

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

Repeated the test of 15 congestion control schemes 10 times.

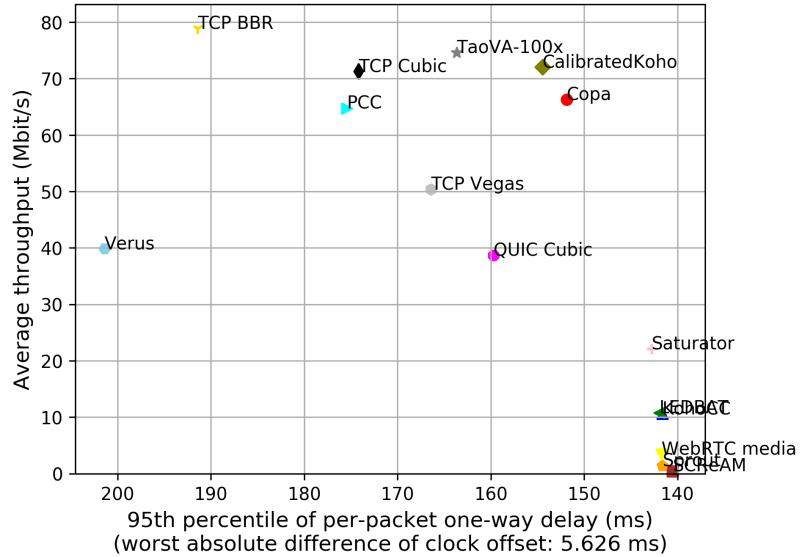
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

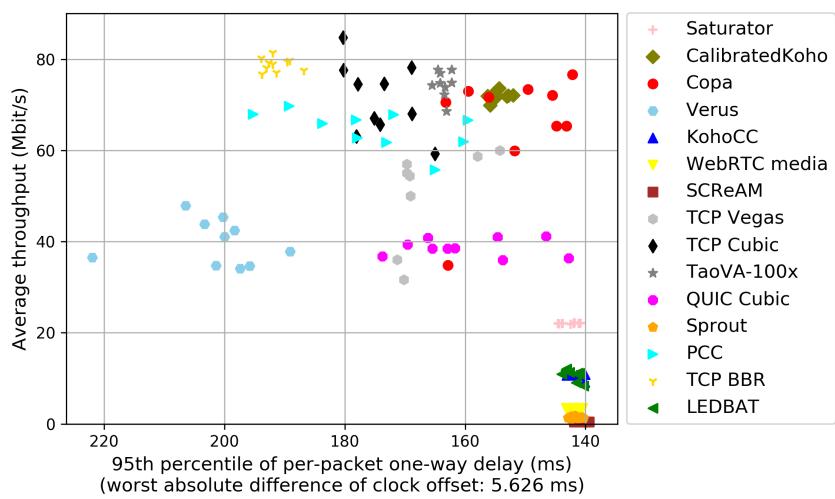
NTP offset measured against ntp.nict.jp.

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



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



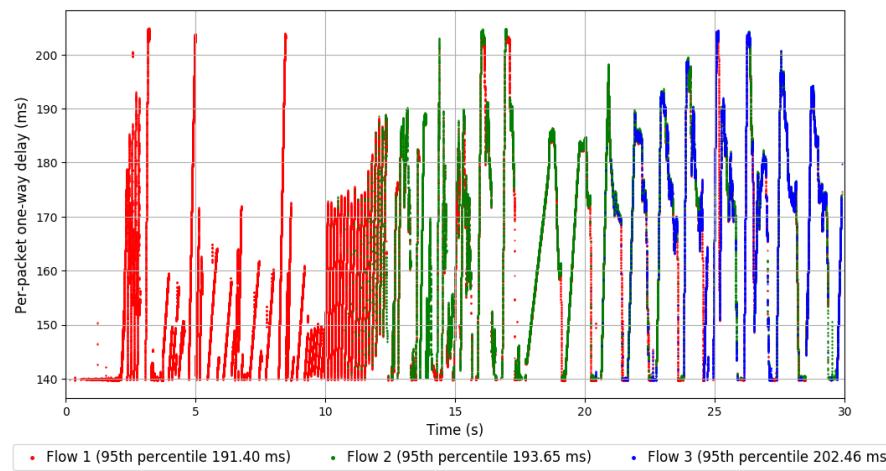
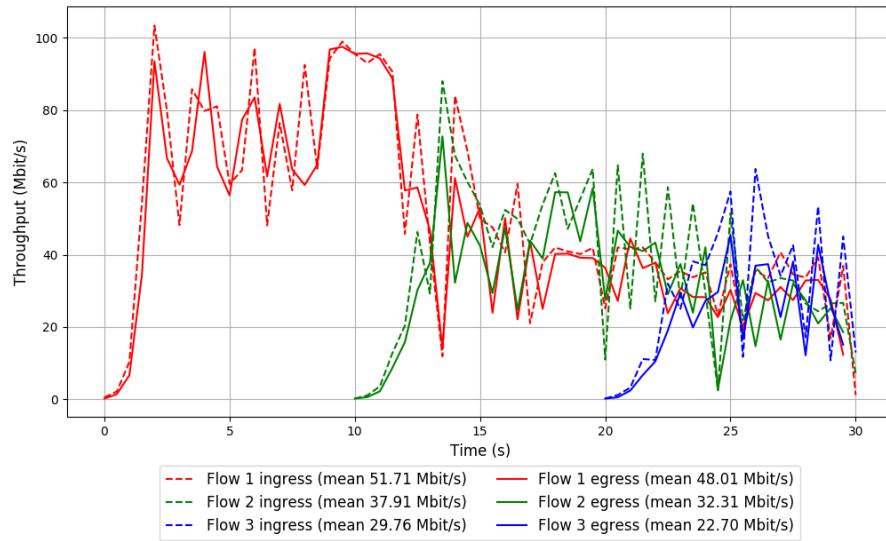
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	50.23	31.43	24.11	189.25	193.92	193.64	6.92	13.95	19.55
CalibratedKoho	10	70.21	2.02	1.45	154.46	154.23	154.39	1.00	1.81	2.95
Copa	10	40.53	28.07	21.82	146.42	153.02	151.45	0.98	4.39	2.76
TCP Cubic	10	36.22	36.76	32.76	174.01	174.13	174.50	1.02	1.43	2.94
KohoCC	10	5.44	5.31	5.01	141.50	141.65	141.89	0.72	1.13	2.43
LEDBAT	10	6.90	4.69	2.43	141.95	141.87	141.83	1.28	1.80	4.33
PCC	10	44.18	25.18	11.90	171.24	177.24	191.44	1.41	2.18	3.52
QUIC Cubic	10	29.30	28.69	26.75	157.33	160.83	160.87	0.27	0.14	3.48
Saturator	10	11.20	11.09	10.91	142.58	142.78	143.23	0.72	1.10	2.24
SCReAM	10	0.22	0.22	0.22	140.49	140.45	140.46	0.67	1.06	1.88
Sprout	10	0.76	0.65	0.66	141.57	141.45	141.38	0.86	0.98	2.09
TaoVA-100x	10	45.56	35.17	18.25	162.56	164.54	163.69	4.17	7.82	18.95
TCP Vegas	10	22.67	24.39	34.99	164.97	163.71	169.68	0.80	1.36	2.93
Verus	10	27.13	15.53	8.93	197.08	194.65	190.30	35.88	28.34	23.28
WebRTC media	10	2.04	1.18	0.25	141.51	141.88	142.59	0.76	1.41	5.68

Run 1: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:21:02 +0000
End at: Sun, 09 Jul 2017 23:21:32 +0000
Local clock offset: -0.349 ms
Remote clock offset: -1.314 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 193.770 ms
Loss rate: 12.93%
-- Flow 1:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 191.395 ms
Loss rate: 8.00%
-- Flow 2:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 193.654 ms
Loss rate: 17.49%
-- Flow 3:
Average throughput: 22.70 Mbit/s
95th percentile per-packet one-way delay: 202.461 ms
Loss rate: 26.71%
```

Run 1: Report of TCP BBR — Data Link

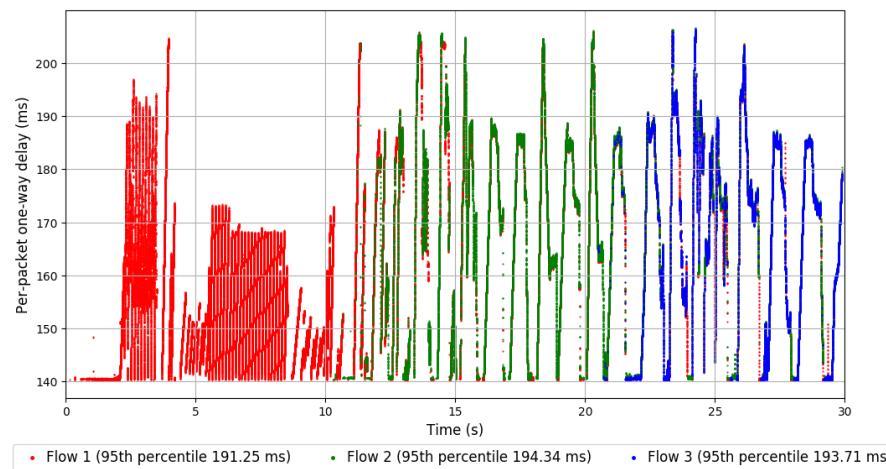
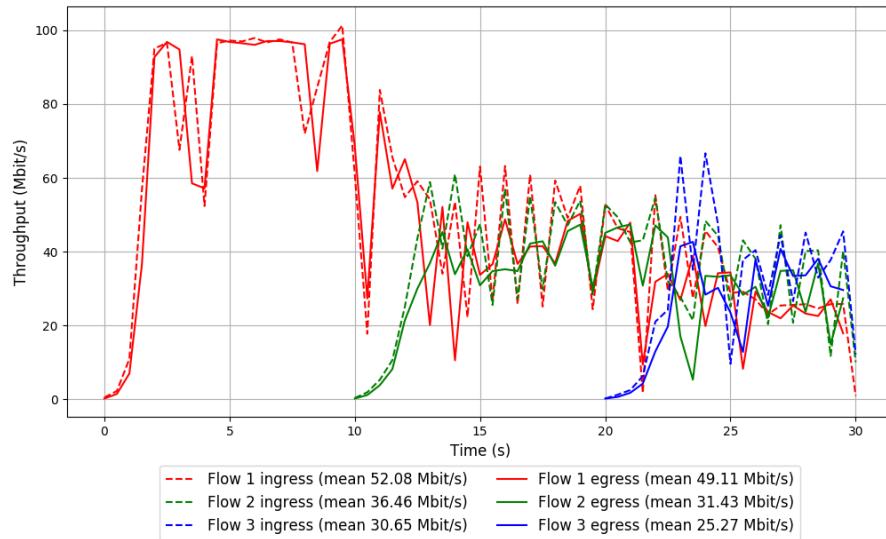


Run 2: Statistics of TCP BBR

```
Start at: Sun, 09 Jul 2017 23:40:57 +0000
End at: Sun, 09 Jul 2017 23:41:27 +0000
Local clock offset: -0.603 ms
Remote clock offset: -0.77 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.13 Mbit/s
95th percentile per-packet one-way delay: 193.008 ms
Loss rate: 11.01%
-- Flow 1:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 191.252 ms
Loss rate: 6.57%
-- Flow 2:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 194.336 ms
Loss rate: 15.42%
-- Flow 3:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 193.712 ms
Loss rate: 22.74%
```

Run 2: Report of TCP BBR — Data Link

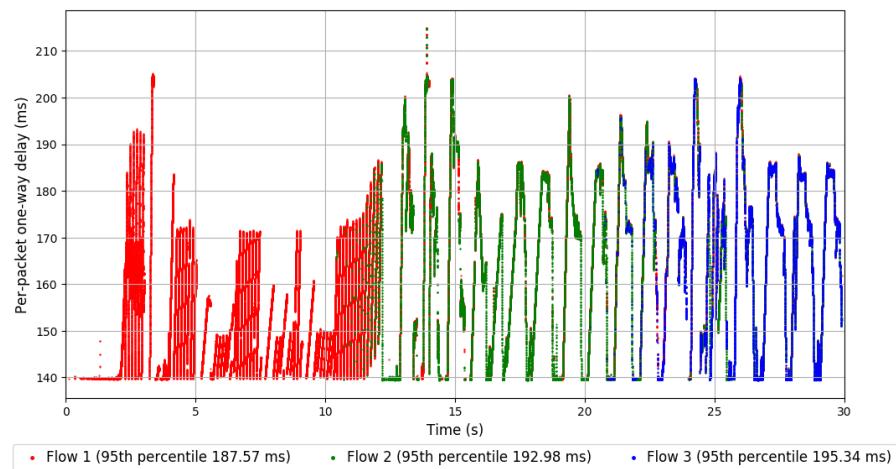
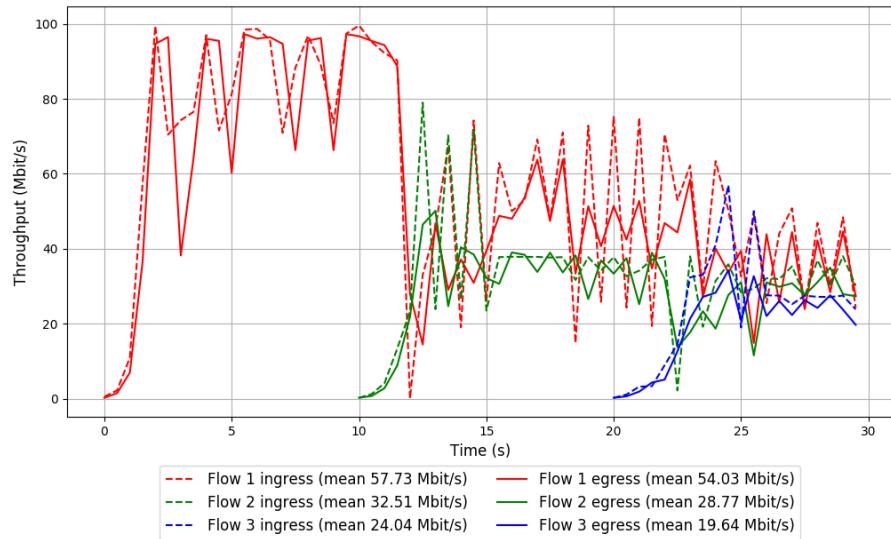


Run 3: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:00:55 +0000
End at: Mon, 10 Jul 2017 00:01:25 +0000
Local clock offset: -0.572 ms
Remote clock offset: -1.729 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.49 Mbit/s
95th percentile per-packet one-way delay: 189.579 ms
Loss rate: 9.53%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 187.573 ms
Loss rate: 7.03%
-- Flow 2:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 192.981 ms
Loss rate: 12.32%
-- Flow 3:
Average throughput: 19.64 Mbit/s
95th percentile per-packet one-way delay: 195.335 ms
Loss rate: 20.11%
```

Run 3: Report of TCP BBR — Data Link

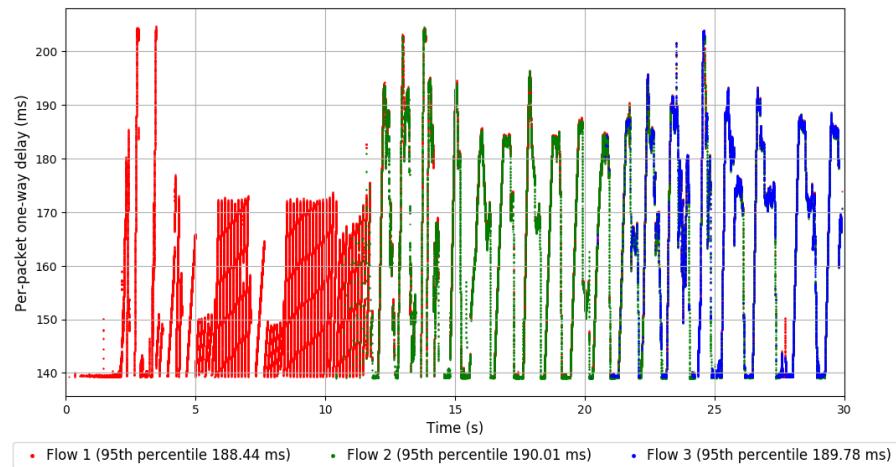
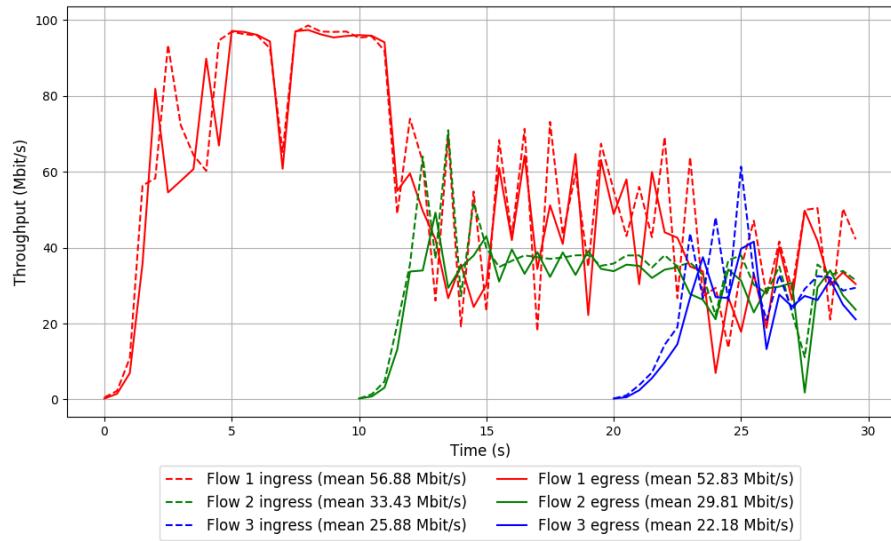


Run 4: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:20:48 +0000
End at: Mon, 10 Jul 2017 00:21:18 +0000
Local clock offset: -0.712 ms
Remote clock offset: -2.105 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 189.161 ms
Loss rate: 9.61%
-- Flow 1:
Average throughput: 52.83 Mbit/s
95th percentile per-packet one-way delay: 188.436 ms
Loss rate: 7.73%
-- Flow 2:
Average throughput: 29.81 Mbit/s
95th percentile per-packet one-way delay: 190.013 ms
Loss rate: 11.80%
-- Flow 3:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: 189.783 ms
Loss rate: 16.40%
```

Run 4: Report of TCP BBR — Data Link

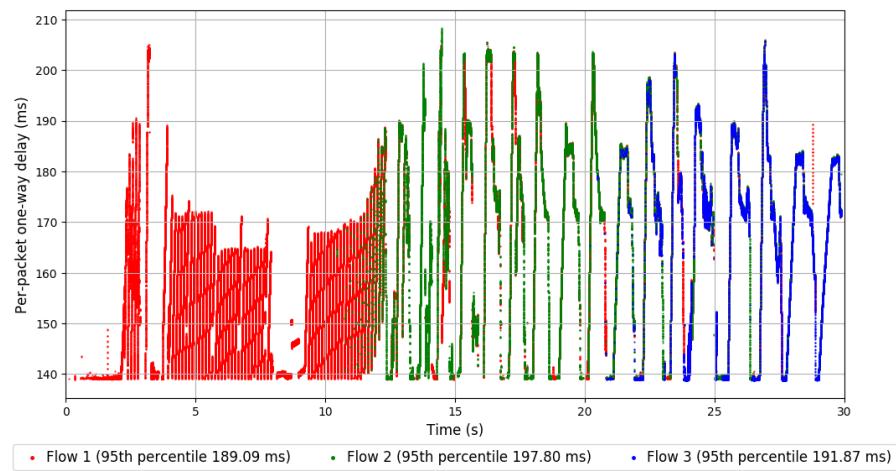
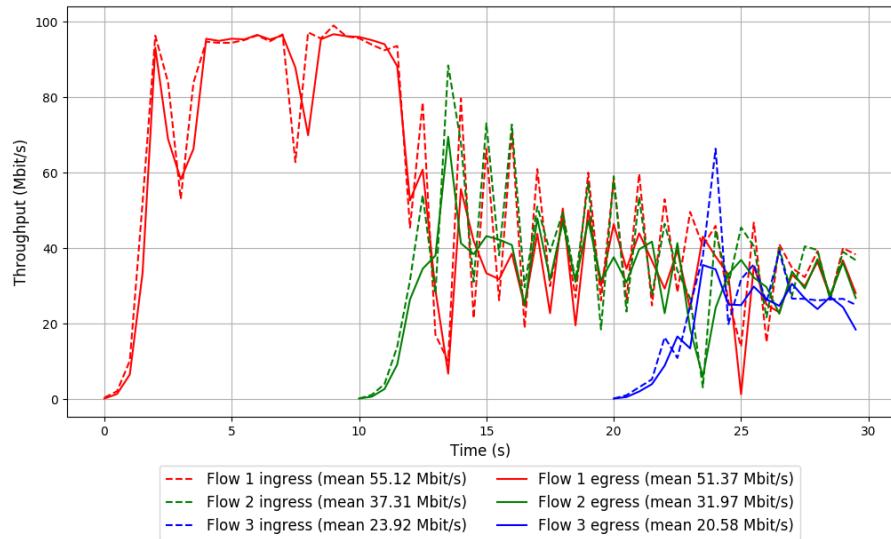


Run 5: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 00:40:59 +0000
End at: Mon, 10 Jul 2017 00:41:29 +0000
Local clock offset: -0.621 ms
Remote clock offset: -2.334 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.23 Mbit/s
95th percentile per-packet one-way delay: 192.670 ms
Loss rate: 10.57%
-- Flow 1:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 189.085 ms
Loss rate: 7.54%
-- Flow 2:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 197.799 ms
Loss rate: 15.43%
-- Flow 3:
Average throughput: 20.58 Mbit/s
95th percentile per-packet one-way delay: 191.867 ms
Loss rate: 16.33%
```

Run 5: Report of TCP BBR — Data Link

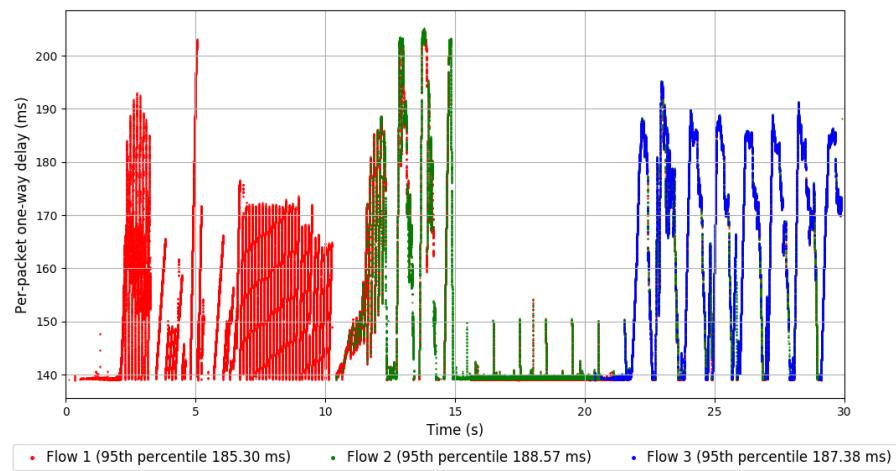
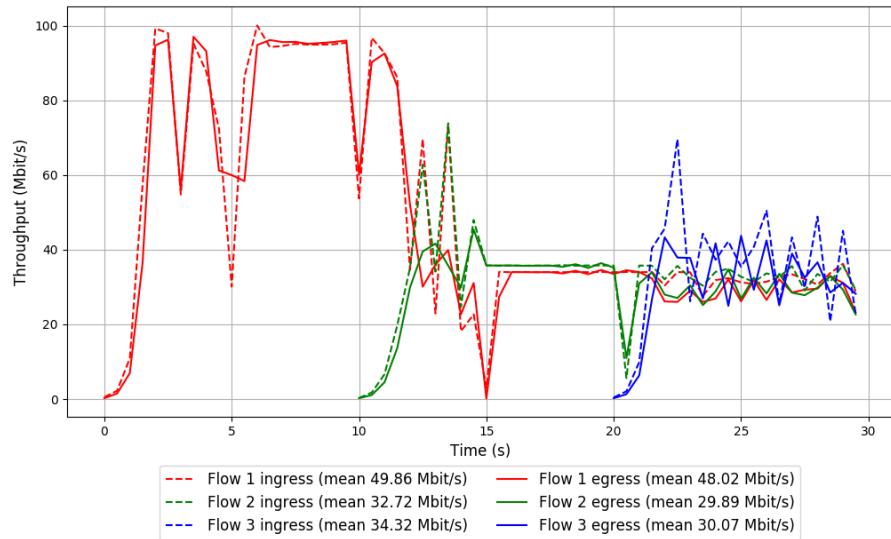


Run 6: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:00:55 +0000
End at: Mon, 10 Jul 2017 01:01:25 +0000
Local clock offset: -0.447 ms
Remote clock offset: -2.145 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.58 Mbit/s
95th percentile per-packet one-way delay: 186.842 ms
Loss rate: 7.11%
-- Flow 1:
Average throughput: 48.02 Mbit/s
95th percentile per-packet one-way delay: 185.301 ms
Loss rate: 4.37%
-- Flow 2:
Average throughput: 29.89 Mbit/s
95th percentile per-packet one-way delay: 188.568 ms
Loss rate: 9.65%
-- Flow 3:
Average throughput: 30.07 Mbit/s
95th percentile per-packet one-way delay: 187.383 ms
Loss rate: 14.26%
```

Run 6: Report of TCP BBR — Data Link

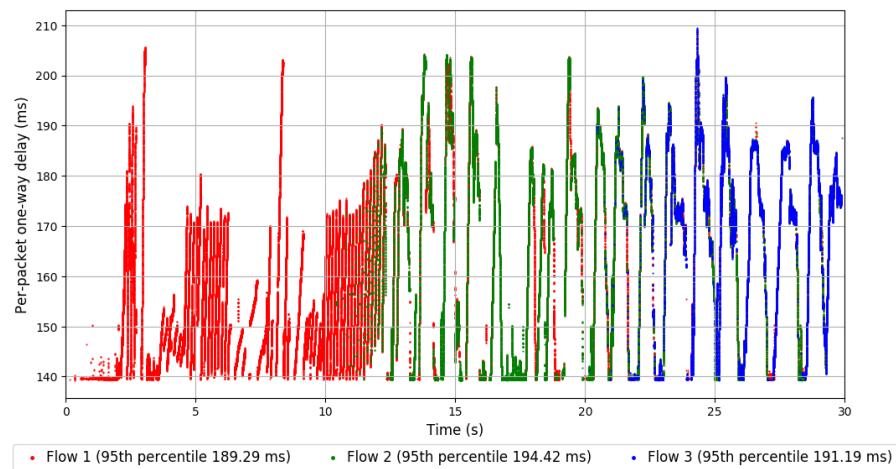
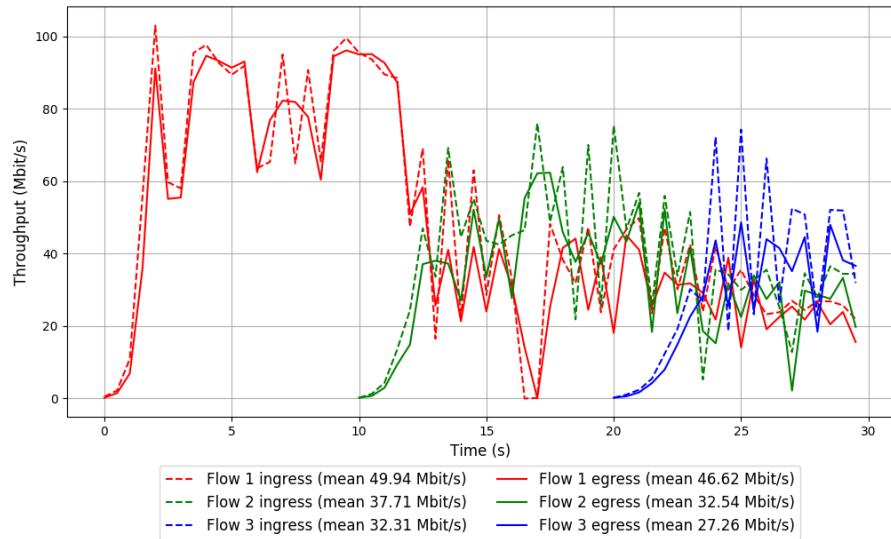


Run 7: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:20:57 +0000
End at: Mon, 10 Jul 2017 01:21:27 +0000
Local clock offset: -0.354 ms
Remote clock offset: -1.805 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.07 Mbit/s
95th percentile per-packet one-way delay: 191.383 ms
Loss rate: 10.71%
-- Flow 1:
Average throughput: 46.62 Mbit/s
95th percentile per-packet one-way delay: 189.294 ms
Loss rate: 7.33%
-- Flow 2:
Average throughput: 32.54 Mbit/s
95th percentile per-packet one-way delay: 194.418 ms
Loss rate: 14.56%
-- Flow 3:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 191.192 ms
Loss rate: 17.43%
```

Run 7: Report of TCP BBR — Data Link

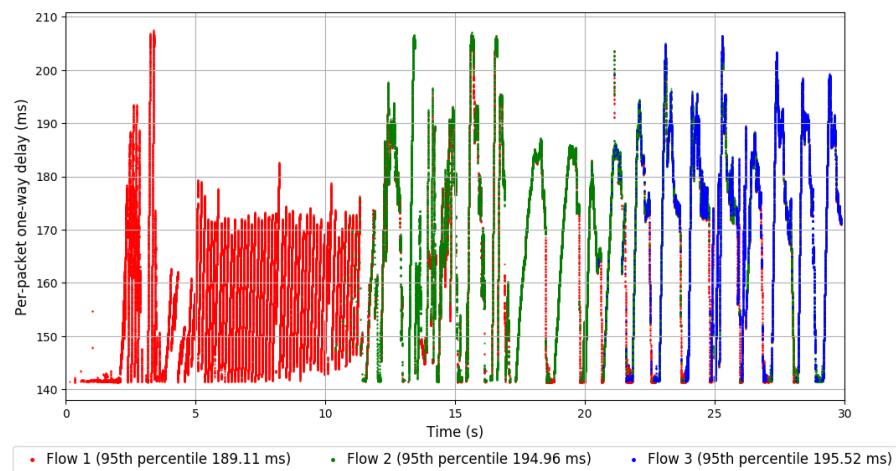
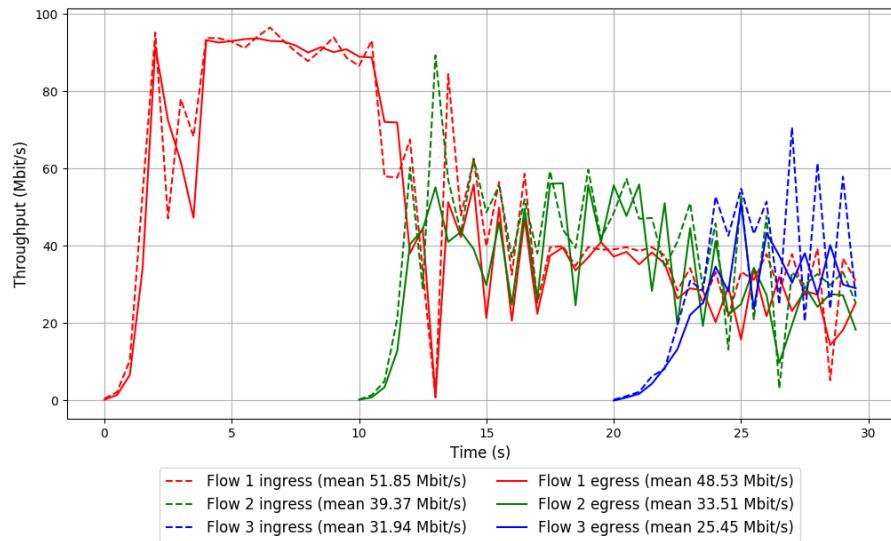


Run 8: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 01:40:48 +0000
End at: Mon, 10 Jul 2017 01:41:18 +0000
Local clock offset: 0.755 ms
Remote clock offset: 0.021 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 191.997 ms
Loss rate: 11.46%
-- Flow 1:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 189.110 ms
Loss rate: 7.08%
-- Flow 2:
Average throughput: 33.51 Mbit/s
95th percentile per-packet one-way delay: 194.963 ms
Loss rate: 15.92%
-- Flow 3:
Average throughput: 25.45 Mbit/s
95th percentile per-packet one-way delay: 195.517 ms
Loss rate: 21.97%
```

Run 8: Report of TCP BBR — Data Link

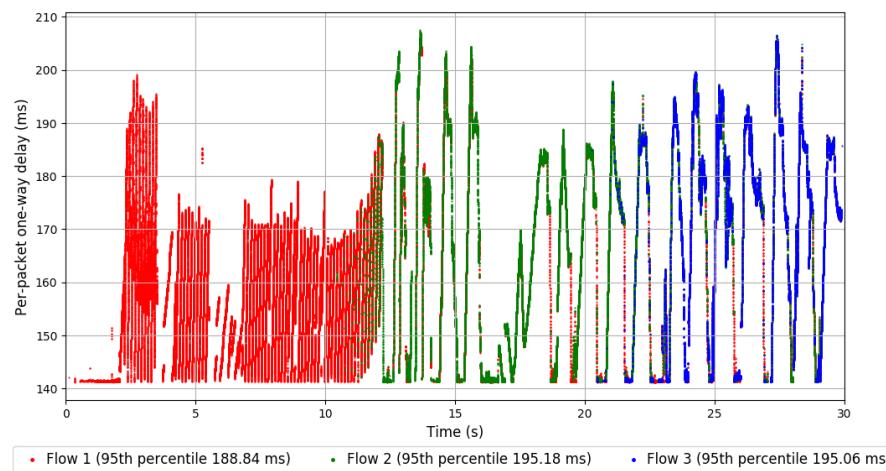
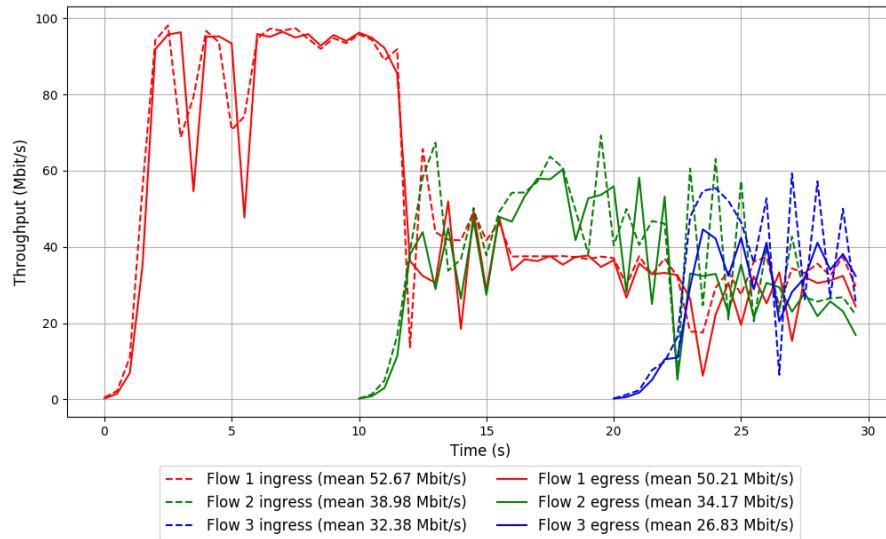


Run 9: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 02:00:40 +0000
End at: Mon, 10 Jul 2017 02:01:10 +0000
Local clock offset: -0.836 ms
Remote clock offset: -0.204 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.49 Mbit/s
95th percentile per-packet one-way delay: 191.966 ms
Loss rate: 9.20%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 188.844 ms
Loss rate: 5.26%
-- Flow 2:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 195.183 ms
Loss rate: 13.36%
-- Flow 3:
Average throughput: 26.83 Mbit/s
95th percentile per-packet one-way delay: 195.056 ms
Loss rate: 18.61%
```

Run 9: Report of TCP BBR — Data Link

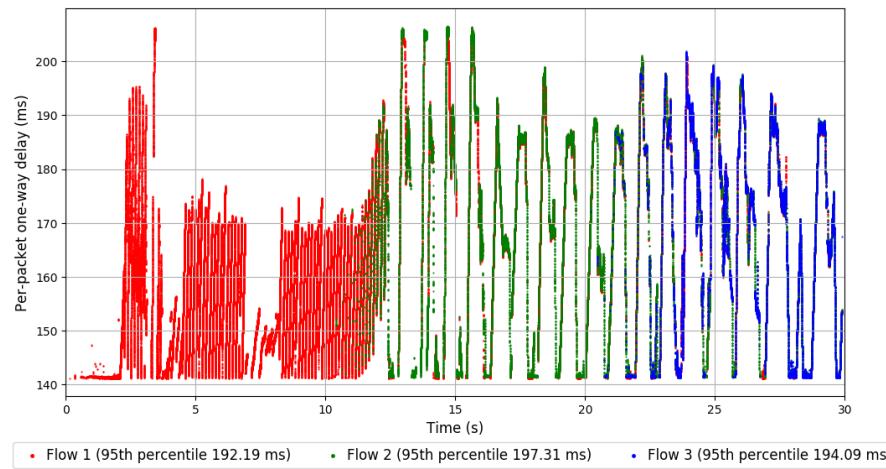
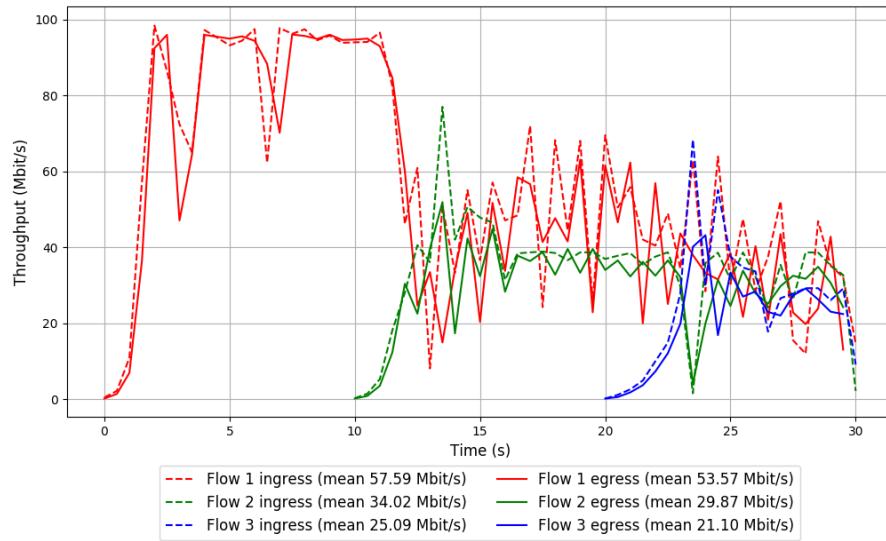


Run 10: Statistics of TCP BBR

```
Start at: Mon, 10 Jul 2017 02:20:33 +0000
End at: Mon, 10 Jul 2017 02:21:03 +0000
Local clock offset: -0.942 ms
Remote clock offset: -0.386 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.20 Mbit/s
95th percentile per-packet one-way delay: 193.921 ms
Loss rate: 10.82%
-- Flow 1:
Average throughput: 53.57 Mbit/s
95th percentile per-packet one-way delay: 192.186 ms
Loss rate: 8.25%
-- Flow 2:
Average throughput: 29.87 Mbit/s
95th percentile per-packet one-way delay: 197.306 ms
Loss rate: 13.53%
-- Flow 3:
Average throughput: 21.10 Mbit/s
95th percentile per-packet one-way delay: 194.088 ms
Loss rate: 20.98%
```

Run 10: Report of TCP BBR — Data Link

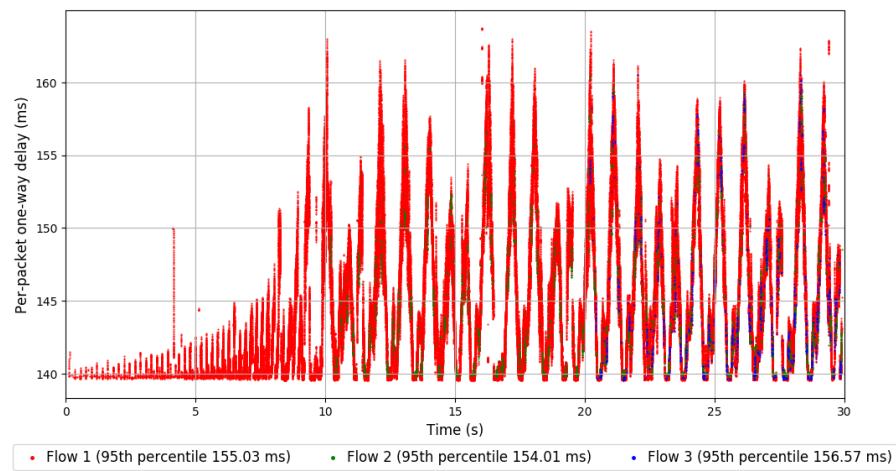
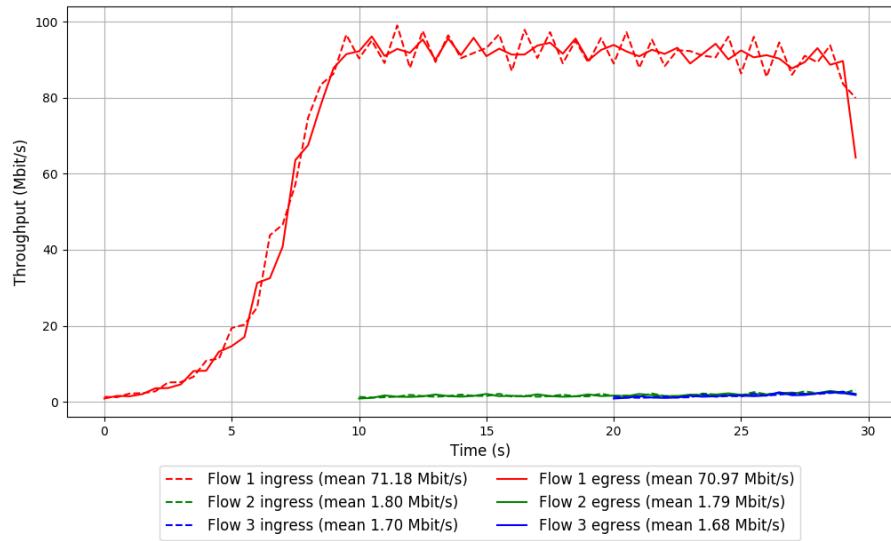


```
Run 1: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 23:15:50 +0000
End at: Sun, 09 Jul 2017 23:16:20 +0000
Local clock offset: 0.805 ms
Remote clock offset: -1.419 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 155.036 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 70.97 Mbit/s
95th percentile per-packet one-way delay: 155.032 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 154.015 ms
Loss rate: 1.81%
-- Flow 3:
Average throughput: 1.68 Mbit/s
95th percentile per-packet one-way delay: 156.566 ms
Loss rate: 3.07%
```

Run 1: Report of CalibratedKoho — Data Link

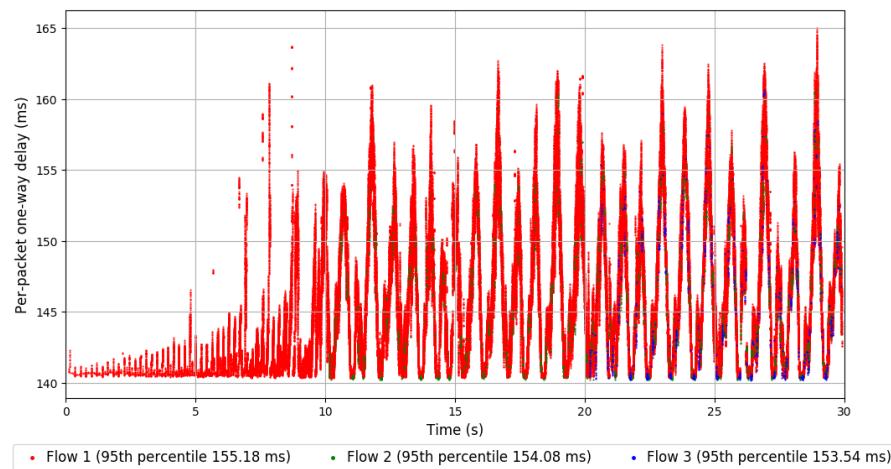
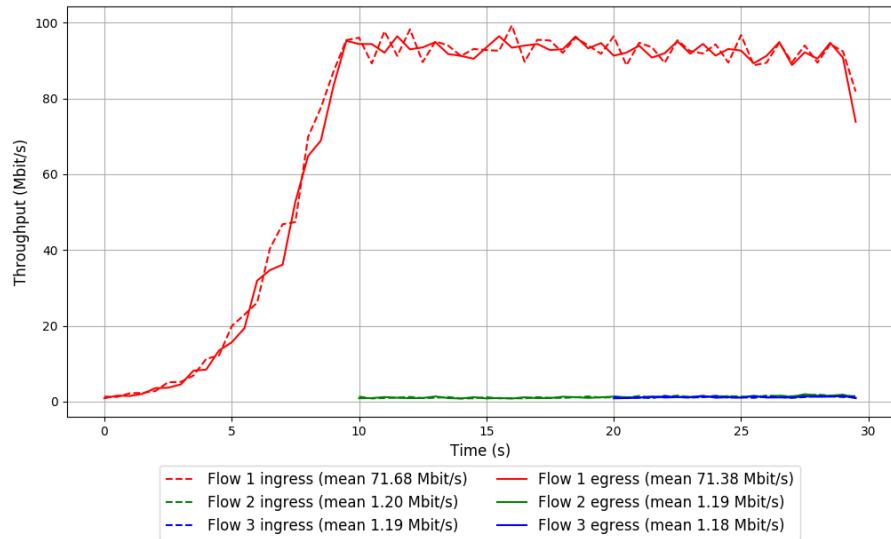


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 23:35:45 +0000
End at: Sun, 09 Jul 2017 23:36:15 +0000
Local clock offset: -0.475 ms
Remote clock offset: -0.91 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:01:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 155.159 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 71.38 Mbit/s
95th percentile per-packet one-way delay: 155.175 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 154.076 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 153.545 ms
Loss rate: 2.45%
```

Run 2: Report of CalibratedKoho — Data Link

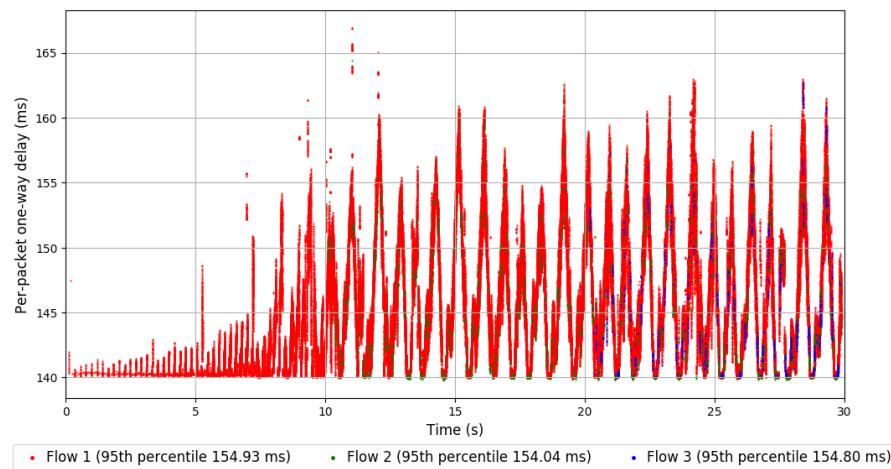
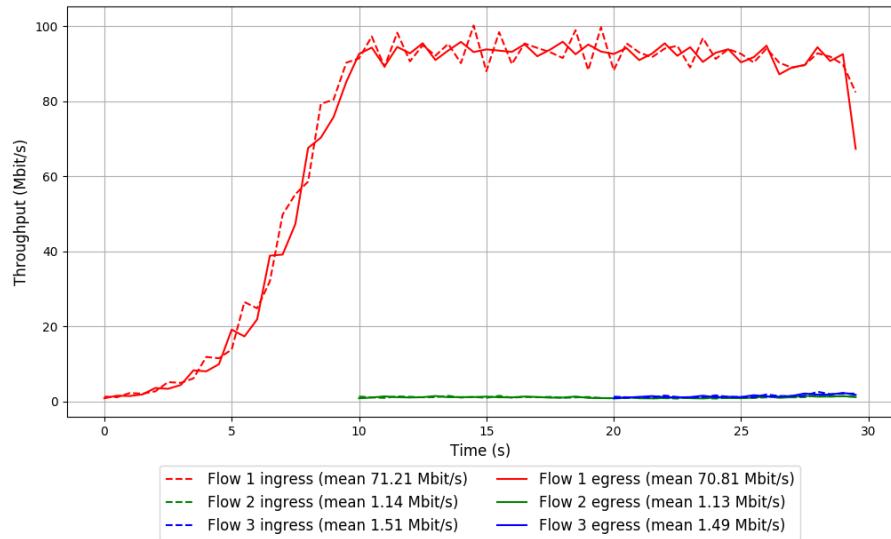


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Sun, 09 Jul 2017 23:55:39 +0000
End at: Sun, 09 Jul 2017 23:56:09 +0000
Local clock offset: 0.587 ms
Remote clock offset: -1.398 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.04 Mbit/s
95th percentile per-packet one-way delay: 154.922 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 70.81 Mbit/s
95th percentile per-packet one-way delay: 154.932 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 154.039 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 154.799 ms
Loss rate: 3.69%
```

Run 3: Report of CalibratedKoho — Data Link

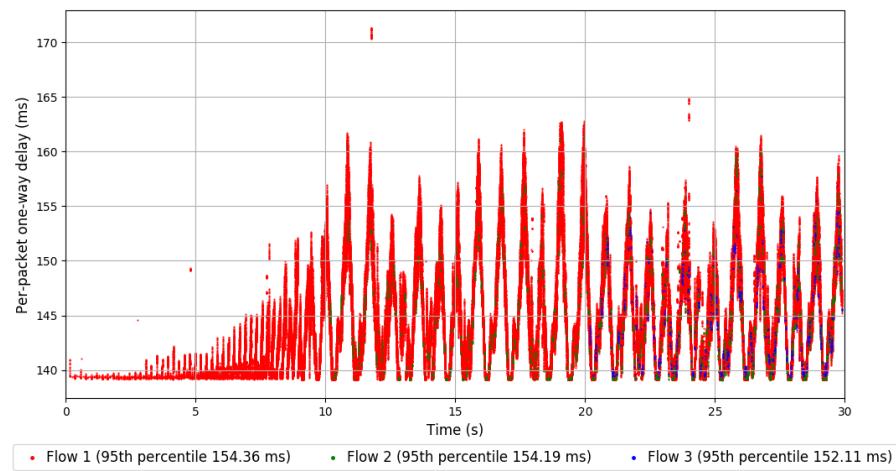
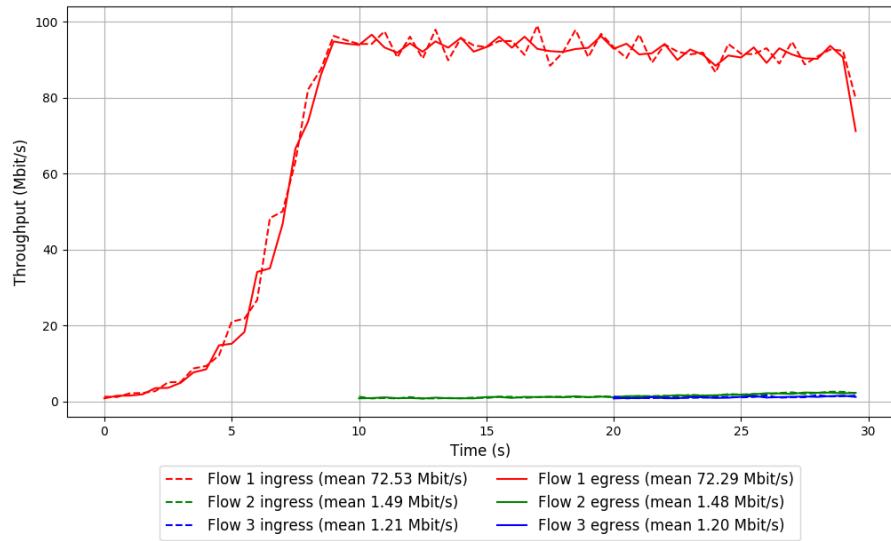


Run 4: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:15:37 +0000
End at: Mon, 10 Jul 2017 00:16:07 +0000
Local clock offset: -0.513 ms
Remote clock offset: -1.998 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.66 Mbit/s
95th percentile per-packet one-way delay: 154.342 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 72.29 Mbit/s
95th percentile per-packet one-way delay: 154.359 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 154.192 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 152.108 ms
Loss rate: 2.90%
```

Run 4: Report of CalibratedKoho — Data Link

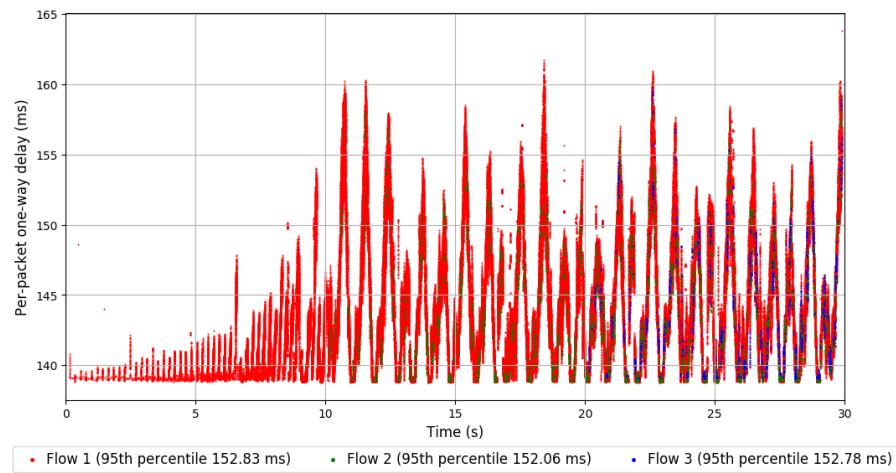
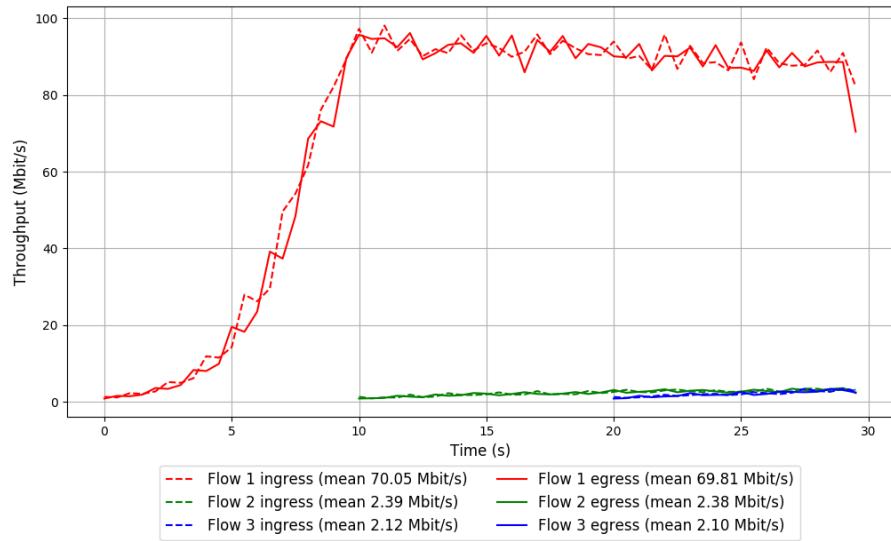


Run 5: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 00:35:43 +0000
End at: Mon, 10 Jul 2017 00:36:13 +0000
Local clock offset: -0.476 ms
Remote clock offset: -2.291 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.07 Mbit/s
95th percentile per-packet one-way delay: 152.811 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 69.81 Mbit/s
95th percentile per-packet one-way delay: 152.831 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 152.057 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 152.775 ms
Loss rate: 3.18%
```

Run 5: Report of CalibratedKoho — Data Link

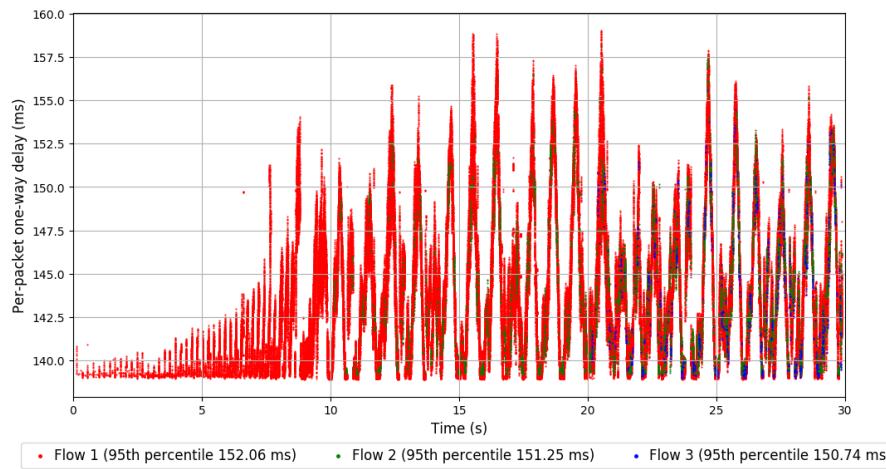
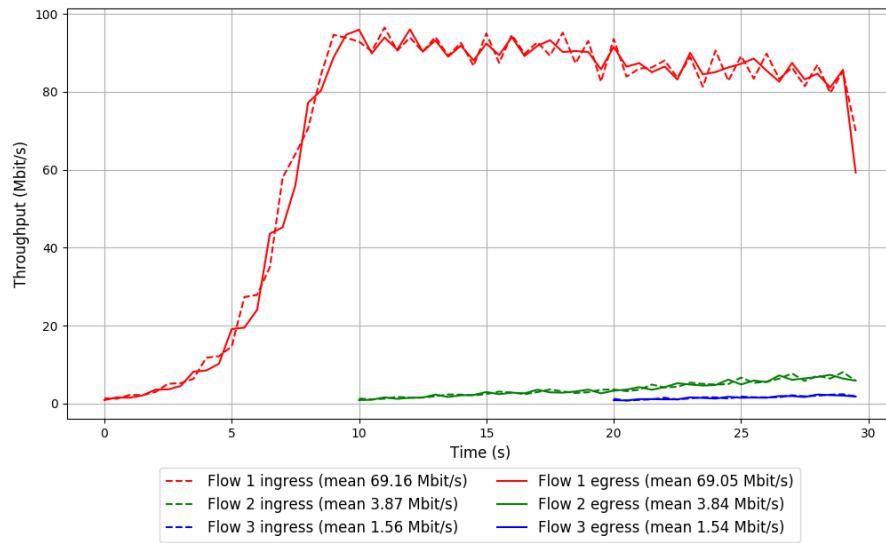


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Mon, 10 Jul 2017 00:55:43 +0000
End at: Mon, 10 Jul 2017 00:56:13 +0000
Local clock offset: -0.55 ms
Remote clock offset: -2.165 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:18 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.09 Mbit/s
95th percentile per-packet one-way delay: 152.011 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 69.05 Mbit/s
95th percentile per-packet one-way delay: 152.055 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 151.250 ms
Loss rate: 1.96%
-- Flow 3:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 150.739 ms
Loss rate: 2.95%
```

Run 6: Report of CalibratedKoho — Data Link

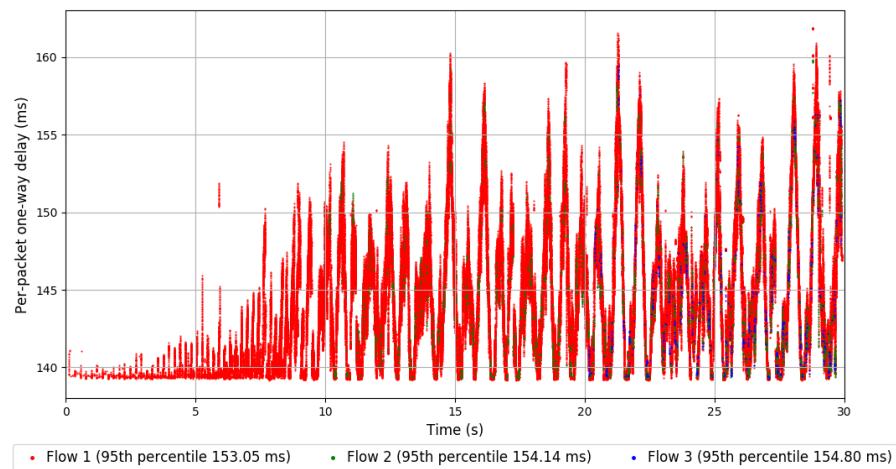
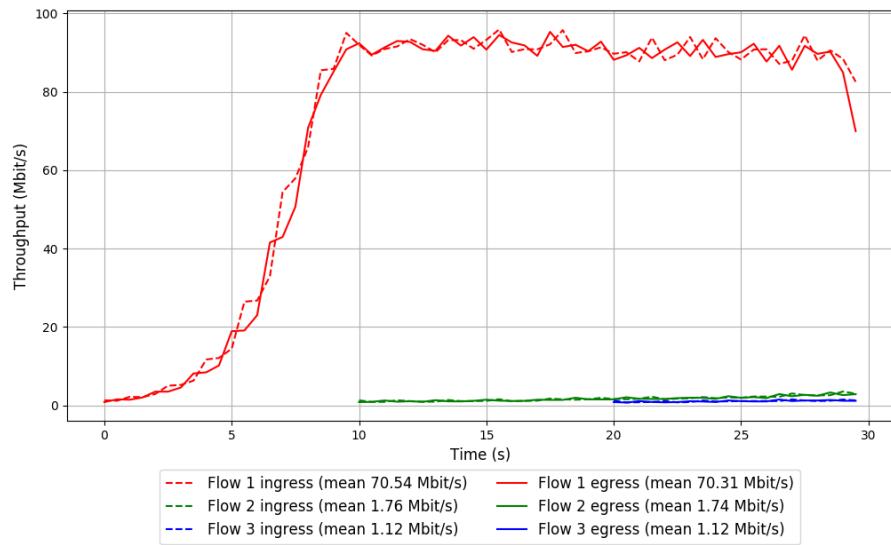


Run 7: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 01:15:36 +0000
End at: Mon, 10 Jul 2017 01:16:06 +0000
Local clock offset: -0.364 ms
Remote clock offset: -1.76 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:24 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.83 Mbit/s
95th percentile per-packet one-way delay: 153.085 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 70.31 Mbit/s
95th percentile per-packet one-way delay: 153.047 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 154.138 ms
Loss rate: 1.99%
-- Flow 3:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 154.798 ms
Loss rate: 2.70%
```

