

Pantheon Report

Generated at 2017-09-18 07:57:45 (UTC).

Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 Ethernet (*local*).

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.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

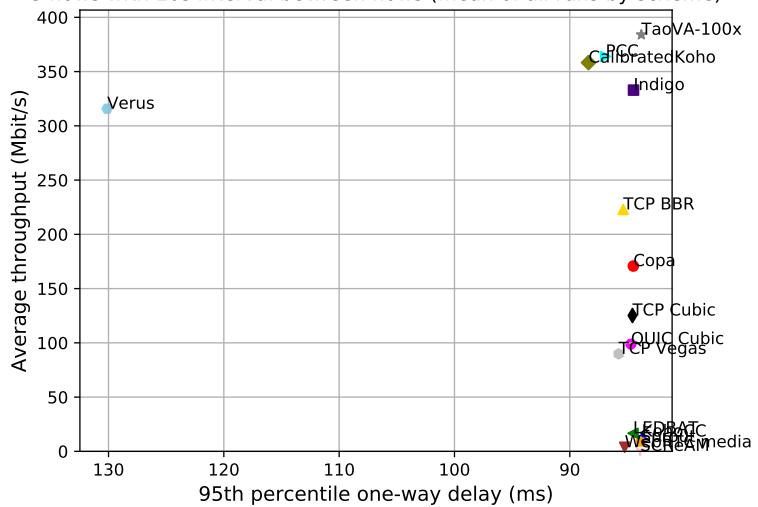
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

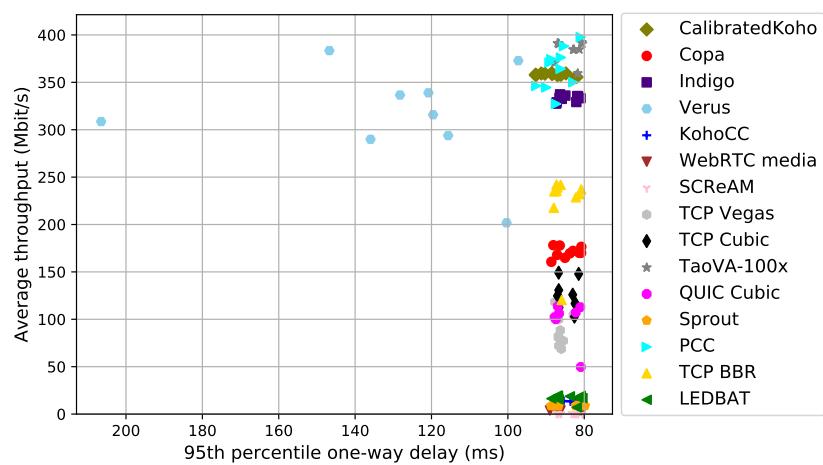
Git summary:

```
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



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



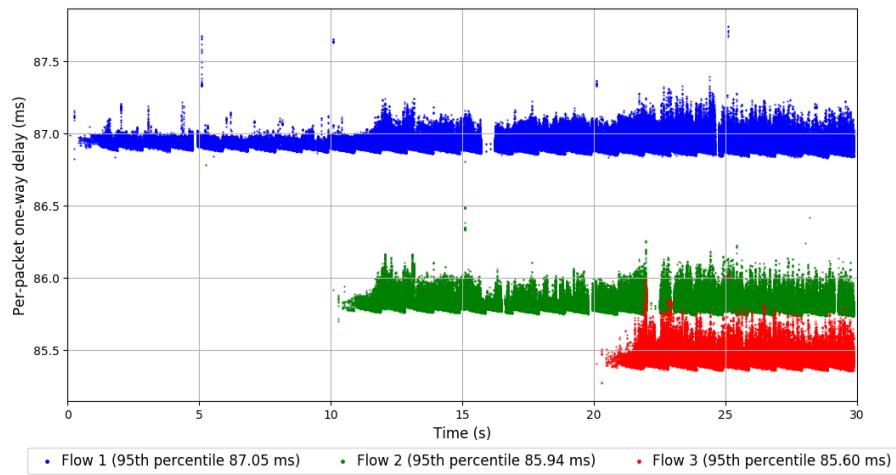
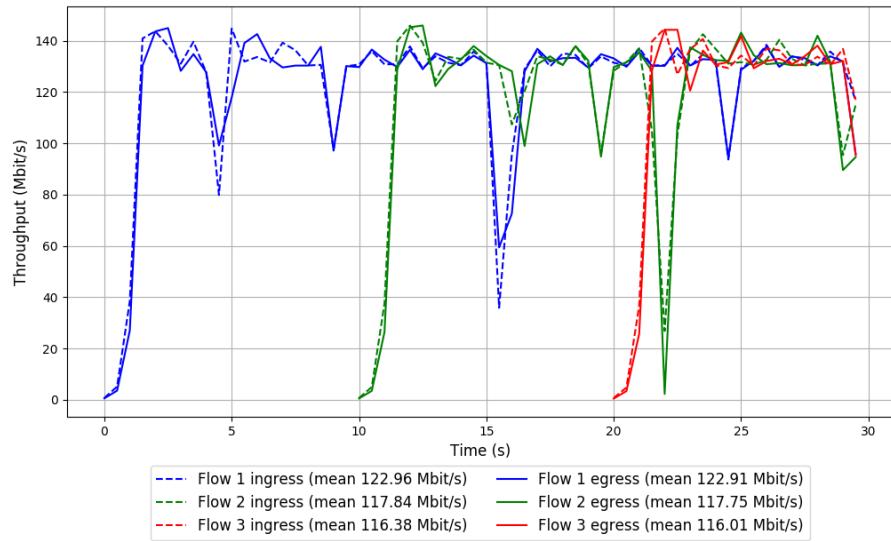
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	109.85	116.08	109.70	128.28	84.55	85.00	0.56	0.83	1.84
CalibratedKoho	10	328.30	43.27	3.67	88.15	89.53	89.92	35.99	49.30	48.18
Copa	10	90.97	86.22	87.91	83.70	83.97	83.73	0.57	1.03	2.60
TCP Cubic	10	61.62	67.48	57.47	84.31	83.95	83.95	0.50	0.81	1.66
Indigo	10	177.39	166.81	139.30	83.71	84.14	84.34	4.03	6.13	14.78
KohoCC	10	6.97	6.85	6.63	82.92	83.69	83.00	0.58	0.88	1.83
LEDBAT	10	9.97	8.04	4.04	162.18	83.94	84.01	0.75	1.53	3.46
PCC	10	242.60	142.29	82.41	89.87	85.33	86.03	11.26	18.11	21.05
QUIC Cubic	7	71.60	54.07	37.84	83.80	84.01	84.03	0.64	0.99	2.81
SCReAM	10	0.22	0.22	0.22	83.64	82.92	83.20	0.51	0.95	1.56
Sprout	10	4.63	4.45	3.64	83.29	83.27	83.34	0.58	0.96	2.69
TaoVA-100x	10	222.84	202.54	112.30	83.13	83.38	83.17	2.31	3.66	8.47
TCP Vegas	10	39.05	49.88	54.13	85.22	84.65	85.32	0.40	0.65	1.32
Verus	9	204.11	122.79	94.08	130.16	108.39	107.67	4.55	8.15	11.49
WebRTC media	10	2.09	1.26	0.42	84.69	84.80	85.04	0.77	1.05	3.49

Run 1: Statistics of TCP BBR

```
Start at: 2017-09-17 23:30:39
End at: 2017-09-17 23:31:09
Local clock offset: -5.4 ms
Remote clock offset: -7.691 ms

# Below is generated by plot.py at 2017-09-18 07:08:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.06 Mbit/s
95th percentile per-packet one-way delay: 87.019 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 122.91 Mbit/s
95th percentile per-packet one-way delay: 87.048 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 117.75 Mbit/s
95th percentile per-packet one-way delay: 85.944 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 116.01 Mbit/s
95th percentile per-packet one-way delay: 85.598 ms
Loss rate: 1.95%
```

Run 1: Report of TCP BBR — Data Link

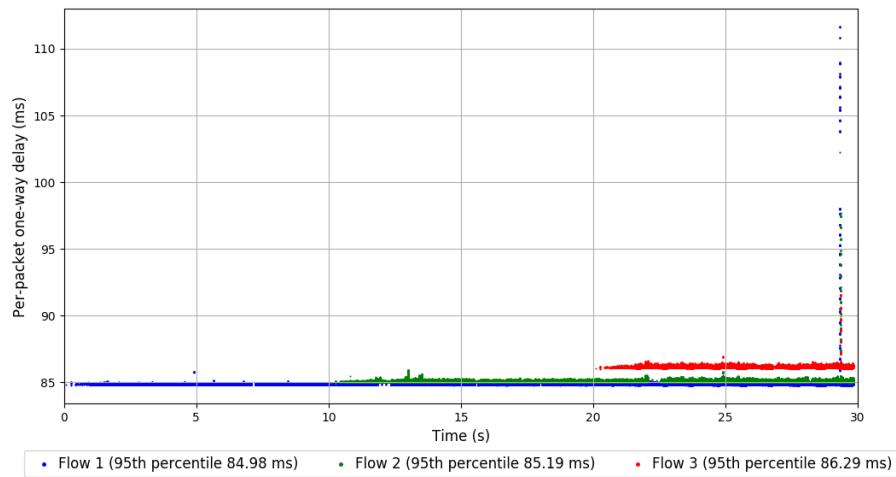
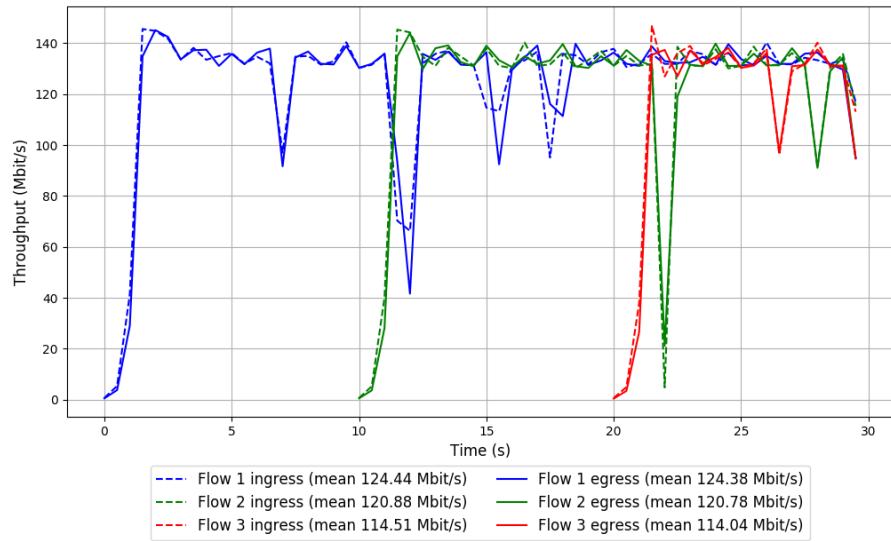


Run 2: Statistics of TCP BBR

```
Start at: 2017-09-17 23:51:59
End at: 2017-09-17 23:52:29
Local clock offset: -2.968 ms
Remote clock offset: -6.518 ms

# Below is generated by plot.py at 2017-09-18 07:08:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 241.85 Mbit/s
95th percentile per-packet one-way delay: 86.181 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 124.38 Mbit/s
95th percentile per-packet one-way delay: 84.980 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 120.78 Mbit/s
95th percentile per-packet one-way delay: 85.192 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 114.04 Mbit/s
95th percentile per-packet one-way delay: 86.288 ms
Loss rate: 1.85%
```

Run 2: Report of TCP BBR — Data Link

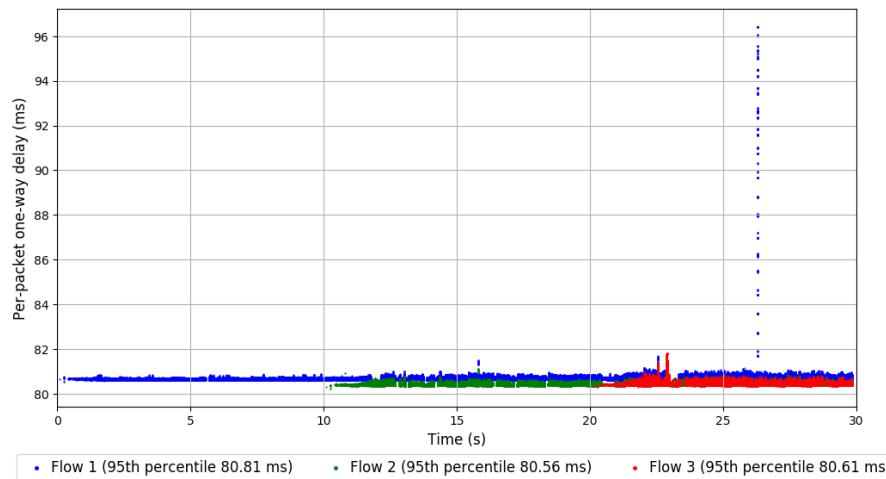
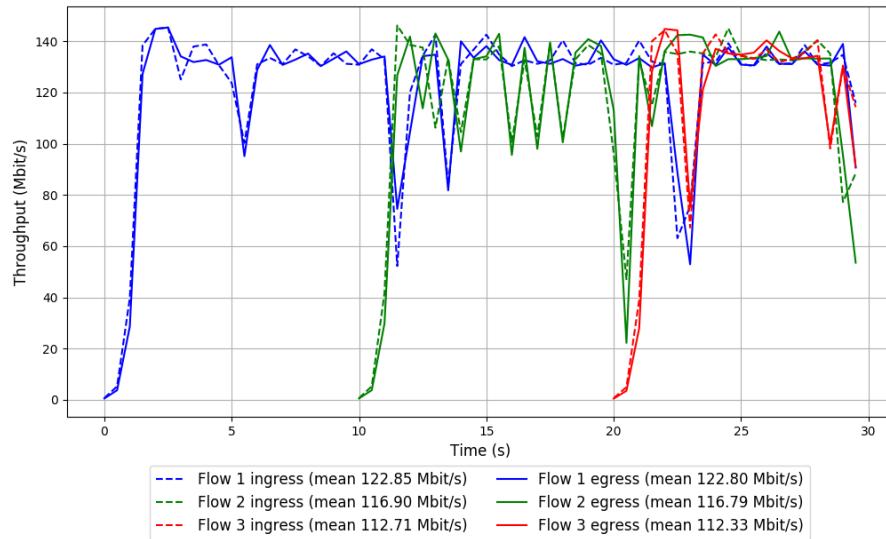


Run 3: Statistics of TCP BBR

```
Start at: 2017-09-18 00:13:34
End at: 2017-09-18 00:14:04
Local clock offset: -2.959 ms
Remote clock offset: -1.506 ms

# Below is generated by plot.py at 2017-09-18 07:08:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 237.05 Mbit/s
95th percentile per-packet one-way delay: 80.773 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 122.80 Mbit/s
95th percentile per-packet one-way delay: 80.808 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 116.79 Mbit/s
95th percentile per-packet one-way delay: 80.555 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 112.33 Mbit/s
95th percentile per-packet one-way delay: 80.611 ms
Loss rate: 2.03%
```

Run 3: Report of TCP BBR — Data Link

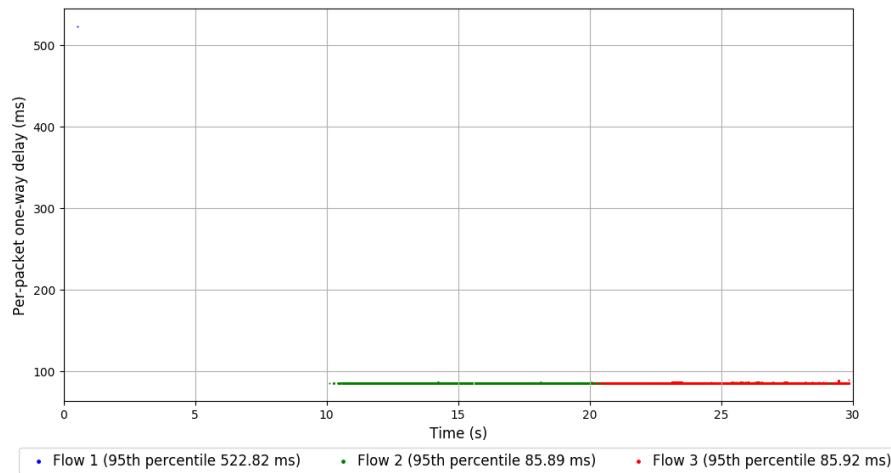
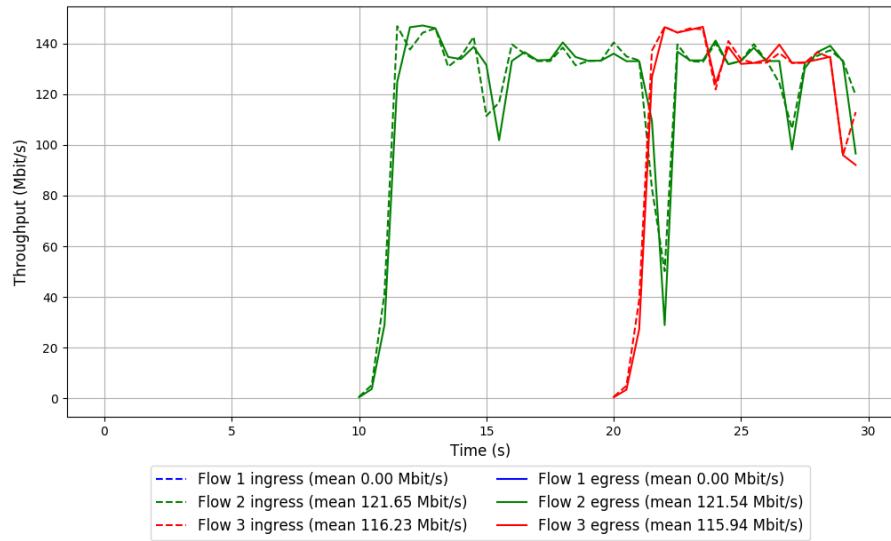


Run 4: Statistics of TCP BBR

```
Start at: 2017-09-18 00:34:54
End at: 2017-09-18 00:35:24
Local clock offset: -3.125 ms
Remote clock offset: -6.596 ms

# Below is generated by plot.py at 2017-09-18 07:08:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 120.41 Mbit/s
95th percentile per-packet one-way delay: 85.903 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 522.819 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 121.54 Mbit/s
95th percentile per-packet one-way delay: 85.894 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 115.94 Mbit/s
95th percentile per-packet one-way delay: 85.920 ms
Loss rate: 1.90%
```

Run 4: Report of TCP BBR — Data Link

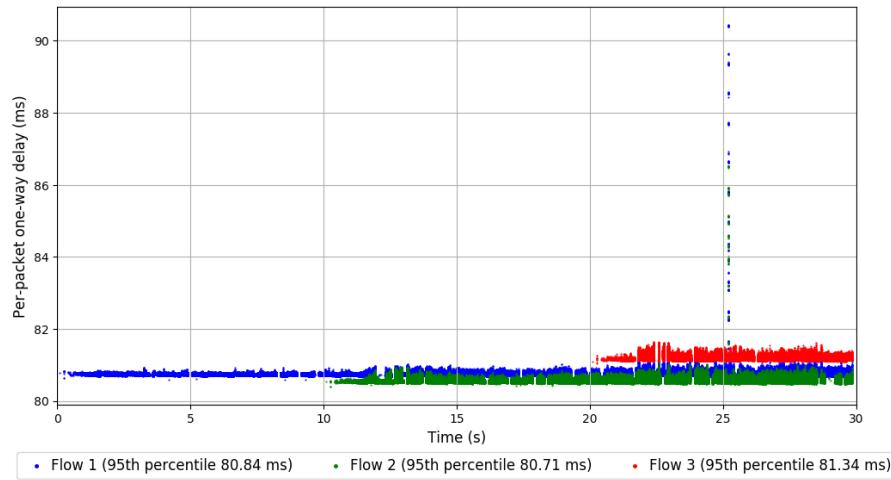
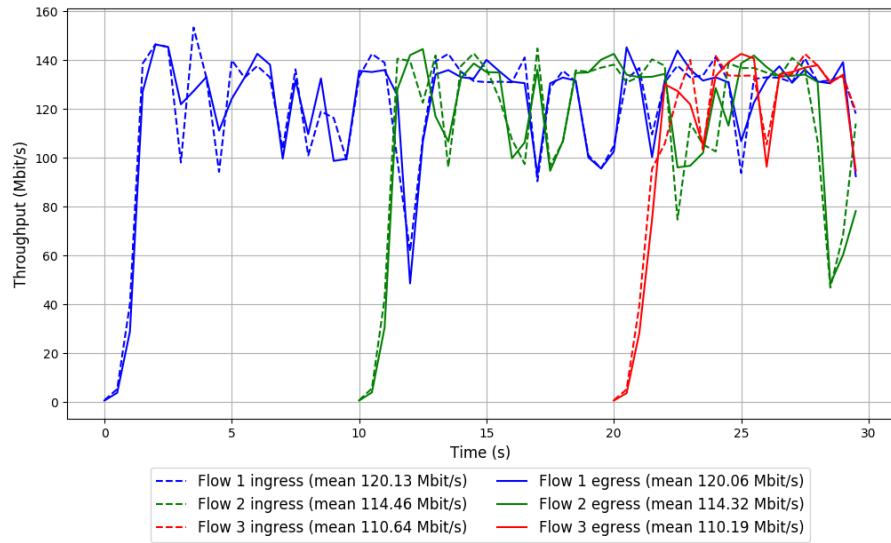


Run 5: Statistics of TCP BBR

```
Start at: 2017-09-18 00:56:15
End at: 2017-09-18 00:56:45
Local clock offset: -2.962 ms
Remote clock offset: -1.323 ms

# Below is generated by plot.py at 2017-09-18 07:08:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 232.03 Mbit/s
95th percentile per-packet one-way delay: 81.221 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 120.06 Mbit/s
95th percentile per-packet one-way delay: 80.845 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 114.32 Mbit/s
95th percentile per-packet one-way delay: 80.710 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 110.19 Mbit/s
95th percentile per-packet one-way delay: 81.341 ms
Loss rate: 2.19%
```

Run 5: Report of TCP BBR — Data Link

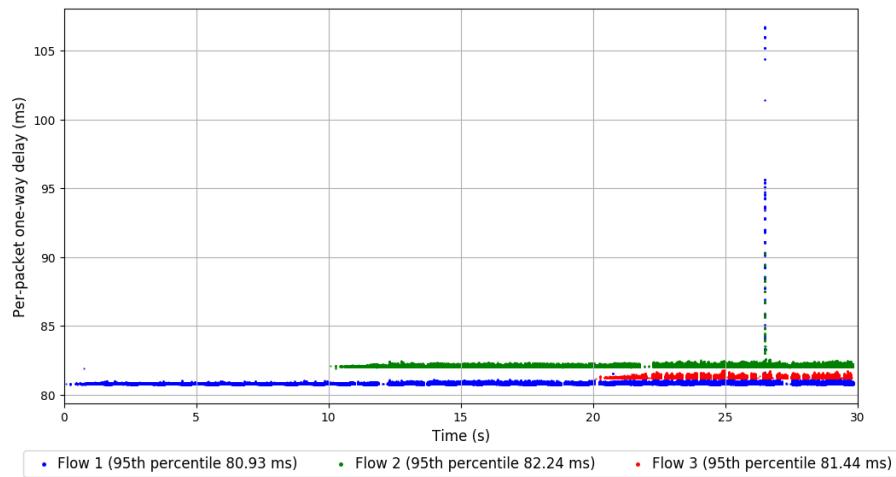
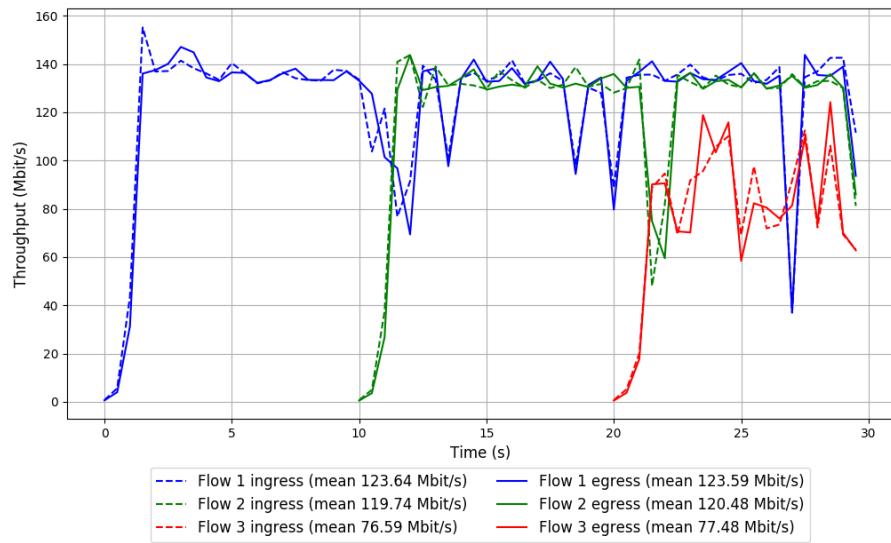


Run 6: Statistics of TCP BBR

```
Start at: 2017-09-18 01:18:03
End at: 2017-09-18 01:18:33
Local clock offset: -2.884 ms
Remote clock offset: -1.965 ms

# Below is generated by plot.py at 2017-09-18 07:08:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 228.69 Mbit/s
95th percentile per-packet one-way delay: 82.184 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 123.59 Mbit/s
95th percentile per-packet one-way delay: 80.933 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 120.48 Mbit/s
95th percentile per-packet one-way delay: 82.239 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 77.48 Mbit/s
95th percentile per-packet one-way delay: 81.445 ms
Loss rate: 0.55%
```

Run 6: Report of TCP BBR — Data Link

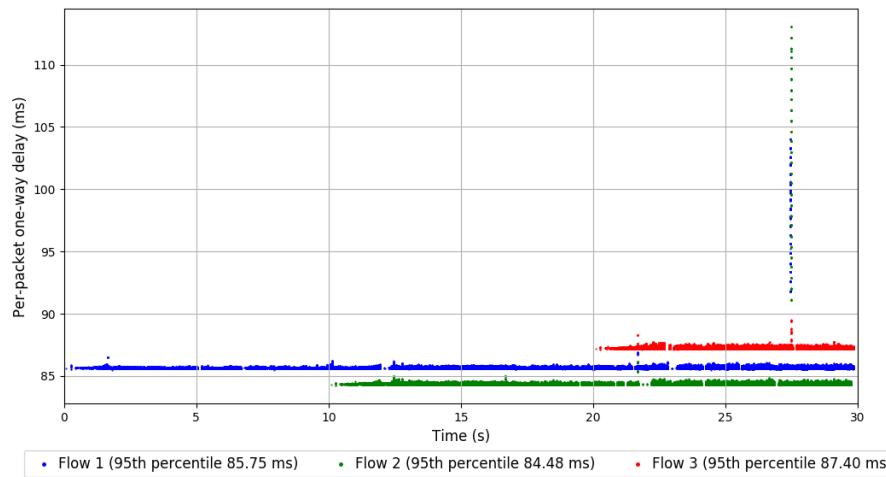
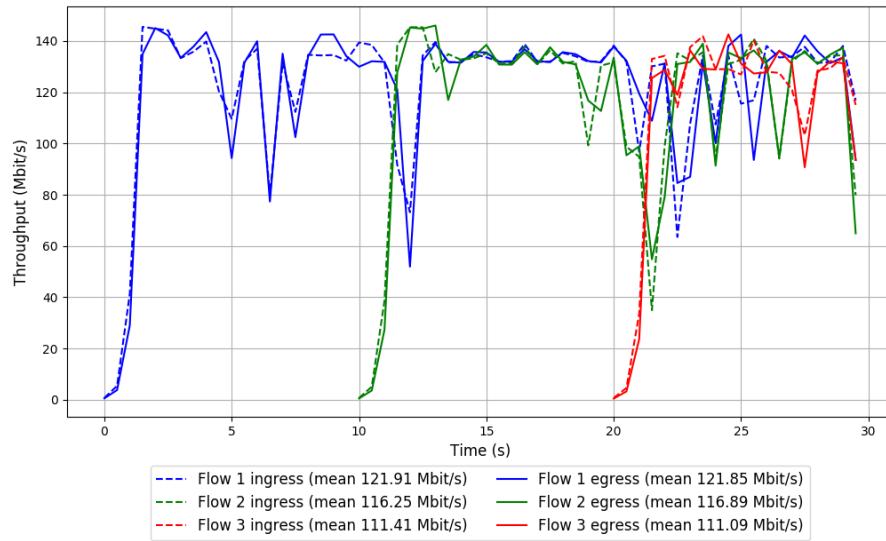


Run 7: Statistics of TCP BBR

```
Start at: 2017-09-18 01:39:45
End at: 2017-09-18 01:40:15
Local clock offset: -2.402 ms
Remote clock offset: -6.006 ms

# Below is generated by plot.py at 2017-09-18 07:08:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 235.46 Mbit/s
95th percentile per-packet one-way delay: 87.275 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 121.85 Mbit/s
95th percentile per-packet one-way delay: 85.753 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 116.89 Mbit/s
95th percentile per-packet one-way delay: 84.482 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 111.09 Mbit/s
95th percentile per-packet one-way delay: 87.403 ms
Loss rate: 2.03%
```

Run 7: Report of TCP BBR — Data Link

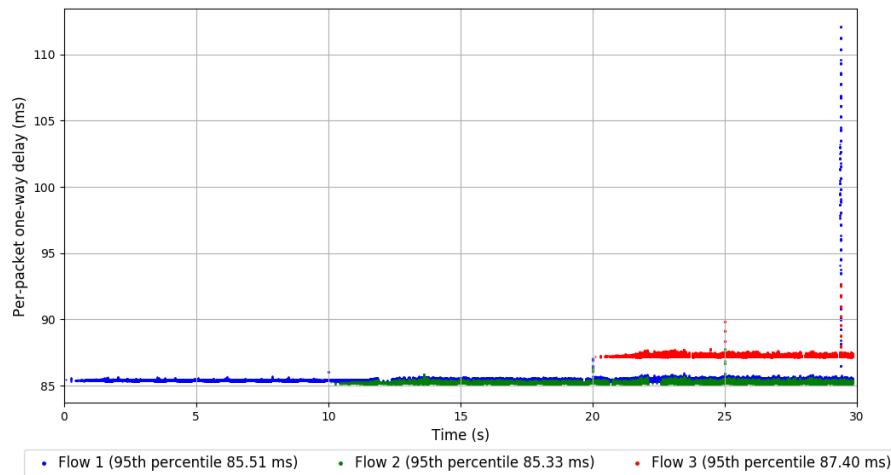
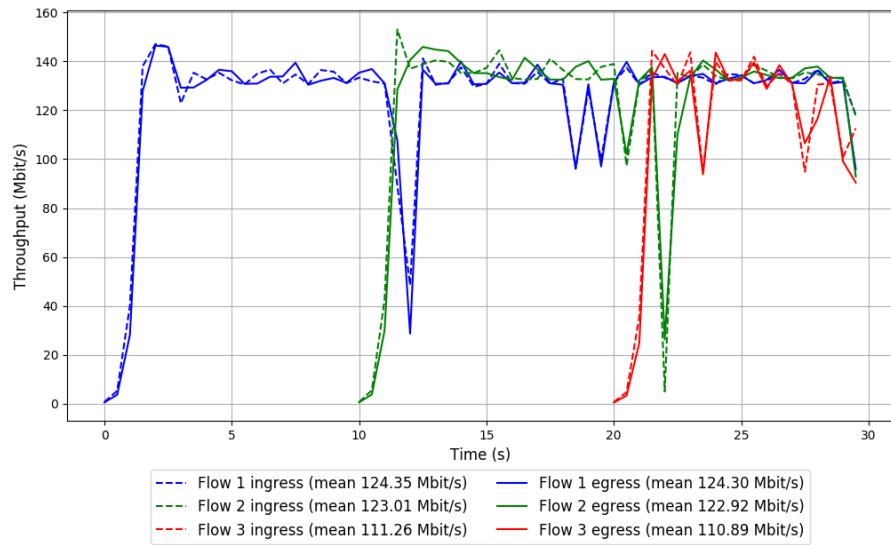


Run 8: Statistics of TCP BBR

```
Start at: 2017-09-18 02:01:24
End at: 2017-09-18 02:01:54
Local clock offset: -1.83 ms
Remote clock offset: -6.868 ms

