

Pantheon Summary (Generated at Mon, 10 Jul 2017 03:00:03 +0000 with pantheon version c3610718e2bbac84102e8ac47b889a75d4392d79)

Repeated the test of 15 congestion control schemes 10 times.

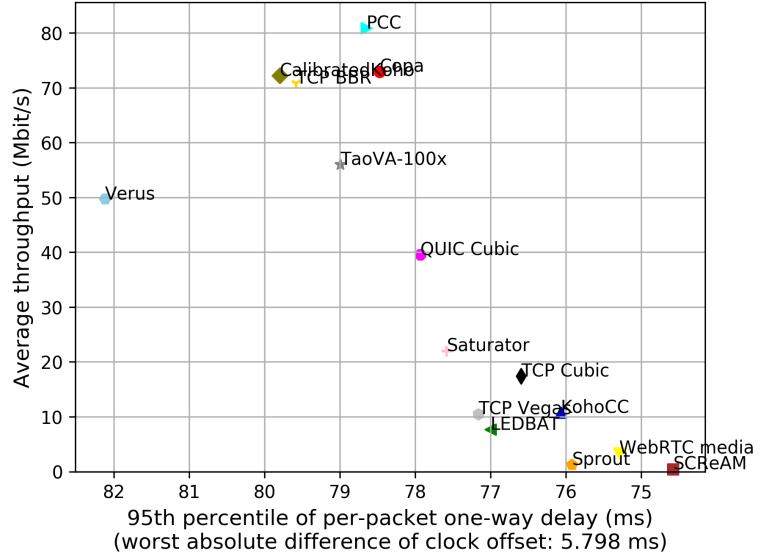
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path **from** AWS Korea Ethernet **to** China Ethernet.

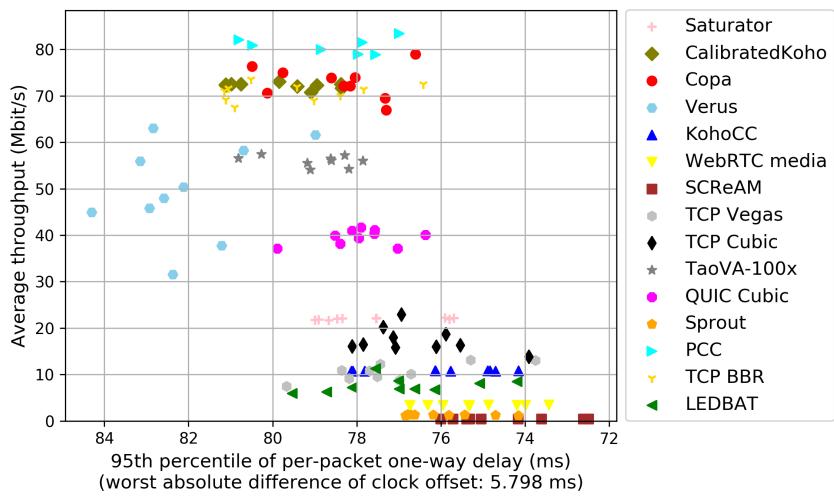
NTP offset measured against ntp.nict.jp.

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

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



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



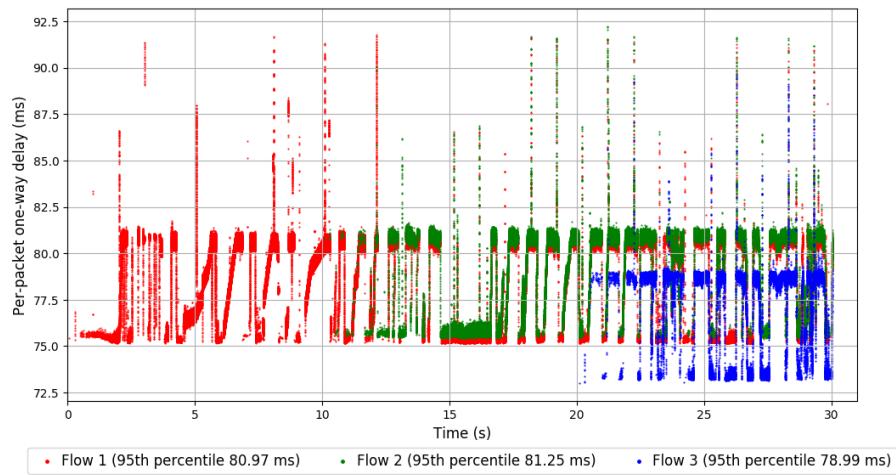
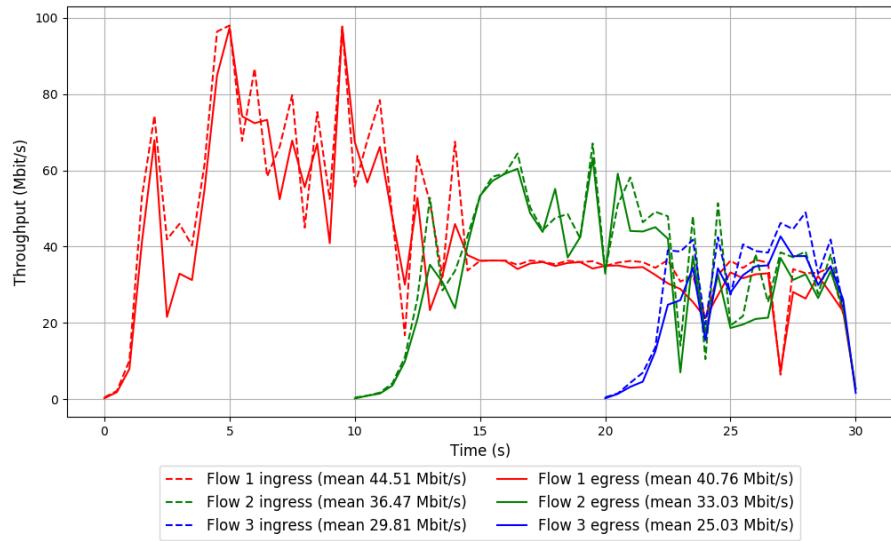
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	44.21	30.23	19.98	79.14	79.35	79.14	9.38	11.86	16.10
CalibratedKoho	10	68.03	4.93	2.77	79.59	78.91	79.14	4.01	11.68	8.80
Copa	10	49.04	27.72	16.65	77.89	79.19	77.91	0.45	0.85	1.87
TCP Cubic	10	9.58	8.00	7.64	76.15	76.90	77.67	0.87	0.93	1.96
KohoCC	10	5.48	5.39	5.16	76.00	75.58	75.75	0.22	0.32	0.25
LEDBAT	10	4.62	3.42	2.39	77.00	77.14	75.66	0.40	0.48	0.26
PCC	10	66.71	13.56	15.73	78.61	78.84	78.60	3.47	4.08	5.36
QUIC Cubic	10	26.73	28.28	29.15	78.04	77.51	77.04	1.31	1.56	1.34
Saturator	10	11.12	11.04	10.72	77.00	77.34	78.27	0.53	0.60	1.04
SCReAM	10	0.22	0.22	0.22	73.34	73.70	73.67	0.01	0.00	0.00
Sprout	10	0.61	0.66	0.67	75.70	74.66	75.08	0.00	0.00	0.00
TaoVA-100x	10	48.86	5.94	10.02	78.92	78.62	79.12	6.82	7.11	8.78
TCP Vegas	10	5.70	4.76	4.93	76.61	77.04	77.98	0.89	1.40	1.84
Verus	10	38.85	13.03	10.06	81.70	81.22	82.04	73.12	60.77	64.45
WebRTC media	10	2.02	1.15	0.27	74.59	75.28	75.42	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 19:59:31 +0000
End at: Sun, 09 Jul 2017 20:00:01 +0000
Local clock offset: 0.637 ms
Remote clock offset: -4.791 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.06 Mbit/s
95th percentile per-packet one-way delay: 81.153 ms
Loss rate: 9.70%
-- Flow 1:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 80.966 ms
Loss rate: 8.44%
-- Flow 2:
Average throughput: 33.03 Mbit/s
95th percentile per-packet one-way delay: 81.255 ms
Loss rate: 9.45%
-- Flow 3:
Average throughput: 25.03 Mbit/s
95th percentile per-packet one-way delay: 78.987 ms
Loss rate: 16.00%
```

Run 1: Report of TCP BBR — Data Link

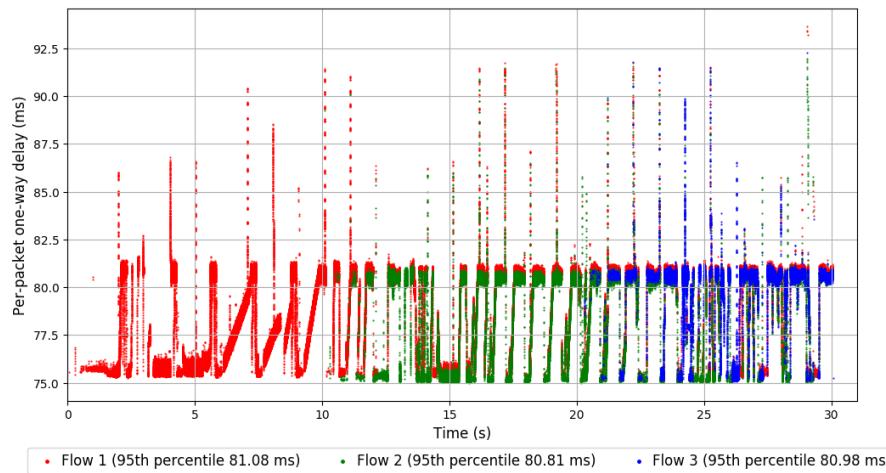
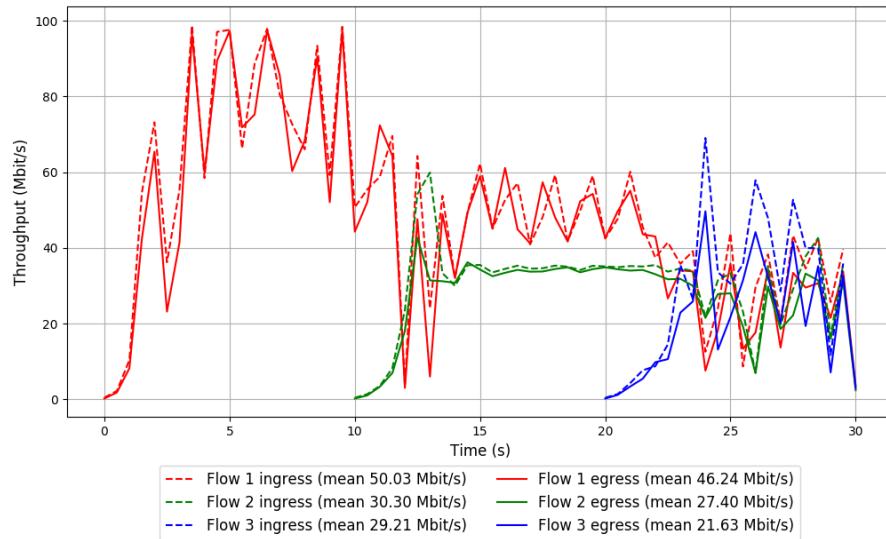


Run 2: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 20:19:23 +0000
End at: Sun, 09 Jul 2017 20:19:53 +0000
Local clock offset: -0.509 ms
Remote clock offset: -4.792 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.64 Mbit/s
95th percentile per-packet one-way delay: 81.048 ms
Loss rate: 10.32%
-- Flow 1:
Average throughput: 46.24 Mbit/s
95th percentile per-packet one-way delay: 81.084 ms
Loss rate: 7.56%
-- Flow 2:
Average throughput: 27.40 Mbit/s
95th percentile per-packet one-way delay: 80.805 ms
Loss rate: 9.59%
-- Flow 3:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 80.978 ms
Loss rate: 26.01%
```

Run 2: Report of TCP BBR — Data Link

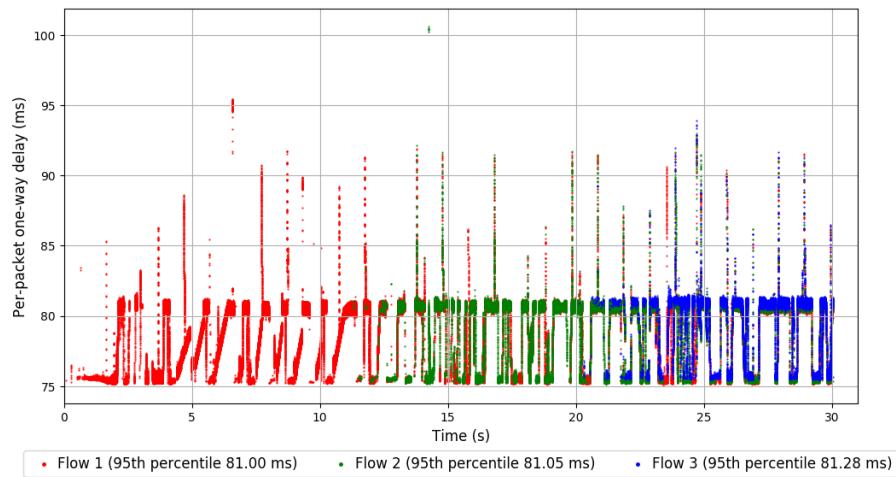
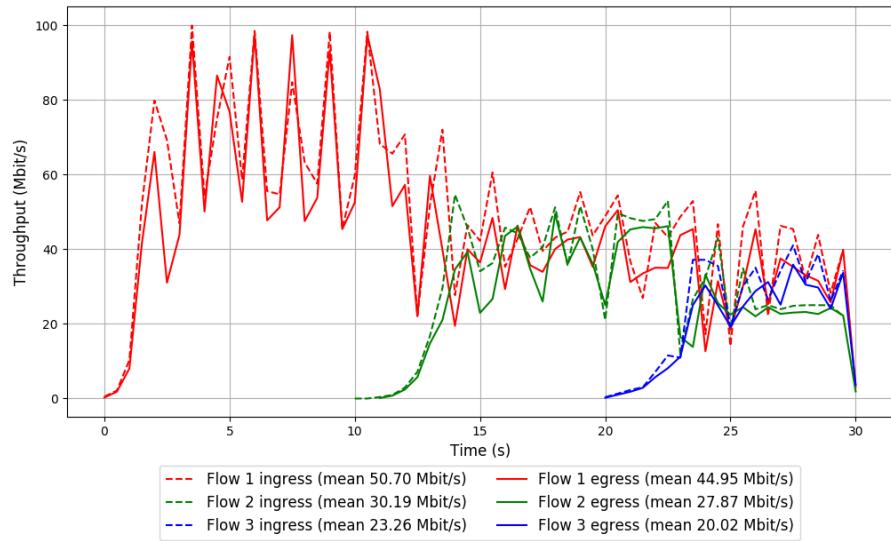


Run 3: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 20:39:01 +0000
End at: Sun, 09 Jul 2017 20:39:31 +0000
Local clock offset: -0.529 ms
Remote clock offset: -4.951 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.20 Mbit/s
95th percentile per-packet one-way delay: 81.112 ms
Loss rate: 11.85%
-- Flow 1:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 81.003 ms
Loss rate: 11.32%
-- Flow 2:
Average throughput: 27.87 Mbit/s
95th percentile per-packet one-way delay: 81.046 ms
Loss rate: 12.36%
-- Flow 3:
Average throughput: 20.02 Mbit/s
95th percentile per-packet one-way delay: 81.279 ms
Loss rate: 13.99%
```

Run 3: Report of TCP BBR — Data Link

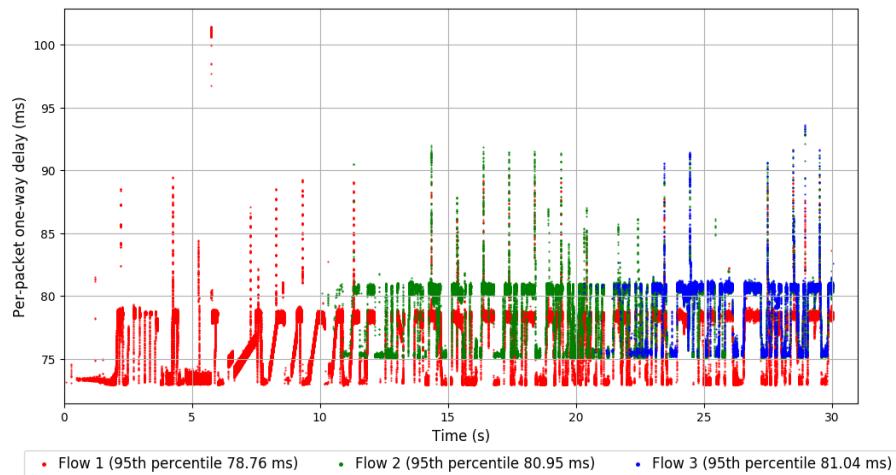
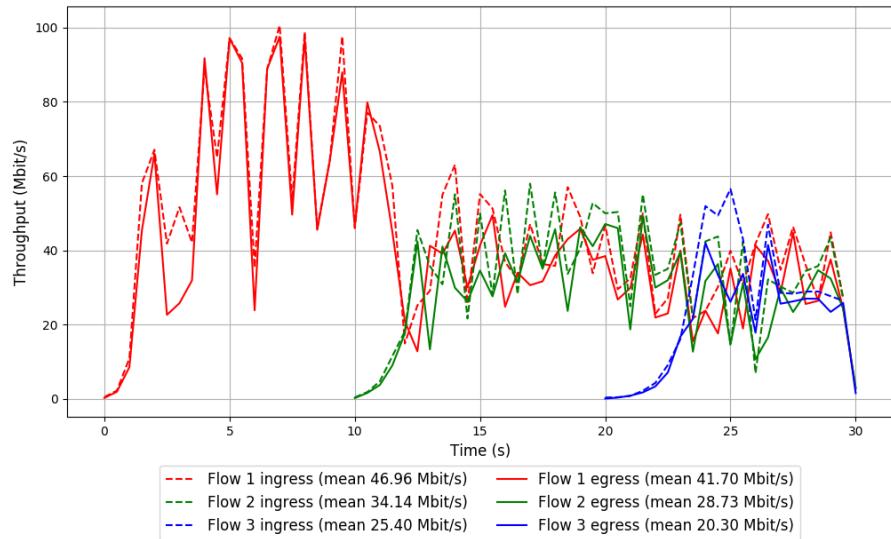


Run 4: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 20:58:51 +0000
End at: Sun, 09 Jul 2017 20:59:21 +0000
Local clock offset: -0.487 ms
Remote clock offset: -4.873 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.54 Mbit/s
95th percentile per-packet one-way delay: 80.899 ms
Loss rate: 13.54%
-- Flow 1:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 78.762 ms
Loss rate: 11.23%
-- Flow 2:
Average throughput: 28.73 Mbit/s
95th percentile per-packet one-way delay: 80.955 ms
Loss rate: 15.90%
-- Flow 3:
Average throughput: 20.30 Mbit/s
95th percentile per-packet one-way delay: 81.044 ms
Loss rate: 20.11%
```

Run 4: Report of TCP BBR — Data Link

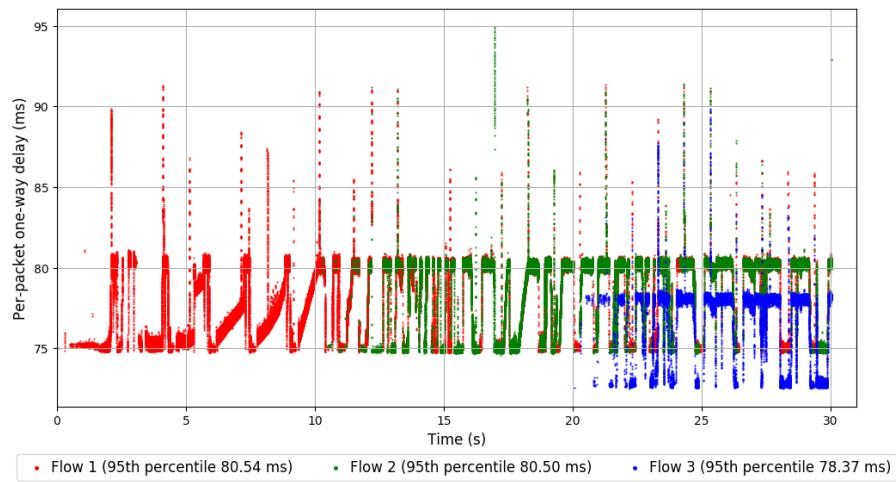
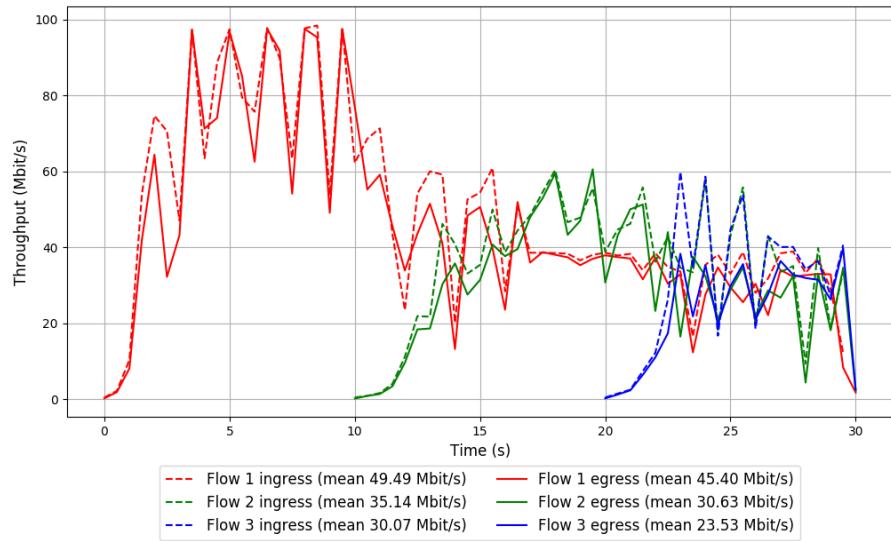


Run 5: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 21:18:23 +0000
End at: Sun, 09 Jul 2017 21:18:53 +0000
Local clock offset: 0.866 ms
Remote clock offset: -4.217 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.59 Mbit/s
95th percentile per-packet one-way delay: 80.515 ms
Loss rate: 11.19%
-- Flow 1:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 80.539 ms
Loss rate: 8.25%
-- Flow 2:
Average throughput: 30.63 Mbit/s
95th percentile per-packet one-way delay: 80.501 ms
Loss rate: 12.91%
-- Flow 3:
Average throughput: 23.53 Mbit/s
95th percentile per-packet one-way delay: 78.372 ms
Loss rate: 21.69%
```

Run 5: Report of TCP BBR — Data Link

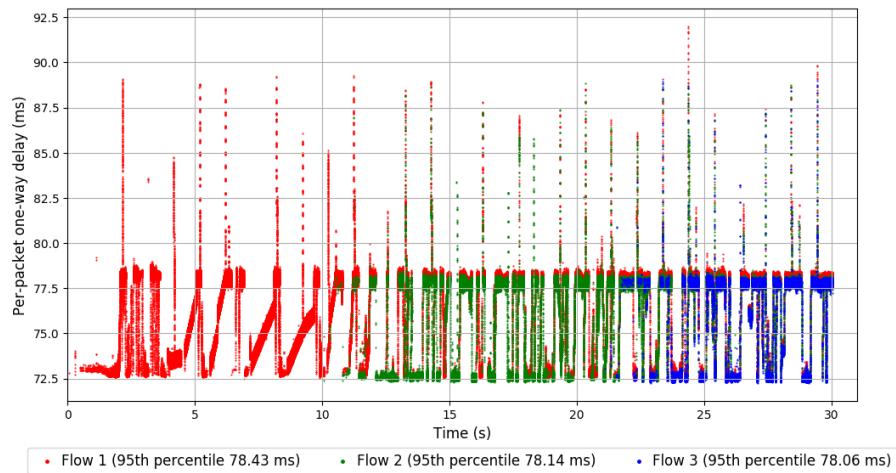
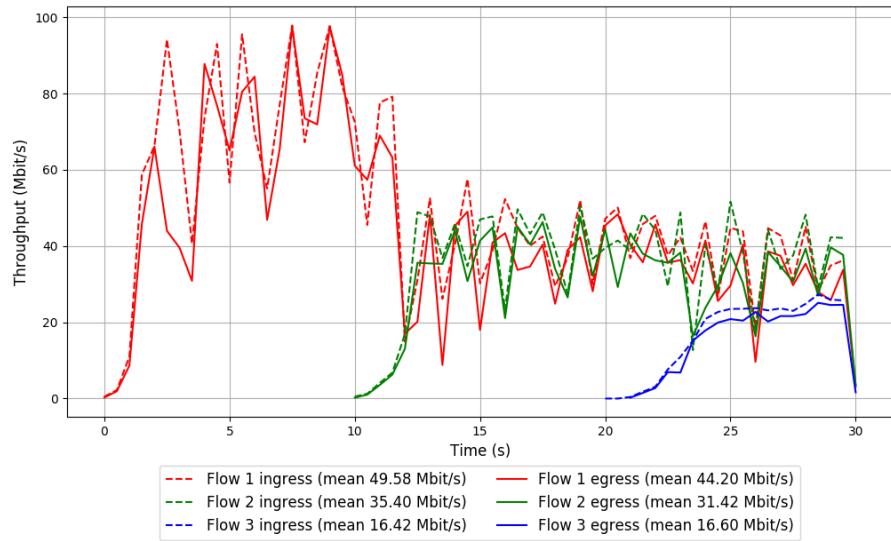


Run 6: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 21:38:06 +0000
End at: Sun, 09 Jul 2017 21:38:36 +0000
Local clock offset: -0.187 ms
Remote clock offset: -3.812 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.08 Mbit/s
95th percentile per-packet one-way delay: 78.390 ms
Loss rate: 10.88%
-- Flow 1:
Average throughput: 44.20 Mbit/s
95th percentile per-packet one-way delay: 78.431 ms
Loss rate: 10.89%
-- Flow 2:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 78.140 ms
Loss rate: 11.23%
-- Flow 3:
Average throughput: 16.60 Mbit/s
95th percentile per-packet one-way delay: 78.055 ms
Loss rate: 9.28%
```

Run 6: Report of TCP BBR — Data Link

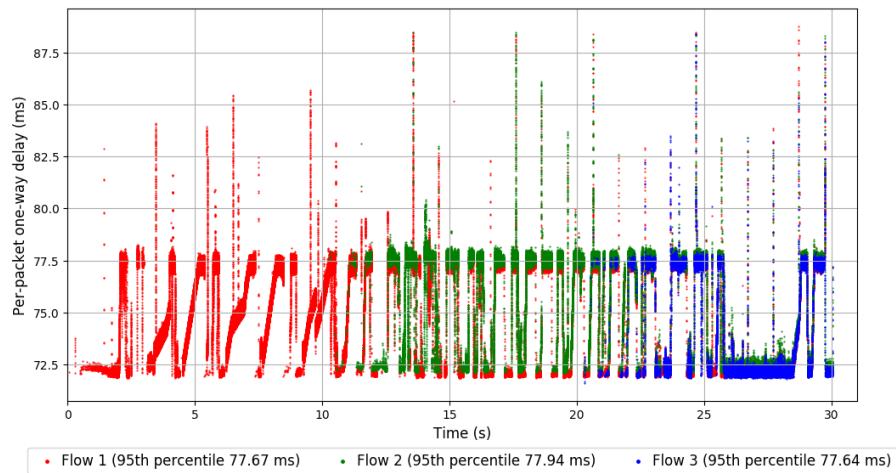
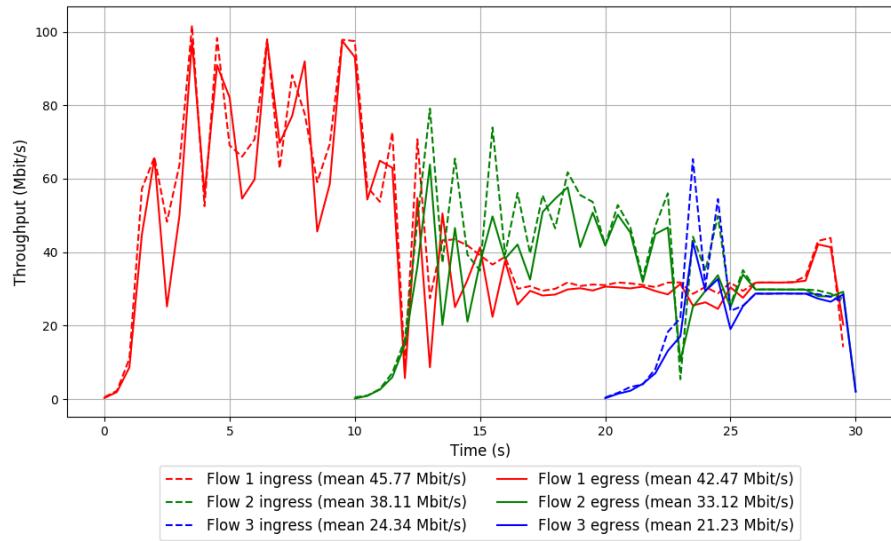


Run 7: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 21:57:48 +0000
End at: Sun, 09 Jul 2017 21:58:18 +0000
Local clock offset: -0.096 ms
Remote clock offset: -3.323 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.45 Mbit/s
95th percentile per-packet one-way delay: 77.842 ms
Loss rate: 9.67%
-- Flow 1:
Average throughput: 42.47 Mbit/s
95th percentile per-packet one-way delay: 77.667 ms
Loss rate: 7.20%
-- Flow 2:
Average throughput: 33.12 Mbit/s
95th percentile per-packet one-way delay: 77.939 ms
Loss rate: 13.11%
-- Flow 3:
Average throughput: 21.23 Mbit/s
95th percentile per-packet one-way delay: 77.640 ms
Loss rate: 12.80%
```

Run 7: Report of TCP BBR — Data Link

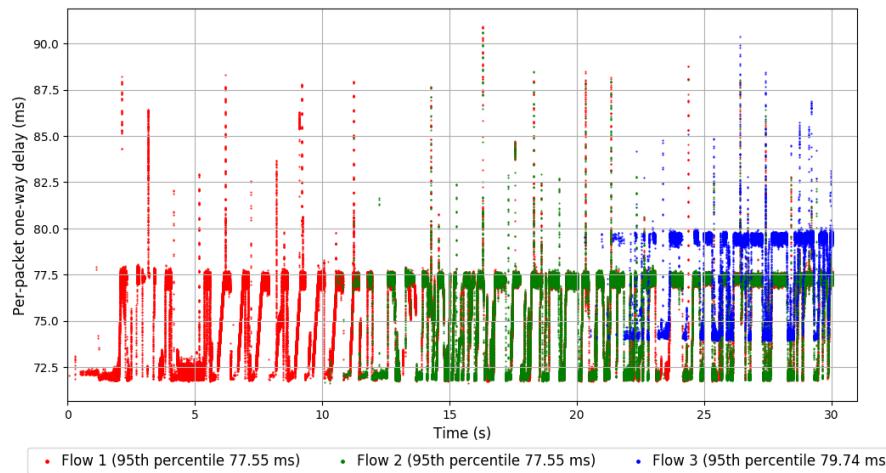
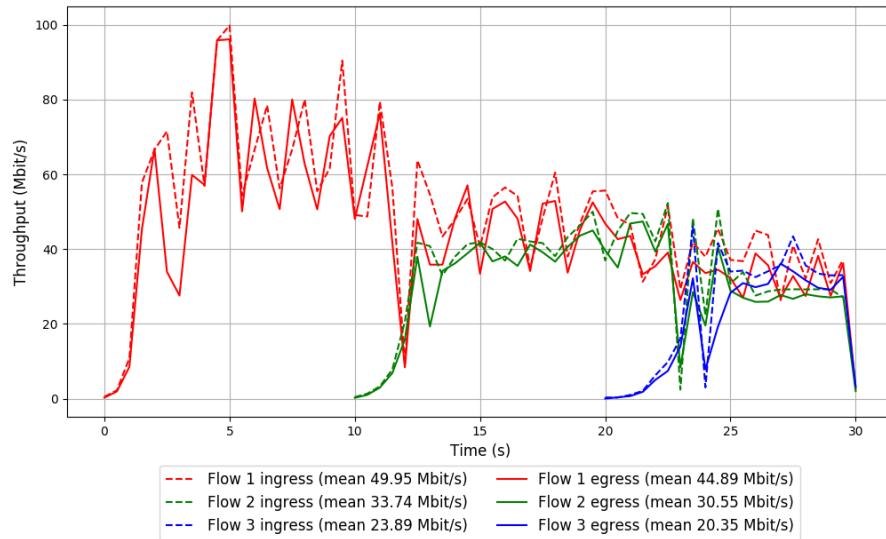


Run 8: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 22:17:31 +0000
End at: Sun, 09 Jul 2017 22:18:01 +0000
Local clock offset: -0.004 ms
Remote clock offset: -2.933 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.96 Mbit/s
95th percentile per-packet one-way delay: 79.425 ms
Loss rate: 10.40%
-- Flow 1:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 77.552 ms
Loss rate: 10.13%
-- Flow 2:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 77.548 ms
Loss rate: 9.44%
-- Flow 3:
Average throughput: 20.35 Mbit/s
95th percentile per-packet one-way delay: 79.743 ms
Loss rate: 14.89%
```

Run 8: Report of TCP BBR — Data Link

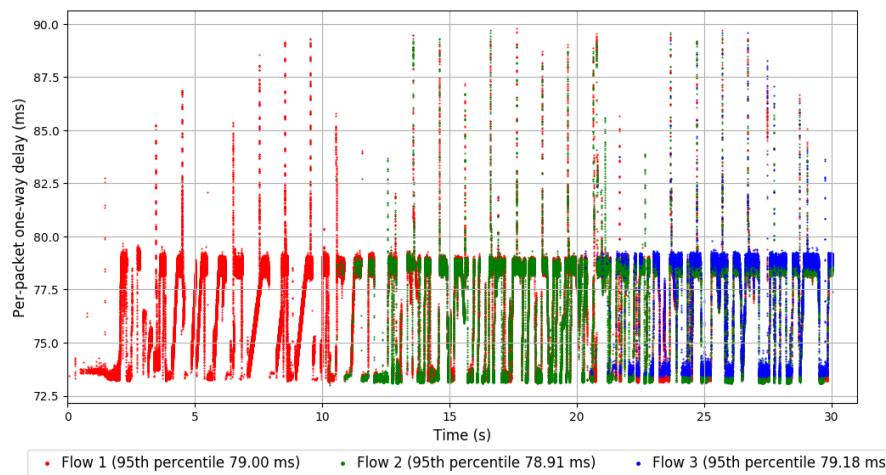
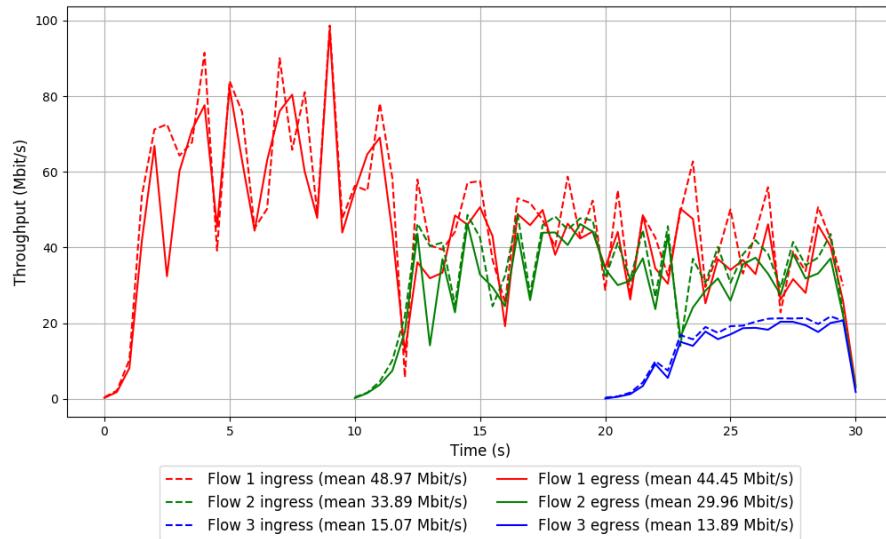


Run 9: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 22:37:13 +0000
End at: Sun, 09 Jul 2017 22:37:43 +0000
Local clock offset: 1.043 ms
Remote clock offset: -2.442 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.01 Mbit/s
95th percentile per-packet one-way delay: 79.014 ms
Loss rate: 9.87%
-- Flow 1:
Average throughput: 44.45 Mbit/s
95th percentile per-packet one-way delay: 78.995 ms
Loss rate: 9.27%
-- Flow 2:
Average throughput: 29.96 Mbit/s
95th percentile per-packet one-way delay: 78.906 ms
Loss rate: 11.61%
-- Flow 3:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 79.179 ms
Loss rate: 7.91%
```

Run 9: Report of TCP BBR — Data Link

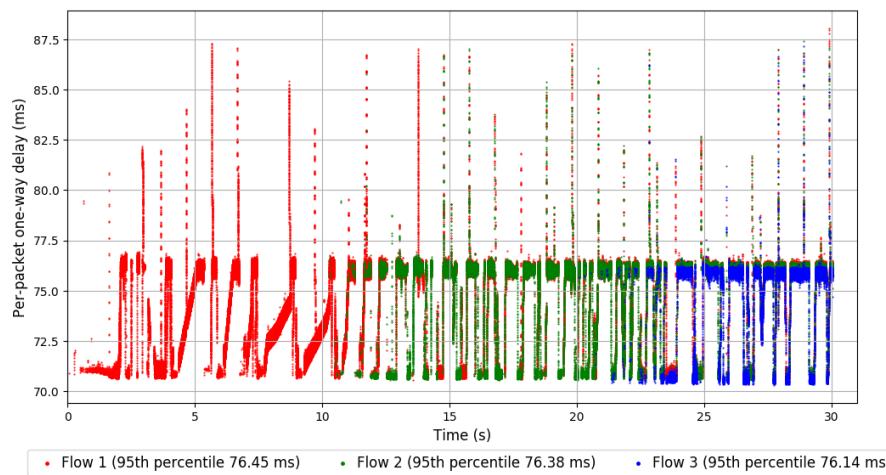
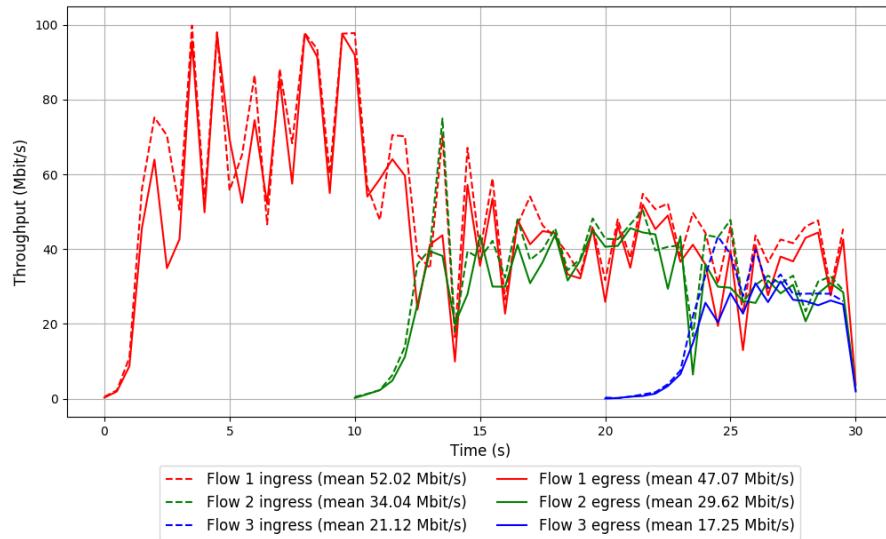


Run 10: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 22:57:10 +0000
End at: Sun, 09 Jul 2017 22:57:40 +0000
Local clock offset: -0.1 ms
Remote clock offset: -1.898 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:52:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.53 Mbit/s
95th percentile per-packet one-way delay: 76.419 ms
Loss rate: 11.22%
-- Flow 1:
Average throughput: 47.07 Mbit/s
95th percentile per-packet one-way delay: 76.449 ms
Loss rate: 9.49%
-- Flow 2:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 76.380 ms
Loss rate: 12.97%
-- Flow 3:
Average throughput: 17.25 Mbit/s
95th percentile per-packet one-way delay: 76.142 ms
Loss rate: 18.32%
```

Run 10: Report of TCP BBR — Data Link

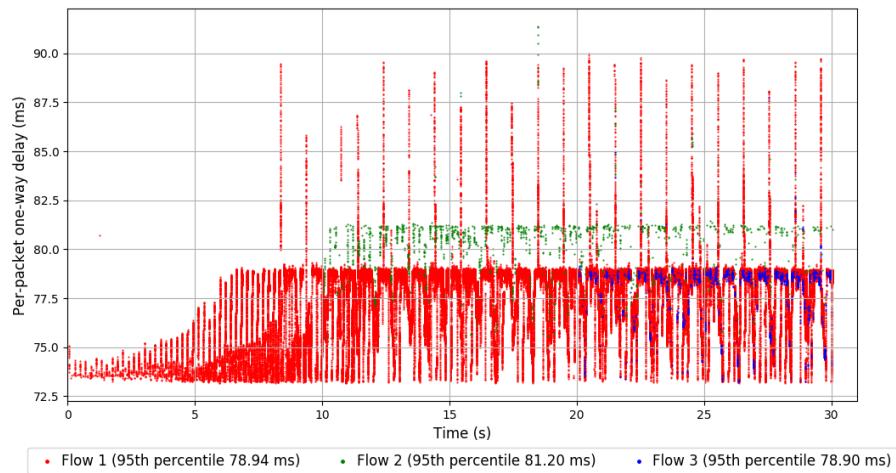
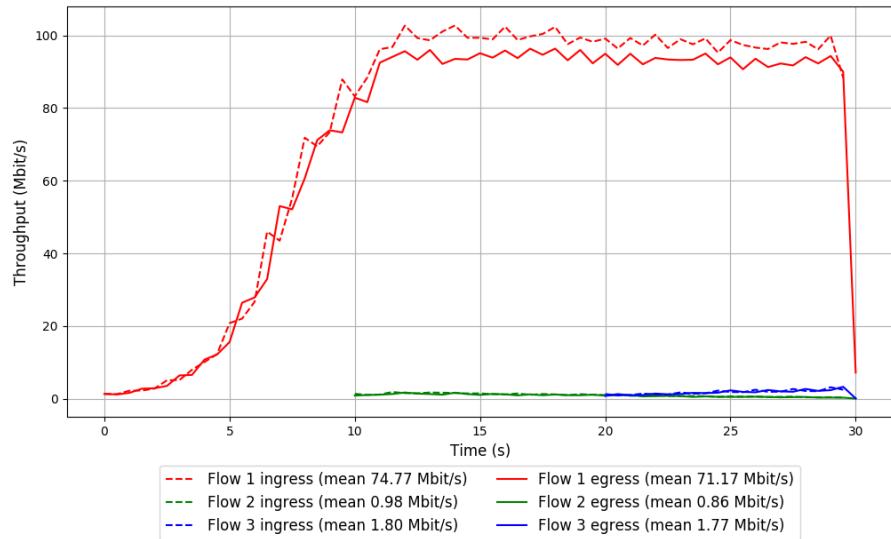


```
Run 1: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 20:00:56 +0000
End at: Sun, 09 Jul 2017 20:01:26 +0000
Local clock offset: 0.938 ms
Remote clock offset: -4.824 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.32 Mbit/s
95th percentile per-packet one-way delay: 78.947 ms
Loss rate: 4.85%
-- Flow 1:
Average throughput: 71.17 Mbit/s
95th percentile per-packet one-way delay: 78.937 ms
Loss rate: 4.81%
-- Flow 2:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 81.202 ms
Loss rate: 12.18%
-- Flow 3:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 78.897 ms
Loss rate: 2.01%
```

Run 1: Report of CalibratedKoho — Data Link

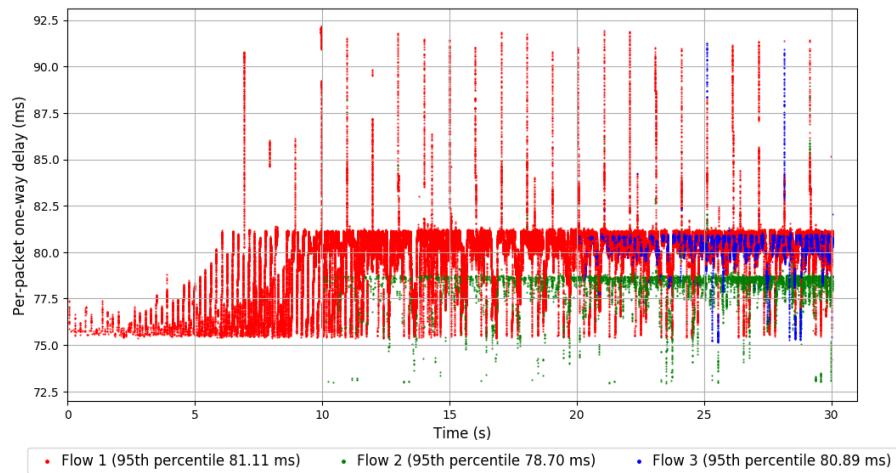
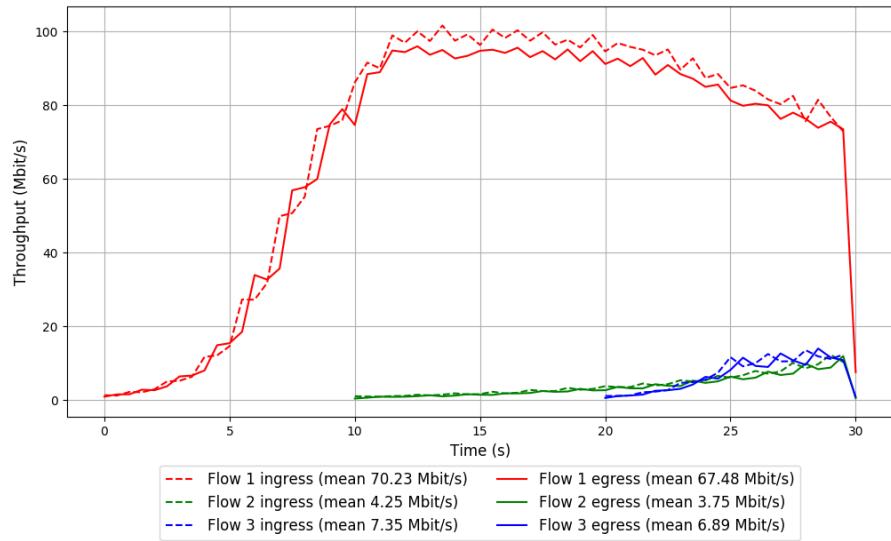


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 20:20:46 +0000
End at: Sun, 09 Jul 2017 20:21:16 +0000
Local clock offset: -0.477 ms
Remote clock offset: -4.804 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.26 Mbit/s
95th percentile per-packet one-way delay: 81.111 ms
Loss rate: 4.26%
-- Flow 1:
Average throughput: 67.48 Mbit/s
95th percentile per-packet one-way delay: 81.114 ms
Loss rate: 3.90%
-- Flow 2:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 78.699 ms
Loss rate: 11.64%
-- Flow 3:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 80.891 ms
Loss rate: 6.30%
```

Run 2: Report of CalibratedKoho — Data Link

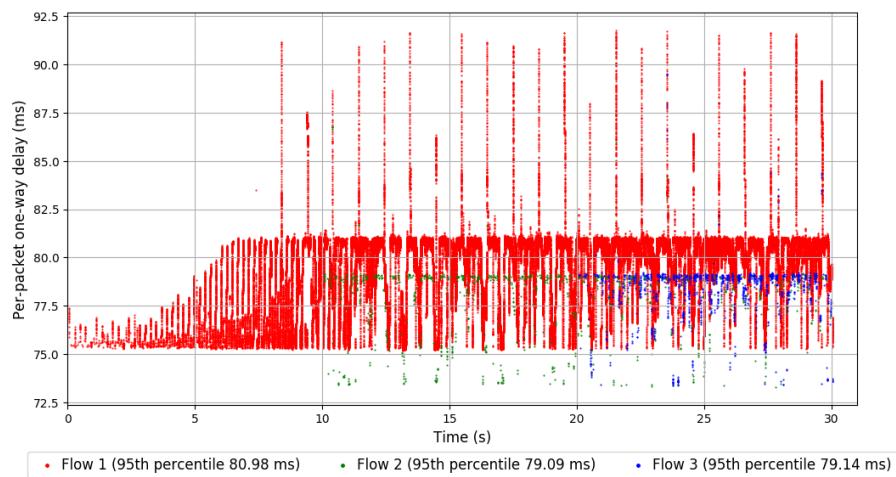
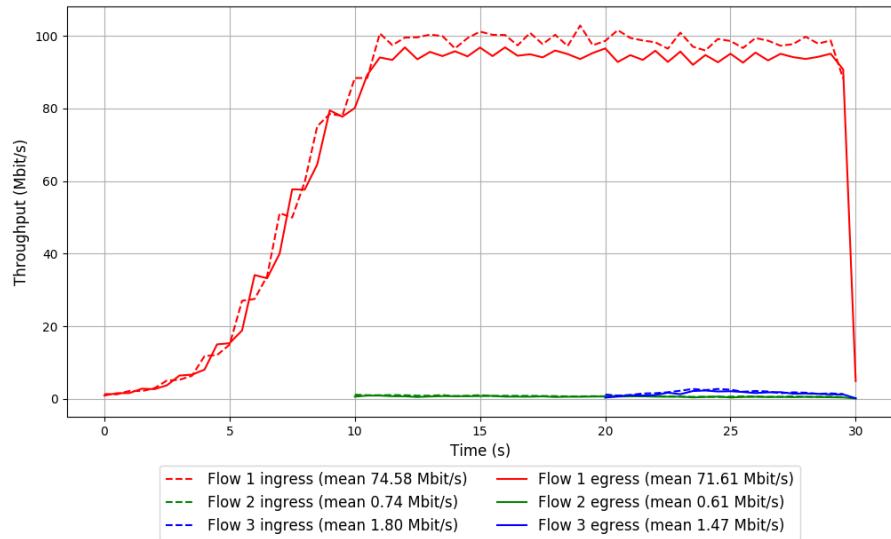


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 20:40:24 +0000
End at: Sun, 09 Jul 2017 20:40:54 +0000
Local clock offset: -0.51 ms
Remote clock offset: -4.965 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.50 Mbit/s
95th percentile per-packet one-way delay: 80.984 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 71.61 Mbit/s
95th percentile per-packet one-way delay: 80.985 ms
Loss rate: 3.99%
-- Flow 2:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 79.090 ms
Loss rate: 18.29%
-- Flow 3:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 79.140 ms
Loss rate: 18.31%
```

Run 3: Report of CalibratedKoho — Data Link

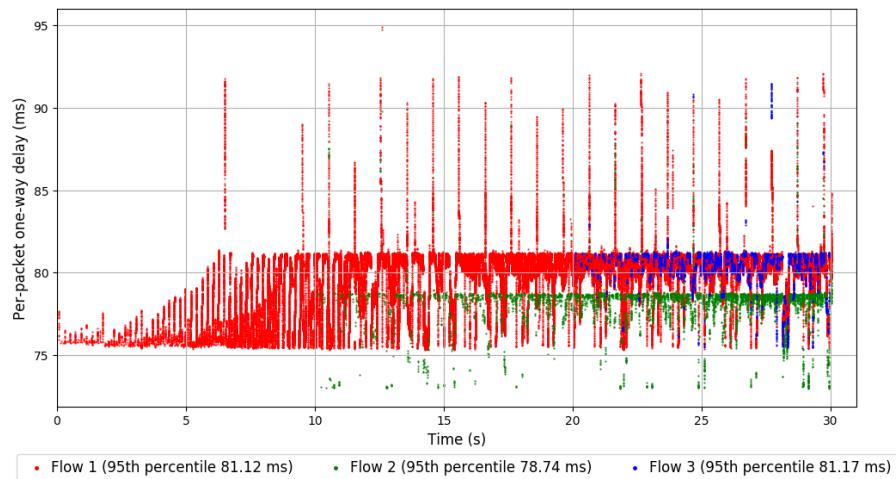
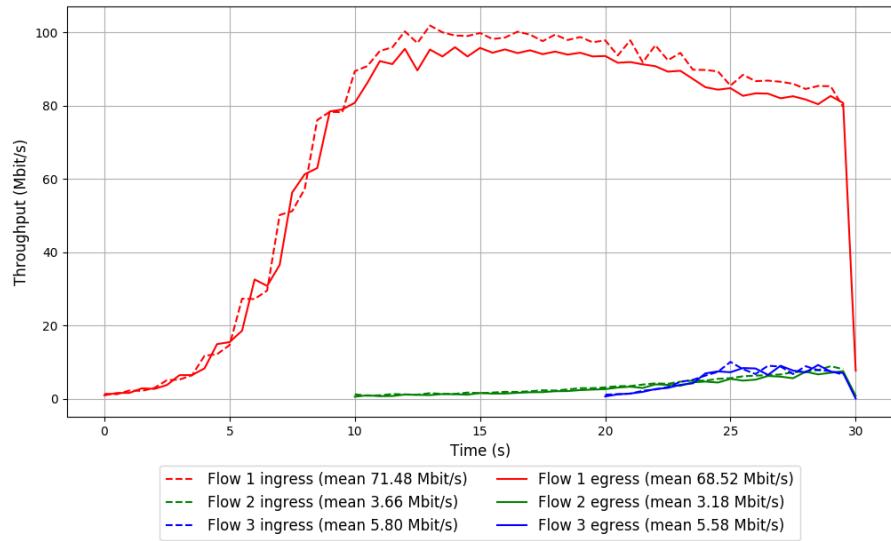


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 21:00:14 +0000
End at: Sun, 09 Jul 2017 21:00:44 +0000
Local clock offset: 0.715 ms
Remote clock offset: -4.796 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.48 Mbit/s
95th percentile per-packet one-way delay: 81.118 ms
Loss rate: 4.41%
-- Flow 1:
Average throughput: 68.52 Mbit/s
95th percentile per-packet one-way delay: 81.117 ms
Loss rate: 4.13%
-- Flow 2:
Average throughput: 3.18 Mbit/s
95th percentile per-packet one-way delay: 78.744 ms
Loss rate: 13.13%
-- Flow 3:
Average throughput: 5.58 Mbit/s
95th percentile per-packet one-way delay: 81.171 ms
Loss rate: 3.72%
```

Run 4: Report of CalibratedKoho — Data Link

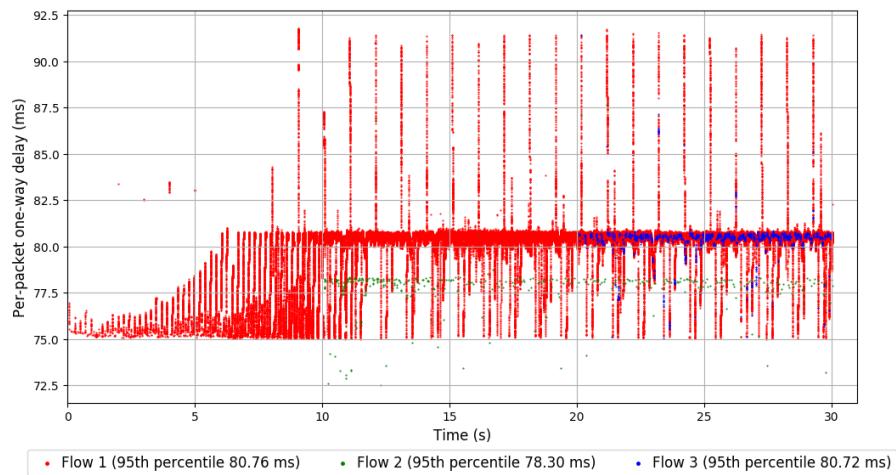
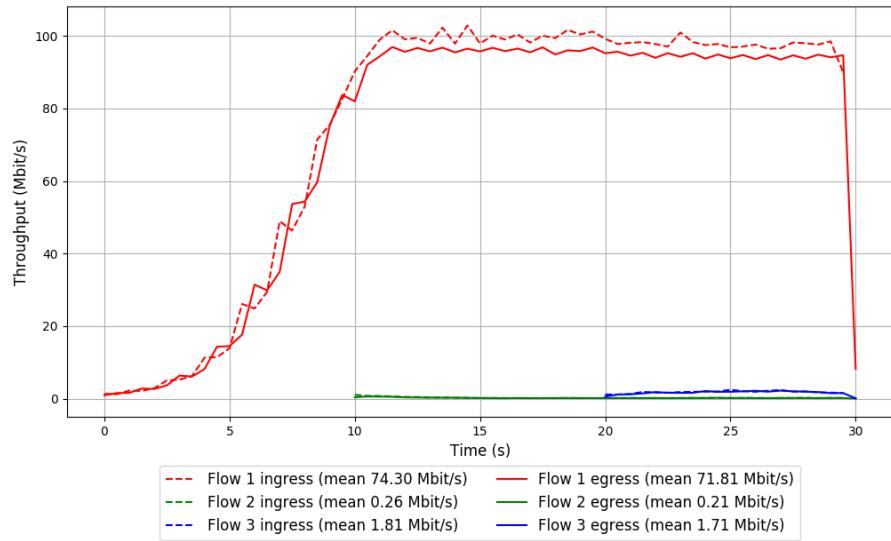


Run 5: Statistics of CalibratedKoho

```
Start at: Sun, 09 Jul 2017 21:19:46 +0000
End at: Sun, 09 Jul 2017 21:20:16 +0000
Local clock offset: -0.429 ms
Remote clock offset: -4.124 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.51 Mbit/s
95th percentile per-packet one-way delay: 80.757 ms
Loss rate: 3.40%
-- Flow 1:
Average throughput: 71.81 Mbit/s
95th percentile per-packet one-way delay: 80.757 ms
Loss rate: 3.35%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 78.300 ms
Loss rate: 19.03%
-- Flow 3:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 80.717 ms
Loss rate: 5.48%
```

Run 5: Report of CalibratedKoho — Data Link

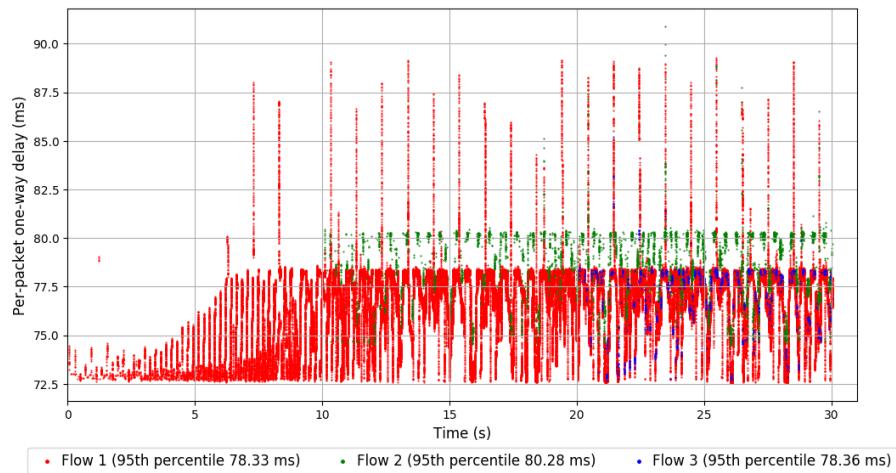
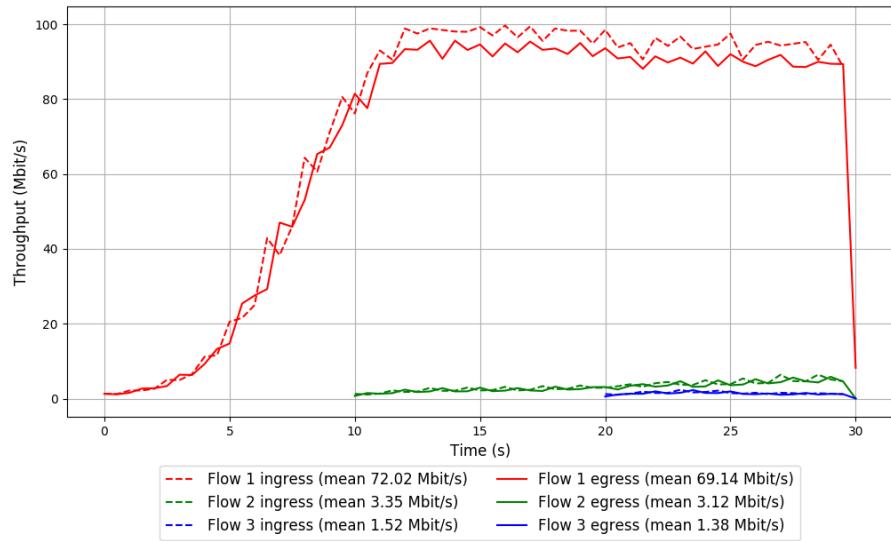


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 21:39:29 +0000
End at: Sun, 09 Jul 2017 21:39:59 +0000
Local clock offset: -0.076 ms
Remote clock offset: -3.791 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.67 Mbit/s
95th percentile per-packet one-way delay: 78.356 ms
Loss rate: 4.11%
-- Flow 1:
Average throughput: 69.14 Mbit/s
95th percentile per-packet one-way delay: 78.325 ms
Loss rate: 3.99%
-- Flow 2:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 80.278 ms
Loss rate: 6.96%
-- Flow 3:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 78.356 ms
Loss rate: 9.15%
```

Run 6: Report of CalibratedKoho — Data Link

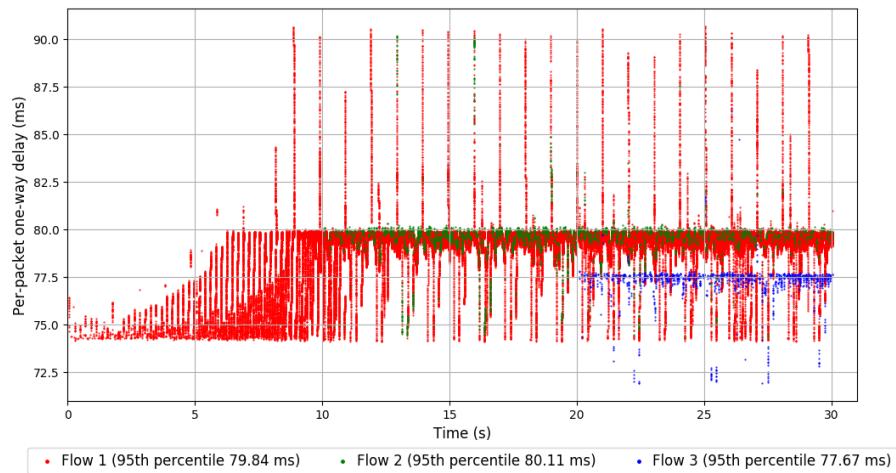
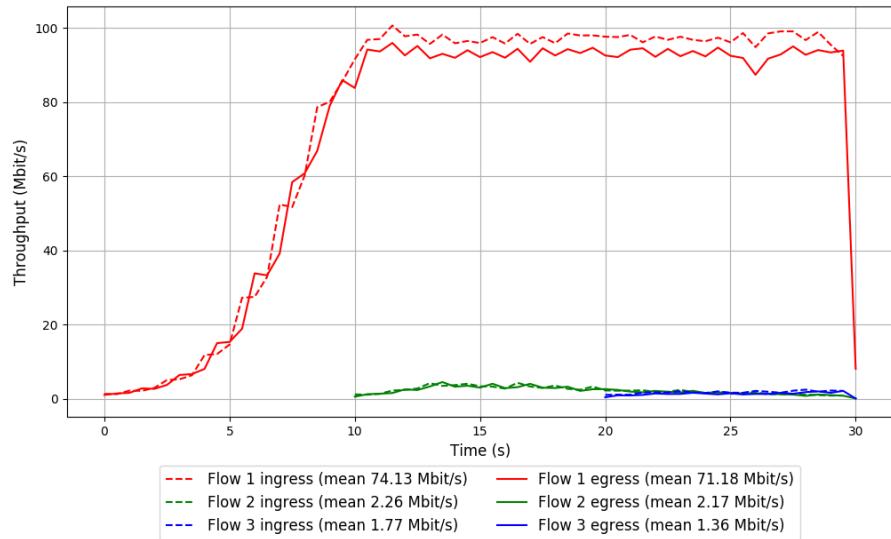


```
Run 7: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 21:59:11 +0000
End at: Sun, 09 Jul 2017 21:59:41 +0000
Local clock offset: 1.134 ms
Remote clock offset: -3.251 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.07 Mbit/s
95th percentile per-packet one-way delay: 79.845 ms
Loss rate: 4.13%
-- Flow 1:
Average throughput: 71.18 Mbit/s
95th percentile per-packet one-way delay: 79.839 ms
Loss rate: 3.98%
-- Flow 2:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 80.107 ms
Loss rate: 4.18%
-- Flow 3:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 77.670 ms
Loss rate: 23.09%
```