Run 7: Report of CalibratedKoho — Data Link

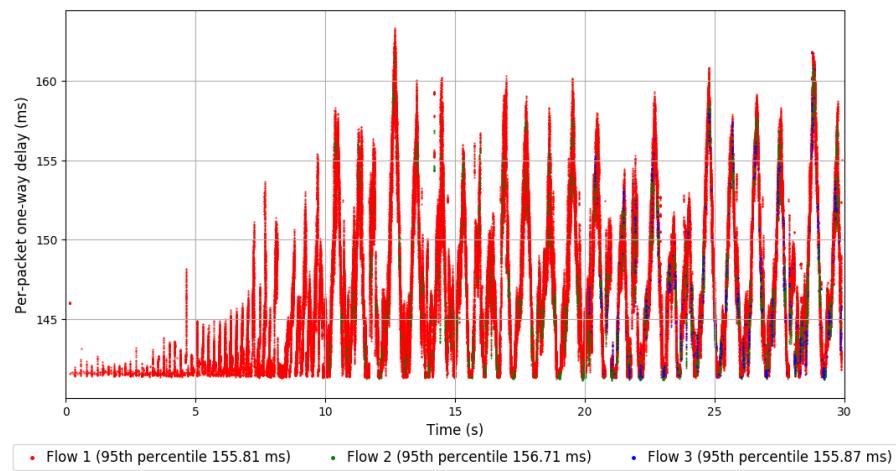
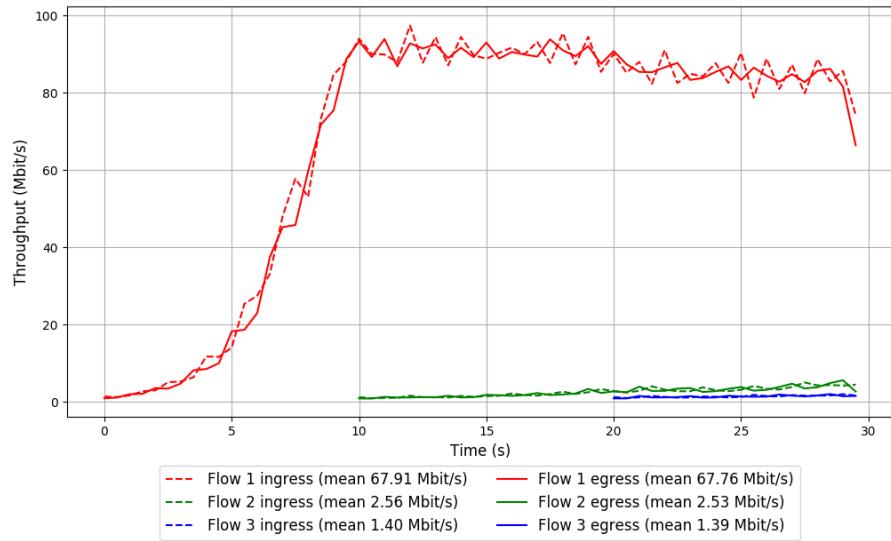


Run 8: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 01:35:31 +0000
End at: Mon, 10 Jul 2017 01:36:02 +0000
Local clock offset: -0.577 ms
Remote clock offset: -0.103 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.89 Mbit/s
95th percentile per-packet one-way delay: 155.841 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 67.76 Mbit/s
95th percentile per-packet one-way delay: 155.814 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 156.714 ms
Loss rate: 2.00%
-- Flow 3:
Average throughput: 1.39 Mbit/s
95th percentile per-packet one-way delay: 155.871 ms
Loss rate: 2.77%
```

Run 8: Report of CalibratedKoho — Data Link

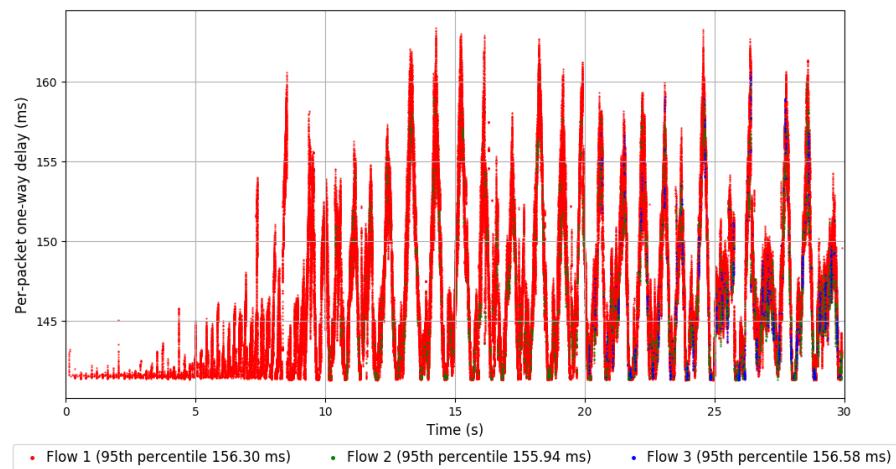
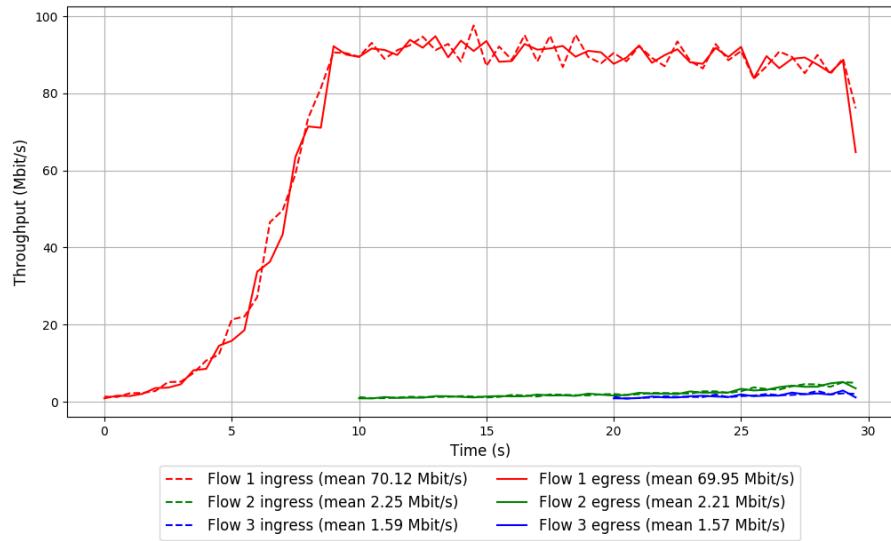


Run 9: Statistics of CalibratedKoho

```
Start at: Mon, 10 Jul 2017 01:55:29 +0000
End at: Mon, 10 Jul 2017 01:55:59 +0000
Local clock offset: 0.166 ms
Remote clock offset: -0.123 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.93 Mbit/s
95th percentile per-packet one-way delay: 156.293 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 69.95 Mbit/s
95th percentile per-packet one-way delay: 156.300 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 155.935 ms
Loss rate: 2.63%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 156.579 ms
Loss rate: 3.35%
```

Run 9: Report of CalibratedKoho — Data Link

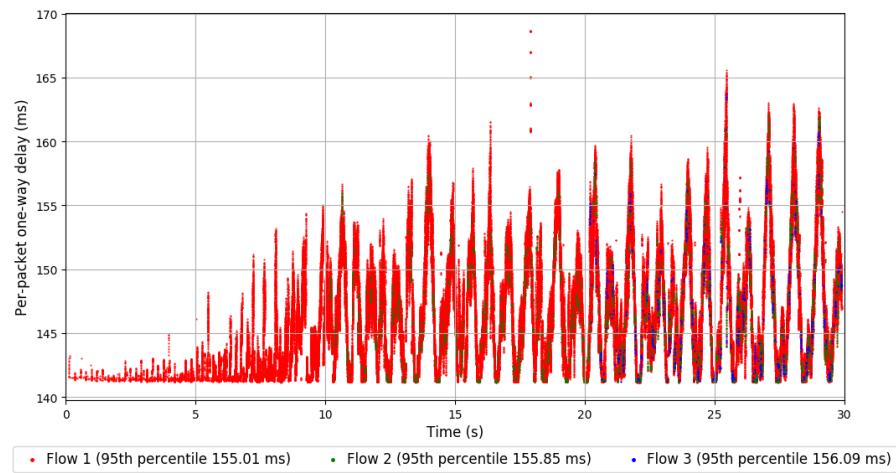
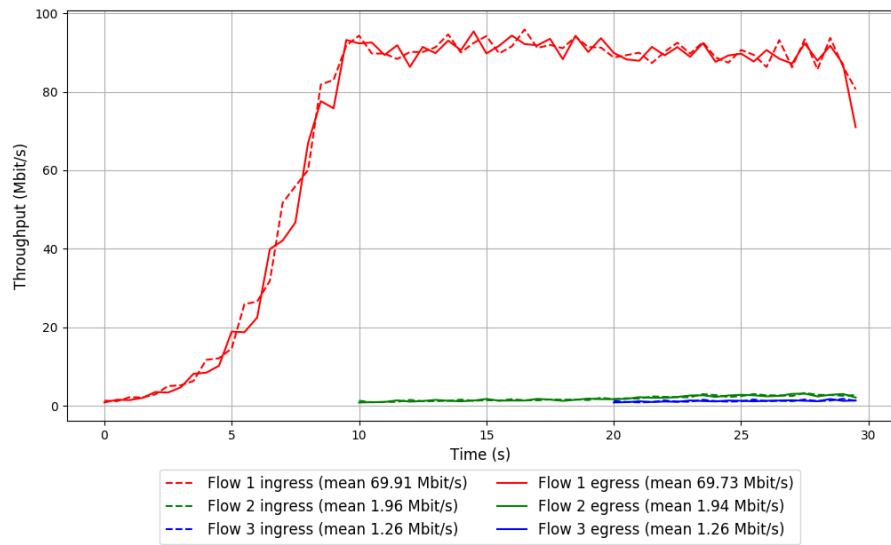


```
Run 10: Statistics of CalibratedKoho

Start at: Mon, 10 Jul 2017 02:15:21 +0000
End at: Mon, 10 Jul 2017 02:15:51 +0000
Local clock offset: 0.3 ms
Remote clock offset: -0.353 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:38 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.42 Mbit/s
95th percentile per-packet one-way delay: 155.034 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 69.73 Mbit/s
95th percentile per-packet one-way delay: 155.007 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 155.851 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 156.089 ms
Loss rate: 2.39%
```

Run 10: Report of CalibratedKoho — Data Link

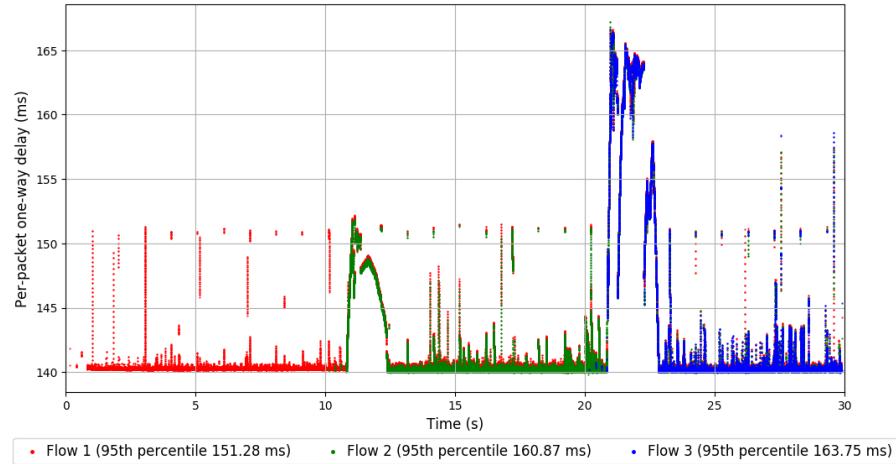
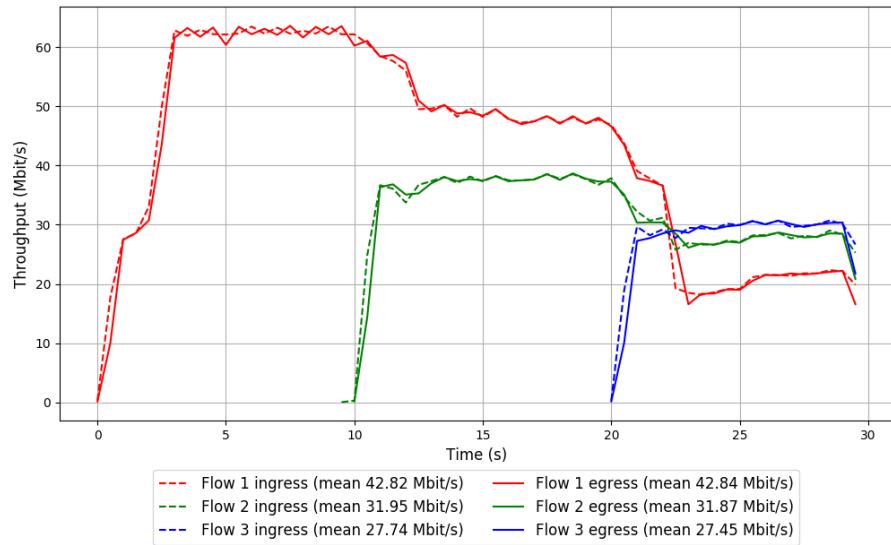


Run 1: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 23:31:46 +0000
End at: Sun, 09 Jul 2017 23:32:16 +0000
Local clock offset: -0.4 ms
Remote clock offset: -1.038 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.97 Mbit/s
95th percentile per-packet one-way delay: 159.469 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 42.84 Mbit/s
95th percentile per-packet one-way delay: 151.279 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 160.868 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 27.45 Mbit/s
95th percentile per-packet one-way delay: 163.745 ms
Loss rate: 3.10%
```

Run 1: Report of Copa — Data Link

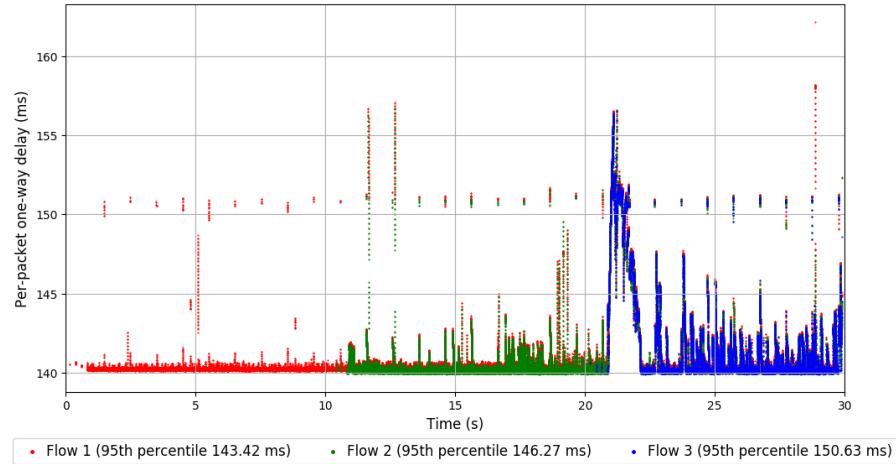
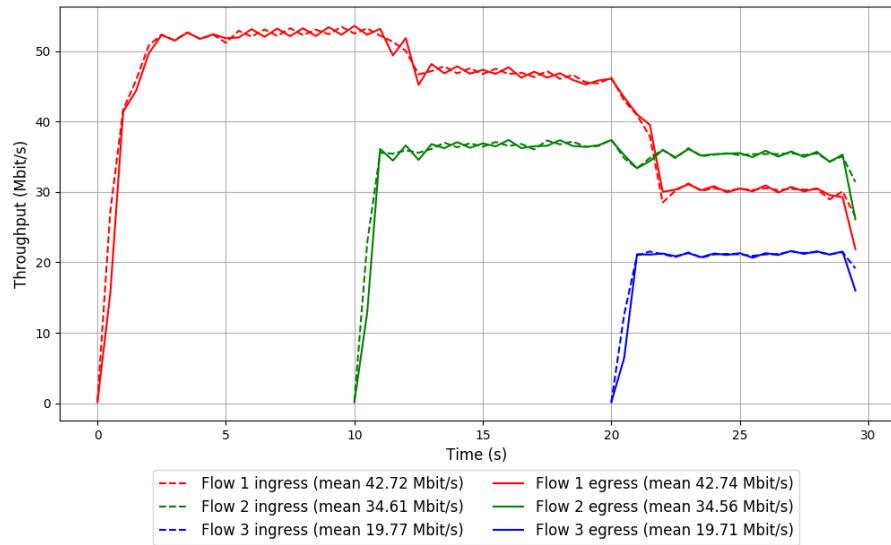


Run 2: Statistics of Copa

```
Start at: Sun, 09 Jul 2017 23:51:41 +0000
End at: Sun, 09 Jul 2017 23:52:11 +0000
Local clock offset: -0.596 ms
Remote clock offset: -1.12 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:02:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.11 Mbit/s
95th percentile per-packet one-way delay: 145.480 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 42.74 Mbit/s
95th percentile per-packet one-way delay: 143.422 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 146.266 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 150.634 ms
Loss rate: 2.39%
```

Run 2: Report of Copa — Data Link

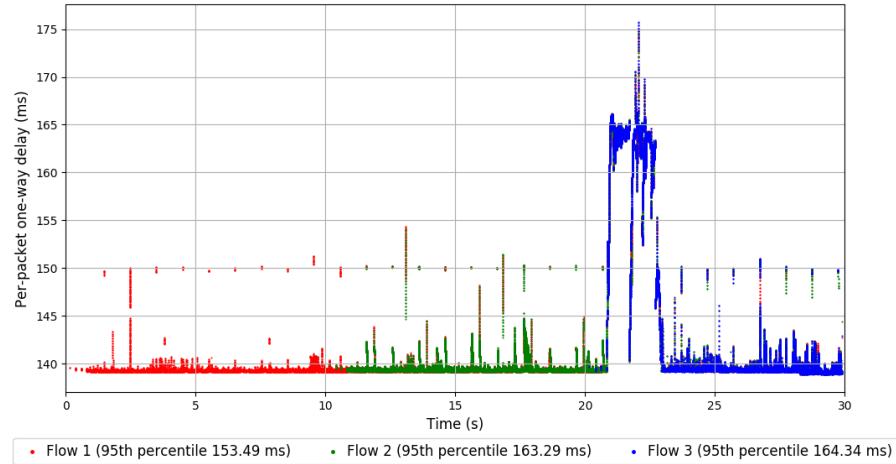
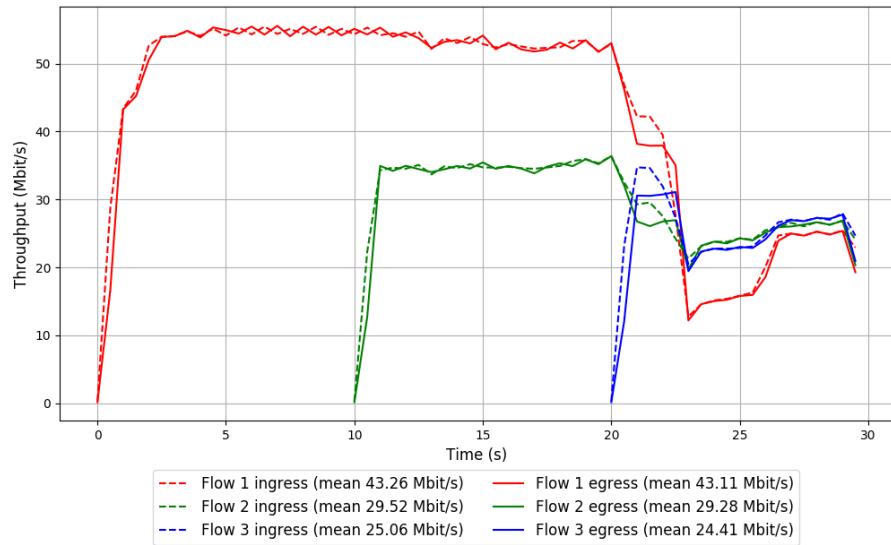


Run 3: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:11:38 +0000
End at: Mon, 10 Jul 2017 00:12:08 +0000
Local clock offset: -0.607 ms
Remote clock offset: -1.969 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:03:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.53 Mbit/s
95th percentile per-packet one-way delay: 163.223 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 43.11 Mbit/s
95th percentile per-packet one-way delay: 153.486 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 163.286 ms
Loss rate: 1.82%
-- Flow 3:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 164.339 ms
Loss rate: 4.65%
```

Run 3: Report of Copa — Data Link

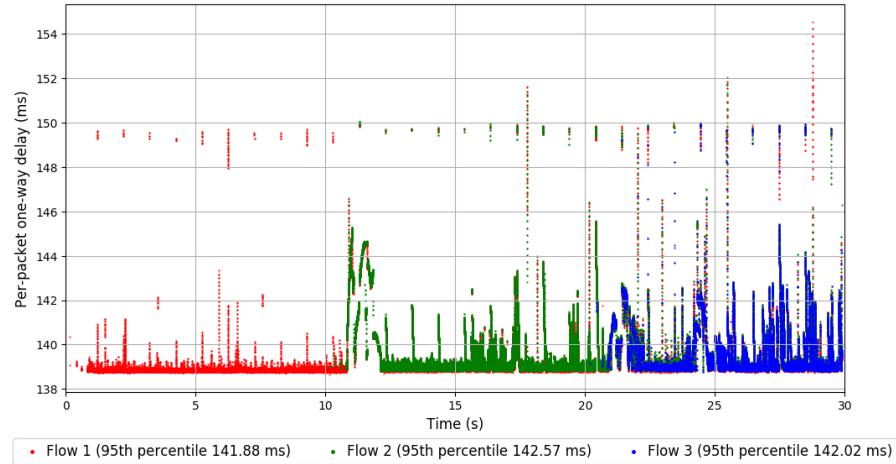
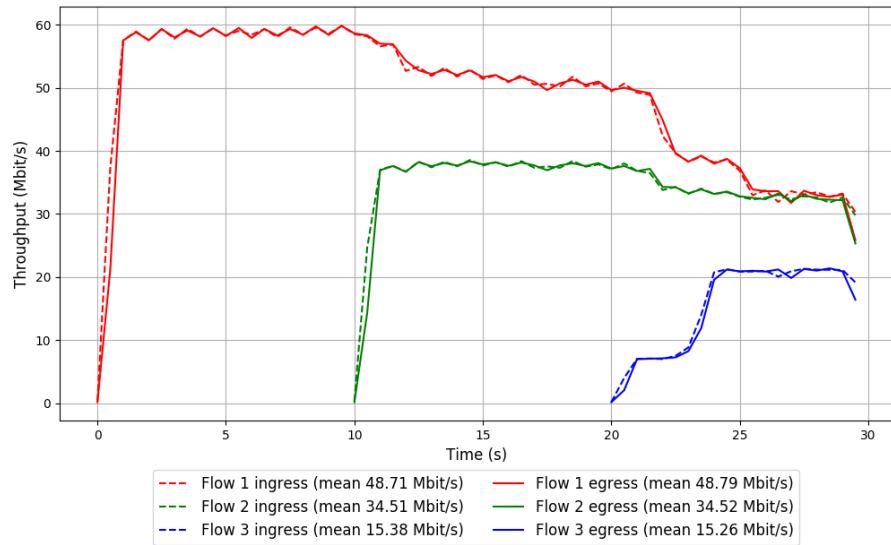


Run 4: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:31:38 +0000
End at: Mon, 10 Jul 2017 00:32:08 +0000
Local clock offset: 0.585 ms
Remote clock offset: -2.265 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:03:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.68 Mbit/s
95th percentile per-packet one-way delay: 142.162 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 48.79 Mbit/s
95th percentile per-packet one-way delay: 141.875 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 34.52 Mbit/s
95th percentile per-packet one-way delay: 142.570 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 142.024 ms
Loss rate: 2.91%
```

Run 4: Report of Copa — Data Link

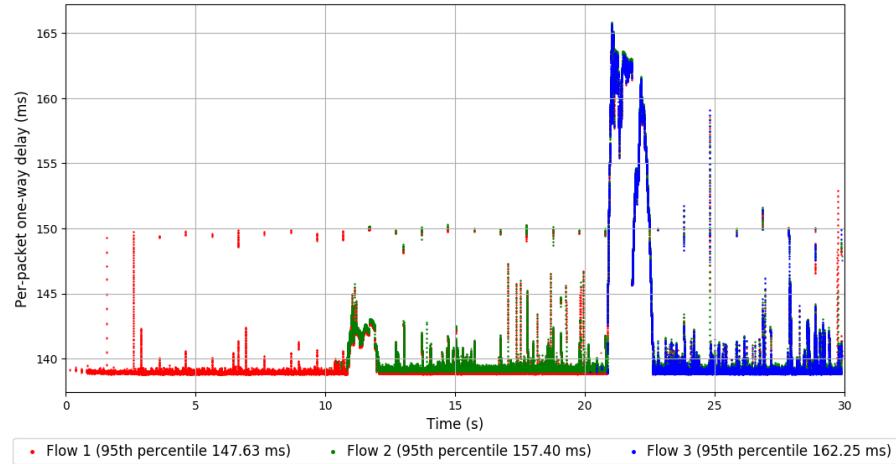
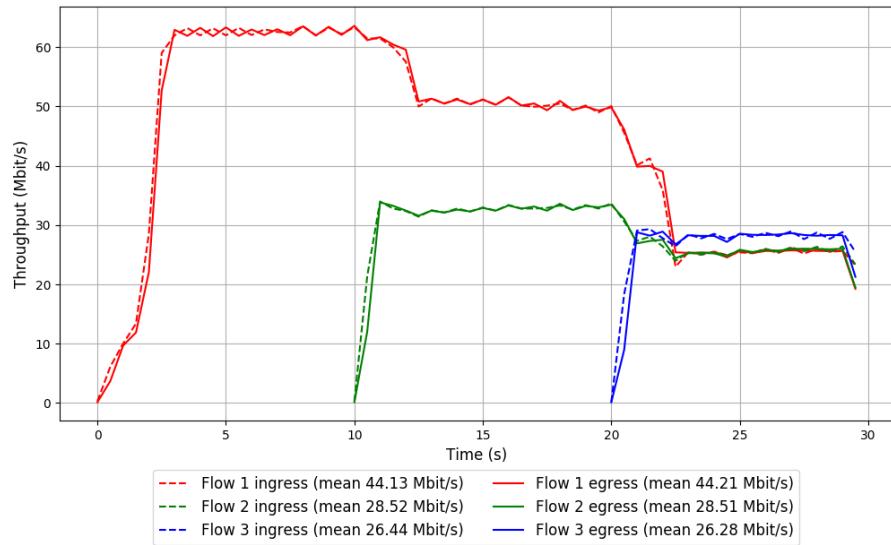


Run 5: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 00:51:42 +0000
End at: Mon, 10 Jul 2017 00:52:12 +0000
Local clock offset: 0.807 ms
Remote clock offset: -2.286 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:03:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 71.69 Mbit/s
95th percentile per-packet one-way delay: 156.114 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 44.21 Mbit/s
95th percentile per-packet one-way delay: 147.633 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 28.51 Mbit/s
95th percentile per-packet one-way delay: 157.397 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 26.28 Mbit/s
95th percentile per-packet one-way delay: 162.249 ms
Loss rate: 2.64%
```

Run 5: Report of Copa — Data Link

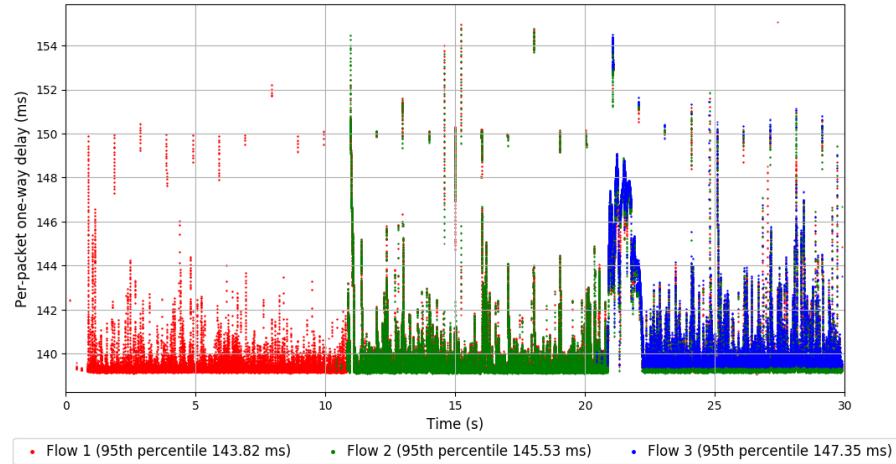
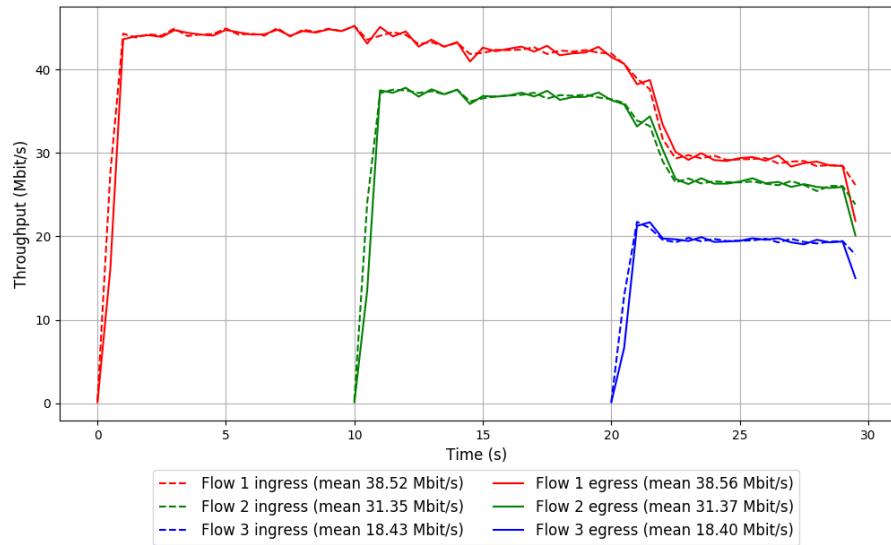


Run 6: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:11:33 +0000
End at: Mon, 10 Jul 2017 01:12:03 +0000
Local clock offset: -0.407 ms
Remote clock offset: -1.873 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:03:31 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.39 Mbit/s
95th percentile per-packet one-way delay: 144.827 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 38.56 Mbit/s
95th percentile per-packet one-way delay: 143.818 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: 145.529 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 18.40 Mbit/s
95th percentile per-packet one-way delay: 147.348 ms
Loss rate: 2.31%
```

Run 6: Report of Copa — Data Link

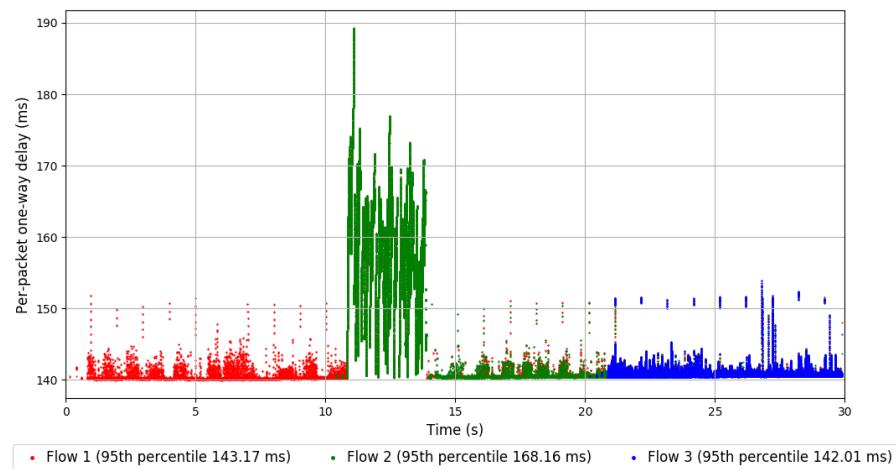
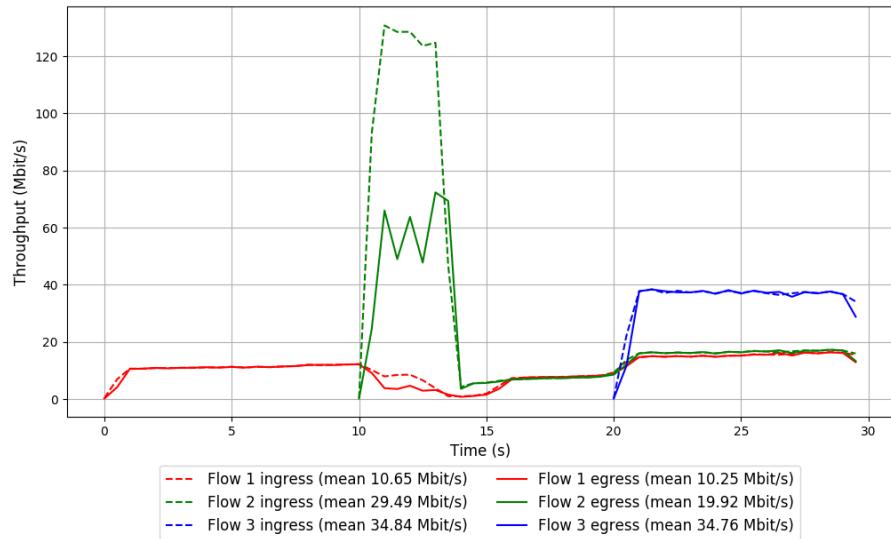


Run 7: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:31:33 +0000
End at: Mon, 10 Jul 2017 01:32:03 +0000
Local clock offset: -0.59 ms
Remote clock offset: -1.096 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:03:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.82 Mbit/s
95th percentile per-packet one-way delay: 162.875 ms
Loss rate: 17.34%
-- Flow 1:
Average throughput: 10.25 Mbit/s
95th percentile per-packet one-way delay: 143.167 ms
Loss rate: 4.44%
-- Flow 2:
Average throughput: 19.92 Mbit/s
95th percentile per-packet one-way delay: 168.162 ms
Loss rate: 33.17%
-- Flow 3:
Average throughput: 34.76 Mbit/s
95th percentile per-packet one-way delay: 142.010 ms
Loss rate: 2.33%
```

Run 7: Report of Copa — Data Link

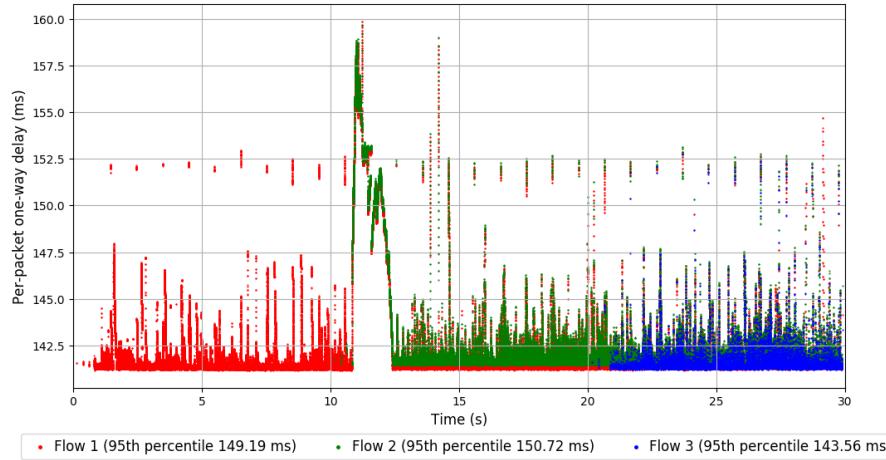
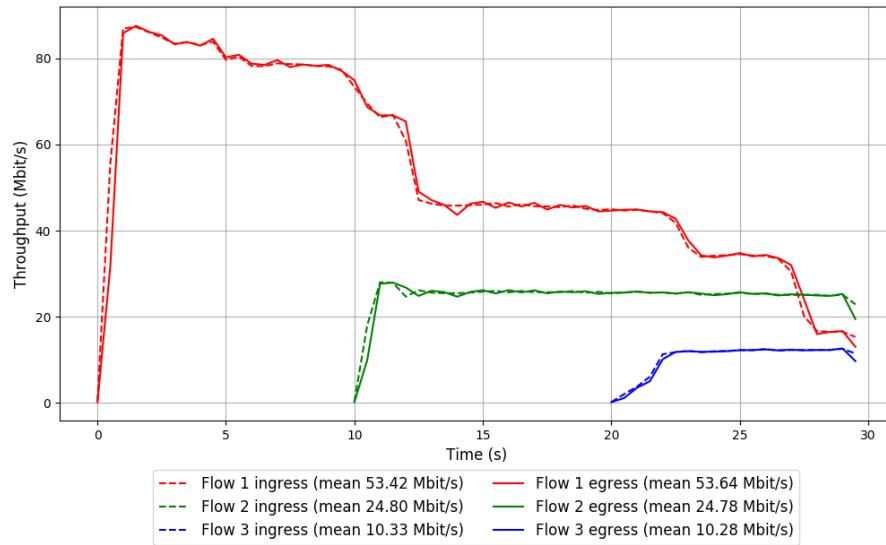


Run 8: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 01:51:29 +0000
End at: Mon, 10 Jul 2017 01:51:59 +0000
Local clock offset: 0.23 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:03:49 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.44 Mbit/s
95th percentile per-packet one-way delay: 149.581 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 53.64 Mbit/s
95th percentile per-packet one-way delay: 149.191 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 24.78 Mbit/s
95th percentile per-packet one-way delay: 150.718 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 10.28 Mbit/s
95th percentile per-packet one-way delay: 143.565 ms
Loss rate: 2.58%
```

Run 8: Report of Copa — Data Link

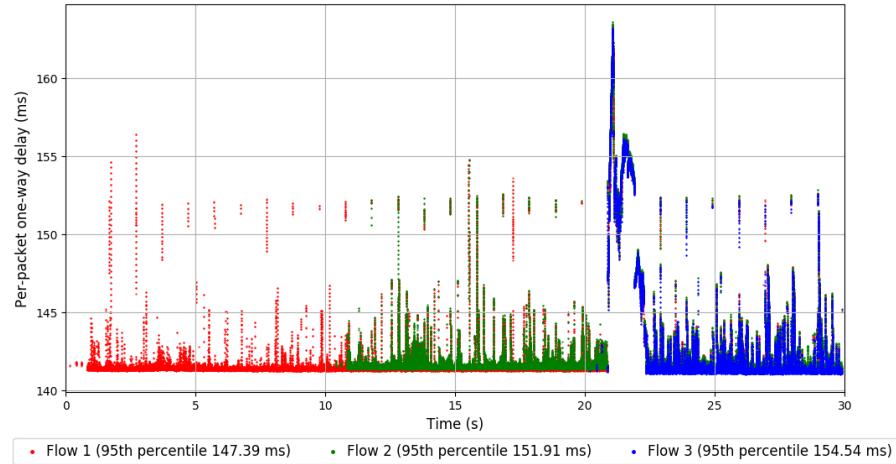
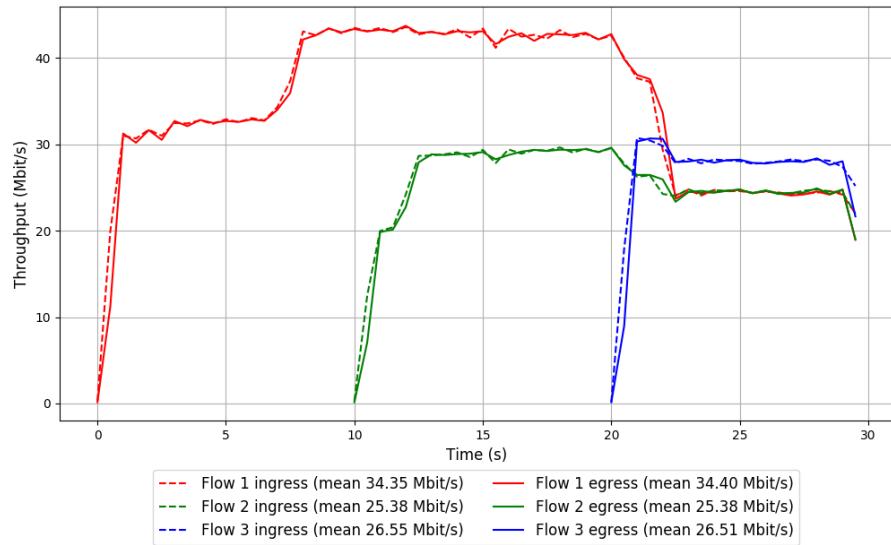


Run 9: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 02:11:24 +0000
End at: Mon, 10 Jul 2017 02:11:54 +0000
Local clock offset: -0.832 ms
Remote clock offset: 4.794 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:03:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 151.766 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 147.392 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 25.38 Mbit/s
95th percentile per-packet one-way delay: 151.911 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 154.539 ms
Loss rate: 2.25%
```

Run 9: Report of Copa — Data Link

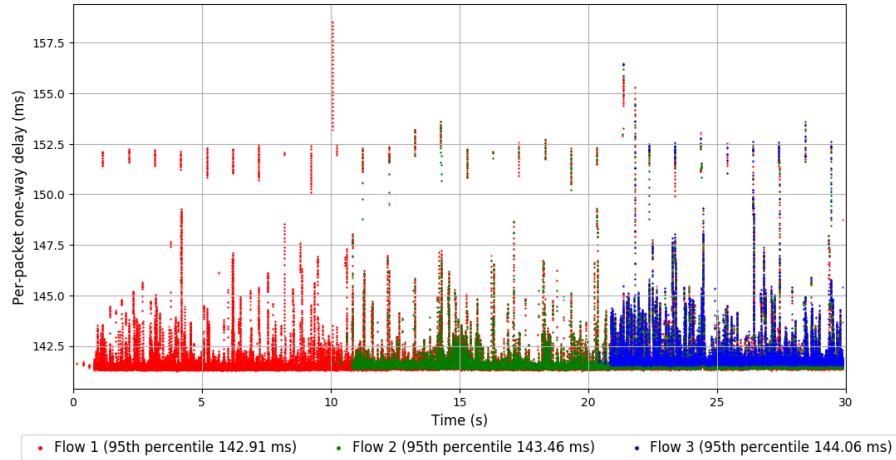
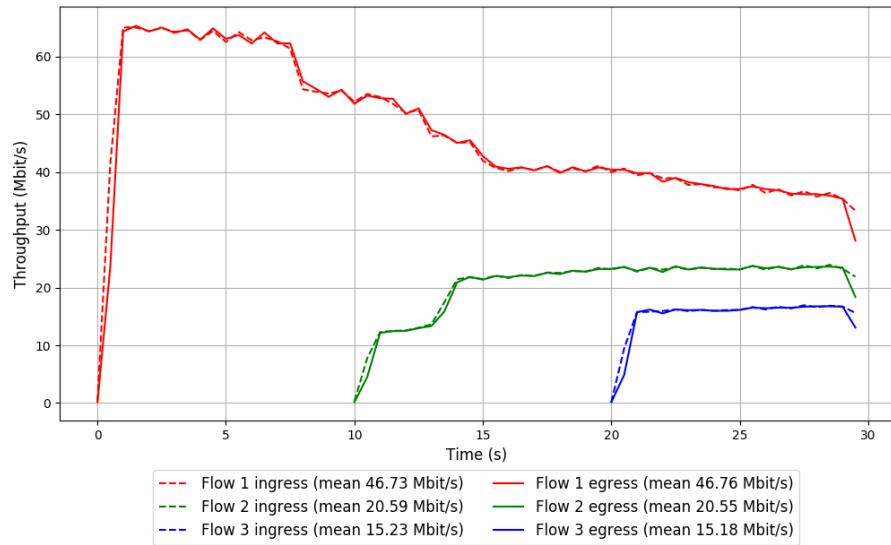


Run 10: Statistics of Copa

```
Start at: Mon, 10 Jul 2017 02:31:10 +0000
End at: Mon, 10 Jul 2017 02:31:40 +0000
Local clock offset: -0.989 ms
Remote clock offset: -0.242 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 143.162 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 46.76 Mbit/s
95th percentile per-packet one-way delay: 142.914 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 20.55 Mbit/s
95th percentile per-packet one-way delay: 143.461 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 15.18 Mbit/s
95th percentile per-packet one-way delay: 144.055 ms
Loss rate: 2.42%
```

Run 10: Report of Copa — Data Link

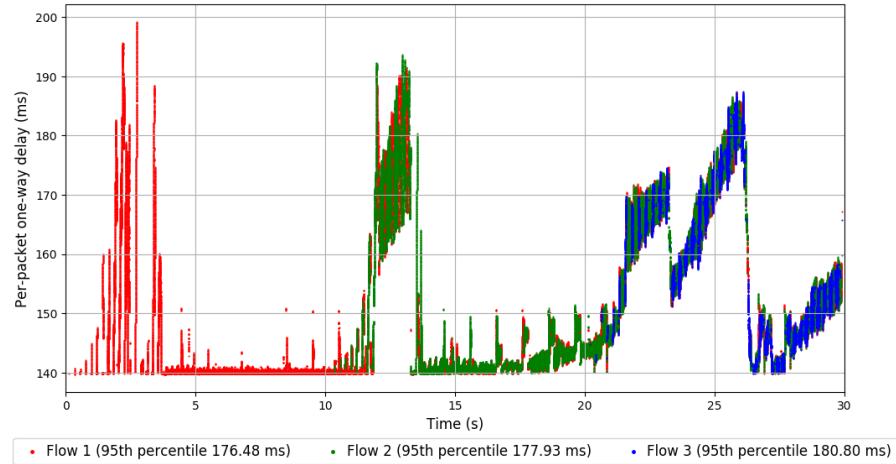
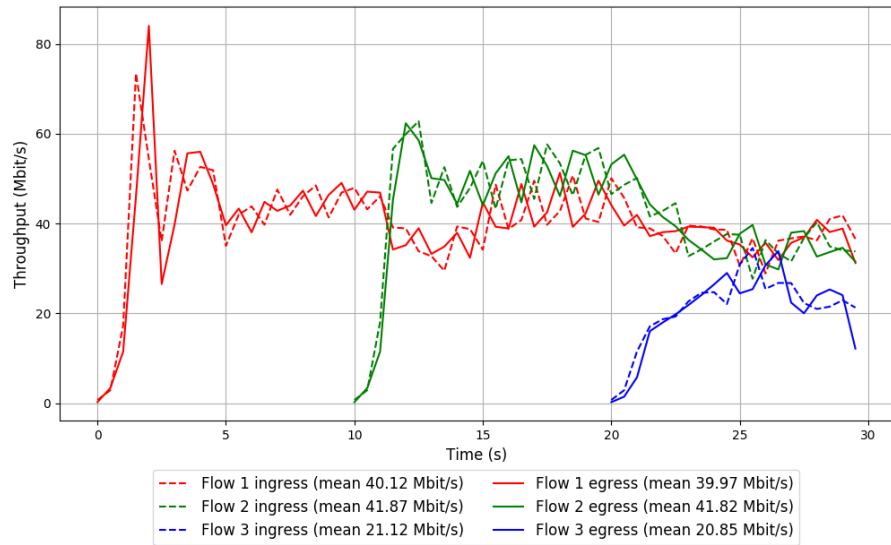


```
Run 1: Statistics of TCP Cubic
```

```
Start at: Sun, 09 Jul 2017 23:24:55 +0000
End at: Sun, 09 Jul 2017 23:25:25 +0000
Local clock offset: 0.671 ms
Remote clock offset: -1.228 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.53 Mbit/s
95th percentile per-packet one-way delay: 177.811 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 39.97 Mbit/s
95th percentile per-packet one-way delay: 176.480 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 41.82 Mbit/s
95th percentile per-packet one-way delay: 177.934 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 20.85 Mbit/s
95th percentile per-packet one-way delay: 180.803 ms
Loss rate: 3.07%
```

Run 1: Report of TCP Cubic — Data Link

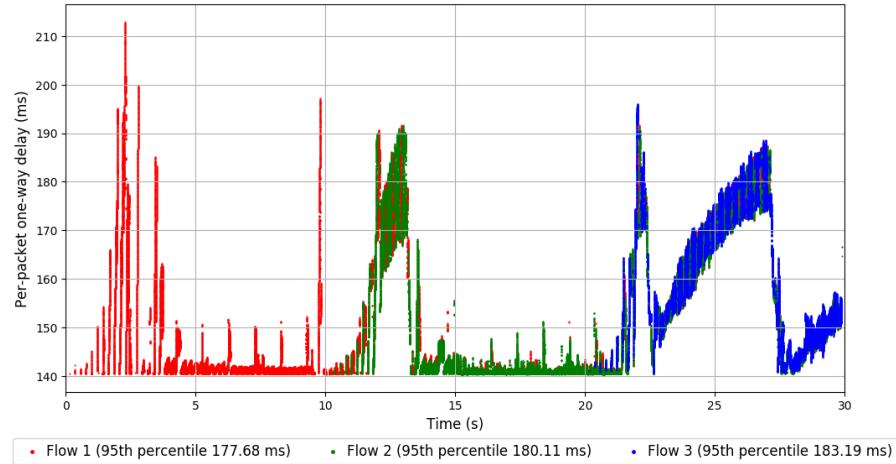
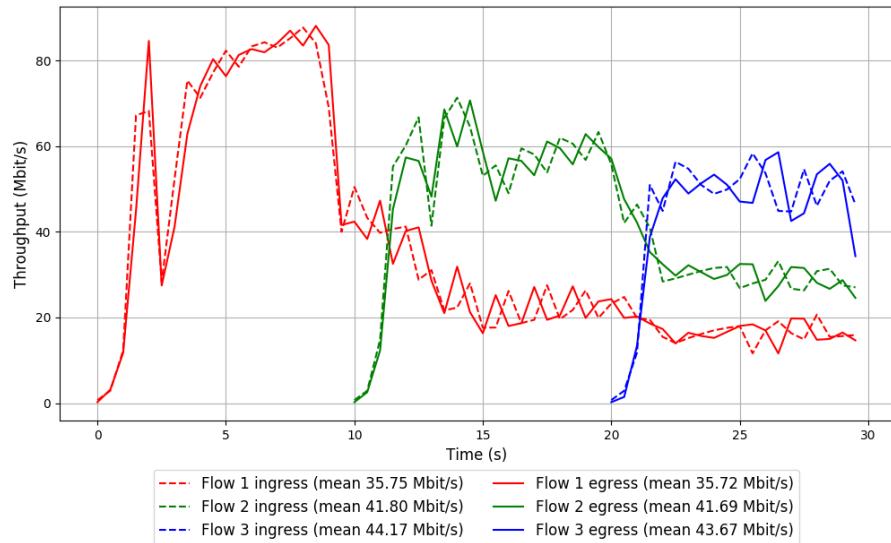


Run 2: Statistics of TCP Cubic

```
Start at: Sun, 09 Jul 2017 23:44:50 +0000
End at: Sun, 09 Jul 2017 23:45:20 +0000
Local clock offset: 0.8 ms
Remote clock offset: -0.694 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 180.245 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 177.684 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 180.111 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 43.67 Mbit/s
95th percentile per-packet one-way delay: 183.195 ms
Loss rate: 3.28%
```

Run 2: Report of TCP Cubic — Data Link

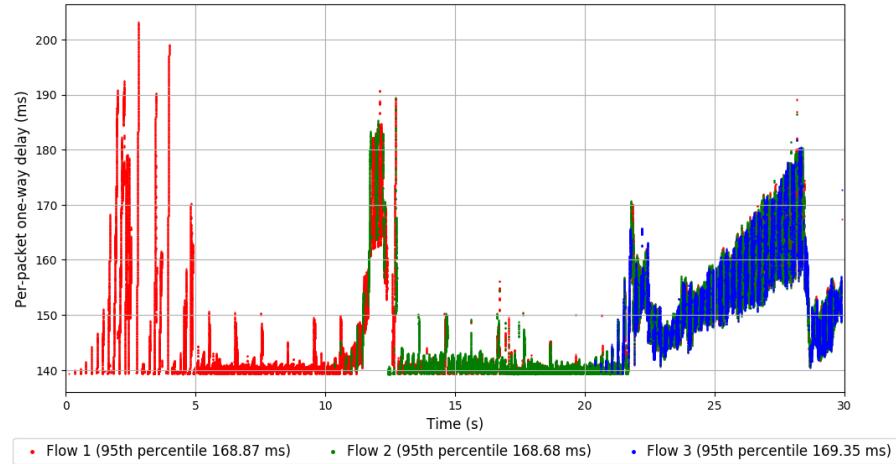
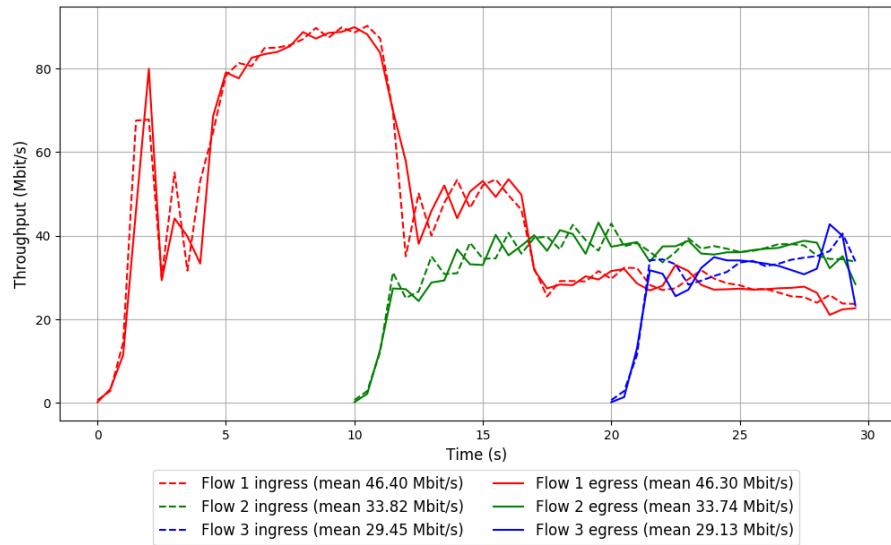


Run 3: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:04:48 +0000
End at: Mon, 10 Jul 2017 00:05:18 +0000
Local clock offset: 0.847 ms
Remote clock offset: -1.864 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.19 Mbit/s
95th percentile per-packet one-way delay: 168.909 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 46.30 Mbit/s
95th percentile per-packet one-way delay: 168.871 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 33.74 Mbit/s
95th percentile per-packet one-way delay: 168.675 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 29.13 Mbit/s
95th percentile per-packet one-way delay: 169.347 ms
Loss rate: 3.15%
```

Run 3: Report of TCP Cubic — Data Link

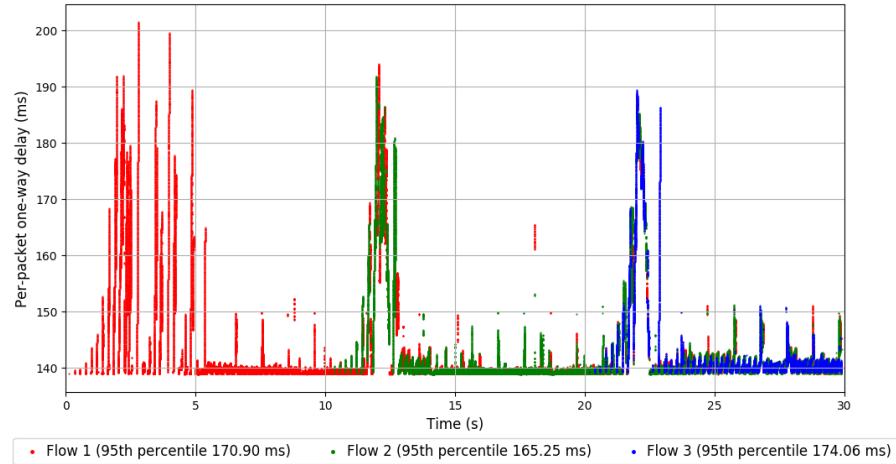
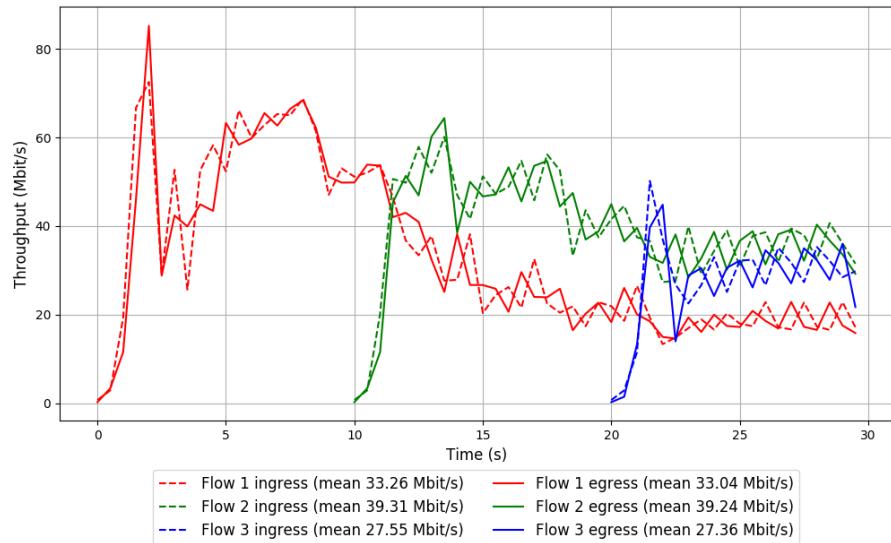


Run 4: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:24:42 +0000
End at: Mon, 10 Jul 2017 00:25:12 +0000
Local clock offset: -0.493 ms
Remote clock offset: -2.201 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.02 Mbit/s
95th percentile per-packet one-way delay: 168.818 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 170.898 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 39.24 Mbit/s
95th percentile per-packet one-way delay: 165.247 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 27.36 Mbit/s
95th percentile per-packet one-way delay: 174.058 ms
Loss rate: 2.82%
```

Run 4: Report of TCP Cubic — Data Link

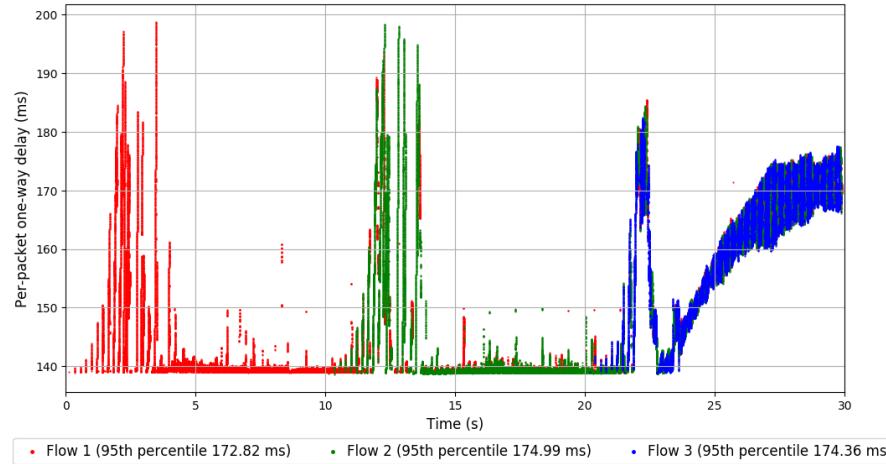
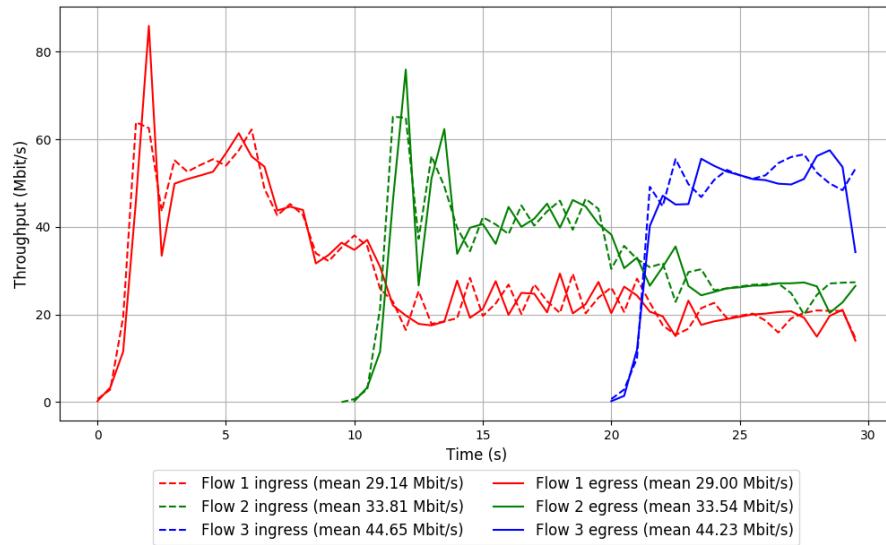


Run 5: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 00:44:57 +0000
End at: Mon, 10 Jul 2017 00:45:27 +0000
Local clock offset: -0.647 ms
Remote clock offset: -2.303 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.69 Mbit/s
95th percentile per-packet one-way delay: 174.153 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 29.00 Mbit/s
95th percentile per-packet one-way delay: 172.823 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 174.987 ms
Loss rate: 2.01%
-- Flow 3:
Average throughput: 44.23 Mbit/s
95th percentile per-packet one-way delay: 174.357 ms
Loss rate: 3.36%
```

Run 5: Report of TCP Cubic — Data Link

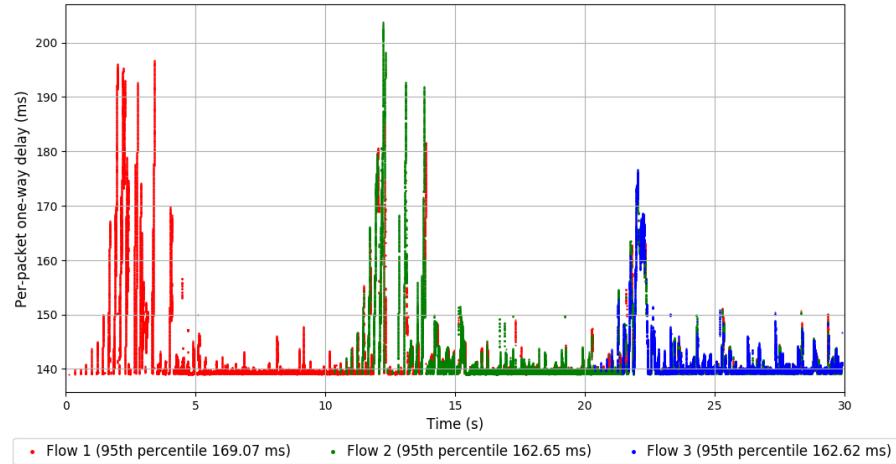
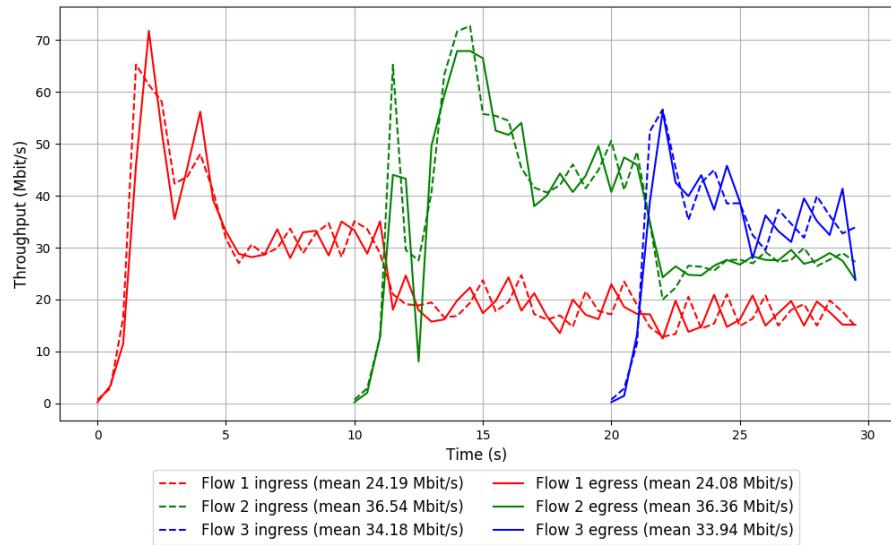