# Below is generated by plot.py at 2017-09-18 07:08:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 242.12 Mbit/s
95th percentile per-packet one-way delay: 87.266 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 124.30 Mbit/s
95th percentile per-packet one-way delay: 85.512 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 122.92 Mbit/s
95th percentile per-packet one-way delay: 85.334 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 110.89 Mbit/s
95th percentile per-packet one-way delay: 87.403 ms
Loss rate: 2.04%
```

Run 8: Report of TCP BBR — Data Link

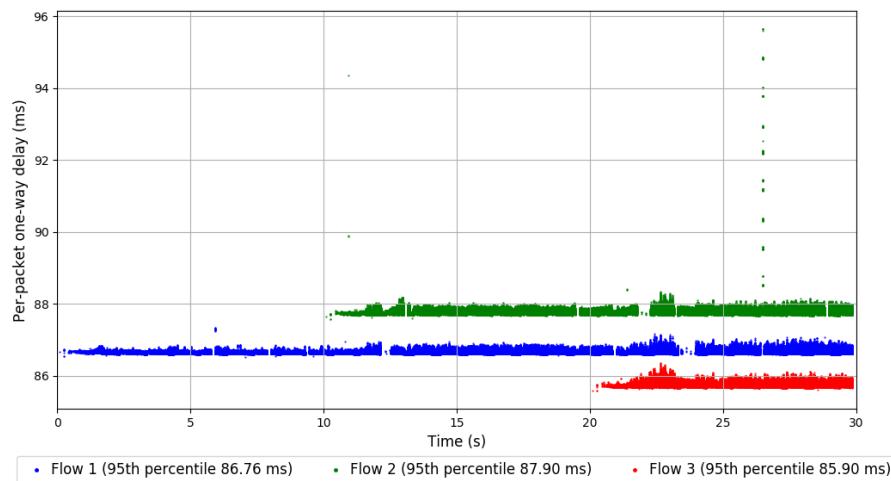
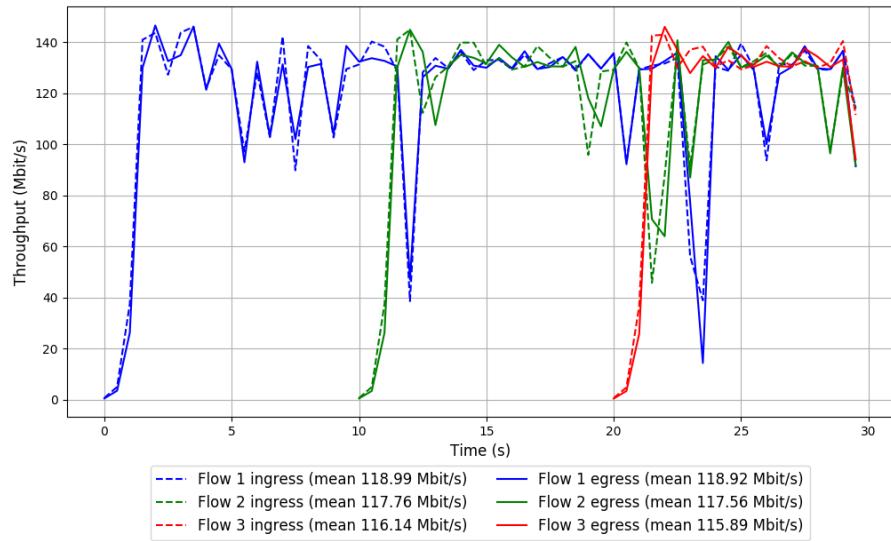


Run 9: Statistics of TCP BBR

```
Start at: 2017-09-18 02:23:04
End at: 2017-09-18 02:23:34
Local clock offset: -1.683 ms
Remote clock offset: -6.297 ms

# Below is generated by plot.py at 2017-09-18 07:09:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 234.92 Mbit/s
95th percentile per-packet one-way delay: 87.847 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 118.92 Mbit/s
95th percentile per-packet one-way delay: 86.763 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 117.56 Mbit/s
95th percentile per-packet one-way delay: 87.899 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 115.89 Mbit/s
95th percentile per-packet one-way delay: 85.898 ms
Loss rate: 1.92%
```

Run 9: Report of TCP BBR — Data Link

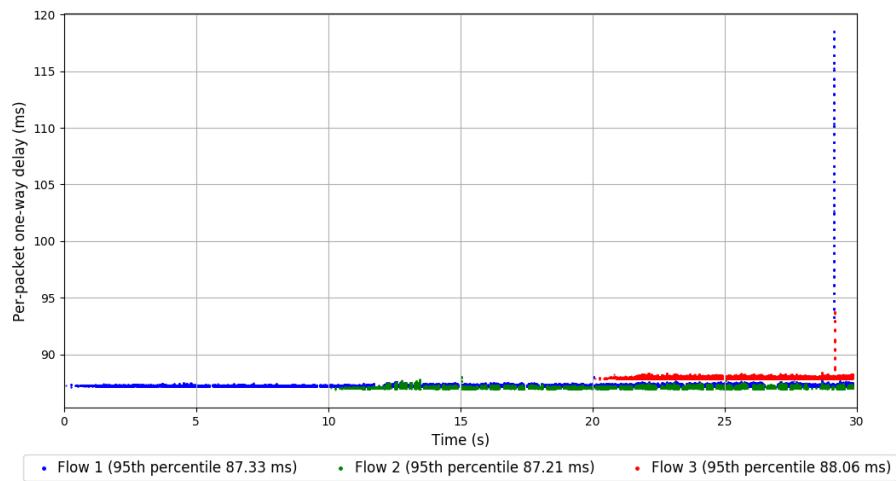
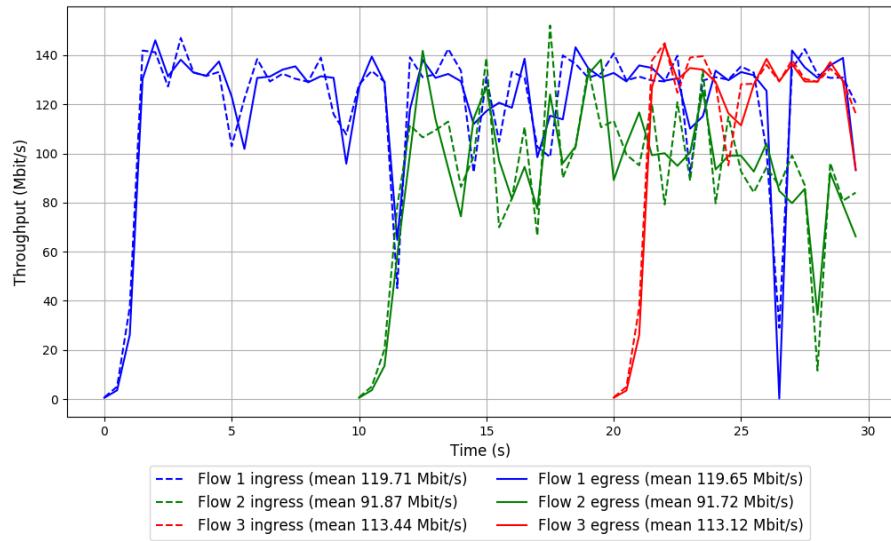


Run 10: Statistics of TCP BBR

```
Start at: 2017-09-18 02:44:44
End at: 2017-09-18 02:45:14
Local clock offset: -1.734 ms
Remote clock offset: -6.864 ms

# Below is generated by plot.py at 2017-09-18 07:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 217.64 Mbit/s
95th percentile per-packet one-way delay: 87.970 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 119.65 Mbit/s
95th percentile per-packet one-way delay: 87.330 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 87.211 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 113.12 Mbit/s
95th percentile per-packet one-way delay: 88.061 ms
Loss rate: 1.99%
```

Run 10: Report of TCP BBR — Data Link

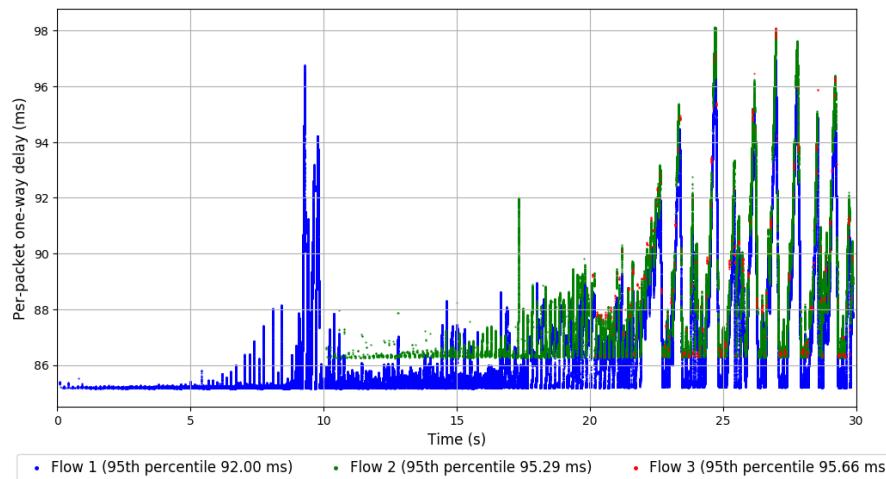
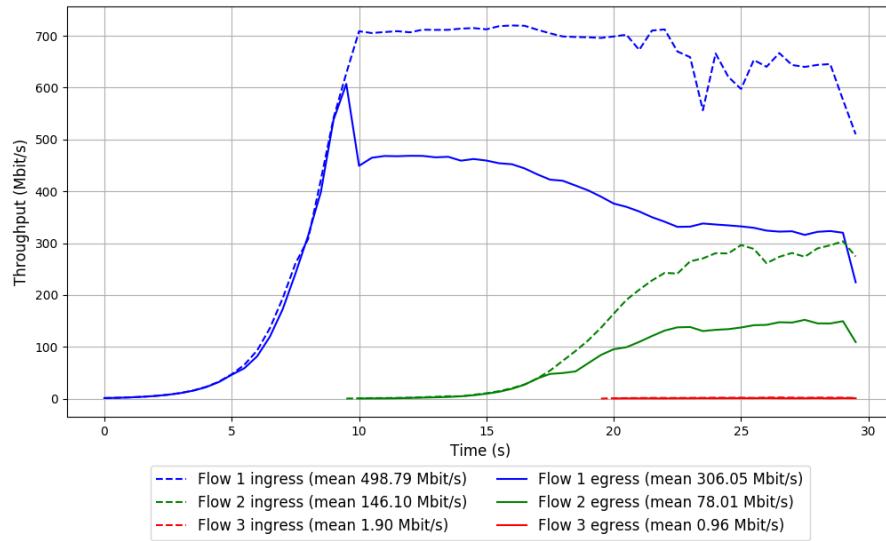


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-09-17 23:28:57
End at: 2017-09-17 23:29:27
Local clock offset: -5.428 ms
Remote clock offset: -7.232 ms

# Below is generated by plot.py at 2017-09-18 07:13:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 358.16 Mbit/s
95th percentile per-packet one-way delay: 92.705 ms
Loss rate: 40.32%
-- Flow 1:
Average throughput: 306.05 Mbit/s
95th percentile per-packet one-way delay: 92.003 ms
Loss rate: 38.99%
-- Flow 2:
Average throughput: 78.01 Mbit/s
95th percentile per-packet one-way delay: 95.290 ms
Loss rate: 47.06%
-- Flow 3:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 95.658 ms
Loss rate: 50.32%
```

Run 1: Report of CalibratedKoho — Data Link

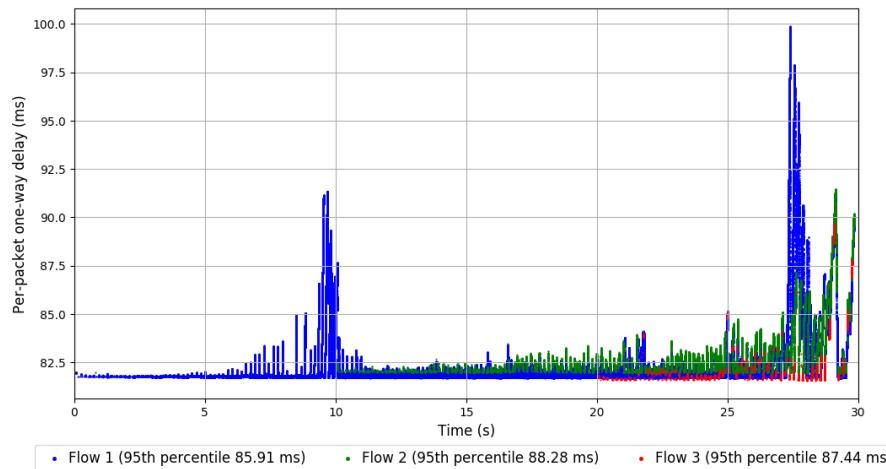
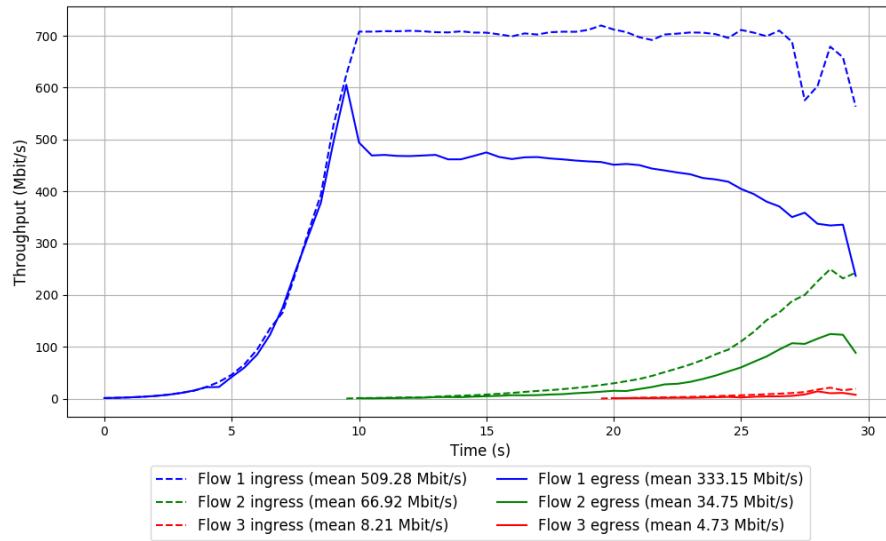


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: 2017-09-17 23:50:17
End at: 2017-09-17 23:50:47
Local clock offset: -3.148 ms
Remote clock offset: -2.219 ms

# Below is generated by plot.py at 2017-09-18 07:13:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.79 Mbit/s
95th percentile per-packet one-way delay: 86.125 ms
Loss rate: 36.08%
-- Flow 1:
Average throughput: 333.15 Mbit/s
95th percentile per-packet one-way delay: 85.912 ms
Loss rate: 34.95%
-- Flow 2:
Average throughput: 34.75 Mbit/s
95th percentile per-packet one-way delay: 88.281 ms
Loss rate: 48.51%
-- Flow 3:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 87.436 ms
Loss rate: 43.65%
```

Run 2: Report of CalibratedKoho — Data Link

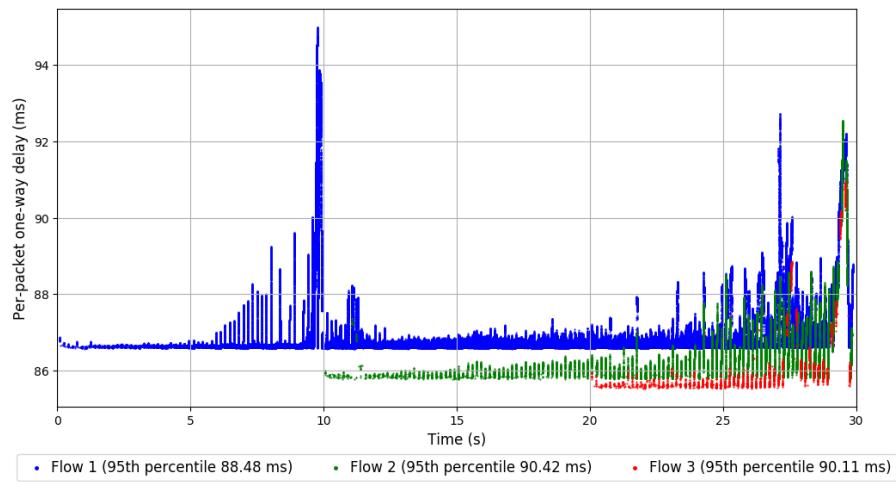
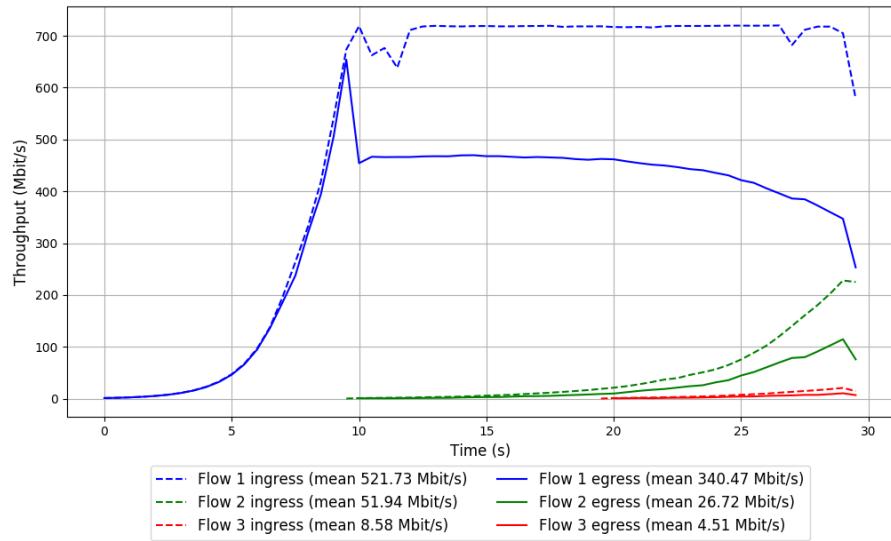


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 00:11:40
End at: 2017-09-18 00:12:10
Local clock offset: -2.838 ms
Remote clock offset: -7.032 ms

# Below is generated by plot.py at 2017-09-18 07:13:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.68 Mbit/s
95th percentile per-packet one-way delay: 88.515 ms
Loss rate: 36.03%
-- Flow 1:
Average throughput: 340.47 Mbit/s
95th percentile per-packet one-way delay: 88.485 ms
Loss rate: 35.11%
-- Flow 2:
Average throughput: 26.72 Mbit/s
95th percentile per-packet one-way delay: 90.424 ms
Loss rate: 48.98%
-- Flow 3:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 90.115 ms
Loss rate: 48.79%
```

Run 3: Report of CalibratedKoho — Data Link

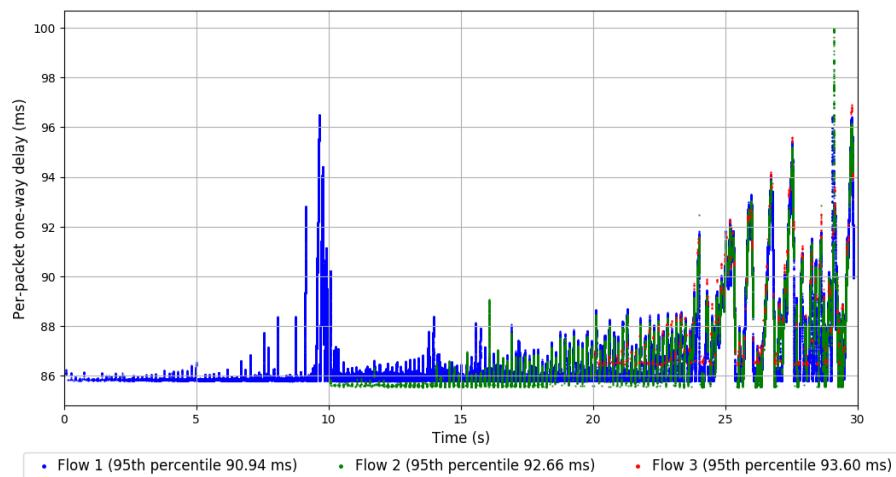
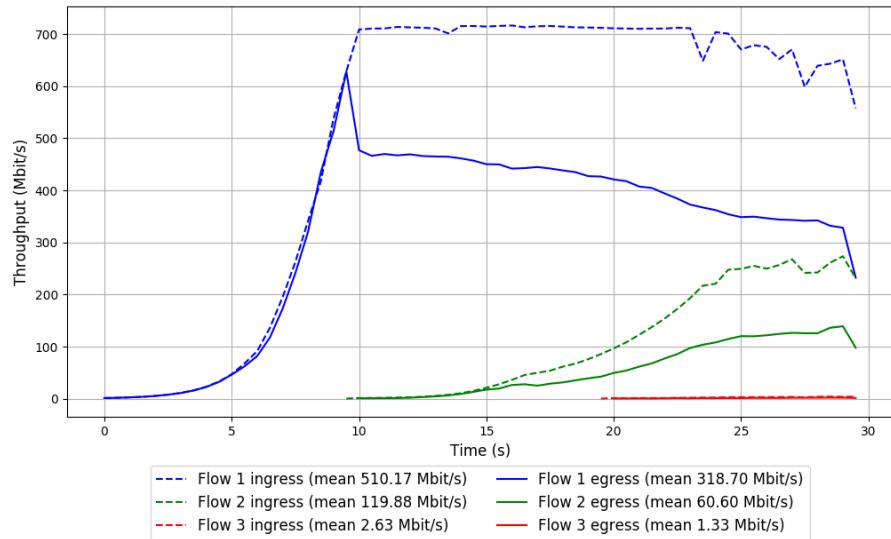


Run 4: Statistics of CalibratedKoho

```
Start at: 2017-09-18 00:33:12
End at: 2017-09-18 00:33:42
Local clock offset: -3.114 ms
Remote clock offset: -6.379 ms

# Below is generated by plot.py at 2017-09-18 07:14:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.34 Mbit/s
95th percentile per-packet one-way delay: 91.247 ms
Loss rate: 39.52%
-- Flow 1:
Average throughput: 318.70 Mbit/s
95th percentile per-packet one-way delay: 90.935 ms
Loss rate: 37.88%
-- Flow 2:
Average throughput: 60.60 Mbit/s
95th percentile per-packet one-way delay: 92.657 ms
Loss rate: 49.88%
-- Flow 3:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 93.604 ms
Loss rate: 50.32%
```

Run 4: Report of CalibratedKoho — Data Link

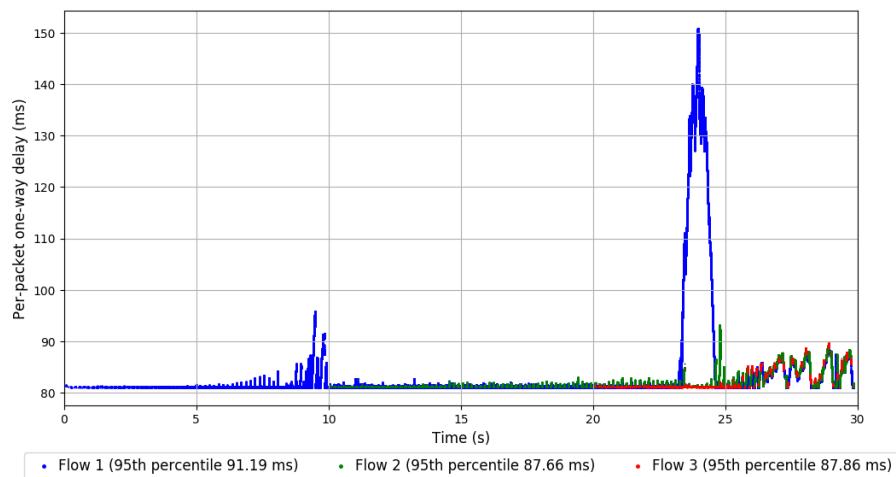
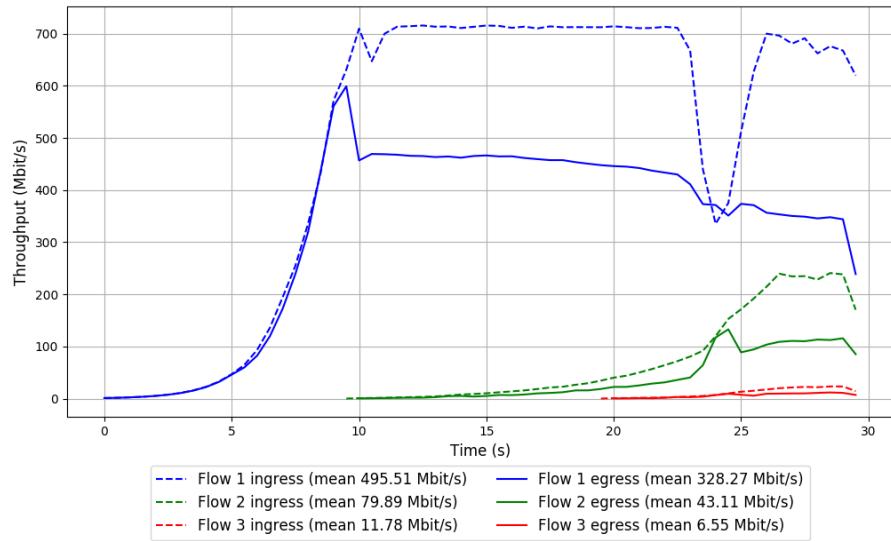


Run 5: Statistics of CalibratedKoho

```
Start at: 2017-09-18 00:54:33
End at: 2017-09-18 00:55:03
Local clock offset: -2.976 ms
Remote clock offset: -1.885 ms

# Below is generated by plot.py at 2017-09-18 07:14:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.07 Mbit/s
95th percentile per-packet one-way delay: 90.298 ms
Loss rate: 35.40%
-- Flow 1:
Average throughput: 328.27 Mbit/s
95th percentile per-packet one-way delay: 91.194 ms
Loss rate: 34.12%
-- Flow 2:
Average throughput: 43.11 Mbit/s
95th percentile per-packet one-way delay: 87.658 ms
Loss rate: 46.49%
-- Flow 3:
Average throughput: 6.55 Mbit/s
95th percentile per-packet one-way delay: 87.862 ms
Loss rate: 45.57%
```

Run 5: Report of CalibratedKoho — Data Link

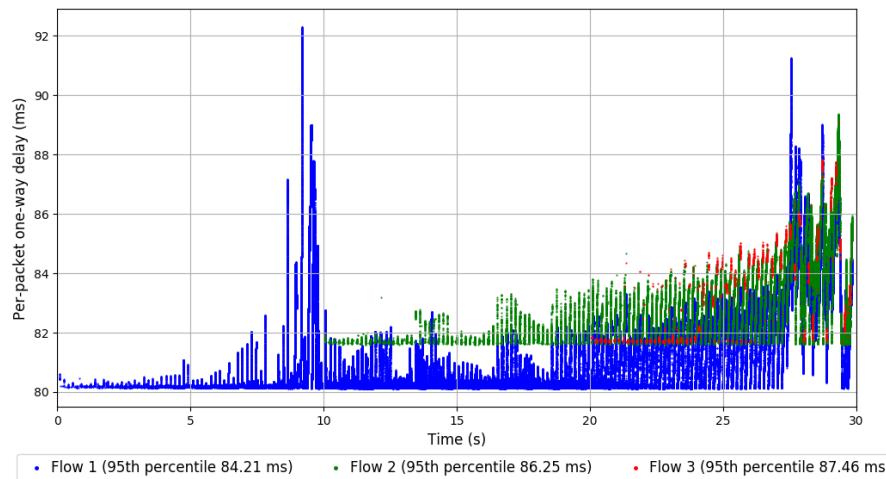
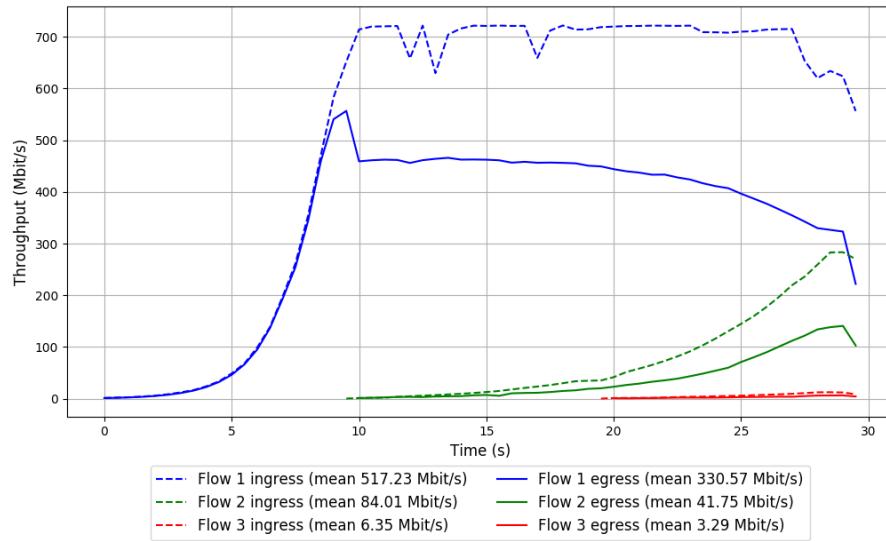


Run 6: Statistics of CalibratedKoho

```
Start at: 2017-09-18 01:16:21
End at: 2017-09-18 01:16:51
Local clock offset: -2.856 ms
Remote clock offset: -1.497 ms

# Below is generated by plot.py at 2017-09-18 07:14:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.40 Mbit/s
95th percentile per-packet one-way delay: 84.814 ms
Loss rate: 37.88%
-- Flow 1:
Average throughput: 330.57 Mbit/s
95th percentile per-packet one-way delay: 84.207 ms
Loss rate: 36.45%
-- Flow 2:
Average throughput: 41.75 Mbit/s
95th percentile per-packet one-way delay: 86.252 ms
Loss rate: 50.73%
-- Flow 3:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 87.464 ms
Loss rate: 49.32%
```

Run 6: Report of CalibratedKoho — Data Link

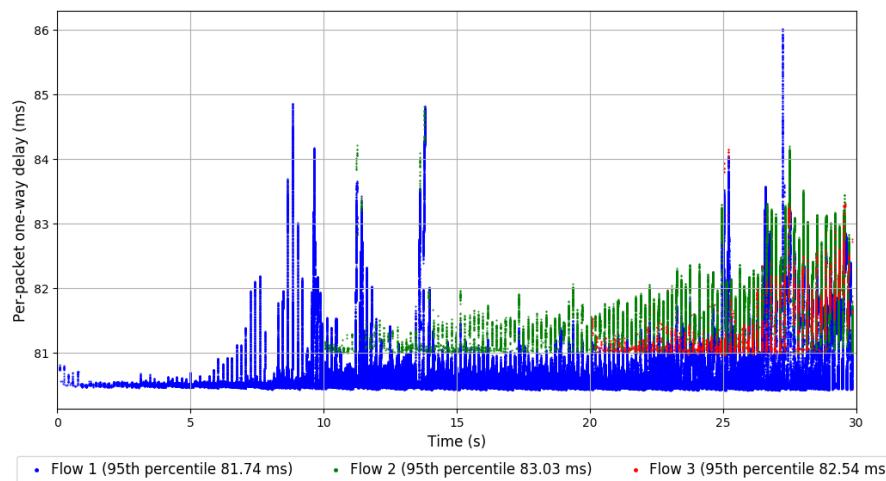
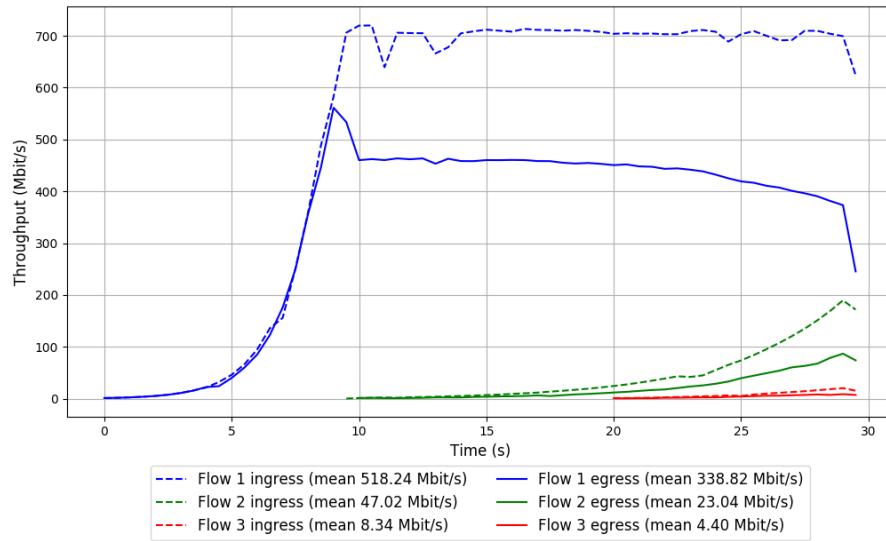


```
Run 7: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 01:37:57
End at: 2017-09-18 01:38:27
Local clock offset: -2.387 ms
Remote clock offset: -0.782 ms

# Below is generated by plot.py at 2017-09-18 07:15:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 355.57 Mbit/s
95th percentile per-packet one-way delay: 82.006 ms
Loss rate: 35.99%
-- Flow 1:
Average throughput: 338.82 Mbit/s
95th percentile per-packet one-way delay: 81.744 ms
Loss rate: 34.99%
-- Flow 2:
Average throughput: 23.04 Mbit/s
95th percentile per-packet one-way delay: 83.034 ms
Loss rate: 51.42%
-- Flow 3:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 82.537 ms
Loss rate: 48.13%
```