Run 7: Report of CalibratedKoho — Data Link

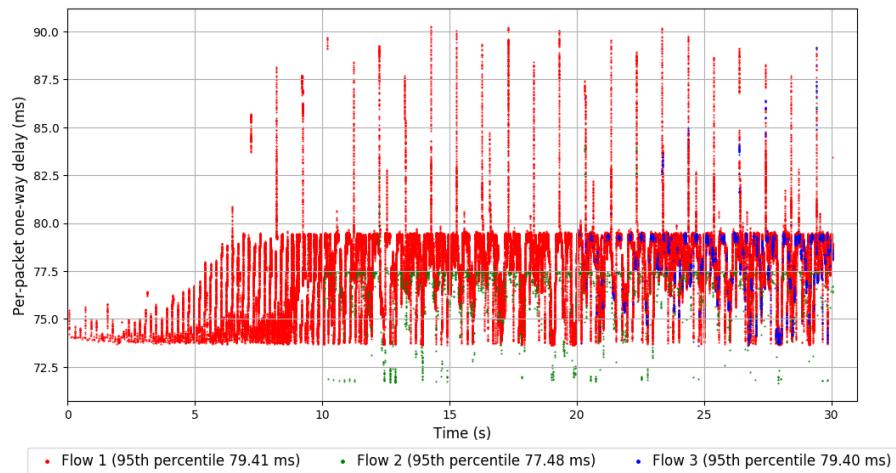
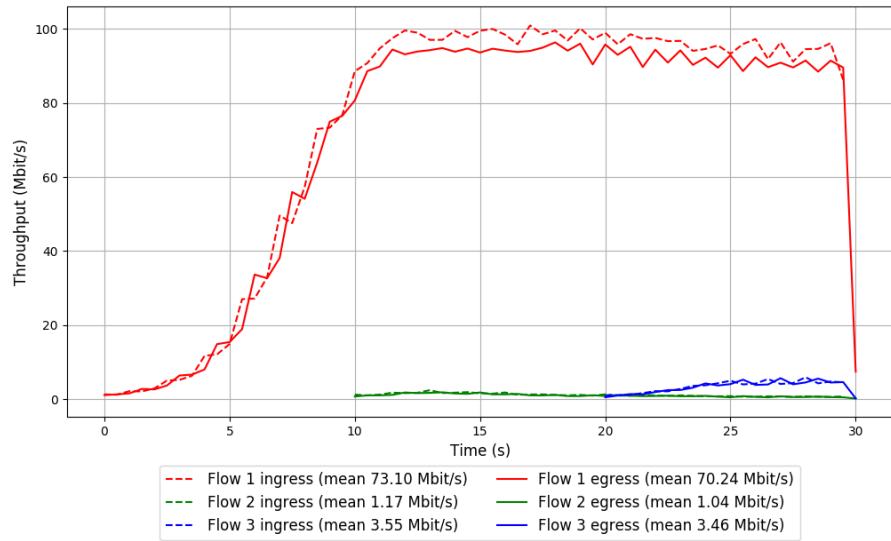


Run 8: Statistics of CalibratedKoho

```
Start at: Sun, 09 Jul 2017 22:18:54 +0000
End at: Sun, 09 Jul 2017 22:19:24 +0000
Local clock offset: -0.068 ms
Remote clock offset: -2.889 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.08 Mbit/s
95th percentile per-packet one-way delay: 79.412 ms
Loss rate: 3.94%
-- Flow 1:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 79.413 ms
Loss rate: 3.88%
-- Flow 2:
Average throughput: 1.04 Mbit/s
95th percentile per-packet one-way delay: 77.479 ms
Loss rate: 11.37%
-- Flow 3:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 79.398 ms
Loss rate: 2.62%
```

Run 8: Report of CalibratedKoho — Data Link

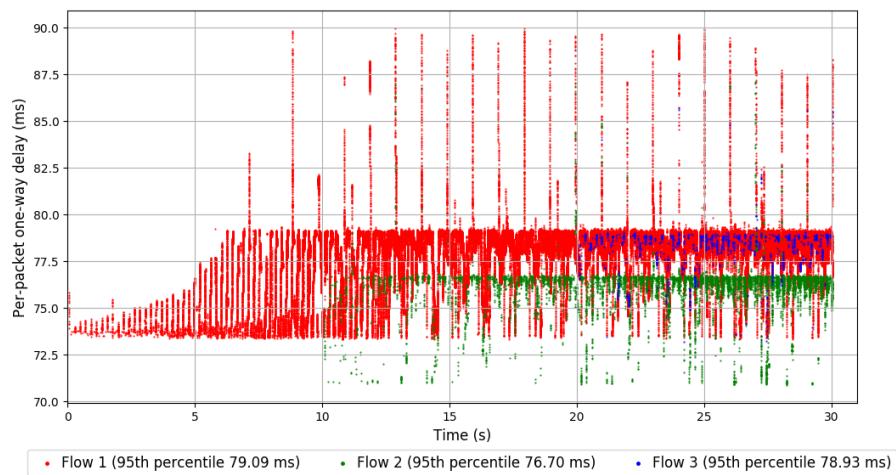
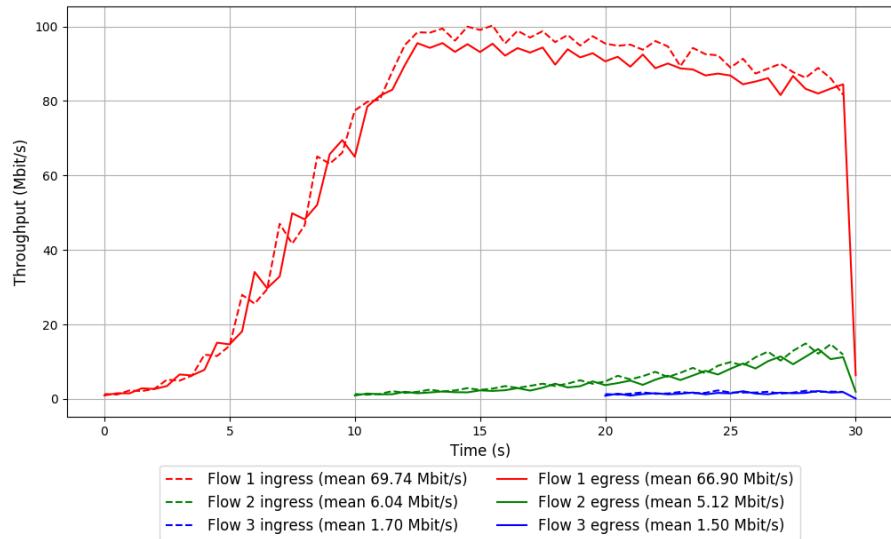


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 22:38:35 +0000
End at: Sun, 09 Jul 2017 22:39:05 +0000
Local clock offset: 0.901 ms
Remote clock offset: -2.349 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.81 Mbit/s
95th percentile per-packet one-way delay: 79.087 ms
Loss rate: 4.71%
-- Flow 1:
Average throughput: 66.90 Mbit/s
95th percentile per-packet one-way delay: 79.089 ms
Loss rate: 4.06%
-- Flow 2:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 76.699 ms
Loss rate: 15.16%
-- Flow 3:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 78.930 ms
Loss rate: 11.51%
```

Run 9: Report of CalibratedKoho — Data Link

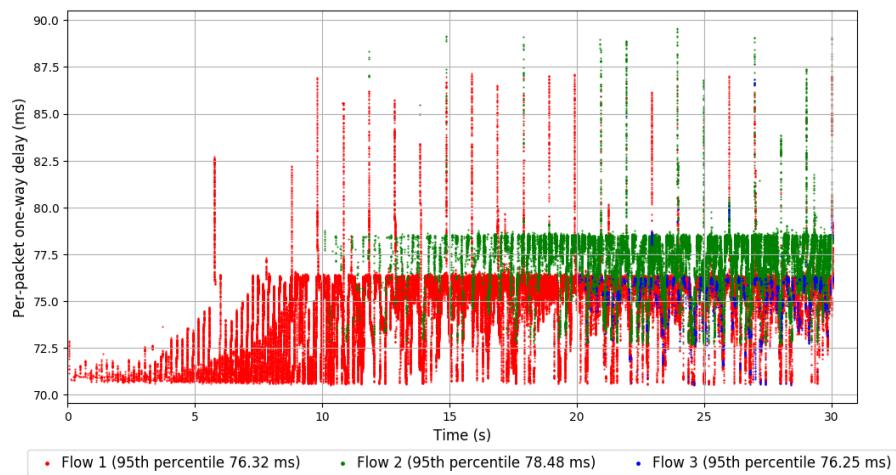
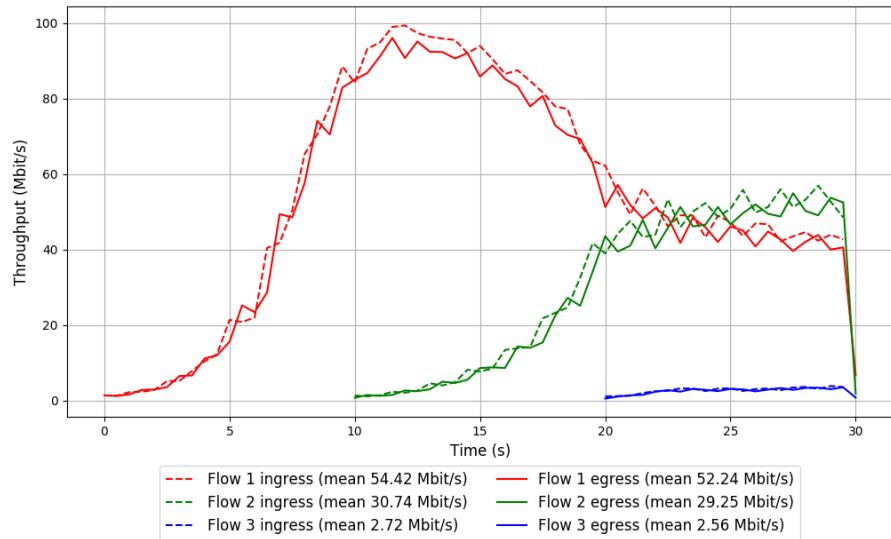


```
Run 10: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 22:58:33 +0000
End at: Sun, 09 Jul 2017 22:59:03 +0000
Local clock offset: 0.867 ms
Remote clock offset: -1.793 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 78.372 ms
Loss rate: 4.25%
-- Flow 1:
Average throughput: 52.24 Mbit/s
95th percentile per-packet one-way delay: 76.321 ms
Loss rate: 3.99%
-- Flow 2:
Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 78.477 ms
Loss rate: 4.86%
-- Flow 3:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 76.254 ms
Loss rate: 5.78%
```

Run 10: Report of CalibratedKoho — Data Link

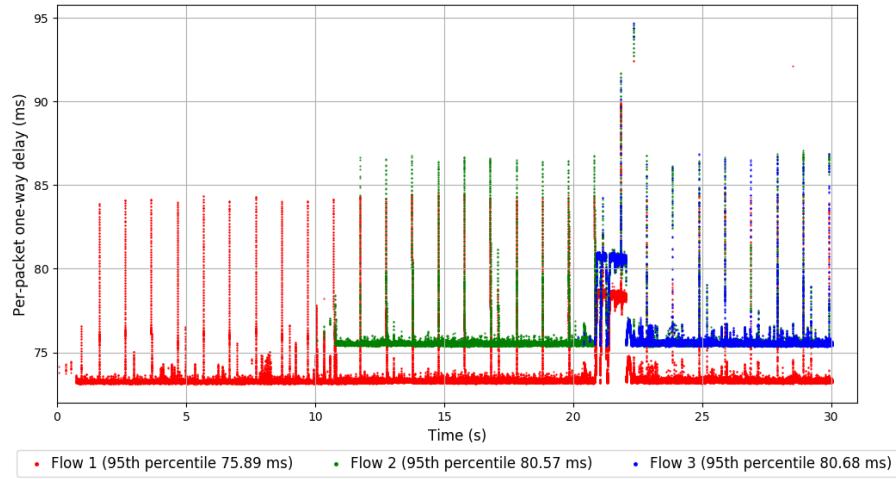
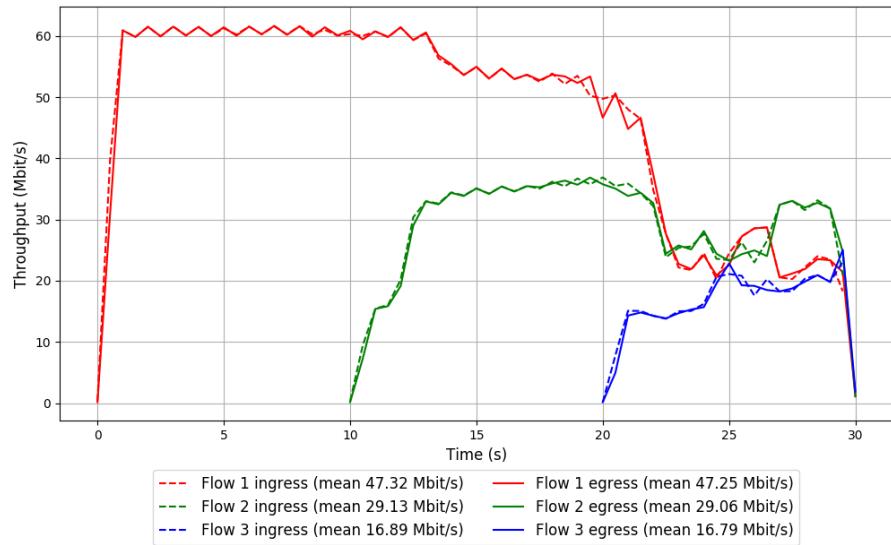


Run 1: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 20:15:20 +0000
End at: Sun, 09 Jul 2017 20:15:50 +0000
Local clock offset: -0.606 ms
Remote clock offset: -4.865 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:53:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.13 Mbit/s
95th percentile per-packet one-way delay: 78.310 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 75.893 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 29.06 Mbit/s
95th percentile per-packet one-way delay: 80.566 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 16.79 Mbit/s
95th percentile per-packet one-way delay: 80.678 ms
Loss rate: 0.54%
```

Run 1: Report of Copa — Data Link

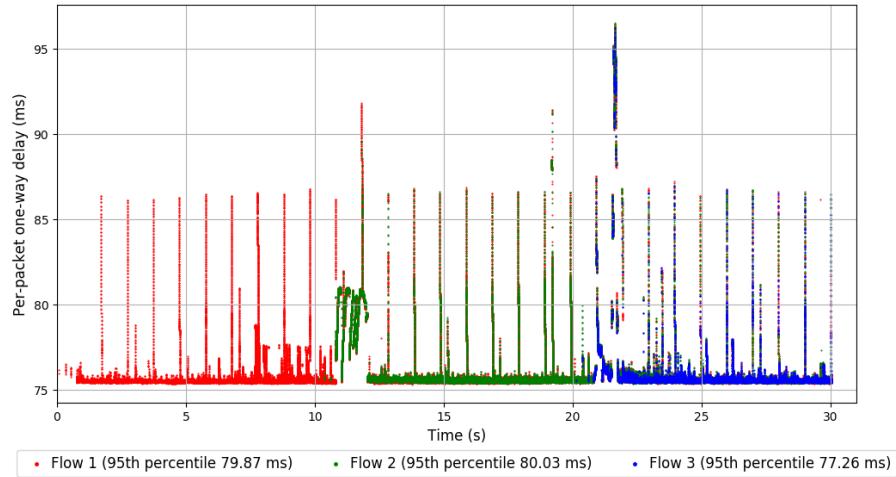
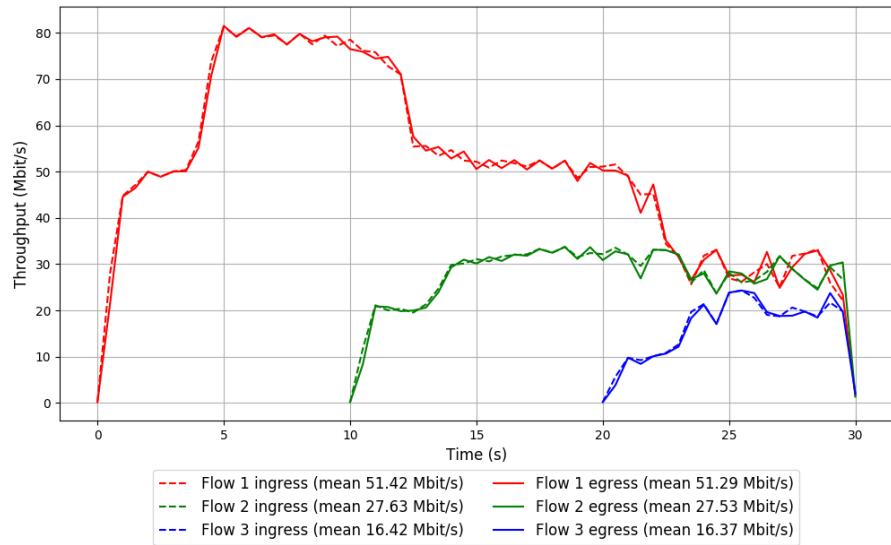


Run 2: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 20:35:02 +0000
End at: Sun, 09 Jul 2017 20:35:32 +0000
Local clock offset: -0.502 ms
Remote clock offset: -4.881 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.00 Mbit/s
95th percentile per-packet one-way delay: 79.757 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 51.29 Mbit/s
95th percentile per-packet one-way delay: 79.868 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 27.53 Mbit/s
95th percentile per-packet one-way delay: 80.025 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 16.37 Mbit/s
95th percentile per-packet one-way delay: 77.264 ms
Loss rate: 0.32%
```

Run 2: Report of Copa — Data Link

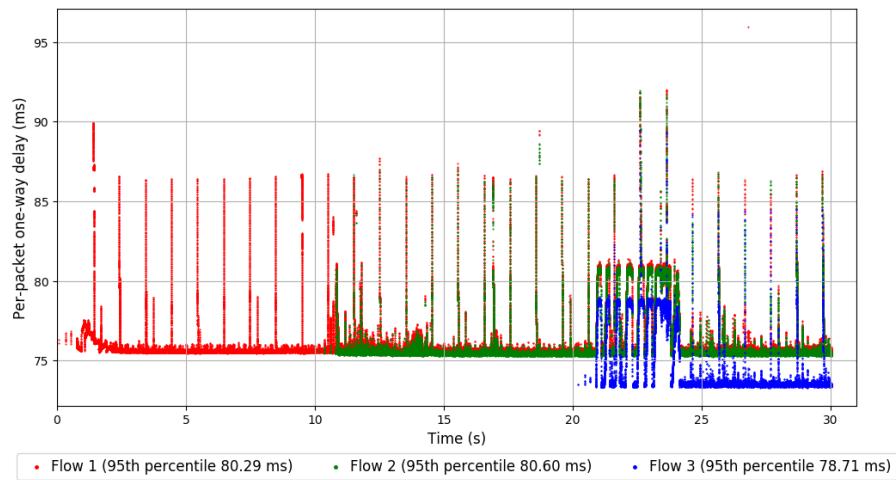
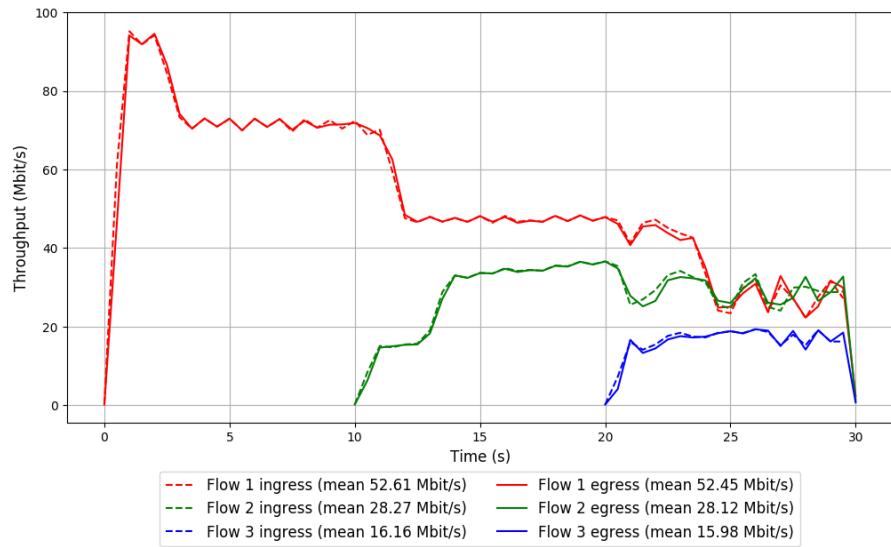


Run 3: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 20:54:49 +0000
End at: Sun, 09 Jul 2017 20:55:19 +0000
Local clock offset: 0.613 ms
Remote clock offset: -5.013 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 80.492 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 52.45 Mbit/s
95th percentile per-packet one-way delay: 80.290 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 28.12 Mbit/s
95th percentile per-packet one-way delay: 80.596 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 78.710 ms
Loss rate: 1.11%
```

Run 3: Report of Copa — Data Link

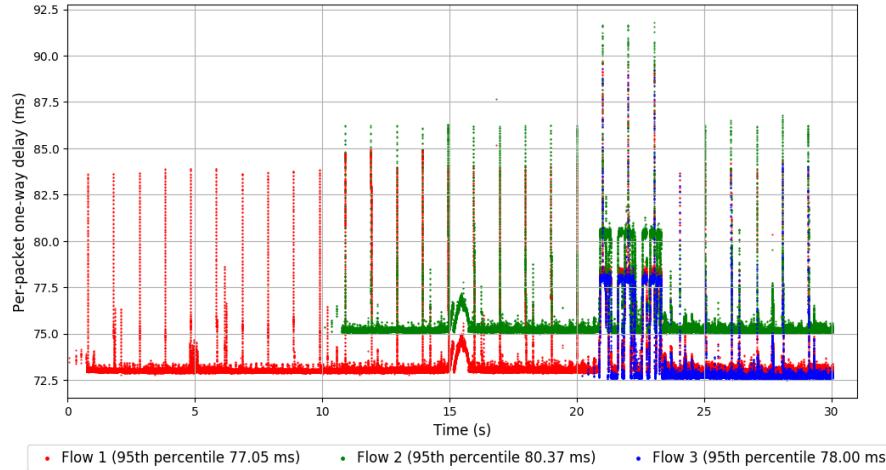
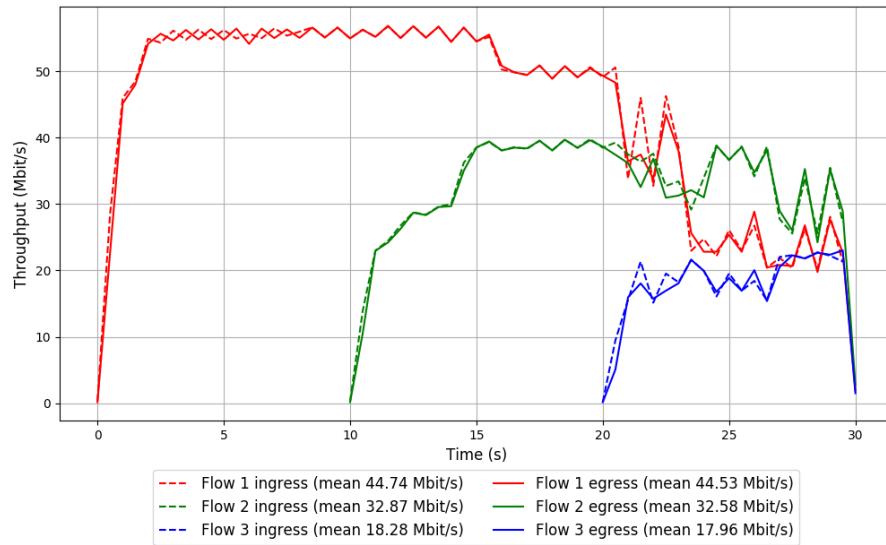


Run 4: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 21:14:26 +0000
End at: Sun, 09 Jul 2017 21:14:56 +0000
Local clock offset: -0.395 ms
Remote clock offset: -4.47 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.10 Mbit/s
95th percentile per-packet one-way delay: 78.159 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 44.53 Mbit/s
95th percentile per-packet one-way delay: 77.048 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 32.58 Mbit/s
95th percentile per-packet one-way delay: 80.368 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 17.96 Mbit/s
95th percentile per-packet one-way delay: 77.997 ms
Loss rate: 1.73%
```

Run 4: Report of Copa — Data Link

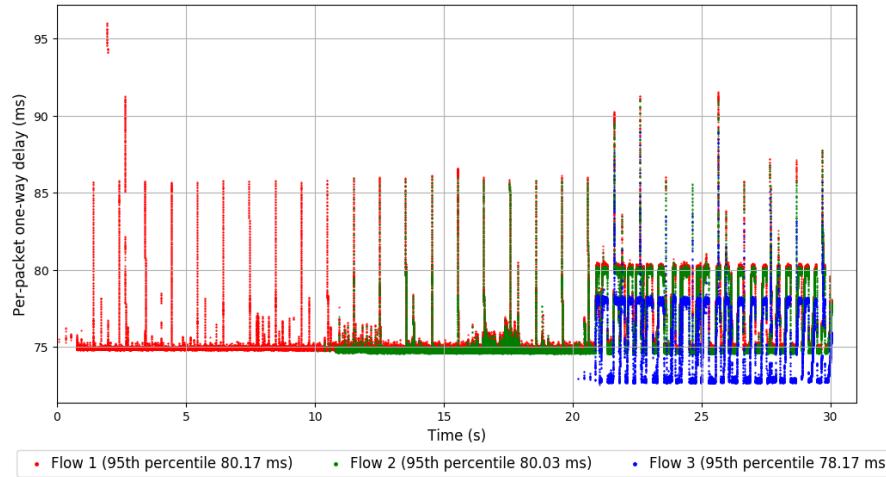
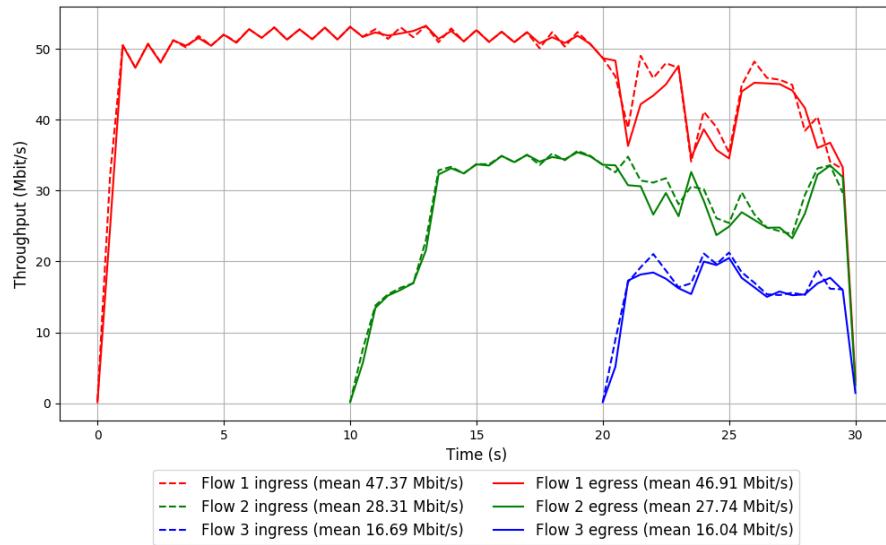


Run 5: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 21:34:06 +0000
End at: Sun, 09 Jul 2017 21:34:36 +0000
Local clock offset: 1.062 ms
Remote clock offset: -3.925 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.63 Mbit/s
95th percentile per-packet one-way delay: 80.126 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 80.170 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 27.74 Mbit/s
95th percentile per-packet one-way delay: 80.025 ms
Loss rate: 2.00%
-- Flow 3:
Average throughput: 16.04 Mbit/s
95th percentile per-packet one-way delay: 78.168 ms
Loss rate: 3.86%
```

Run 5: Report of Copa — Data Link

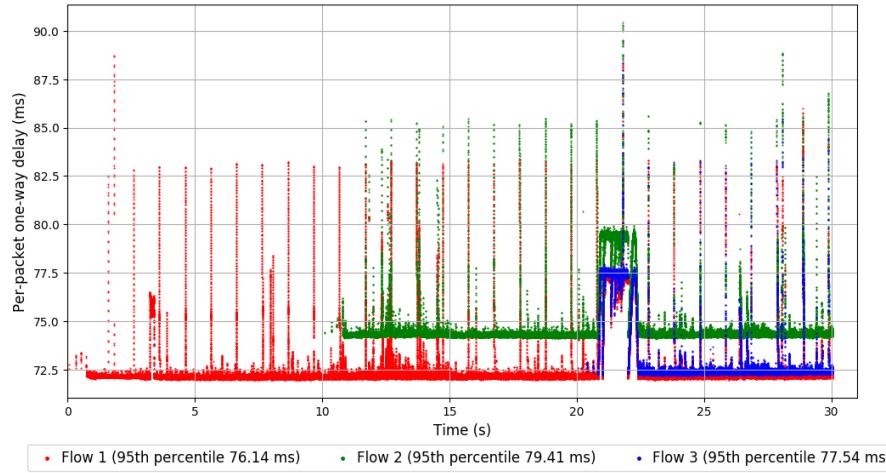
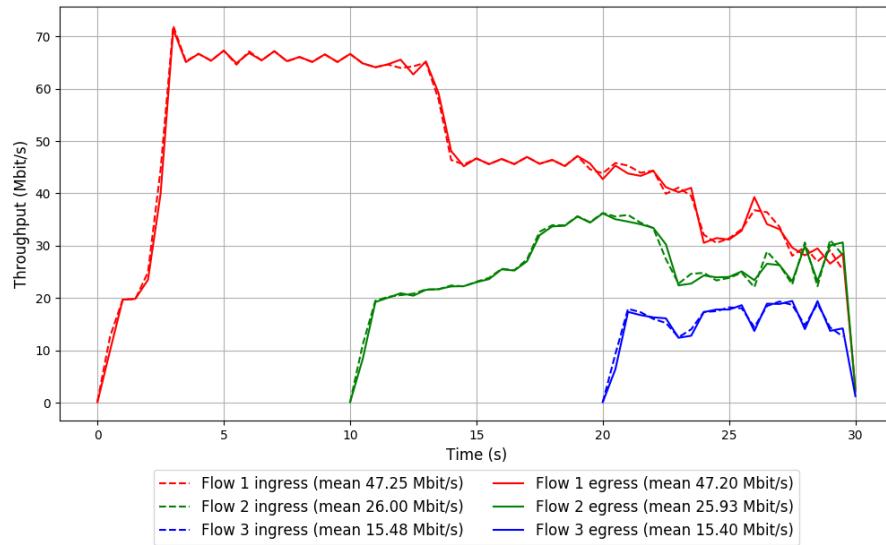


Run 6: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 21:53:48 +0000
End at: Sun, 09 Jul 2017 21:54:18 +0000
Local clock offset: -0.13 ms
Remote clock offset: -3.424 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.51 Mbit/s
95th percentile per-packet one-way delay: 77.326 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 76.141 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 25.93 Mbit/s
95th percentile per-packet one-way delay: 79.406 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 15.40 Mbit/s
95th percentile per-packet one-way delay: 77.536 ms
Loss rate: 0.57%
```

Run 6: Report of Copa — Data Link

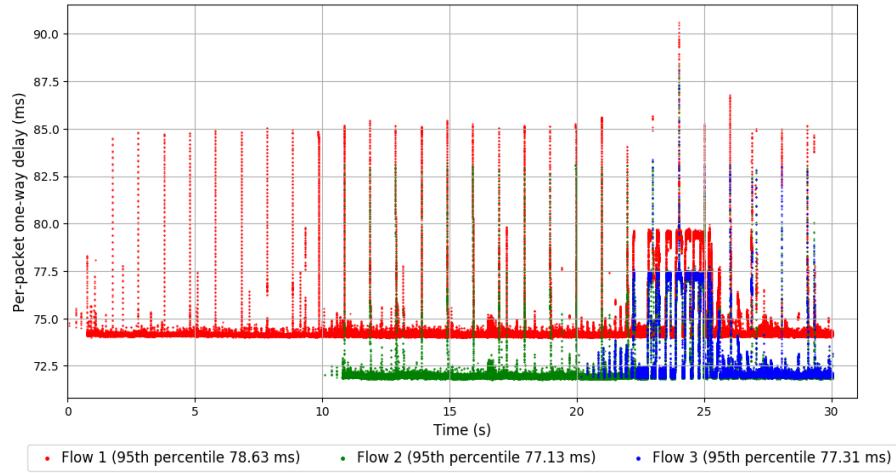
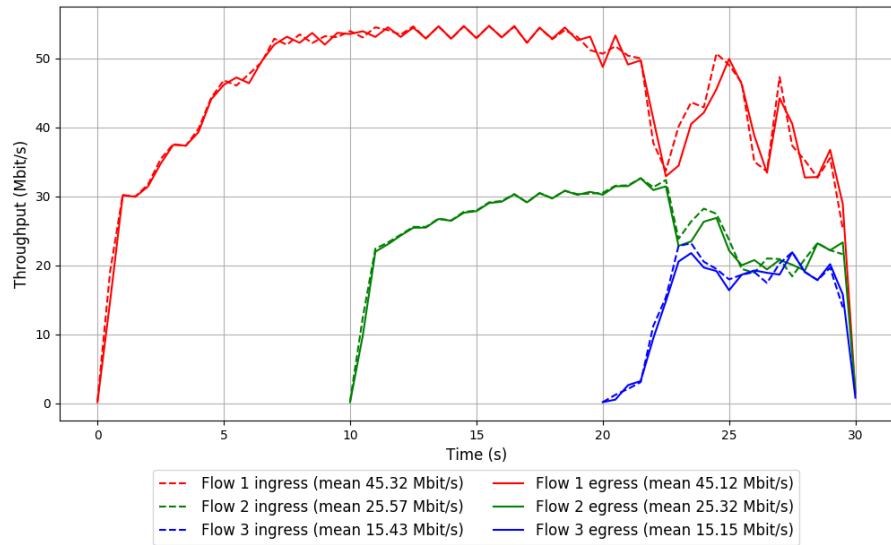


Run 7: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 22:13:30 +0000
End at: Sun, 09 Jul 2017 22:14:00 +0000
Local clock offset: -0.071 ms
Remote clock offset: -3.053 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.94 Mbit/s
95th percentile per-packet one-way delay: 77.304 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 45.12 Mbit/s
95th percentile per-packet one-way delay: 78.627 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 25.32 Mbit/s
95th percentile per-packet one-way delay: 77.134 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 15.15 Mbit/s
95th percentile per-packet one-way delay: 77.305 ms
Loss rate: 1.80%
```

Run 7: Report of Copa — Data Link

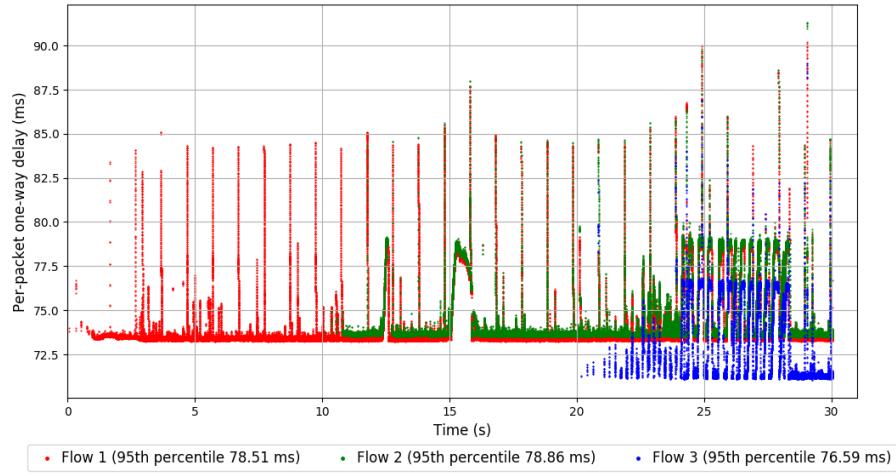
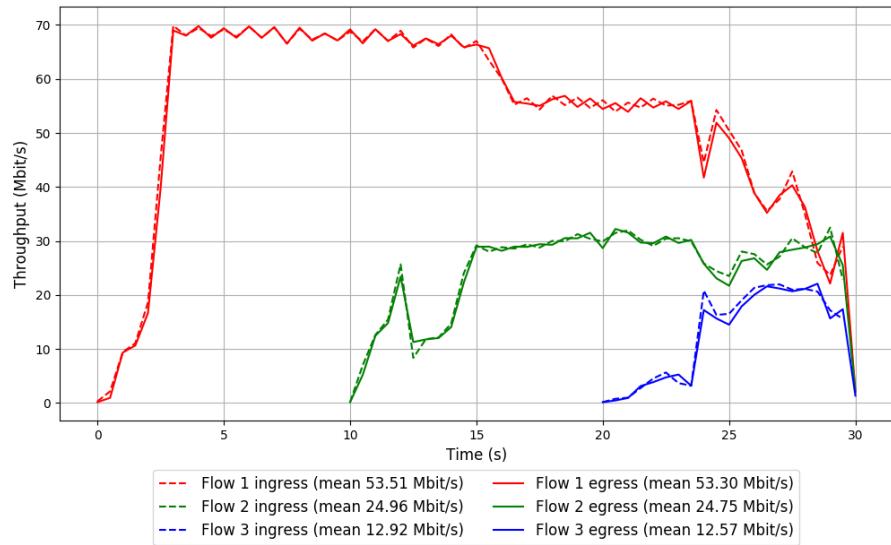


Run 8: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 22:33:10 +0000
End at: Sun, 09 Jul 2017 22:33:40 +0000
Local clock offset: 0.035 ms
Remote clock offset: -2.564 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:54:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.90 Mbit/s
95th percentile per-packet one-way delay: 78.607 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 53.30 Mbit/s
95th percentile per-packet one-way delay: 78.507 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 78.857 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 12.57 Mbit/s
95th percentile per-packet one-way delay: 76.586 ms
Loss rate: 2.69%
```

Run 8: Report of Copa — Data Link

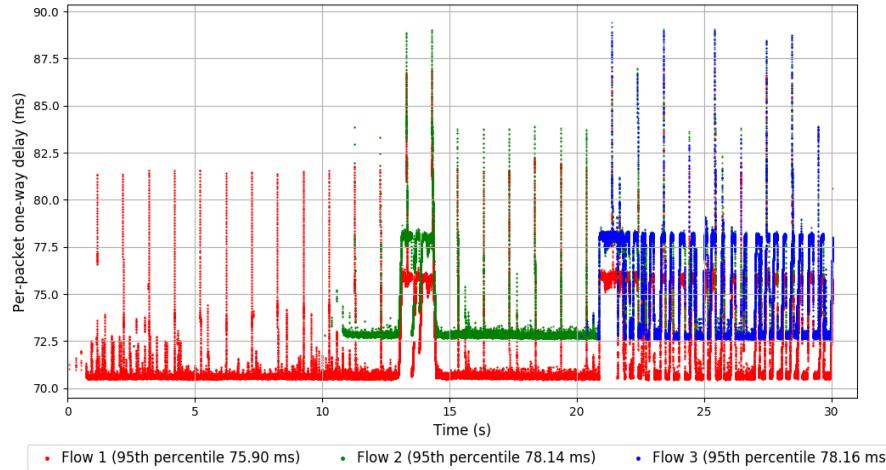
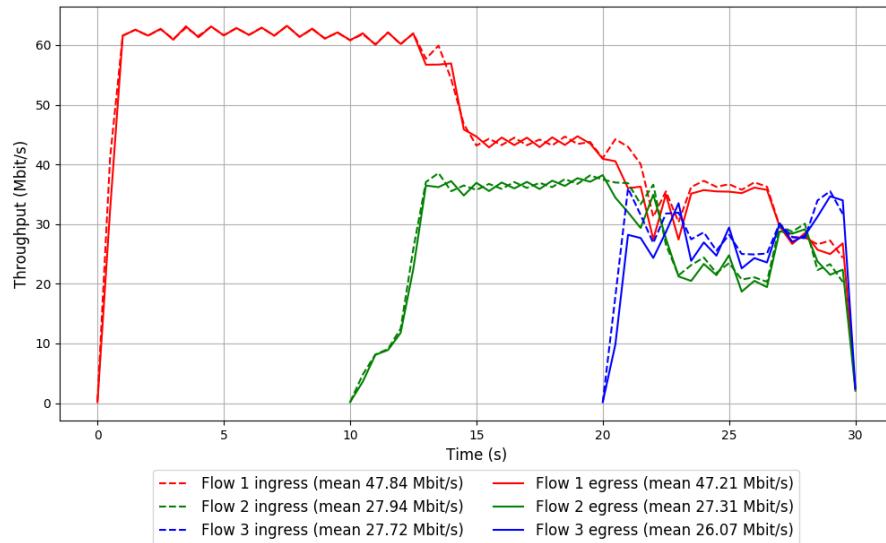


Run 9: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 22:53:05 +0000
End at: Sun, 09 Jul 2017 22:53:35 +0000
Local clock offset: 1.048 ms
Remote clock offset: -1.944 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.96 Mbit/s
95th percentile per-packet one-way delay: 78.042 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 75.897 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 27.31 Mbit/s
95th percentile per-packet one-way delay: 78.135 ms
Loss rate: 2.22%
-- Flow 3:
Average throughput: 26.07 Mbit/s
95th percentile per-packet one-way delay: 78.160 ms
Loss rate: 5.93%
```

Run 9: Report of Copa — Data Link

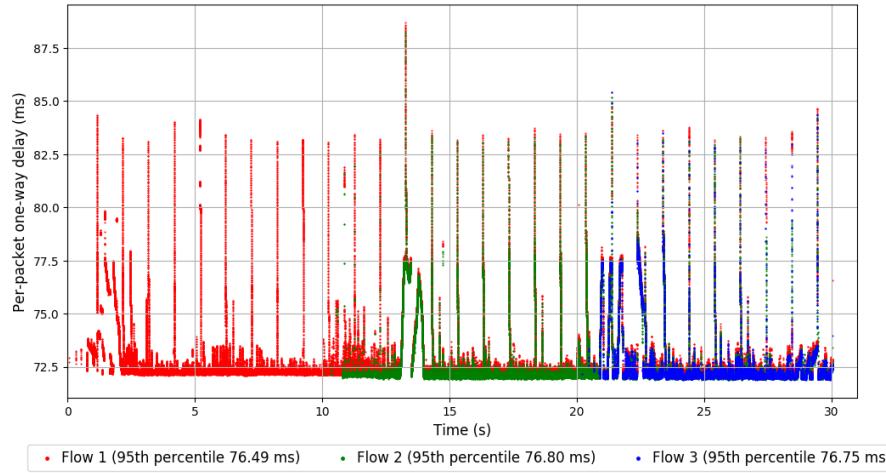
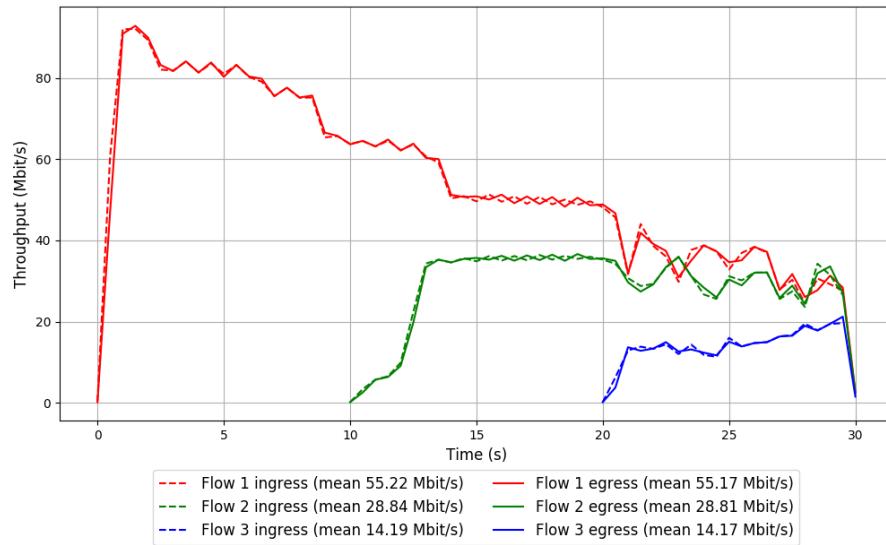


Run 10: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 23:13:00 +0000
End at: Sun, 09 Jul 2017 23:13:30 +0000
Local clock offset: -0.452 ms
Remote clock offset: -1.453 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.98 Mbit/s
95th percentile per-packet one-way delay: 76.603 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 76.490 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 76.800 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 14.17 Mbit/s
95th percentile per-packet one-way delay: 76.746 ms
Loss rate: 0.17%
```

Run 10: Report of Copa — Data Link

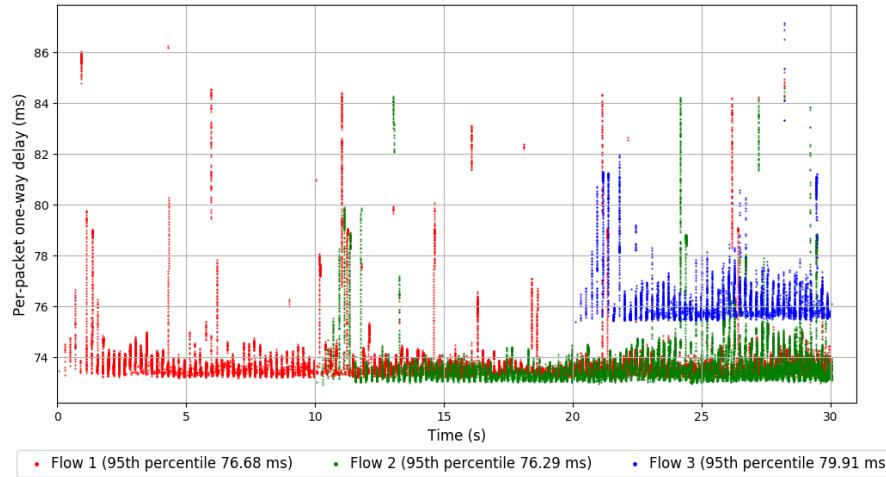
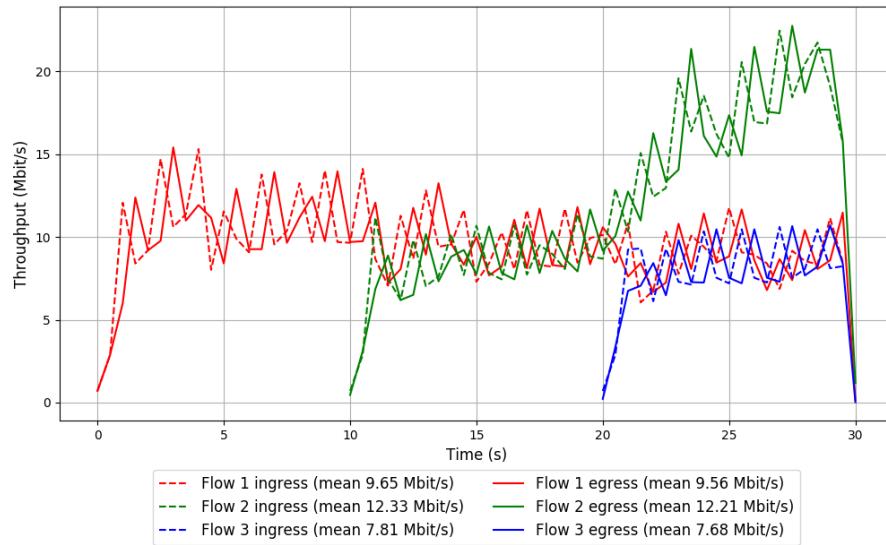


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Sun, 09 Jul 2017 20:12:45 +0000
End at: Sun, 09 Jul 2017 20:13:15 +0000
Local clock offset: -0.414 ms
Remote clock offset: -4.791 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.24 Mbit/s
95th percentile per-packet one-way delay: 77.373 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 76.679 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 76.294 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 7.68 Mbit/s
95th percentile per-packet one-way delay: 79.907 ms
Loss rate: 1.62%
```

Run 1: Report of TCP Cubic — Data Link

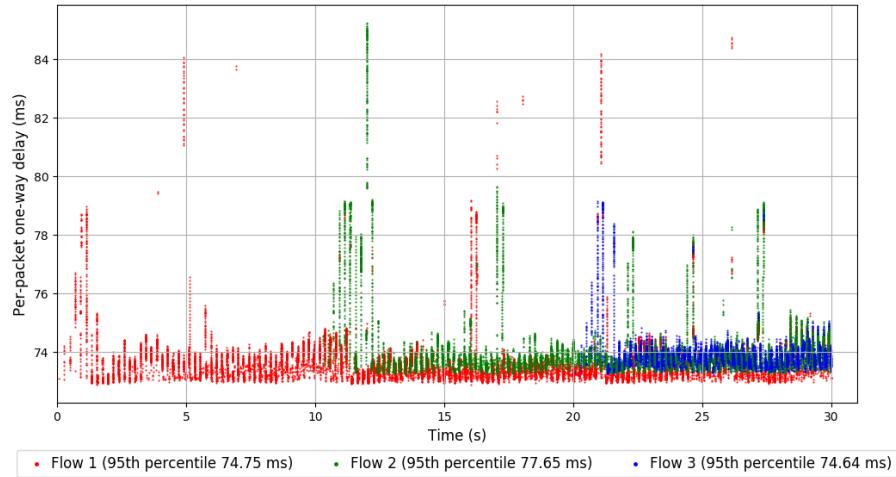
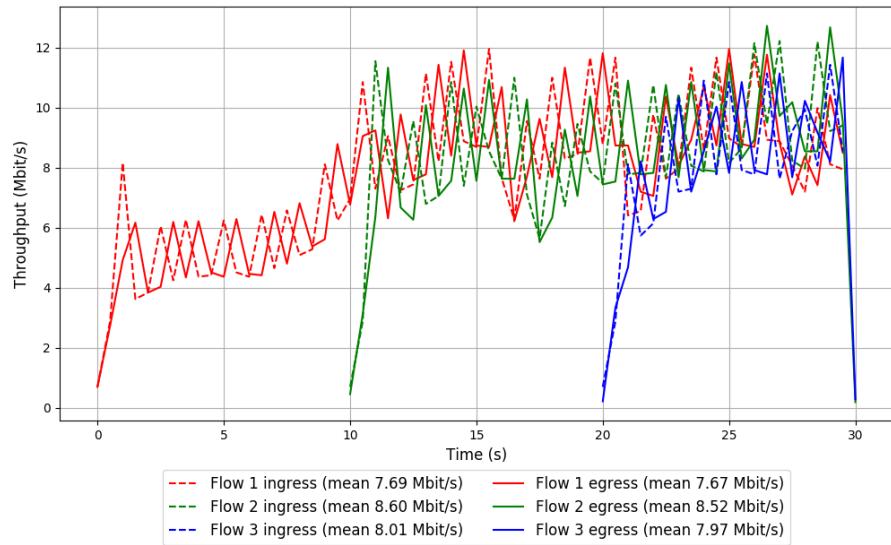


Run 2: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 20:32:27 +0000
End at: Sun, 09 Jul 2017 20:32:57 +0000
Local clock offset: 0.861 ms
Remote clock offset: -4.932 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 76.117 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 74.749 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 8.52 Mbit/s
95th percentile per-packet one-way delay: 77.651 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 74.642 ms
Loss rate: 0.53%
```

Run 2: Report of TCP Cubic — Data Link

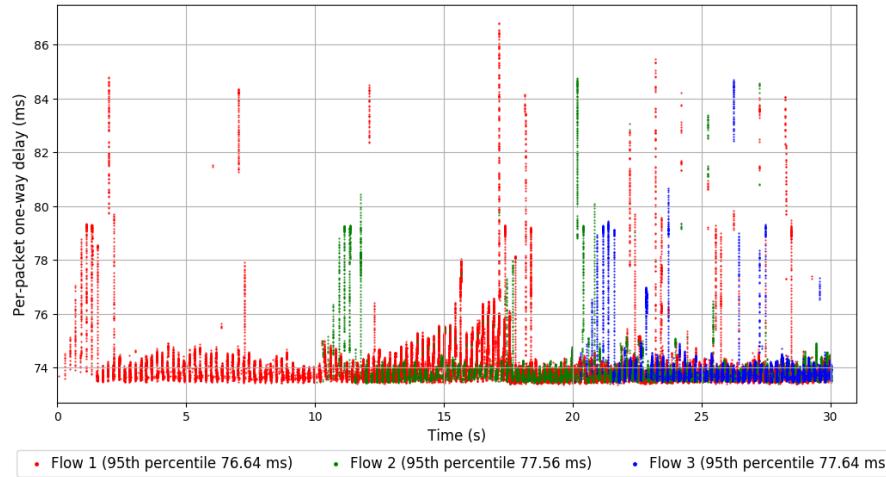
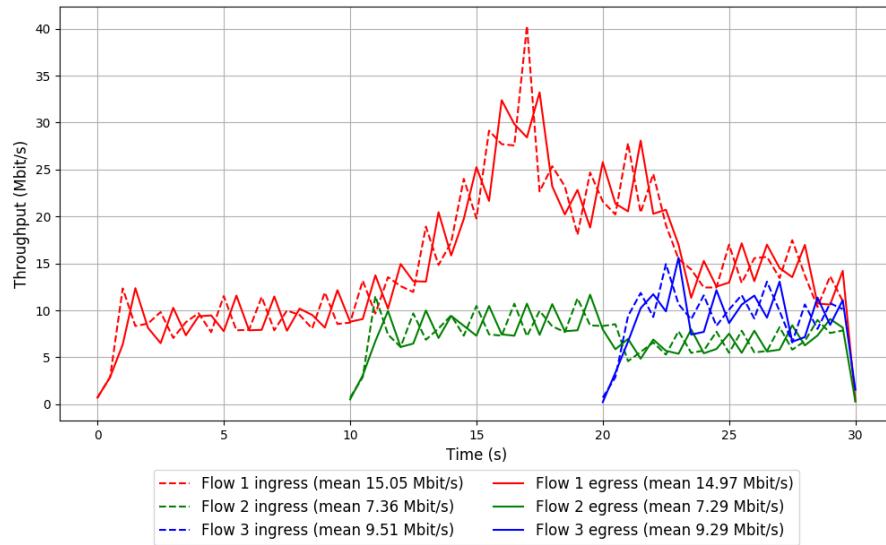


Run 3: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 20:52:14 +0000
End at: Sun, 09 Jul 2017 20:52:44 +0000
Local clock offset: 0.707 ms
Remote clock offset: -5.052 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.90 Mbit/s
95th percentile per-packet one-way delay: 76.937 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 76.635 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 77.558 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 9.29 Mbit/s
95th percentile per-packet one-way delay: 77.635 ms
Loss rate: 2.29%
```

Run 3: Report of TCP Cubic — Data Link

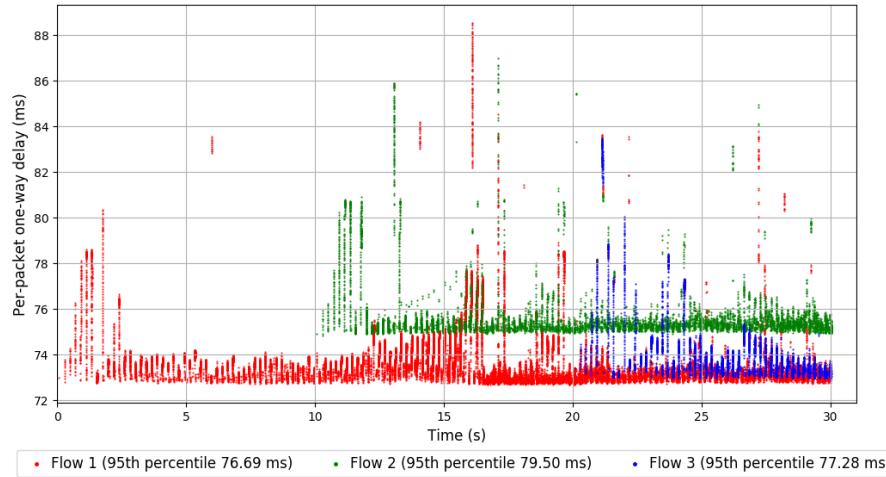
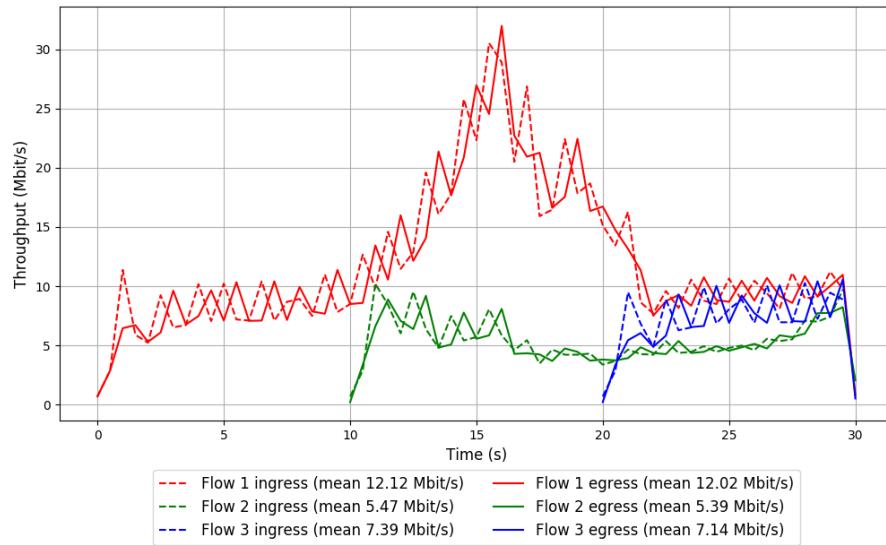


Run 4: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 21:11:51 +0000
End at: Sun, 09 Jul 2017 21:12:21 +0000
Local clock offset: 0.688 ms
Remote clock offset: -4.481 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.98 Mbit/s
95th percentile per-packet one-way delay: 77.131 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 76.685 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 79.504 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 7.14 Mbit/s
95th percentile per-packet one-way delay: 77.279 ms
Loss rate: 3.30%
```

Run 4: Report of TCP Cubic — Data Link

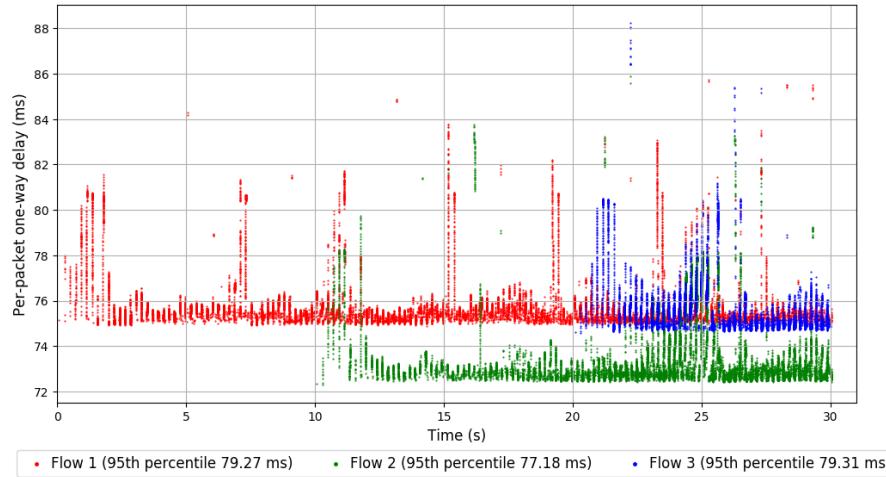
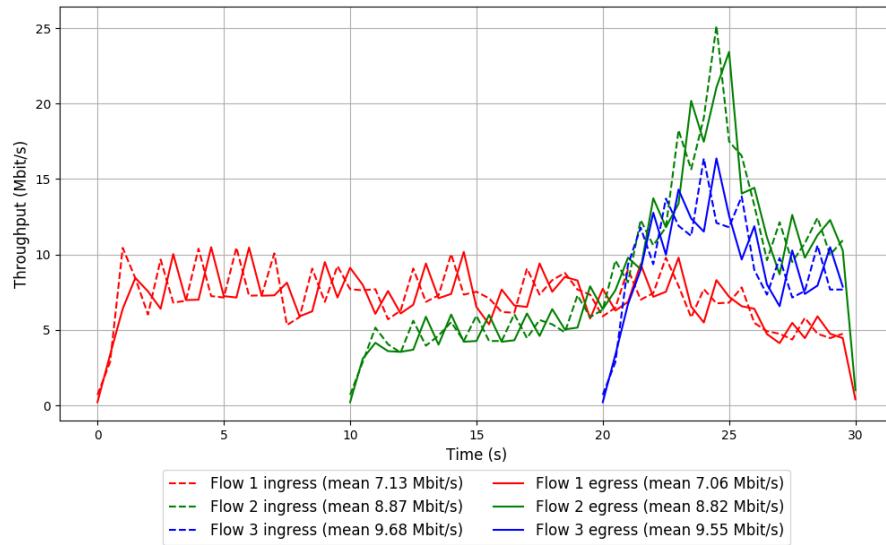


Run 5: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 21:31:32 +0000
End at: Sun, 09 Jul 2017 21:32:02 +0000
Local clock offset: -0.256 ms
Remote clock offset: -3.955 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.09 Mbit/s
95th percentile per-packet one-way delay: 78.115 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 7.06 Mbit/s
95th percentile per-packet one-way delay: 79.272 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 8.82 Mbit/s
95th percentile per-packet one-way delay: 77.180 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 9.55 Mbit/s
95th percentile per-packet one-way delay: 79.312 ms
Loss rate: 1.31%
```