Run 6: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:04:48 +0000
End at: Mon, 10 Jul 2017 01:05:18 +0000
Local clock offset: -0.612 ms
Remote clock offset: -2.009 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:30 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 165.045 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 169.070 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 36.36 Mbit/s
95th percentile per-packet one-way delay: 162.650 ms
Loss rate: 1.57%
-- Flow 3:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 162.624 ms
Loss rate: 2.77%
```

Run 6: Report of TCP Cubic — Data Link

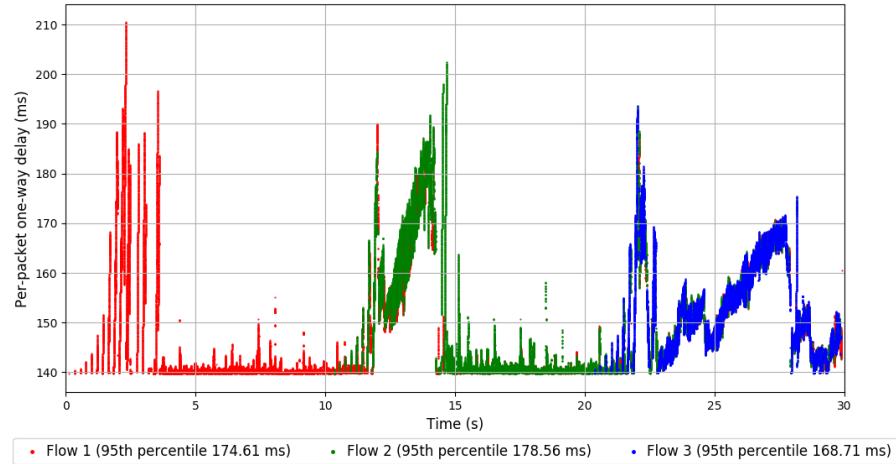
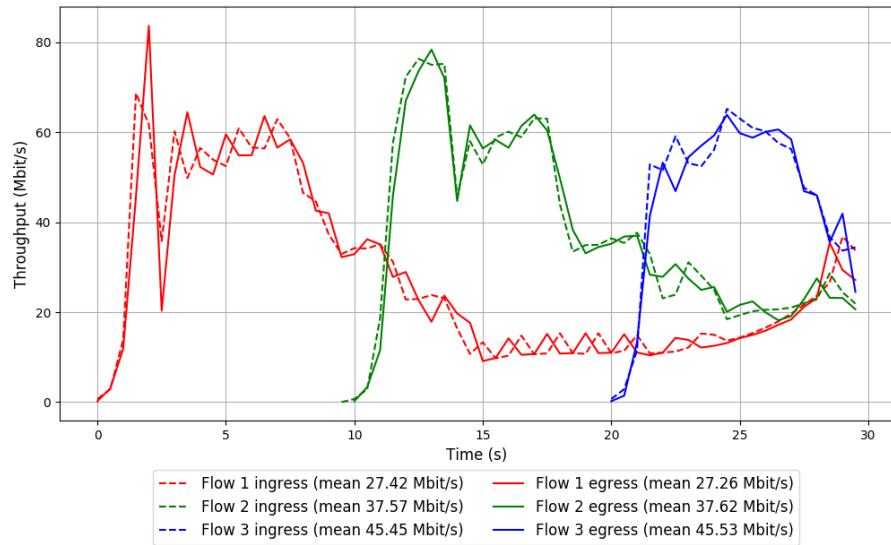


Run 7: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:24:50 +0000
End at: Mon, 10 Jul 2017 01:25:20 +0000
Local clock offset: -0.445 ms
Remote clock offset: -1.674 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.05 Mbit/s
95th percentile per-packet one-way delay: 175.116 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 174.614 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 178.560 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 168.706 ms
Loss rate: 2.02%
```

Run 7: Report of TCP Cubic — Data Link

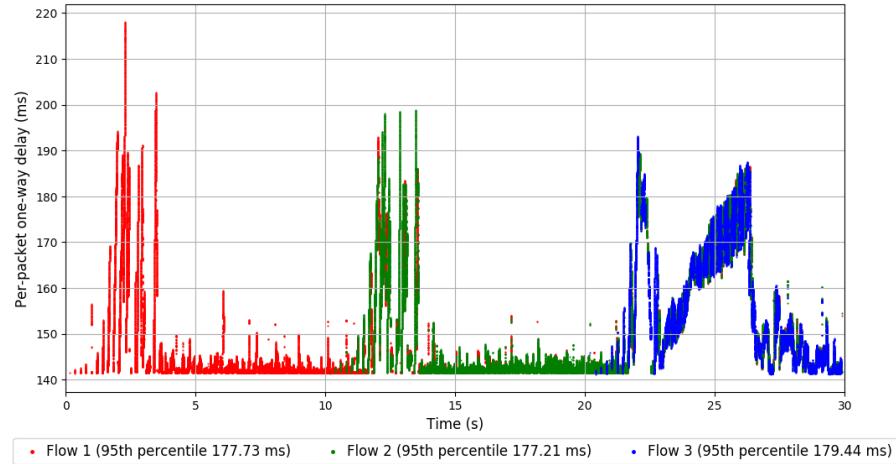
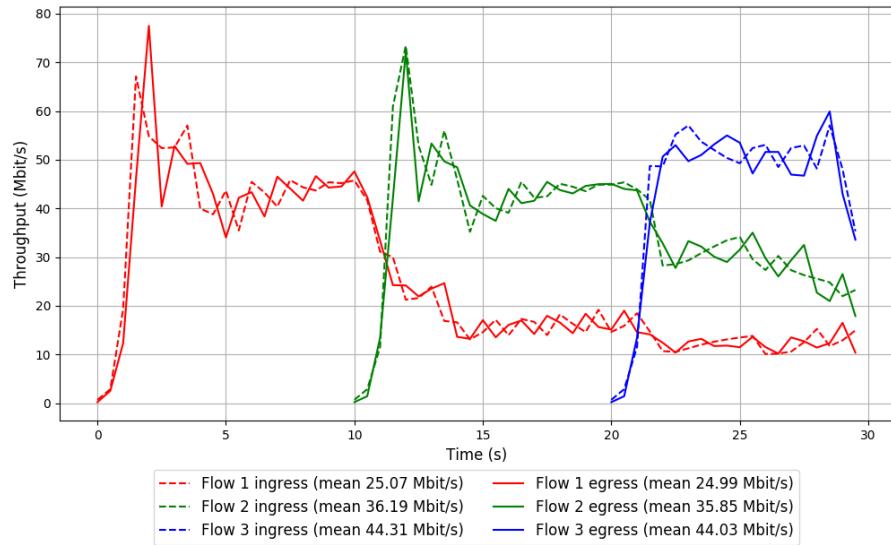


Run 8: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 01:44:46 +0000
End at: Mon, 10 Jul 2017 01:45:16 +0000
Local clock offset: -0.887 ms
Remote clock offset: -0.135 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.12 Mbit/s
95th percentile per-packet one-way delay: 178.066 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 24.99 Mbit/s
95th percentile per-packet one-way delay: 177.730 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 35.85 Mbit/s
95th percentile per-packet one-way delay: 177.208 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 44.03 Mbit/s
95th percentile per-packet one-way delay: 179.444 ms
Loss rate: 2.77%
```

Run 8: Report of TCP Cubic — Data Link

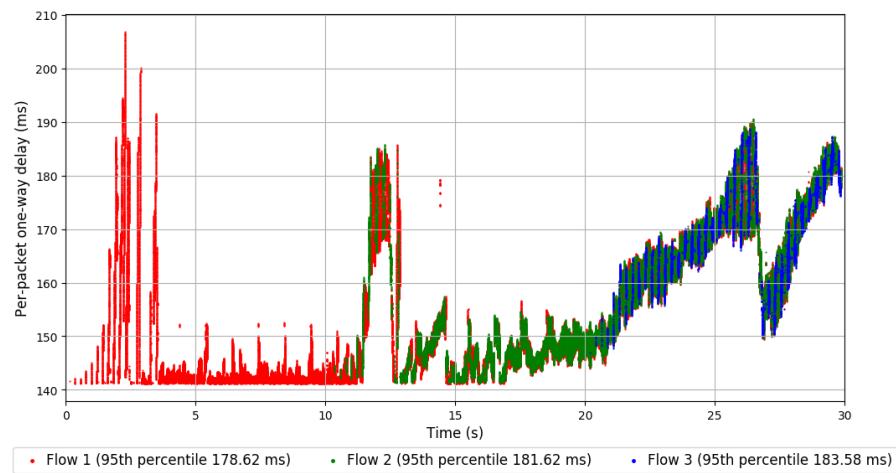
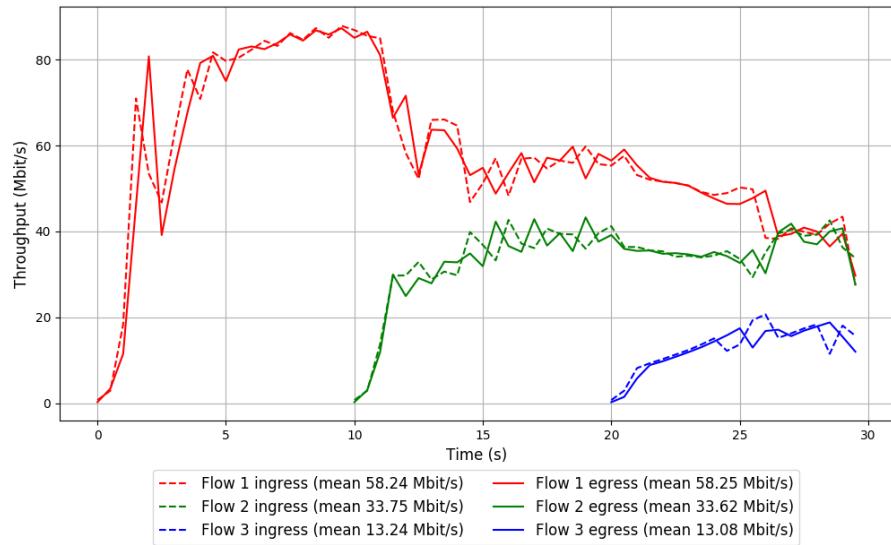


Run 9: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 02:04:33 +0000
End at: Mon, 10 Jul 2017 02:05:03 +0000
Local clock offset: -0.825 ms
Remote clock offset: -0.297 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 180.298 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 58.25 Mbit/s
95th percentile per-packet one-way delay: 178.618 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 181.622 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 183.576 ms
Loss rate: 3.52%
```

Run 9: Report of TCP Cubic — Data Link

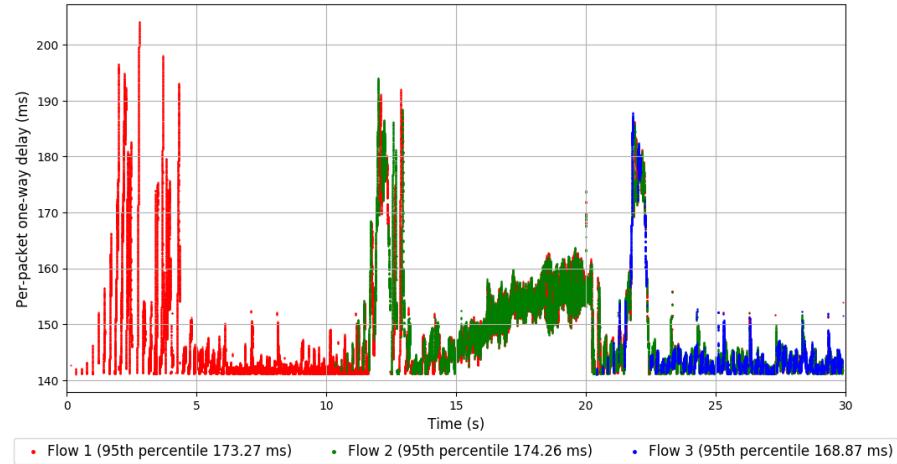
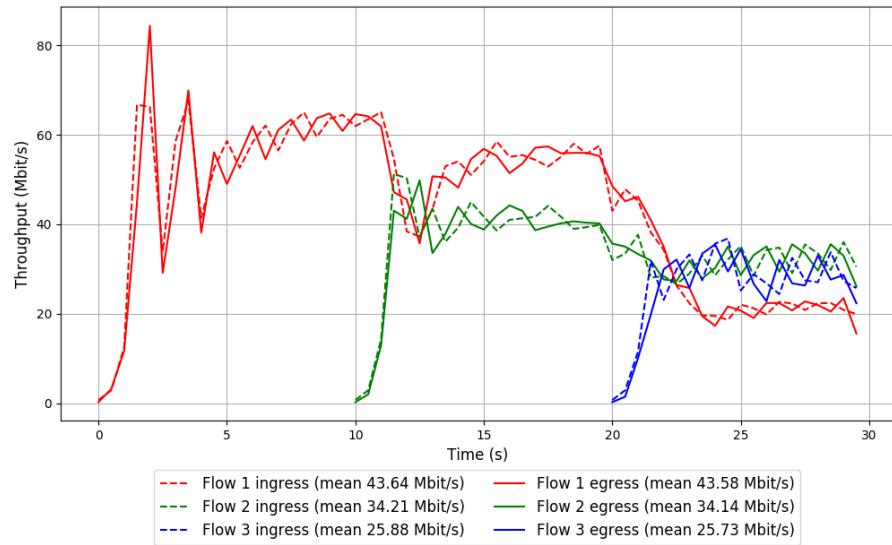


Run 10: Statistics of TCP Cubic

```
Start at: Mon, 10 Jul 2017 02:24:26 +0000
End at: Mon, 10 Jul 2017 02:24:56 +0000
Local clock offset: -0.915 ms
Remote clock offset: -0.469 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.60 Mbit/s
95th percentile per-packet one-way delay: 173.473 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 43.58 Mbit/s
95th percentile per-packet one-way delay: 173.266 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 34.14 Mbit/s
95th percentile per-packet one-way delay: 174.260 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 25.73 Mbit/s
95th percentile per-packet one-way delay: 168.867 ms
Loss rate: 2.65%
```

Run 10: Report of TCP Cubic — Data Link

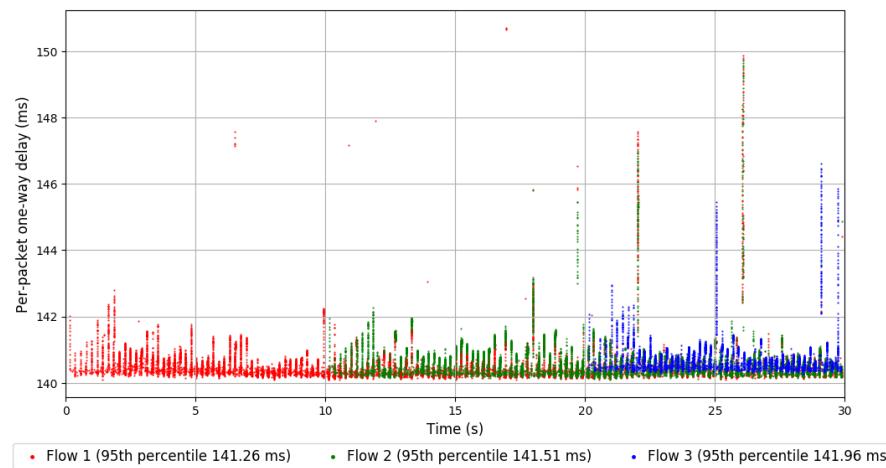
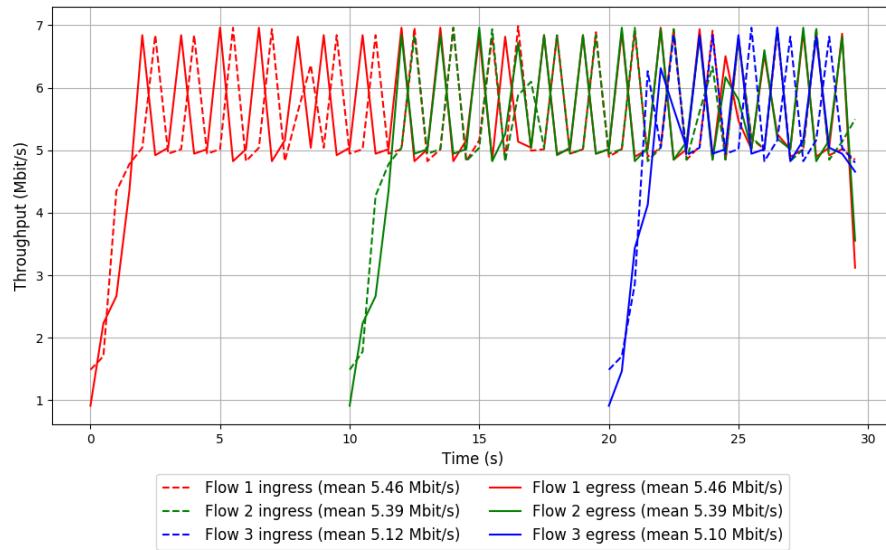


```
Run 1: Statistics of KohoCC
```

```
Start at: Sun, 09 Jul 2017 23:33:12 +0000
End at: Sun, 09 Jul 2017 23:33:42 +0000
Local clock offset: -0.585 ms
Remote clock offset: -0.958 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 141.426 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 141.256 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 141.510 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 5.10 Mbit/s
95th percentile per-packet one-way delay: 141.960 ms
Loss rate: 2.37%
```

Run 1: Report of KohoCC — Data Link

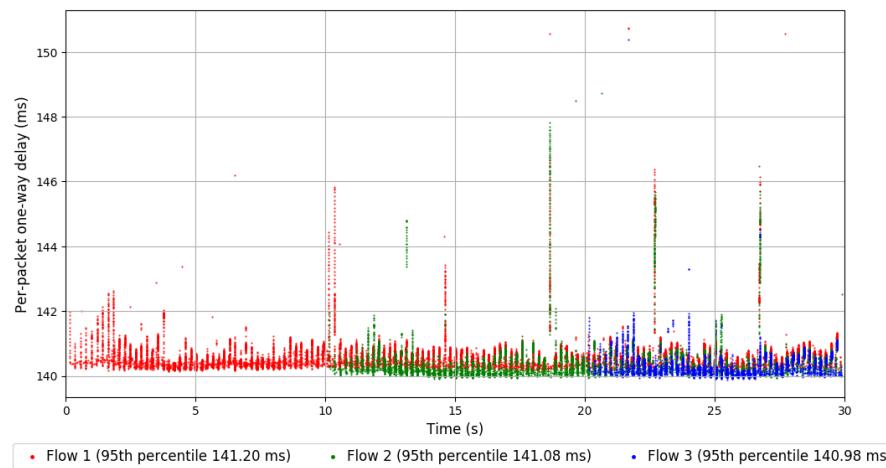
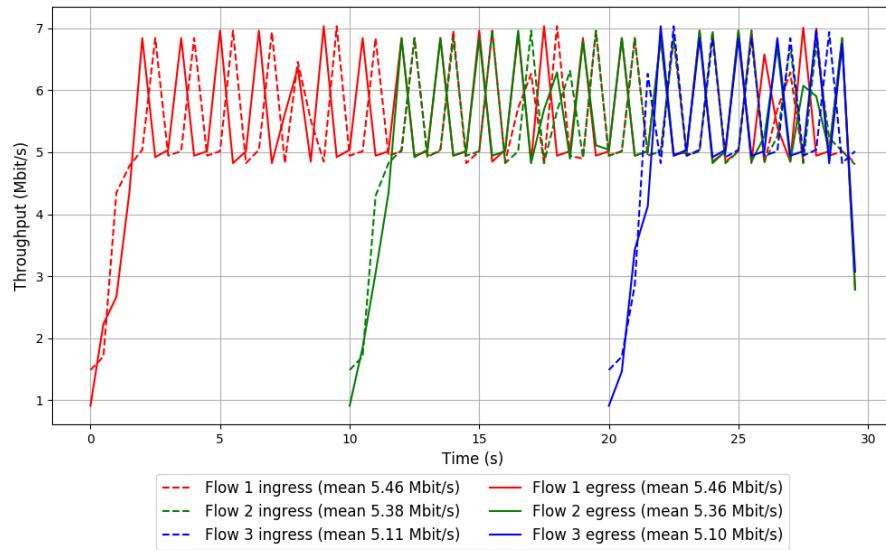


Run 2: Statistics of KohoCC

```
Start at: Sun, 09 Jul 2017 23:53:07 +0000
End at: Sun, 09 Jul 2017 23:53:37 +0000
Local clock offset: 0.49 ms
Remote clock offset: -1.164 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.68 Mbit/s
95th percentile per-packet one-way delay: 141.130 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 141.202 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 5.36 Mbit/s
95th percentile per-packet one-way delay: 141.076 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 5.10 Mbit/s
95th percentile per-packet one-way delay: 140.979 ms
Loss rate: 2.37%
```

Run 2: Report of KohoCC — Data Link

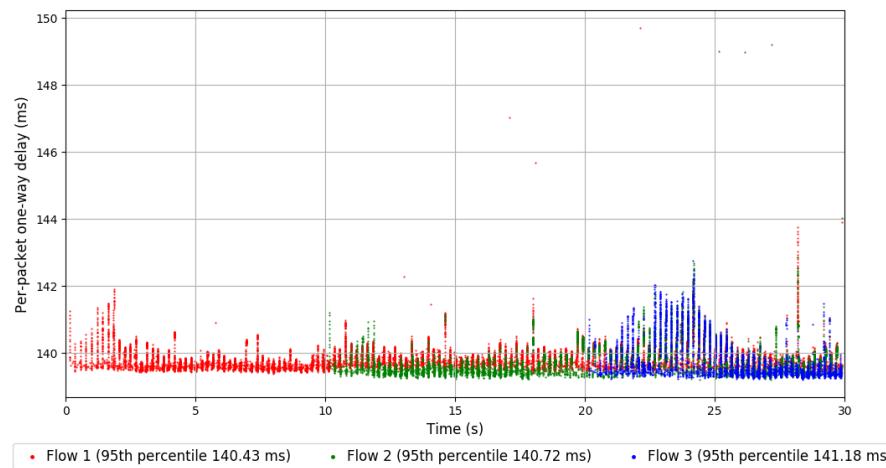
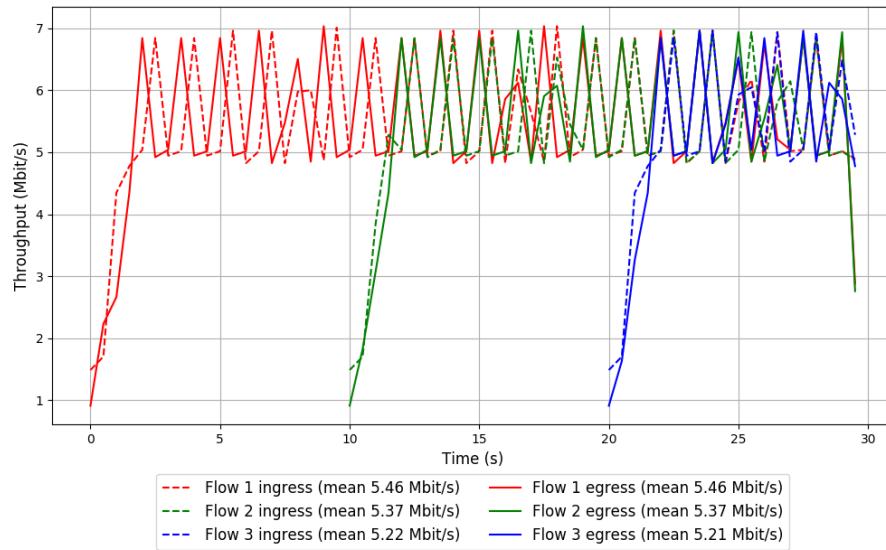


Run 3: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:13:03 +0000
End at: Mon, 10 Jul 2017 00:13:33 +0000
Local clock offset: 0.573 ms
Remote clock offset: -1.972 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.72 Mbit/s
95th percentile per-packet one-way delay: 140.701 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 140.427 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 140.717 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 5.21 Mbit/s
95th percentile per-packet one-way delay: 141.176 ms
Loss rate: 2.32%
```

Run 3: Report of KohoCC — Data Link

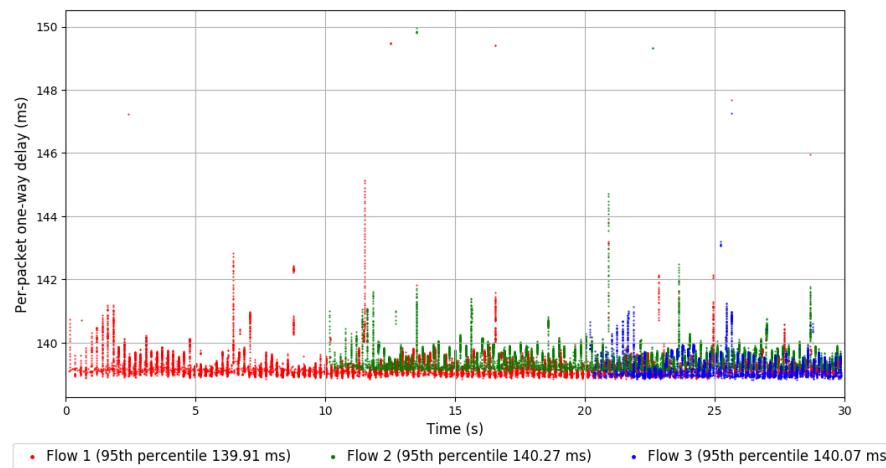
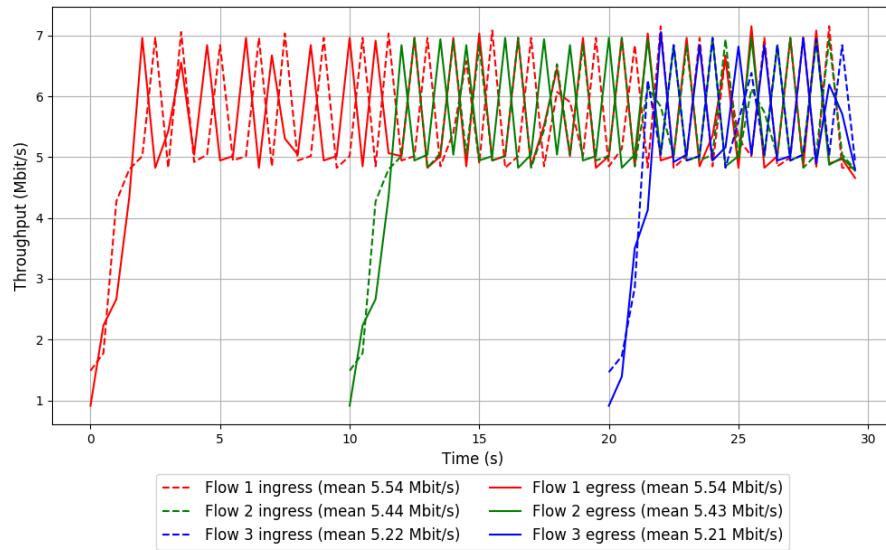


Run 4: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:33:10 +0000
End at: Mon, 10 Jul 2017 00:33:40 +0000
Local clock offset: 0.477 ms
Remote clock offset: -2.274 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.83 Mbit/s
95th percentile per-packet one-way delay: 140.089 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 5.54 Mbit/s
95th percentile per-packet one-way delay: 139.912 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 140.273 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 5.21 Mbit/s
95th percentile per-packet one-way delay: 140.072 ms
Loss rate: 2.32%
```

Run 4: Report of KohoCC — Data Link

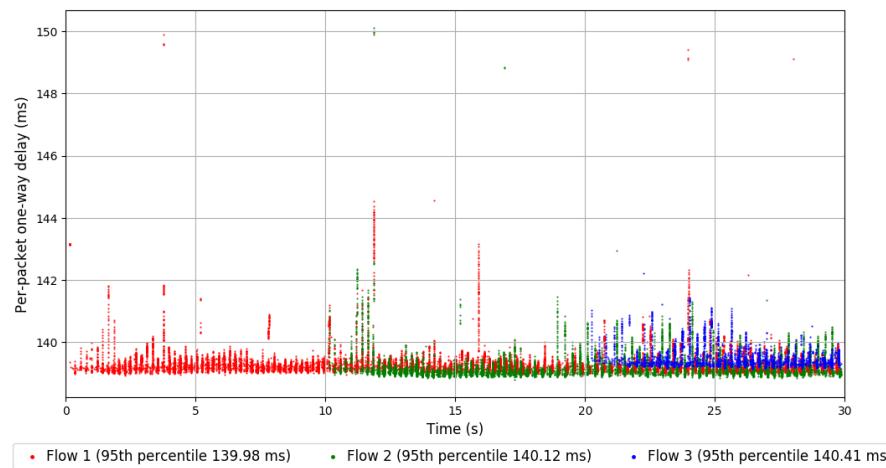
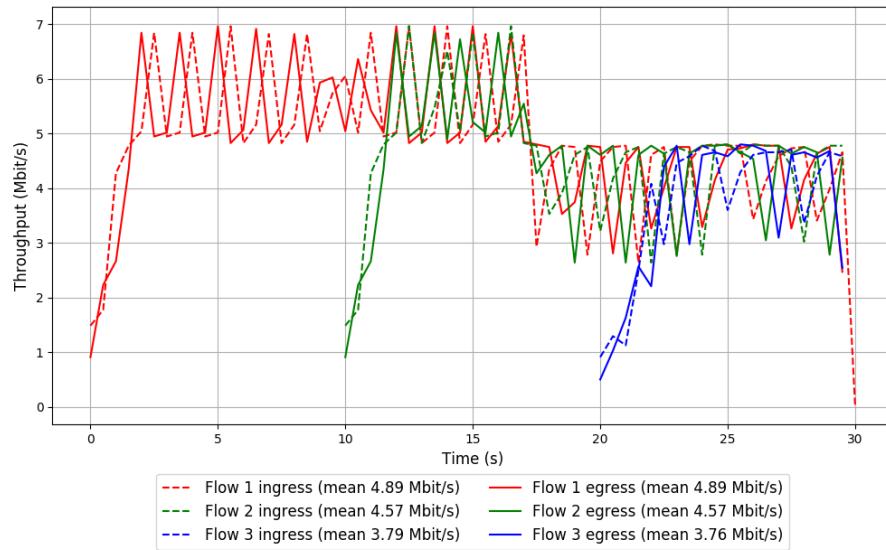


Run 5: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 00:53:08 +0000
End at: Mon, 10 Jul 2017 00:53:38 +0000
Local clock offset: -0.462 ms
Remote clock offset: -2.164 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 140.128 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 139.981 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 140.118 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 140.407 ms
Loss rate: 3.21%
```

Run 5: Report of KohoCC — Data Link

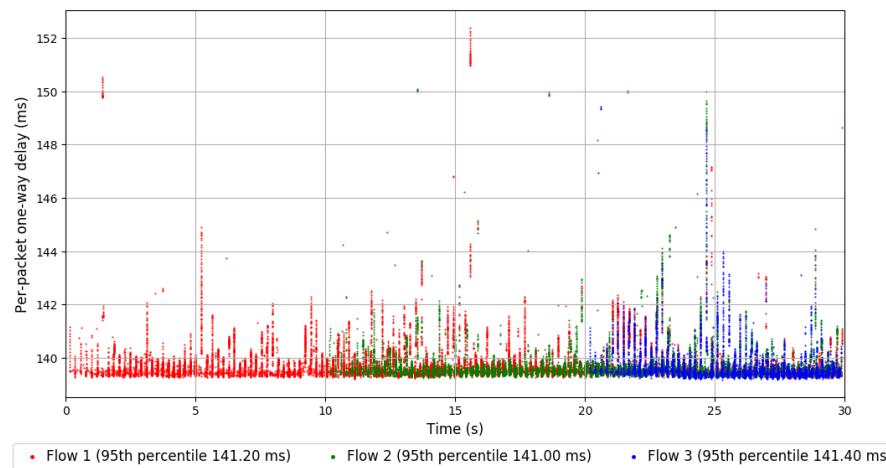
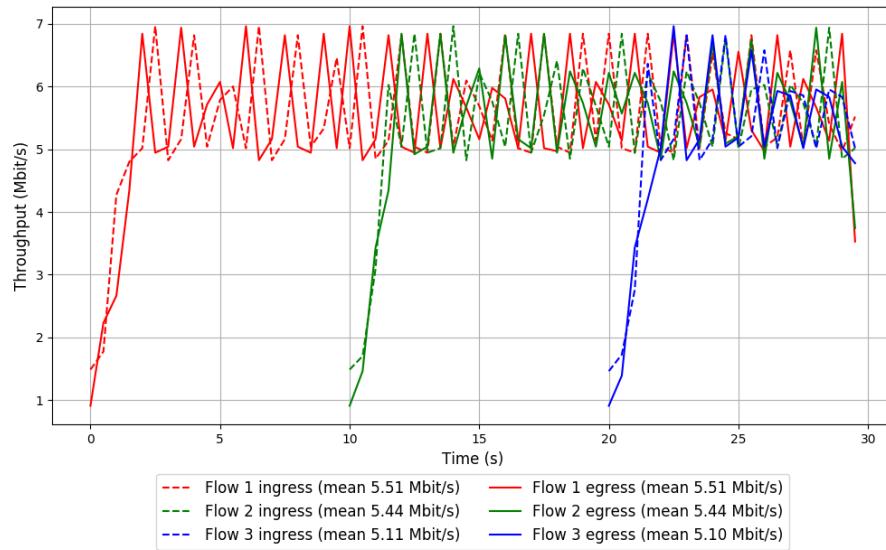


Run 6: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:12:58 +0000
End at: Mon, 10 Jul 2017 01:13:28 +0000
Local clock offset: -0.472 ms
Remote clock offset: -1.802 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.77 Mbit/s
95th percentile per-packet one-way delay: 141.185 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 5.51 Mbit/s
95th percentile per-packet one-way delay: 141.204 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 5.44 Mbit/s
95th percentile per-packet one-way delay: 141.004 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 5.10 Mbit/s
95th percentile per-packet one-way delay: 141.404 ms
Loss rate: 2.37%
```

Run 6: Report of KohoCC — Data Link

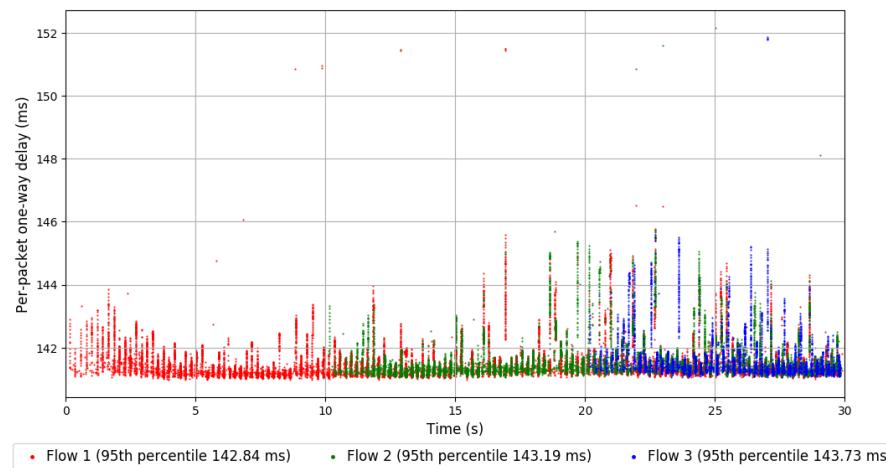
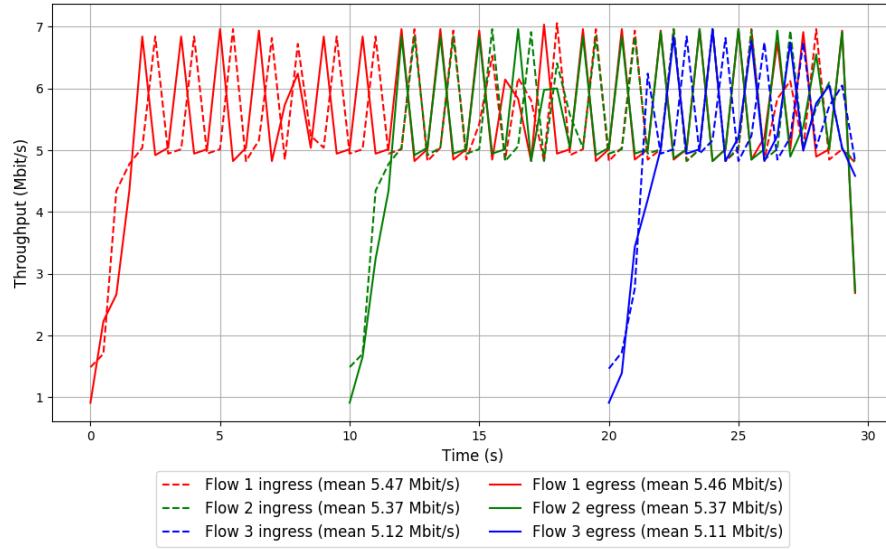


Run 7: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:32:58 +0000
End at: Mon, 10 Jul 2017 01:33:28 +0000
Local clock offset: 0.842 ms
Remote clock offset: -0.209 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:04:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.67 Mbit/s
95th percentile per-packet one-way delay: 143.091 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 142.843 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 143.189 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 143.726 ms
Loss rate: 2.37%
```

Run 7: Report of KohoCC — Data Link

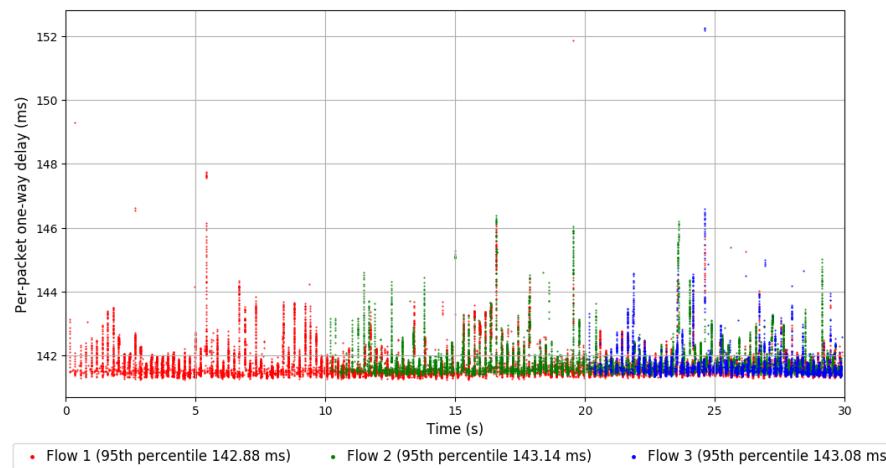
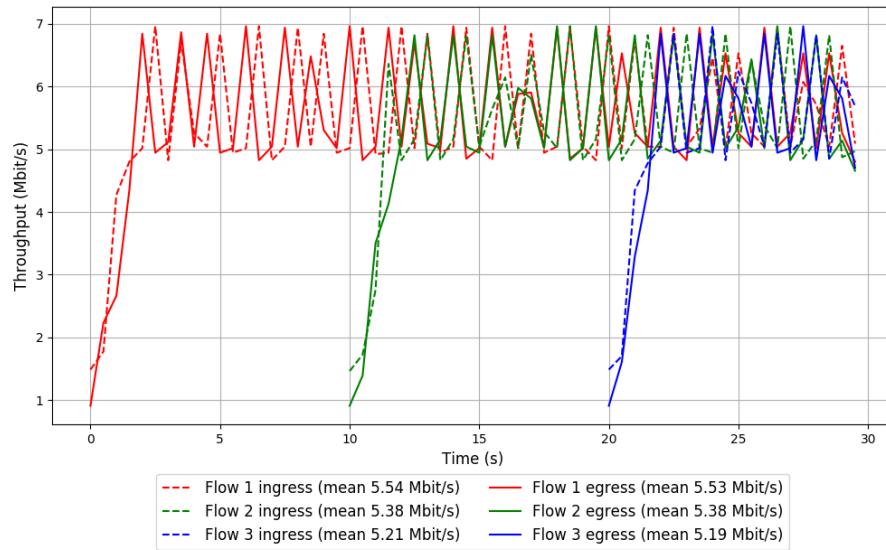


Run 8: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 01:52:55 +0000
End at: Mon, 10 Jul 2017 01:53:25 +0000
Local clock offset: 0.299 ms
Remote clock offset: -0.026 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.79 Mbit/s
95th percentile per-packet one-way delay: 142.994 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 5.53 Mbit/s
95th percentile per-packet one-way delay: 142.879 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 5.38 Mbit/s
95th percentile per-packet one-way delay: 143.136 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 143.082 ms
Loss rate: 2.30%
```

Run 8: Report of KohoCC — Data Link

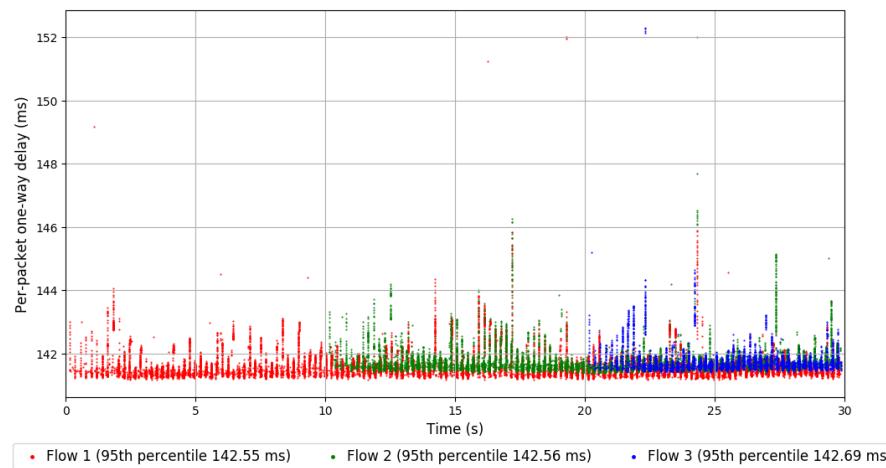
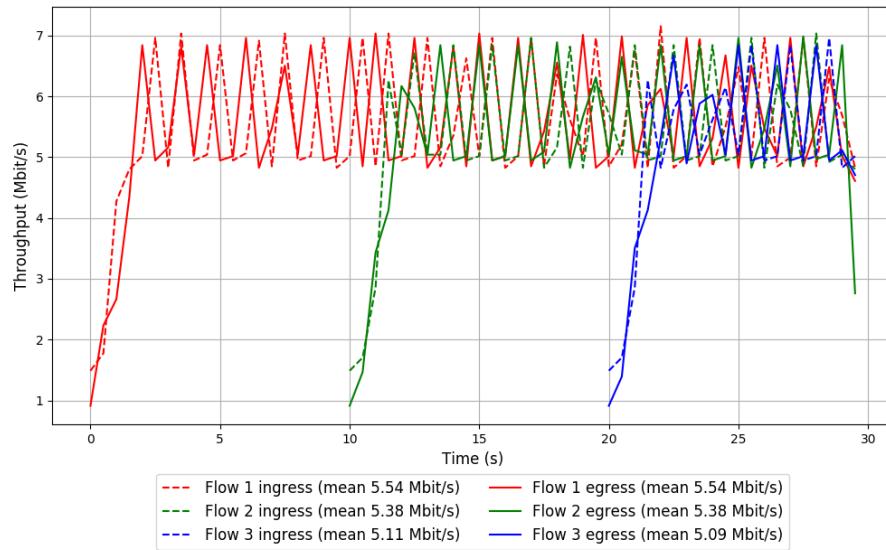


Run 9: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 02:12:47 +0000
End at: Mon, 10 Jul 2017 02:13:17 +0000
Local clock offset: -0.895 ms
Remote clock offset: -0.344 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 142.573 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 5.54 Mbit/s
95th percentile per-packet one-way delay: 142.554 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 5.38 Mbit/s
95th percentile per-packet one-way delay: 142.563 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 5.09 Mbit/s
95th percentile per-packet one-way delay: 142.694 ms
Loss rate: 2.37%
```

Run 9: Report of KohoCC — Data Link

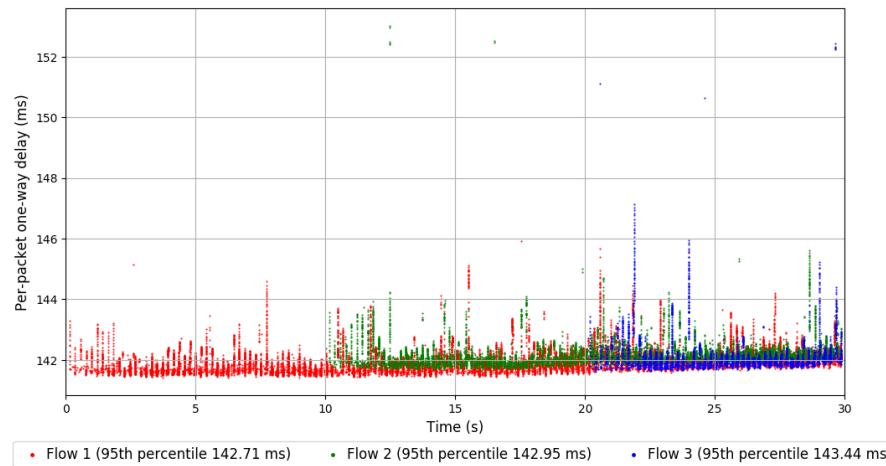
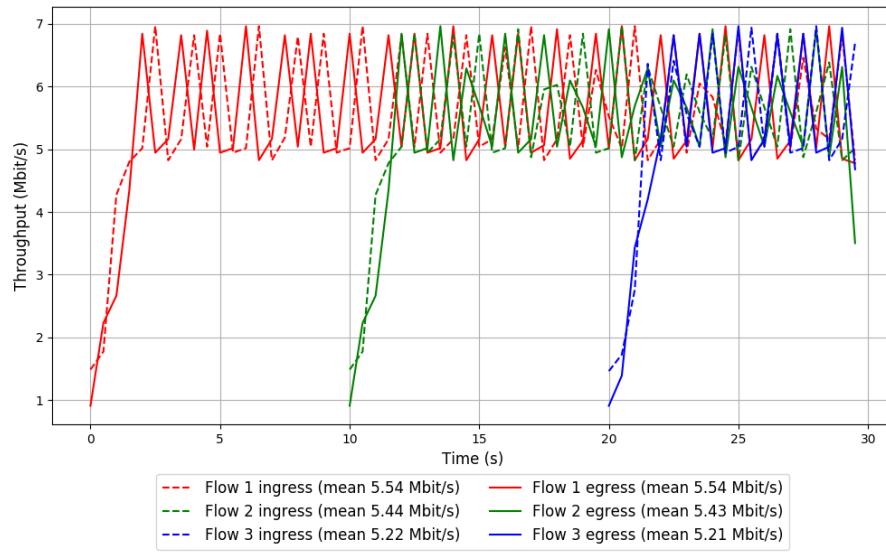


Run 10: Statistics of KohoCC

```
Start at: Mon, 10 Jul 2017 02:32:40 +0000
End at: Mon, 10 Jul 2017 02:33:10 +0000
Local clock offset: -1.189 ms
Remote clock offset: -0.194 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.83 Mbit/s
95th percentile per-packet one-way delay: 142.887 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 5.54 Mbit/s
95th percentile per-packet one-way delay: 142.709 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 142.948 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 5.21 Mbit/s
95th percentile per-packet one-way delay: 143.441 ms
Loss rate: 2.32%
```

Run 10: Report of KohoCC — Data Link

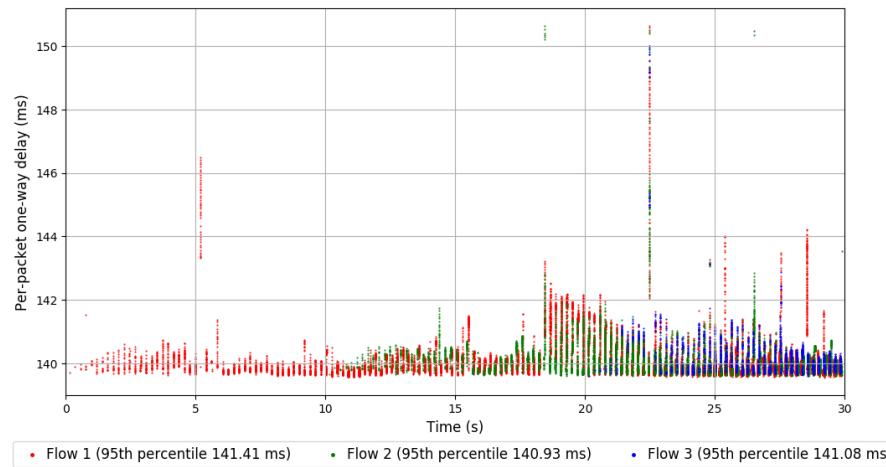
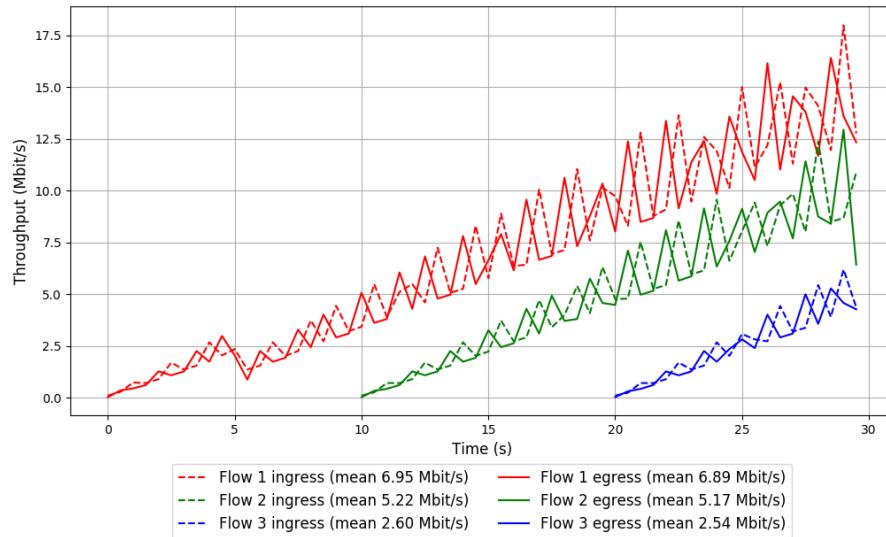


```
Run 1: Statistics of LEDBAT
```

```
Start at: Sun, 09 Jul 2017 23:17:13 +0000
End at: Sun, 09 Jul 2017 23:17:43 +0000
Local clock offset: 0.607 ms
Remote clock offset: -1.332 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 141.282 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 141.413 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 5.17 Mbit/s
95th percentile per-packet one-way delay: 140.929 ms
Loss rate: 2.14%
-- Flow 3:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 141.082 ms
Loss rate: 4.29%
```

Run 1: Report of LEDBAT — Data Link

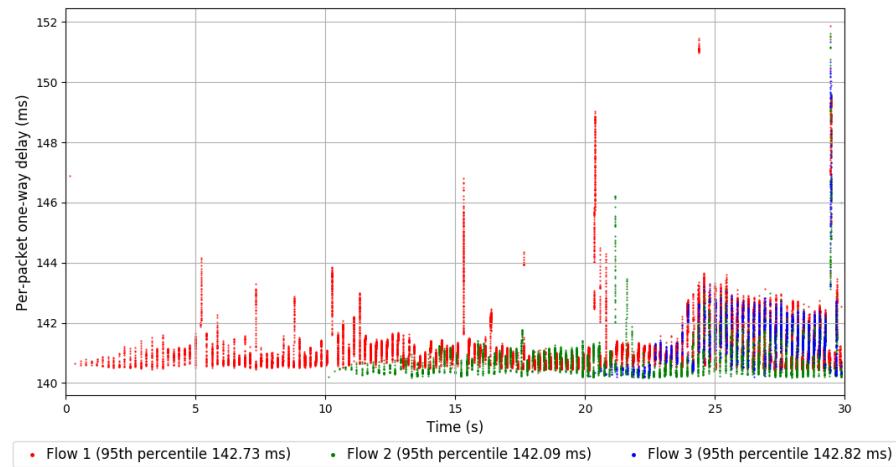
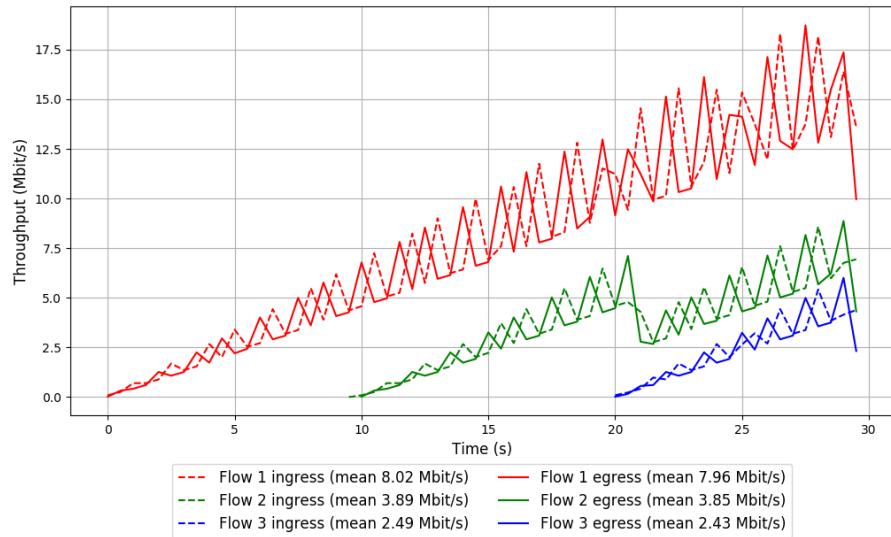


Run 2: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:37:08 +0000
End at: Sun, 09 Jul 2017 23:37:38 +0000
Local clock offset: -0.438 ms
Remote clock offset: -0.881 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 11.31 Mbit/s
95th percentile per-packet one-way delay: 142.679 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 7.96 Mbit/s
95th percentile per-packet one-way delay: 142.733 ms
Loss rate: 1.41%
-- Flow 2:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 142.090 ms
Loss rate: 2.17%
-- Flow 3:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 142.816 ms
Loss rate: 4.38%
```

Run 2: Report of LEDBAT — Data Link

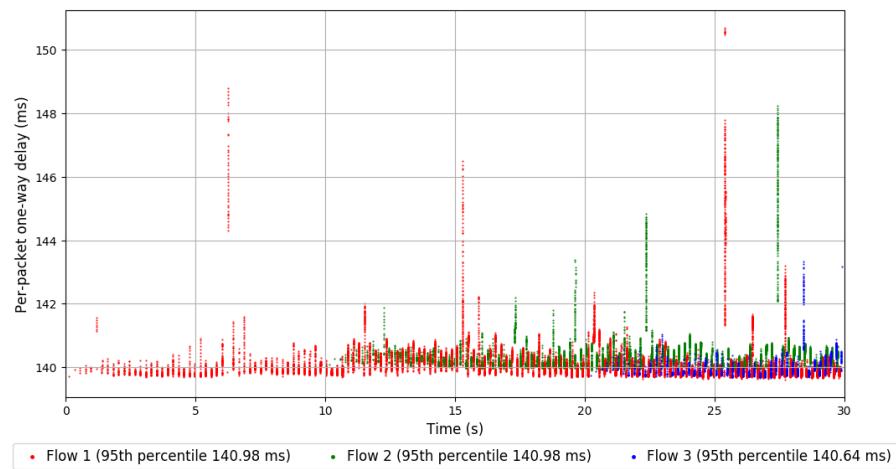
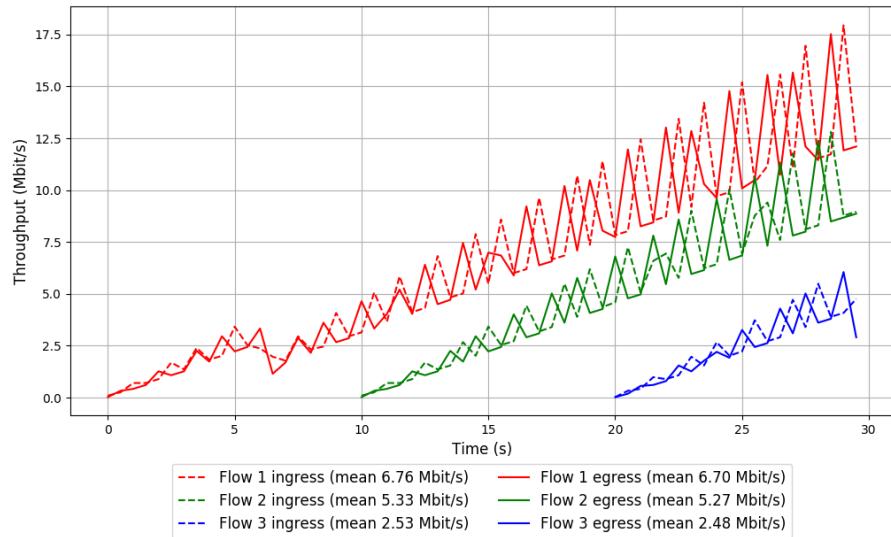


Run 3: Statistics of LEDBAT

```
Start at: Sun, 09 Jul 2017 23:57:05 +0000
End at: Sun, 09 Jul 2017 23:57:35 +0000
Local clock offset: 0.414 ms
Remote clock offset: -1.441 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:06 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 140.949 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 6.70 Mbit/s
95th percentile per-packet one-way delay: 140.981 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 140.980 ms
Loss rate: 2.13%
-- Flow 3:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 140.642 ms
Loss rate: 3.72%
```

Run 3: Report of LEDBAT — Data Link

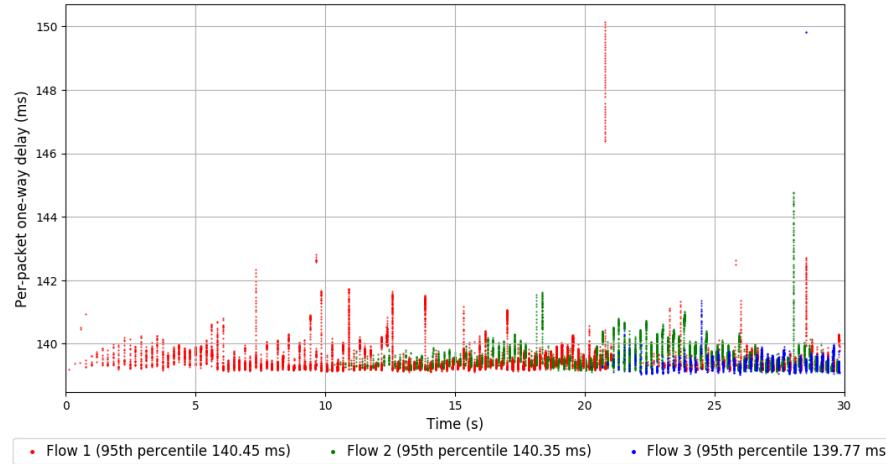
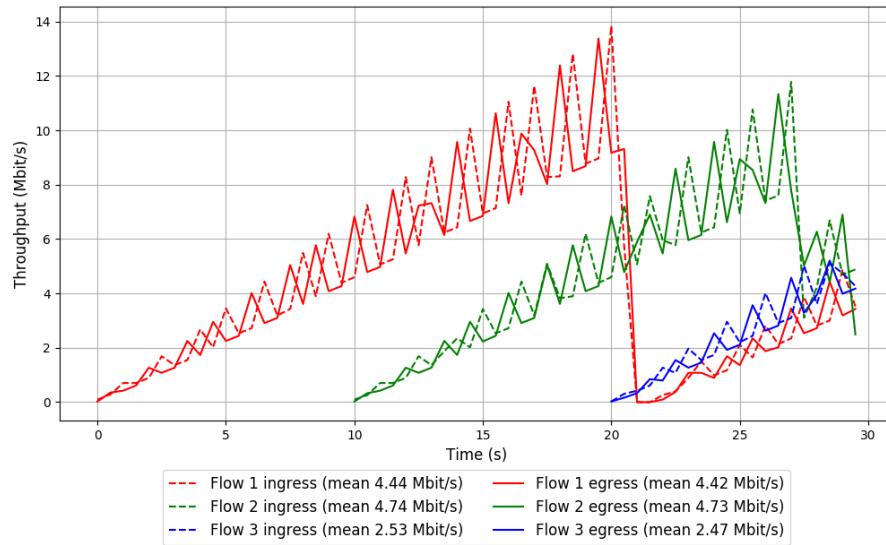