Run 7: Report of CalibratedKoho — Data Link

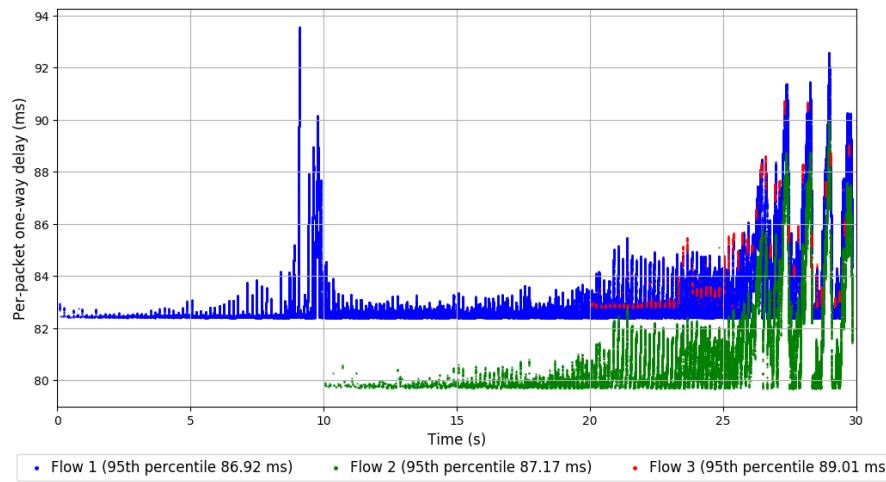
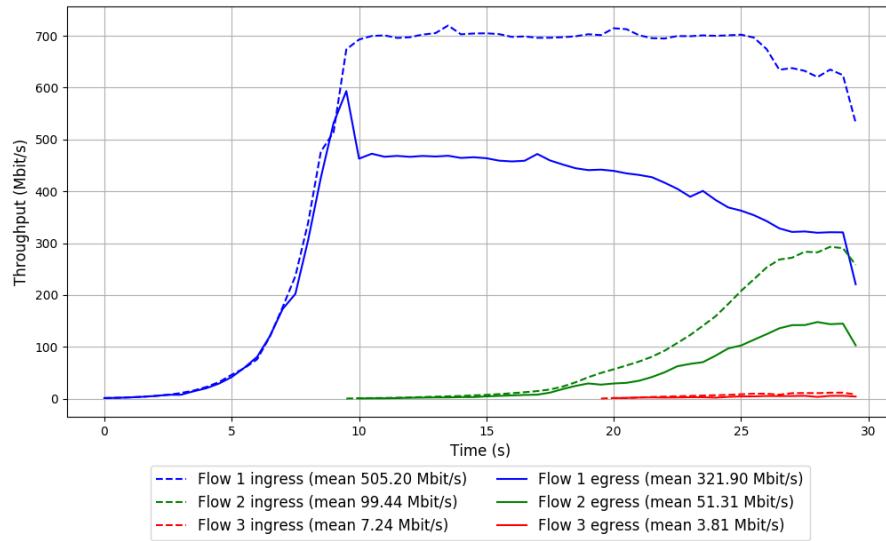


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 01:59:29
End at: 2017-09-18 01:59:59
Local clock offset: -1.843 ms
Remote clock offset: -1.42 ms

# Below is generated by plot.py at 2017-09-18 07:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.26 Mbit/s
95th percentile per-packet one-way delay: 86.992 ms
Loss rate: 38.11%
-- Flow 1:
Average throughput: 321.90 Mbit/s
95th percentile per-packet one-way delay: 86.917 ms
Loss rate: 36.65%
-- Flow 2:
Average throughput: 51.31 Mbit/s
95th percentile per-packet one-way delay: 87.167 ms
Loss rate: 48.83%
-- Flow 3:
Average throughput: 3.81 Mbit/s
95th percentile per-packet one-way delay: 89.013 ms
Loss rate: 48.77%
```

Run 8: Report of CalibratedKoho — Data Link

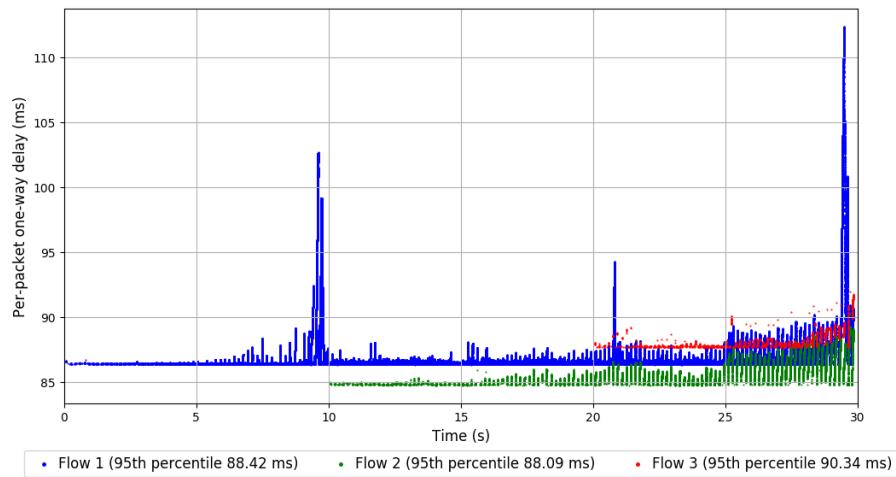
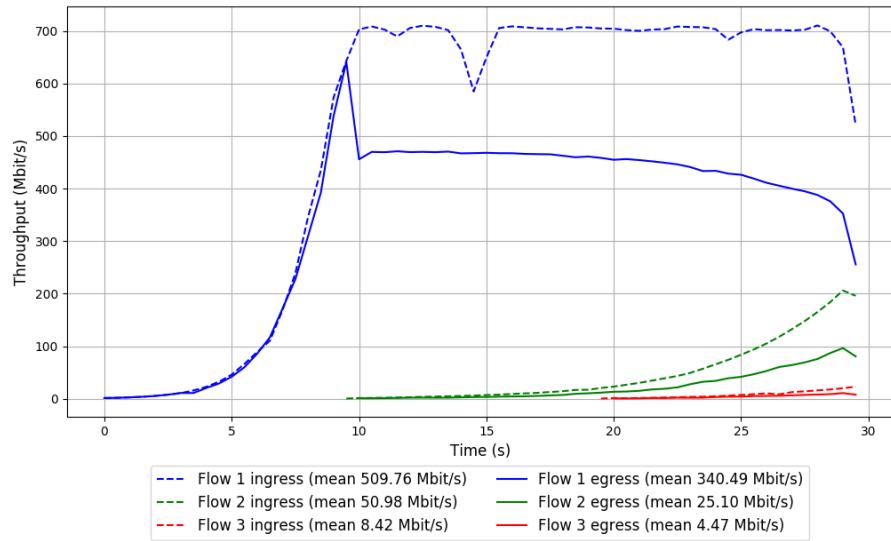


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 02:21:07
End at: 2017-09-18 02:21:37
Local clock offset: -1.72 ms
Remote clock offset: -6.314 ms

# Below is generated by plot.py at 2017-09-18 07:19:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 358.65 Mbit/s
95th percentile per-packet one-way delay: 88.421 ms
Loss rate: 34.75%
-- Flow 1:
Average throughput: 340.49 Mbit/s
95th percentile per-packet one-way delay: 88.422 ms
Loss rate: 33.59%
-- Flow 2:
Average throughput: 25.10 Mbit/s
95th percentile per-packet one-way delay: 88.094 ms
Loss rate: 51.18%
-- Flow 3:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 90.339 ms
Loss rate: 47.80%
```

Run 9: Report of CalibratedKoho — Data Link

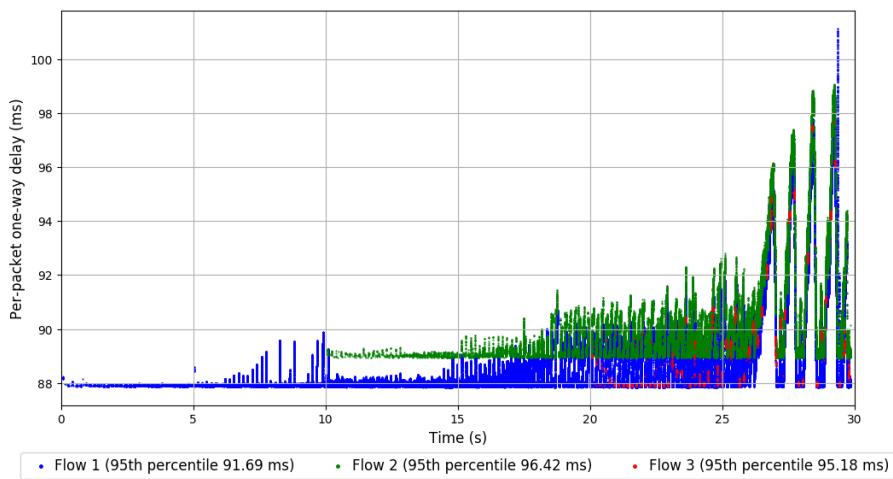
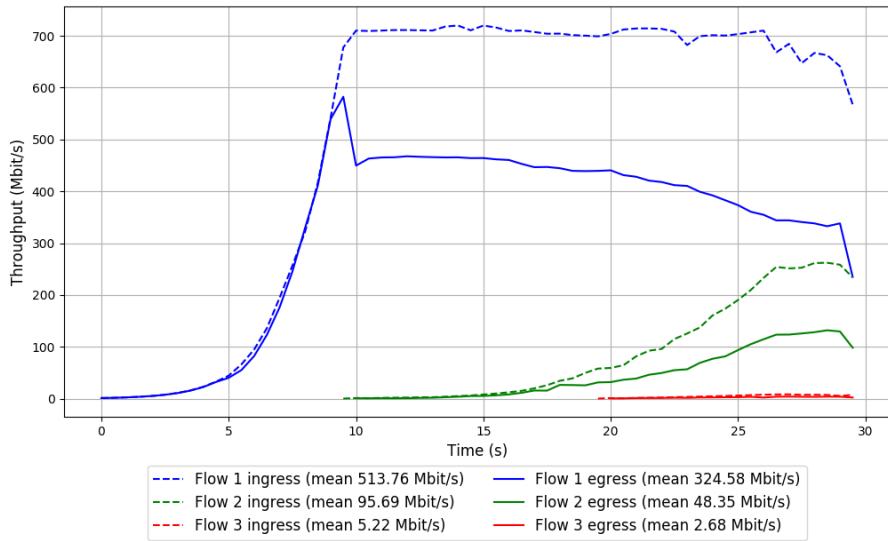


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 02:42:46
End at: 2017-09-18 02:43:16
Local clock offset: -1.742 ms
Remote clock offset: -7.528 ms

# Below is generated by plot.py at 2017-09-18 07:19:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.59 Mbit/s
95th percentile per-packet one-way delay: 92.677 ms
Loss rate: 38.62%
-- Flow 1:
Average throughput: 324.58 Mbit/s
95th percentile per-packet one-way delay: 91.688 ms
Loss rate: 37.18%
-- Flow 2:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 96.416 ms
Loss rate: 49.90%
-- Flow 3:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 95.180 ms
Loss rate: 49.17%
```

Run 10: Report of CalibratedKoho — Data Link

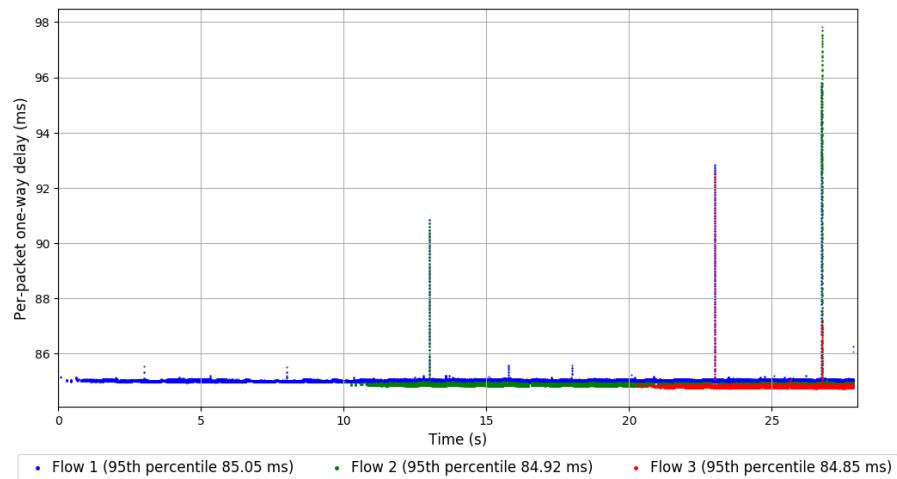
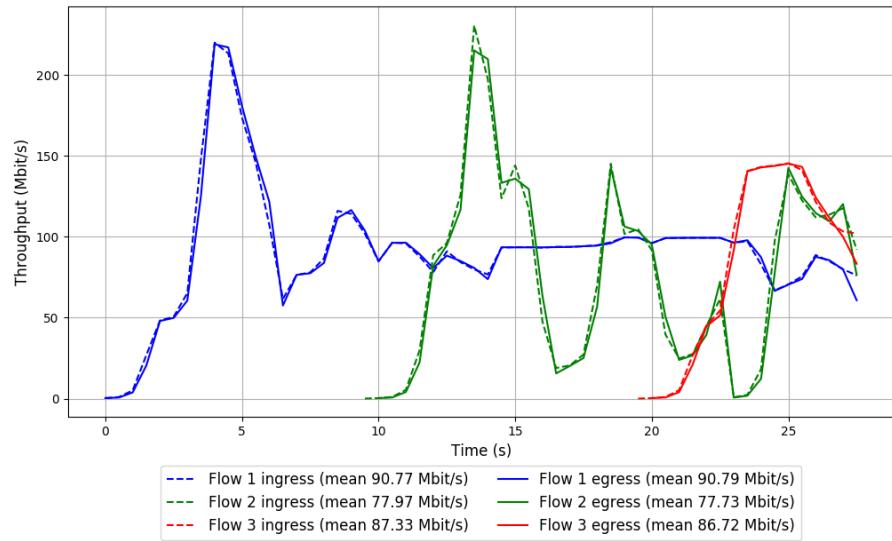


Run 1: Statistics of Copa

```
Start at: 2017-09-17 23:35:08
End at: 2017-09-17 23:35:38
Local clock offset: -5.035 ms
Remote clock offset: -7.052 ms

# Below is generated by plot.py at 2017-09-18 07:19:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 164.87 Mbit/s
95th percentile per-packet one-way delay: 85.042 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 85.050 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 77.73 Mbit/s
95th percentile per-packet one-way delay: 84.917 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 84.851 ms
Loss rate: 2.80%
```

Run 1: Report of Copa — Data Link

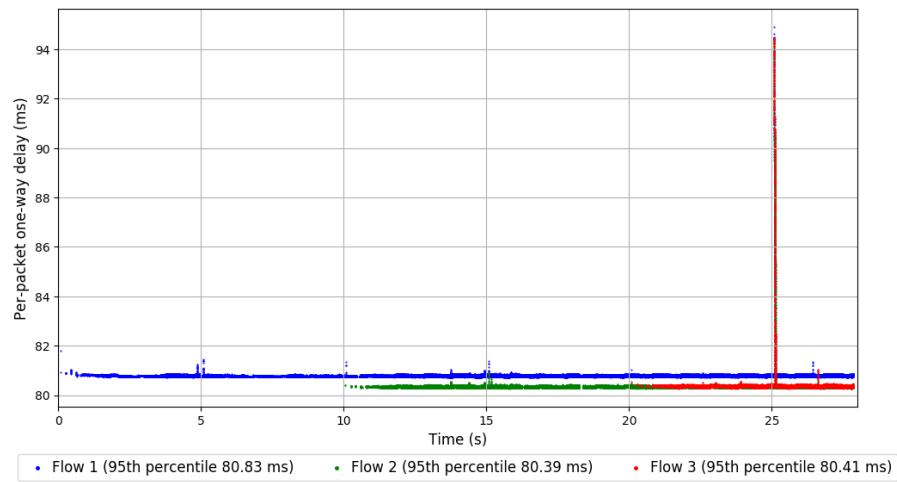
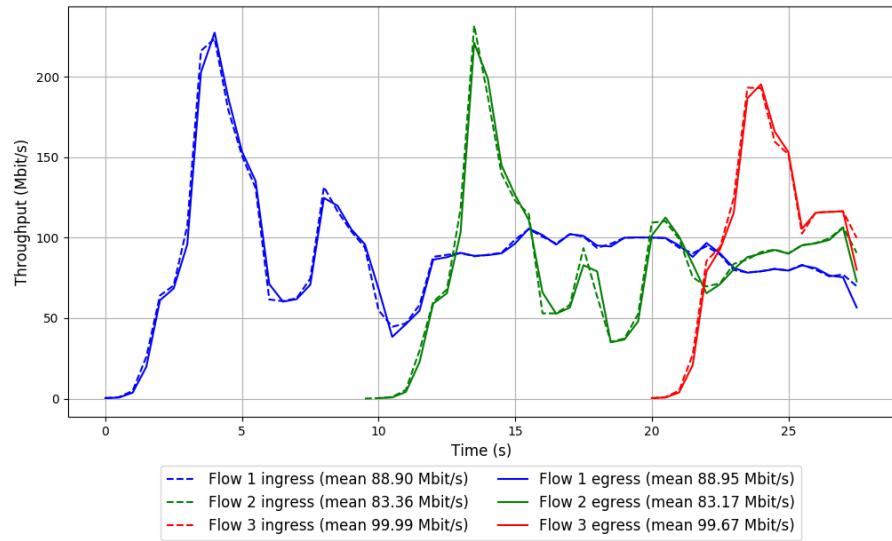


Run 2: Statistics of Copa

```
Start at: 2017-09-17 23:56:28
End at: 2017-09-17 23:56:58
Local clock offset: -2.765 ms
Remote clock offset: -2.144 ms

# Below is generated by plot.py at 2017-09-18 07:19:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 170.11 Mbit/s
95th percentile per-packet one-way delay: 80.820 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 88.95 Mbit/s
95th percentile per-packet one-way delay: 80.828 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 80.388 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 99.67 Mbit/s
95th percentile per-packet one-way delay: 80.406 ms
Loss rate: 2.43%
```

Run 2: Report of Copa — Data Link

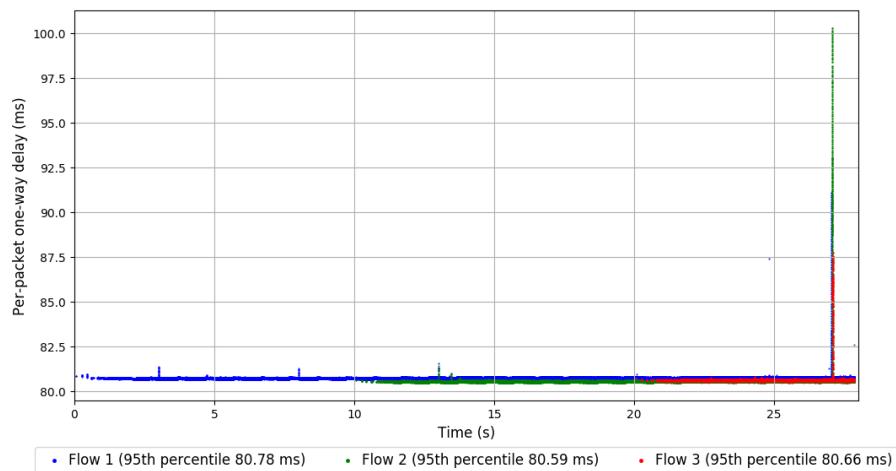
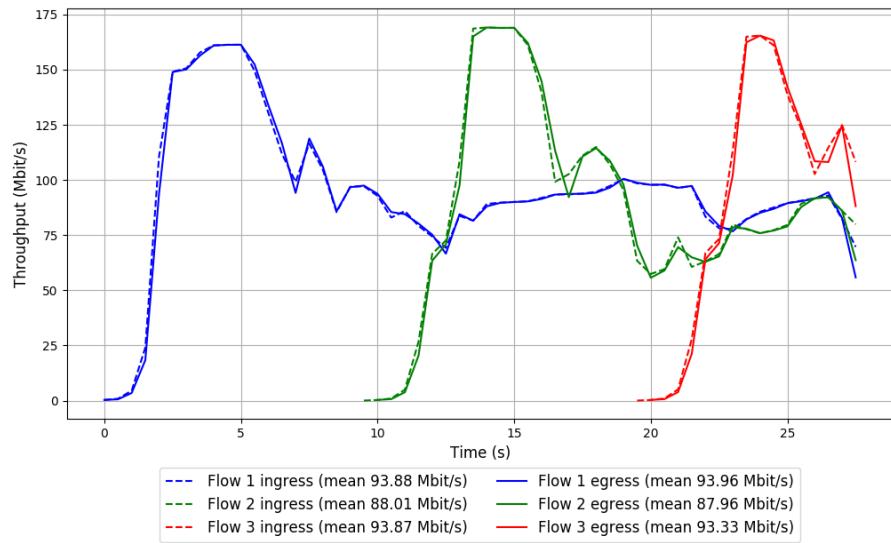


Run 3: Statistics of Copa

```
Start at: 2017-09-18 00:18:04
End at: 2017-09-18 00:18:34
Local clock offset: -3.071 ms
Remote clock offset: -1.698 ms

# Below is generated by plot.py at 2017-09-18 07:19:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 176.45 Mbit/s
95th percentile per-packet one-way delay: 80.773 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 80.781 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 80.594 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 93.33 Mbit/s
95th percentile per-packet one-way delay: 80.655 ms
Loss rate: 2.68%
```

Run 3: Report of Copa — Data Link

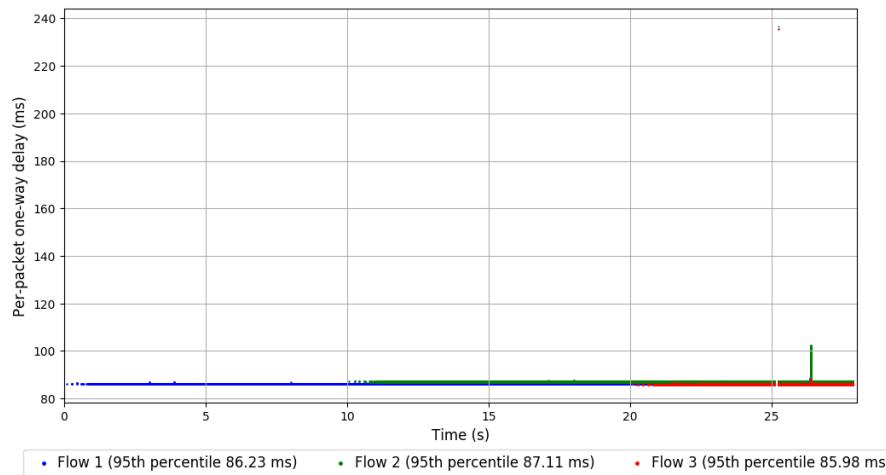
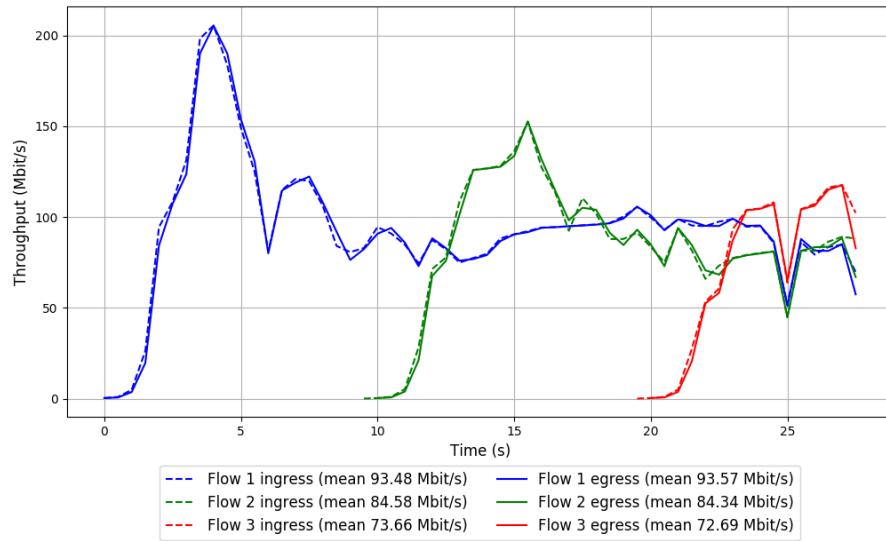


Run 4: Statistics of Copa

```
Start at: 2017-09-18 00:39:22
End at: 2017-09-18 00:39:52
Local clock offset: -3.086 ms
Remote clock offset: -6.625 ms

# Below is generated by plot.py at 2017-09-18 07:19:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 167.95 Mbit/s
95th percentile per-packet one-way delay: 87.099 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 93.57 Mbit/s
95th percentile per-packet one-way delay: 86.231 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 87.114 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 72.69 Mbit/s
95th percentile per-packet one-way delay: 85.981 ms
Loss rate: 3.39%
```

Run 4: Report of Copa — Data Link

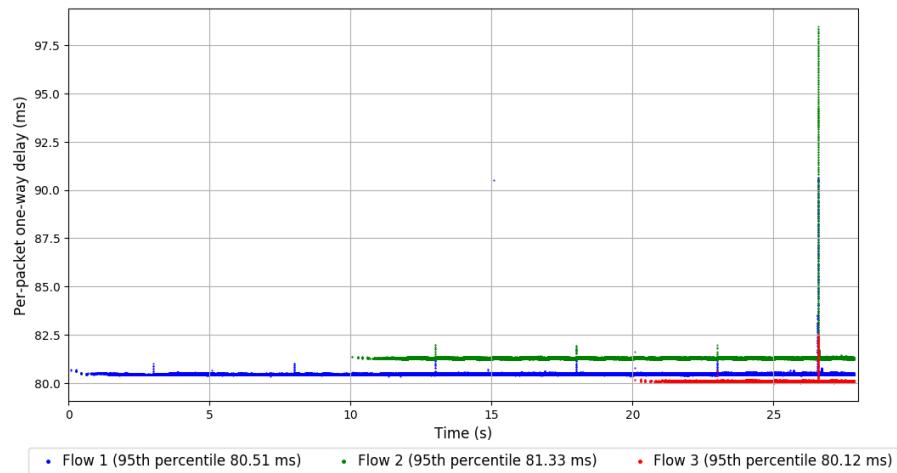
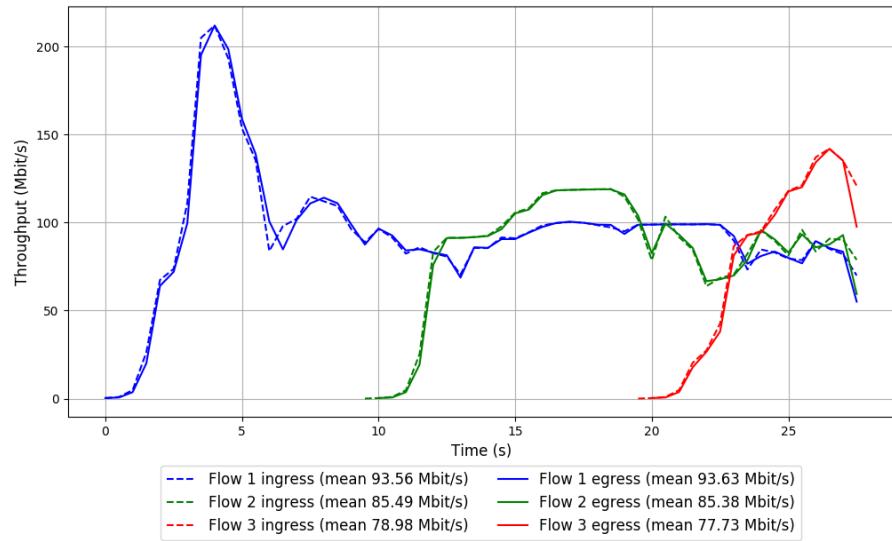


Run 5: Statistics of Copa

```
Start at: 2017-09-18 01:00:49
End at: 2017-09-18 01:01:19
Local clock offset: -2.864 ms
Remote clock offset: -1.092 ms

# Below is generated by plot.py at 2017-09-18 07:19:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 170.06 Mbit/s
95th percentile per-packet one-way delay: 81.319 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 80.510 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 85.38 Mbit/s
95th percentile per-packet one-way delay: 81.333 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 77.73 Mbit/s
95th percentile per-packet one-way delay: 80.125 ms
Loss rate: 3.69%
```

Run 5: Report of Copa — Data Link

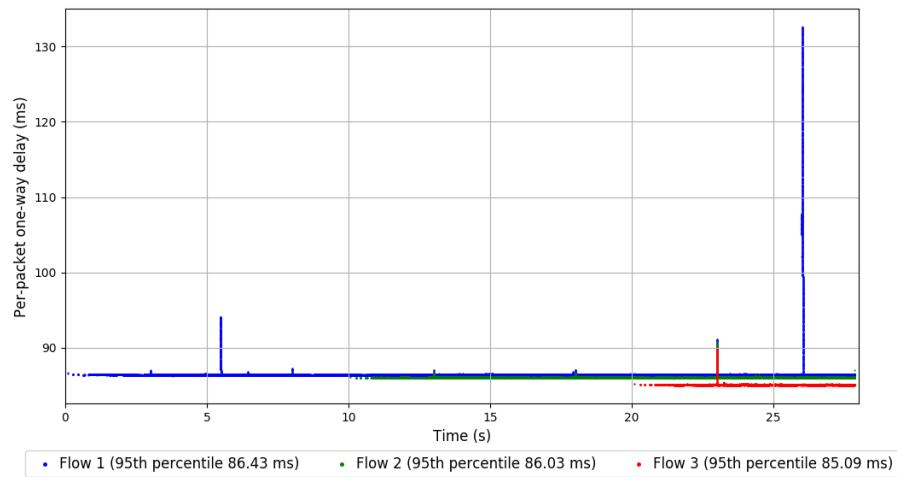
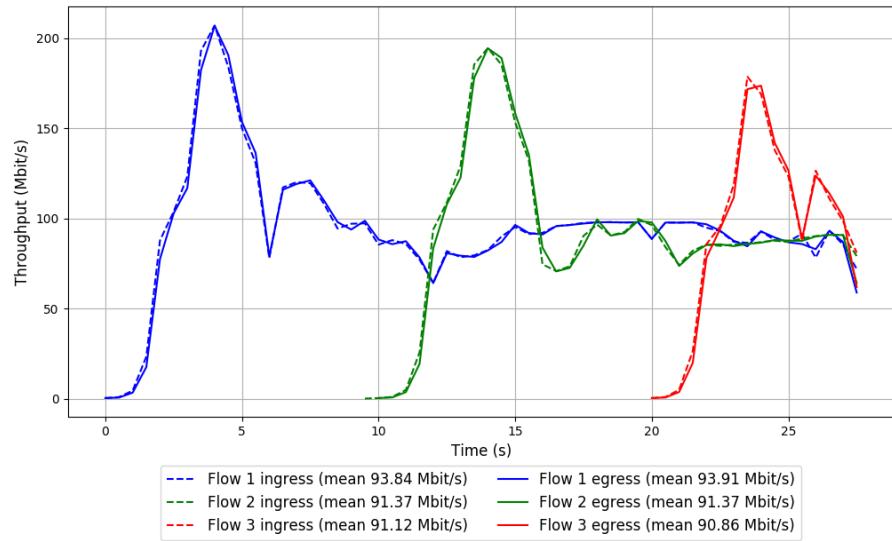


Run 6: Statistics of Copa

```
Start at: 2017-09-18 01:22:29
End at: 2017-09-18 01:22:59
Local clock offset: -3.021 ms
Remote clock offset: -6.176 ms

