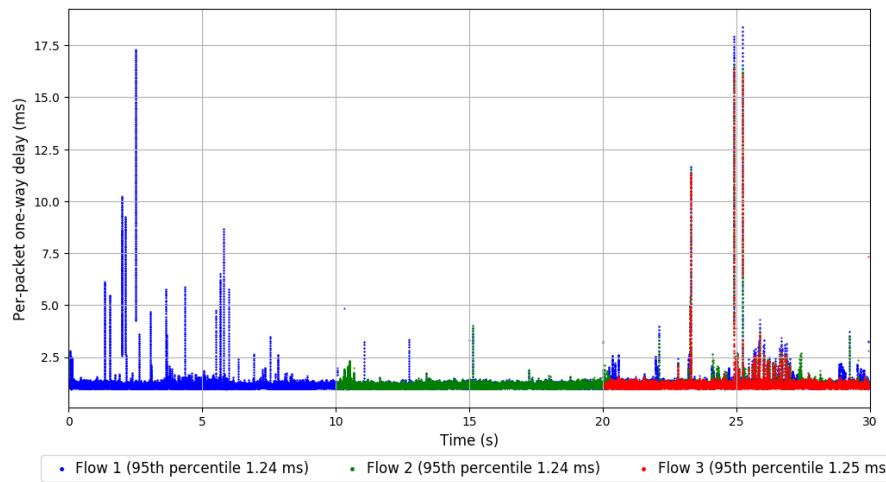
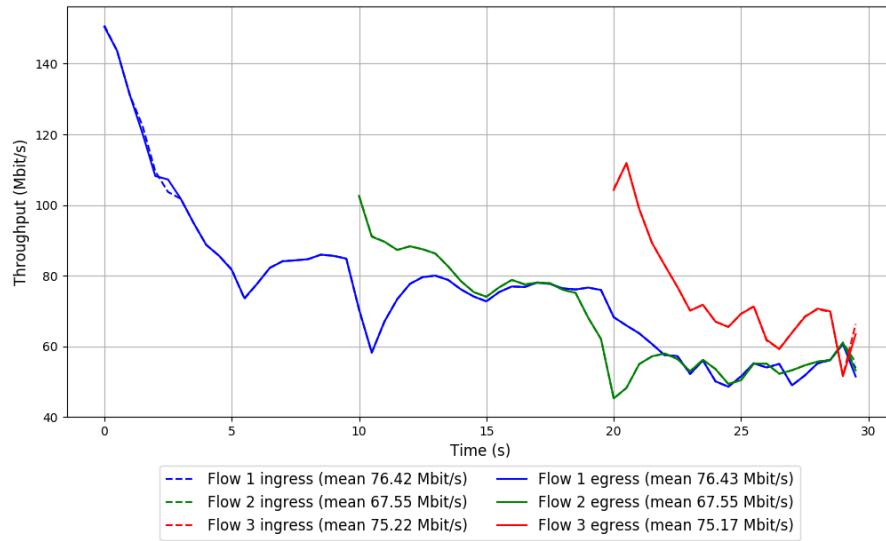


Run 1: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 03:26:57 +0000
End at: Tue, 01 Aug 2017 03:27:27 +0000
Local clock offset: 0.02 ms
Remote clock offset: -0.852 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:45:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 146.24 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 76.43 Mbit/s
95th percentile per-packet one-way delay: 1.242 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 67.55 Mbit/s
95th percentile per-packet one-way delay: 1.235 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 75.17 Mbit/s
95th percentile per-packet one-way delay: 1.248 ms
Loss rate: 0.21%
```

Run 1: Report of Copa — Data Link

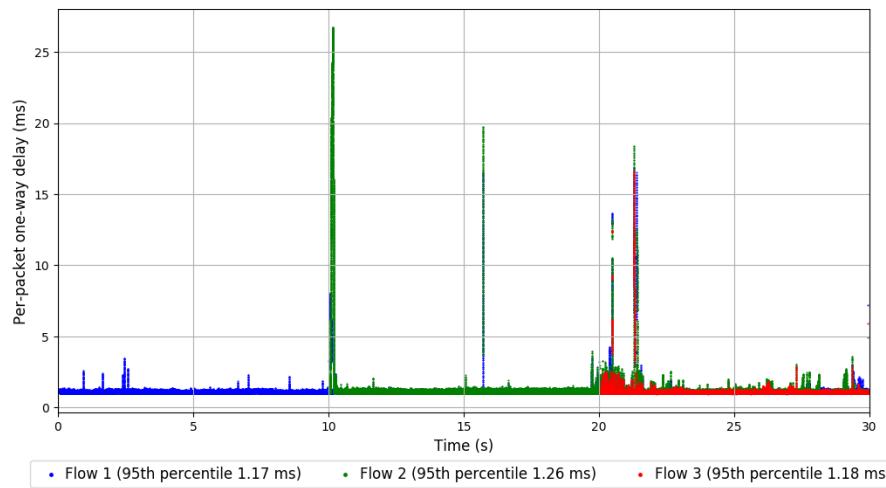
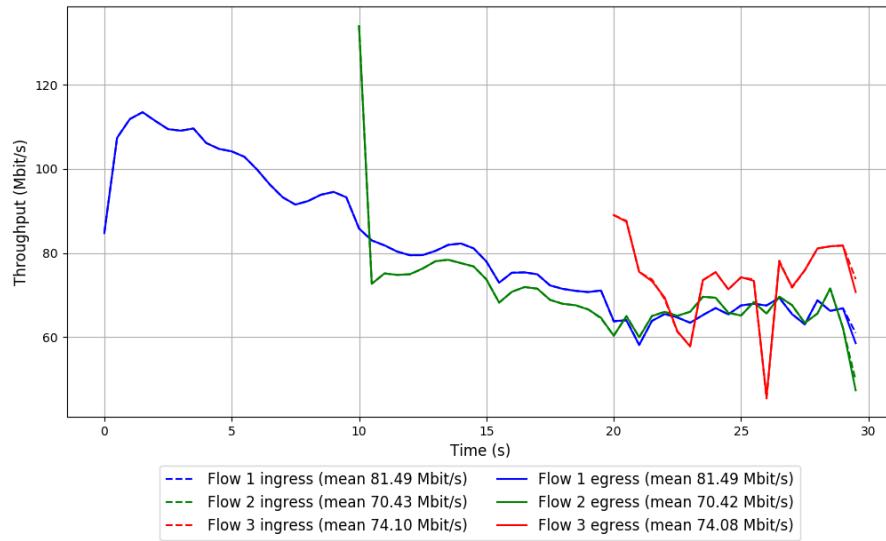


Run 2: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 03:49:24 +0000
End at: Tue, 01 Aug 2017 03:49:54 +0000
Local clock offset: -0.07 ms
Remote clock offset: -0.921 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:46:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 152.89 Mbit/s
95th percentile per-packet one-way delay: 1.192 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 81.49 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 70.42 Mbit/s
95th percentile per-packet one-way delay: 1.262 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 74.08 Mbit/s
95th percentile per-packet one-way delay: 1.181 ms
Loss rate: 0.22%
```

Run 2: Report of Copa — Data Link

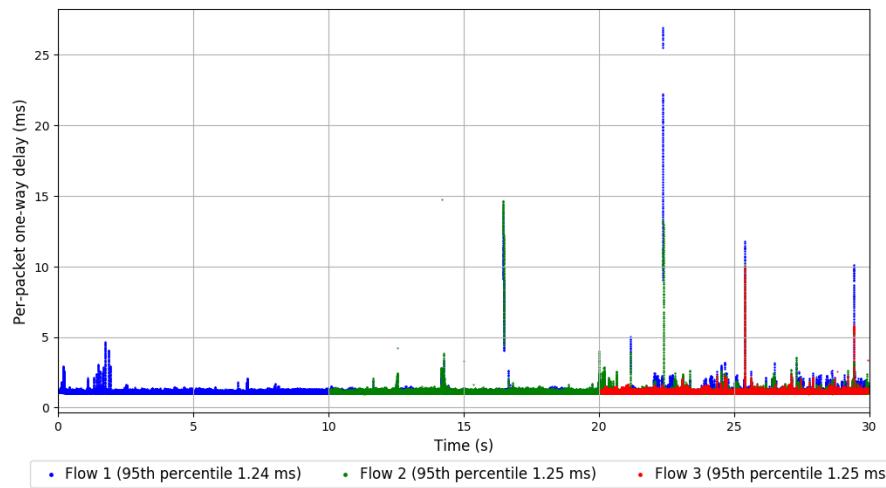
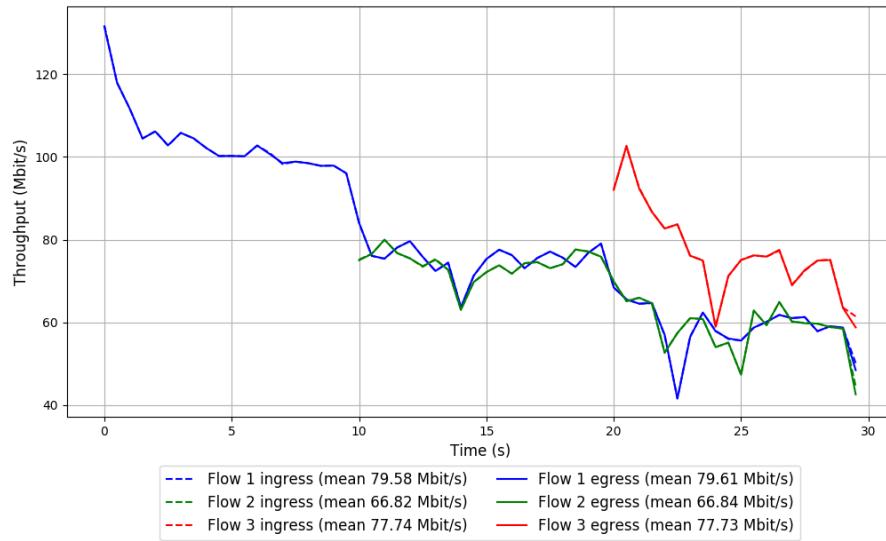


Run 3: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:12:14 +0000
End at: Tue, 01 Aug 2017 04:12:44 +0000
Local clock offset: -0.066 ms
Remote clock offset: -1.181 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:46:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 149.78 Mbit/s
95th percentile per-packet one-way delay: 1.242 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 79.61 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 66.84 Mbit/s
95th percentile per-packet one-way delay: 1.249 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 77.73 Mbit/s
95th percentile per-packet one-way delay: 1.245 ms
Loss rate: 0.18%
```

Run 3: Report of Copa — Data Link

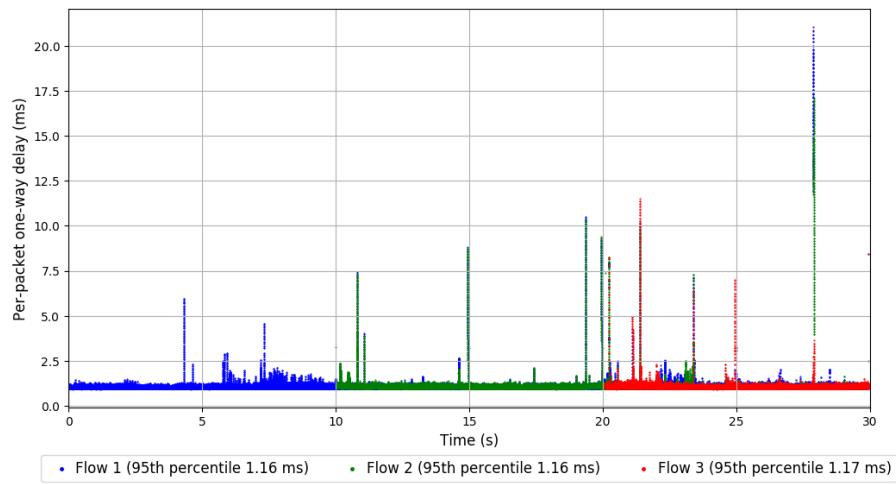
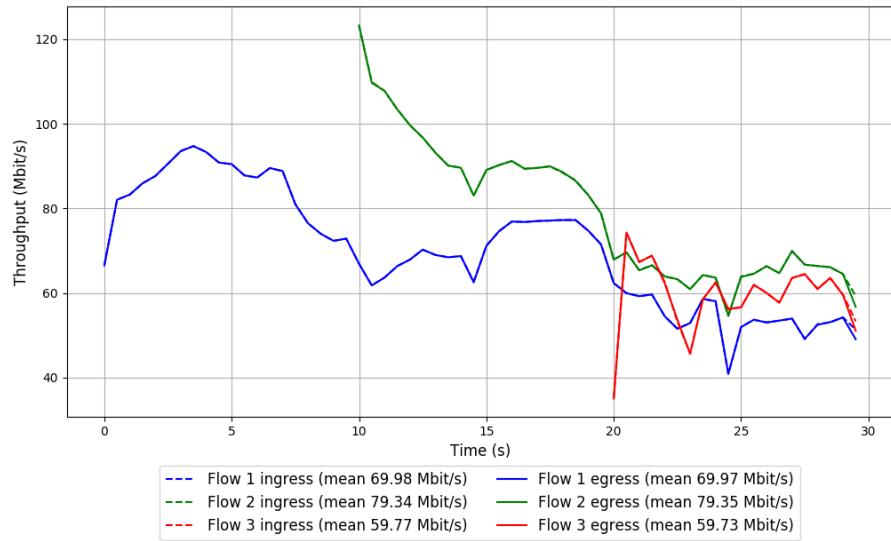


Run 4: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:34:53 +0000
End at: Tue, 01 Aug 2017 04:35:23 +0000
Local clock offset: -0.182 ms
Remote clock offset: -0.954 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:46:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 142.55 Mbit/s
95th percentile per-packet one-way delay: 1.158 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 69.97 Mbit/s
95th percentile per-packet one-way delay: 1.157 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 1.156 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 59.73 Mbit/s
95th percentile per-packet one-way delay: 1.170 ms
Loss rate: 0.20%
```

Run 4: Report of Copa — Data Link

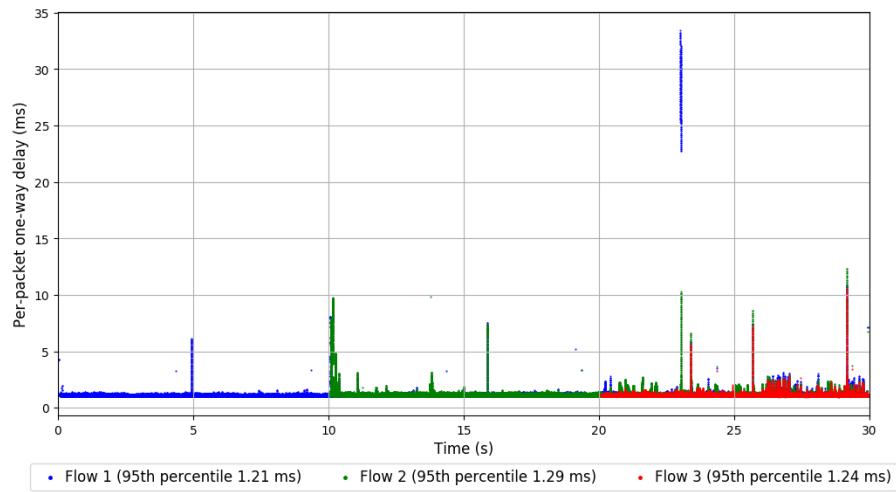
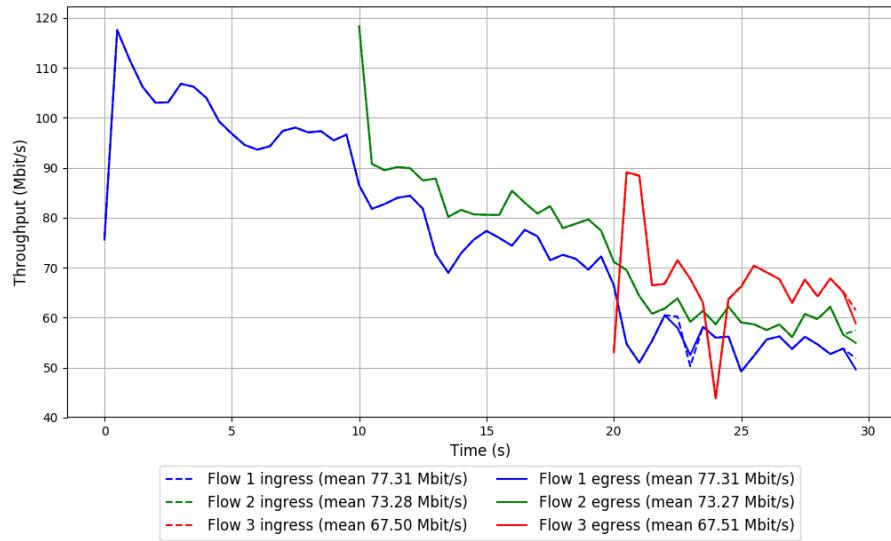


Run 5: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:57:12 +0000
End at: Tue, 01 Aug 2017 04:57:42 +0000
Local clock offset: -0.218 ms
Remote clock offset: -1.099 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:46:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 148.37 Mbit/s
95th percentile per-packet one-way delay: 1.239 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 77.31 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 73.27 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 67.51 Mbit/s
95th percentile per-packet one-way delay: 1.242 ms
Loss rate: 0.21%
```

Run 5: Report of Copa — Data Link

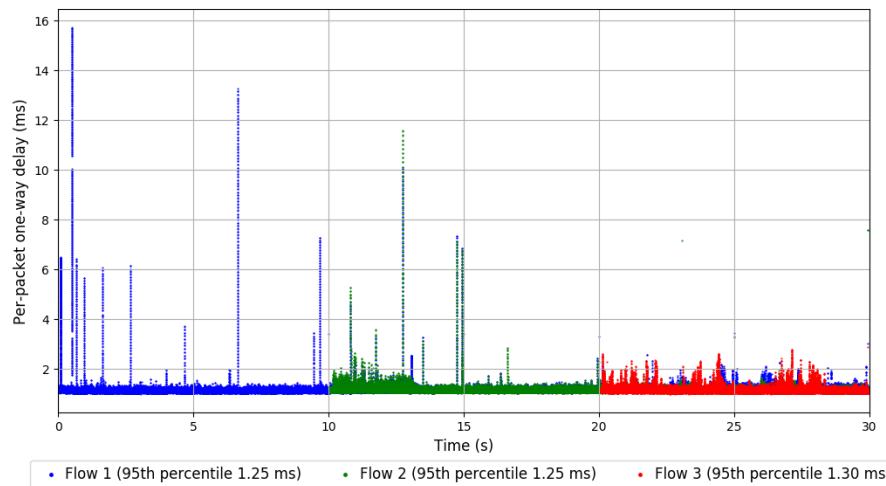
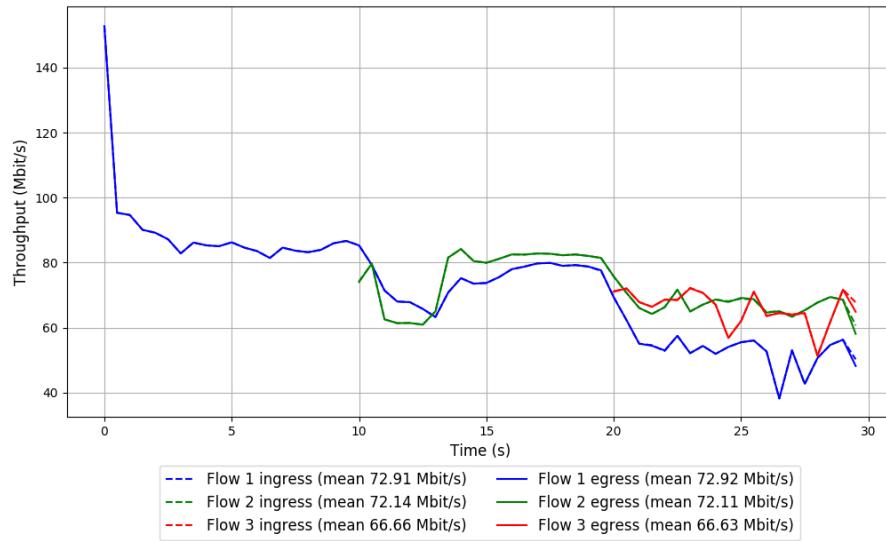


Run 6: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 05:19:50 +0000
End at: Tue, 01 Aug 2017 05:20:20 +0000
Local clock offset: -0.27 ms
Remote clock offset: -1.023 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:47:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 142.98 Mbit/s
95th percentile per-packet one-way delay: 1.258 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 72.92 Mbit/s
95th percentile per-packet one-way delay: 1.251 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 72.11 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 66.63 Mbit/s
95th percentile per-packet one-way delay: 1.301 ms
Loss rate: 0.23%
```

Run 6: Report of Copa — Data Link

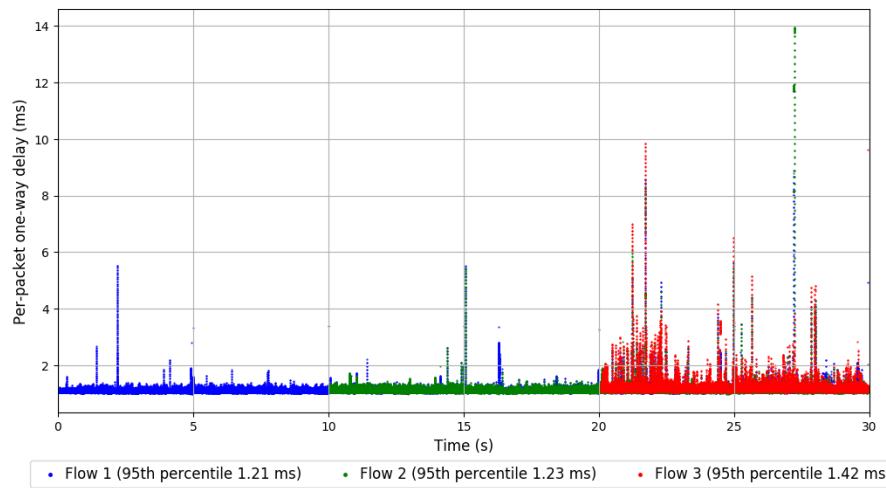
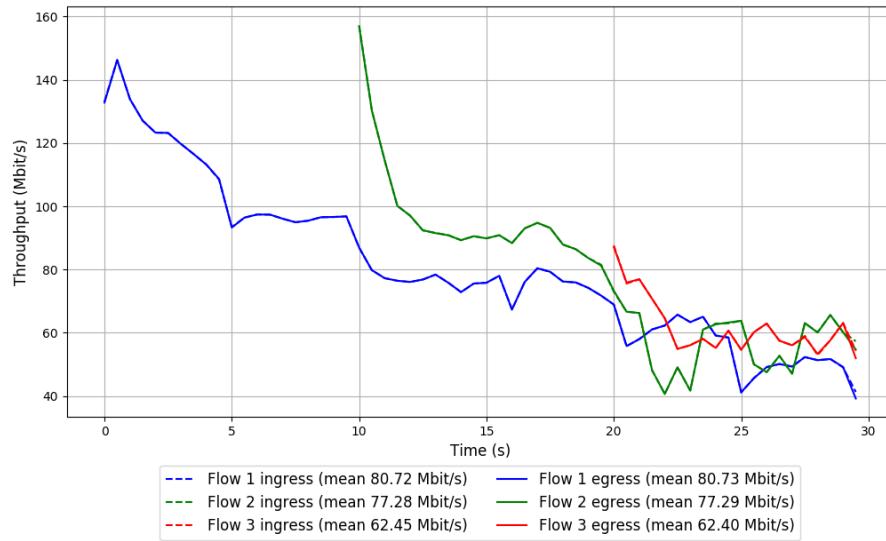


Run 7: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 05:42:18 +0000
End at: Tue, 01 Aug 2017 05:42:48 +0000
Local clock offset: -0.092 ms
Remote clock offset: -0.701 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:47:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 152.79 Mbit/s
95th percentile per-packet one-way delay: 1.243 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 80.73 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 77.29 Mbit/s
95th percentile per-packet one-way delay: 1.230 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 62.40 Mbit/s
95th percentile per-packet one-way delay: 1.419 ms
Loss rate: 0.21%
```

Run 7: Report of Copa — Data Link

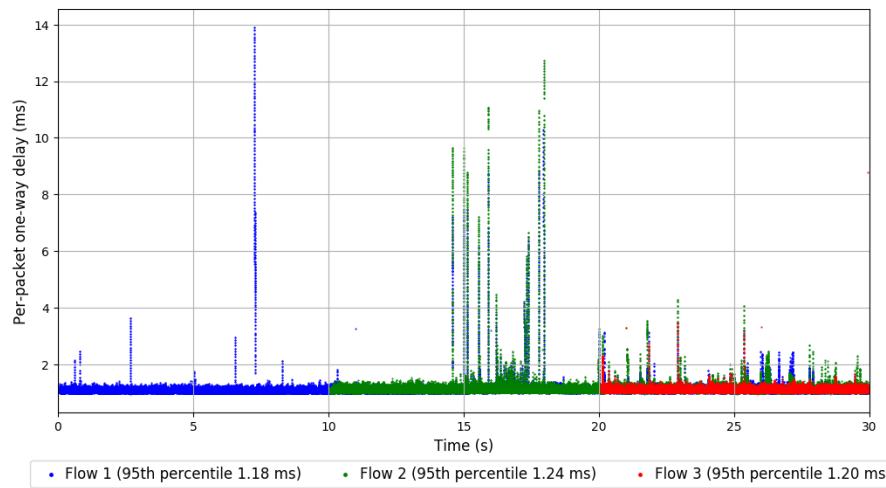
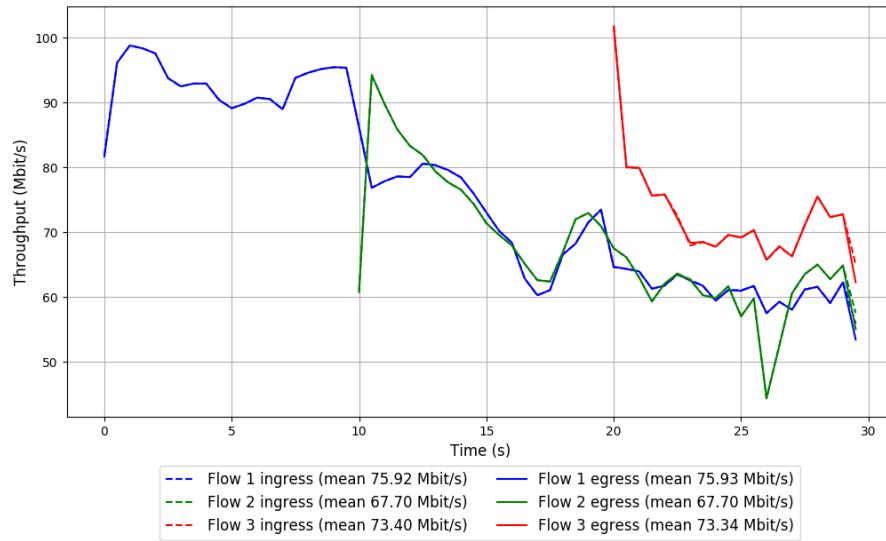


Run 8: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 06:04:45 +0000
End at: Tue, 01 Aug 2017 06:05:15 +0000
Local clock offset: 0.298 ms
Remote clock offset: -0.31 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:48:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 145.21 Mbit/s
95th percentile per-packet one-way delay: 1.200 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 1.178 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 67.70 Mbit/s
95th percentile per-packet one-way delay: 1.235 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 73.34 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.20%
```

Run 8: Report of Copa — Data Link

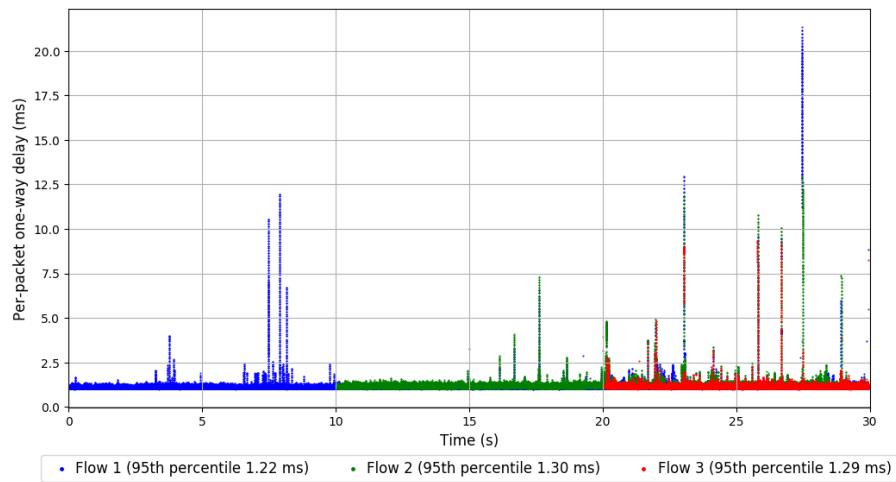
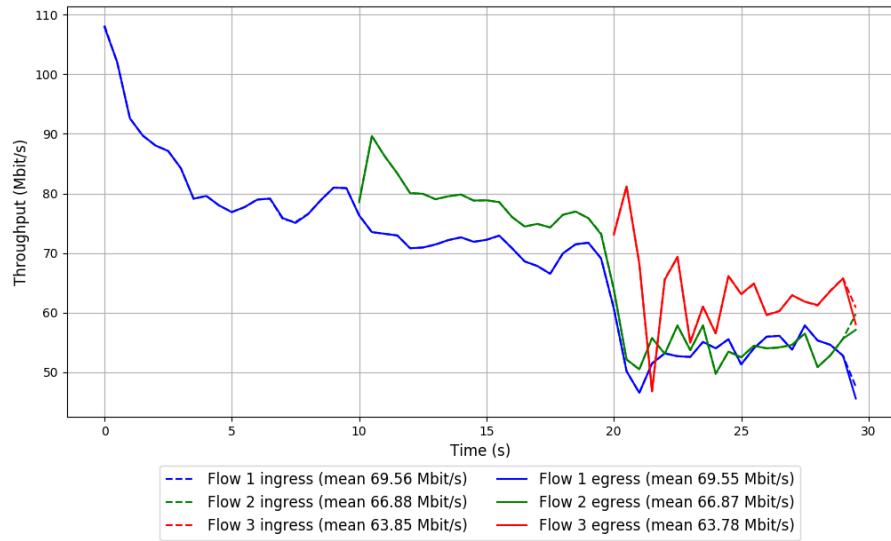


Run 9: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 06:27:23 +0000
End at: Tue, 01 Aug 2017 06:27:53 +0000
Local clock offset: 0.549 ms
Remote clock offset: -0.326 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:48:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 135.15 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 69.55 Mbit/s
95th percentile per-packet one-way delay: 1.217 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 66.87 Mbit/s
95th percentile per-packet one-way delay: 1.302 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 63.78 Mbit/s
95th percentile per-packet one-way delay: 1.291 ms
Loss rate: 0.23%
```

Run 9: Report of Copa — Data Link

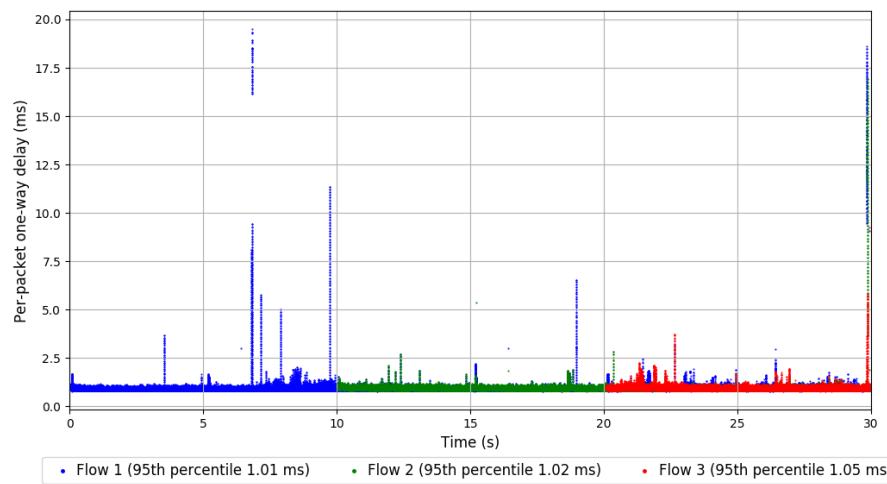
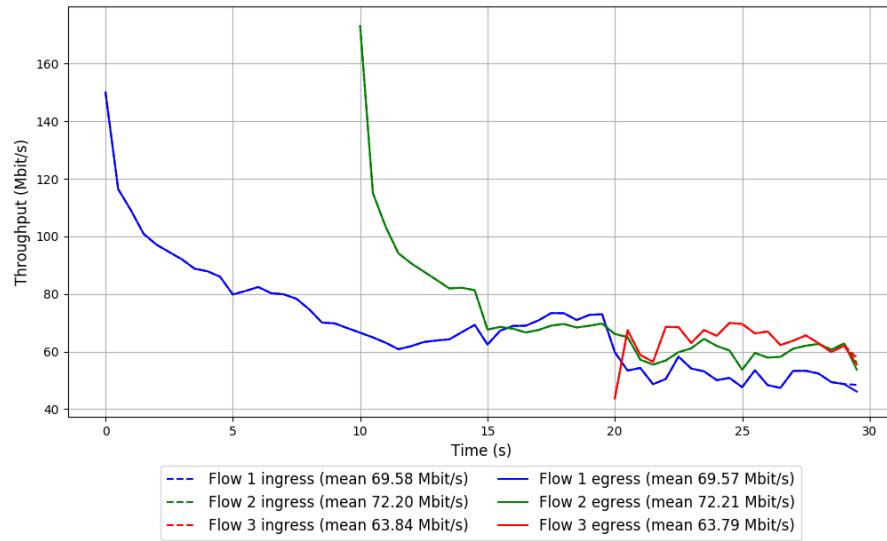


Run 10: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 06:49:53 +0000
End at: Tue, 01 Aug 2017 06:50:23 +0000
Local clock offset: 0.633 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:48:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 138.74 Mbit/s
95th percentile per-packet one-way delay: 1.023 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 69.57 Mbit/s
95th percentile per-packet one-way delay: 1.012 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 1.024 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 63.79 Mbit/s
95th percentile per-packet one-way delay: 1.047 ms
Loss rate: 0.20%
```

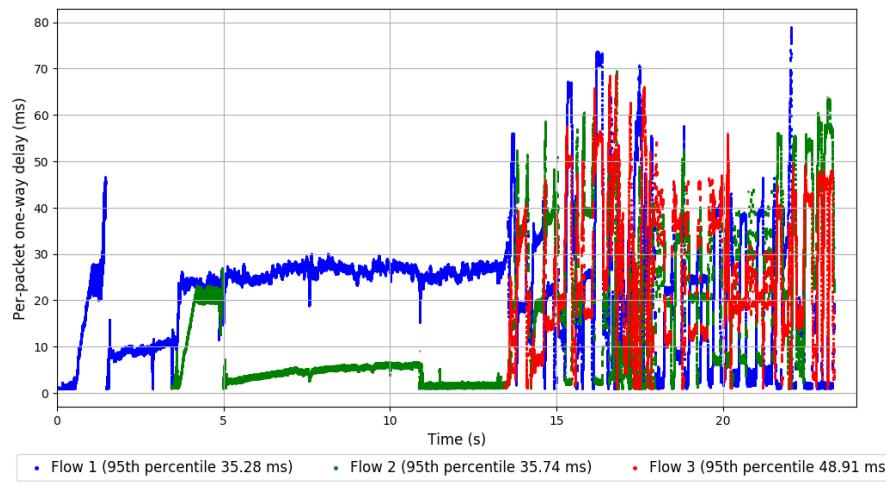
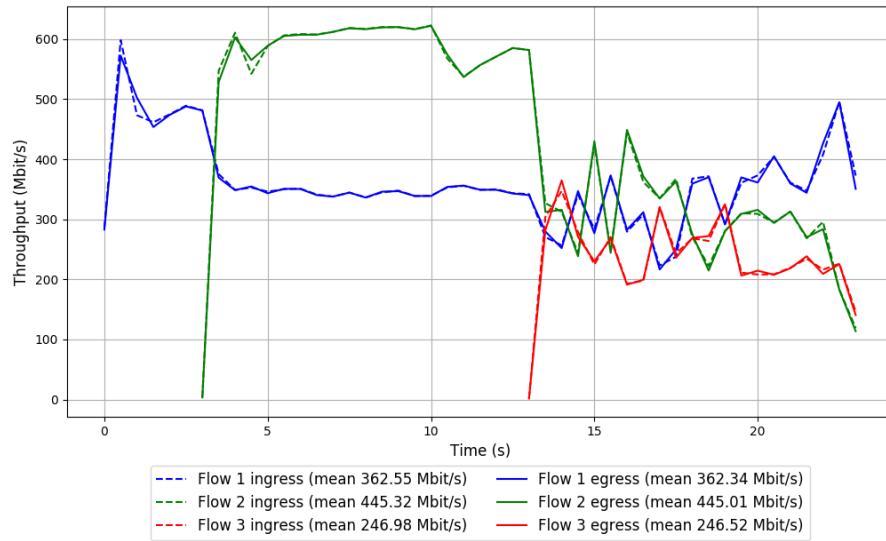
Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 03:08:56 +0000
End at: Tue, 01 Aug 2017 03:09:26 +0000
Local clock offset: 0.042 ms
Remote clock offset: -1.237 ms

Run 1: Report of TCP Cubic — Data Link

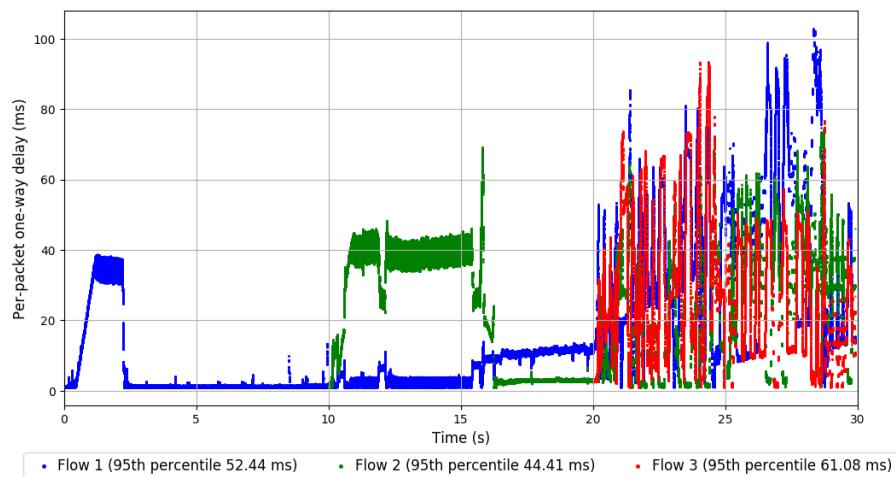
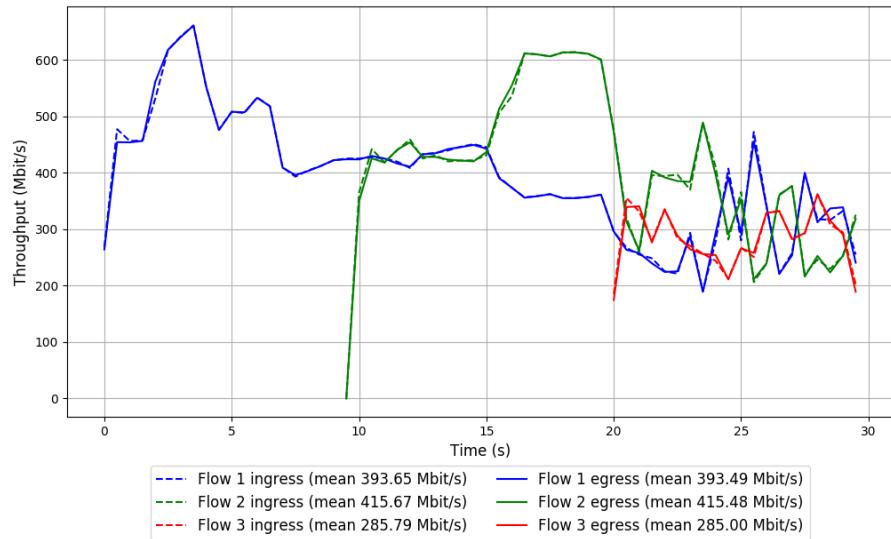


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 03:31:17 +0000
End at: Tue, 01 Aug 2017 03:31:47 +0000
Local clock offset: -0.023 ms
Remote clock offset: -0.77 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:50:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 764.58 Mbit/s
95th percentile per-packet one-way delay: 49.961 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 393.49 Mbit/s
95th percentile per-packet one-way delay: 52.444 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 415.48 Mbit/s
95th percentile per-packet one-way delay: 44.409 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 285.00 Mbit/s
95th percentile per-packet one-way delay: 61.082 ms
Loss rate: 0.33%
```

Run 2: Report of TCP Cubic — Data Link

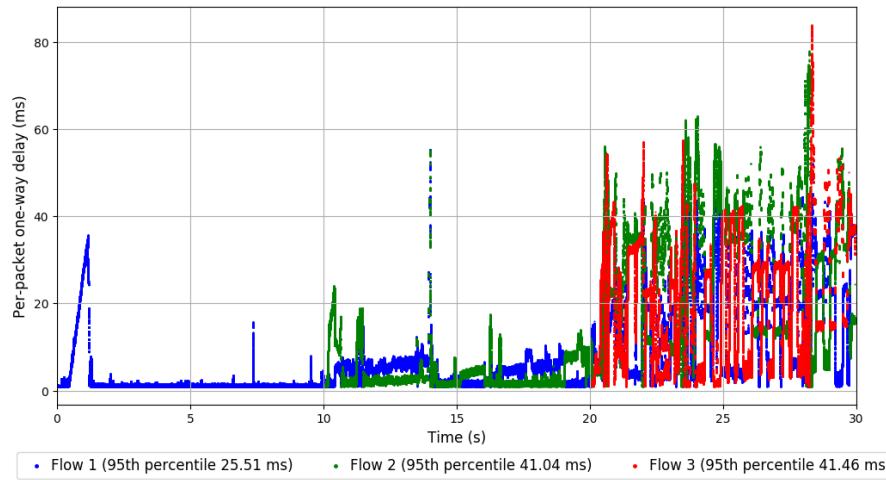
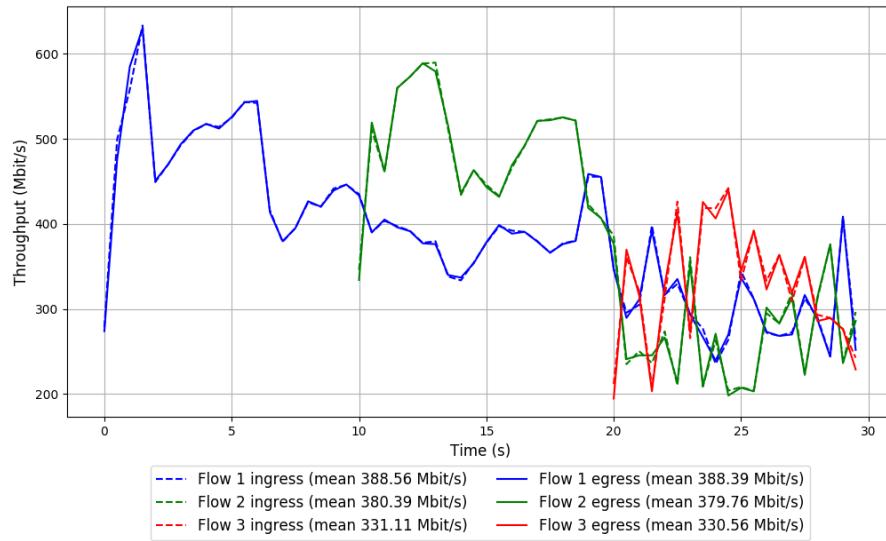


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 03:53:50 +0000
End at: Tue, 01 Aug 2017 03:54:20 +0000
Local clock offset: -0.14 ms
Remote clock offset: -0.939 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:50:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 750.66 Mbit/s
95th percentile per-packet one-way delay: 37.001 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 388.39 Mbit/s
95th percentile per-packet one-way delay: 25.510 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 379.76 Mbit/s
95th percentile per-packet one-way delay: 41.037 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 330.56 Mbit/s
95th percentile per-packet one-way delay: 41.460 ms
Loss rate: 0.38%
```

Run 3: Report of TCP Cubic — Data Link

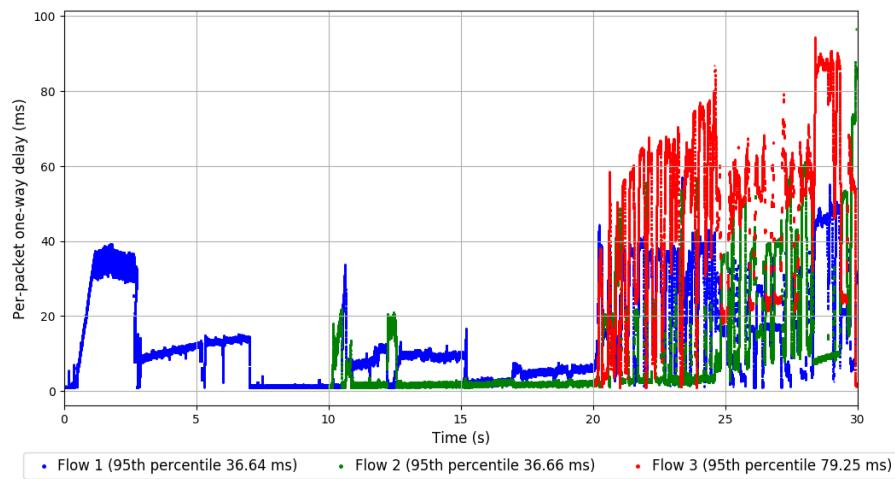
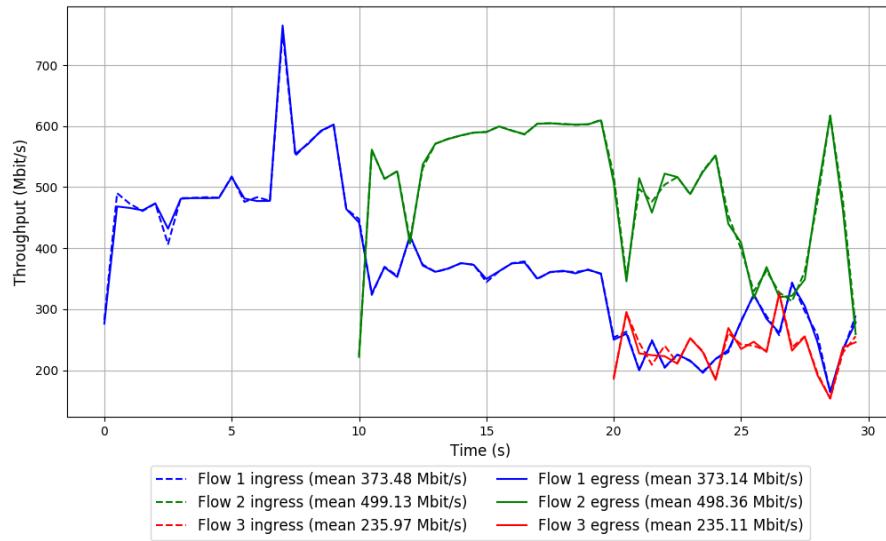


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 04:16:38 +0000
End at: Tue, 01 Aug 2017 04:17:08 +0000
Local clock offset: -0.093 ms
Remote clock offset: -1.162 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:51:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 782.60 Mbit/s
95th percentile per-packet one-way delay: 50.784 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 373.14 Mbit/s
95th percentile per-packet one-way delay: 36.637 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 498.36 Mbit/s
95th percentile per-packet one-way delay: 36.658 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 235.11 Mbit/s
95th percentile per-packet one-way delay: 79.249 ms
Loss rate: 0.60%
```

Run 4: Report of TCP Cubic — Data Link

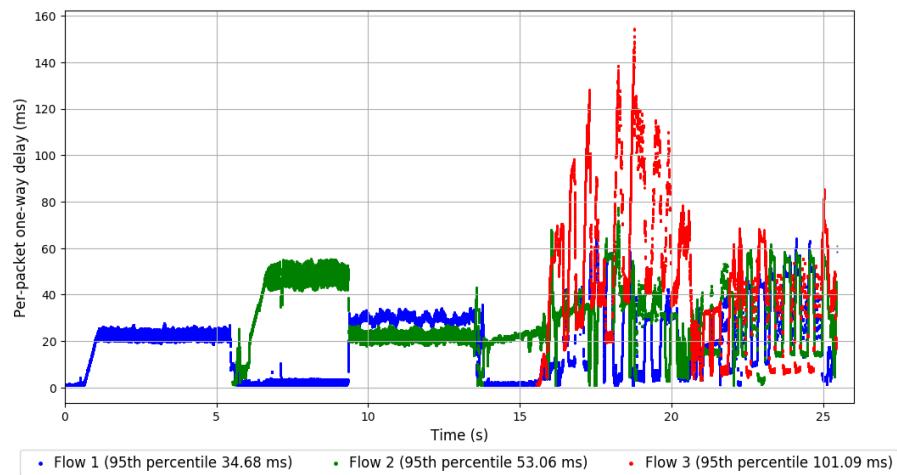
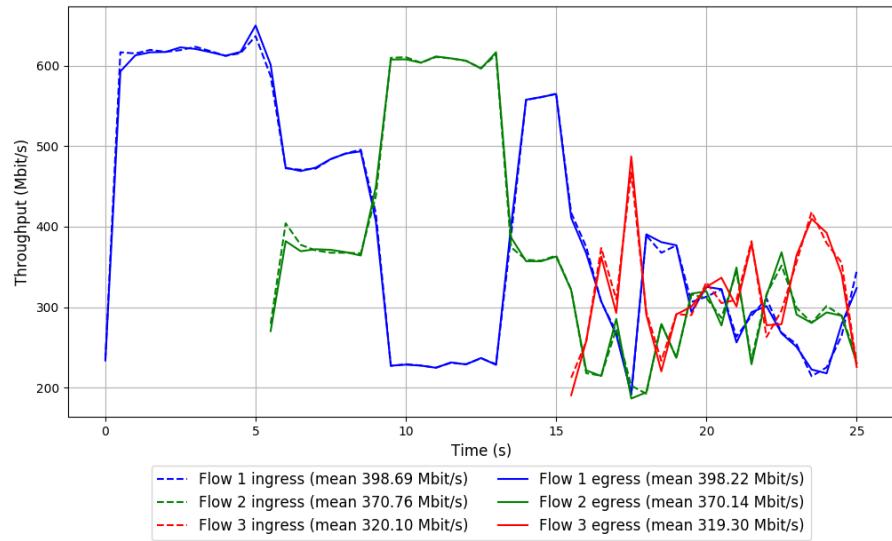


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 04:39:13 +0000
End at: Tue, 01 Aug 2017 04:39:43 +0000
Local clock offset: -0.176 ms
Remote clock offset: -0.866 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:52:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 812.60 Mbit/s
95th percentile per-packet one-way delay: 54.081 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 398.22 Mbit/s
95th percentile per-packet one-way delay: 34.679 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 370.14 Mbit/s
95th percentile per-packet one-way delay: 53.059 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 319.30 Mbit/s
95th percentile per-packet one-way delay: 101.088 ms
Loss rate: 0.44%
```

Run 5: Report of TCP Cubic — Data Link

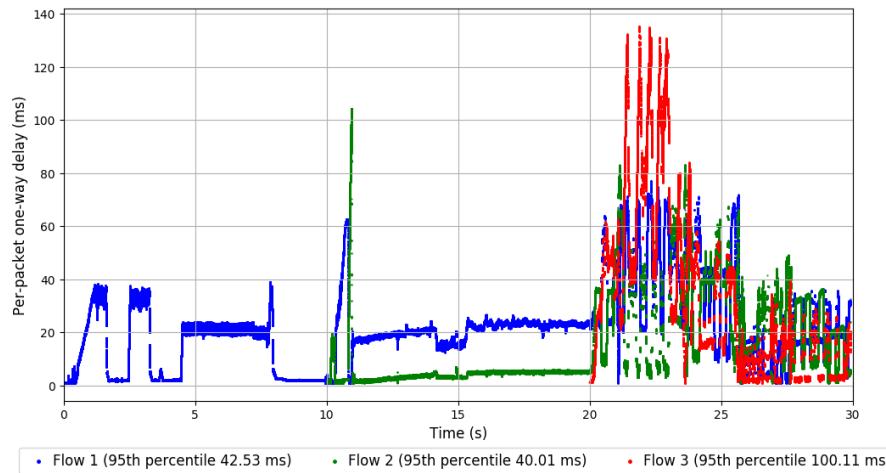
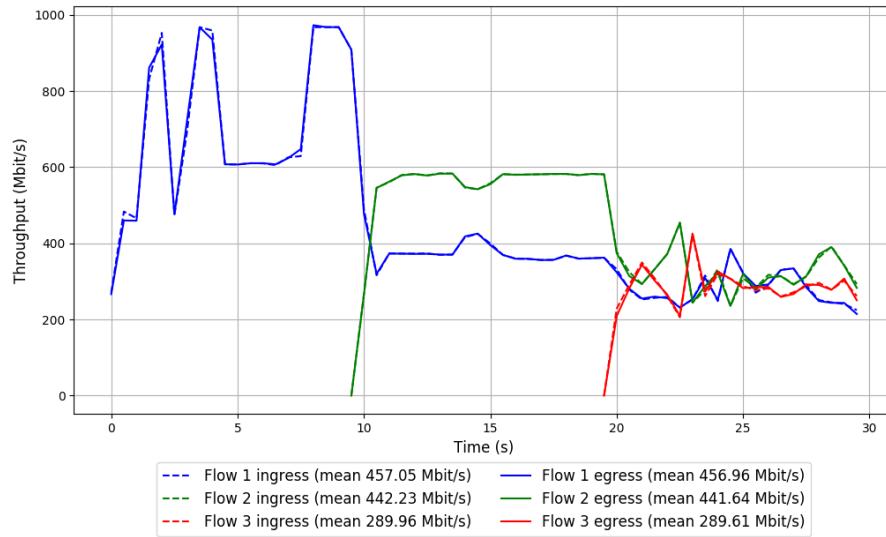