Run 5: Report of TCP Cubic — Data Link

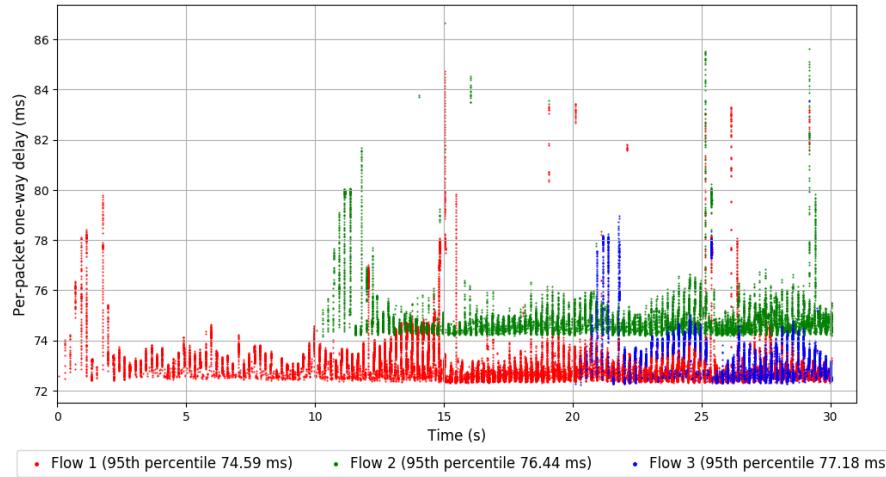
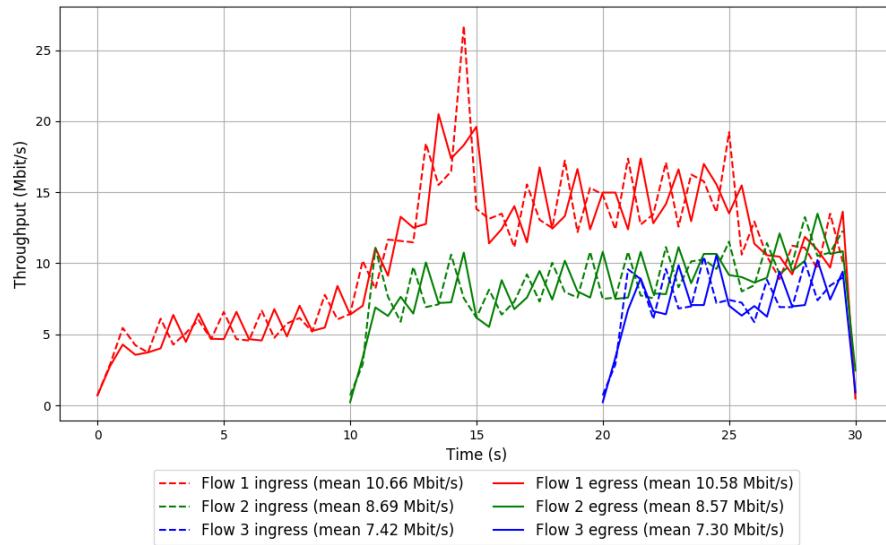


Run 6: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 21:51:13 +0000
End at: Sun, 09 Jul 2017 21:51:43 +0000
Local clock offset: -0.132 ms
Remote clock offset: -3.482 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.70 Mbit/s
95th percentile per-packet one-way delay: 75.882 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 10.58 Mbit/s
95th percentile per-packet one-way delay: 74.595 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 8.57 Mbit/s
95th percentile per-packet one-way delay: 76.444 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 77.181 ms
Loss rate: 1.66%
```

Run 6: Report of TCP Cubic — Data Link

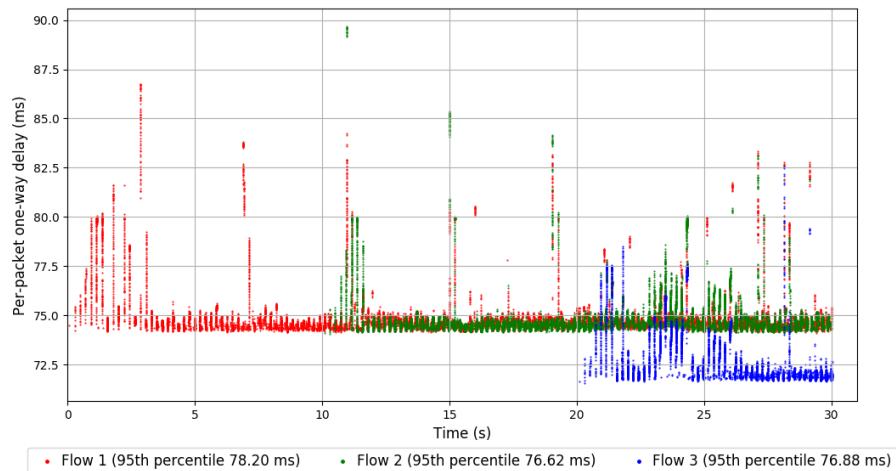
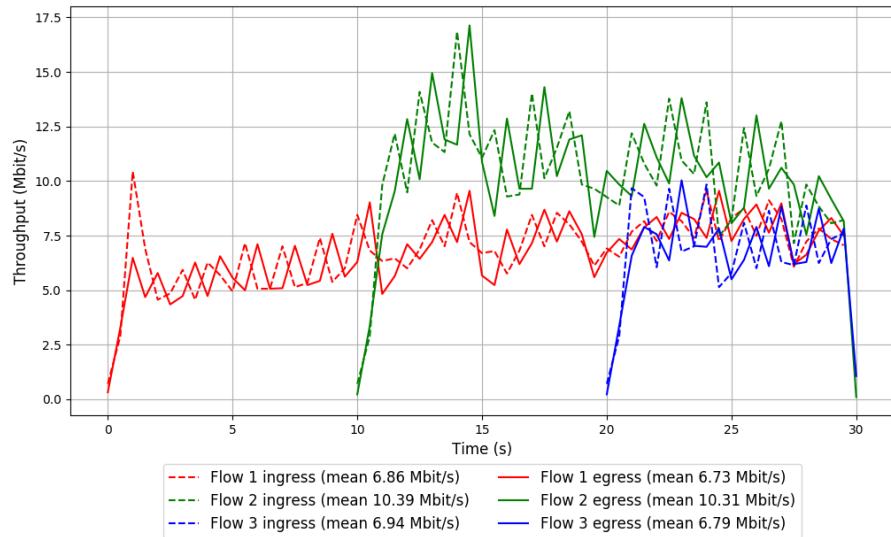


Run 7: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 22:10:56 +0000
End at: Sun, 09 Jul 2017 22:11:26 +0000
Local clock offset: 1.453 ms
Remote clock offset: -3.082 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 77.082 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 6.73 Mbit/s
95th percentile per-packet one-way delay: 78.203 ms
Loss rate: 1.82%
-- Flow 2:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: 76.624 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 6.79 Mbit/s
95th percentile per-packet one-way delay: 76.875 ms
Loss rate: 2.24%
```

Run 7: Report of TCP Cubic — Data Link

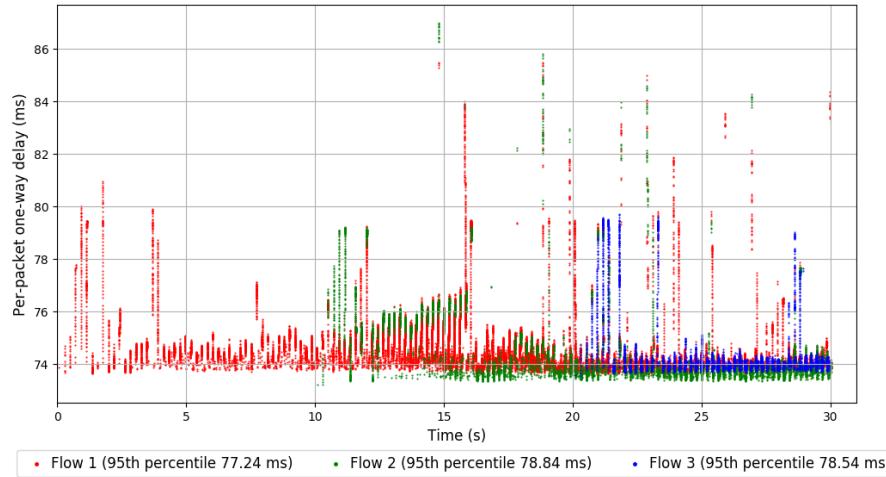
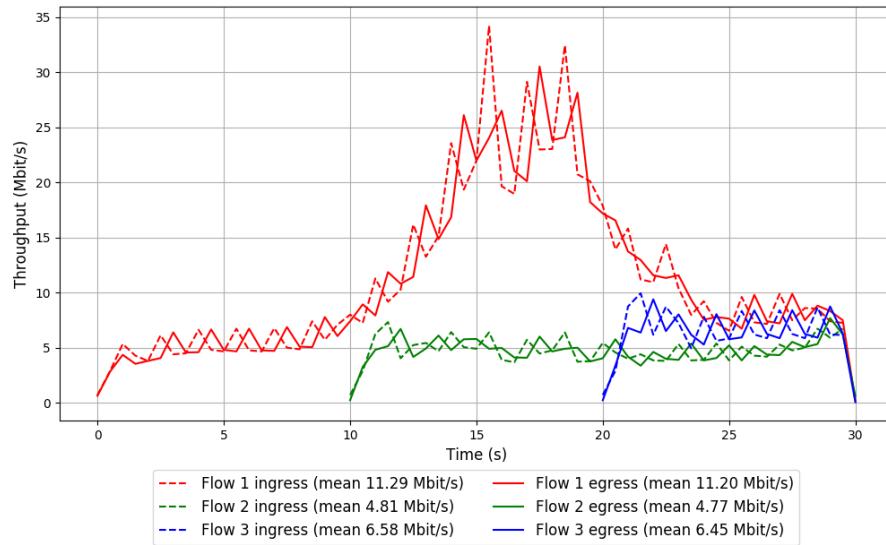


Run 8: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 22:30:35 +0000
End at: Sun, 09 Jul 2017 22:31:05 +0000
Local clock offset: -0.008 ms
Remote clock offset: -2.643 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.50 Mbit/s
95th percentile per-packet one-way delay: 77.844 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 11.20 Mbit/s
95th percentile per-packet one-way delay: 77.236 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 78.837 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 78.543 ms
Loss rate: 1.91%
```

Run 8: Report of TCP Cubic — Data Link

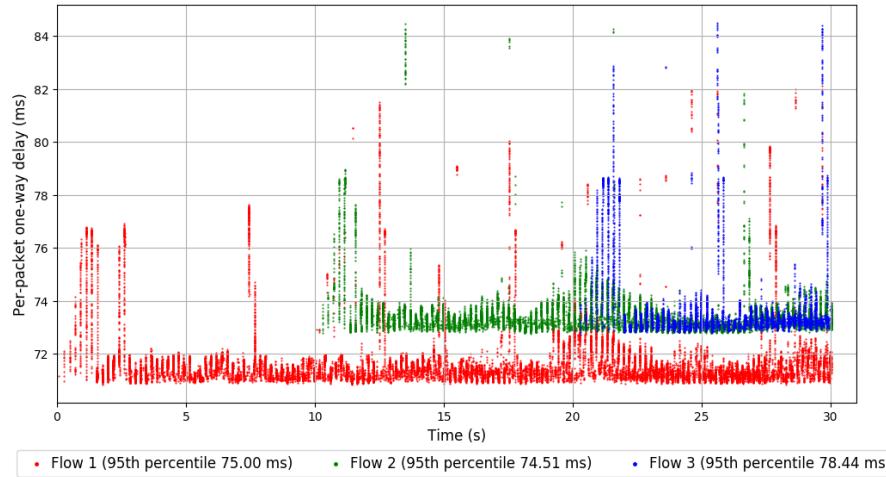
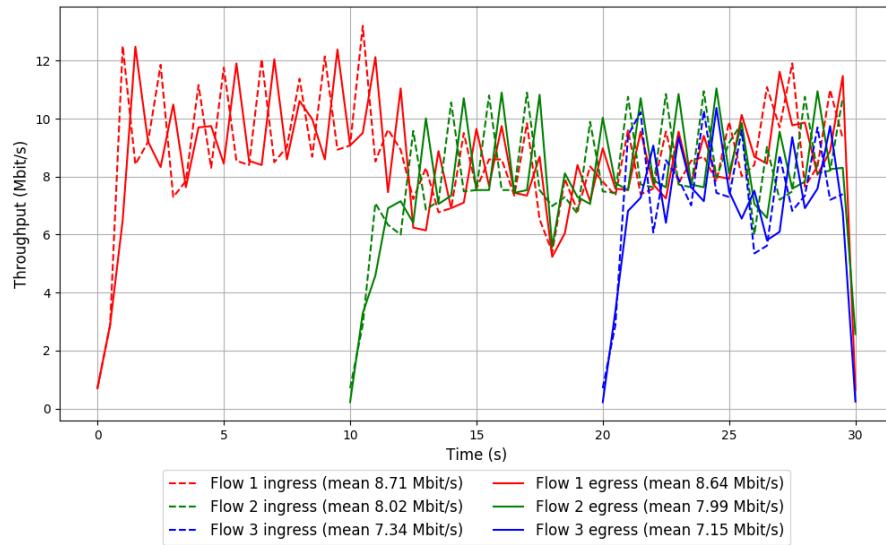


Run 9: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 22:50:31 +0000
End at: Sun, 09 Jul 2017 22:51:01 +0000
Local clock offset: -0.245 ms
Remote clock offset: -2.124 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.33 Mbit/s
95th percentile per-packet one-way delay: 75.538 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 74.996 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 7.99 Mbit/s
95th percentile per-packet one-way delay: 74.506 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 7.15 Mbit/s
95th percentile per-packet one-way delay: 78.443 ms
Loss rate: 2.64%
```

Run 9: Report of TCP Cubic — Data Link

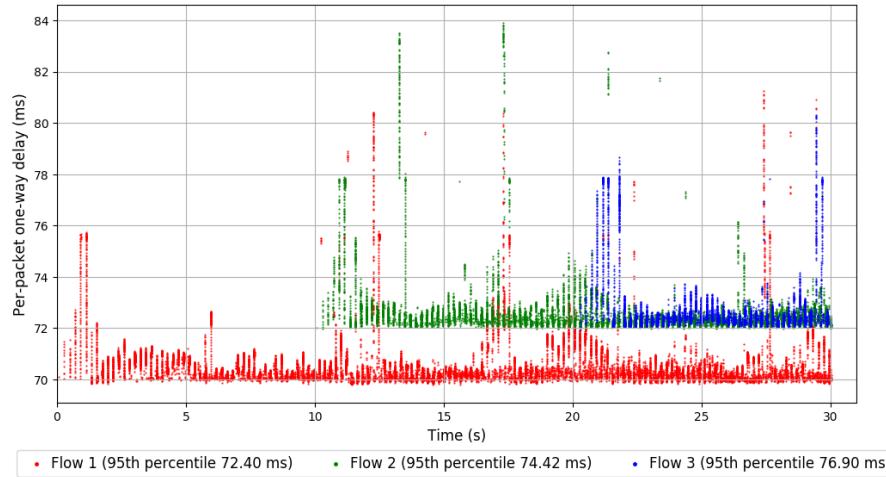
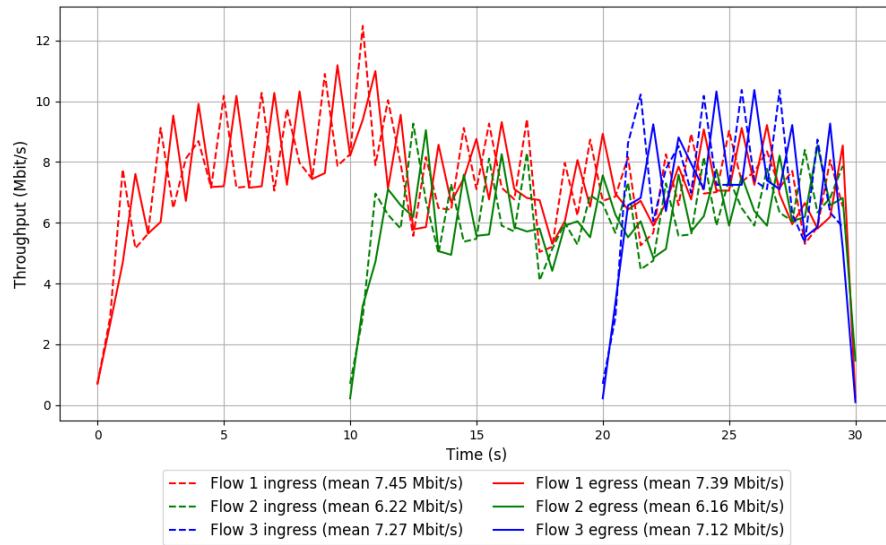


Run 10: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 23:10:26 +0000
End at: Sun, 09 Jul 2017 23:10:56 +0000
Local clock offset: 0.723 ms
Remote clock offset: -1.555 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.85 Mbit/s
95th percentile per-packet one-way delay: 73.914 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 7.39 Mbit/s
95th percentile per-packet one-way delay: 72.400 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 74.415 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 7.12 Mbit/s
95th percentile per-packet one-way delay: 76.900 ms
Loss rate: 2.06%
```

Run 10: Report of TCP Cubic — Data Link

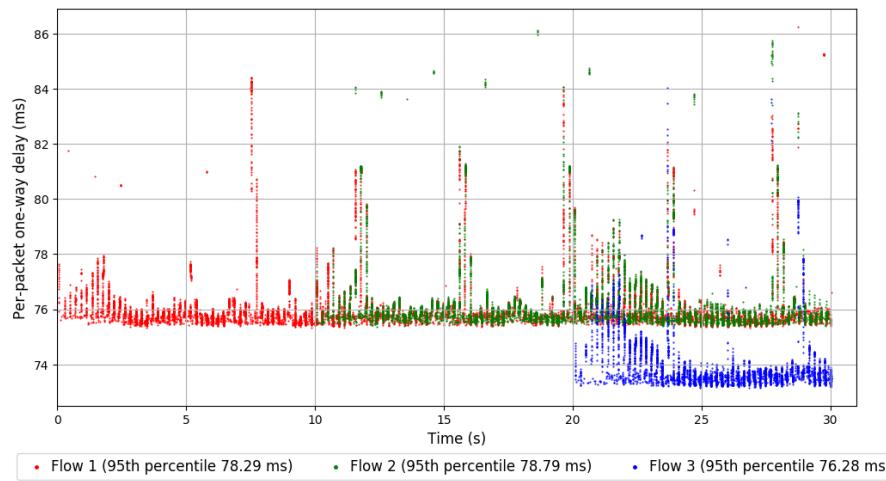
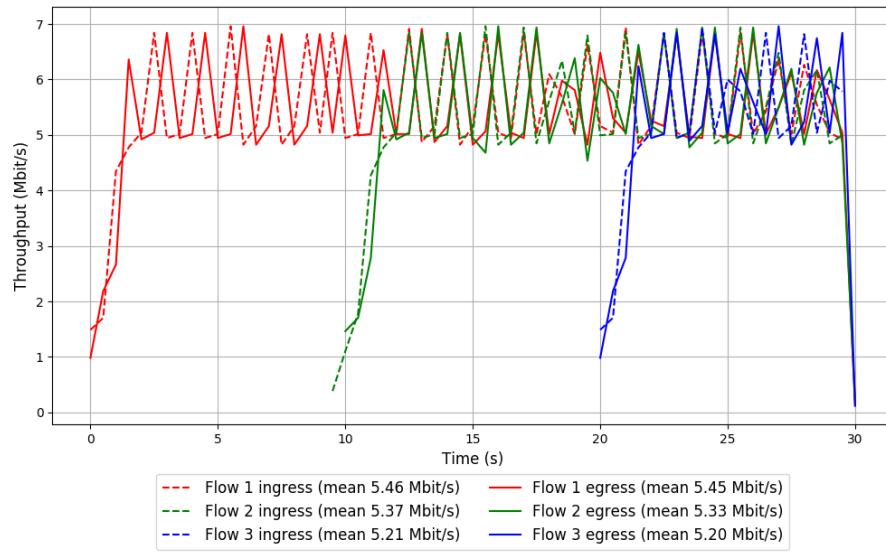


```
Run 1: Statistics of KohoCC
```

```
Start at: Sun, 09 Jul 2017 20:11:29 +0000
End at: Sun, 09 Jul 2017 20:11:59 +0000
Local clock offset: -0.597 ms
Remote clock offset: -4.821 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.72 Mbit/s
95th percentile per-packet one-way delay: 78.132 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 5.45 Mbit/s
95th percentile per-packet one-way delay: 78.292 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 5.33 Mbit/s
95th percentile per-packet one-way delay: 78.792 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 76.285 ms
Loss rate: 0.05%
```

Run 1: Report of KohoCC — Data Link

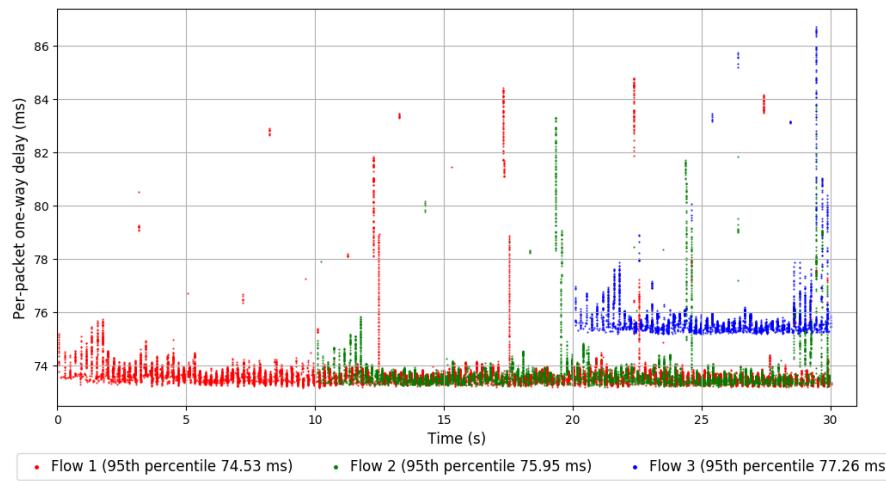
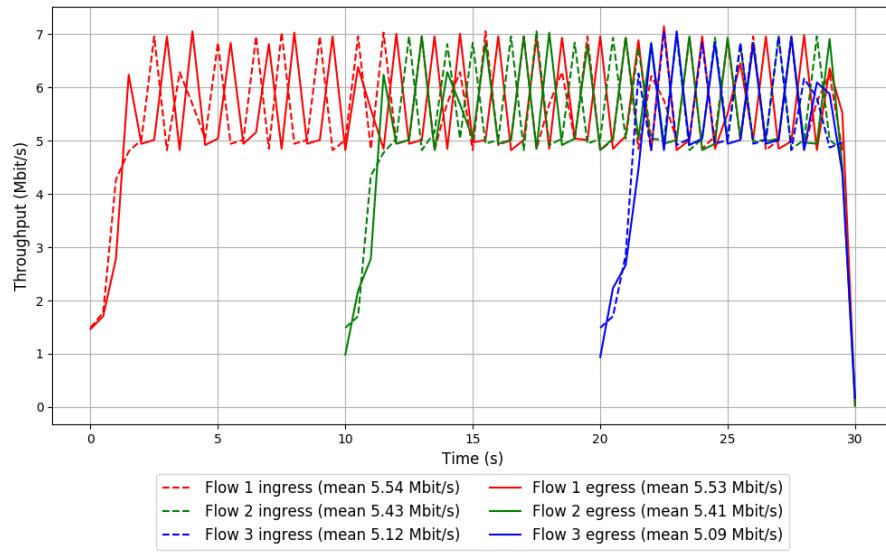


Run 2: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 20:31:11 +0000
End at: Sun, 09 Jul 2017 20:31:41 +0000
Local clock offset: -0.681 ms
Remote clock offset: -4.884 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 76.132 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 5.53 Mbit/s
95th percentile per-packet one-way delay: 74.527 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 5.41 Mbit/s
95th percentile per-packet one-way delay: 75.952 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 5.09 Mbit/s
95th percentile per-packet one-way delay: 77.260 ms
Loss rate: 0.47%
```

Run 2: Report of KohoCC — Data Link

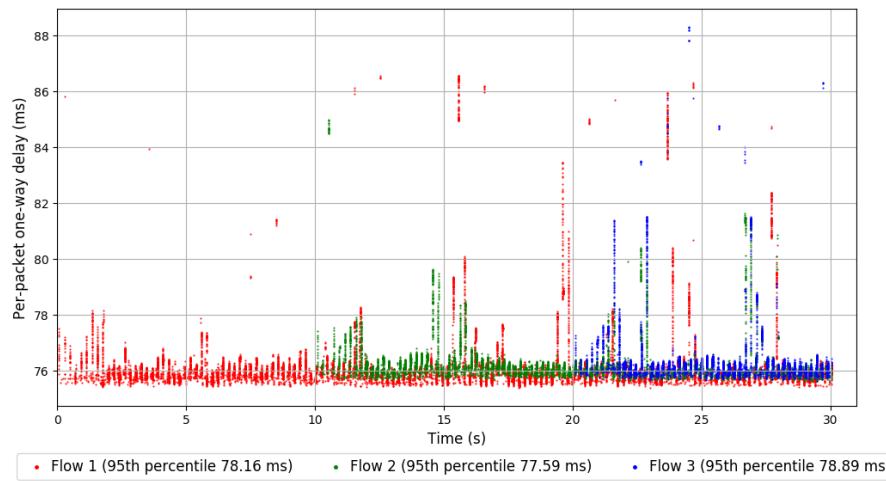
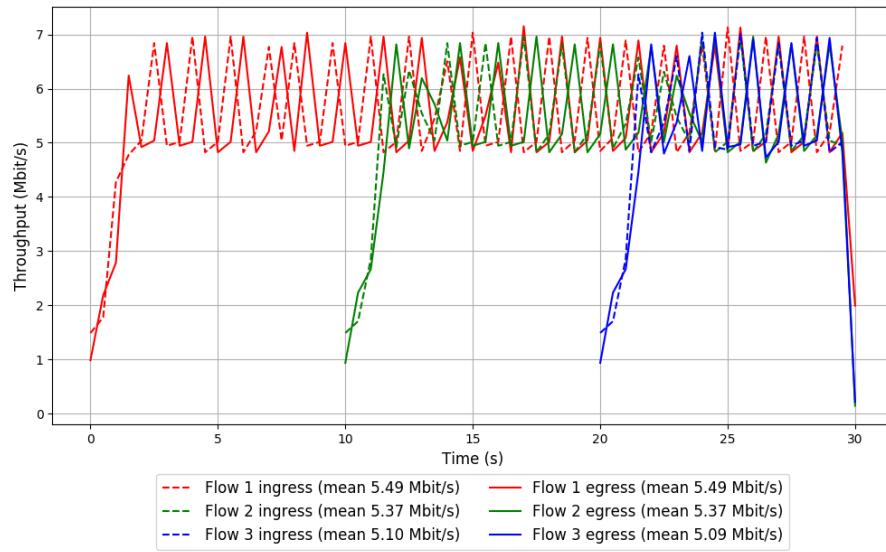


Run 3: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 20:50:58 +0000
End at: Sun, 09 Jul 2017 20:51:28 +0000
Local clock offset: -0.515 ms
Remote clock offset: -5.07 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.75 Mbit/s
95th percentile per-packet one-way delay: 78.095 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 5.49 Mbit/s
95th percentile per-packet one-way delay: 78.158 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 77.587 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 5.09 Mbit/s
95th percentile per-packet one-way delay: 78.887 ms
Loss rate: 0.24%
```

Run 3: Report of KohoCC — Data Link

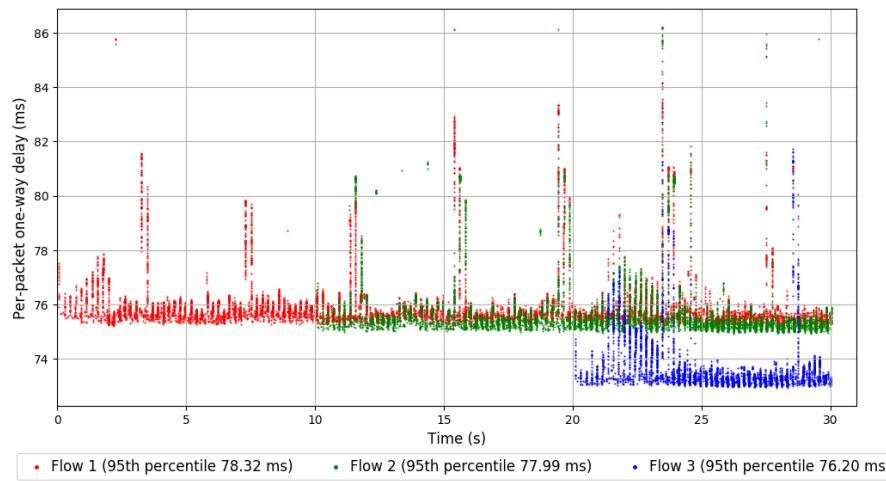
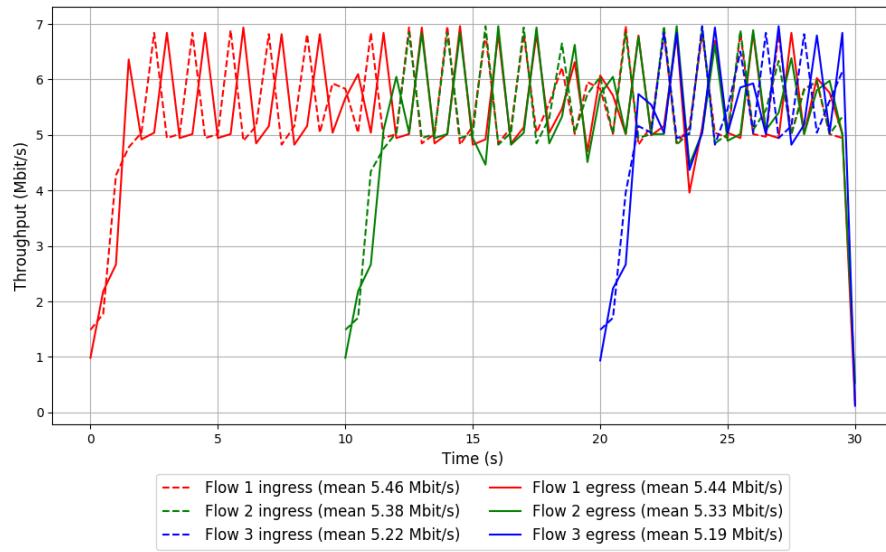


Run 4: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 21:10:35 +0000
End at: Sun, 09 Jul 2017 21:11:05 +0000
Local clock offset: -0.396 ms
Remote clock offset: -4.558 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 77.808 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 5.44 Mbit/s
95th percentile per-packet one-way delay: 78.317 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 5.33 Mbit/s
95th percentile per-packet one-way delay: 77.987 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 76.200 ms
Loss rate: 0.56%
```

Run 4: Report of KohoCC — Data Link

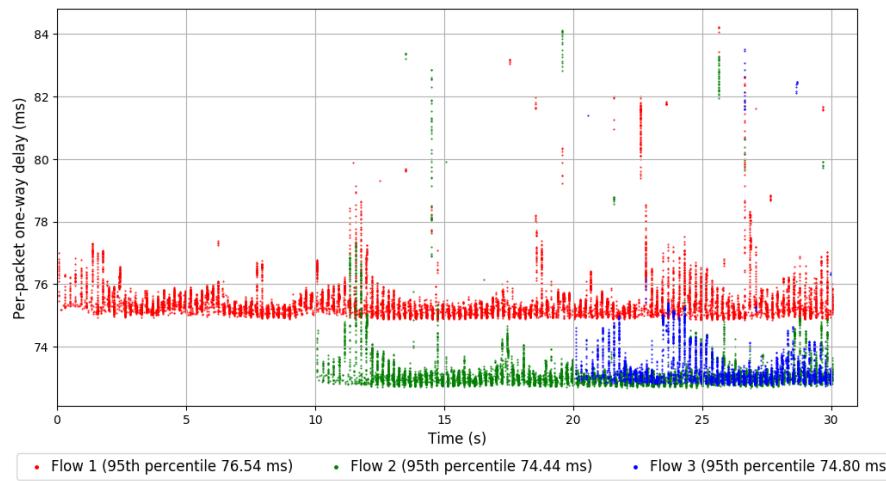
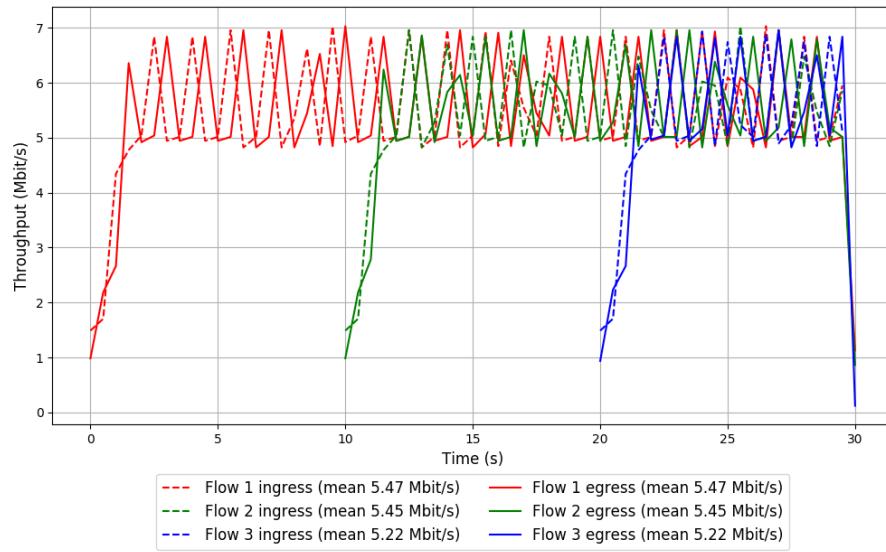


Run 5: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 21:30:16 +0000
End at: Sun, 09 Jul 2017 21:30:46 +0000
Local clock offset: 1.283 ms
Remote clock offset: -3.987 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.83 Mbit/s
95th percentile per-packet one-way delay: 76.143 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.47 Mbit/s
95th percentile per-packet one-way delay: 76.538 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 5.45 Mbit/s
95th percentile per-packet one-way delay: 74.437 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 74.798 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

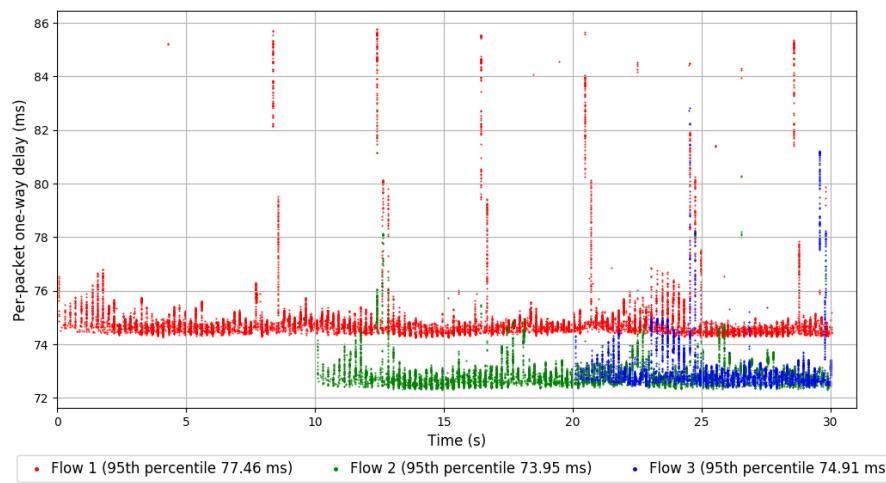
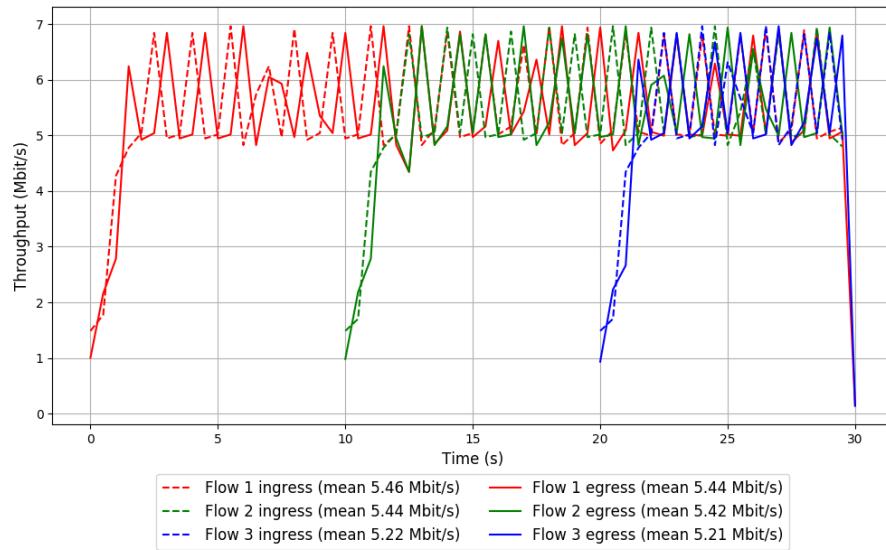


Run 6: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 21:49:57 +0000
End at: Sun, 09 Jul 2017 21:50:27 +0000
Local clock offset: 0.055 ms
Remote clock offset: -3.492 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 75.766 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 5.44 Mbit/s
95th percentile per-packet one-way delay: 77.456 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 5.42 Mbit/s
95th percentile per-packet one-way delay: 73.952 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 5.21 Mbit/s
95th percentile per-packet one-way delay: 74.914 ms
Loss rate: 0.16%
```

Run 6: Report of KohoCC — Data Link

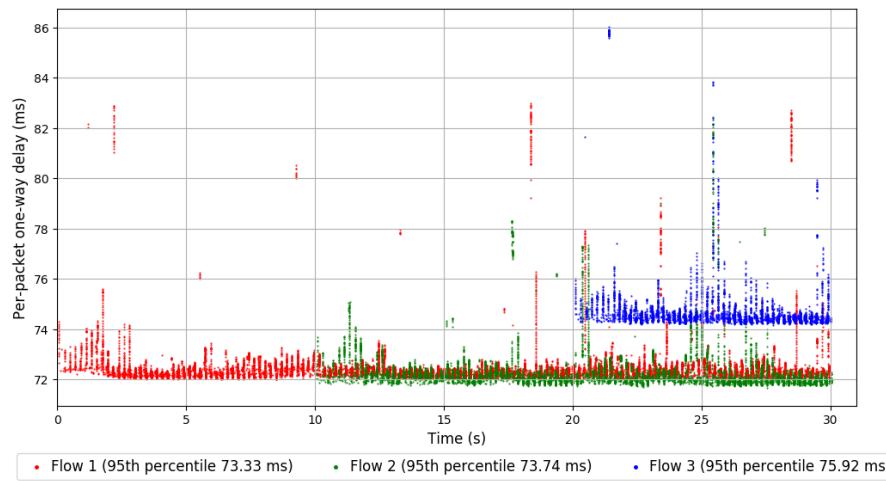
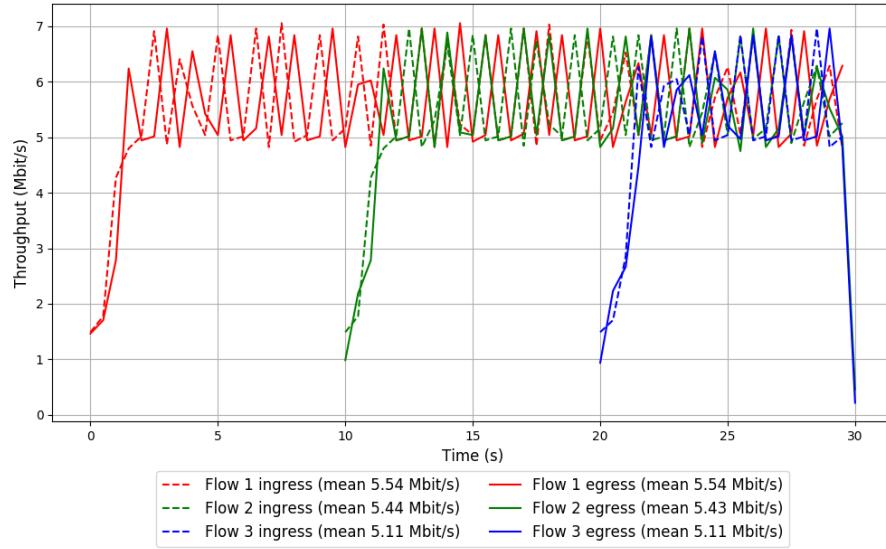


Run 7: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 22:09:40 +0000
End at: Sun, 09 Jul 2017 22:10:10 +0000
Local clock offset: 1.36 ms
Remote clock offset: -3.093 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.84 Mbit/s
95th percentile per-packet one-way delay: 74.893 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 5.54 Mbit/s
95th percentile per-packet one-way delay: 73.335 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 73.738 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 75.915 ms
Loss rate: 0.07%
```

Run 7: Report of KohoCC — Data Link

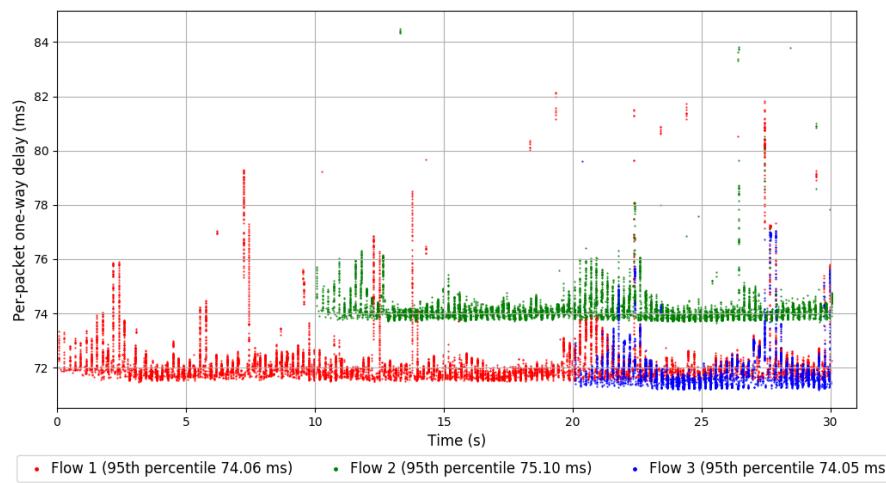
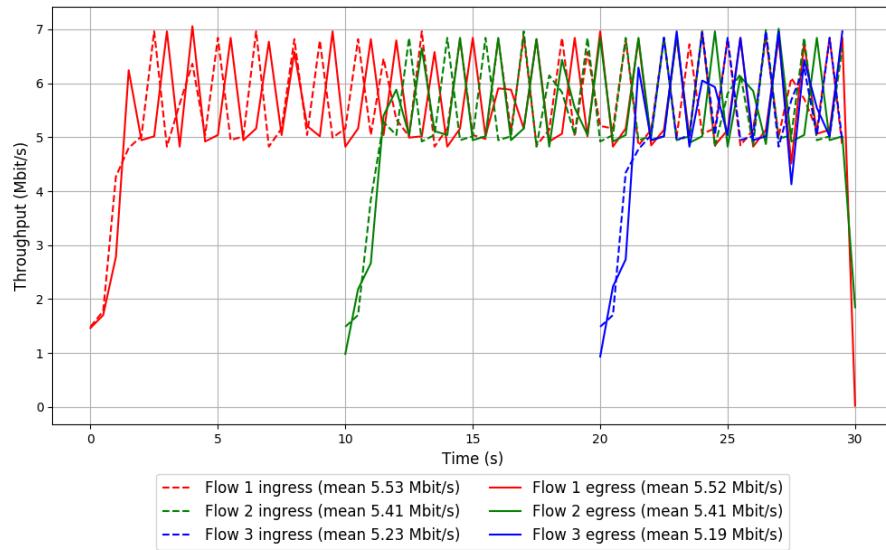


Run 8: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 22:29:19 +0000
End at: Sun, 09 Jul 2017 22:29:49 +0000
Local clock offset: 0.018 ms
Remote clock offset: -2.636 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.84 Mbit/s
95th percentile per-packet one-way delay: 74.836 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 5.52 Mbit/s
95th percentile per-packet one-way delay: 74.064 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 5.41 Mbit/s
95th percentile per-packet one-way delay: 75.097 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 74.047 ms
Loss rate: 0.70%
```

Run 8: Report of KohoCC — Data Link

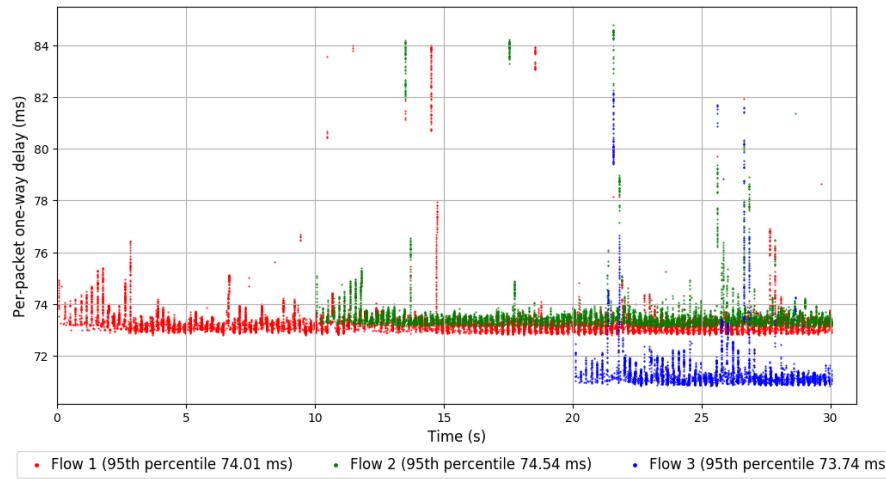
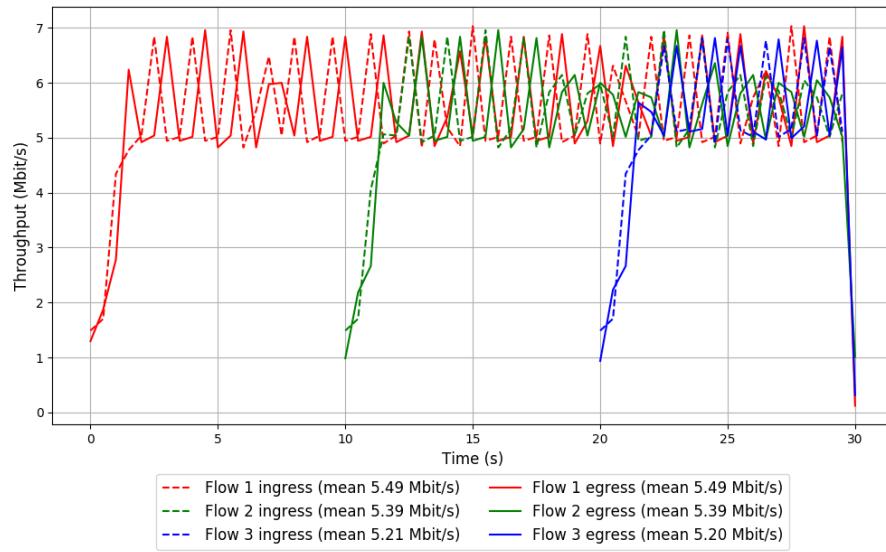


Run 9: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 22:49:10 +0000
End at: Sun, 09 Jul 2017 22:49:40 +0000
Local clock offset: -0.221 ms
Remote clock offset: -2.116 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.80 Mbit/s
95th percentile per-packet one-way delay: 74.154 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 5.49 Mbit/s
95th percentile per-packet one-way delay: 74.013 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 74.540 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 73.738 ms
Loss rate: 0.21%
```

Run 9: Report of KohoCC — Data Link

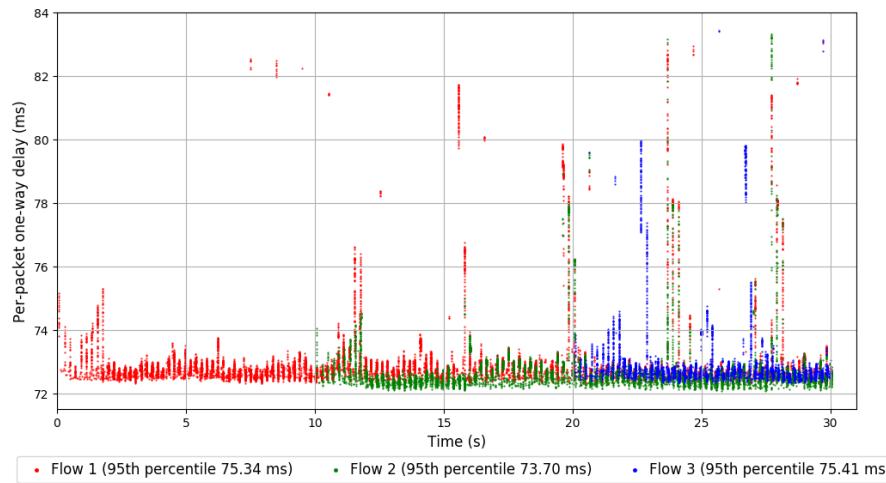
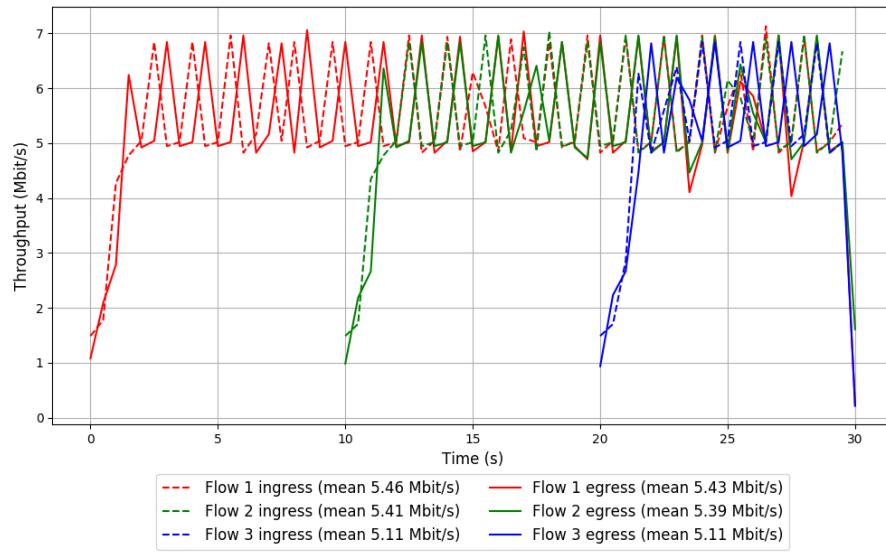


Run 10: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 23:09:10 +0000
End at: Sun, 09 Jul 2017 23:09:40 +0000
Local clock offset: 0.655 ms
Remote clock offset: -1.542 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.71 Mbit/s
95th percentile per-packet one-way delay: 74.700 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 75.345 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 73.702 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 75.411 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

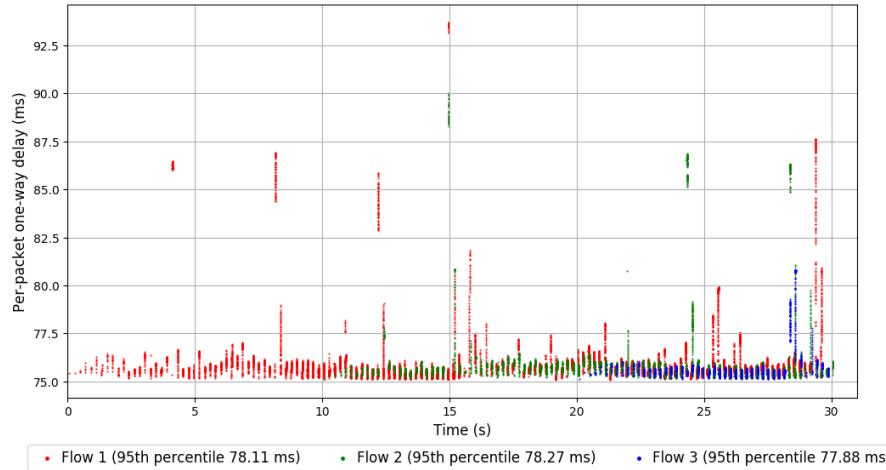
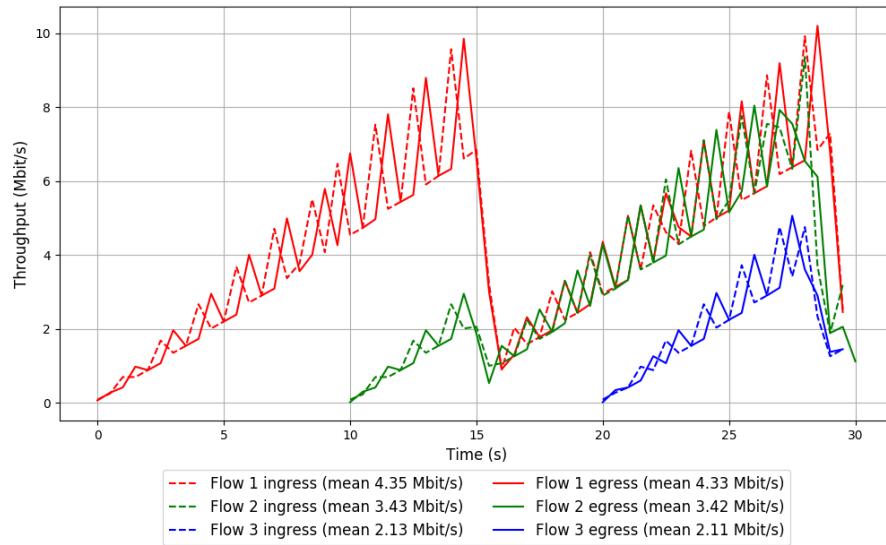


Run 1: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 20:08:58 +0000
End at: Sun, 09 Jul 2017 20:09:28 +0000
Local clock offset: 0.456 ms
Remote clock offset: -4.836 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 78.112 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 78.111 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 78.269 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 77.882 ms
Loss rate: 1.13%
```

Run 1: Report of LEDBAT — Data Link

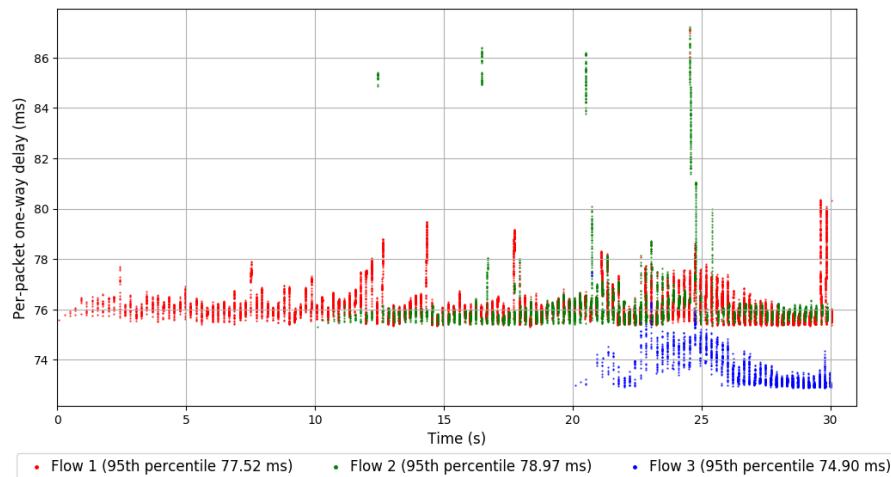
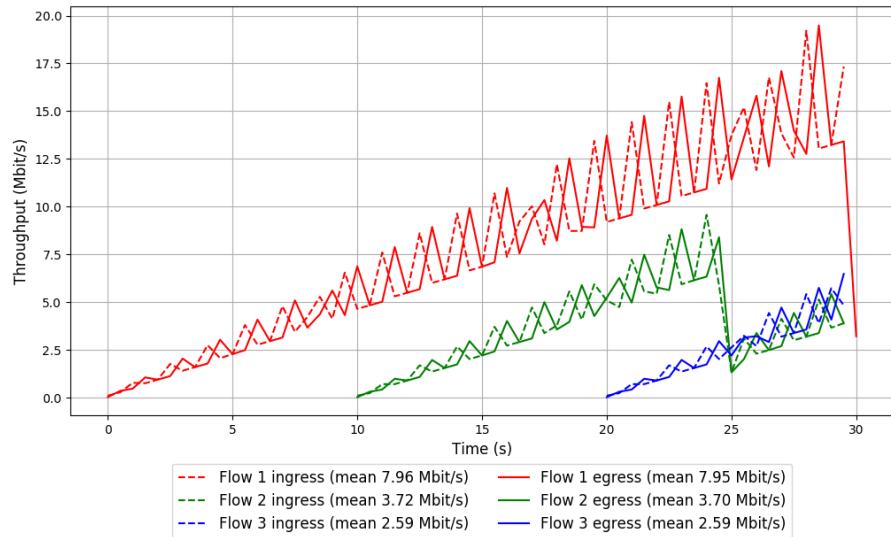


Run 2: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 20:28:39 +0000
End at: Sun, 09 Jul 2017 20:29:09 +0000
Local clock offset: -0.477 ms
Remote clock offset: -4.838 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 11.25 Mbit/s
95th percentile per-packet one-way delay: 77.558 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: 77.522 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 3.70 Mbit/s
95th percentile per-packet one-way delay: 78.965 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 74.900 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

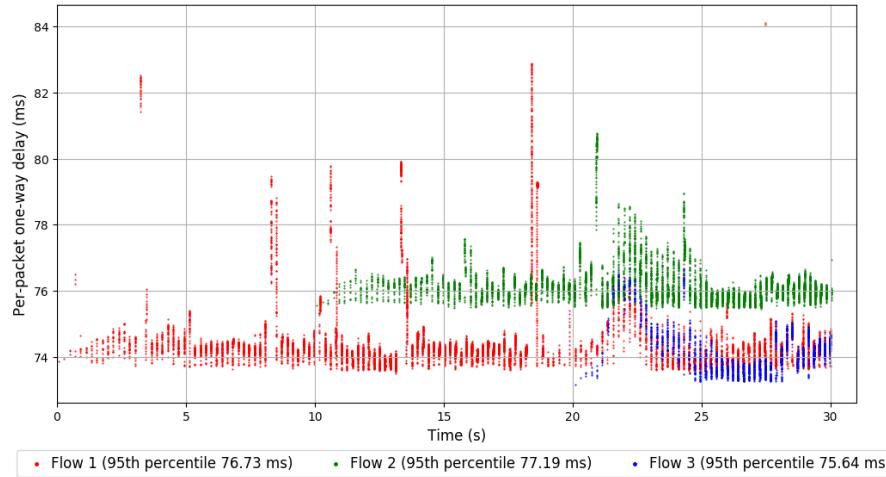
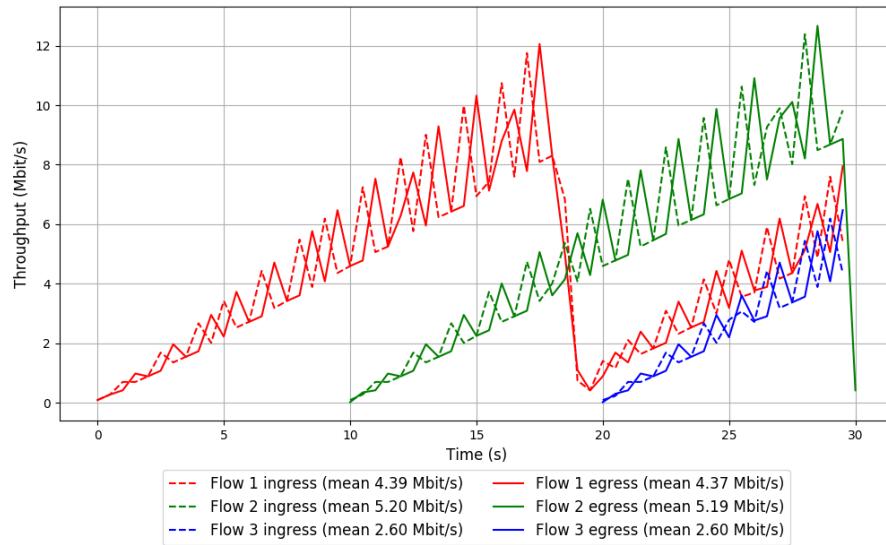


Run 3: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 20:48:26 +0000
End at: Sun, 09 Jul 2017 20:48:56 +0000
Local clock offset: -0.582 ms
Remote clock offset: -5.136 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.68 Mbit/s
95th percentile per-packet one-way delay: 77.012 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 76.726 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 77.187 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 75.645 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

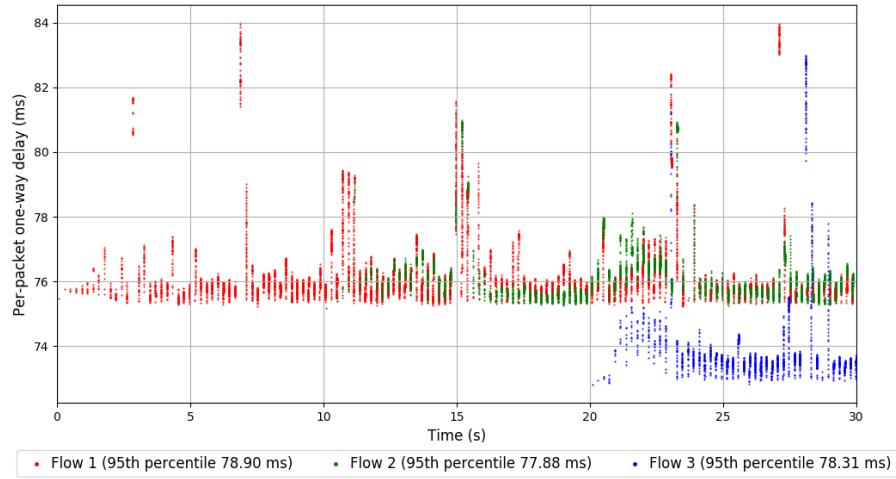
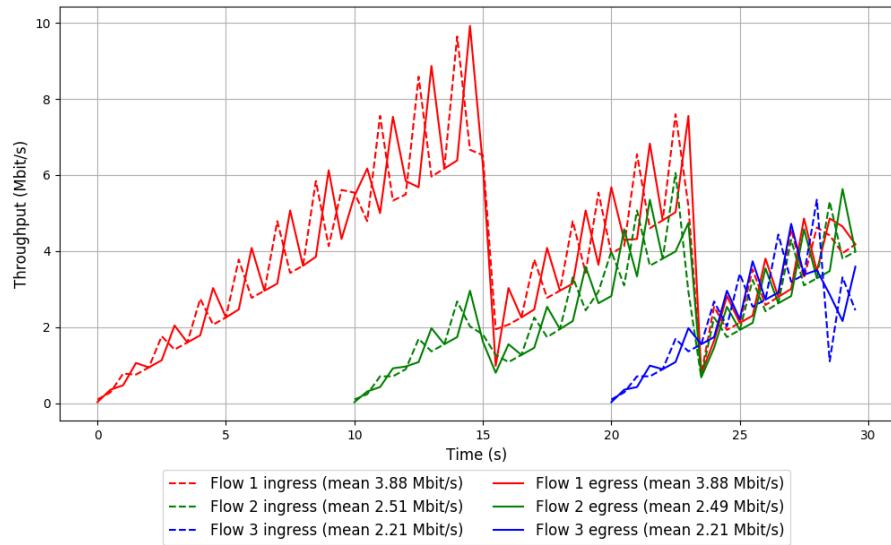


Run 4: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 21:08:04 +0000
End at: Sun, 09 Jul 2017 21:08:34 +0000
Local clock offset: 0.717 ms
Remote clock offset: -4.584 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:47 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.24 Mbit/s
95th percentile per-packet one-way delay: 78.720 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 78.902 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 77.875 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 78.305 ms
Loss rate: 0.21%
```