# Below is generated by plot.py at 2017-09-18 07:20:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 177.85 Mbit/s
95th percentile per-packet one-way delay: 86.421 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 93.91 Mbit/s
95th percentile per-packet one-way delay: 86.429 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 91.37 Mbit/s
95th percentile per-packet one-way delay: 86.030 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 85.090 ms
Loss rate: 2.39%
```

Run 6: Report of Copa — Data Link

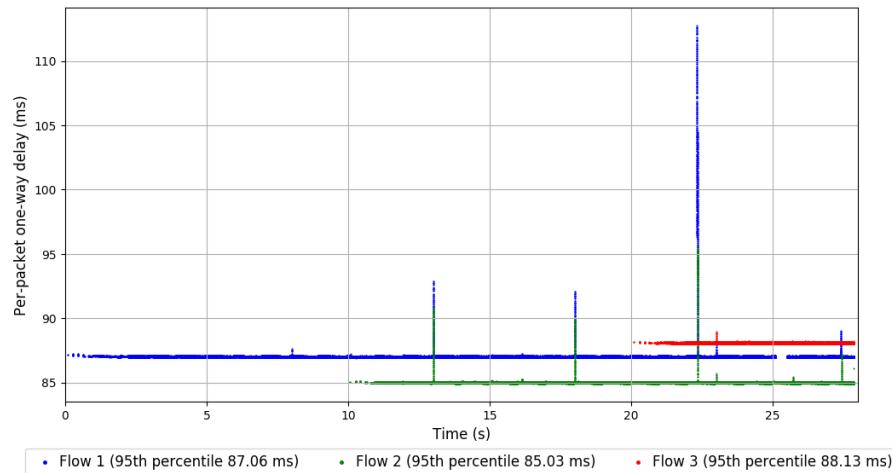
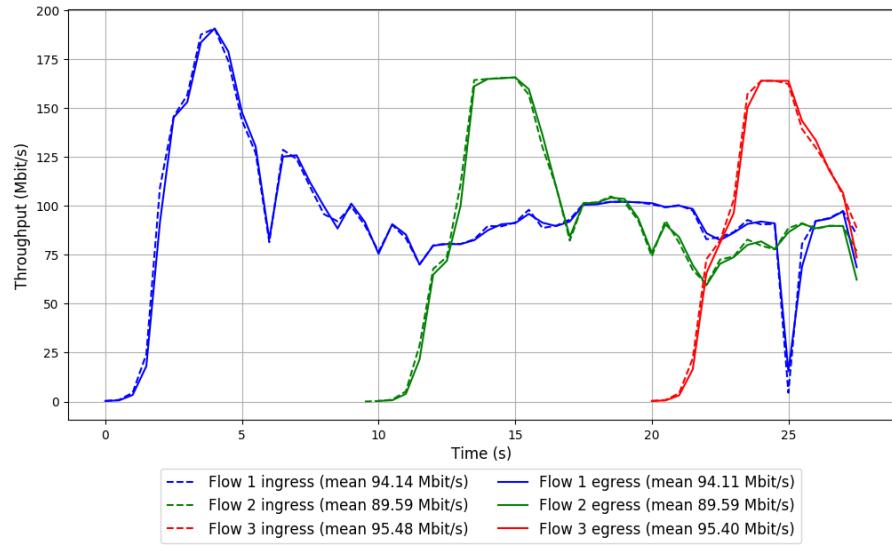


Run 7: Statistics of Copa

```
Start at: 2017-09-18 01:44:15
End at: 2017-09-18 01:44:45
Local clock offset: -2.145 ms
Remote clock offset: -6.513 ms

# Below is generated by plot.py at 2017-09-18 07:22:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 178.16 Mbit/s
95th percentile per-packet one-way delay: 88.098 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 94.11 Mbit/s
95th percentile per-packet one-way delay: 87.056 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 85.031 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 95.40 Mbit/s
95th percentile per-packet one-way delay: 88.129 ms
Loss rate: 2.24%
```

Run 7: Report of Copa — Data Link

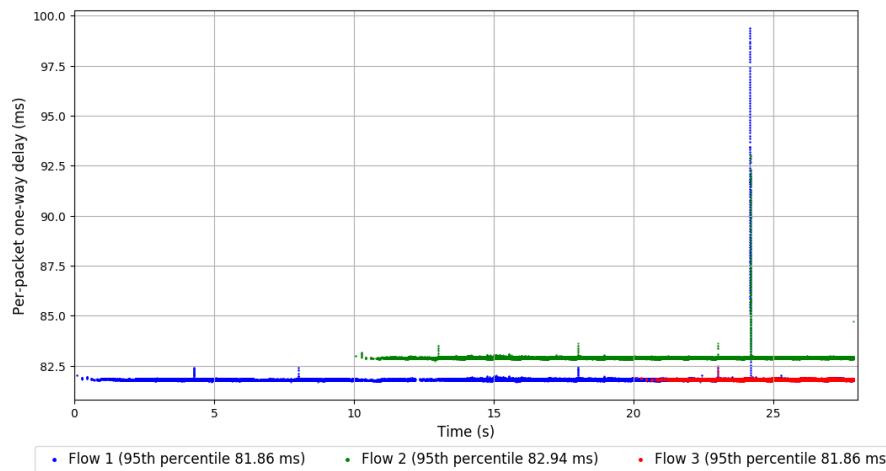
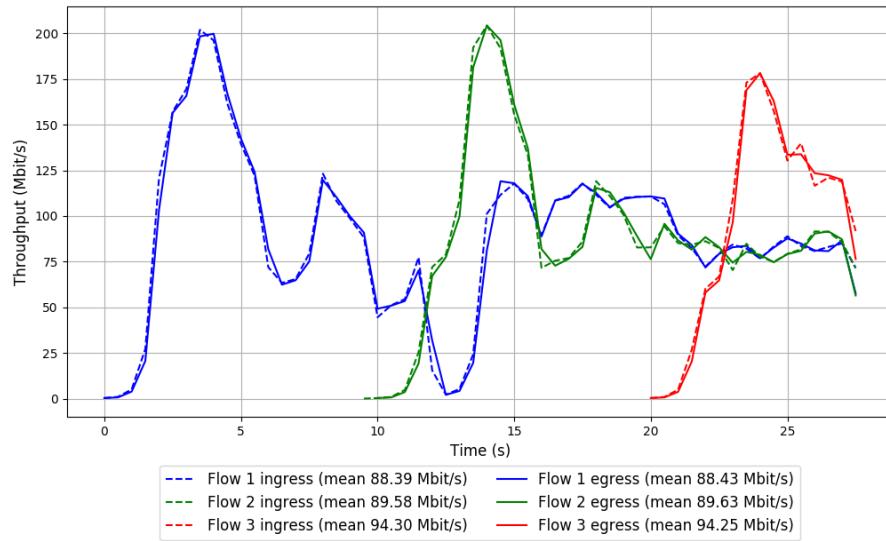


Run 8: Statistics of Copa

```
Start at: 2017-09-18 02:05:52
End at: 2017-09-18 02:06:22
Local clock offset: -1.796 ms
Remote clock offset: -3.332 ms

# Below is generated by plot.py at 2017-09-18 07:22:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 172.18 Mbit/s
95th percentile per-packet one-way delay: 82.931 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 88.43 Mbit/s
95th percentile per-packet one-way delay: 81.855 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 89.63 Mbit/s
95th percentile per-packet one-way delay: 82.944 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 94.25 Mbit/s
95th percentile per-packet one-way delay: 81.857 ms
Loss rate: 2.18%
```

Run 8: Report of Copa — Data Link

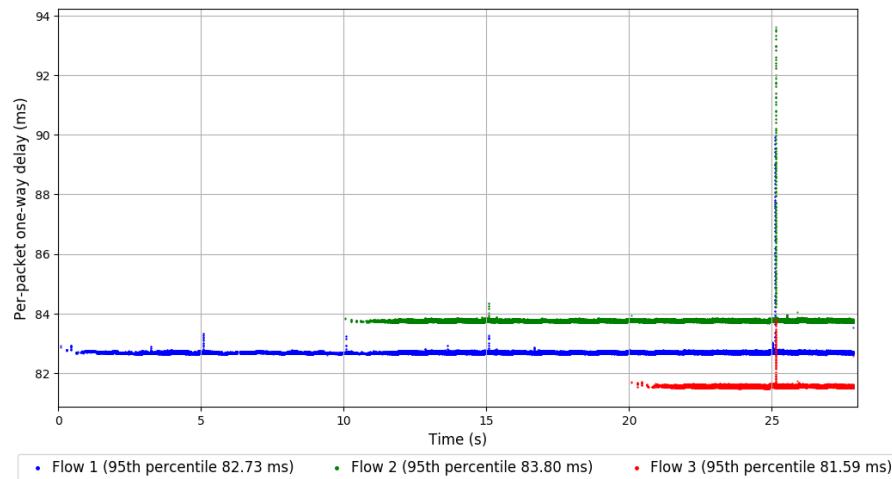
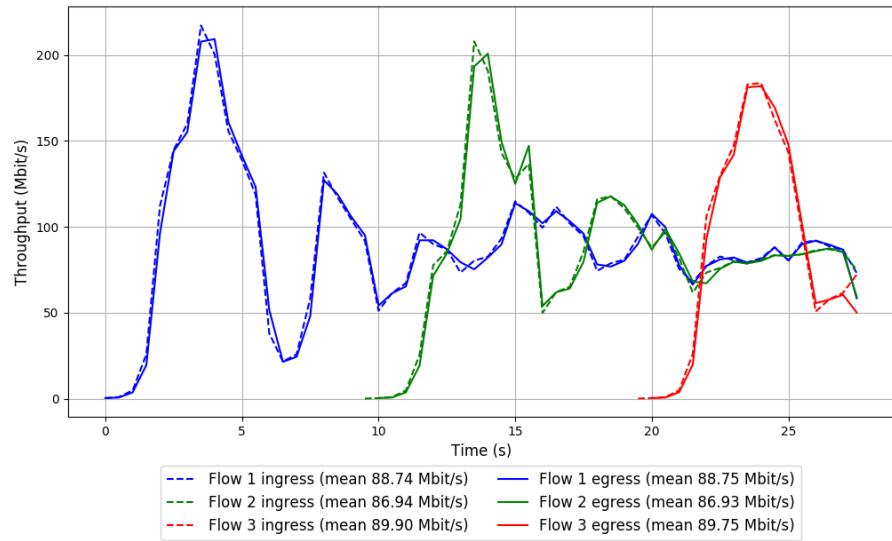


Run 9: Statistics of Copa

```
Start at: 2017-09-18 02:27:35
End at: 2017-09-18 02:28:05
Local clock offset: -1.703 ms
Remote clock offset: -2.373 ms

# Below is generated by plot.py at 2017-09-18 07:22:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 169.54 Mbit/s
95th percentile per-packet one-way delay: 83.783 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 82.726 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 83.798 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 81.594 ms
Loss rate: 2.29%
```

Run 9: Report of Copa — Data Link

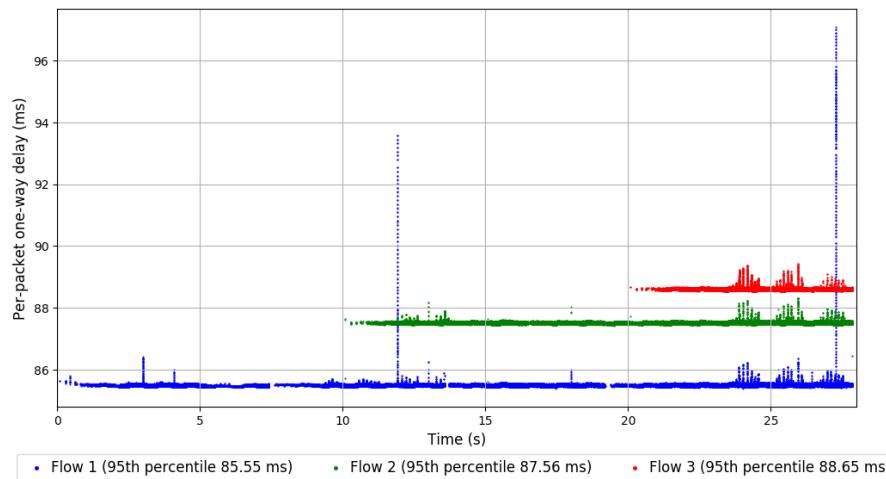
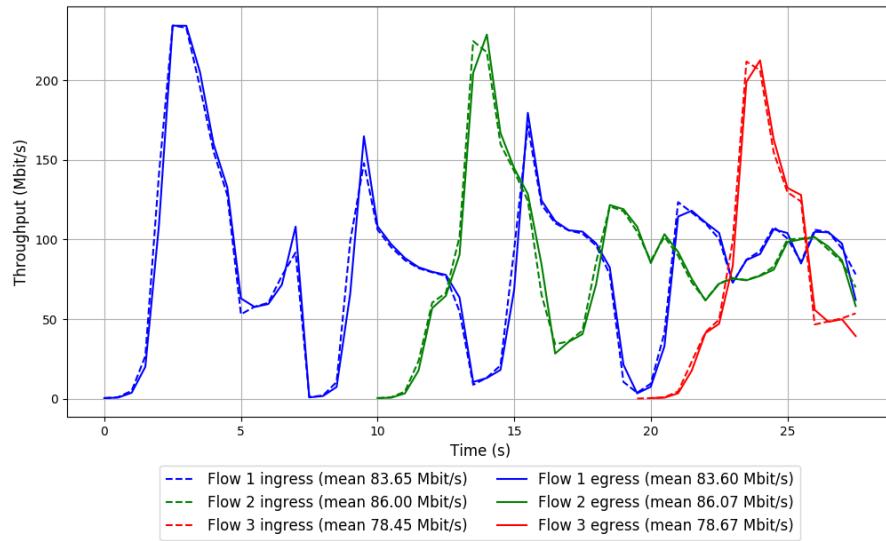


Run 10: Statistics of Copa

```
Start at: 2017-09-18 02:49:22
End at: 2017-09-18 02:49:52
Local clock offset: -1.66 ms
Remote clock offset: -7.163 ms

# Below is generated by plot.py at 2017-09-18 07:22:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 160.63 Mbit/s
95th percentile per-packet one-way delay: 88.618 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 83.60 Mbit/s
95th percentile per-packet one-way delay: 85.546 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 87.561 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 78.67 Mbit/s
95th percentile per-packet one-way delay: 88.651 ms
Loss rate: 1.90%
```

Run 10: Report of Copa — Data Link

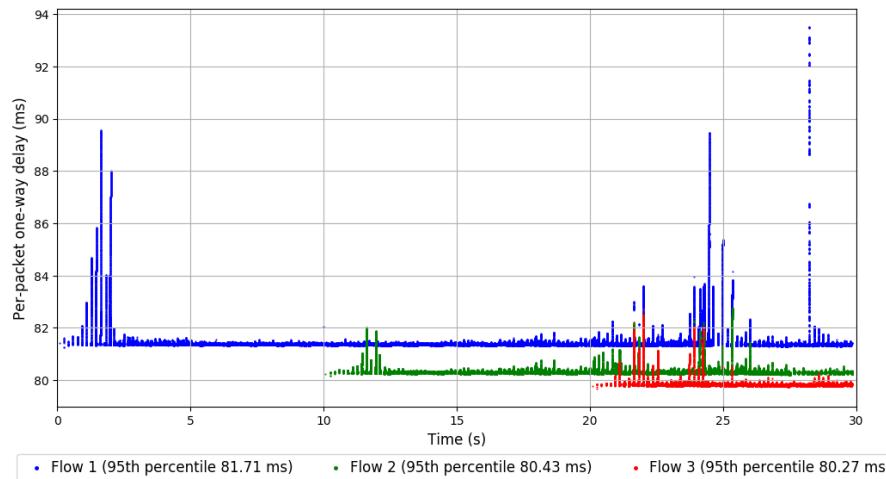
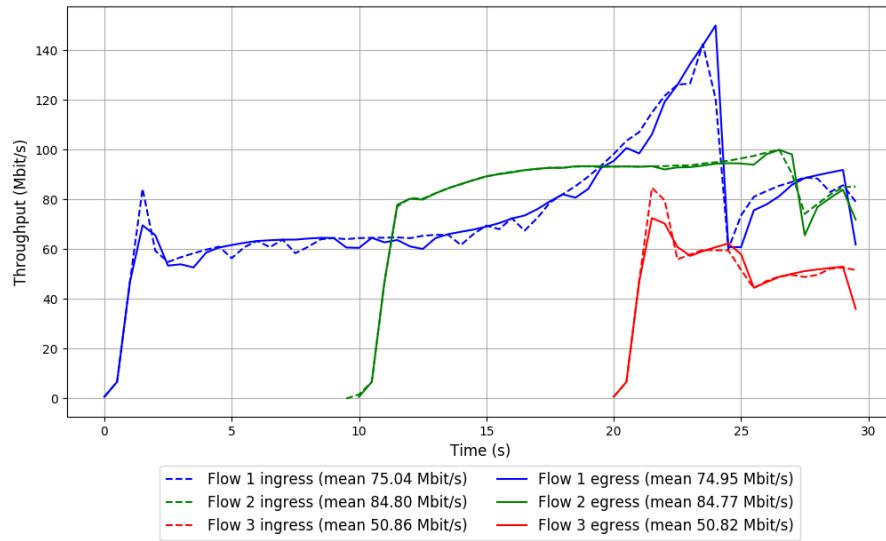


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-09-17 23:48:55
End at: 2017-09-17 23:49:25
Local clock offset: -3.188 ms
Remote clock offset: -1.531 ms

# Below is generated by plot.py at 2017-09-18 07:22:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 147.87 Mbit/s
95th percentile per-packet one-way delay: 81.464 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 74.95 Mbit/s
95th percentile per-packet one-way delay: 81.706 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 80.434 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: 80.273 ms
Loss rate: 1.77%
```

Run 1: Report of TCP Cubic — Data Link

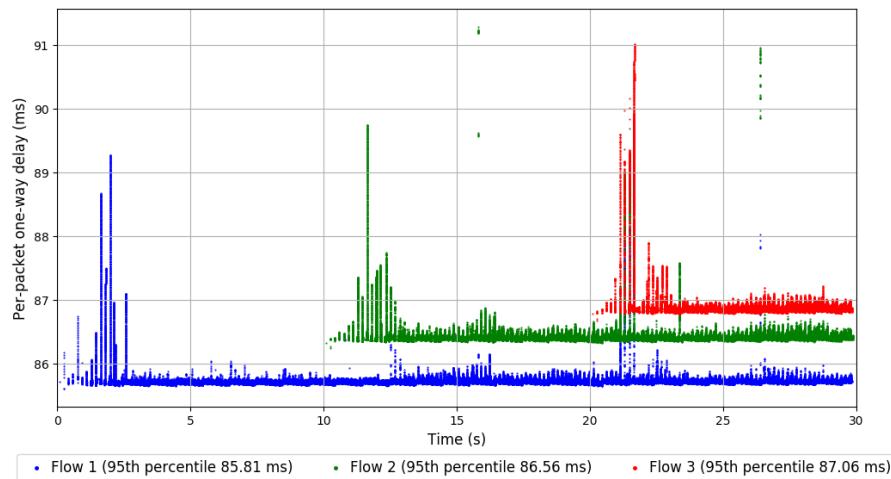
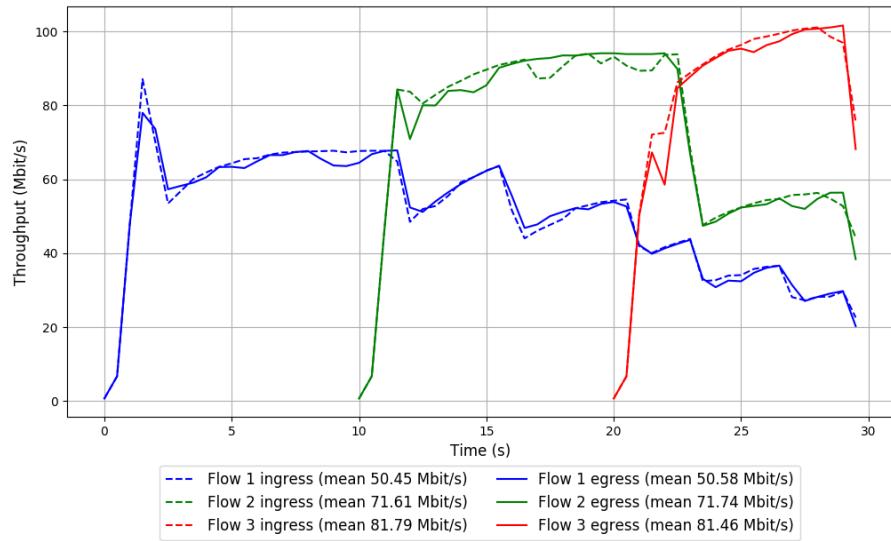


Run 2: Statistics of TCP Cubic

```
Start at: 2017-09-18 00:10:19
End at: 2017-09-18 00:10:49
Local clock offset: -2.762 ms
Remote clock offset: -6.749 ms

# Below is generated by plot.py at 2017-09-18 07:22:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.87 Mbit/s
95th percentile per-packet one-way delay: 86.901 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 50.58 Mbit/s
95th percentile per-packet one-way delay: 85.806 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 71.74 Mbit/s
95th percentile per-packet one-way delay: 86.561 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 81.46 Mbit/s
95th percentile per-packet one-way delay: 87.063 ms
Loss rate: 2.08%
```

Run 2: Report of TCP Cubic — Data Link

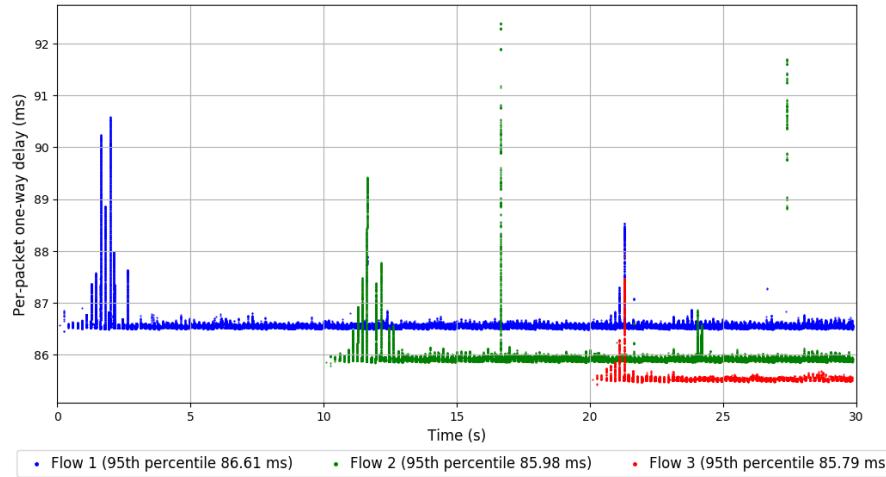
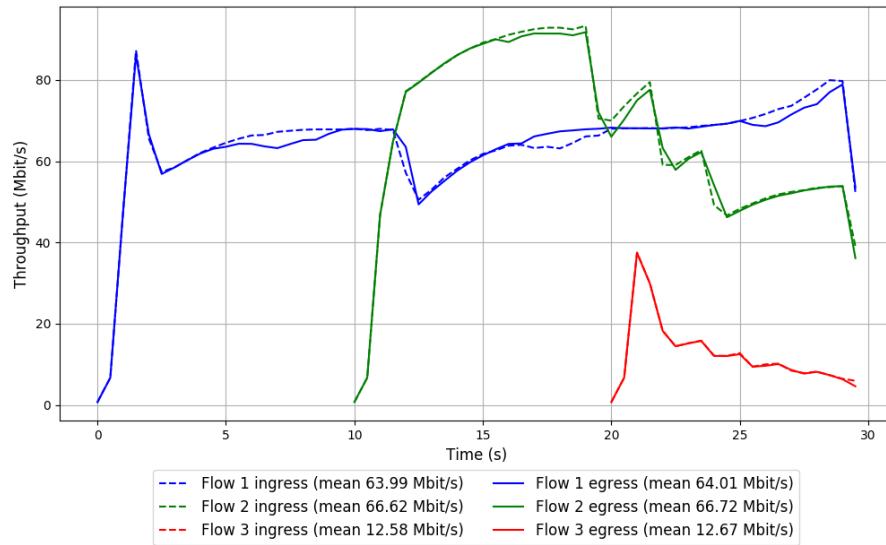


Run 3: Statistics of TCP Cubic

```
Start at: 2017-09-18 00:31:52
End at: 2017-09-18 00:32:22
Local clock offset: -3.091 ms
Remote clock offset: -6.431 ms

# Below is generated by plot.py at 2017-09-18 07:22:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 112.45 Mbit/s
95th percentile per-packet one-way delay: 86.596 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 64.01 Mbit/s
95th percentile per-packet one-way delay: 86.606 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 66.72 Mbit/s
95th percentile per-packet one-way delay: 85.985 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 12.67 Mbit/s
95th percentile per-packet one-way delay: 85.792 ms
Loss rate: 0.98%
```

Run 3: Report of TCP Cubic — Data Link

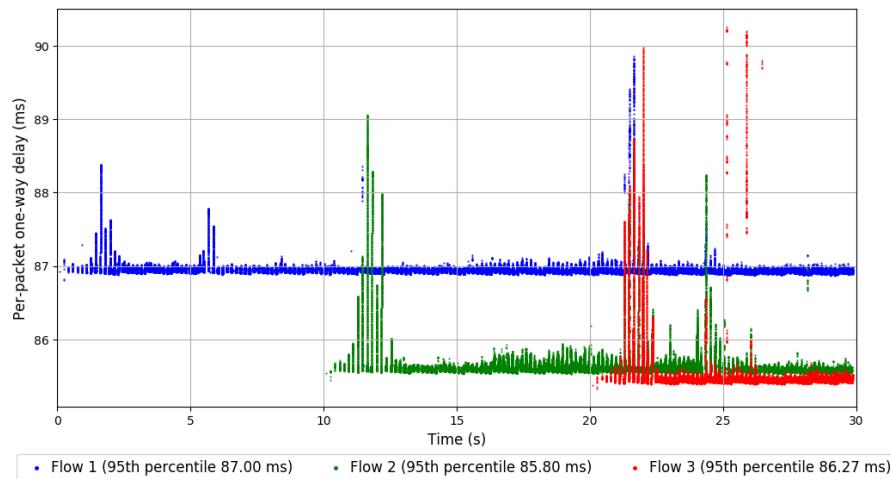
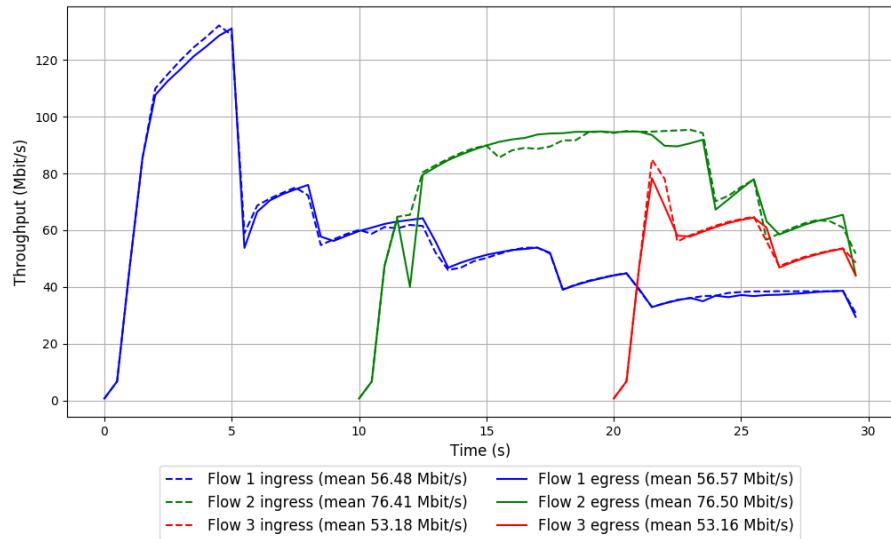


Run 4: Statistics of TCP Cubic

```
Start at: 2017-09-18 00:53:12
End at: 2017-09-18 00:53:42
Local clock offset: -3.02 ms
Remote clock offset: -6.376 ms

# Below is generated by plot.py at 2017-09-18 07:22:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.76 Mbit/s
95th percentile per-packet one-way delay: 86.983 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 86.995 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 76.50 Mbit/s
95th percentile per-packet one-way delay: 85.802 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 53.16 Mbit/s
95th percentile per-packet one-way delay: 86.270 ms
Loss rate: 1.72%
```

Run 4: Report of TCP Cubic — Data Link

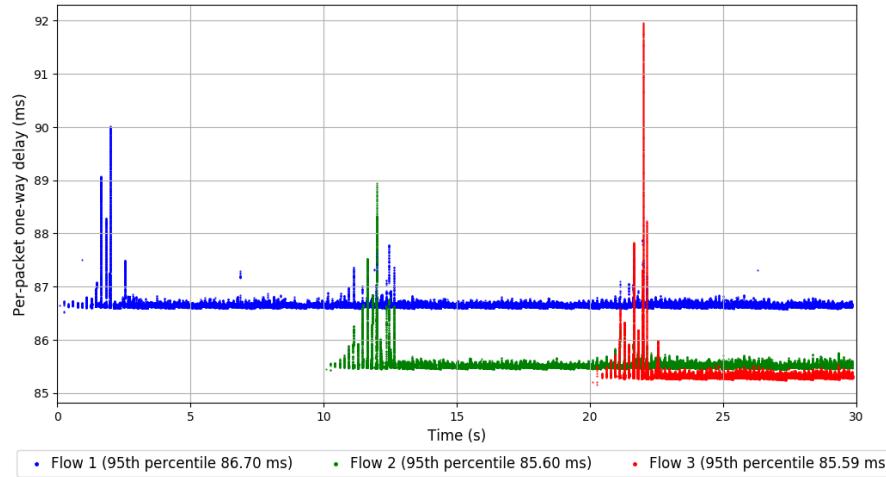
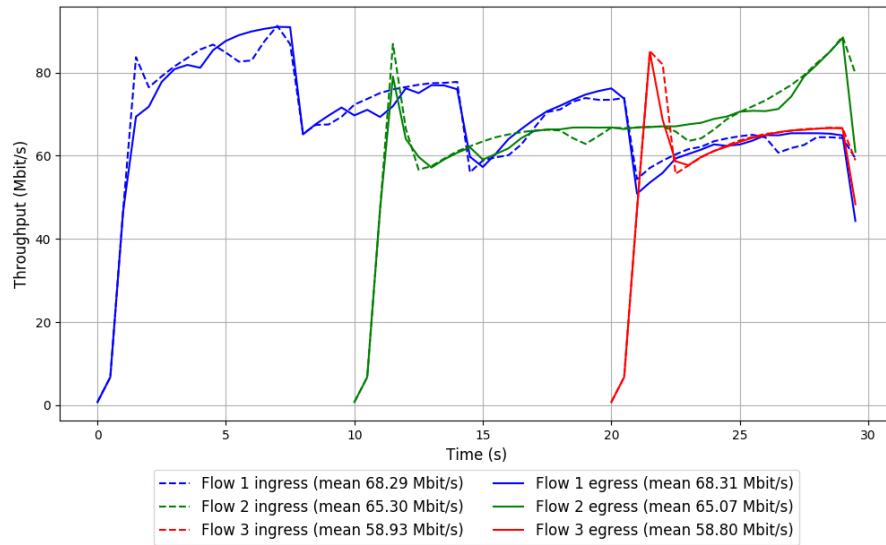


Run 5: Statistics of TCP Cubic

```
Start at: 2017-09-18 01:14:59
End at: 2017-09-18 01:15:29
Local clock offset: -2.885 ms
Remote clock offset: -6.466 ms

# Below is generated by plot.py at 2017-09-18 07:23:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 130.70 Mbit/s
95th percentile per-packet one-way delay: 86.685 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 68.31 Mbit/s
95th percentile per-packet one-way delay: 86.698 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 65.07 Mbit/s
95th percentile per-packet one-way delay: 85.602 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 85.589 ms
Loss rate: 1.90%
```

Run 5: Report of TCP Cubic — Data Link

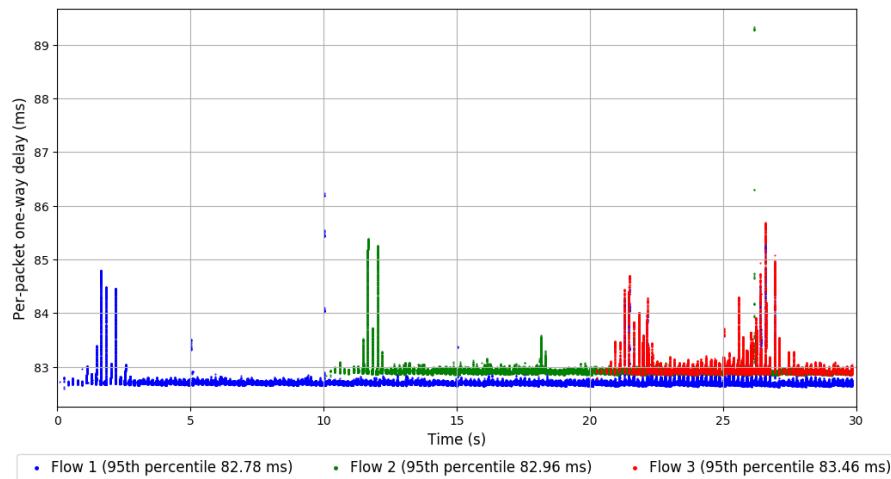
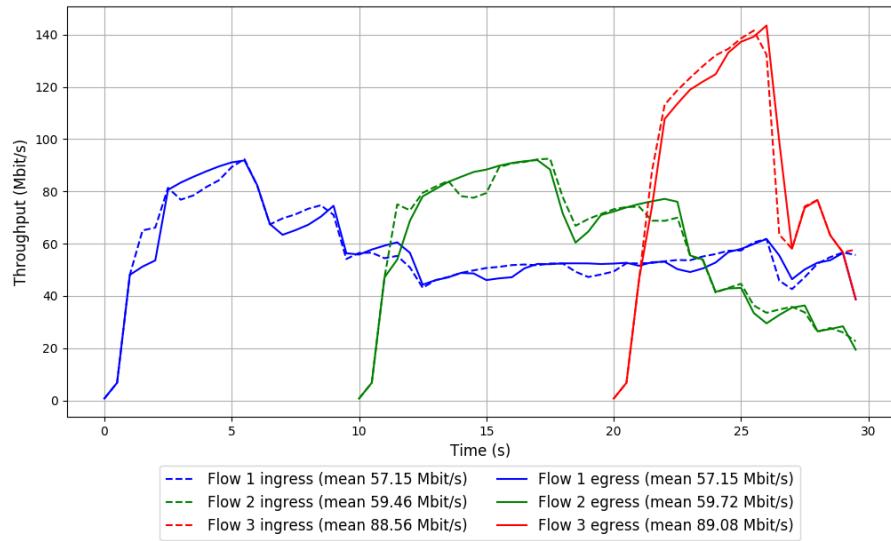