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 05:01:36 +0000
End at: Tue, 01 Aug 2017 05:02:06 +0000
Local clock offset: -0.305 ms
Remote clock offset: -1.104 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:53:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 846.74 Mbit/s
95th percentile per-packet one-way delay: 47.193 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 456.96 Mbit/s
95th percentile per-packet one-way delay: 42.527 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 441.64 Mbit/s
95th percentile per-packet one-way delay: 40.014 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 289.61 Mbit/s
95th percentile per-packet one-way delay: 100.110 ms
Loss rate: 0.30%
```

Run 6: Report of TCP Cubic — Data Link

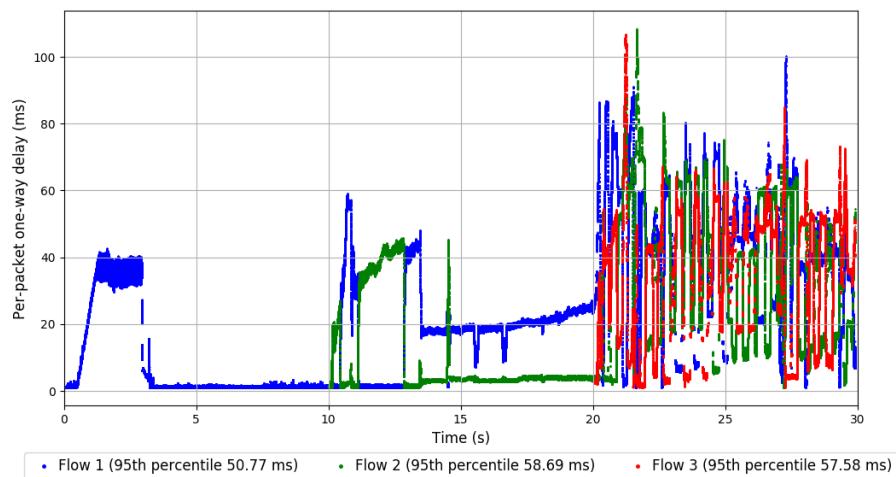
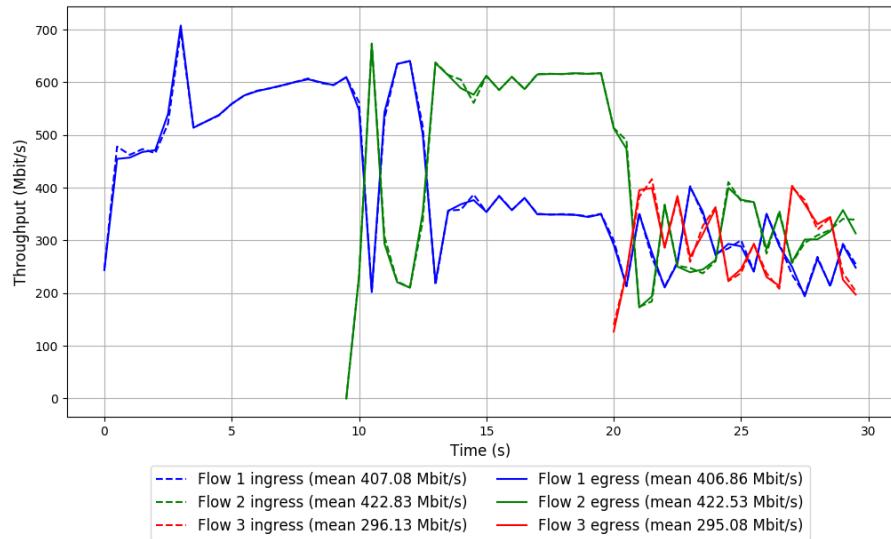


Run 7: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 05:24:11 +0000
End at: Tue, 01 Aug 2017 05:24:41 +0000
Local clock offset: -0.387 ms
Remote clock offset: -1.0 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:54:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 785.92 Mbit/s
95th percentile per-packet one-way delay: 54.999 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 406.86 Mbit/s
95th percentile per-packet one-way delay: 50.774 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 422.53 Mbit/s
95th percentile per-packet one-way delay: 58.694 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 295.08 Mbit/s
95th percentile per-packet one-way delay: 57.579 ms
Loss rate: 0.48%
```

Run 7: Report of TCP Cubic — Data Link

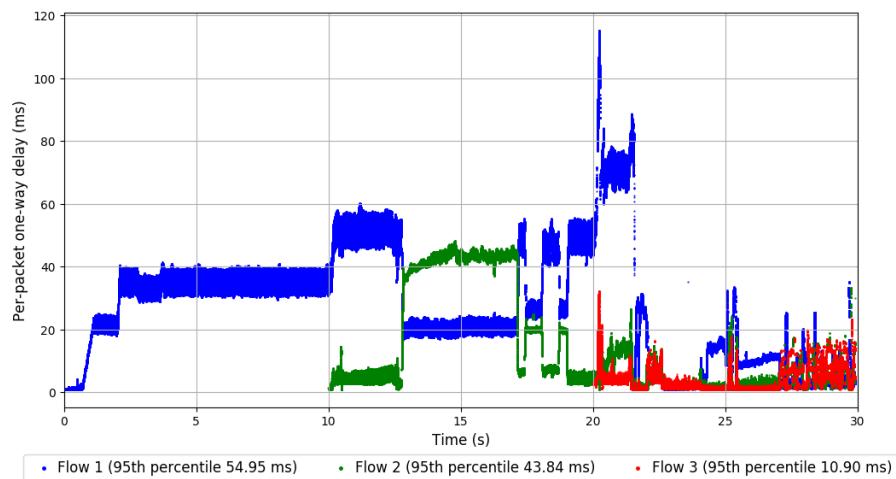
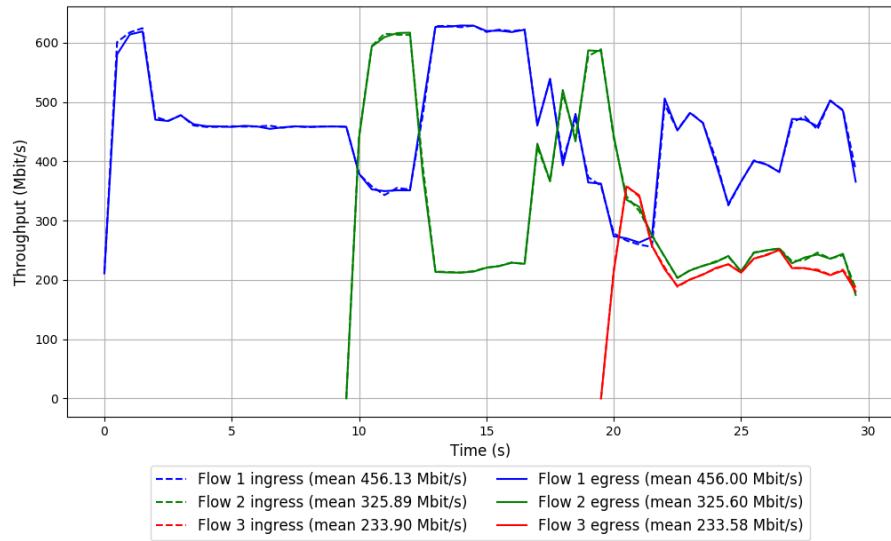


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 05:46:38 +0000
End at: Tue, 01 Aug 2017 05:47:08 +0000
Local clock offset: -0.097 ms
Remote clock offset: -0.597 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:54:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 750.31 Mbit/s
95th percentile per-packet one-way delay: 52.349 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 456.00 Mbit/s
95th percentile per-packet one-way delay: 54.947 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 325.60 Mbit/s
95th percentile per-packet one-way delay: 43.845 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 233.58 Mbit/s
95th percentile per-packet one-way delay: 10.903 ms
Loss rate: 0.32%
```

Run 8: Report of TCP Cubic — Data Link

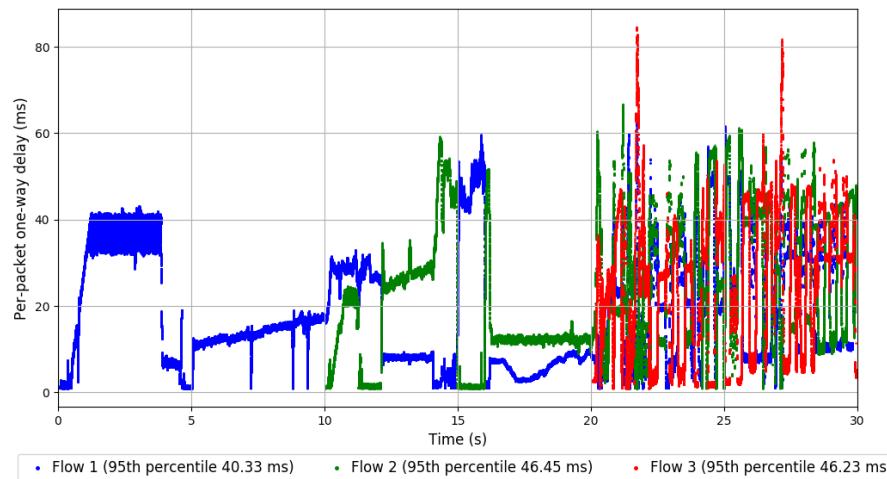
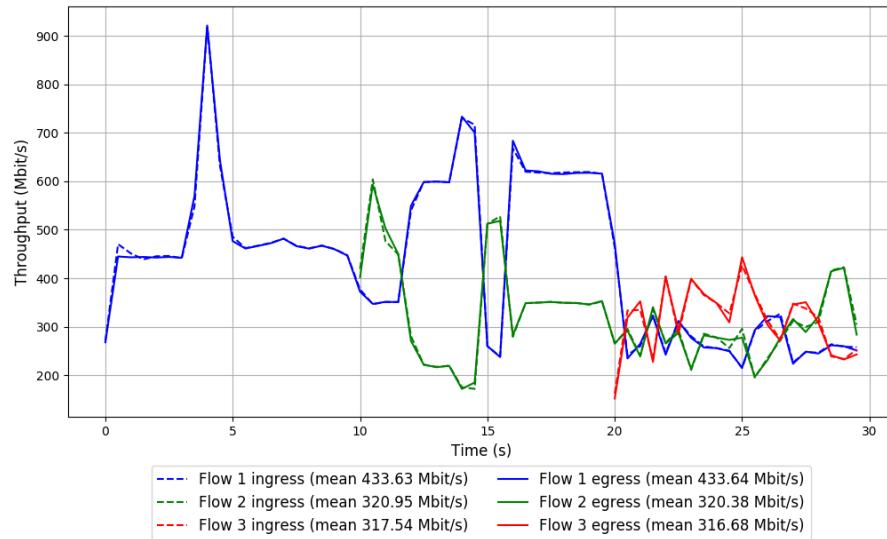


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 06:09:07 +0000
End at: Tue, 01 Aug 2017 06:09:37 +0000
Local clock offset: 0.344 ms
Remote clock offset: -0.248 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:55:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 751.46 Mbit/s
95th percentile per-packet one-way delay: 44.042 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 433.64 Mbit/s
95th percentile per-packet one-way delay: 40.327 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 320.38 Mbit/s
95th percentile per-packet one-way delay: 46.445 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 316.68 Mbit/s
95th percentile per-packet one-way delay: 46.229 ms
Loss rate: 0.41%
```

Run 9: Report of TCP Cubic — Data Link

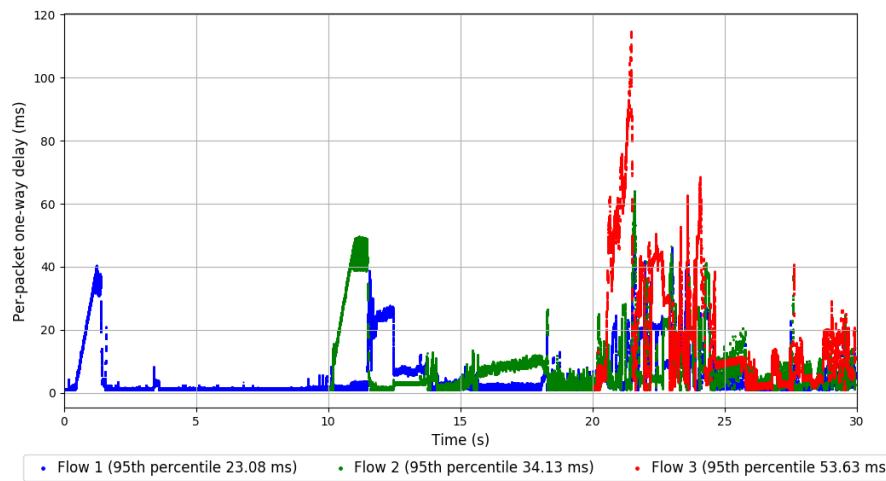
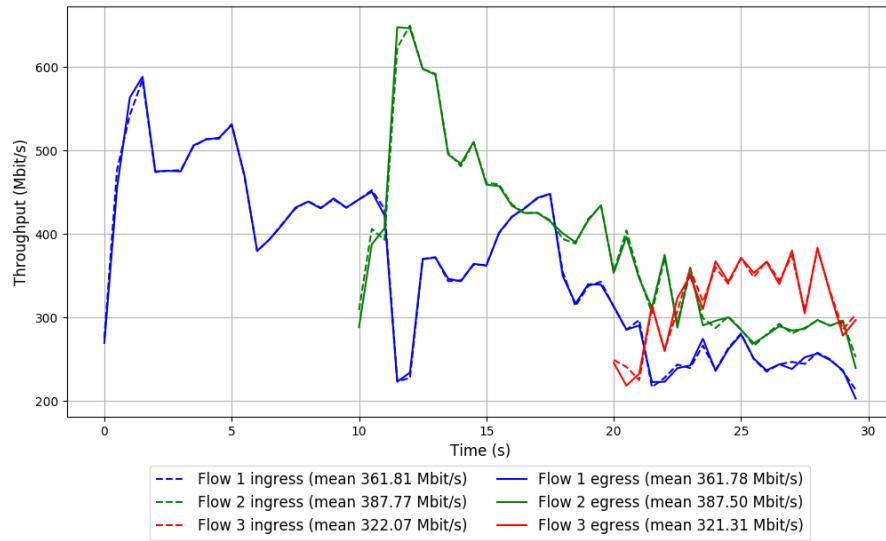


Run 10: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 06:31:46 +0000
End at: Tue, 01 Aug 2017 06:32:16 +0000
Local clock offset: 0.525 ms
Remote clock offset: -0.229 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:56:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 726.09 Mbit/s
95th percentile per-packet one-way delay: 32.224 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 361.78 Mbit/s
95th percentile per-packet one-way delay: 23.084 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 387.50 Mbit/s
95th percentile per-packet one-way delay: 34.130 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 321.31 Mbit/s
95th percentile per-packet one-way delay: 53.628 ms
Loss rate: 0.36%
```

Run 10: Report of TCP Cubic — Data Link

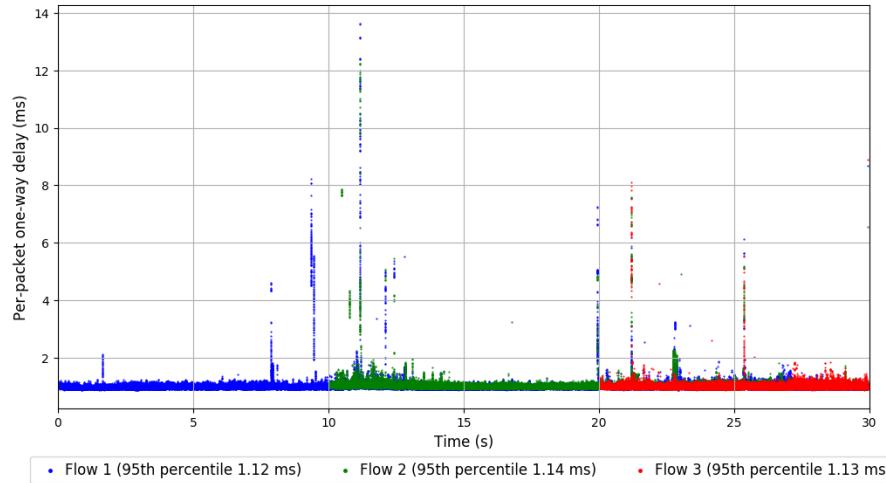
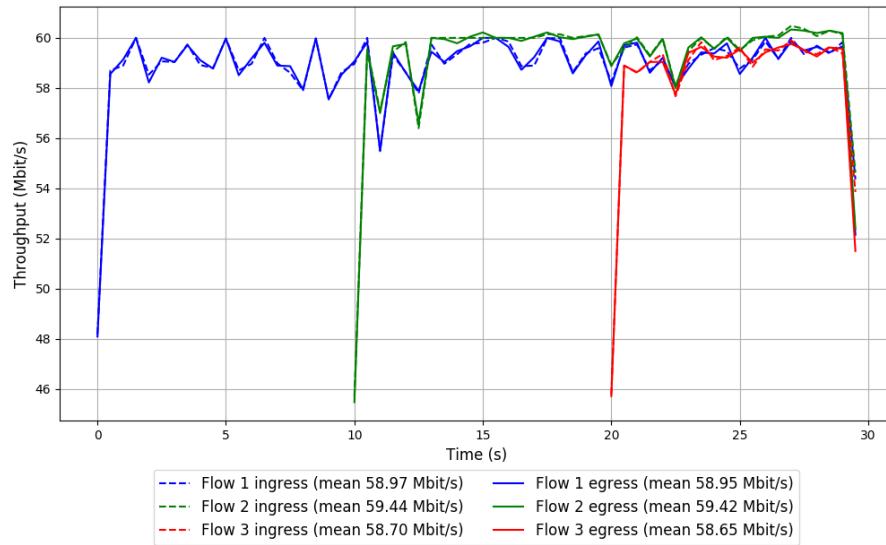


Run 1: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:14:50 +0000
End at: Tue, 01 Aug 2017 03:15:20 +0000
Local clock offset: -0.022 ms
Remote clock offset: -1.12 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:56:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.90 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 1.137 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.20%
```

Run 1: Report of KohoCC — Data Link

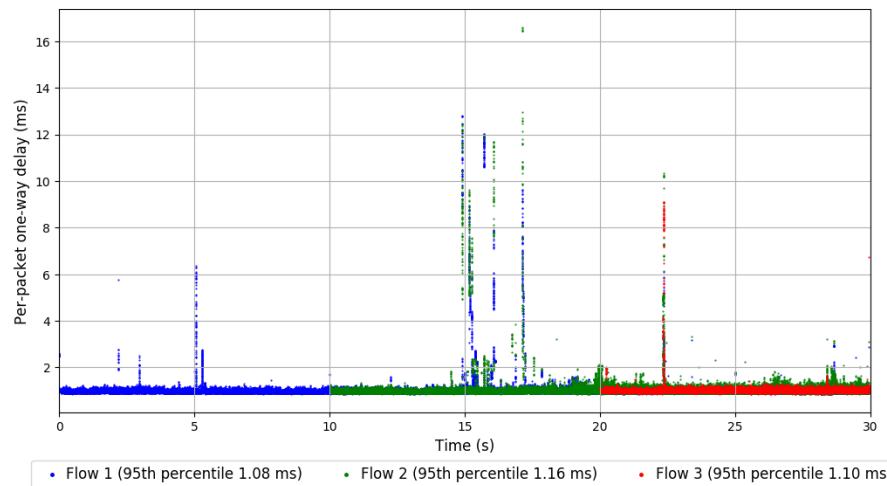
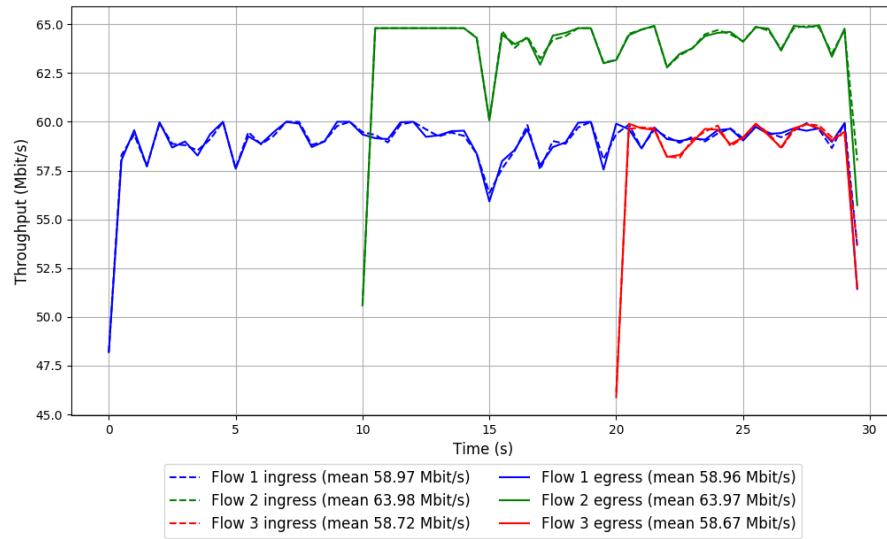


Run 2: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:37:18 +0000
End at: Tue, 01 Aug 2017 03:37:48 +0000
Local clock offset: -0.152 ms
Remote clock offset: -0.88 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:56:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 120.95 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.96 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 1.158 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 1.104 ms
Loss rate: 0.20%
```

Run 2: Report of KohoCC — Data Link

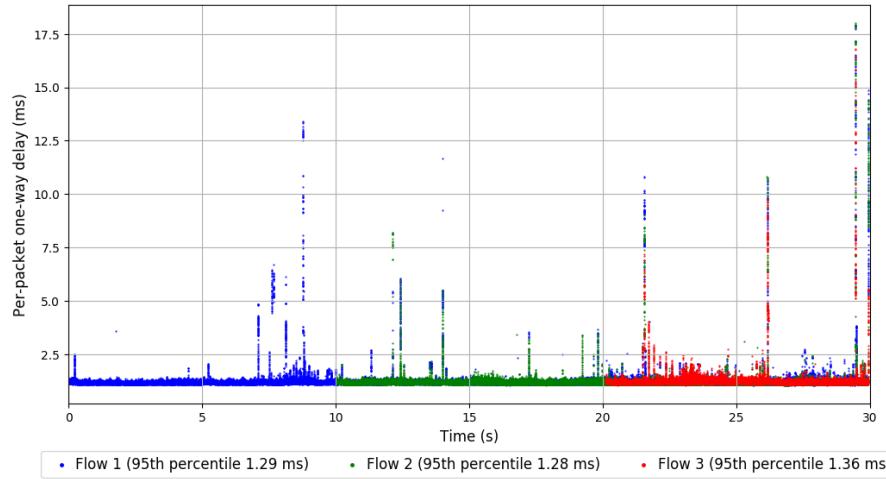
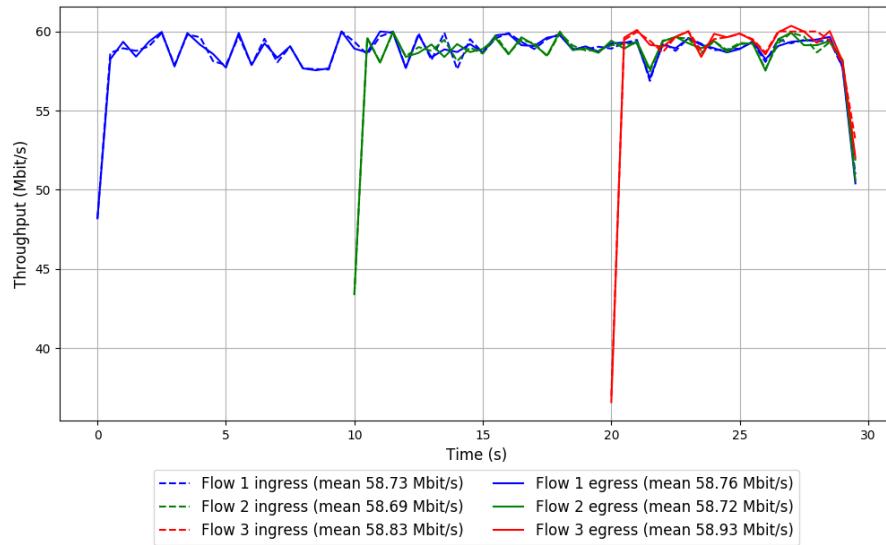


Run 3: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:59:52 +0000
End at: Tue, 01 Aug 2017 04:00:22 +0000
Local clock offset: -0.037 ms
Remote clock offset: -1.051 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:56:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.14 Mbit/s
95th percentile per-packet one-way delay: 1.303 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 58.76 Mbit/s
95th percentile per-packet one-way delay: 1.295 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 58.72 Mbit/s
95th percentile per-packet one-way delay: 1.284 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 1.365 ms
Loss rate: 0.10%
```

Run 3: Report of KohoCC — Data Link

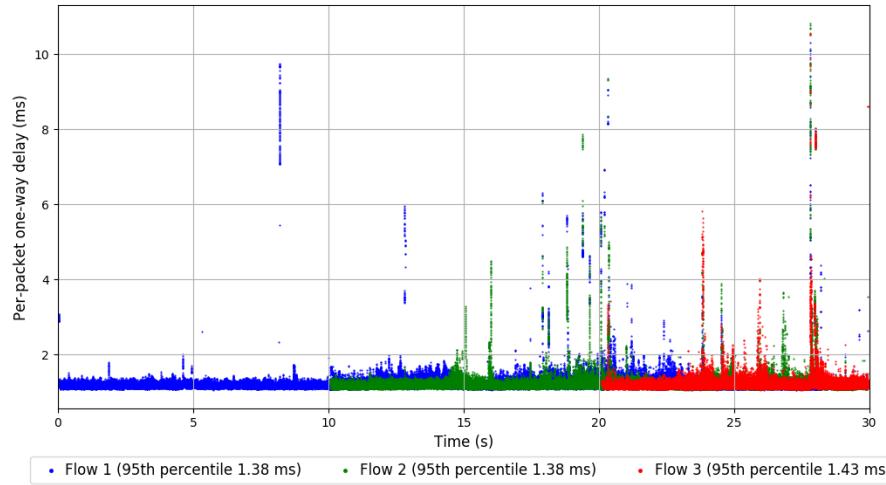
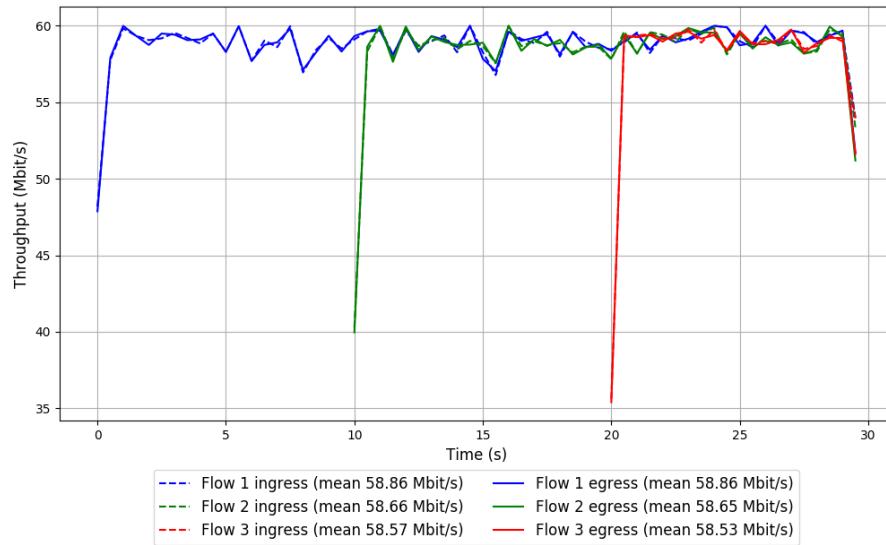


Run 4: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:22:42 +0000
End at: Tue, 01 Aug 2017 04:23:12 +0000
Local clock offset: -0.113 ms
Remote clock offset: -1.142 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:56:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.00 Mbit/s
95th percentile per-packet one-way delay: 1.386 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 1.377 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 1.380 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.53 Mbit/s
95th percentile per-packet one-way delay: 1.428 ms
Loss rate: 0.20%
```

Run 4: Report of KohoCC — Data Link

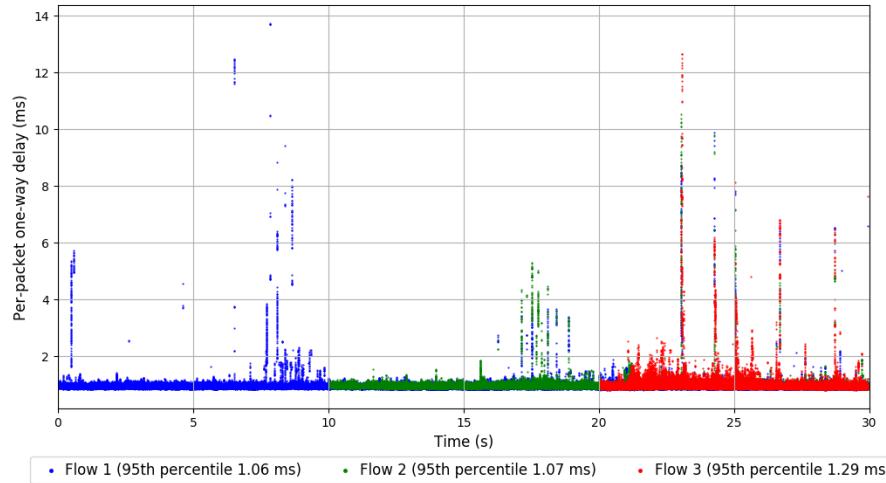
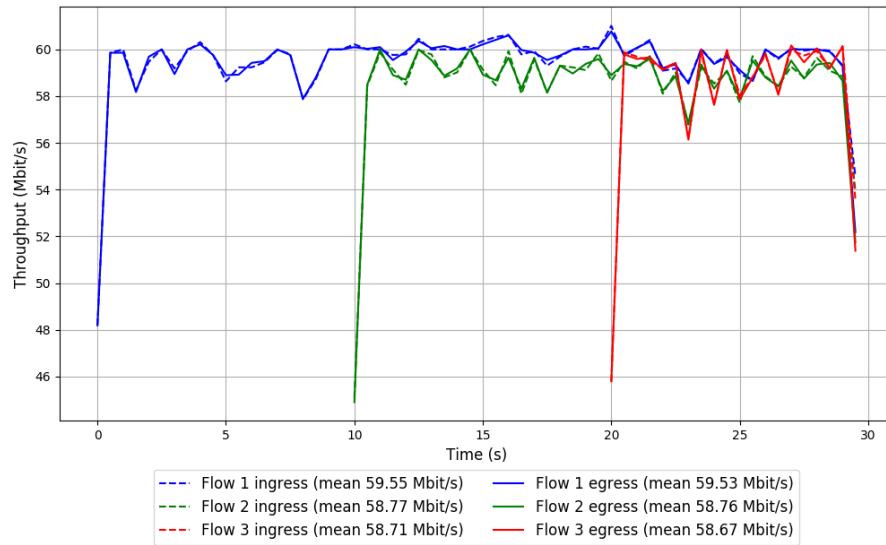


Run 5: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:45:12 +0000
End at: Tue, 01 Aug 2017 04:45:42 +0000
Local clock offset: -0.307 ms
Remote clock offset: -0.893 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:56:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.01 Mbit/s
95th percentile per-packet one-way delay: 1.095 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 1.060 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 58.76 Mbit/s
95th percentile per-packet one-way delay: 1.074 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 1.292 ms
Loss rate: 0.20%
```

Run 5: Report of KohoCC — Data Link

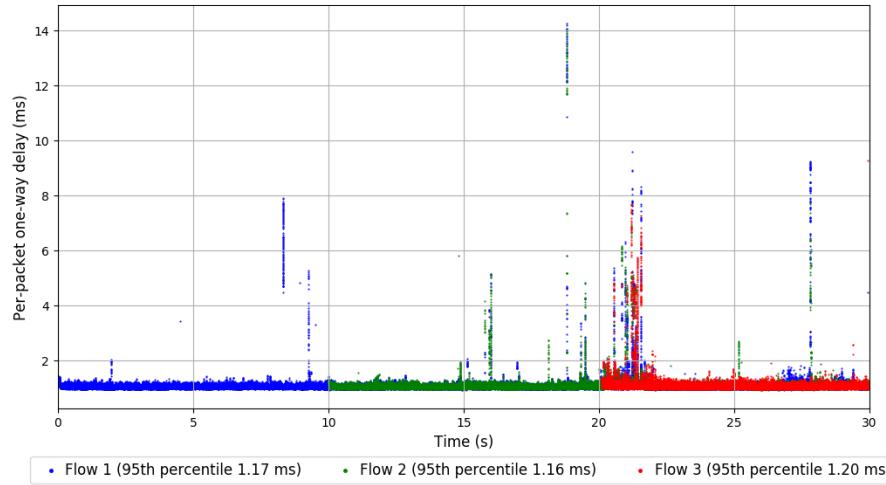
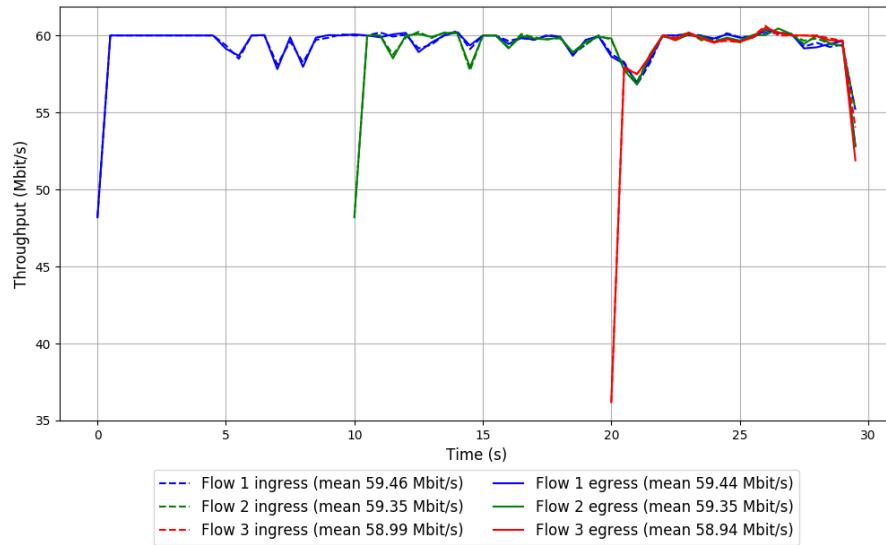


Run 6: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 05:07:41 +0000
End at: Tue, 01 Aug 2017 05:08:11 +0000
Local clock offset: -0.301 ms
Remote clock offset: -1.205 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:56:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.31 Mbit/s
95th percentile per-packet one-way delay: 1.172 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.44 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 1.161 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 1.204 ms
Loss rate: 0.20%
```

Run 6: Report of KohoCC — Data Link

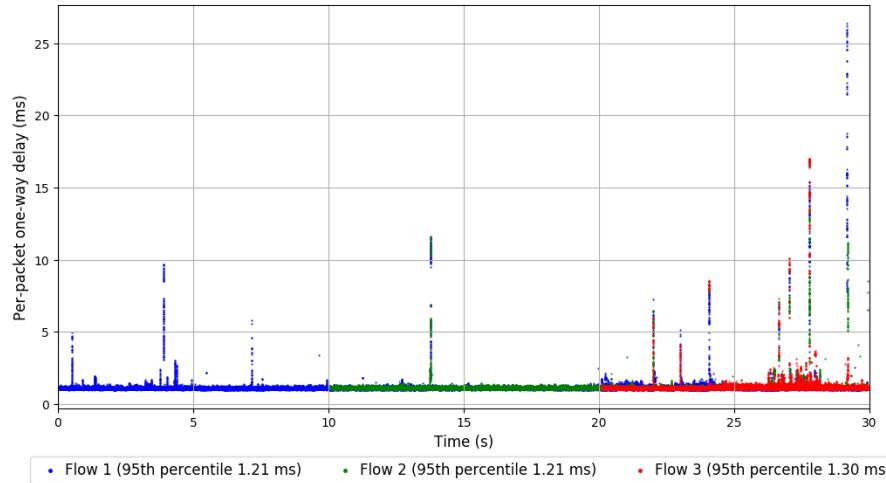
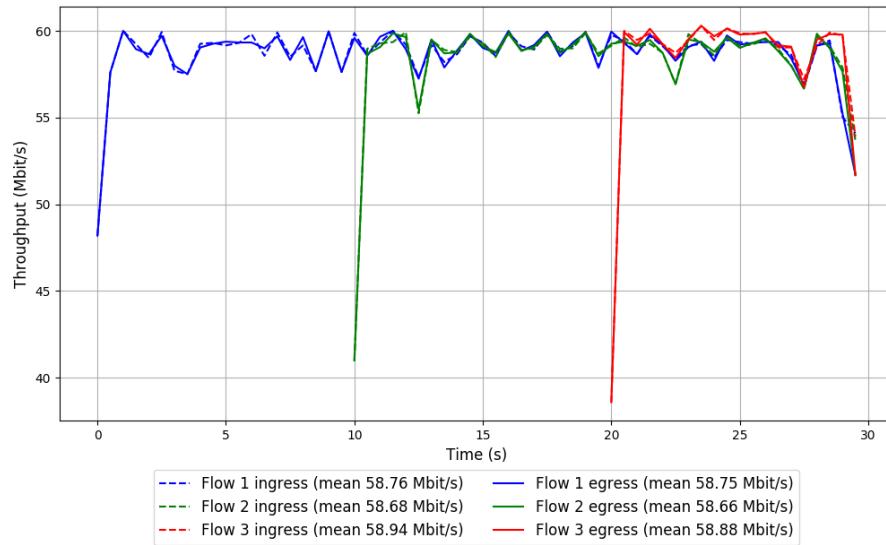


Run 7: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 05:30:10 +0000
End at: Tue, 01 Aug 2017 05:30:40 +0000
Local clock offset: -0.286 ms
Remote clock offset: -0.865 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:57:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.06 Mbit/s
95th percentile per-packet one-way delay: 1.222 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 1.206 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 58.66 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 1.300 ms
Loss rate: 0.20%
```

Run 7: Report of KohoCC — Data Link

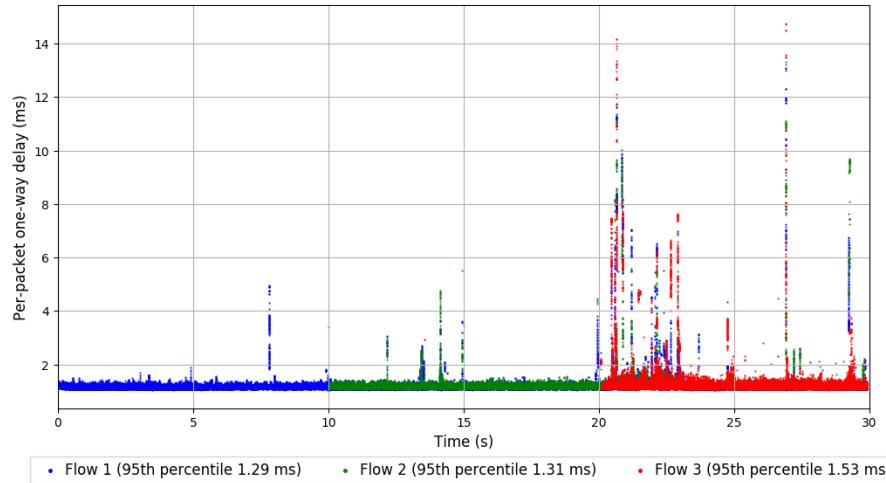
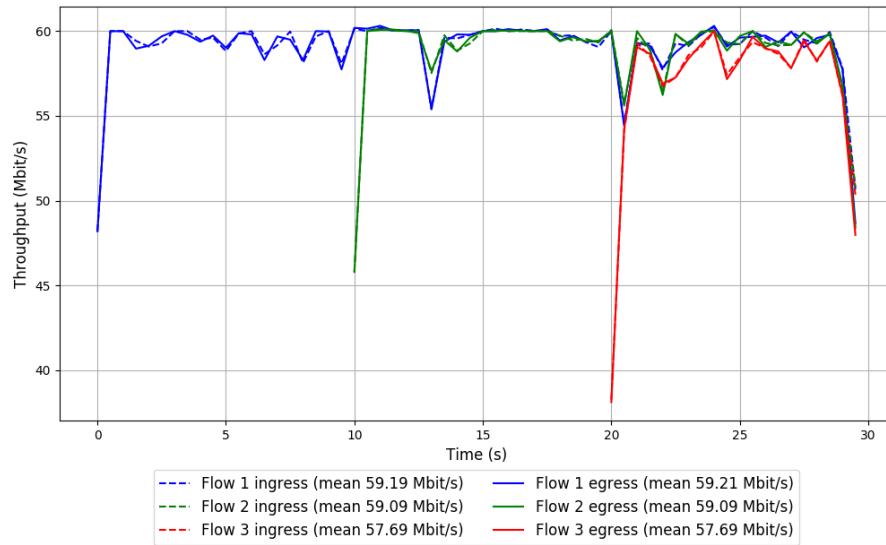


Run 8: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 05:52:39 +0000
End at: Tue, 01 Aug 2017 05:53:09 +0000
Local clock offset: 0.094 ms
Remote clock offset: -0.454 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:57:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.46 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 1.292 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 59.09 Mbit/s
95th percentile per-packet one-way delay: 1.308 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 57.69 Mbit/s
95th percentile per-packet one-way delay: 1.530 ms
Loss rate: 0.21%
```

Run 8: Report of KohoCC — Data Link

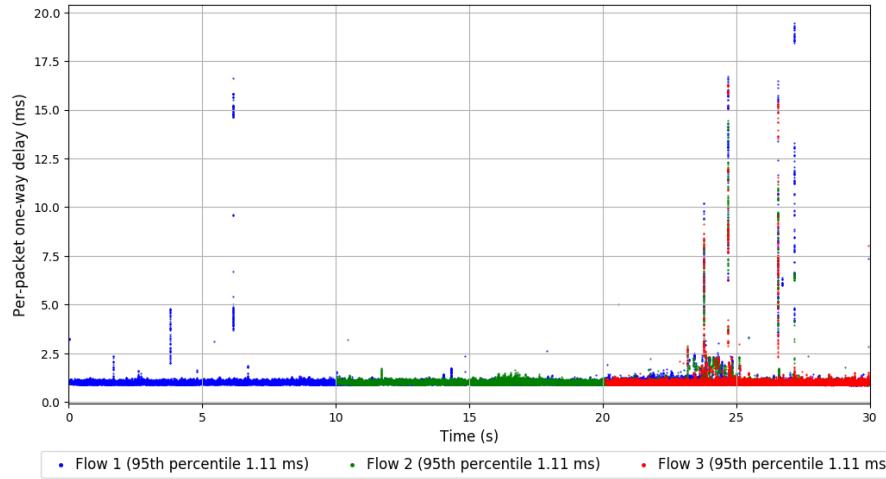
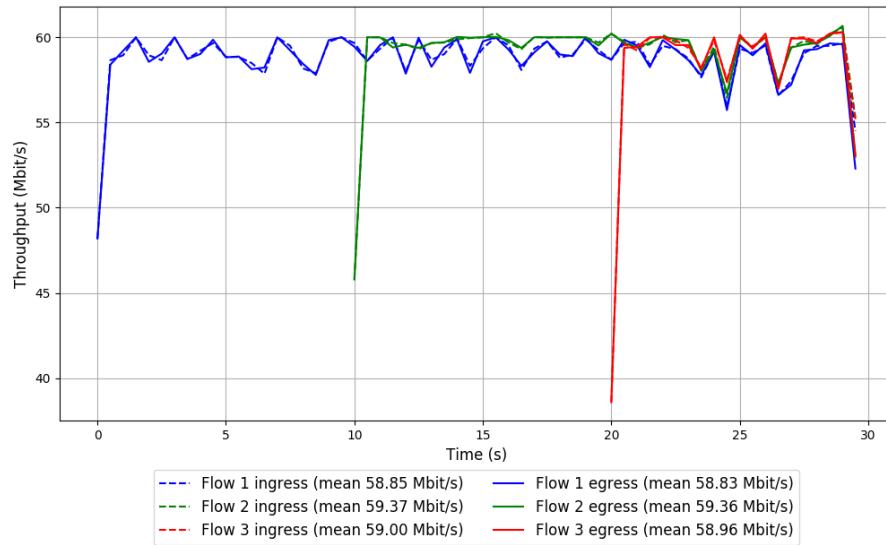


Run 9: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 06:15:11 +0000
End at: Tue, 01 Aug 2017 06:15:41 +0000
Local clock offset: 0.322 ms
Remote clock offset: -0.353 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:57:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.70 Mbit/s
95th percentile per-packet one-way delay: 1.113 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.83 Mbit/s
95th percentile per-packet one-way delay: 1.114 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 58.96 Mbit/s
95th percentile per-packet one-way delay: 1.115 ms
Loss rate: 0.20%
```

Run 9: Report of KohoCC — Data Link

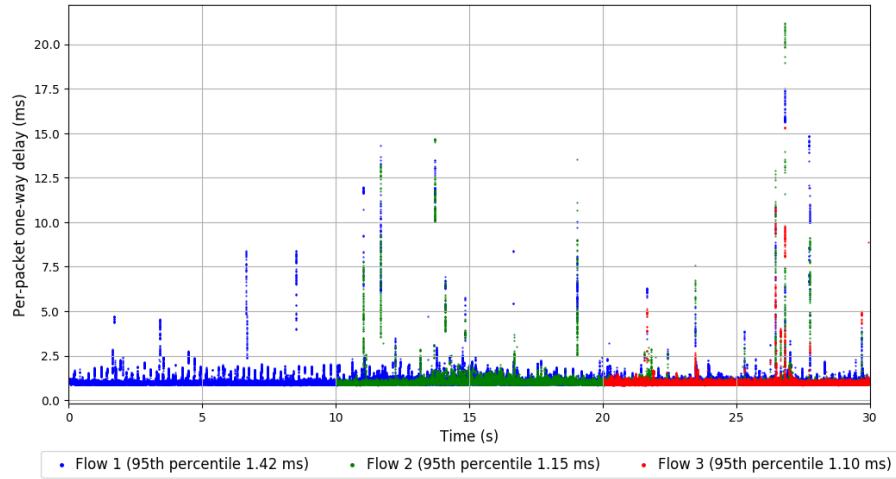
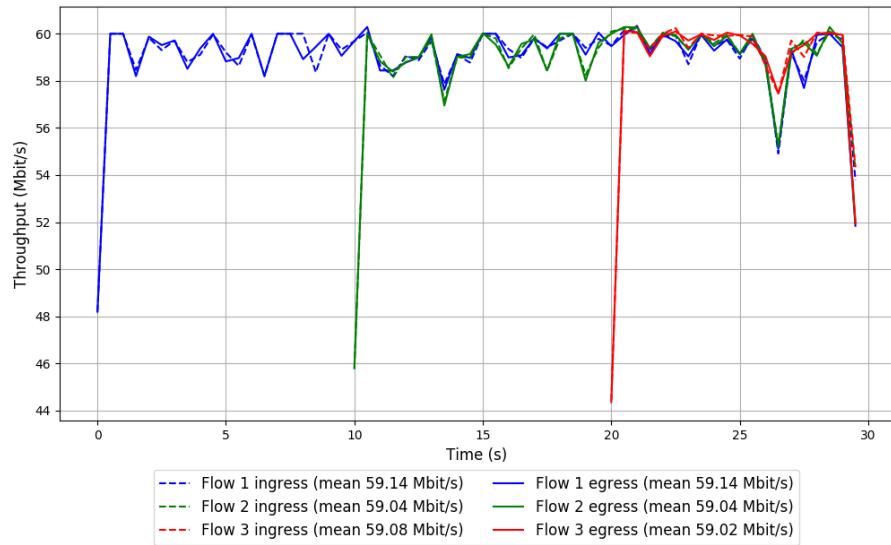


Run 10: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 06:37:46 +0000
End at: Tue, 01 Aug 2017 06:38:16 +0000
Local clock offset: 0.577 ms
Remote clock offset: -0.04 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:57:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 117.92 Mbit/s
95th percentile per-packet one-way delay: 1.267 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 1.417 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 59.04 Mbit/s
95th percentile per-packet one-way delay: 1.152 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 59.02 Mbit/s
95th percentile per-packet one-way delay: 1.102 ms
Loss rate: 0.23%
```

Run 10: Report of KohoCC — Data Link

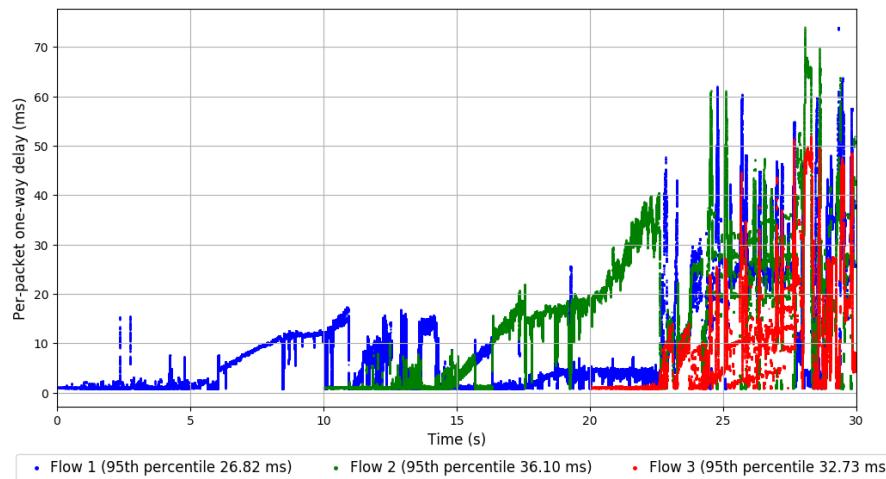
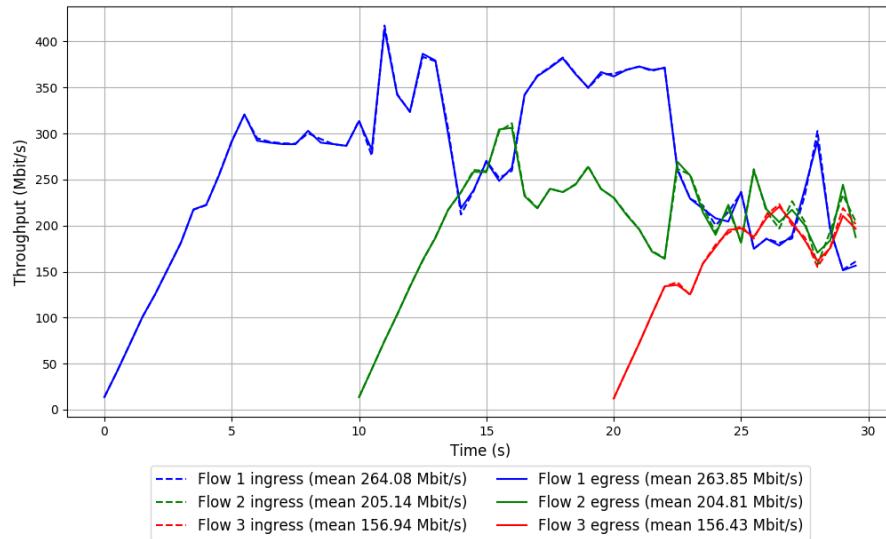


Run 1: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:16:09 +0000
End at: Tue, 01 Aug 2017 03:16:39 +0000
Local clock offset: -0.054 ms
Remote clock offset: -1.125 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:58:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 451.93 Mbit/s
95th percentile per-packet one-way delay: 32.491 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 263.85 Mbit/s
95th percentile per-packet one-way delay: 26.825 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 204.81 Mbit/s
95th percentile per-packet one-way delay: 36.104 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 156.43 Mbit/s
95th percentile per-packet one-way delay: 32.727 ms
Loss rate: 0.52%
```

Run 1: Report of LEDBAT — Data Link

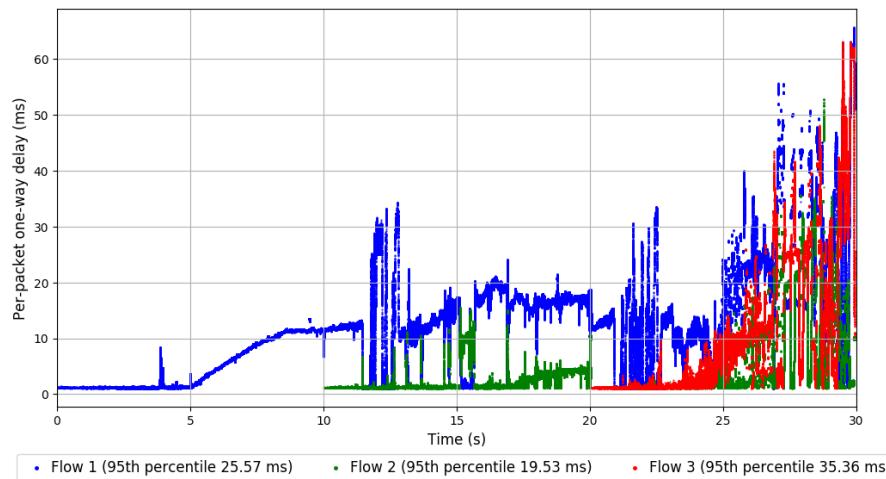
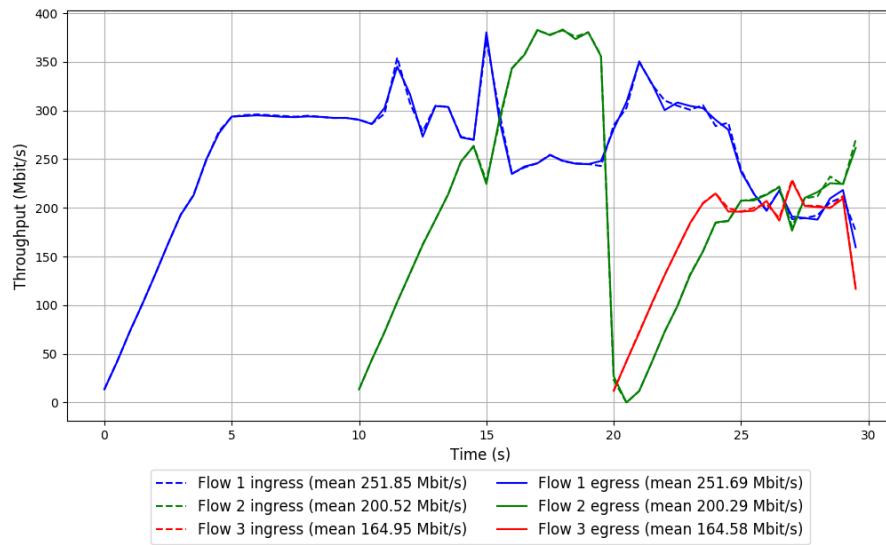