Run 4: Report of LEDBAT — Data Link

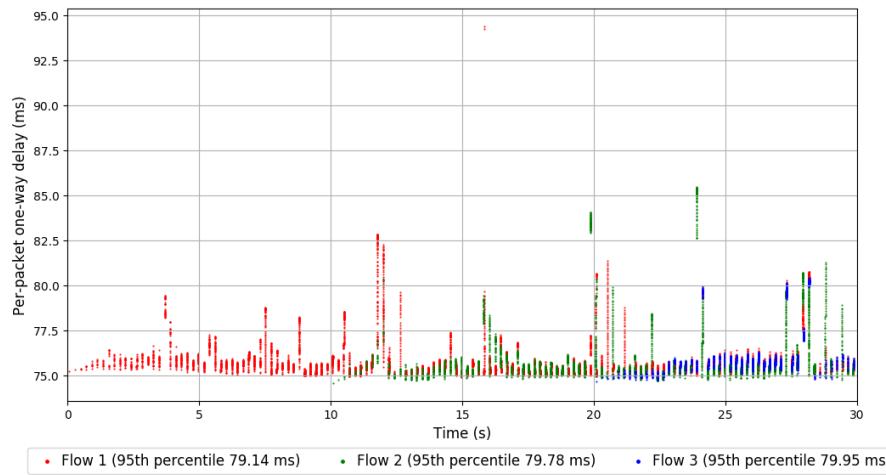
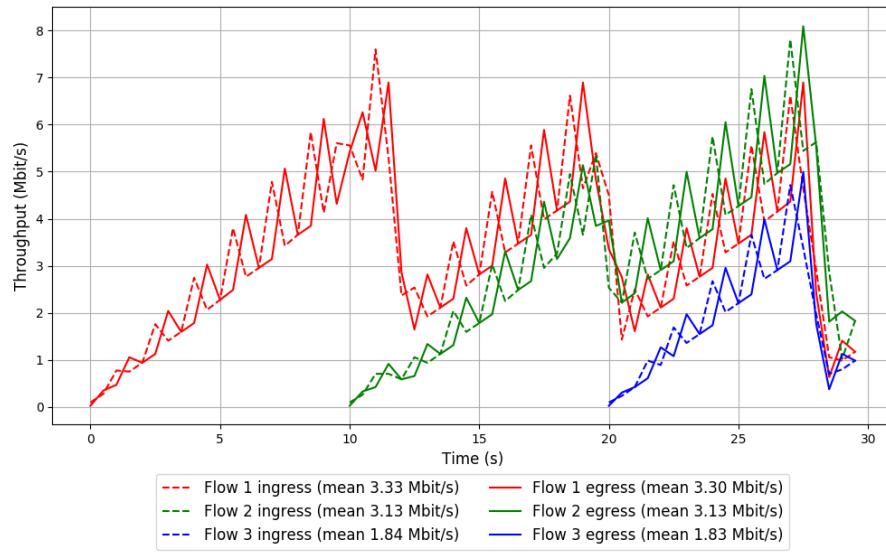


Run 5: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 21:27:45 +0000
End at: Sun, 09 Jul 2017 21:28:15 +0000
Local clock offset: 1.125 ms
Remote clock offset: -4.048 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.98 Mbit/s
95th percentile per-packet one-way delay: 79.536 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 3.30 Mbit/s
95th percentile per-packet one-way delay: 79.145 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 3.13 Mbit/s
95th percentile per-packet one-way delay: 79.775 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 79.946 ms
Loss rate: 0.59%
```

Run 5: Report of LEDBAT — Data Link

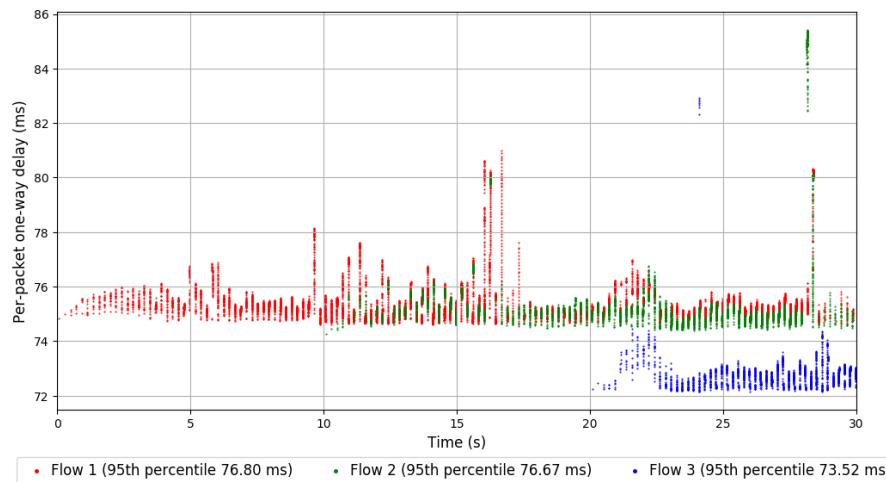
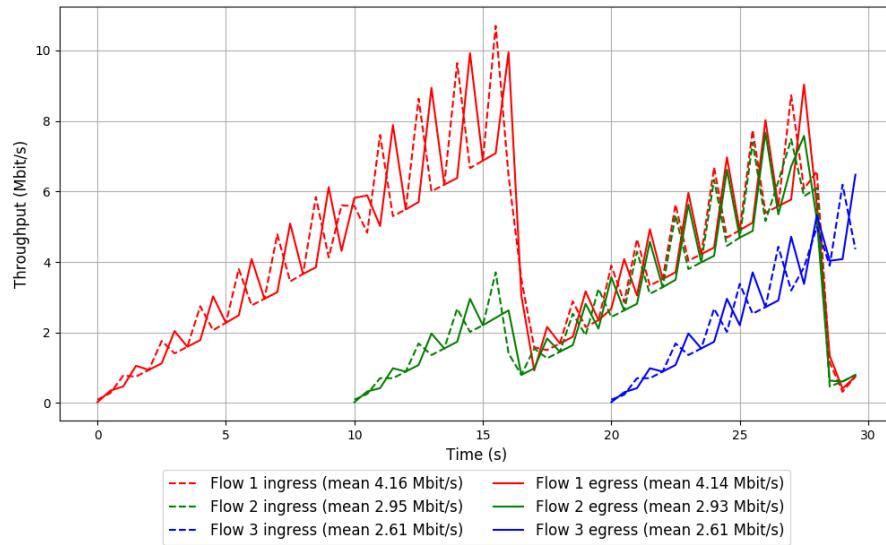


Run 6: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 21:47:26 +0000
End at: Sun, 09 Jul 2017 21:47:56 +0000
Local clock offset: -0.063 ms
Remote clock offset: -3.56 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.92 Mbit/s
95th percentile per-packet one-way delay: 76.626 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 76.796 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 76.675 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 73.516 ms
Loss rate: 0.00%
```

Run 6: Report of LEDBAT — Data Link

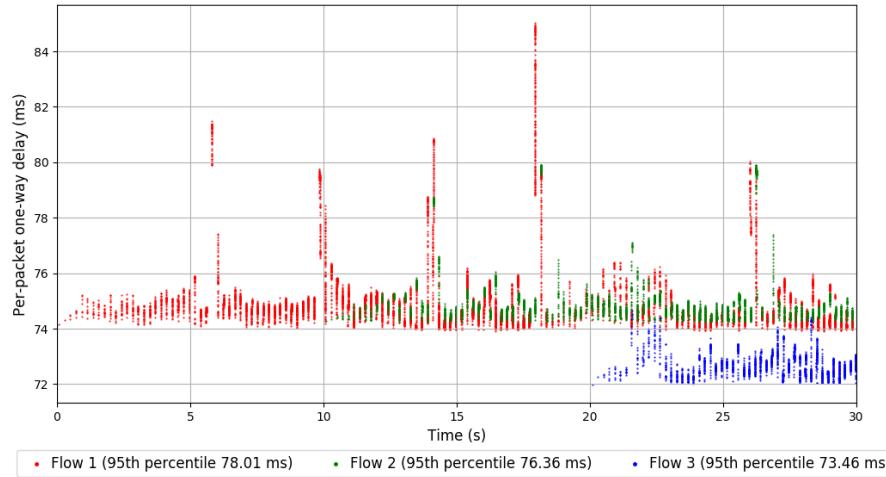
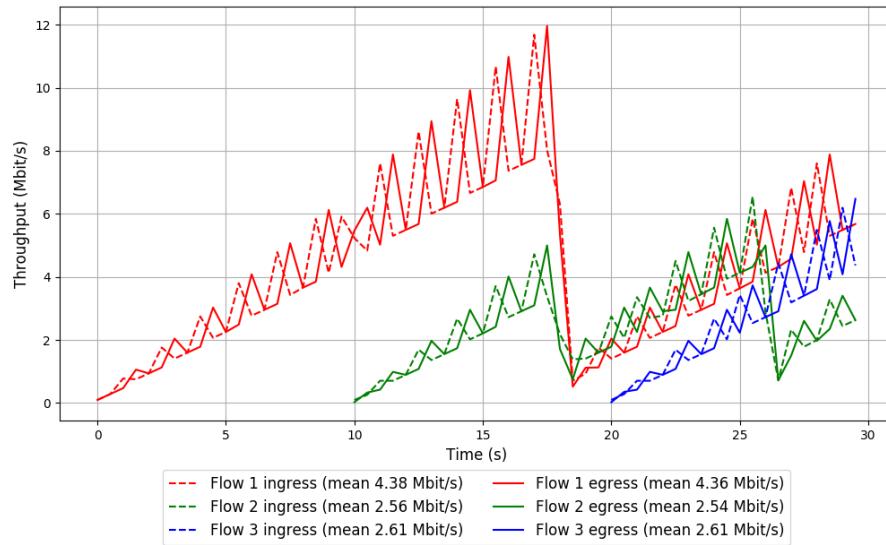


Run 7: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 22:07:08 +0000
End at: Sun, 09 Jul 2017 22:07:38 +0000
Local clock offset: 1.034 ms
Remote clock offset: -3.117 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 76.989 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 78.009 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 76.358 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 73.462 ms
Loss rate: 0.00%
```

Run 7: Report of LEDBAT — Data Link

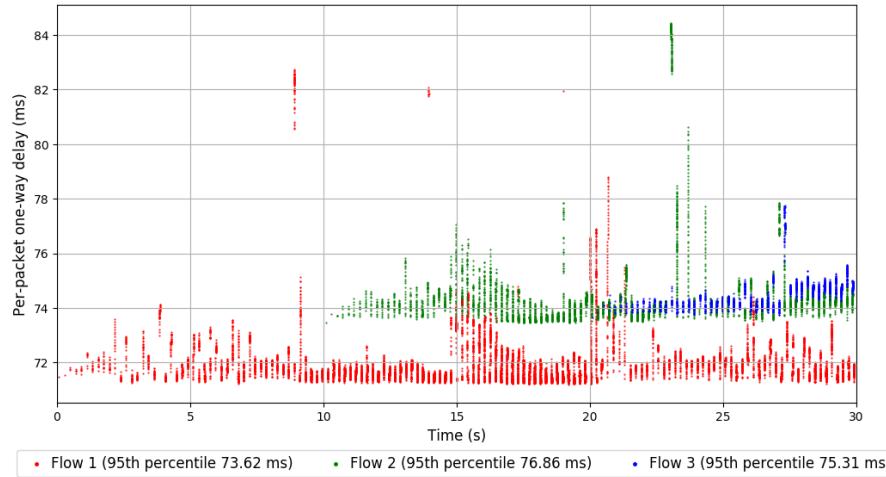
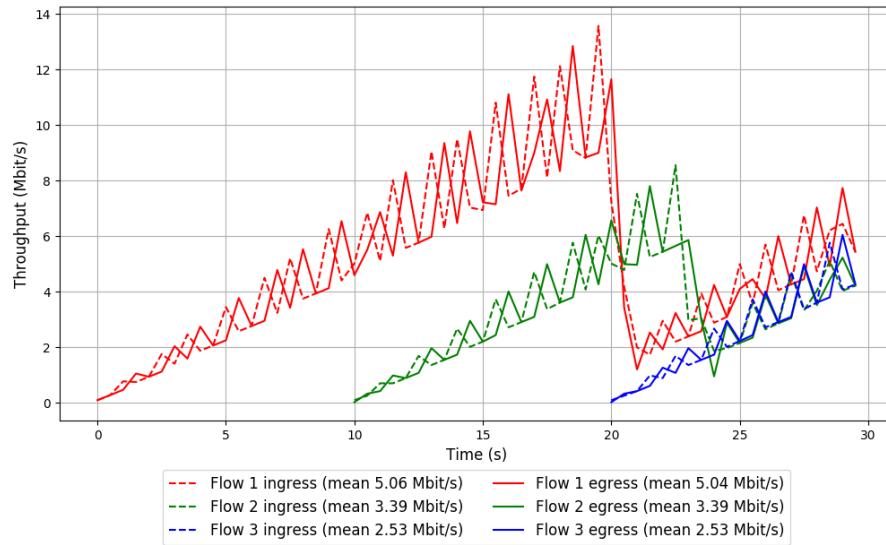


Run 8: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 22:26:48 +0000
End at: Sun, 09 Jul 2017 22:27:18 +0000
Local clock offset: 0.026 ms
Remote clock offset: -2.722 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.12 Mbit/s
95th percentile per-packet one-way delay: 75.082 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 5.04 Mbit/s
95th percentile per-packet one-way delay: 73.620 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 76.855 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 75.314 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

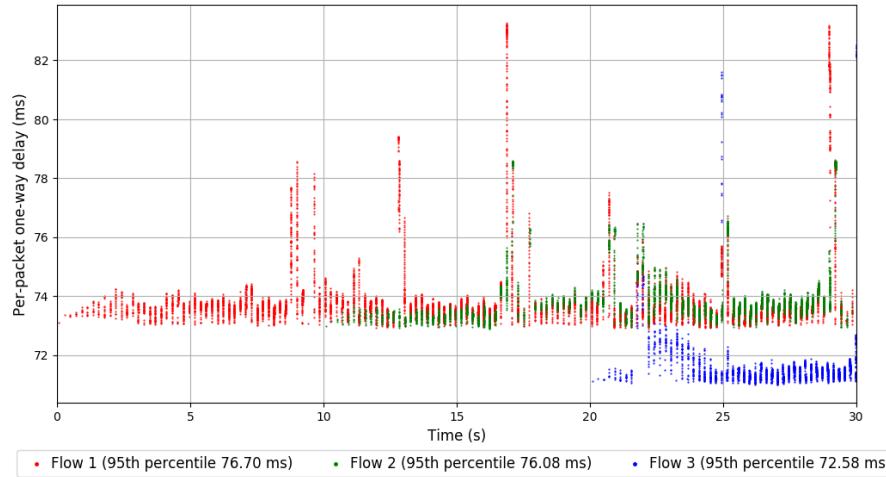
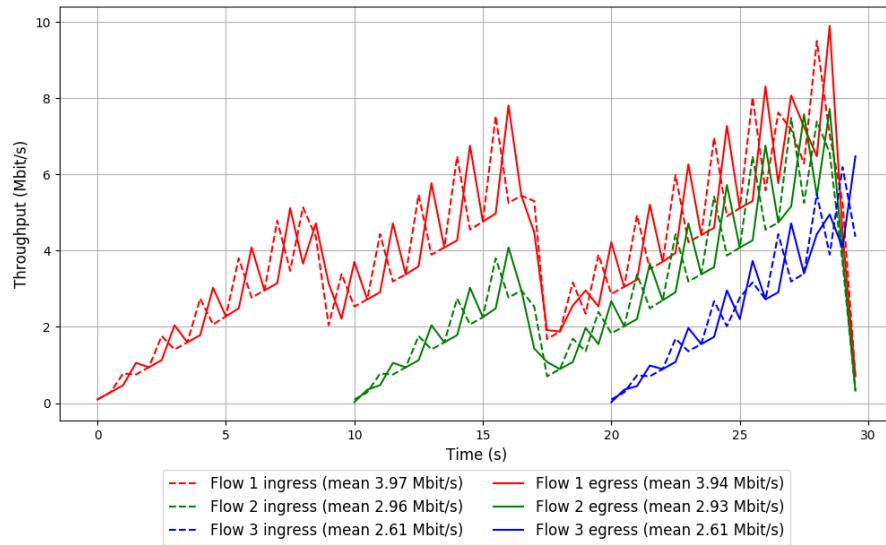


Run 9: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 22:46:39 +0000
End at: Sun, 09 Jul 2017 22:47:09 +0000
Local clock offset: -0.182 ms
Remote clock offset: -2.212 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 76.147 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 76.702 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 76.075 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 72.585 ms
Loss rate: 0.00%
```

Run 9: Report of LEDBAT — Data Link

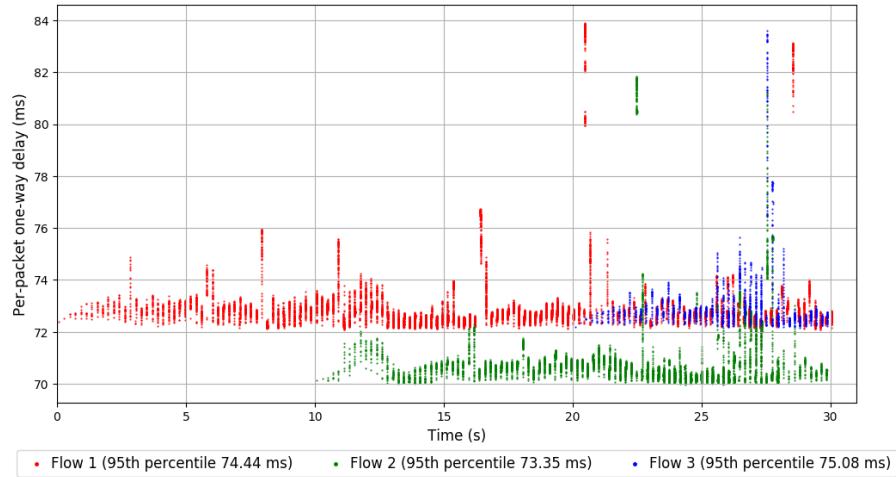
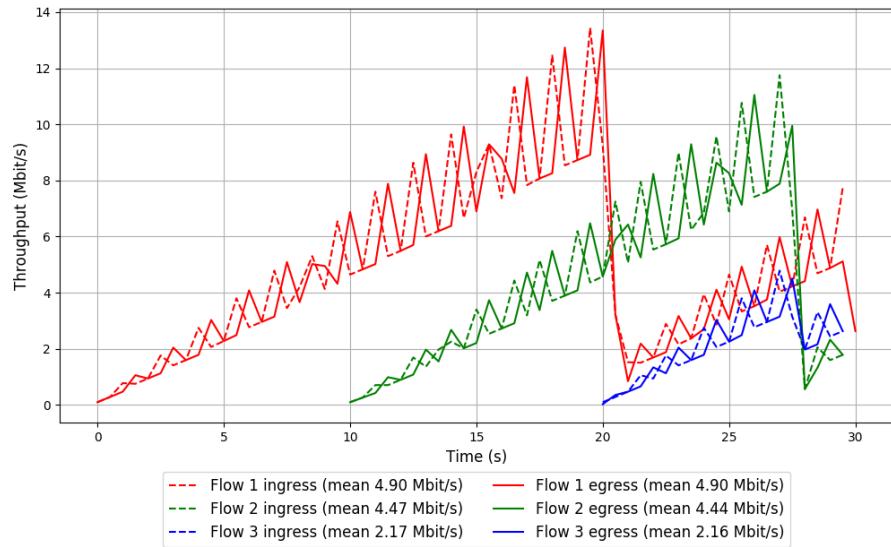


Run 10: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:06:38 +0000
End at: Sun, 09 Jul 2017 23:07:08 +0000
Local clock offset: 0.652 ms
Remote clock offset: -1.56 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:55:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 74.192 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 74.442 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 73.346 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 75.084 ms
Loss rate: 0.66%
```

Run 10: Report of LEDBAT — Data Link

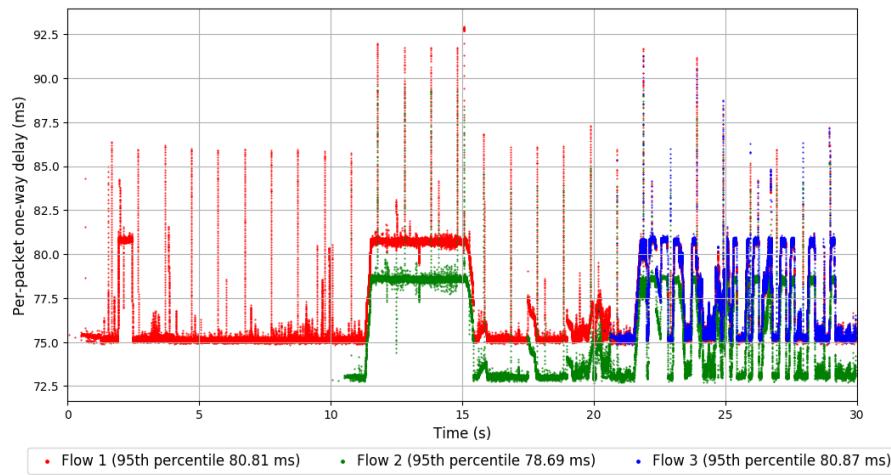
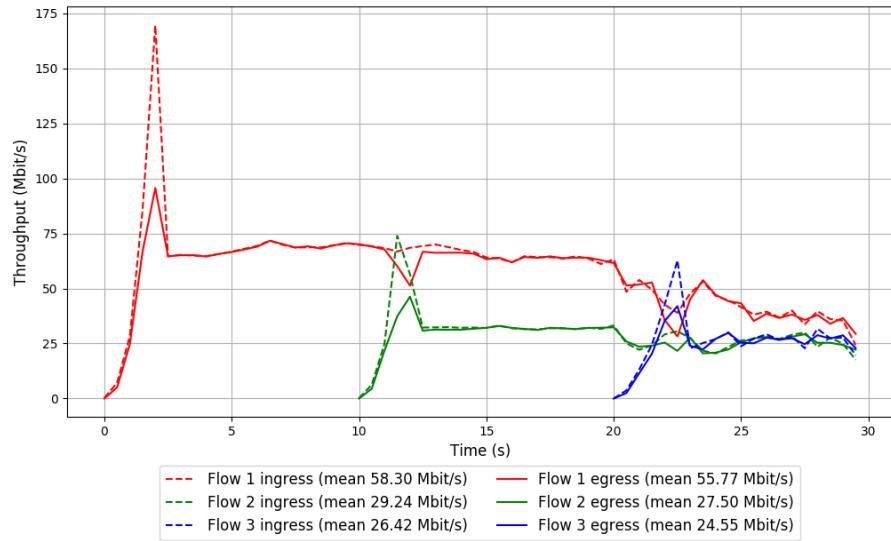


Run 1: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 20:16:48 +0000
End at: Sun, 09 Jul 2017 20:17:18 +0000
Local clock offset: 0.942 ms
Remote clock offset: -4.826 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.09 Mbit/s
95th percentile per-packet one-way delay: 80.808 ms
Loss rate: 4.97%
-- Flow 1:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 80.813 ms
Loss rate: 4.33%
-- Flow 2:
Average throughput: 27.50 Mbit/s
95th percentile per-packet one-way delay: 78.690 ms
Loss rate: 5.93%
-- Flow 3:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 80.870 ms
Loss rate: 7.12%
```

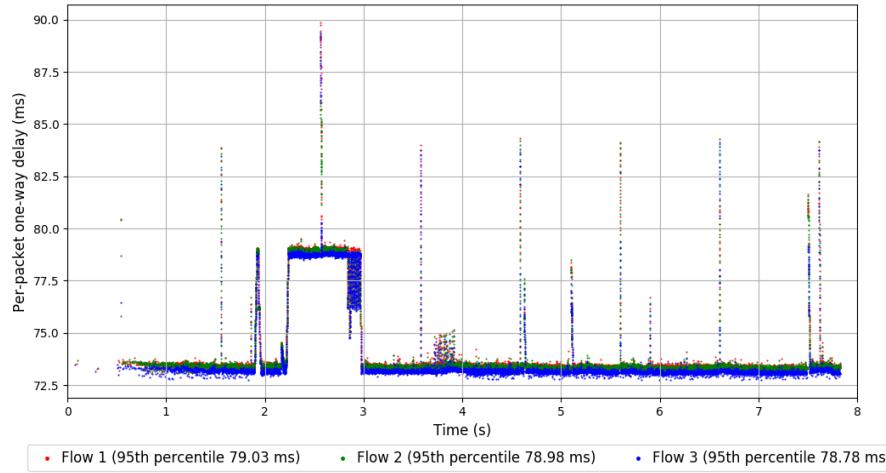
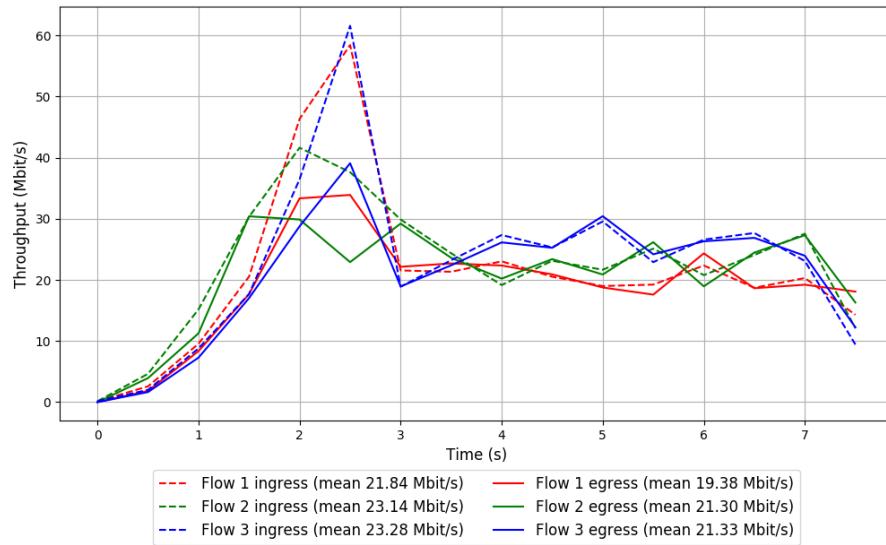
Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sun, 09 Jul 2017 20:36:30 +0000
End at: Sun, 09 Jul 2017 20:37:00 +0000
Local clock offset: -0.553 ms
Remote clock offset: -4.917 ms

Run 2: Report of PCC — Data Link

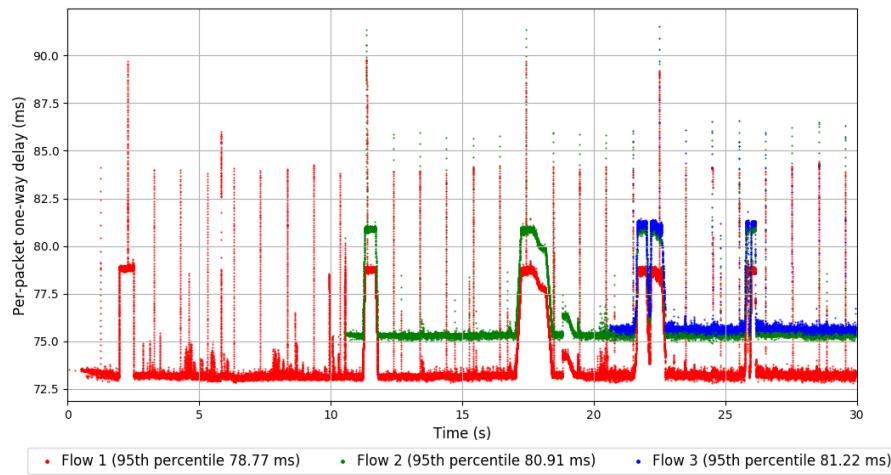
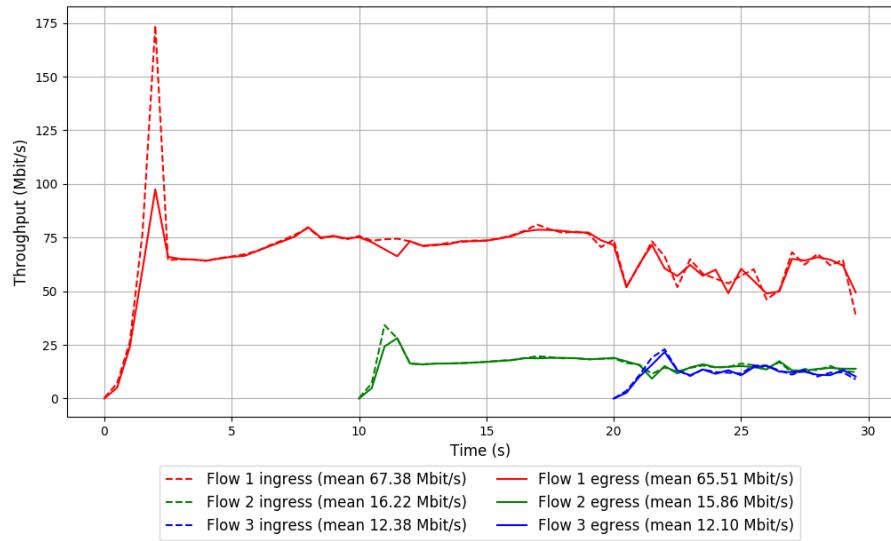


Run 3: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 20:56:17 +0000
End at: Sun, 09 Jul 2017 20:56:47 +0000
Local clock offset: -0.422 ms
Remote clock offset: -4.918 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.00 Mbit/s
95th percentile per-packet one-way delay: 78.847 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 65.51 Mbit/s
95th percentile per-packet one-way delay: 78.771 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 80.905 ms
Loss rate: 2.18%
-- Flow 3:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 81.221 ms
Loss rate: 2.34%
```

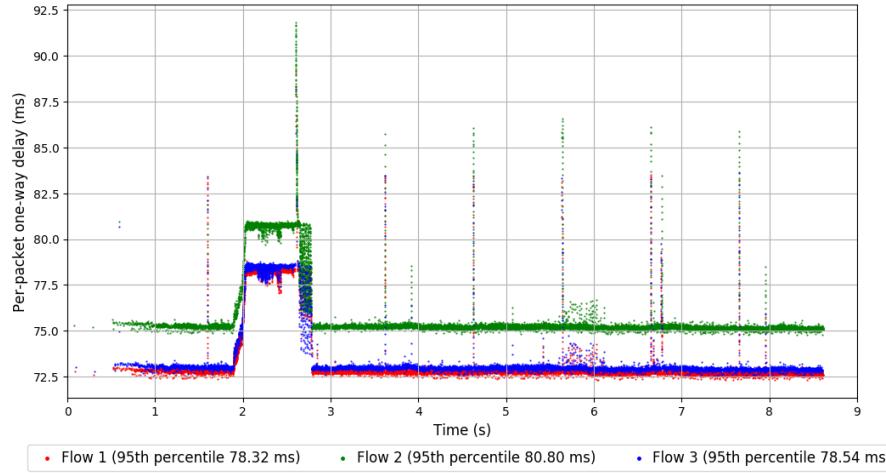
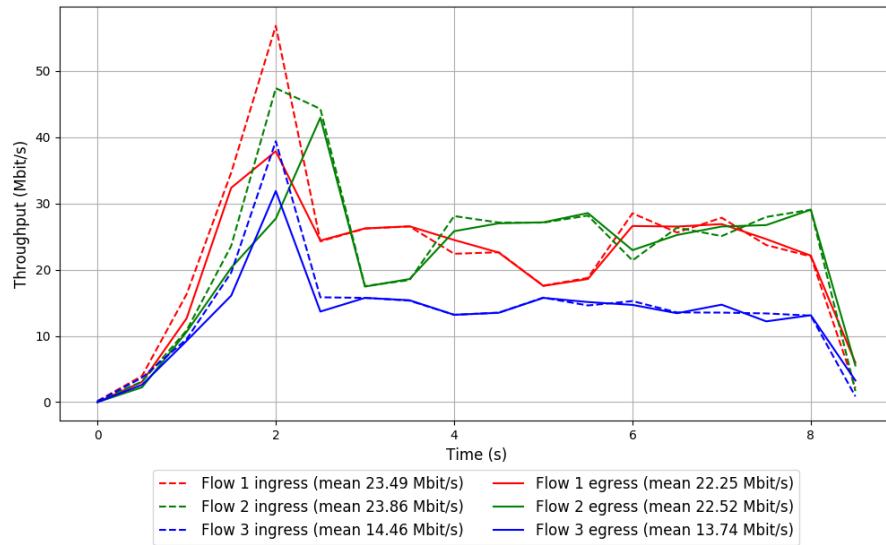
Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sun, 09 Jul 2017 21:15:52 +0000
End at: Sun, 09 Jul 2017 21:16:22 +0000
Local clock offset: -0.423 ms
Remote clock offset: -4.321 ms

Run 4: Report of PCC — Data Link

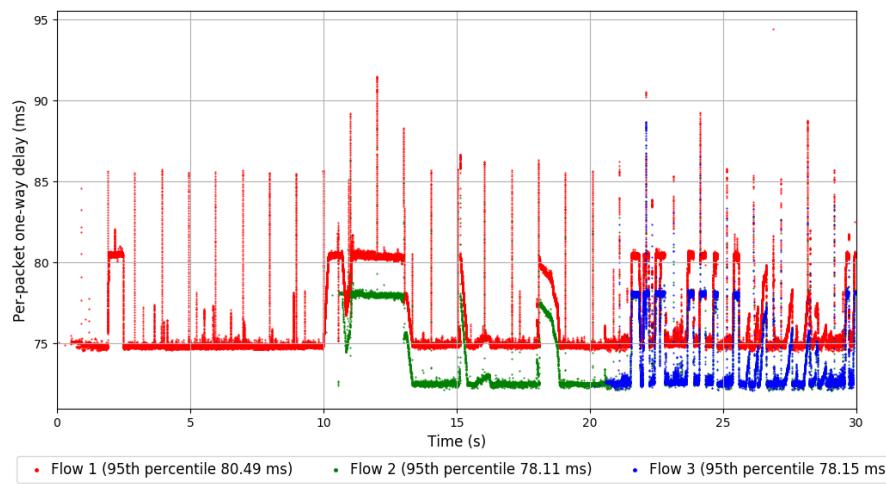
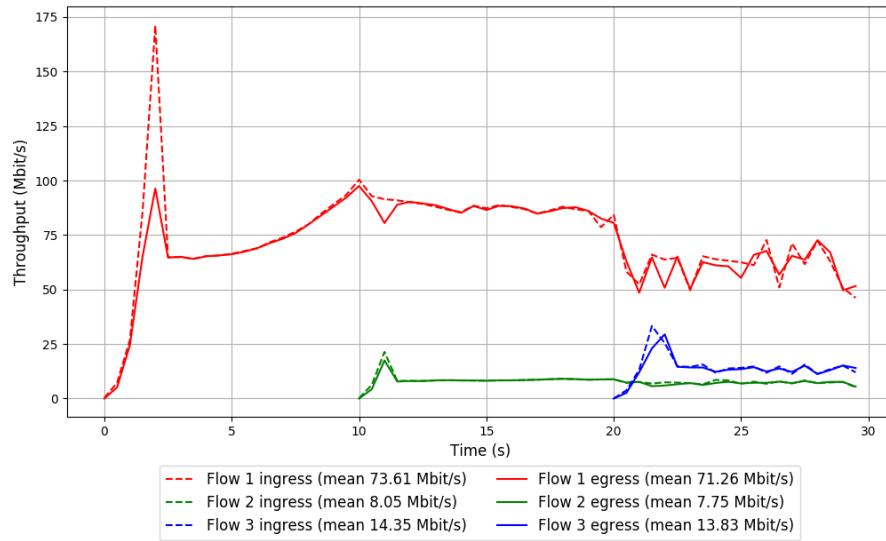


Run 5: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 21:35:31 +0000
End at: Sun, 09 Jul 2017 21:36:01 +0000
Local clock offset: 1.007 ms
Remote clock offset: -3.847 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.94 Mbit/s
95th percentile per-packet one-way delay: 80.482 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 71.26 Mbit/s
95th percentile per-packet one-way delay: 80.490 ms
Loss rate: 3.18%
-- Flow 2:
Average throughput: 7.75 Mbit/s
95th percentile per-packet one-way delay: 78.109 ms
Loss rate: 3.65%
-- Flow 3:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 78.151 ms
Loss rate: 3.54%
```

Run 5: Report of PCC — Data Link

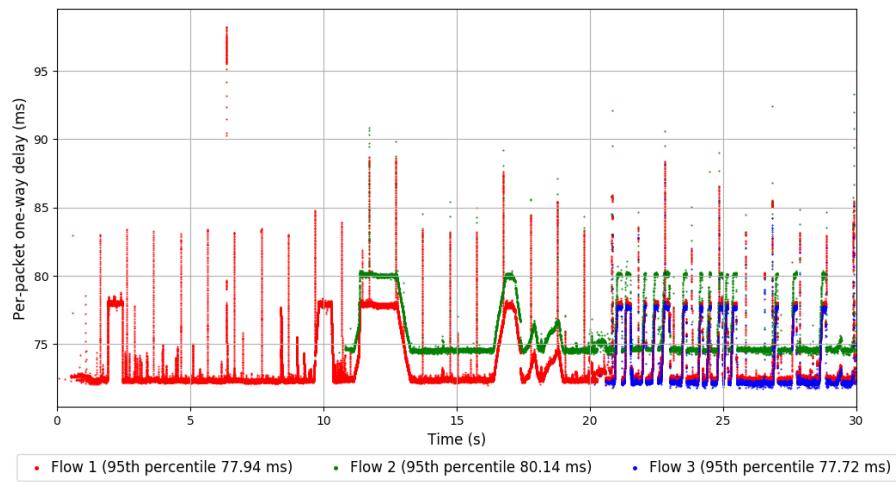
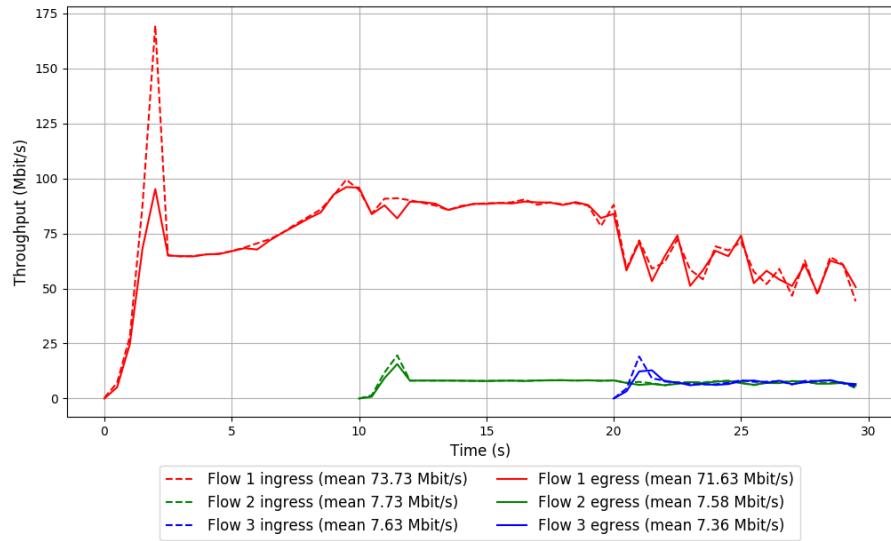


Run 6: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 21:55:13 +0000
End at: Sun, 09 Jul 2017 21:55:43 +0000
Local clock offset: -0.165 ms
Remote clock offset: -3.379 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 77.969 ms
Loss rate: 2.90%
-- Flow 1:
Average throughput: 71.63 Mbit/s
95th percentile per-packet one-way delay: 77.945 ms
Loss rate: 2.85%
-- Flow 2:
Average throughput: 7.58 Mbit/s
95th percentile per-packet one-way delay: 80.143 ms
Loss rate: 3.23%
-- Flow 3:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 77.723 ms
Loss rate: 3.57%
```

Run 6: Report of PCC — Data Link

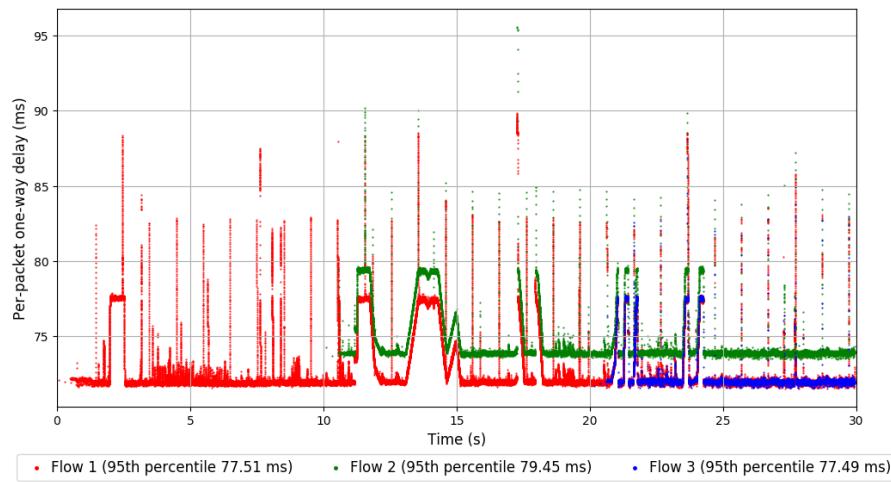
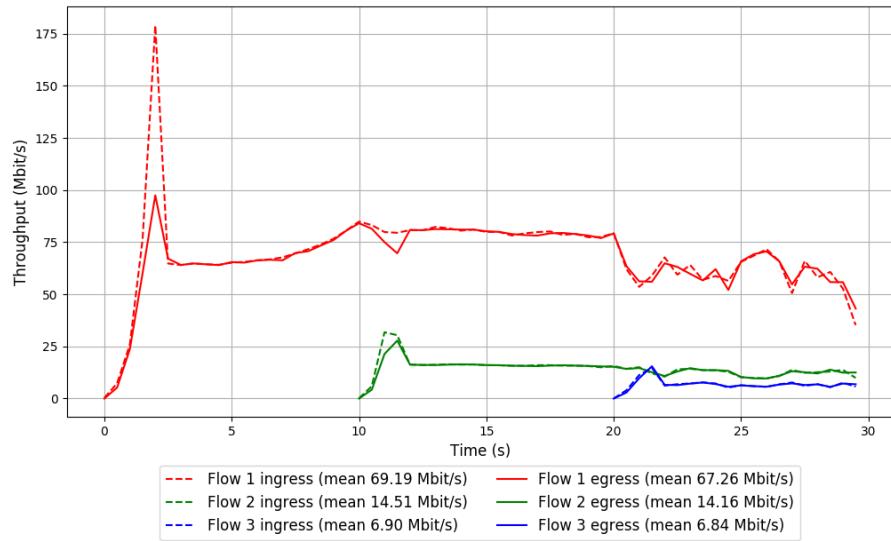


Run 7: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 22:14:56 +0000
End at: Sun, 09 Jul 2017 22:15:26 +0000
Local clock offset: 1.435 ms
Remote clock offset: -2.964 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.89 Mbit/s
95th percentile per-packet one-way delay: 77.554 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 67.26 Mbit/s
95th percentile per-packet one-way delay: 77.509 ms
Loss rate: 2.79%
-- Flow 2:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 79.447 ms
Loss rate: 2.39%
-- Flow 3:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: 77.488 ms
Loss rate: 0.96%
```

Run 7: Report of PCC — Data Link

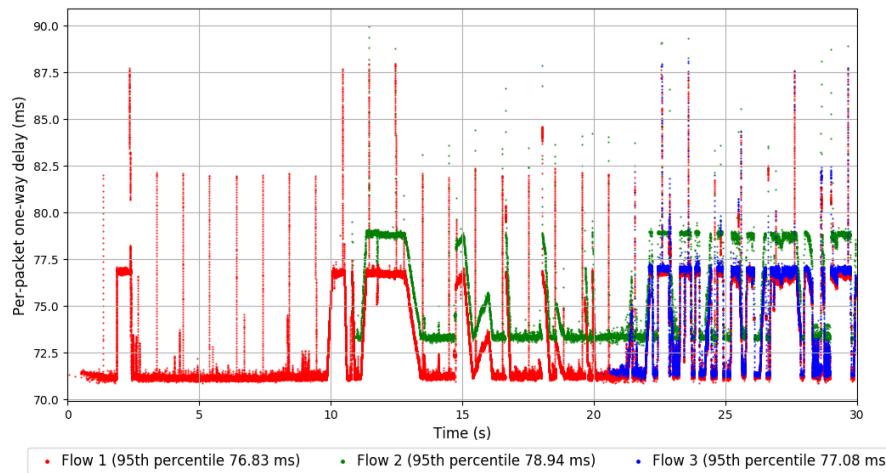
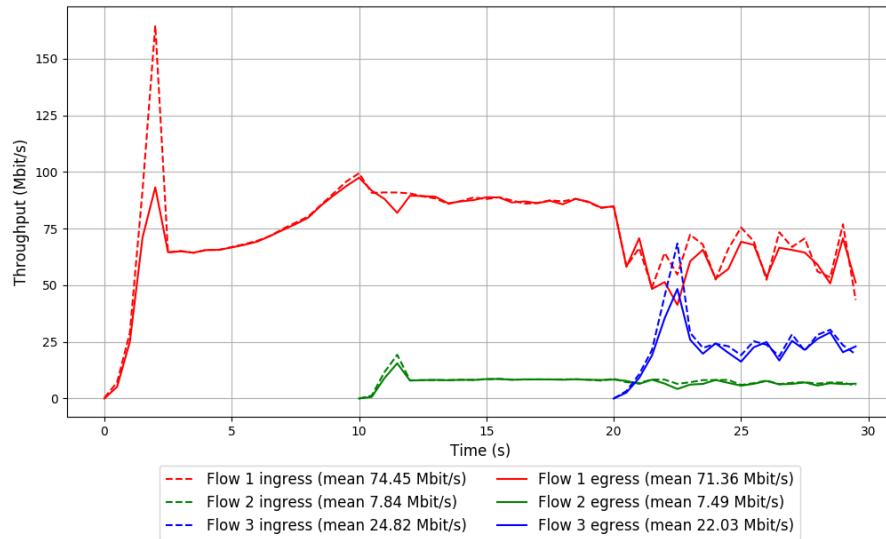


Run 8: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 22:34:37 +0000
End at: Sun, 09 Jul 2017 22:35:07 +0000
Local clock offset: 1.026 ms
Remote clock offset: -2.488 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.48 Mbit/s
95th percentile per-packet one-way delay: 76.996 ms
Loss rate: 4.88%
-- Flow 1:
Average throughput: 71.36 Mbit/s
95th percentile per-packet one-way delay: 76.829 ms
Loss rate: 4.13%
-- Flow 2:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 78.938 ms
Loss rate: 5.74%
-- Flow 3:
Average throughput: 22.03 Mbit/s
95th percentile per-packet one-way delay: 77.084 ms
Loss rate: 11.20%
```

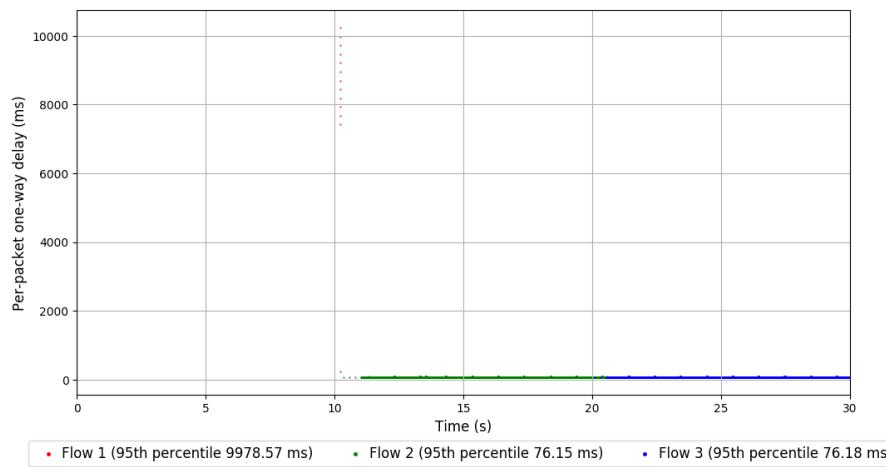
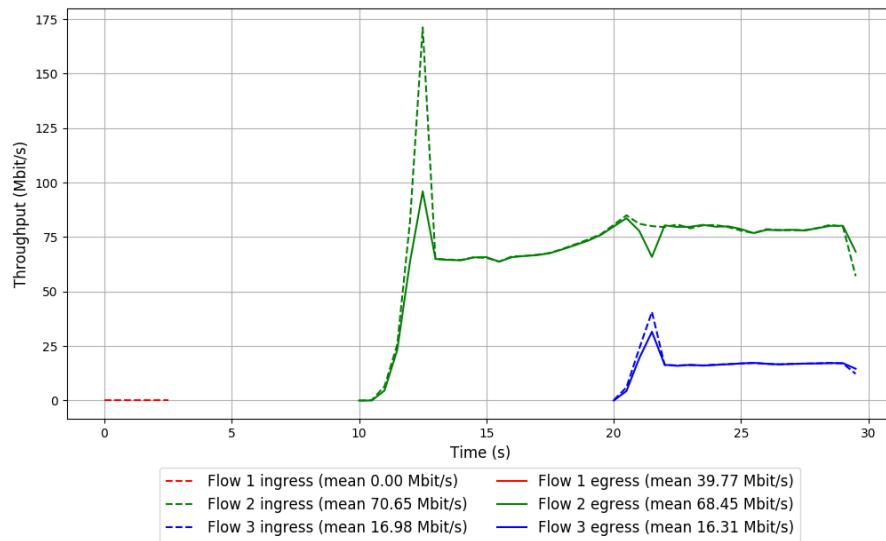
Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sun, 09 Jul 2017 22:54:37 +0000
End at: Sun, 09 Jul 2017 22:55:07 +0000
Local clock offset: -0.159 ms
Remote clock offset: -2.003 ms

Run 9: Report of PCC — Data Link

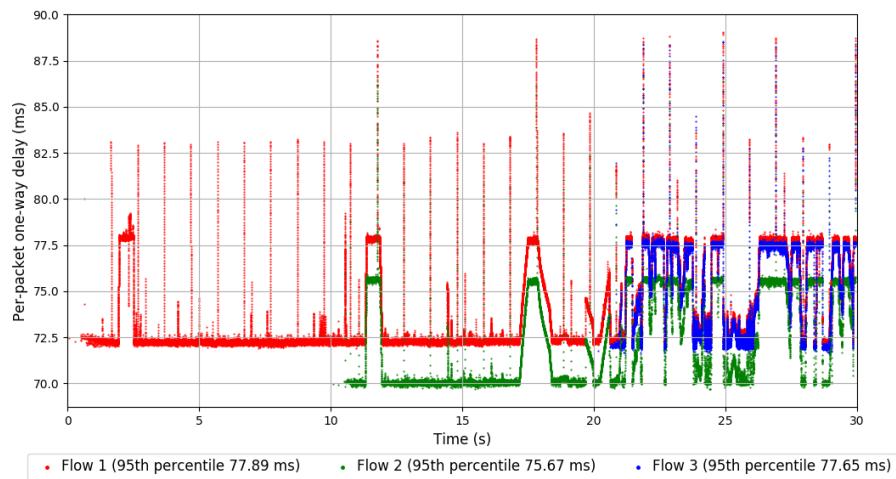
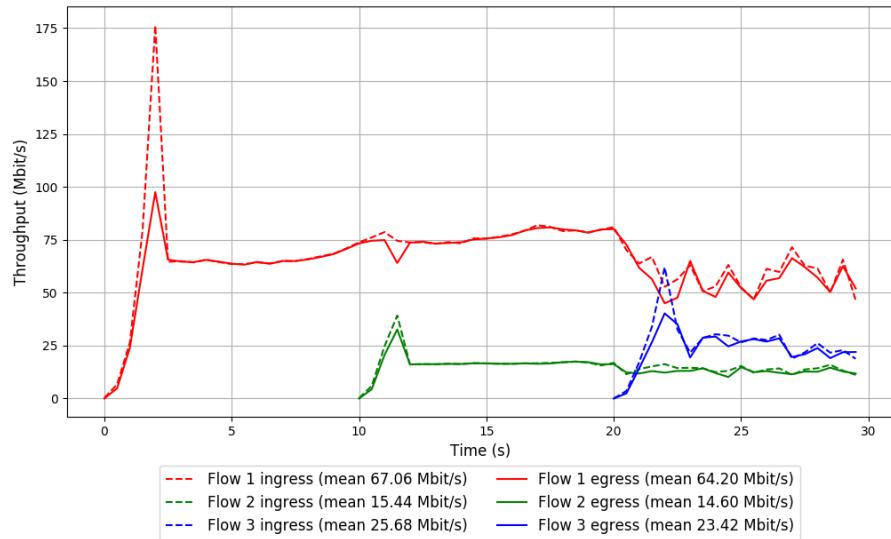


Run 10: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:14:28 +0000
End at: Sun, 09 Jul 2017 23:14:58 +0000
Local clock offset: -0.34 ms
Remote clock offset: -1.435 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.58 Mbit/s
95th percentile per-packet one-way delay: 77.871 ms
Loss rate: 4.81%
-- Flow 1:
Average throughput: 64.20 Mbit/s
95th percentile per-packet one-way delay: 77.886 ms
Loss rate: 4.22%
-- Flow 2:
Average throughput: 14.60 Mbit/s
95th percentile per-packet one-way delay: 75.670 ms
Loss rate: 5.42%
-- Flow 3:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 77.646 ms
Loss rate: 8.76%
```

Run 10: Report of PCC — Data Link

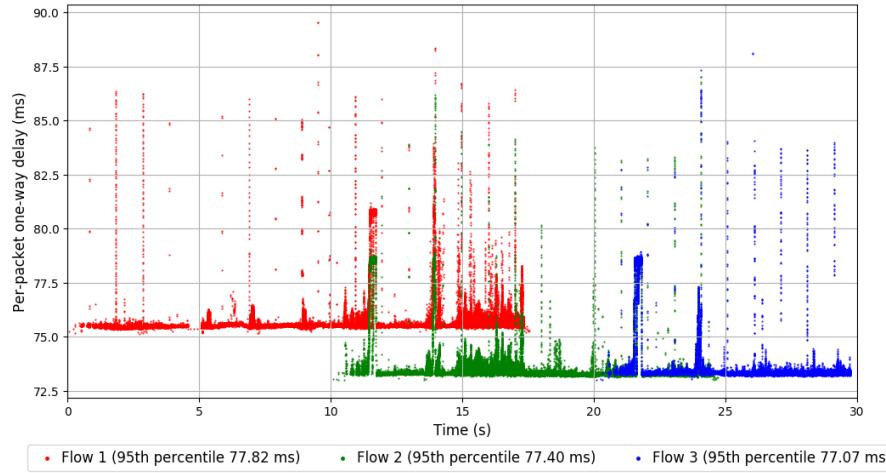
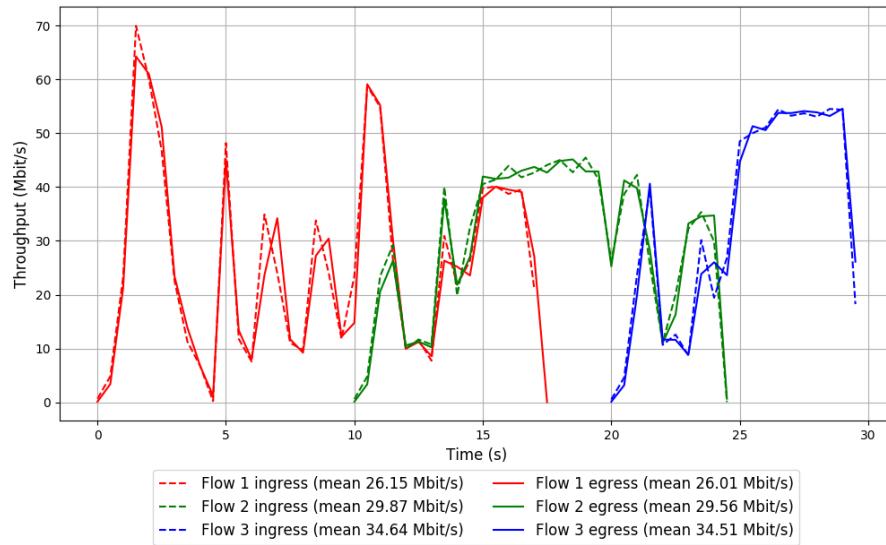


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: Sun, 09 Jul 2017 20:14:02 +0000
End at: Sun, 09 Jul 2017 20:14:32 +0000
Local clock offset: 0.931 ms
Remote clock offset: -4.867 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.13 Mbit/s
95th percentile per-packet one-way delay: 77.573 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 77.822 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 29.56 Mbit/s
95th percentile per-packet one-way delay: 77.402 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 34.51 Mbit/s
95th percentile per-packet one-way delay: 77.072 ms
Loss rate: 0.39%
```

Run 1: Report of QUIC Cubic — Data Link

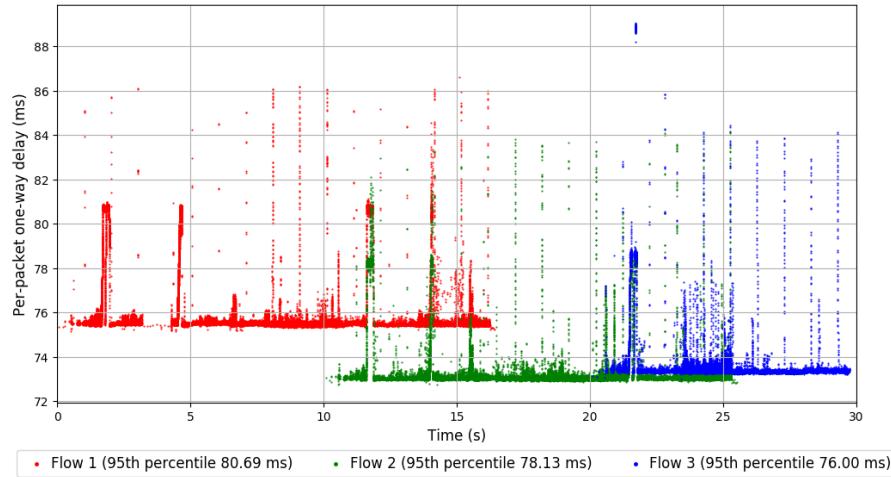
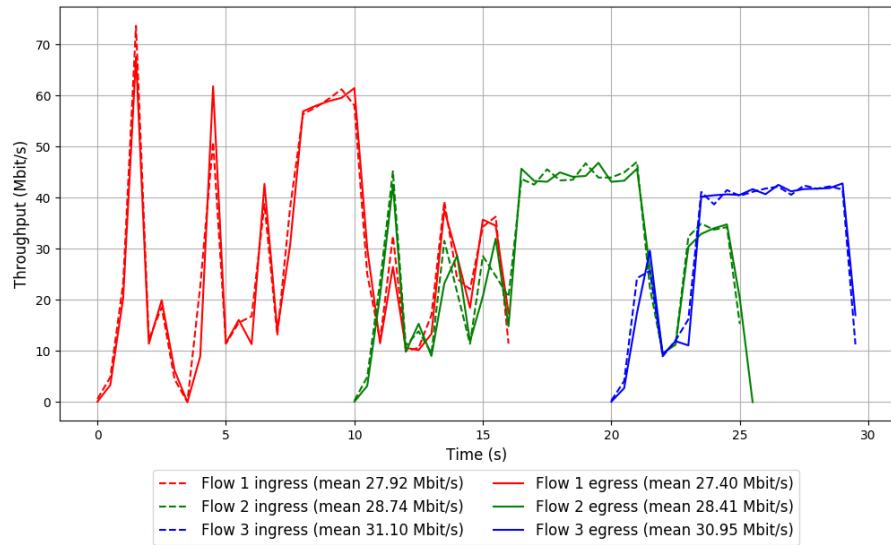


Run 2: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 20:33:43 +0000
End at: Sun, 09 Jul 2017 20:34:13 +0000
Local clock offset: -0.514 ms
Remote clock offset: -4.952 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 78.518 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 27.40 Mbit/s
95th percentile per-packet one-way delay: 80.689 ms
Loss rate: 1.87%
-- Flow 2:
Average throughput: 28.41 Mbit/s
95th percentile per-packet one-way delay: 78.134 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 30.95 Mbit/s
95th percentile per-packet one-way delay: 75.995 ms
Loss rate: 0.50%
```

Run 2: Report of QUIC Cubic — Data Link

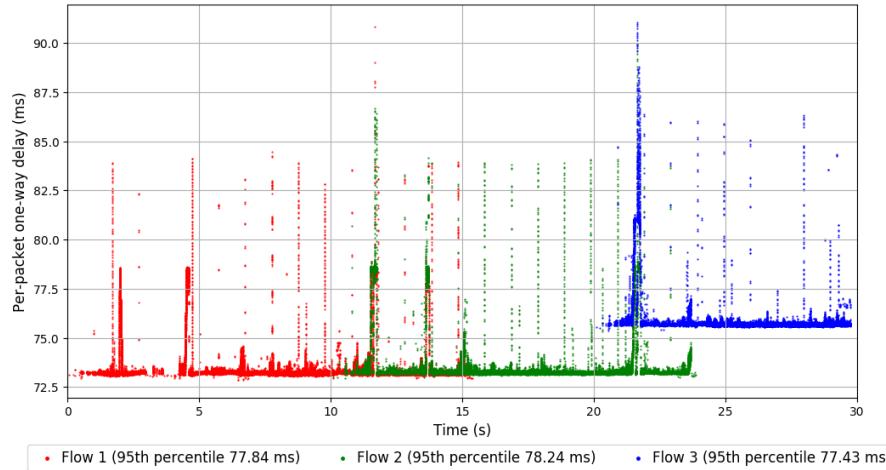
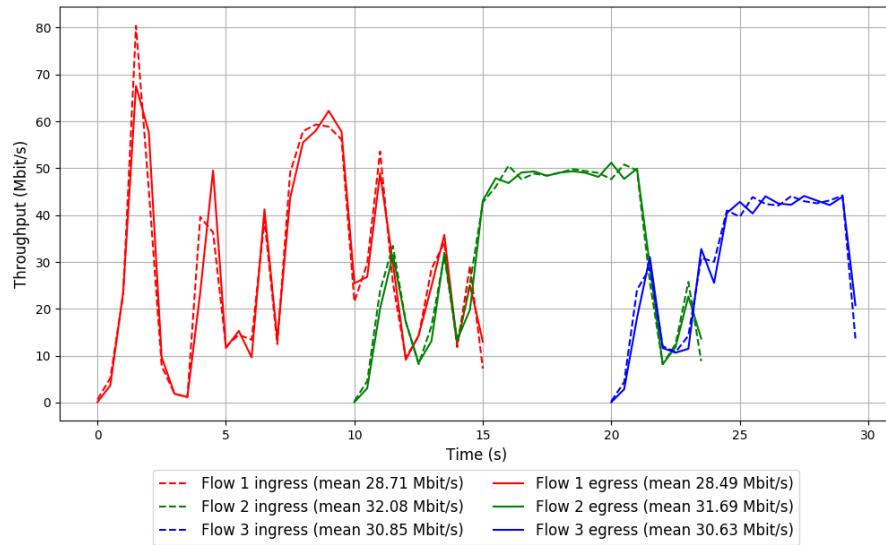