Run 4: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:16:59 +0000
End at: Mon, 10 Jul 2017 00:17:29 +0000
Local clock offset: -0.688 ms
Remote clock offset: -2.025 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 140.330 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 140.452 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 140.353 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 139.771 ms
Loss rate: 4.37%
```

Run 4: Report of LEDBAT — Data Link

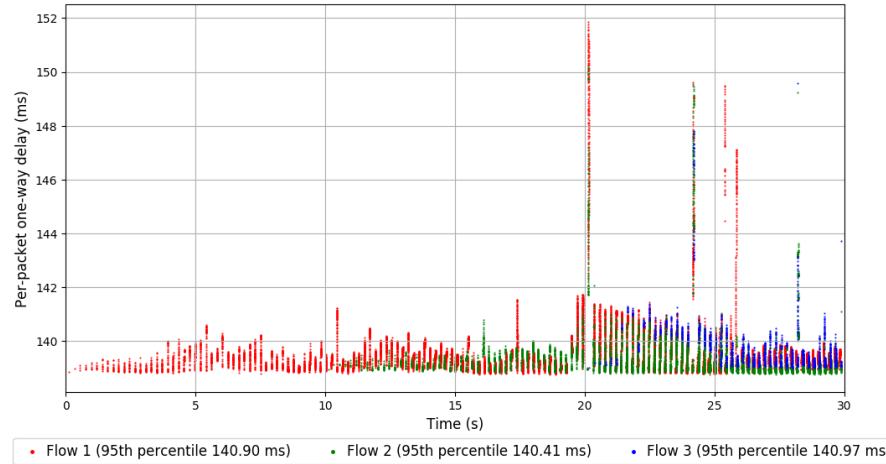
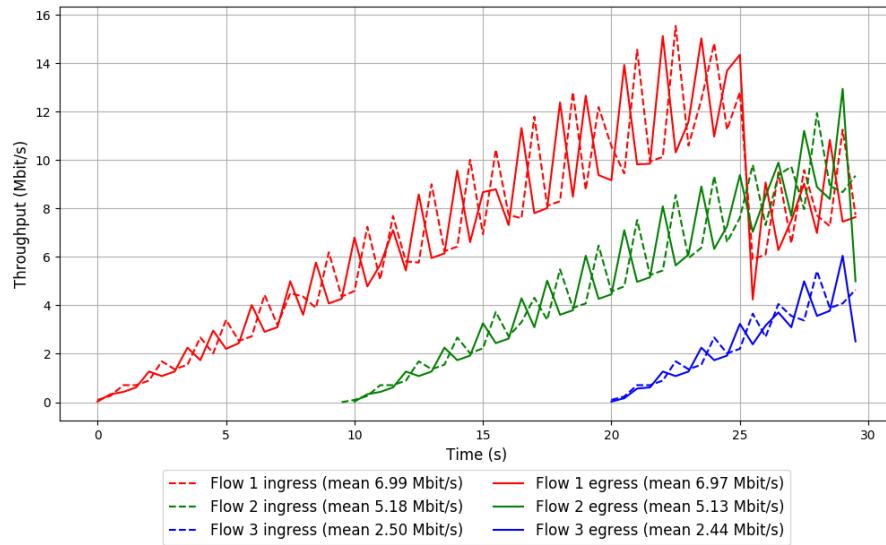


Run 5: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:37:05 +0000
End at: Mon, 10 Jul 2017 00:37:35 +0000
Local clock offset: -0.473 ms
Remote clock offset: -2.273 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 140.818 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 6.97 Mbit/s
95th percentile per-packet one-way delay: 140.902 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 5.13 Mbit/s
95th percentile per-packet one-way delay: 140.408 ms
Loss rate: 2.11%
-- Flow 3:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 140.973 ms
Loss rate: 4.31%
```

Run 5: Report of LEDBAT — Data Link

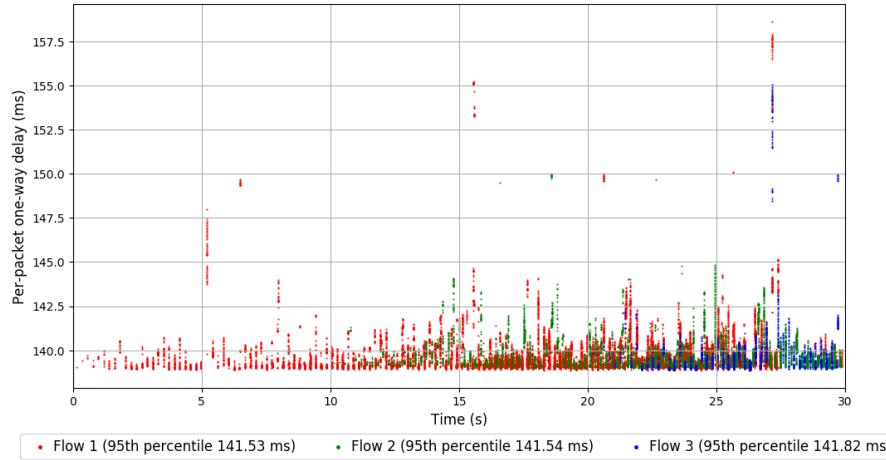
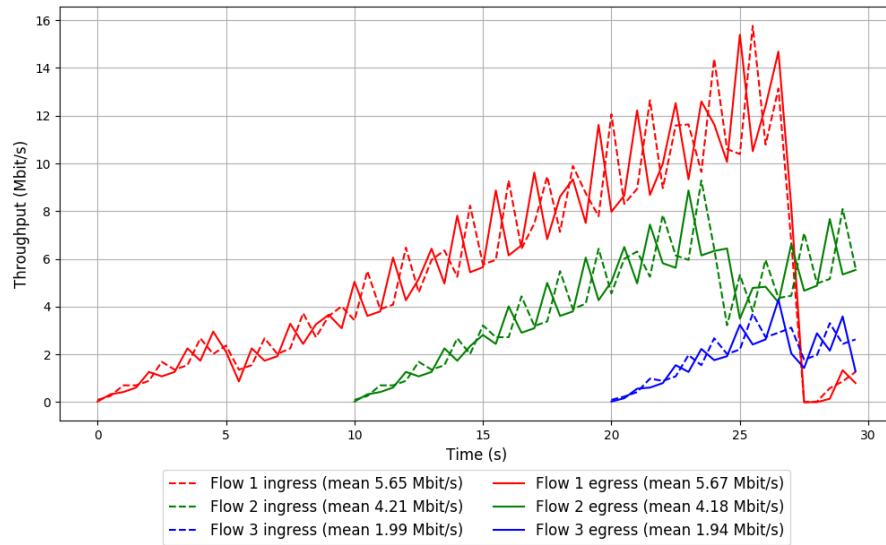


Run 6: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 00:57:06 +0000
End at: Mon, 10 Jul 2017 00:57:36 +0000
Local clock offset: -0.499 ms
Remote clock offset: -2.199 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:10 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 141.570 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 5.67 Mbit/s
95th percentile per-packet one-way delay: 141.535 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 141.544 ms
Loss rate: 1.71%
-- Flow 3:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 141.823 ms
Loss rate: 4.79%
```

Run 6: Report of LEDBAT — Data Link

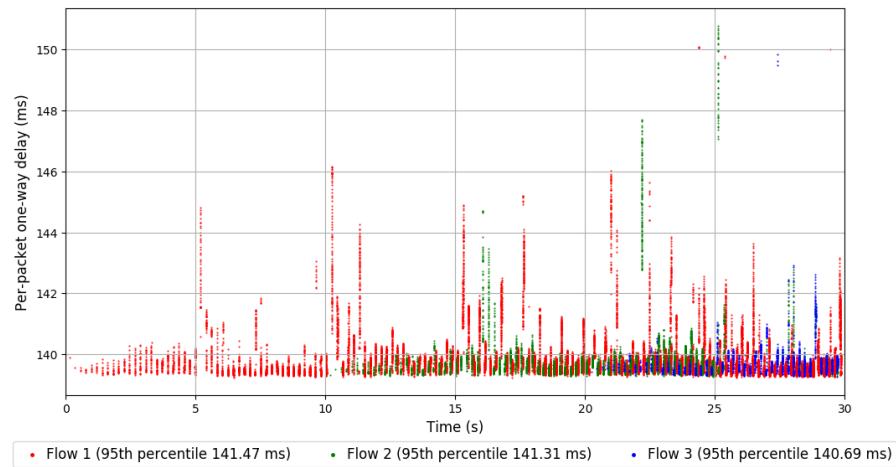
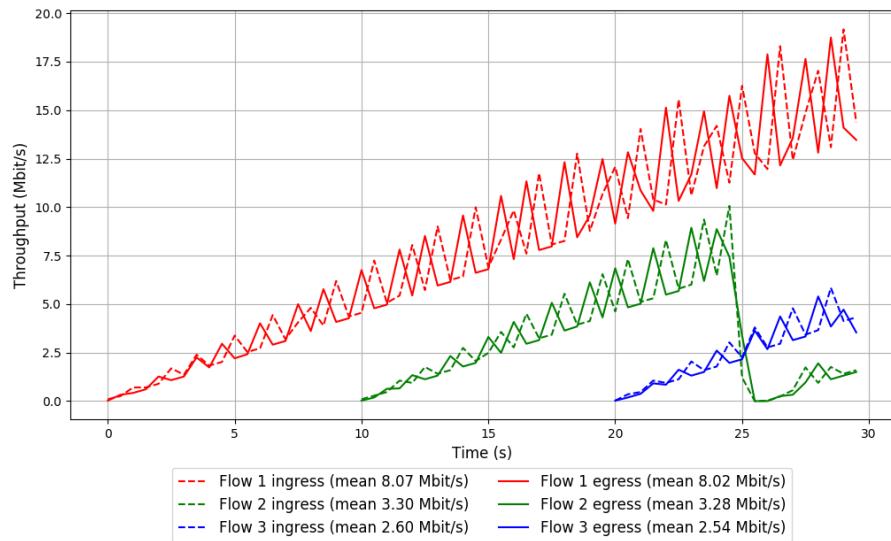


Run 7: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:16:59 +0000
End at: Mon, 10 Jul 2017 01:17:29 +0000
Local clock offset: 0.721 ms
Remote clock offset: -1.713 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:11 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.99 Mbit/s
95th percentile per-packet one-way delay: 141.422 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 8.02 Mbit/s
95th percentile per-packet one-way delay: 141.475 ms
Loss rate: 1.41%
-- Flow 2:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 141.308 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 140.691 ms
Loss rate: 4.33%
```

Run 7: Report of LEDBAT — Data Link

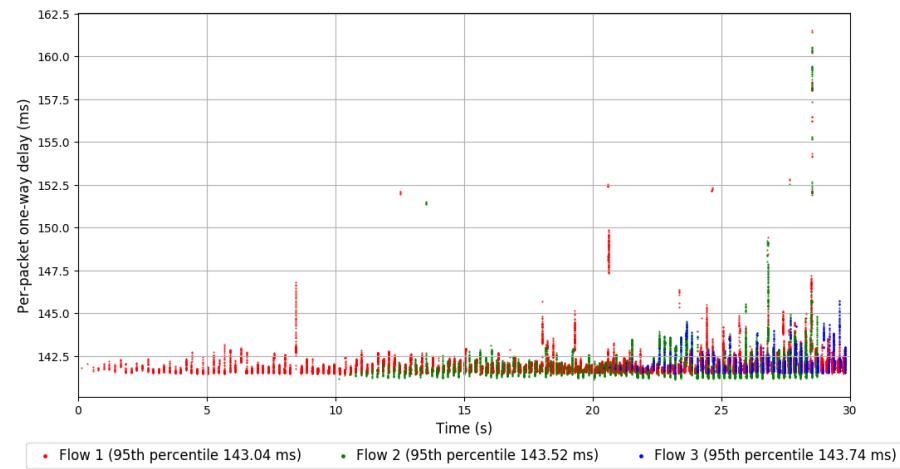
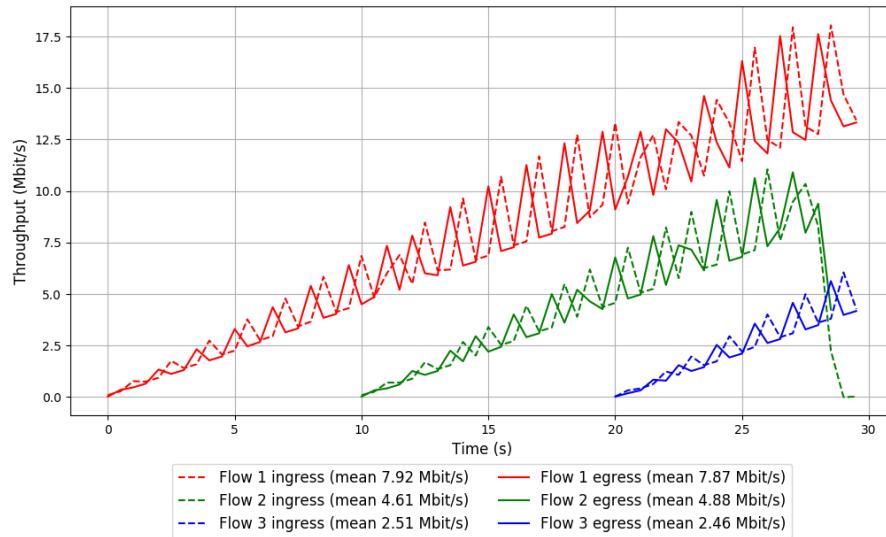


Run 8: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:36:59 +0000
End at: Mon, 10 Jul 2017 01:37:29 +0000
Local clock offset: -0.577 ms
Remote clock offset: 0.02 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:13 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 143.317 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 7.87 Mbit/s
95th percentile per-packet one-way delay: 143.037 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 4.88 Mbit/s
95th percentile per-packet one-way delay: 143.521 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 143.739 ms
Loss rate: 4.37%
```

Run 8: Report of LEDBAT — Data Link

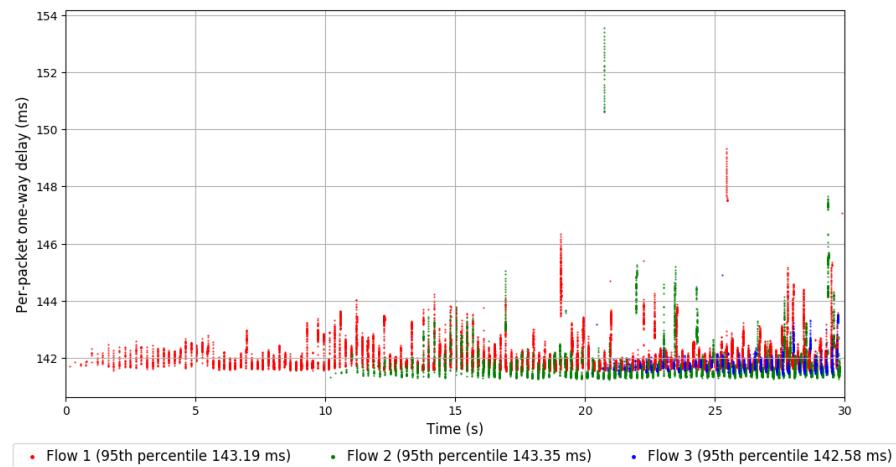
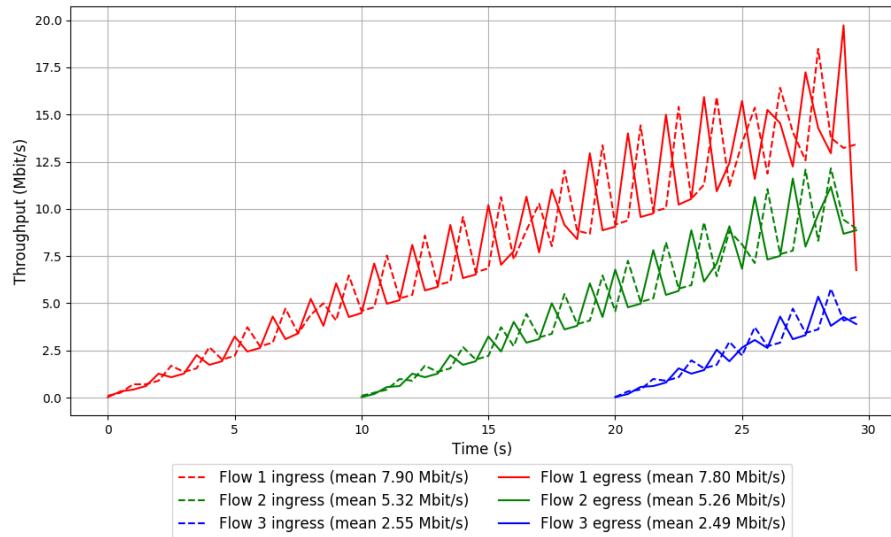


Run 9: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 01:56:51 +0000
End at: Mon, 10 Jul 2017 01:57:21 +0000
Local clock offset: 0.477 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 12.06 Mbit/s
95th percentile per-packet one-way delay: 143.190 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 7.80 Mbit/s
95th percentile per-packet one-way delay: 143.186 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 143.353 ms
Loss rate: 2.14%
-- Flow 3:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 142.582 ms
Loss rate: 4.37%
```

Run 9: Report of LEDBAT — Data Link

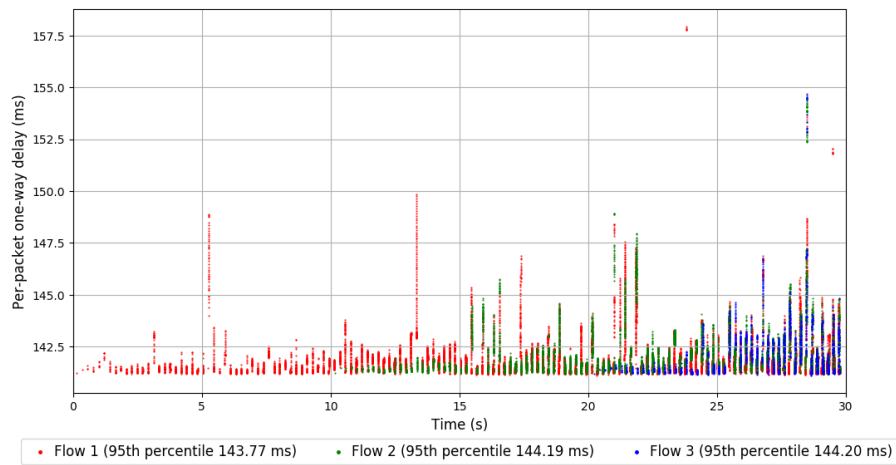
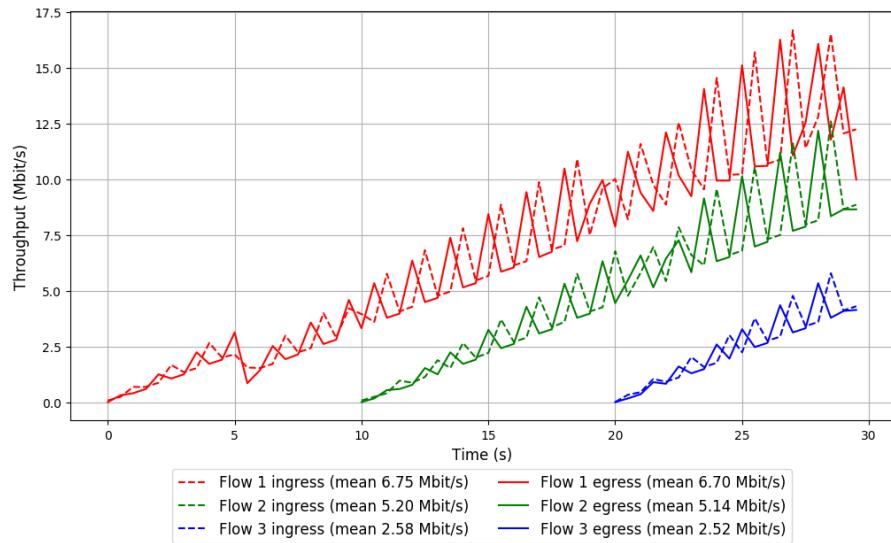


Run 10: Statistics of LEDBAT

```
Start at: Mon, 10 Jul 2017 02:16:43 +0000
End at: Mon, 10 Jul 2017 02:17:13 +0000
Local clock offset: 0.235 ms
Remote clock offset: -0.344 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.91 Mbit/s
95th percentile per-packet one-way delay: 143.970 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 6.70 Mbit/s
95th percentile per-packet one-way delay: 143.769 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 5.14 Mbit/s
95th percentile per-packet one-way delay: 144.194 ms
Loss rate: 2.16%
-- Flow 3:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 144.203 ms
Loss rate: 4.34%
```

Run 10: Report of LEDBAT — Data Link

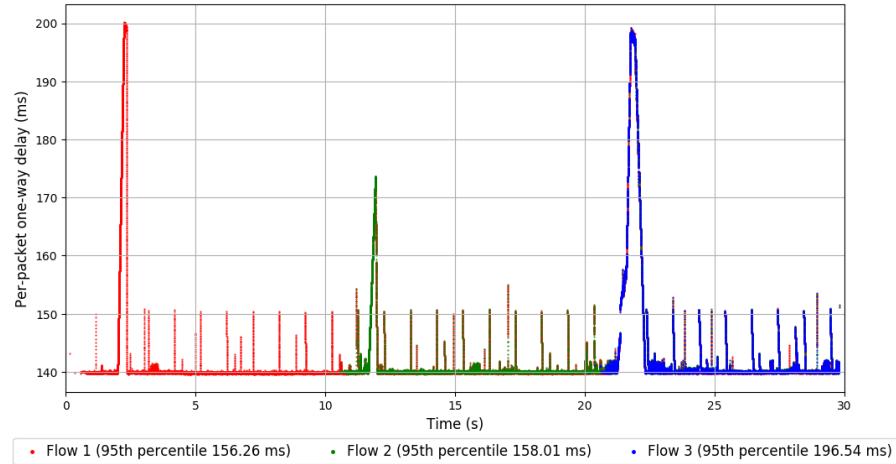
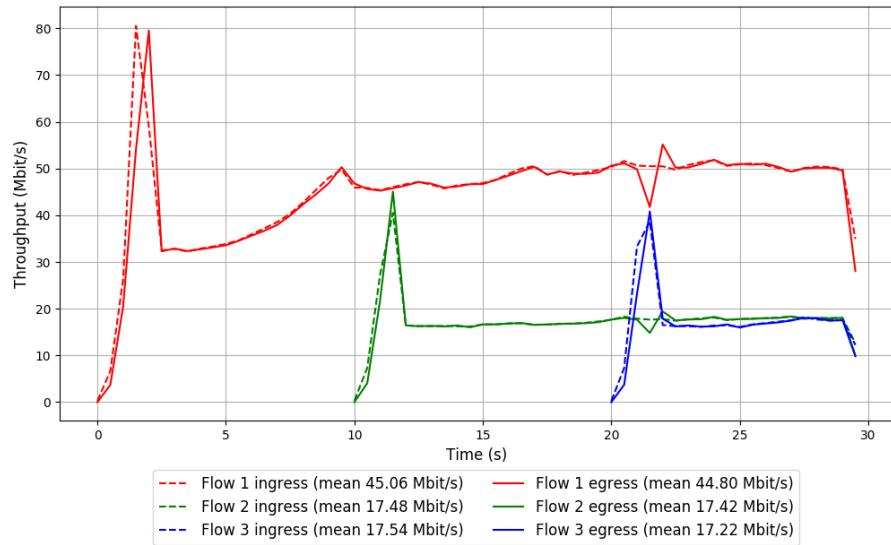


Run 1: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:26:16 +0000
End at: Sun, 09 Jul 2017 23:26:46 +0000
Local clock offset: 0.696 ms
Remote clock offset: -1.22 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.95 Mbit/s
95th percentile per-packet one-way delay: 160.261 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 156.263 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 17.42 Mbit/s
95th percentile per-packet one-way delay: 158.006 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 17.22 Mbit/s
95th percentile per-packet one-way delay: 196.538 ms
Loss rate: 3.81%
```

Run 1: Report of PCC — Data Link

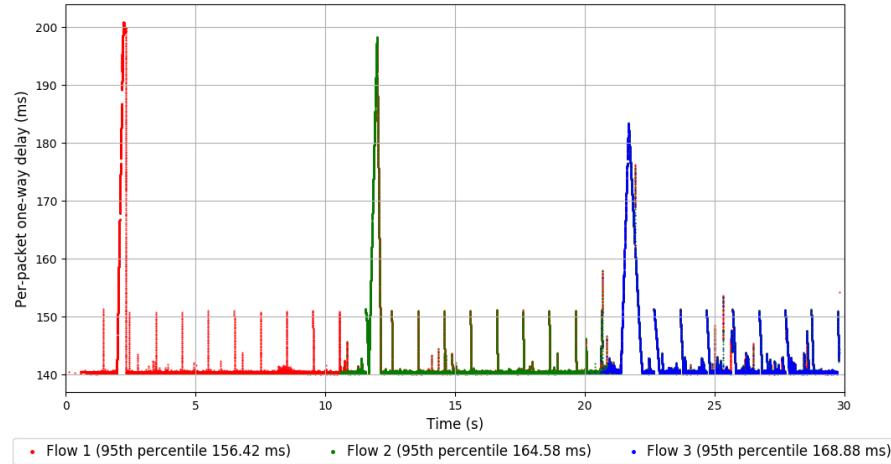
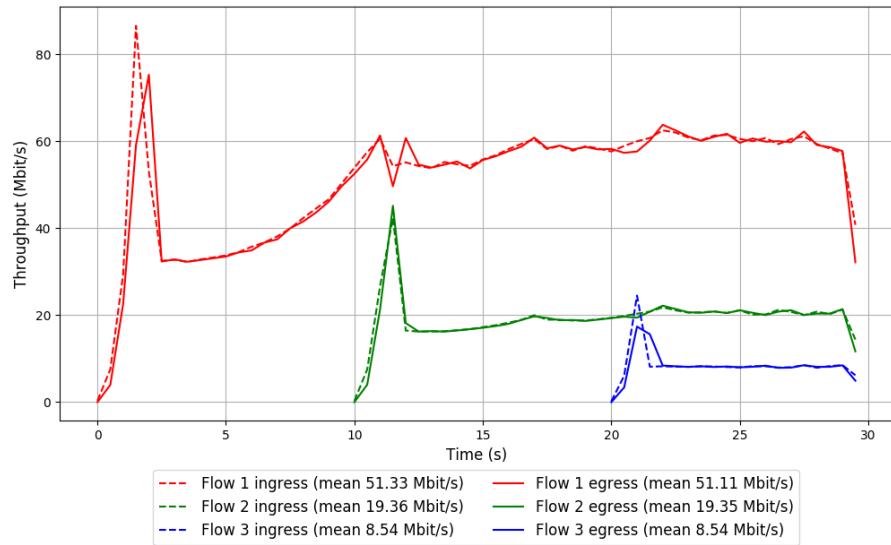


Run 2: Statistics of PCC

```
Start at: Sun, 09 Jul 2017 23:46:12 +0000
End at: Sun, 09 Jul 2017 23:46:42 +0000
Local clock offset: -0.523 ms
Remote clock offset: -0.691 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:25 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.70 Mbit/s
95th percentile per-packet one-way delay: 159.530 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 51.11 Mbit/s
95th percentile per-packet one-way delay: 156.424 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 19.35 Mbit/s
95th percentile per-packet one-way delay: 164.579 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 168.877 ms
Loss rate: 2.19%
```

Run 2: Report of PCC — Data Link

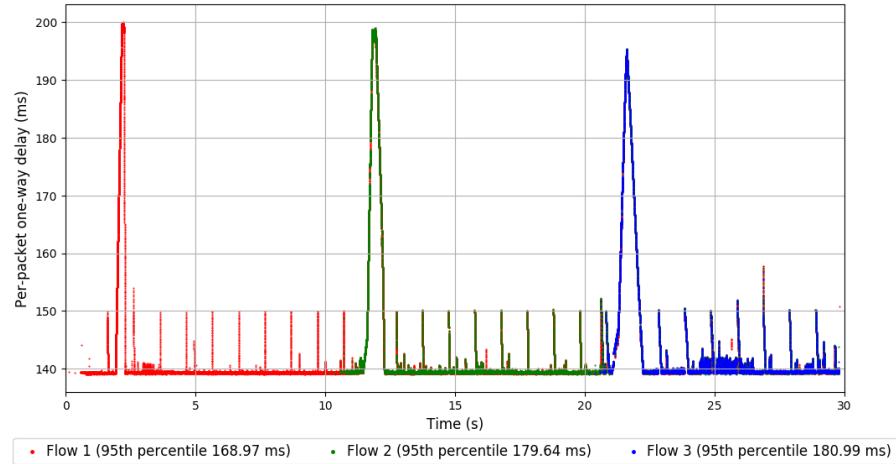
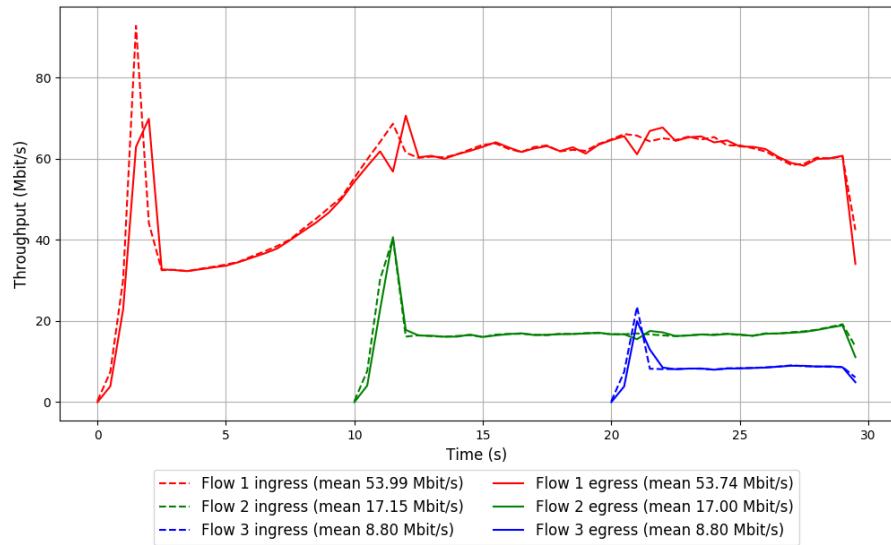


Run 3: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:06:09 +0000
End at: Mon, 10 Jul 2017 00:06:39 +0000
Local clock offset: -0.523 ms
Remote clock offset: -1.843 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.86 Mbit/s
95th percentile per-packet one-way delay: 171.934 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: 168.968 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 17.00 Mbit/s
95th percentile per-packet one-way delay: 179.638 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 180.991 ms
Loss rate: 2.08%
```

Run 3: Report of PCC — Data Link

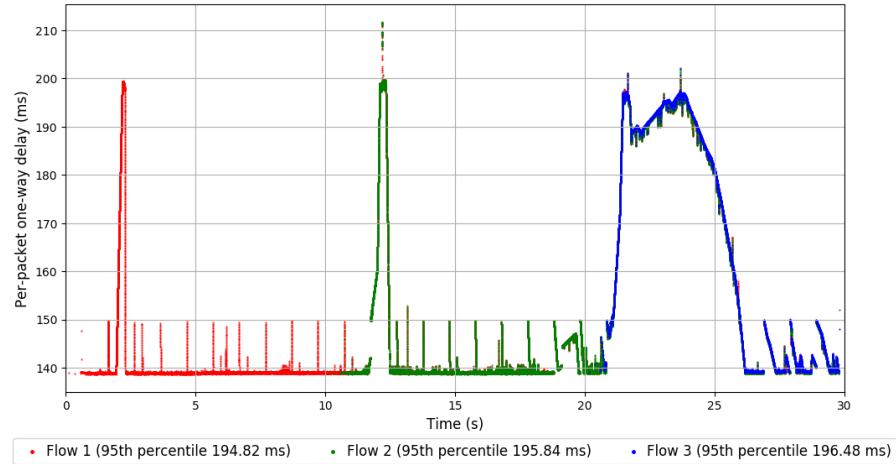
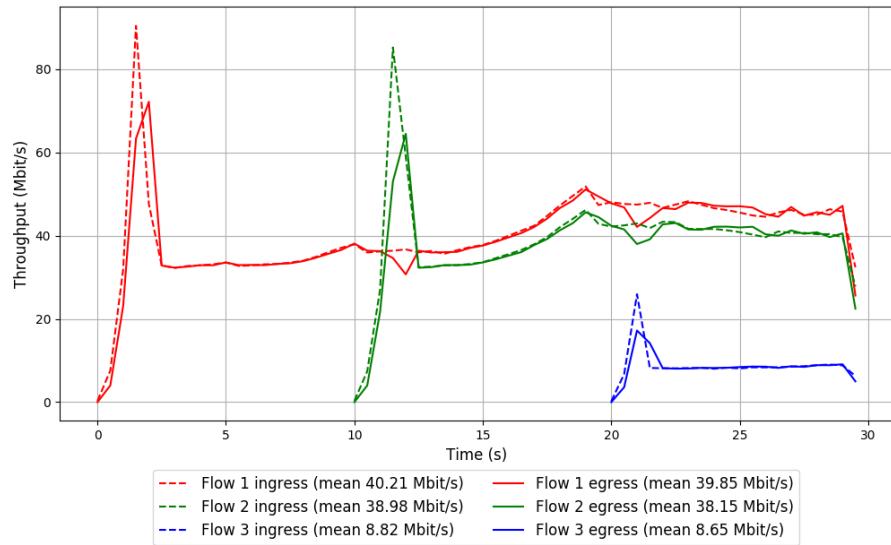


Run 4: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:26:07 +0000
End at: Mon, 10 Jul 2017 00:26:37 +0000
Local clock offset: -0.661 ms
Remote clock offset: -2.091 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:35 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.93 Mbit/s
95th percentile per-packet one-way delay: 195.243 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 194.825 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 38.15 Mbit/s
95th percentile per-packet one-way delay: 195.839 ms
Loss rate: 3.13%
-- Flow 3:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 196.477 ms
Loss rate: 3.95%
```

Run 4: Report of PCC — Data Link

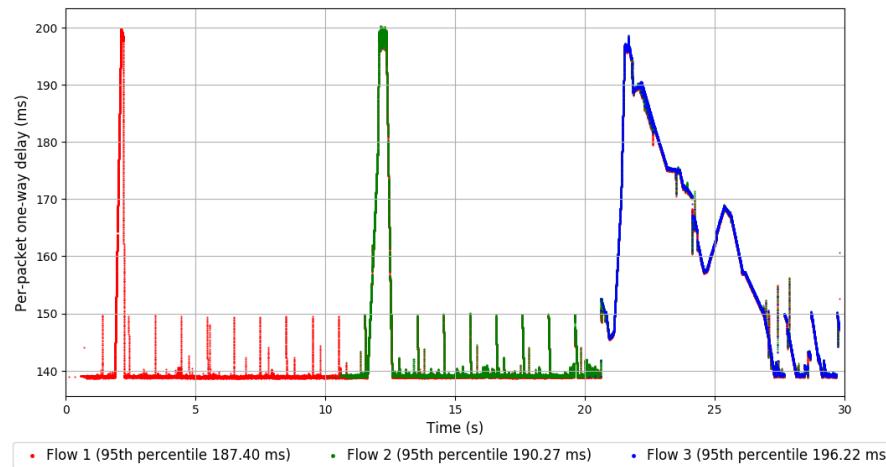
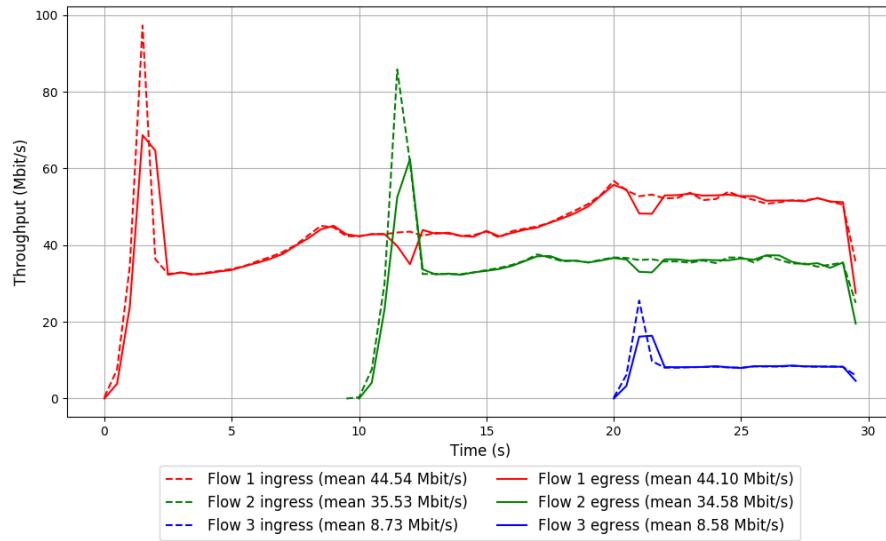


Run 5: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 00:46:17 +0000
End at: Mon, 10 Jul 2017 00:46:47 +0000
Local clock offset: 0.589 ms
Remote clock offset: -2.302 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.79 Mbit/s
95th percentile per-packet one-way delay: 189.260 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 44.10 Mbit/s
95th percentile per-packet one-way delay: 187.395 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 34.58 Mbit/s
95th percentile per-packet one-way delay: 190.267 ms
Loss rate: 3.65%
-- Flow 3:
Average throughput: 8.58 Mbit/s
95th percentile per-packet one-way delay: 196.217 ms
Loss rate: 3.78%
```

Run 5: Report of PCC — Data Link

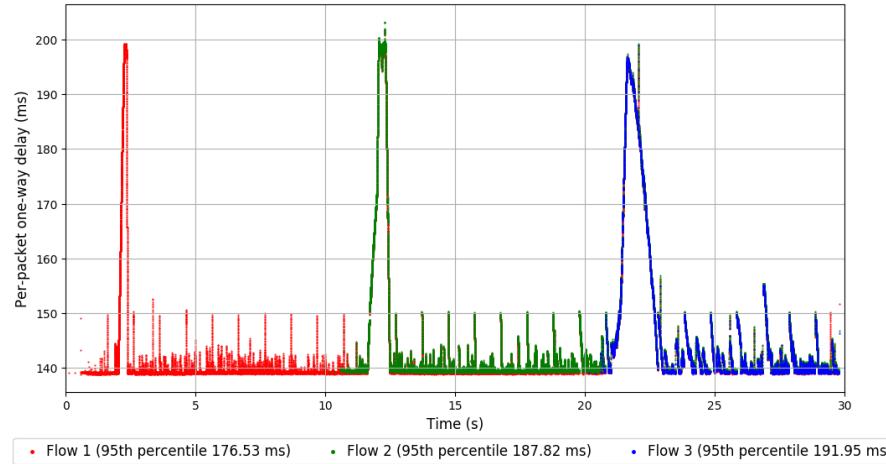
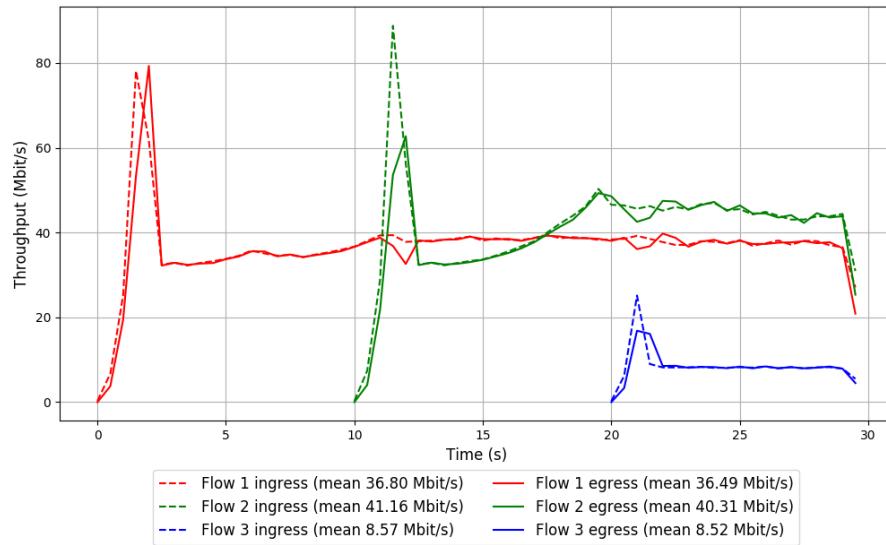


Run 6: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:06:08 +0000
End at: Mon, 10 Jul 2017 01:06:38 +0000
Local clock offset: 0.599 ms
Remote clock offset: -1.995 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.96 Mbit/s
95th percentile per-packet one-way delay: 183.730 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 176.531 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 187.819 ms
Loss rate: 3.12%
-- Flow 3:
Average throughput: 8.52 Mbit/s
95th percentile per-packet one-way delay: 191.952 ms
Loss rate: 2.72%
```

Run 6: Report of PCC — Data Link

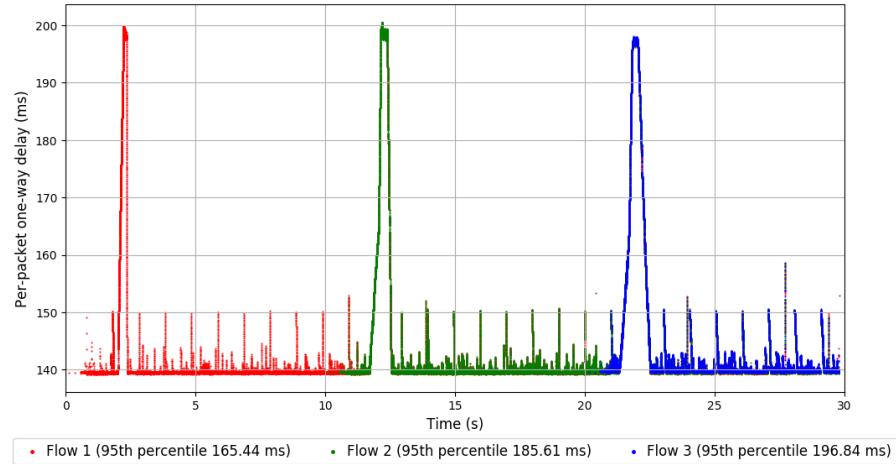
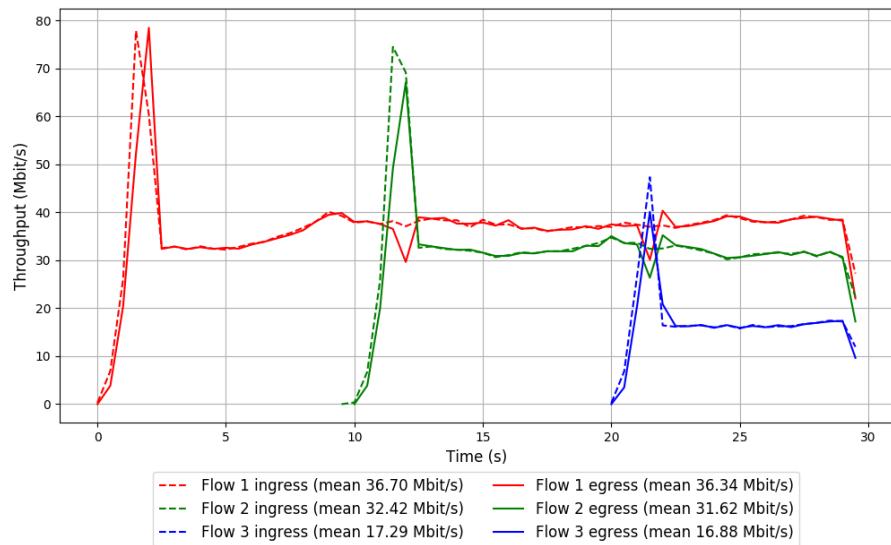


Run 7: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:26:11 +0000
End at: Mon, 10 Jul 2017 01:26:41 +0000
Local clock offset: -0.498 ms
Remote clock offset: -1.635 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 177.980 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 165.438 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 185.610 ms
Loss rate: 3.45%
-- Flow 3:
Average throughput: 16.88 Mbit/s
95th percentile per-packet one-way delay: 196.841 ms
Loss rate: 4.43%
```

Run 7: Report of PCC — Data Link

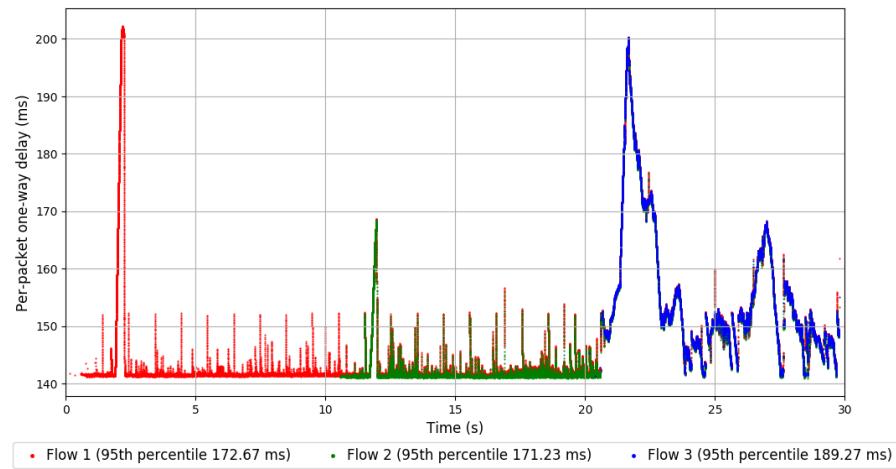
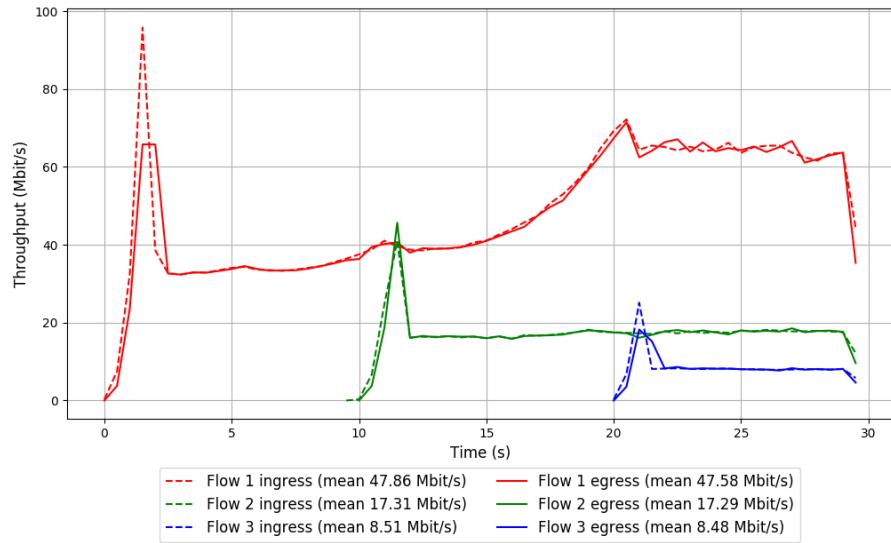


Run 8: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 01:46:06 +0000
End at: Mon, 10 Jul 2017 01:46:36 +0000
Local clock offset: 0.268 ms
Remote clock offset: -0.171 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:05:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 173.059 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 47.58 Mbit/s
95th percentile per-packet one-way delay: 172.674 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 17.29 Mbit/s
95th percentile per-packet one-way delay: 171.234 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 189.272 ms
Loss rate: 2.41%
```

Run 8: Report of PCC — Data Link

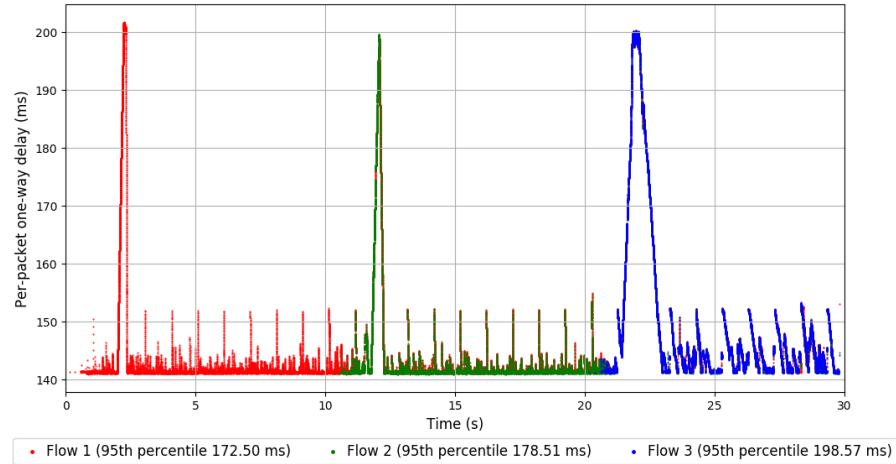
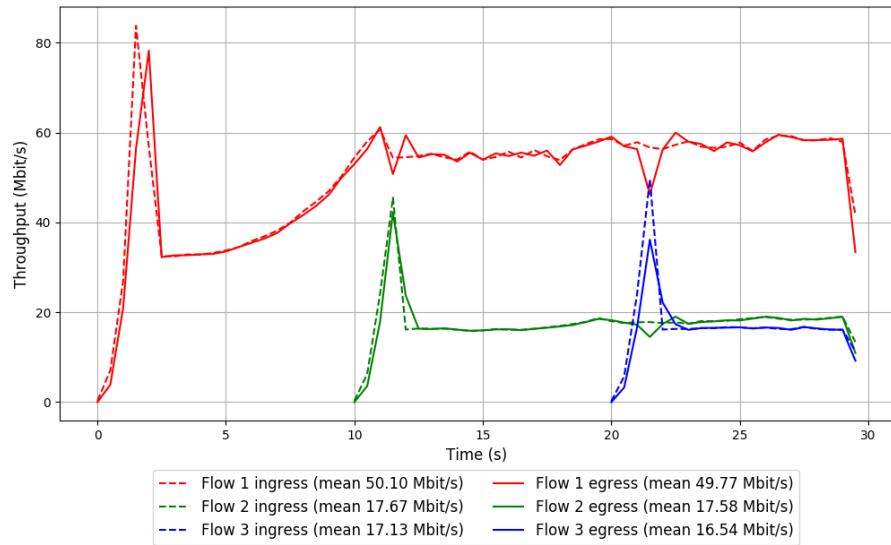


Run 9: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 02:05:55 +0000
End at: Mon, 10 Jul 2017 02:06:25 +0000
Local clock offset: -0.833 ms
Remote clock offset: -0.338 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.78 Mbit/s
95th percentile per-packet one-way delay: 178.146 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 49.77 Mbit/s
95th percentile per-packet one-way delay: 172.499 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 17.58 Mbit/s
95th percentile per-packet one-way delay: 178.514 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 16.54 Mbit/s
95th percentile per-packet one-way delay: 198.575 ms
Loss rate: 5.56%
```

Run 9: Report of PCC — Data Link

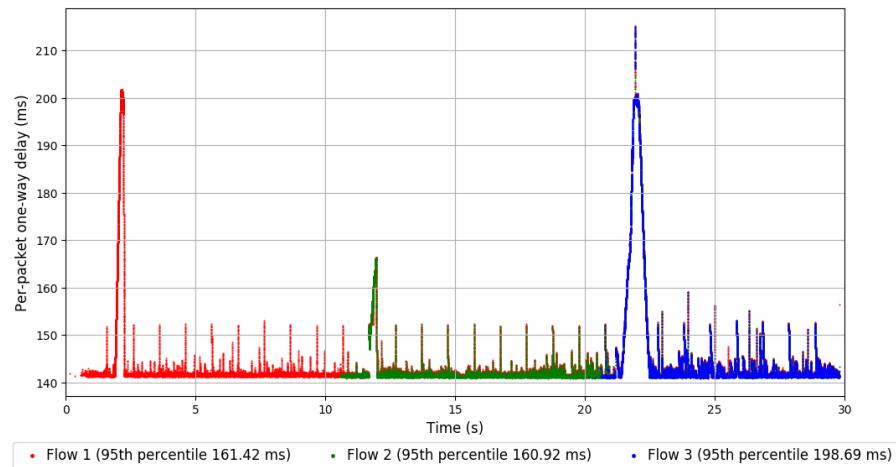
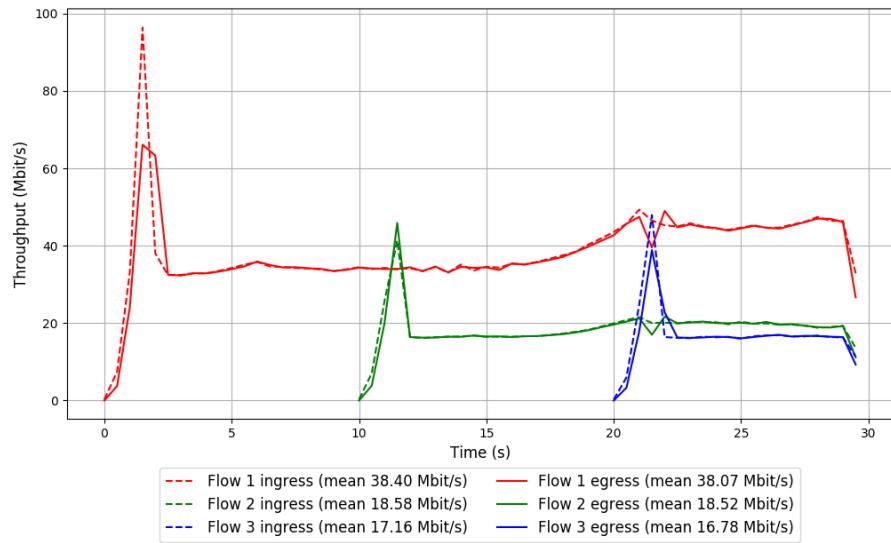


Run 10: Statistics of PCC

```
Start at: Mon, 10 Jul 2017 02:25:47 +0000
End at: Mon, 10 Jul 2017 02:26:17 +0000
Local clock offset: -0.972 ms
Remote clock offset: -0.426 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.78 Mbit/s
95th percentile per-packet one-way delay: 165.017 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 161.418 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 160.923 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 16.78 Mbit/s
95th percentile per-packet one-way delay: 198.687 ms
Loss rate: 4.29%
```

Run 10: Report of PCC — Data Link

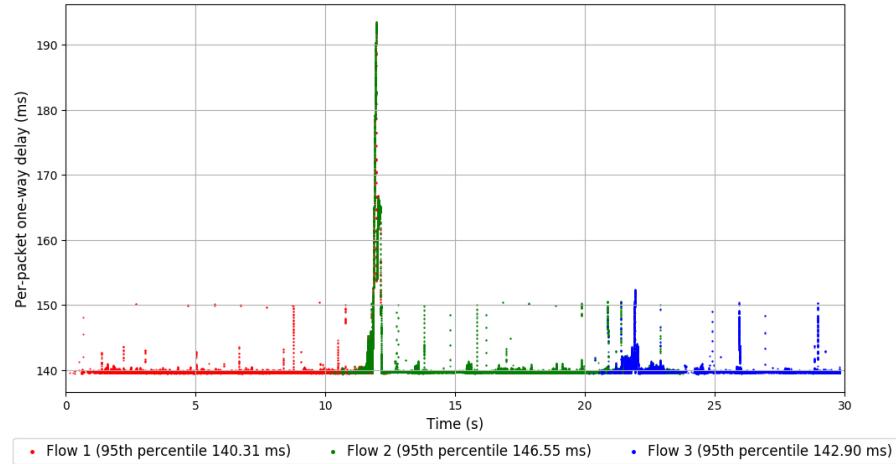
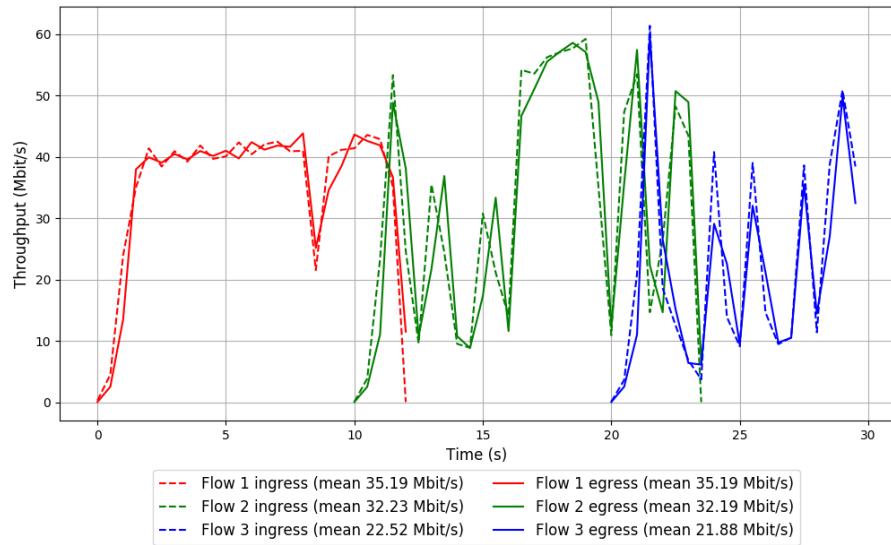


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: Sun, 09 Jul 2017 23:18:29 +0000
End at: Sun, 09 Jul 2017 23:18:59 +0000
Local clock offset: -0.295 ms
Remote clock offset: -1.335 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.36 Mbit/s
95th percentile per-packet one-way delay: 142.809 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 140.312 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 146.546 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 142.903 ms
Loss rate: 4.89%
```

Run 1: Report of QUIC Cubic — Data Link

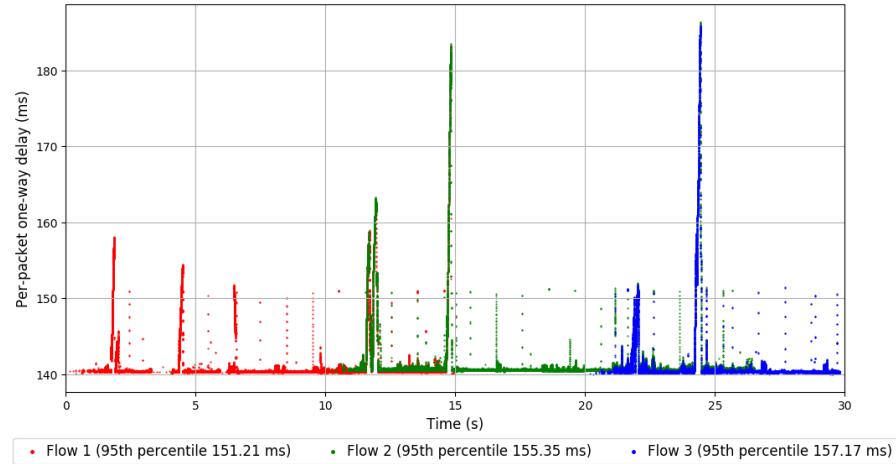
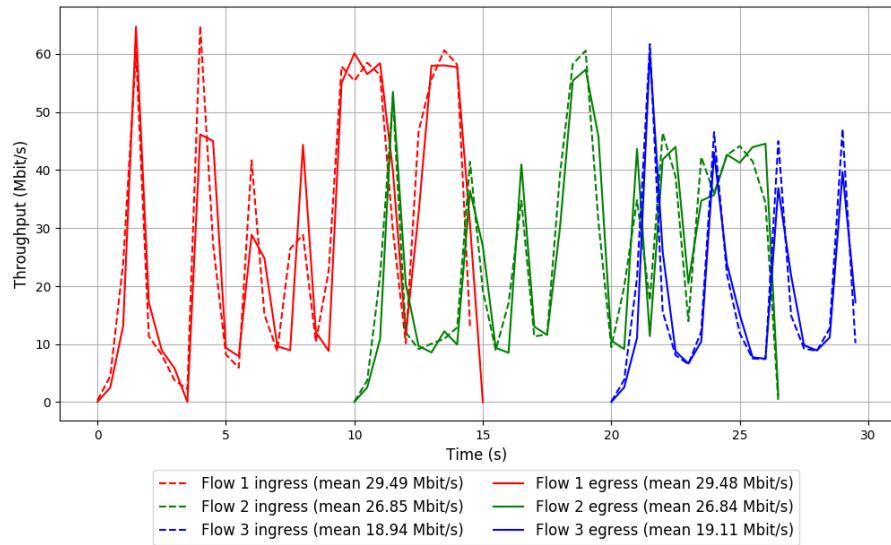


Run 2: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 23:38:24 +0000
End at: Sun, 09 Jul 2017 23:38:54 +0000
Local clock offset: -0.555 ms
Remote clock offset: -0.866 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:09 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 35.95 Mbit/s
95th percentile per-packet one-way delay: 153.749 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 151.211 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 155.347 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 19.11 Mbit/s
95th percentile per-packet one-way delay: 157.166 ms
Loss rate: 1.21%
```

Run 2: Report of QUIC Cubic — Data Link

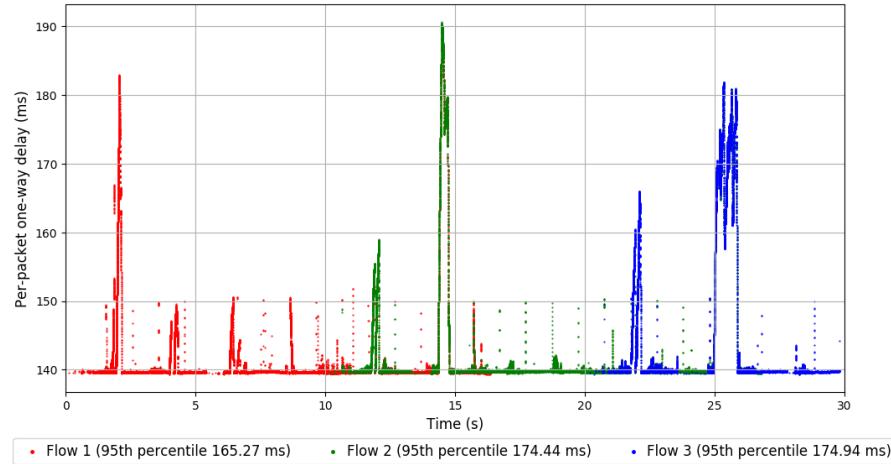
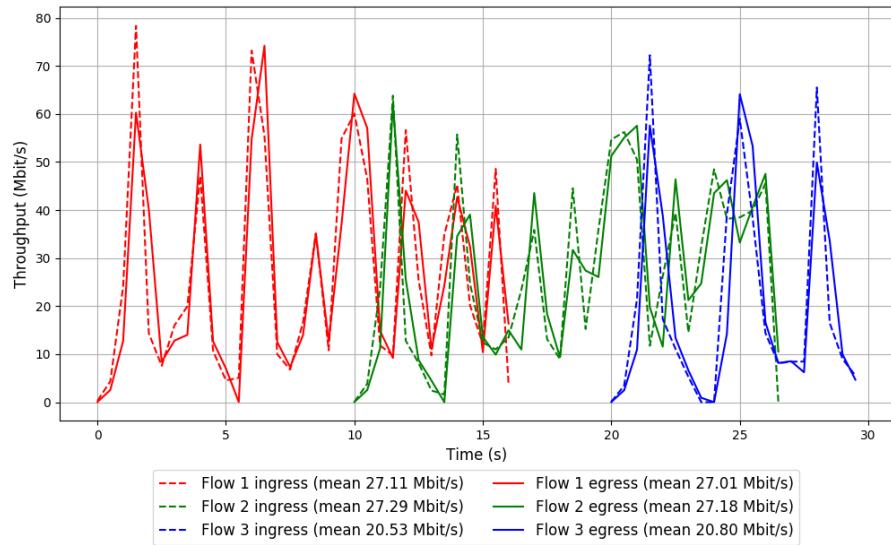


Run 3: Statistics of QUIC Cubic

```
Start at: Sun, 09 Jul 2017 23:58:22 +0000
End at: Sun, 09 Jul 2017 23:58:52 +0000
Local clock offset: -0.633 ms
Remote clock offset: -1.51 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:14 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.75 Mbit/s
95th percentile per-packet one-way delay: 173.785 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 27.01 Mbit/s
95th percentile per-packet one-way delay: 165.270 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 27.18 Mbit/s
95th percentile per-packet one-way delay: 174.440 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 20.80 Mbit/s
95th percentile per-packet one-way delay: 174.944 ms
Loss rate: 0.76%
```