Run 2: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:38:37 +0000
End at: Tue, 01 Aug 2017 03:39:07 +0000
Local clock offset: -0.067 ms
Remote clock offset: -0.987 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:58:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 439.44 Mbit/s
95th percentile per-packet one-way delay: 25.392 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 251.69 Mbit/s
95th percentile per-packet one-way delay: 25.568 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 200.29 Mbit/s
95th percentile per-packet one-way delay: 19.530 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 164.58 Mbit/s
95th percentile per-packet one-way delay: 35.362 ms
Loss rate: 0.41%
```

Run 2: Report of LEDBAT — Data Link

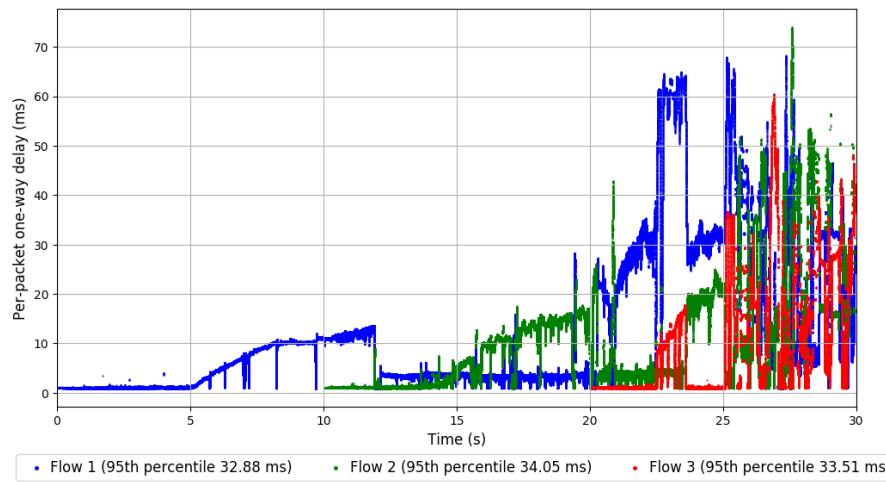
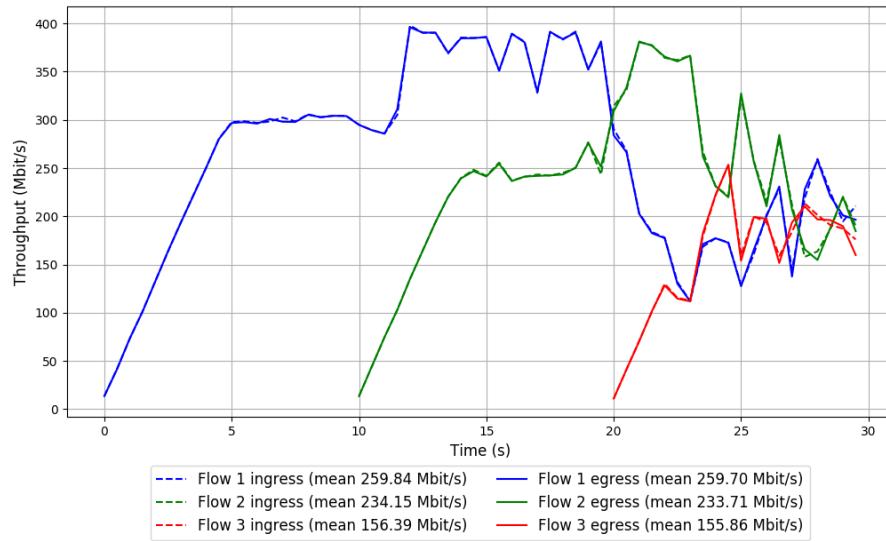


Run 3: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:01:11 +0000
End at: Tue, 01 Aug 2017 04:01:41 +0000
Local clock offset: -0.139 ms
Remote clock offset: -1.013 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:59:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 466.57 Mbit/s
95th percentile per-packet one-way delay: 33.211 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 259.70 Mbit/s
95th percentile per-packet one-way delay: 32.885 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 233.71 Mbit/s
95th percentile per-packet one-way delay: 34.053 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 155.86 Mbit/s
95th percentile per-packet one-way delay: 33.505 ms
Loss rate: 0.52%
```

Run 3: Report of LEDBAT — Data Link

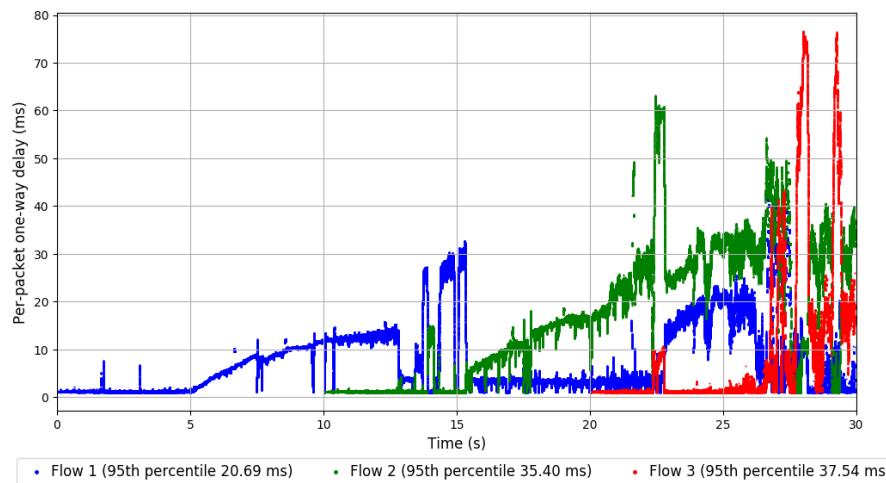
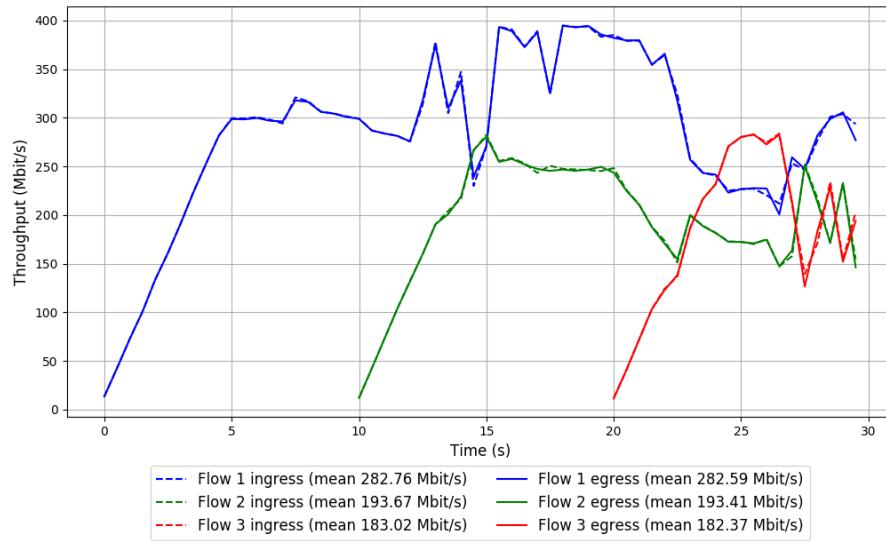


Run 4: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:24:00 +0000
End at: Tue, 01 Aug 2017 04:24:30 +0000
Local clock offset: -0.098 ms
Remote clock offset: -1.067 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 09:59:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 471.55 Mbit/s
95th percentile per-packet one-way delay: 31.113 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 282.59 Mbit/s
95th percentile per-packet one-way delay: 20.689 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 193.41 Mbit/s
95th percentile per-packet one-way delay: 35.403 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 182.37 Mbit/s
95th percentile per-packet one-way delay: 37.541 ms
Loss rate: 0.49%
```

Run 4: Report of LEDBAT — Data Link

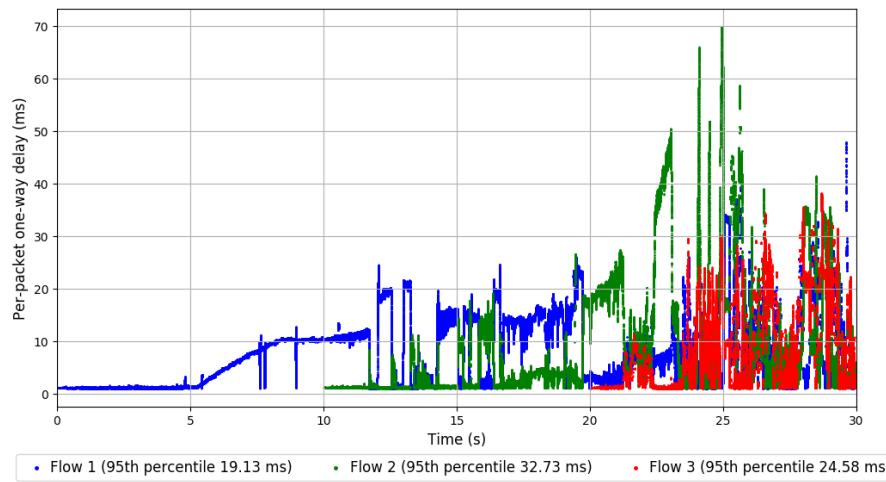
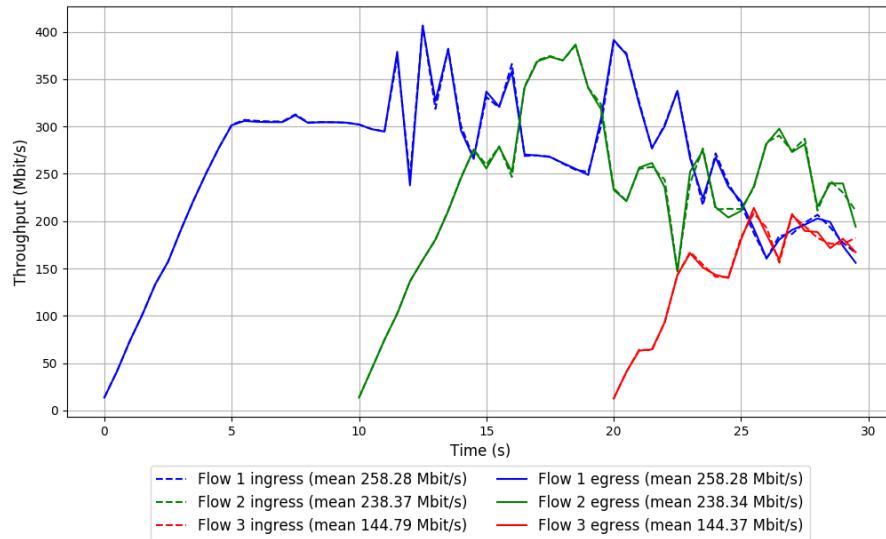


Run 5: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:46:31 +0000
End at: Tue, 01 Aug 2017 04:47:01 +0000
Local clock offset: -0.204 ms
Remote clock offset: -1.017 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:00:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 464.58 Mbit/s
95th percentile per-packet one-way delay: 22.439 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 258.28 Mbit/s
95th percentile per-packet one-way delay: 19.131 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 238.34 Mbit/s
95th percentile per-packet one-way delay: 32.734 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 144.37 Mbit/s
95th percentile per-packet one-way delay: 24.578 ms
Loss rate: 0.54%
```

Run 5: Report of LEDBAT — Data Link

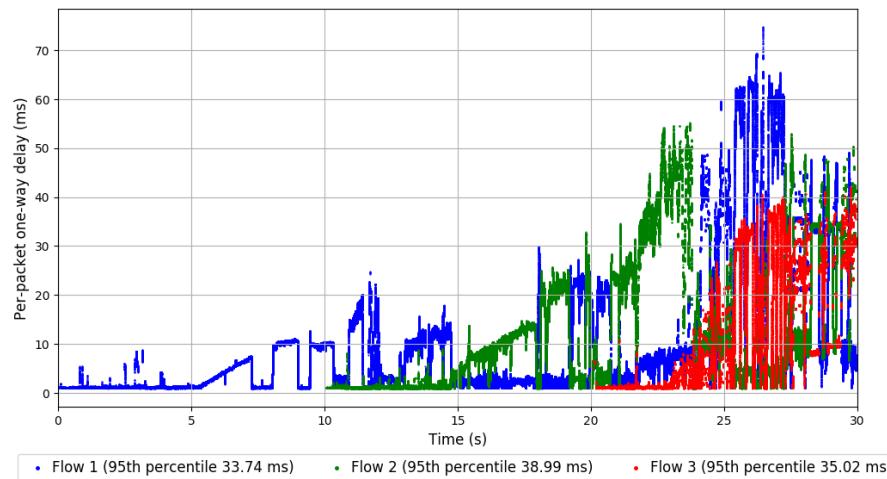
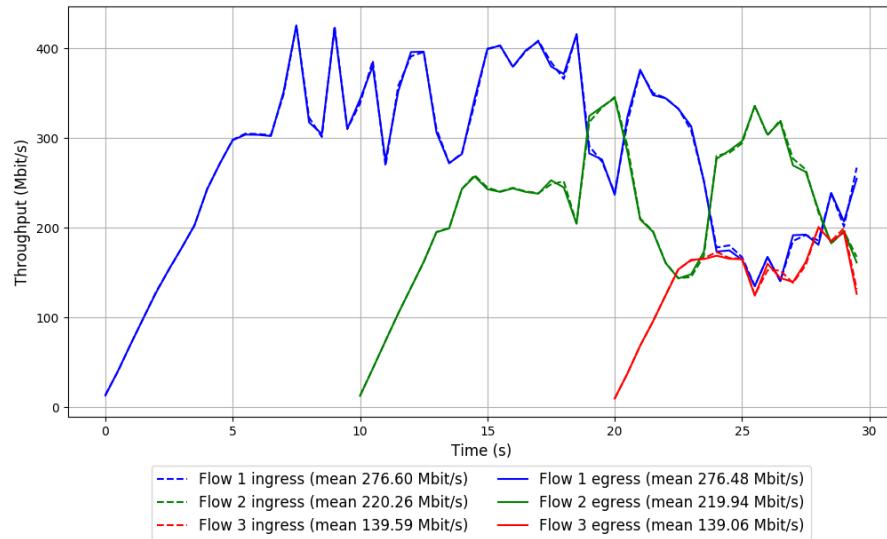


Run 6: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 05:08:59 +0000
End at: Tue, 01 Aug 2017 05:09:29 +0000
Local clock offset: -0.307 ms
Remote clock offset: -1.267 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:00:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 468.74 Mbit/s
95th percentile per-packet one-way delay: 35.785 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 276.48 Mbit/s
95th percentile per-packet one-way delay: 33.745 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 219.94 Mbit/s
95th percentile per-packet one-way delay: 38.995 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 139.06 Mbit/s
95th percentile per-packet one-way delay: 35.024 ms
Loss rate: 0.54%
```

Run 6: Report of LEDBAT — Data Link

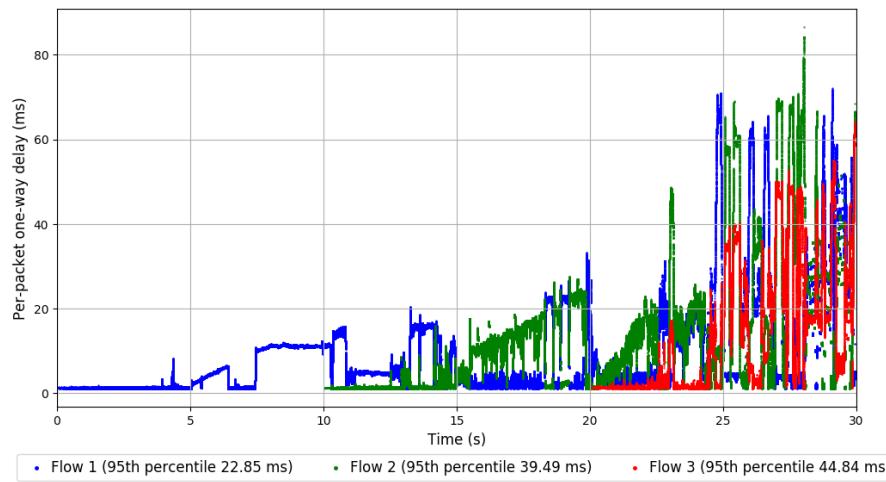
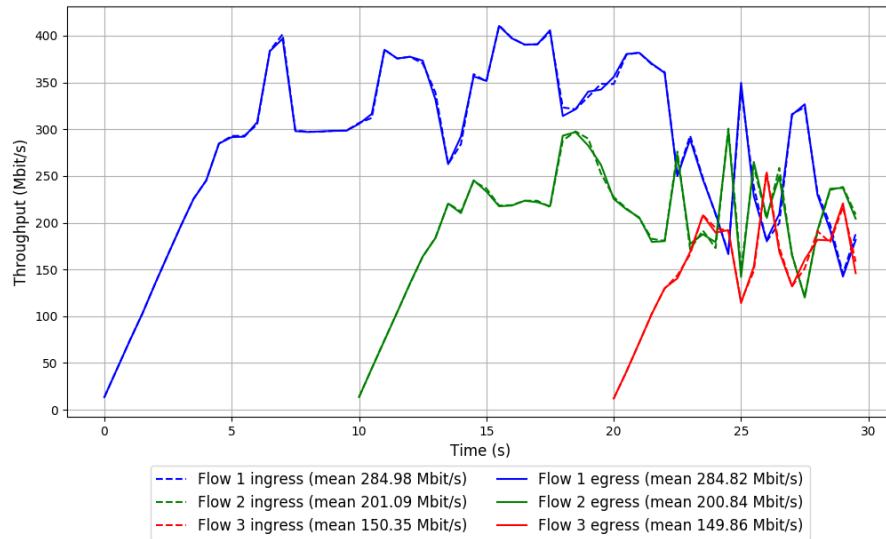


Run 7: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 05:31:28 +0000
End at: Tue, 01 Aug 2017 05:31:58 +0000
Local clock offset: -0.283 ms
Remote clock offset: -0.922 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:01:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 467.98 Mbit/s
95th percentile per-packet one-way delay: 30.828 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 284.82 Mbit/s
95th percentile per-packet one-way delay: 22.850 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 200.84 Mbit/s
95th percentile per-packet one-way delay: 39.490 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 149.86 Mbit/s
95th percentile per-packet one-way delay: 44.845 ms
Loss rate: 0.53%
```

Run 7: Report of LEDBAT — Data Link

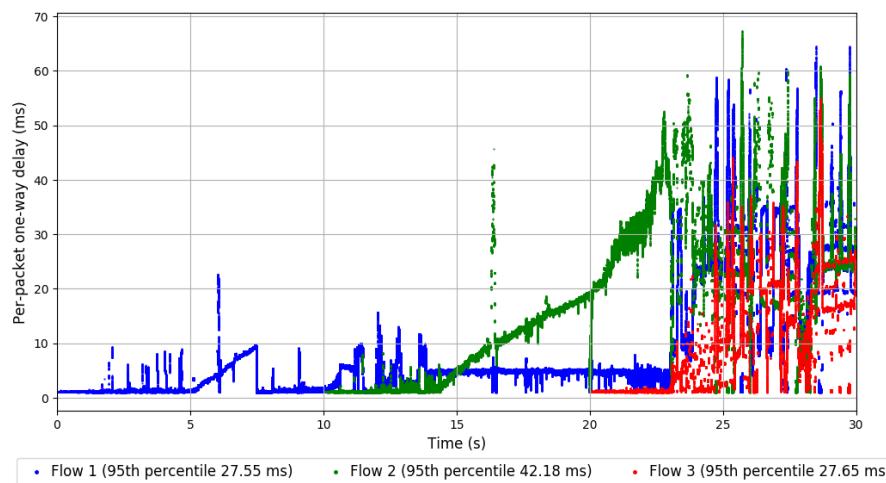
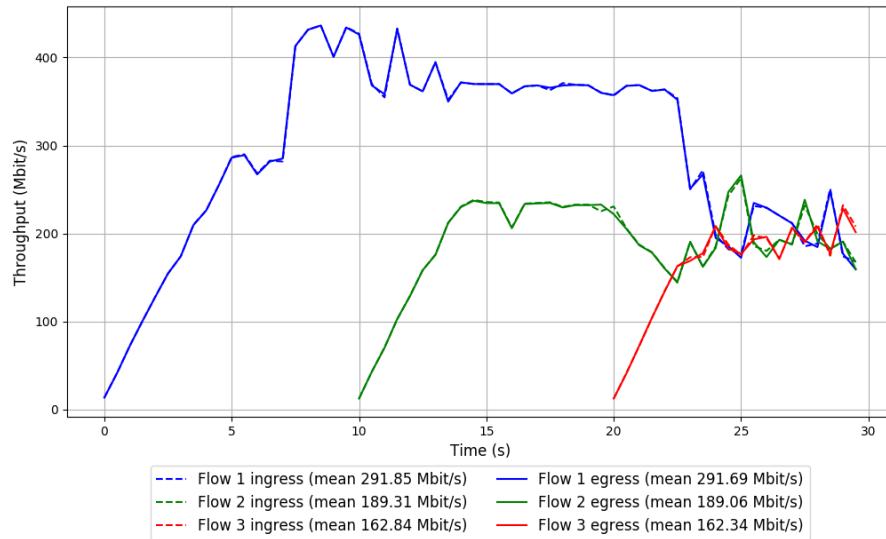


Run 8: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 05:53:58 +0000
End at: Tue, 01 Aug 2017 05:54:28 +0000
Local clock offset: 0.092 ms
Remote clock offset: -0.376 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:01:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 471.09 Mbit/s
95th percentile per-packet one-way delay: 33.538 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 291.69 Mbit/s
95th percentile per-packet one-way delay: 27.548 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 189.06 Mbit/s
95th percentile per-packet one-way delay: 42.176 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 162.34 Mbit/s
95th percentile per-packet one-way delay: 27.650 ms
Loss rate: 0.51%
```

Run 8: Report of LEDBAT — Data Link

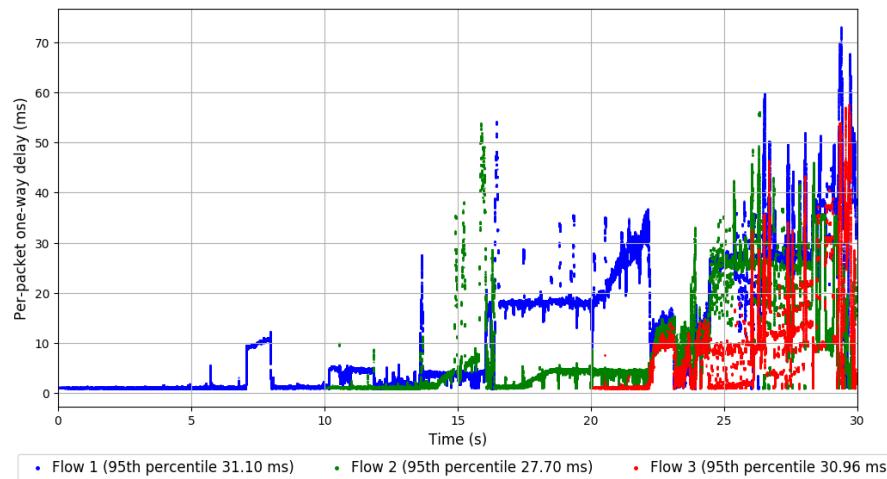
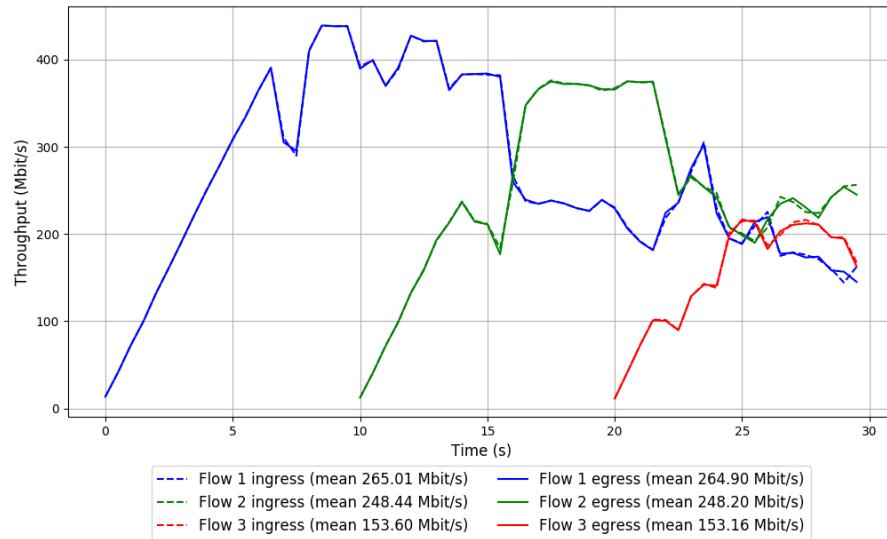


Run 9: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 06:16:30 +0000
End at: Tue, 01 Aug 2017 06:17:00 +0000
Local clock offset: 0.435 ms
Remote clock offset: -0.359 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:02:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 480.52 Mbit/s
95th percentile per-packet one-way delay: 30.125 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 264.90 Mbit/s
95th percentile per-packet one-way delay: 31.101 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 248.20 Mbit/s
95th percentile per-packet one-way delay: 27.699 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 153.16 Mbit/s
95th percentile per-packet one-way delay: 30.958 ms
Loss rate: 0.50%
```

Run 9: Report of LEDBAT — Data Link

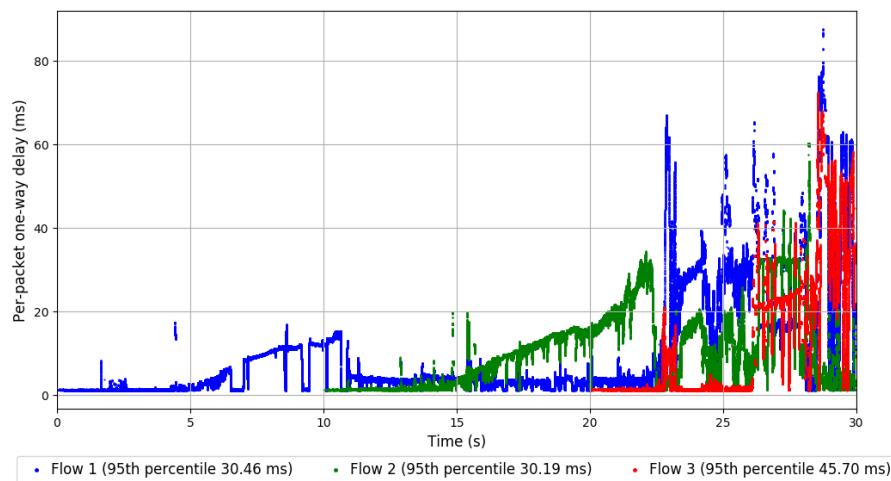
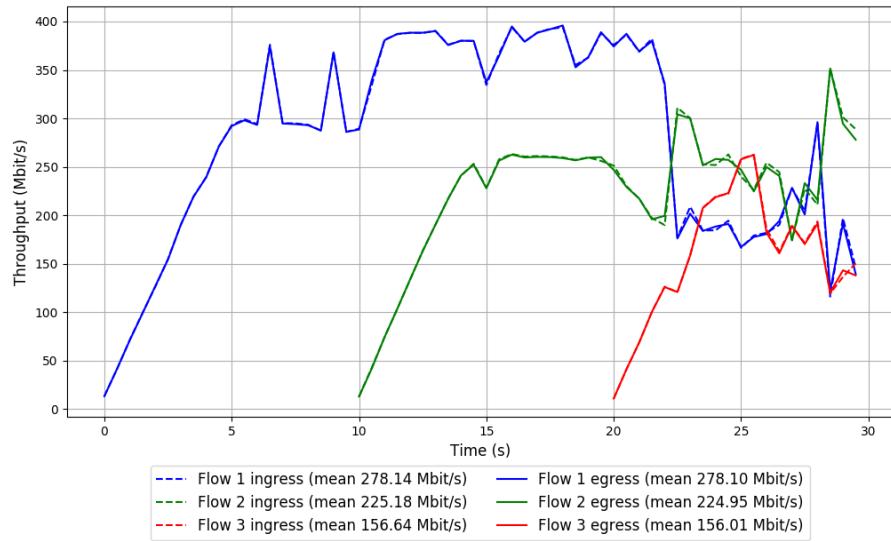


Run 10: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 06:39:05 +0000
End at: Tue, 01 Aug 2017 06:39:35 +0000
Local clock offset: 0.673 ms
Remote clock offset: -0.133 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:02:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 479.33 Mbit/s
95th percentile per-packet one-way delay: 31.169 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 278.10 Mbit/s
95th percentile per-packet one-way delay: 30.459 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 224.95 Mbit/s
95th percentile per-packet one-way delay: 30.186 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 156.01 Mbit/s
95th percentile per-packet one-way delay: 45.705 ms
Loss rate: 0.52%
```

Run 10: Report of LEDBAT — Data Link

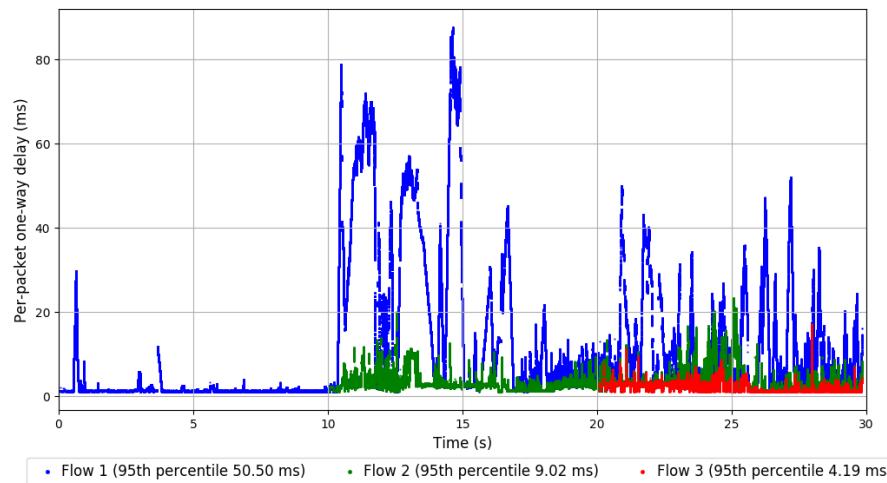
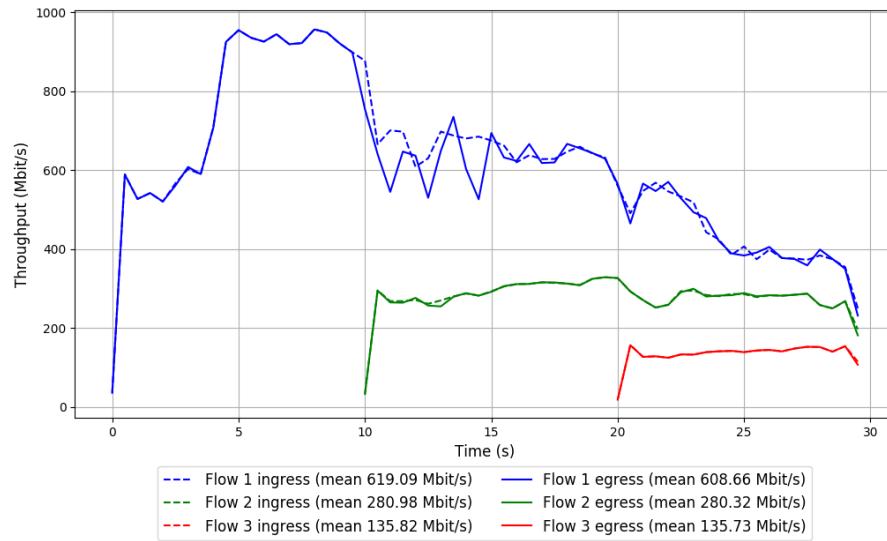


Run 1: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:17:48 +0000
End at: Tue, 01 Aug 2017 03:18:18 +0000
Local clock offset: 0.035 ms
Remote clock offset: -1.164 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:04:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 839.61 Mbit/s
95th percentile per-packet one-way delay: 42.846 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 608.66 Mbit/s
95th percentile per-packet one-way delay: 50.496 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 280.32 Mbit/s
95th percentile per-packet one-way delay: 9.021 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 135.73 Mbit/s
95th percentile per-packet one-way delay: 4.192 ms
Loss rate: 0.31%
```

Run 1: Report of PCC — Data Link

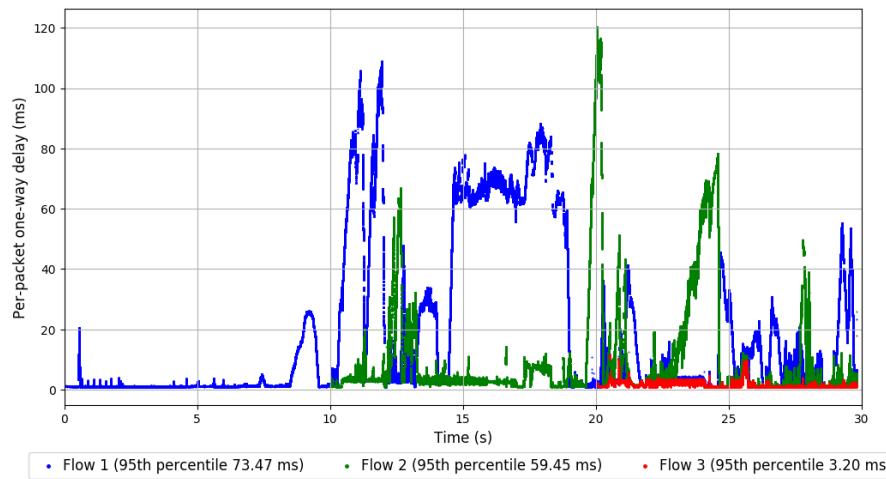
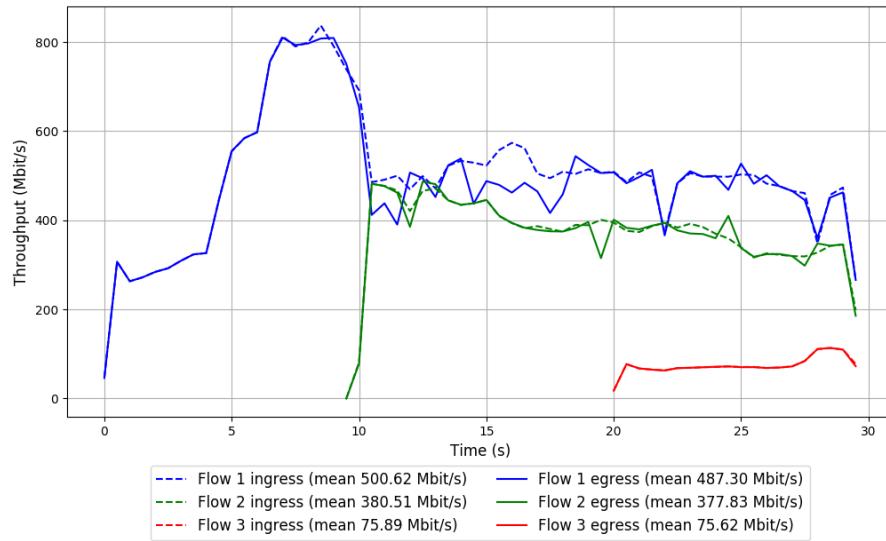


Run 2: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:40:16 +0000
End at: Tue, 01 Aug 2017 03:40:46 +0000
Local clock offset: -0.163 ms
Remote clock offset: -0.998 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:04:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 763.49 Mbit/s
95th percentile per-packet one-way delay: 70.046 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 487.30 Mbit/s
95th percentile per-packet one-way delay: 73.474 ms
Loss rate: 2.67%
-- Flow 2:
Average throughput: 377.83 Mbit/s
95th percentile per-packet one-way delay: 59.446 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 75.62 Mbit/s
95th percentile per-packet one-way delay: 3.203 ms
Loss rate: 0.39%
```

Run 2: Report of PCC — Data Link

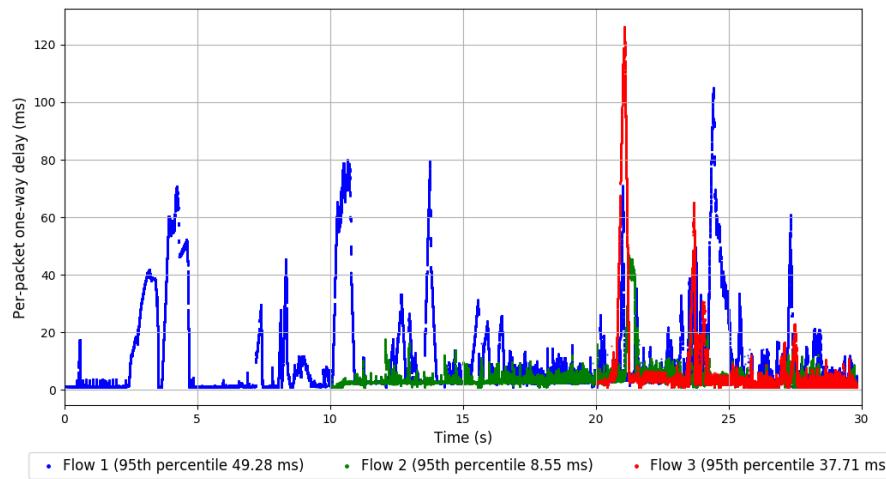
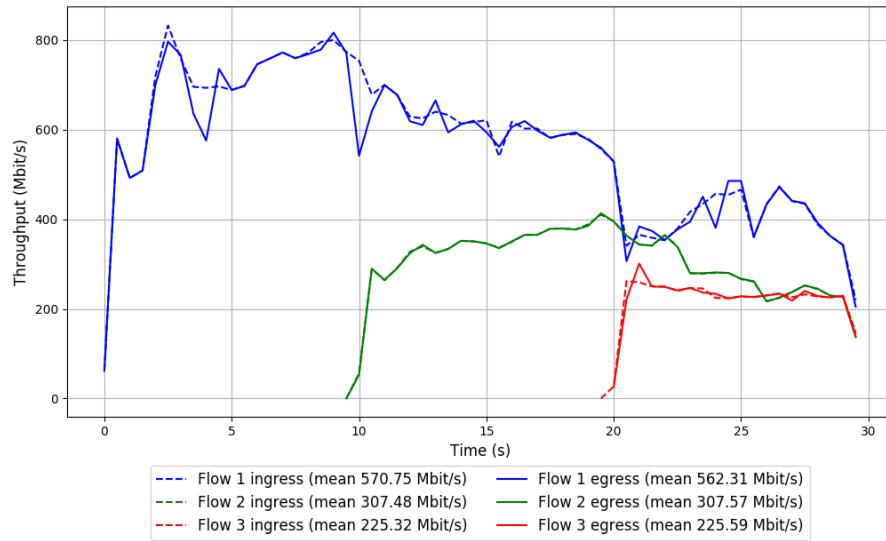


Run 3: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:02:52 +0000
End at: Tue, 01 Aug 2017 04:03:22 +0000
Local clock offset: -0.132 ms
Remote clock offset: -1.054 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:05:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 840.98 Mbit/s
95th percentile per-packet one-way delay: 41.471 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 562.31 Mbit/s
95th percentile per-packet one-way delay: 49.276 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 307.57 Mbit/s
95th percentile per-packet one-way delay: 8.550 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 225.59 Mbit/s
95th percentile per-packet one-way delay: 37.710 ms
Loss rate: 0.20%
```

Run 3: Report of PCC — Data Link

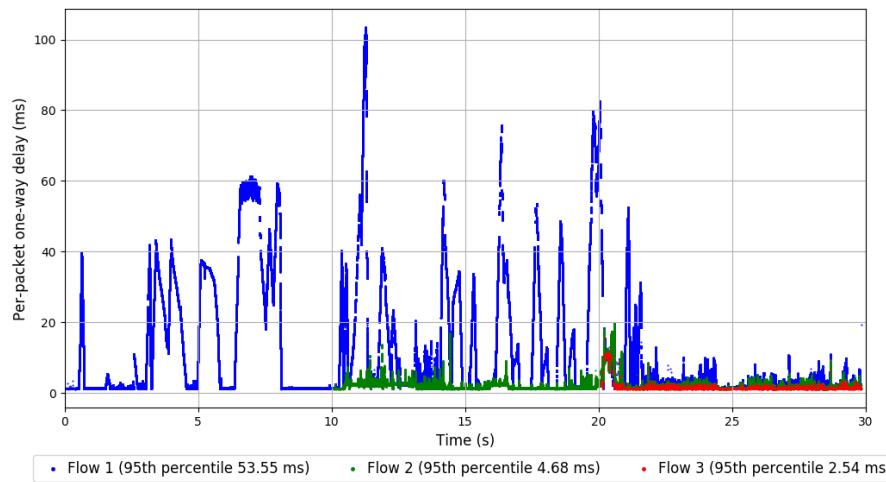
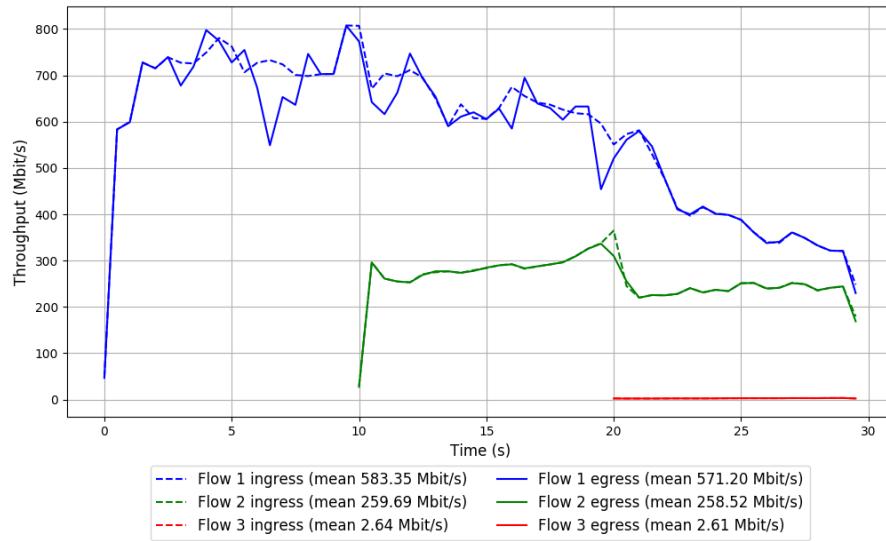


Run 4: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:25:42 +0000
End at: Tue, 01 Aug 2017 04:26:12 +0000
Local clock offset: -0.088 ms
Remote clock offset: -1.165 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:05:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 743.63 Mbit/s
95th percentile per-packet one-way delay: 45.615 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 571.20 Mbit/s
95th percentile per-packet one-way delay: 53.548 ms
Loss rate: 2.09%
-- Flow 2:
Average throughput: 258.52 Mbit/s
95th percentile per-packet one-way delay: 4.678 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 2.537 ms
Loss rate: 1.30%
```

Run 4: Report of PCC — Data Link

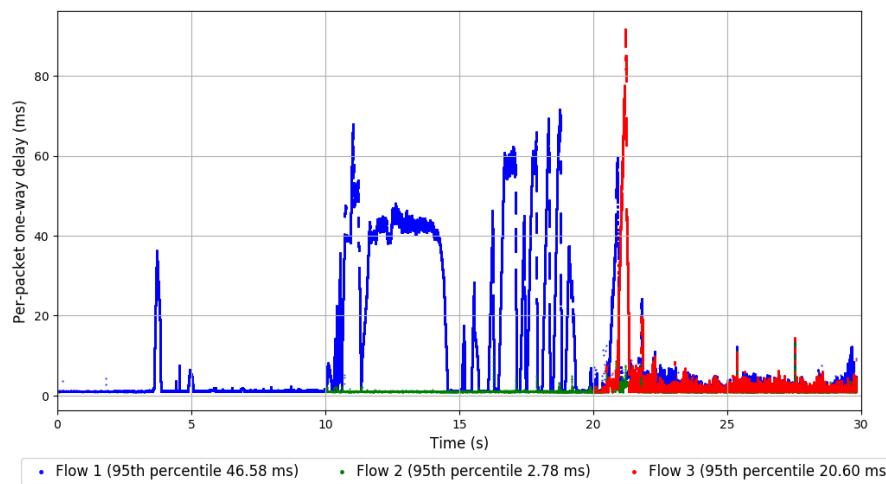
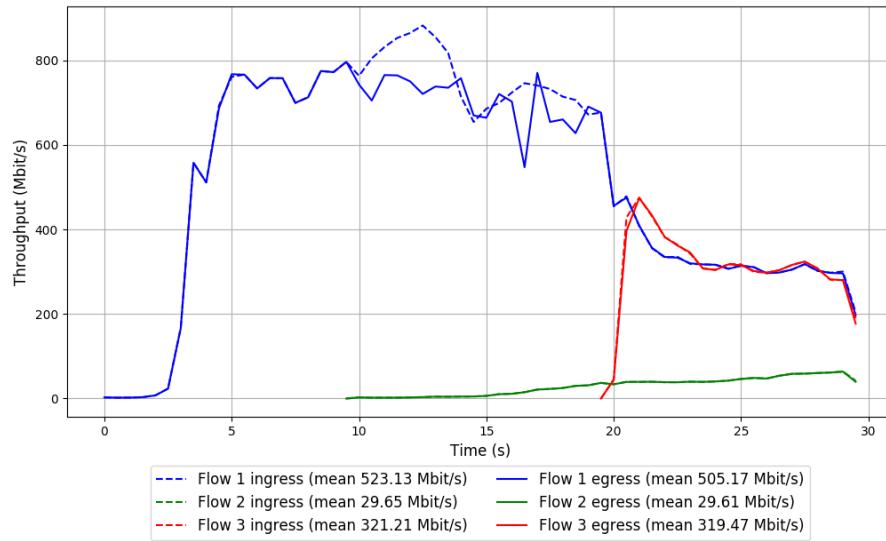


Run 5: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:48:12 +0000
End at: Tue, 01 Aug 2017 04:48:42 +0000
Local clock offset: -0.285 ms
Remote clock offset: -1.002 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:07:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 630.05 Mbit/s
95th percentile per-packet one-way delay: 45.203 ms
Loss rate: 2.92%
-- Flow 1:
Average throughput: 505.17 Mbit/s
95th percentile per-packet one-way delay: 46.584 ms
Loss rate: 3.48%
-- Flow 2:
Average throughput: 29.61 Mbit/s
95th percentile per-packet one-way delay: 2.777 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 319.47 Mbit/s
95th percentile per-packet one-way delay: 20.604 ms
Loss rate: 0.67%
```

Run 5: Report of PCC — Data Link

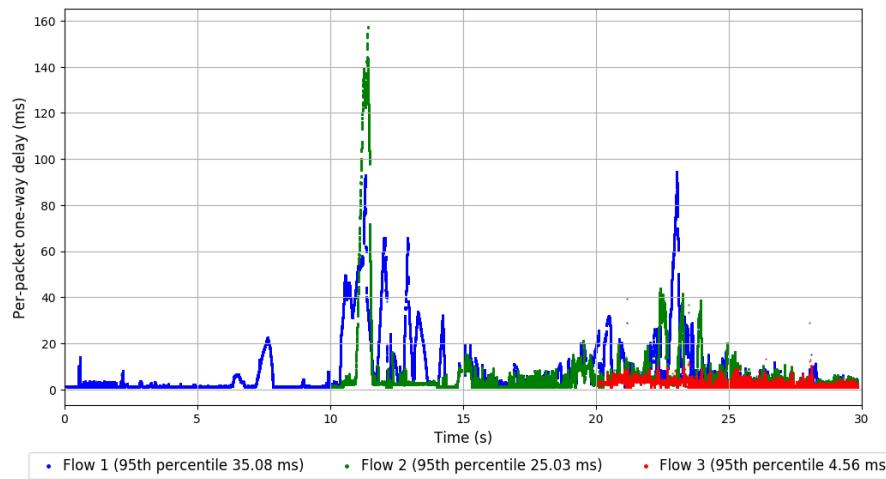
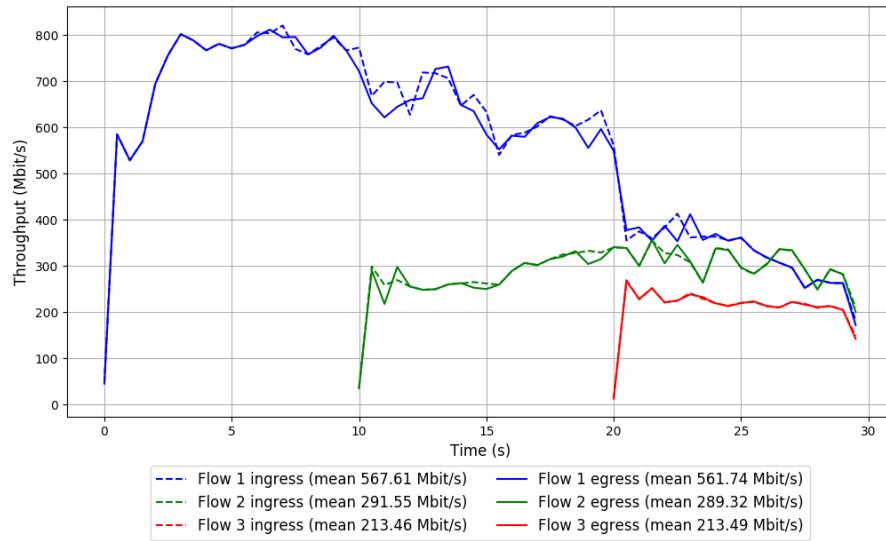


Run 6: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 05:10:41 +0000
End at: Tue, 01 Aug 2017 05:11:11 +0000
Local clock offset: -0.233 ms
Remote clock offset: -1.294 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:07:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 824.19 Mbit/s
95th percentile per-packet one-way delay: 31.597 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 561.74 Mbit/s
95th percentile per-packet one-way delay: 35.084 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 289.32 Mbit/s
95th percentile per-packet one-way delay: 25.027 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 213.49 Mbit/s
95th percentile per-packet one-way delay: 4.559 ms
Loss rate: 0.18%
```

Run 6: Report of PCC — Data Link

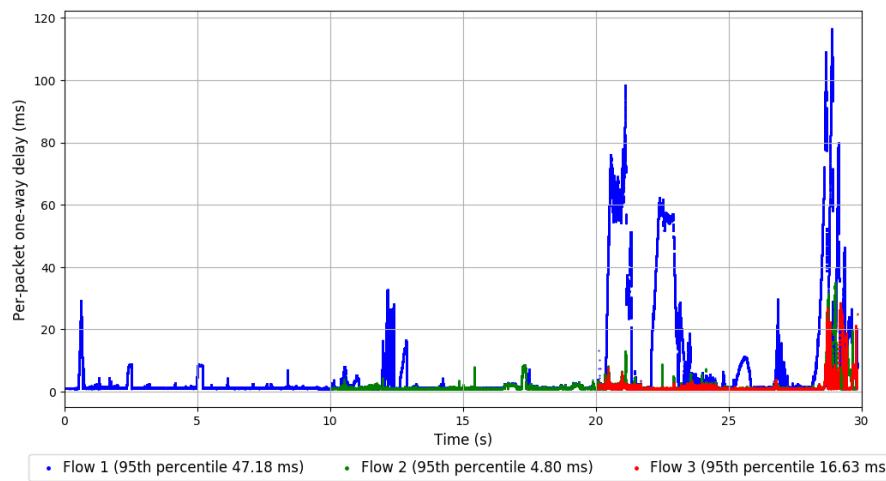
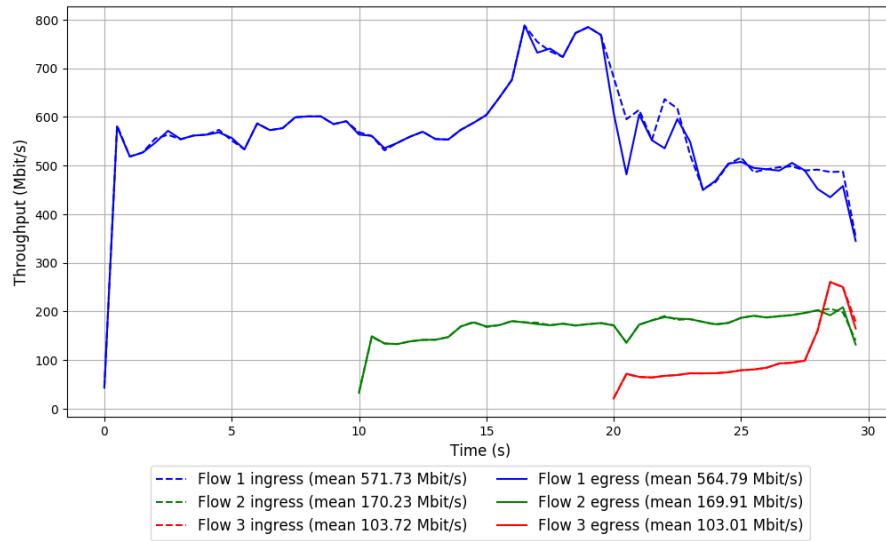


Run 7: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 05:33:10 +0000
End at: Tue, 01 Aug 2017 05:33:40 +0000
Local clock offset: -0.347 ms
Remote clock offset: -0.884 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:08:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 711.19 Mbit/s
95th percentile per-packet one-way delay: 33.466 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 564.79 Mbit/s
95th percentile per-packet one-way delay: 47.181 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 169.91 Mbit/s
95th percentile per-packet one-way delay: 4.804 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 103.01 Mbit/s
95th percentile per-packet one-way delay: 16.631 ms
Loss rate: 0.74%
```

Run 7: Report of PCC — Data Link

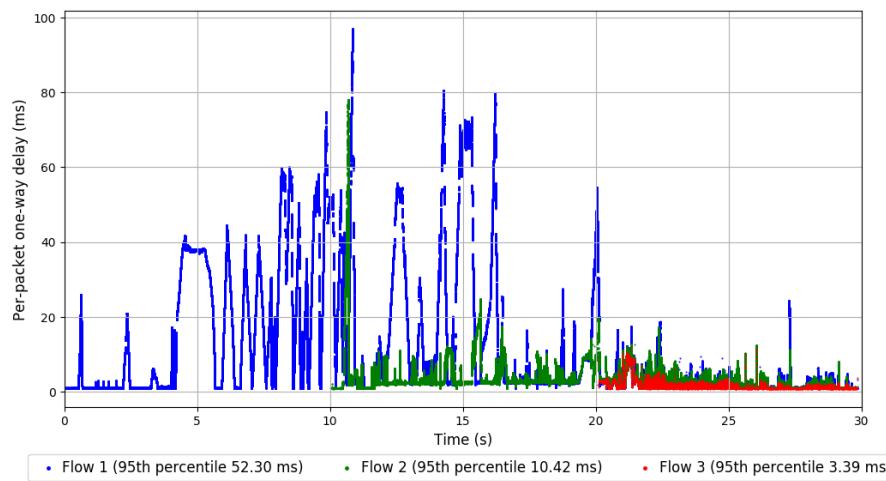
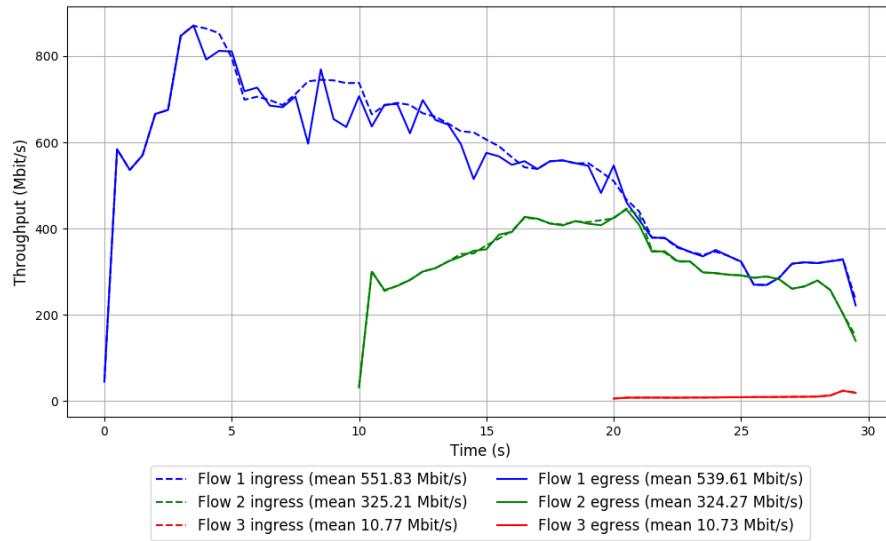