Run 3: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 20:53:30 +0000
End at: Sun, 09 Jul 2017 20:54:00 +0000
Local clock offset: 0.45 ms
Remote clock offset: -5.059 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.37 Mbit/s
95th percentile per-packet one-way delay: 77.954 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 77.838 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 31.69 Mbit/s
95th percentile per-packet one-way delay: 78.241 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 30.63 Mbit/s
95th percentile per-packet one-way delay: 77.432 ms
Loss rate: 0.73%
```

Run 3: Report of QUIC Cubic — Data Link

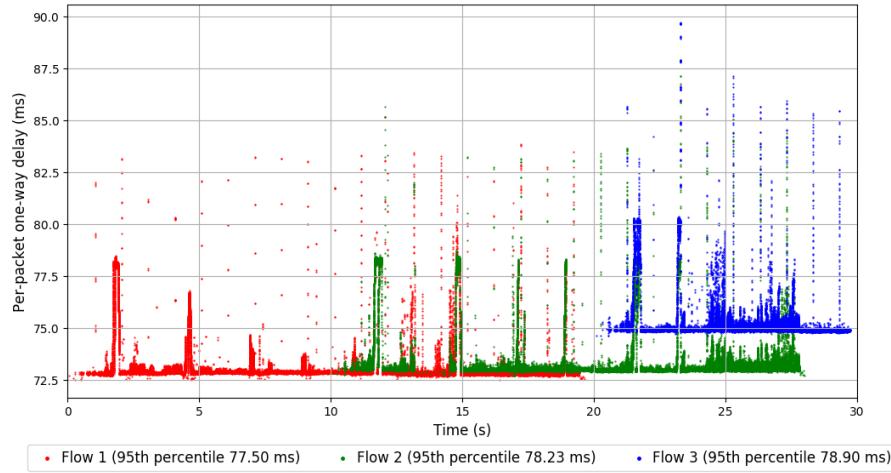
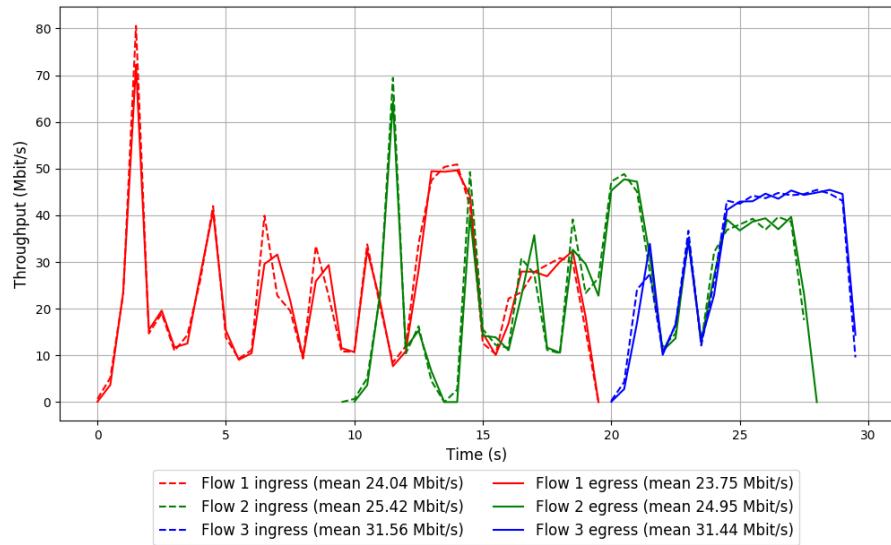


Run 4: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 21:13:08 +0000
End at: Sun, 09 Jul 2017 21:13:38 +0000
Local clock offset: 1.057 ms
Remote clock offset: -4.449 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.98 Mbit/s
95th percentile per-packet one-way delay: 78.110 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 77.505 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 24.95 Mbit/s
95th percentile per-packet one-way delay: 78.226 ms
Loss rate: 1.82%
-- Flow 3:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 78.900 ms
Loss rate: 0.40%
```

Run 4: Report of QUIC Cubic — Data Link

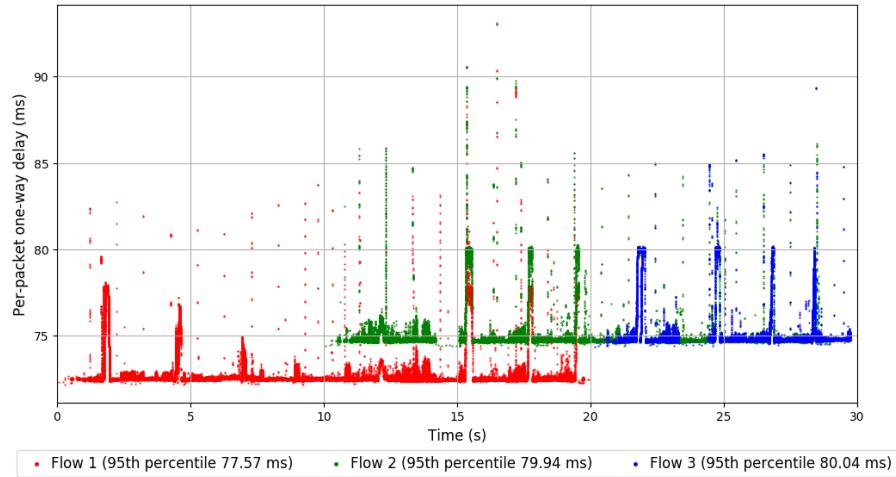
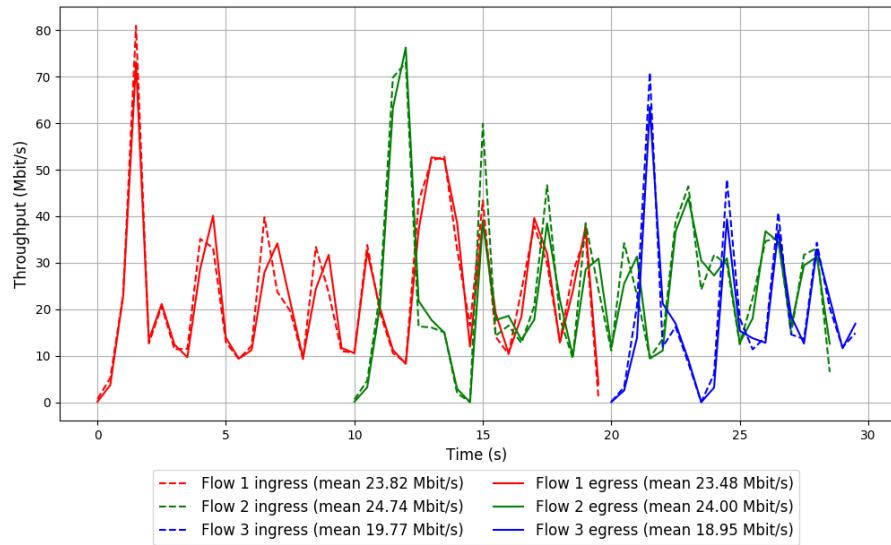


Run 5: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 21:32:48 +0000
End at: Sun, 09 Jul 2017 21:33:18 +0000
Local clock offset: -0.23 ms
Remote clock offset: -3.831 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:56:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 79.892 ms
Loss rate: 2.53%
-- Flow 1:
Average throughput: 23.48 Mbit/s
95th percentile per-packet one-way delay: 77.569 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 79.945 ms
Loss rate: 2.98%
-- Flow 3:
Average throughput: 18.95 Mbit/s
95th percentile per-packet one-way delay: 80.040 ms
Loss rate: 4.13%
```

Run 5: Report of QUIC Cubic — Data Link

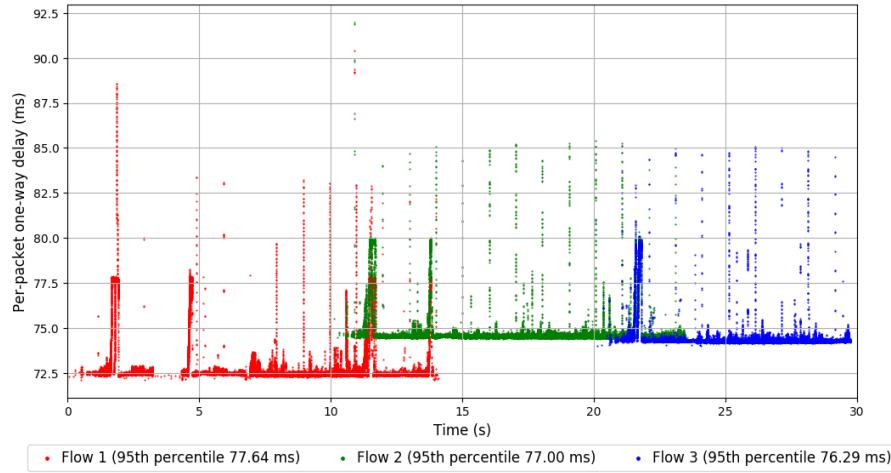
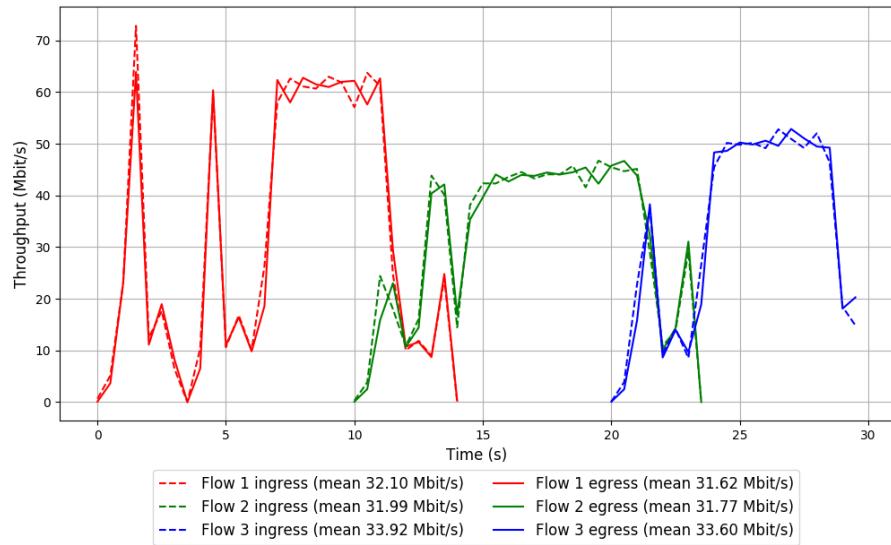


Run 6: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 21:52:29 +0000
End at: Sun, 09 Jul 2017 21:52:59 +0000
Local clock offset: 1.424 ms
Remote clock offset: -3.475 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.34 Mbit/s
95th percentile per-packet one-way delay: 77.579 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 77.636 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 76.998 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 33.60 Mbit/s
95th percentile per-packet one-way delay: 76.294 ms
Loss rate: 0.97%
```

Run 6: Report of QUIC Cubic — Data Link

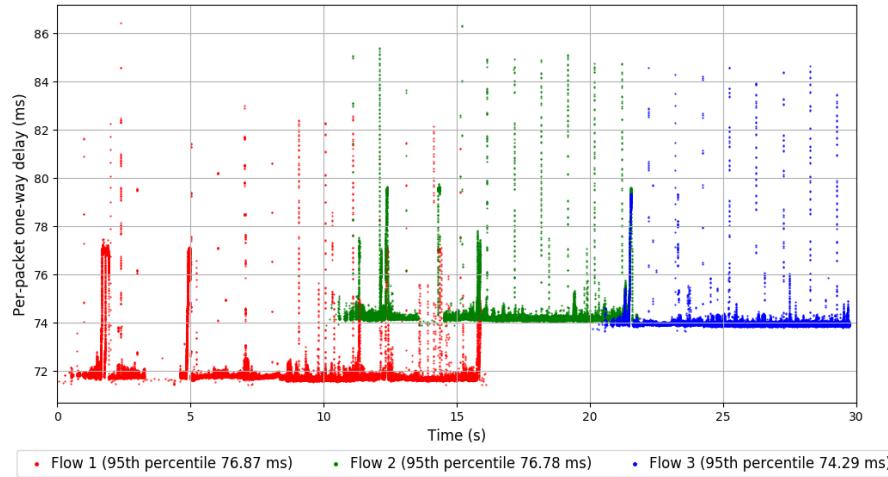
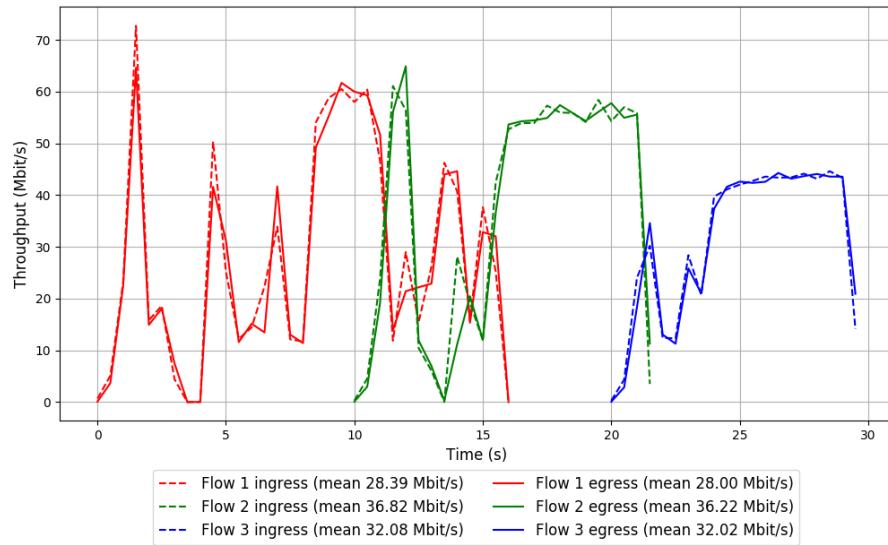


Run 7: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 22:12:12 +0000
End at: Sun, 09 Jul 2017 22:12:42 +0000
Local clock offset: -0.022 ms
Remote clock offset: -3.088 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 76.368 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 28.00 Mbit/s
95th percentile per-packet one-way delay: 76.867 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 36.22 Mbit/s
95th percentile per-packet one-way delay: 76.782 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 74.287 ms
Loss rate: 0.19%
```

Run 7: Report of QUIC Cubic — Data Link

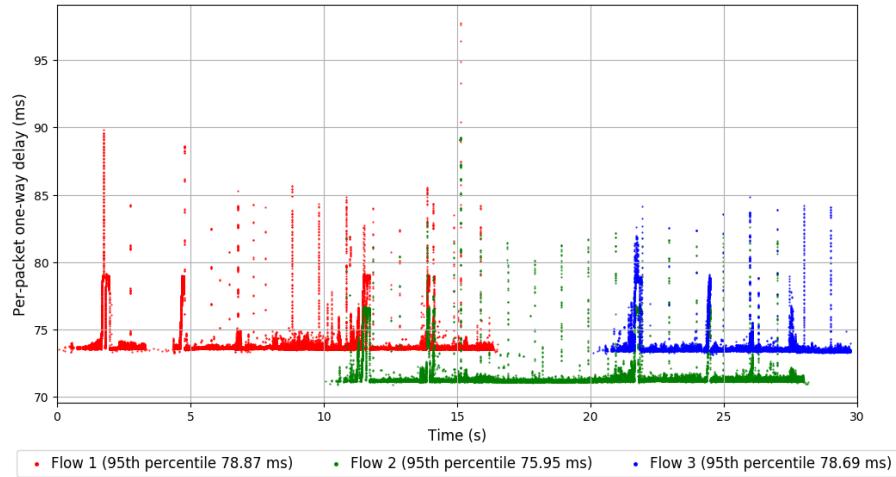
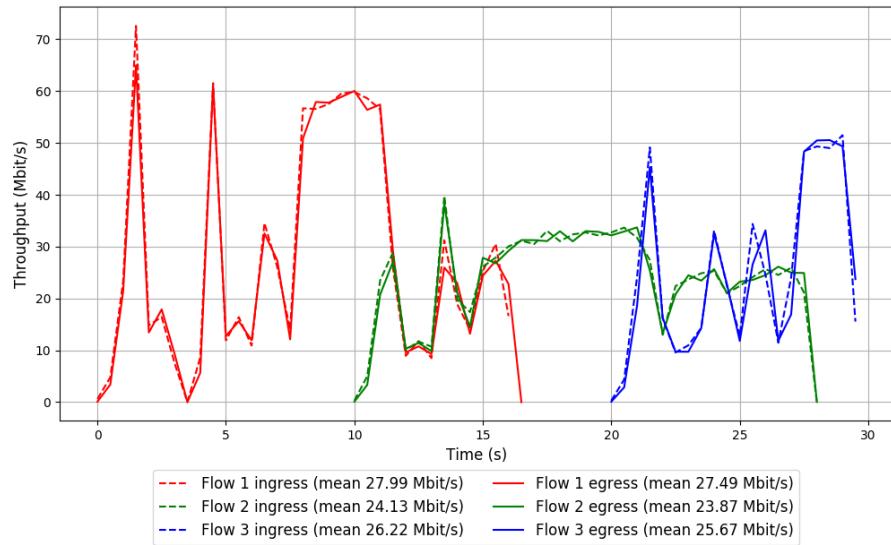


Run 8: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 22:31:52 +0000
End at: Sun, 09 Jul 2017 22:32:22 +0000
Local clock offset: -0.037 ms
Remote clock offset: -2.605 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.15 Mbit/s
95th percentile per-packet one-way delay: 78.394 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 27.49 Mbit/s
95th percentile per-packet one-way delay: 78.873 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 75.947 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 25.67 Mbit/s
95th percentile per-packet one-way delay: 78.685 ms
Loss rate: 2.11%
```

Run 8: Report of QUIC Cubic — Data Link

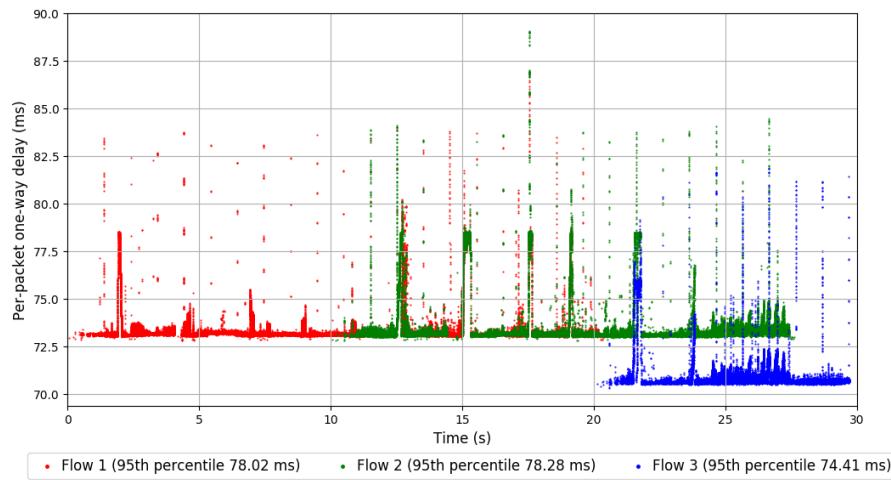
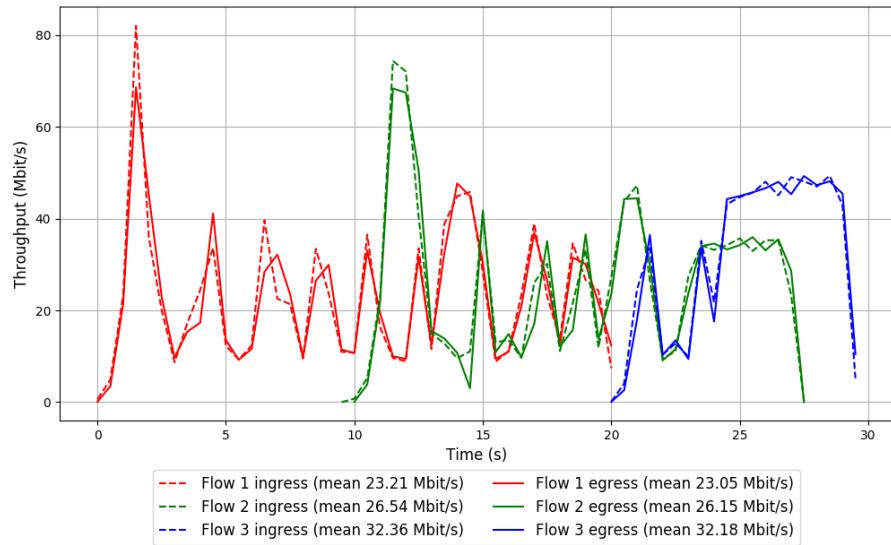


Run 9: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 22:51:47 +0000
End at: Sun, 09 Jul 2017 22:52:17 +0000
Local clock offset: -0.139 ms
Remote clock offset: -2.072 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 77.896 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 78.018 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 26.15 Mbit/s
95th percentile per-packet one-way delay: 78.283 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 74.411 ms
Loss rate: 0.56%
```

Run 9: Report of QUIC Cubic — Data Link

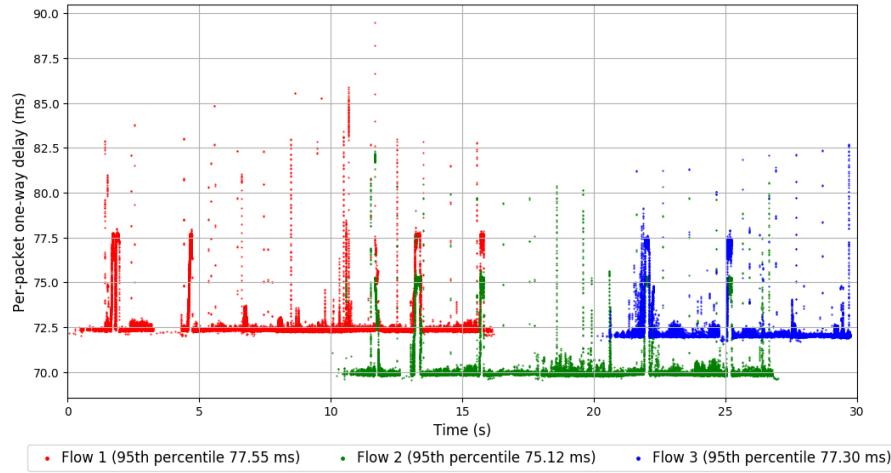
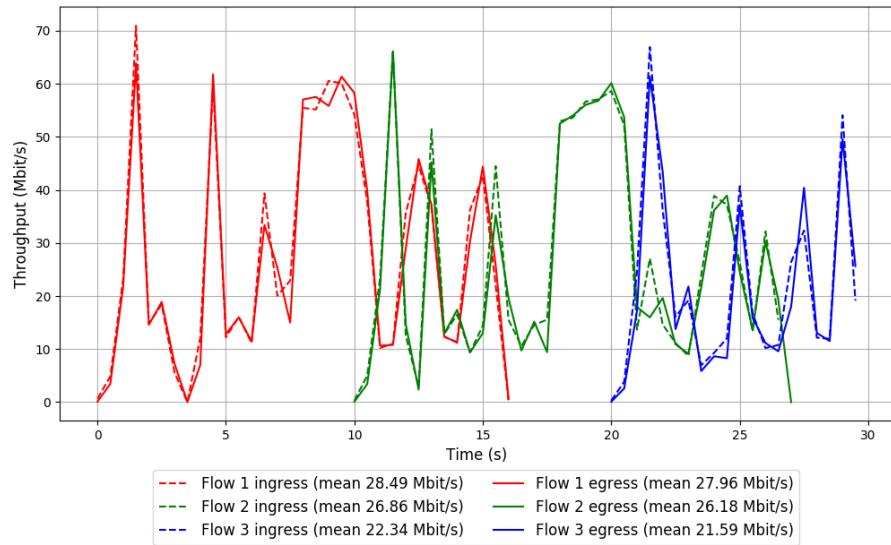


```
Run 10: Statistics of QUIC Cubic
```

```
Start at: Sun, 09 Jul 2017 23:11:42 +0000
End at: Sun, 09 Jul 2017 23:12:12 +0000
Local clock offset: -0.283 ms
Remote clock offset: -1.491 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.13 Mbit/s
95th percentile per-packet one-way delay: 77.029 ms
Loss rate: 2.44%
-- Flow 1:
Average throughput: 27.96 Mbit/s
95th percentile per-packet one-way delay: 77.552 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 26.18 Mbit/s
95th percentile per-packet one-way delay: 75.120 ms
Loss rate: 2.55%
-- Flow 3:
Average throughput: 21.59 Mbit/s
95th percentile per-packet one-way delay: 77.297 ms
Loss rate: 3.44%
```

Run 10: Report of QUIC Cubic — Data Link

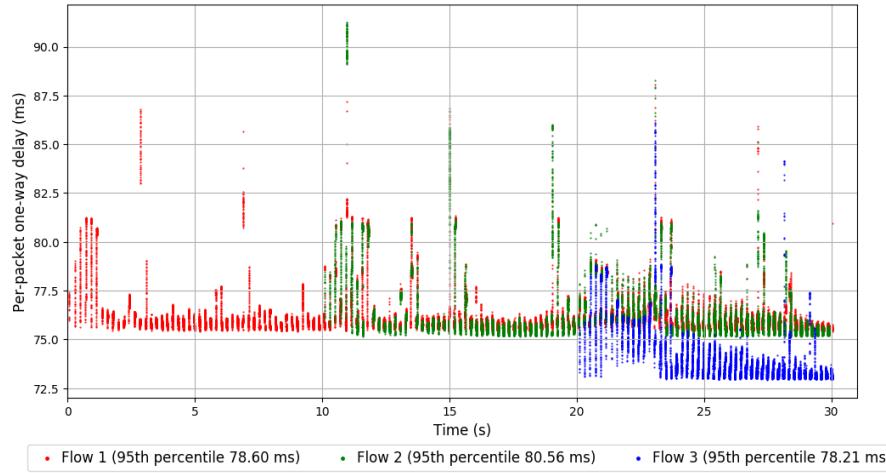
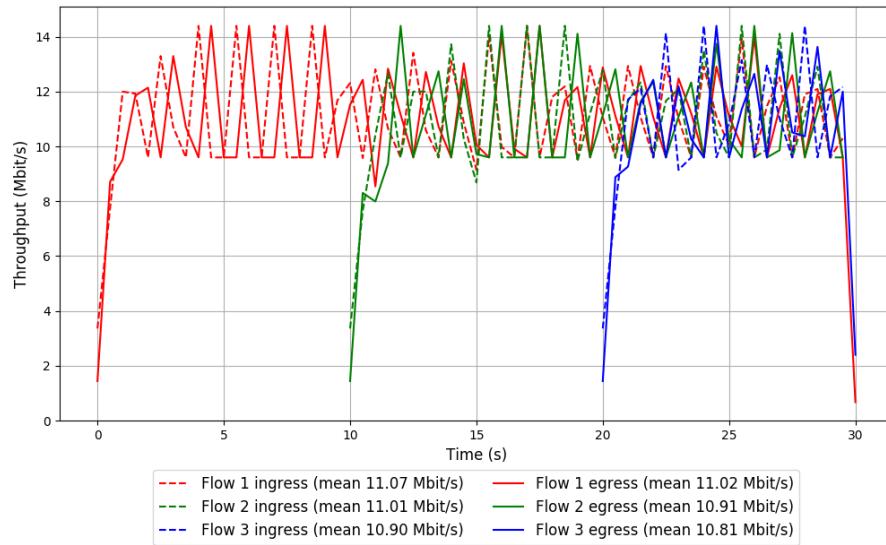


Run 1: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 20:03:34 +0000
End at: Sun, 09 Jul 2017 20:04:04 +0000
Local clock offset: -0.481 ms
Remote clock offset: -4.837 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.82 Mbit/s
95th percentile per-packet one-way delay: 78.902 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 78.603 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 10.91 Mbit/s
95th percentile per-packet one-way delay: 80.556 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 78.207 ms
Loss rate: 0.84%
```

Run 1: Report of Saturator — Data Link

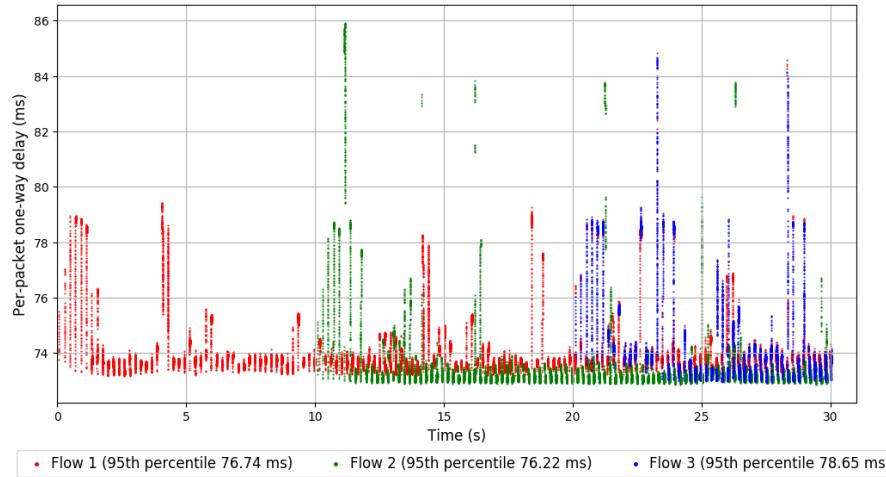
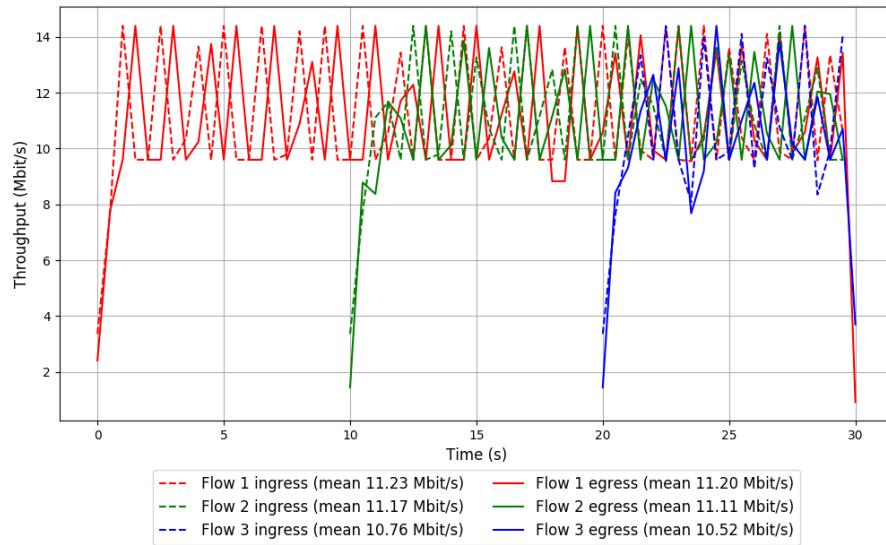


Run 2: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 20:23:25 +0000
End at: Sun, 09 Jul 2017 20:23:55 +0000
Local clock offset: -0.494 ms
Remote clock offset: -4.816 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:17 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 77.540 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 11.20 Mbit/s
95th percentile per-packet one-way delay: 76.737 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 76.218 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 78.646 ms
Loss rate: 2.22%
```

Run 2: Report of Saturator — Data Link

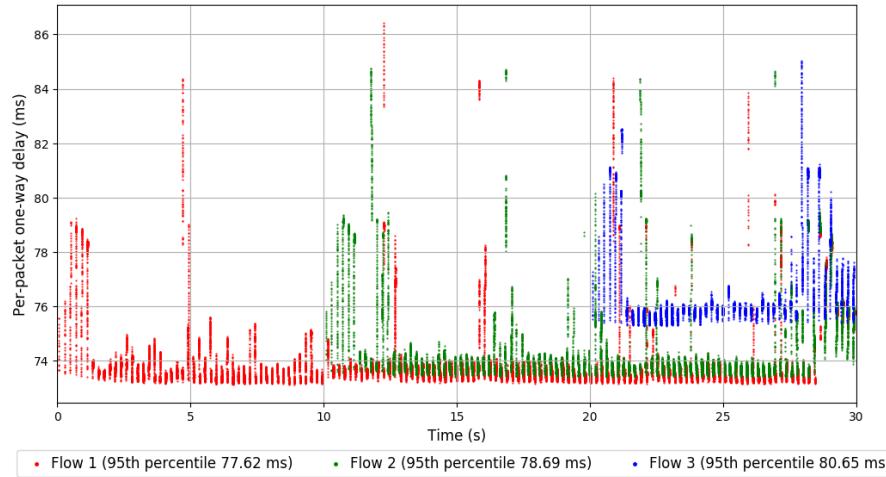
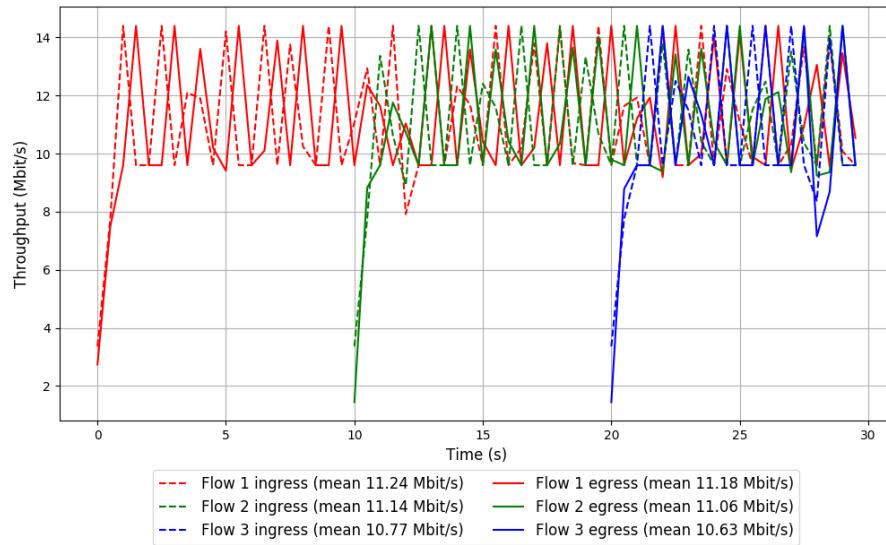


Run 3: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 20:43:03 +0000
End at: Sun, 09 Jul 2017 20:43:33 +0000
Local clock offset: -0.679 ms
Remote clock offset: -5.032 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:19 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 78.461 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 11.18 Mbit/s
95th percentile per-packet one-way delay: 77.616 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 11.06 Mbit/s
95th percentile per-packet one-way delay: 78.686 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 10.63 Mbit/s
95th percentile per-packet one-way delay: 80.651 ms
Loss rate: 1.23%
```

Run 3: Report of Saturator — Data Link

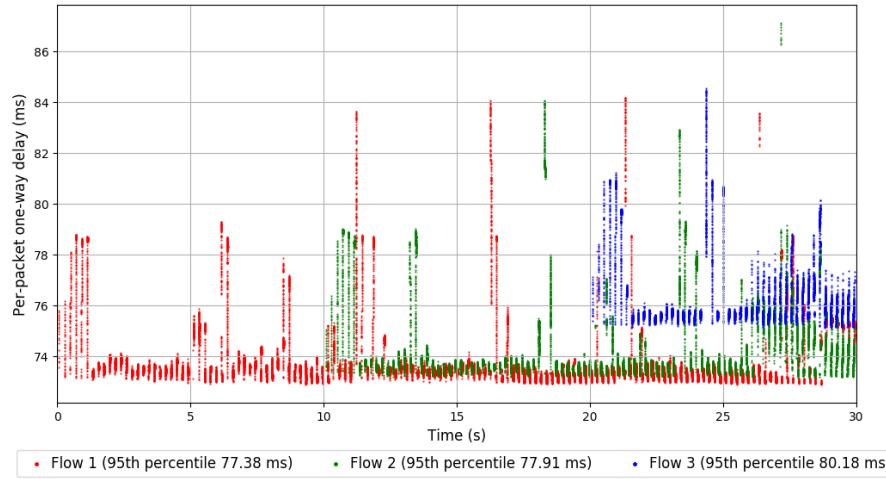
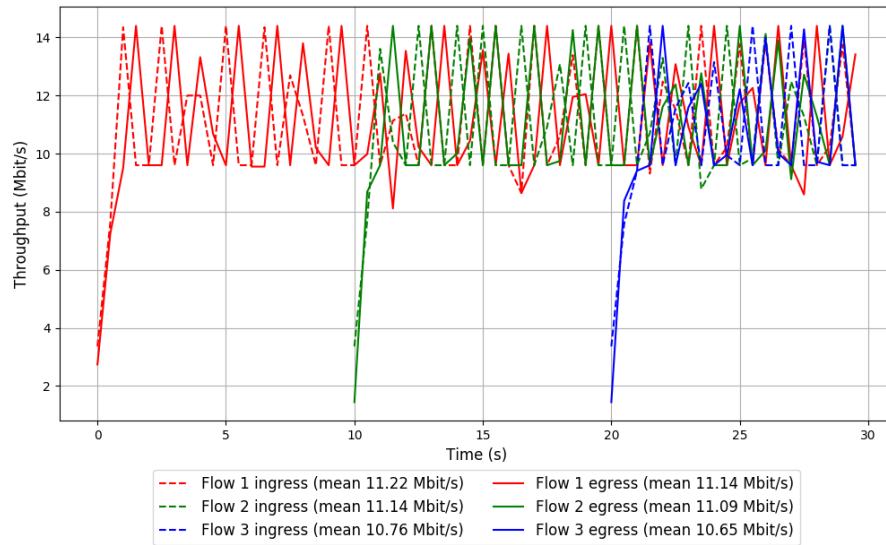


Run 4: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 21:02:53 +0000
End at: Sun, 09 Jul 2017 21:03:23 +0000
Local clock offset: -0.553 ms
Remote clock offset: -4.707 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 78.344 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 77.375 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 11.09 Mbit/s
95th percentile per-packet one-way delay: 77.905 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 80.181 ms
Loss rate: 0.96%
```

Run 4: Report of Saturator — Data Link

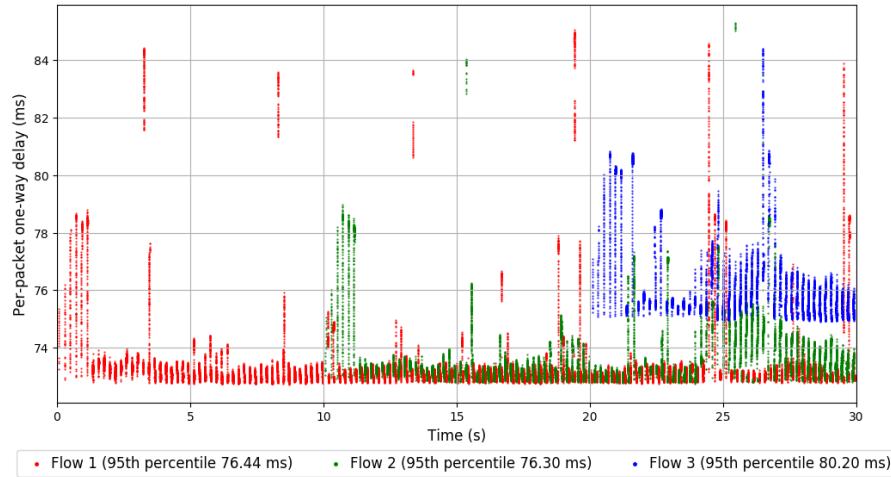
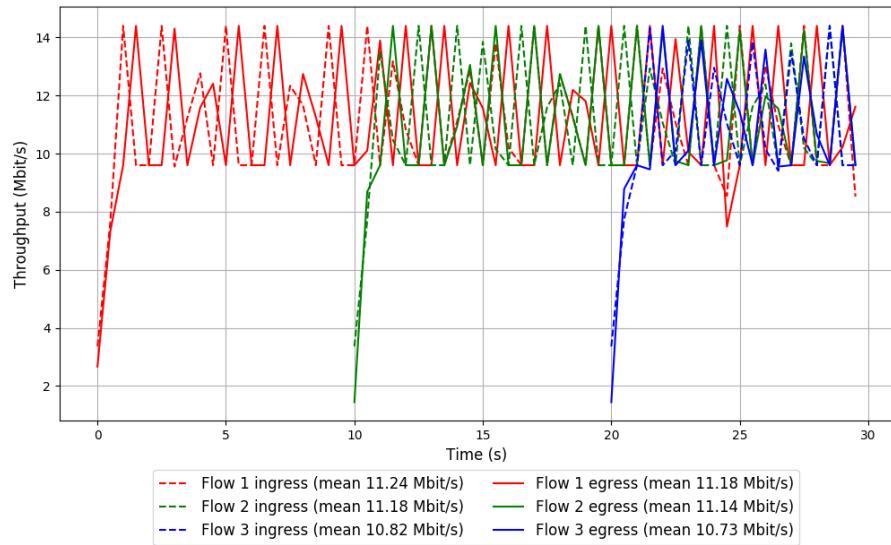


Run 5: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 21:22:24 +0000
End at: Sun, 09 Jul 2017 21:22:54 +0000
Local clock offset: -0.375 ms
Remote clock offset: -4.133 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 77.527 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 11.18 Mbit/s
95th percentile per-packet one-way delay: 76.445 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 76.297 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 80.199 ms
Loss rate: 0.77%
```

Run 5: Report of Saturator — Data Link

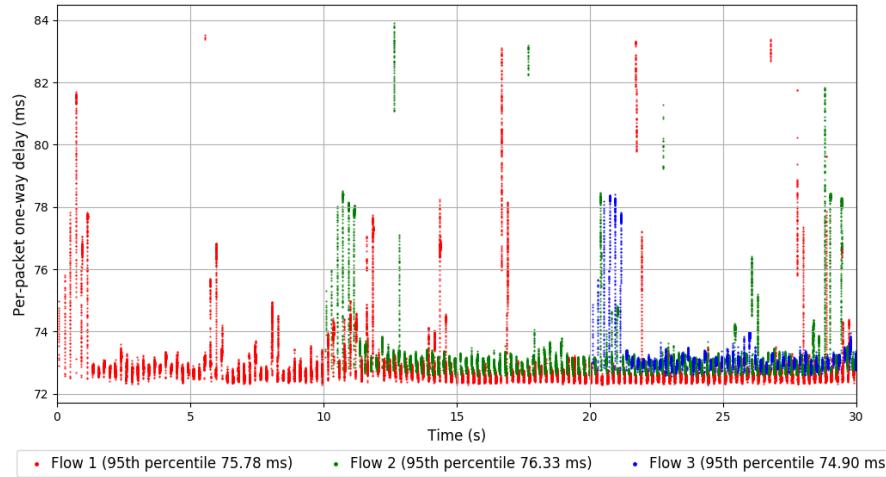
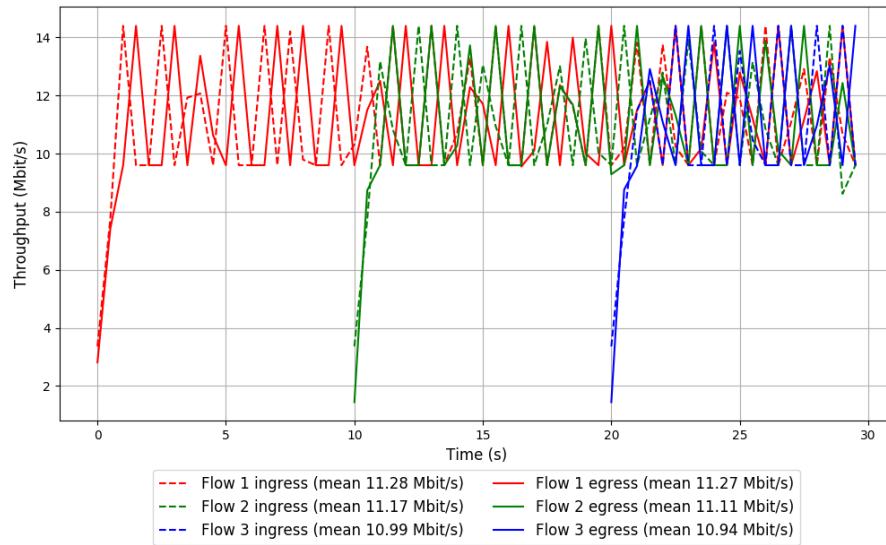


Run 6: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 21:42:07 +0000
End at: Sun, 09 Jul 2017 21:42:37 +0000
Local clock offset: 1.227 ms
Remote clock offset: -3.721 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.21 Mbit/s
95th percentile per-packet one-way delay: 75.903 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 75.775 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 76.332 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 74.903 ms
Loss rate: 0.42%
```

Run 6: Report of Saturator — Data Link

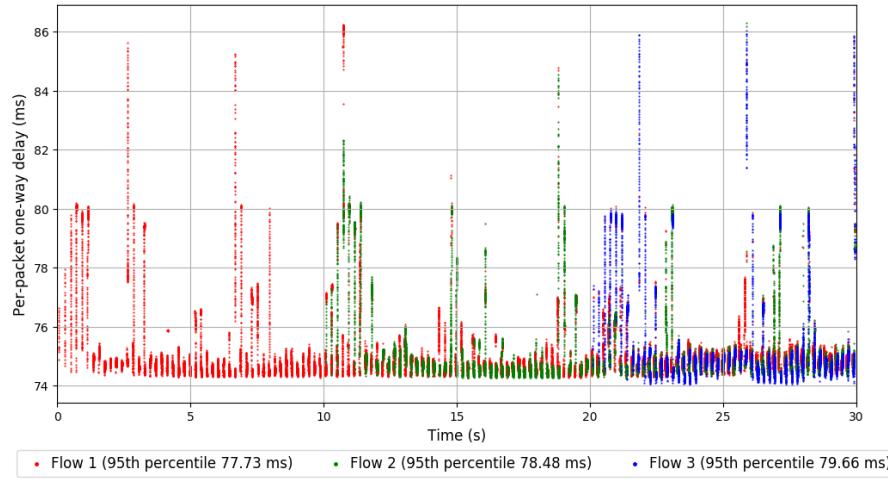
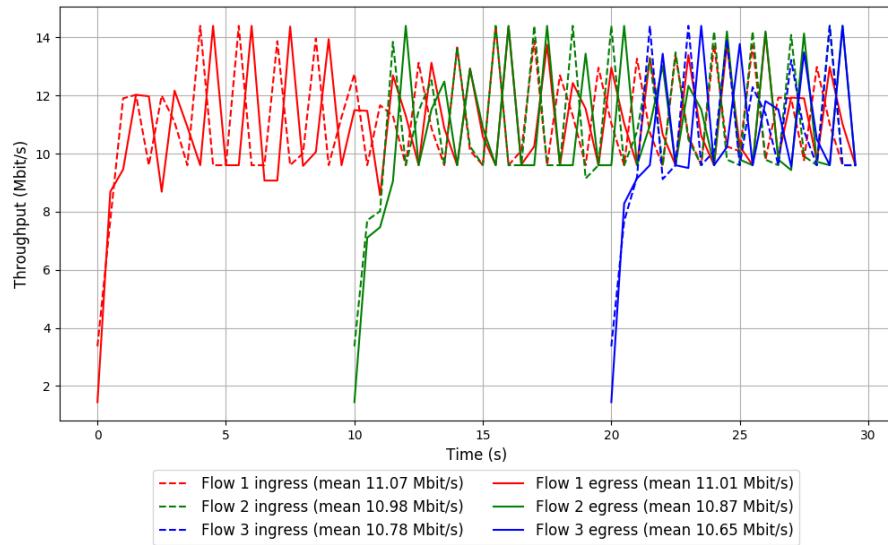


Run 7: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 22:01:49 +0000
End at: Sun, 09 Jul 2017 22:02:19 +0000
Local clock offset: -0.142 ms
Remote clock offset: -3.228 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 78.988 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 77.731 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 78.485 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 79.663 ms
Loss rate: 1.11%
```

Run 7: Report of Saturator — Data Link

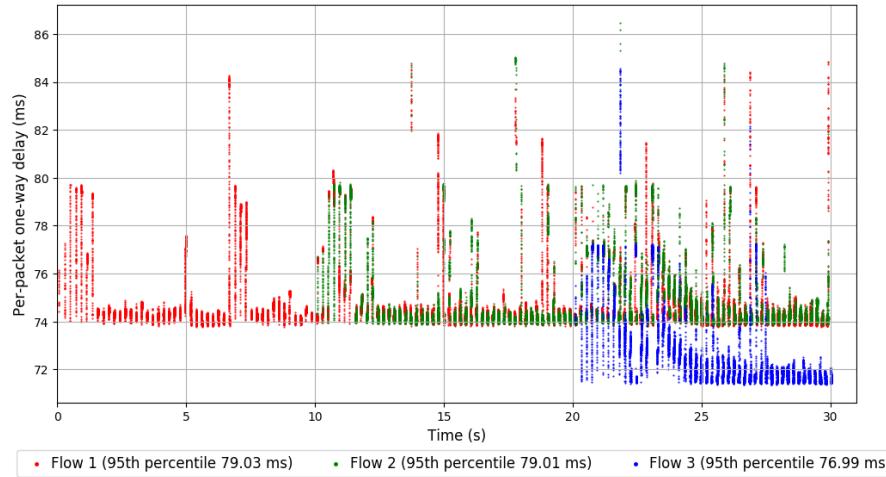
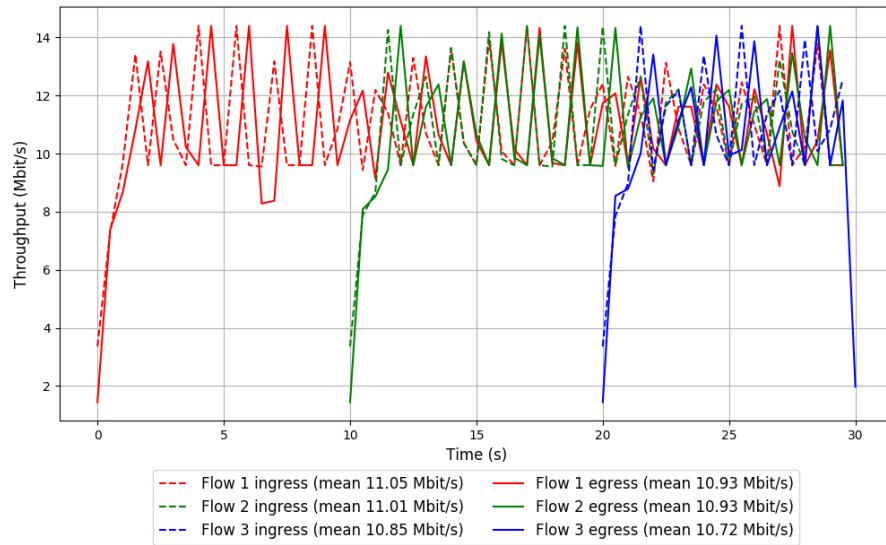


Run 8: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 22:21:32 +0000
End at: Sun, 09 Jul 2017 22:22:02 +0000
Local clock offset: 0.984 ms
Remote clock offset: -2.826 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.66 Mbit/s
95th percentile per-packet one-way delay: 78.663 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 79.027 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 79.014 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 10.72 Mbit/s
95th percentile per-packet one-way delay: 76.994 ms
Loss rate: 1.25%
```

Run 8: Report of Saturator — Data Link

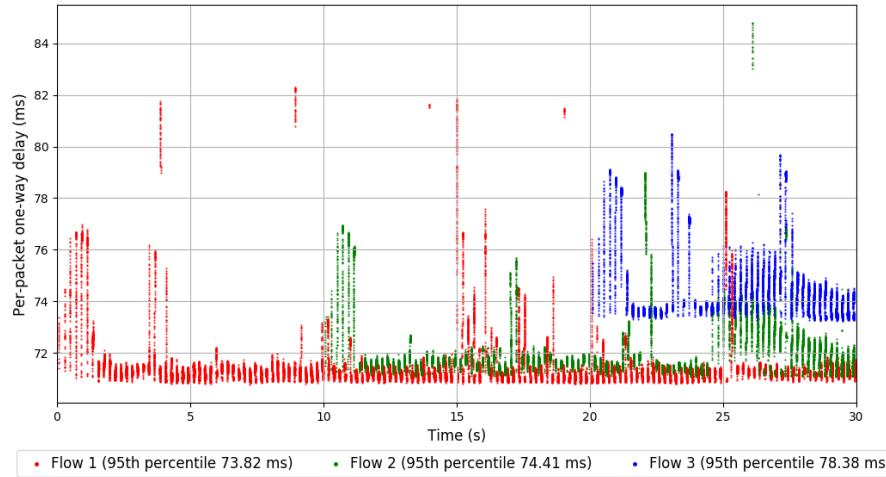
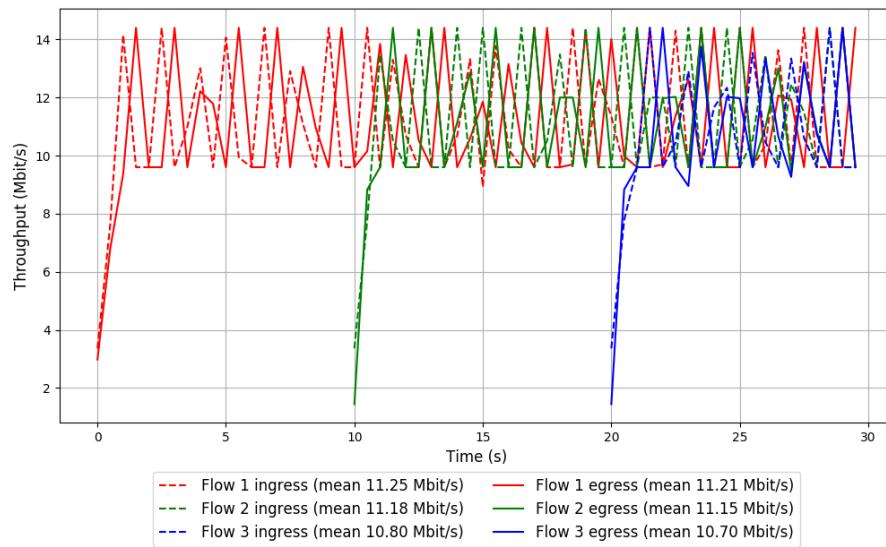


Run 9: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 22:41:19 +0000
End at: Sun, 09 Jul 2017 22:41:49 +0000
Local clock offset: 0.046 ms
Remote clock offset: -2.324 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.13 Mbit/s
95th percentile per-packet one-way delay: 75.690 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 11.21 Mbit/s
95th percentile per-packet one-way delay: 73.818 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 11.15 Mbit/s
95th percentile per-packet one-way delay: 74.410 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 78.376 ms
Loss rate: 0.87%
```

Run 9: Report of Saturator — Data Link

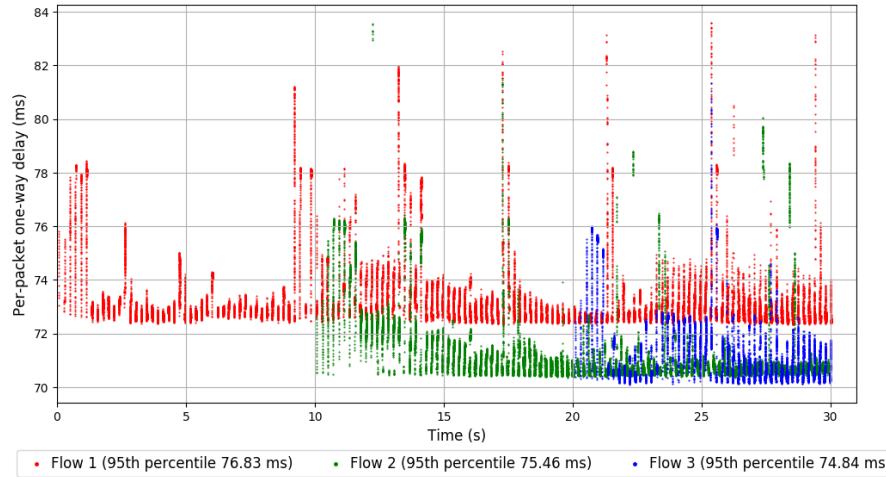
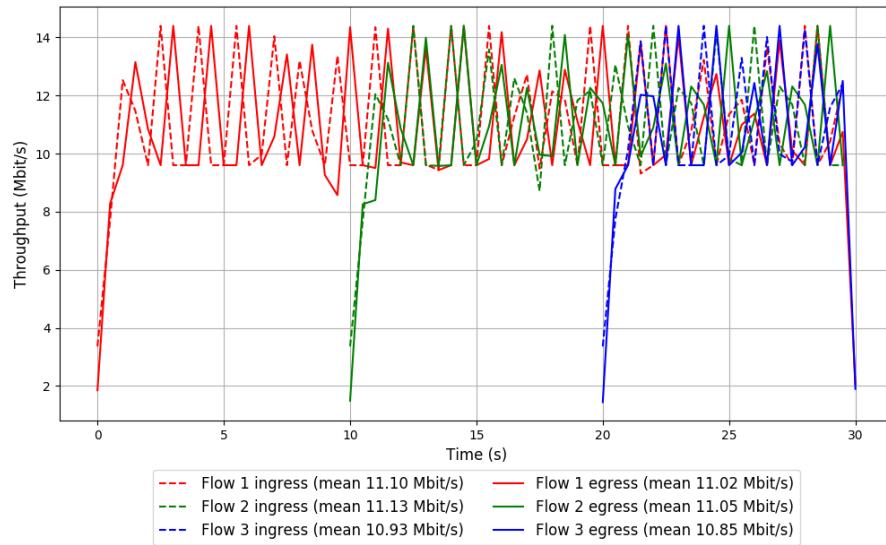