Run 3: Report of QUIC Cubic — Data Link

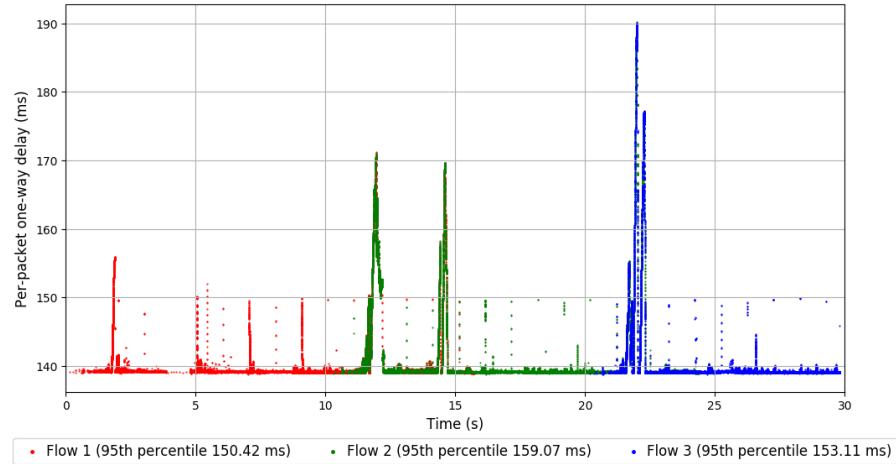
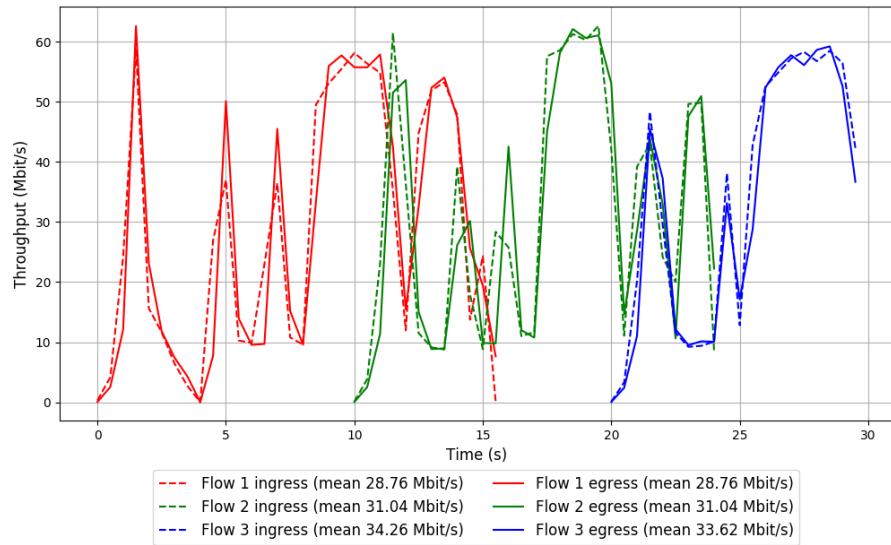


Run 4: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:18:15 +0000
End at: Mon, 10 Jul 2017 00:18:45 +0000
Local clock offset: 0.745 ms
Remote clock offset: -2.052 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:16 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.96 Mbit/s
95th percentile per-packet one-way delay: 154.602 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 28.76 Mbit/s
95th percentile per-packet one-way delay: 150.422 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 159.072 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 153.108 ms
Loss rate: 3.89%
```

Run 4: Report of QUIC Cubic — Data Link

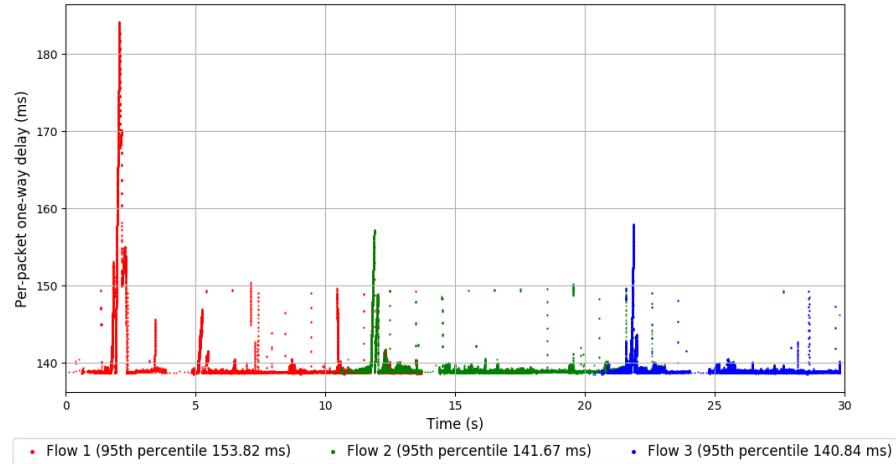
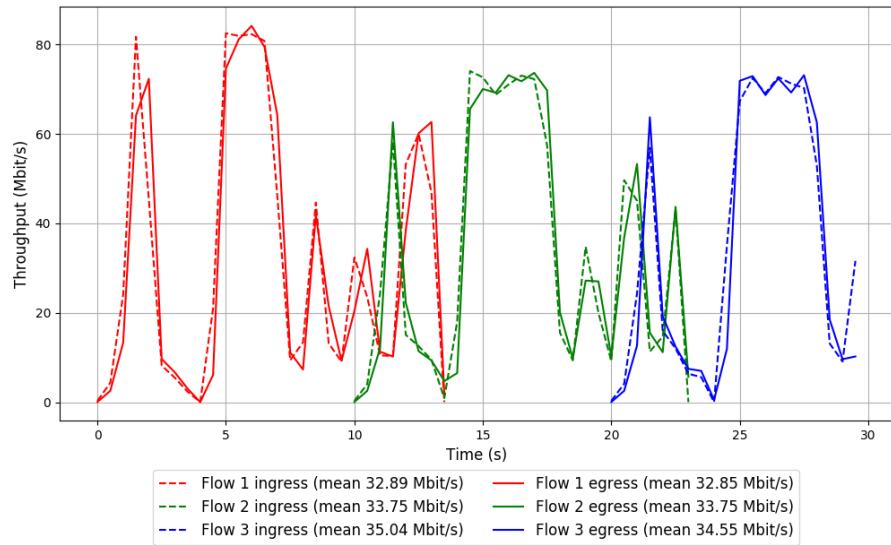


Run 5: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:38:22 +0000
End at: Mon, 10 Jul 2017 00:38:52 +0000
Local clock offset: 0.748 ms
Remote clock offset: -2.354 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:20 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.18 Mbit/s
95th percentile per-packet one-way delay: 146.553 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 32.85 Mbit/s
95th percentile per-packet one-way delay: 153.821 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 33.75 Mbit/s
95th percentile per-packet one-way delay: 141.674 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 140.842 ms
Loss rate: 3.44%
```

Run 5: Report of QUIC Cubic — Data Link

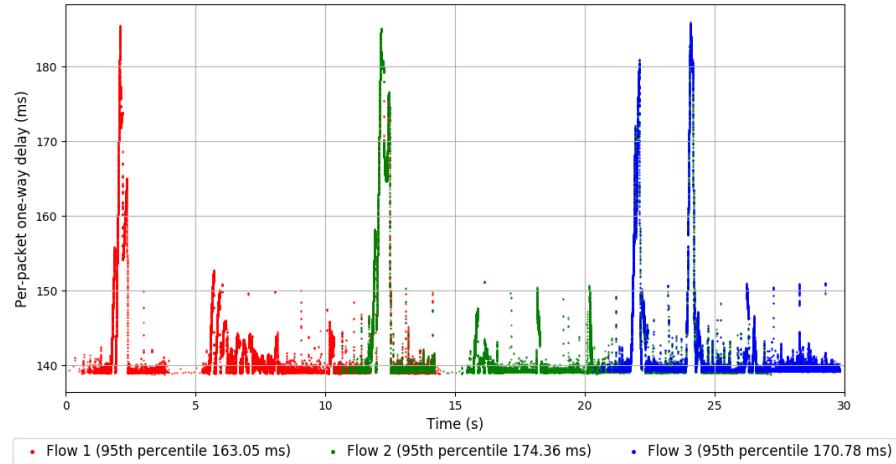
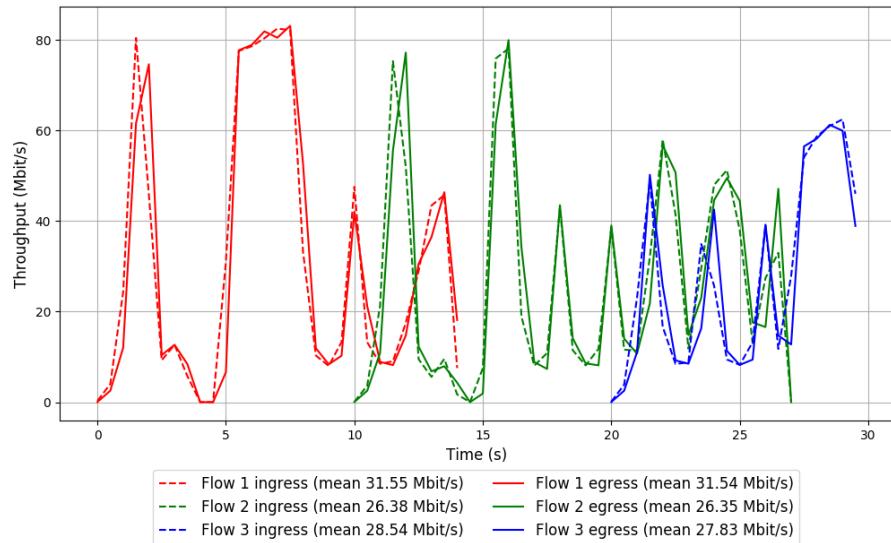


Run 6: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 00:58:22 +0000
End at: Mon, 10 Jul 2017 00:58:52 +0000
Local clock offset: -0.439 ms
Remote clock offset: -2.159 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 169.587 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 31.54 Mbit/s
95th percentile per-packet one-way delay: 163.046 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 174.357 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 27.83 Mbit/s
95th percentile per-packet one-way delay: 170.779 ms
Loss rate: 4.58%
```

Run 6: Report of QUIC Cubic — Data Link

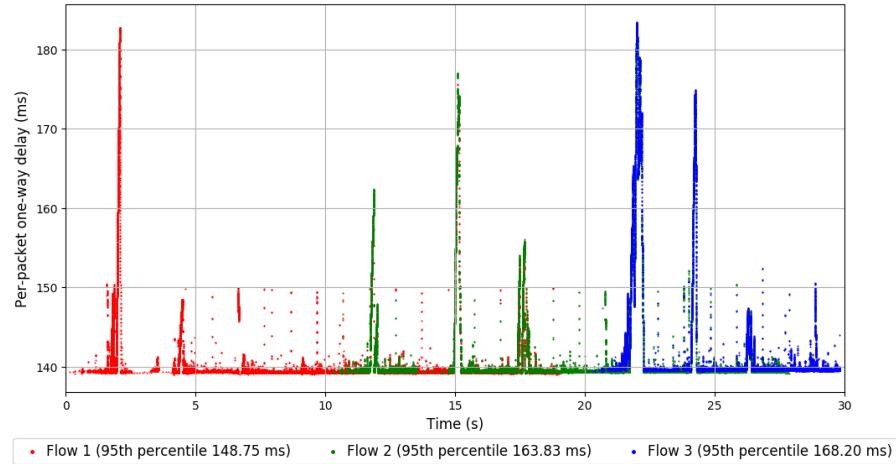
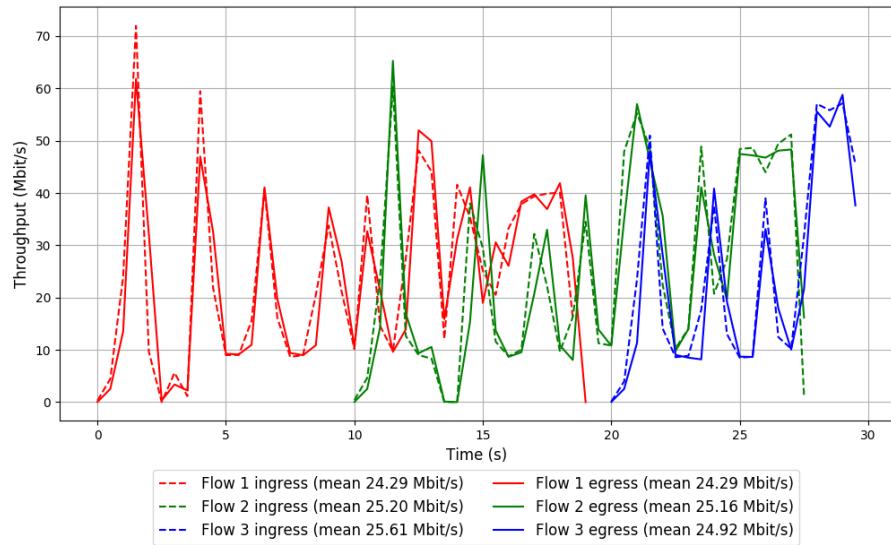


Run 7: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 01:18:15 +0000
End at: Mon, 10 Jul 2017 01:18:45 +0000
Local clock offset: 0.584 ms
Remote clock offset: -1.789 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.58 Mbit/s
95th percentile per-packet one-way delay: 161.681 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 148.752 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.16 Mbit/s
95th percentile per-packet one-way delay: 163.826 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 168.202 ms
Loss rate: 4.76%
```

Run 7: Report of QUIC Cubic — Data Link

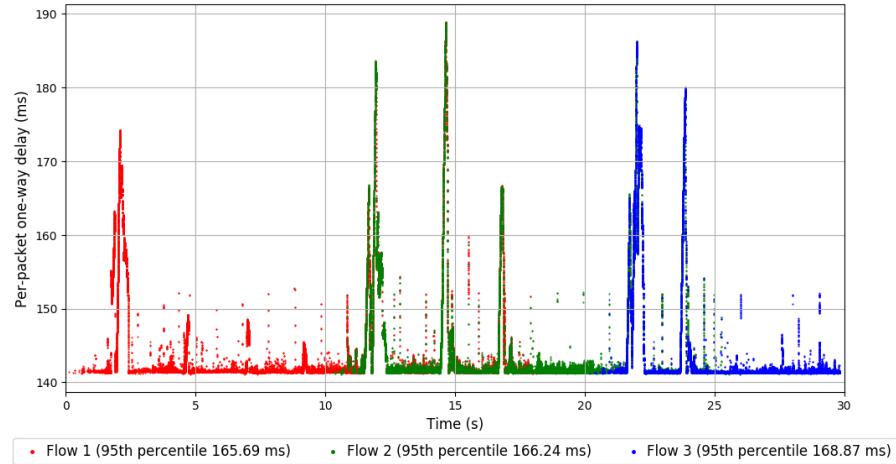
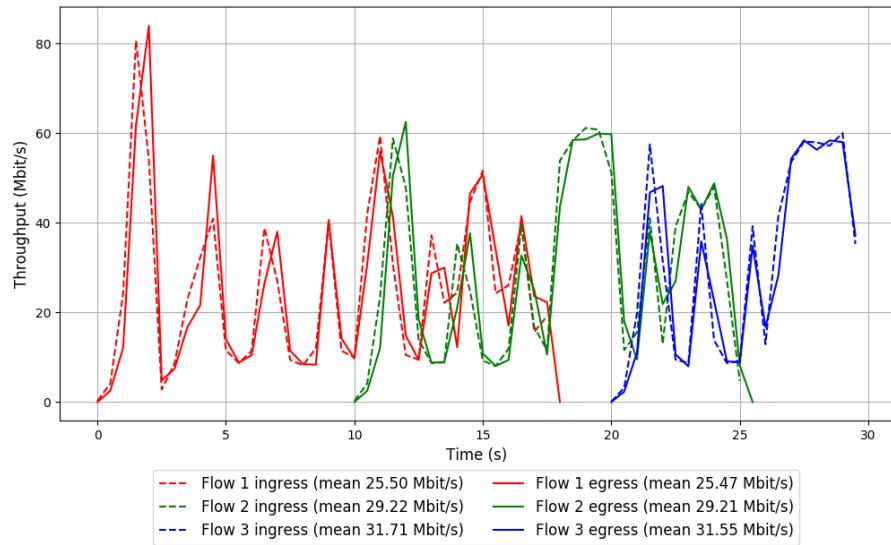


Run 8: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 01:38:15 +0000
End at: Mon, 10 Jul 2017 01:38:45 +0000
Local clock offset: -0.706 ms
Remote clock offset: 0.055 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:28 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.82 Mbit/s
95th percentile per-packet one-way delay: 166.169 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 25.47 Mbit/s
95th percentile per-packet one-way delay: 165.687 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 29.21 Mbit/s
95th percentile per-packet one-way delay: 166.241 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 168.869 ms
Loss rate: 2.58%
```

Run 8: Report of QUIC Cubic — Data Link

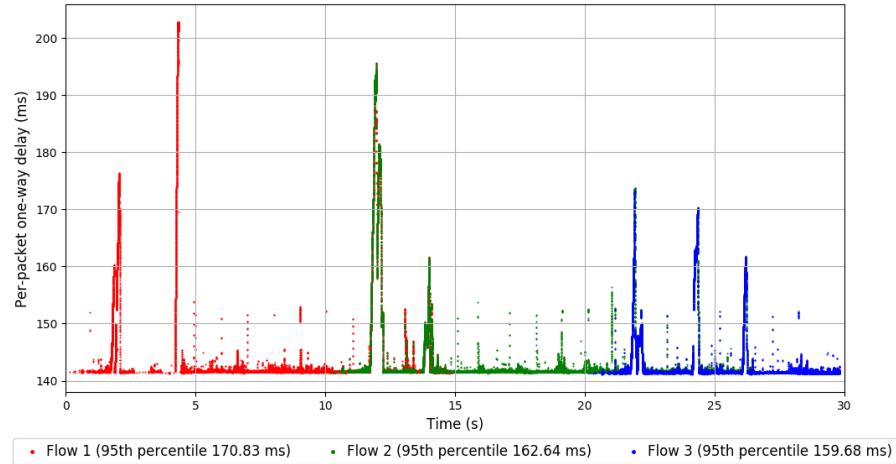
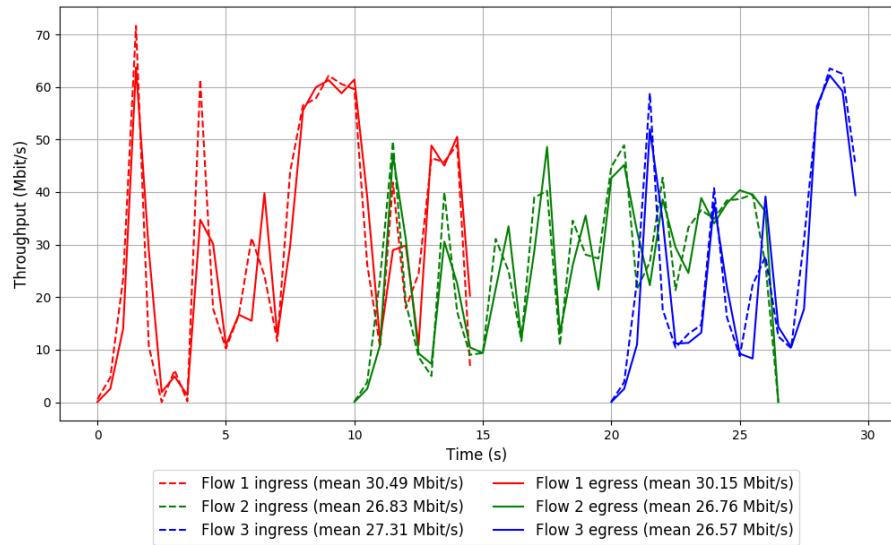


Run 9: Statistics of QUIC Cubic

```
Start at: Mon, 10 Jul 2017 01:58:07 +0000
End at: Mon, 10 Jul 2017 01:58:37 +0000
Local clock offset: -0.949 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.51 Mbit/s
95th percentile per-packet one-way delay: 162.959 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 170.833 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 26.76 Mbit/s
95th percentile per-packet one-way delay: 162.644 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 26.57 Mbit/s
95th percentile per-packet one-way delay: 159.682 ms
Loss rate: 4.76%
```

Run 9: Report of QUIC Cubic — Data Link

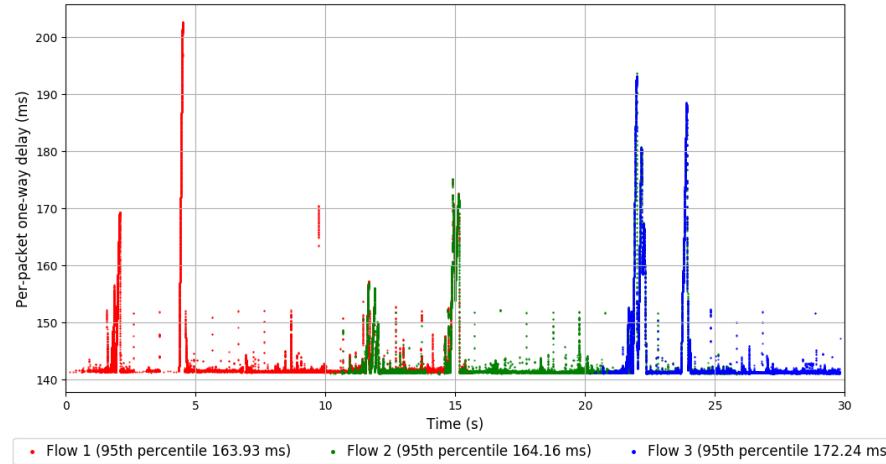
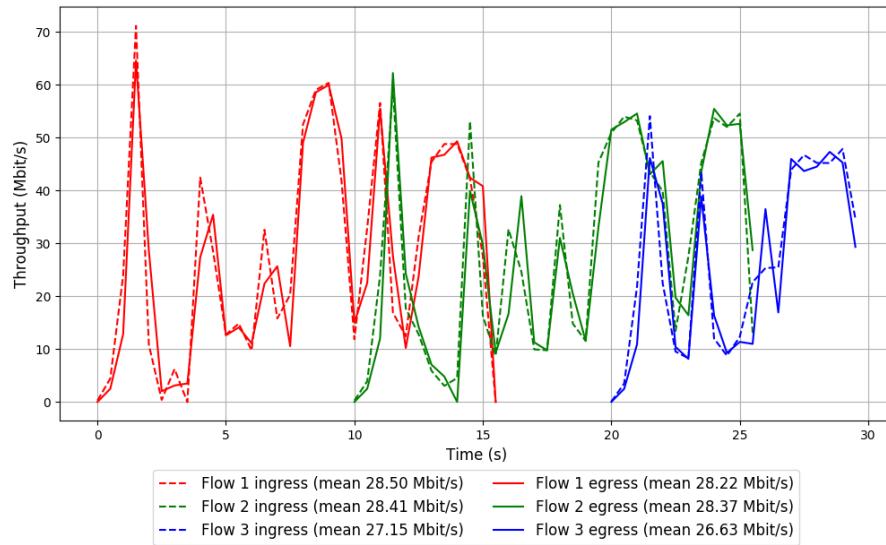


```
Run 10: Statistics of QUIC Cubic

Start at: Mon, 10 Jul 2017 02:18:00 +0000
End at: Mon, 10 Jul 2017 02:18:30 +0000
Local clock offset: -1.085 ms
Remote clock offset: -0.277 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 165.467 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 28.22 Mbit/s
95th percentile per-packet one-way delay: 163.933 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 28.37 Mbit/s
95th percentile per-packet one-way delay: 164.157 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 172.241 ms
Loss rate: 3.98%
```

Run 10: Report of QUIC Cubic — Data Link

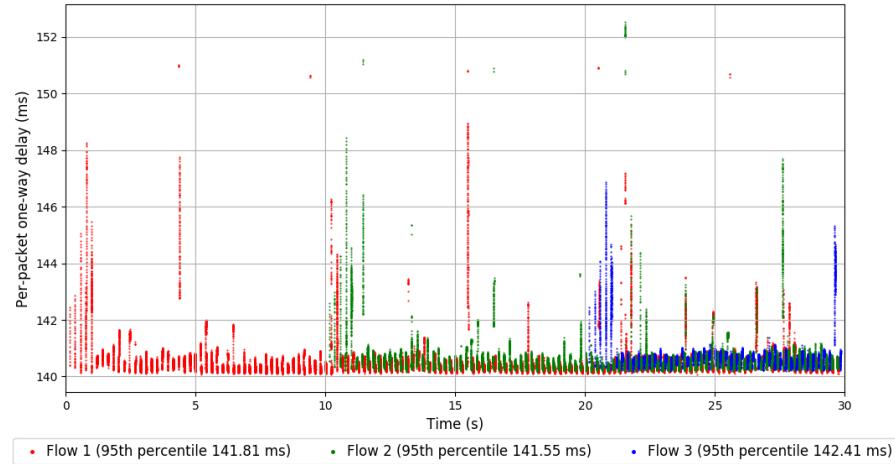
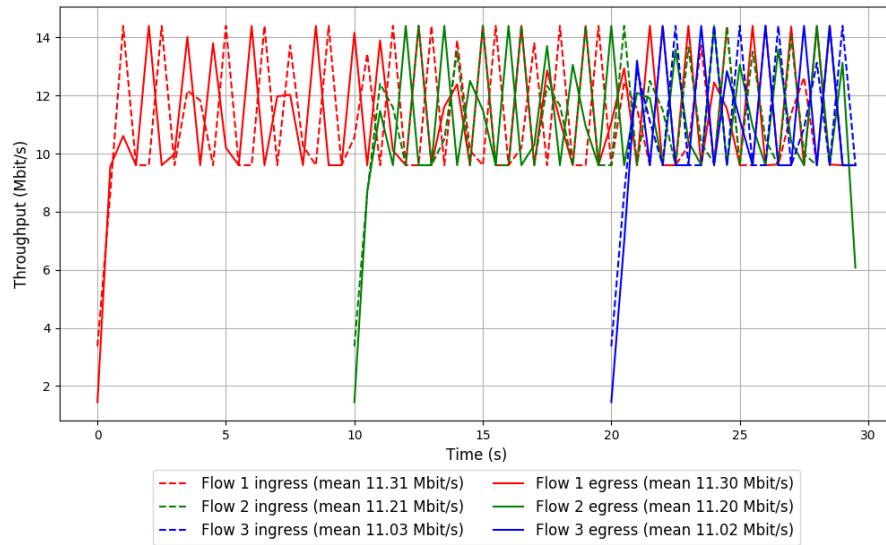


Run 1: Statistics of Saturator

```
Start at: Sun, 09 Jul 2017 23:34:28 +0000
End at: Sun, 09 Jul 2017 23:34:58 +0000
Local clock offset: -0.375 ms
Remote clock offset: -0.907 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:37 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.25 Mbit/s
95th percentile per-packet one-way delay: 141.827 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 141.815 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 11.20 Mbit/s
95th percentile per-packet one-way delay: 141.550 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 142.405 ms
Loss rate: 2.20%
```

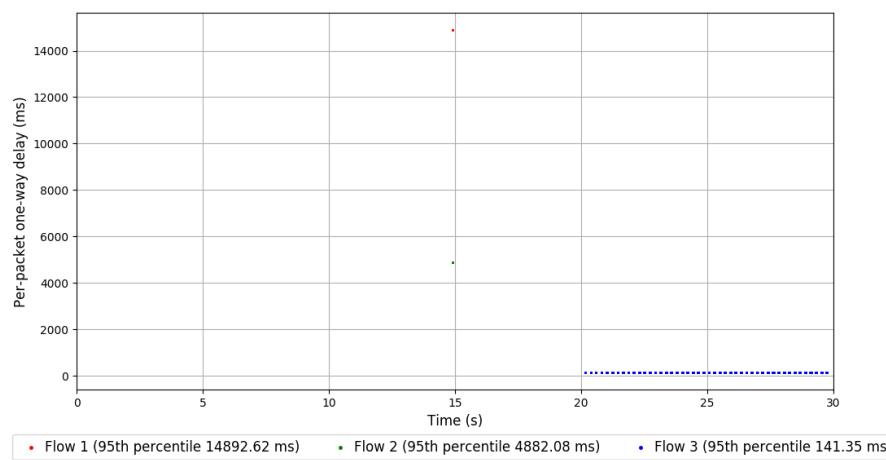
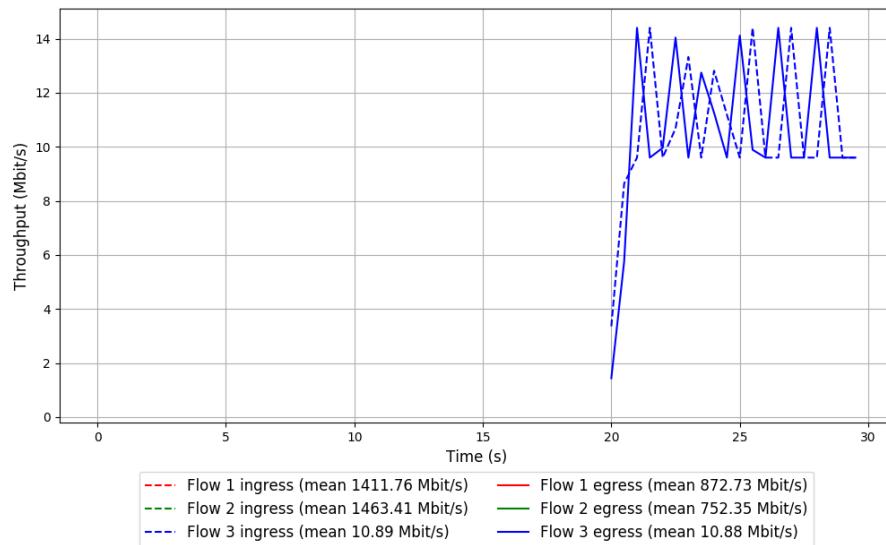
Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sun, 09 Jul 2017 23:54:23 +0000
End at: Sun, 09 Jul 2017 23:54:53 +0000
Local clock offset: 0.433 ms
Remote clock offset: -1.275 ms

Run 2: Report of Saturator — Data Link

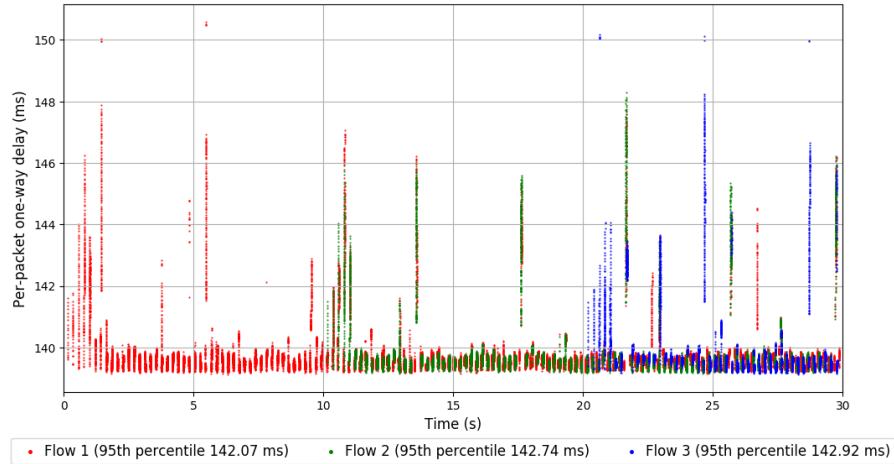
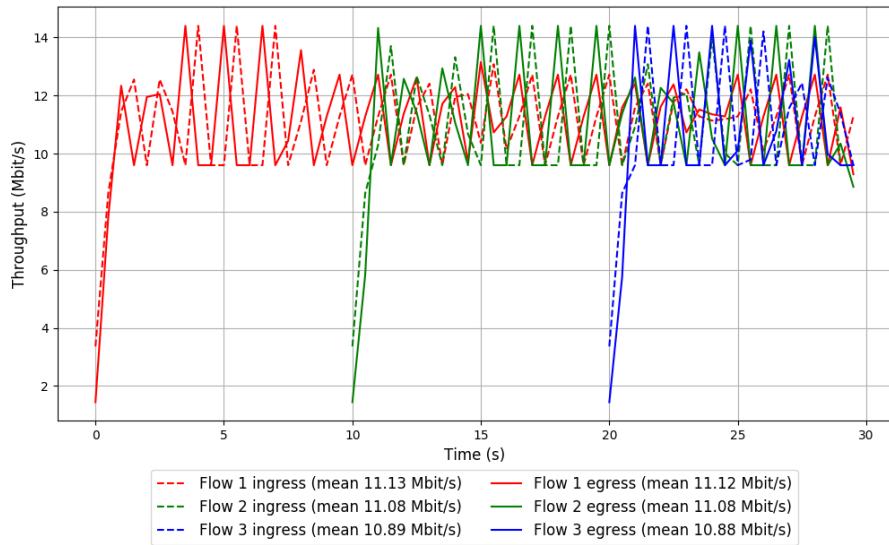


Run 3: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:14:19 +0000
End at: Mon, 10 Jul 2017 00:14:49 +0000
Local clock offset: -0.664 ms
Remote clock offset: -1.921 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.94 Mbit/s
95th percentile per-packet one-way delay: 142.487 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 11.12 Mbit/s
95th percentile per-packet one-way delay: 142.068 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 11.08 Mbit/s
95th percentile per-packet one-way delay: 142.739 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 10.88 Mbit/s
95th percentile per-packet one-way delay: 142.924 ms
Loss rate: 2.25%
```

Run 3: Report of Saturator — Data Link

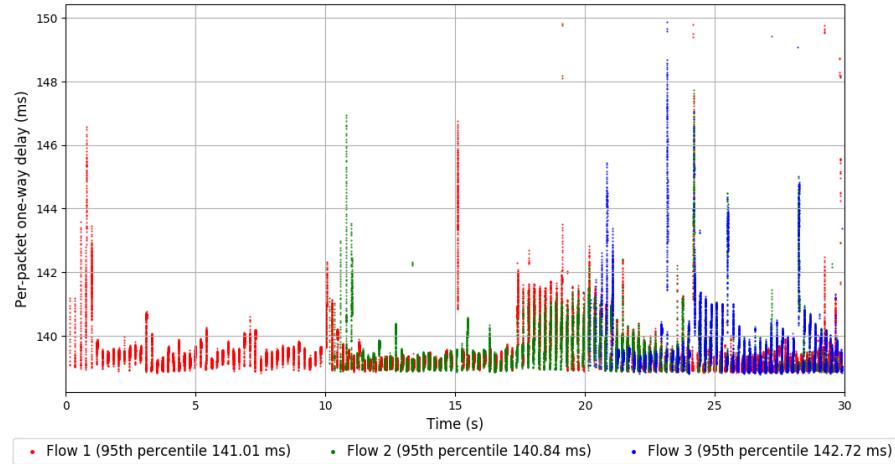
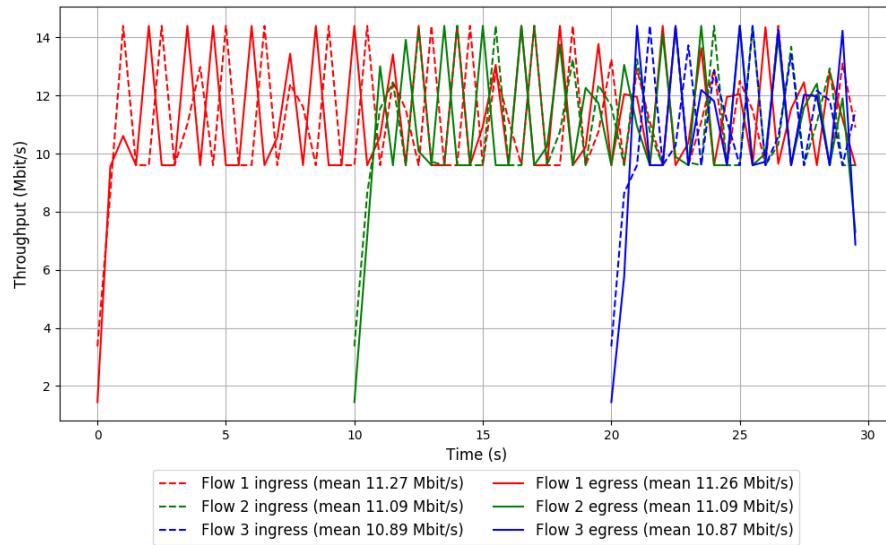


Run 4: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:34:26 +0000
End at: Mon, 10 Jul 2017 00:34:56 +0000
Local clock offset: -0.573 ms
Remote clock offset: -2.153 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:41 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 141.108 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 11.26 Mbit/s
95th percentile per-packet one-way delay: 141.007 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 11.09 Mbit/s
95th percentile per-packet one-way delay: 140.840 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 142.722 ms
Loss rate: 2.22%
```

Run 4: Report of Saturator — Data Link

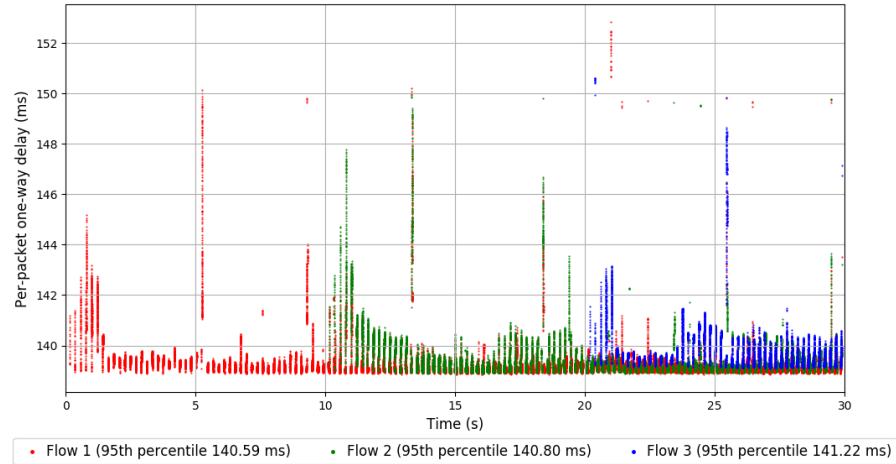
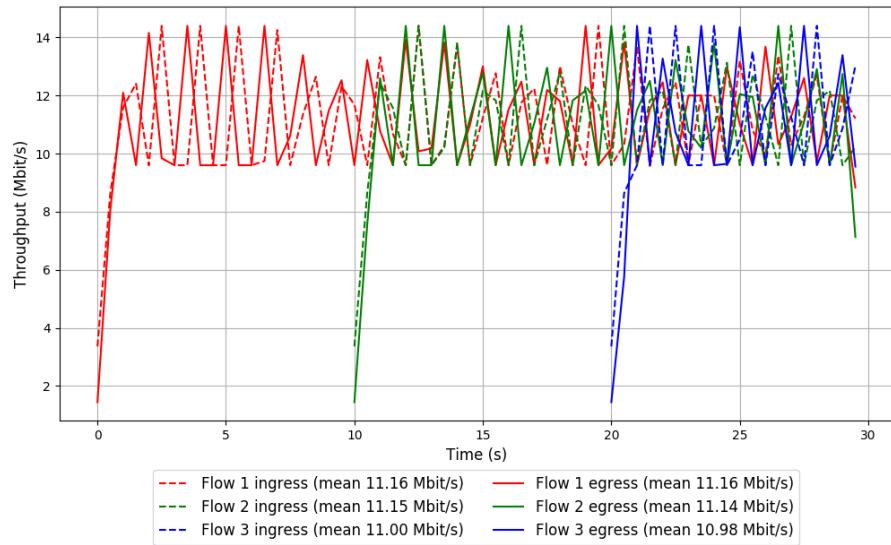


Run 5: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 00:54:25 +0000
End at: Mon, 10 Jul 2017 00:54:55 +0000
Local clock offset: -0.627 ms
Remote clock offset: -2.156 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 140.821 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 140.595 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 140.802 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 10.98 Mbit/s
95th percentile per-packet one-way delay: 141.218 ms
Loss rate: 2.18%
```

Run 5: Report of Saturator — Data Link

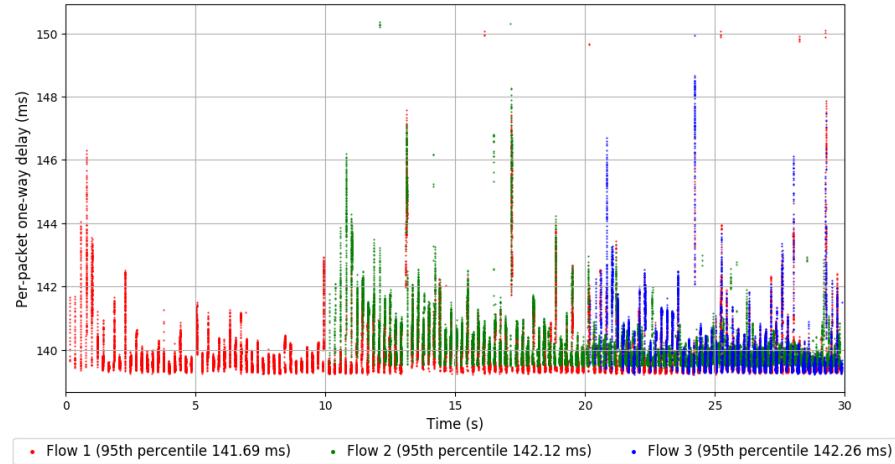
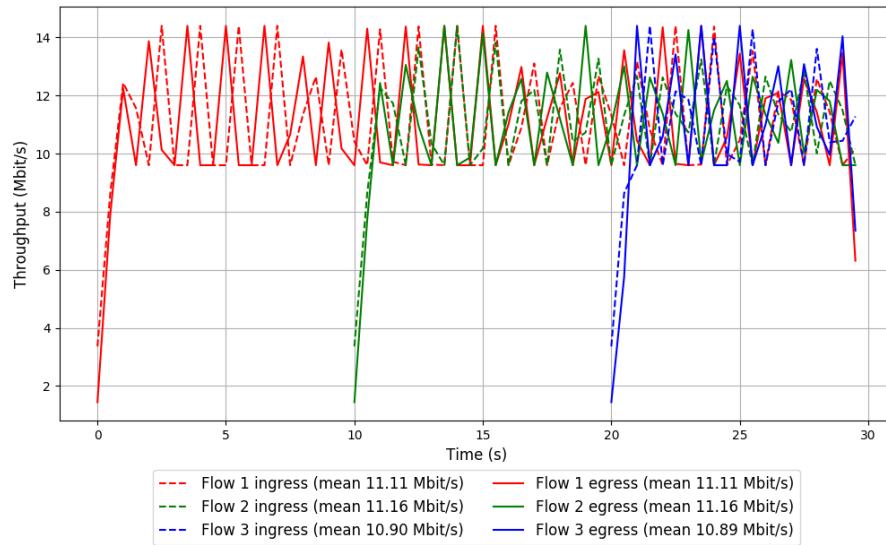


Run 6: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:14:14 +0000
End at: Mon, 10 Jul 2017 01:14:44 +0000
Local clock offset: -0.428 ms
Remote clock offset: -1.802 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:45 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 141.980 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 141.686 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 142.115 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 10.89 Mbit/s
95th percentile per-packet one-way delay: 142.258 ms
Loss rate: 2.21%
```

Run 6: Report of Saturator — Data Link

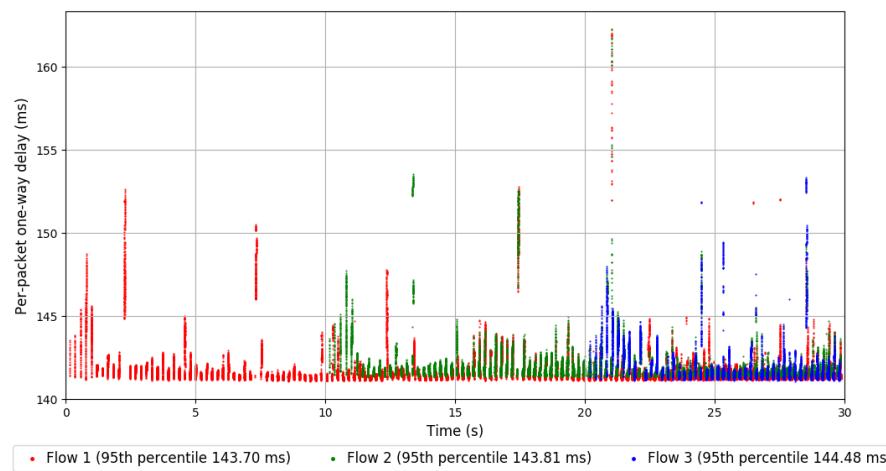
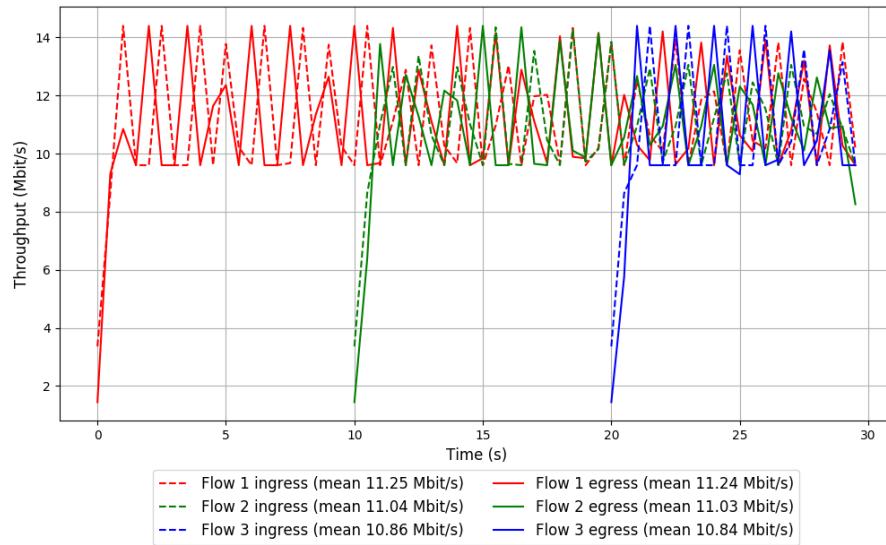


Run 7: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:34:14 +0000
End at: Mon, 10 Jul 2017 01:34:44 +0000
Local clock offset: -0.655 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:48 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.06 Mbit/s
95th percentile per-packet one-way delay: 143.896 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 143.702 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 143.808 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 10.84 Mbit/s
95th percentile per-packet one-way delay: 144.478 ms
Loss rate: 2.39%
```

Run 7: Report of Saturator — Data Link

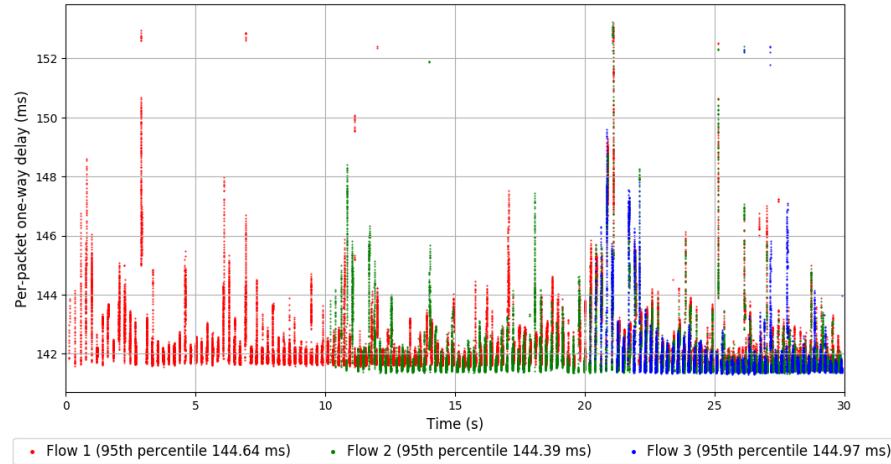
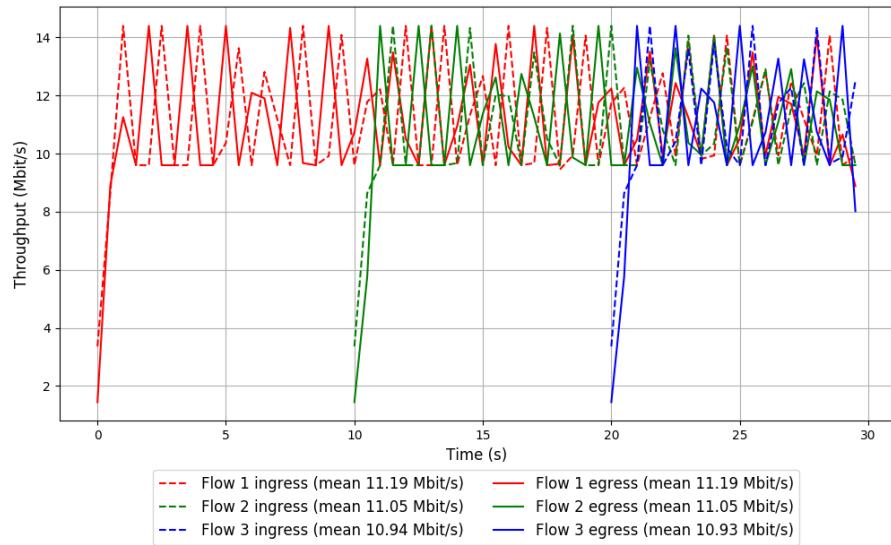


Run 8: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 01:54:11 +0000
End at: Mon, 10 Jul 2017 01:54:41 +0000
Local clock offset: 0.305 ms
Remote clock offset: -0.123 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 144.608 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 144.636 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 144.391 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 144.968 ms
Loss rate: 2.20%
```

Run 8: Report of Saturator — Data Link

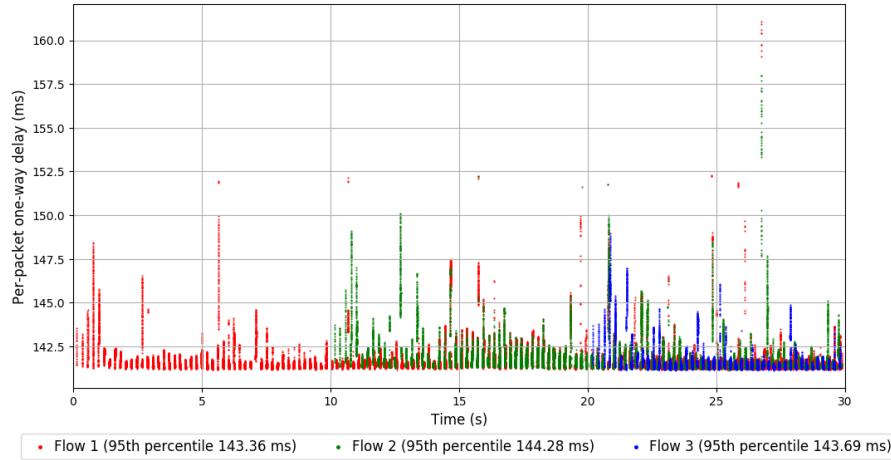
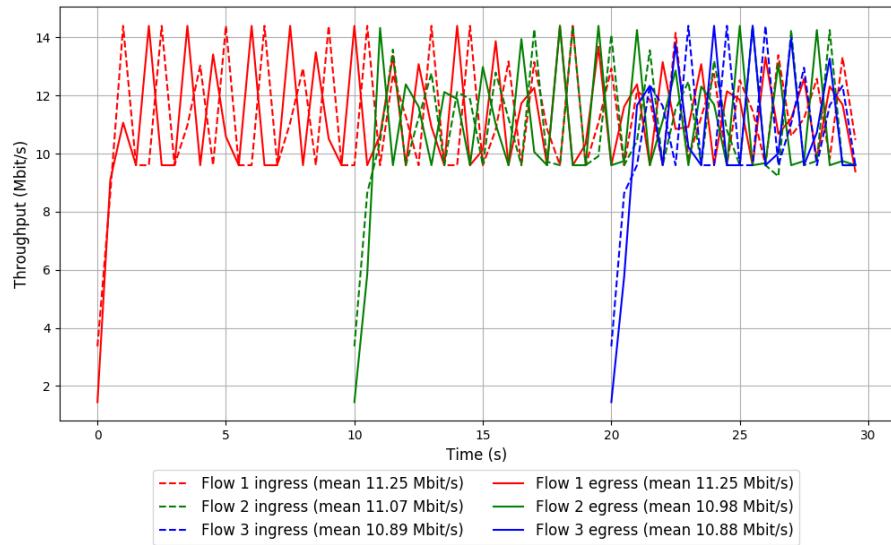


Run 9: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 02:14:03 +0000
End at: Mon, 10 Jul 2017 02:14:33 +0000
Local clock offset: -0.913 ms
Remote clock offset: -0.326 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 143.756 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 11.25 Mbit/s
95th percentile per-packet one-way delay: 143.360 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 10.98 Mbit/s
95th percentile per-packet one-way delay: 144.278 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 10.88 Mbit/s
95th percentile per-packet one-way delay: 143.693 ms
Loss rate: 2.25%
```

Run 9: Report of Saturator — Data Link

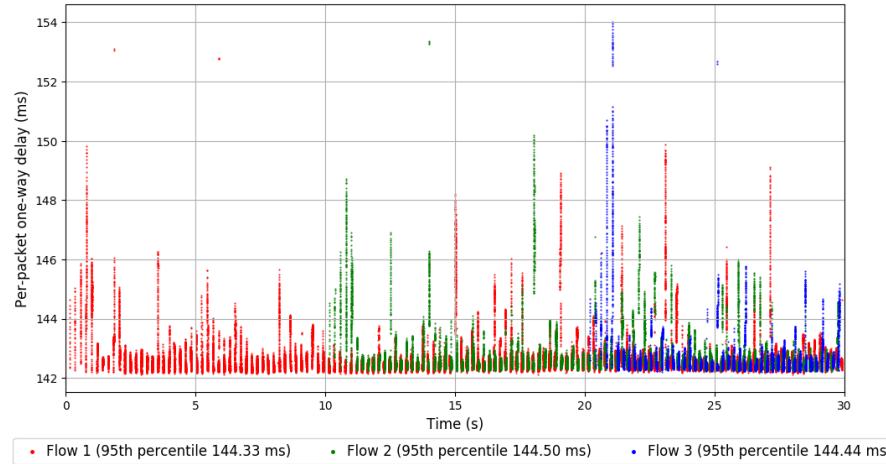
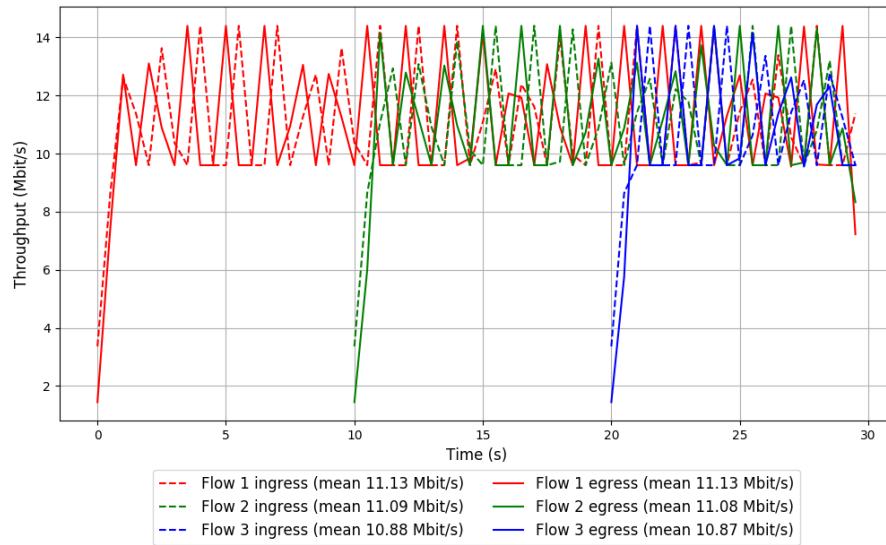


Run 10: Statistics of Saturator

```
Start at: Mon, 10 Jul 2017 02:33:56 +0000
End at: Mon, 10 Jul 2017 02:34:26 +0000
Local clock offset: -1.108 ms
Remote clock offset: 0.485 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.94 Mbit/s
95th percentile per-packet one-way delay: 144.415 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 11.13 Mbit/s
95th percentile per-packet one-way delay: 144.332 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 11.08 Mbit/s
95th percentile per-packet one-way delay: 144.501 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 144.440 ms
Loss rate: 2.25%
```

Run 10: Report of Saturator — Data Link

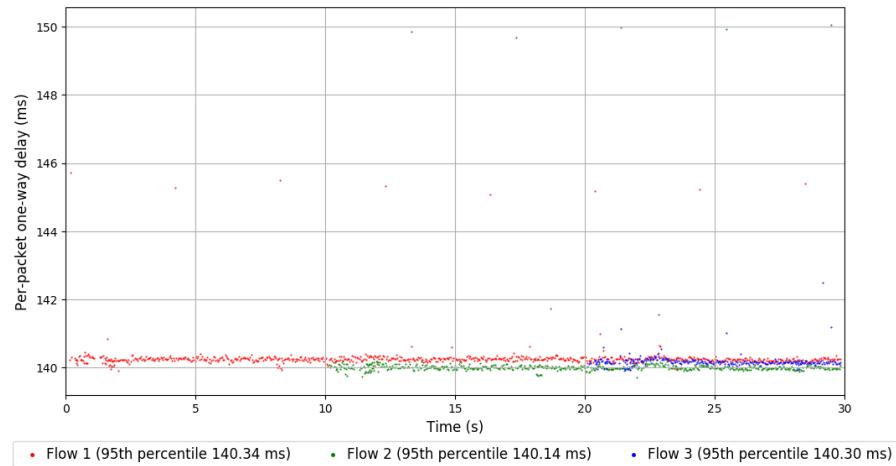
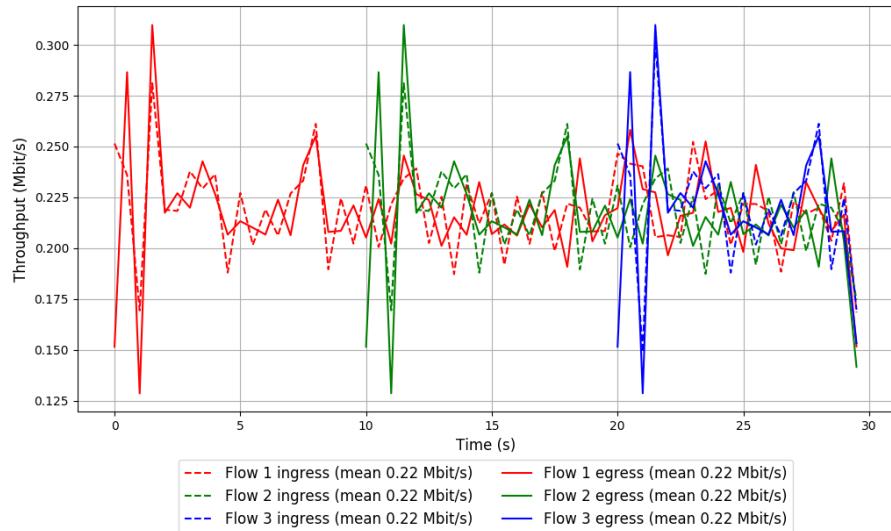


Run 1: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:23:40 +0000
End at: Sun, 09 Jul 2017 23:24:11 +0000
Local clock offset: -0.504 ms
Remote clock offset: -1.22 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 140.328 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 140.345 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 140.136 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 140.299 ms
Loss rate: 1.88%
```

Run 1: Report of SCReAM — Data Link

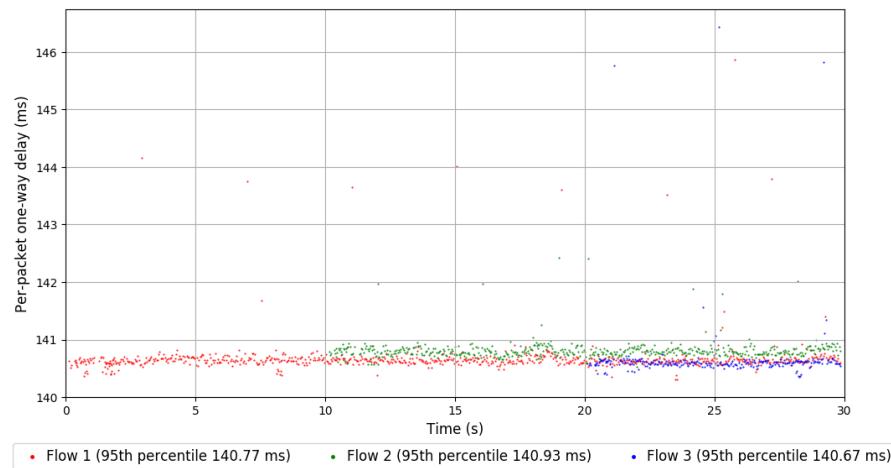
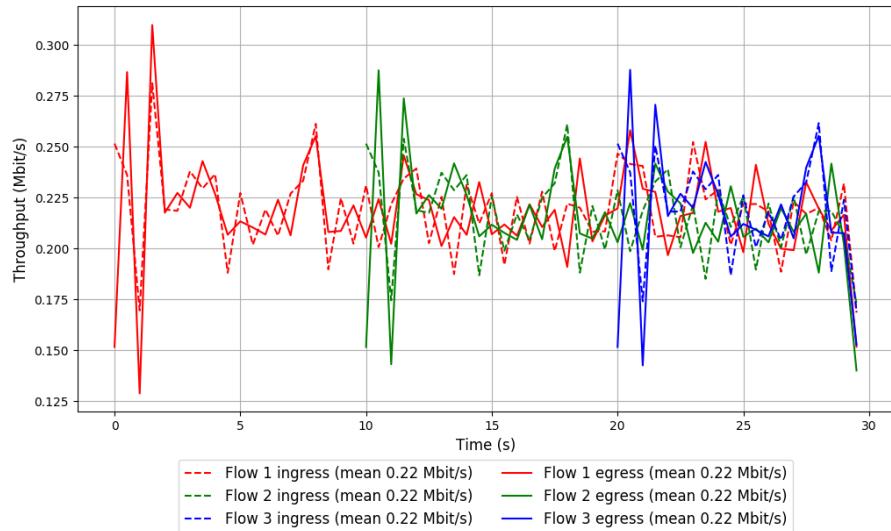


Run 2: Statistics of SCReAM