Run 8: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 05:55:40 +0000
End at: Tue, 01 Aug 2017 05:56:10 +0000
Local clock offset: 0.042 ms
Remote clock offset: -0.308 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:09:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 758.61 Mbit/s
95th percentile per-packet one-way delay: 48.545 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 539.61 Mbit/s
95th percentile per-packet one-way delay: 52.301 ms
Loss rate: 2.28%
-- Flow 2:
Average throughput: 324.27 Mbit/s
95th percentile per-packet one-way delay: 10.420 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 3.394 ms
Loss rate: 0.75%
```

Run 8: Report of PCC — Data Link

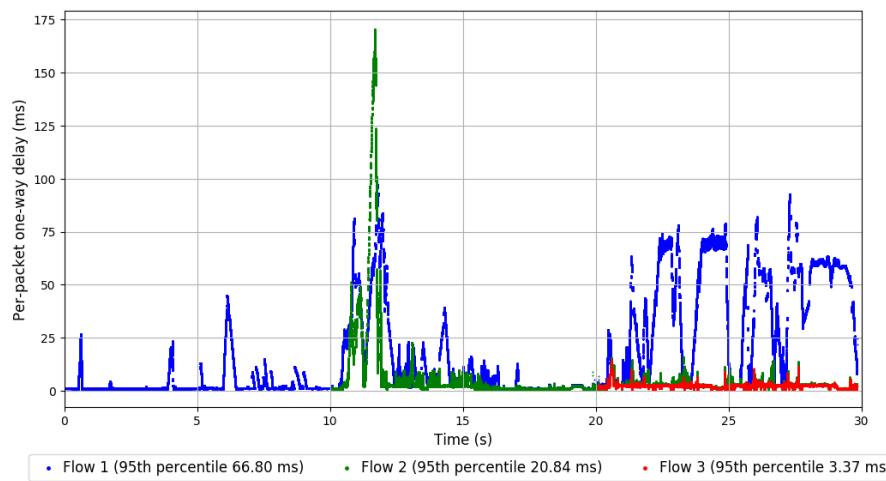
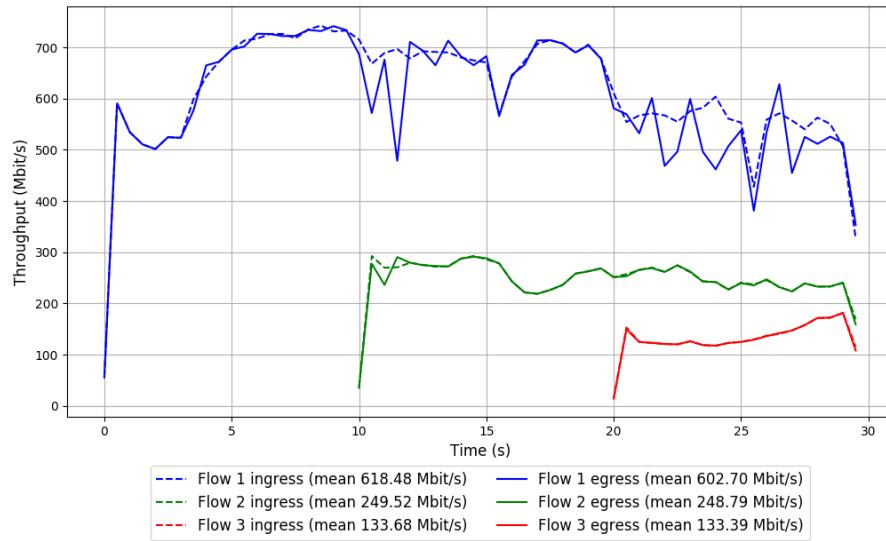


Run 9: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 06:18:12 +0000
End at: Tue, 01 Aug 2017 06:18:42 +0000
Local clock offset: 0.451 ms
Remote clock offset: -0.415 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:10:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 811.57 Mbit/s
95th percentile per-packet one-way delay: 61.643 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 602.70 Mbit/s
95th percentile per-packet one-way delay: 66.803 ms
Loss rate: 2.57%
-- Flow 2:
Average throughput: 248.79 Mbit/s
95th percentile per-packet one-way delay: 20.835 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 133.39 Mbit/s
95th percentile per-packet one-way delay: 3.369 ms
Loss rate: 0.43%
```

Run 9: Report of PCC — Data Link

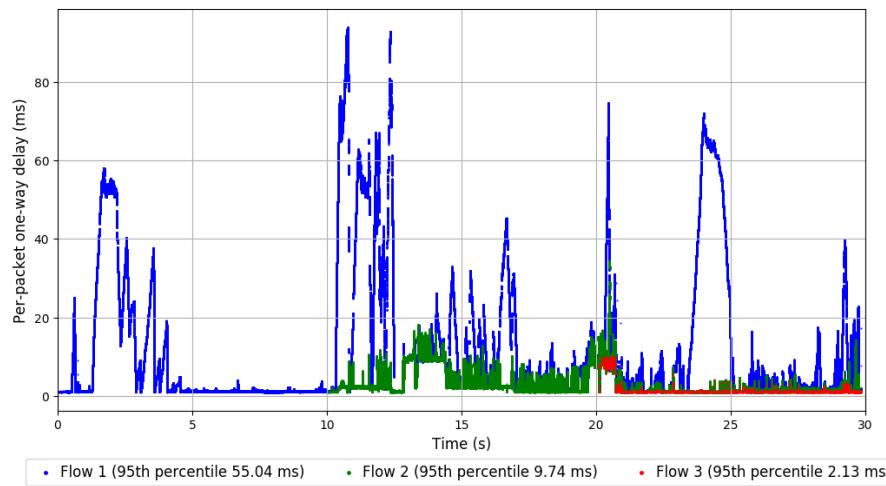
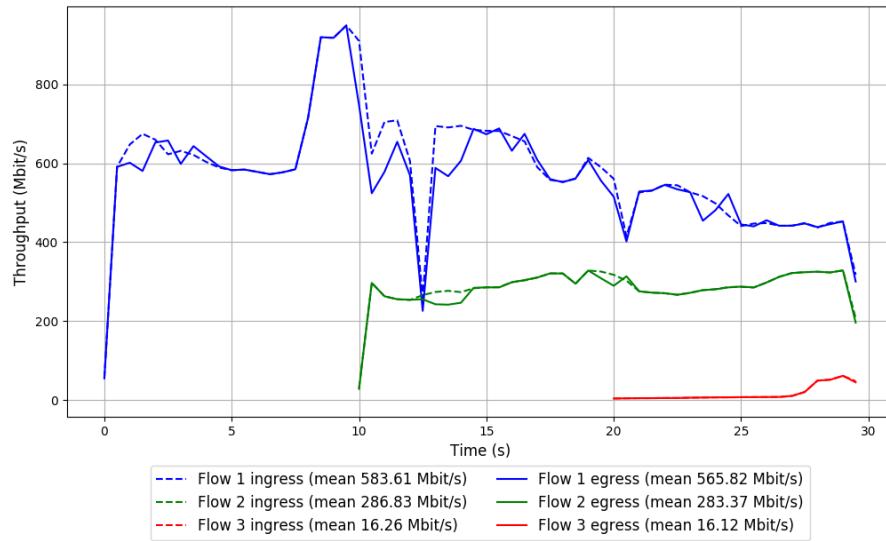


Run 10: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 06:40:47 +0000
End at: Tue, 01 Aug 2017 06:41:17 +0000
Local clock offset: 0.699 ms
Remote clock offset: 0.0 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:10:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 759.15 Mbit/s
95th percentile per-packet one-way delay: 52.766 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 565.82 Mbit/s
95th percentile per-packet one-way delay: 55.039 ms
Loss rate: 3.11%
-- Flow 2:
Average throughput: 283.37 Mbit/s
95th percentile per-packet one-way delay: 9.743 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 16.12 Mbit/s
95th percentile per-packet one-way delay: 2.129 ms
Loss rate: 1.07%
```

Run 10: Report of PCC — Data Link

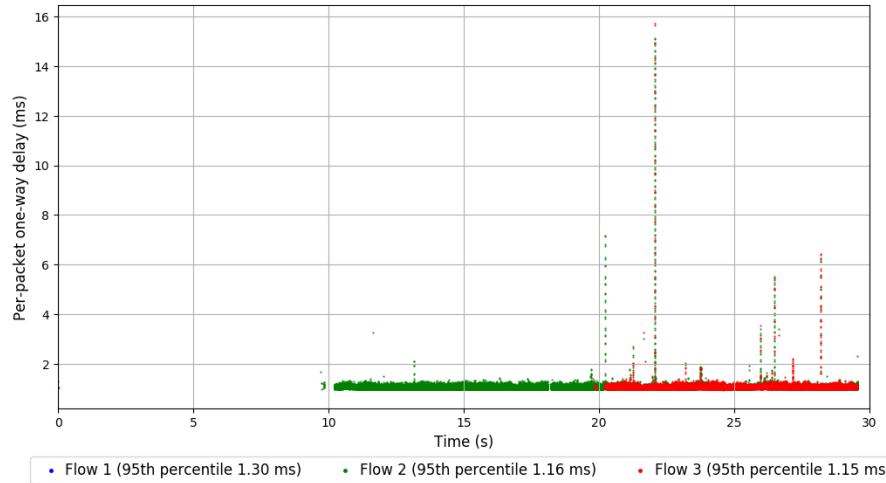
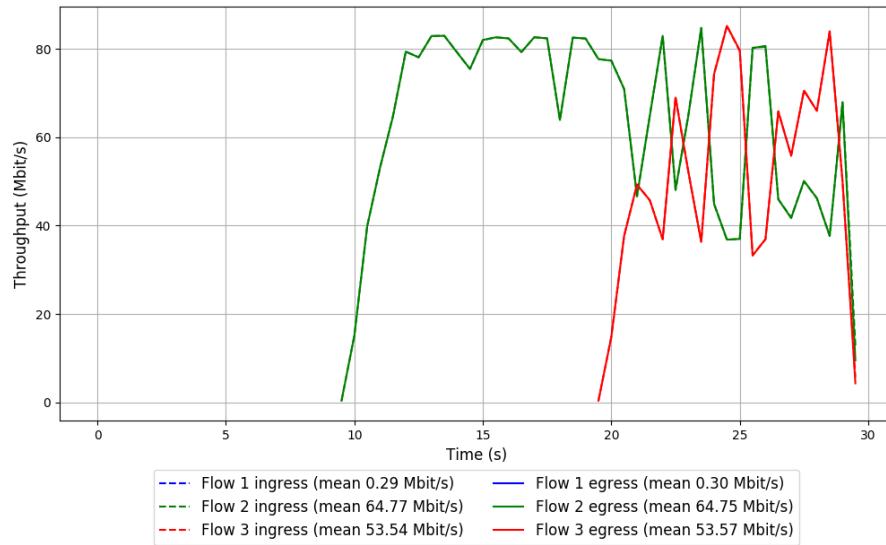


Run 1: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 03:19:29 +0000
End at: Tue, 01 Aug 2017 03:19:59 +0000
Local clock offset: -0.081 ms
Remote clock offset: -1.136 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:10:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.299 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 1.156 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 53.57 Mbit/s
95th percentile per-packet one-way delay: 1.153 ms
Loss rate: 0.14%
```

Run 1: Report of QUIC Cubic — Data Link

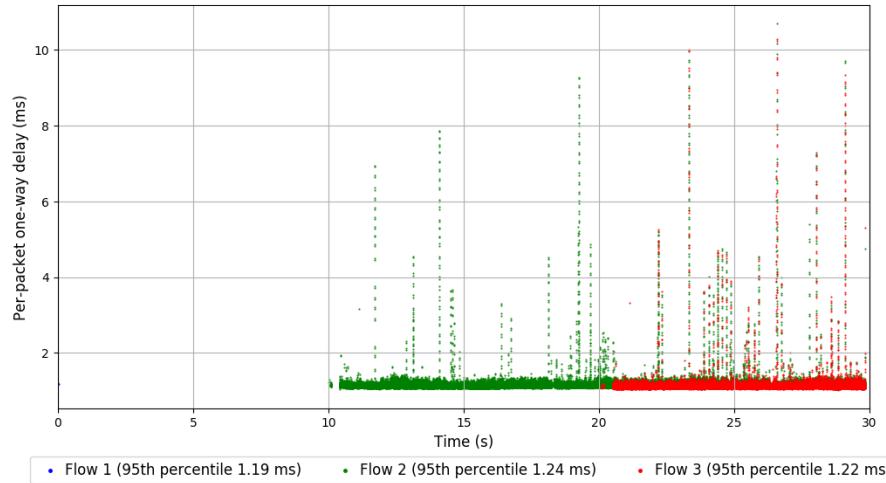
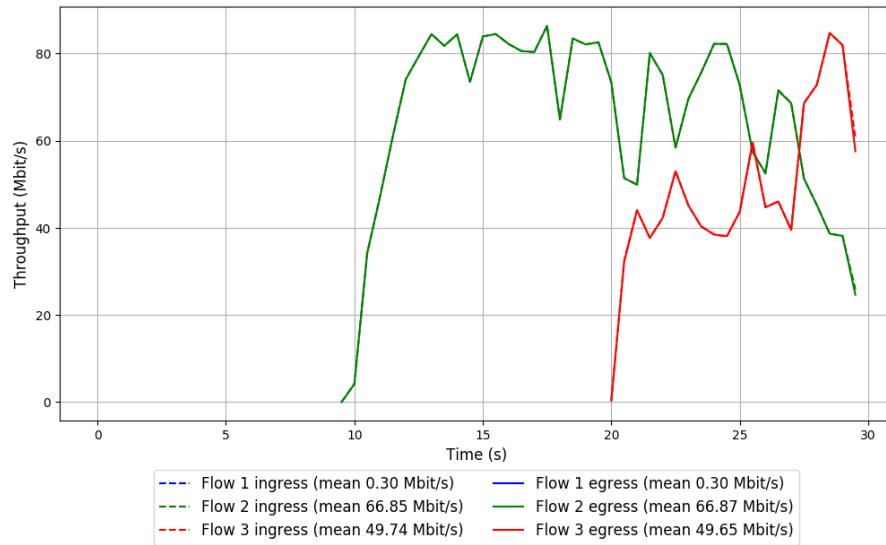


Run 2: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 03:41:54 +0000
End at: Tue, 01 Aug 2017 03:42:24 +0000
Local clock offset: -0.052 ms
Remote clock offset: -1.014 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:10:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.76 Mbit/s
95th percentile per-packet one-way delay: 1.233 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.87 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 49.65 Mbit/s
95th percentile per-packet one-way delay: 1.221 ms
Loss rate: 0.33%
```

Run 2: Report of QUIC Cubic — Data Link

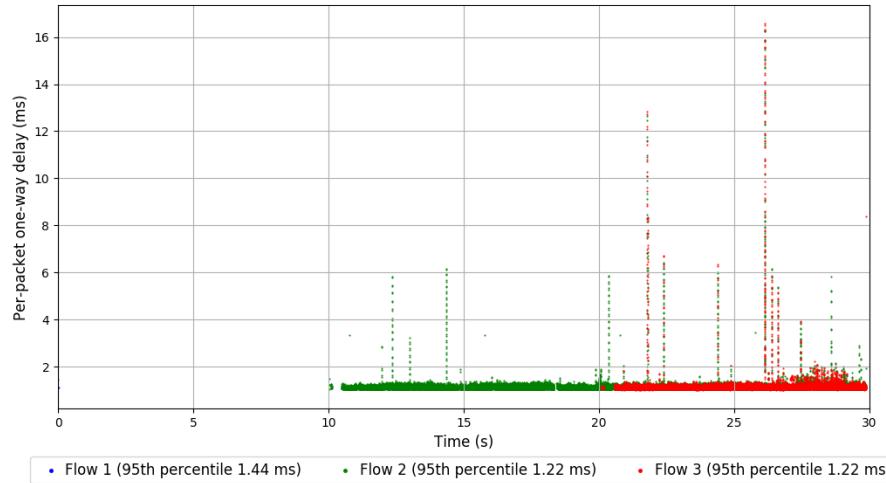
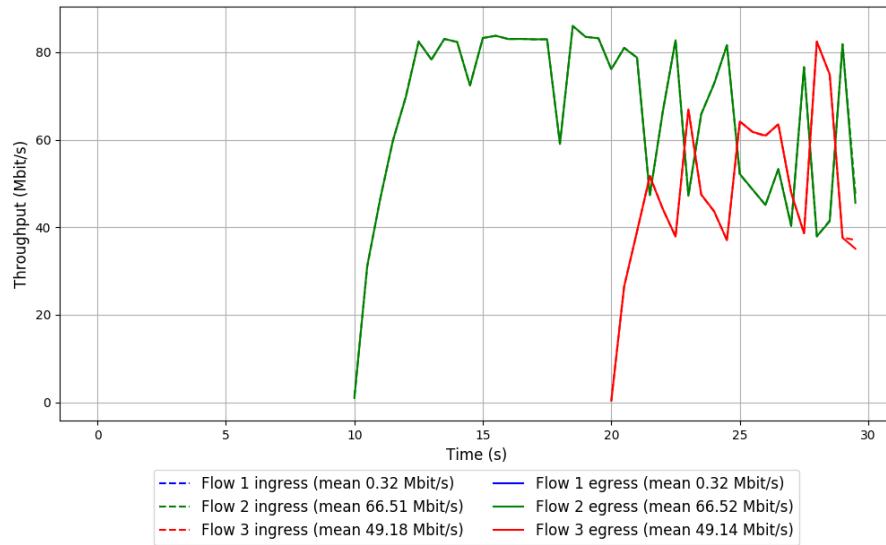


Run 3: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 04:04:33 +0000
End at: Tue, 01 Aug 2017 04:05:03 +0000
Local clock offset: -0.072 ms
Remote clock offset: -1.116 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:10:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.30 Mbit/s
95th percentile per-packet one-way delay: 1.220 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 1.435 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.52 Mbit/s
95th percentile per-packet one-way delay: 1.221 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 49.14 Mbit/s
95th percentile per-packet one-way delay: 1.218 ms
Loss rate: 0.22%
```

Run 3: Report of QUIC Cubic — Data Link

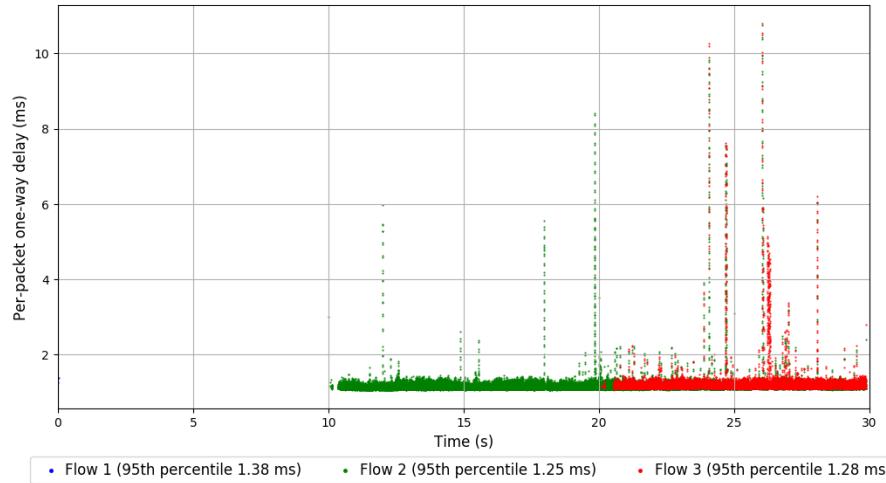
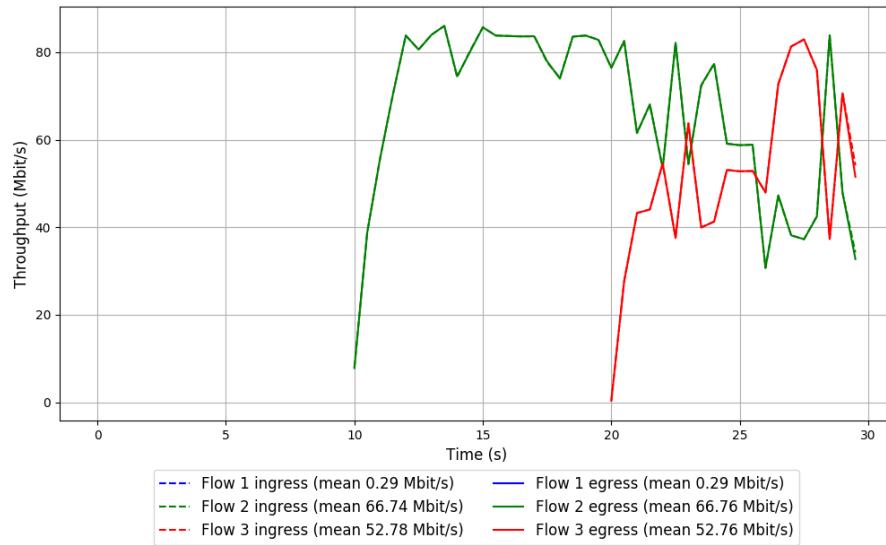


Run 4: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 04:27:19 +0000
End at: Tue, 01 Aug 2017 04:27:49 +0000
Local clock offset: -0.118 ms
Remote clock offset: -1.201 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:10:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.65 Mbit/s
95th percentile per-packet one-way delay: 1.259 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 1.379 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.76 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 52.76 Mbit/s
95th percentile per-packet one-way delay: 1.284 ms
Loss rate: 0.27%
```

Run 4: Report of QUIC Cubic — Data Link

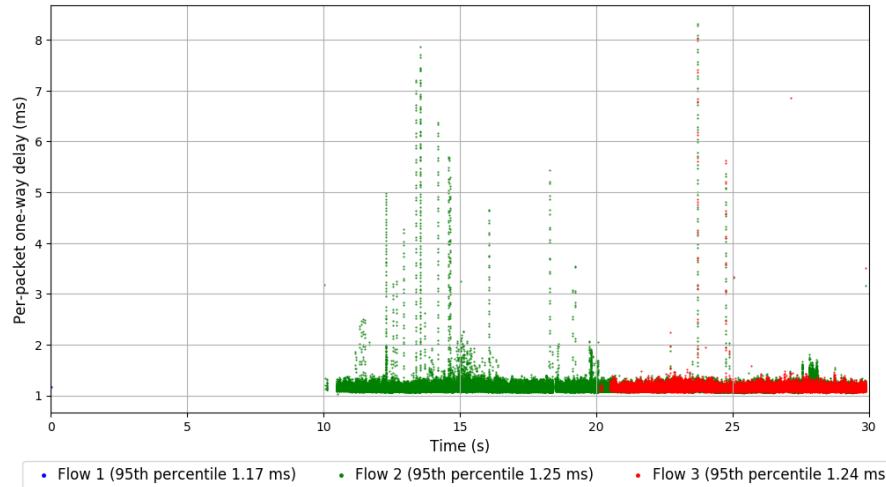
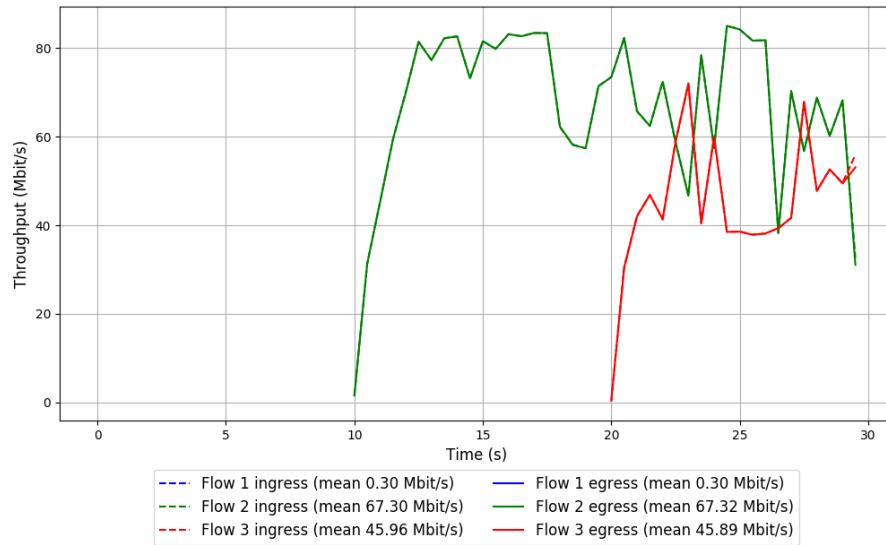


Run 5: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 04:49:46 +0000
End at: Tue, 01 Aug 2017 04:50:16 +0000
Local clock offset: -0.198 ms
Remote clock offset: -1.051 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:10:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.77 Mbit/s
95th percentile per-packet one-way delay: 1.249 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.32 Mbit/s
95th percentile per-packet one-way delay: 1.254 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 1.235 ms
Loss rate: 0.34%
```

Run 5: Report of QUIC Cubic — Data Link

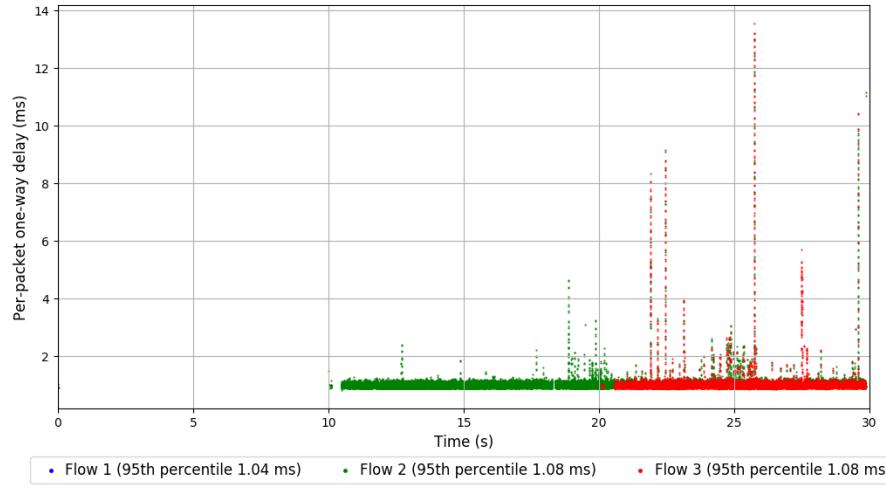
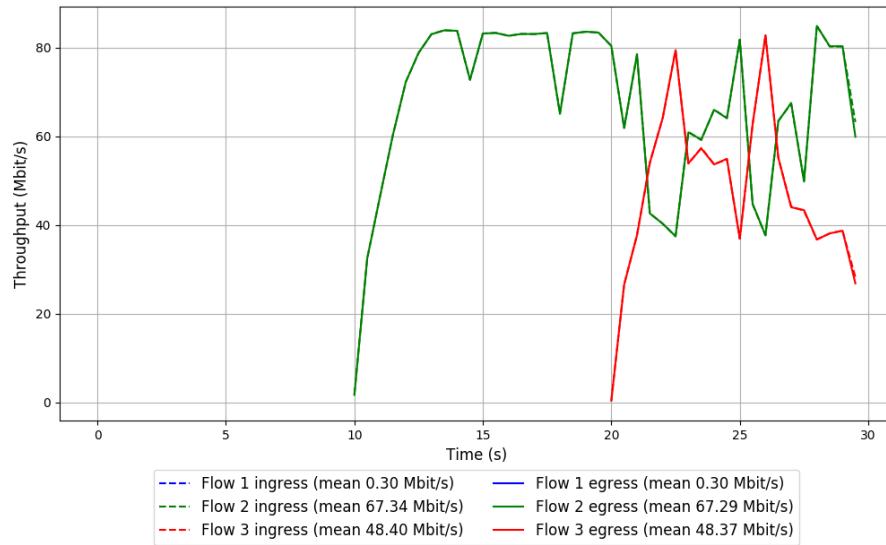


Run 6: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 05:12:21 +0000
End at: Tue, 01 Aug 2017 05:12:51 +0000
Local clock offset: -0.341 ms
Remote clock offset: -1.162 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:11:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.59 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.041 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 1.084 ms
Loss rate: 0.16%
```

Run 6: Report of QUIC Cubic — Data Link

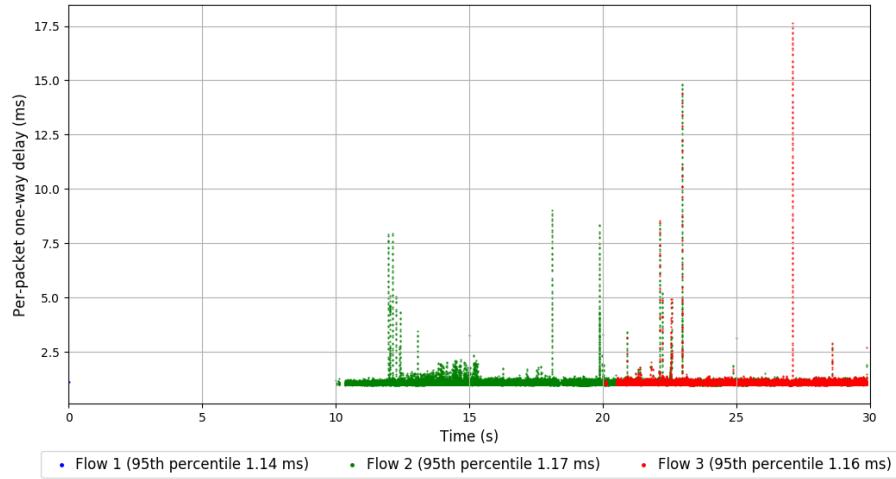
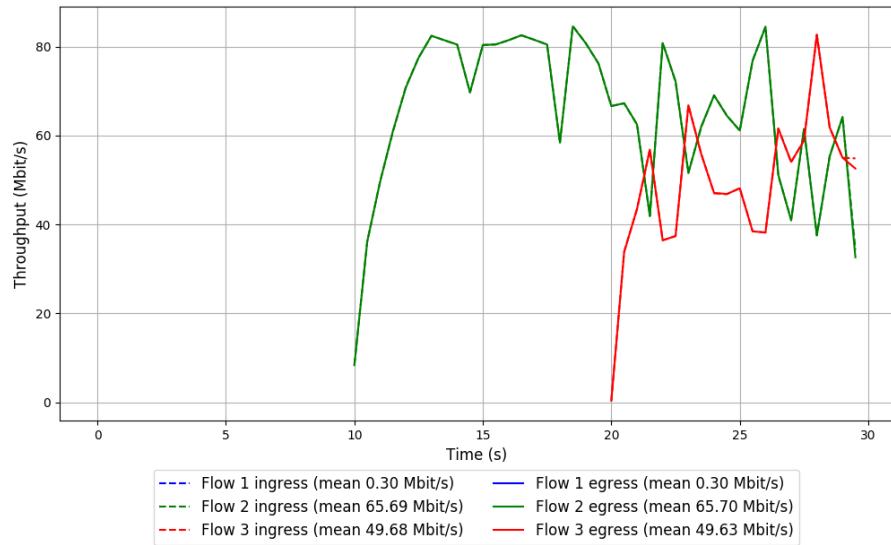


Run 7: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 05:34:47 +0000
End at: Tue, 01 Aug 2017 05:35:17 +0000
Local clock offset: -0.33 ms
Remote clock offset: -0.852 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:11:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.01 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.143 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.70 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 49.63 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.25%
```

Run 7: Report of QUIC Cubic — Data Link

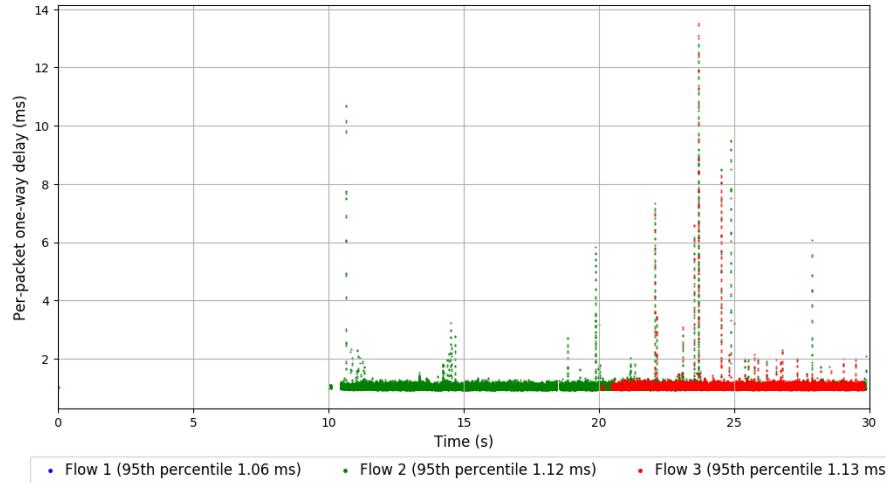
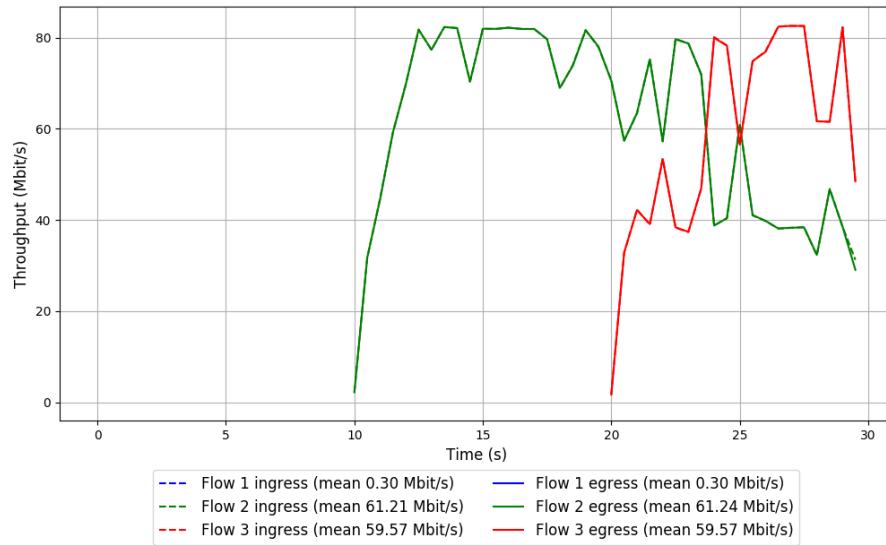


Run 8: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 05:57:18 +0000
End at: Tue, 01 Aug 2017 05:57:48 +0000
Local clock offset: 0.045 ms
Remote clock offset: -0.406 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:11:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.13 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.24 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic — Data Link

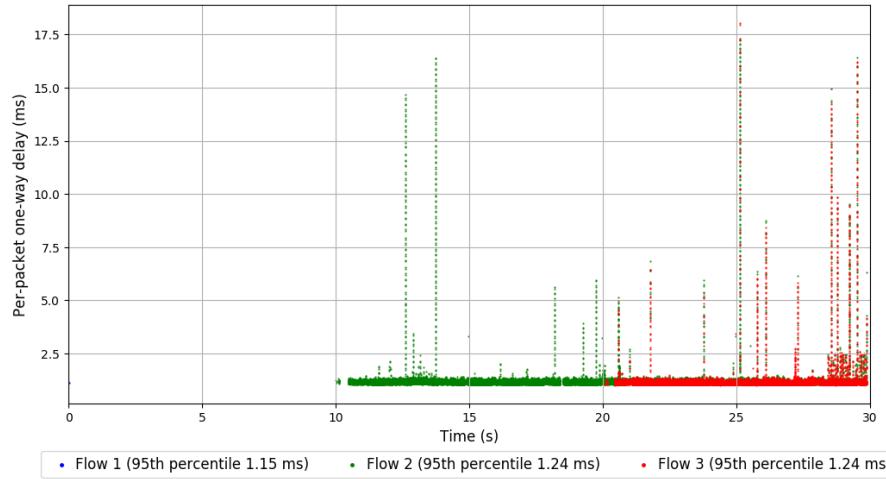
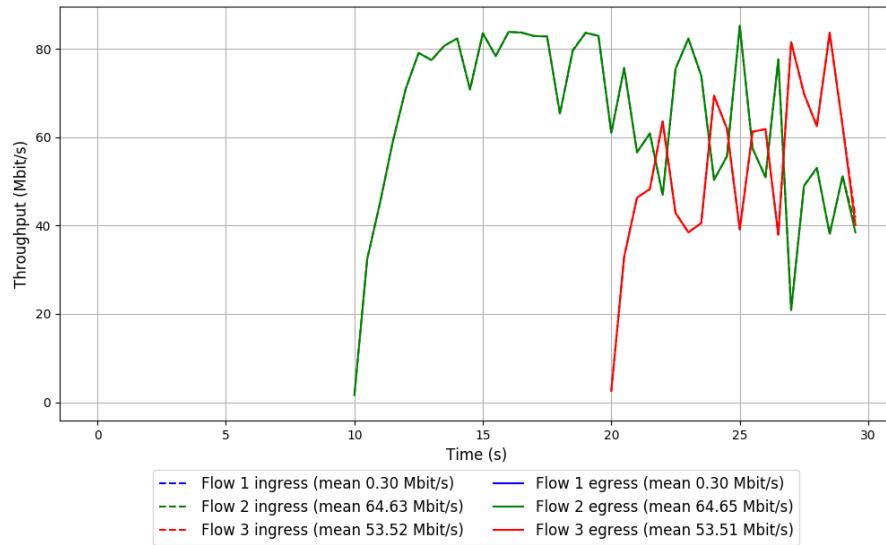


Run 9: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 06:19:52 +0000
End at: Tue, 01 Aug 2017 06:20:22 +0000
Local clock offset: 0.485 ms
Remote clock offset: -0.414 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:11:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.51 Mbit/s
95th percentile per-packet one-way delay: 1.241 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.152 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.65 Mbit/s
95th percentile per-packet one-way delay: 1.242 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 1.236 ms
Loss rate: 0.17%
```

Run 9: Report of QUIC Cubic — Data Link

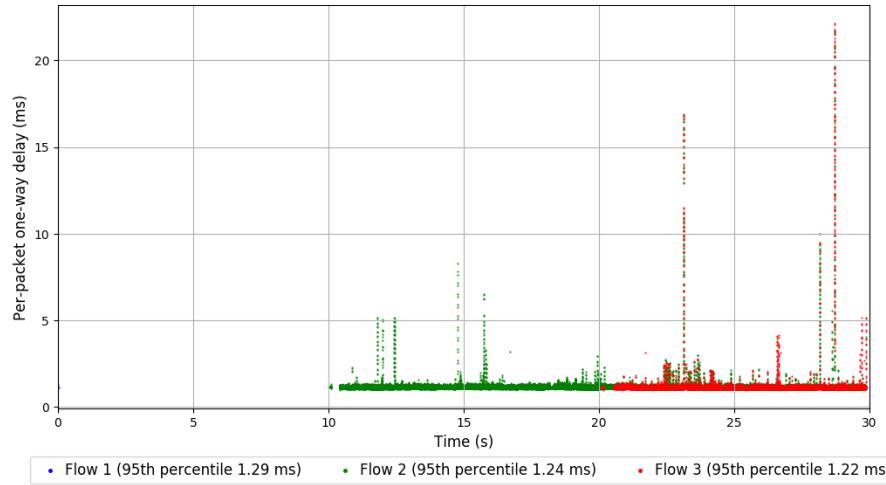
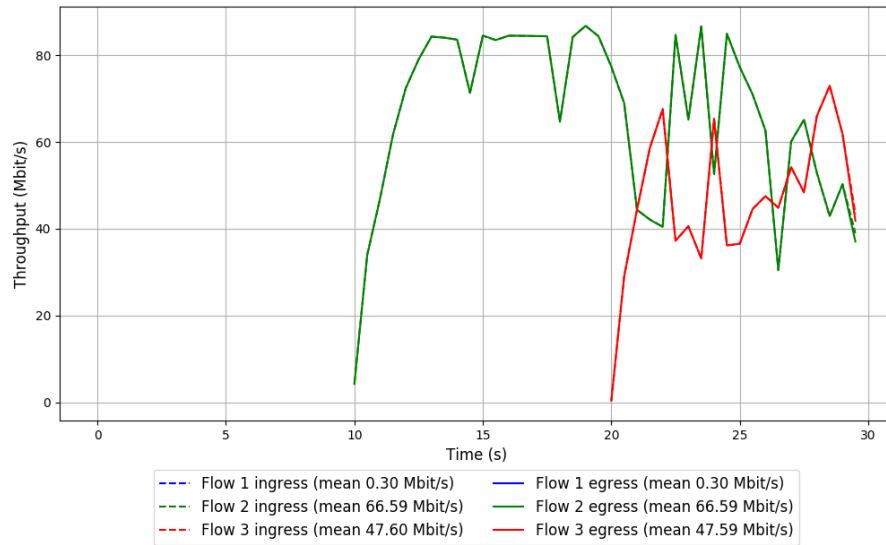


Run 10: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 06:42:25 +0000
End at: Tue, 01 Aug 2017 06:42:55 +0000
Local clock offset: 0.744 ms
Remote clock offset: -0.024 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:11:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.85 Mbit/s
95th percentile per-packet one-way delay: 1.233 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1.291 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.59 Mbit/s
95th percentile per-packet one-way delay: 1.237 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 47.59 Mbit/s
95th percentile per-packet one-way delay: 1.219 ms
Loss rate: 0.18%
```

Run 10: Report of QUIC Cubic — Data Link

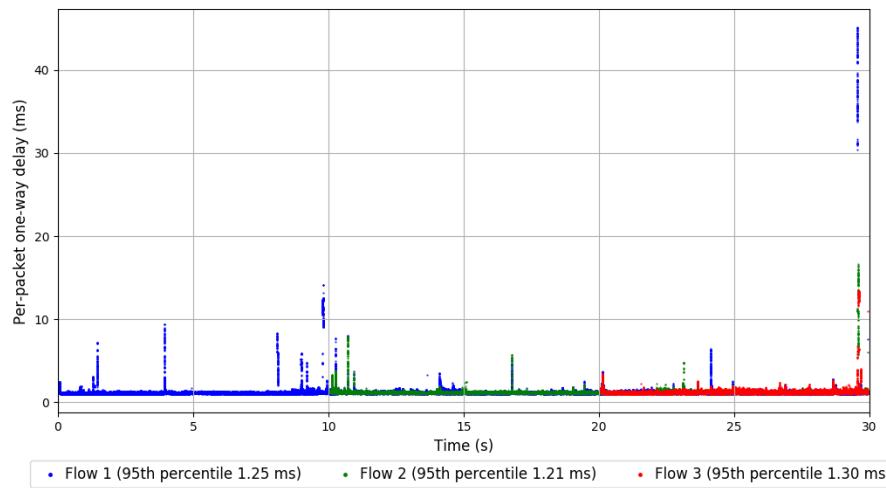
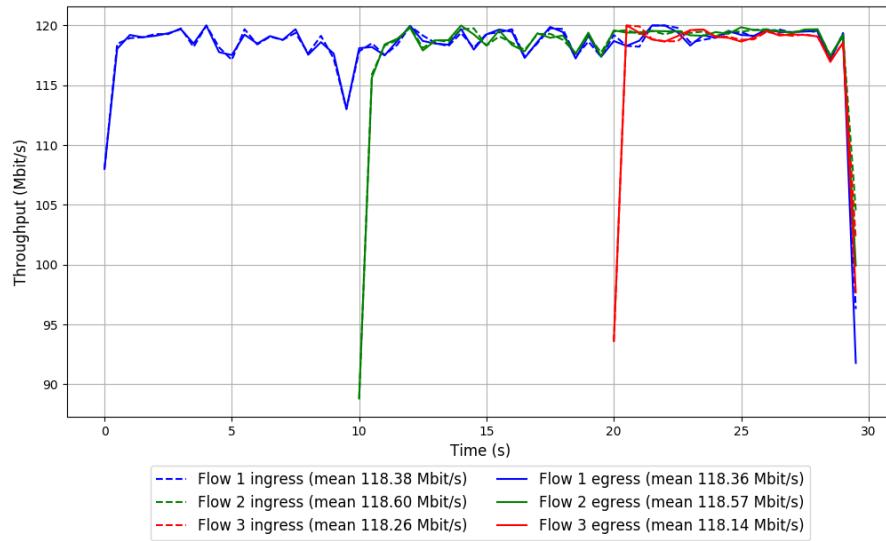


Run 1: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 03:11:51 +0000
End at: Tue, 01 Aug 2017 03:12:21 +0000
Local clock offset: -0.005 ms
Remote clock offset: -1.242 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:11:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 235.97 Mbit/s
95th percentile per-packet one-way delay: 1.244 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 118.36 Mbit/s
95th percentile per-packet one-way delay: 1.250 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 118.57 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 118.14 Mbit/s
95th percentile per-packet one-way delay: 1.298 ms
Loss rate: 0.20%
```

Run 1: Report of Saturator — Data Link

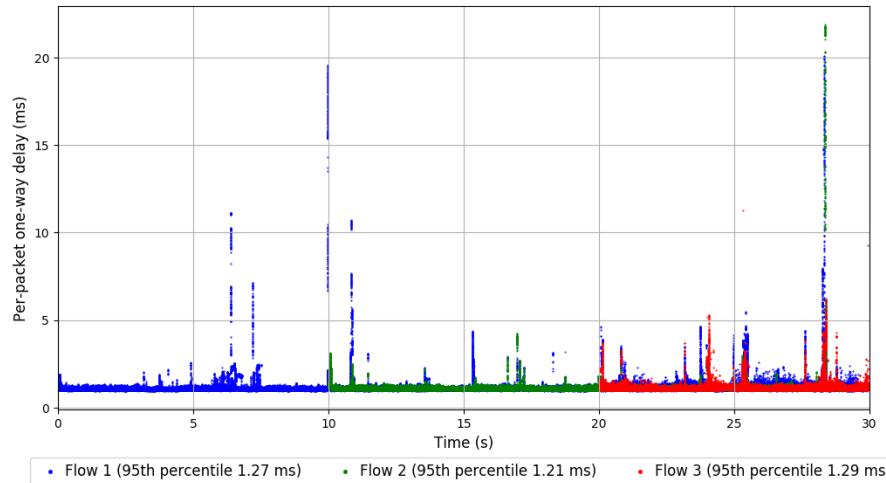
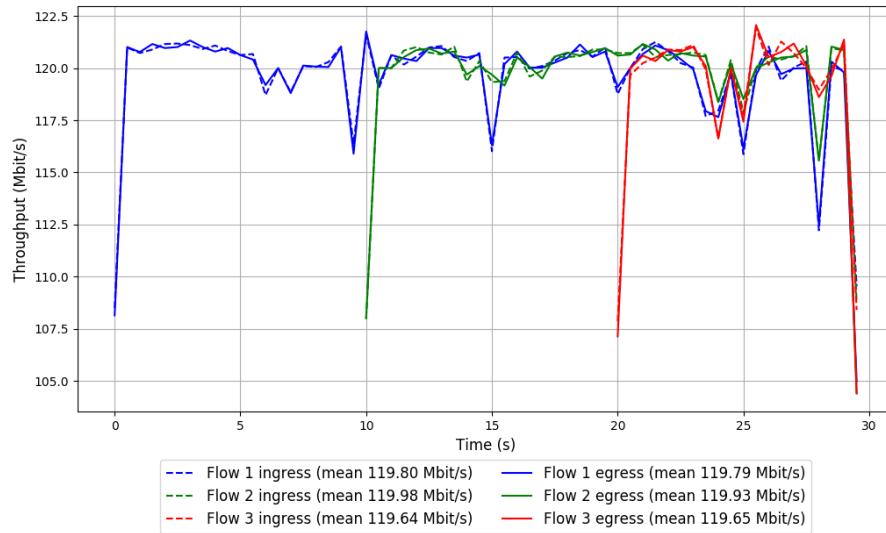


Run 2: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 03:34:18 +0000
End at: Tue, 01 Aug 2017 03:34:48 +0000
Local clock offset: -0.131 ms
Remote clock offset: -0.913 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:11:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.24 Mbit/s
95th percentile per-packet one-way delay: 1.250 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 119.79 Mbit/s
95th percentile per-packet one-way delay: 1.272 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 119.93 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 119.65 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.19%
```

Run 2: Report of Saturator — Data Link

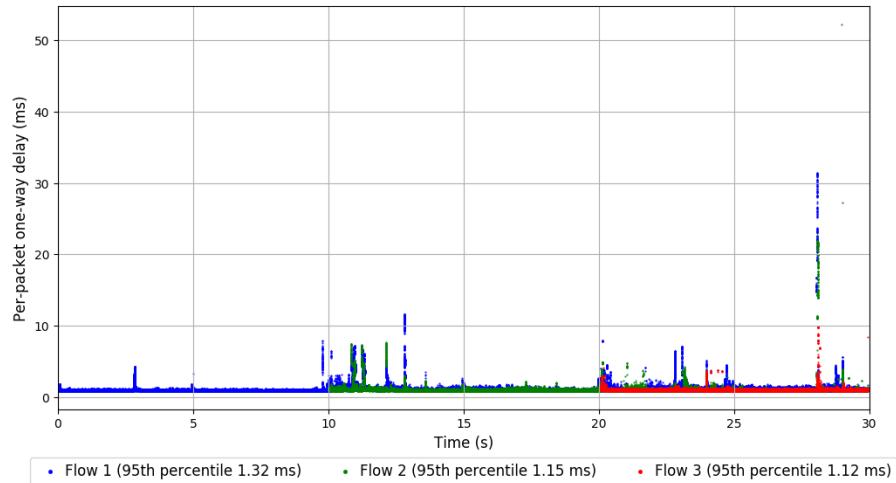
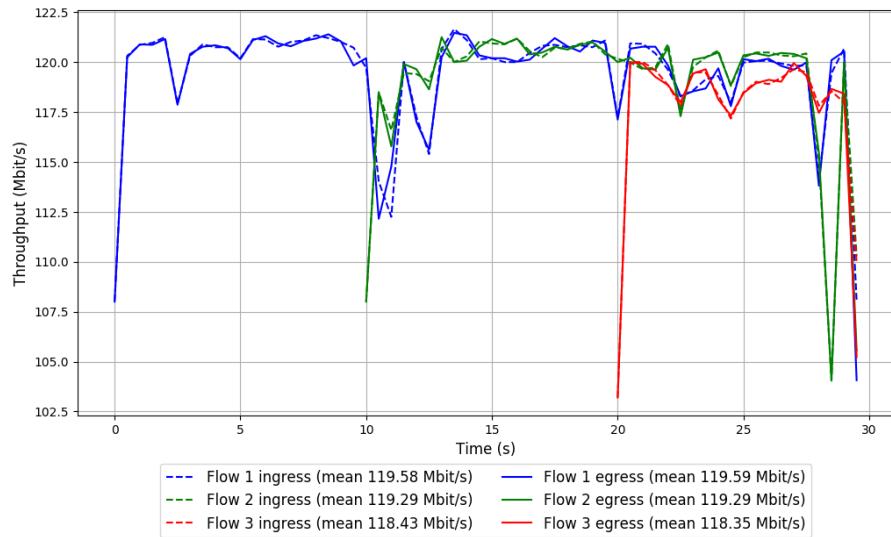


Run 3: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 03:56:50 +0000
End at: Tue, 01 Aug 2017 03:57:20 +0000
Local clock offset: -0.137 ms
Remote clock offset: -0.881 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:12:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 238.18 Mbit/s
95th percentile per-packet one-way delay: 1.228 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 119.59 Mbit/s
95th percentile per-packet one-way delay: 1.321 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 119.29 Mbit/s
95th percentile per-packet one-way delay: 1.152 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 118.35 Mbit/s
95th percentile per-packet one-way delay: 1.122 ms
Loss rate: 0.20%
```

Run 3: Report of Saturator — Data Link

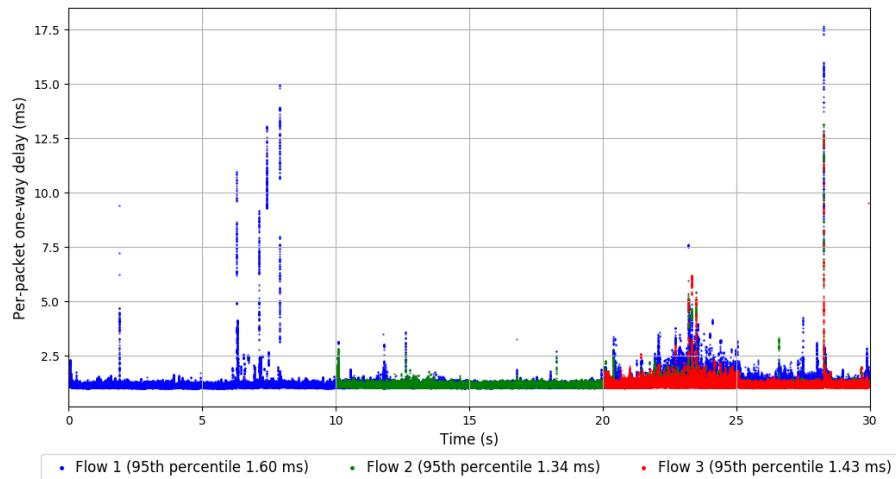
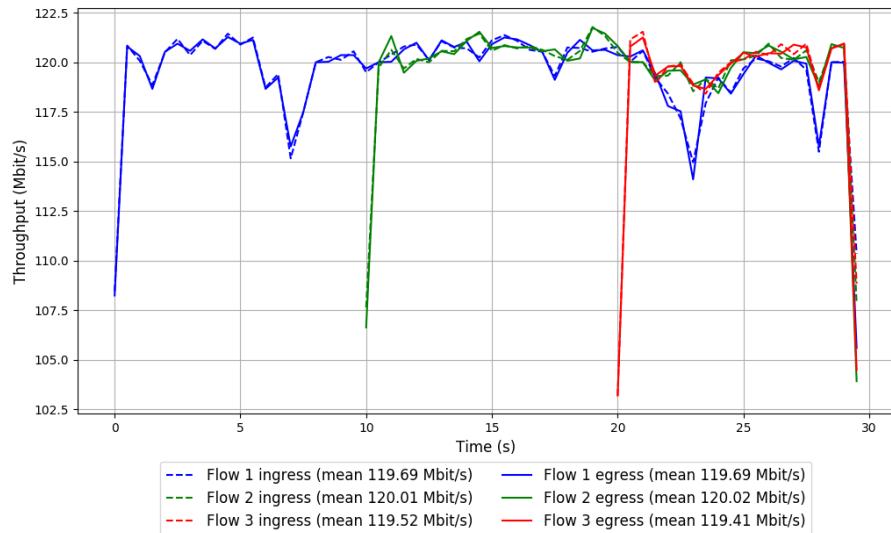


Run 4: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 04:19:39 +0000
End at: Tue, 01 Aug 2017 04:20:09 +0000
Local clock offset: -0.102 ms
Remote clock offset: -1.165 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:12:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.05 Mbit/s
95th percentile per-packet one-way delay: 1.468 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 119.69 Mbit/s
95th percentile per-packet one-way delay: 1.599 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 120.02 Mbit/s
95th percentile per-packet one-way delay: 1.336 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 119.41 Mbit/s
95th percentile per-packet one-way delay: 1.434 ms
Loss rate: 0.20%
```