Run 6: Statistics of TCP Cubic

```
Start at: 2017-09-18 01:36:31
End at: 2017-09-18 01:37:01
Local clock offset: -2.438 ms
Remote clock offset: -2.222 ms

# Below is generated by plot.py at 2017-09-18 07:23:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 125.92 Mbit/s
95th percentile per-packet one-way delay: 83.018 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 57.15 Mbit/s
95th percentile per-packet one-way delay: 82.777 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 59.72 Mbit/s
95th percentile per-packet one-way delay: 82.963 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 83.456 ms
Loss rate: 1.14%
```

Run 6: Report of TCP Cubic — Data Link

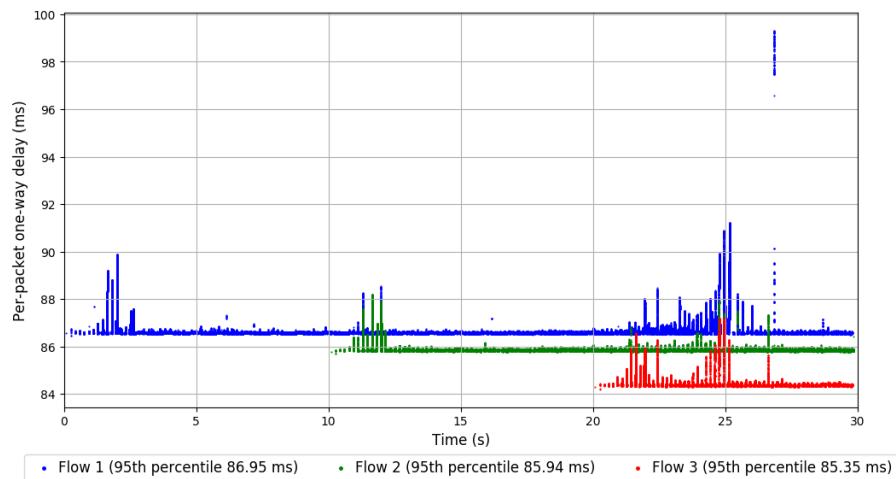
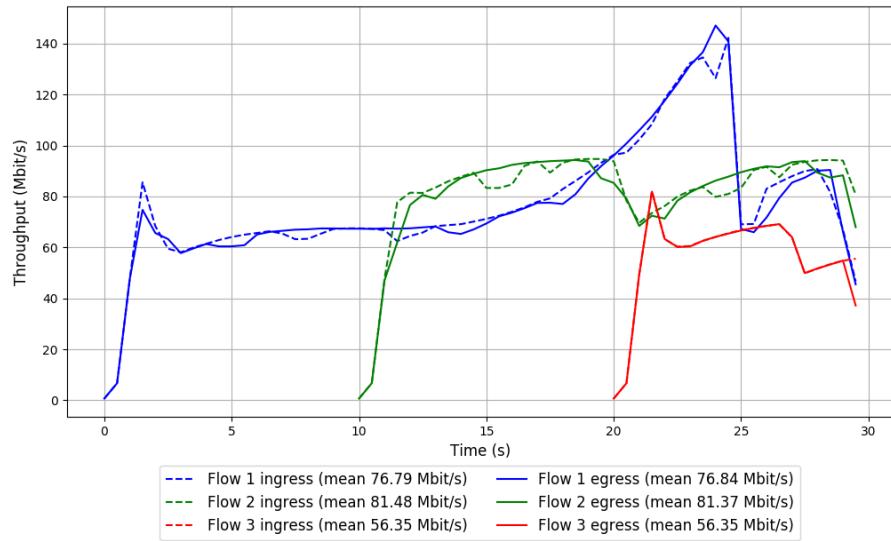


Run 7: Statistics of TCP Cubic

```
Start at: 2017-09-18 01:58:06
End at: 2017-09-18 01:58:36
Local clock offset: -1.892 ms
Remote clock offset: -6.236 ms

# Below is generated by plot.py at 2017-09-18 07:23:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 149.19 Mbit/s
95th percentile per-packet one-way delay: 86.703 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 76.84 Mbit/s
95th percentile per-packet one-way delay: 86.949 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 81.37 Mbit/s
95th percentile per-packet one-way delay: 85.943 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 85.351 ms
Loss rate: 1.68%
```

Run 7: Report of TCP Cubic — Data Link

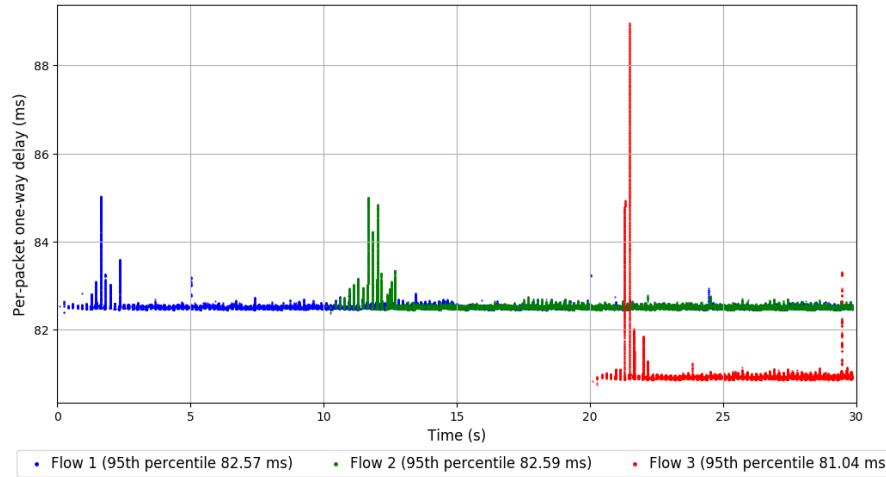
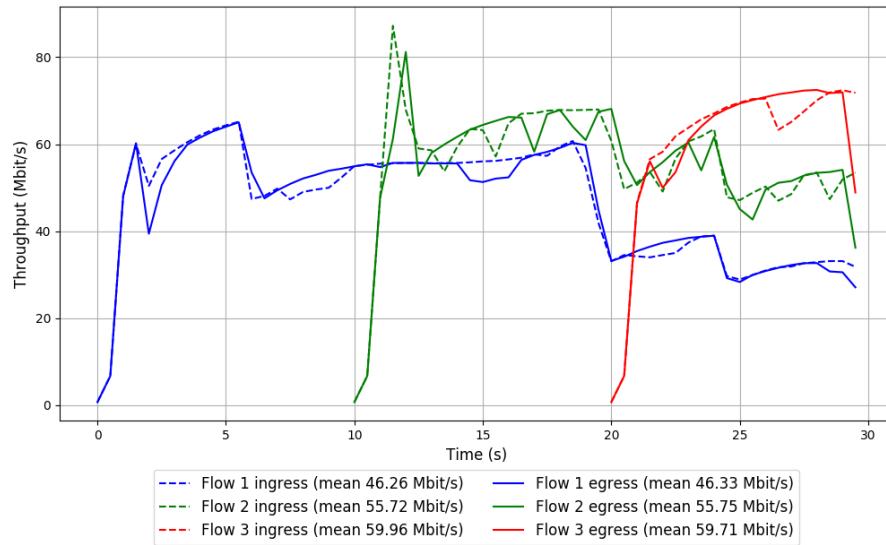


Run 8: Statistics of TCP Cubic

```
Start at: 2017-09-18 02:19:45
End at: 2017-09-18 02:20:15
Local clock offset: -1.706 ms
Remote clock offset: -2.364 ms

# Below is generated by plot.py at 2017-09-18 07:23:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 102.84 Mbit/s
95th percentile per-packet one-way delay: 82.567 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 46.33 Mbit/s
95th percentile per-packet one-way delay: 82.566 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 55.75 Mbit/s
95th percentile per-packet one-way delay: 82.590 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 59.71 Mbit/s
95th percentile per-packet one-way delay: 81.043 ms
Loss rate: 2.03%
```

Run 8: Report of TCP Cubic — Data Link

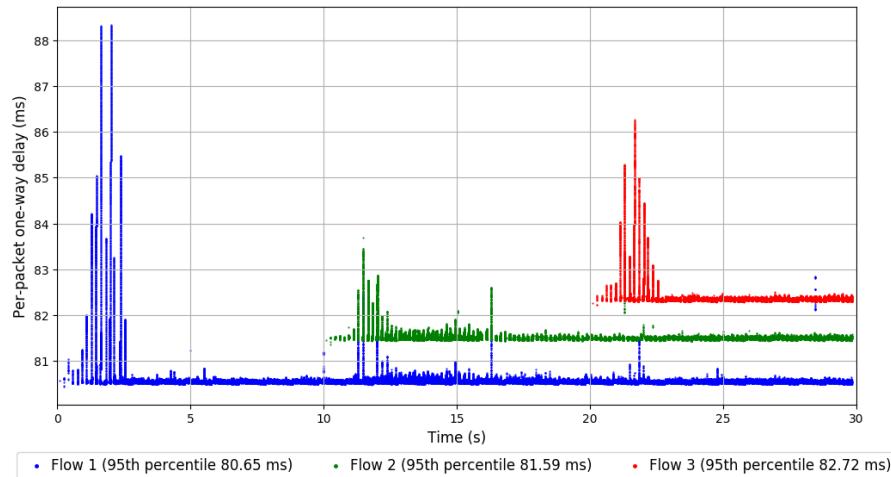
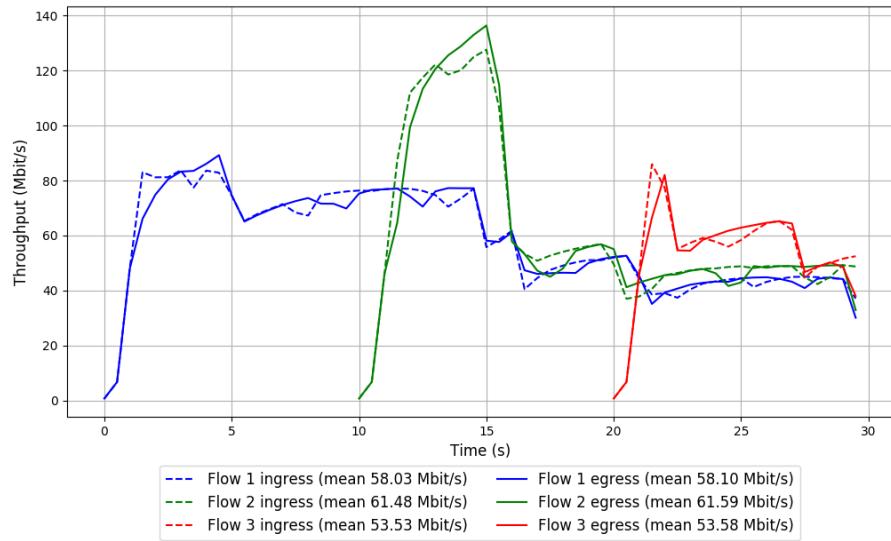


Run 9: Statistics of TCP Cubic

```
Start at: 2017-09-18 02:41:25
End at: 2017-09-18 02:41:55
Local clock offset: -1.728 ms
Remote clock offset: -1.068 ms

# Below is generated by plot.py at 2017-09-18 07:24:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 116.46 Mbit/s
95th percentile per-packet one-way delay: 82.371 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 58.10 Mbit/s
95th percentile per-packet one-way delay: 80.650 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 61.59 Mbit/s
95th percentile per-packet one-way delay: 81.592 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 82.716 ms
Loss rate: 1.67%
```

Run 9: Report of TCP Cubic — Data Link

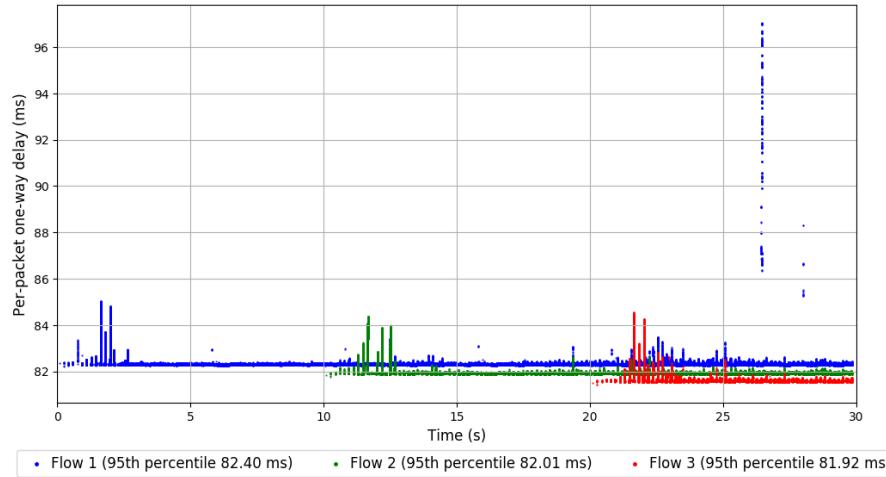
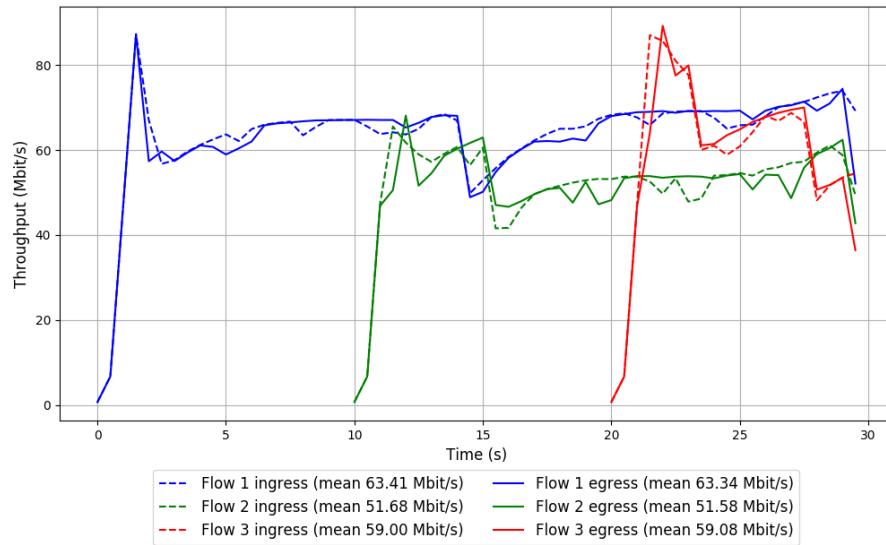


Run 10: Statistics of TCP Cubic

```
Start at: 2017-09-18 03:03:05
End at: 2017-09-18 03:03:35
Local clock offset: -1.487 ms
Remote clock offset: -1.932 ms

# Below is generated by plot.py at 2017-09-18 07:24:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 116.88 Mbit/s
95th percentile per-packet one-way delay: 82.372 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 63.34 Mbit/s
95th percentile per-packet one-way delay: 82.396 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 82.009 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 81.925 ms
Loss rate: 1.58%
```

Run 10: Report of TCP Cubic — Data Link

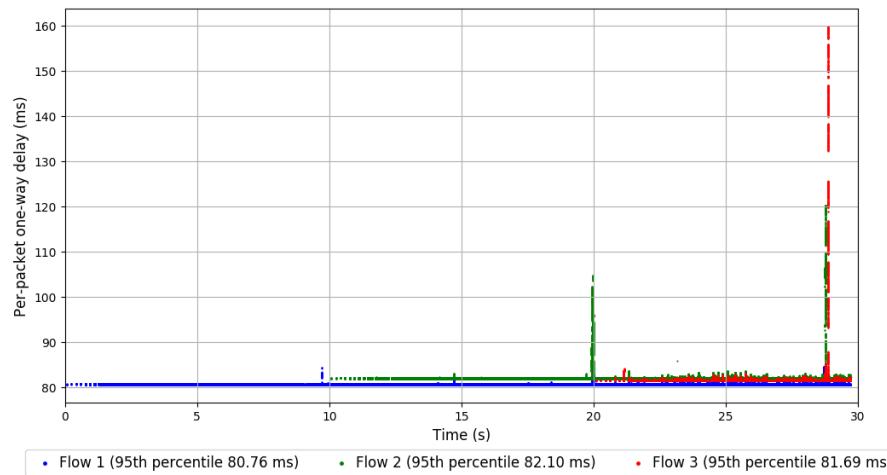
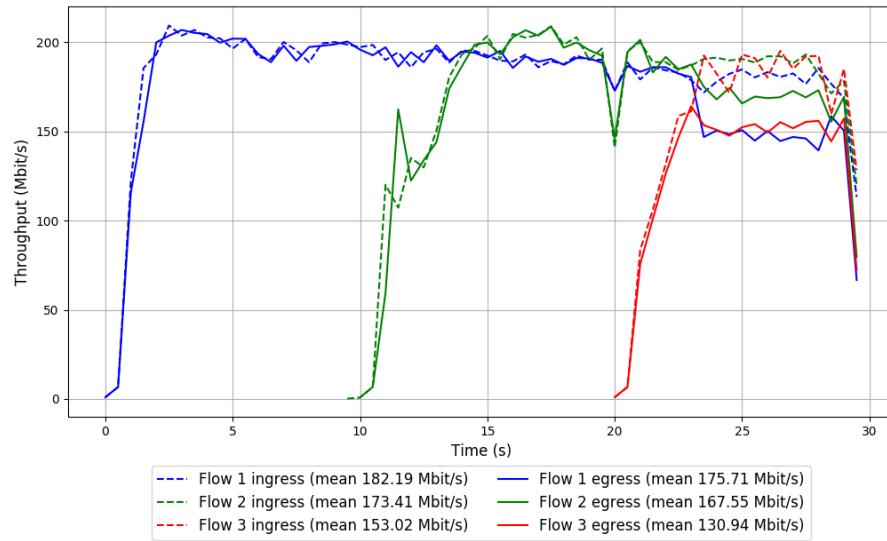


Run 1: Statistics of Indigo

```
Start at: 2017-09-17 23:39:09
End at: 2017-09-17 23:39:39
Local clock offset: -4.749 ms
Remote clock offset: -2.727 ms

# Below is generated by plot.py at 2017-09-18 07:26:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 329.25 Mbit/s
95th percentile per-packet one-way delay: 82.078 ms
Loss rate: 5.84%
-- Flow 1:
Average throughput: 175.71 Mbit/s
95th percentile per-packet one-way delay: 80.760 ms
Loss rate: 4.11%
-- Flow 2:
Average throughput: 167.55 Mbit/s
95th percentile per-packet one-way delay: 82.099 ms
Loss rate: 4.21%
-- Flow 3:
Average throughput: 130.94 Mbit/s
95th percentile per-packet one-way delay: 81.694 ms
Loss rate: 15.90%
```

Run 1: Report of Indigo — Data Link

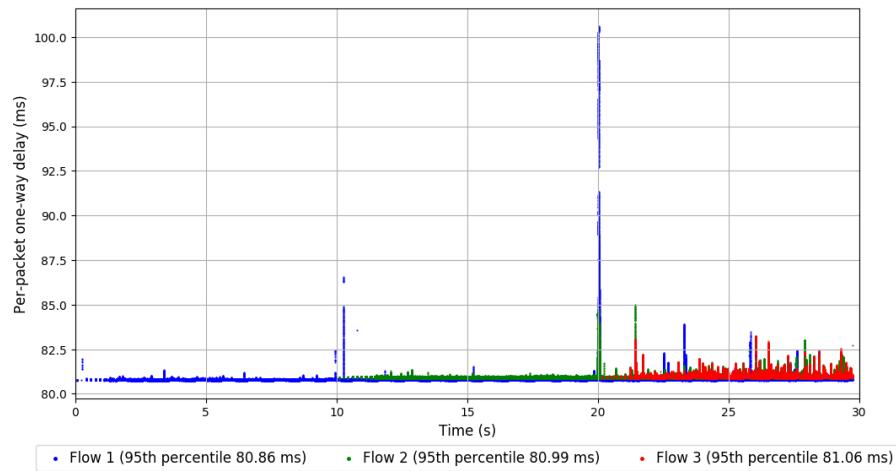
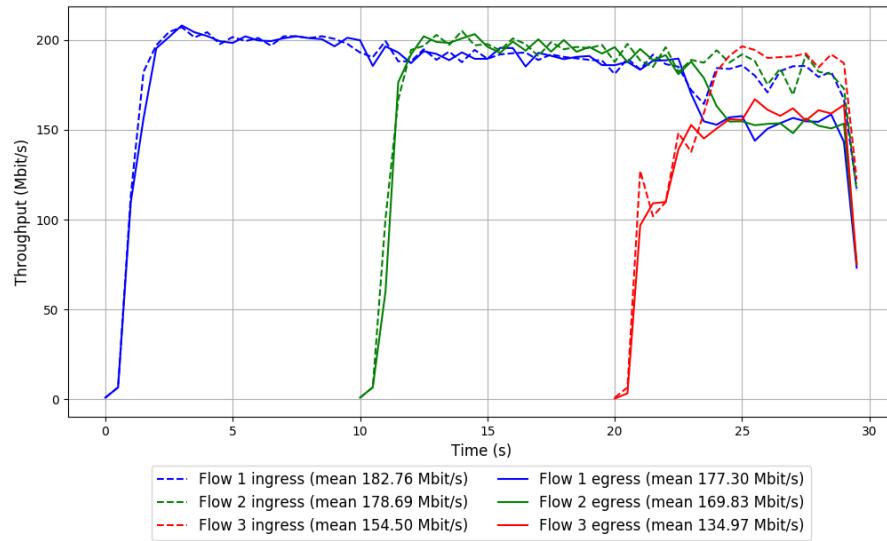


Run 2: Statistics of Indigo

```
Start at: 2017-09-18 00:00:35
End at: 2017-09-18 00:01:05
Local clock offset: -2.661 ms
Remote clock offset: -2.19 ms

# Below is generated by plot.py at 2017-09-18 07:27:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 333.27 Mbit/s
95th percentile per-packet one-way delay: 80.980 ms
Loss rate: 5.81%
-- Flow 1:
Average throughput: 177.30 Mbit/s
95th percentile per-packet one-way delay: 80.855 ms
Loss rate: 3.54%
-- Flow 2:
Average throughput: 169.83 Mbit/s
95th percentile per-packet one-way delay: 80.988 ms
Loss rate: 5.76%
-- Flow 3:
Average throughput: 134.97 Mbit/s
95th percentile per-packet one-way delay: 81.062 ms
Loss rate: 14.15%
```

Run 2: Report of Indigo — Data Link

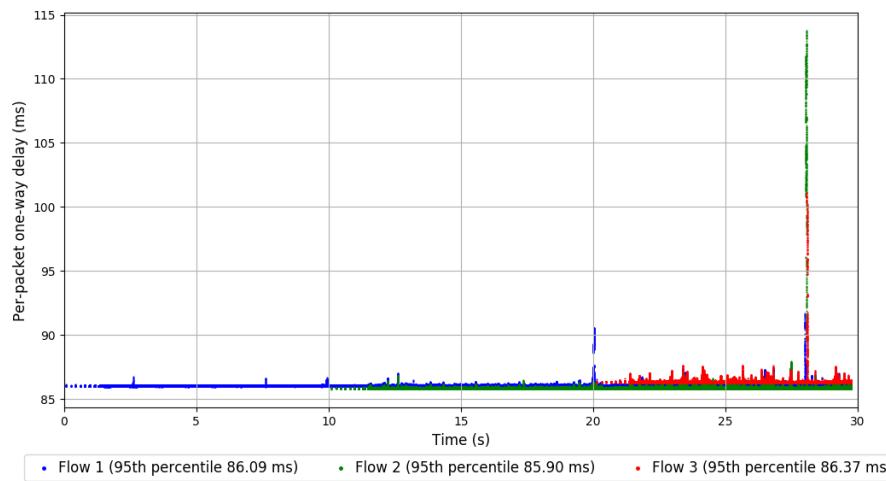
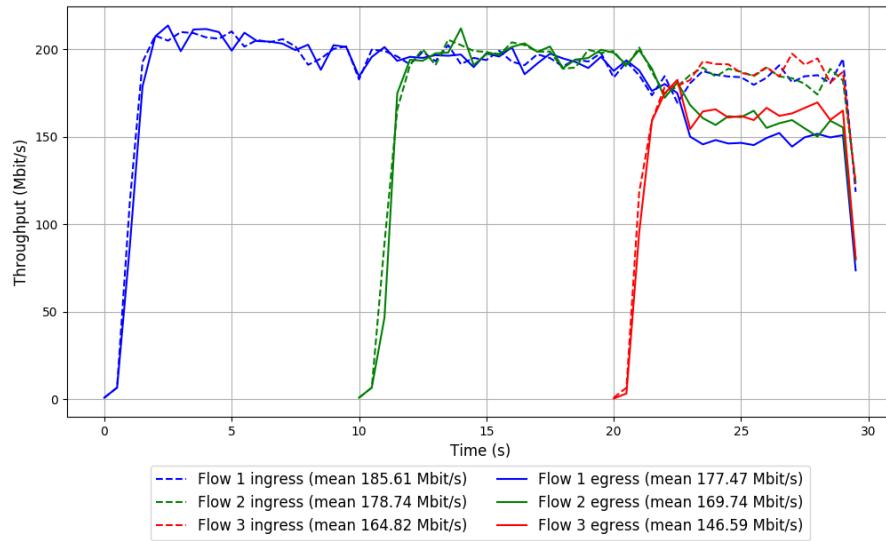


Run 3: Statistics of Indigo

```
Start at: 2017-09-18 00:22:06
End at: 2017-09-18 00:22:36
Local clock offset: -3.233 ms
Remote clock offset: -6.891 ms

# Below is generated by plot.py at 2017-09-18 07:28:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 337.28 Mbit/s
95th percentile per-packet one-way delay: 86.335 ms
Loss rate: 6.38%
-- Flow 1:
Average throughput: 177.47 Mbit/s
95th percentile per-packet one-way delay: 86.095 ms
Loss rate: 4.92%
-- Flow 2:
Average throughput: 169.74 Mbit/s
95th percentile per-packet one-way delay: 85.902 ms
Loss rate: 5.85%
-- Flow 3:
Average throughput: 146.59 Mbit/s
95th percentile per-packet one-way delay: 86.371 ms
Loss rate: 12.59%
```

Run 3: Report of Indigo — Data Link

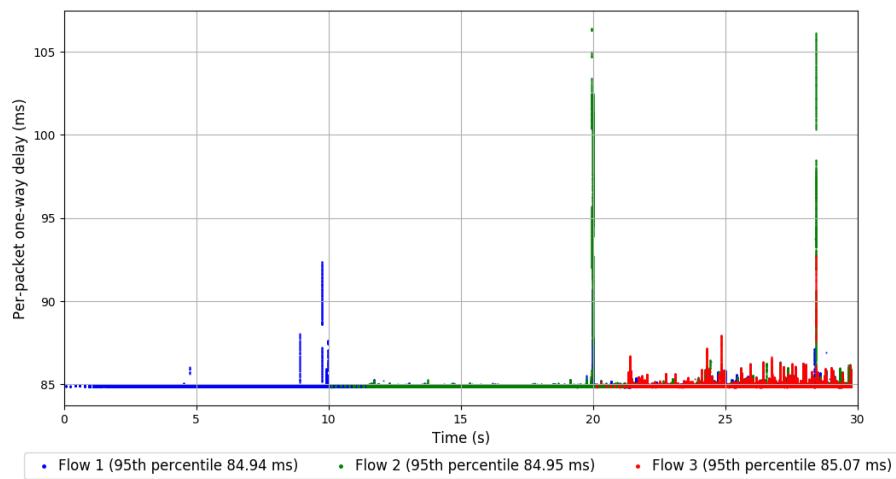
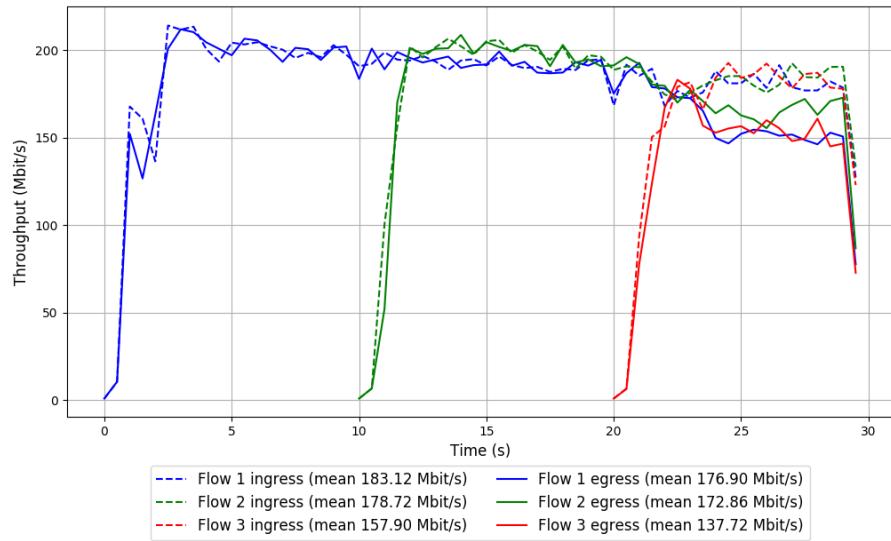


Run 4: Statistics of Indigo

```
Start at: 2017-09-18 00:43:38
End at: 2017-09-18 00:44:08
Local clock offset: -3.092 ms
Remote clock offset: -5.878 ms

# Below is generated by plot.py at 2017-09-18 07:28:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 336.02 Mbit/s
95th percentile per-packet one-way delay: 84.949 ms
Loss rate: 5.51%
-- Flow 1:
Average throughput: 176.90 Mbit/s
95th percentile per-packet one-way delay: 84.941 ms
Loss rate: 3.94%
-- Flow 2:
Average throughput: 172.86 Mbit/s
95th percentile per-packet one-way delay: 84.949 ms
Loss rate: 4.11%
-- Flow 3:
Average throughput: 137.72 Mbit/s
95th percentile per-packet one-way delay: 85.074 ms
Loss rate: 14.27%
```

Run 4: Report of Indigo — Data Link

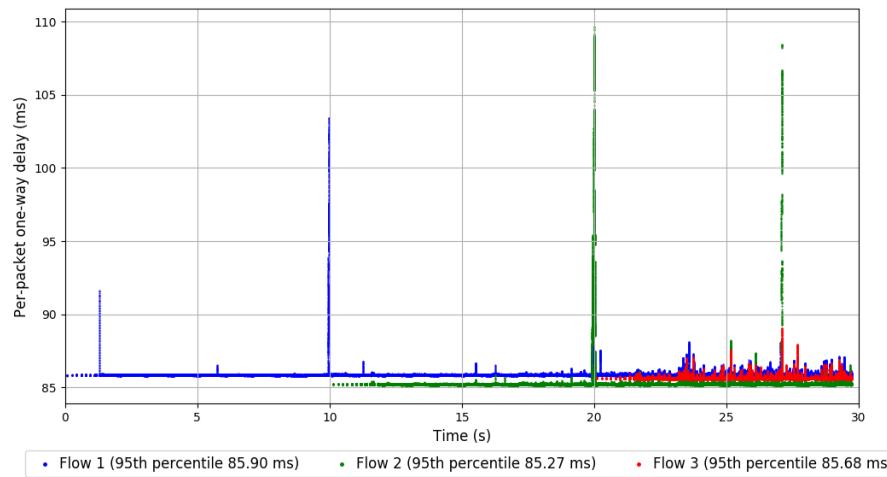
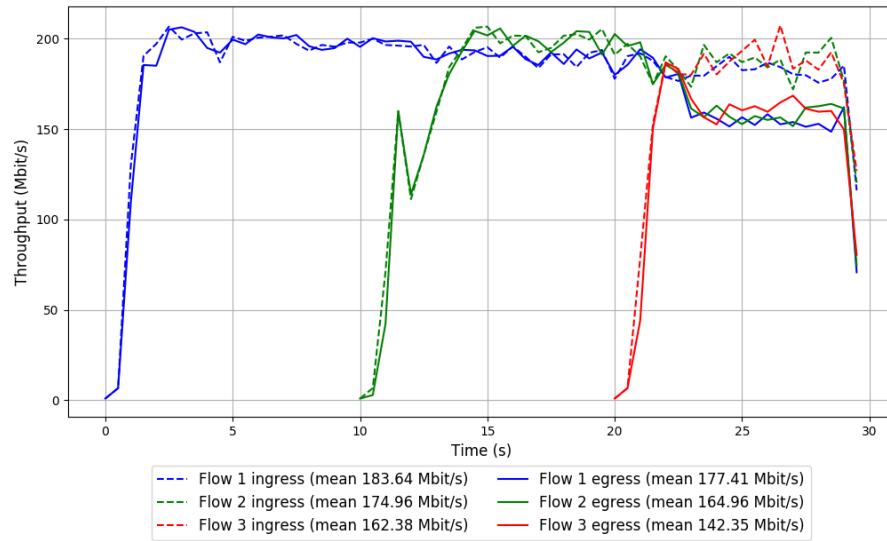