Run 10: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:01:12 +0000
End at: Sun, 09 Jul 2017 23:01:42 +0000
Local clock offset: -0.188 ms
Remote clock offset: -1.8 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.92 Mbit/s
95th percentile per-packet one-way delay: 75.792 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 76.827 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 75.464 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 10.85 Mbit/s
95th percentile per-packet one-way delay: 74.843 ms
Loss rate: 0.76%
```

Run 10: Report of Saturator — Data Link

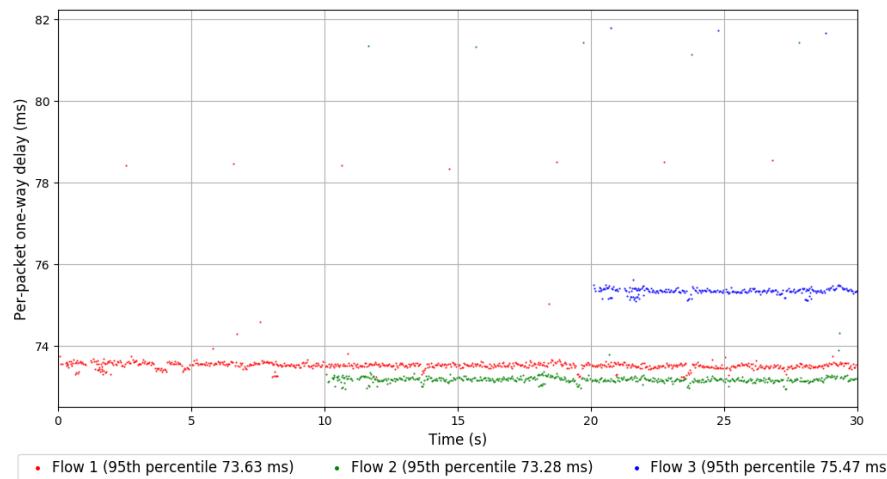
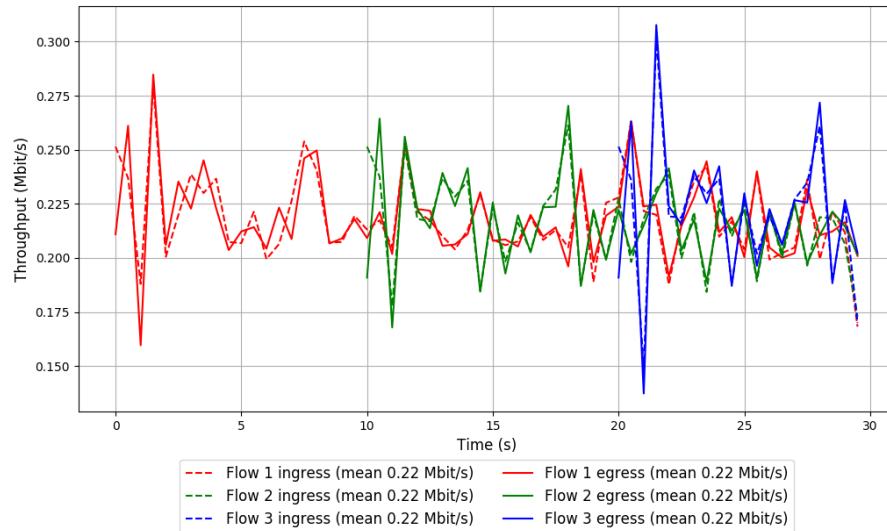


Run 1: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 20:06:14 +0000
End at: Sun, 09 Jul 2017 20:06:44 +0000
Local clock offset: -0.485 ms
Remote clock offset: -4.826 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 75.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.630 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.283 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.465 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

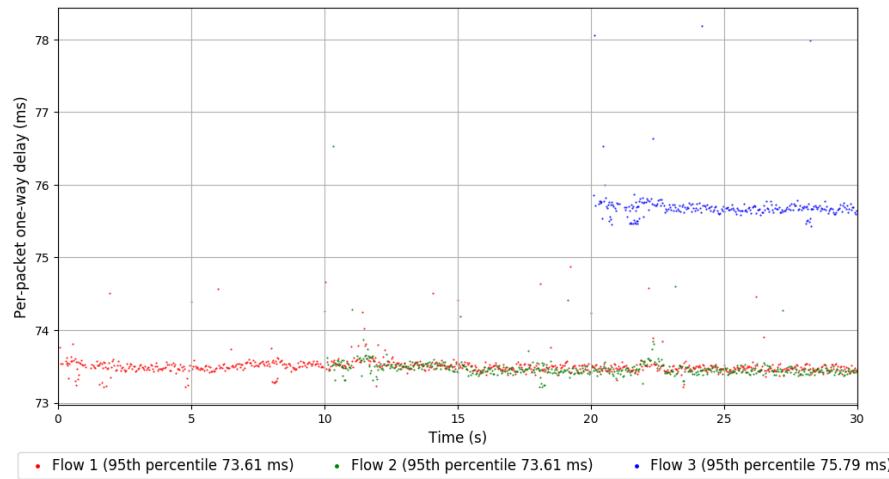
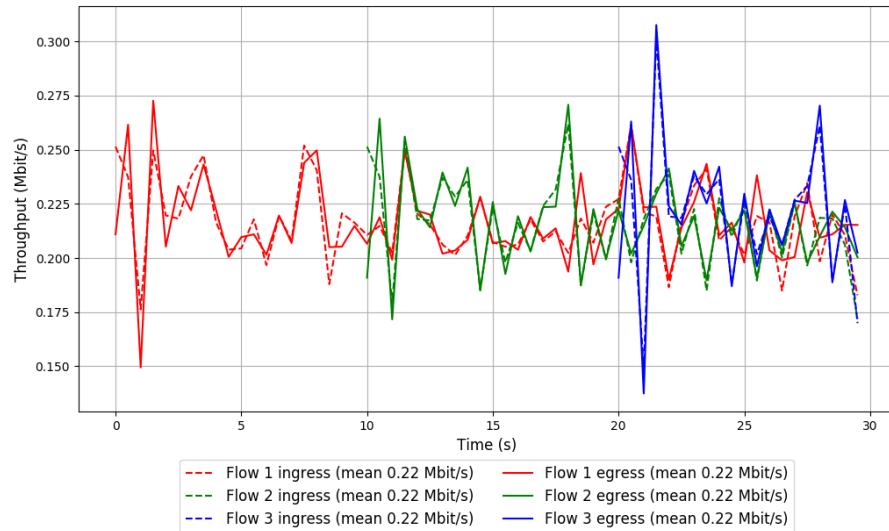


Run 2: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 20:26:05 +0000
End at: Sun, 09 Jul 2017 20:26:35 +0000
Local clock offset: -0.524 ms
Remote clock offset: -4.842 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 75.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.611 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.606 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.794 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

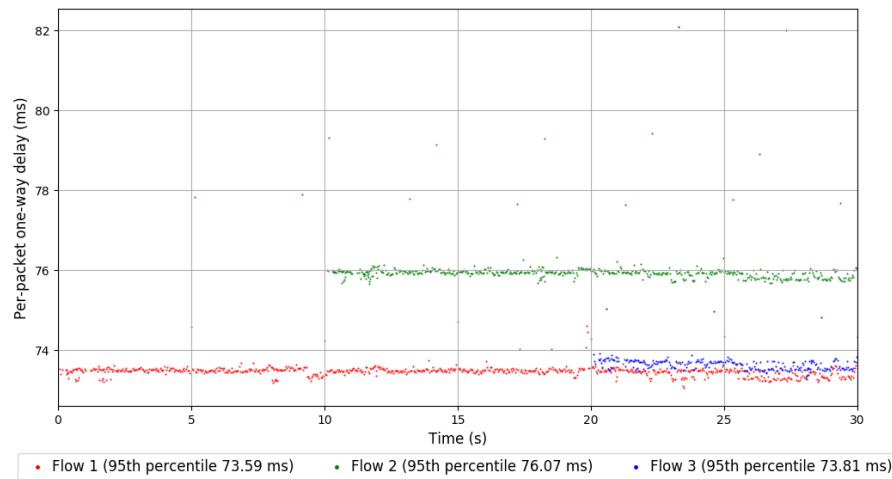
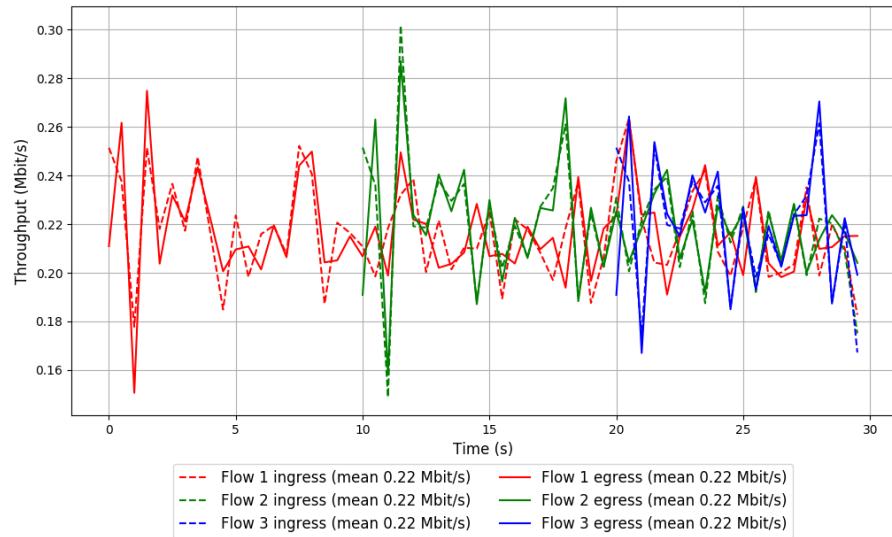


Run 3: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 20:45:43 +0000
End at: Sun, 09 Jul 2017 20:46:13 +0000
Local clock offset: -0.504 ms
Remote clock offset: -5.025 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 76.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.591 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 76.066 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.808 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

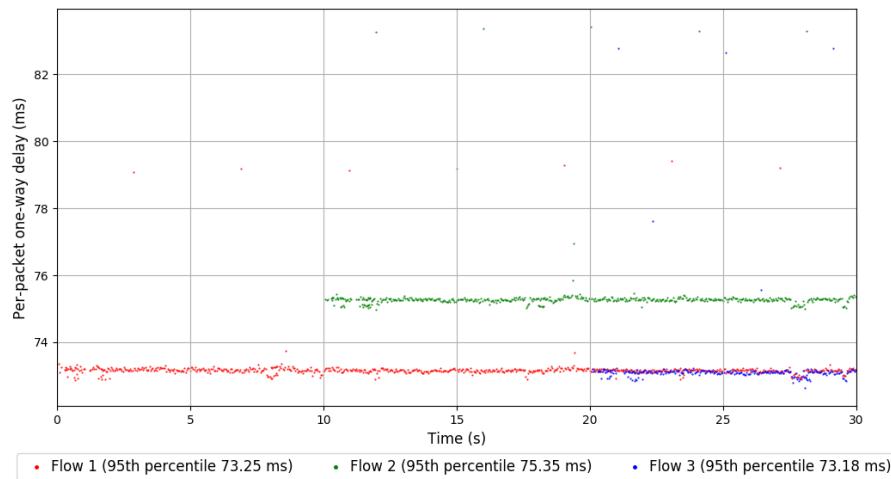
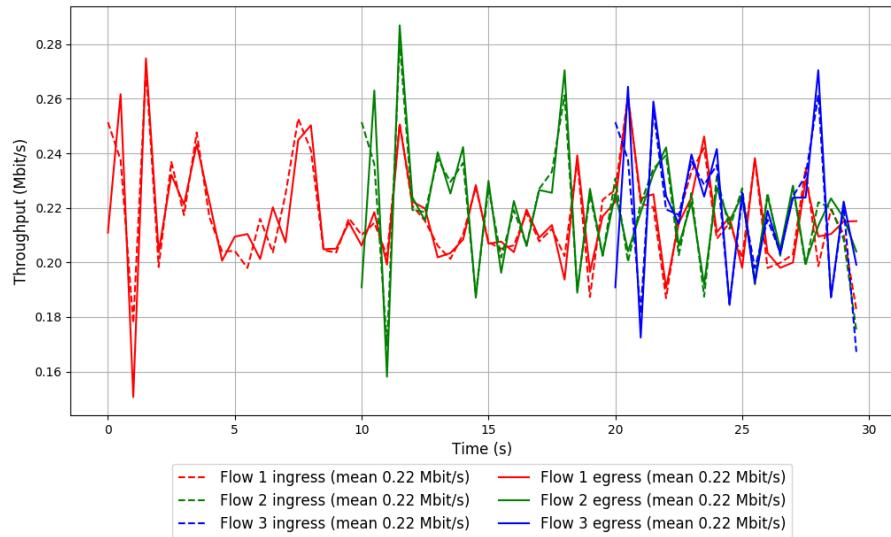


Run 4: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 21:05:25 +0000
End at: Sun, 09 Jul 2017 21:05:55 +0000
Local clock offset: -0.518 ms
Remote clock offset: -4.682 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 75.319 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.250 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.349 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.180 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

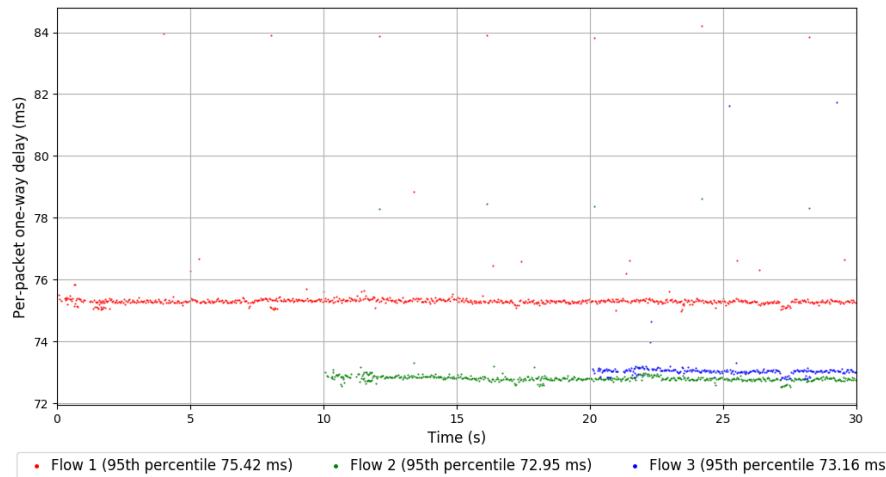
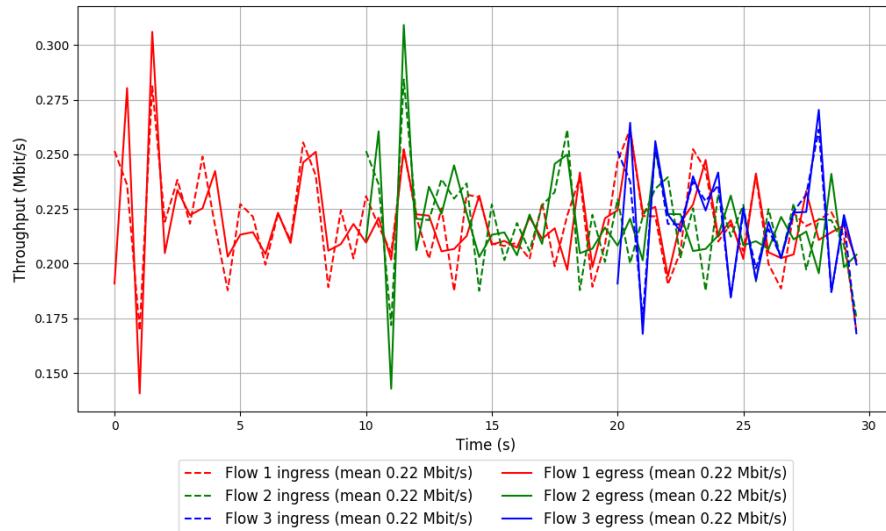


Run 5: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 21:25:05 +0000
End at: Sun, 09 Jul 2017 21:25:35 +0000
Local clock offset: 0.82 ms
Remote clock offset: -4.096 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 75.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.420 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.953 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.164 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

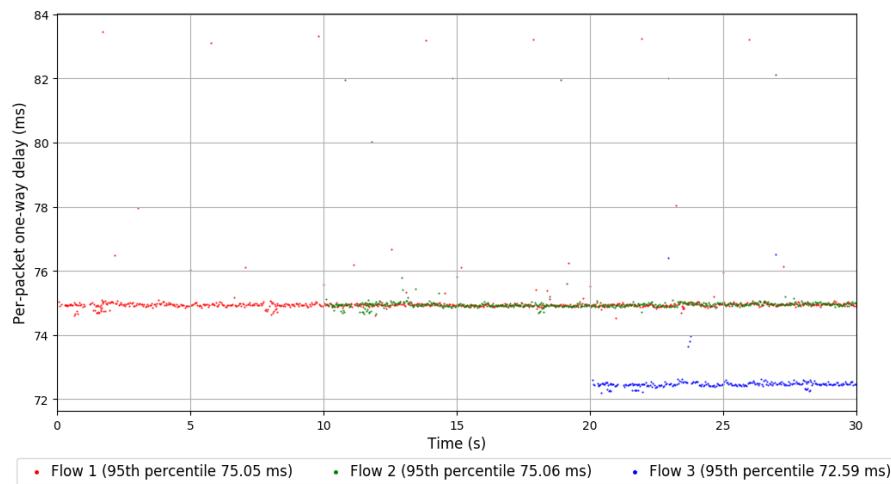
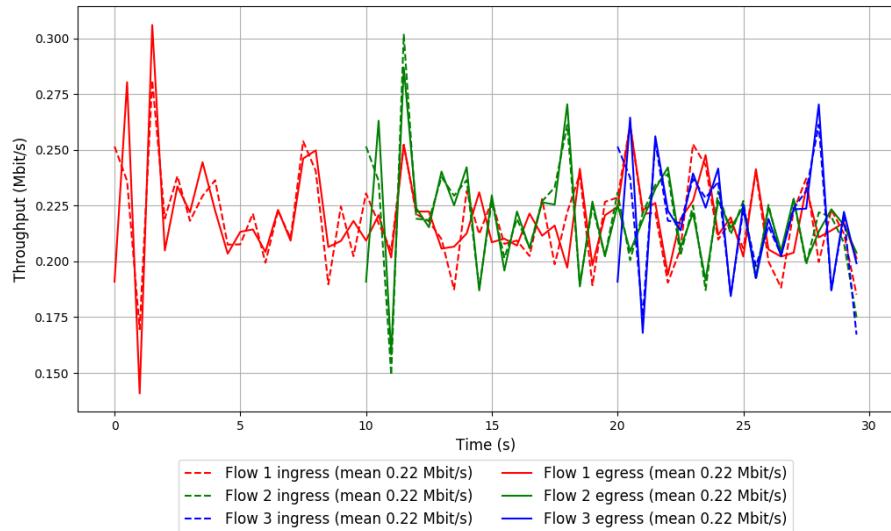


Run 6: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 21:44:47 +0000
End at: Sun, 09 Jul 2017 21:45:17 +0000
Local clock offset: -0.024 ms
Remote clock offset: -3.674 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 75.044 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.049 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.055 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.590 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

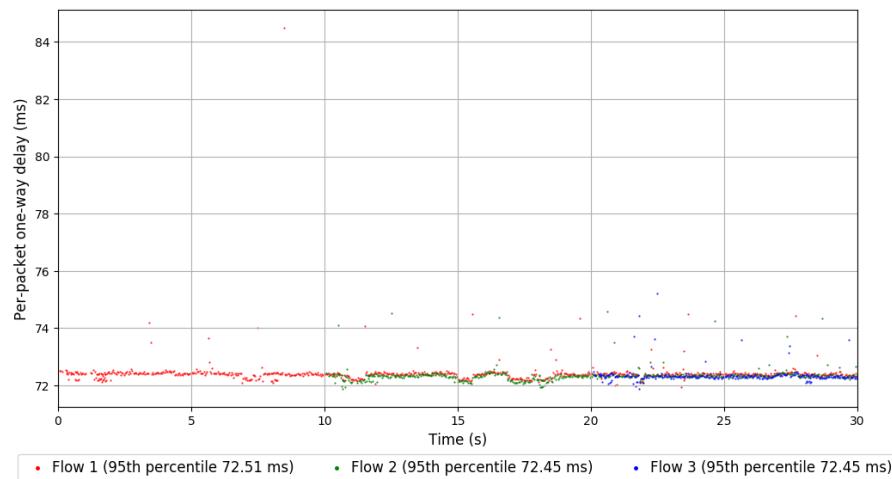
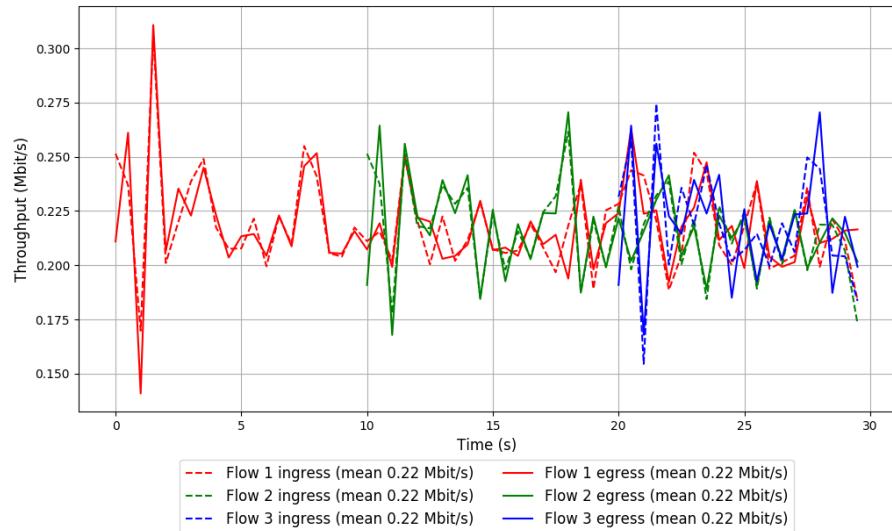


Run 7: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 22:04:30 +0000
End at: Sun, 09 Jul 2017 22:05:00 +0000
Local clock offset: -0.068 ms
Remote clock offset: -3.199 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 72.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.509 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.452 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.451 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

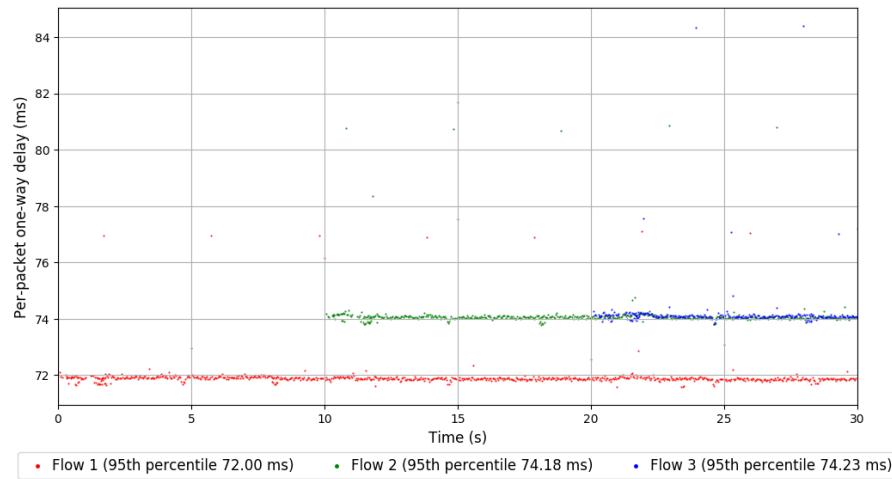
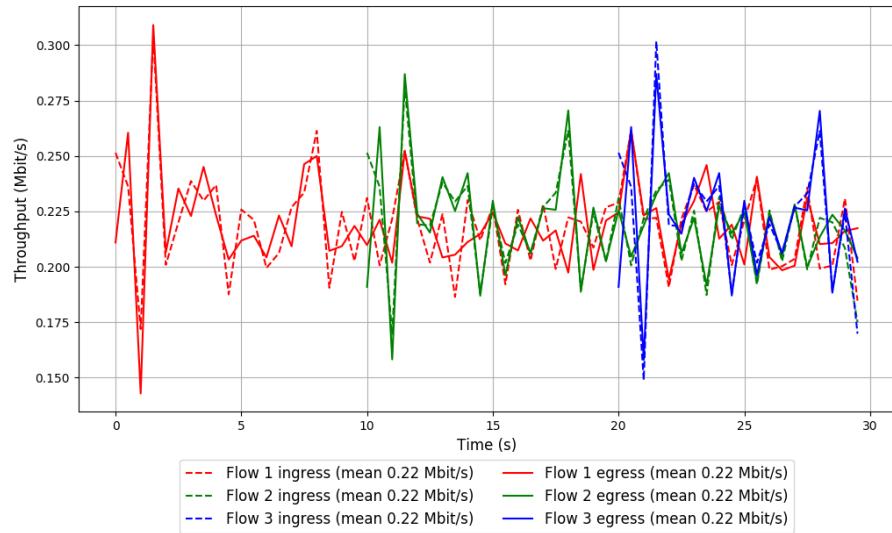


Run 8: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 22:24:13 +0000
End at: Sun, 09 Jul 2017 22:24:43 +0000
Local clock offset: -0.03 ms
Remote clock offset: -2.778 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 74.170 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.004 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.176 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.229 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

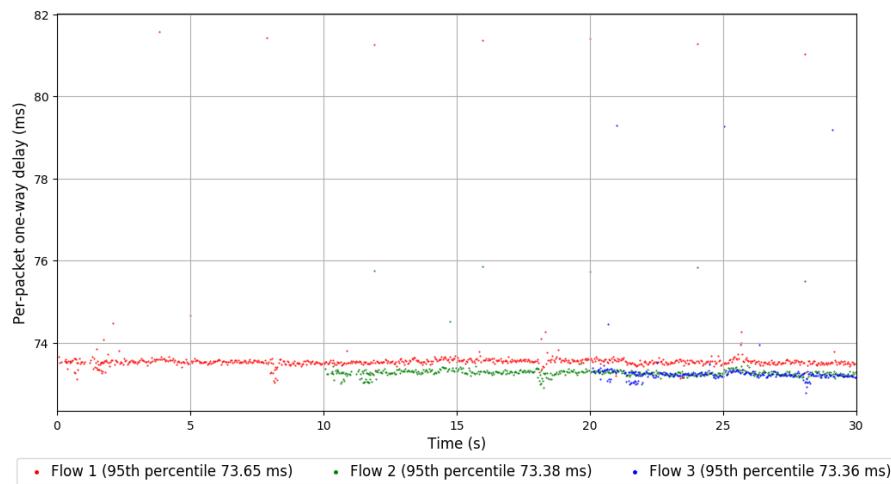
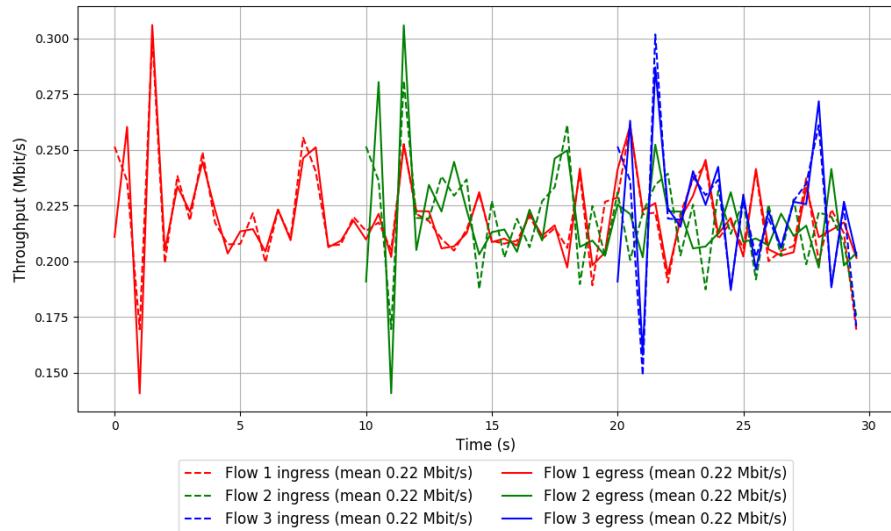


Run 9: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 22:43:59 +0000
End at: Sun, 09 Jul 2017 22:44:29 +0000
Local clock offset: -0.096 ms
Remote clock offset: -2.272 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 73.615 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.649 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.378 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.356 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

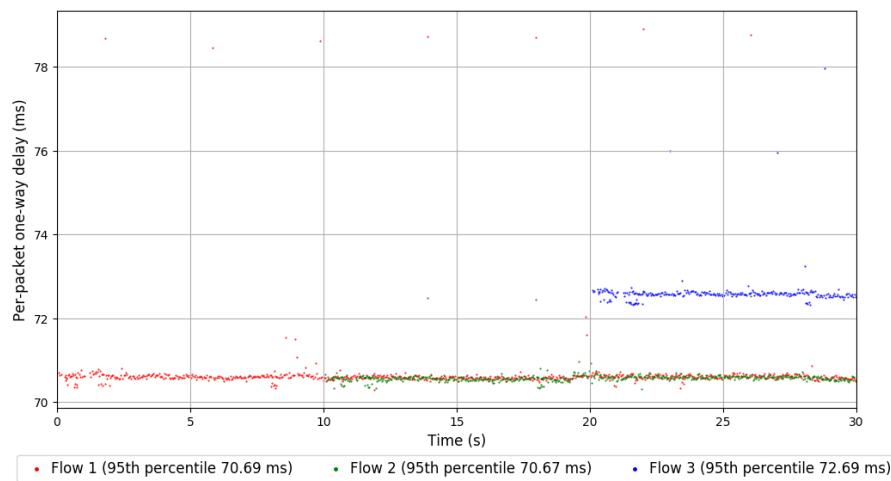
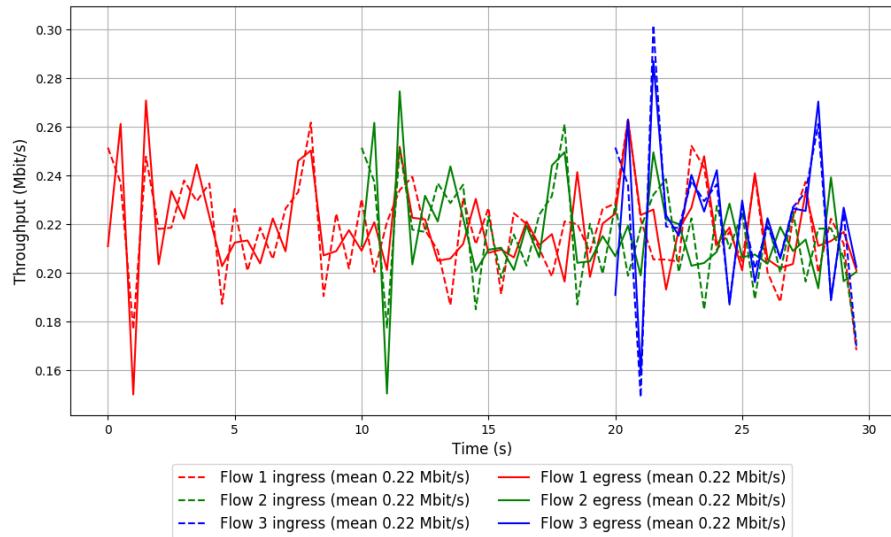


Run 10: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:03:52 +0000
End at: Sun, 09 Jul 2017 23:04:22 +0000
Local clock offset: 0.969 ms
Remote clock offset: -1.662 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:39 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 72.619 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 70.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 70.666 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.685 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

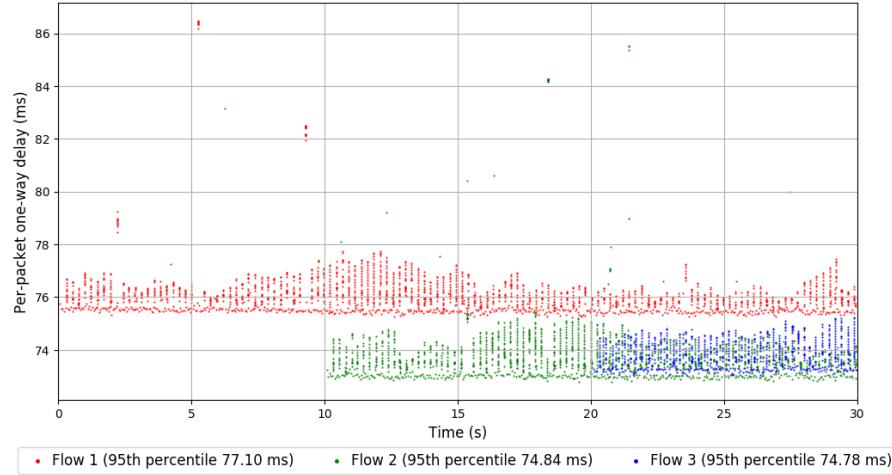
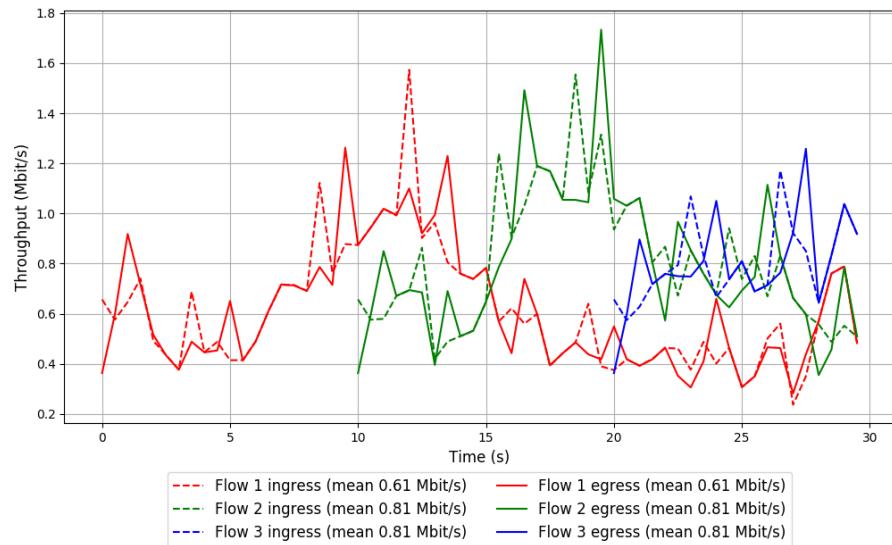


Run 1: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 19:58:16 +0000
End at: Sun, 09 Jul 2017 19:58:46 +0000
Local clock offset: -0.417 ms
Remote clock offset: -4.847 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 76.793 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 77.098 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 74.842 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 74.777 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

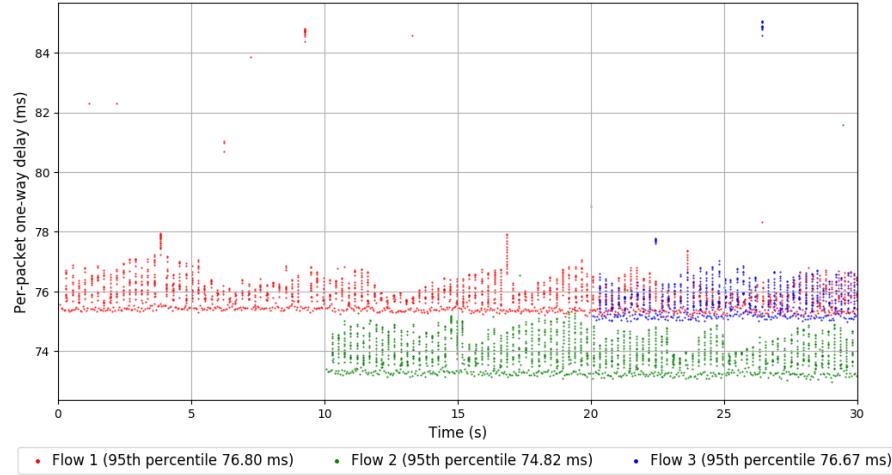
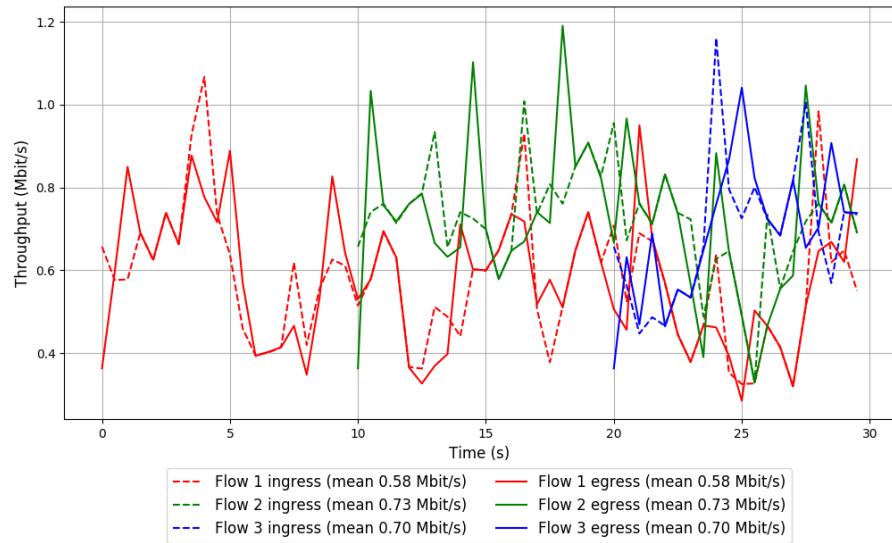


Run 2: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 20:18:08 +0000
End at: Sun, 09 Jul 2017 20:18:38 +0000
Local clock offset: -0.403 ms
Remote clock offset: -4.782 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 76.626 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 76.803 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 74.820 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 76.667 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

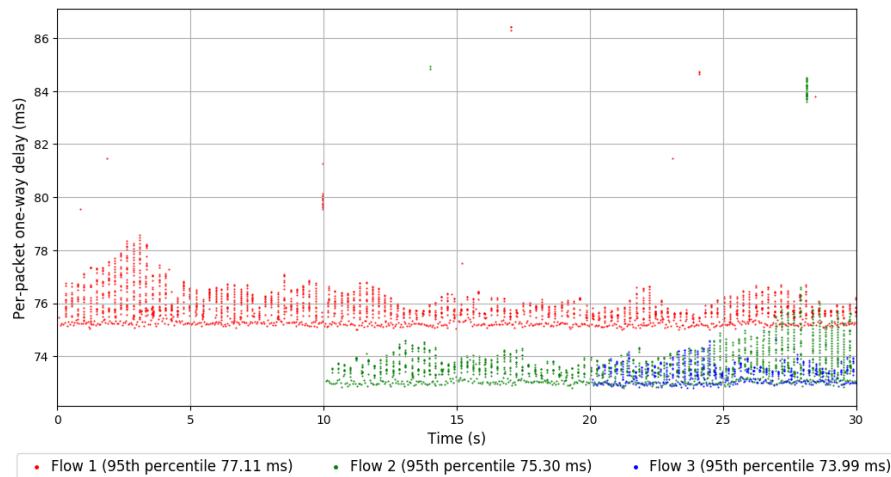
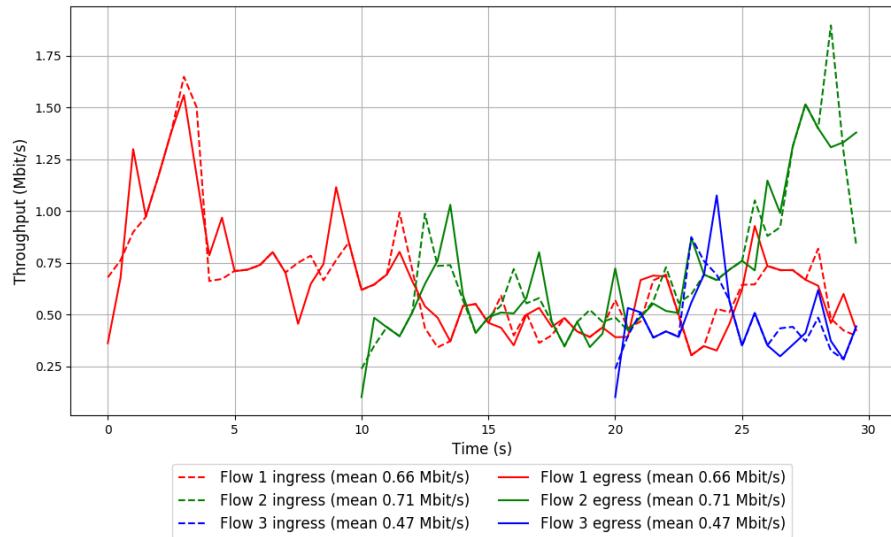


Run 3: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 20:37:46 +0000
End at: Sun, 09 Jul 2017 20:38:16 +0000
Local clock offset: 0.893 ms
Remote clock offset: -4.884 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 76.710 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 77.109 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 75.297 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 73.993 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

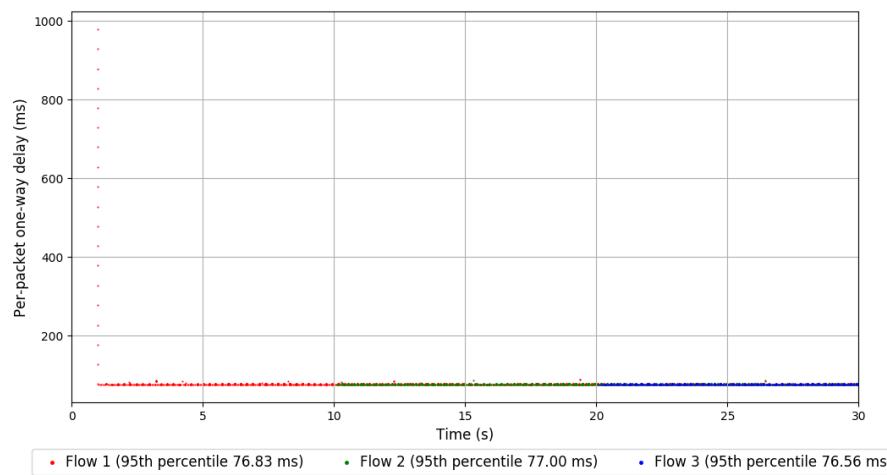
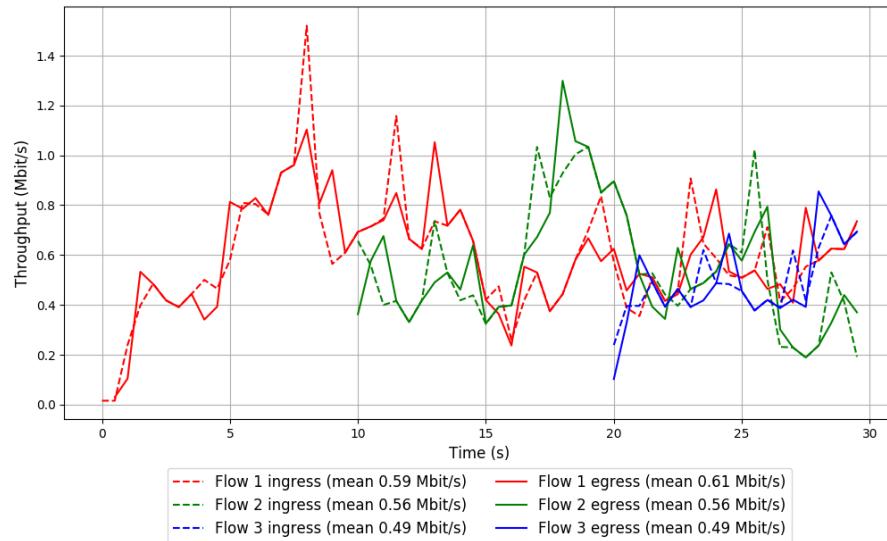


Run 4: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 20:57:37 +0000
End at: Sun, 09 Jul 2017 20:58:07 +0000
Local clock offset: -0.493 ms
Remote clock offset: -4.877 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 76.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 76.831 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 76.995 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 76.564 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

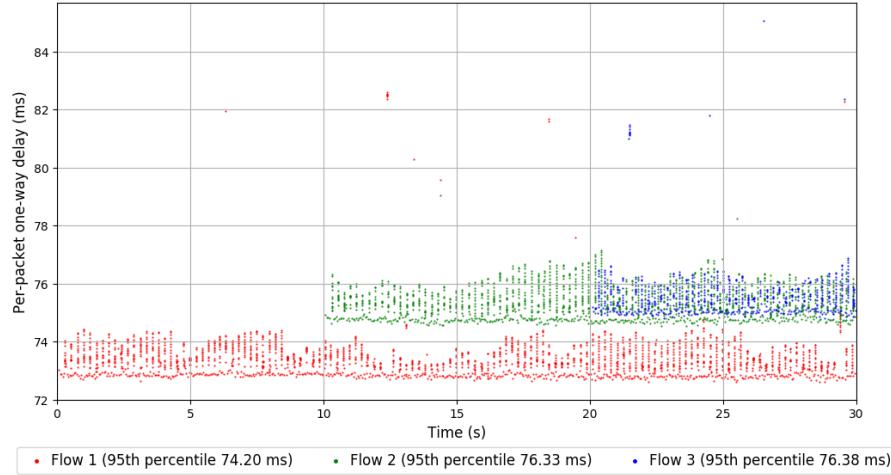
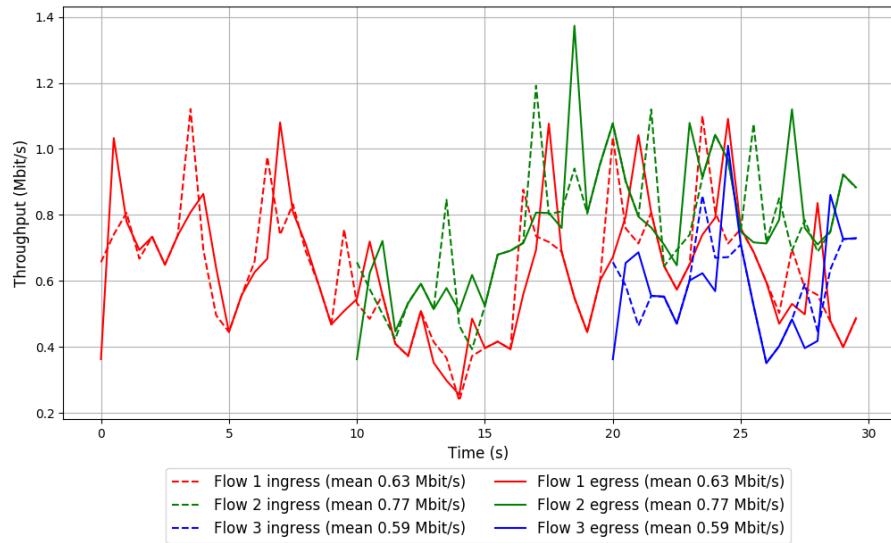


Run 5: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 21:17:08 +0000
End at: Sun, 09 Jul 2017 21:17:38 +0000
Local clock offset: -0.332 ms
Remote clock offset: -4.227 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 76.186 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 74.199 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 76.330 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 76.380 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

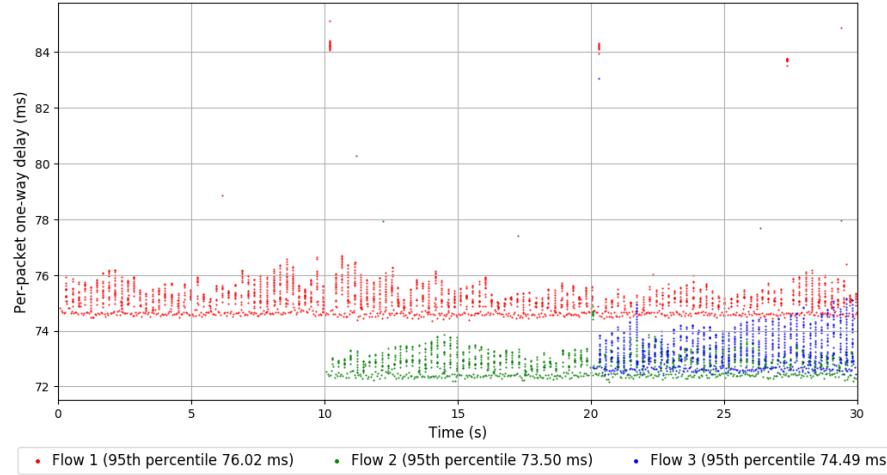
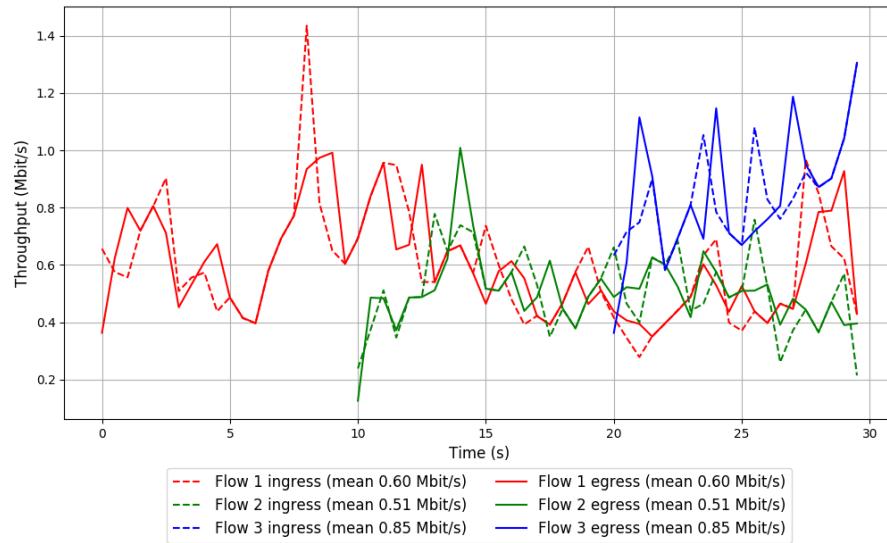


Run 6: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 21:36:51 +0000
End at: Sun, 09 Jul 2017 21:37:21 +0000
Local clock offset: -0.065 ms
Remote clock offset: -3.905 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:43 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 75.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 76.020 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 73.495 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 74.489 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

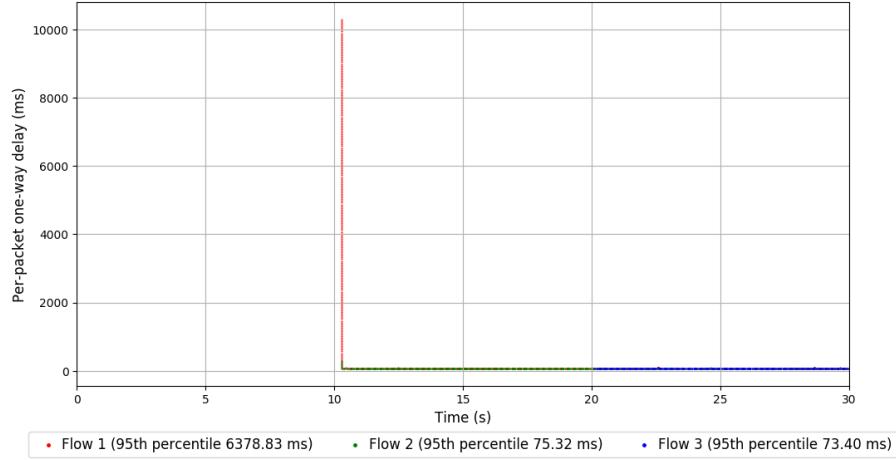
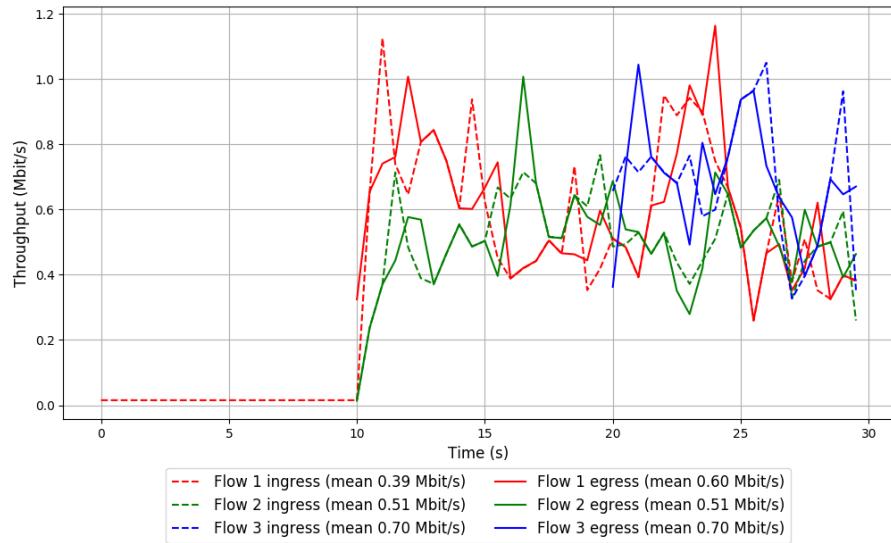
Start at: Sun, 09 Jul 2017 21:56:33 +0000

End at: Sun, 09 Jul 2017 21:57:04 +0000

Local clock offset: -0.014 ms

Remote clock offset: -3.248 ms

Run 7: Report of Sprout — Data Link

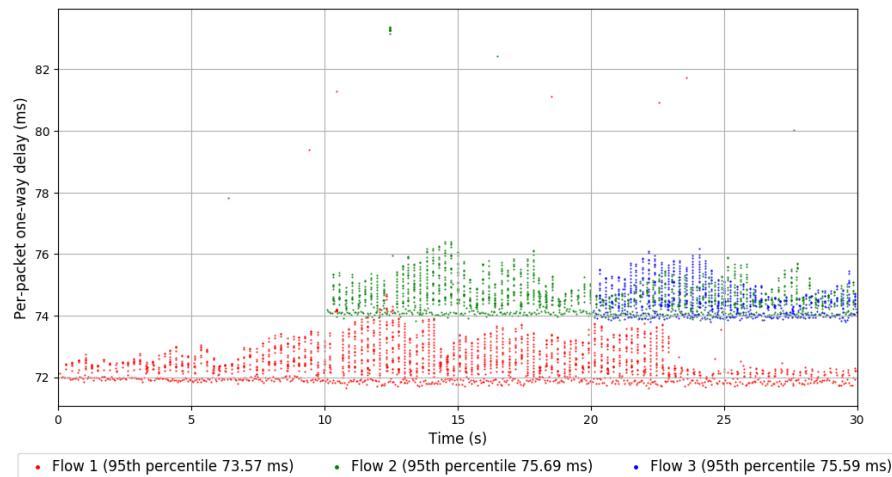
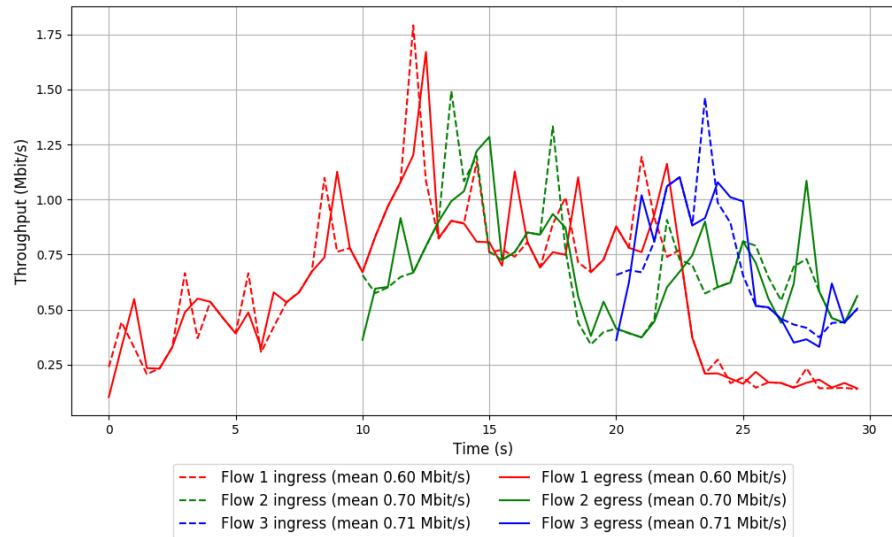


Run 8: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 22:16:16 +0000
End at: Sun, 09 Jul 2017 22:16:46 +0000
Local clock offset: 1.062 ms
Remote clock offset: -2.962 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 75.433 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 73.567 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 75.690 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 75.592 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

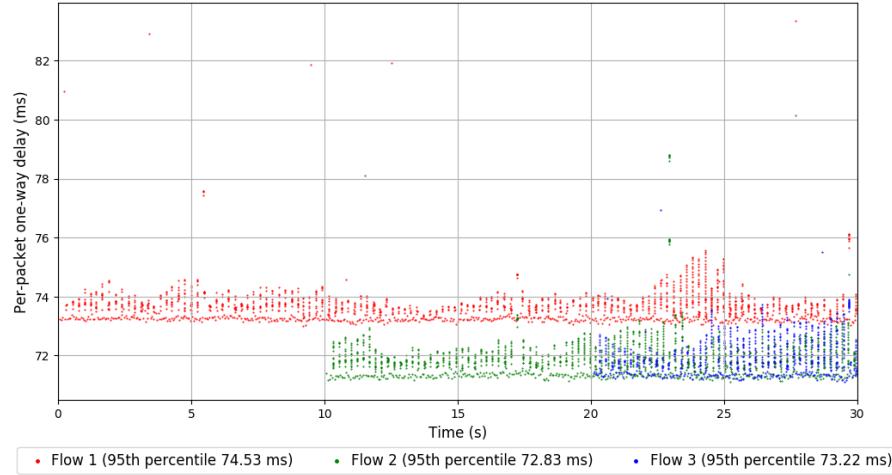
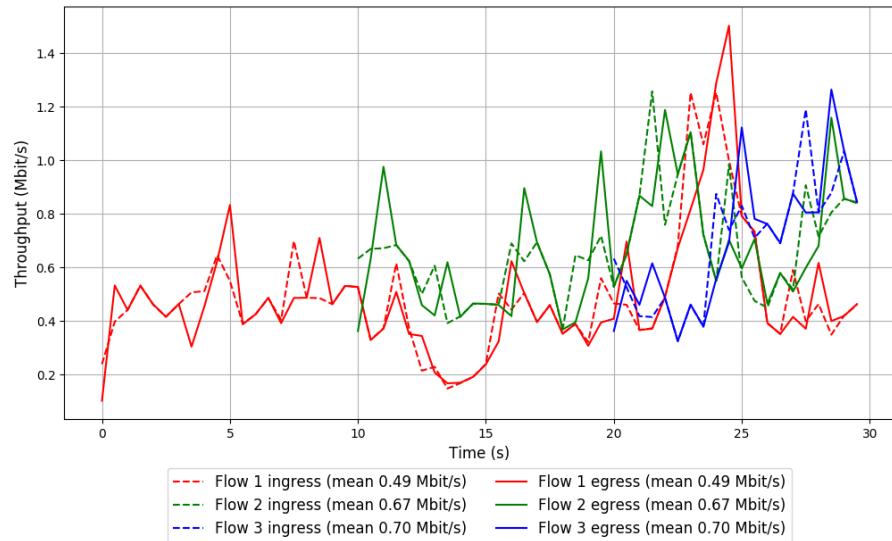


Run 9: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 22:35:58 +0000
End at: Sun, 09 Jul 2017 22:36:28 +0000
Local clock offset: -0.823 ms
Remote clock offset: -2.501 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 74.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 74.532 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 72.832 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 73.220 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

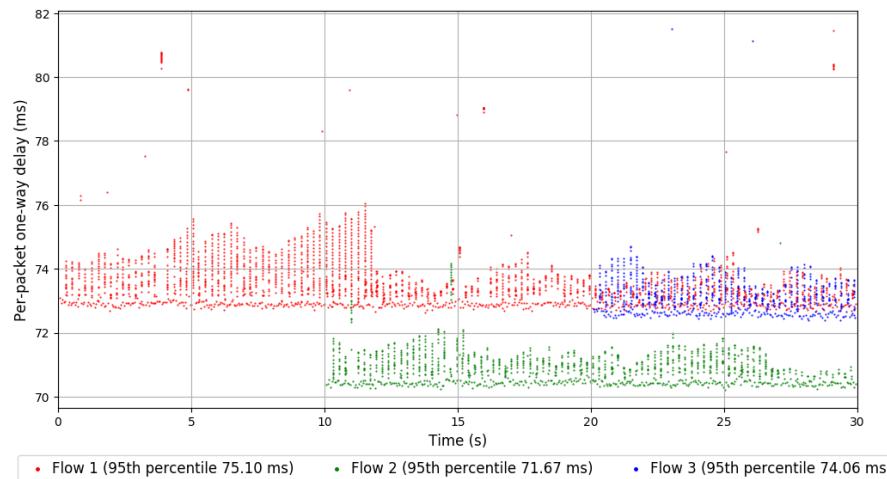
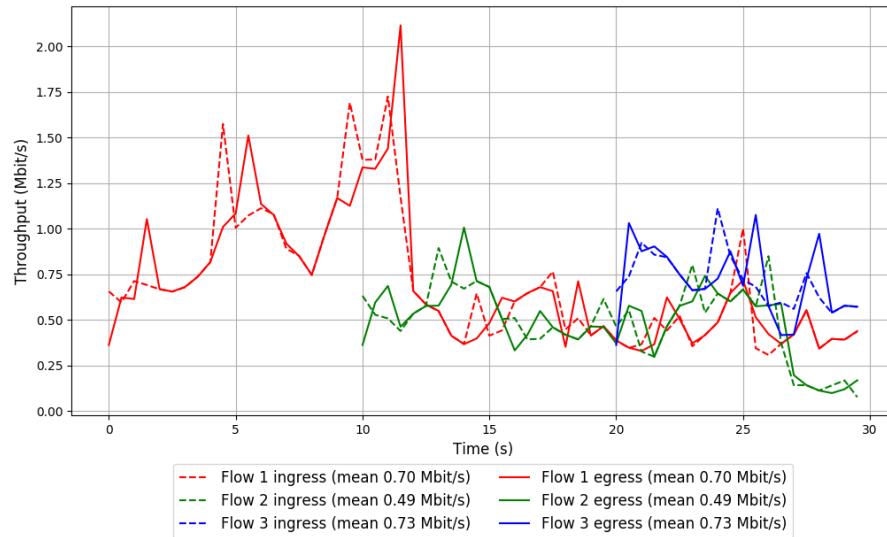


Run 10: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 22:55:55 +0000
End at: Sun, 09 Jul 2017 22:56:25 +0000
Local clock offset: -0.25 ms
Remote clock offset: -1.909 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 74.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 75.103 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 71.670 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 74.060 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

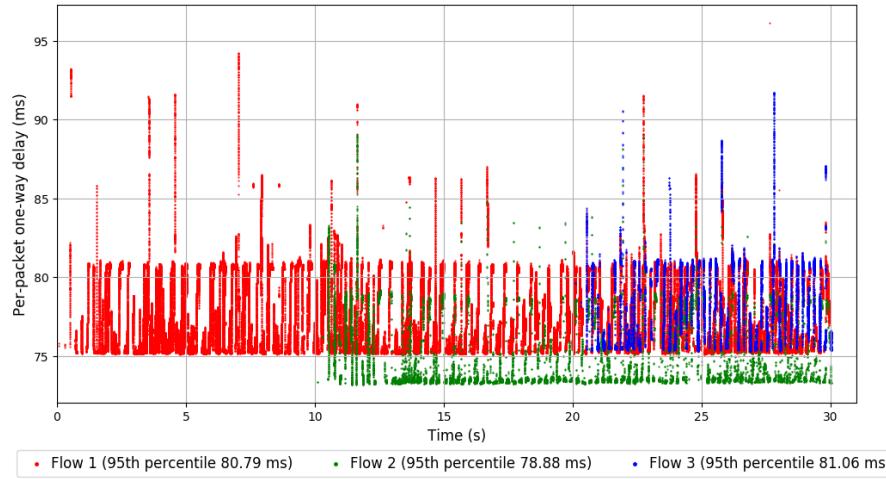
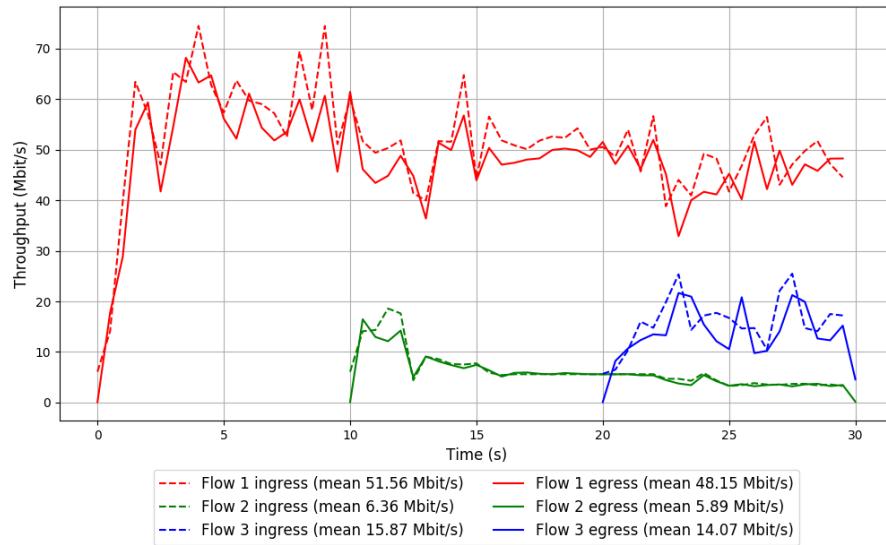


Run 1: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 20:04:51 +0000
End at: Sun, 09 Jul 2017 20:05:21 +0000
Local clock offset: 0.615 ms
Remote clock offset: -4.834 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:57:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.60 Mbit/s
95th percentile per-packet one-way delay: 80.813 ms
Loss rate: 7.07%
-- Flow 1:
Average throughput: 48.15 Mbit/s
95th percentile per-packet one-way delay: 80.790 ms
Loss rate: 6.61%
-- Flow 2:
Average throughput: 5.89 Mbit/s
95th percentile per-packet one-way delay: 78.881 ms
Loss rate: 7.28%
-- Flow 3:
Average throughput: 14.07 Mbit/s
95th percentile per-packet one-way delay: 81.056 ms
Loss rate: 11.37%
```

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

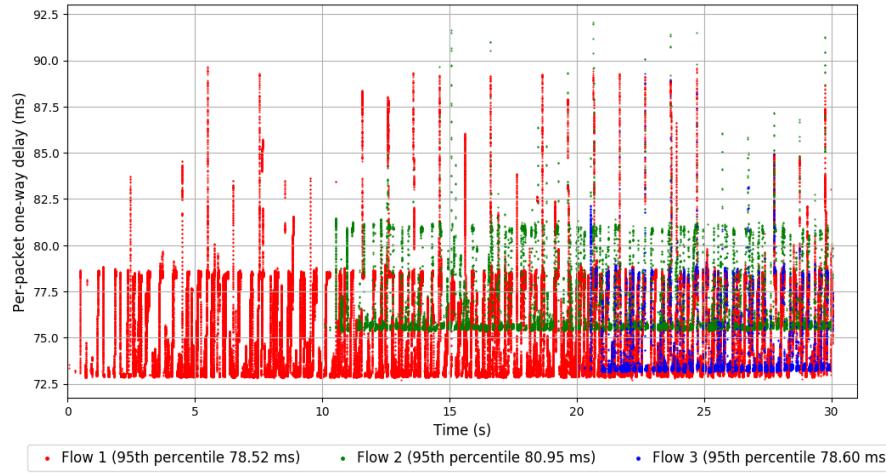
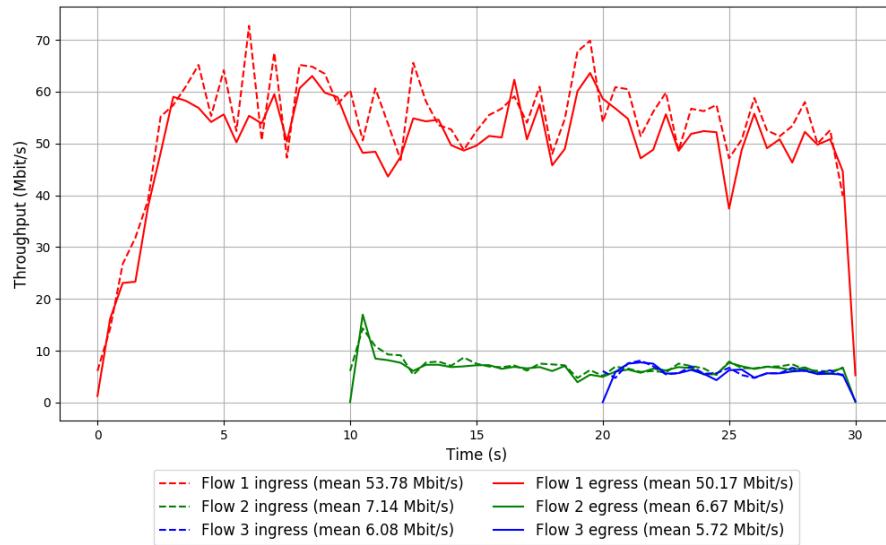