Run 4: Report of Saturator — Data Link

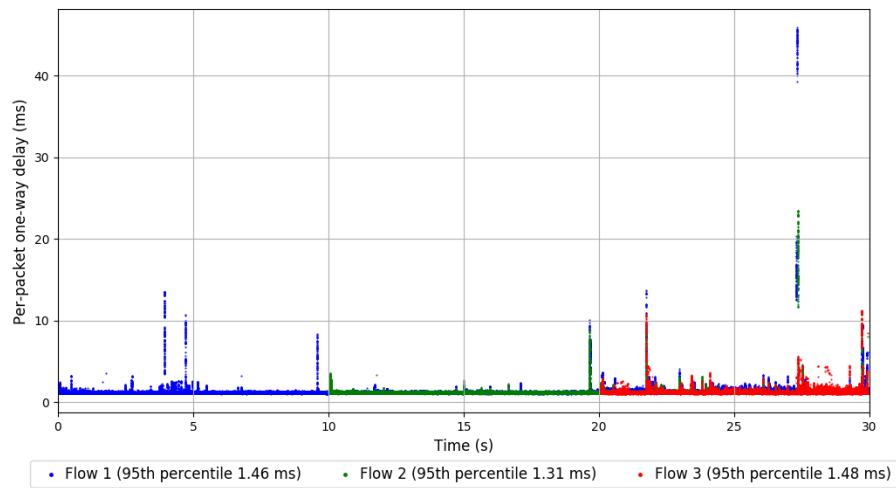
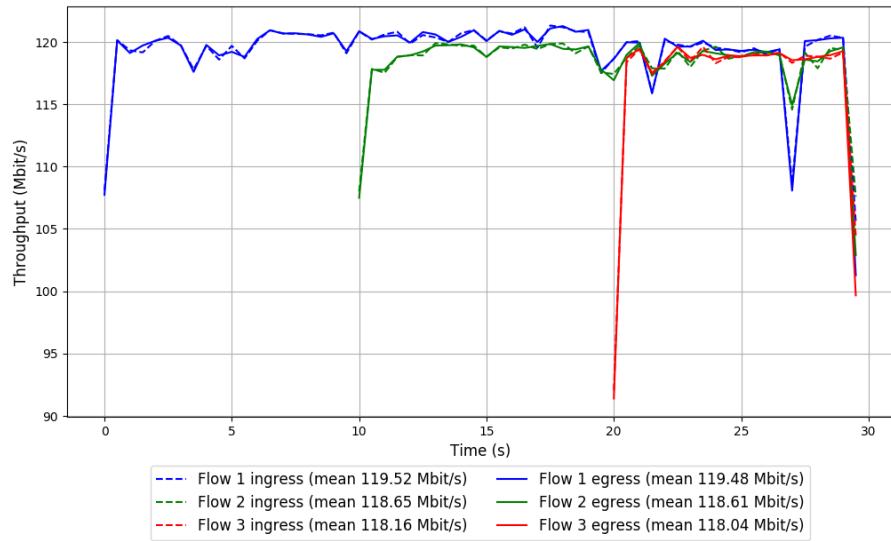


Run 5: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 04:42:10 +0000
End at: Tue, 01 Aug 2017 04:42:40 +0000
Local clock offset: -0.206 ms
Remote clock offset: -0.936 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:12:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 237.34 Mbit/s
95th percentile per-packet one-way delay: 1.418 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 119.48 Mbit/s
95th percentile per-packet one-way delay: 1.463 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 118.61 Mbit/s
95th percentile per-packet one-way delay: 1.311 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 118.04 Mbit/s
95th percentile per-packet one-way delay: 1.477 ms
Loss rate: 0.20%
```

Run 5: Report of Saturator — Data Link

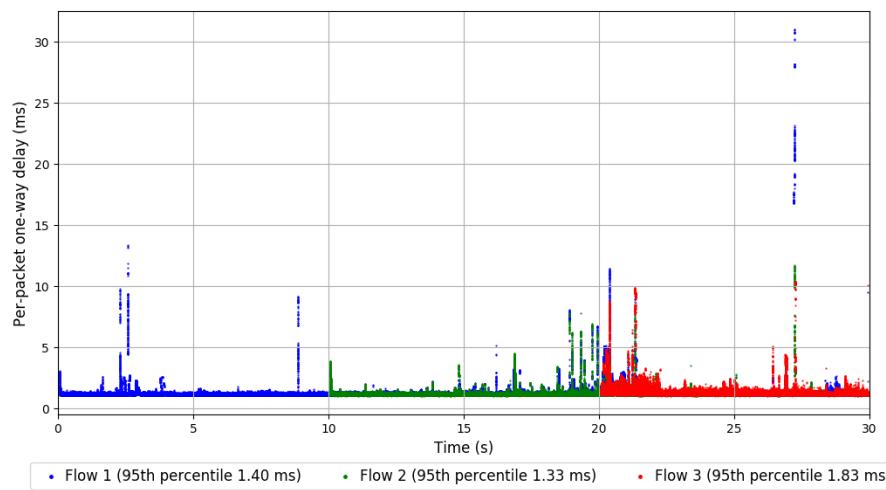
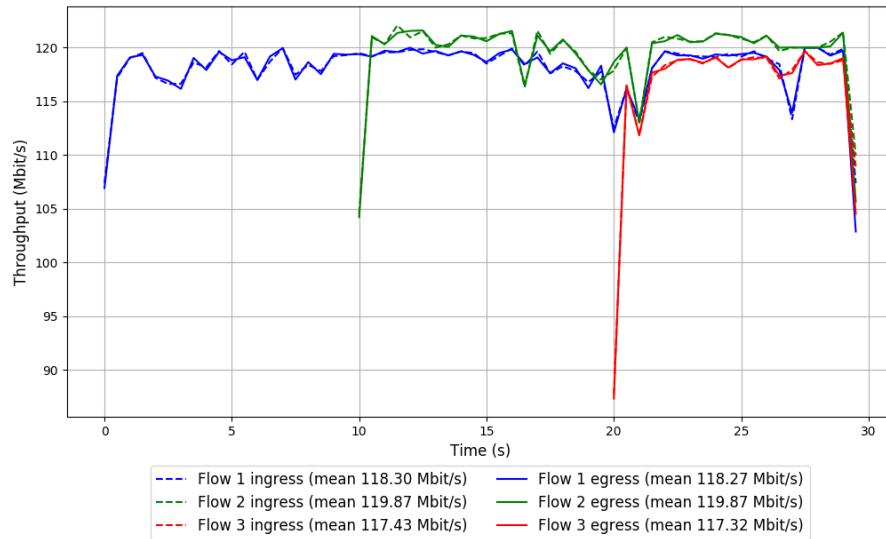


Run 6: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 05:04:41 +0000
End at: Tue, 01 Aug 2017 05:05:11 +0000
Local clock offset: -0.226 ms
Remote clock offset: -1.223 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:12:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 236.69 Mbit/s
95th percentile per-packet one-way delay: 1.453 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 118.27 Mbit/s
95th percentile per-packet one-way delay: 1.401 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 119.87 Mbit/s
95th percentile per-packet one-way delay: 1.332 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 117.32 Mbit/s
95th percentile per-packet one-way delay: 1.827 ms
Loss rate: 0.20%
```

Run 6: Report of Saturator — Data Link

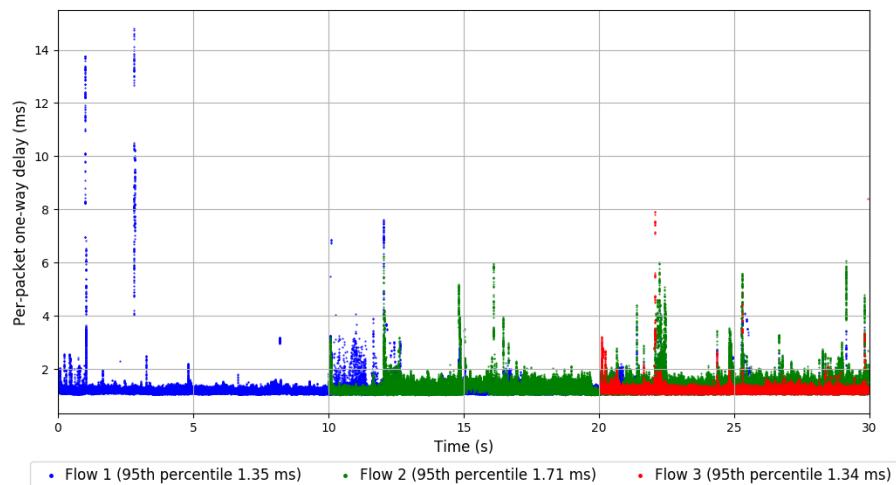
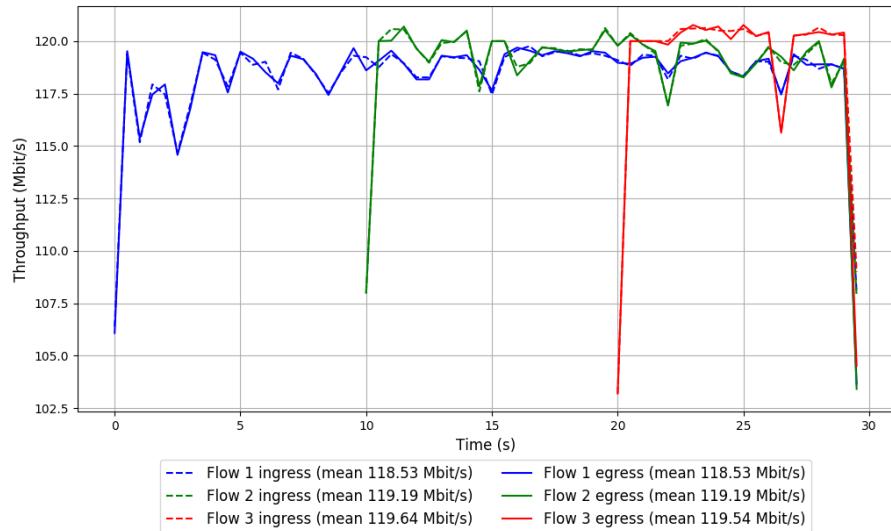


Run 7: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 05:27:13 +0000
End at: Tue, 01 Aug 2017 05:27:43 +0000
Local clock offset: -0.308 ms
Remote clock offset: -0.968 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 237.40 Mbit/s
95th percentile per-packet one-way delay: 1.543 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 118.53 Mbit/s
95th percentile per-packet one-way delay: 1.347 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 119.19 Mbit/s
95th percentile per-packet one-way delay: 1.705 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 119.54 Mbit/s
95th percentile per-packet one-way delay: 1.337 ms
Loss rate: 0.20%
```

Run 7: Report of Saturator — Data Link

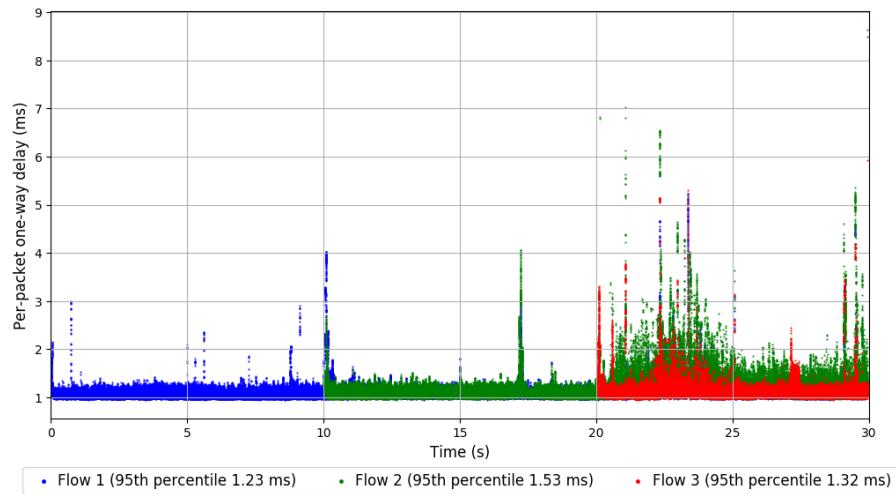
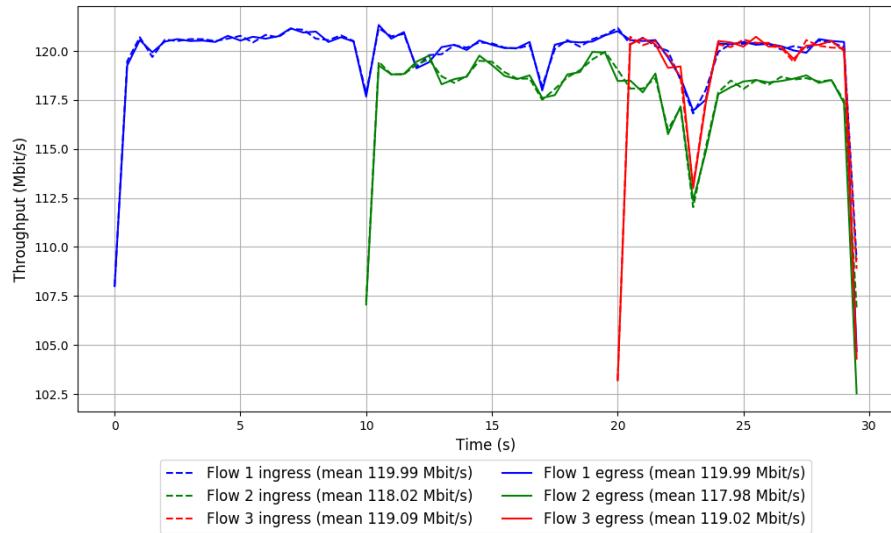


Run 8: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 05:49:38 +0000
End at: Tue, 01 Aug 2017 05:50:08 +0000
Local clock offset: -0.075 ms
Remote clock offset: -0.523 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 237.94 Mbit/s
95th percentile per-packet one-way delay: 1.345 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 119.99 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 117.98 Mbit/s
95th percentile per-packet one-way delay: 1.534 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 119.02 Mbit/s
95th percentile per-packet one-way delay: 1.322 ms
Loss rate: 0.20%
```

Run 8: Report of Saturator — Data Link

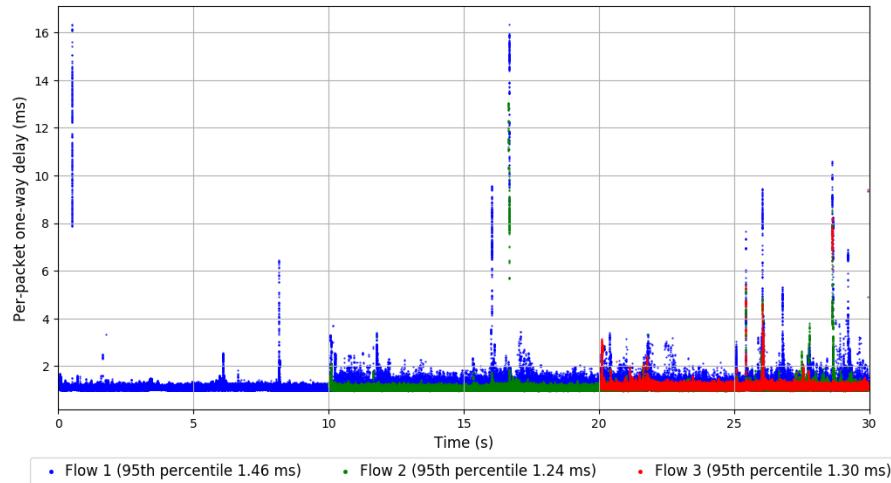
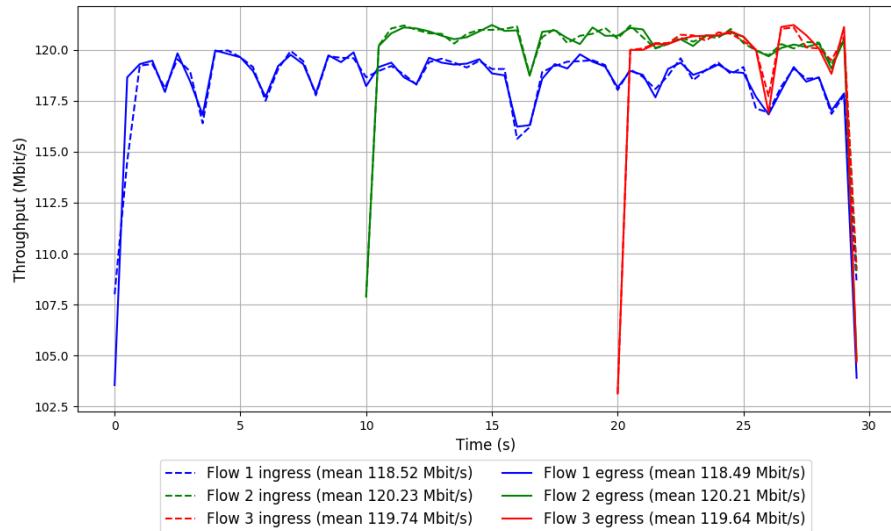


Run 9: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 06:12:07 +0000
End at: Tue, 01 Aug 2017 06:12:37 +0000
Local clock offset: 0.383 ms
Remote clock offset: -0.333 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 238.14 Mbit/s
95th percentile per-packet one-way delay: 1.362 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 118.49 Mbit/s
95th percentile per-packet one-way delay: 1.463 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 120.21 Mbit/s
95th percentile per-packet one-way delay: 1.240 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 119.64 Mbit/s
95th percentile per-packet one-way delay: 1.297 ms
Loss rate: 0.20%
```

Run 9: Report of Saturator — Data Link

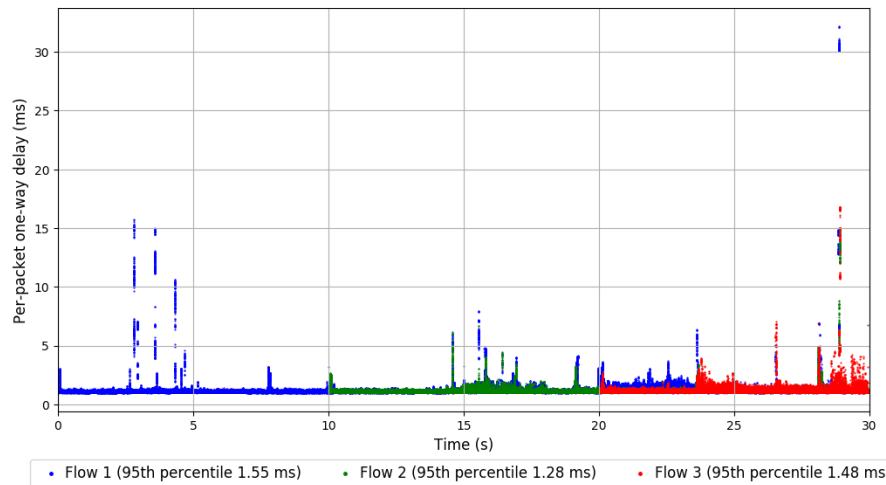
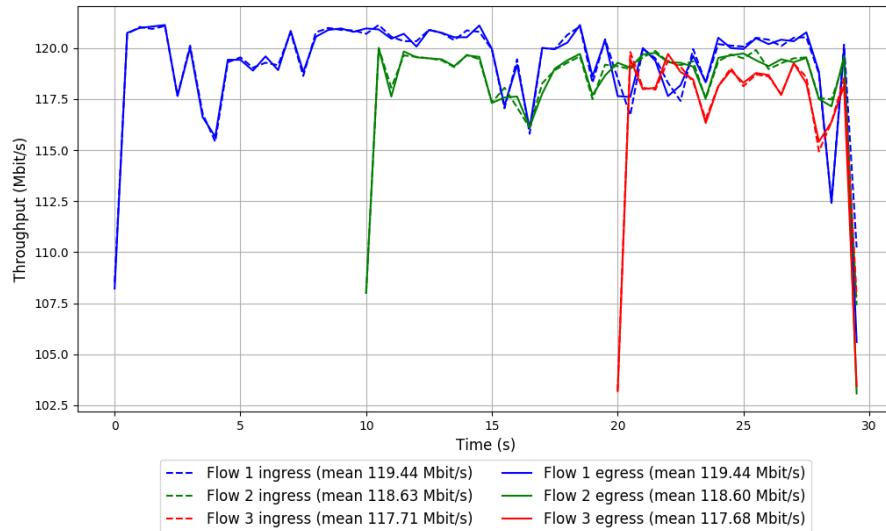


Run 10: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 06:34:45 +0000
End at: Tue, 01 Aug 2017 06:35:15 +0000
Local clock offset: 0.541 ms
Remote clock offset: -0.214 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 237.33 Mbit/s
95th percentile per-packet one-way delay: 1.468 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 119.44 Mbit/s
95th percentile per-packet one-way delay: 1.547 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 118.60 Mbit/s
95th percentile per-packet one-way delay: 1.276 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 117.68 Mbit/s
95th percentile per-packet one-way delay: 1.480 ms
Loss rate: 0.20%
```

Run 10: Report of Saturator — Data Link

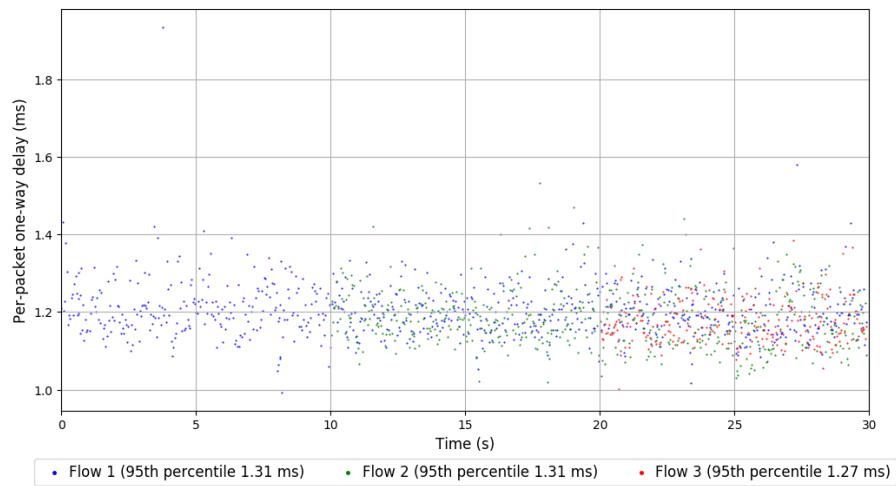
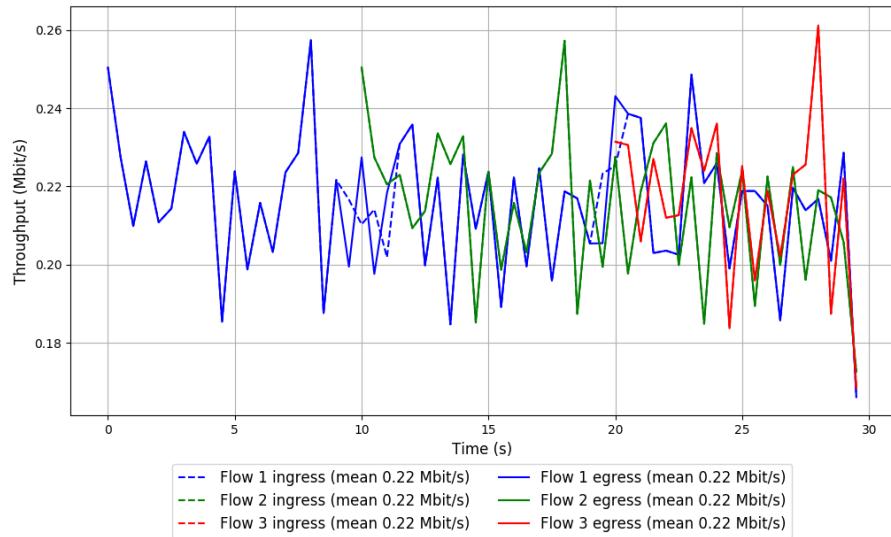


Run 1: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 03:20:43 +0000
End at: Tue, 01 Aug 2017 03:21:13 +0000
Local clock offset: -0.083 ms
Remote clock offset: -1.069 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.311 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.314 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.314 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

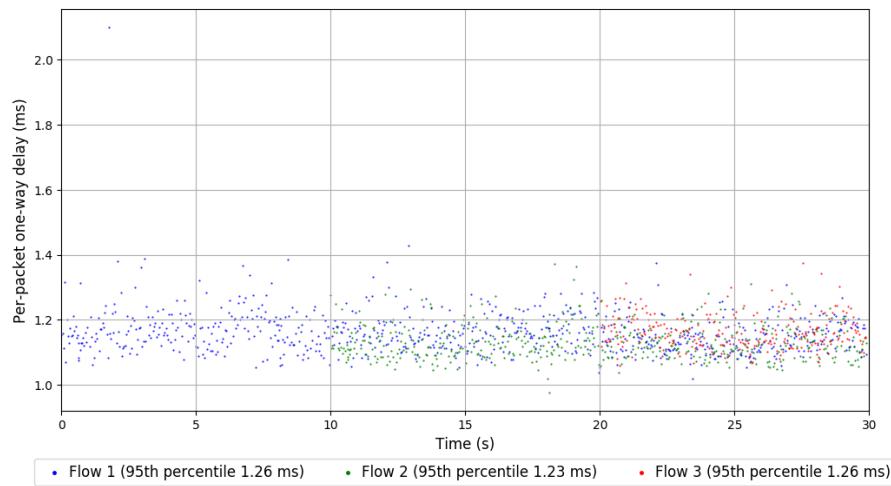
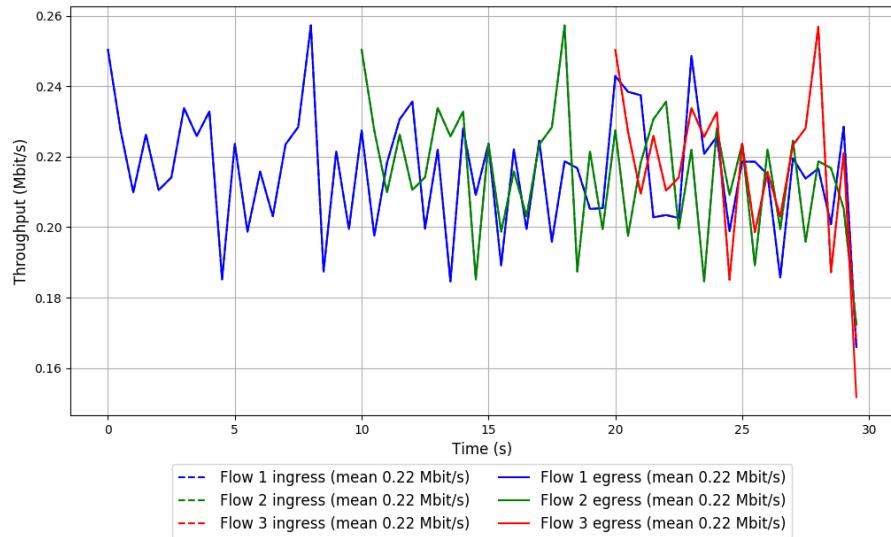


Run 2: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 03:43:08 +0000
End at: Tue, 01 Aug 2017 03:43:38 +0000
Local clock offset: -0.138 ms
Remote clock offset: -0.972 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.253 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.264 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.234 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.256 ms
Loss rate: 0.35%
```

Run 2: Report of SCReAM — Data Link

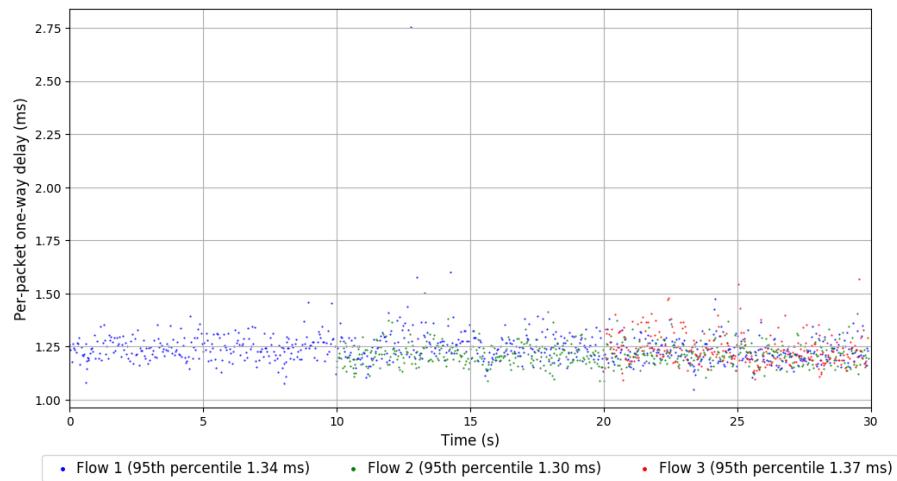
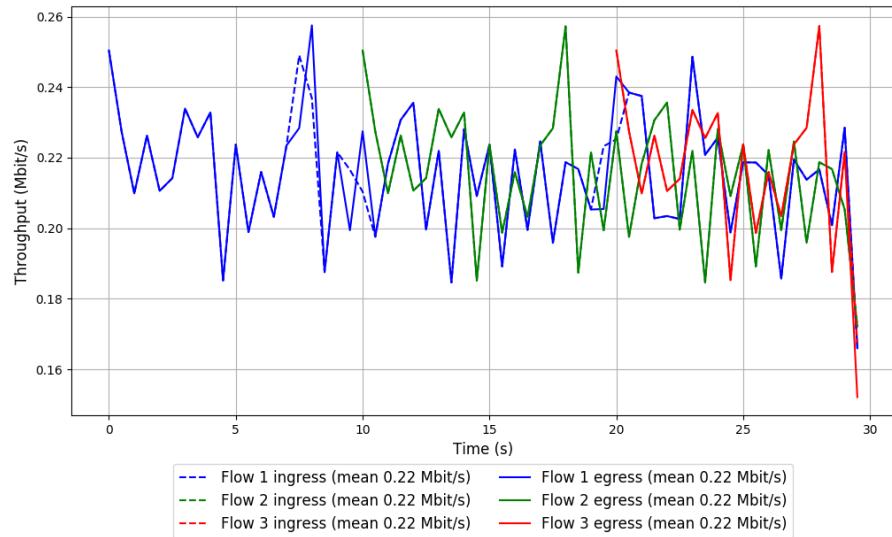


Run 3: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 04:05:47 +0000
End at: Tue, 01 Aug 2017 04:06:17 +0000
Local clock offset: -0.083 ms
Remote clock offset: -1.13 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.343 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.345 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.305 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.367 ms
Loss rate: 0.35%
```

Run 3: Report of SCReAM — Data Link

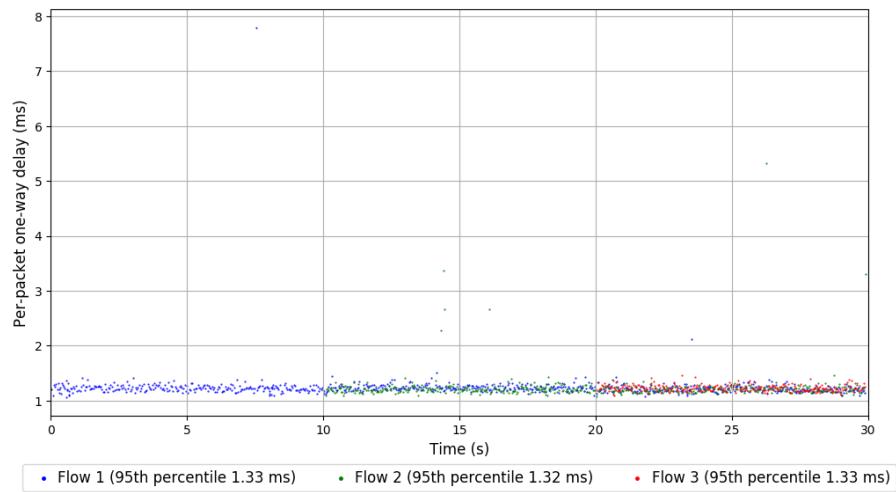
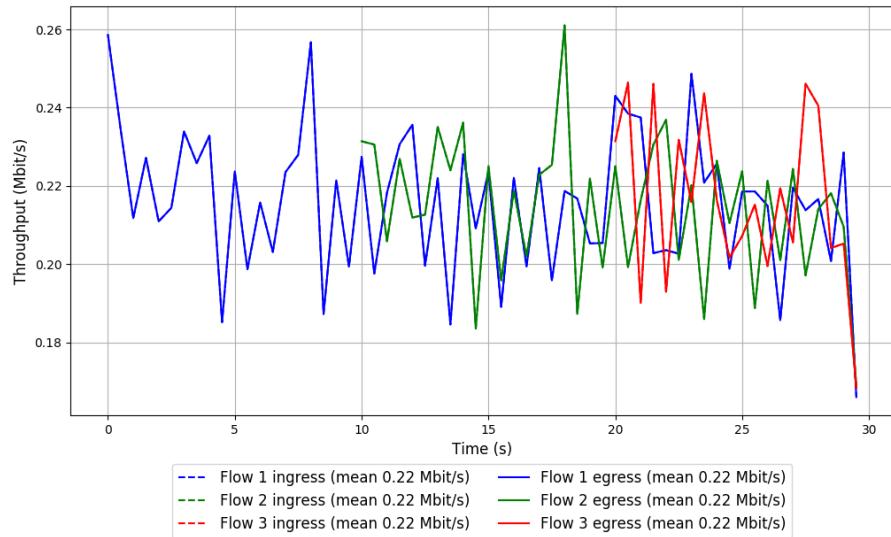


Run 4: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 04:28:33 +0000
End at: Tue, 01 Aug 2017 04:29:03 +0000
Local clock offset: -0.19 ms
Remote clock offset: -1.167 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.326 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.326 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.316 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.331 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

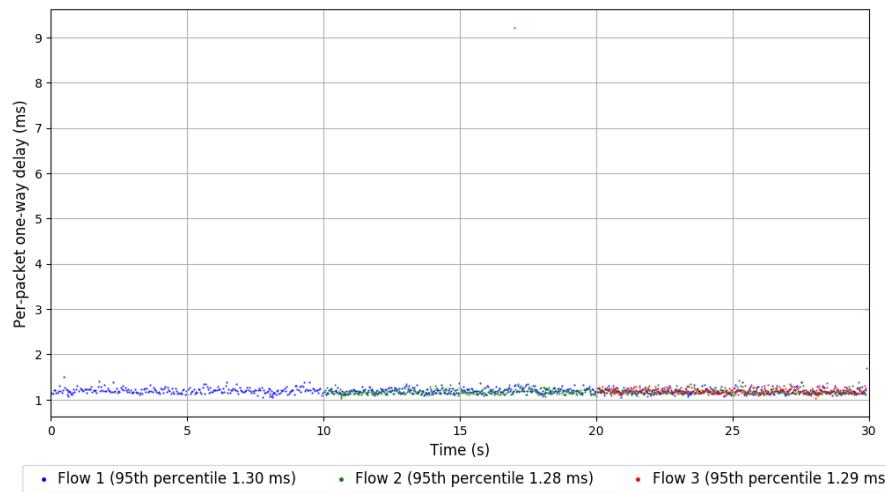
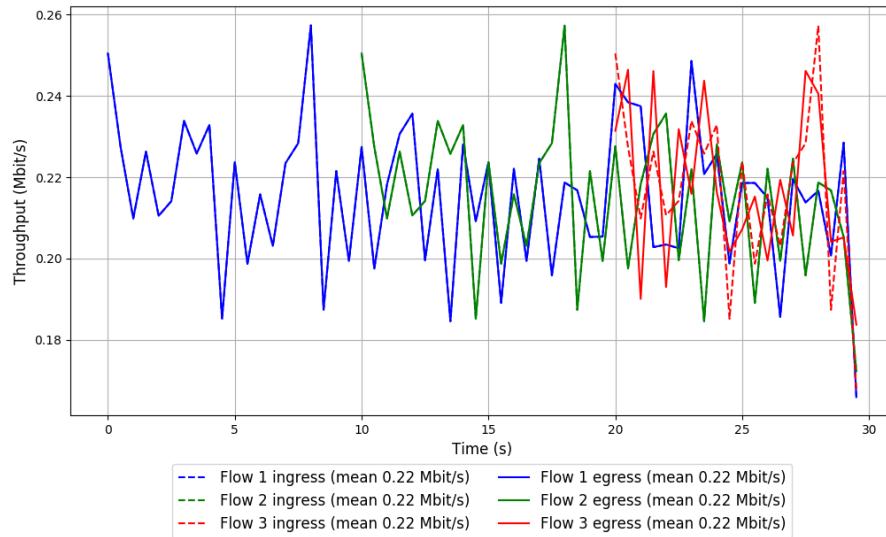


Run 5: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 04:51:00 +0000
End at: Tue, 01 Aug 2017 04:51:30 +0000
Local clock offset: -0.279 ms
Remote clock offset: -1.06 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.303 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.280 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

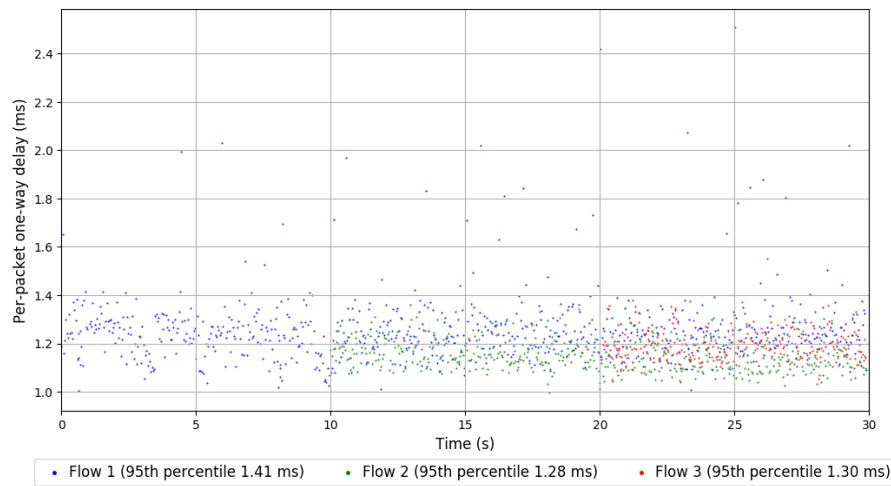
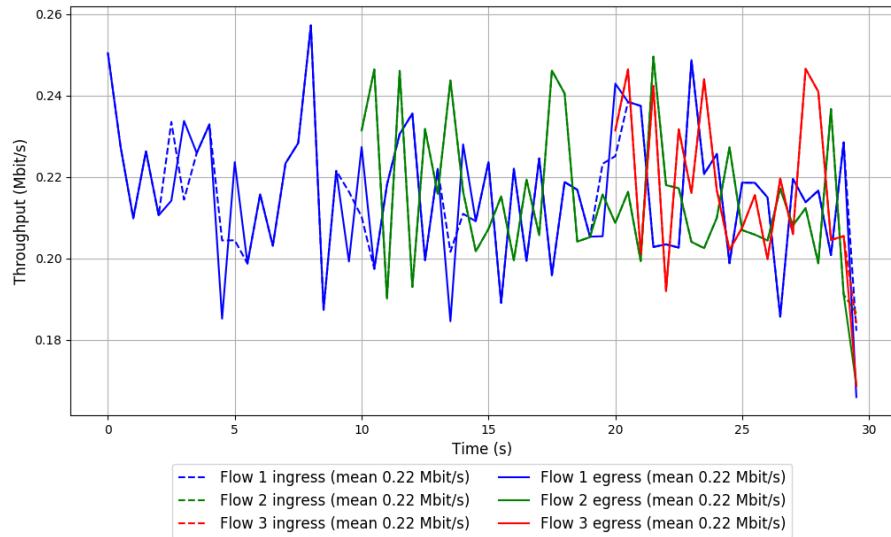


Run 6: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 05:13:35 +0000
End at: Tue, 01 Aug 2017 05:14:05 +0000
Local clock offset: -0.321 ms
Remote clock offset: -1.173 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.364 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.411 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.279 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.300 ms
Loss rate: 0.35%
```

Run 6: Report of SCReAM — Data Link

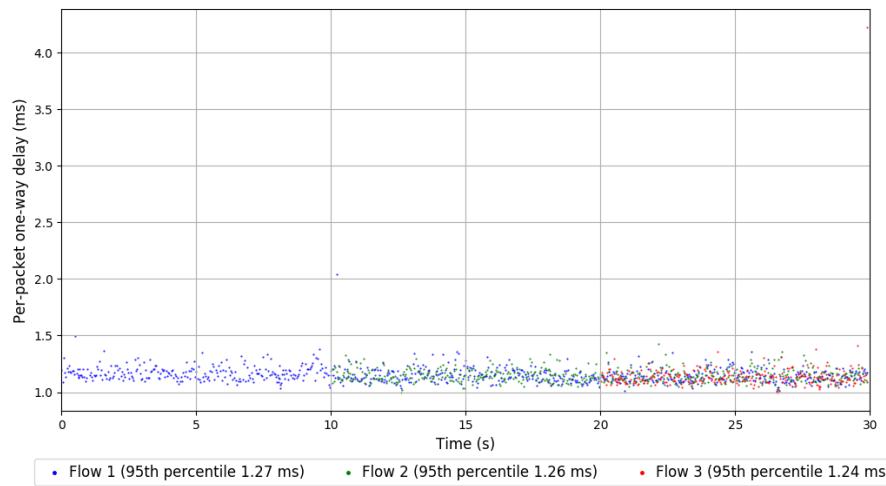
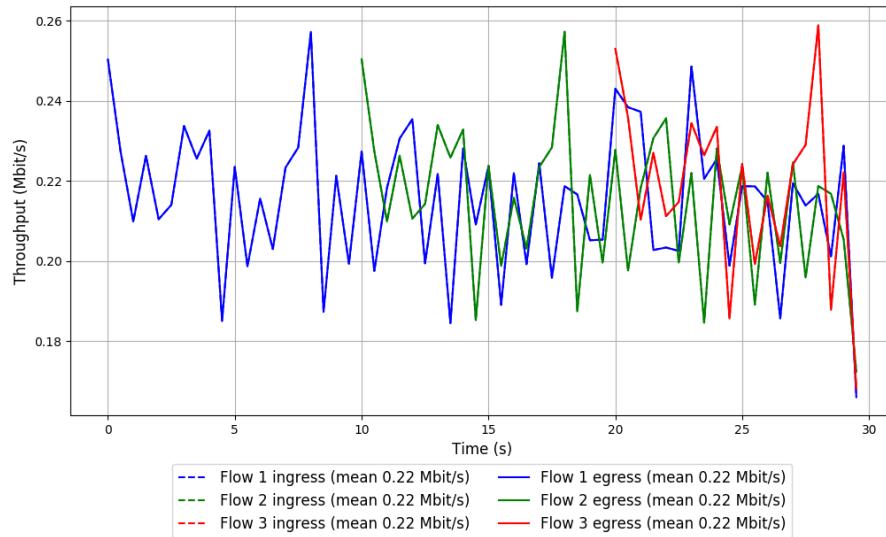


Run 7: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 05:36:01 +0000
End at: Tue, 01 Aug 2017 05:36:31 +0000
Local clock offset: -0.228 ms
Remote clock offset: -0.723 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.262 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.269 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.261 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.236 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

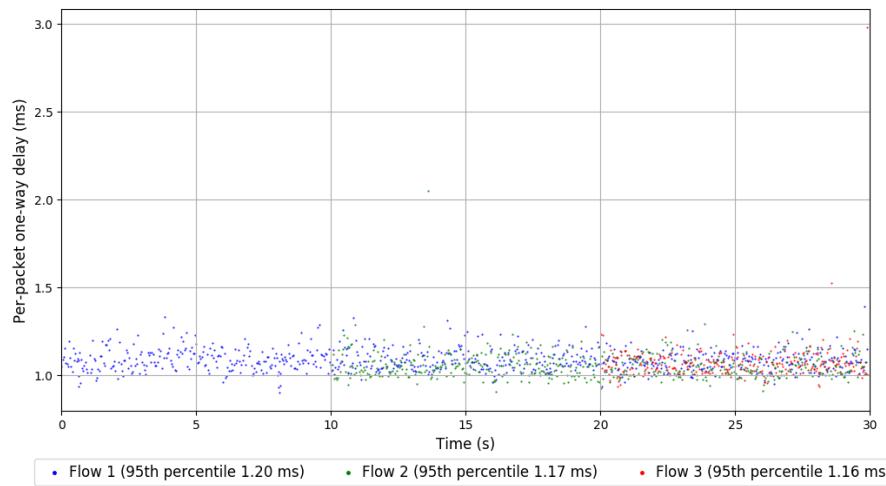
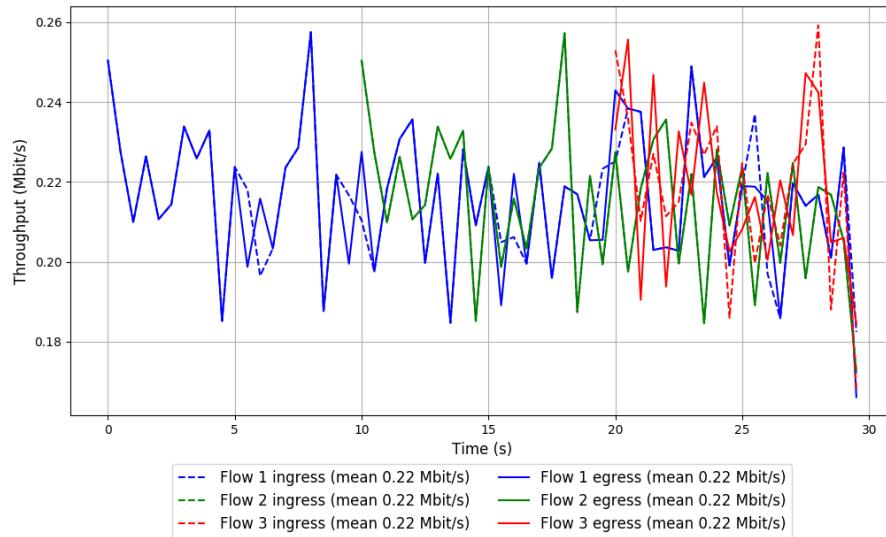


Run 8: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 05:58:32 +0000
End at: Tue, 01 Aug 2017 05:59:02 +0000
Local clock offset: 0.089 ms
Remote clock offset: -0.295 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.183 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.164 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

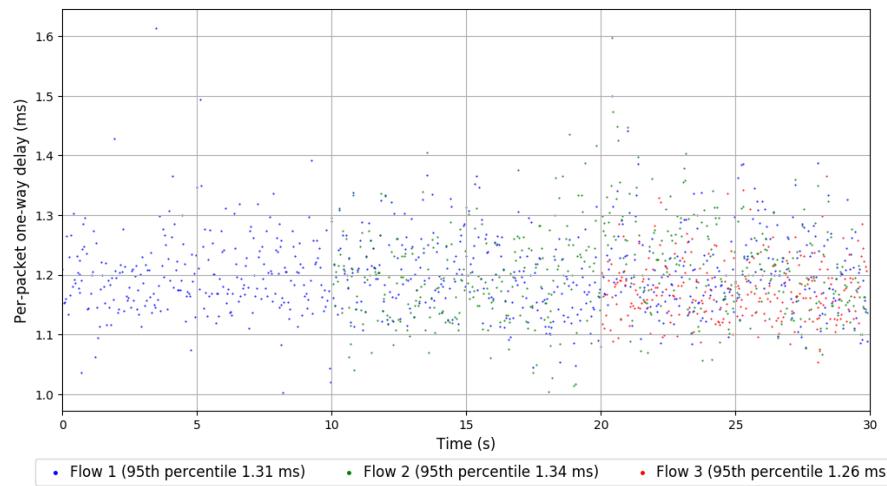
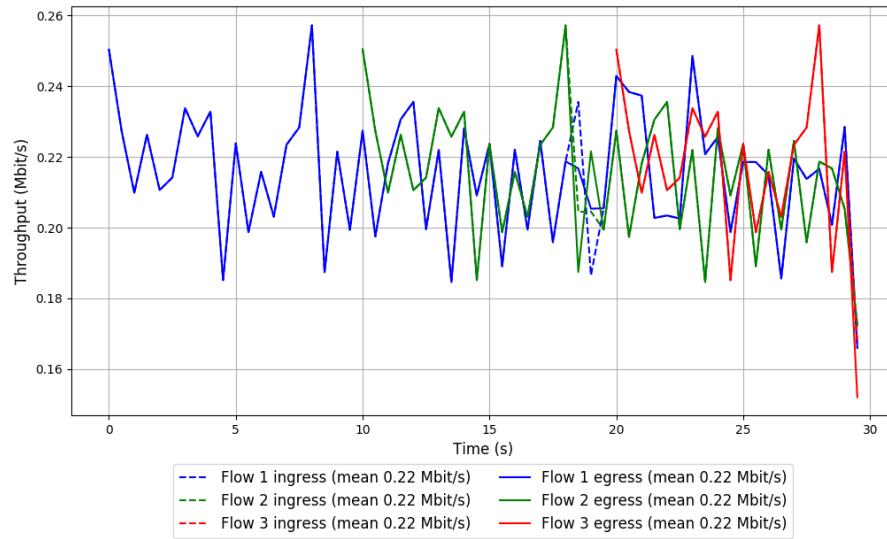


Run 9: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 06:21:06 +0000
End at: Tue, 01 Aug 2017 06:21:36 +0000
Local clock offset: 0.404 ms
Remote clock offset: -0.409 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.322 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.315 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.336 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.35%
```

Run 9: Report of SCReAM — Data Link

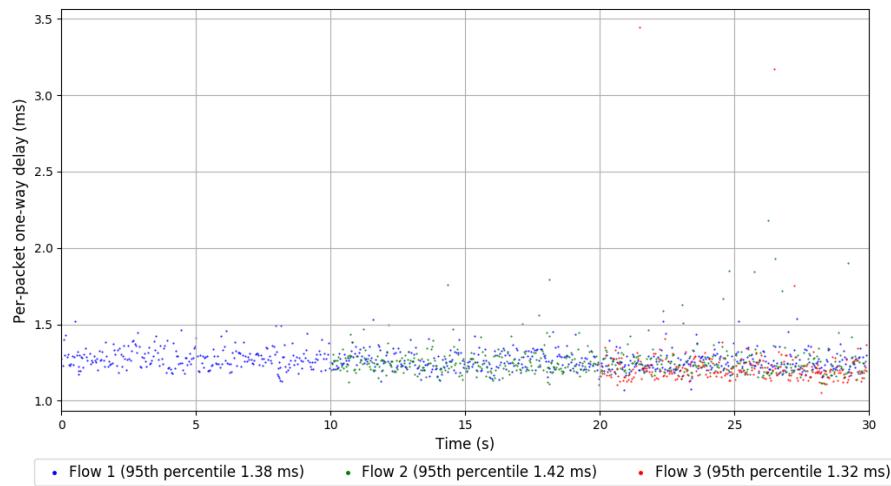
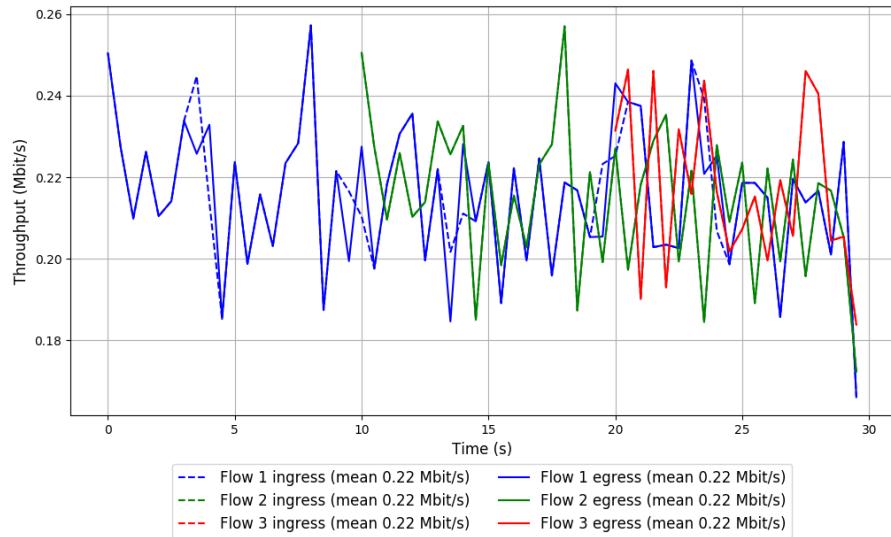


Run 10: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 06:43:39 +0000
End at: Tue, 01 Aug 2017 06:44:09 +0000
Local clock offset: 0.709 ms
Remote clock offset: -0.065 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:13:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.375 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.380 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.418 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.321 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