Run 5: Statistics of Indigo

```
Start at: 2017-09-18 01:05:11
End at: 2017-09-18 01:05:41
Local clock offset: -2.812 ms
Remote clock offset: -6.466 ms

# Below is generated by plot.py at 2017-09-18 07:28:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 332.58 Mbit/s
95th percentile per-packet one-way delay: 85.894 ms
Loss rate: 6.28%
-- Flow 1:
Average throughput: 177.41 Mbit/s
95th percentile per-packet one-way delay: 85.903 ms
Loss rate: 3.94%
-- Flow 2:
Average throughput: 164.96 Mbit/s
95th percentile per-packet one-way delay: 85.268 ms
Loss rate: 6.51%
-- Flow 3:
Average throughput: 142.35 Mbit/s
95th percentile per-packet one-way delay: 85.682 ms
Loss rate: 13.84%
```

Run 5: Report of Indigo — Data Link

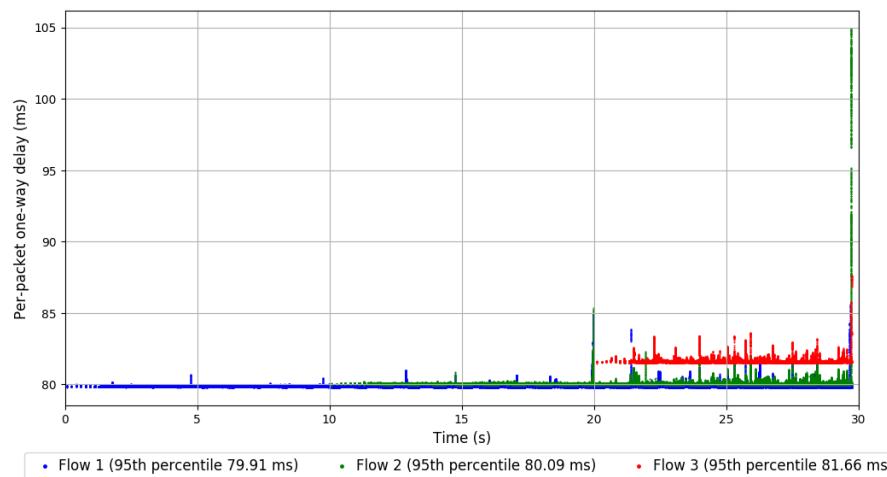
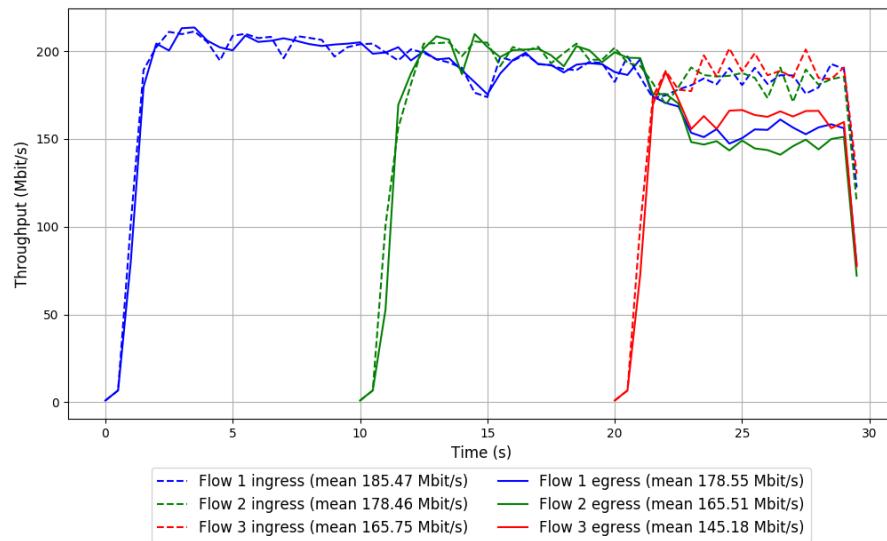


Run 6: Statistics of Indigo

```
Start at: 2017-09-18 01:26:48
End at: 2017-09-18 01:27:18
Local clock offset: -2.848 ms
Remote clock offset: -1.433 ms

# Below is generated by plot.py at 2017-09-18 07:28:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 335.35 Mbit/s
95th percentile per-packet one-way delay: 81.607 ms
Loss rate: 6.98%
-- Flow 1:
Average throughput: 178.55 Mbit/s
95th percentile per-packet one-way delay: 79.909 ms
Loss rate: 4.27%
-- Flow 2:
Average throughput: 165.51 Mbit/s
95th percentile per-packet one-way delay: 80.094 ms
Loss rate: 8.04%
-- Flow 3:
Average throughput: 145.18 Mbit/s
95th percentile per-packet one-way delay: 81.660 ms
Loss rate: 13.91%
```

Run 6: Report of Indigo — Data Link

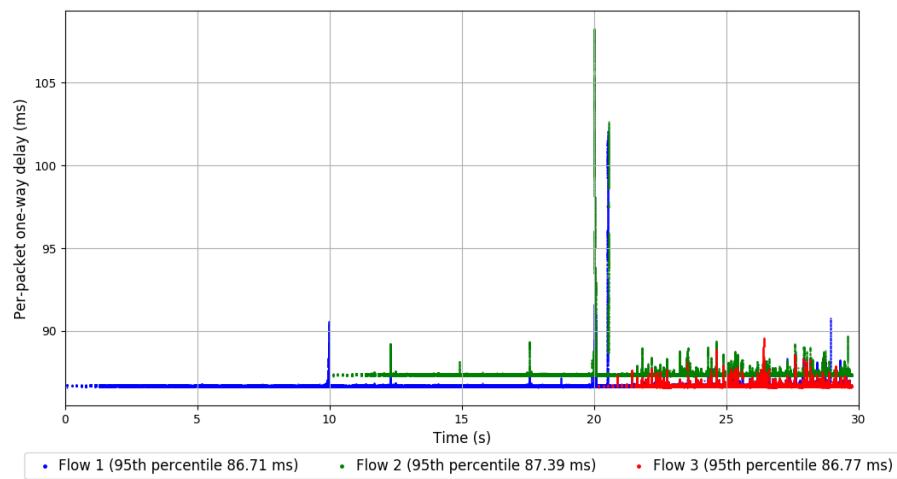
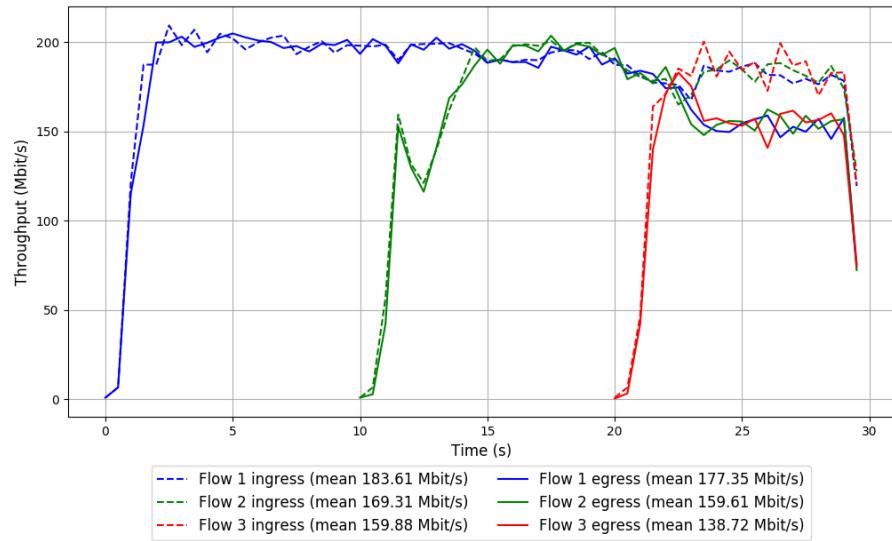


Run 7: Statistics of Indigo

```
Start at: 2017-09-18 01:48:25
End at: 2017-09-18 01:48:55
Local clock offset: -1.957 ms
Remote clock offset: -6.162 ms

# Below is generated by plot.py at 2017-09-18 07:28:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 327.52 Mbit/s
95th percentile per-packet one-way delay: 87.370 ms
Loss rate: 6.41%
-- Flow 1:
Average throughput: 177.35 Mbit/s
95th percentile per-packet one-way delay: 86.706 ms
Loss rate: 3.97%
-- Flow 2:
Average throughput: 159.61 Mbit/s
95th percentile per-packet one-way delay: 87.392 ms
Loss rate: 6.53%
-- Flow 3:
Average throughput: 138.72 Mbit/s
95th percentile per-packet one-way delay: 86.765 ms
Loss rate: 14.76%
```

Run 7: Report of Indigo — Data Link

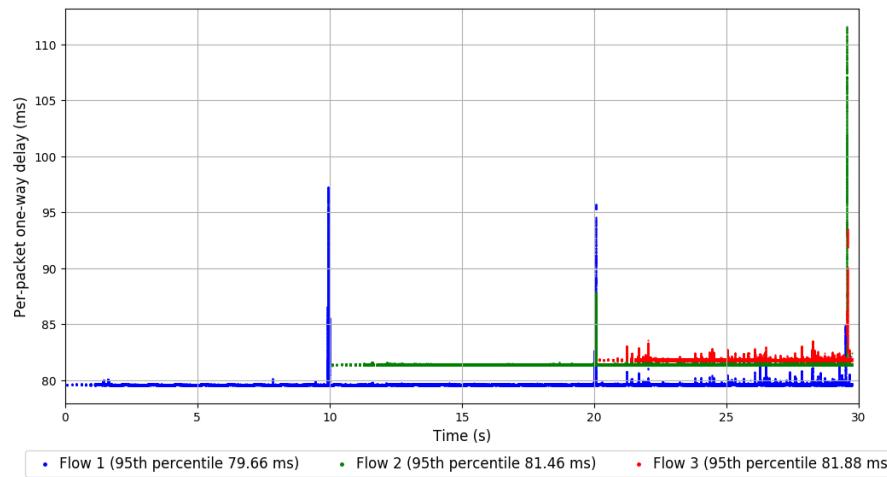
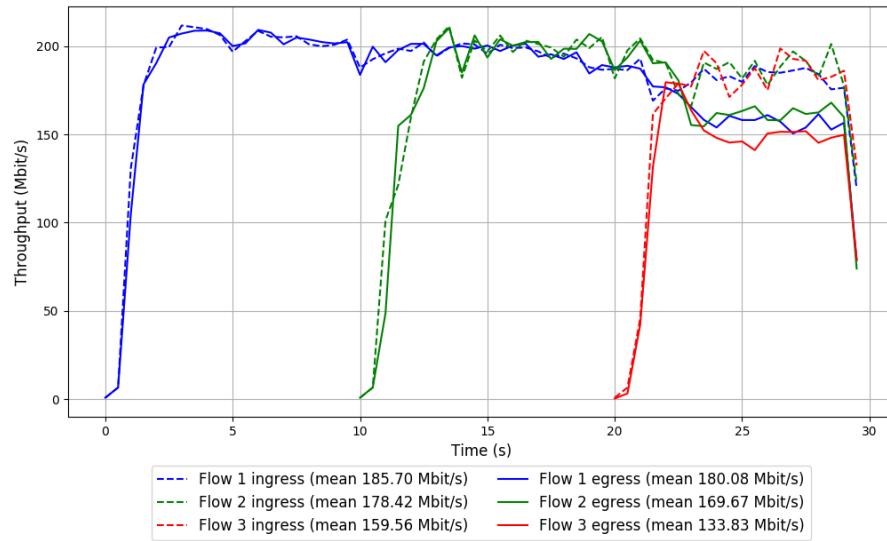


Run 8: Statistics of Indigo

```
Start at: 2017-09-18 02:10:00
End at: 2017-09-18 02:10:30
Local clock offset: -1.771 ms
Remote clock offset: -1.499 ms

# Below is generated by plot.py at 2017-09-18 07:28:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 335.51 Mbit/s
95th percentile per-packet one-way delay: 81.833 ms
Loss rate: 6.34%
-- Flow 1:
Average throughput: 180.08 Mbit/s
95th percentile per-packet one-way delay: 79.655 ms
Loss rate: 3.58%
-- Flow 2:
Average throughput: 169.67 Mbit/s
95th percentile per-packet one-way delay: 81.456 ms
Loss rate: 5.71%
-- Flow 3:
Average throughput: 133.83 Mbit/s
95th percentile per-packet one-way delay: 81.882 ms
Loss rate: 17.58%
```

Run 8: Report of Indigo — Data Link

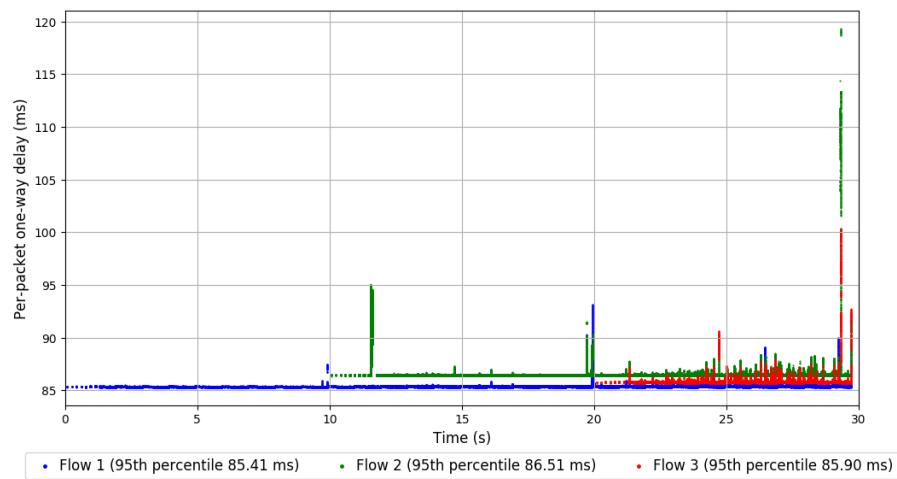
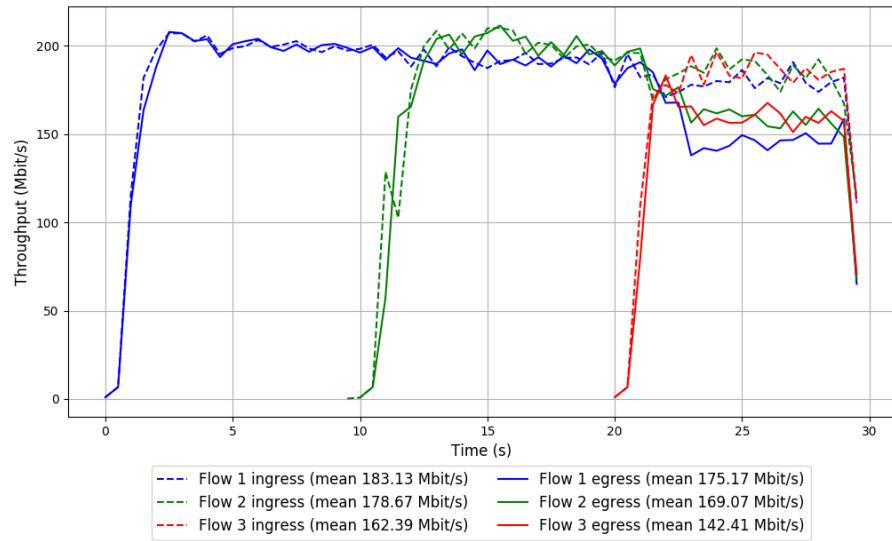


Run 9: Statistics of Indigo

```
Start at: 2017-09-18 02:31:44
End at: 2017-09-18 02:32:14
Local clock offset: -1.693 ms
Remote clock offset: -7.191 ms

# Below is generated by plot.py at 2017-09-18 07:31:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 333.53 Mbit/s
95th percentile per-packet one-way delay: 86.483 ms
Loss rate: 6.66%
-- Flow 1:
Average throughput: 175.17 Mbit/s
95th percentile per-packet one-way delay: 85.405 ms
Loss rate: 4.88%
-- Flow 2:
Average throughput: 169.07 Mbit/s
95th percentile per-packet one-way delay: 86.513 ms
Loss rate: 6.18%
-- Flow 3:
Average throughput: 142.41 Mbit/s
95th percentile per-packet one-way delay: 85.898 ms
Loss rate: 13.81%
```

Run 9: Report of Indigo — Data Link

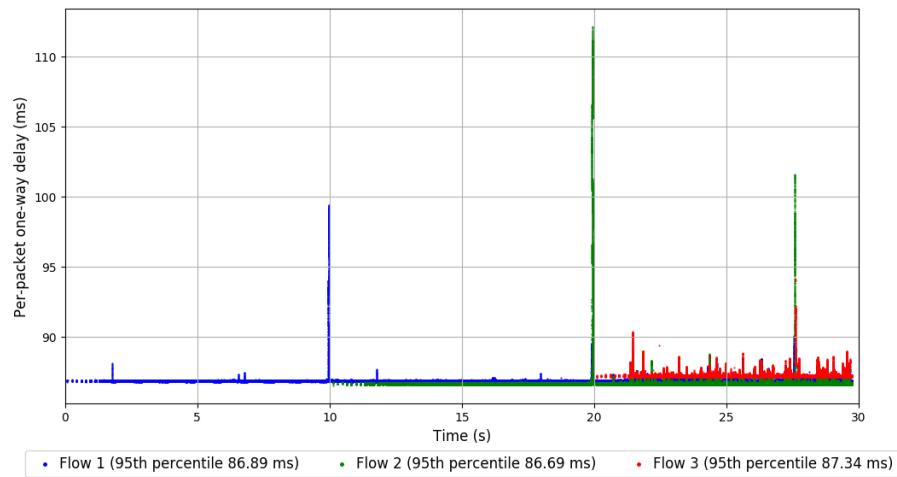
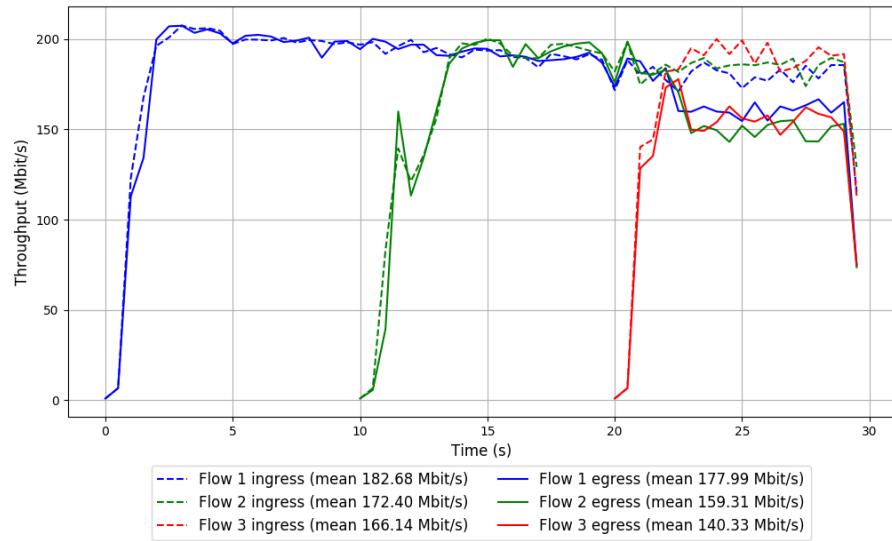


Run 10: Statistics of Indigo

```
Start at: 2017-09-18 02:53:34
End at: 2017-09-18 02:54:04
Local clock offset: -1.584 ms
Remote clock offset: -7.149 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 328.92 Mbit/s
95th percentile per-packet one-way delay: 87.214 ms
Loss rate: 6.98%
-- Flow 1:
Average throughput: 177.99 Mbit/s
95th percentile per-packet one-way delay: 86.890 ms
Loss rate: 3.12%
-- Flow 2:
Average throughput: 159.31 Mbit/s
95th percentile per-packet one-way delay: 86.695 ms
Loss rate: 8.38%
-- Flow 3:
Average throughput: 140.33 Mbit/s
95th percentile per-packet one-way delay: 87.336 ms
Loss rate: 17.00%
```

Run 10: Report of Indigo — Data Link

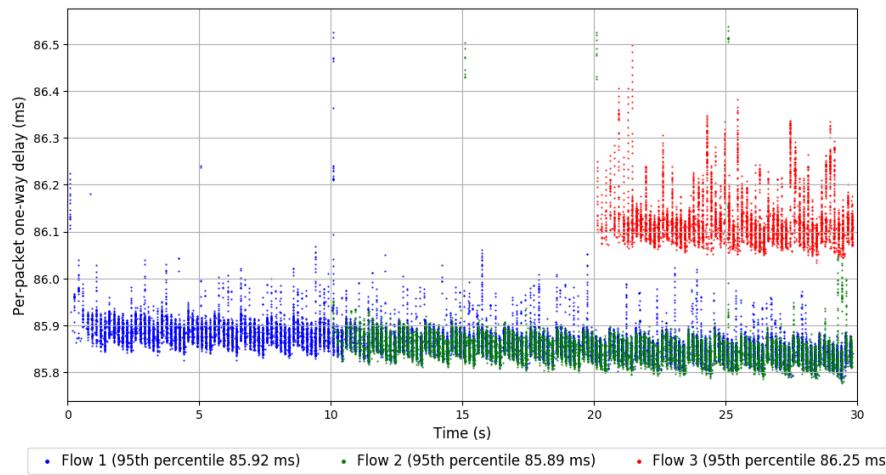
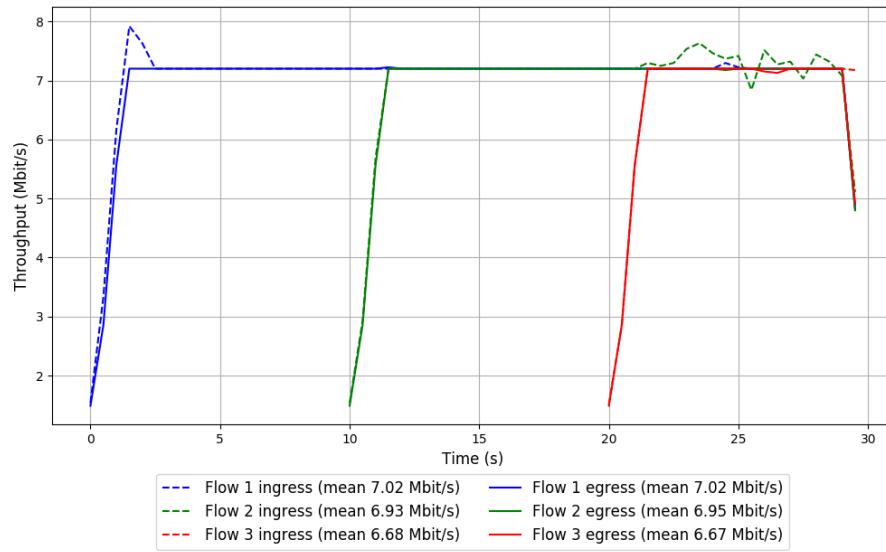


Run 1: Statistics of KohoCC

```
Start at: 2017-09-17 23:43:41
End at: 2017-09-17 23:44:11
Local clock offset: -3.949 ms
Remote clock offset: -7.647 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.81 Mbit/s
95th percentile per-packet one-way delay: 86.132 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 85.921 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 85.888 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 86.253 ms
Loss rate: 1.81%
```

Run 1: Report of KohoCC — Data Link

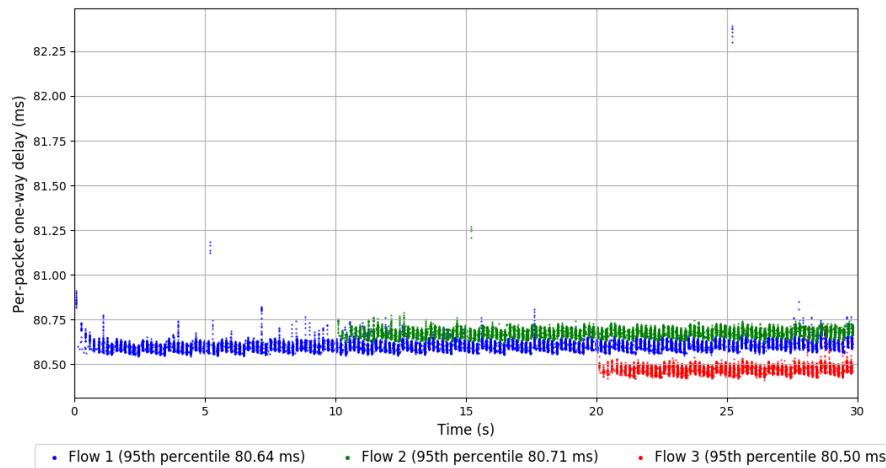
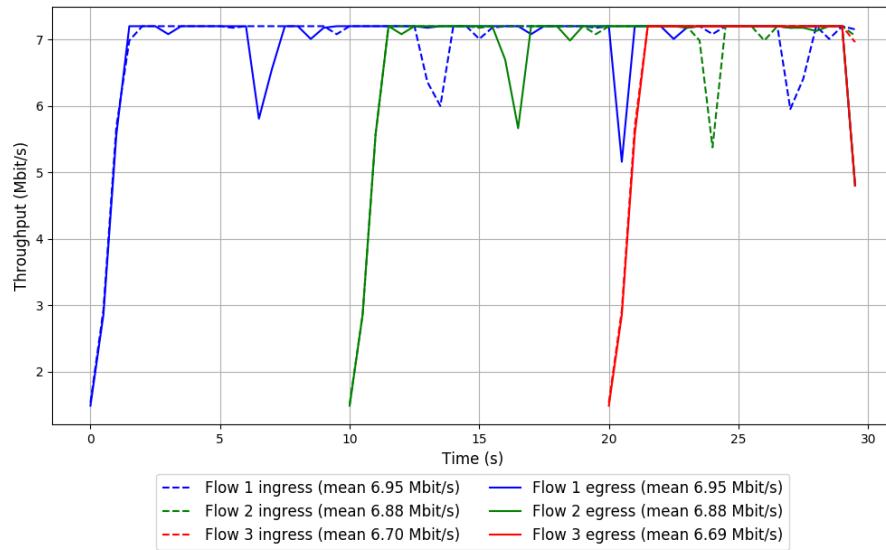


Run 2: Statistics of KohoCC

```
Start at: 2017-09-18 00:05:07
End at: 2017-09-18 00:05:37
Local clock offset: -2.687 ms
Remote clock offset: -1.756 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.70 Mbit/s
95th percentile per-packet one-way delay: 80.700 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 80.640 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 6.88 Mbit/s
95th percentile per-packet one-way delay: 80.710 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 6.69 Mbit/s
95th percentile per-packet one-way delay: 80.505 ms
Loss rate: 1.81%
```

Run 2: Report of KohoCC — Data Link

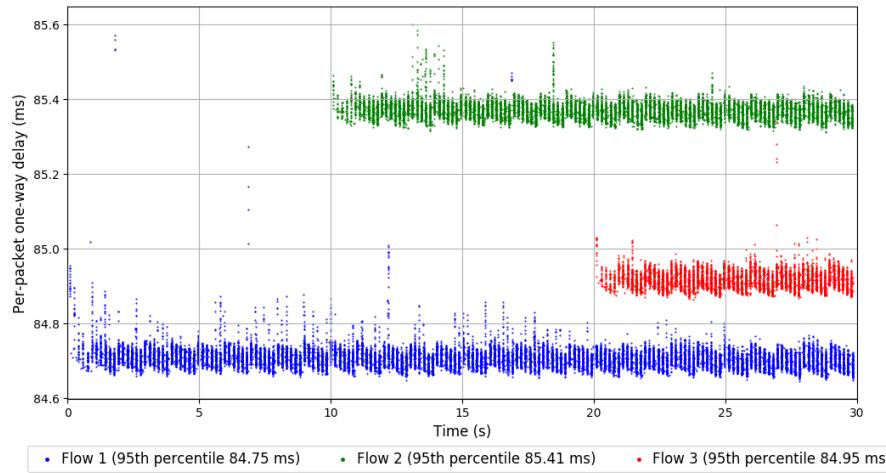
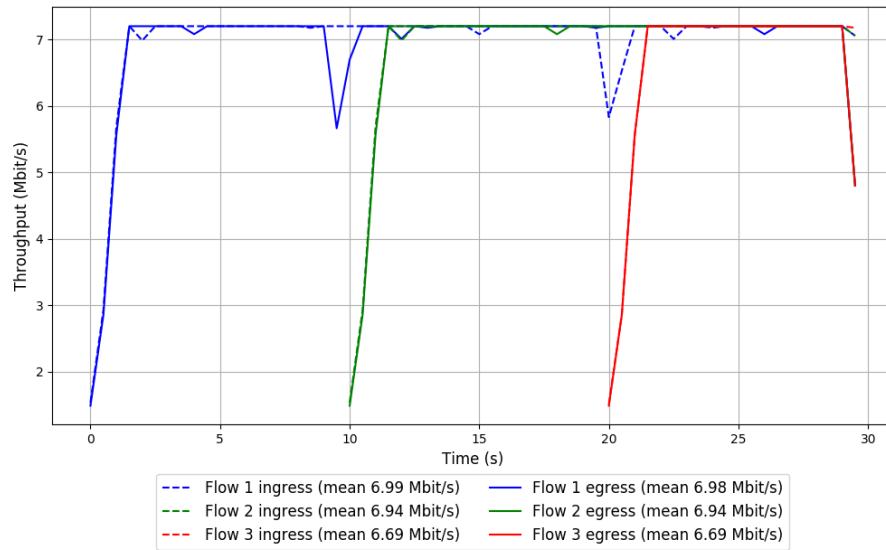


Run 3: Statistics of KohoCC

```
Start at: 2017-09-18 00:26:39
End at: 2017-09-18 00:27:09
Local clock offset: -3.254 ms
Remote clock offset: -6.025 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.77 Mbit/s
95th percentile per-packet one-way delay: 85.393 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 84.745 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 85.406 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 6.69 Mbit/s
95th percentile per-packet one-way delay: 84.955 ms
Loss rate: 1.81%
```

Run 3: Report of KohoCC — Data Link

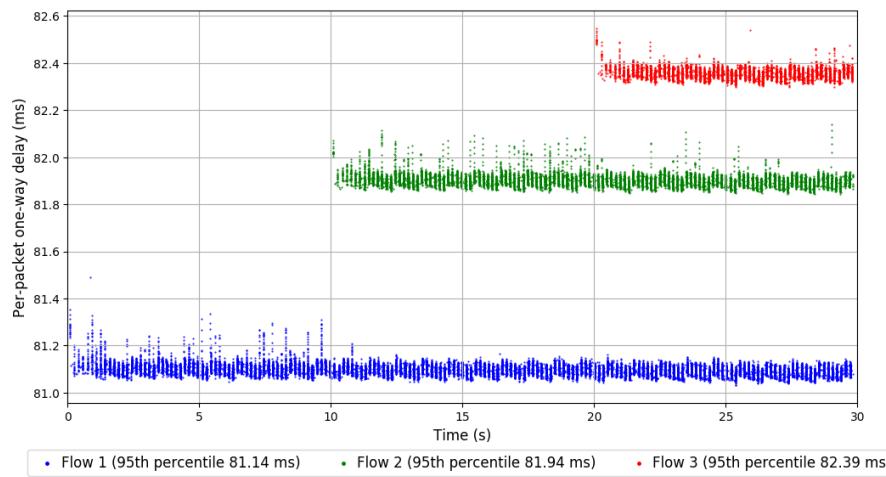
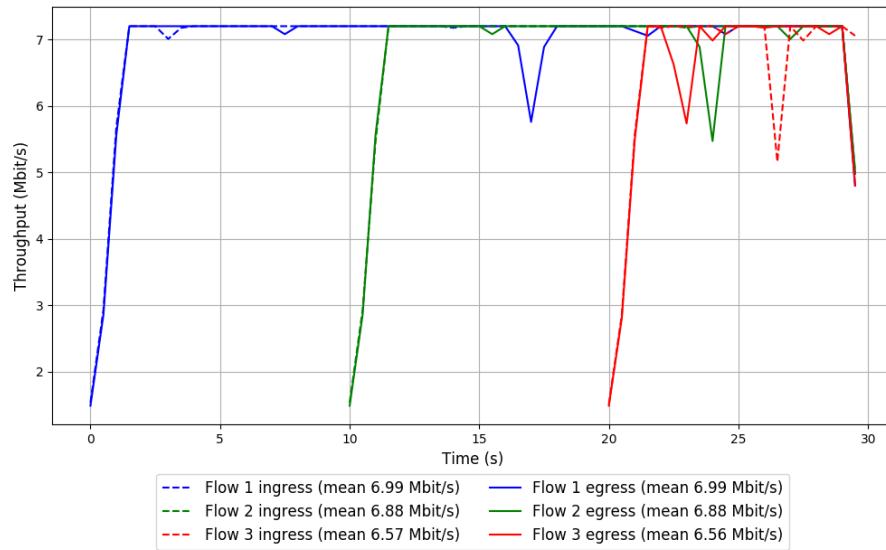