```
Start at: Sun, 09 Jul 2017 23:43:36 +0000
End at: Sun, 09 Jul 2017 23:44:06 +0000
Local clock offset: -0.511 ms
Remote clock offset: -0.72 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 140.897 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 140.767 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 140.933 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 140.674 ms
Loss rate: 1.89%
```

Run 2: Report of SCReAM — Data Link

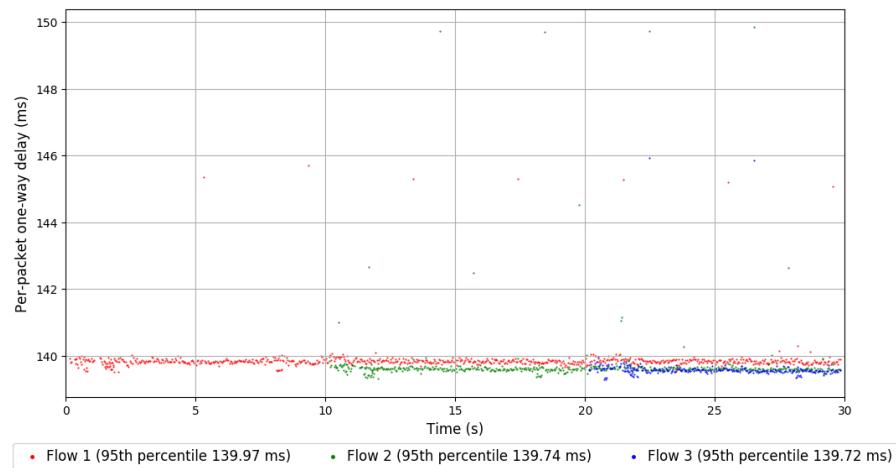
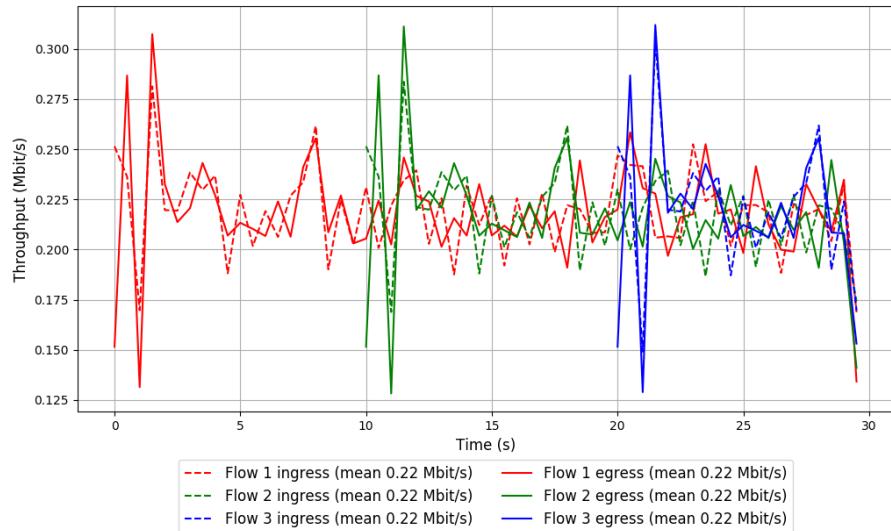


Run 3: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:03:33 +0000
End at: Mon, 10 Jul 2017 00:04:03 +0000
Local clock offset: -0.555 ms
Remote clock offset: -1.864 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 139.942 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.966 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.738 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.718 ms
Loss rate: 1.88%
```

Run 3: Report of SCReAM — Data Link

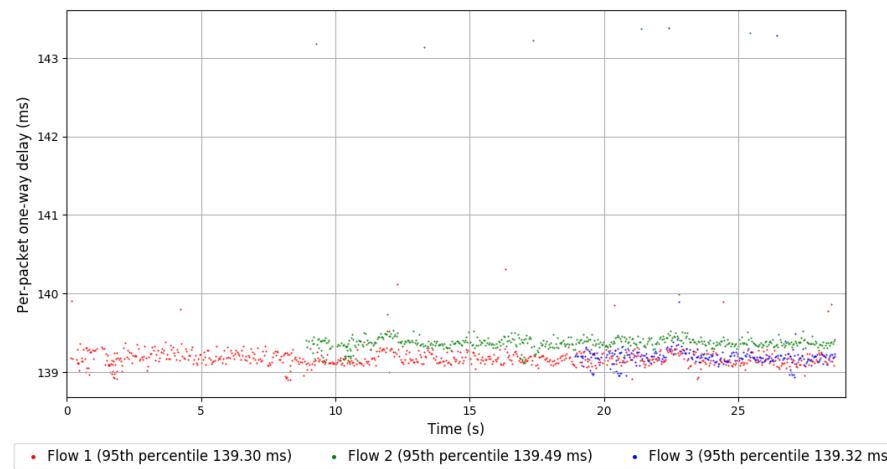
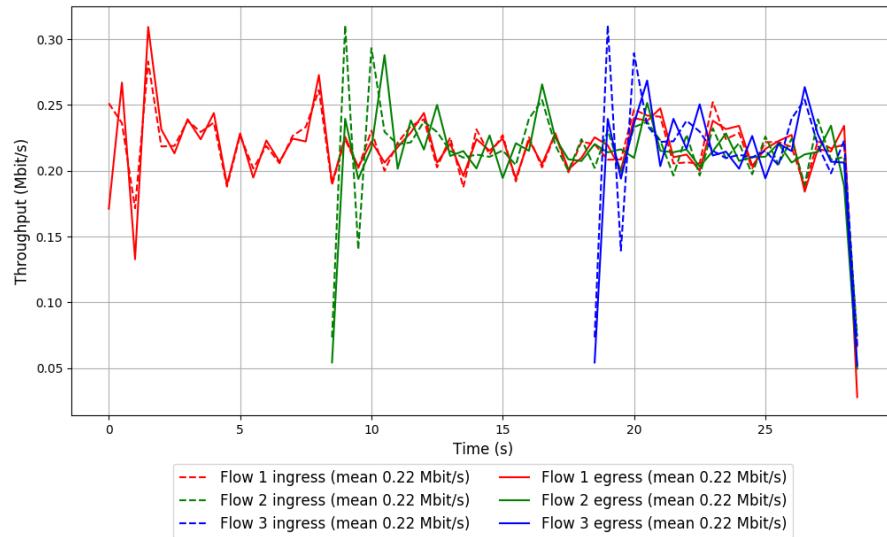


Run 4: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:23:27 +0000
End at: Mon, 10 Jul 2017 00:23:57 +0000
Local clock offset: 0.588 ms
Remote clock offset: -2.212 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 139.451 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.304 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.491 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.317 ms
Loss rate: 1.88%
```

Run 4: Report of SCReAM — Data Link

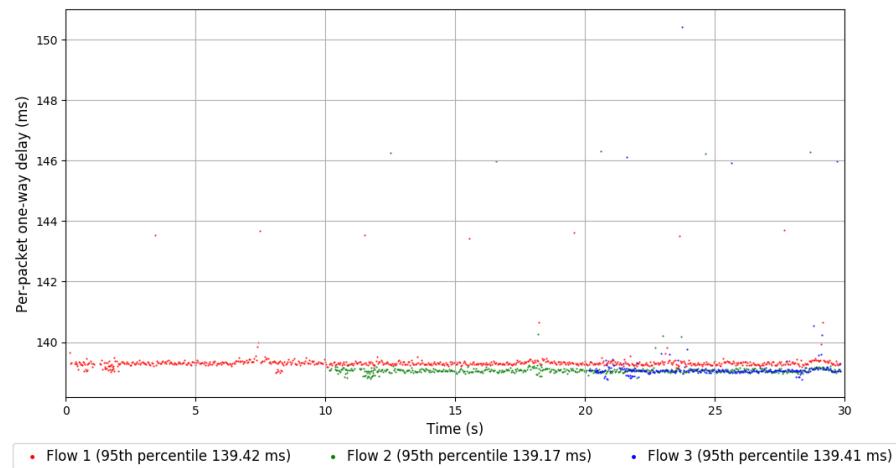
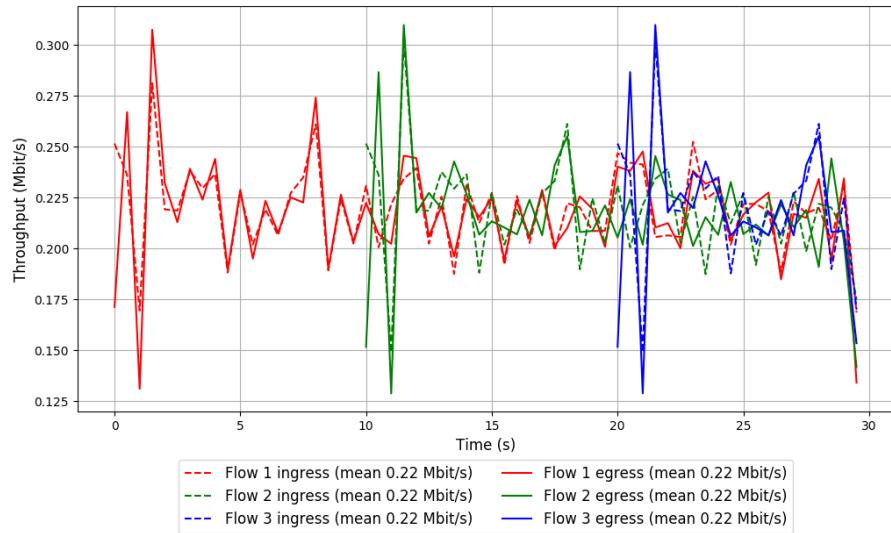


Run 5: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 00:43:38 +0000
End at: Mon, 10 Jul 2017 00:44:08 +0000
Local clock offset: 0.59 ms
Remote clock offset: -2.363 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 139.404 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.424 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.174 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.411 ms
Loss rate: 1.88%
```

Run 5: Report of SCReAM — Data Link

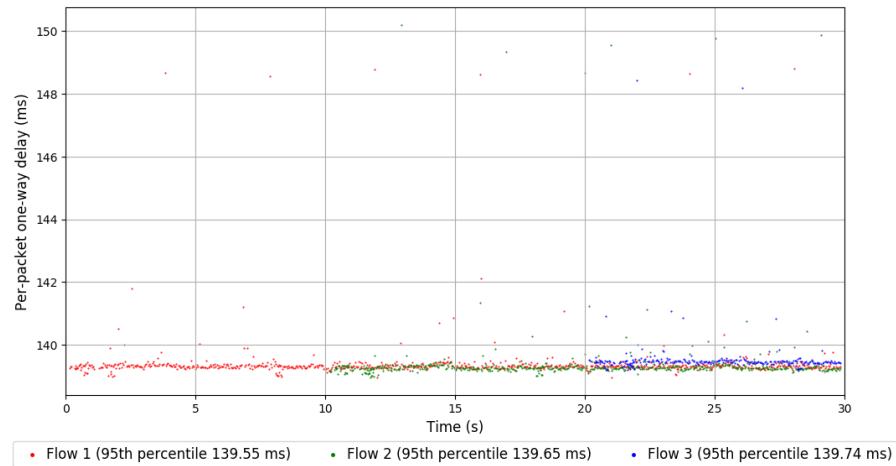
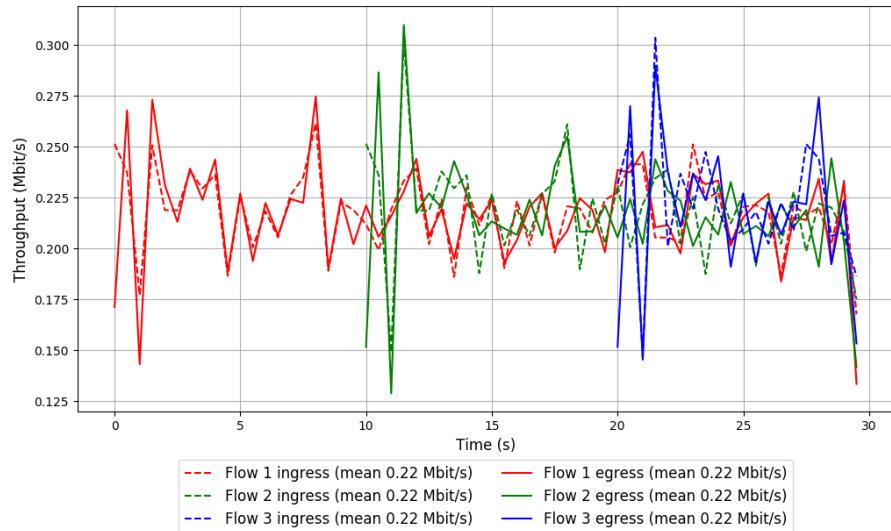


Run 6: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:03:33 +0000
End at: Mon, 10 Jul 2017 01:04:03 +0000
Local clock offset: -0.557 ms
Remote clock offset: -2.045 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 139.613 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.554 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.646 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.735 ms
Loss rate: 1.88%
```

Run 6: Report of SCReAM — Data Link

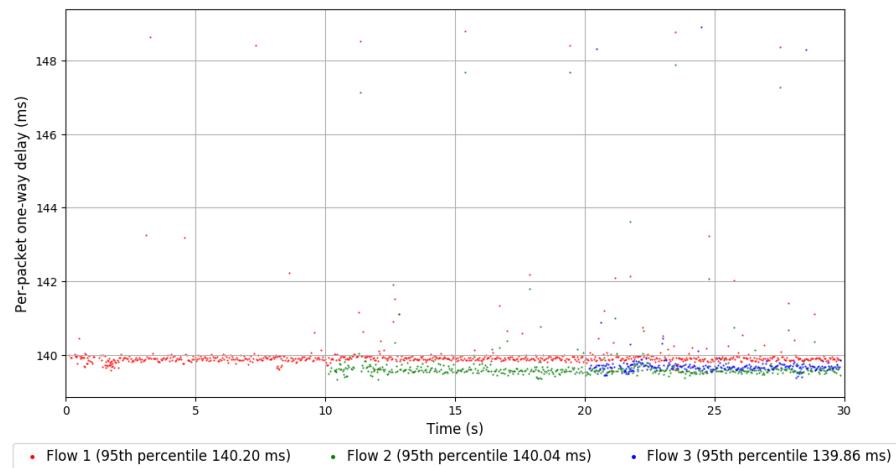
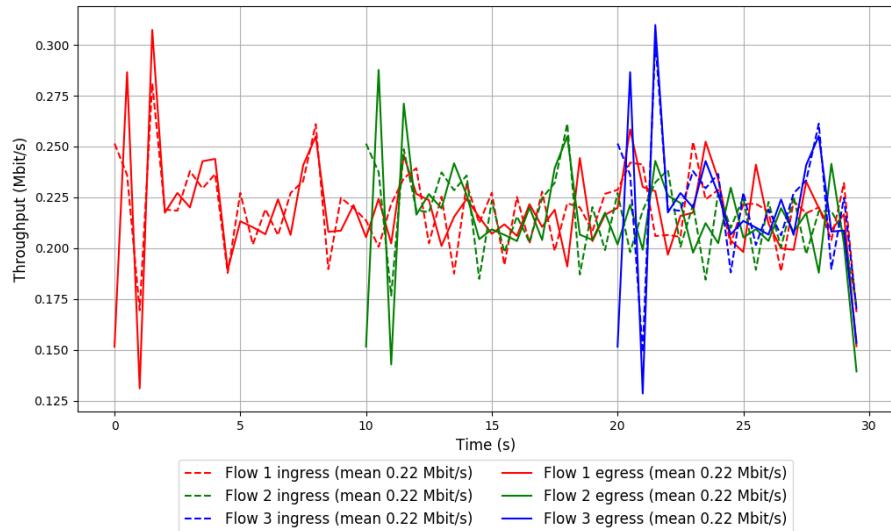


Run 7: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:23:36 +0000
End at: Mon, 10 Jul 2017 01:24:06 +0000
Local clock offset: 0.675 ms
Remote clock offset: -1.692 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 140.070 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 140.196 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 140.036 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 139.857 ms
Loss rate: 1.88%
```

Run 7: Report of SCReAM — Data Link

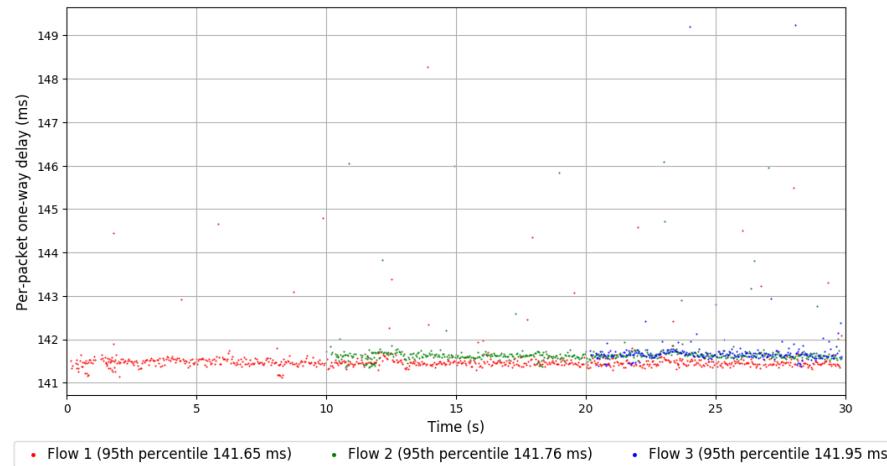
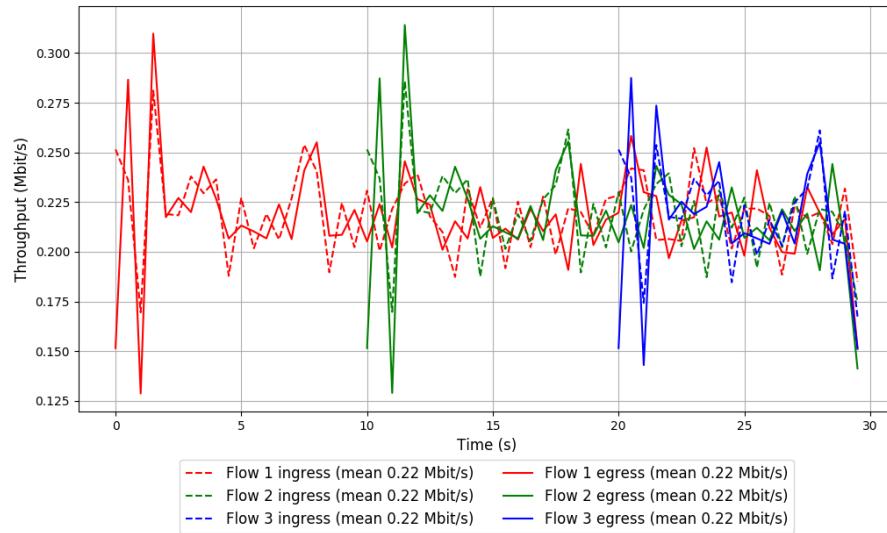


Run 8: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 01:43:31 +0000
End at: Mon, 10 Jul 2017 01:44:01 +0000
Local clock offset: -0.719 ms
Remote clock offset: -0.075 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 141.767 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 141.647 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 141.764 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 141.948 ms
Loss rate: 1.88%
```

Run 8: Report of SCReAM — Data Link

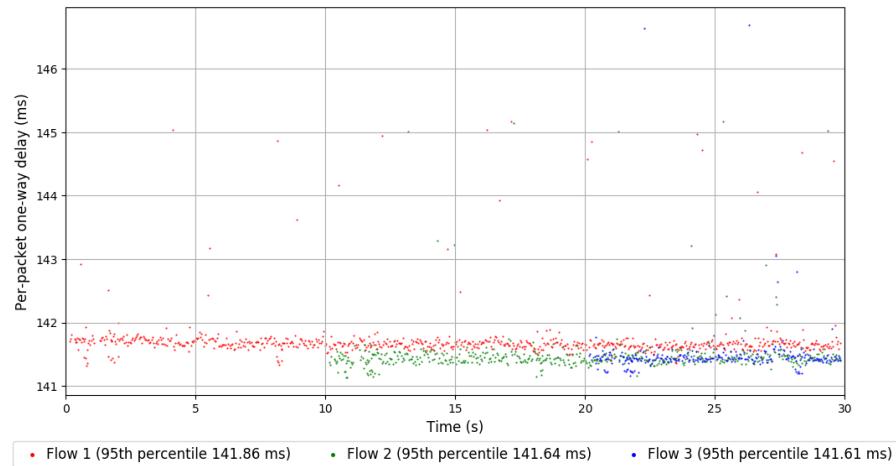
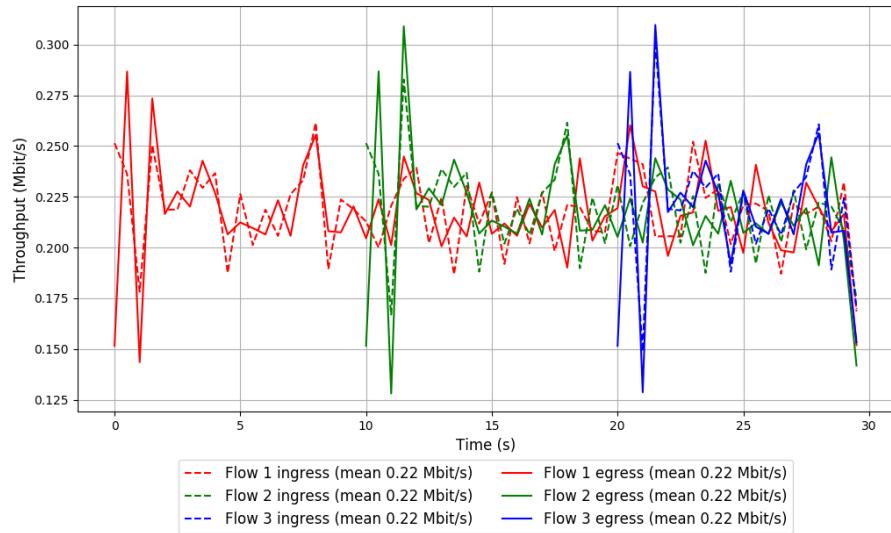


Run 9: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 02:03:18 +0000
End at: Mon, 10 Jul 2017 02:03:48 +0000
Local clock offset: -0.92 ms
Remote clock offset: -0.266 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:06:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 141.800 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 141.860 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 141.639 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 141.608 ms
Loss rate: 1.88%
```

Run 9: Report of SCReAM — Data Link

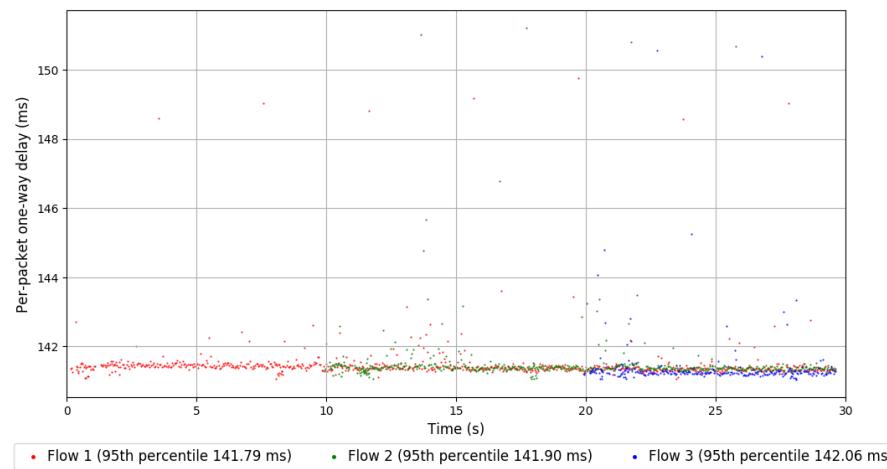
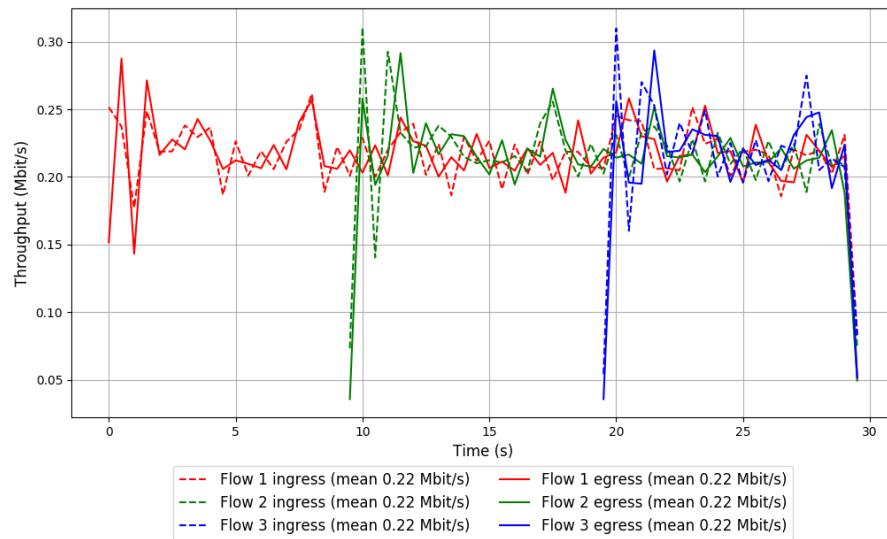


Run 10: Statistics of SCReAM

```
Start at: Mon, 10 Jul 2017 02:23:12 +0000
End at: Mon, 10 Jul 2017 02:23:42 +0000
Local clock offset: -1.079 ms
Remote clock offset: -0.446 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 141.875 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 141.787 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 141.902 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 142.060 ms
Loss rate: 1.88%
```

Run 10: Report of SCReAM — Data Link

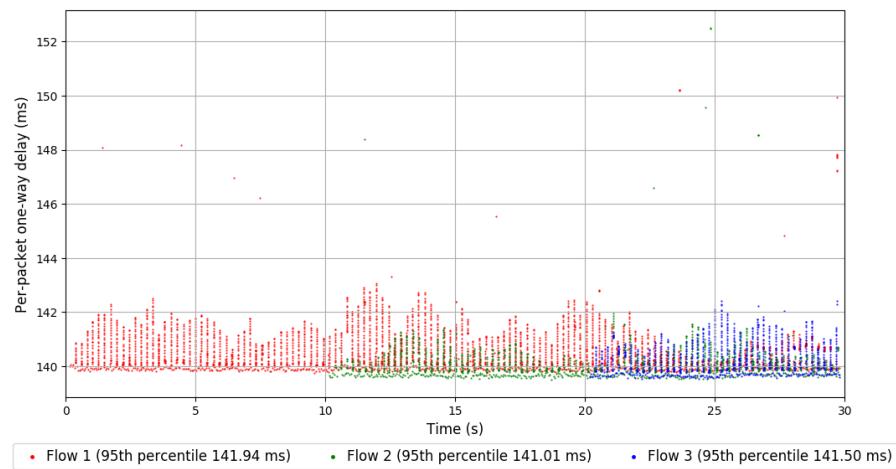
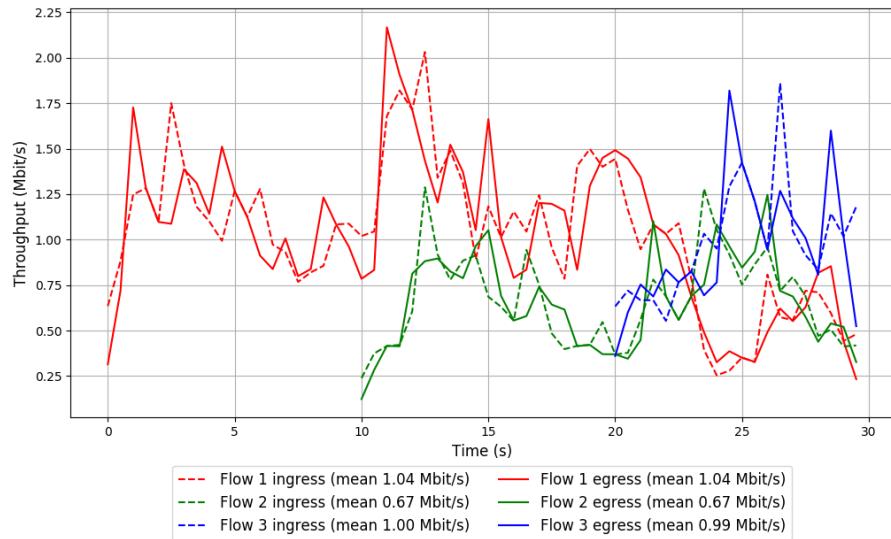


Run 1: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:19:47 +0000
End at: Sun, 09 Jul 2017 23:20:17 +0000
Local clock offset: 0.677 ms
Remote clock offset: -1.328 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:01 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 141.732 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 1.04 Mbit/s
95th percentile per-packet one-way delay: 141.943 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 141.008 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 141.498 ms
Loss rate: 3.36%
```

Run 1: Report of Sprout — Data Link

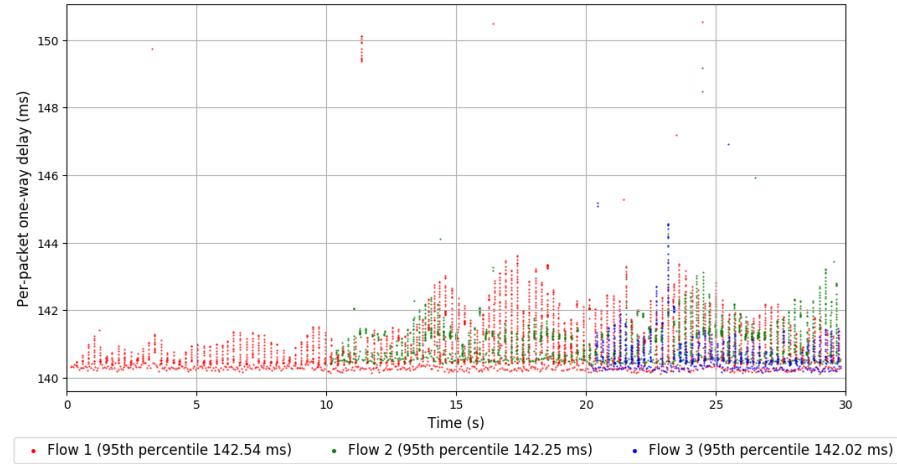
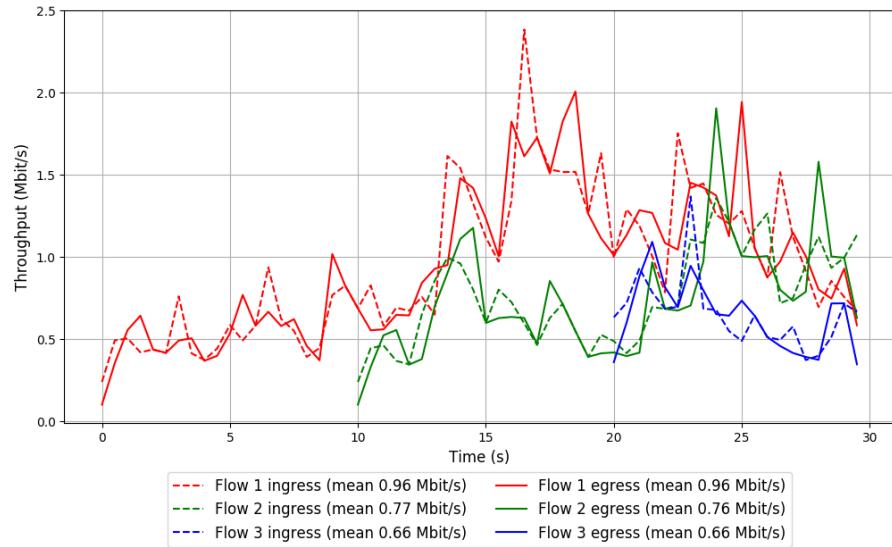


Run 2: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:39:42 +0000
End at: Sun, 09 Jul 2017 23:40:12 +0000
Local clock offset: -0.65 ms
Remote clock offset: -0.785 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.68 Mbit/s
95th percentile per-packet one-way delay: 142.409 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 142.536 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 142.248 ms
Loss rate: 1.68%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 142.017 ms
Loss rate: 2.45%
```

Run 2: Report of Sprout — Data Link

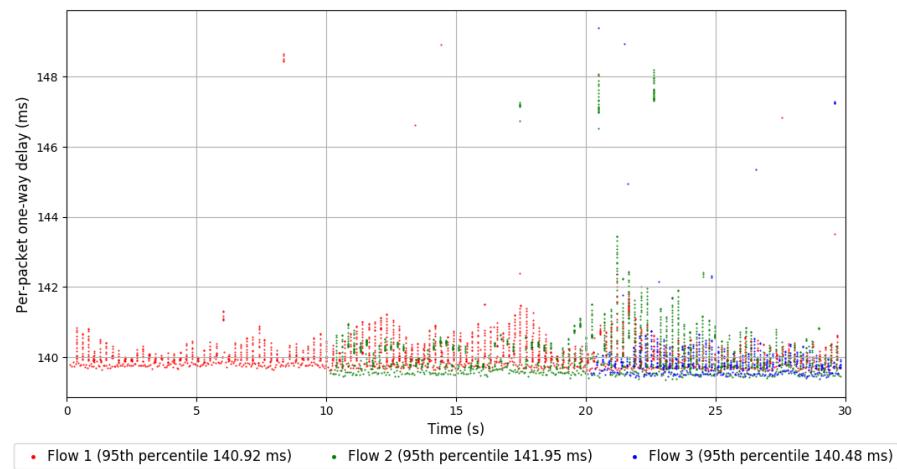
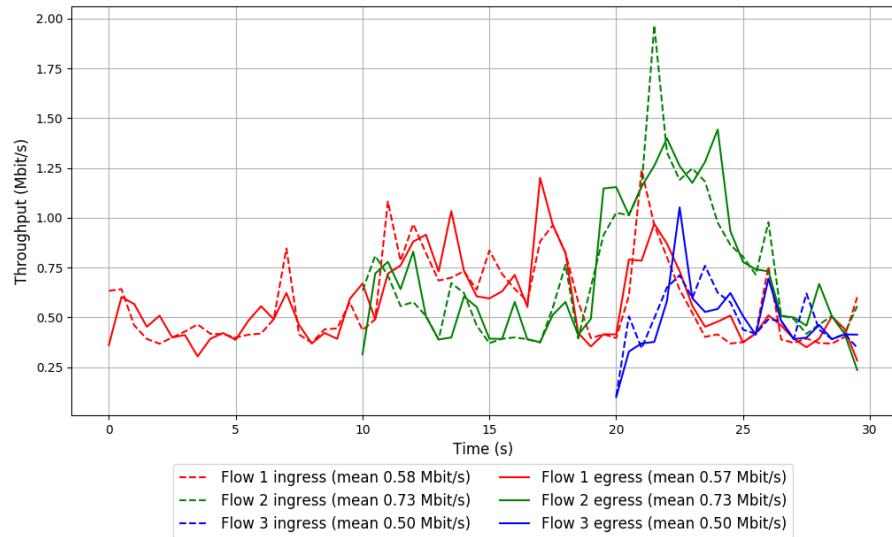


Run 3: Statistics of Sprout

```
Start at: Sun, 09 Jul 2017 23:59:40 +0000
End at: Mon, 10 Jul 2017 00:00:10 +0000
Local clock offset: 0.482 ms
Remote clock offset: -1.639 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:02 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 141.201 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 140.918 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 141.946 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 140.484 ms
Loss rate: 1.43%
```

Run 3: Report of Sprout — Data Link

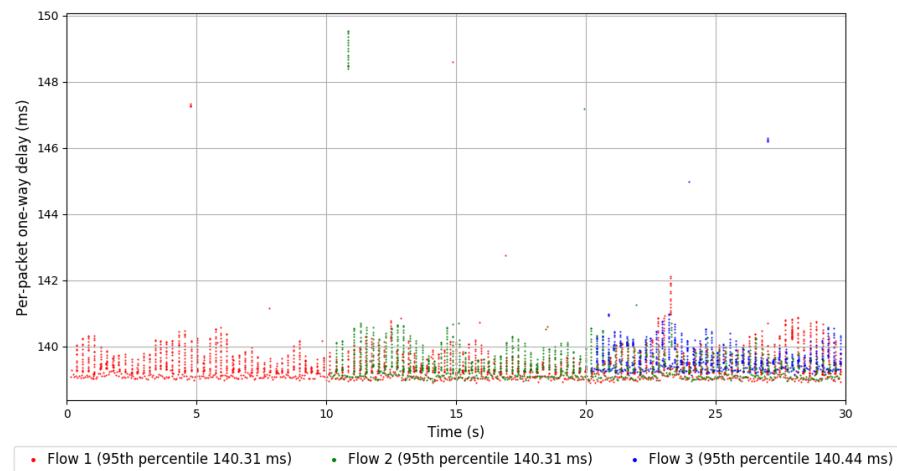
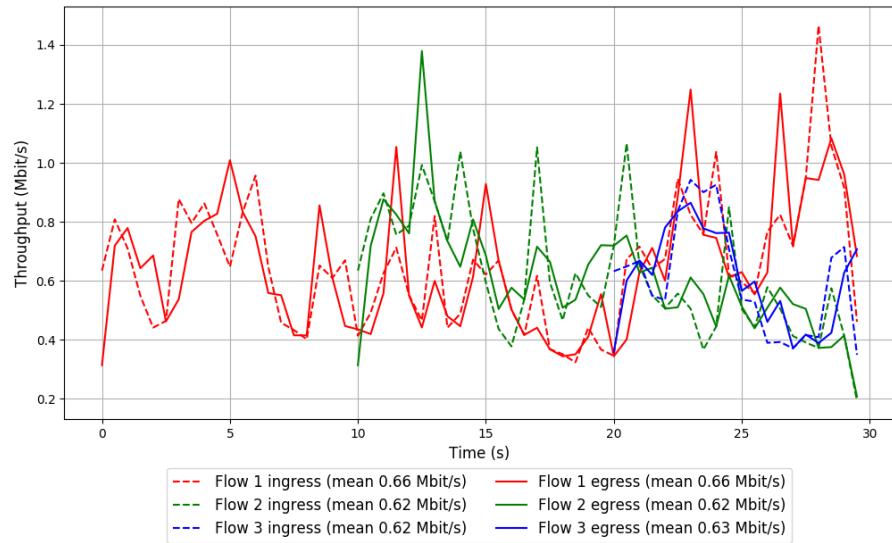


Run 4: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:19:33 +0000
End at: Mon, 10 Jul 2017 00:20:03 +0000
Local clock offset: 0.713 ms
Remote clock offset: -2.082 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 140.347 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 140.314 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 140.309 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 140.436 ms
Loss rate: 0.05%
```

Run 4: Report of Sprout — Data Link

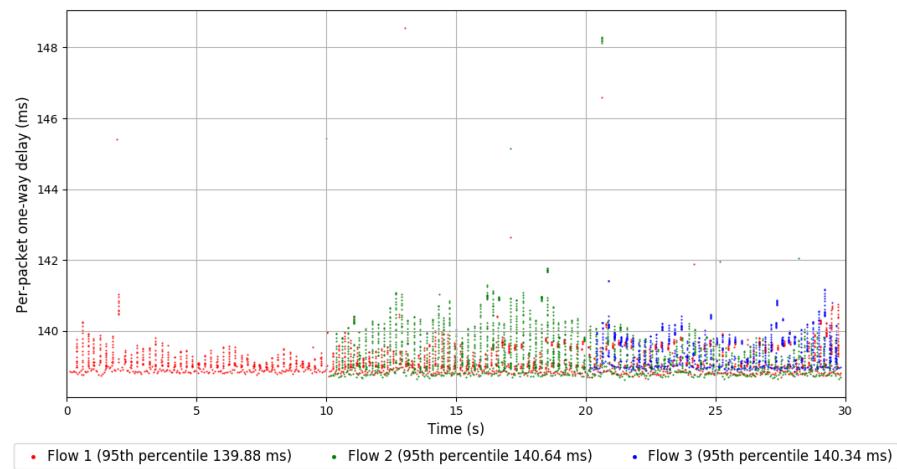
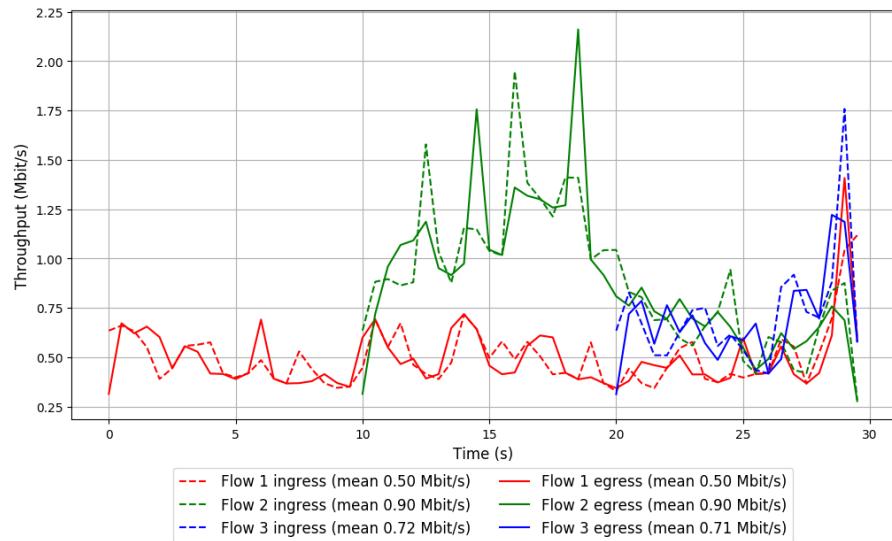


Run 5: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:39:40 +0000
End at: Mon, 10 Jul 2017 00:40:10 +0000
Local clock offset: -0.658 ms
Remote clock offset: -2.351 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:04 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 140.322 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 139.876 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 140.641 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 140.342 ms
Loss rate: 4.00%
```

Run 5: Report of Sprout — Data Link

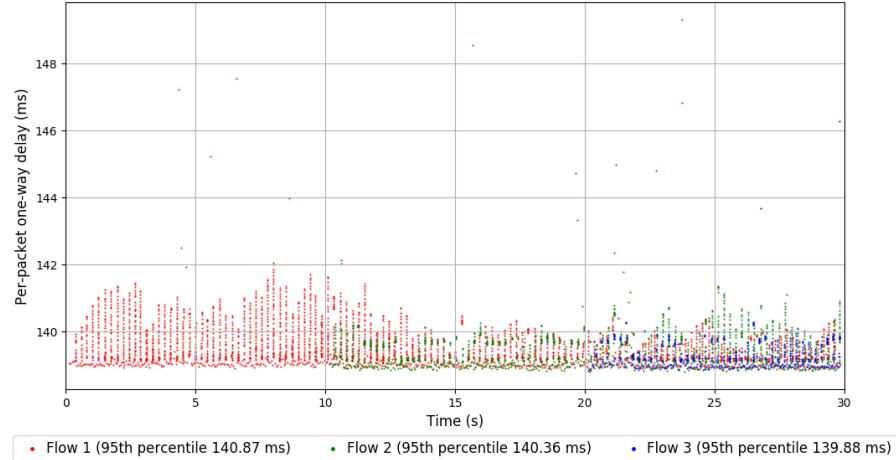
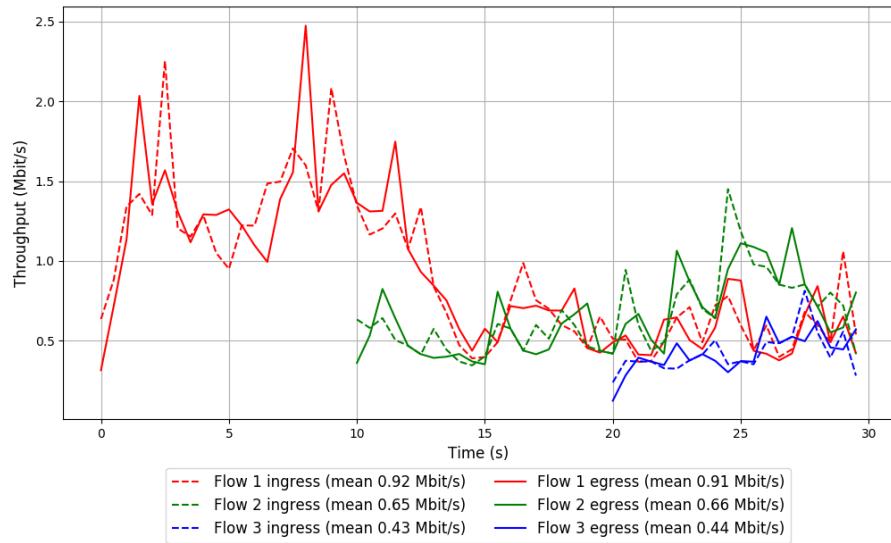


Run 6: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 00:59:40 +0000
End at: Mon, 10 Jul 2017 01:00:10 +0000
Local clock offset: 0.634 ms
Remote clock offset: -2.195 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 140.705 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 140.869 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 140.360 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 139.883 ms
Loss rate: 0.07%
```

Run 6: Report of Sprout — Data Link

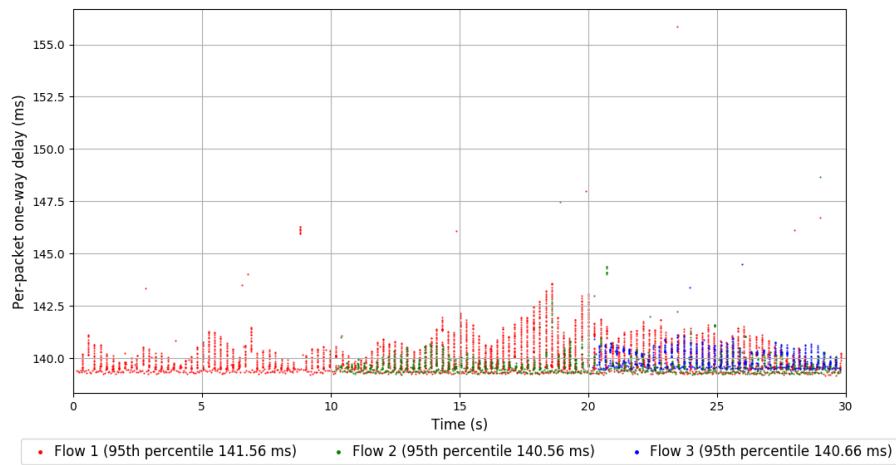
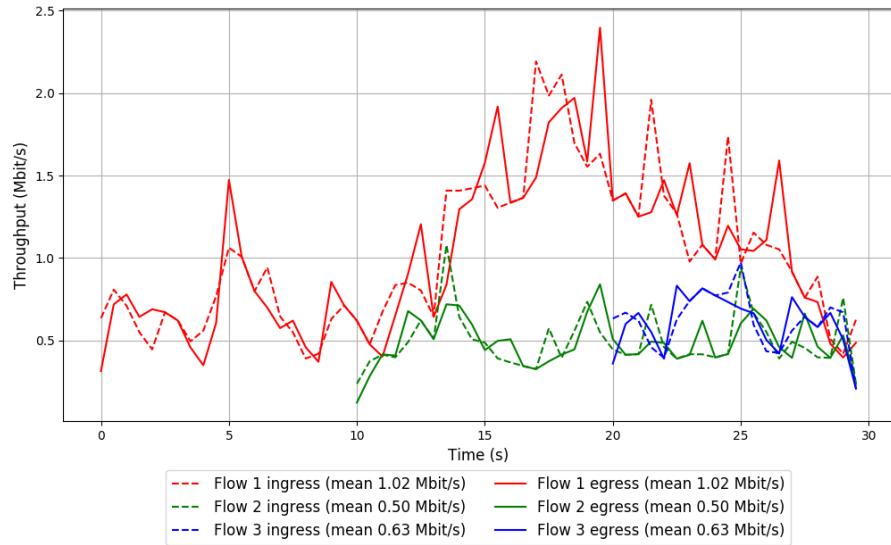


Run 7: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:19:38 +0000
End at: Mon, 10 Jul 2017 01:20:08 +0000
Local clock offset: -0.562 ms
Remote clock offset: -1.801 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 141.366 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 141.558 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 140.557 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 140.665 ms
Loss rate: 1.66%
```

Run 7: Report of Sprout — Data Link

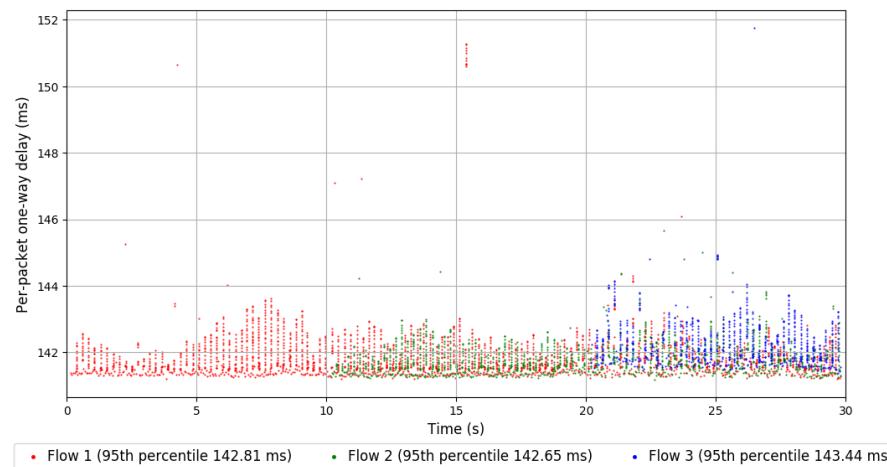
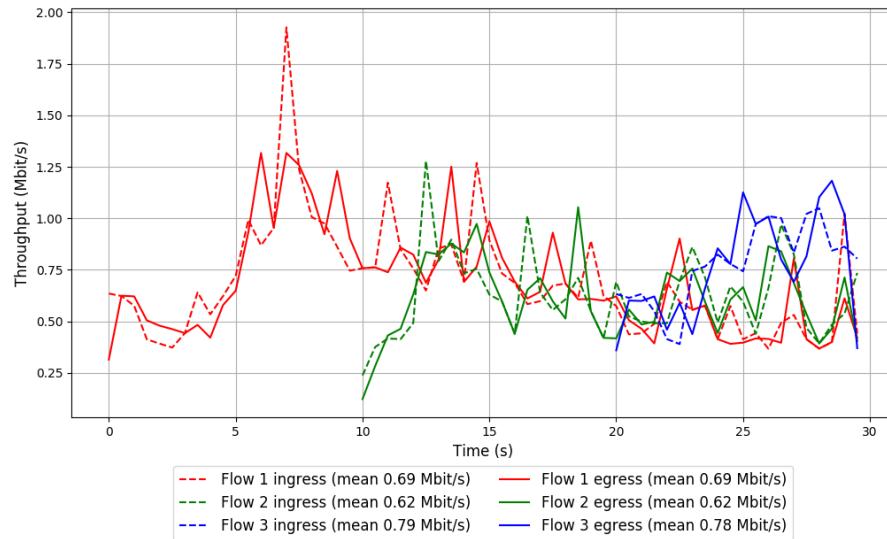


Run 8: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:39:33 +0000
End at: Mon, 10 Jul 2017 01:40:03 +0000
Local clock offset: -0.639 ms
Remote clock offset: 0.012 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 142.940 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 142.815 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 142.654 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 143.438 ms
Loss rate: 2.83%
```

Run 8: Report of Sprout — Data Link

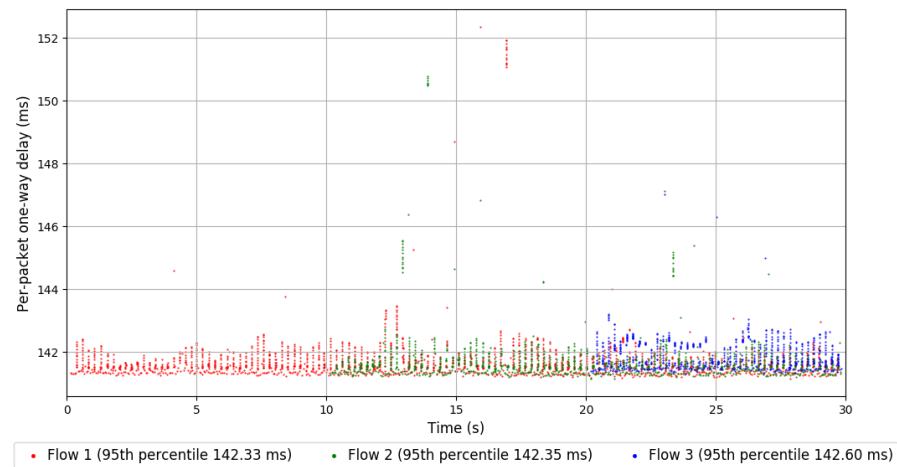
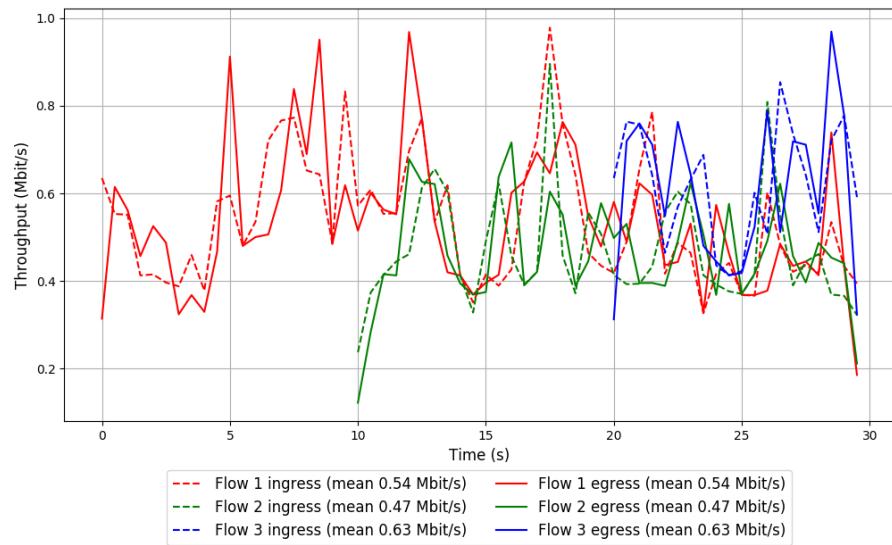


Run 9: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 01:59:25 +0000
End at: Mon, 10 Jul 2017 01:59:55 +0000
Local clock offset: -0.873 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 142.446 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 142.326 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 142.351 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 142.601 ms
Loss rate: 2.21%
```

Run 9: Report of Sprout — Data Link

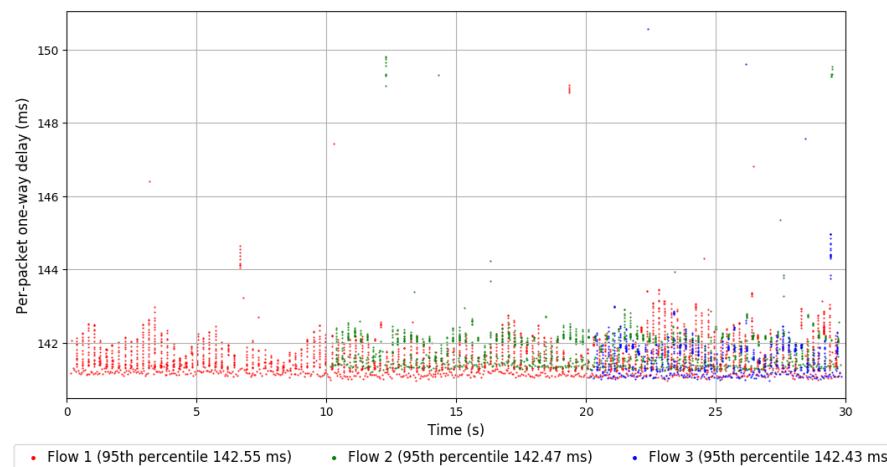
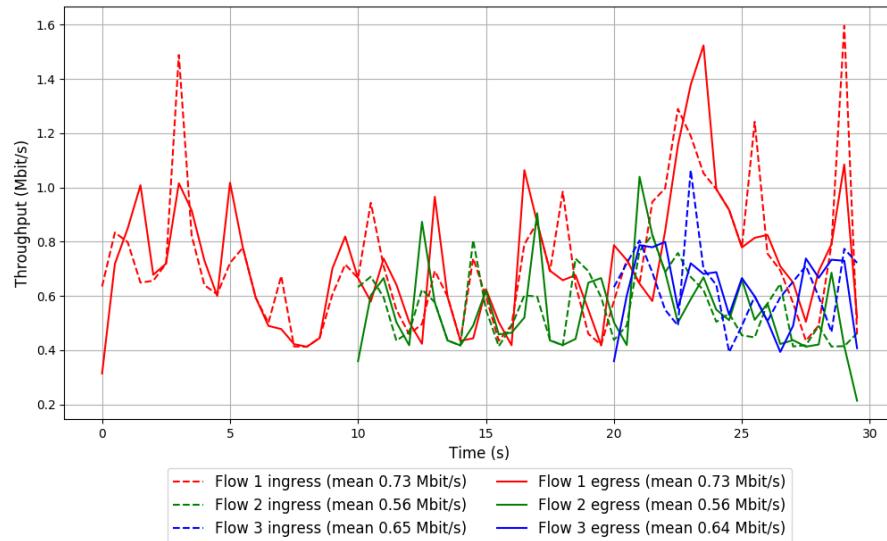


Run 10: Statistics of Sprout

```
Start at: Mon, 10 Jul 2017 02:19:18 +0000
End at: Mon, 10 Jul 2017 02:19:48 +0000
Local clock offset: -1.076 ms
Remote clock offset: -0.396 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:08 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 142.520 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 142.553 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 142.475 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 142.431 ms
Loss rate: 2.84%
```

Run 10: Report of Sprout — Data Link

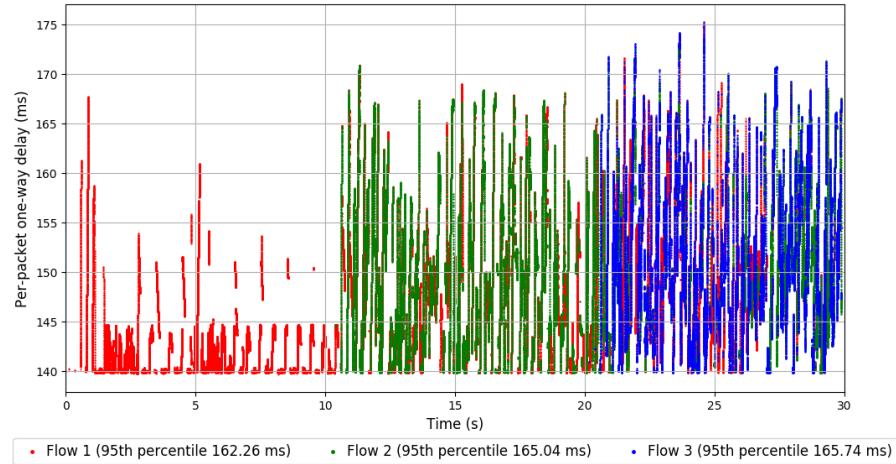
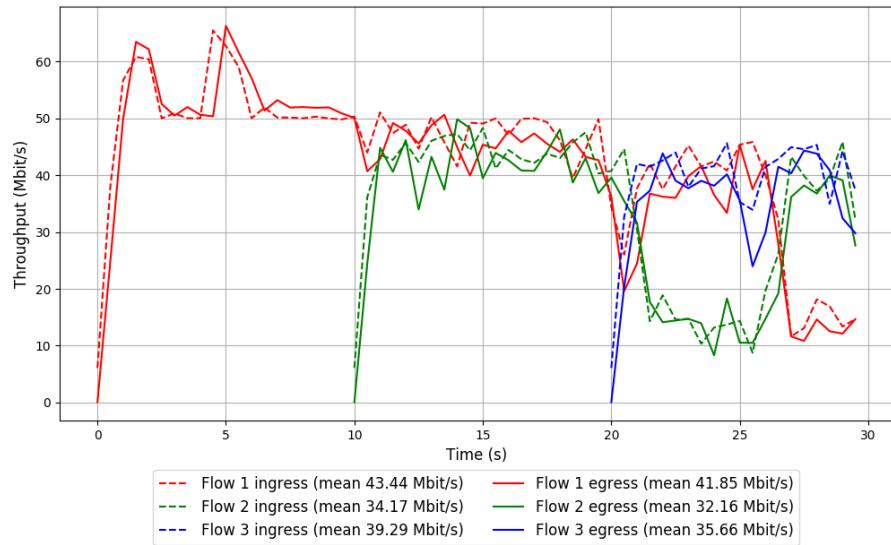


Run 1: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:27:35 +0000
End at: Sun, 09 Jul 2017 23:28:05 +0000
Local clock offset: -0.43 ms
Remote clock offset: -1.161 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:26 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.78 Mbit/s
95th percentile per-packet one-way delay: 164.130 ms
Loss rate: 6.21%
-- Flow 1:
Average throughput: 41.85 Mbit/s
95th percentile per-packet one-way delay: 162.264 ms
Loss rate: 4.36%
-- Flow 2:
Average throughput: 32.16 Mbit/s
95th percentile per-packet one-way delay: 165.037 ms
Loss rate: 6.93%
-- Flow 3:
Average throughput: 35.66 Mbit/s
95th percentile per-packet one-way delay: 165.739 ms
Loss rate: 11.12%
```

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

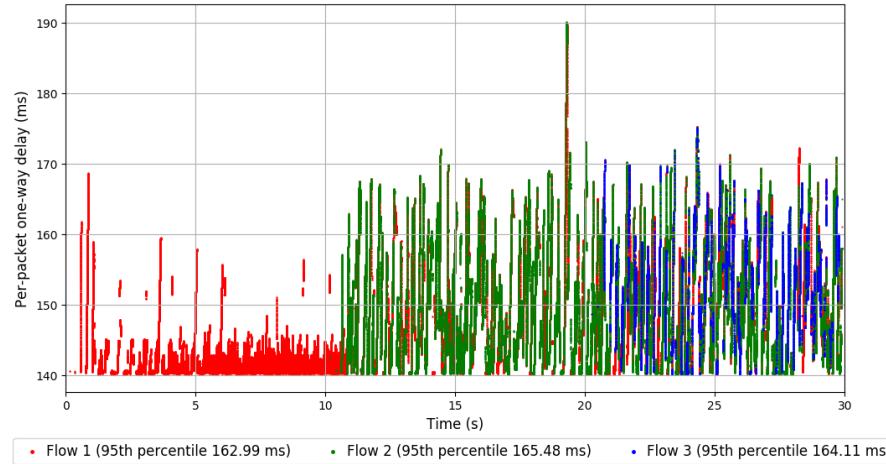
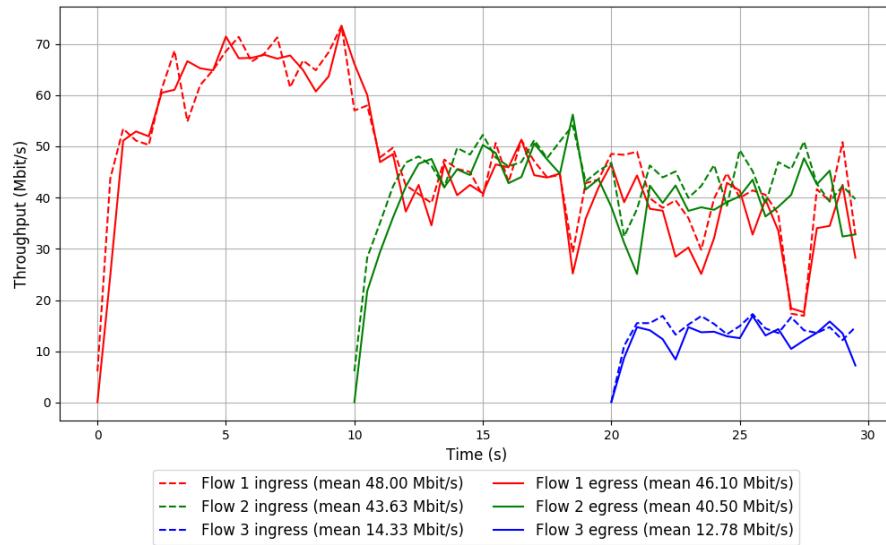


Run 2: Statistics of TaoVA-100x