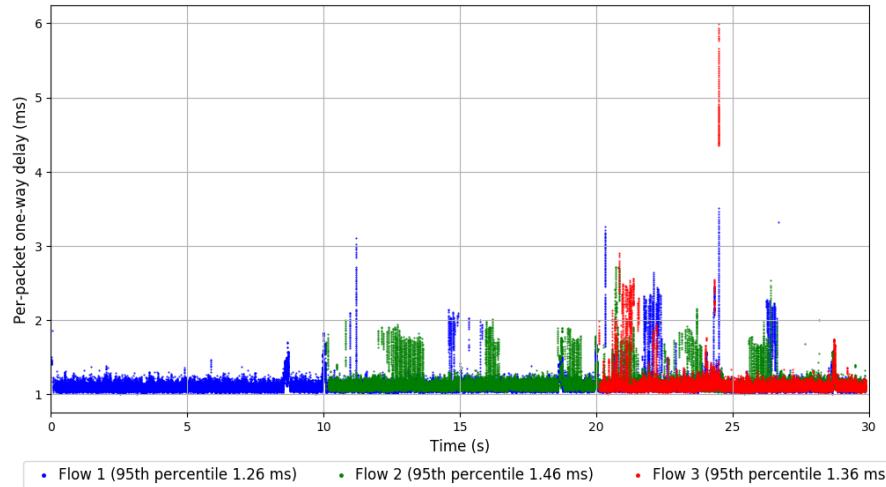
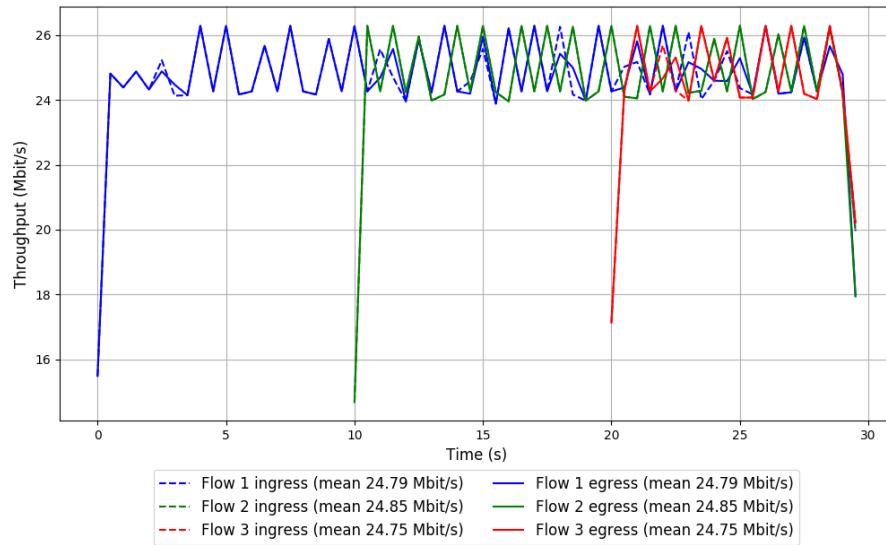


Run 1: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:10:39 +0000
End at: Tue, 01 Aug 2017 03:11:09 +0000
Local clock offset: 0.099 ms
Remote clock offset: -1.214 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.39 Mbit/s
95th percentile per-packet one-way delay: 1.355 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 1.259 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.464 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 1.362 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

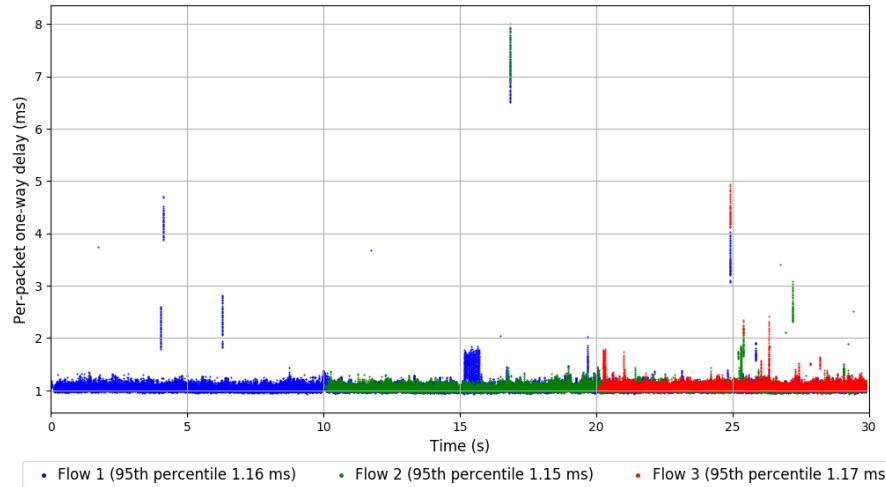
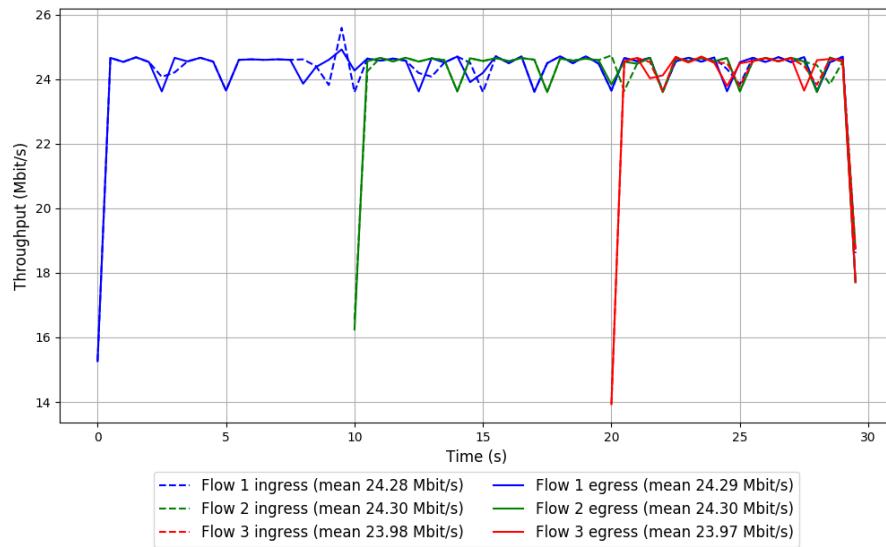


Run 2: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:33:05 +0000
End at: Tue, 01 Aug 2017 03:33:35 +0000
Local clock offset: -0.13 ms
Remote clock offset: -0.873 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 1.156 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 1.149 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.21%
```

Run 2: Report of Sprout — Data Link

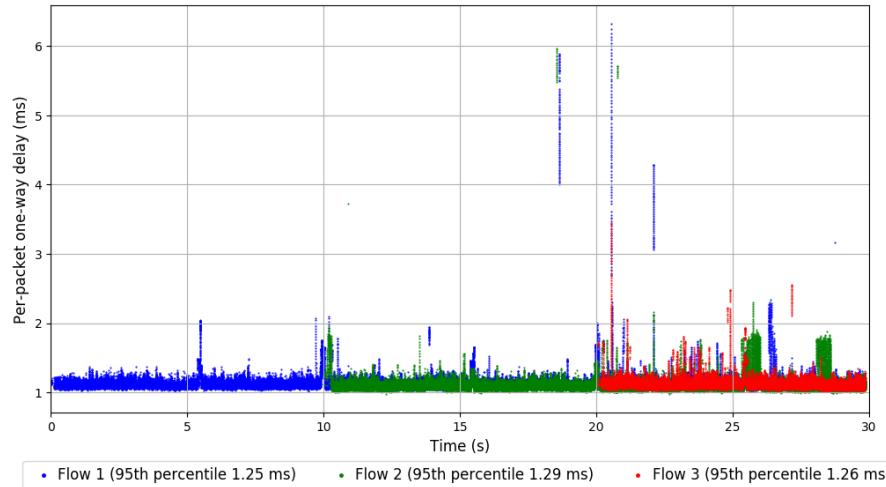
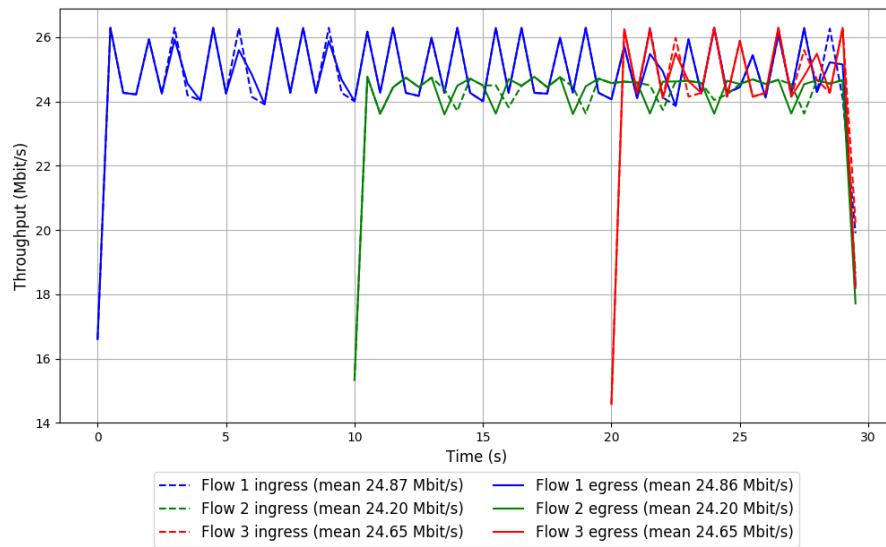


Run 3: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:55:37 +0000
End at: Tue, 01 Aug 2017 03:56:07 +0000
Local clock offset: -0.092 ms
Remote clock offset: -0.969 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.05 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 1.251 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.42%
```

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Tue, 01 Aug 2017 04:18:28 +0000
End at: Tue, 01 Aug 2017 04:18:58 +0000
Local clock offset: -0.163 ms
Remote clock offset: -1.151 ms

Run 4: Report of Sprout — Data Link

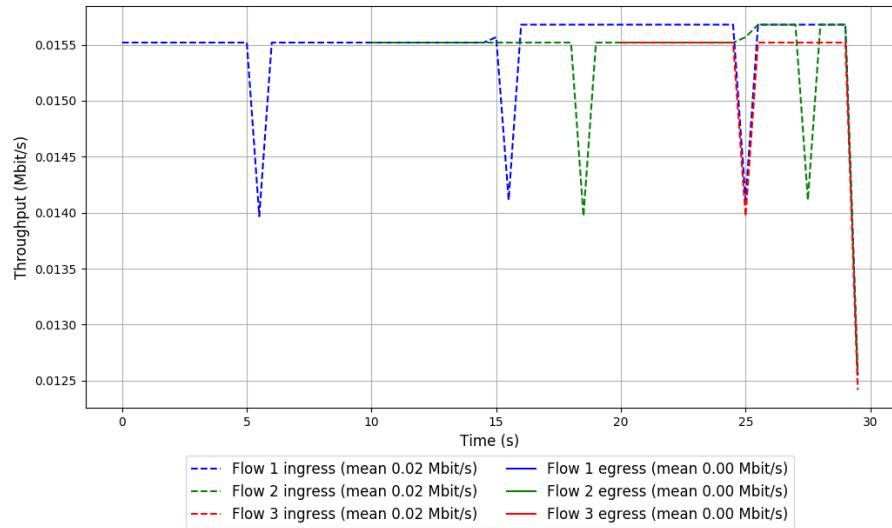


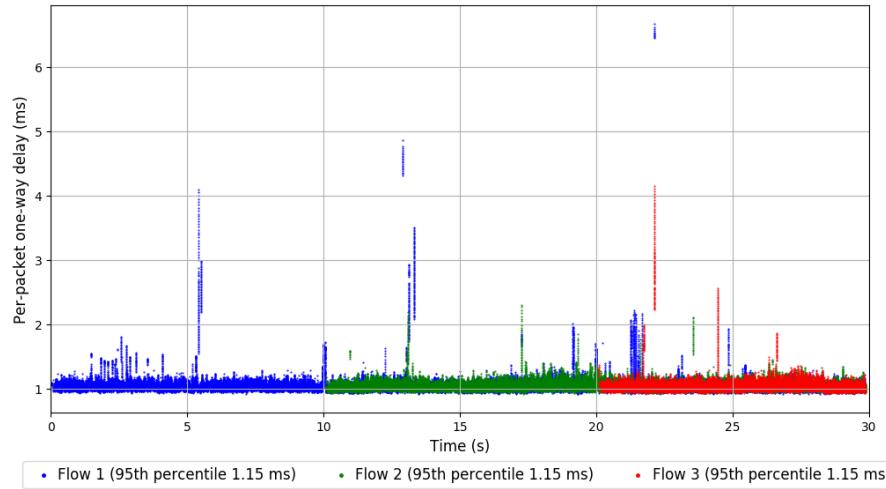
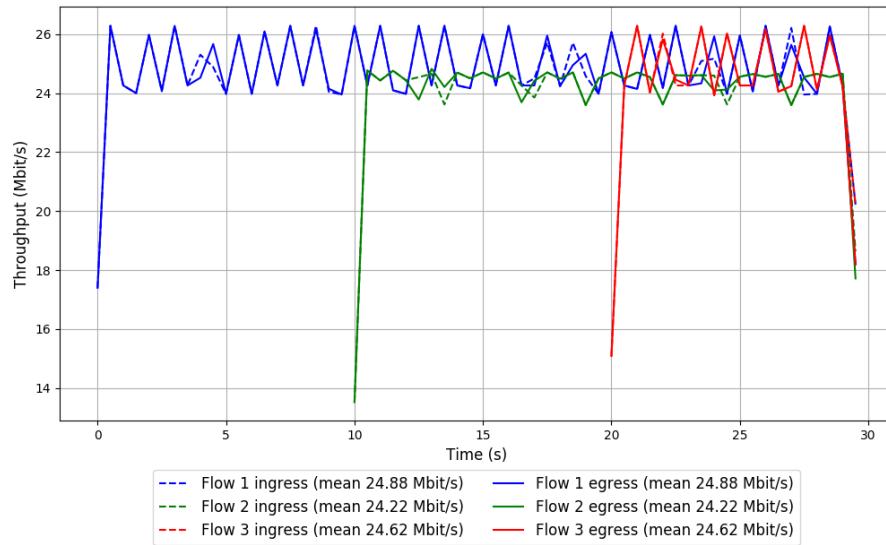
Figure is missing

Run 5: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 04:40:58 +0000
End at: Tue, 01 Aug 2017 04:41:28 +0000
Local clock offset: -0.294 ms
Remote clock offset: -0.897 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.02 Mbit/s
95th percentile per-packet one-way delay: 1.152 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 1.153 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 1.152 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 1.149 ms
Loss rate: 0.42%
```

Run 5: Report of Sprout — Data Link

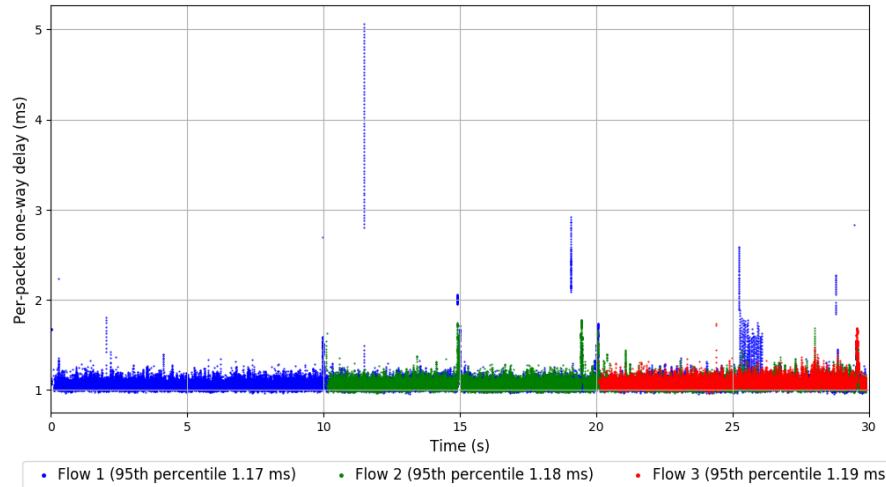
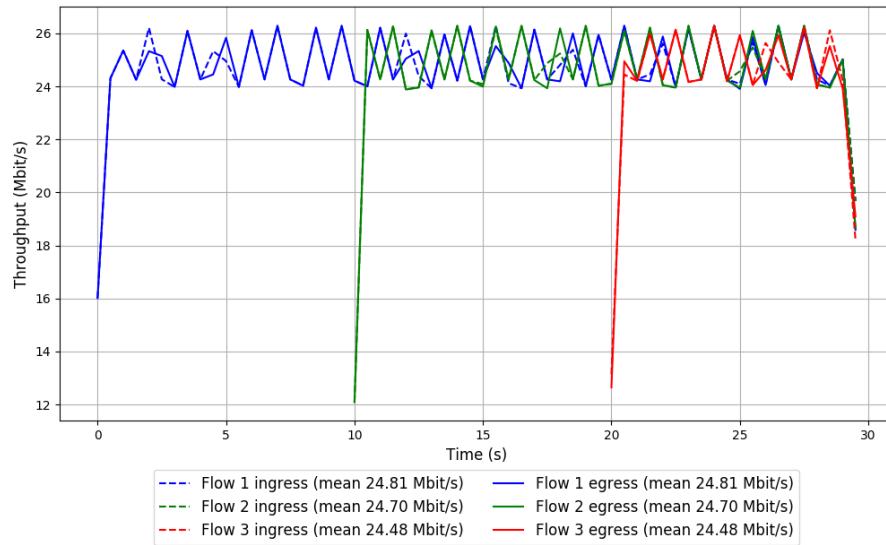


Run 6: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 05:03:28 +0000
End at: Tue, 01 Aug 2017 05:03:58 +0000
Local clock offset: -0.234 ms
Remote clock offset: -1.136 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.25 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.81 Mbit/s
95th percentile per-packet one-way delay: 1.169 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 1.175 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 1.187 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

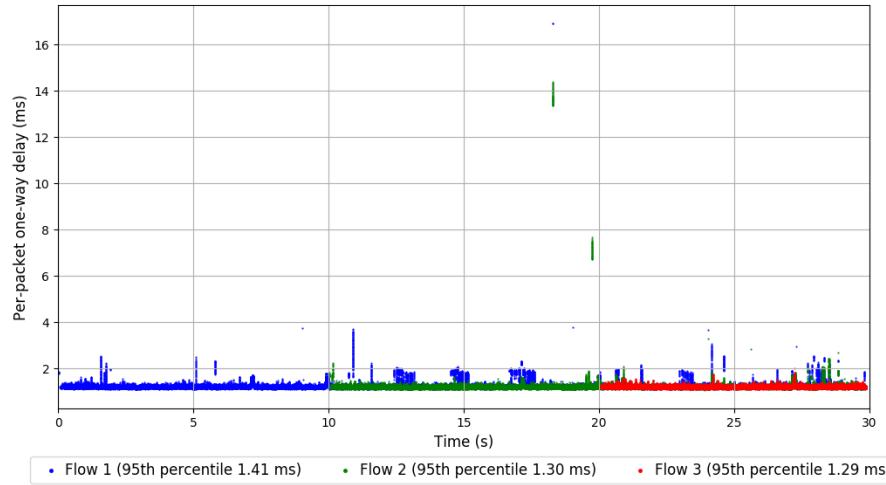
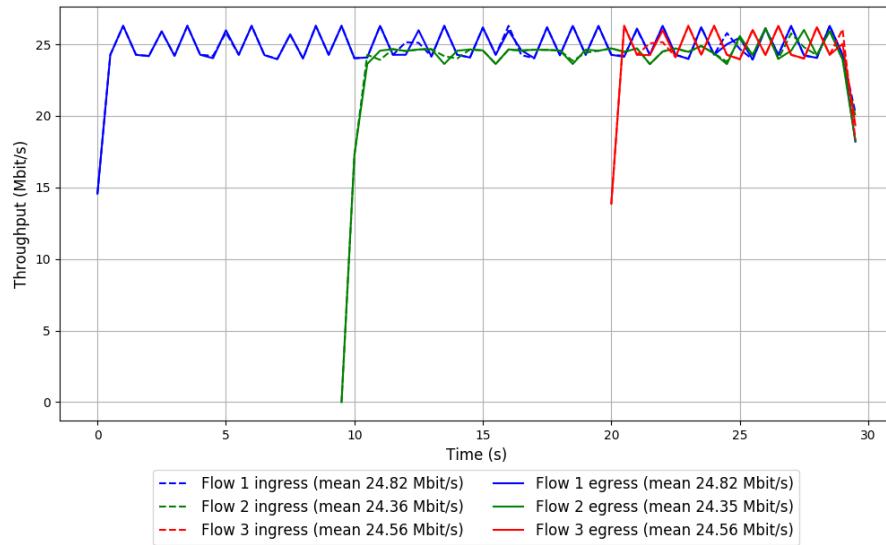


Run 7: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 05:26:01 +0000
End at: Tue, 01 Aug 2017 05:26:31 +0000
Local clock offset: -0.275 ms
Remote clock offset: -0.978 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.10 Mbit/s
95th percentile per-packet one-way delay: 1.332 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.82 Mbit/s
95th percentile per-packet one-way delay: 1.405 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 1.305 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 1.290 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

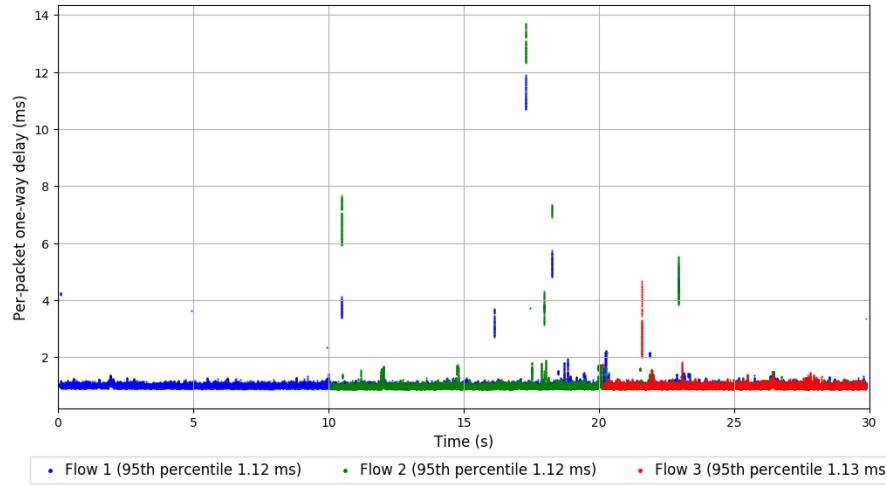
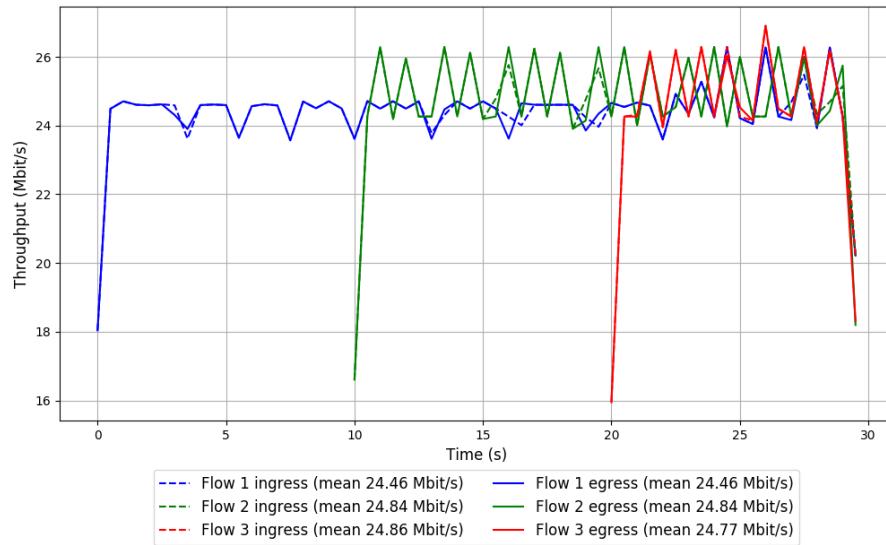


Run 8: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 05:48:26 +0000
End at: Tue, 01 Aug 2017 05:48:56 +0000
Local clock offset: -0.098 ms
Remote clock offset: -0.472 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 1.124 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 1.122 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 1.130 ms
Loss rate: 0.39%
```

Run 8: Report of Sprout — Data Link

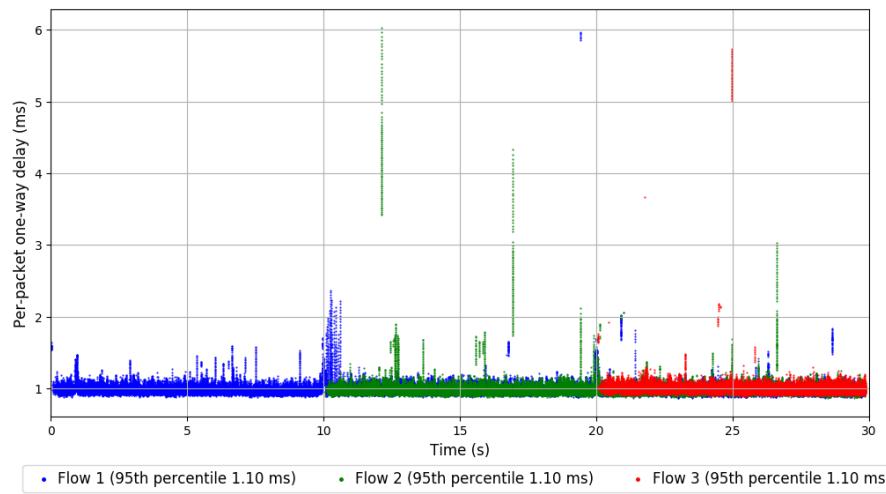
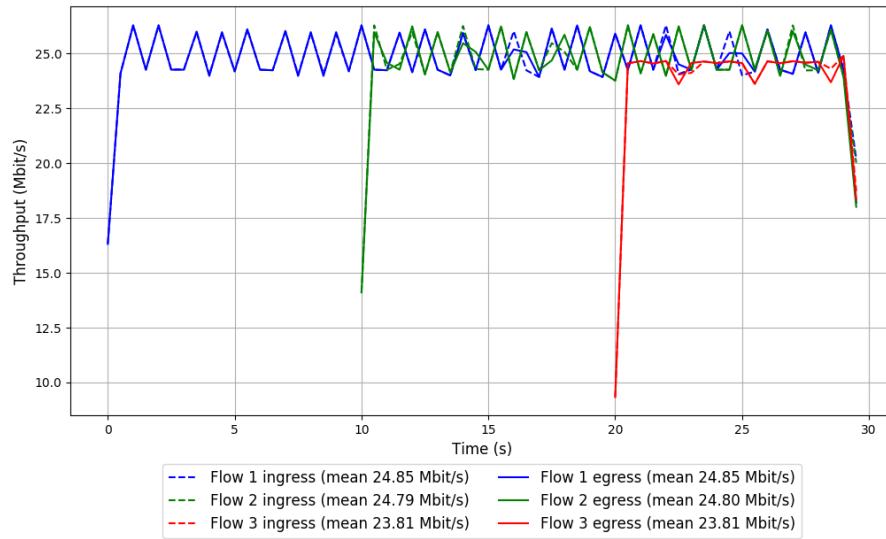


Run 9: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 06:10:54 +0000
End at: Tue, 01 Aug 2017 06:11:24 +0000
Local clock offset: 0.269 ms
Remote clock offset: -0.307 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.12 Mbit/s
95th percentile per-packet one-way delay: 1.097 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 1.099 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 1.096 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.81 Mbit/s
95th percentile per-packet one-way delay: 1.097 ms
Loss rate: 0.22%
```

Run 9: Report of Sprout — Data Link

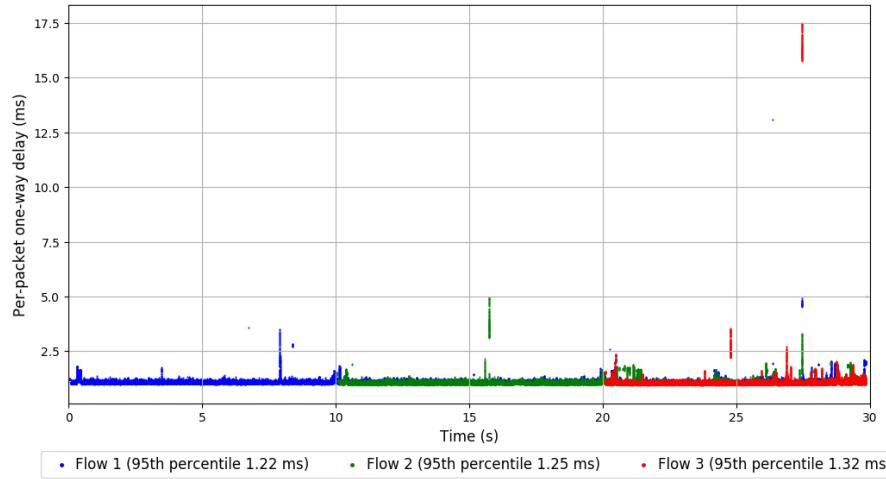
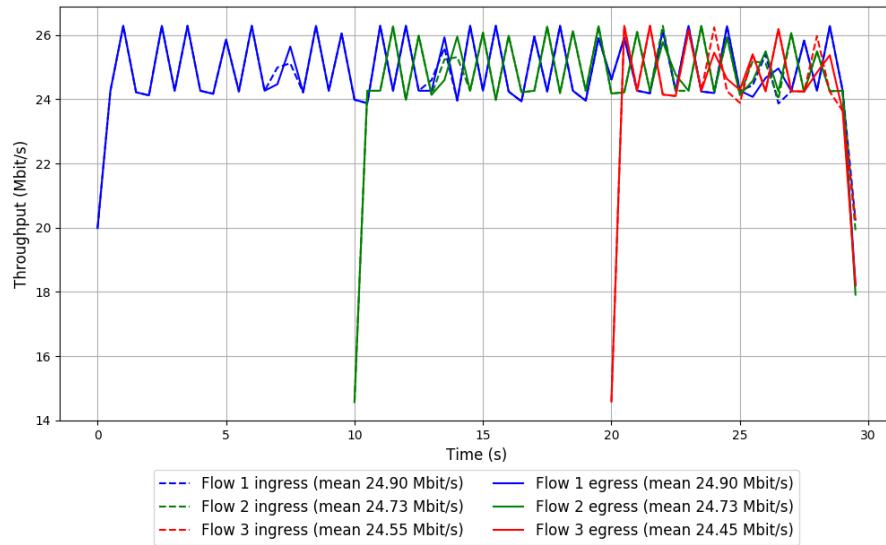


Run 10: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 06:33:32 +0000
End at: Tue, 01 Aug 2017 06:34:02 +0000
Local clock offset: 0.599 ms
Remote clock offset: -0.145 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:14:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.33 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 1.215 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 1.248 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 1.316 ms
Loss rate: 0.41%
```

Run 10: Report of Sprout — Data Link

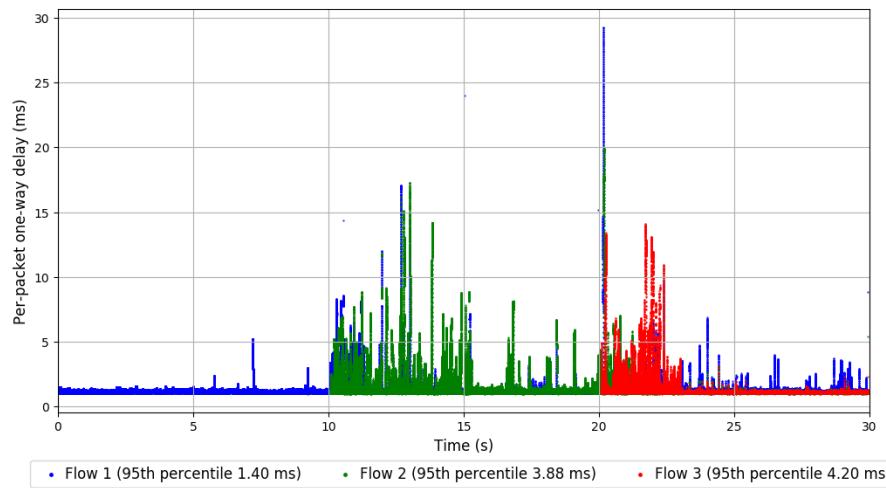
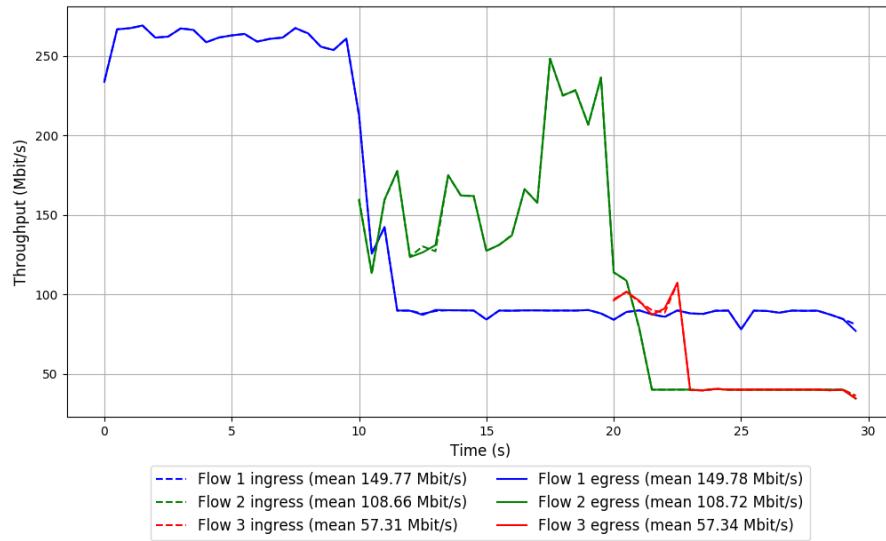


Run 1: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:13:18 +0000
End at: Tue, 01 Aug 2017 03:13:48 +0000
Local clock offset: -0.008 ms
Remote clock offset: -1.243 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:15:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 241.01 Mbit/s
95th percentile per-packet one-way delay: 2.558 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 149.78 Mbit/s
95th percentile per-packet one-way delay: 1.403 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 108.72 Mbit/s
95th percentile per-packet one-way delay: 3.883 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 4.199 ms
Loss rate: 0.16%
```

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

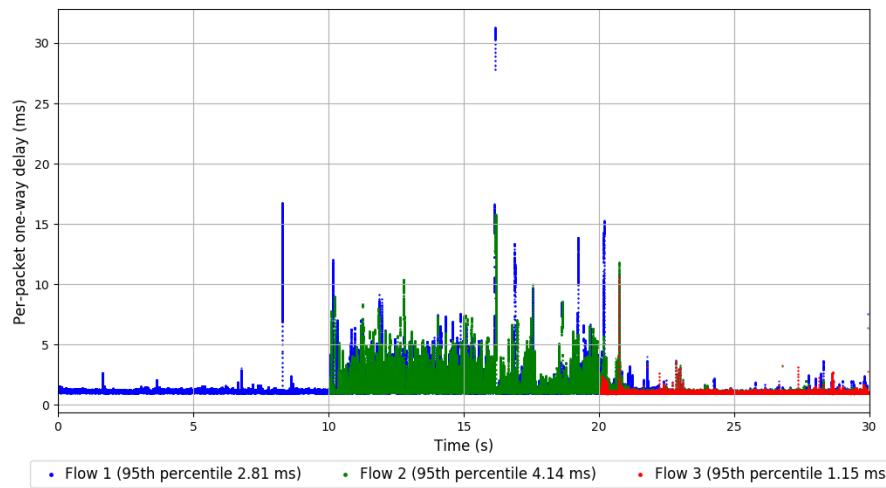
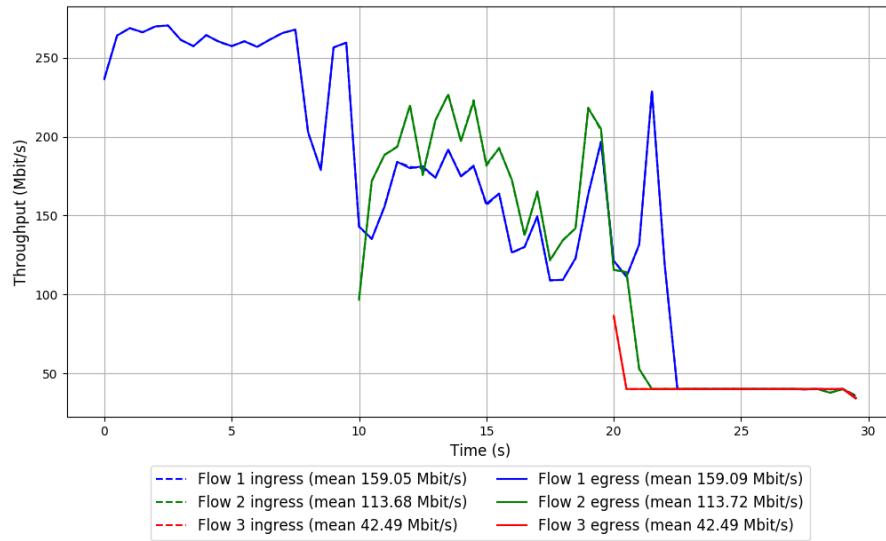


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:35:44 +0000
End at: Tue, 01 Aug 2017 03:36:14 +0000
Local clock offset: -0.044 ms
Remote clock offset: -0.836 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:15:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 248.77 Mbit/s
95th percentile per-packet one-way delay: 3.263 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 159.09 Mbit/s
95th percentile per-packet one-way delay: 2.810 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 113.72 Mbit/s
95th percentile per-packet one-way delay: 4.137 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 42.49 Mbit/s
95th percentile per-packet one-way delay: 1.145 ms
Loss rate: 0.19%
```

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

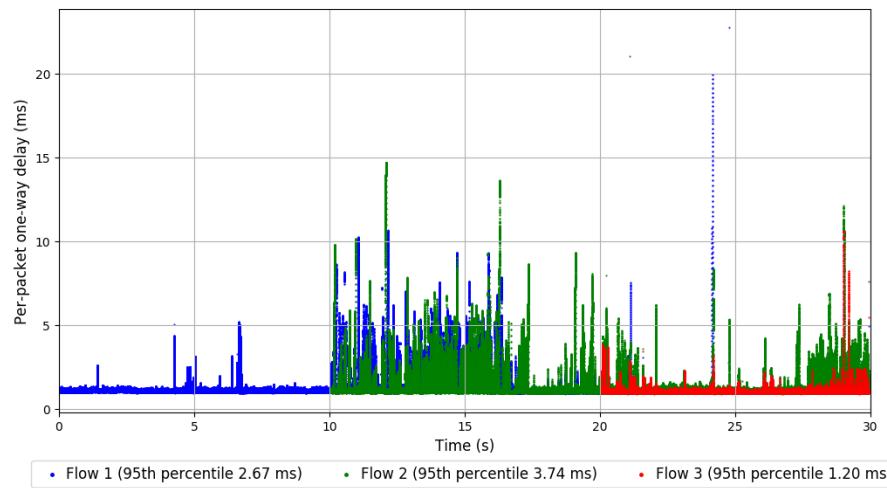
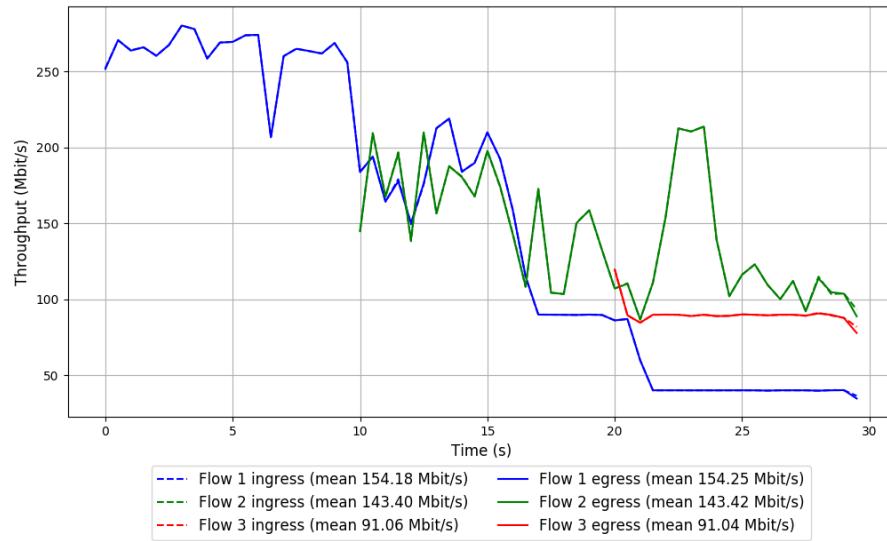


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:58:16 +0000
End at: Tue, 01 Aug 2017 03:58:46 +0000
Local clock offset: -0.086 ms
Remote clock offset: -0.956 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:16:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 279.74 Mbit/s
95th percentile per-packet one-way delay: 2.977 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 154.25 Mbit/s
95th percentile per-packet one-way delay: 2.670 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 143.42 Mbit/s
95th percentile per-packet one-way delay: 3.744 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 91.04 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.23%
```

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

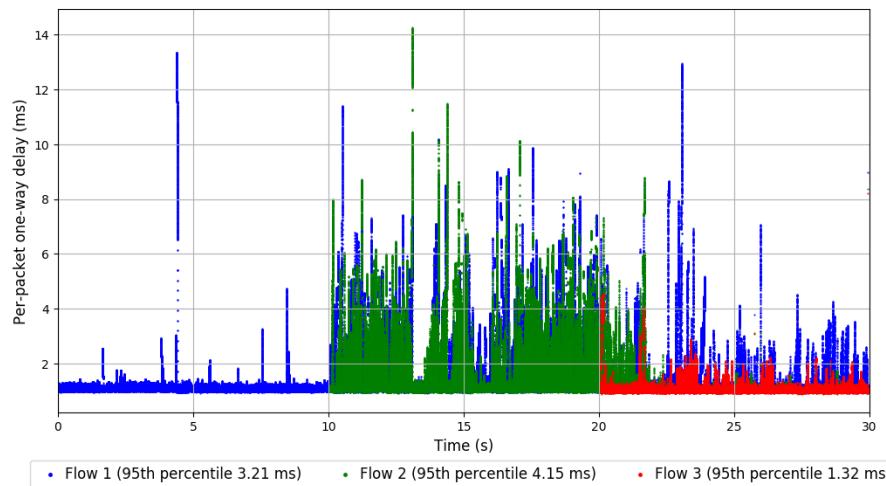
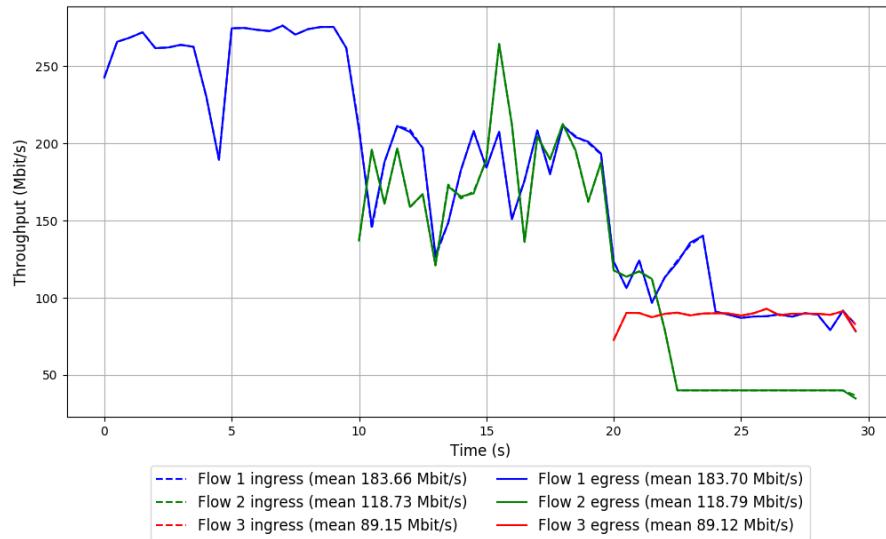


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 04:21:05 +0000
End at: Tue, 01 Aug 2017 04:21:35 +0000
Local clock offset: -0.178 ms
Remote clock offset: -1.103 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:16:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 292.21 Mbit/s
95th percentile per-packet one-way delay: 3.400 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 183.70 Mbit/s
95th percentile per-packet one-way delay: 3.210 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 118.79 Mbit/s
95th percentile per-packet one-way delay: 4.148 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.25%
```

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

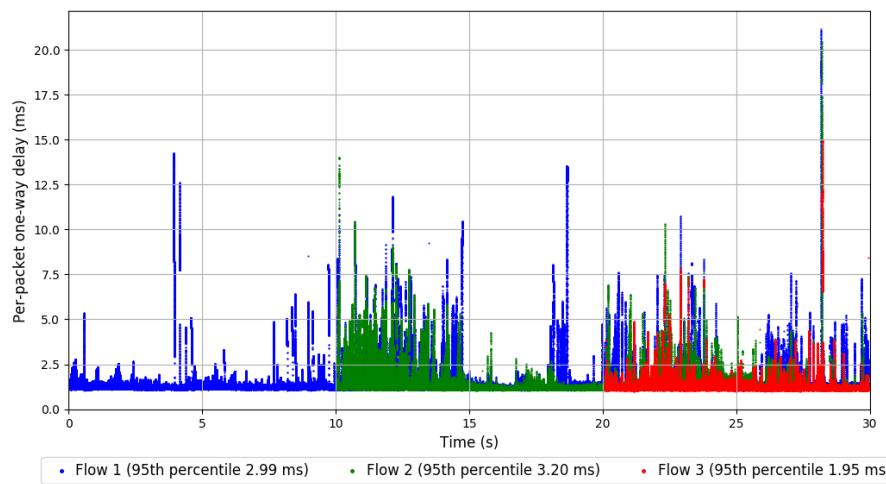
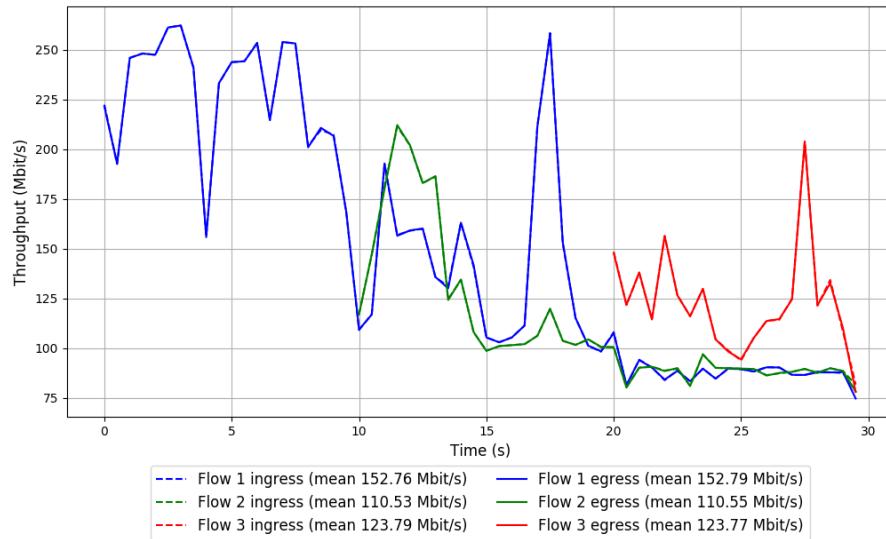


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 04:43:37 +0000
End at: Tue, 01 Aug 2017 04:44:07 +0000
Local clock offset: -0.196 ms
Remote clock offset: -0.979 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:17:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 267.24 Mbit/s
95th percentile per-packet one-way delay: 2.884 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 152.79 Mbit/s
95th percentile per-packet one-way delay: 2.993 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 110.55 Mbit/s
95th percentile per-packet one-way delay: 3.202 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 123.77 Mbit/s
95th percentile per-packet one-way delay: 1.948 ms
Loss rate: 0.16%
```

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

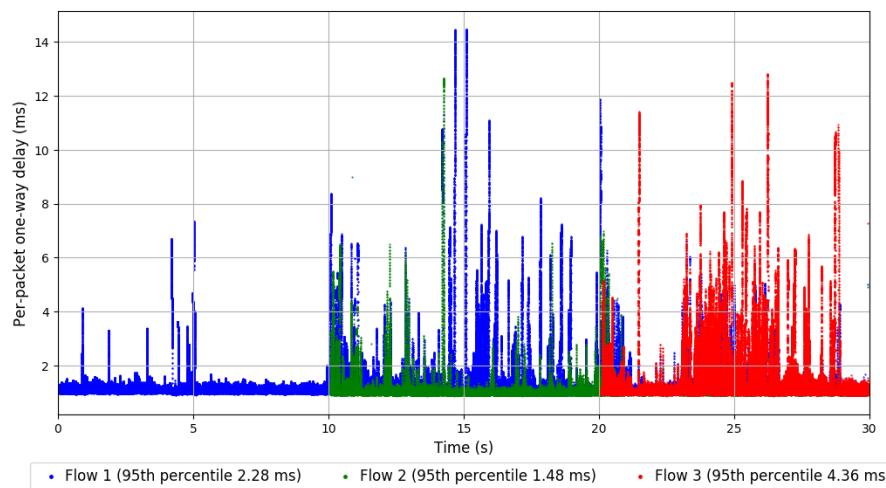
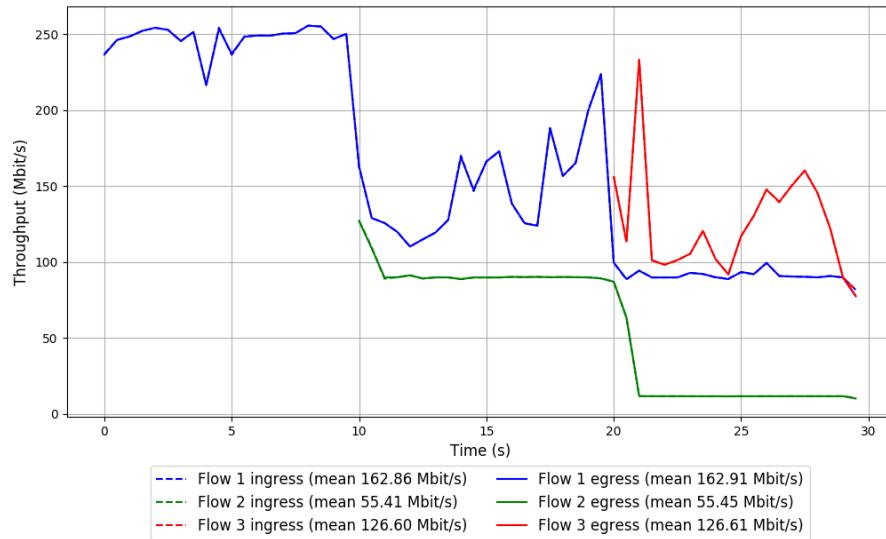


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 05:06:07 +0000
End at: Tue, 01 Aug 2017 05:06:37 +0000
Local clock offset: -0.305 ms
Remote clock offset: -1.186 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:17:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 241.57 Mbit/s
95th percentile per-packet one-way delay: 2.734 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 162.91 Mbit/s
95th percentile per-packet one-way delay: 2.279 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 55.45 Mbit/s
95th percentile per-packet one-way delay: 1.482 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 126.61 Mbit/s
95th percentile per-packet one-way delay: 4.357 ms
Loss rate: 0.17%
```

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

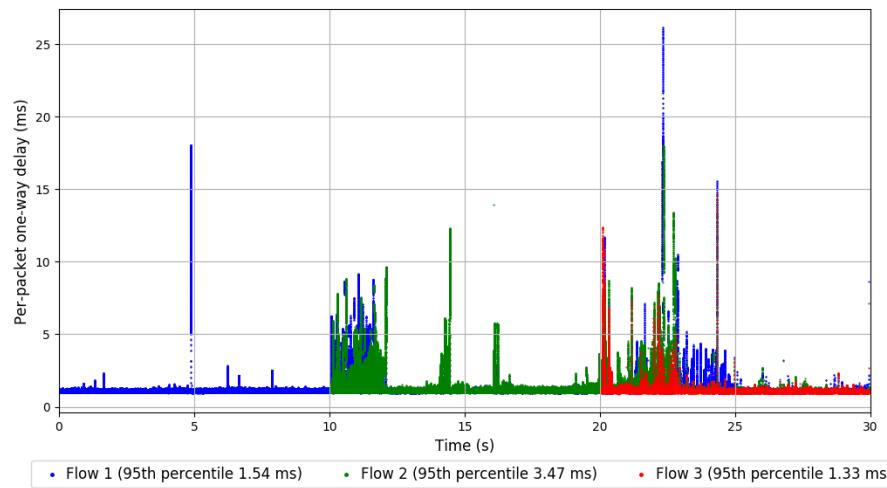
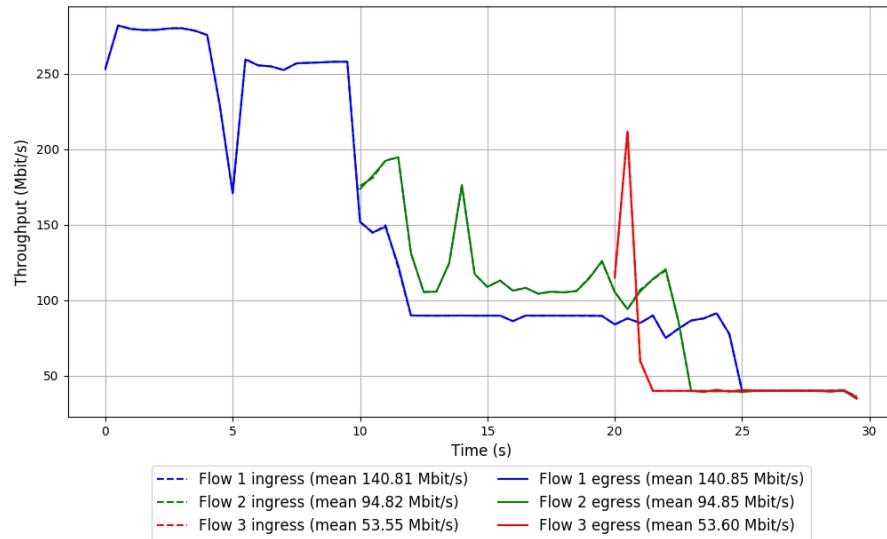