Run 4: Statistics of KohoCC

```
Start at: 2017-09-18 00:47:59
End at: 2017-09-18 00:48:29
Local clock offset: -3.25 ms
Remote clock offset: -1.785 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.69 Mbit/s
95th percentile per-packet one-way delay: 82.367 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 6.99 Mbit/s
95th percentile per-packet one-way delay: 81.135 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 6.88 Mbit/s
95th percentile per-packet one-way delay: 81.940 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 82.393 ms
Loss rate: 1.85%
```

Run 4: Report of KohoCC — Data Link

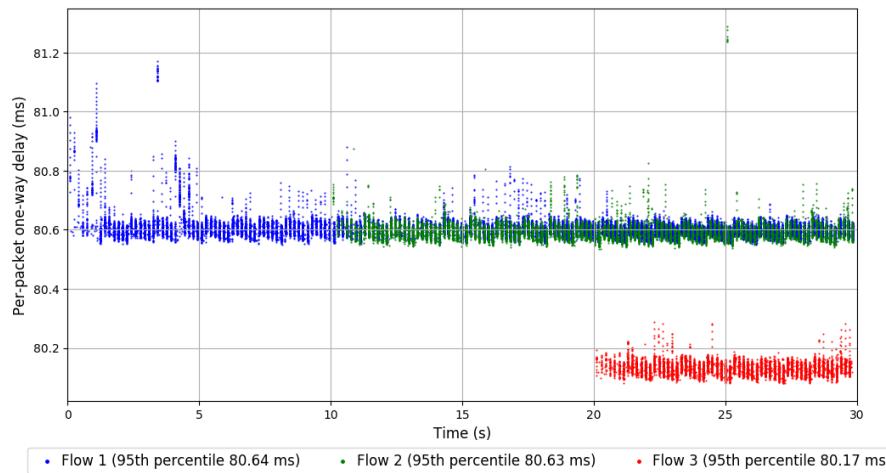
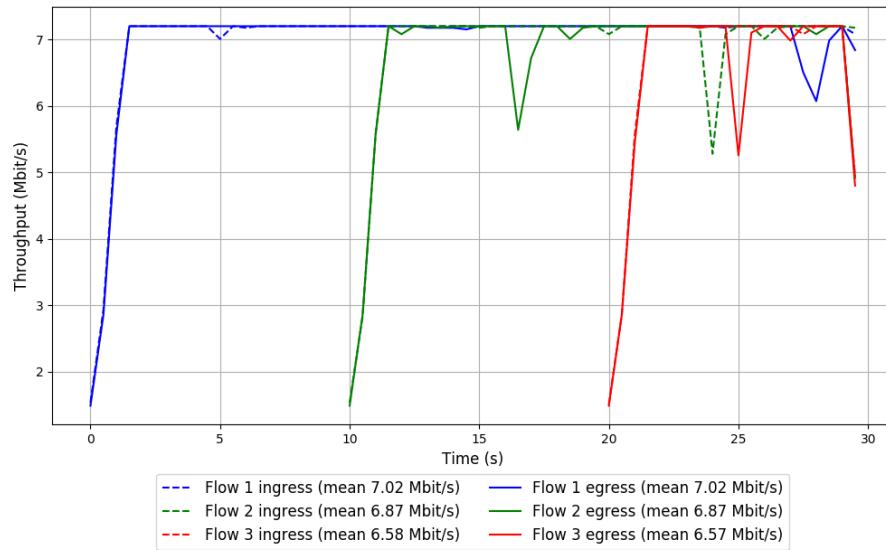


Run 5: Statistics of KohoCC

```
Start at: 2017-09-18 01:09:47
End at: 2017-09-18 01:10:17
Local clock offset: -2.924 ms
Remote clock offset: -1.327 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.72 Mbit/s
95th percentile per-packet one-way delay: 80.637 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 7.02 Mbit/s
95th percentile per-packet one-way delay: 80.645 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 6.87 Mbit/s
95th percentile per-packet one-way delay: 80.631 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 6.57 Mbit/s
95th percentile per-packet one-way delay: 80.166 ms
Loss rate: 1.85%
```

Run 5: Report of KohoCC — Data Link

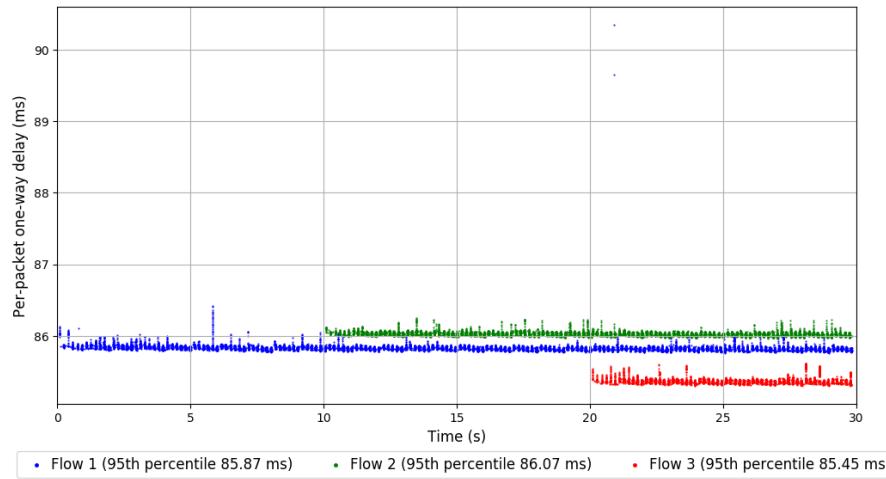
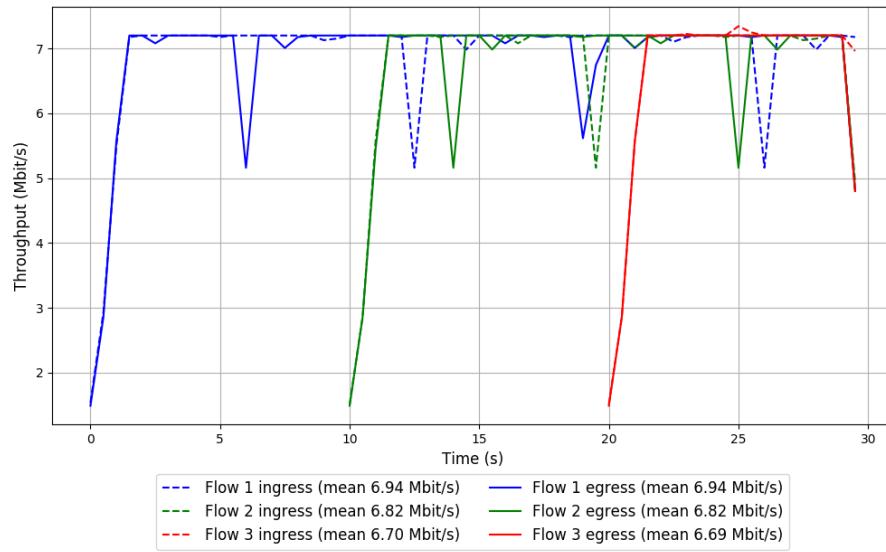


Run 6: Statistics of KohoCC

```
Start at: 2017-09-18 01:31:19
End at: 2017-09-18 01:31:49
Local clock offset: -2.639 ms
Remote clock offset: -7.036 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.65 Mbit/s
95th percentile per-packet one-way delay: 86.051 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 85.873 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 86.066 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 6.69 Mbit/s
95th percentile per-packet one-way delay: 85.446 ms
Loss rate: 1.81%
```

Run 6: Report of KohoCC — Data Link

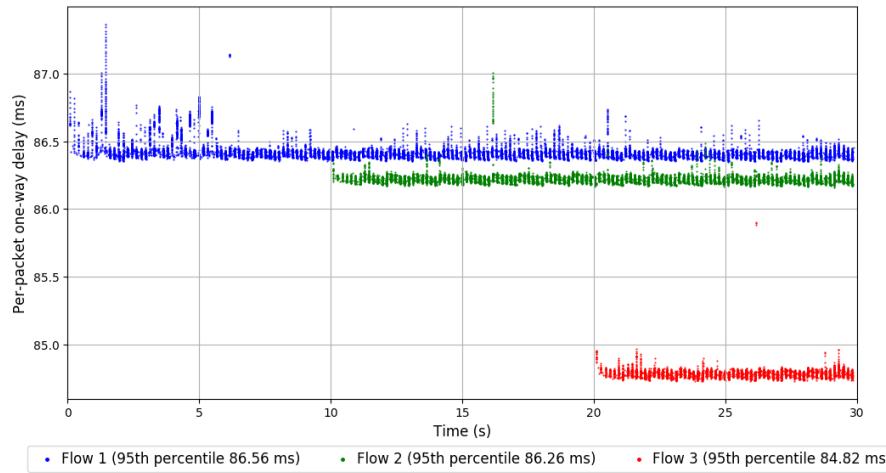
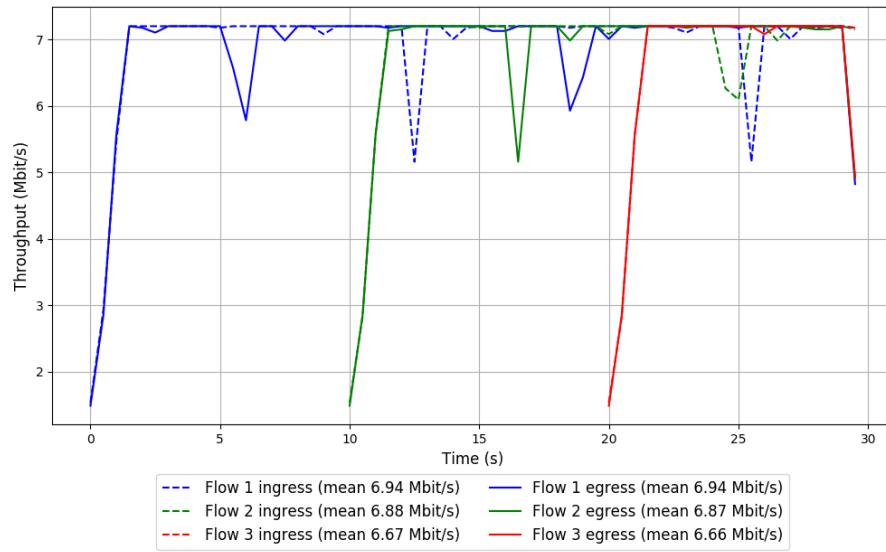


Run 7: Statistics of KohoCC

```
Start at: 2017-09-18 01:52:54
End at: 2017-09-18 01:53:24
Local clock offset: -1.978 ms
Remote clock offset: -6.276 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.68 Mbit/s
95th percentile per-packet one-way delay: 86.466 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 86.558 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 6.87 Mbit/s
95th percentile per-packet one-way delay: 86.257 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 6.66 Mbit/s
95th percentile per-packet one-way delay: 84.822 ms
Loss rate: 1.81%
```

Run 7: Report of KohoCC — Data Link

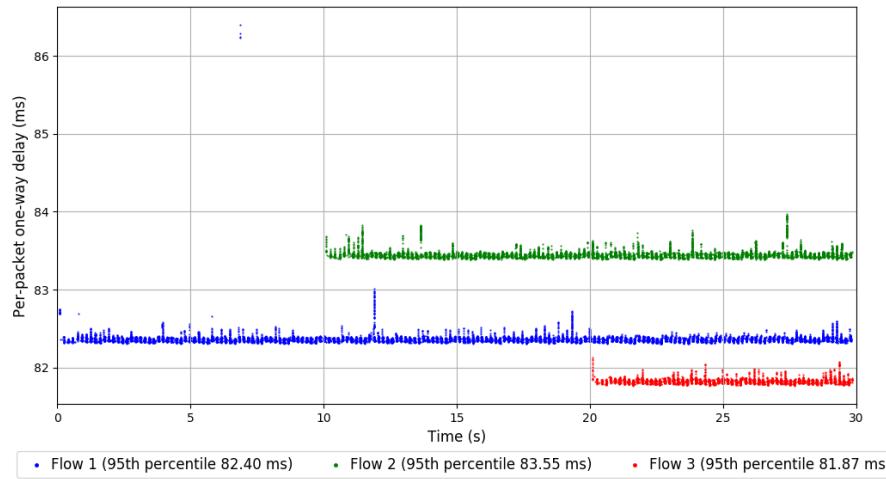
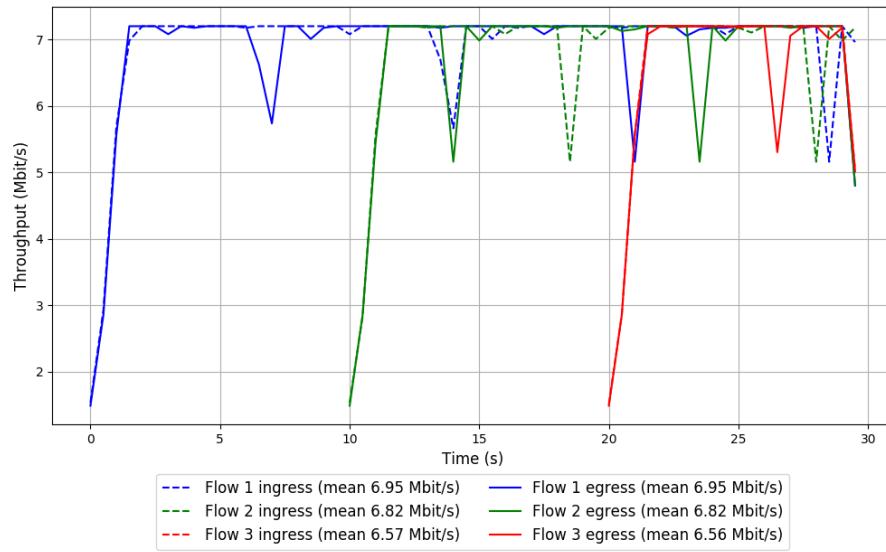


Run 8: Statistics of KohoCC

```
Start at: 2017-09-18 02:14:29
End at: 2017-09-18 02:14:59
Local clock offset: -1.836 ms
Remote clock offset: -2.313 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 83.468 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 82.399 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 83.546 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 81.868 ms
Loss rate: 1.84%
```

Run 8: Report of KohoCC — Data Link

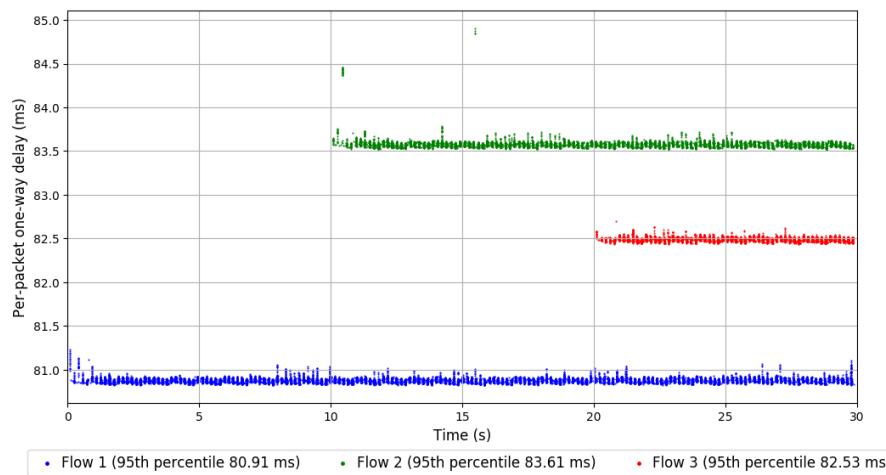
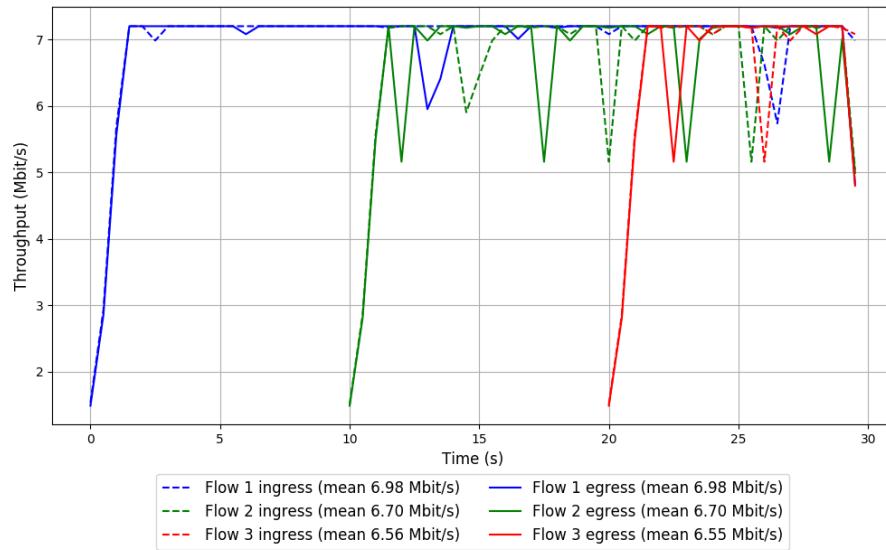


Run 9: Statistics of KohoCC

```
Start at: 2017-09-18 02:36:11
End at: 2017-09-18 02:36:41
Local clock offset: -1.775 ms
Remote clock offset: -2.349 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.56 Mbit/s
95th percentile per-packet one-way delay: 83.598 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 6.98 Mbit/s
95th percentile per-packet one-way delay: 80.913 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 6.70 Mbit/s
95th percentile per-packet one-way delay: 83.611 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 6.55 Mbit/s
95th percentile per-packet one-way delay: 82.526 ms
Loss rate: 1.85%
```

Run 9: Report of KohoCC — Data Link

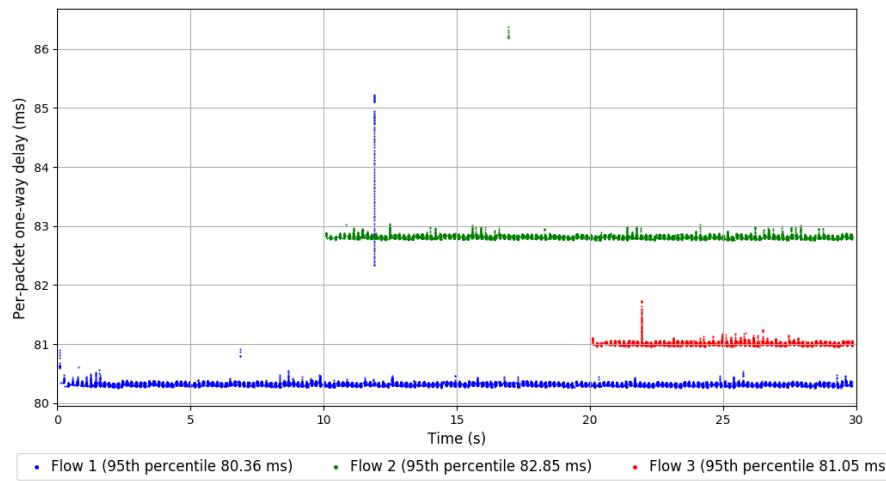
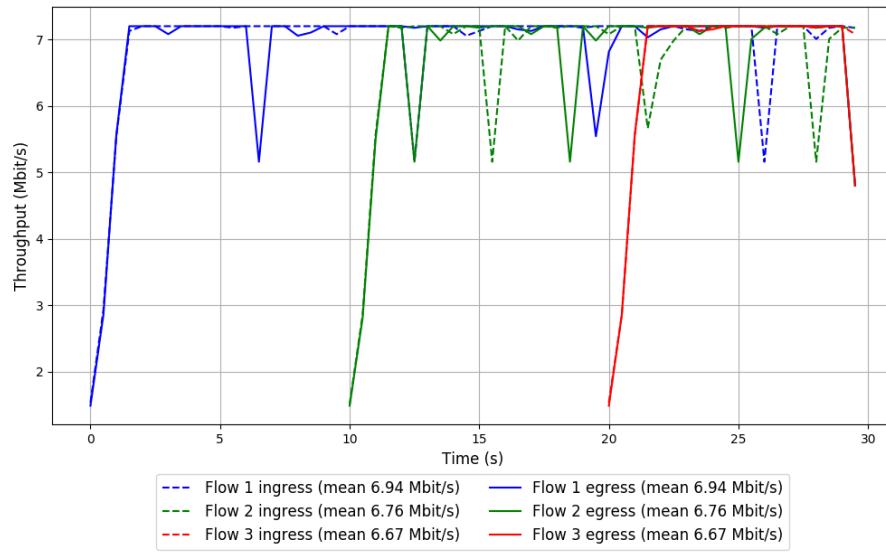


Run 10: Statistics of KohoCC

```
Start at: 2017-09-18 02:57:51
End at: 2017-09-18 02:58:21
Local clock offset: -1.551 ms
Remote clock offset: -1.715 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.61 Mbit/s
95th percentile per-packet one-way delay: 82.837 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 80.355 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 82.853 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 81.049 ms
Loss rate: 1.82%
```

Run 10: Report of KohoCC — Data Link

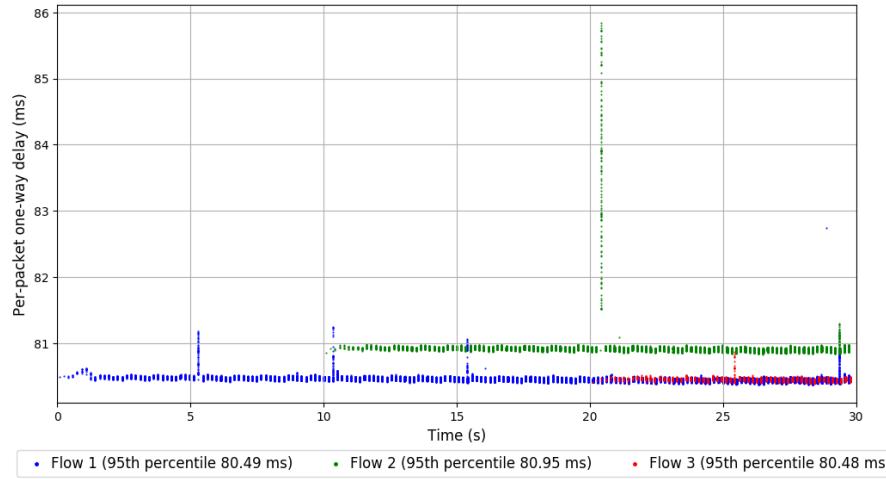
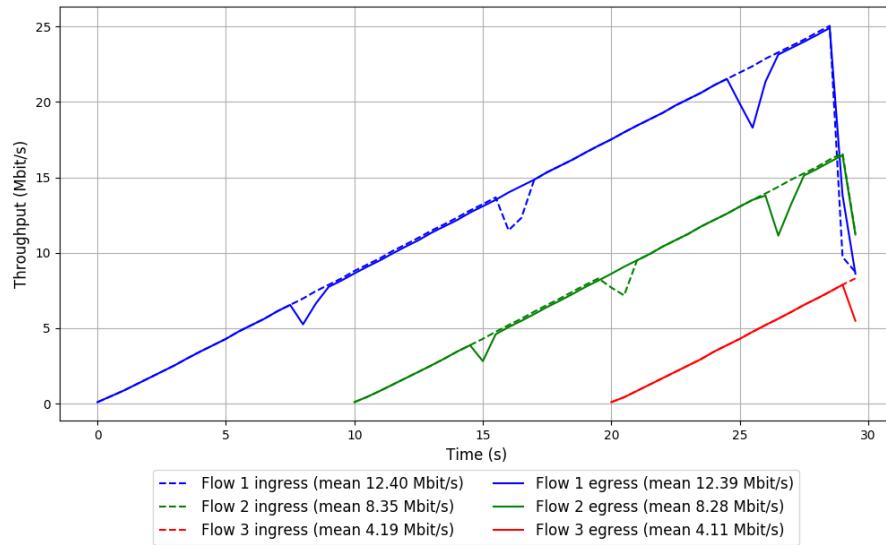


Run 1: Statistics of LEDBAT

```
Start at: 2017-09-17 23:40:46
End at: 2017-09-17 23:41:16
Local clock offset: -4.395 ms
Remote clock offset: -2.74 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 80.929 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 12.39 Mbit/s
95th percentile per-packet one-way delay: 80.491 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 80.947 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 80.484 ms
Loss rate: 3.42%
```

Run 1: Report of LEDBAT — Data Link

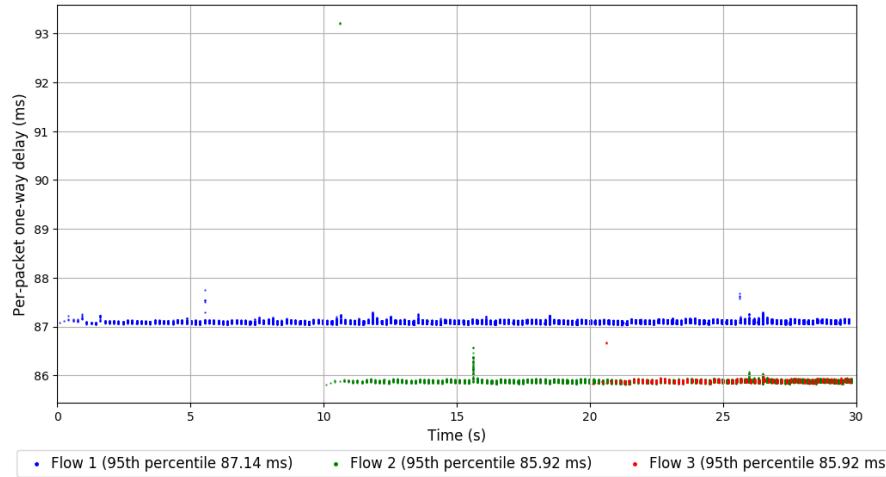
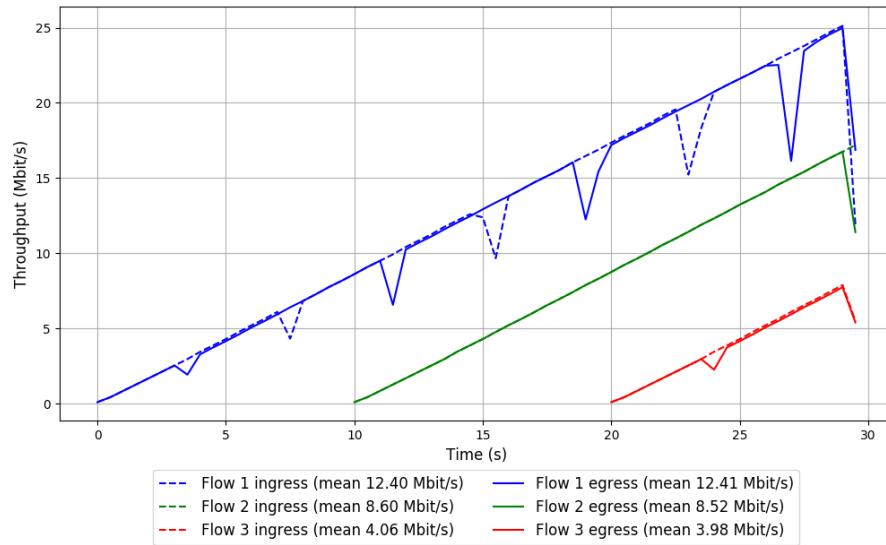


Run 2: Statistics of LEDBAT

```
Start at: 2017-09-18 00:02:13
End at: 2017-09-18 00:02:43
Local clock offset: -2.615 ms
Remote clock offset: -7.193 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.31 Mbit/s
95th percentile per-packet one-way delay: 87.130 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 87.135 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 8.52 Mbit/s
95th percentile per-packet one-way delay: 85.917 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 85.921 ms
Loss rate: 3.48%
```

Run 2: Report of LEDBAT — Data Link

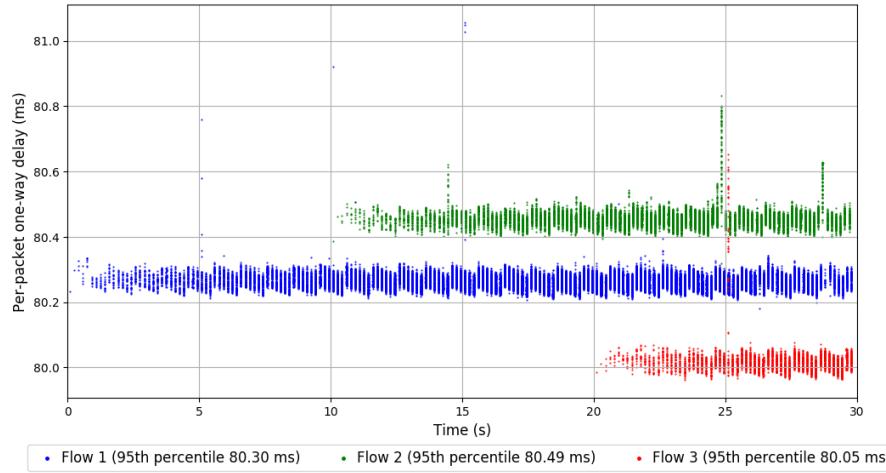
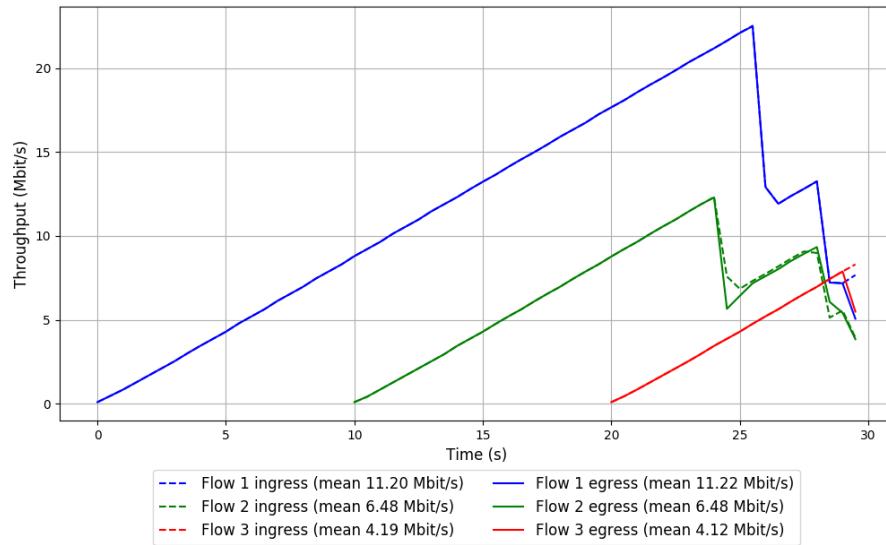


Run 3: Statistics of LEDBAT

```
Start at: 2017-09-18 00:23:43
End at: 2017-09-18 00:24:13
Local clock offset: -3.293 ms
Remote clock offset: -1.334 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 80.472 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 80.297 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 6.48 Mbit/s
95th percentile per-packet one-way delay: 80.488 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 80.050 ms
Loss rate: 3.42%
```

Run 3: Report of LEDBAT — Data Link

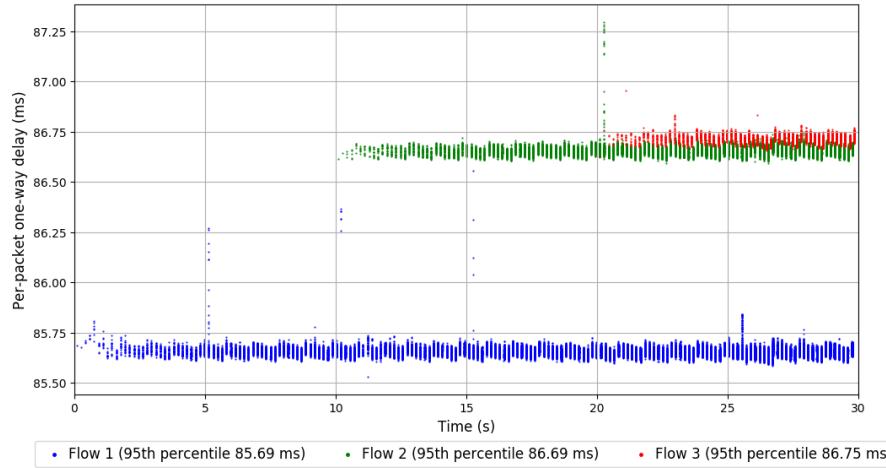
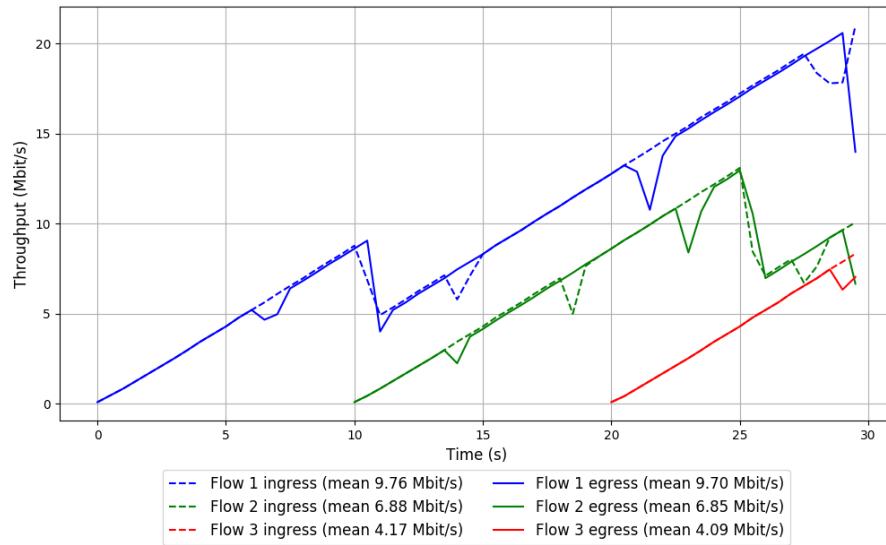