```
Start at: Sun, 09 Jul 2017 23:47:31 +0000
End at: Sun, 09 Jul 2017 23:48:01 +0000
Local clock offset: -0.593 ms
Remote clock offset: -0.866 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:27 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 164.130 ms
Loss rate: 6.39%
-- Flow 1:
Average throughput: 46.10 Mbit/s
95th percentile per-packet one-way delay: 162.990 ms
Loss rate: 4.66%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 165.482 ms
Loss rate: 8.20%
-- Flow 3:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 164.109 ms
Loss rate: 12.88%
```

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

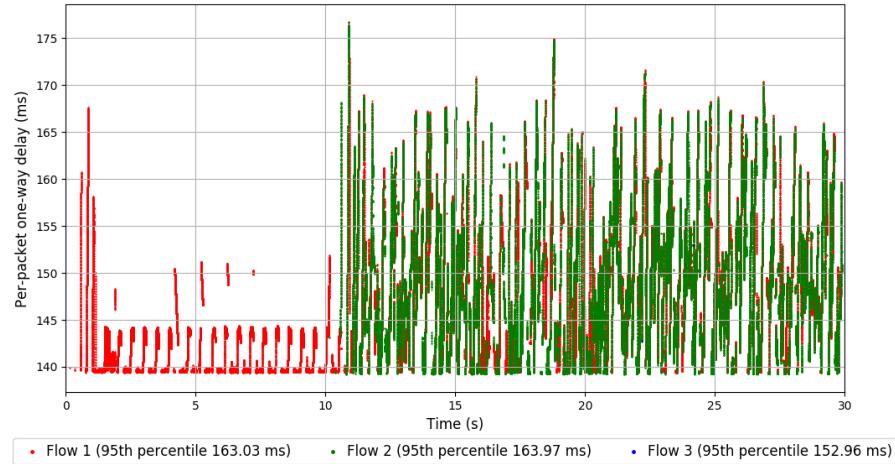
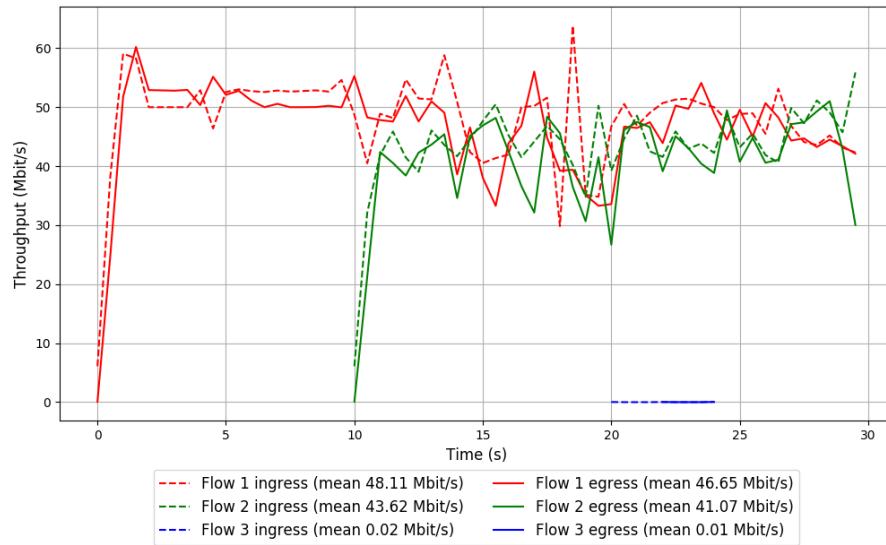


Run 3: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:07:29 +0000
End at: Mon, 10 Jul 2017 00:07:59 +0000
Local clock offset: -0.416 ms
Remote clock offset: -1.932 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:07:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 163.386 ms
Loss rate: 4.85%
-- Flow 1:
Average throughput: 46.65 Mbit/s
95th percentile per-packet one-way delay: 163.030 ms
Loss rate: 3.69%
-- Flow 2:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 163.971 ms
Loss rate: 6.78%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 152.955 ms
Loss rate: 60.00%
```

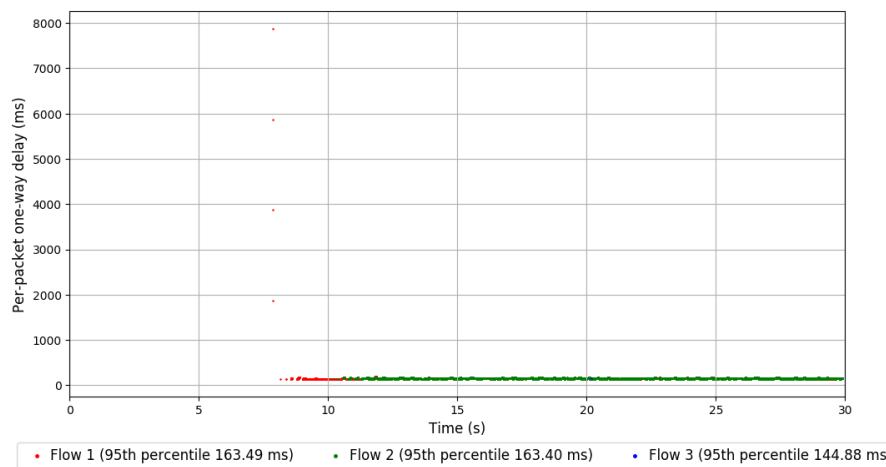
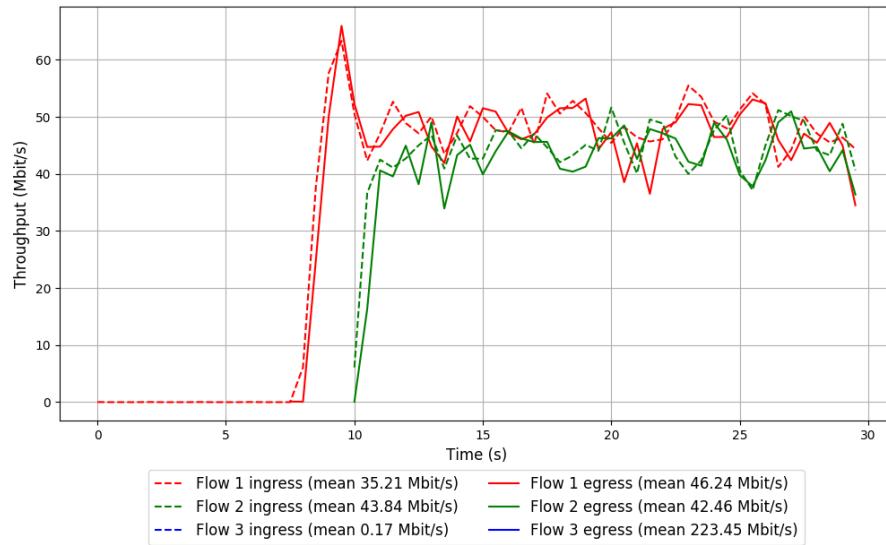
Run 3: Report of TaoVA-100x — Data Link



Run 4: Statistics of TaoVA-100x

Start at: Mon, 10 Jul 2017 00:27:26 +0000
End at: Mon, 10 Jul 2017 00:27:56 +0000
Local clock offset: -0.587 ms
Remote clock offset: -2.252 ms

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

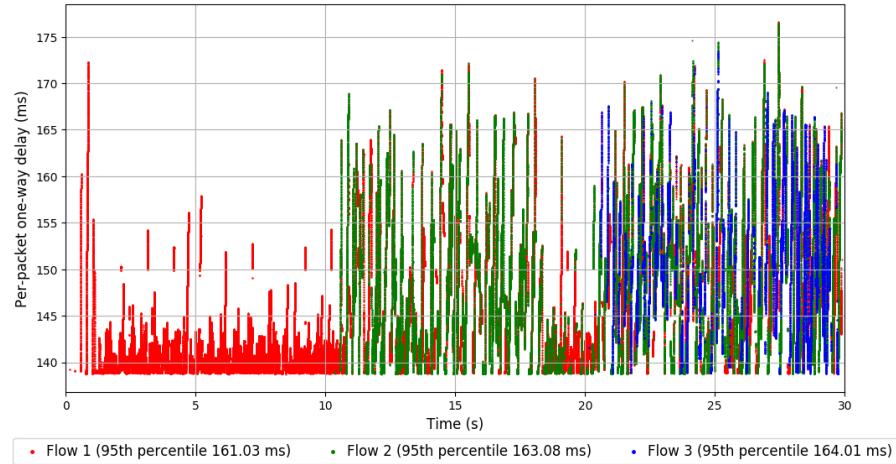
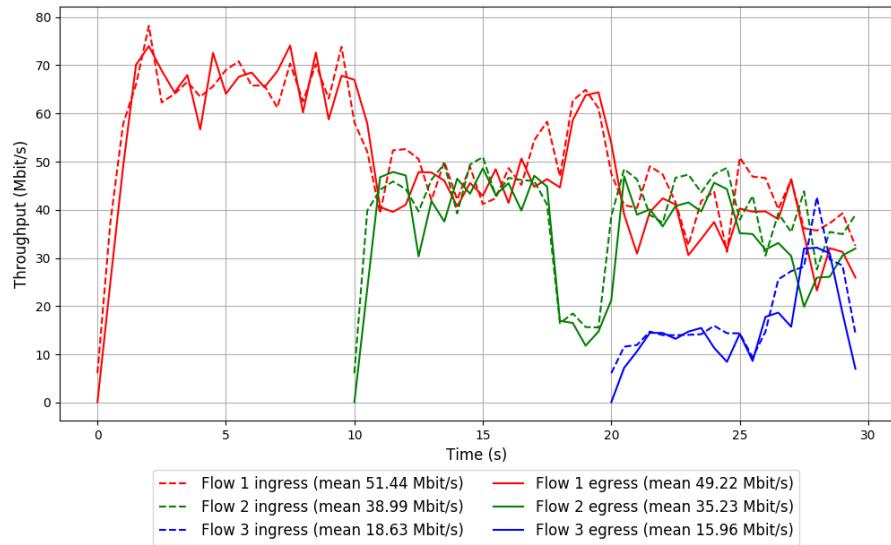


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 00:47:36 +0000
End at: Mon, 10 Jul 2017 00:48:06 +0000
Local clock offset: -0.661 ms
Remote clock offset: -2.313 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:00 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: 162.235 ms
Loss rate: 7.56%
-- Flow 1:
Average throughput: 49.22 Mbit/s
95th percentile per-packet one-way delay: 161.034 ms
Loss rate: 4.98%
-- Flow 2:
Average throughput: 35.23 Mbit/s
95th percentile per-packet one-way delay: 163.077 ms
Loss rate: 10.62%
-- Flow 3:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 164.014 ms
Loss rate: 16.36%
```

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

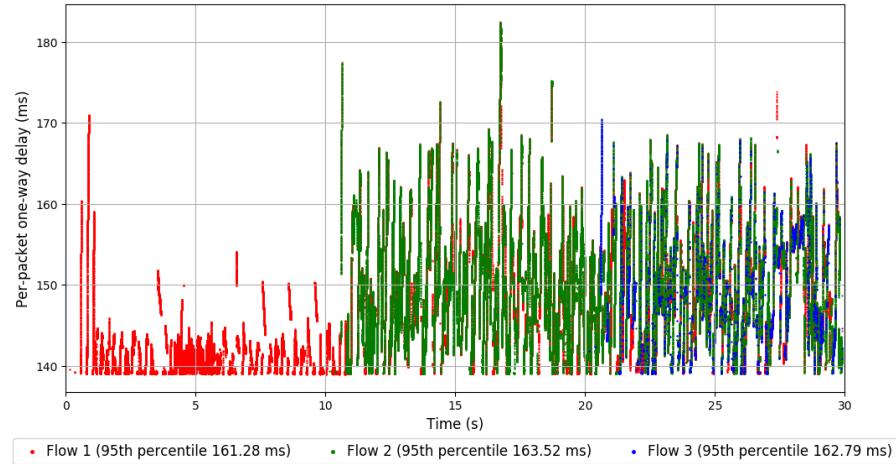
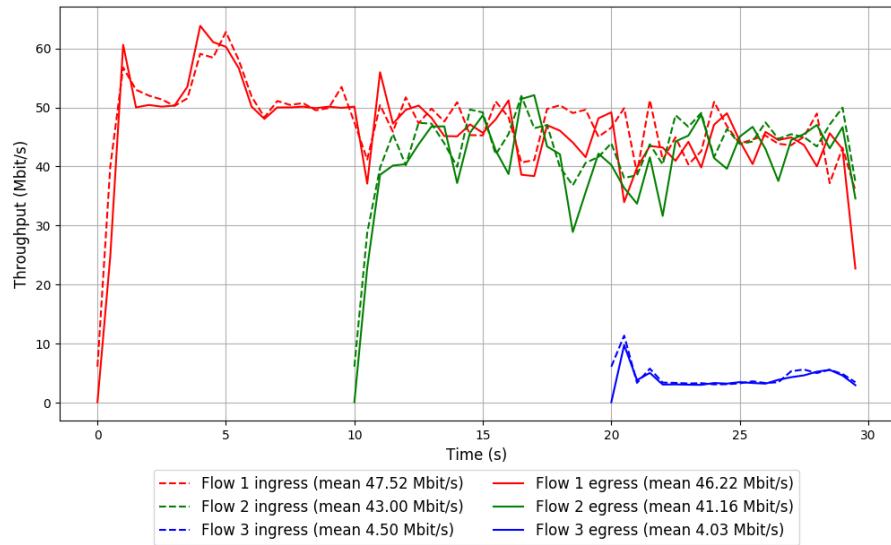


Run 6: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:07:27 +0000
End at: Mon, 10 Jul 2017 01:07:57 +0000
Local clock offset: 0.566 ms
Remote clock offset: -1.975 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:03 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.84 Mbit/s
95th percentile per-packet one-way delay: 162.270 ms
Loss rate: 4.06%
-- Flow 1:
Average throughput: 46.22 Mbit/s
95th percentile per-packet one-way delay: 161.277 ms
Loss rate: 3.06%
-- Flow 2:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 163.517 ms
Loss rate: 5.28%
-- Flow 3:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 162.786 ms
Loss rate: 12.23%
```

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

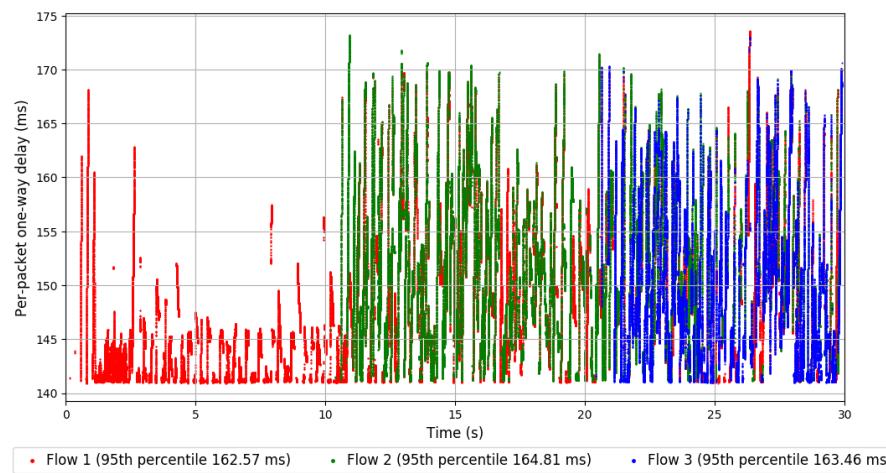
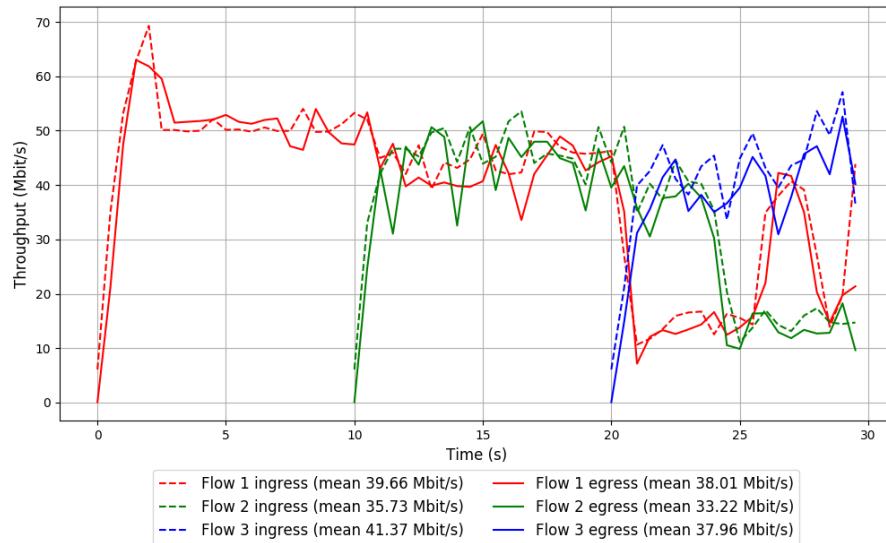


Run 7: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:27:29 +0000
End at: Mon, 10 Jul 2017 01:27:59 +0000
Local clock offset: 0.415 ms
Remote clock offset: 0.397 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:15 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.25 Mbit/s
95th percentile per-packet one-way delay: 163.490 ms
Loss rate: 6.82%
-- Flow 1:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 162.572 ms
Loss rate: 4.85%
-- Flow 2:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 164.814 ms
Loss rate: 8.09%
-- Flow 3:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 163.464 ms
Loss rate: 10.36%
```

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

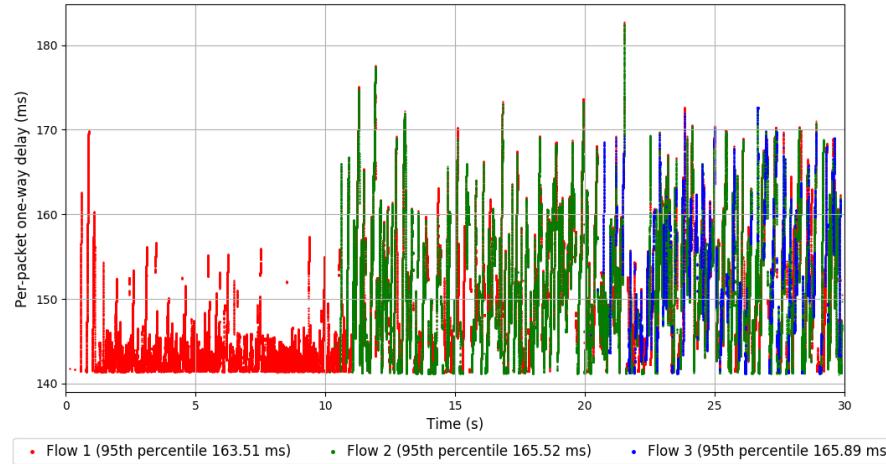
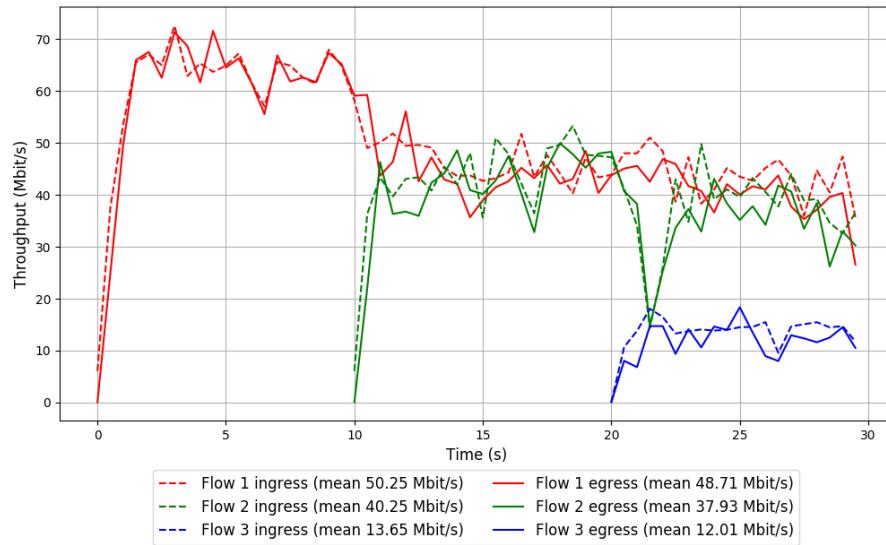


Run 8: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 01:47:25 +0000
End at: Mon, 10 Jul 2017 01:47:55 +0000
Local clock offset: -0.887 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:23 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.74 Mbit/s
95th percentile per-packet one-way delay: 164.551 ms
Loss rate: 5.33%
-- Flow 1:
Average throughput: 48.71 Mbit/s
95th percentile per-packet one-way delay: 163.509 ms
Loss rate: 3.76%
-- Flow 2:
Average throughput: 37.93 Mbit/s
95th percentile per-packet one-way delay: 165.519 ms
Loss rate: 6.81%
-- Flow 3:
Average throughput: 12.01 Mbit/s
95th percentile per-packet one-way delay: 165.893 ms
Loss rate: 14.16%
```

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

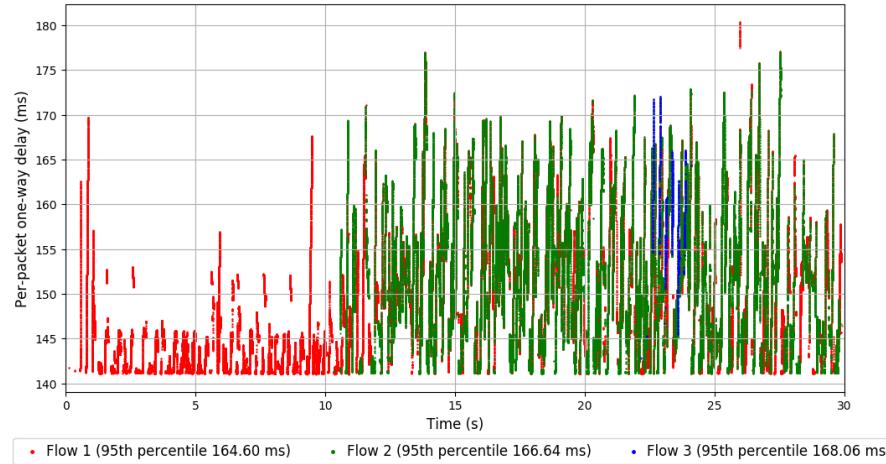
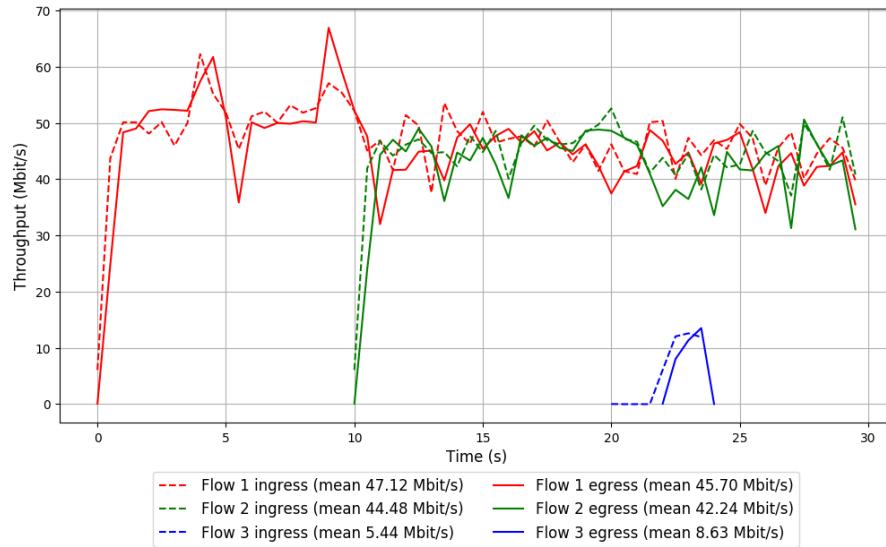


Run 9: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 02:07:14 +0000
End at: Mon, 10 Jul 2017 02:07:44 +0000
Local clock offset: -0.87 ms
Remote clock offset: -0.338 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:34 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.28 Mbit/s
95th percentile per-packet one-way delay: 165.492 ms
Loss rate: 4.58%
-- Flow 1:
Average throughput: 45.70 Mbit/s
95th percentile per-packet one-way delay: 164.598 ms
Loss rate: 3.68%
-- Flow 2:
Average throughput: 42.24 Mbit/s
95th percentile per-packet one-way delay: 166.640 ms
Loss rate: 5.58%
-- Flow 3:
Average throughput: 8.63 Mbit/s
95th percentile per-packet one-way delay: 168.063 ms
Loss rate: 22.65%
```

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

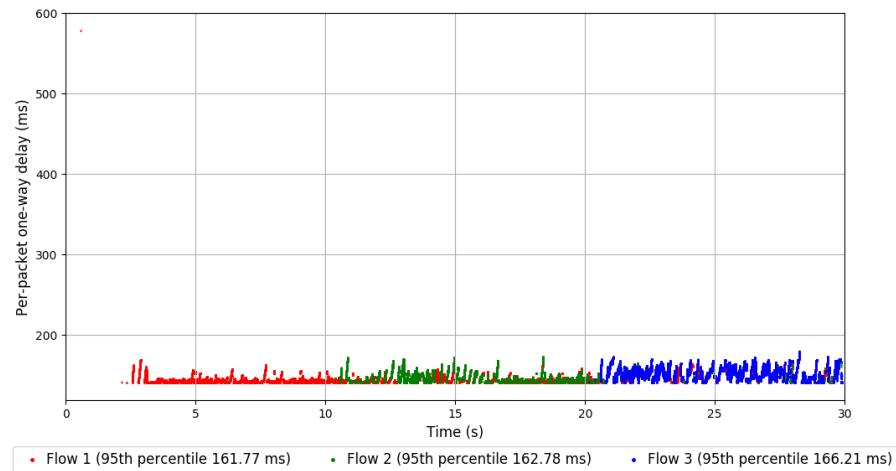
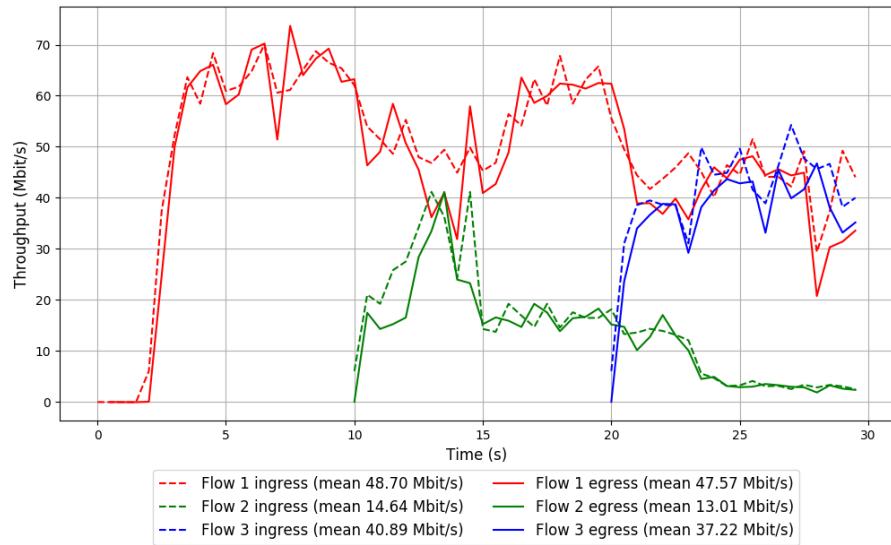


Run 10: Statistics of TaoVA-100x

```
Start at: Mon, 10 Jul 2017 02:27:06 +0000
End at: Mon, 10 Jul 2017 02:27:36 +0000
Local clock offset: -1.1 ms
Remote clock offset: -0.423 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.63 Mbit/s
95th percentile per-packet one-way delay: 163.086 ms
Loss rate: 6.73%
-- Flow 1:
Average throughput: 47.57 Mbit/s
95th percentile per-packet one-way delay: 161.771 ms
Loss rate: 4.53%
-- Flow 2:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 162.778 ms
Loss rate: 12.09%
-- Flow 3:
Average throughput: 37.22 Mbit/s
95th percentile per-packet one-way delay: 166.205 ms
Loss rate: 10.81%
```

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

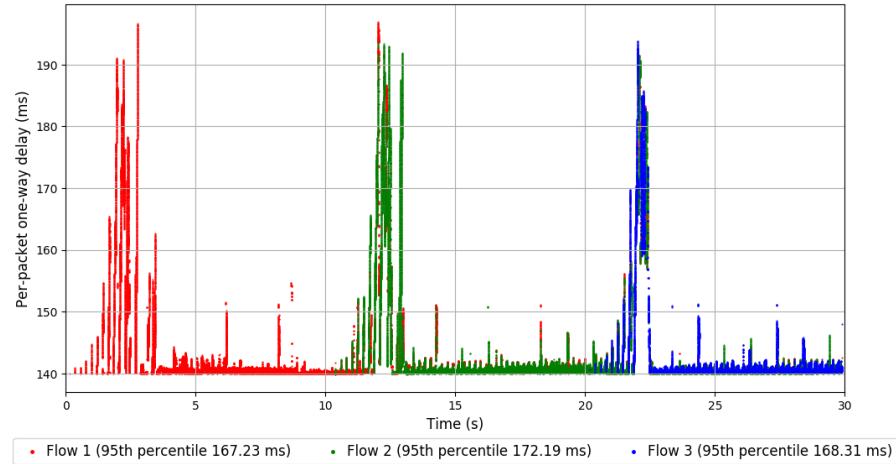
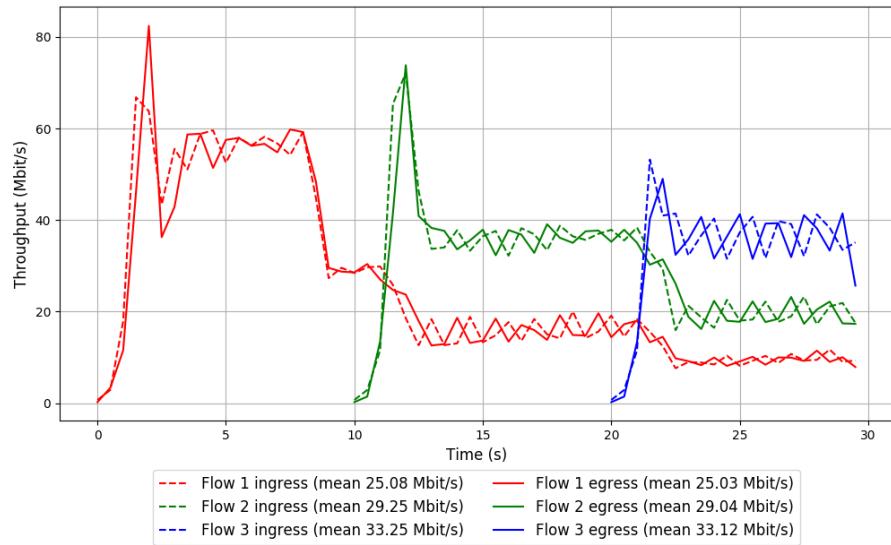


Run 1: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:29:01 +0000
End at: Sun, 09 Jul 2017 23:29:31 +0000
Local clock offset: -0.401 ms
Remote clock offset: -1.109 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:44 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 169.681 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 25.03 Mbit/s
95th percentile per-packet one-way delay: 167.230 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 29.04 Mbit/s
95th percentile per-packet one-way delay: 172.185 ms
Loss rate: 1.78%
-- Flow 3:
Average throughput: 33.12 Mbit/s
95th percentile per-packet one-way delay: 168.306 ms
Loss rate: 2.45%
```

Run 1: Report of TCP Vegas — Data Link

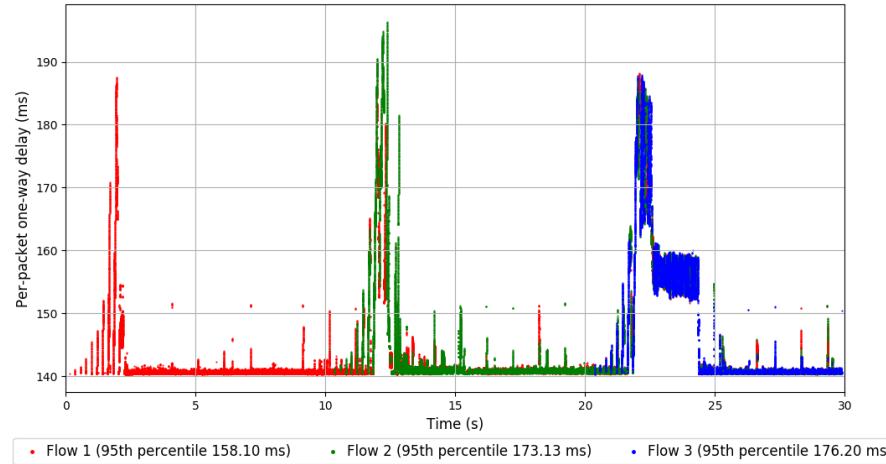
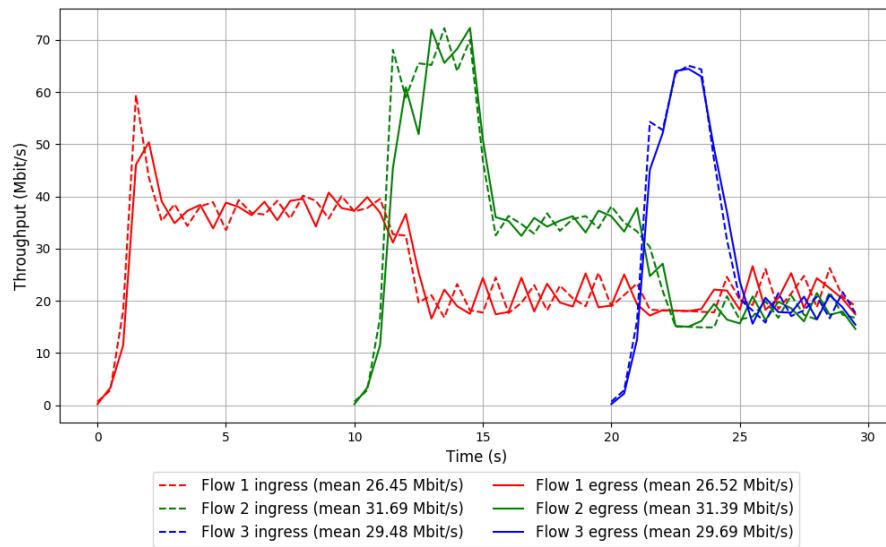


Run 2: Statistics of TCP Vegas

```
Start at: Sun, 09 Jul 2017 23:48:58 +0000
End at: Sun, 09 Jul 2017 23:49:28 +0000
Local clock offset: -0.457 ms
Remote clock offset: -0.928 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 169.703 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 26.52 Mbit/s
95th percentile per-packet one-way delay: 158.105 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 173.131 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 29.69 Mbit/s
95th percentile per-packet one-way delay: 176.198 ms
Loss rate: 1.40%
```

Run 2: Report of TCP Vegas — Data Link

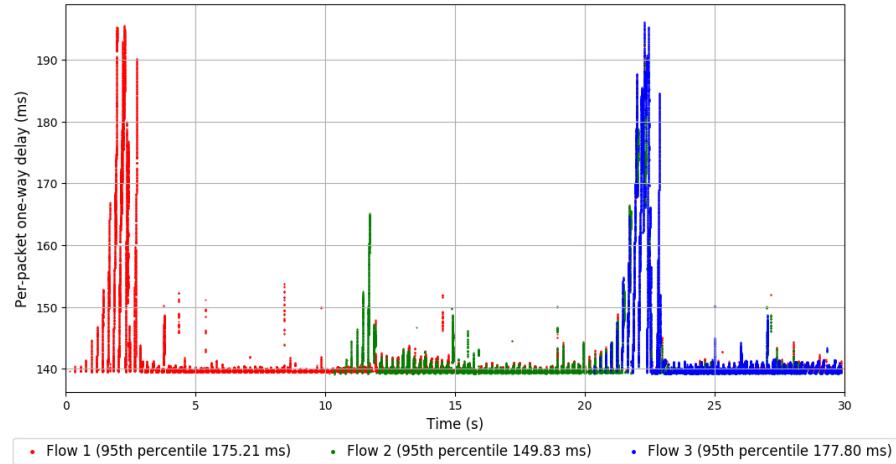
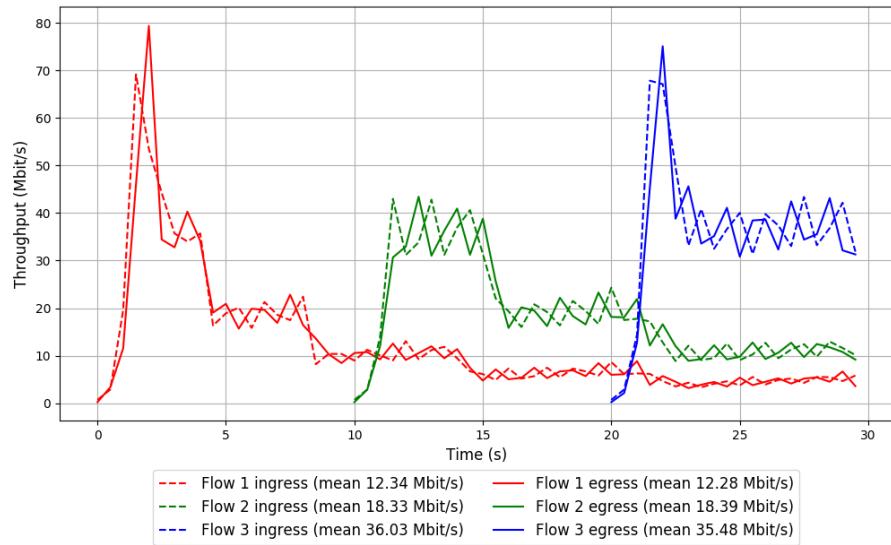


Run 3: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:08:59 +0000
End at: Mon, 10 Jul 2017 00:09:29 +0000
Local clock offset: -0.675 ms
Remote clock offset: -1.934 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:50 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 171.289 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 175.207 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 149.834 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 177.800 ms
Loss rate: 3.62%
```

Run 3: Report of TCP Vegas — Data Link

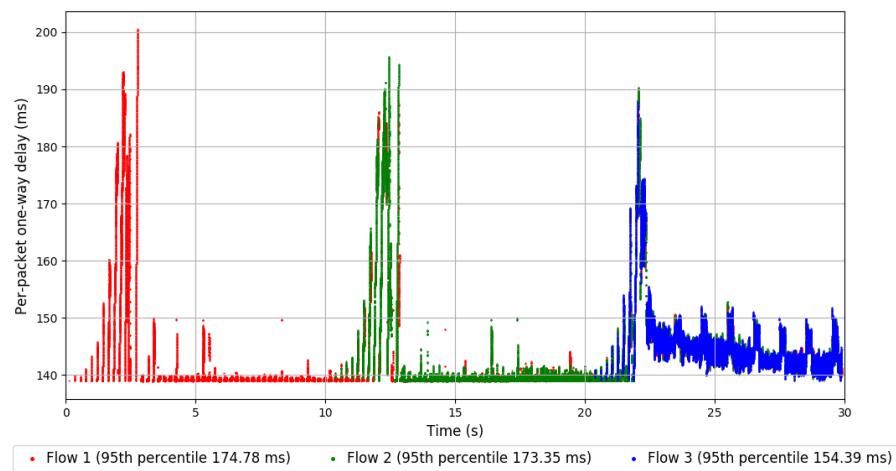
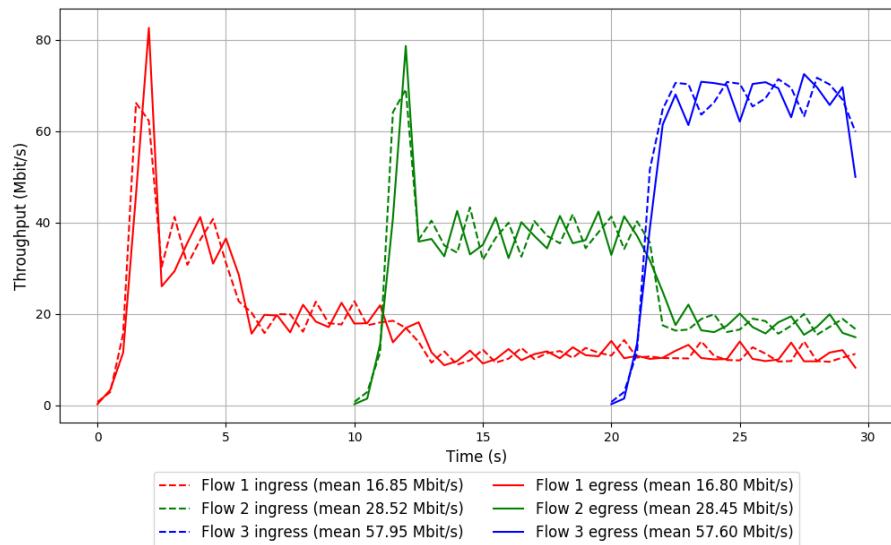


Run 4: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:28:54 +0000
End at: Mon, 10 Jul 2017 00:29:24 +0000
Local clock offset: -0.447 ms
Remote clock offset: -2.245 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.44 Mbit/s
95th percentile per-packet one-way delay: 169.229 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 16.80 Mbit/s
95th percentile per-packet one-way delay: 174.783 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 28.45 Mbit/s
95th percentile per-packet one-way delay: 173.352 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 57.60 Mbit/s
95th percentile per-packet one-way delay: 154.391 ms
Loss rate: 2.59%
```

Run 4: Report of TCP Vegas — Data Link

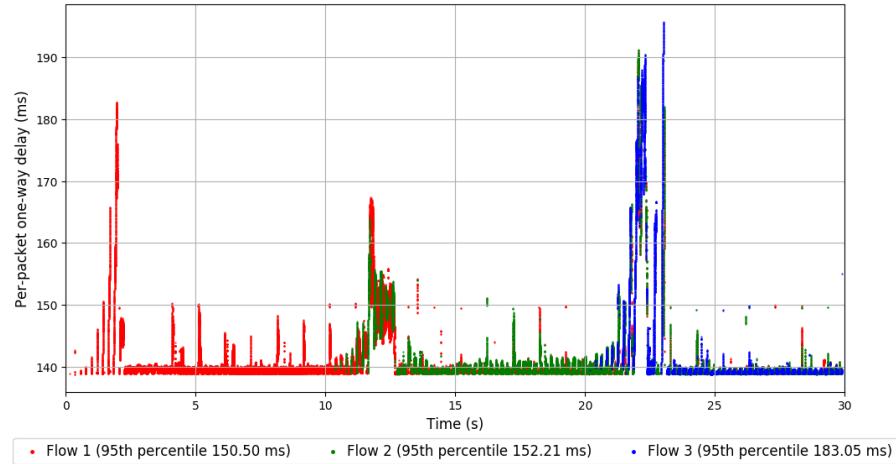
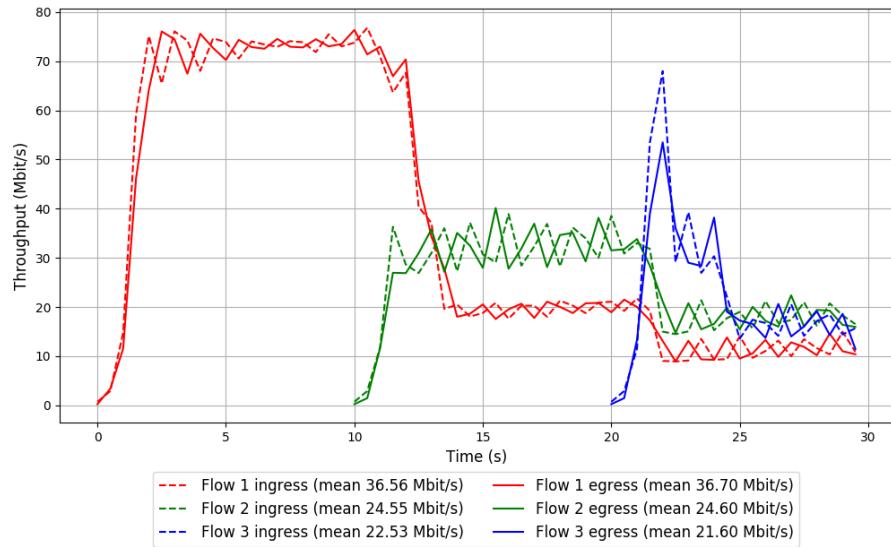


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 00:49:03 +0000
End at: Mon, 10 Jul 2017 00:49:33 +0000
Local clock offset: -0.601 ms
Remote clock offset: -2.113 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:08:59 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.01 Mbit/s
95th percentile per-packet one-way delay: 154.249 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 36.70 Mbit/s
95th percentile per-packet one-way delay: 150.502 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 152.205 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 21.60 Mbit/s
95th percentile per-packet one-way delay: 183.051 ms
Loss rate: 6.01%
```

Run 5: Report of TCP Vegas — Data Link

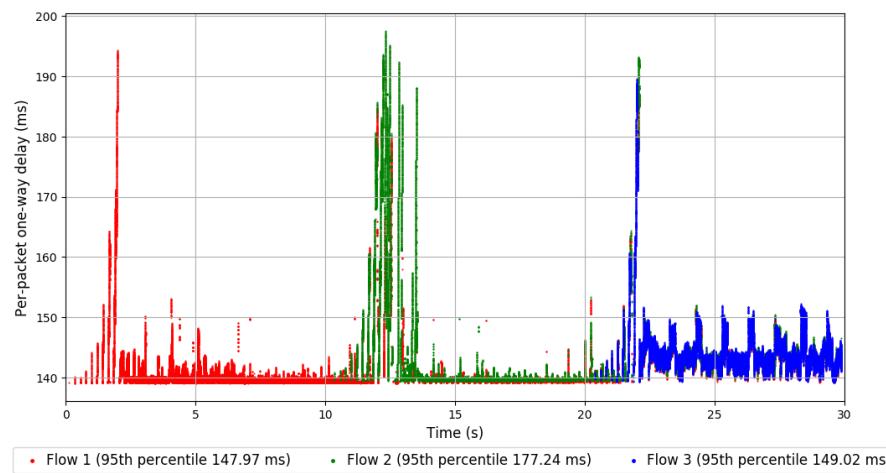
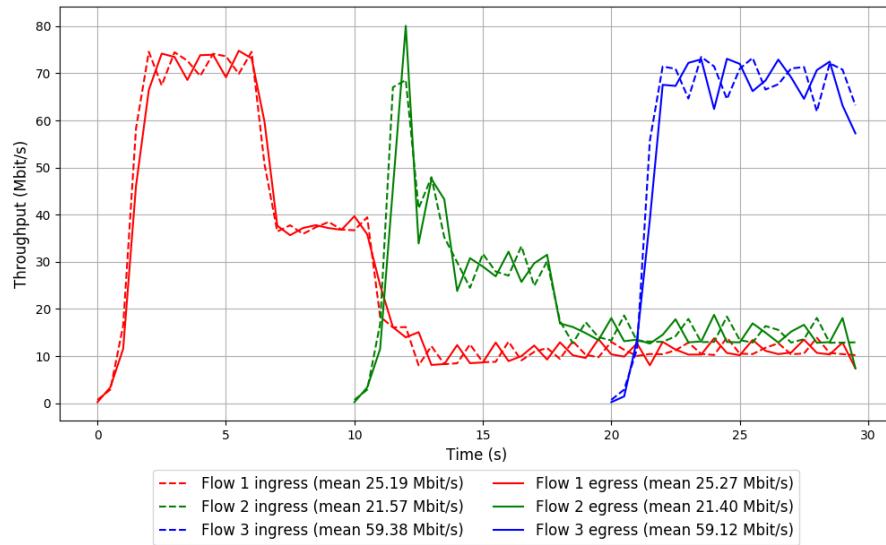


Run 6: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:08:53 +0000
End at: Mon, 10 Jul 2017 01:09:23 +0000
Local clock offset: 0.695 ms
Remote clock offset: -1.932 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:05 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.74 Mbit/s
95th percentile per-packet one-way delay: 157.935 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 147.975 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 21.40 Mbit/s
95th percentile per-packet one-way delay: 177.240 ms
Loss rate: 1.81%
-- Flow 3:
Average throughput: 59.12 Mbit/s
95th percentile per-packet one-way delay: 149.019 ms
Loss rate: 2.53%
```

Run 6: Report of TCP Vegas — Data Link

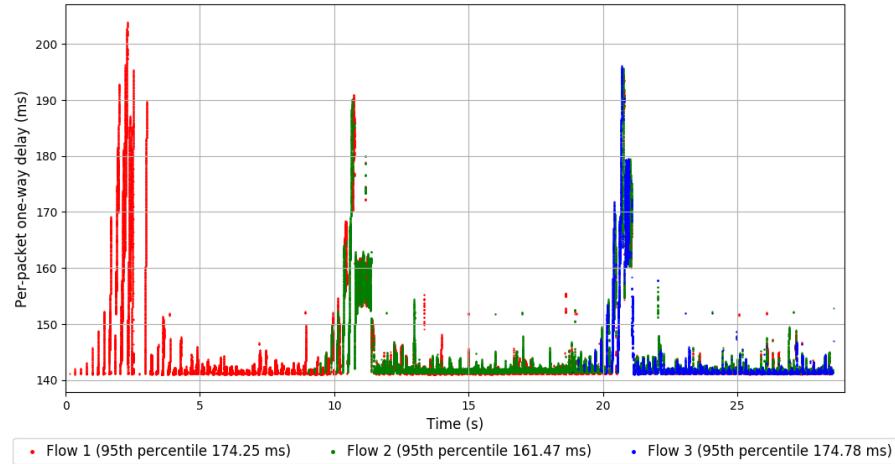
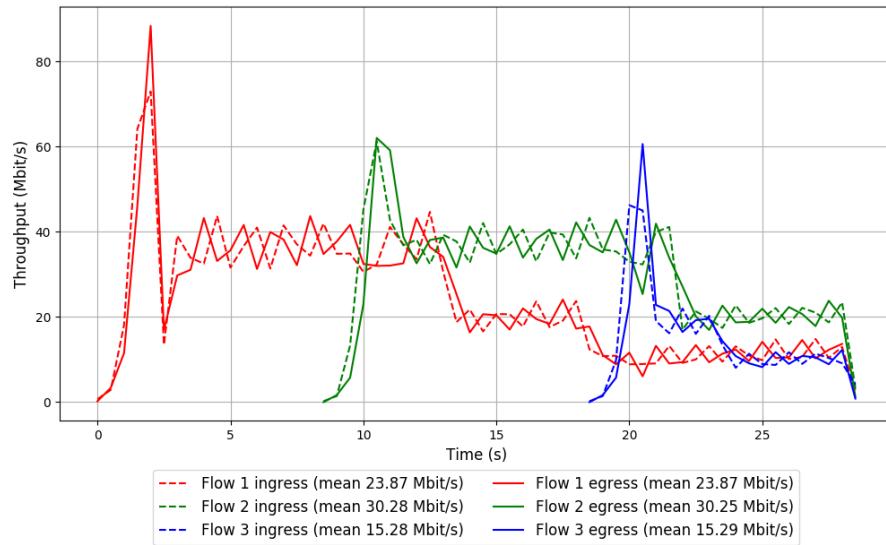


Run 7: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 01:28:55 +0000
End at: Mon, 10 Jul 2017 01:29:25 +0000
Local clock offset: -0.516 ms
Remote clock offset: -0.19 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:07 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 169.112 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 174.251 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 161.475 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 174.783 ms
Loss rate: 1.75%
```

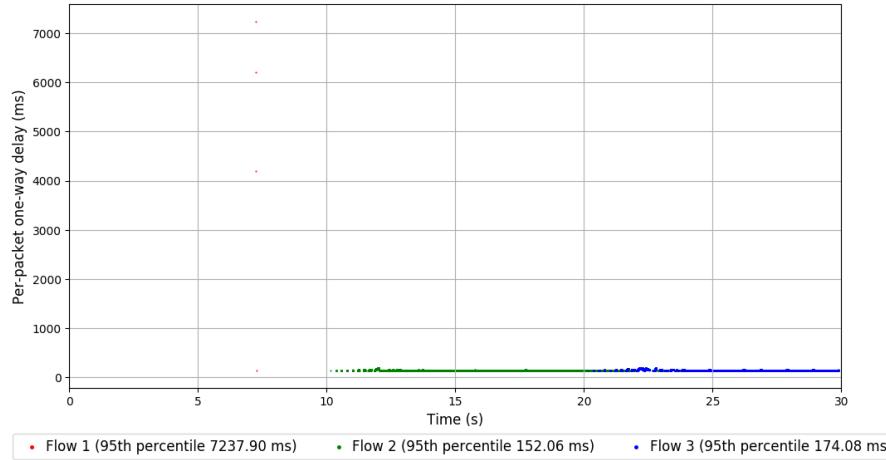
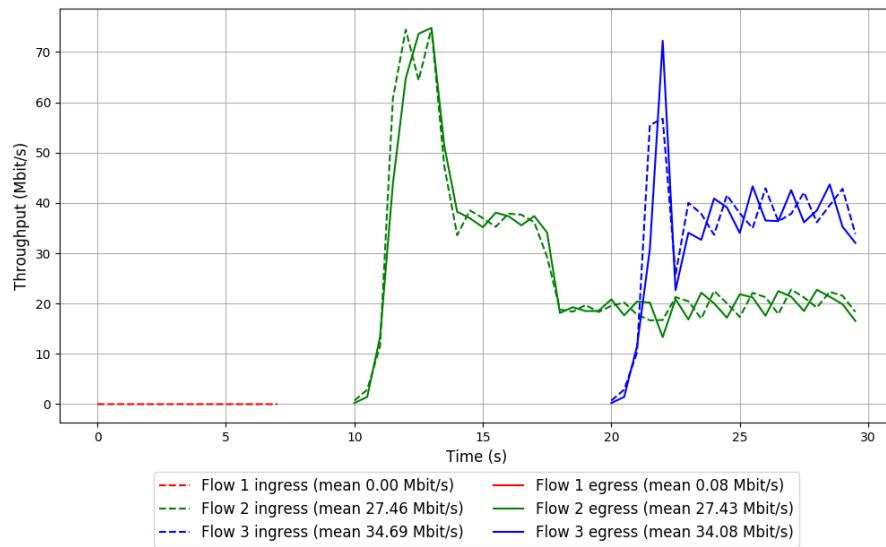
Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Mon, 10 Jul 2017 01:48:51 +0000
End at: Mon, 10 Jul 2017 01:49:21 +0000
Local clock offset: 0.698 ms
Remote clock offset: -0.1 ms

Run 8: Report of TCP Vegas — Data Link

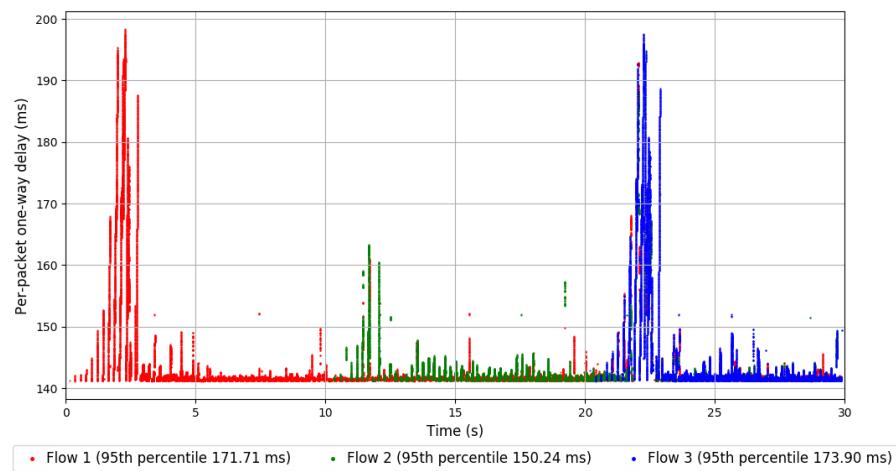
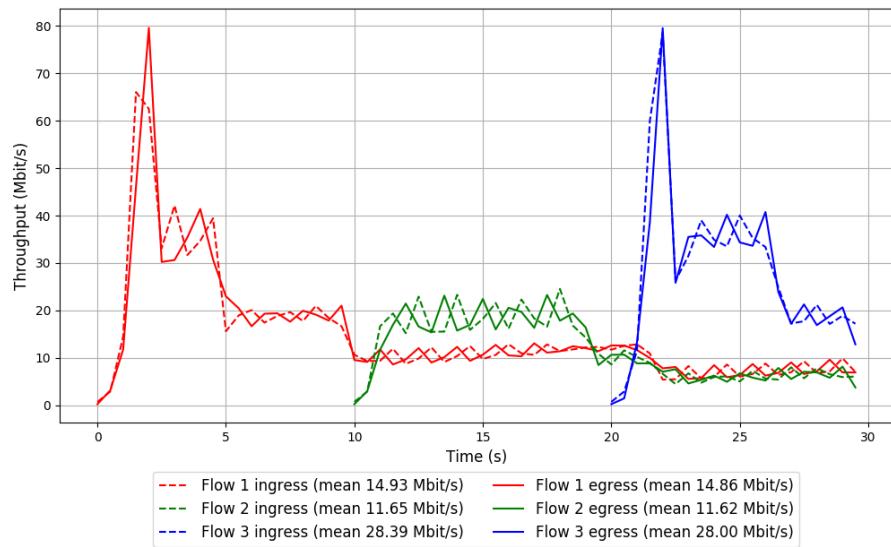


Run 9: Statistics of TCP Vegas

```
Start at: Mon, 10 Jul 2017 02:08:40 +0000
End at: Mon, 10 Jul 2017 02:09:10 +0000
Local clock offset: 0.55 ms
Remote clock offset: -0.331 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:12 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 170.203 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 14.86 Mbit/s
95th percentile per-packet one-way delay: 171.711 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 150.241 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 28.00 Mbit/s
95th percentile per-packet one-way delay: 173.898 ms
Loss rate: 3.13%
```

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

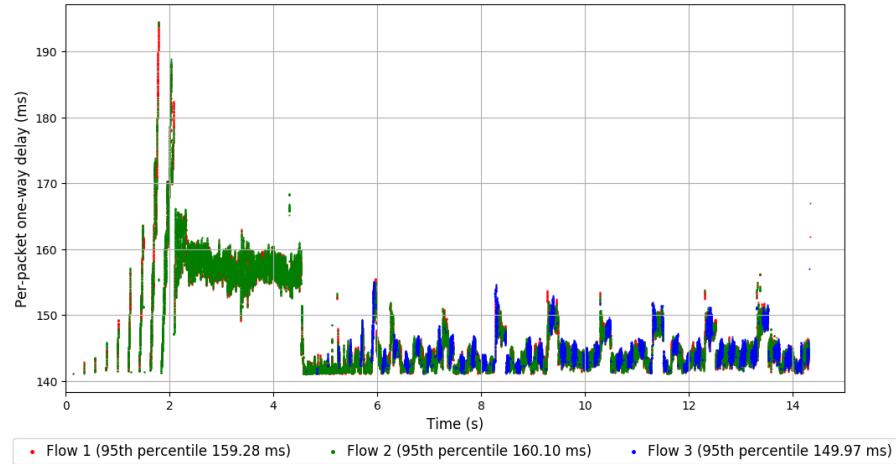
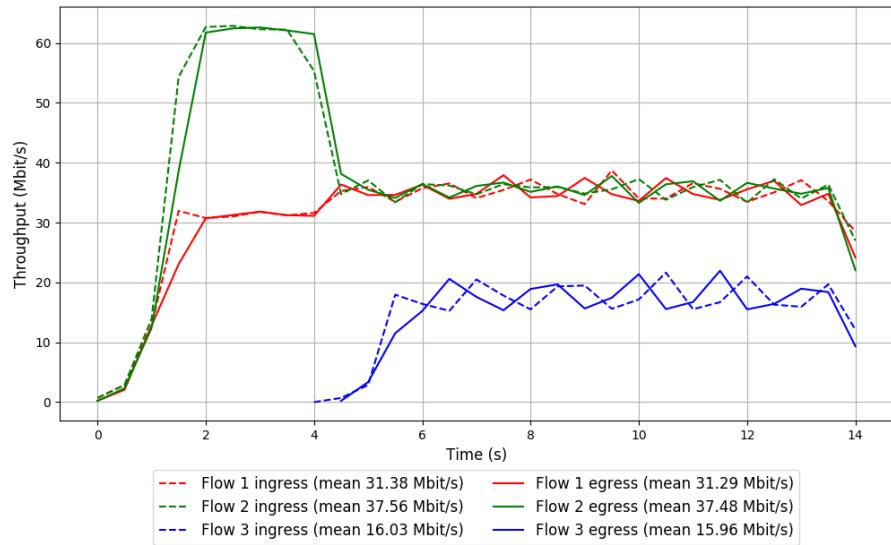
Start at: Mon, 10 Jul 2017 02:28:31 +0000

End at: Mon, 10 Jul 2017 02:29:01 +0000

Local clock offset: -0.978 ms

Remote clock offset: -0.486 ms

Run 10: Report of TCP Vegas — Data Link

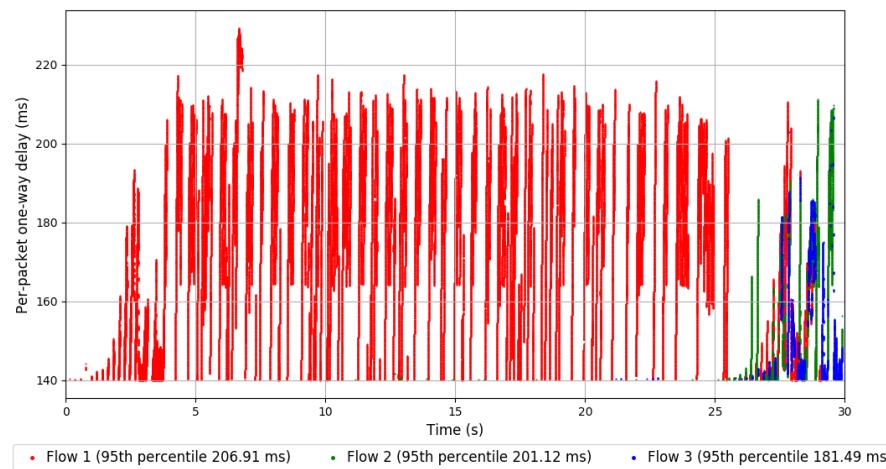
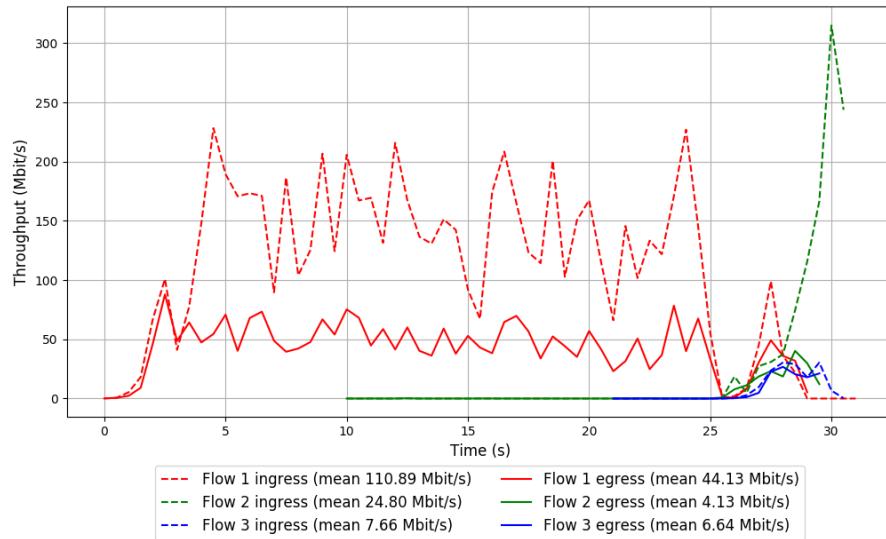


Run 1: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:30:20 +0000
End at: Sun, 09 Jul 2017 23:30:50 +0000
Local clock offset: 0.63 ms
Remote clock offset: -1.04 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.92 Mbit/s
95th percentile per-packet one-way delay: 206.449 ms
Loss rate: 64.78%
-- Flow 1:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 206.908 ms
Loss rate: 62.76%
-- Flow 2:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 201.121 ms
Loss rate: 84.28%
-- Flow 3:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 181.491 ms
Loss rate: 23.66%
```