Run 7: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 05:28:39 +0000
End at: Tue, 01 Aug 2017 05:29:09 +0000
Local clock offset: -0.382 ms
Remote clock offset: -0.944 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:18:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 221.69 Mbit/s
95th percentile per-packet one-way delay: 2.204 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 140.85 Mbit/s
95th percentile per-packet one-way delay: 1.537 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 94.85 Mbit/s
95th percentile per-packet one-way delay: 3.474 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 53.60 Mbit/s
95th percentile per-packet one-way delay: 1.326 ms
Loss rate: 0.10%
```

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

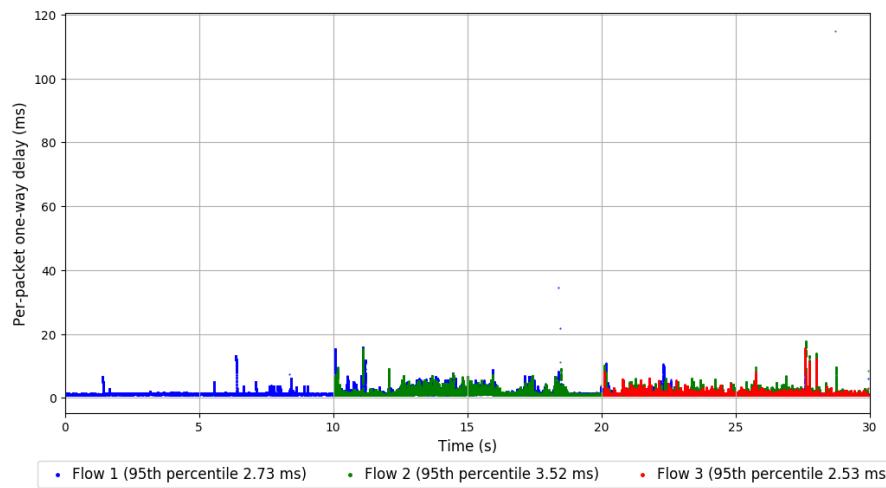
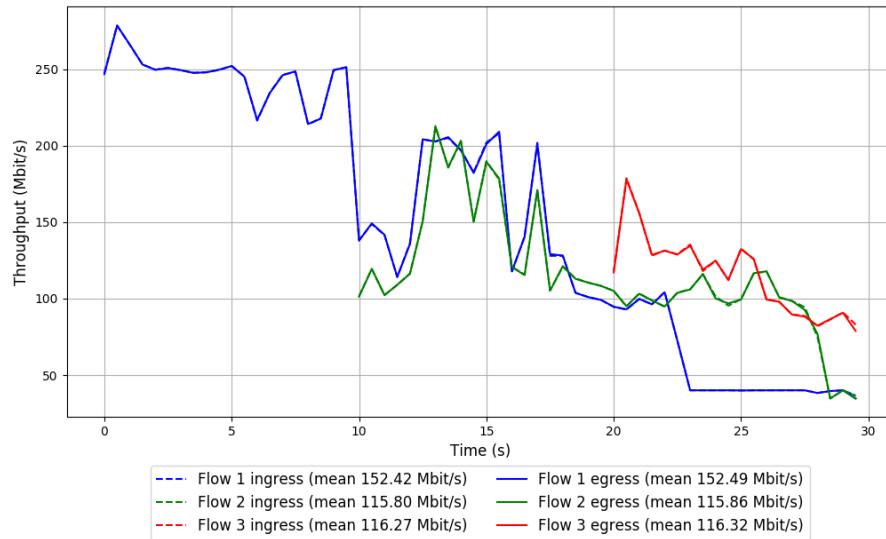


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 05:51:04 +0000
End at: Tue, 01 Aug 2017 05:51:34 +0000
Local clock offset: 0.035 ms
Remote clock offset: -0.484 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:18:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 268.01 Mbit/s
95th percentile per-packet one-way delay: 2.995 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 152.49 Mbit/s
95th percentile per-packet one-way delay: 2.730 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 115.86 Mbit/s
95th percentile per-packet one-way delay: 3.523 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 116.32 Mbit/s
95th percentile per-packet one-way delay: 2.526 ms
Loss rate: 0.22%
```

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

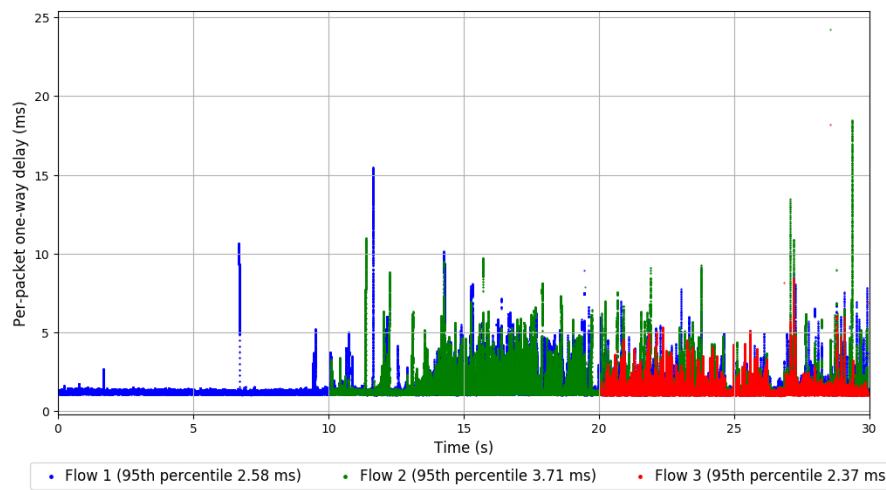
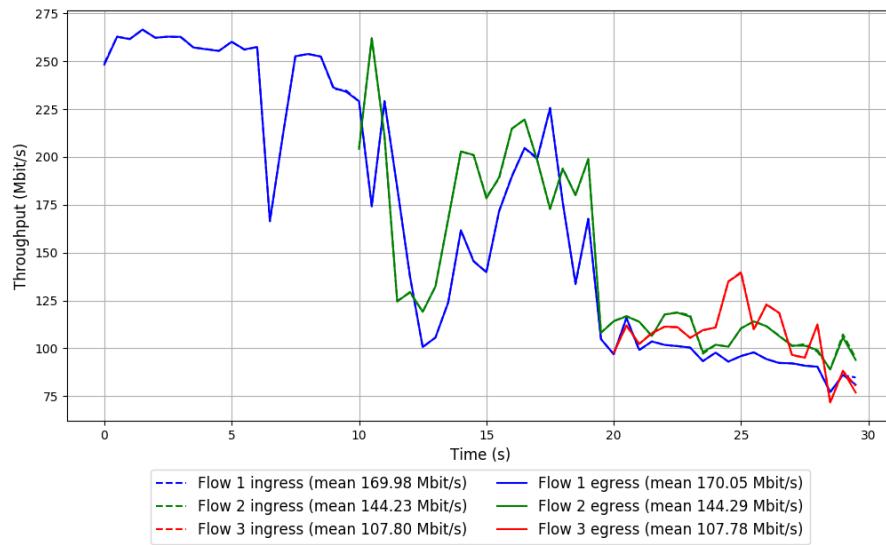


Run 9: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 06:13:33 +0000
End at: Tue, 01 Aug 2017 06:14:03 +0000
Local clock offset: 0.404 ms
Remote clock offset: -0.395 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:19:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 301.64 Mbit/s
95th percentile per-packet one-way delay: 2.966 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 170.05 Mbit/s
95th percentile per-packet one-way delay: 2.580 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 144.29 Mbit/s
95th percentile per-packet one-way delay: 3.713 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 107.78 Mbit/s
95th percentile per-packet one-way delay: 2.368 ms
Loss rate: 0.17%
```

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

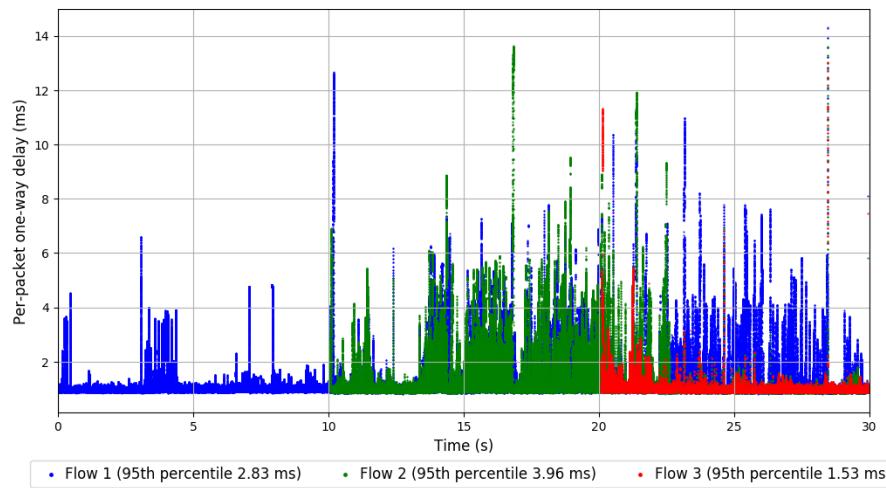
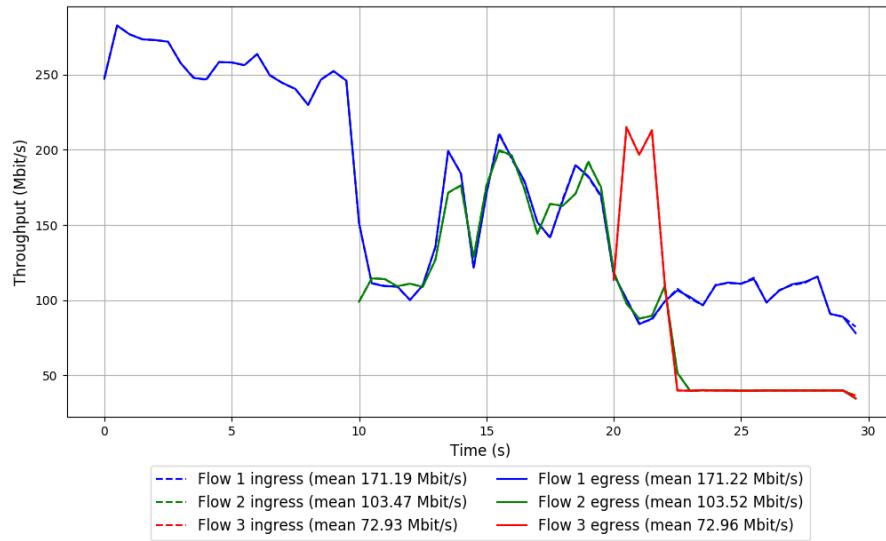


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 06:36:11 +0000
End at: Tue, 01 Aug 2017 06:36:41 +0000
Local clock offset: 0.556 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:19:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 264.20 Mbit/s
95th percentile per-packet one-way delay: 3.061 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 171.22 Mbit/s
95th percentile per-packet one-way delay: 2.826 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 103.52 Mbit/s
95th percentile per-packet one-way delay: 3.959 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 72.96 Mbit/s
95th percentile per-packet one-way delay: 1.527 ms
Loss rate: 0.13%
```

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

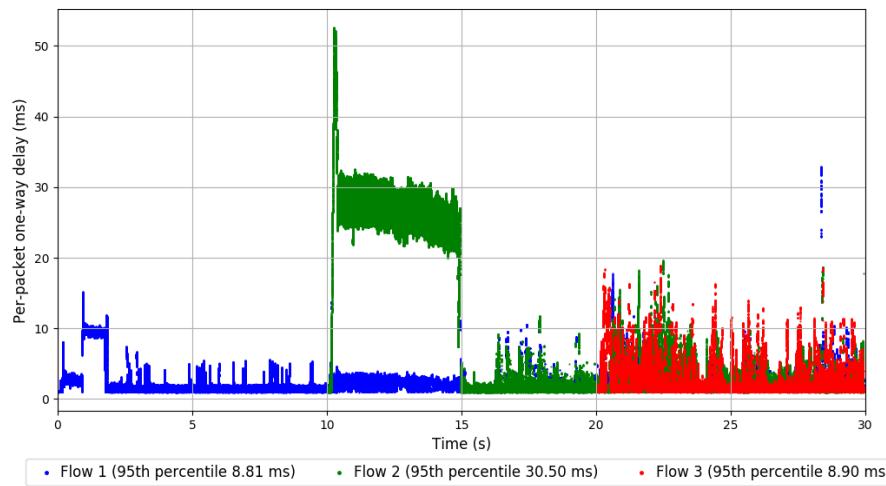
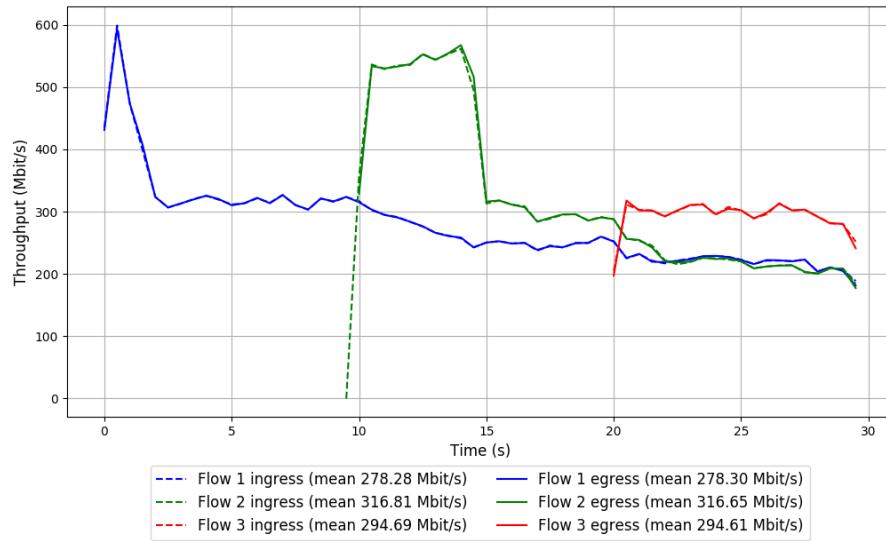


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:23:43 +0000
End at: Tue, 01 Aug 2017 03:24:13 +0000
Local clock offset: -0.11 ms
Remote clock offset: -0.946 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:20:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 586.55 Mbit/s
95th percentile per-packet one-way delay: 29.129 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 278.30 Mbit/s
95th percentile per-packet one-way delay: 8.808 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 316.65 Mbit/s
95th percentile per-packet one-way delay: 30.498 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 294.61 Mbit/s
95th percentile per-packet one-way delay: 8.898 ms
Loss rate: 0.20%
```

Run 1: Report of TCP Vegas — Data Link

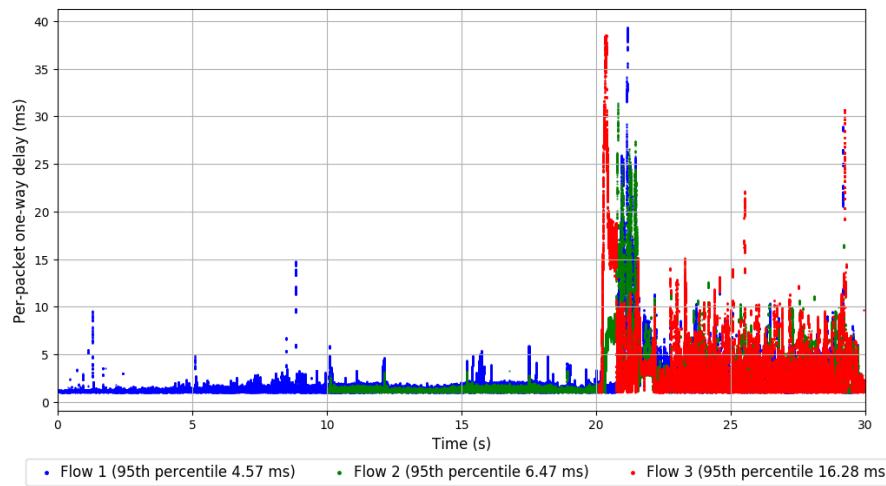
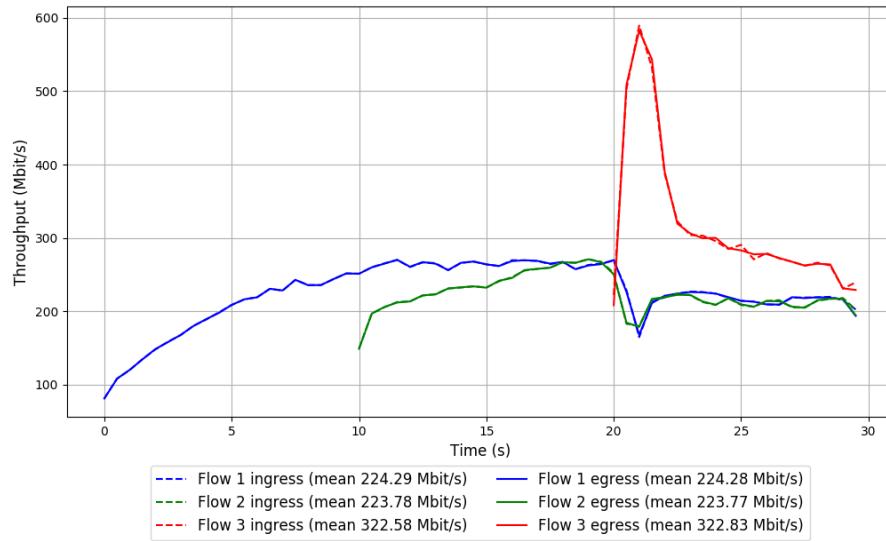


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:46:11 +0000
End at: Tue, 01 Aug 2017 03:46:41 +0000
Local clock offset: -0.059 ms
Remote clock offset: -0.968 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:20:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 479.63 Mbit/s
95th percentile per-packet one-way delay: 7.742 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 224.28 Mbit/s
95th percentile per-packet one-way delay: 4.574 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 223.77 Mbit/s
95th percentile per-packet one-way delay: 6.467 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 322.83 Mbit/s
95th percentile per-packet one-way delay: 16.279 ms
Loss rate: 0.17%
```

Run 2: Report of TCP Vegas — Data Link

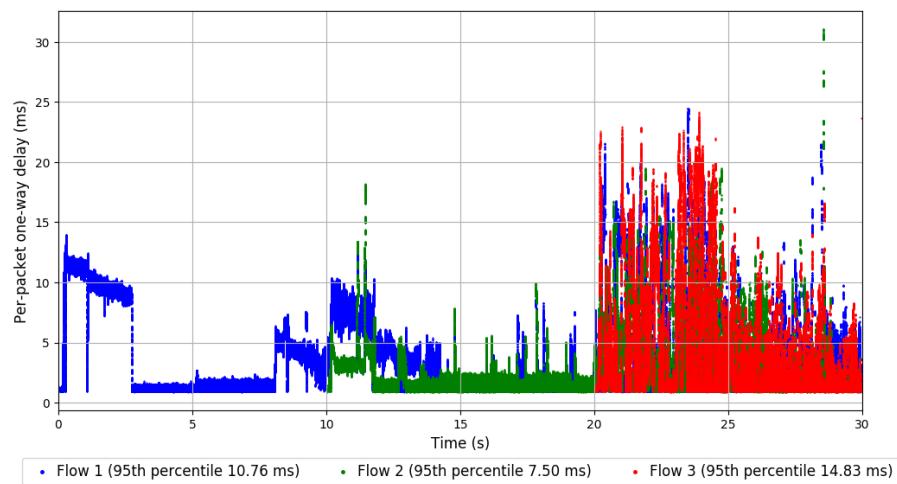
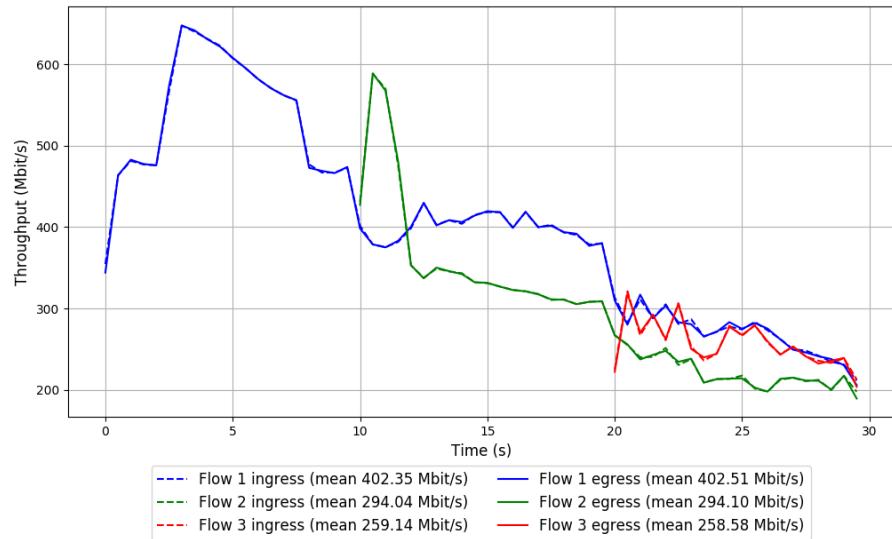


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:08:51 +0000
End at: Tue, 01 Aug 2017 04:09:21 +0000
Local clock offset: -0.149 ms
Remote clock offset: -1.126 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:22:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 683.81 Mbit/s
95th percentile per-packet one-way delay: 10.685 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 402.51 Mbit/s
95th percentile per-packet one-way delay: 10.760 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 294.10 Mbit/s
95th percentile per-packet one-way delay: 7.495 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 258.58 Mbit/s
95th percentile per-packet one-way delay: 14.828 ms
Loss rate: 0.20%
```

Run 3: Report of TCP Vegas — Data Link

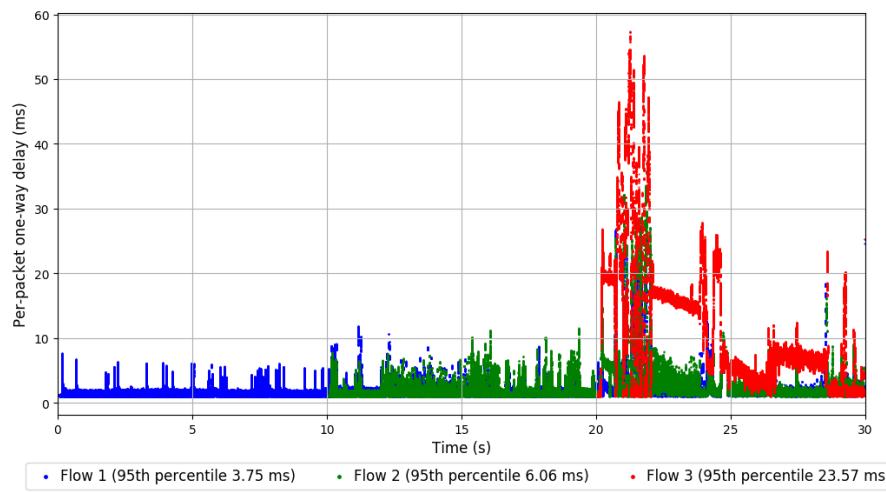
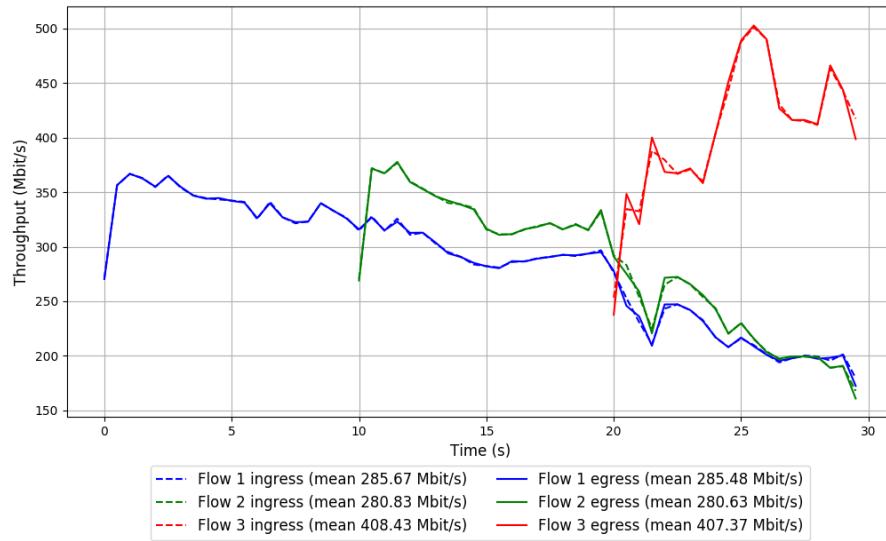


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:31:35 +0000
End at: Tue, 01 Aug 2017 04:32:05 +0000
Local clock offset: -0.233 ms
Remote clock offset: -1.113 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:22:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 607.42 Mbit/s
95th percentile per-packet one-way delay: 16.241 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 285.48 Mbit/s
95th percentile per-packet one-way delay: 3.747 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 280.63 Mbit/s
95th percentile per-packet one-way delay: 6.060 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 407.37 Mbit/s
95th percentile per-packet one-way delay: 23.566 ms
Loss rate: 0.24%
```

Run 4: Report of TCP Vegas — Data Link

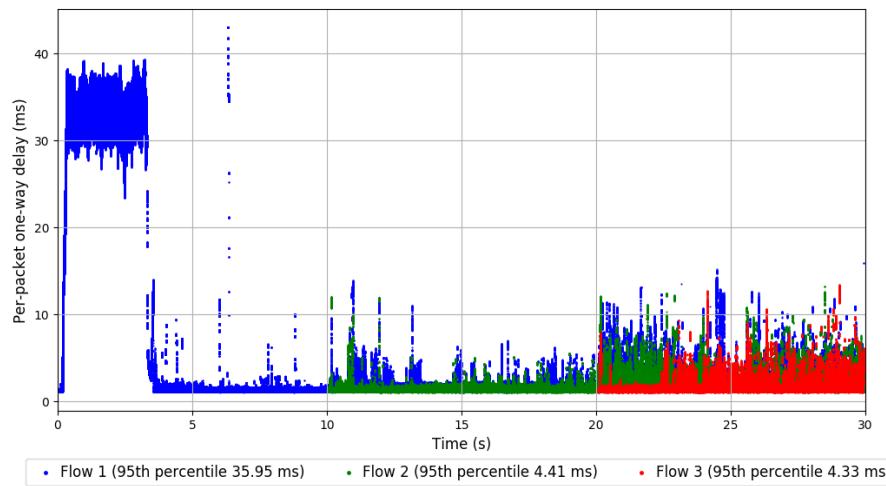
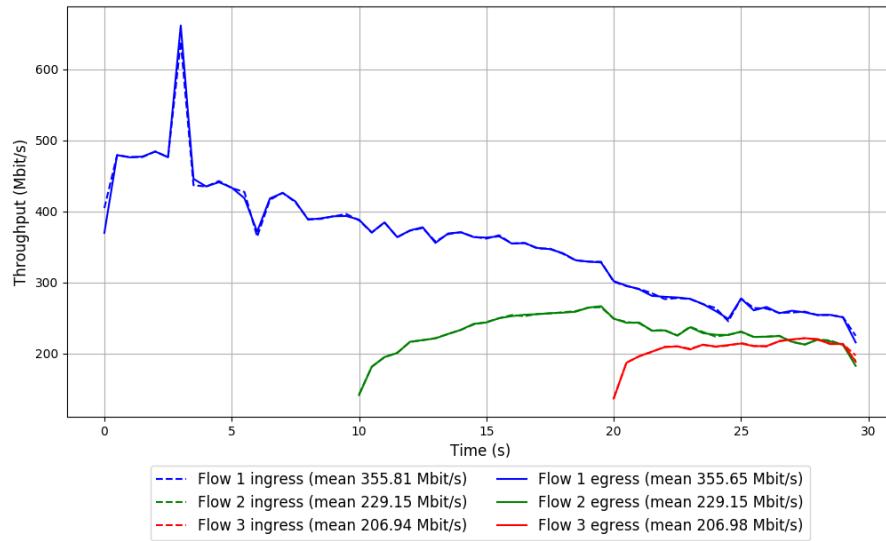


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:53:58 +0000
End at: Tue, 01 Aug 2017 04:54:28 +0000
Local clock offset: -0.189 ms
Remote clock offset: -1.096 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:23:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 576.72 Mbit/s
95th percentile per-packet one-way delay: 34.755 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 355.65 Mbit/s
95th percentile per-packet one-way delay: 35.953 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 229.15 Mbit/s
95th percentile per-packet one-way delay: 4.413 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 206.98 Mbit/s
95th percentile per-packet one-way delay: 4.328 ms
Loss rate: 0.23%
```

Run 5: Report of TCP Vegas — Data Link

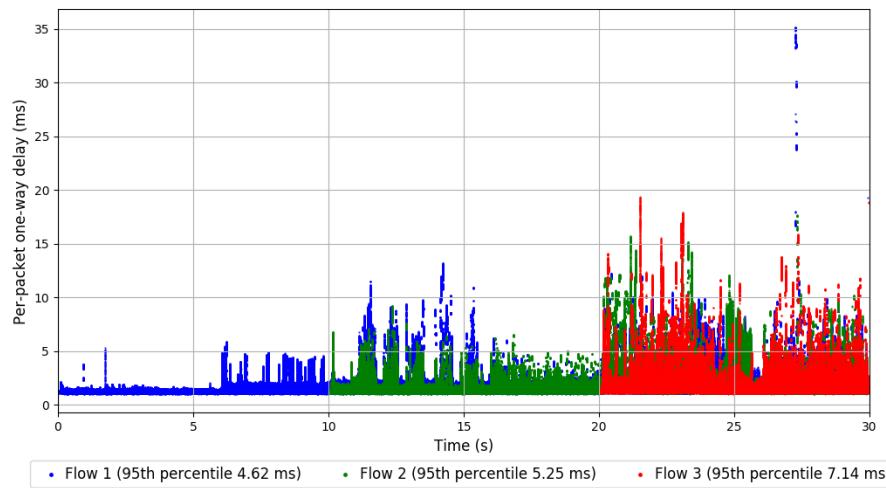
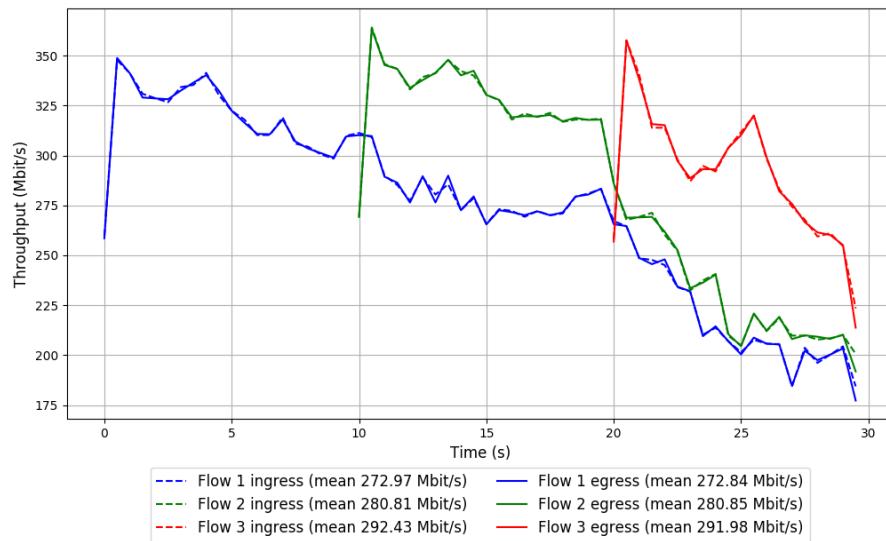


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 05:16:38 +0000
End at: Tue, 01 Aug 2017 05:17:08 +0000
Local clock offset: -0.25 ms
Remote clock offset: -1.106 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:23:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 556.58 Mbit/s
95th percentile per-packet one-way delay: 5.370 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 272.84 Mbit/s
95th percentile per-packet one-way delay: 4.625 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 280.85 Mbit/s
95th percentile per-packet one-way delay: 5.245 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 291.98 Mbit/s
95th percentile per-packet one-way delay: 7.138 ms
Loss rate: 0.17%
```

Run 6: Report of TCP Vegas — Data Link

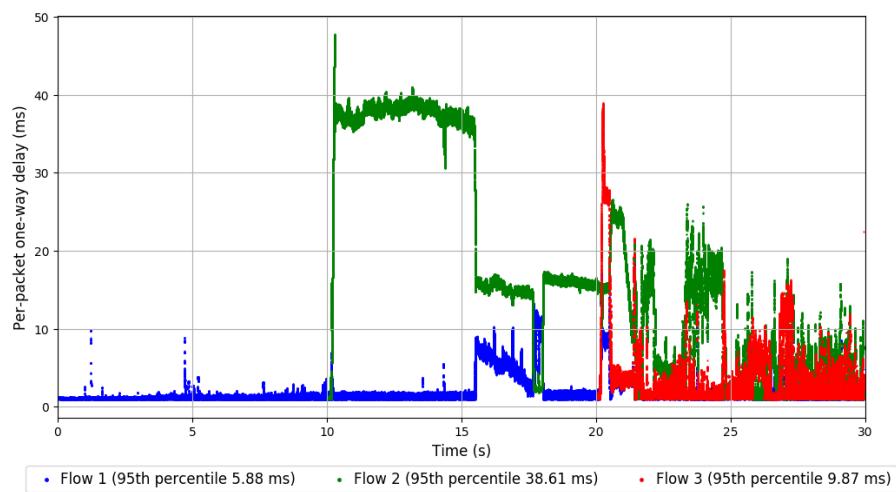
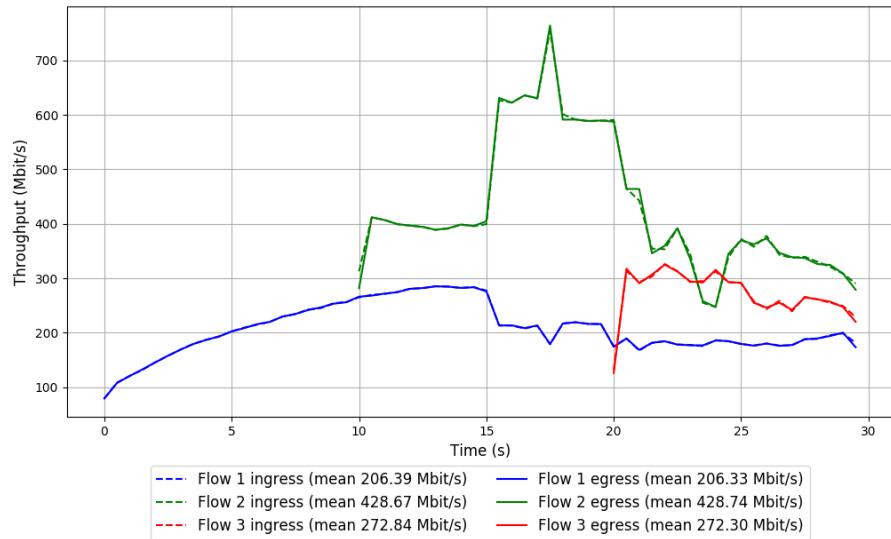


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 05:39:02 +0000
End at: Tue, 01 Aug 2017 05:39:32 +0000
Local clock offset: -0.243 ms
Remote clock offset: -0.753 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:24:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 581.65 Mbit/s
95th percentile per-packet one-way delay: 38.081 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 206.33 Mbit/s
95th percentile per-packet one-way delay: 5.883 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 428.74 Mbit/s
95th percentile per-packet one-way delay: 38.607 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 272.30 Mbit/s
95th percentile per-packet one-way delay: 9.874 ms
Loss rate: 0.20%
```

Run 7: Report of TCP Vegas — Data Link

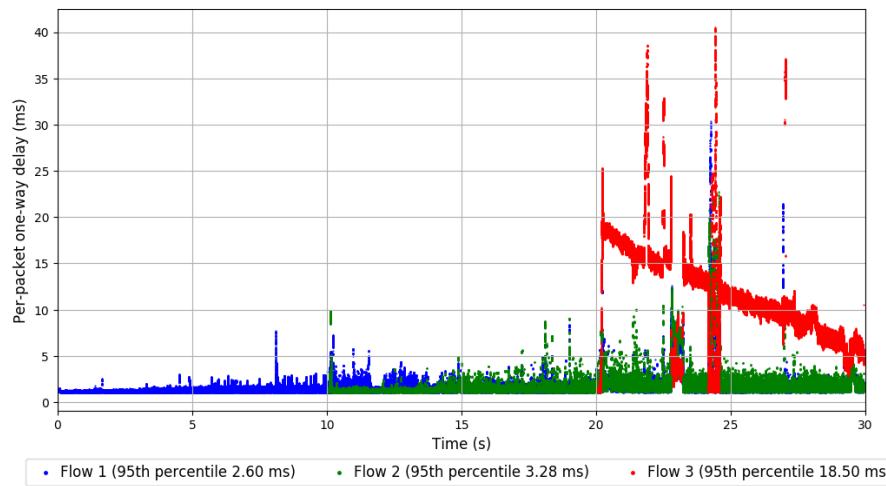
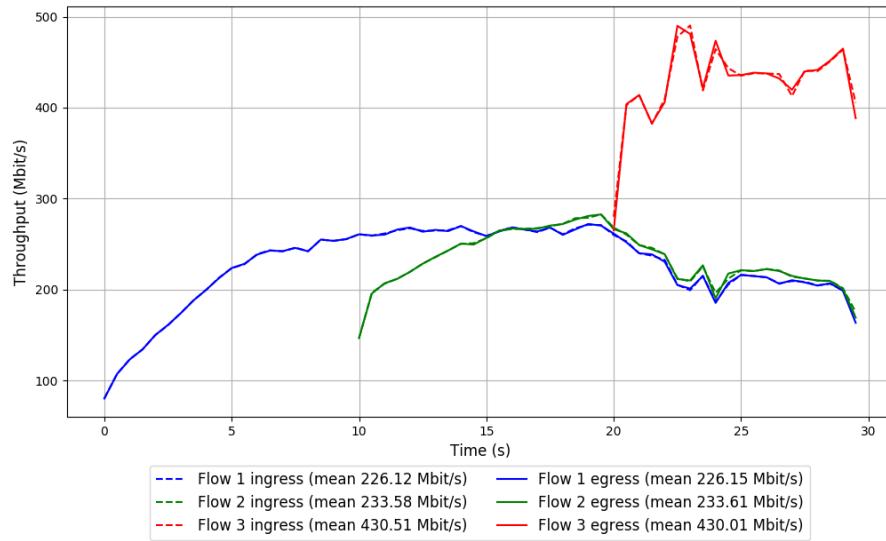


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 06:01:31 +0000
End at: Tue, 01 Aug 2017 06:02:01 +0000
Local clock offset: 0.23 ms
Remote clock offset: -0.406 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:24:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 523.95 Mbit/s
95th percentile per-packet one-way delay: 15.699 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 226.15 Mbit/s
95th percentile per-packet one-way delay: 2.599 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 233.61 Mbit/s
95th percentile per-packet one-way delay: 3.276 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 430.01 Mbit/s
95th percentile per-packet one-way delay: 18.500 ms
Loss rate: 0.26%
```

Run 8: Report of TCP Vegas — Data Link

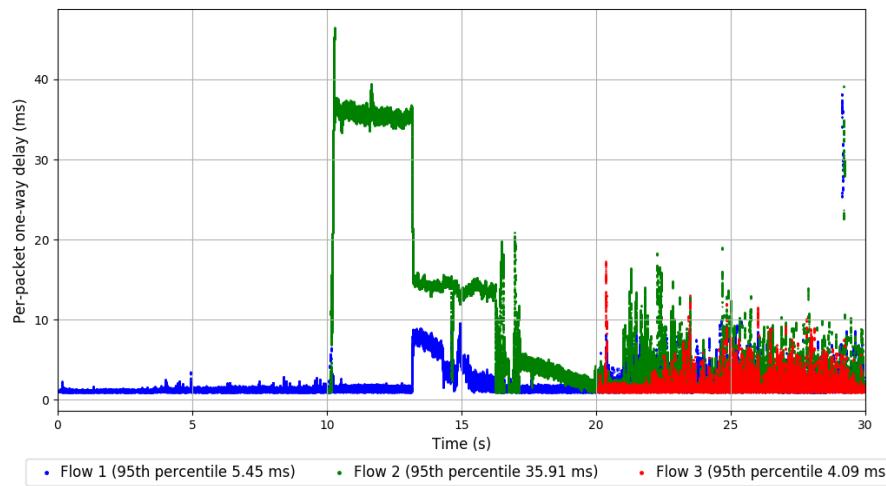
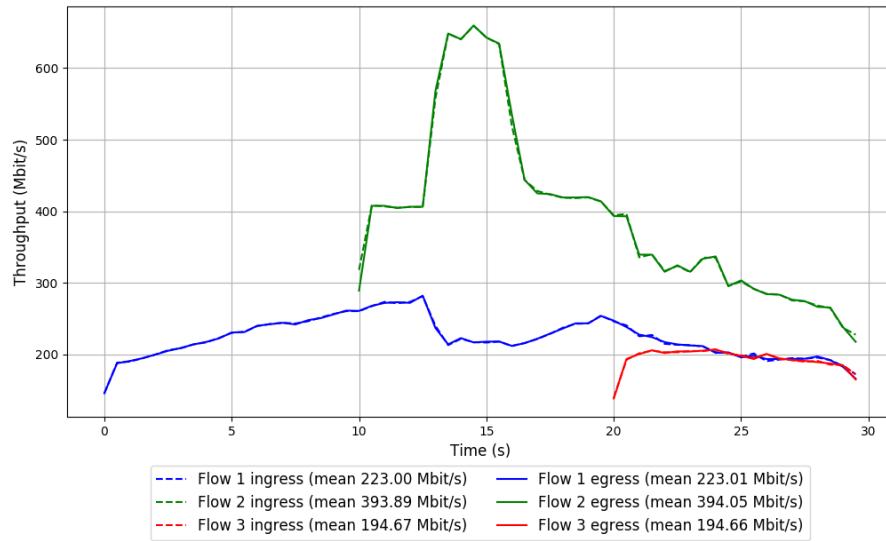


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 06:24:07 +0000
End at: Tue, 01 Aug 2017 06:24:37 +0000
Local clock offset: 0.432 ms
Remote clock offset: -0.322 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:25:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 549.82 Mbit/s
95th percentile per-packet one-way delay: 35.275 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 223.01 Mbit/s
95th percentile per-packet one-way delay: 5.449 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 394.05 Mbit/s
95th percentile per-packet one-way delay: 35.907 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 194.66 Mbit/s
95th percentile per-packet one-way delay: 4.095 ms
Loss rate: 0.19%
```

Run 9: Report of TCP Vegas — Data Link

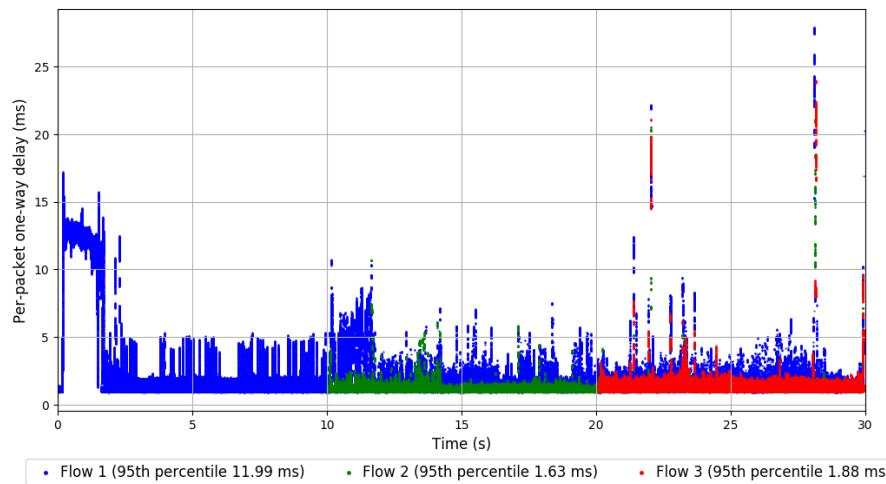
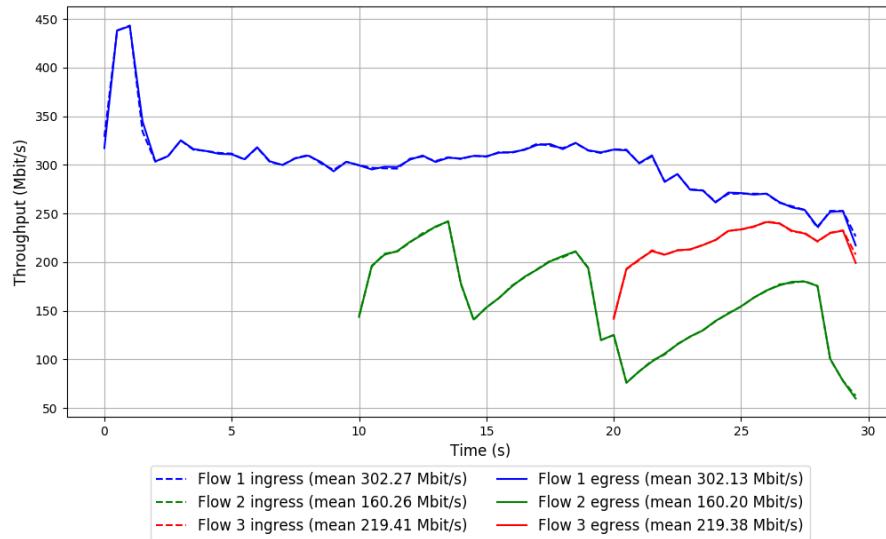


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 06:46:38 +0000
End at: Tue, 01 Aug 2017 06:47:08 +0000
Local clock offset: 0.666 ms
Remote clock offset: -0.104 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:25:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 481.41 Mbit/s
95th percentile per-packet one-way delay: 6.810 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 302.13 Mbit/s
95th percentile per-packet one-way delay: 11.989 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 160.20 Mbit/s
95th percentile per-packet one-way delay: 1.626 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 219.38 Mbit/s
95th percentile per-packet one-way delay: 1.879 ms
Loss rate: 0.22%
```

Run 10: Report of TCP Vegas — Data Link

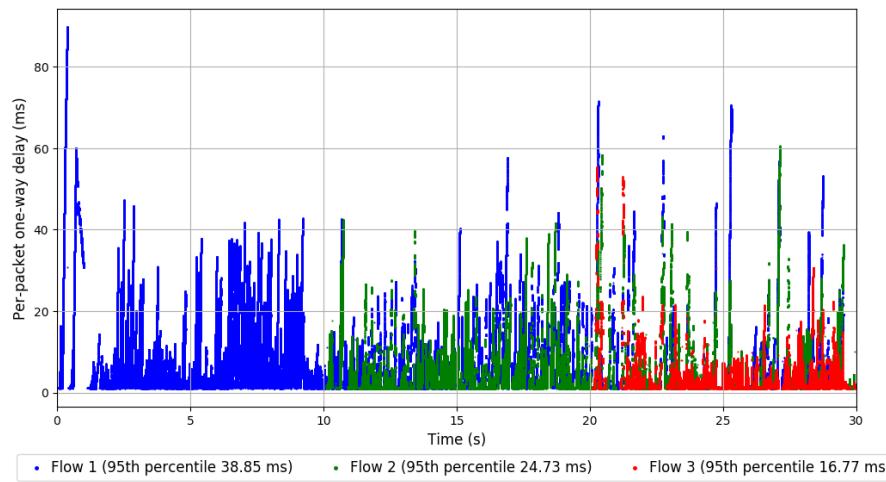
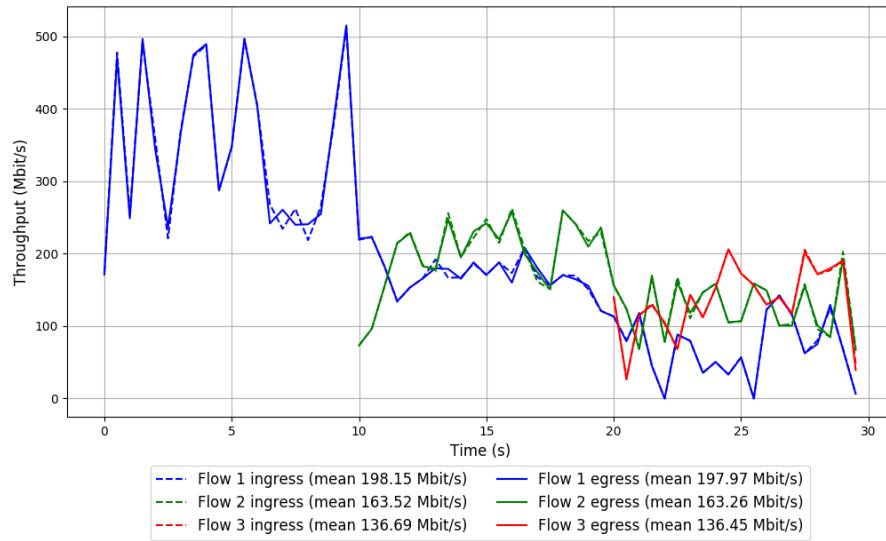


Run 1: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:25:23 +0000
End at: Tue, 01 Aug 2017 03:25:53 +0000
Local clock offset: -0.011 ms
Remote clock offset: -0.931 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:26:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 351.32 Mbit/s
95th percentile per-packet one-way delay: 33.372 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 197.97 Mbit/s
95th percentile per-packet one-way delay: 38.853 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 163.26 Mbit/s
95th percentile per-packet one-way delay: 24.734 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 136.45 Mbit/s
95th percentile per-packet one-way delay: 16.766 ms
Loss rate: 0.37%
```

Run 1: Report of Verus — Data Link

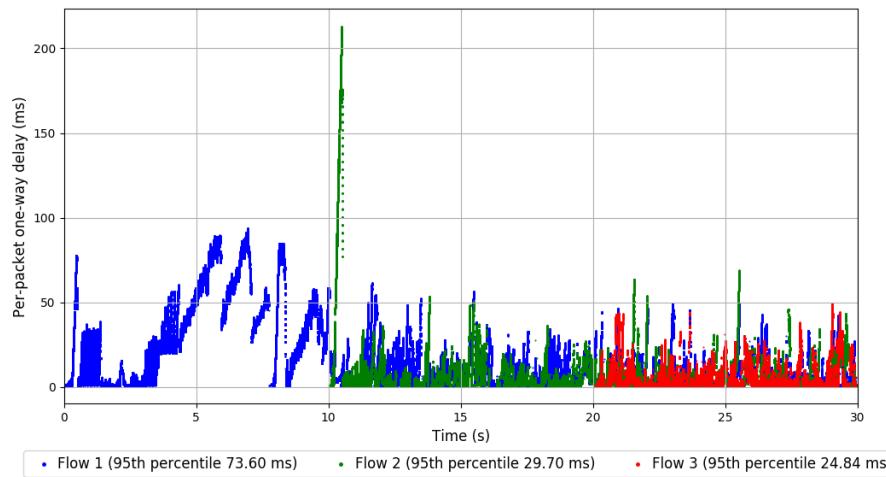
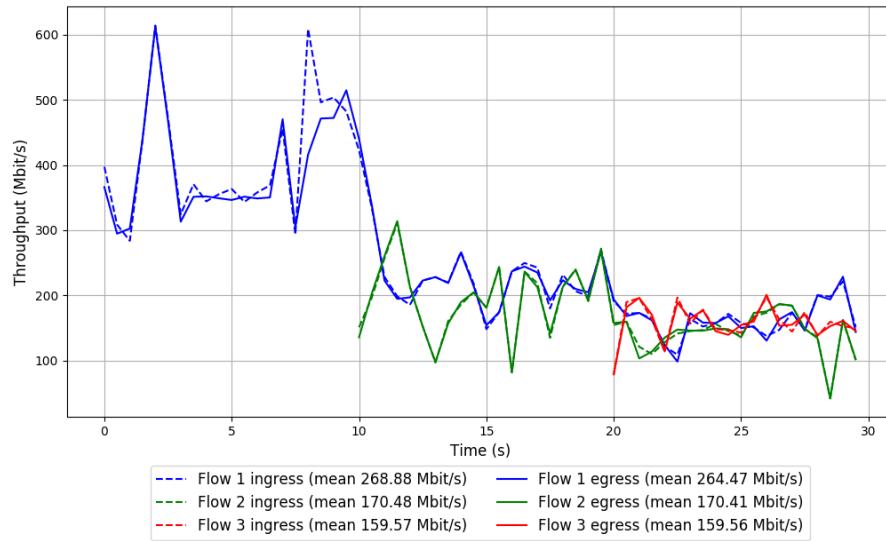


Run 2: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:47:45 +0000
End at: Tue, 01 Aug 2017 03:48:15 +0000
Local clock offset: -0.165 ms
Remote clock offset: -0.925 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:26:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 430.46 Mbit/s
95th percentile per-packet one-way delay: 62.213 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 264.47 Mbit/s
95th percentile per-packet one-way delay: 73.604 ms
Loss rate: 1.68%
-- Flow 2:
Average throughput: 170.41 Mbit/s
95th percentile per-packet one-way delay: 29.705 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 159.56 Mbit/s
95th percentile per-packet one-way delay: 24.837 ms
Loss rate: 0.17%
```

Run 2: Report of Verus — Data Link

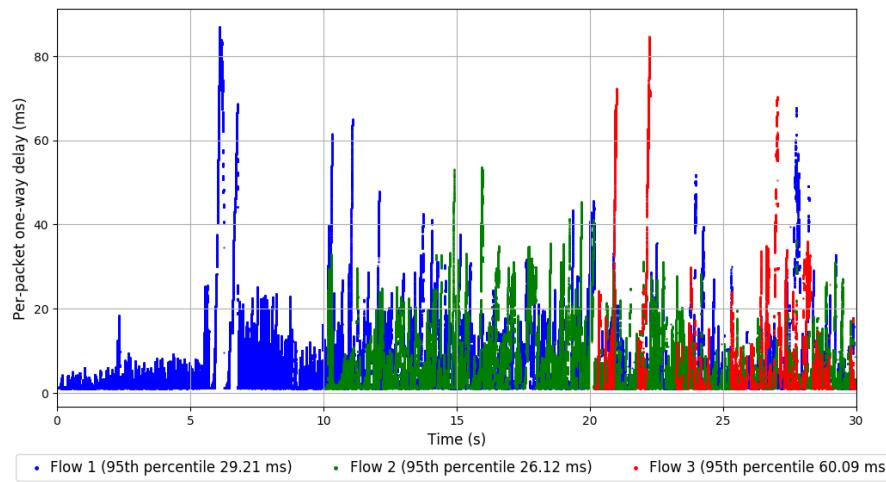
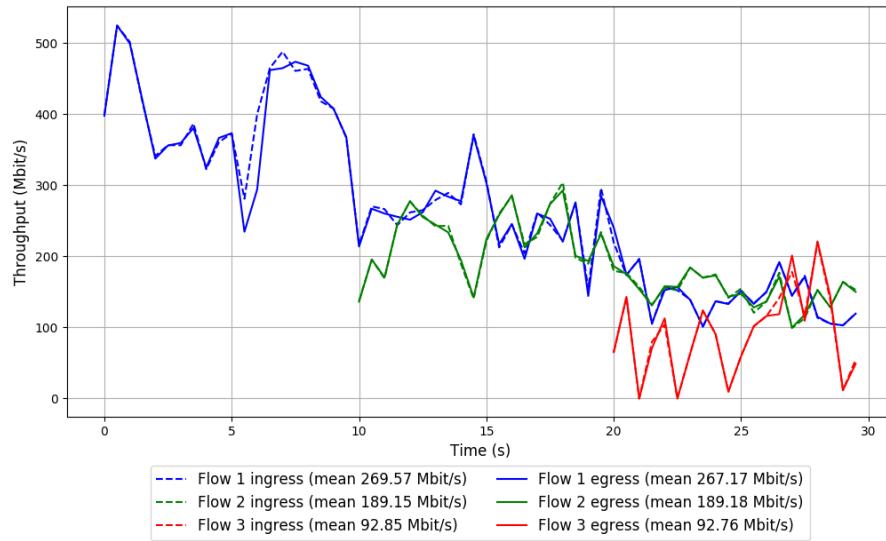