Run 2: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 20:24:42 +0000
End at: Sun, 09 Jul 2017 20:25:12 +0000
Local clock offset: -0.543 ms
Remote clock offset: -4.805 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.50 Mbit/s
95th percentile per-packet one-way delay: 78.623 ms
Loss rate: 6.69%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 78.515 ms
Loss rate: 6.73%
-- Flow 2:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 80.946 ms
Loss rate: 6.55%
-- Flow 3:
Average throughput: 5.72 Mbit/s
95th percentile per-packet one-way delay: 78.599 ms
Loss rate: 5.84%
```

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

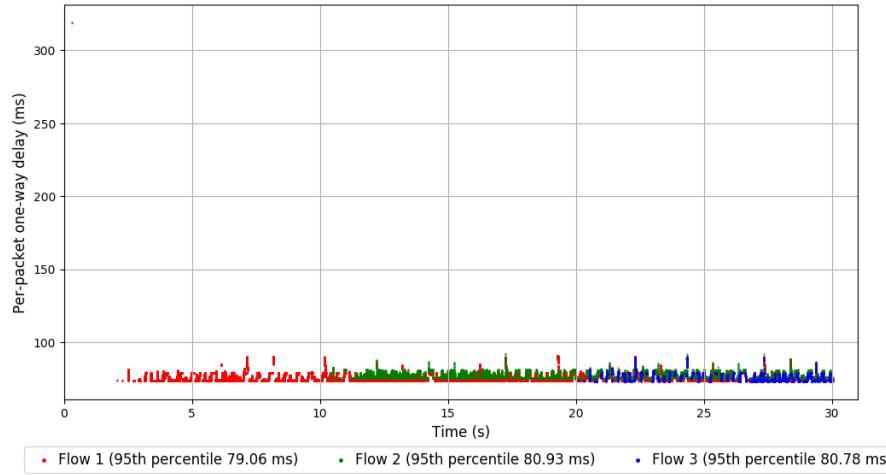
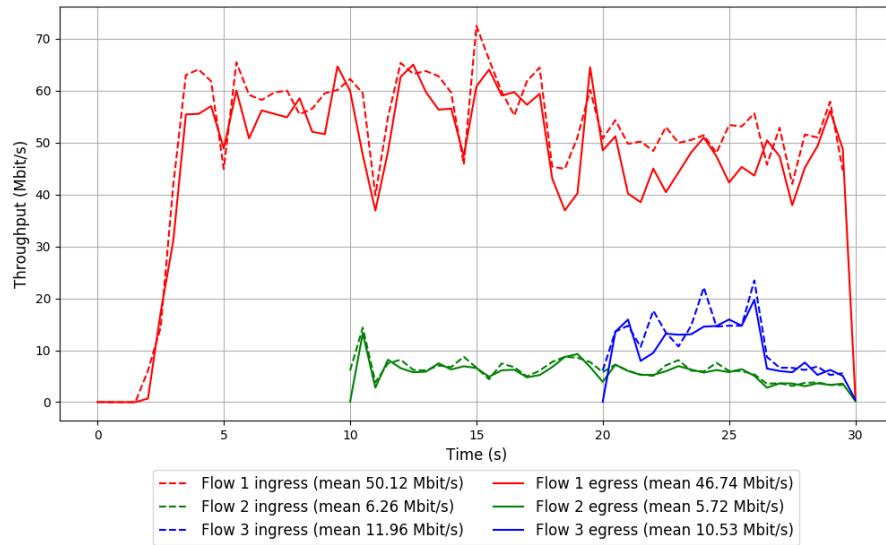


Run 3: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 20:44:20 +0000
End at: Sun, 09 Jul 2017 20:44:50 +0000
Local clock offset: -0.533 ms
Remote clock offset: -5.03 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.09 Mbit/s
95th percentile per-packet one-way delay: 79.109 ms
Loss rate: 7.88%
-- Flow 1:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 79.055 ms
Loss rate: 7.50%
-- Flow 2:
Average throughput: 5.72 Mbit/s
95th percentile per-packet one-way delay: 80.929 ms
Loss rate: 8.63%
-- Flow 3:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 80.776 ms
Loss rate: 11.93%
```

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



Run 4: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 21:04:10 +0000

End at: Sun, 09 Jul 2017 21:04:40 +0000

Local clock offset: -0.557 ms

Remote clock offset: -4.695 ms

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

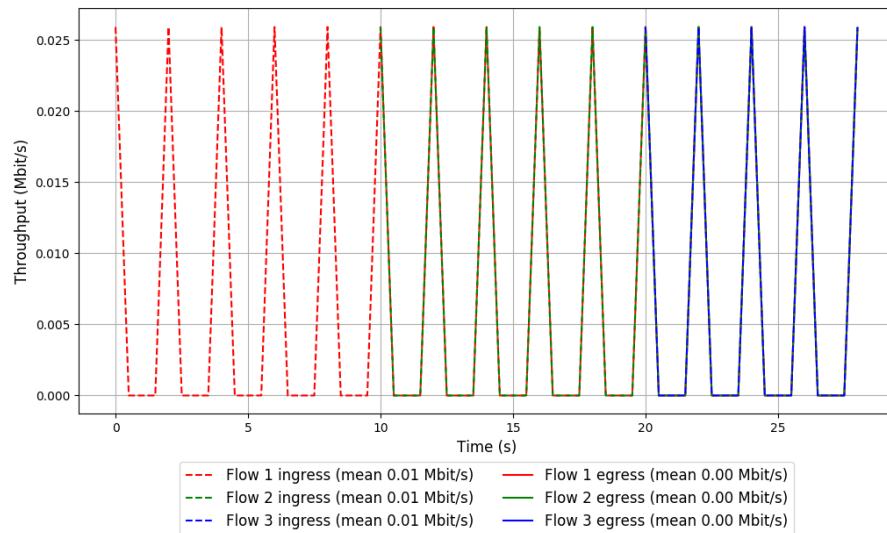


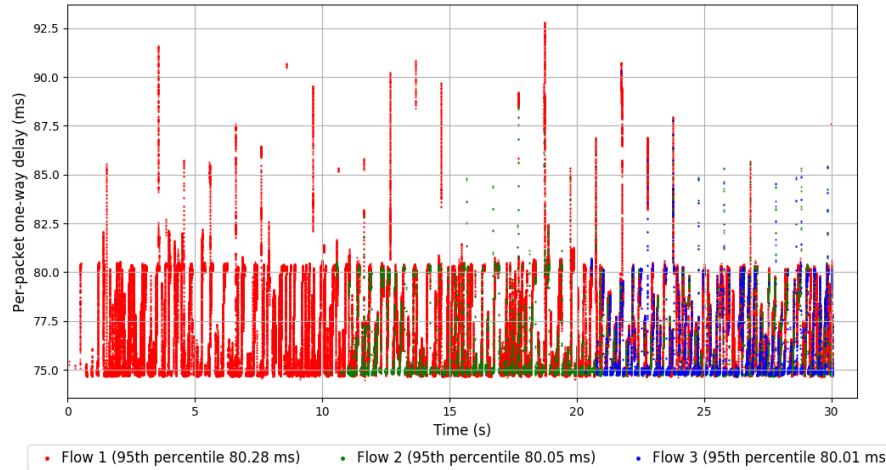
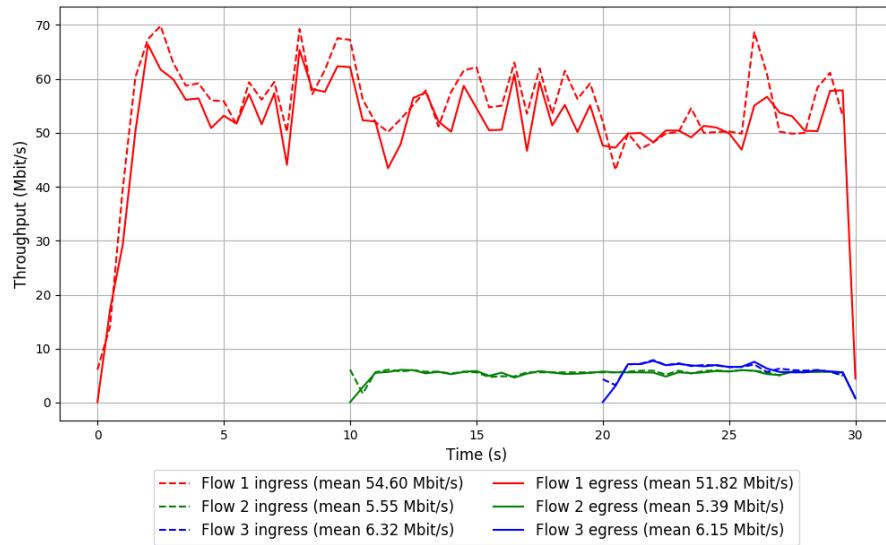
Figure is missing

Run 5: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 21:23:42 +0000
End at: Sun, 09 Jul 2017 21:24:12 +0000
Local clock offset: -0.292 ms
Remote clock offset: -4.103 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.44 Mbit/s
95th percentile per-packet one-way delay: 80.269 ms
Loss rate: 4.87%
-- Flow 1:
Average throughput: 51.82 Mbit/s
95th percentile per-packet one-way delay: 80.276 ms
Loss rate: 5.09%
-- Flow 2:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 80.051 ms
Loss rate: 2.75%
-- Flow 3:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 80.010 ms
Loss rate: 2.80%
```

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

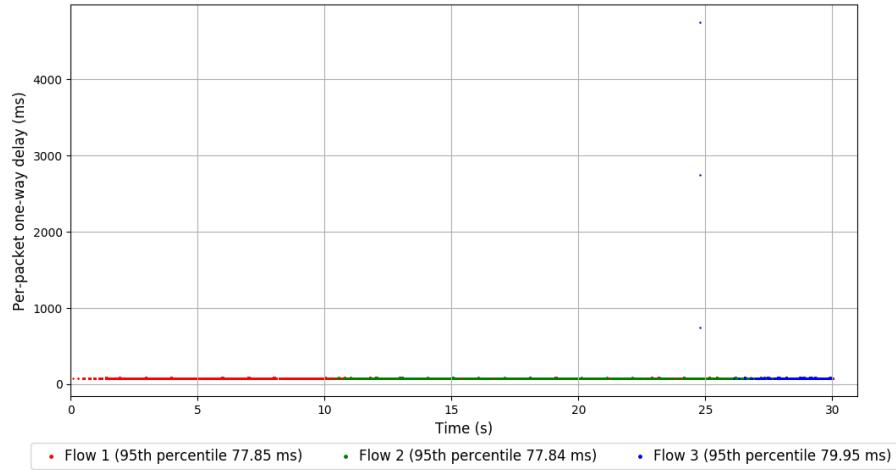
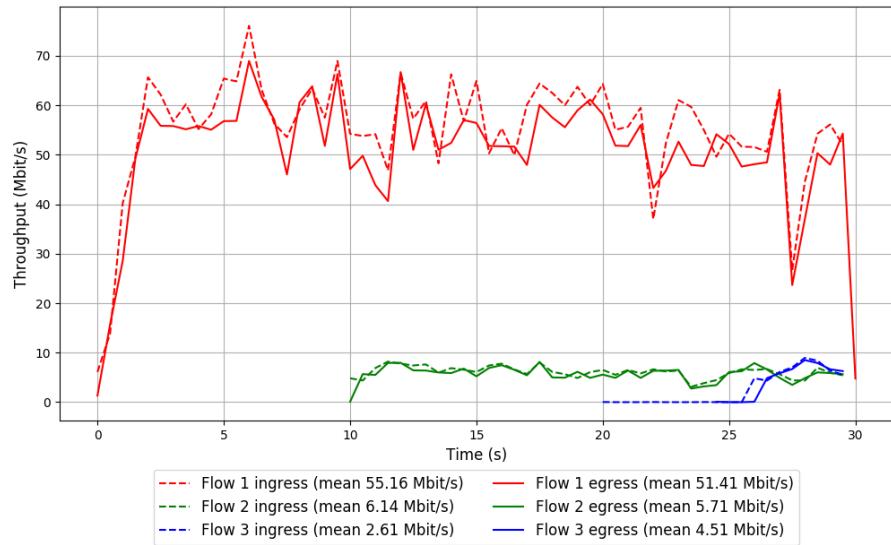


Run 6: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 21:43:24 +0000
End at: Sun, 09 Jul 2017 21:43:54 +0000
Local clock offset: 1.056 ms
Remote clock offset: -3.679 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 77.854 ms
Loss rate: 6.85%
-- Flow 1:
Average throughput: 51.41 Mbit/s
95th percentile per-packet one-way delay: 77.851 ms
Loss rate: 6.81%
-- Flow 2:
Average throughput: 5.71 Mbit/s
95th percentile per-packet one-way delay: 77.839 ms
Loss rate: 6.94%
-- Flow 3:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 79.954 ms
Loss rate: 9.16%
```

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

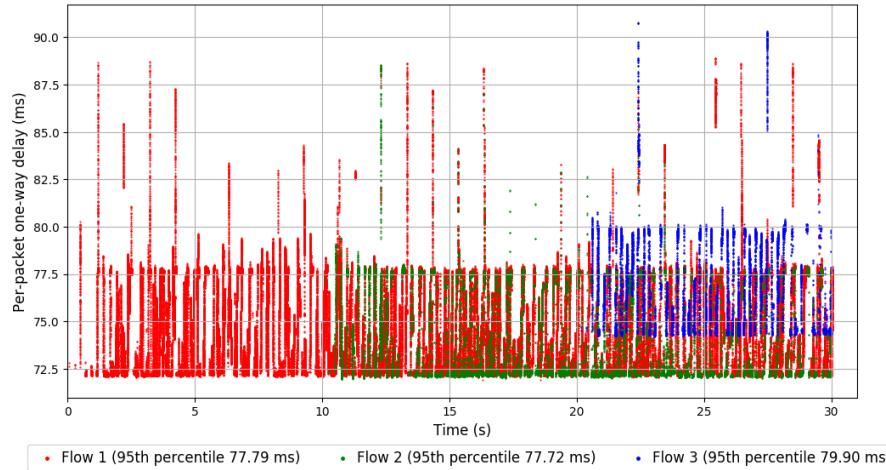
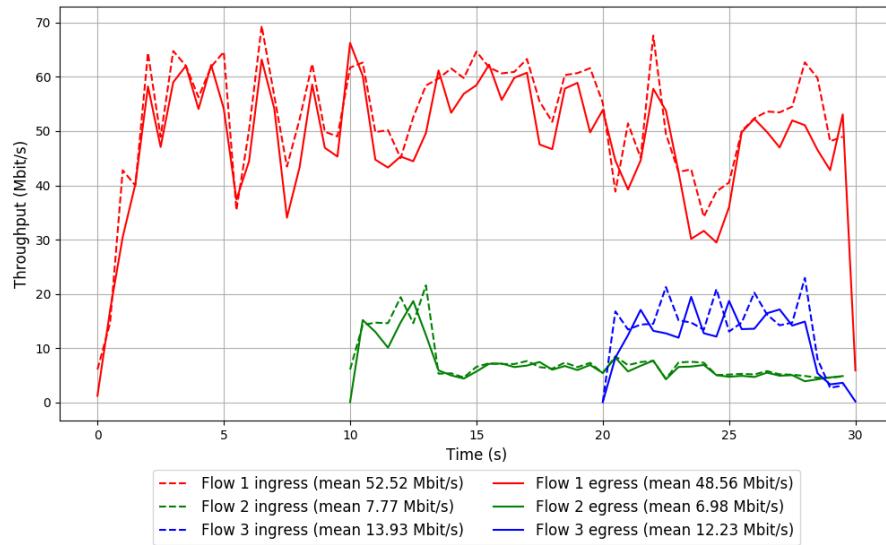


Run 7: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 22:03:07 +0000
End at: Sun, 09 Jul 2017 22:03:37 +0000
Local clock offset: -0.143 ms
Remote clock offset: -3.104 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.21 Mbit/s
95th percentile per-packet one-way delay: 78.288 ms
Loss rate: 8.10%
-- Flow 1:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 77.790 ms
Loss rate: 7.54%
-- Flow 2:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 77.718 ms
Loss rate: 10.18%
-- Flow 3:
Average throughput: 12.23 Mbit/s
95th percentile per-packet one-way delay: 79.896 ms
Loss rate: 12.19%
```

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

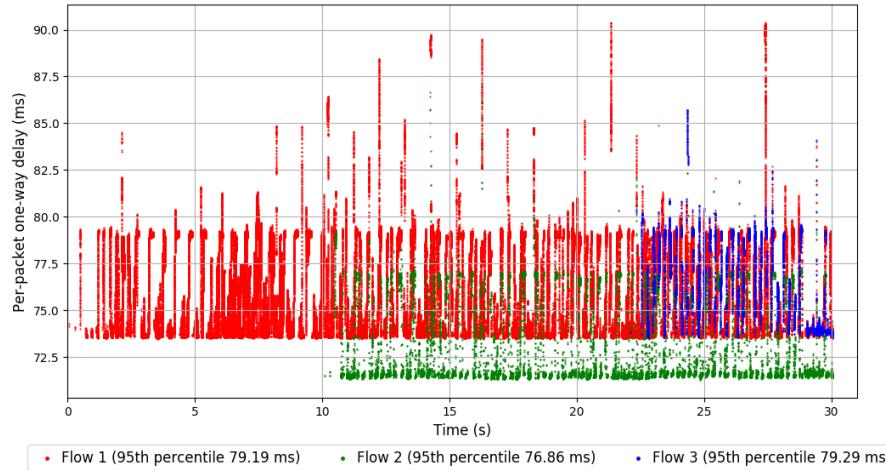
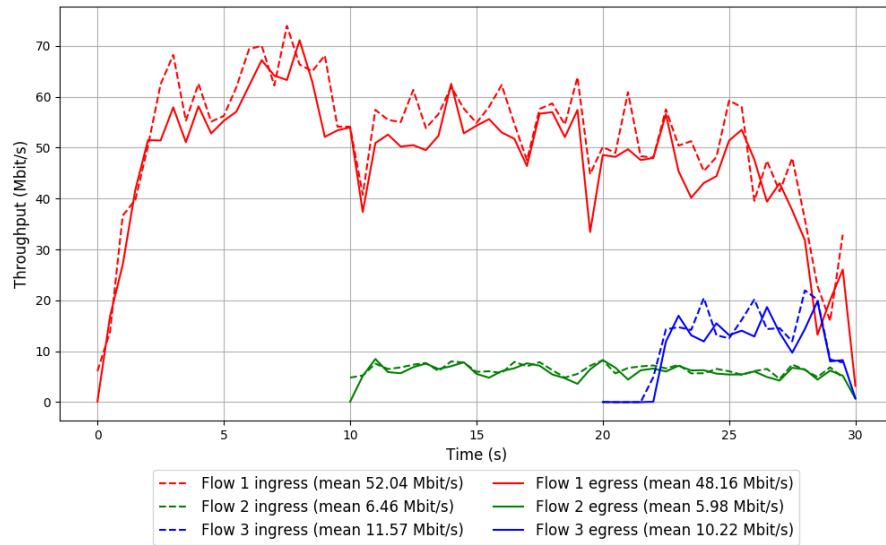


Run 8: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 22:22:49 +0000
End at: Sun, 09 Jul 2017 22:23:19 +0000
Local clock offset: -0.201 ms
Remote clock offset: -2.737 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.53 Mbit/s
95th percentile per-packet one-way delay: 79.180 ms
Loss rate: 7.73%
-- Flow 1:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 79.186 ms
Loss rate: 7.46%
-- Flow 2:
Average throughput: 5.98 Mbit/s
95th percentile per-packet one-way delay: 76.860 ms
Loss rate: 7.50%
-- Flow 3:
Average throughput: 10.22 Mbit/s
95th percentile per-packet one-way delay: 79.289 ms
Loss rate: 11.70%
```

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

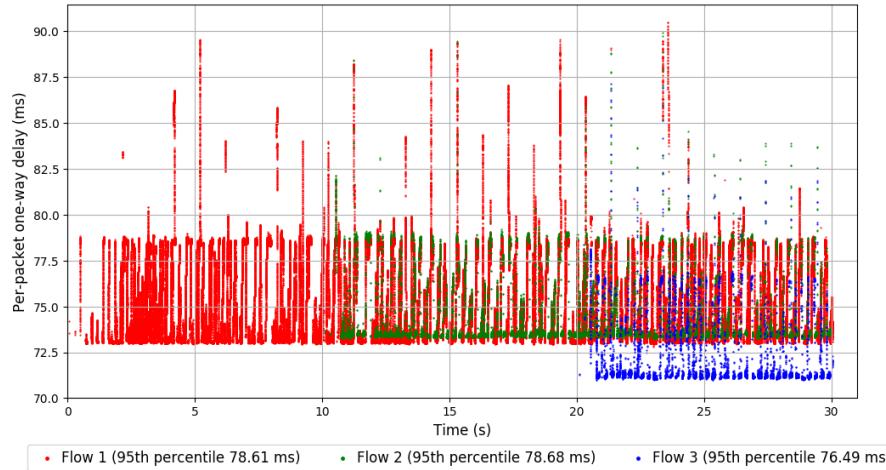
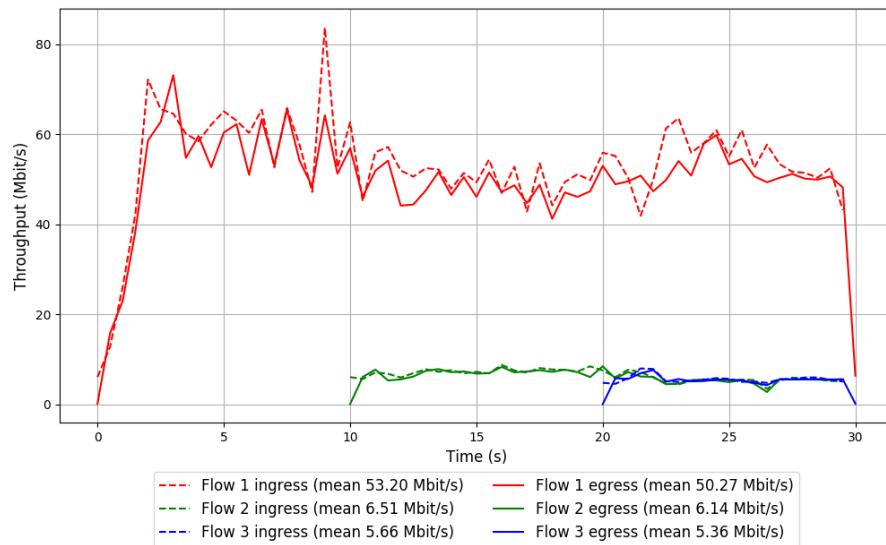


Run 9: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 22:42:36 +0000
End at: Sun, 09 Jul 2017 22:43:06 +0000
Local clock offset: -0.018 ms
Remote clock offset: -2.288 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.11 Mbit/s
95th percentile per-packet one-way delay: 78.603 ms
Loss rate: 5.51%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 78.605 ms
Loss rate: 5.50%
-- Flow 2:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 78.676 ms
Loss rate: 5.72%
-- Flow 3:
Average throughput: 5.36 Mbit/s
95th percentile per-packet one-way delay: 76.486 ms
Loss rate: 5.33%
```

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

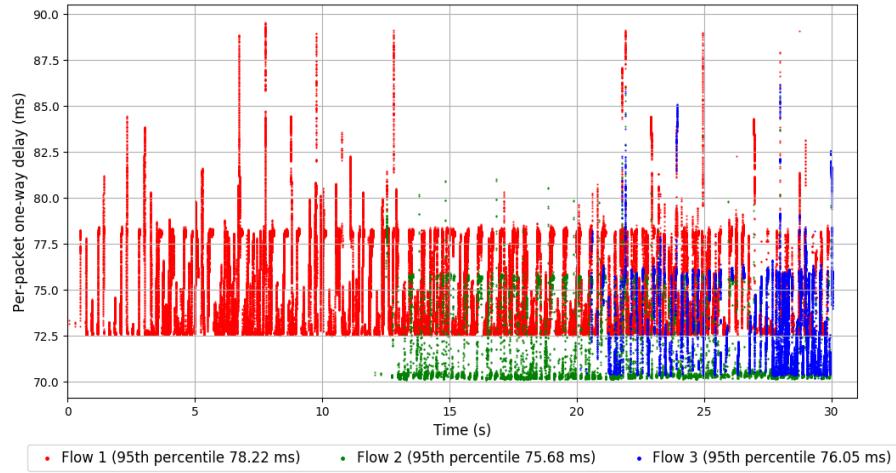
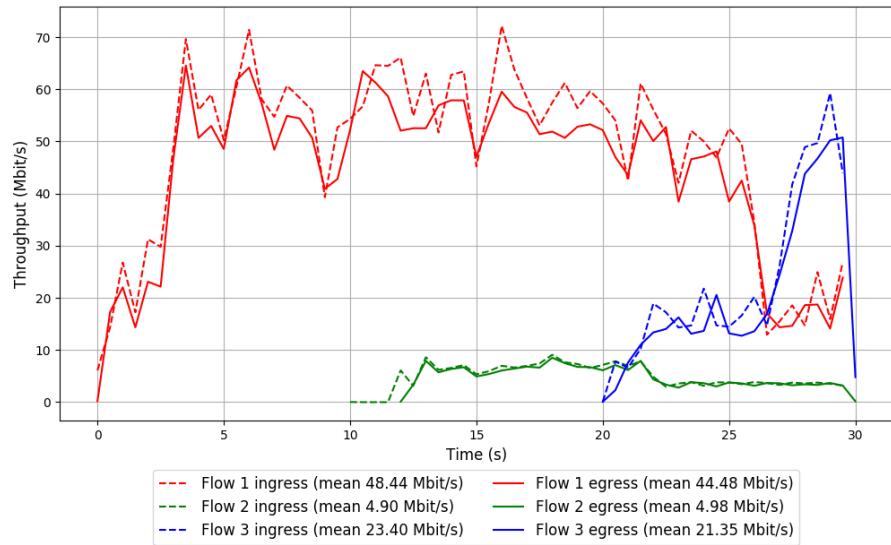


Run 10: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:02:29 +0000
End at: Sun, 09 Jul 2017 23:02:59 +0000
Local clock offset: -0.156 ms
Remote clock offset: -1.701 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.29 Mbit/s
95th percentile per-packet one-way delay: 78.190 ms
Loss rate: 8.23%
-- Flow 1:
Average throughput: 44.48 Mbit/s
95th percentile per-packet one-way delay: 78.219 ms
Loss rate: 8.15%
-- Flow 2:
Average throughput: 4.98 Mbit/s
95th percentile per-packet one-way delay: 75.684 ms
Loss rate: 8.41%
-- Flow 3:
Average throughput: 21.35 Mbit/s
95th percentile per-packet one-way delay: 76.052 ms
Loss rate: 8.69%
```

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

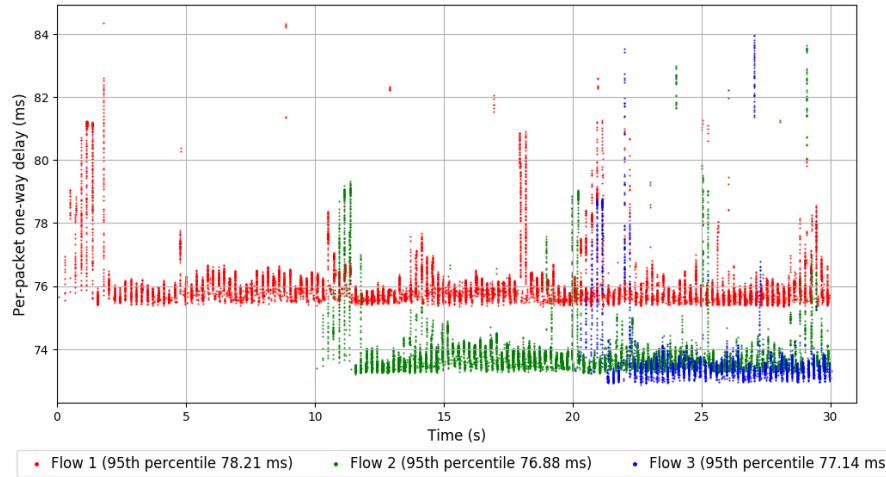
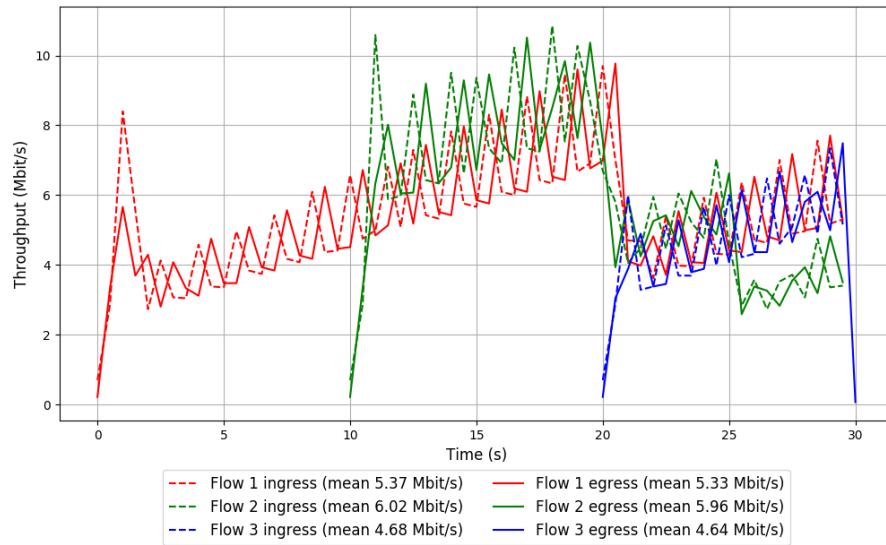


Run 1: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 20:02:18 +0000
End at: Sun, 09 Jul 2017 20:02:48 +0000
Local clock offset: 0.693 ms
Remote clock offset: -4.839 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 77.697 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 5.33 Mbit/s
95th percentile per-packet one-way delay: 78.212 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 5.96 Mbit/s
95th percentile per-packet one-way delay: 76.877 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 4.64 Mbit/s
95th percentile per-packet one-way delay: 77.144 ms
Loss rate: 0.88%
```

Run 1: Report of TCP Vegas — Data Link

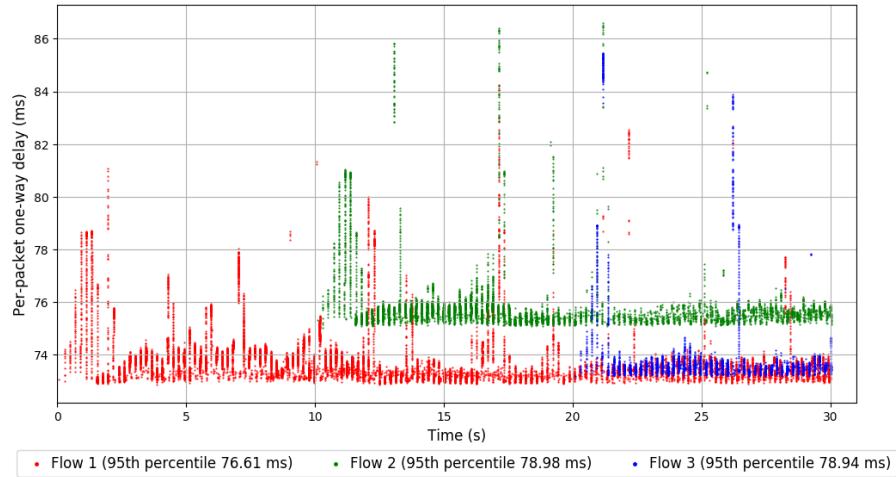
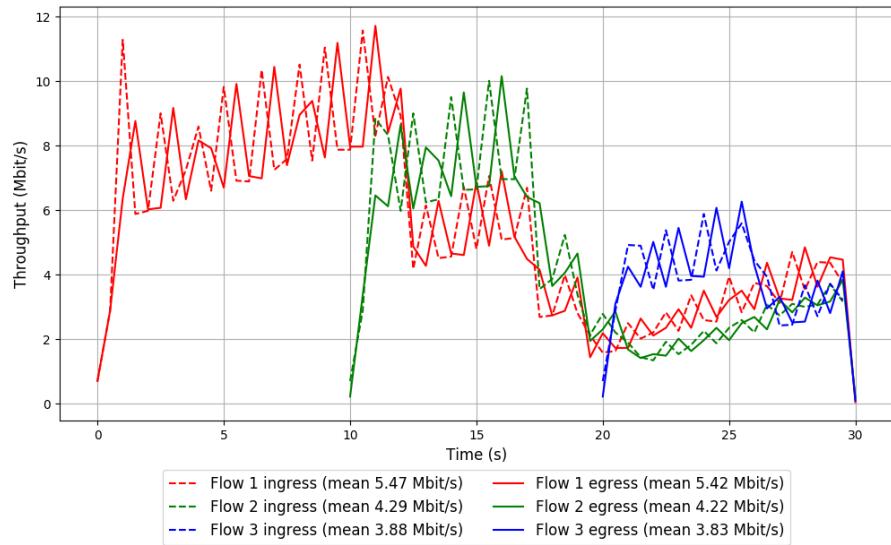


Run 2: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 20:22:09 +0000
End at: Sun, 09 Jul 2017 20:22:39 +0000
Local clock offset: -0.413 ms
Remote clock offset: -4.826 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 77.510 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 5.42 Mbit/s
95th percentile per-packet one-way delay: 76.608 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 78.976 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 78.938 ms
Loss rate: 1.28%
```

Run 2: Report of TCP Vegas — Data Link

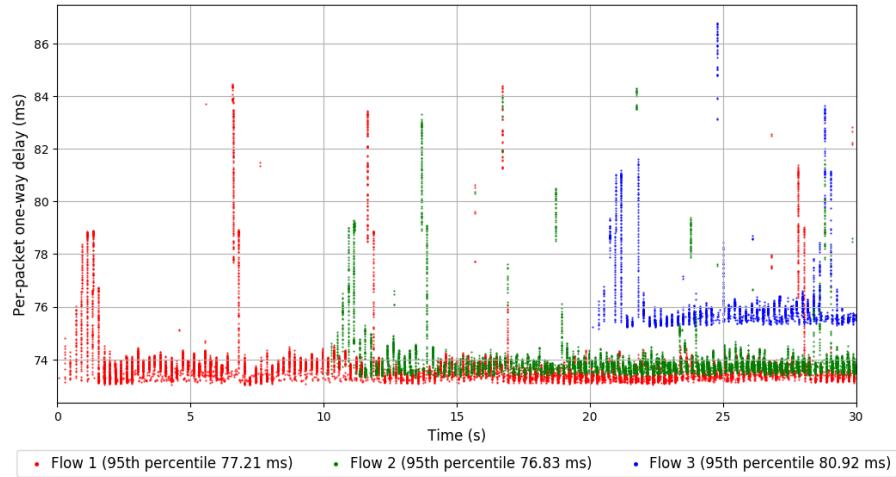
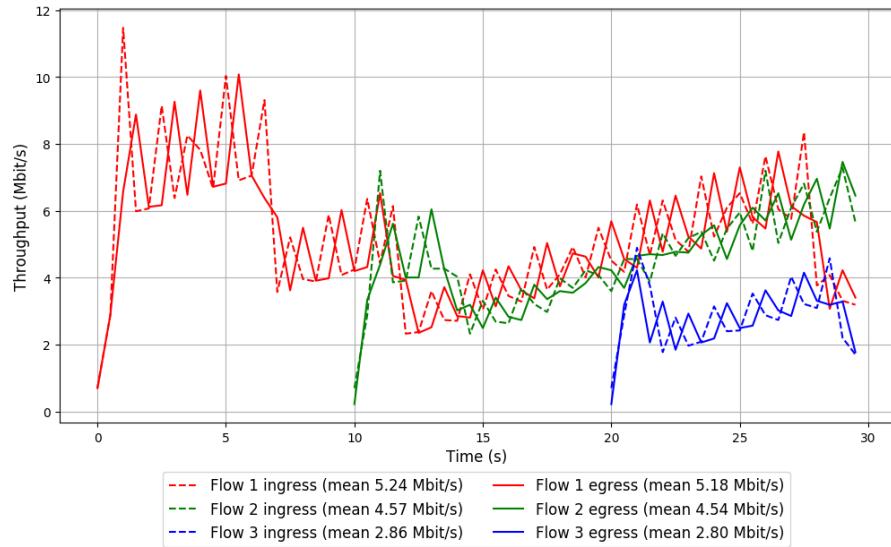


Run 3: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 20:41:47 +0000
End at: Sun, 09 Jul 2017 20:42:17 +0000
Local clock offset: 0.546 ms
Remote clock offset: -5.072 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 78.184 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 77.209 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 76.834 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 80.920 ms
Loss rate: 2.28%
```

Run 3: Report of TCP Vegas — Data Link

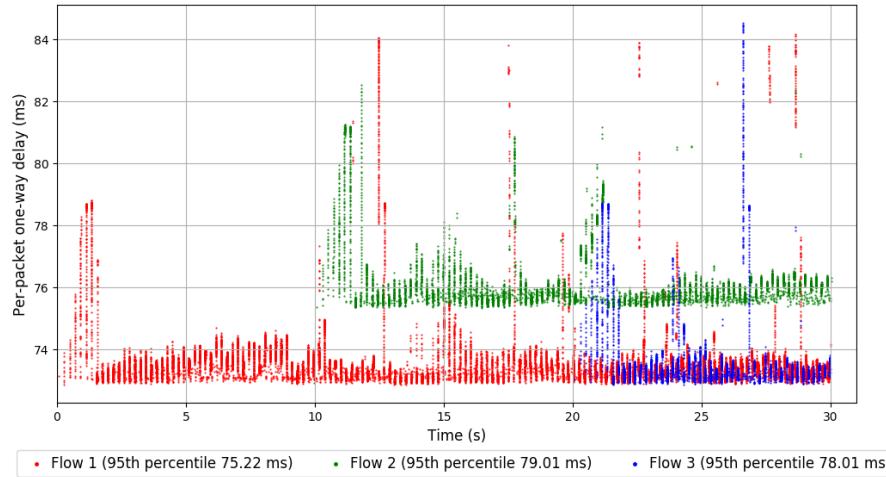
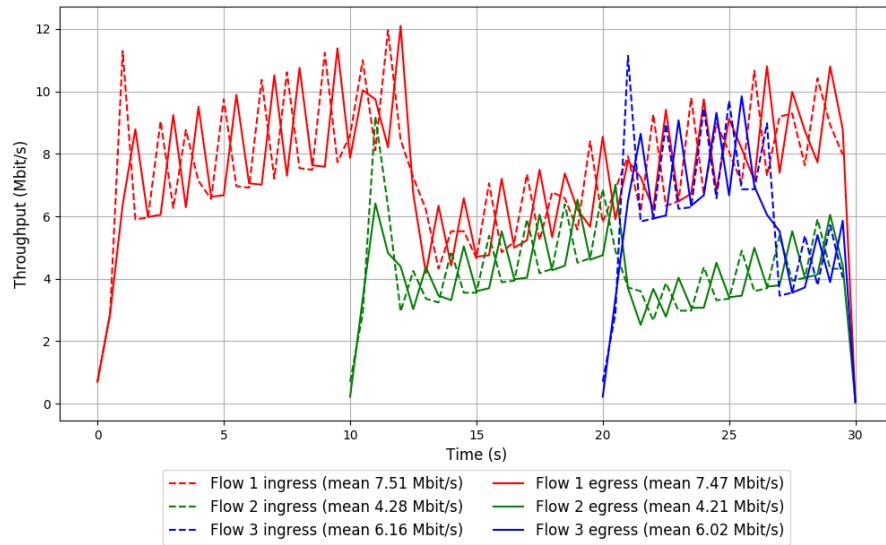


Run 4: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 21:01:37 +0000
End at: Sun, 09 Jul 2017 21:02:07 +0000
Local clock offset: -0.497 ms
Remote clock offset: -4.734 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.25 Mbit/s
95th percentile per-packet one-way delay: 77.444 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 7.47 Mbit/s
95th percentile per-packet one-way delay: 75.219 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 79.011 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 6.02 Mbit/s
95th percentile per-packet one-way delay: 78.006 ms
Loss rate: 2.24%
```

Run 4: Report of TCP Vegas — Data Link

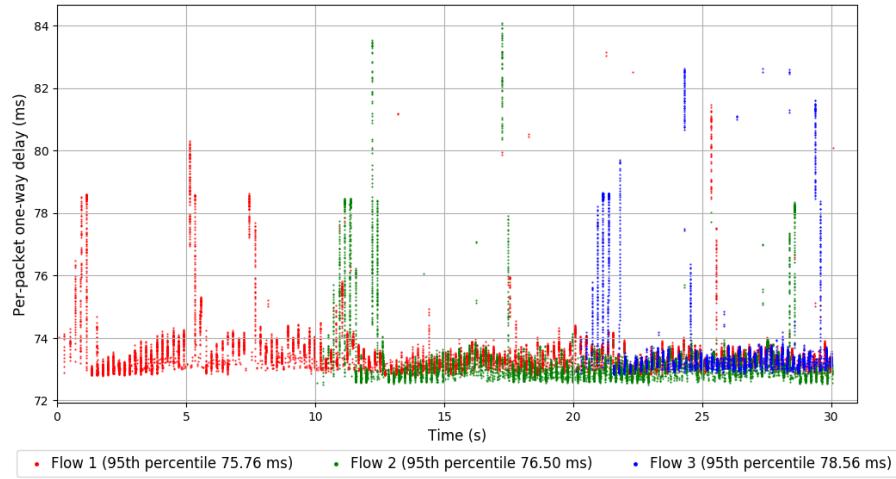
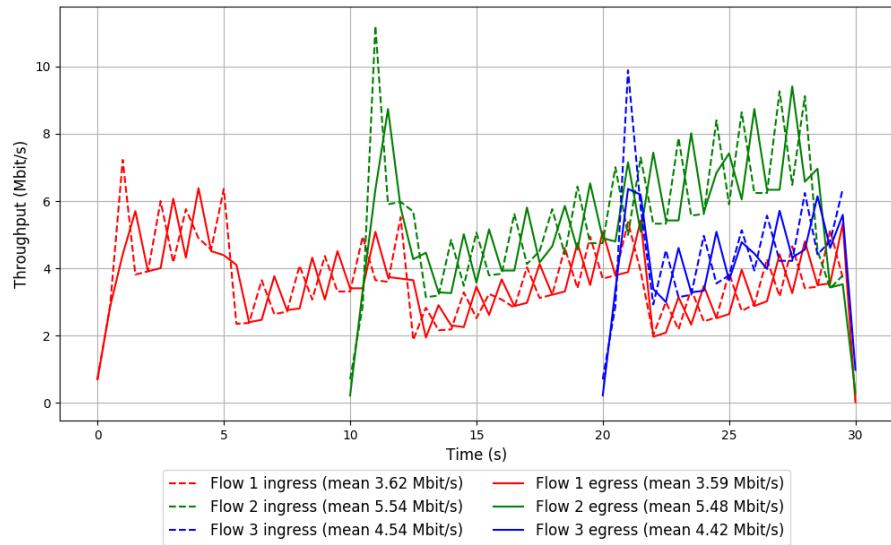


Run 5: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 21:21:09 +0000
End at: Sun, 09 Jul 2017 21:21:39 +0000
Local clock offset: -0.248 ms
Remote clock offset: -4.156 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 76.984 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 75.761 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 76.504 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 78.560 ms
Loss rate: 3.00%
```

Run 5: Report of TCP Vegas — Data Link

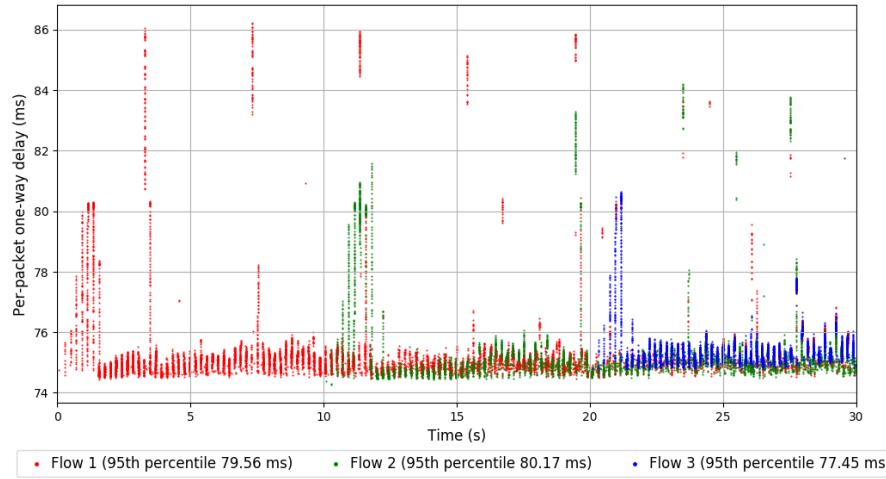
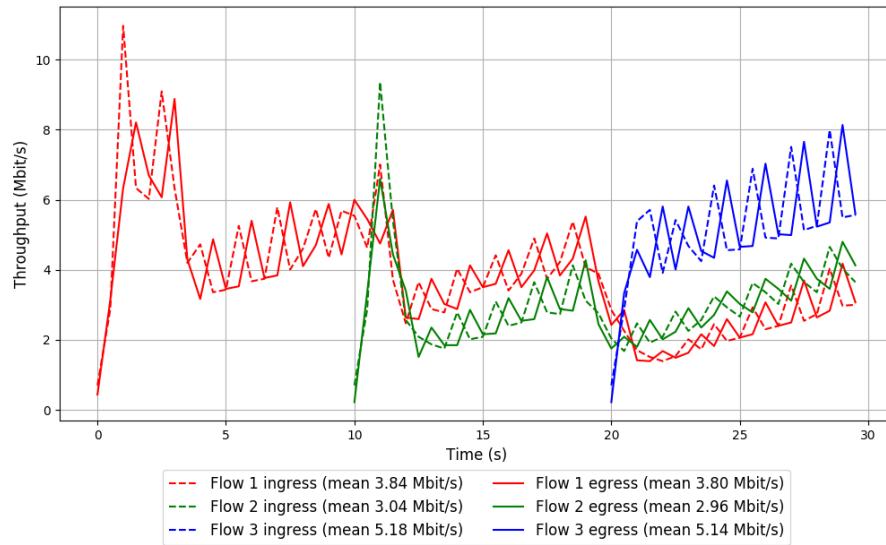


Run 6: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 21:40:51 +0000
End at: Sun, 09 Jul 2017 21:41:21 +0000
Local clock offset: 0.999 ms
Remote clock offset: -3.763 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.46 Mbit/s
95th percentile per-packet one-way delay: 79.668 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 79.563 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 2.96 Mbit/s
95th percentile per-packet one-way delay: 80.166 ms
Loss rate: 2.60%
-- Flow 3:
Average throughput: 5.14 Mbit/s
95th percentile per-packet one-way delay: 77.451 ms
Loss rate: 0.82%
```

Run 6: Report of TCP Vegas — Data Link

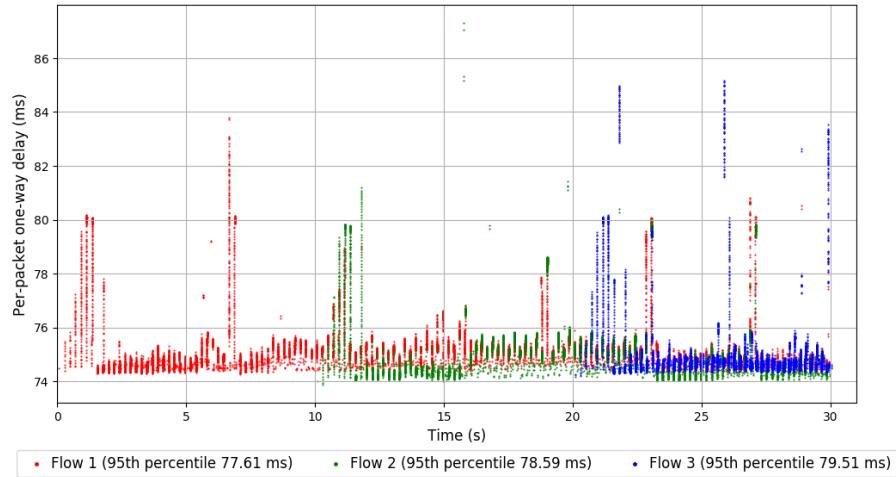
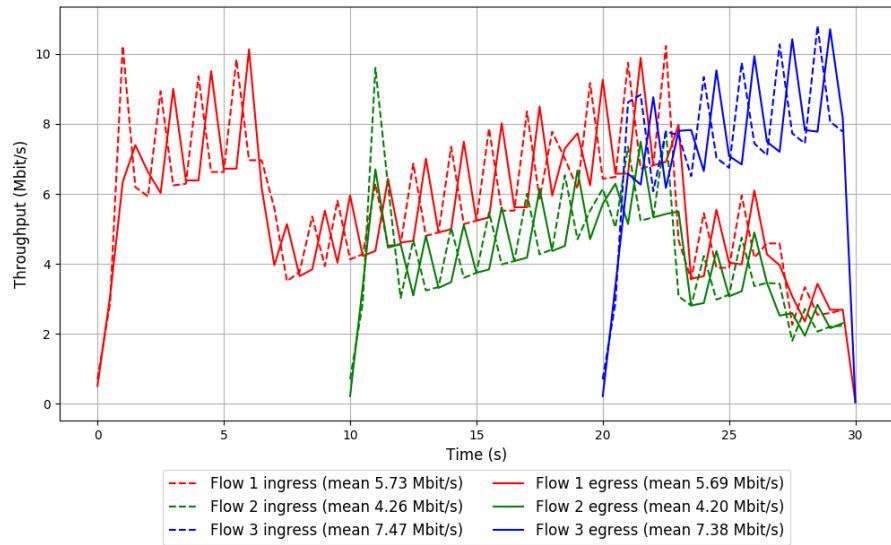


Run 7: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 22:00:34 +0000
End at: Sun, 09 Jul 2017 22:01:04 +0000
Local clock offset: 1.109 ms
Remote clock offset: -3.232 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 78.354 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 77.615 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 78.589 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 79.506 ms
Loss rate: 1.29%
```

Run 7: Report of TCP Vegas — Data Link

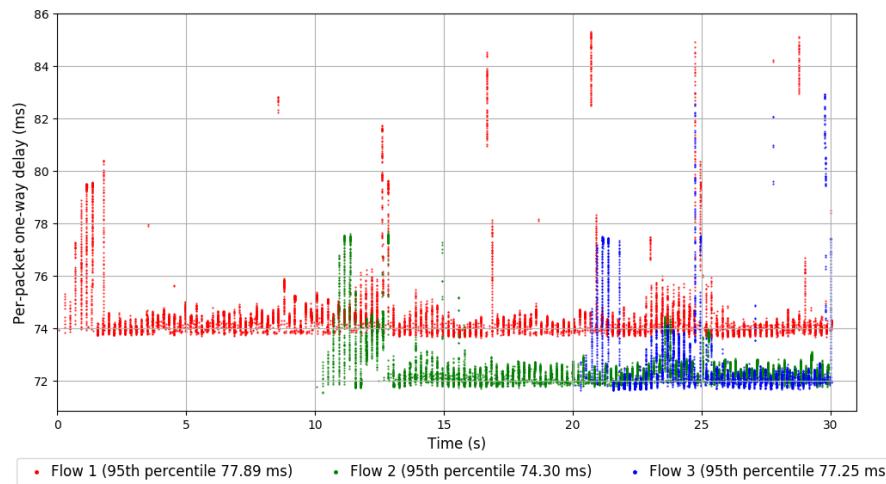
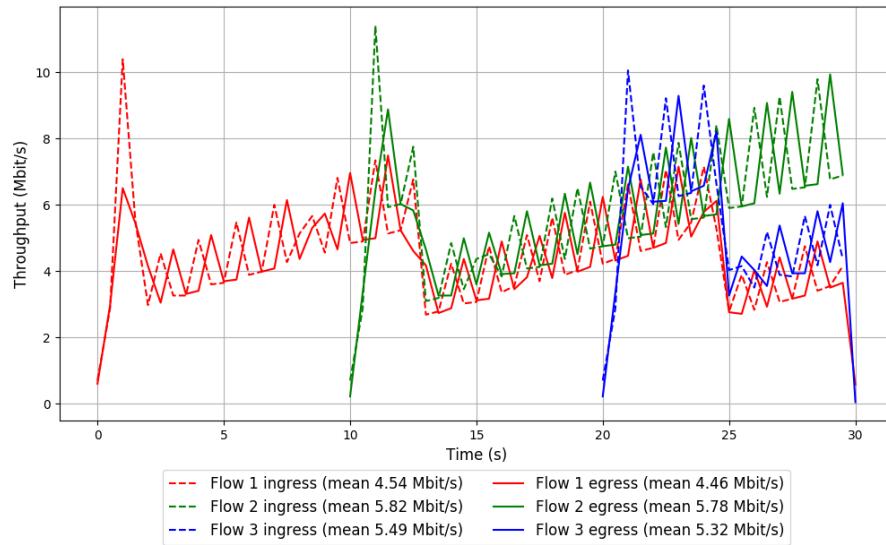


Run 8: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 22:20:17 +0000
End at: Sun, 09 Jul 2017 22:20:47 +0000
Local clock offset: 0.005 ms
Remote clock offset: -2.866 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 76.709 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 77.889 ms
Loss rate: 1.65%
-- Flow 2:
Average throughput: 5.78 Mbit/s
95th percentile per-packet one-way delay: 74.301 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 5.32 Mbit/s
95th percentile per-packet one-way delay: 77.254 ms
Loss rate: 3.21%
```

Run 8: Report of TCP Vegas — Data Link

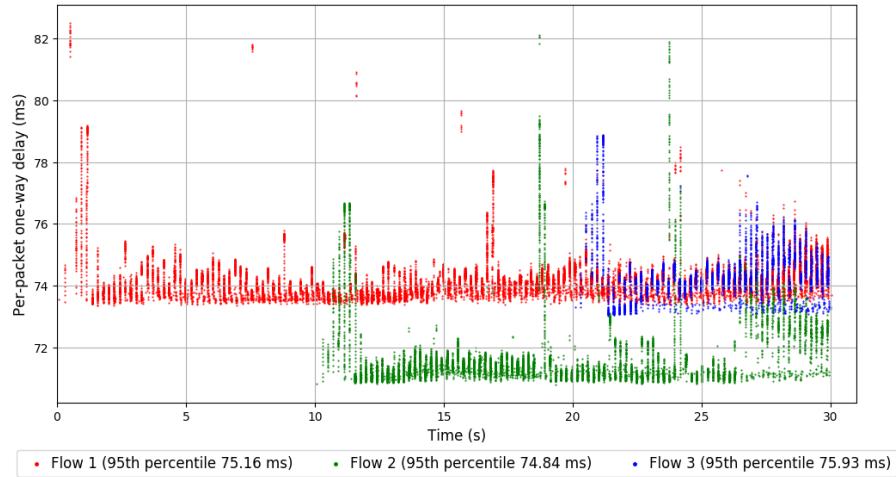
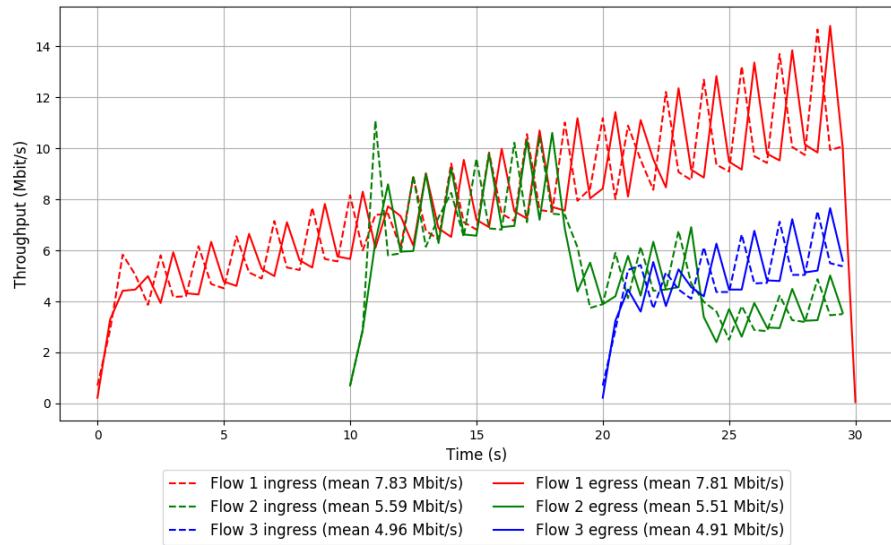


Run 9: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 22:39:58 +0000
End at: Sun, 09 Jul 2017 22:40:28 +0000
Local clock offset: 0.039 ms
Remote clock offset: -2.306 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:58:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.09 Mbit/s
95th percentile per-packet one-way delay: 75.297 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 75.156 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 5.51 Mbit/s
95th percentile per-packet one-way delay: 74.840 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 75.926 ms
Loss rate: 0.90%
```

Run 9: Report of TCP Vegas — Data Link

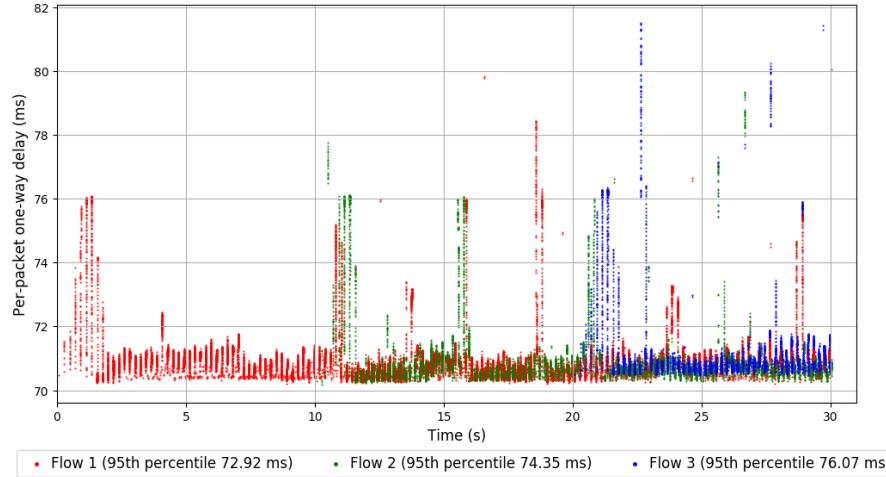
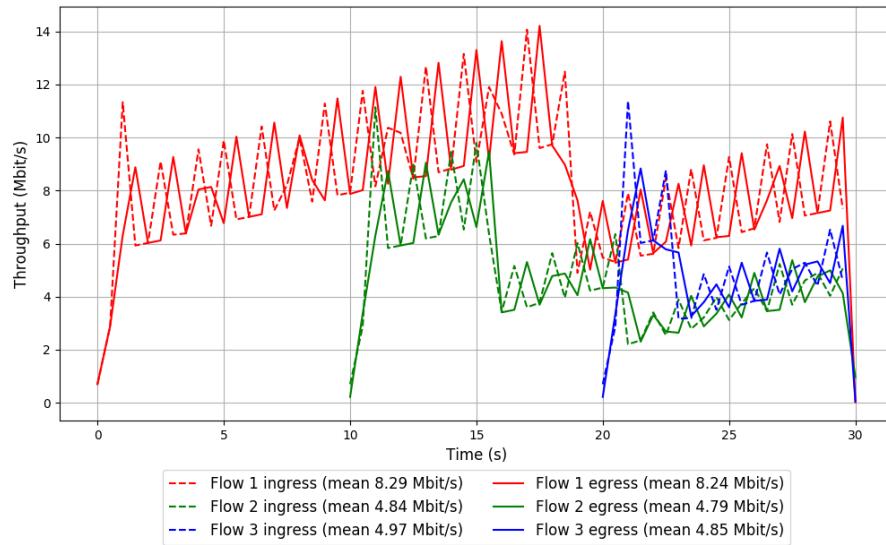


Run 10: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 22:59:56 +0000
End at: Sun, 09 Jul 2017 23:00:26 +0000
Local clock offset: 0.902 ms
Remote clock offset: -1.777 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 73.750 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 72.916 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 4.79 Mbit/s
95th percentile per-packet one-way delay: 74.351 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 76.071 ms
Loss rate: 2.50%
```

Run 10: Report of TCP Vegas — Data Link

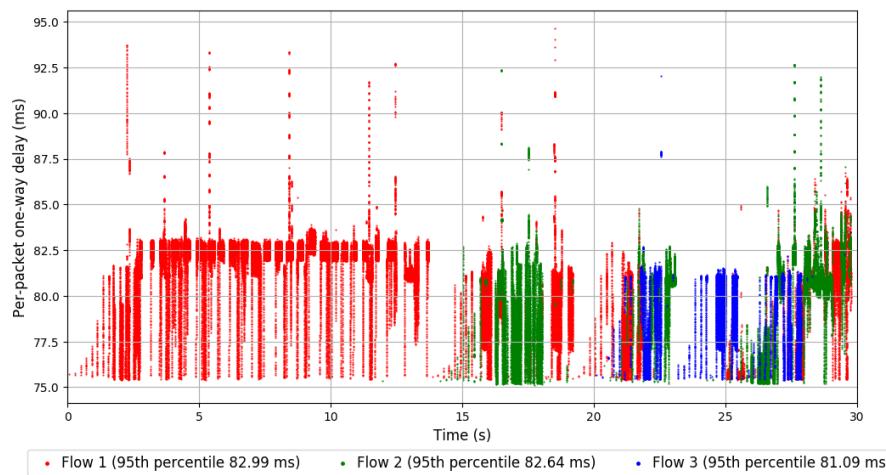
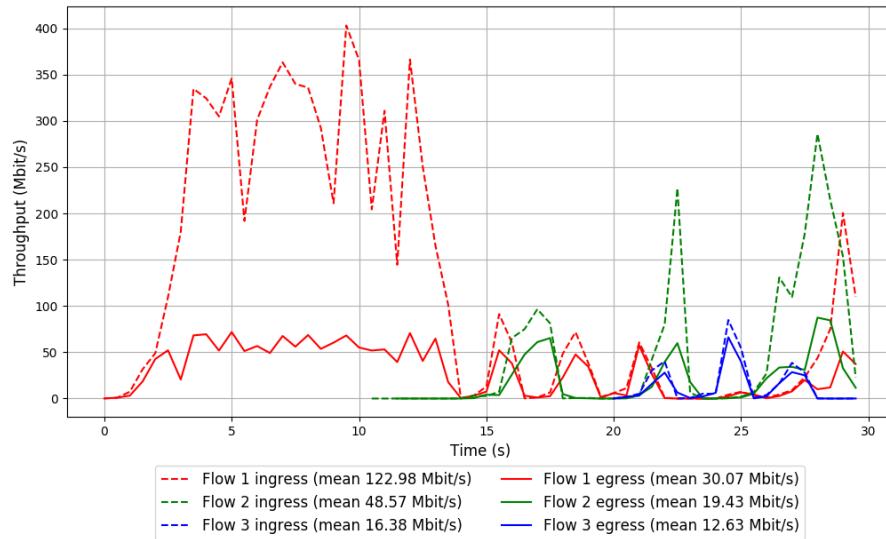