Run 1: Report of Verus — Data Link

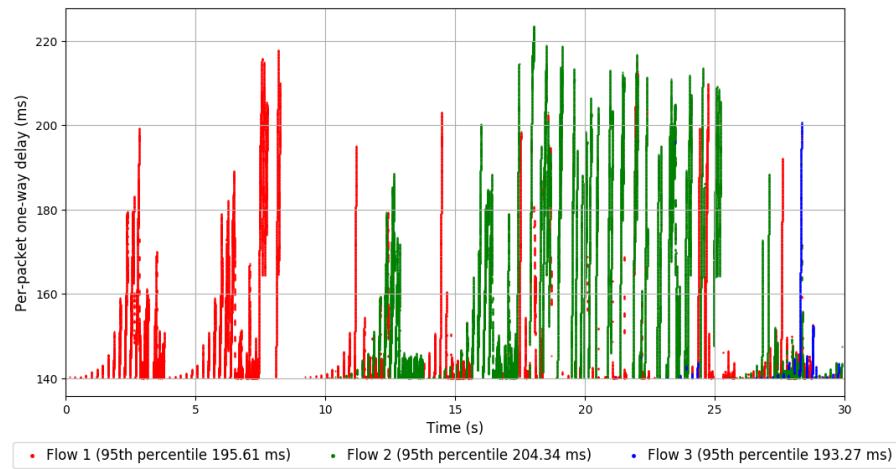
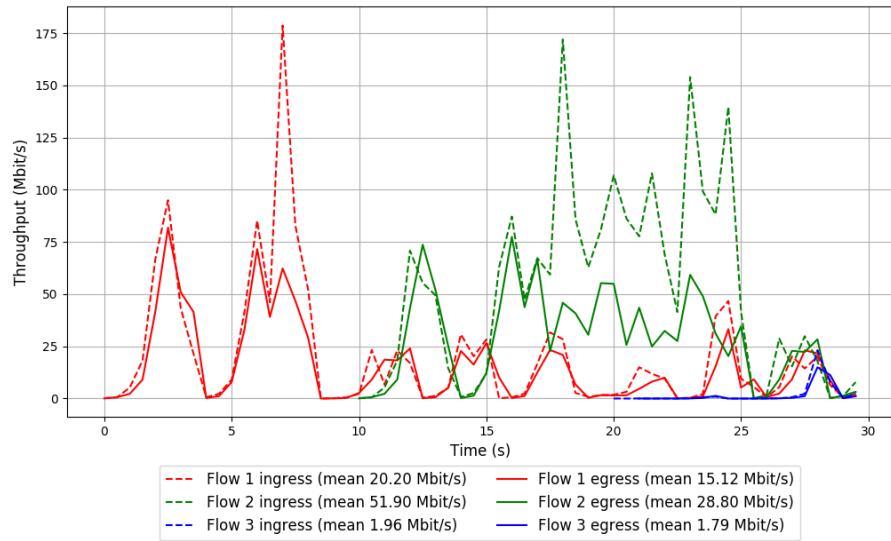


Run 2: Statistics of Verus

```
Start at: Sun, 09 Jul 2017 23:50:22 +0000
End at: Sun, 09 Jul 2017 23:50:52 +0000
Local clock offset: 0.471 ms
Remote clock offset: -1.081 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:22 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.72 Mbit/s
95th percentile per-packet one-way delay: 201.411 ms
Loss rate: 37.73%
-- Flow 1:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 195.612 ms
Loss rate: 25.69%
-- Flow 2:
Average throughput: 28.80 Mbit/s
95th percentile per-packet one-way delay: 204.337 ms
Loss rate: 45.09%
-- Flow 3:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 193.270 ms
Loss rate: 19.63%
```

Run 2: Report of Verus — Data Link

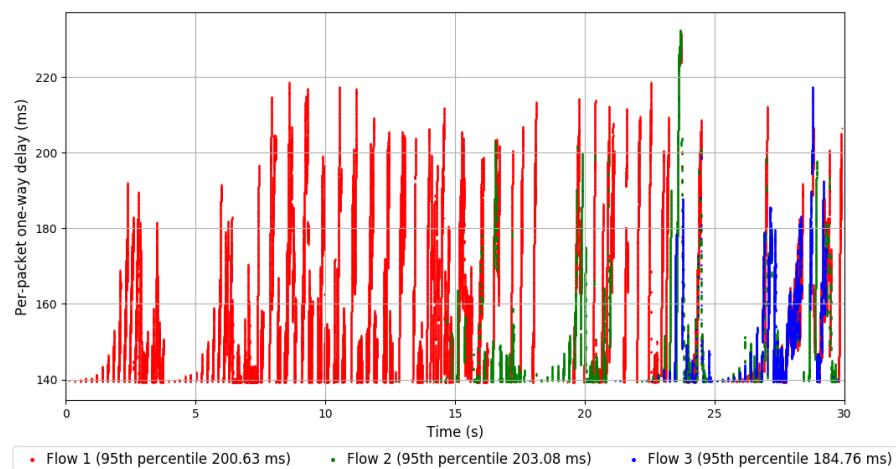
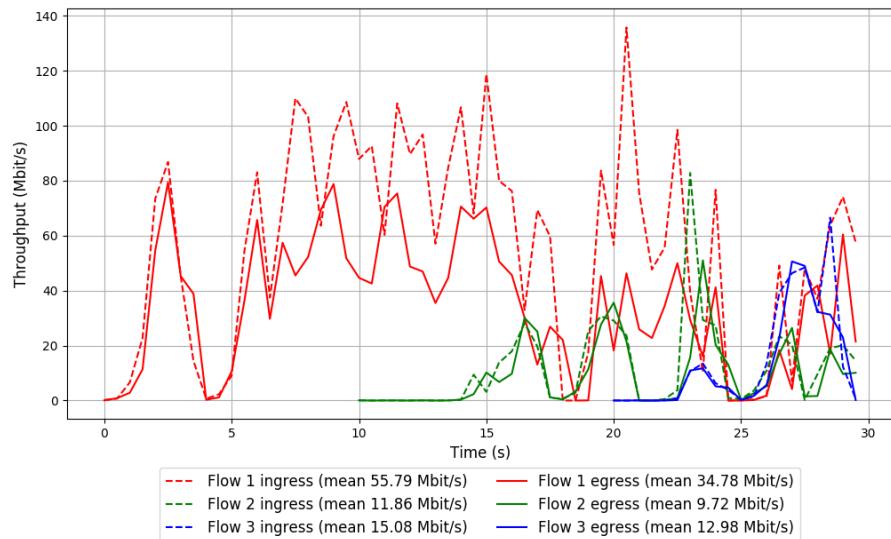


Run 3: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:10:17 +0000
End at: Mon, 10 Jul 2017 00:10:47 +0000
Local clock offset: -0.672 ms
Remote clock offset: -1.991 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.35 Mbit/s
95th percentile per-packet one-way delay: 200.260 ms
Loss rate: 33.93%
-- Flow 1:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 200.626 ms
Loss rate: 37.58%
-- Flow 2:
Average throughput: 9.72 Mbit/s
95th percentile per-packet one-way delay: 203.080 ms
Loss rate: 19.69%
-- Flow 3:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 184.757 ms
Loss rate: 15.75%
```

Run 3: Report of Verus — Data Link

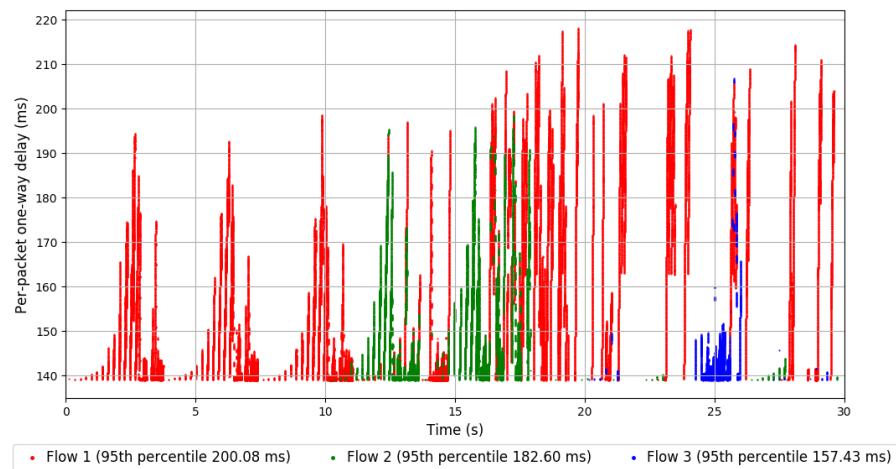
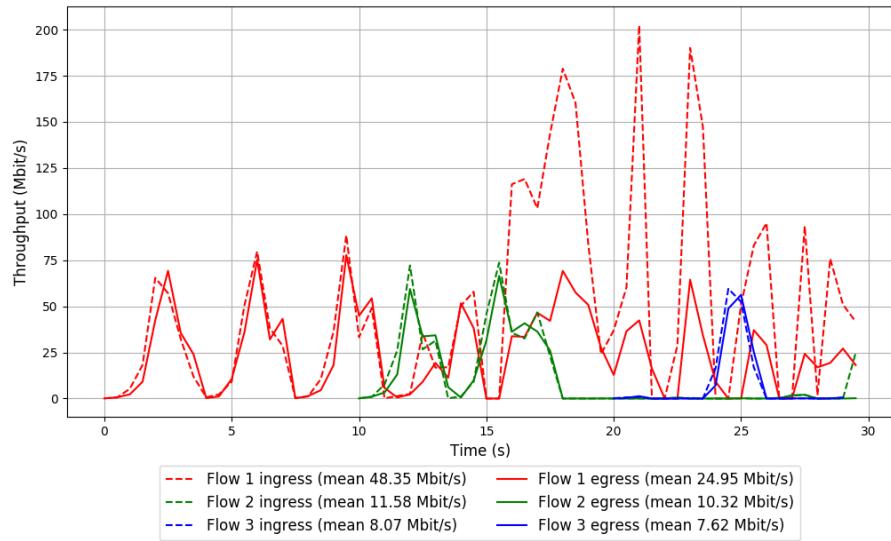


Run 4: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:30:14 +0000
End at: Mon, 10 Jul 2017 00:30:44 +0000
Local clock offset: 0.46 ms
Remote clock offset: -2.26 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:29 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.06 Mbit/s
95th percentile per-packet one-way delay: 197.391 ms
Loss rate: 42.46%
-- Flow 1:
Average throughput: 24.95 Mbit/s
95th percentile per-packet one-way delay: 200.081 ms
Loss rate: 49.11%
-- Flow 2:
Average throughput: 10.32 Mbit/s
95th percentile per-packet one-way delay: 182.603 ms
Loss rate: 12.74%
-- Flow 3:
Average throughput: 7.62 Mbit/s
95th percentile per-packet one-way delay: 157.433 ms
Loss rate: 5.56%
```

Run 4: Report of Verus — Data Link

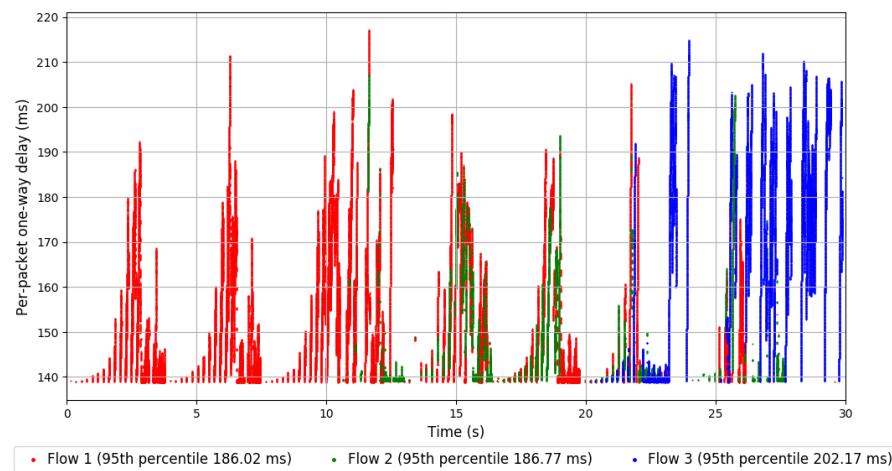
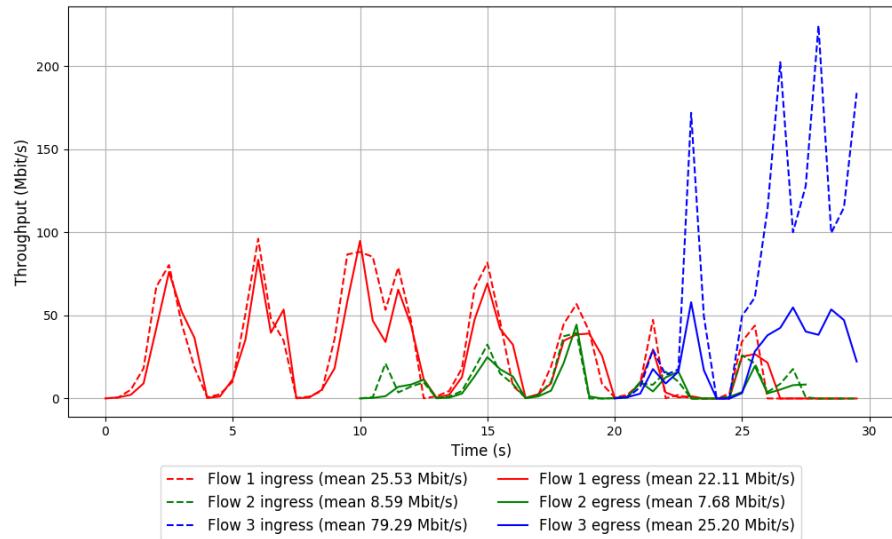


Run 5: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 00:50:23 +0000
End at: Mon, 10 Jul 2017 00:50:53 +0000
Local clock offset: 0.476 ms
Remote clock offset: -2.254 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:33 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.64 Mbit/s
95th percentile per-packet one-way delay: 195.832 ms
Loss rate: 39.54%
-- Flow 1:
Average throughput: 22.11 Mbit/s
95th percentile per-packet one-way delay: 186.021 ms
Loss rate: 13.39%
-- Flow 2:
Average throughput: 7.68 Mbit/s
95th percentile per-packet one-way delay: 186.766 ms
Loss rate: 20.40%
-- Flow 3:
Average throughput: 25.20 Mbit/s
95th percentile per-packet one-way delay: 202.167 ms
Loss rate: 68.71%
```

Run 5: Report of Verus — Data Link

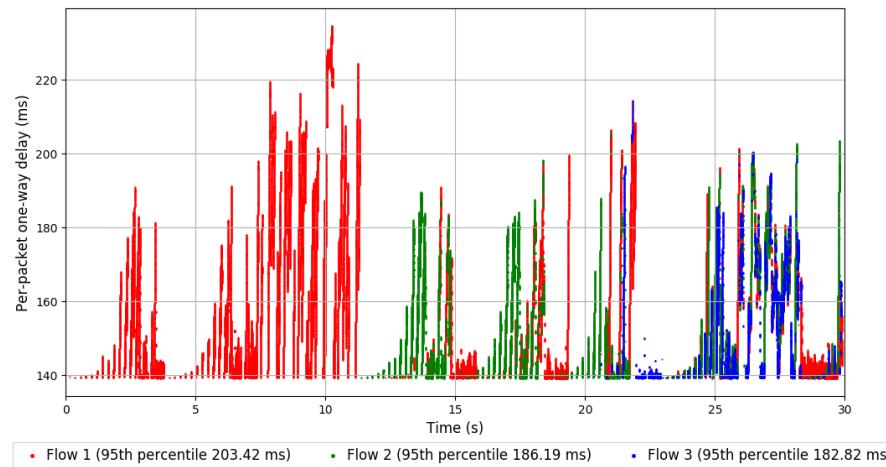
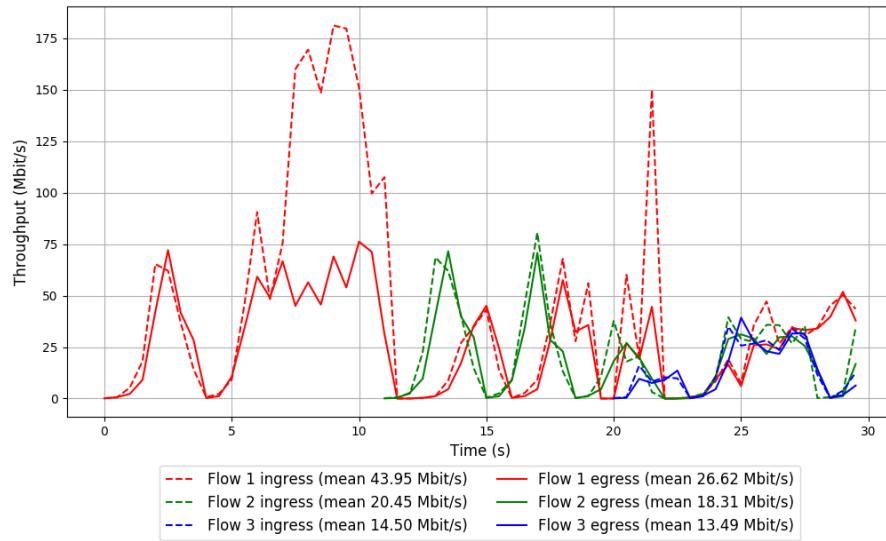


Run 6: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:10:13 +0000
End at: Mon, 10 Jul 2017 01:10:43 +0000
Local clock offset: -0.379 ms
Remote clock offset: -1.892 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:36 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.49 Mbit/s
95th percentile per-packet one-way delay: 198.312 ms
Loss rate: 31.19%
-- Flow 1:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 203.419 ms
Loss rate: 39.44%
-- Flow 2:
Average throughput: 18.31 Mbit/s
95th percentile per-packet one-way delay: 186.187 ms
Loss rate: 11.50%
-- Flow 3:
Average throughput: 13.49 Mbit/s
95th percentile per-packet one-way delay: 182.817 ms
Loss rate: 8.95%
```

Run 6: Report of Verus — Data Link

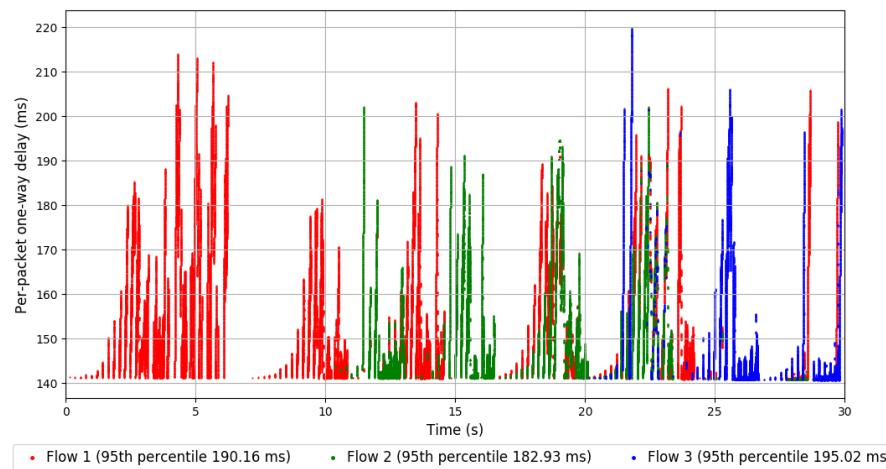
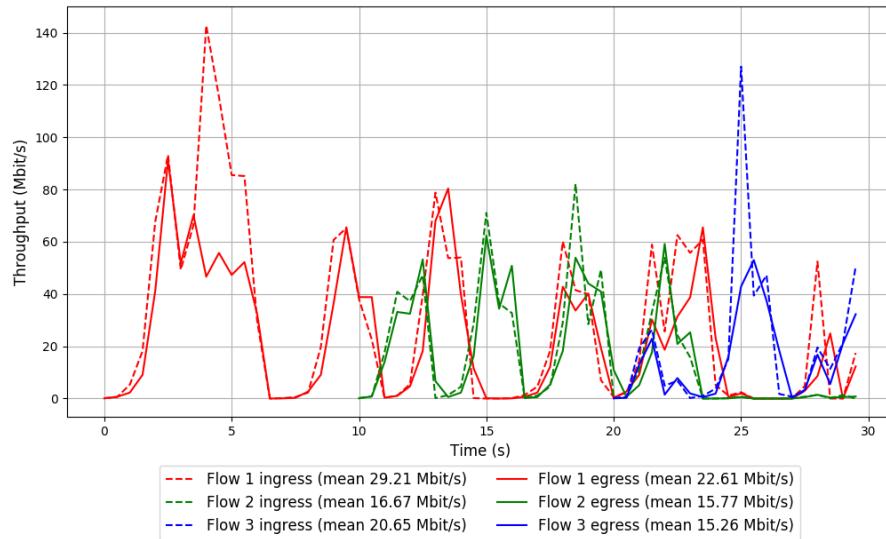


Run 7: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:30:14 +0000
End at: Mon, 10 Jul 2017 01:30:44 +0000
Local clock offset: 0.399 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:40 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.80 Mbit/s
95th percentile per-packet one-way delay: 189.088 ms
Loss rate: 19.55%
-- Flow 1:
Average throughput: 22.61 Mbit/s
95th percentile per-packet one-way delay: 190.161 ms
Loss rate: 23.04%
-- Flow 2:
Average throughput: 15.77 Mbit/s
95th percentile per-packet one-way delay: 182.925 ms
Loss rate: 6.54%
-- Flow 3:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 195.019 ms
Loss rate: 25.74%
```

Run 7: Report of Verus — Data Link

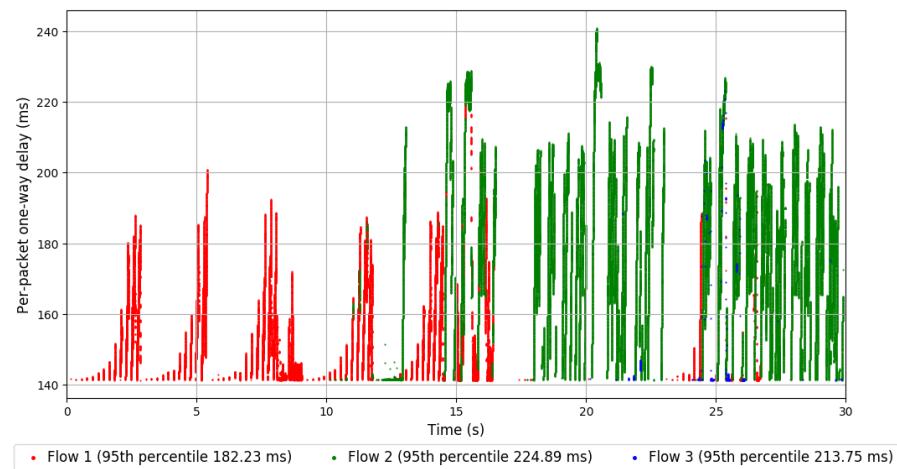
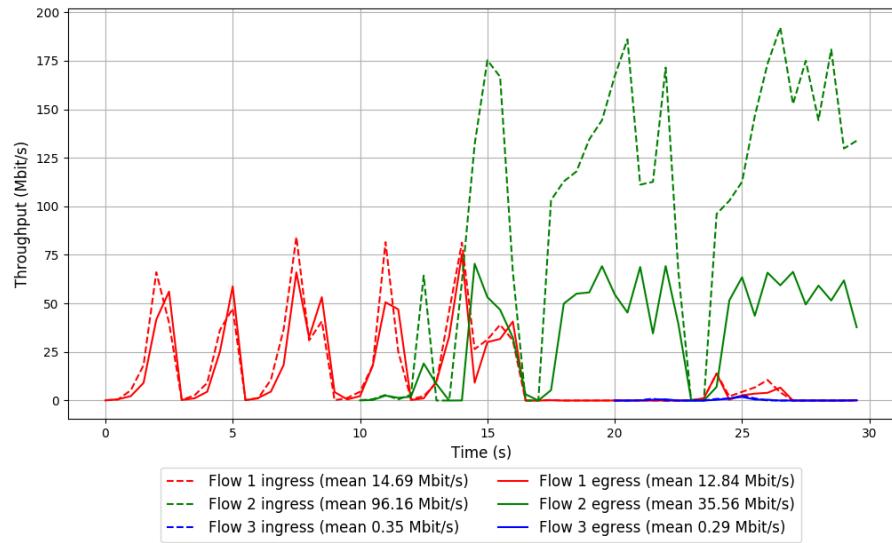


Run 8: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 01:50:09 +0000
End at: Mon, 10 Jul 2017 01:50:39 +0000
Local clock offset: -0.855 ms
Remote clock offset: -0.074 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:42 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 36.52 Mbit/s
95th percentile per-packet one-way delay: 221.979 ms
Loss rate: 53.96%
-- Flow 1:
Average throughput: 12.84 Mbit/s
95th percentile per-packet one-way delay: 182.228 ms
Loss rate: 12.60%
-- Flow 2:
Average throughput: 35.56 Mbit/s
95th percentile per-packet one-way delay: 224.892 ms
Loss rate: 63.43%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 213.754 ms
Loss rate: 18.92%
```

Run 8: Report of Verus — Data Link

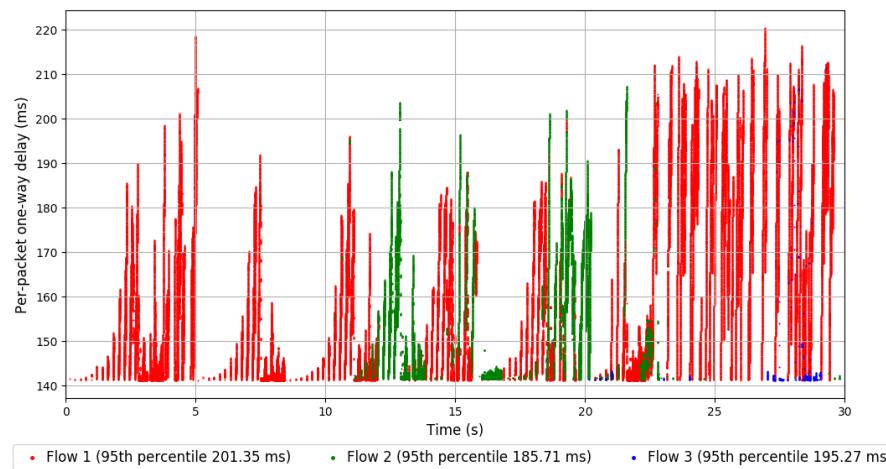
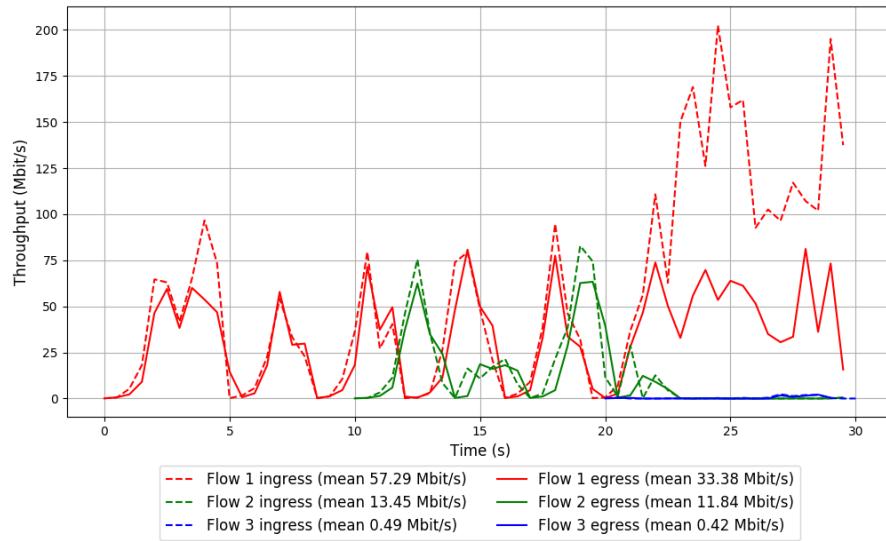


Run 9: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 02:10:03 +0000
End at: Mon, 10 Jul 2017 02:10:33 +0000
Local clock offset: 0.287 ms
Remote clock offset: -0.365 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:46 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.11 Mbit/s
95th percentile per-packet one-way delay: 199.979 ms
Loss rate: 38.68%
-- Flow 1:
Average throughput: 33.38 Mbit/s
95th percentile per-packet one-way delay: 201.350 ms
Loss rate: 42.74%
-- Flow 2:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 185.711 ms
Loss rate: 12.88%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 195.267 ms
Loss rate: 22.33%
```

Run 9: Report of Verus — Data Link

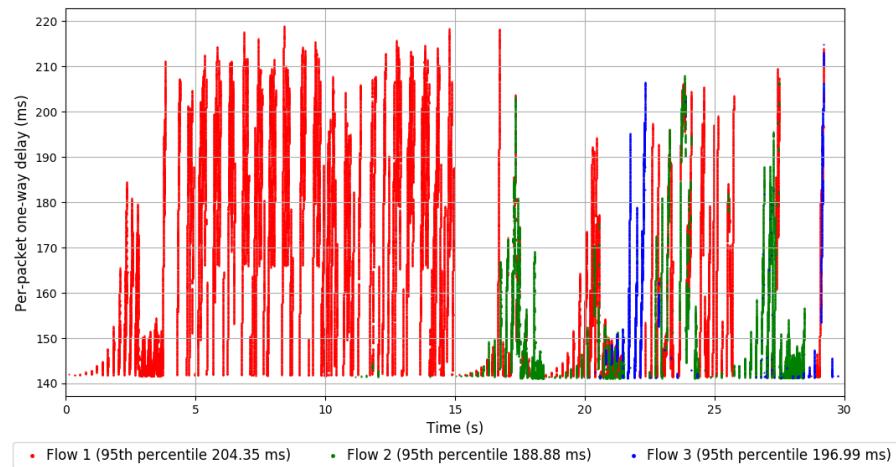
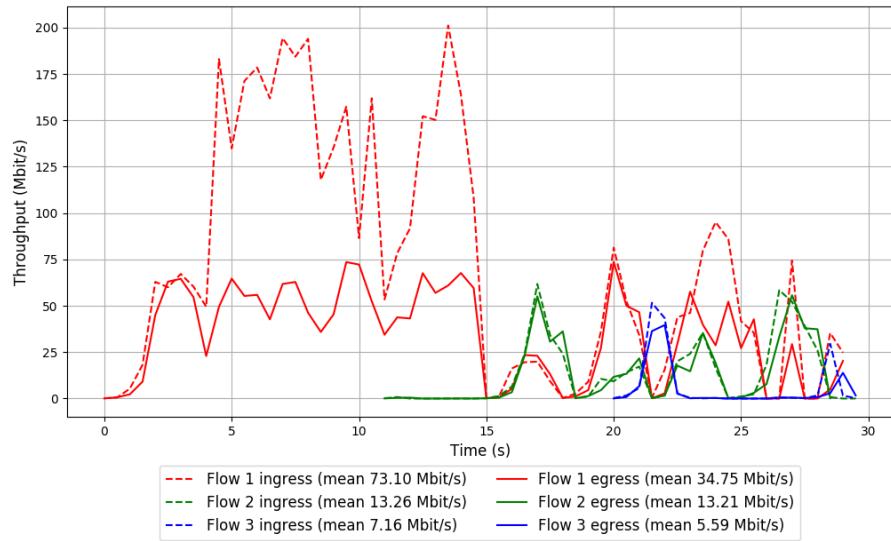


Run 10: Statistics of Verus

```
Start at: Mon, 10 Jul 2017 02:29:49 +0000
End at: Mon, 10 Jul 2017 02:30:19 +0000
Local clock offset: -0.985 ms
Remote clock offset: -0.469 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 43.83 Mbit/s
95th percentile per-packet one-way delay: 203.310 ms
Loss rate: 46.92%
-- Flow 1:
Average throughput: 34.75 Mbit/s
95th percentile per-packet one-way delay: 204.347 ms
Loss rate: 52.43%
-- Flow 2:
Average throughput: 13.21 Mbit/s
95th percentile per-packet one-way delay: 188.877 ms
Loss rate: 6.83%
-- Flow 3:
Average throughput: 5.59 Mbit/s
95th percentile per-packet one-way delay: 196.986 ms
Loss rate: 23.53%
```

Run 10: Report of Verus — Data Link

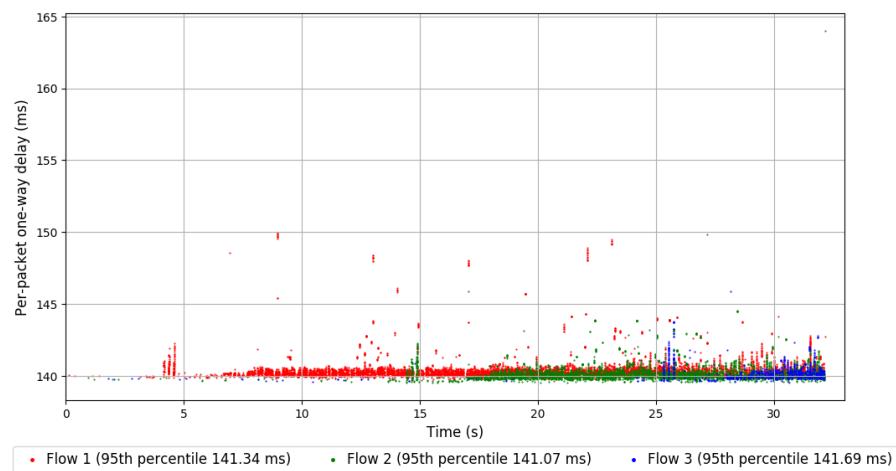
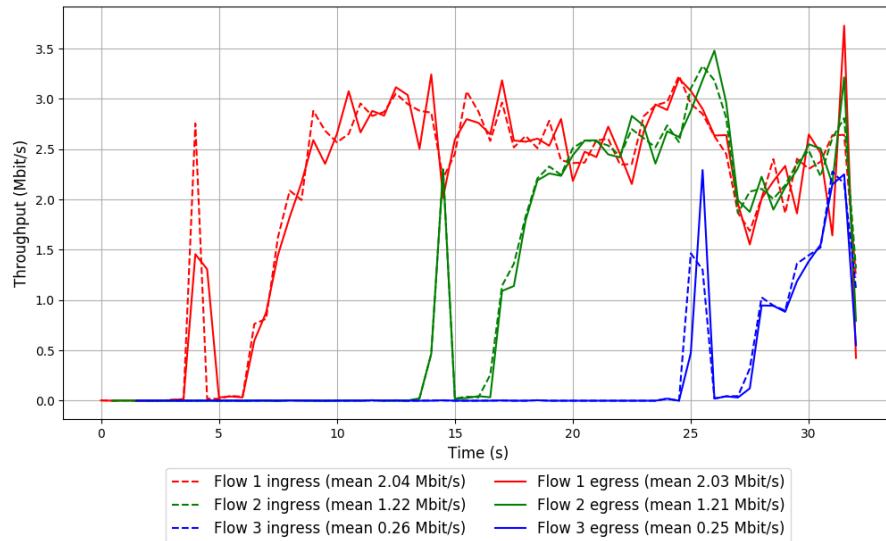


```
Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 23:22:25 +0000
End at: Sun, 09 Jul 2017 23:22:55 +0000
Local clock offset: -0.311 ms
Remote clock offset: -1.302 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 141.318 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 141.345 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 141.073 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 141.694 ms
Loss rate: 6.97%
```

Run 1: Report of WebRTC media — Data Link

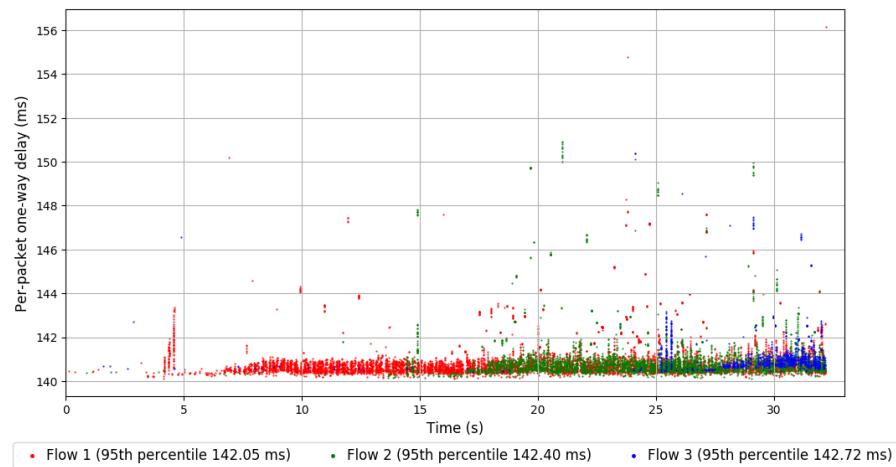
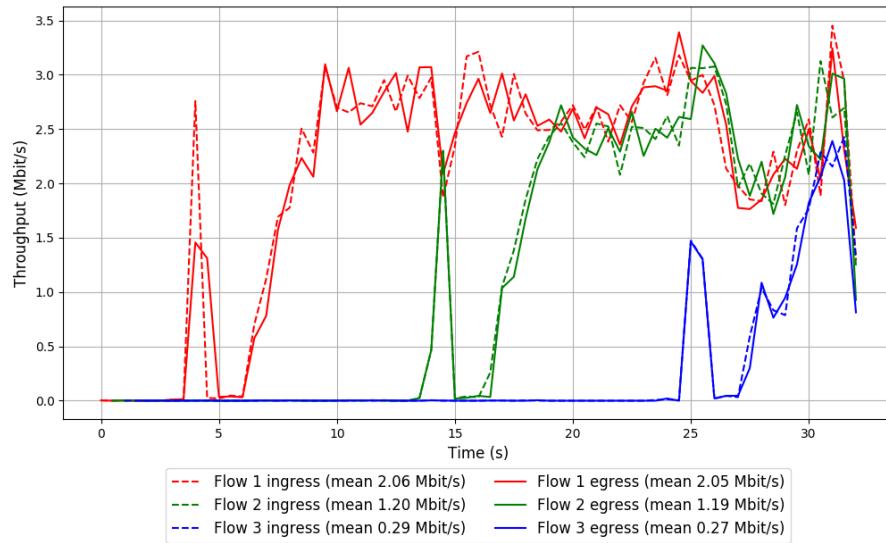


Run 2: Statistics of WebRTC media

```
Start at: Sun, 09 Jul 2017 23:42:20 +0000
End at: Sun, 09 Jul 2017 23:42:50 +0000
Local clock offset: 0.926 ms
Remote clock offset: -0.778 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:51 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 142.262 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 142.046 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 142.398 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 142.718 ms
Loss rate: 7.42%
```

Run 2: Report of WebRTC media — Data Link

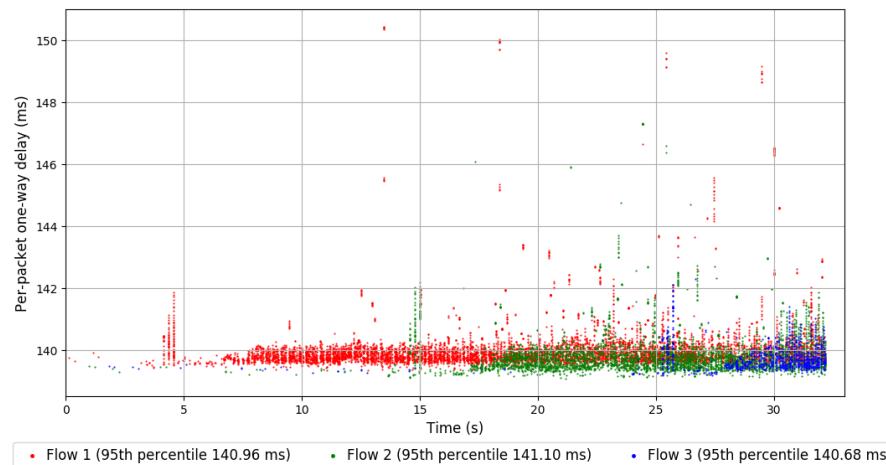
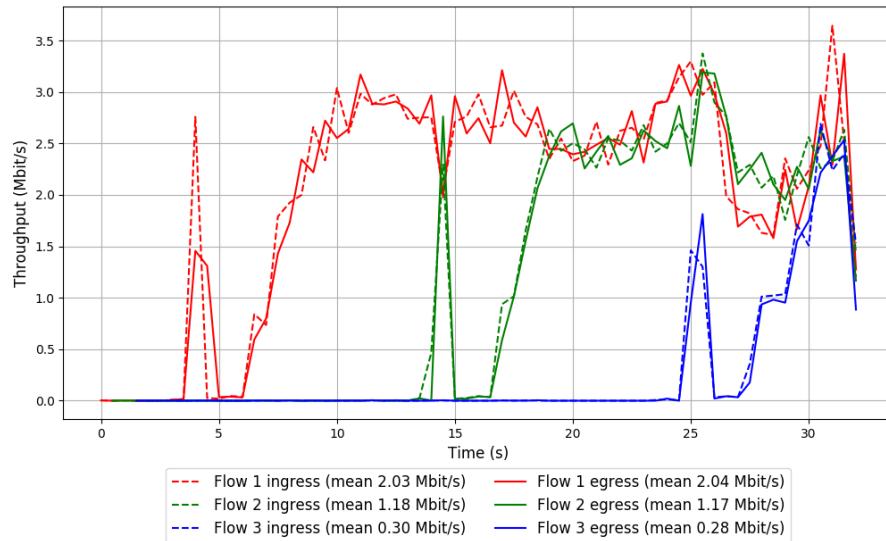


Run 3: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:02:18 +0000
End at: Mon, 10 Jul 2017 00:02:48 +0000
Local clock offset: -0.512 ms
Remote clock offset: -1.812 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:52 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 140.977 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 140.955 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 141.104 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 140.682 ms
Loss rate: 6.32%
```

Run 3: Report of WebRTC media — Data Link

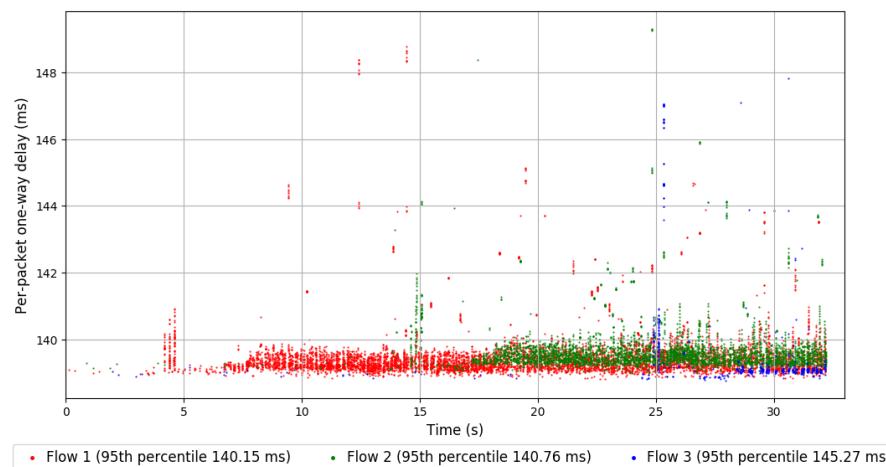
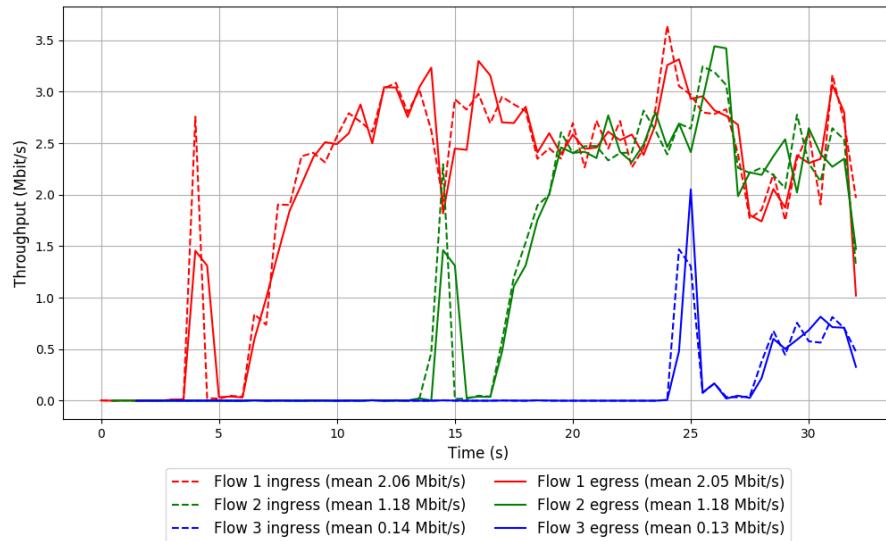


Run 4: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 00:22:12 +0000
End at: Mon, 10 Jul 2017 00:22:42 +0000
Local clock offset: -0.426 ms
Remote clock offset: -2.186 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:53 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 140.512 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 140.149 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 140.760 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 145.269 ms
Loss rate: 5.64%
```

Run 4: Report of WebRTC media — Data Link

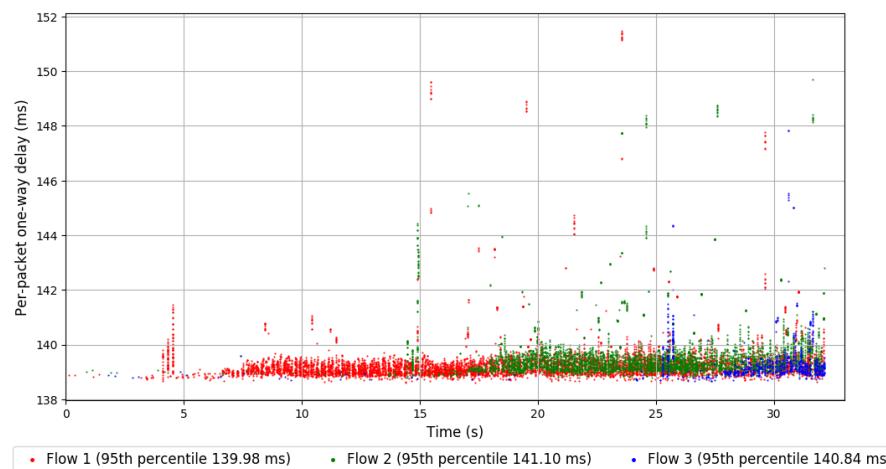
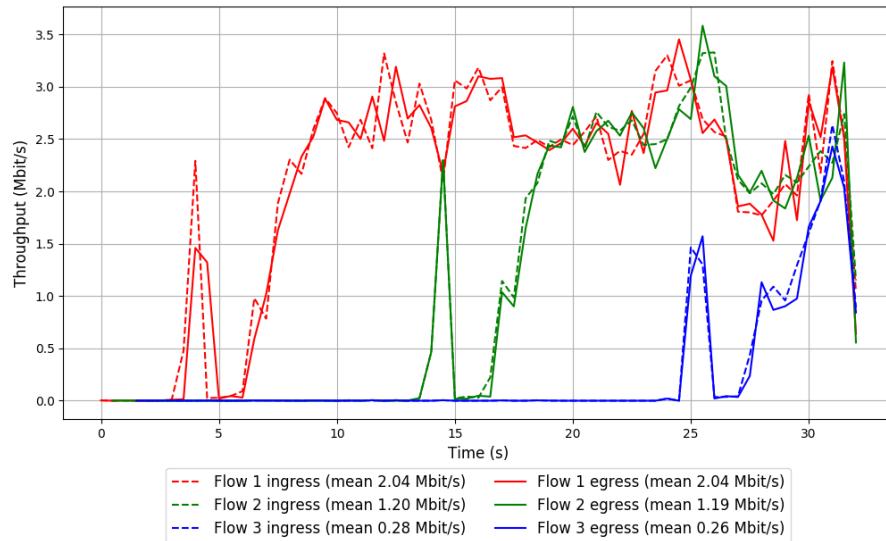


```
Run 5: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 00:42:22 +0000
End at: Mon, 10 Jul 2017 00:42:52 +0000
Local clock offset: -0.66 ms
Remote clock offset: -2.334 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:54 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 140.435 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 139.976 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 141.102 ms
Loss rate: 1.50%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 140.839 ms
Loss rate: 5.30%
```

Run 5: Report of WebRTC media — Data Link

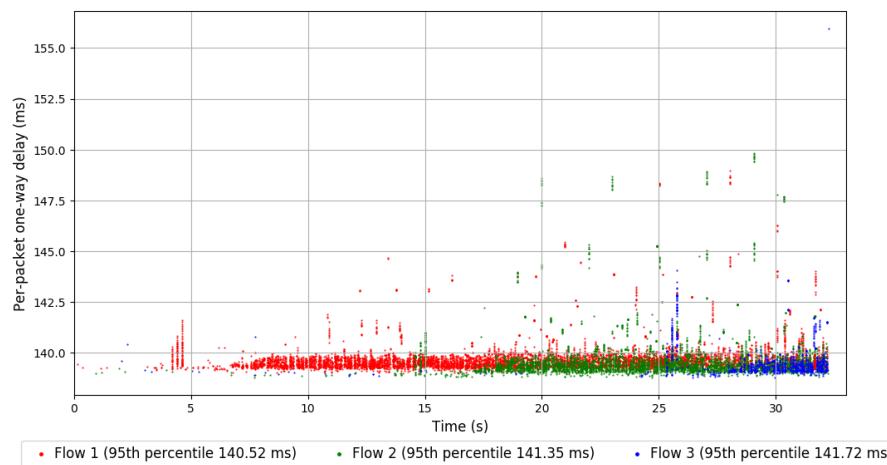
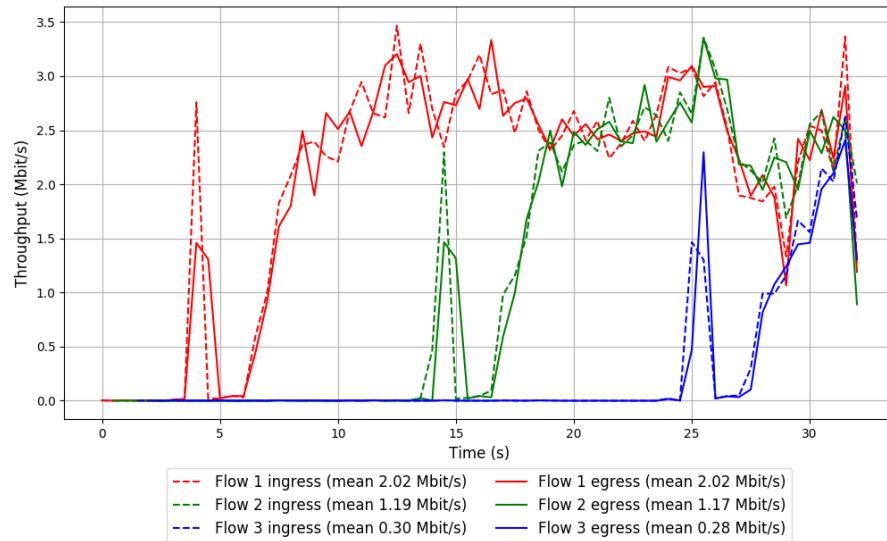


Run 6: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:02:18 +0000
End at: Mon, 10 Jul 2017 01:02:48 +0000
Local clock offset: 0.927 ms
Remote clock offset: -2.069 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:55 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 140.938 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 140.523 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 141.349 ms
Loss rate: 2.05%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 141.718 ms
Loss rate: 6.86%
```

Run 6: Report of WebRTC media — Data Link

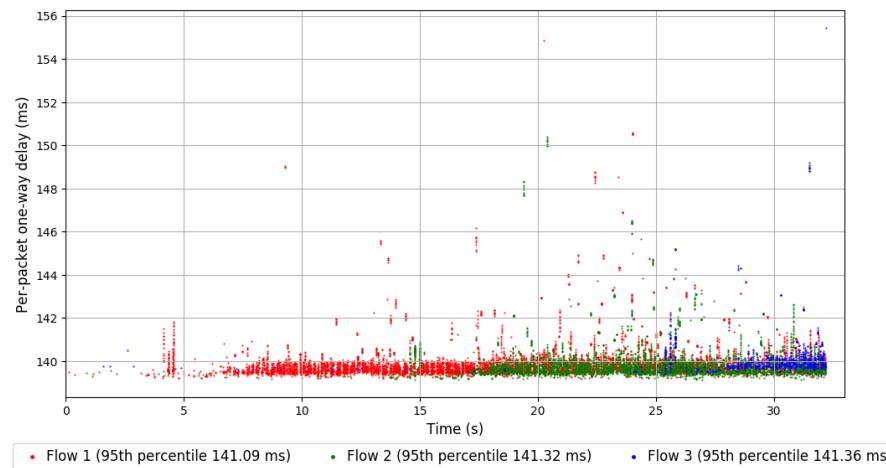
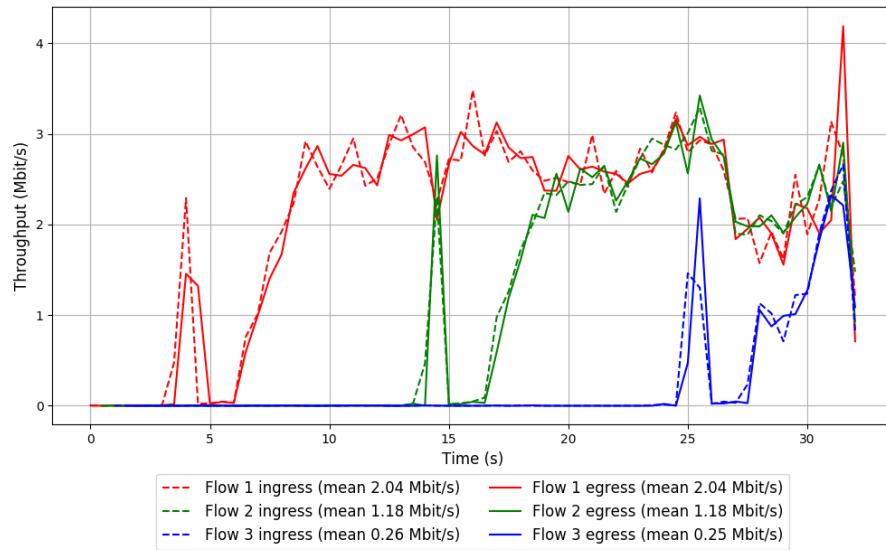


Run 7: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:22:20 +0000
End at: Mon, 10 Jul 2017 01:22:50 +0000
Local clock offset: -0.573 ms
Remote clock offset: -1.689 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:56 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 141.202 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 141.086 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 141.320 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 141.360 ms
Loss rate: 3.94%
```

Run 7: Report of WebRTC media — Data Link

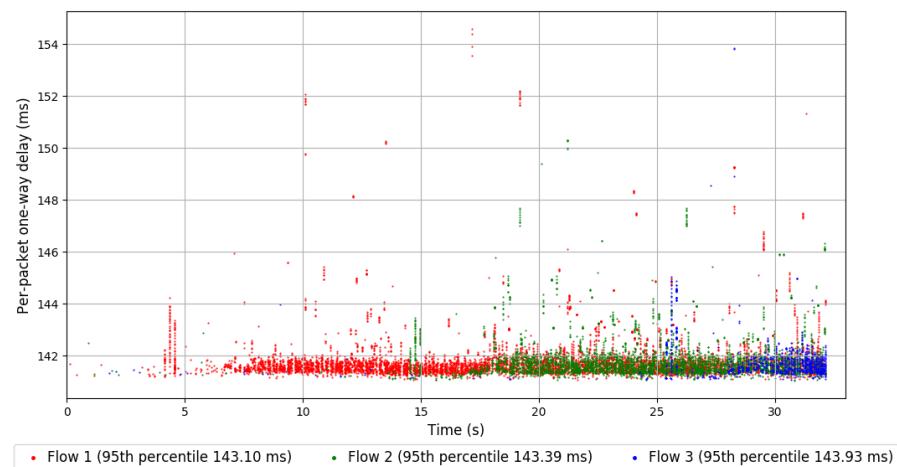
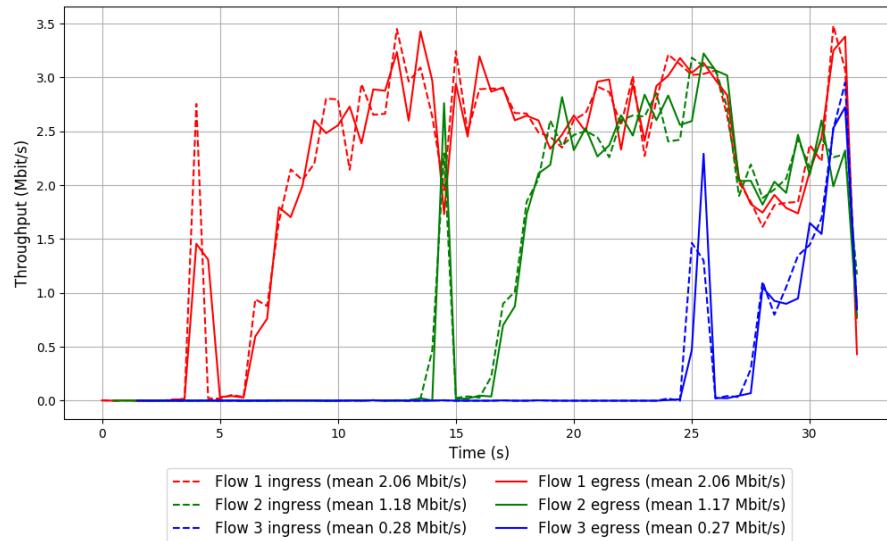


Run 8: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 01:42:11 +0000
End at: Mon, 10 Jul 2017 01:42:41 +0000
Local clock offset: 0.416 ms
Remote clock offset: -0.025 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:57 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 143.229 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 143.096 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 143.390 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 143.929 ms
Loss rate: 4.93%
```

Run 8: Report of WebRTC media — Data Link

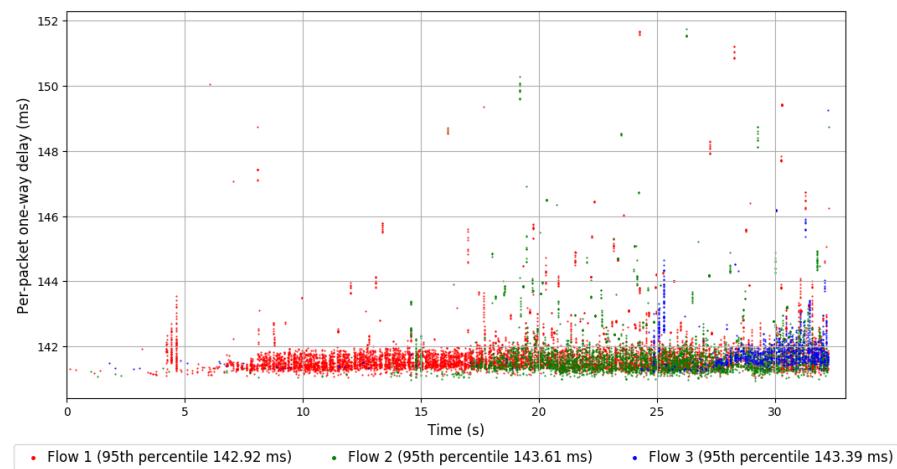
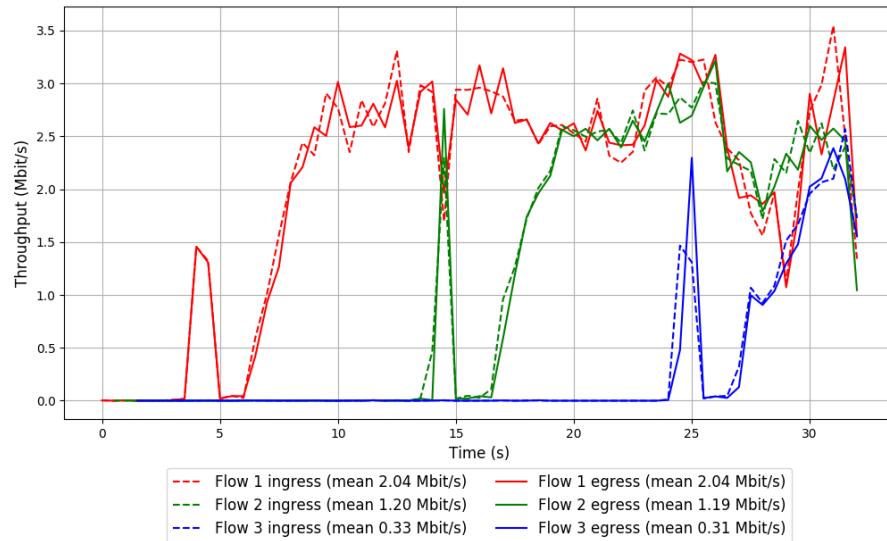


Run 9: Statistics of WebRTC media

```
Start at: Mon, 10 Jul 2017 02:02:03 +0000
End at: Mon, 10 Jul 2017 02:02:33 +0000
Local clock offset: -0.874 ms
Remote clock offset: -0.269 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 143.135 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 142.924 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 143.611 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 143.386 ms
Loss rate: 5.06%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Mon, 10 Jul 2017 02:21:56 +0000
End at: Mon, 10 Jul 2017 02:22:26 +0000
Local clock offset: 0.219 ms
Remote clock offset: -0.445 ms

# Below is generated by plot.py at Mon, 10 Jul 2017 03:09:58 +0000
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 142.893 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 142.991 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 142.702 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 144.338 ms
Loss rate: 4.31%
```

Run 10: Report of WebRTC media — Data Link