Run 3: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 04:10:35 +0000
End at: Tue, 01 Aug 2017 04:11:05 +0000
Local clock offset: -0.055 ms
Remote clock offset: -1.192 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:26:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 423.09 Mbit/s
95th percentile per-packet one-way delay: 29.198 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 267.17 Mbit/s
95th percentile per-packet one-way delay: 29.210 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 189.18 Mbit/s
95th percentile per-packet one-way delay: 26.121 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 92.76 Mbit/s
95th percentile per-packet one-way delay: 60.086 ms
Loss rate: 0.32%
```

Run 3: Report of Verus — Data Link

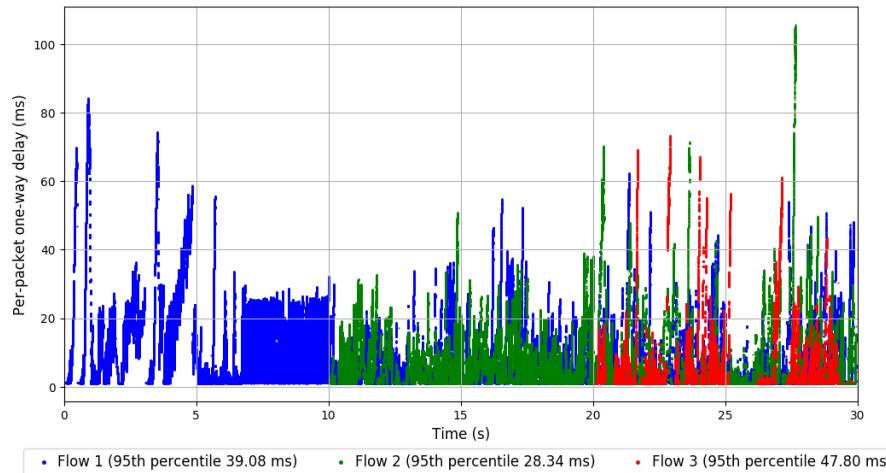
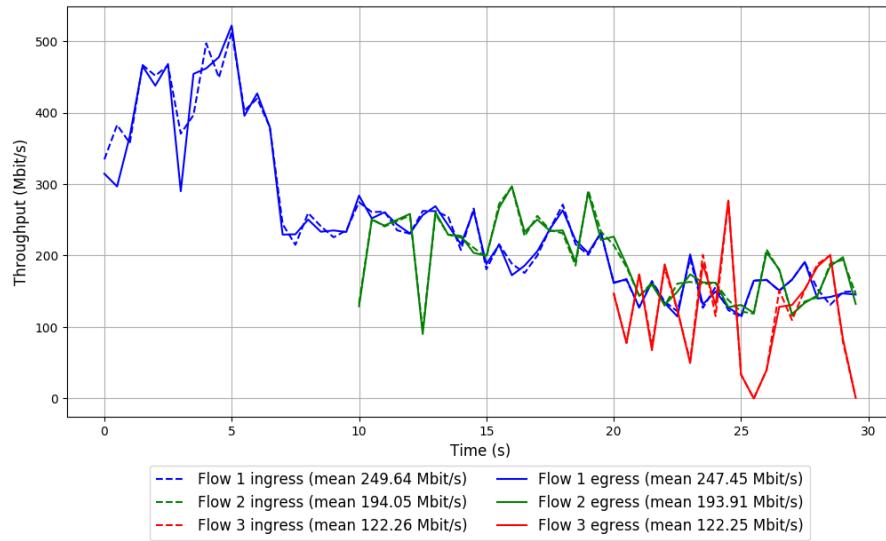


Run 4: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 04:33:15 +0000
End at: Tue, 01 Aug 2017 04:33:45 +0000
Local clock offset: -0.242 ms
Remote clock offset: -1.079 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:27:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 416.24 Mbit/s
95th percentile per-packet one-way delay: 35.721 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 247.45 Mbit/s
95th percentile per-packet one-way delay: 39.081 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 193.91 Mbit/s
95th percentile per-packet one-way delay: 28.344 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 122.25 Mbit/s
95th percentile per-packet one-way delay: 47.797 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

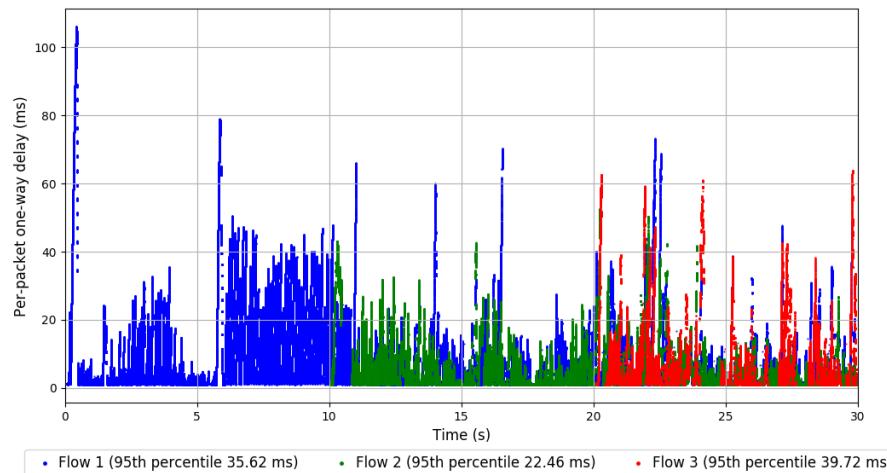
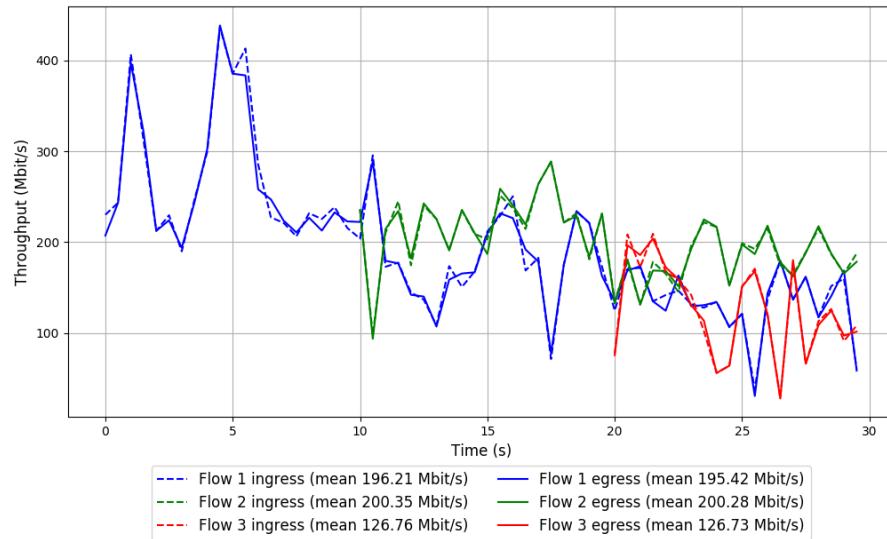


Run 5: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 04:55:37 +0000
End at: Tue, 01 Aug 2017 04:56:07 +0000
Local clock offset: -0.222 ms
Remote clock offset: -1.021 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:27:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 370.51 Mbit/s
95th percentile per-packet one-way delay: 32.213 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 195.42 Mbit/s
95th percentile per-packet one-way delay: 35.616 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 200.28 Mbit/s
95th percentile per-packet one-way delay: 22.460 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 126.73 Mbit/s
95th percentile per-packet one-way delay: 39.722 ms
Loss rate: 0.27%
```

Run 5: Report of Verus — Data Link

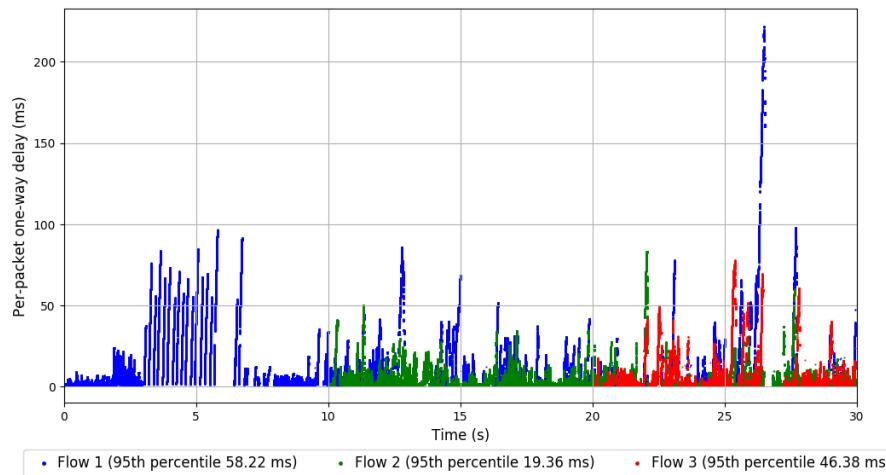
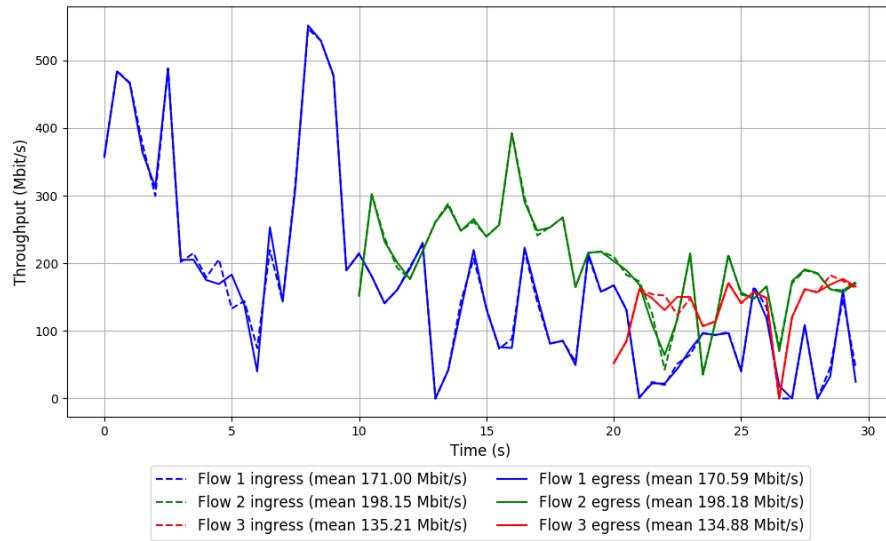


Run 6: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 05:18:16 +0000
End at: Tue, 01 Aug 2017 05:18:46 +0000
Local clock offset: -0.264 ms
Remote clock offset: -1.103 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:28:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 346.94 Mbit/s
95th percentile per-packet one-way delay: 46.844 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 170.59 Mbit/s
95th percentile per-packet one-way delay: 58.221 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 198.18 Mbit/s
95th percentile per-packet one-way delay: 19.356 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 134.88 Mbit/s
95th percentile per-packet one-way delay: 46.376 ms
Loss rate: 0.32%
```

Run 6: Report of Verus — Data Link

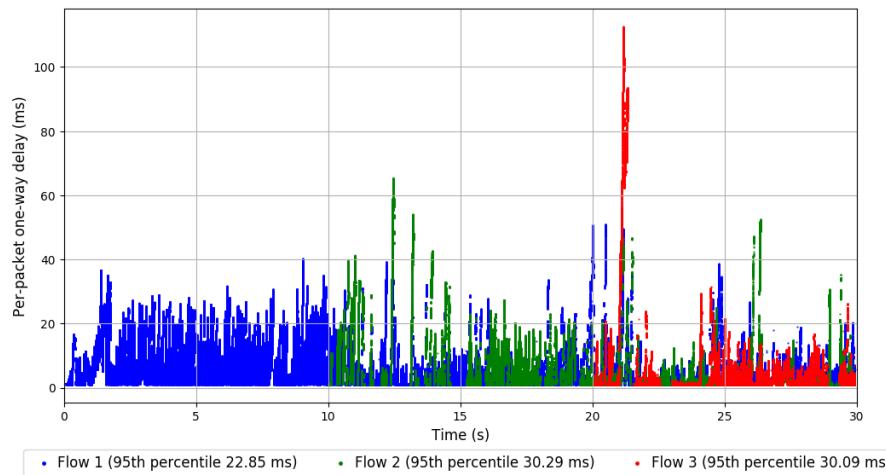
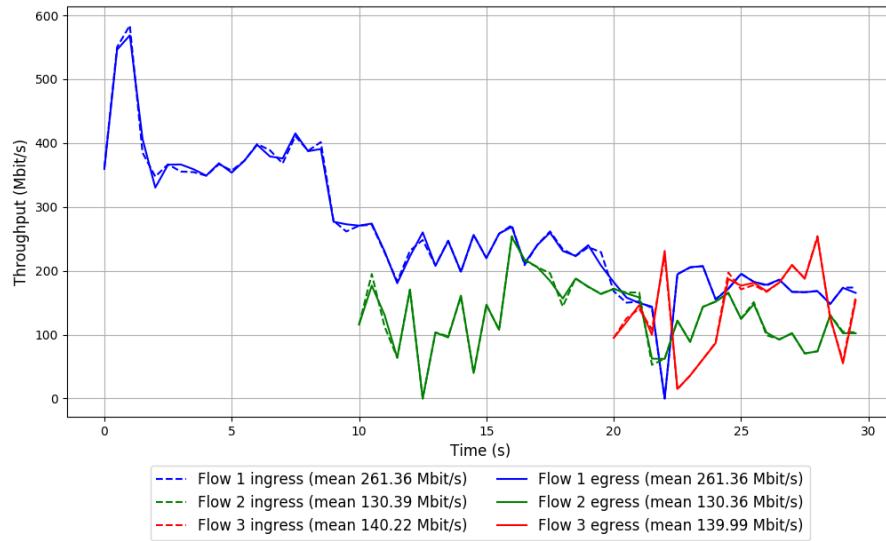


Run 7: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 05:40:41 +0000
End at: Tue, 01 Aug 2017 05:41:11 +0000
Local clock offset: -0.126 ms
Remote clock offset: -0.675 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:28:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 394.42 Mbit/s
95th percentile per-packet one-way delay: 23.876 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 261.36 Mbit/s
95th percentile per-packet one-way delay: 22.848 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 130.36 Mbit/s
95th percentile per-packet one-way delay: 30.291 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 139.99 Mbit/s
95th percentile per-packet one-way delay: 30.092 ms
Loss rate: 0.35%
```

Run 7: Report of Verus — Data Link

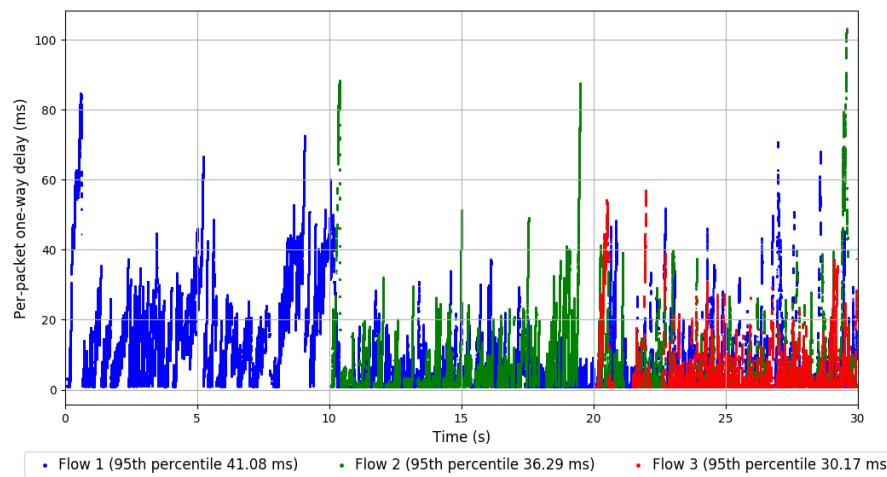
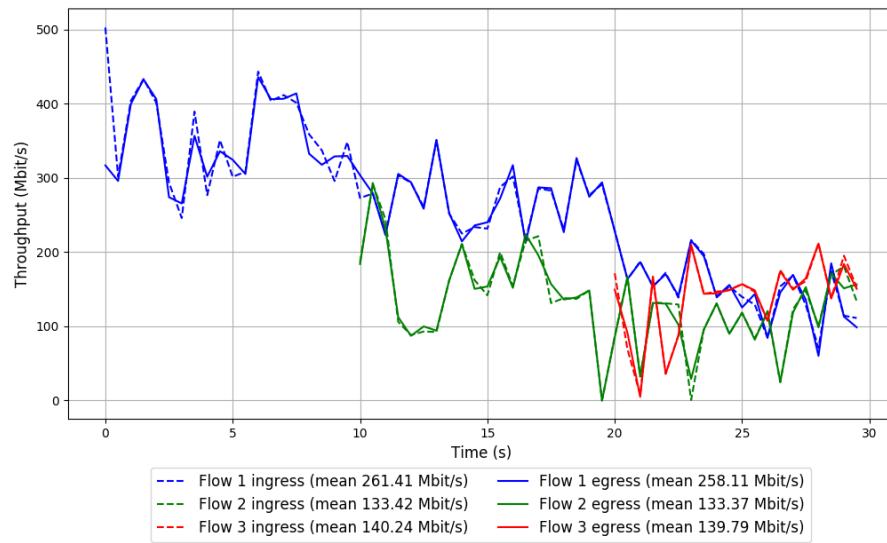


Run 8: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 06:03:08 +0000
End at: Tue, 01 Aug 2017 06:03:38 +0000
Local clock offset: 0.149 ms
Remote clock offset: -0.36 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:28:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 393.08 Mbit/s
95th percentile per-packet one-way delay: 39.676 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 258.11 Mbit/s
95th percentile per-packet one-way delay: 41.082 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 133.37 Mbit/s
95th percentile per-packet one-way delay: 36.289 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 139.79 Mbit/s
95th percentile per-packet one-way delay: 30.168 ms
Loss rate: 0.48%
```

Run 8: Report of Verus — Data Link

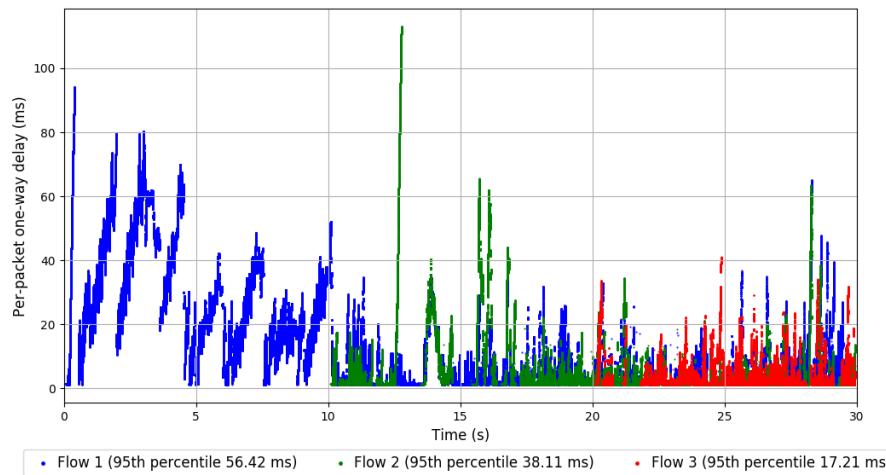
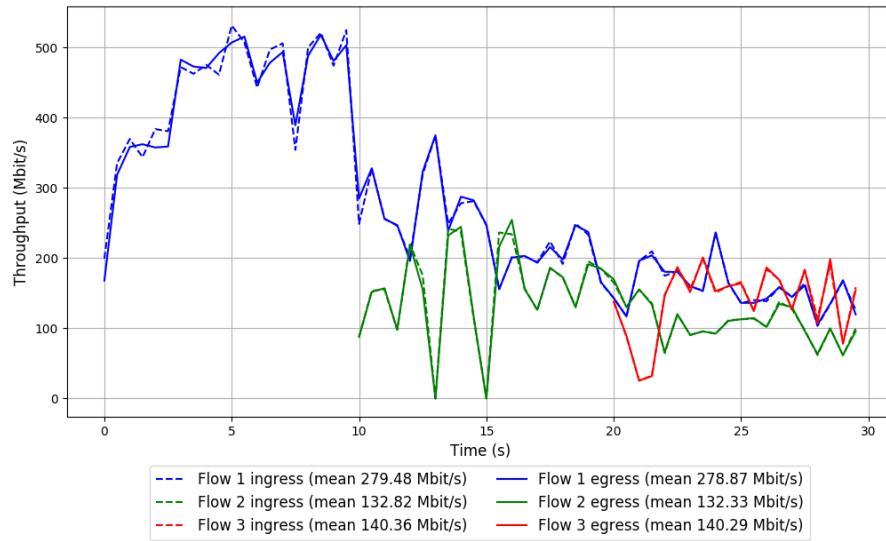


Run 9: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 06:25:45 +0000
End at: Tue, 01 Aug 2017 06:26:15 +0000
Local clock offset: 0.541 ms
Remote clock offset: -0.353 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 413.05 Mbit/s
95th percentile per-packet one-way delay: 51.484 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 278.87 Mbit/s
95th percentile per-packet one-way delay: 56.423 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 132.33 Mbit/s
95th percentile per-packet one-way delay: 38.107 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 140.29 Mbit/s
95th percentile per-packet one-way delay: 17.215 ms
Loss rate: 0.18%
```

Run 9: Report of Verus — Data Link

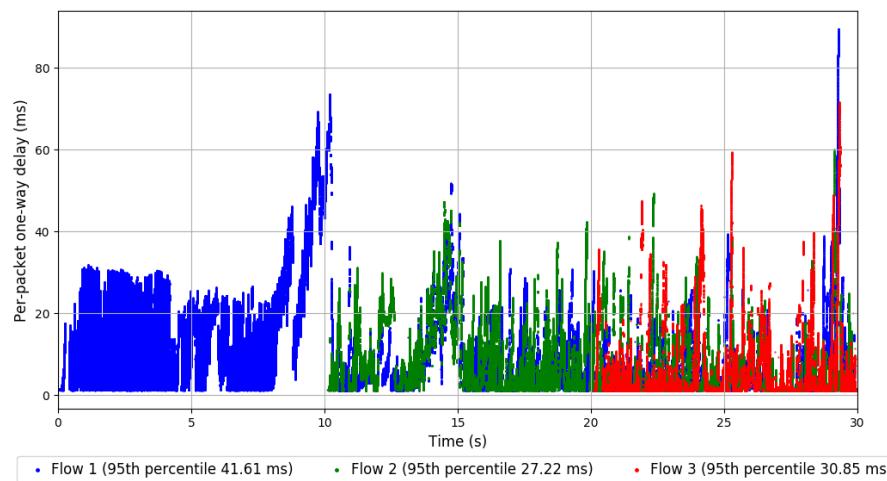
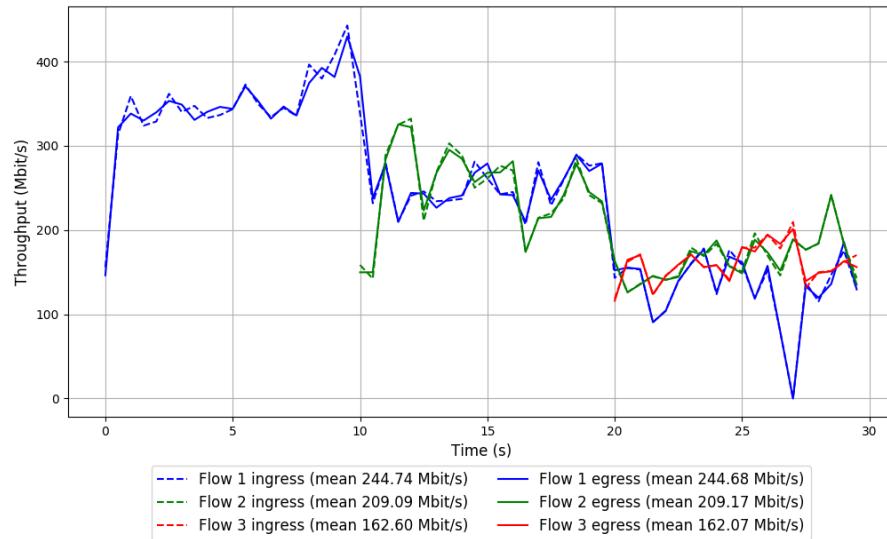


Run 10: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 06:48:12 +0000
End at: Tue, 01 Aug 2017 06:48:42 +0000
Local clock offset: 0.747 ms
Remote clock offset: -0.138 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 436.63 Mbit/s
95th percentile per-packet one-way delay: 34.891 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 244.68 Mbit/s
95th percentile per-packet one-way delay: 41.609 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 209.17 Mbit/s
95th percentile per-packet one-way delay: 27.219 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 162.07 Mbit/s
95th percentile per-packet one-way delay: 30.850 ms
Loss rate: 0.46%
```

Run 10: Report of Verus — Data Link

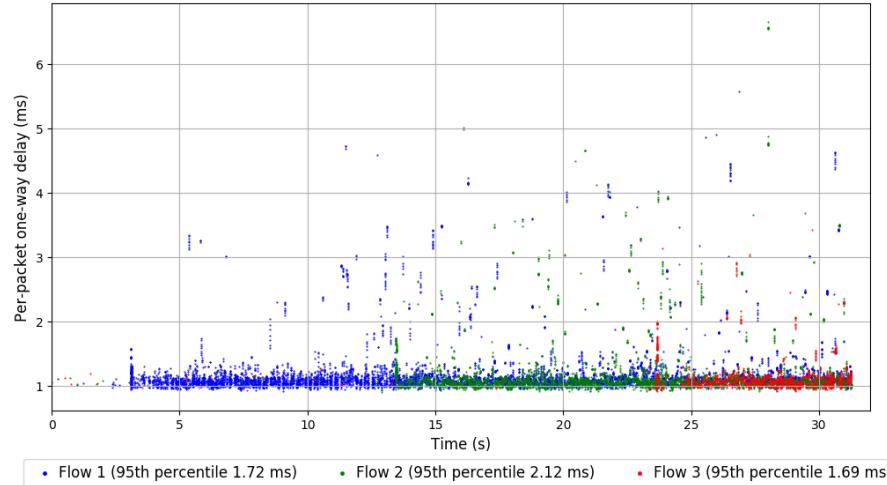
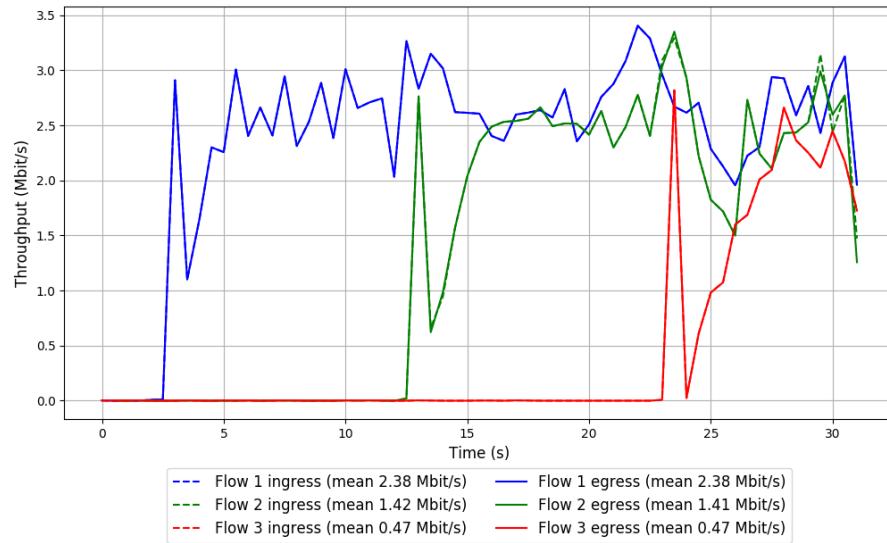


```
Run 1: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 03:06:01 +0000
End at: Tue, 01 Aug 2017 03:06:31 +0000
Local clock offset: 0.08 ms
Remote clock offset: -1.286 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 1.869 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 1.721 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 2.118 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 1.688 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

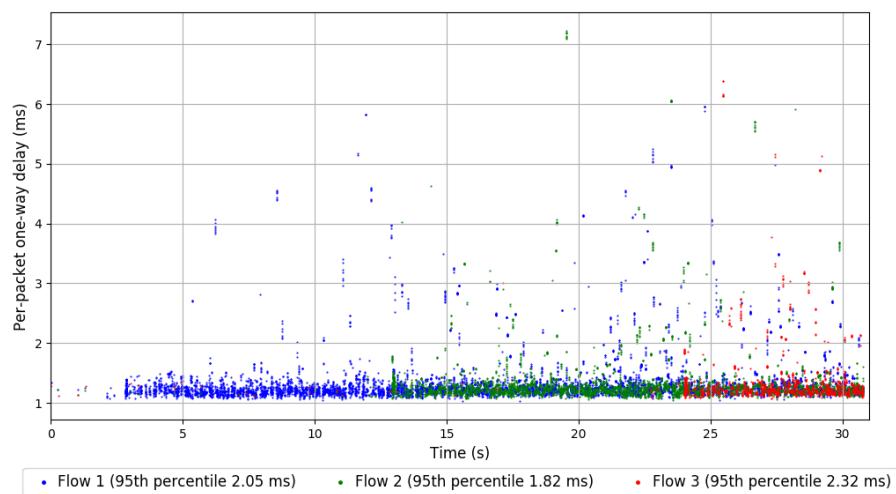
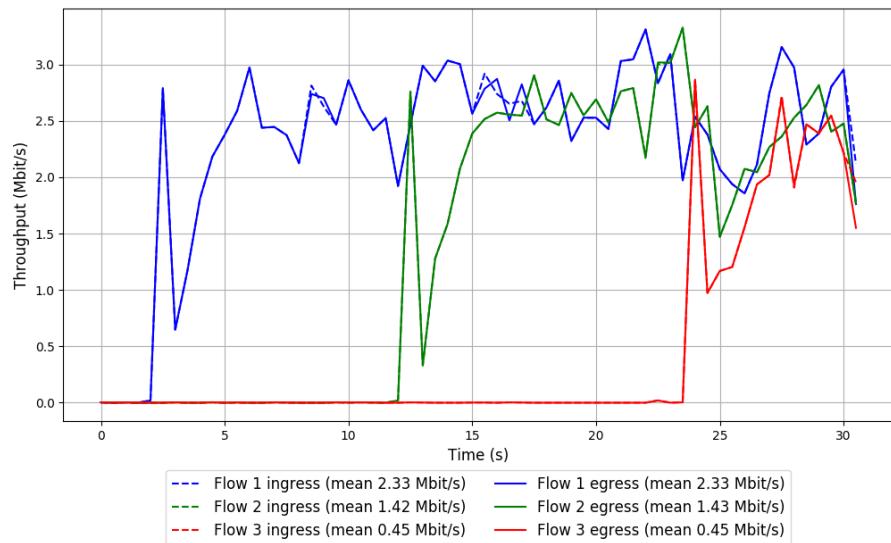


Run 2: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:28:21 +0000
End at: Tue, 01 Aug 2017 03:28:51 +0000
Local clock offset: -0.012 ms
Remote clock offset: -0.899 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 2.055 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 2.049 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 1.824 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 2.321 ms
Loss rate: 1.45%
```

Run 2: Report of WebRTC media — Data Link

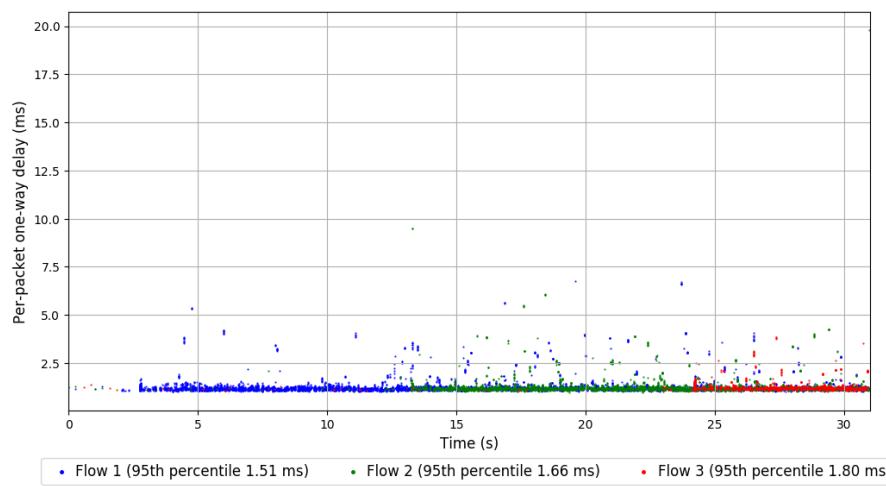
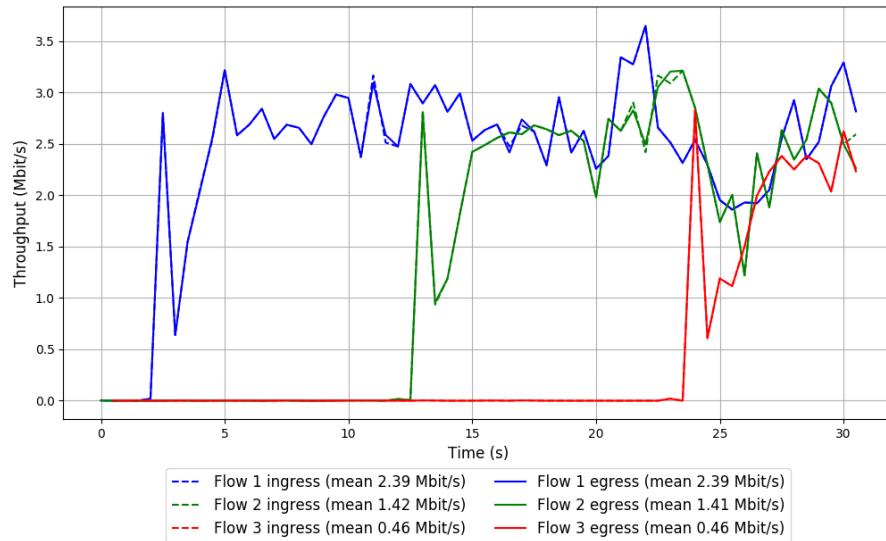


Run 3: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:50:49 +0000
End at: Tue, 01 Aug 2017 03:51:19 +0000
Local clock offset: -0.065 ms
Remote clock offset: -0.952 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 1.599 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 1.506 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 1.656 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 1.798 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

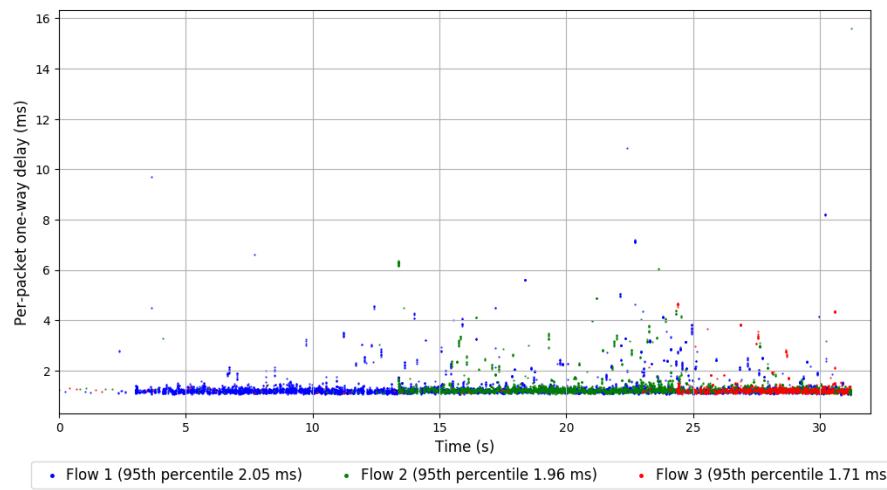
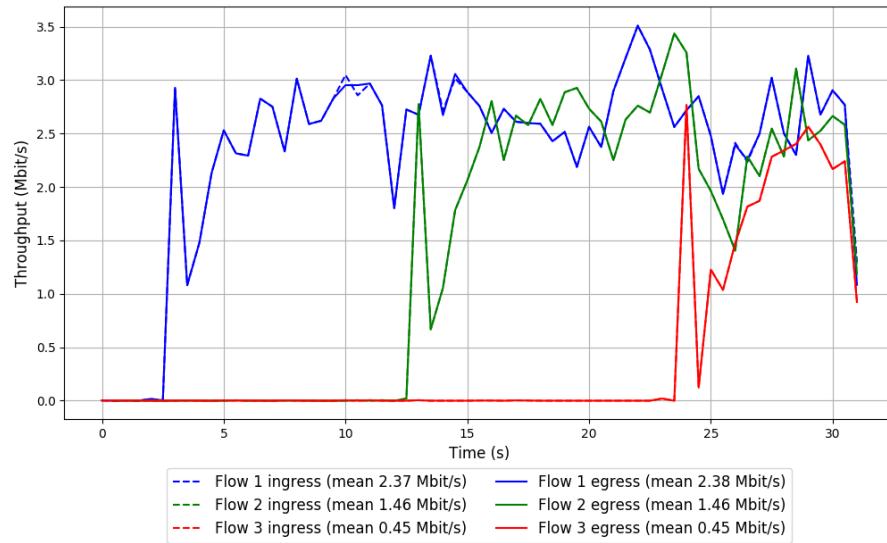


Run 4: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:13:38 +0000
End at: Tue, 01 Aug 2017 04:14:08 +0000
Local clock offset: -0.044 ms
Remote clock offset: -1.216 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 2.005 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 2.052 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 1.961 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 1.707 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

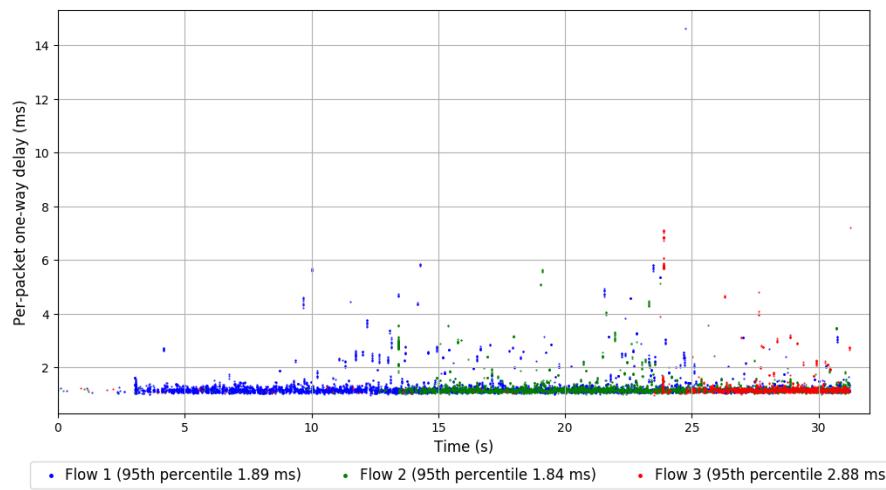
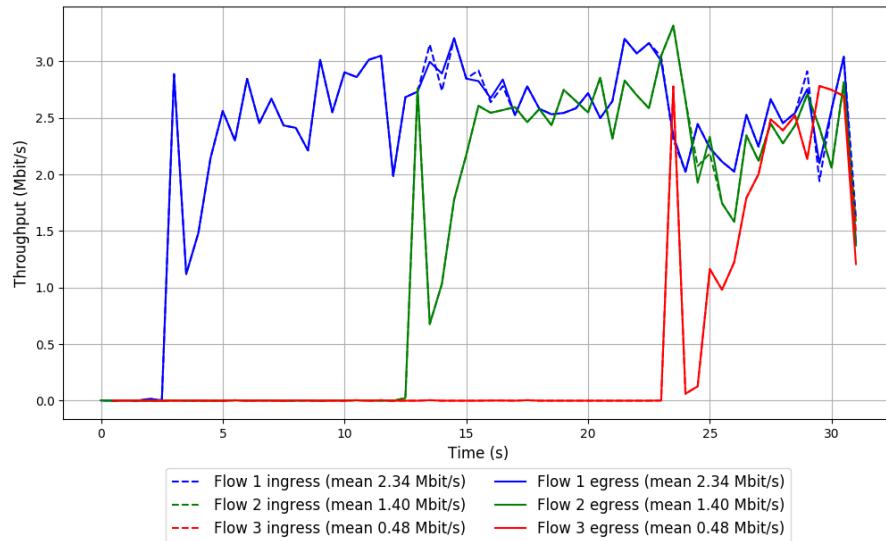


Run 5: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:36:17 +0000
End at: Tue, 01 Aug 2017 04:36:47 +0000
Local clock offset: -0.246 ms
Remote clock offset: -1.01 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 1.939 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 1.885 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 1.844 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 2.880 ms
Loss rate: 0.98%
```

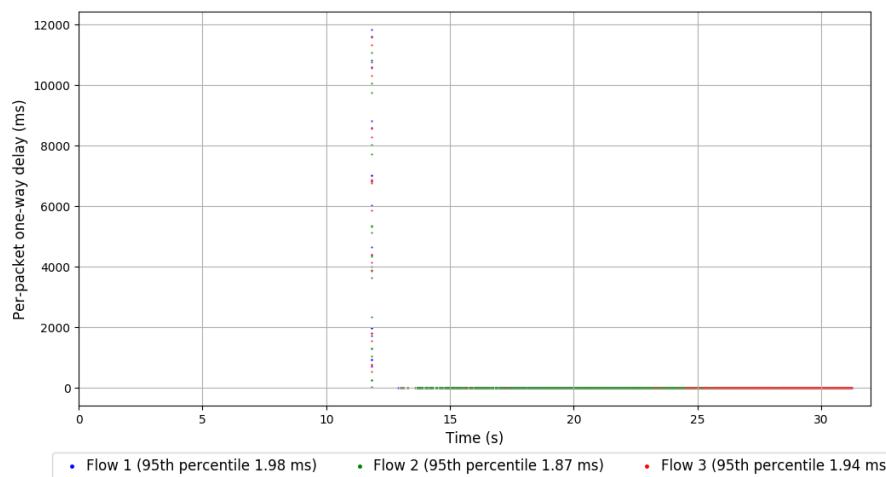
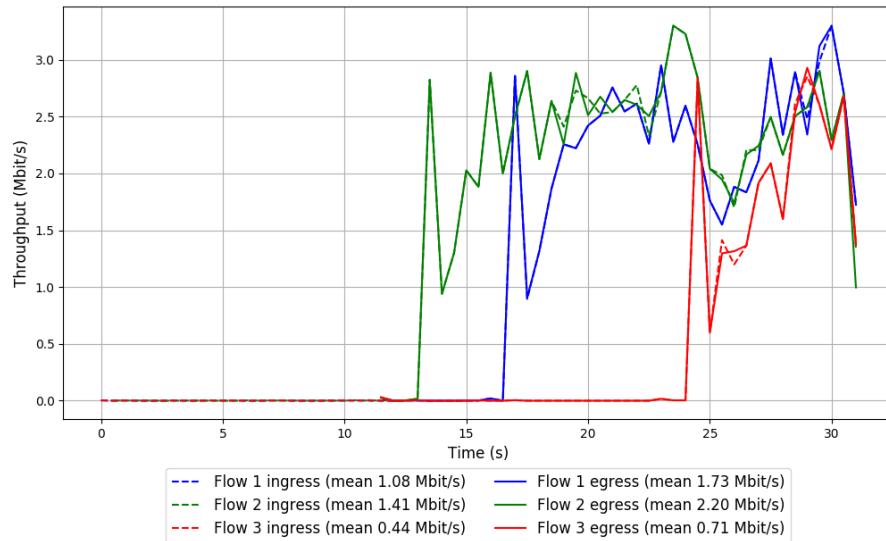
Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 04:58:36 +0000
End at: Tue, 01 Aug 2017 04:59:06 +0000
Local clock offset: -0.229 ms
Remote clock offset: -1.15 ms

Run 6: Report of WebRTC media — Data Link

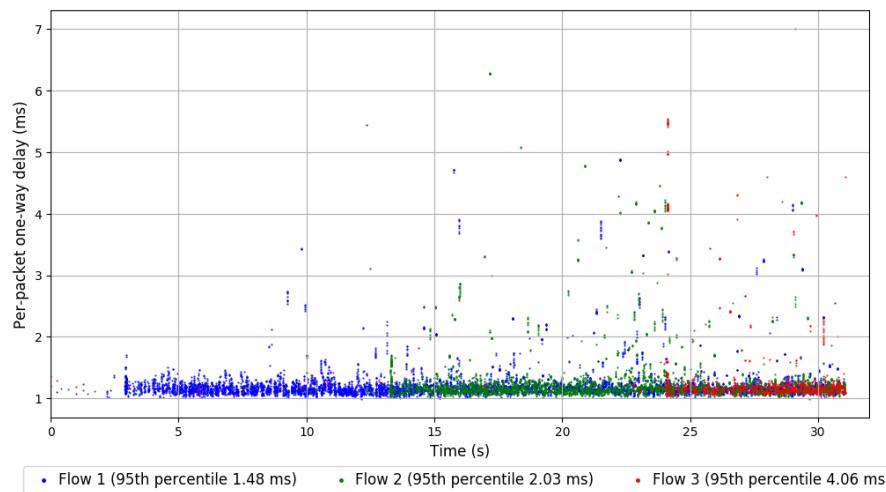
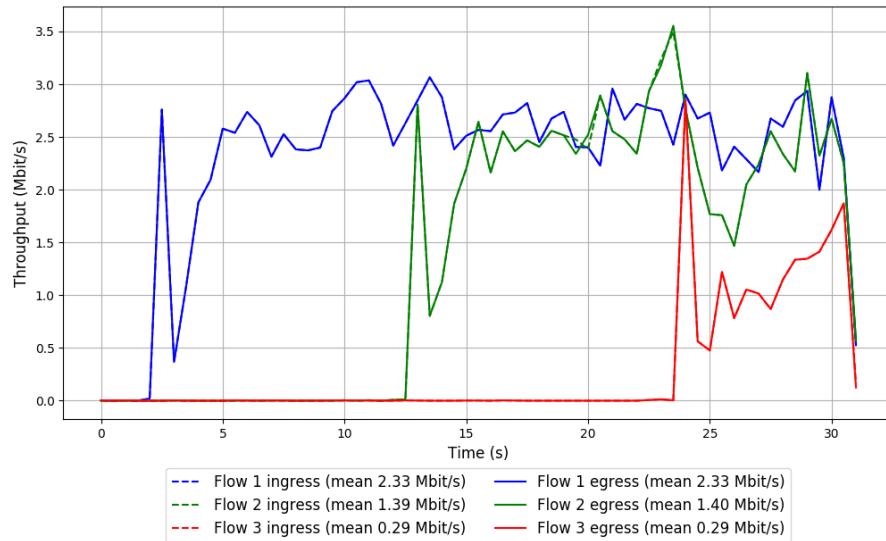


Run 7: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 05:21:13 +0000
End at: Tue, 01 Aug 2017 05:21:43 +0000
Local clock offset: -0.278 ms
Remote clock offset: -1.019 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 1.702 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 1.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 2.031 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 4.057 ms
Loss rate: 0.21%
```

Run 7: Report of WebRTC media — Data Link

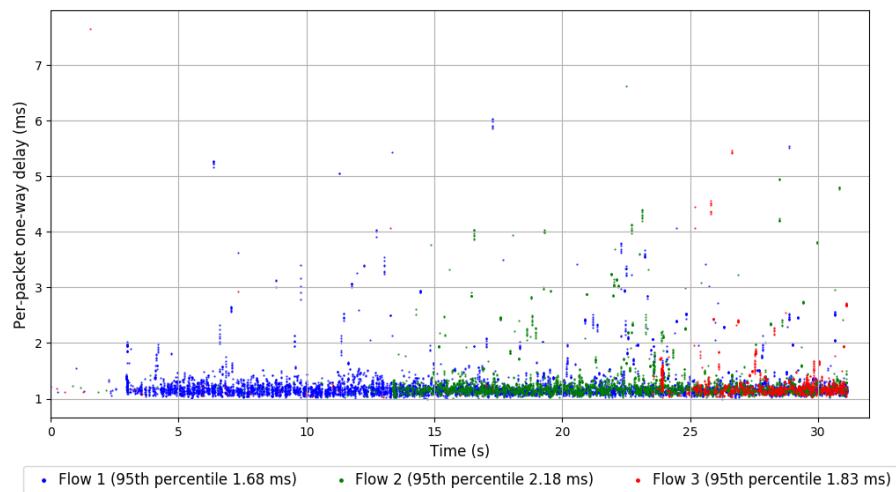
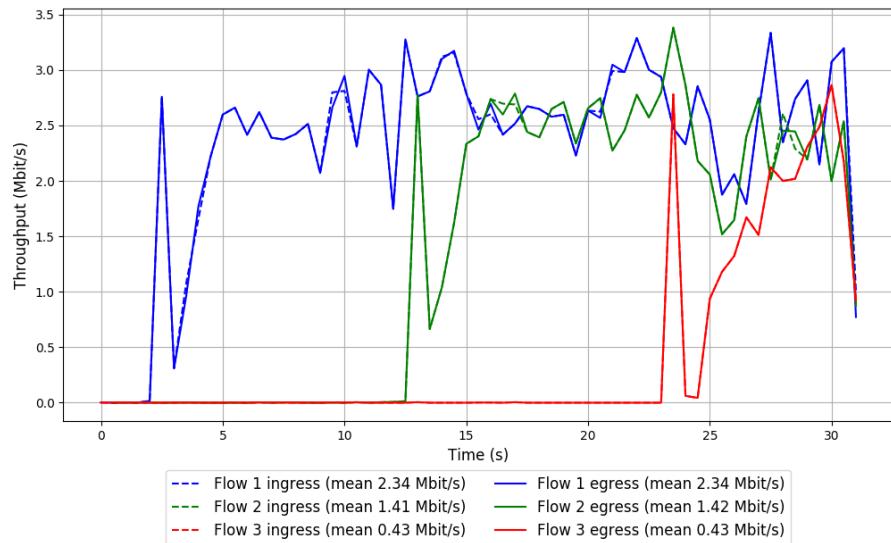


Run 8: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 05:43:42 +0000
End at: Tue, 01 Aug 2017 05:44:12 +0000
Local clock offset: -0.074 ms
Remote clock offset: -0.657 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 1.854 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 1.680 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 2.183 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.826 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

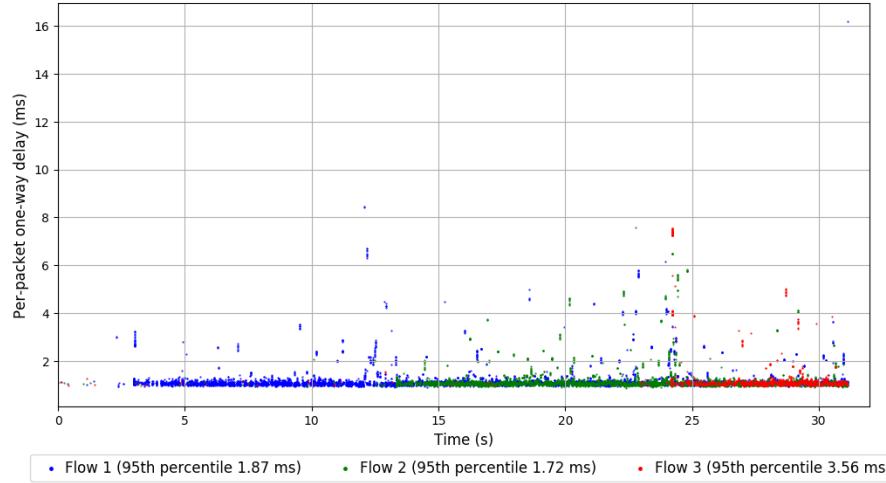
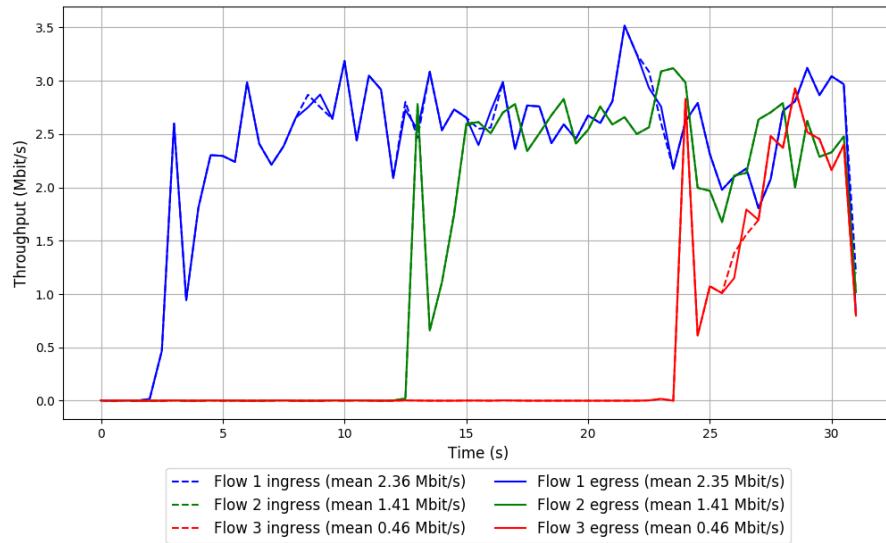


Run 9: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 06:06:09 +0000
End at: Tue, 01 Aug 2017 06:06:39 +0000
Local clock offset: 0.185 ms
Remote clock offset: -0.367 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 1.861 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 1.871 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 1.722 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 3.563 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 06:28:46 +0000
End at: Tue, 01 Aug 2017 06:29:16 +0000
Local clock offset: 0.568 ms
Remote clock offset: -0.313 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 10:29:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 1.916 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 1.730 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 1.916 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 2.076 ms
Loss rate: 0.75%
```

Run 10: Report of WebRTC media — Data Link