Run 1: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 20:07:29 +0000
End at: Sun, 09 Jul 2017 20:07:59 +0000
Local clock offset: 0.602 ms
Remote clock offset: -4.821 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.82 Mbit/s
95th percentile per-packet one-way delay: 82.929 ms
Loss rate: 71.18%
-- Flow 1:
Average throughput: 30.07 Mbit/s
95th percentile per-packet one-way delay: 82.993 ms
Loss rate: 75.54%
-- Flow 2:
Average throughput: 19.43 Mbit/s
95th percentile per-packet one-way delay: 82.643 ms
Loss rate: 62.11%
-- Flow 3:
Average throughput: 12.63 Mbit/s
95th percentile per-packet one-way delay: 81.087 ms
Loss rate: 22.80%
```

Run 1: Report of Verus — Data Link

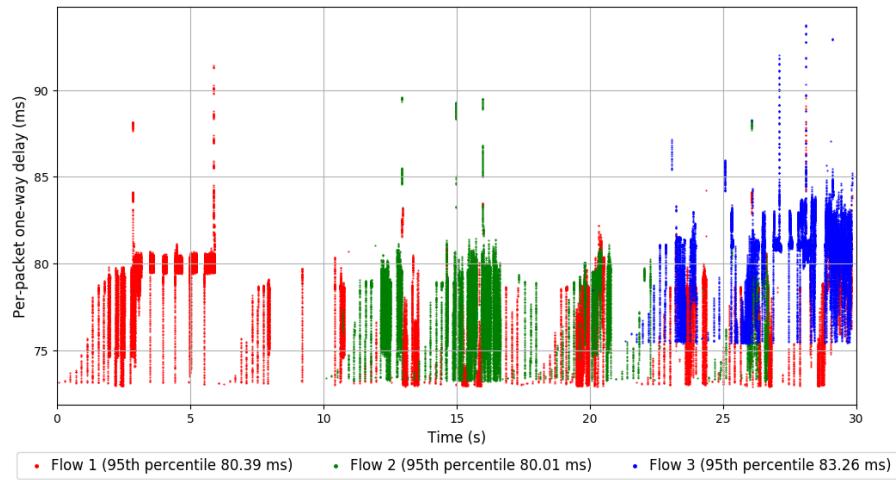
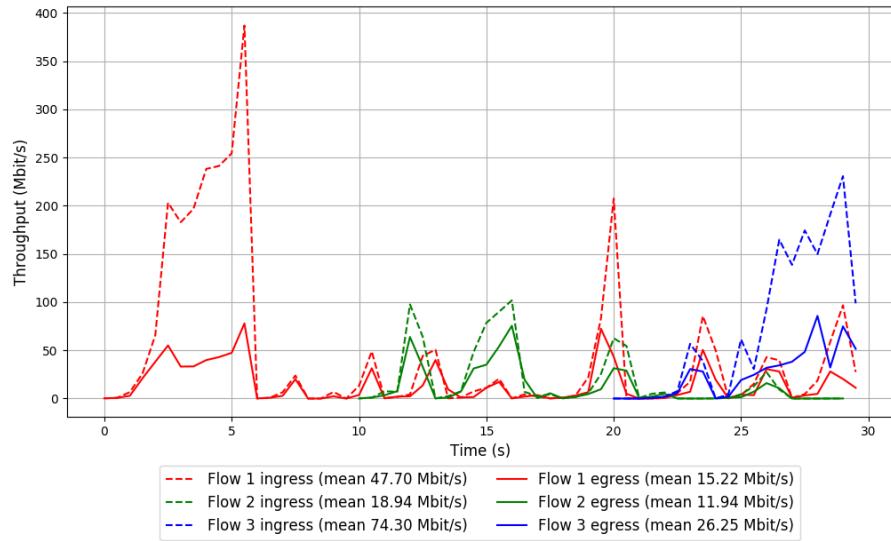


Run 2: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 20:27:20 +0000
End at: Sun, 09 Jul 2017 20:27:50 +0000
Local clock offset: -0.681 ms
Remote clock offset: -4.782 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.52 Mbit/s
95th percentile per-packet one-way delay: 82.377 ms
Loss rate: 62.62%
-- Flow 1:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 80.393 ms
Loss rate: 68.07%
-- Flow 2:
Average throughput: 11.94 Mbit/s
95th percentile per-packet one-way delay: 80.010 ms
Loss rate: 37.66%
-- Flow 3:
Average throughput: 26.25 Mbit/s
95th percentile per-packet one-way delay: 83.256 ms
Loss rate: 64.66%
```

Run 2: Report of Verus — Data Link

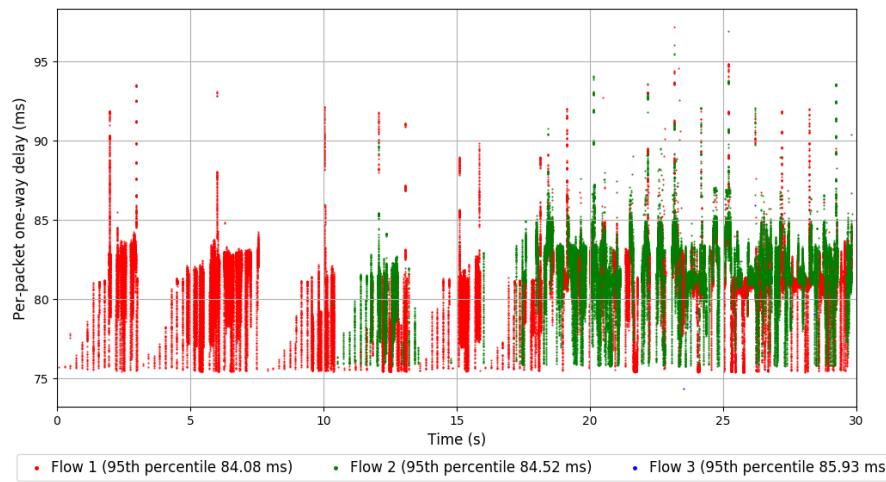
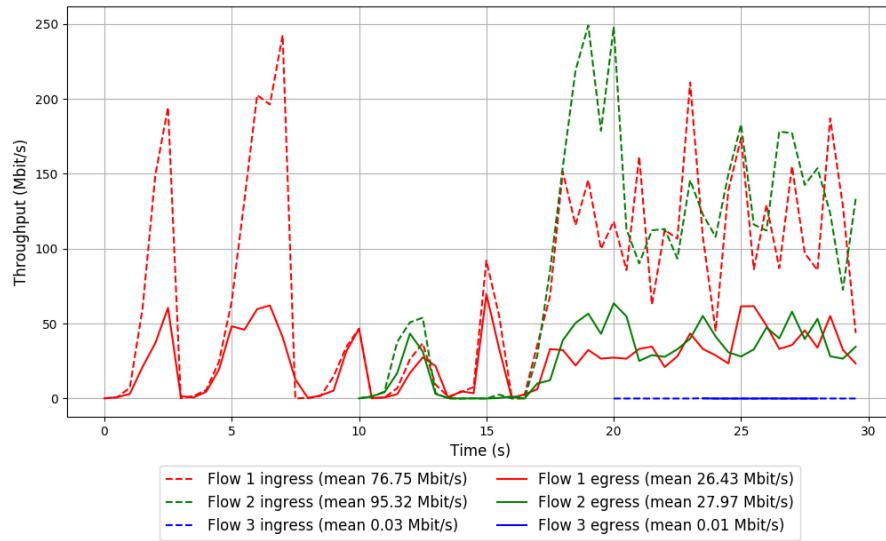


Run 3: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 20:46:57 +0000
End at: Sun, 09 Jul 2017 20:47:27 +0000
Local clock offset: -0.656 ms
Remote clock offset: -5.102 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 44.98 Mbit/s
95th percentile per-packet one-way delay: 84.297 ms
Loss rate: 67.85%
-- Flow 1:
Average throughput: 26.43 Mbit/s
95th percentile per-packet one-way delay: 84.076 ms
Loss rate: 65.55%
-- Flow 2:
Average throughput: 27.97 Mbit/s
95th percentile per-packet one-way delay: 84.524 ms
Loss rate: 70.65%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 85.930 ms
Loss rate: 71.43%
```

Run 3: Report of Verus — Data Link

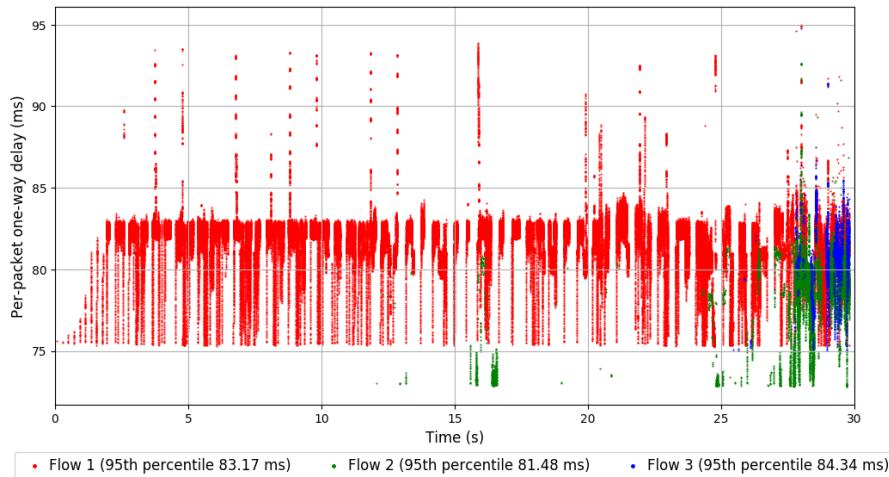
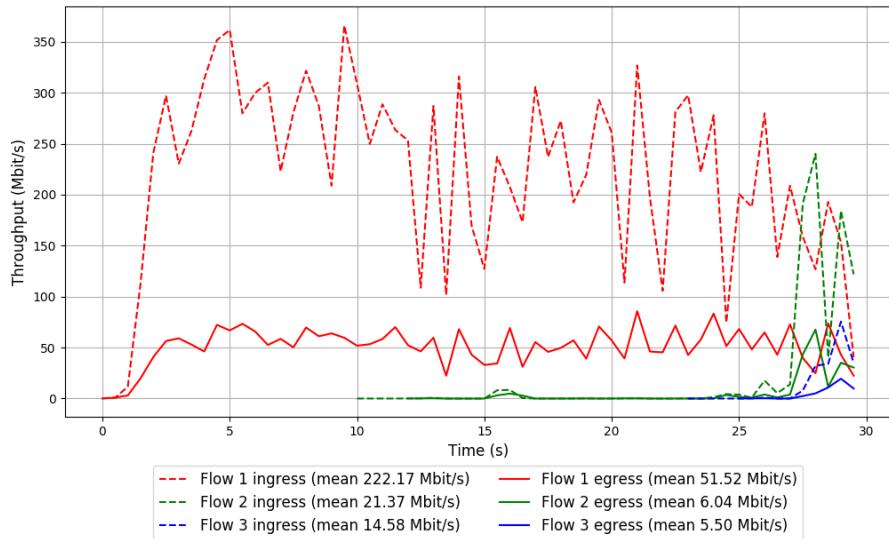


Run 4: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 21:06:39 +0000
End at: Sun, 09 Jul 2017 21:07:09 +0000
Local clock offset: 0.673 ms
Remote clock offset: -4.648 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:21 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 83.152 ms
Loss rate: 76.64%
-- Flow 1:
Average throughput: 51.52 Mbit/s
95th percentile per-packet one-way delay: 83.168 ms
Loss rate: 76.81%
-- Flow 2:
Average throughput: 6.04 Mbit/s
95th percentile per-packet one-way delay: 81.479 ms
Loss rate: 74.57%
-- Flow 3:
Average throughput: 5.50 Mbit/s
95th percentile per-packet one-way delay: 84.342 ms
Loss rate: 74.09%
```

Run 4: Report of Verus — Data Link

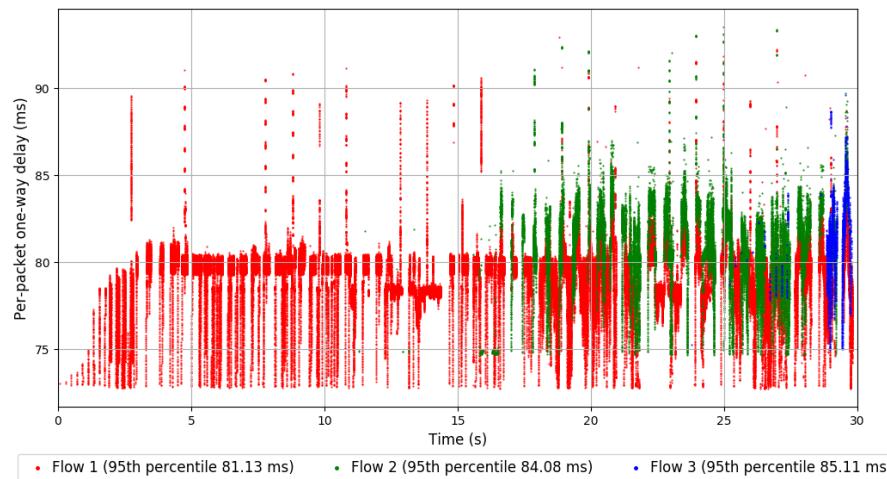
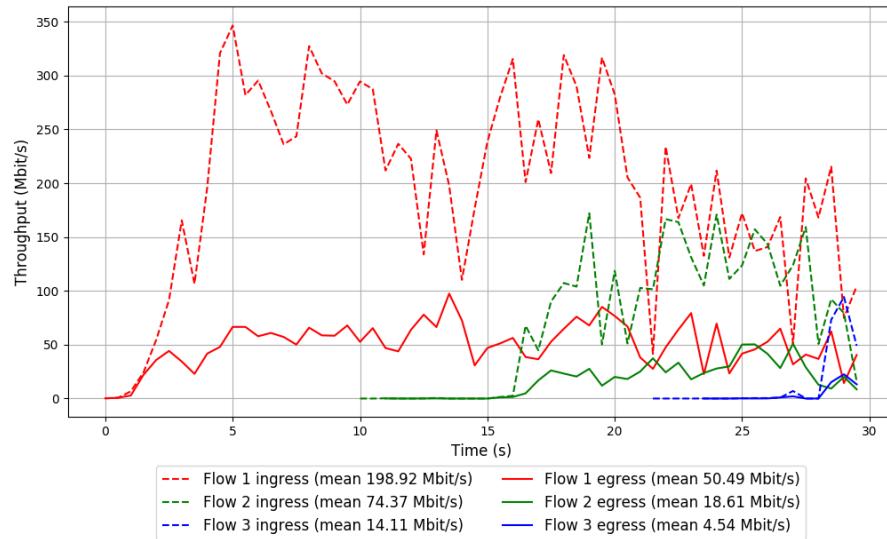


Run 5: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 21:26:20 +0000
End at: Sun, 09 Jul 2017 21:26:50 +0000
Local clock offset: -0.222 ms
Remote clock offset: -4.058 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.04 Mbit/s
95th percentile per-packet one-way delay: 82.843 ms
Loss rate: 74.95%
-- Flow 1:
Average throughput: 50.49 Mbit/s
95th percentile per-packet one-way delay: 81.131 ms
Loss rate: 74.62%
-- Flow 2:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 84.082 ms
Loss rate: 76.24%
-- Flow 3:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 85.112 ms
Loss rate: 75.86%
```

Run 5: Report of Verus — Data Link

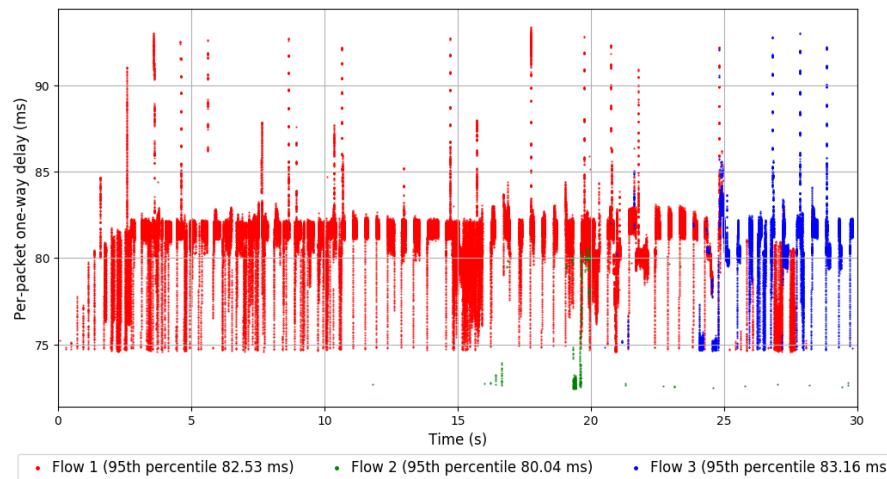
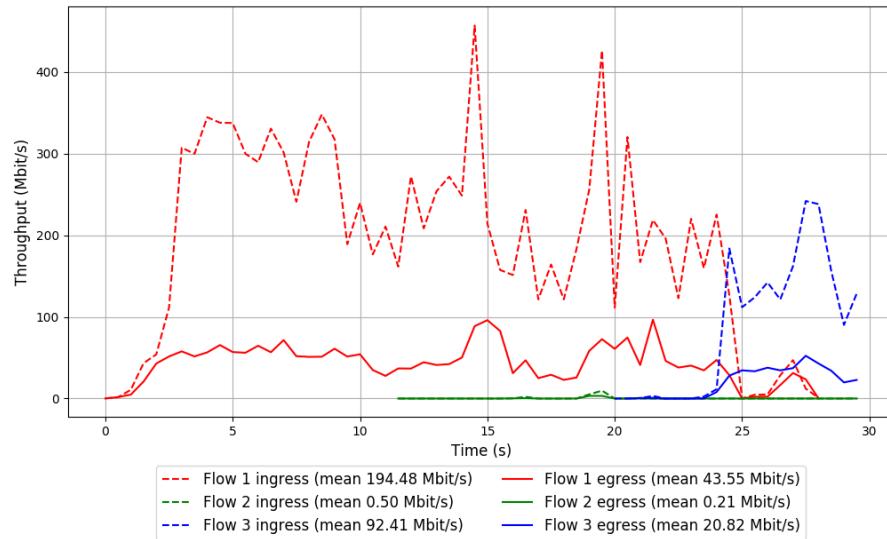


Run 6: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 21:46:02 +0000
End at: Sun, 09 Jul 2017 21:46:32 +0000
Local clock offset: -0.156 ms
Remote clock offset: -3.623 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:32 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 82.583 ms
Loss rate: 77.56%
-- Flow 1:
Average throughput: 43.55 Mbit/s
95th percentile per-packet one-way delay: 82.528 ms
Loss rate: 77.60%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 80.042 ms
Loss rate: 58.40%
-- Flow 3:
Average throughput: 20.82 Mbit/s
95th percentile per-packet one-way delay: 83.156 ms
Loss rate: 77.47%
```

Run 6: Report of Verus — Data Link

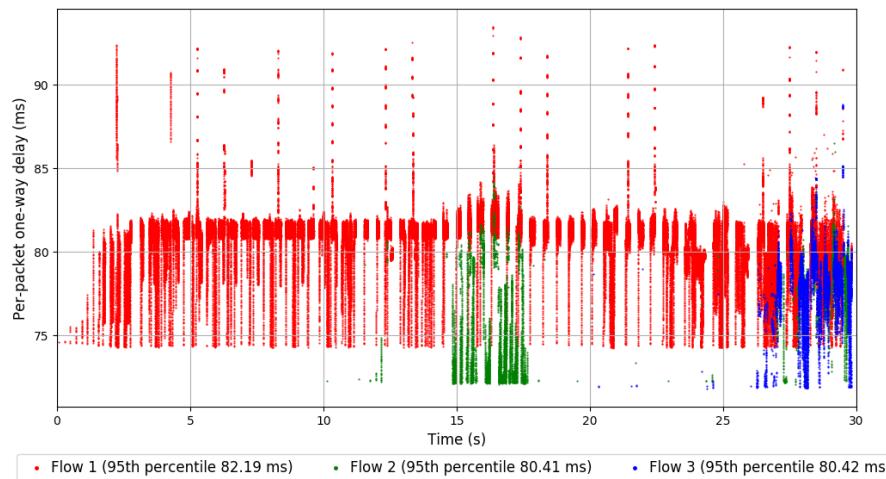
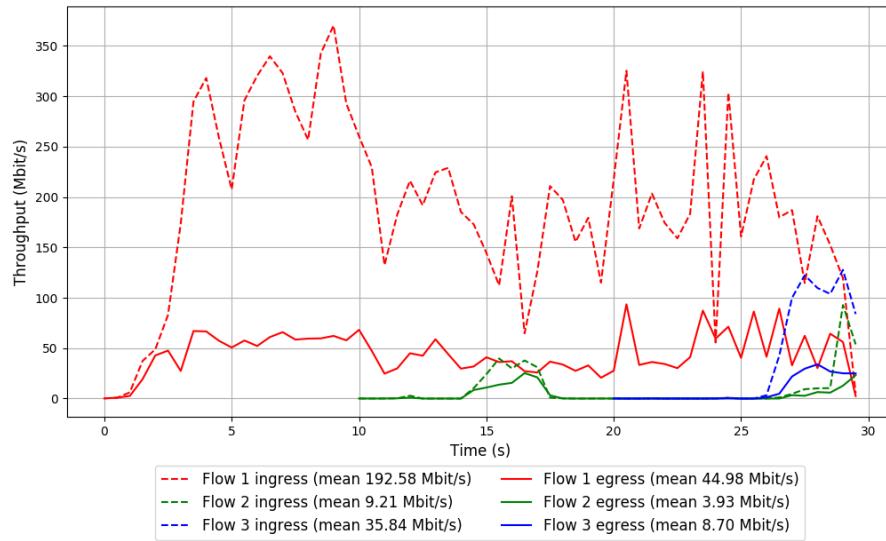


Run 7: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 22:05:45 +0000
End at: Sun, 09 Jul 2017 22:06:15 +0000
Local clock offset: 1.134 ms
Remote clock offset: -3.116 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.40 Mbit/s
95th percentile per-packet one-way delay: 82.115 ms
Loss rate: 76.03%
-- Flow 1:
Average throughput: 44.98 Mbit/s
95th percentile per-packet one-way delay: 82.188 ms
Loss rate: 76.64%
-- Flow 2:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 80.414 ms
Loss rate: 57.25%
-- Flow 3:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 80.418 ms
Loss rate: 75.71%
```

Run 7: Report of Verus — Data Link

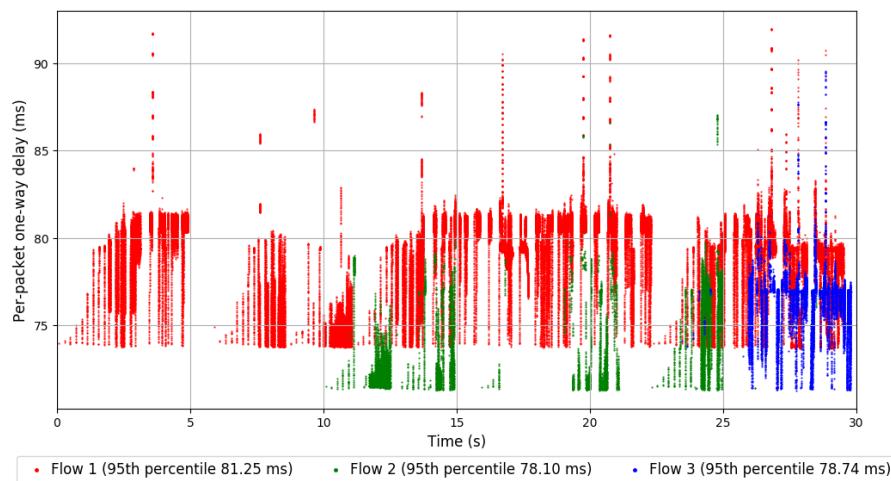
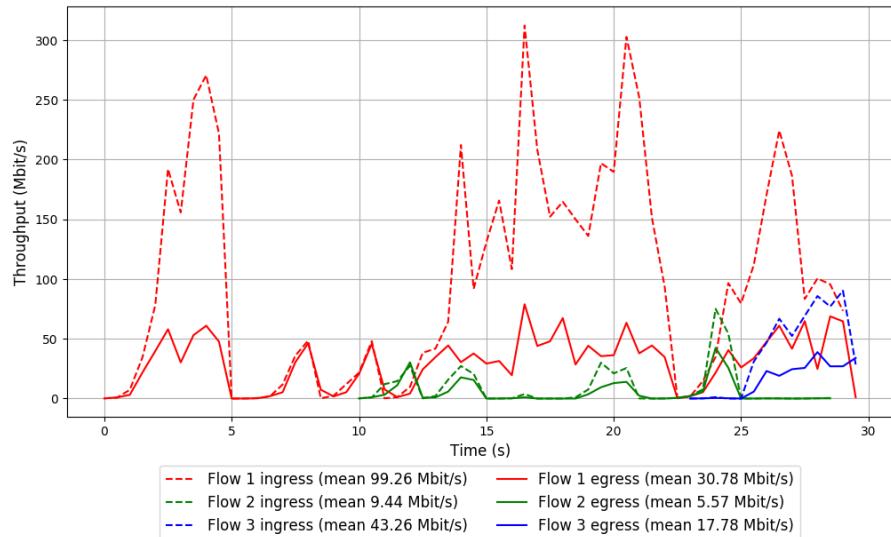


Run 8: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 22:25:27 +0000
End at: Sun, 09 Jul 2017 22:25:57 +0000
Local clock offset: -0.152 ms
Remote clock offset: -2.79 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.77 Mbit/s
95th percentile per-packet one-way delay: 81.209 ms
Loss rate: 66.71%
-- Flow 1:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 81.253 ms
Loss rate: 68.99%
-- Flow 2:
Average throughput: 5.57 Mbit/s
95th percentile per-packet one-way delay: 78.100 ms
Loss rate: 40.99%
-- Flow 3:
Average throughput: 17.78 Mbit/s
95th percentile per-packet one-way delay: 78.740 ms
Loss rate: 58.88%
```

Run 8: Report of Verus — Data Link

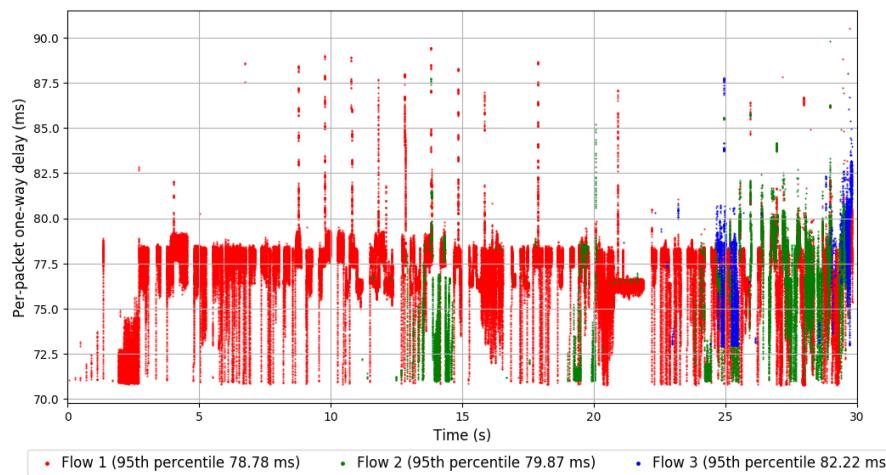
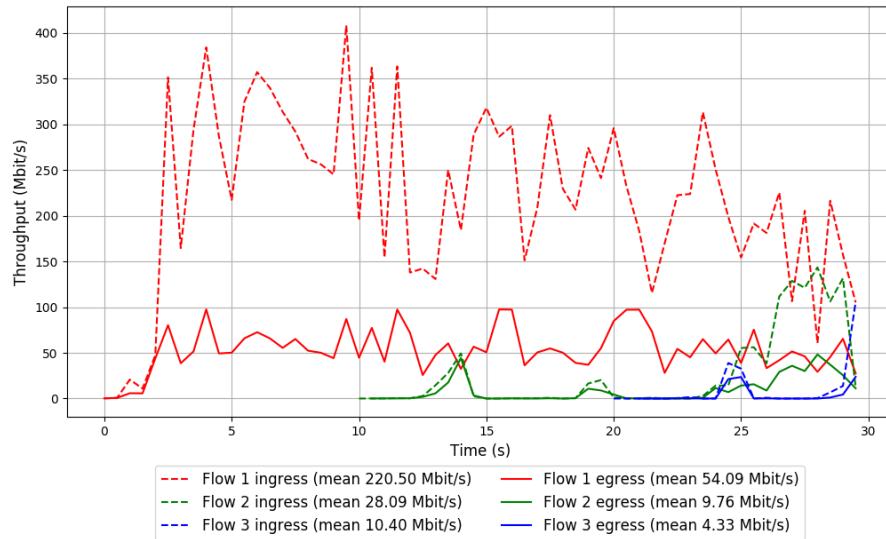


Run 9: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 22:45:14 +0000
End at: Sun, 09 Jul 2017 22:45:44 +0000
Local clock offset: -0.094 ms
Remote clock offset: -2.171 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.64 Mbit/s
95th percentile per-packet one-way delay: 78.981 ms
Loss rate: 74.52%
-- Flow 1:
Average throughput: 54.09 Mbit/s
95th percentile per-packet one-way delay: 78.780 ms
Loss rate: 75.47%
-- Flow 2:
Average throughput: 9.76 Mbit/s
95th percentile per-packet one-way delay: 79.872 ms
Loss rate: 65.25%
-- Flow 3:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 82.225 ms
Loss rate: 62.61%
```

Run 9: Report of Verus — Data Link

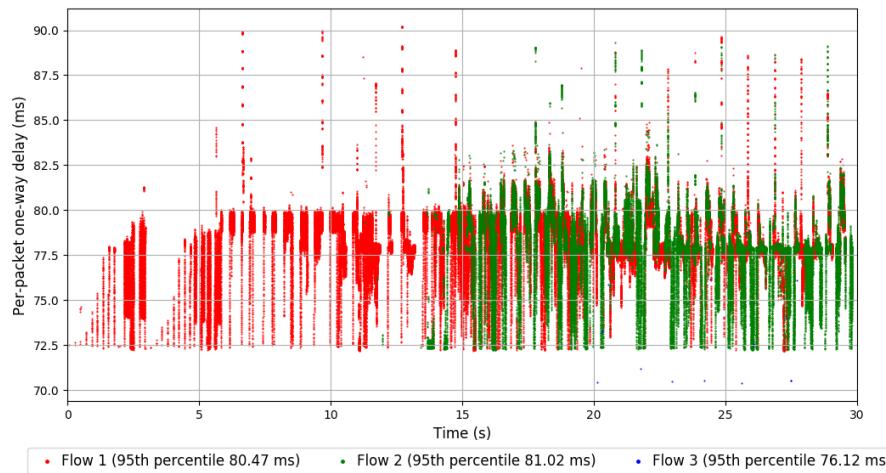
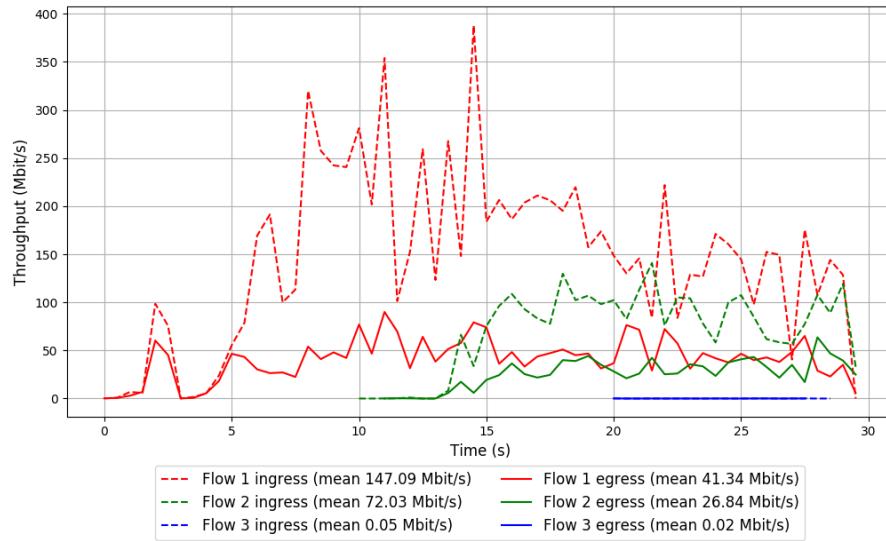


Run 10: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:05:07 +0000
End at: Sun, 09 Jul 2017 23:05:37 +0000
Local clock offset: 1.218 ms
Remote clock offset: -1.632 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 80.694 ms
Loss rate: 70.11%
-- Flow 1:
Average throughput: 41.34 Mbit/s
95th percentile per-packet one-way delay: 80.466 ms
Loss rate: 71.89%
-- Flow 2:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 81.018 ms
Loss rate: 64.59%
-- Flow 3:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 76.122 ms
Loss rate: 60.98%
```

Run 10: Report of Verus — Data Link

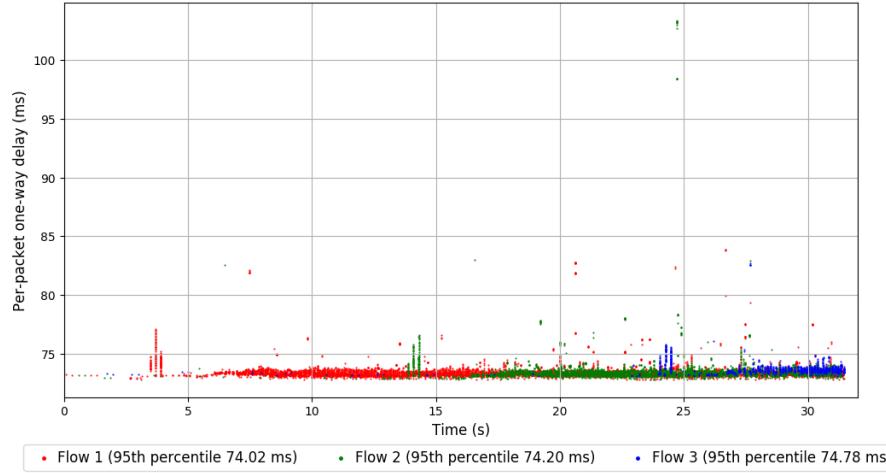
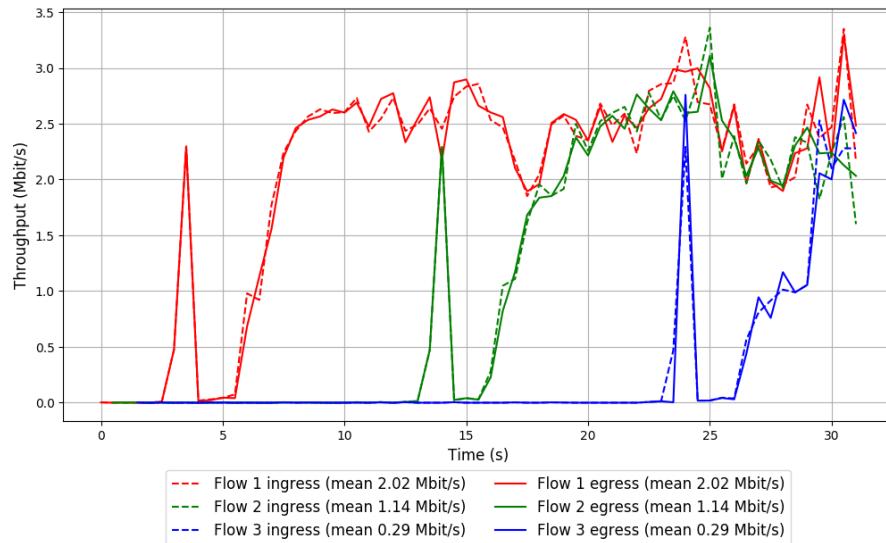


```
Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 20:10:14 +0000
End at: Sun, 09 Jul 2017 20:10:44 +0000
Local clock offset: -0.504 ms
Remote clock offset: -4.823 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 74.196 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 74.015 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 74.196 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 74.785 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

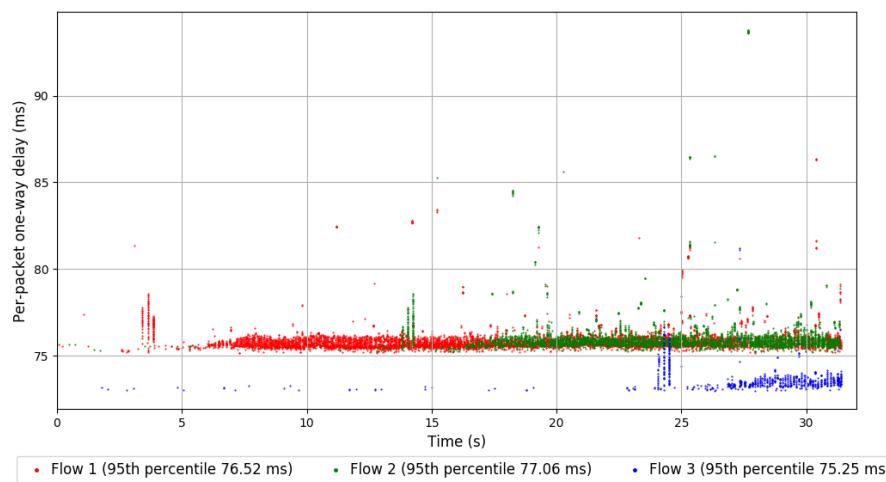
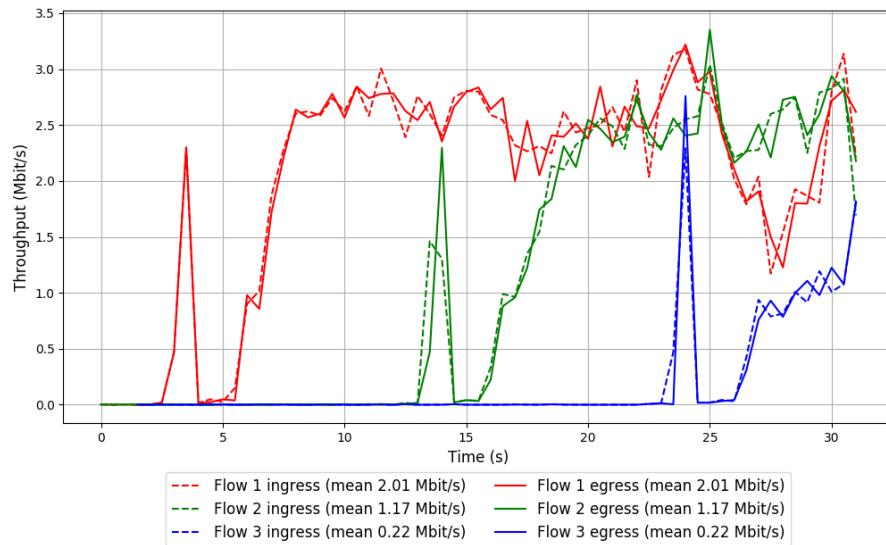


```
Run 2: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 20:29:56 +0000
End at: Sun, 09 Jul 2017 20:30:26 +0000
Local clock offset: 0.541 ms
Remote clock offset: -4.838 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 76.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 76.519 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 77.058 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.253 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

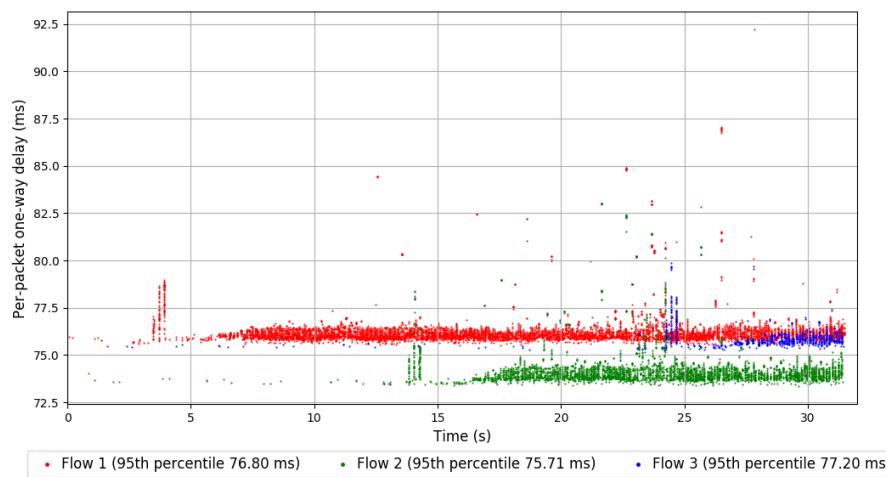
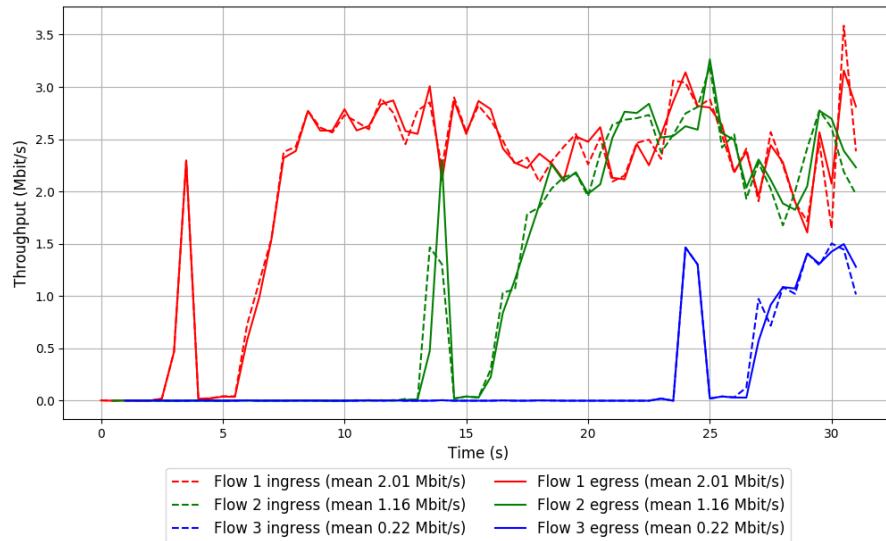


```
Run 3: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 20:49:42 +0000
End at: Sun, 09 Jul 2017 20:50:12 +0000
Local clock offset: -0.457 ms
Remote clock offset: -5.155 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.35 Mbit/s
95th percentile per-packet one-way delay: 76.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 76.799 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 75.708 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.198 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

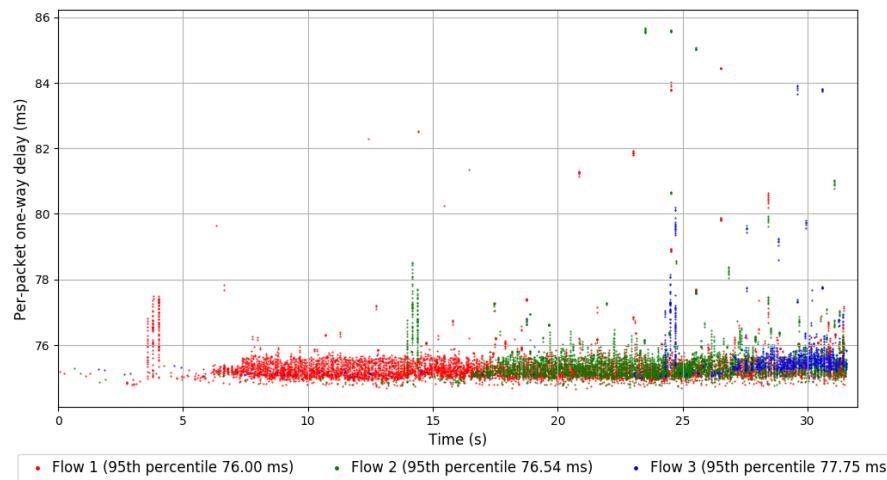
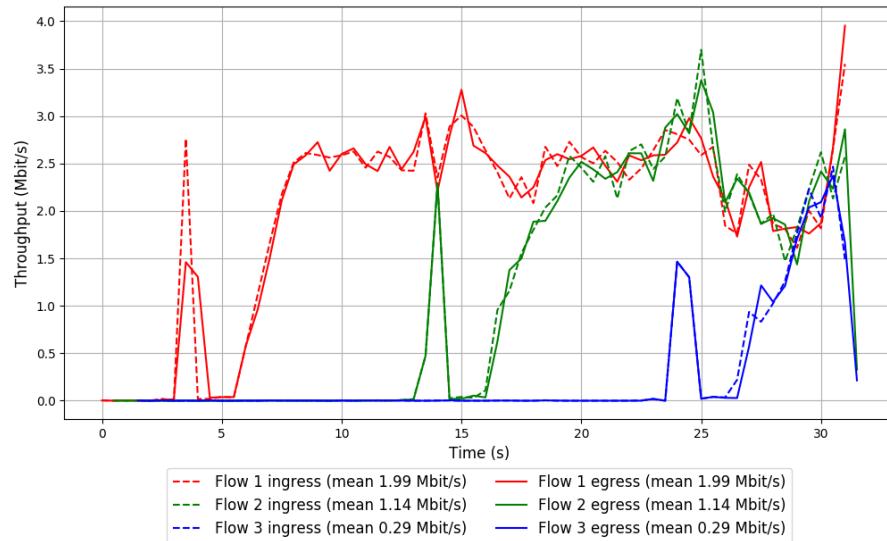


Run 4: Statistics of WebRTC media

```
Start at: Sun, 09 Jul 2017 21:09:20 +0000
End at: Sun, 09 Jul 2017 21:09:50 +0000
Local clock offset: 0.858 ms
Remote clock offset: -4.562 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.38 Mbit/s
95th percentile per-packet one-way delay: 76.318 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 75.996 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 76.541 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 77.749 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

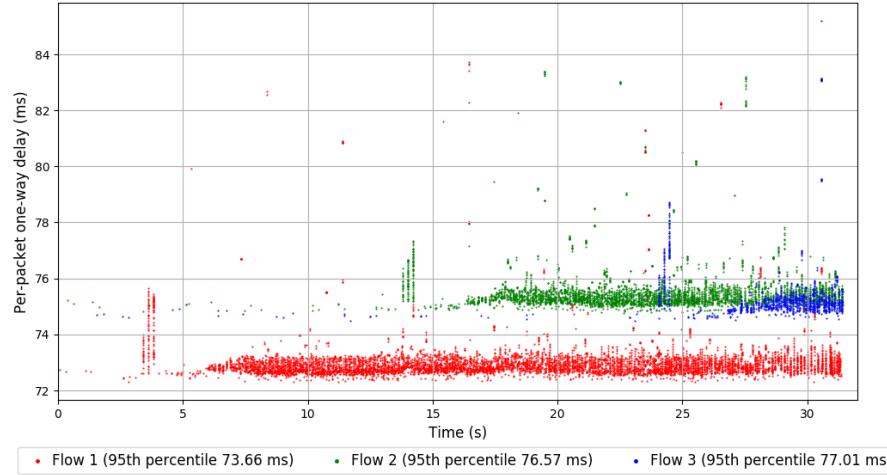
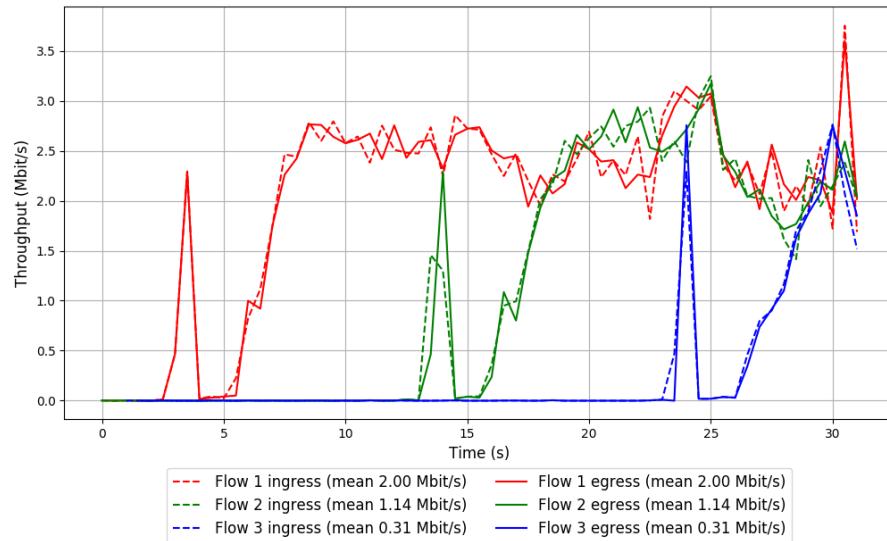


```
Run 5: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 21:29:01 +0000
End at: Sun, 09 Jul 2017 21:29:31 +0000
Local clock offset: -0.123 ms
Remote clock offset: -3.997 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 75.951 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 73.655 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 76.569 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 77.010 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

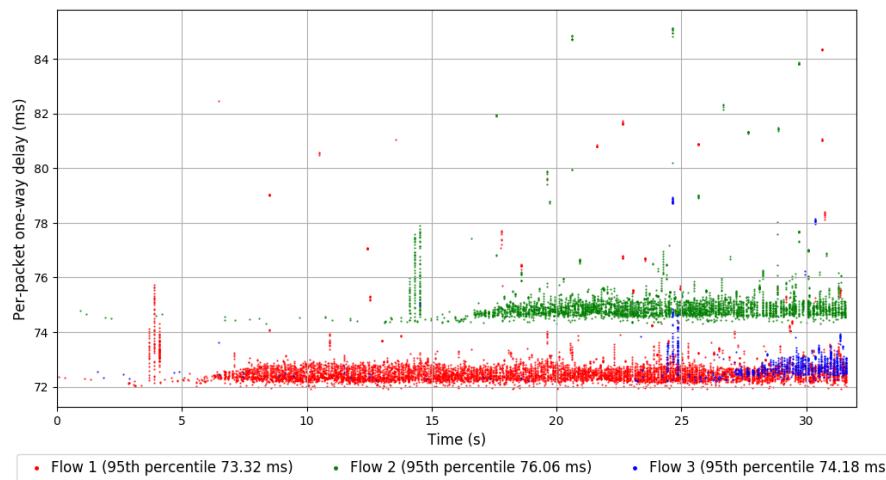
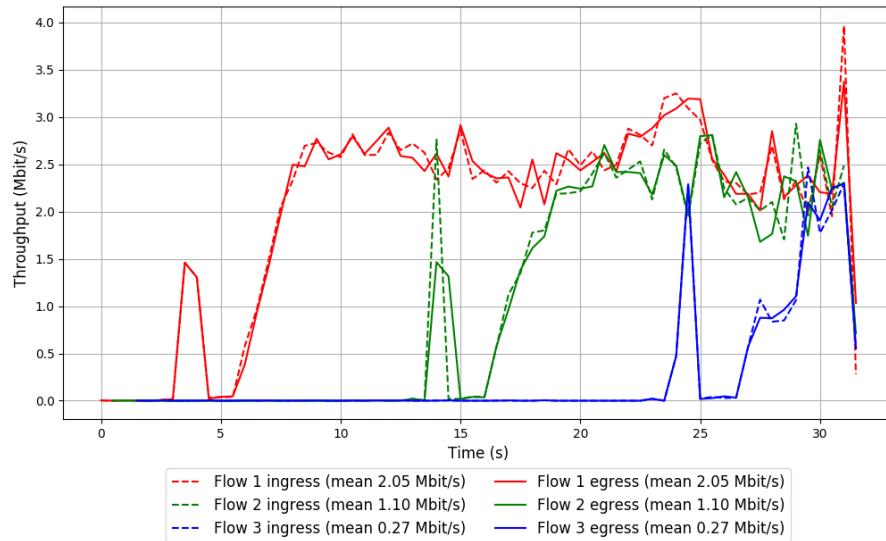


```
Run 6: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 21:48:41 +0000
End at: Sun, 09 Jul 2017 21:49:11 +0000
Local clock offset: 1.048 ms
Remote clock offset: -3.562 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.38 Mbit/s
95th percentile per-packet one-way delay: 75.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 73.318 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 76.055 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 74.176 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

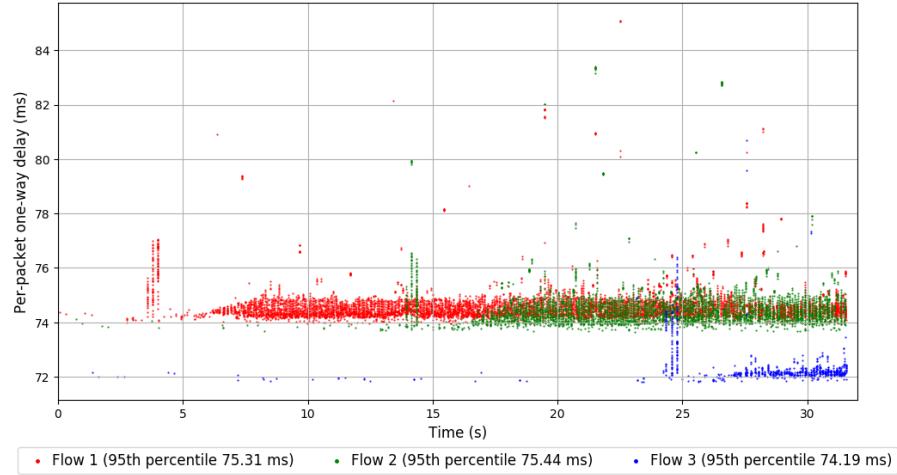
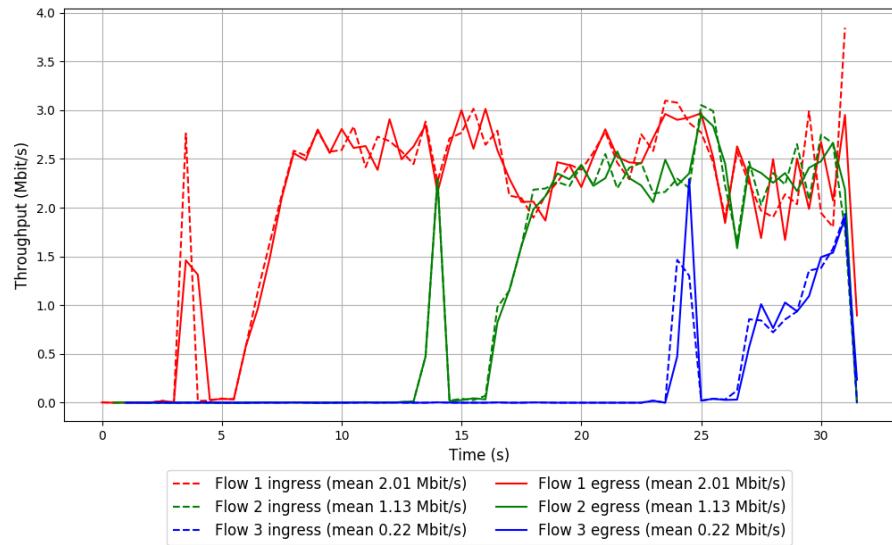


```
Run 7: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 22:08:24 +0000
End at: Sun, 09 Jul 2017 22:08:54 +0000
Local clock offset: -0.089 ms
Remote clock offset: -3.103 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 02:59:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 75.317 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 75.314 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 75.436 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.189 ms
Loss rate: 0.01%
```

Run 7: Report of WebRTC media — Data Link

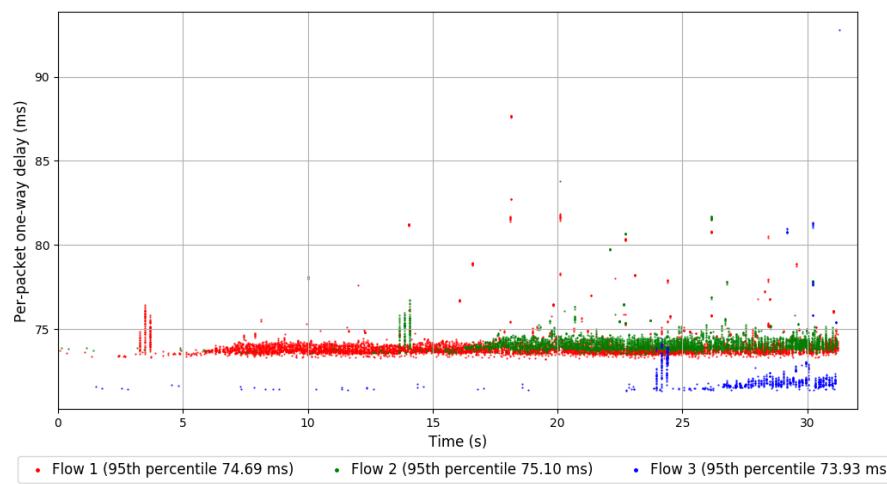
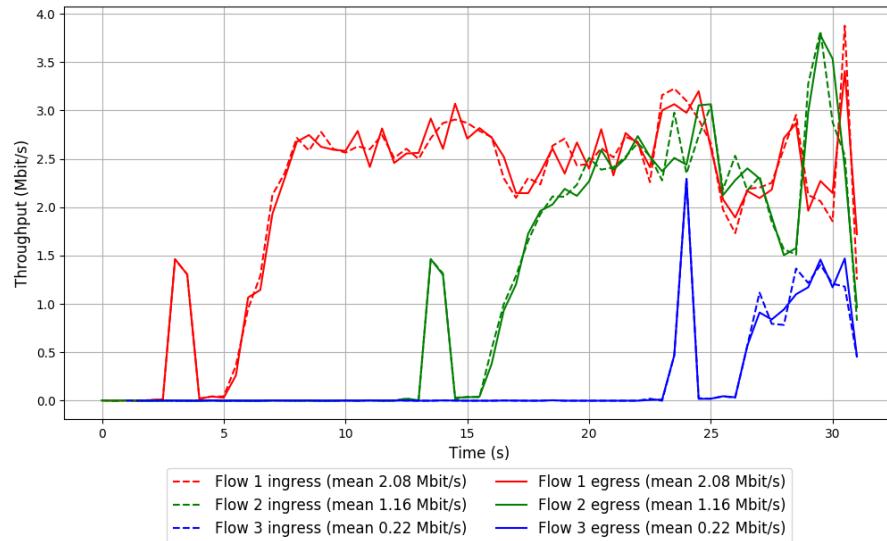


```
Run 8: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 22:28:04 +0000
End at: Sun, 09 Jul 2017 22:28:34 +0000
Local clock offset: 0.975 ms
Remote clock offset: -2.666 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:00:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 74.867 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 74.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 75.102 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.926 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

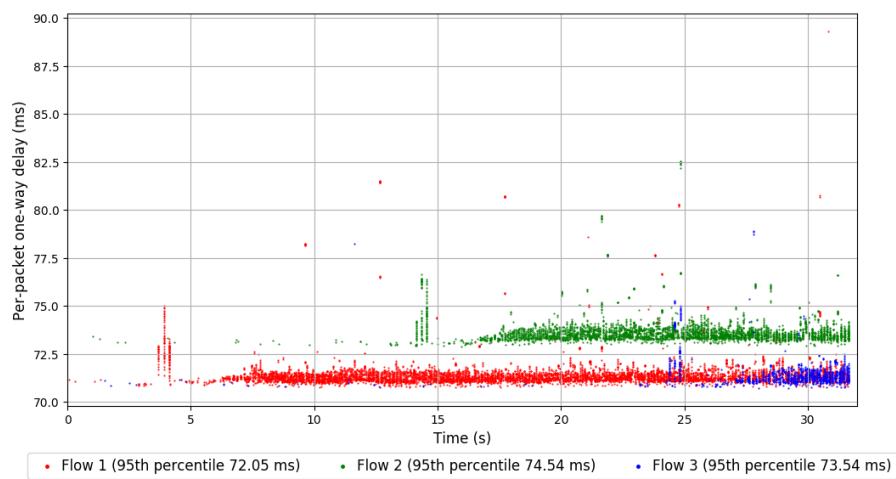
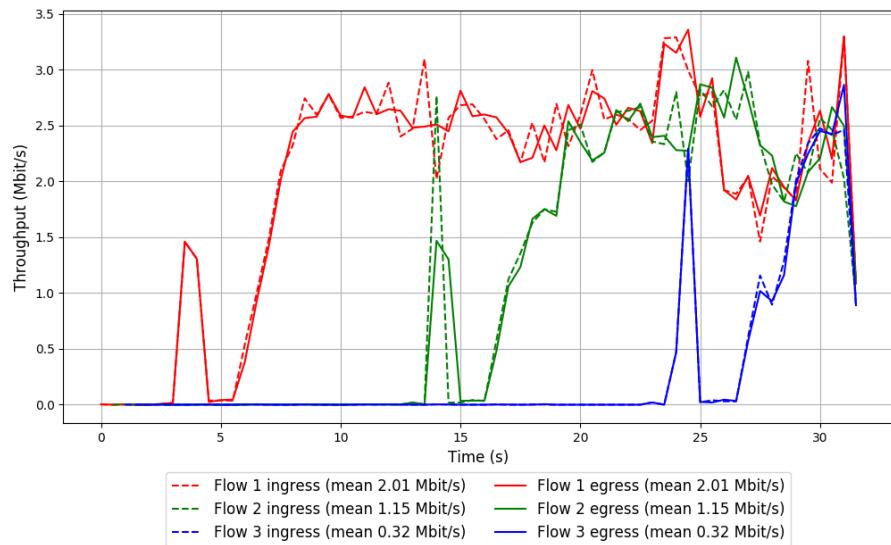


Run 9: Statistics of WebRTC media

```
Start at: Sun, 09 Jul 2017 22:47:55 +0000
End at: Sun, 09 Jul 2017 22:48:25 +0000
Local clock offset: 1.004 ms
Remote clock offset: -2.154 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:00:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 73.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 72.052 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 74.540 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 73.536 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:07:54 +0000
End at: Sun, 09 Jul 2017 23:08:24 +0000
Local clock offset: -0.338 ms
Remote clock offset: -1.545 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:00:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 73.433 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 73.519 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 71.563 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 76.353 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