Run 4: Statistics of LEDBAT

```
Start at: 2017-09-18 00:45:16
End at: 2017-09-18 00:45:46
Local clock offset: -3.118 ms
Remote clock offset: -6.209 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 15.55 Mbit/s
95th percentile per-packet one-way delay: 86.711 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 85.690 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 6.85 Mbit/s
95th percentile per-packet one-way delay: 86.689 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 86.748 ms
Loss rate: 3.44%
```

Run 4: Report of LEDBAT — Data Link

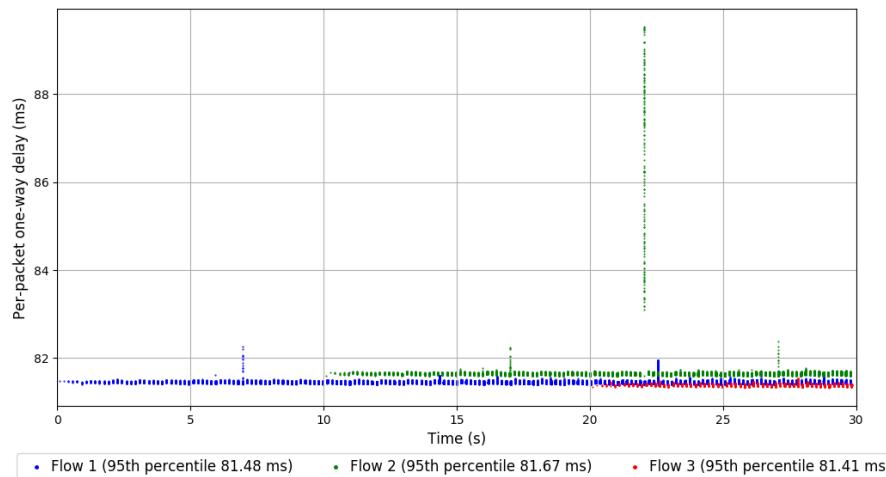
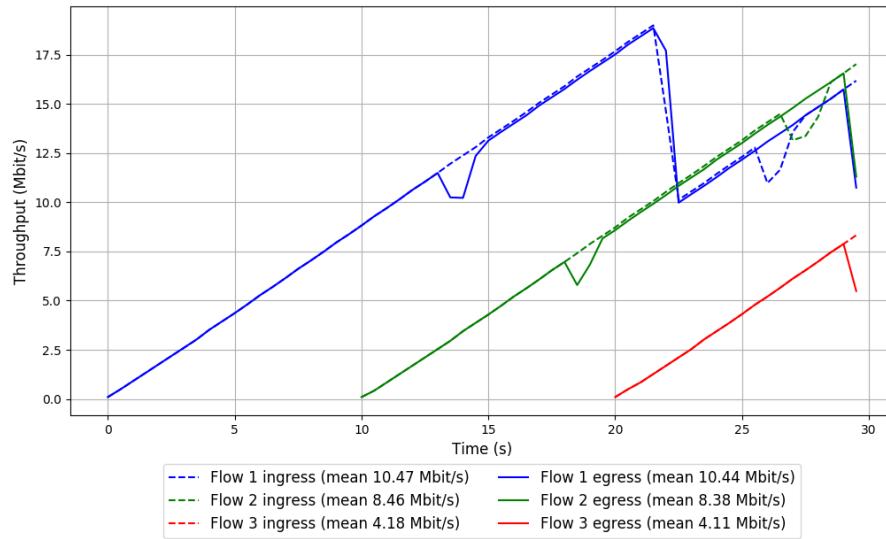


Run 5: Statistics of LEDBAT

```
Start at: 2017-09-18 01:06:54
End at: 2017-09-18 01:07:24
Local clock offset: -2.838 ms
Remote clock offset: -1.409 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 81.659 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 10.44 Mbit/s
95th percentile per-packet one-way delay: 81.480 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 8.38 Mbit/s
95th percentile per-packet one-way delay: 81.673 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 81.413 ms
Loss rate: 3.43%
```

Run 5: Report of LEDBAT — Data Link

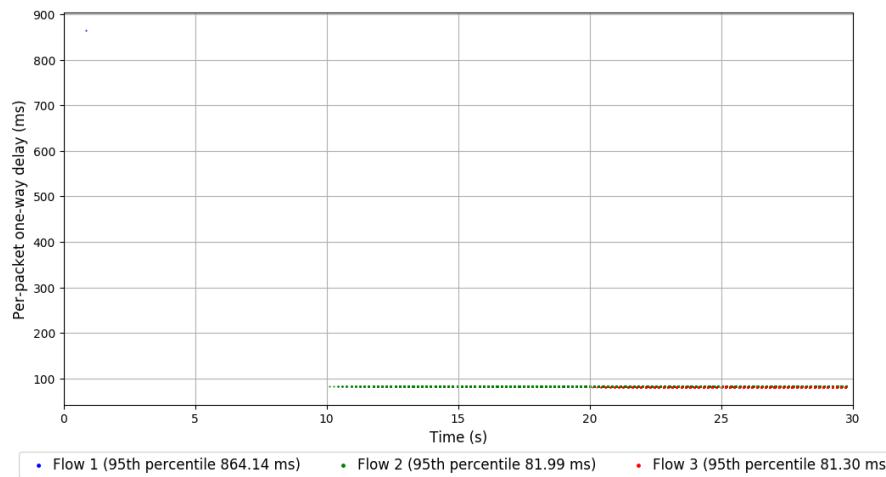
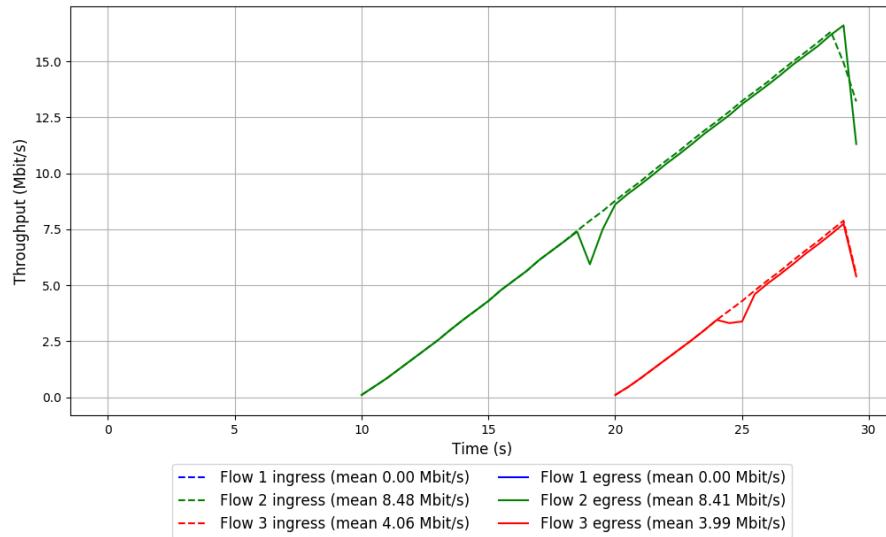


Run 6: Statistics of LEDBAT

```
Start at: 2017-09-18 01:28:26
End at: 2017-09-18 01:28:56
Local clock offset: -2.818 ms
Remote clock offset: -2.283 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 81.986 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 864.138 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 81.987 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 81.295 ms
Loss rate: 3.48%
```

Run 6: Report of LEDBAT — Data Link

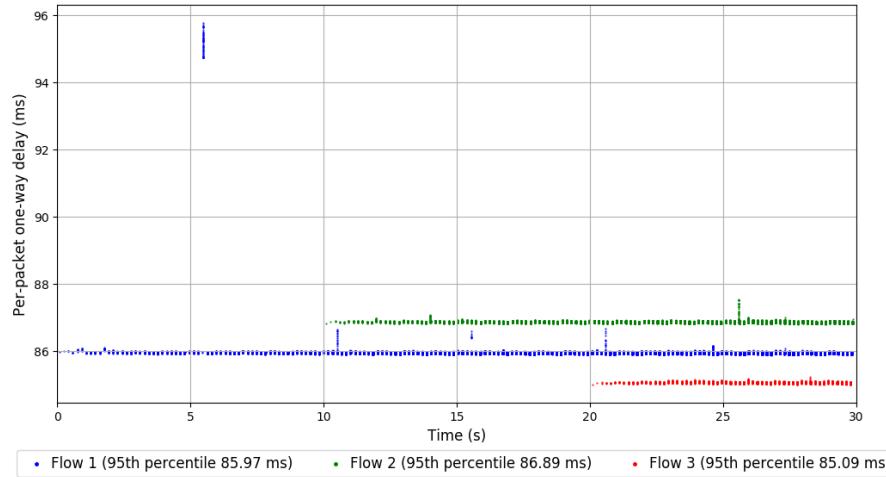
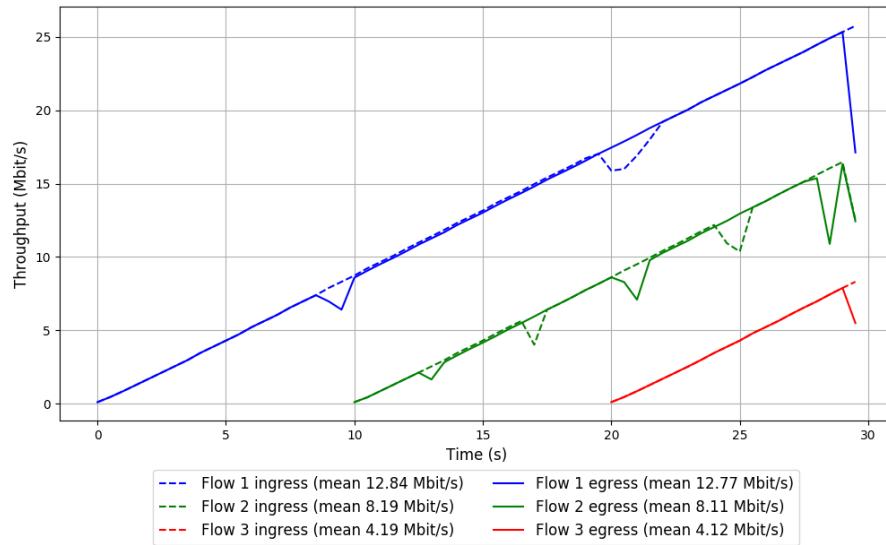


Run 7: Statistics of LEDBAT

```
Start at: 2017-09-18 01:50:02
End at: 2017-09-18 01:50:32
Local clock offset: -1.889 ms
Remote clock offset: -6.576 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.48 Mbit/s
95th percentile per-packet one-way delay: 86.877 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 12.77 Mbit/s
95th percentile per-packet one-way delay: 85.974 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 8.11 Mbit/s
95th percentile per-packet one-way delay: 86.891 ms
Loss rate: 1.73%
-- Flow 3:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 85.089 ms
Loss rate: 3.41%
```

Run 7: Report of LEDBAT — Data Link

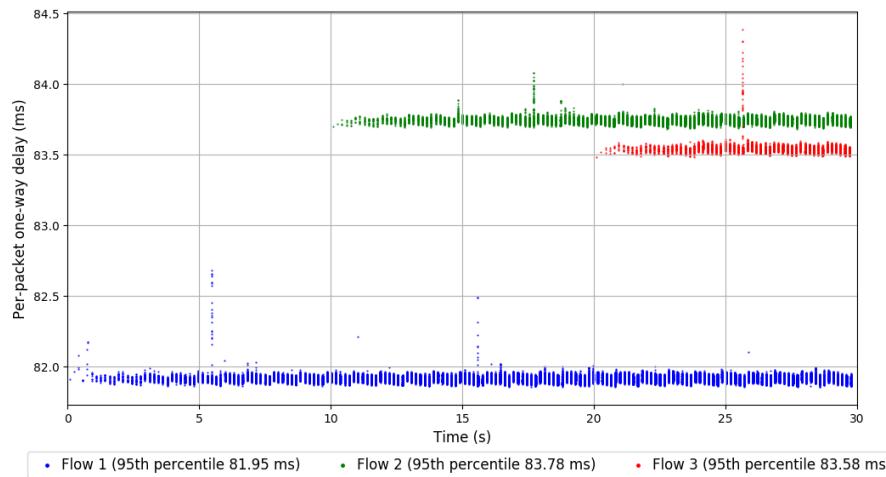
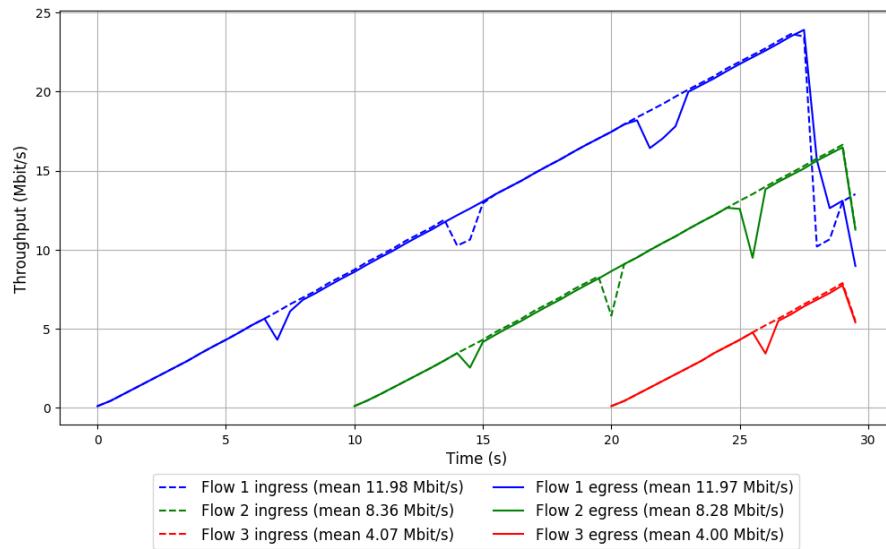


Run 8: Statistics of LEDBAT

```
Start at: 2017-09-18 02:11:37
End at: 2017-09-18 02:12:07
Local clock offset: -1.76 ms
Remote clock offset: -3.623 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 83.765 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 11.97 Mbit/s
95th percentile per-packet one-way delay: 81.949 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 83.778 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 83.576 ms
Loss rate: 3.48%
```

Run 8: Report of LEDBAT — Data Link

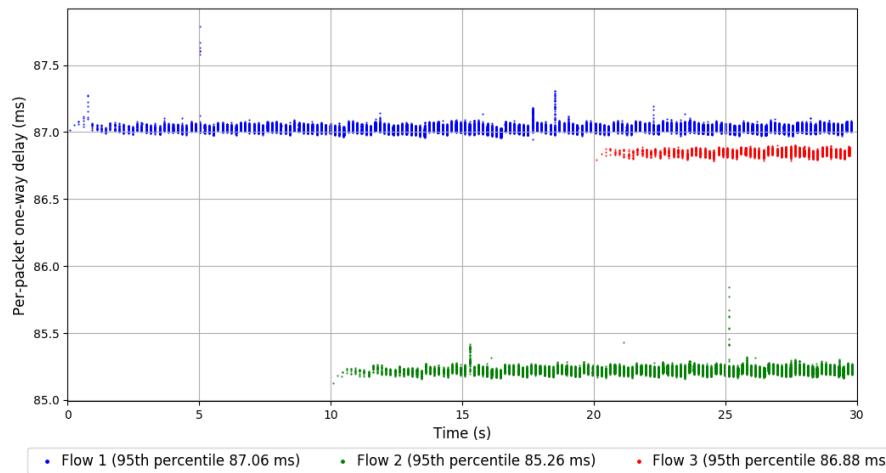
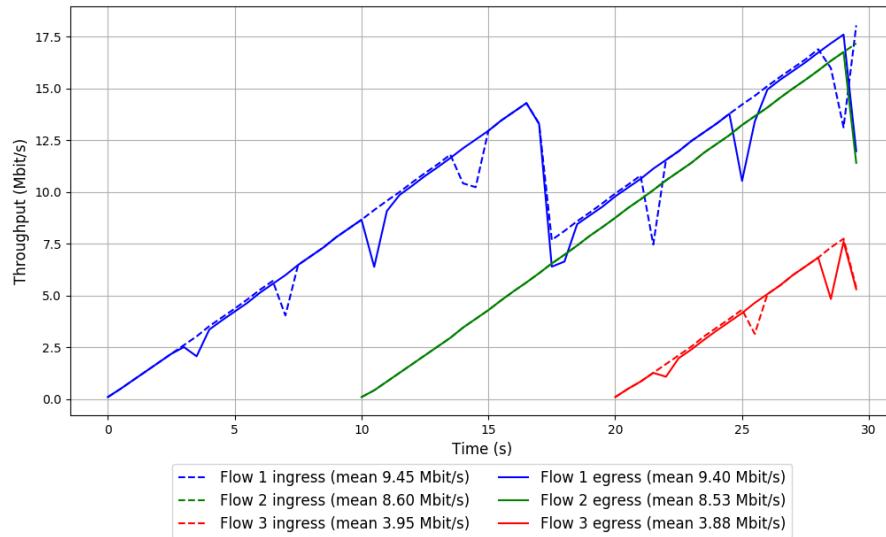


Run 9: Statistics of LEDBAT

```
Start at: 2017-09-18 02:33:21
End at: 2017-09-18 02:33:51
Local clock offset: -1.701 ms
Remote clock offset: -6.647 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.29 Mbit/s
95th percentile per-packet one-way delay: 87.057 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 87.063 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 85.256 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 86.879 ms
Loss rate: 3.53%
```

Run 9: Report of LEDBAT — Data Link

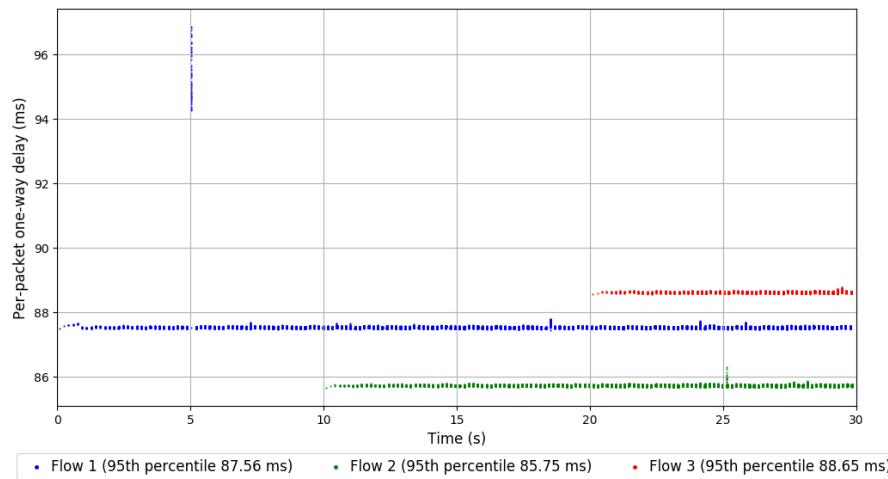
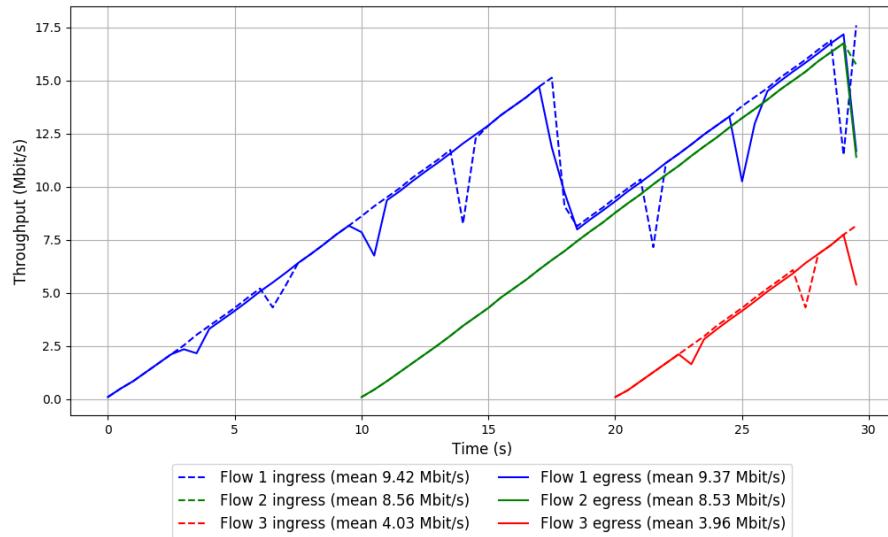


Run 10: Statistics of LEDBAT

```
Start at: 2017-09-18 02:55:12
End at: 2017-09-18 02:55:42
Local clock offset: -1.621 ms
Remote clock offset: -7.162 ms

# Below is generated by plot.py at 2017-09-18 07:32:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.30 Mbit/s
95th percentile per-packet one-way delay: 88.612 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 87.561 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 85.753 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 88.652 ms
Loss rate: 3.48%
```

Run 10: Report of LEDBAT — Data Link

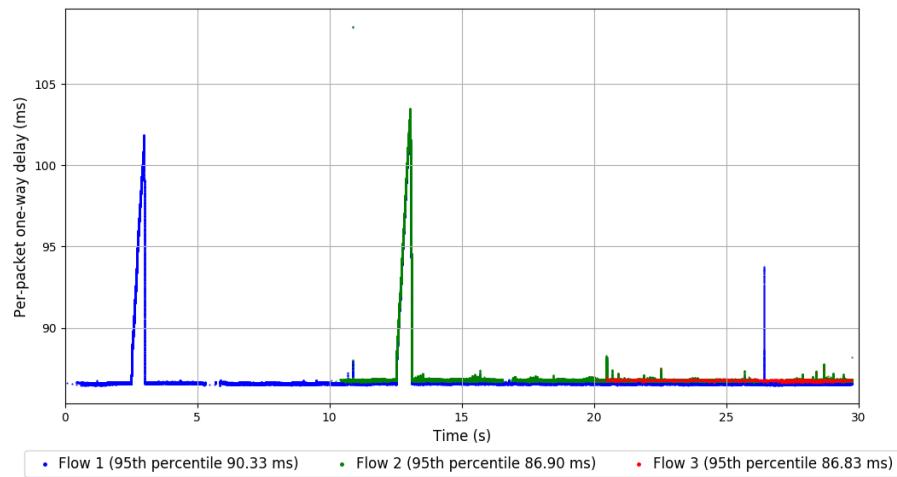
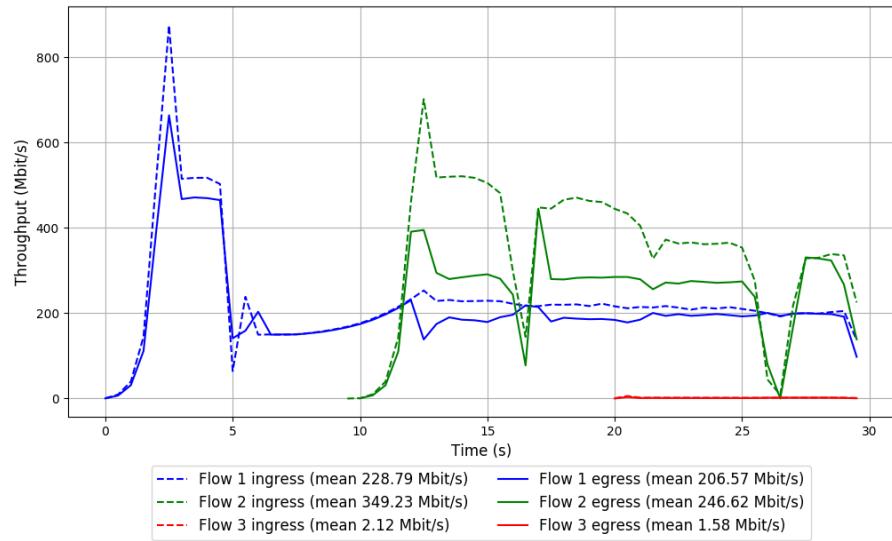


Run 1: Statistics of PCC

```
Start at: 2017-09-17 23:44:56
End at: 2017-09-17 23:45:26
Local clock offset: -3.682 ms
Remote clock offset: -7.383 ms

# Below is generated by plot.py at 2017-09-18 07:34:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 370.76 Mbit/s
95th percentile per-packet one-way delay: 89.097 ms
Loss rate: 20.19%
-- Flow 1:
Average throughput: 206.57 Mbit/s
95th percentile per-packet one-way delay: 90.325 ms
Loss rate: 10.23%
-- Flow 2:
Average throughput: 246.62 Mbit/s
95th percentile per-packet one-way delay: 86.904 ms
Loss rate: 29.98%
-- Flow 3:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 86.833 ms
Loss rate: 26.60%
```

Run 1: Report of PCC — Data Link

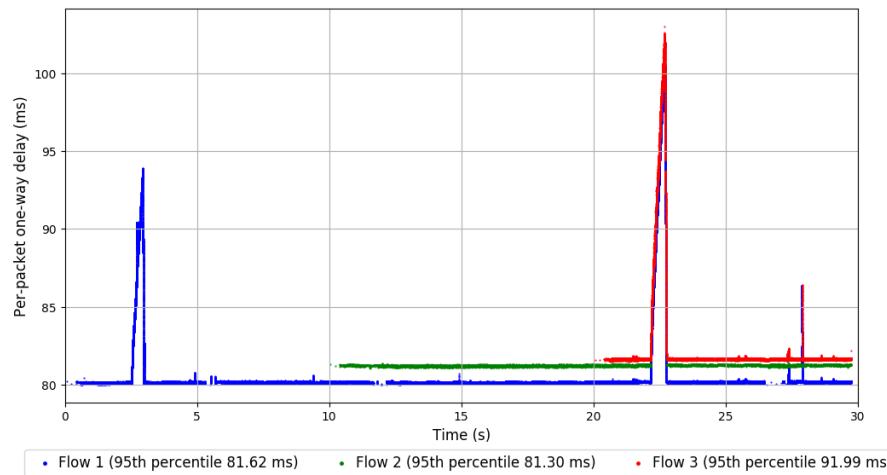
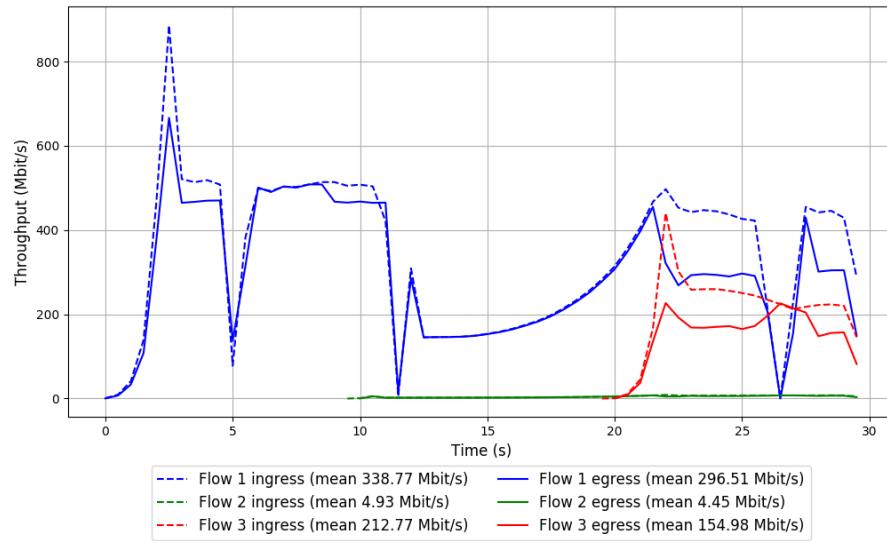


Run 2: Statistics of PCC

```
Start at: 2017-09-18 00:06:22
End at: 2017-09-18 00:06:52
Local clock offset: -2.658 ms
Remote clock offset: -1.639 ms

# Below is generated by plot.py at 2017-09-18 07:34:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 350.03 Mbit/s
95th percentile per-packet one-way delay: 82.886 ms
Loss rate: 15.59%
-- Flow 1:
Average throughput: 296.51 Mbit/s
95th percentile per-packet one-way delay: 81.616 ms
Loss rate: 12.97%
-- Flow 2:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 81.303 ms
Loss rate: 10.57%
-- Flow 3:
Average throughput: 154.98 Mbit/s
95th percentile per-packet one-way delay: 91.991 ms
Loss rate: 28.45%
```

Run 2: Report of PCC — Data Link

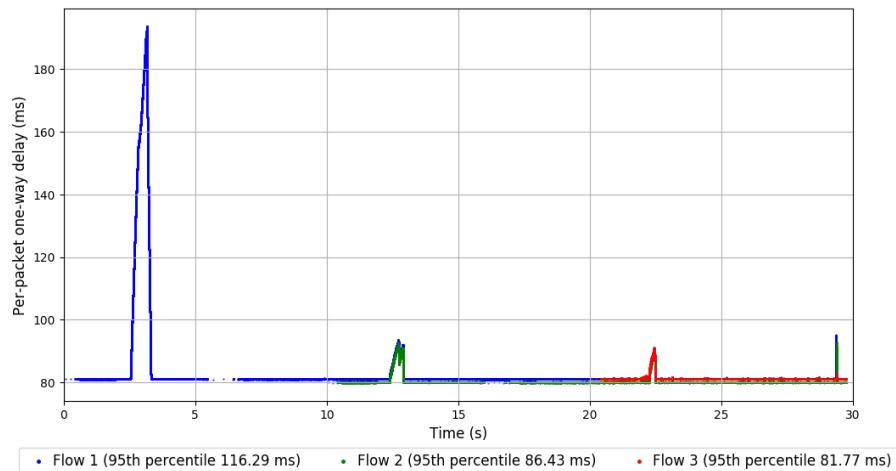
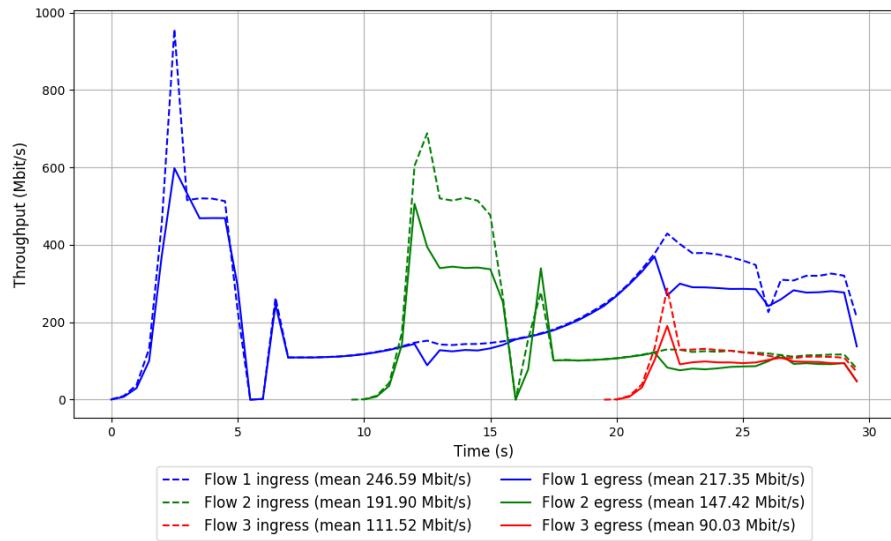


Run 3: Statistics of PCC

```
Start at: 2017-09-18 00:27:53
End at: 2017-09-18 00:28:23
Local clock offset: -3.176 ms
Remote clock offset: -1.022 ms

# Below is generated by plot.py at 2017-09-18 07:34:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 344.57 Mbit/s
95th percentile per-packet one-way delay: 89.939 ms
Loss rate: 16.67%
-- Flow 1:
Average throughput: 217.35 Mbit/s
95th percentile per-packet one-way delay: 116.291 ms
Loss rate: 12.36%
-- Flow 2:
Average throughput: 147.42 Mbit/s
95th percentile per-packet one-way delay: 86.428 ms
Loss rate: 23.83%
-- Flow 3:
Average throughput: 90.03 Mbit/s
95th percentile per-packet one-way delay: 81.765 ms
Loss rate: 20.67%
```

Run 3: Report of PCC — Data Link

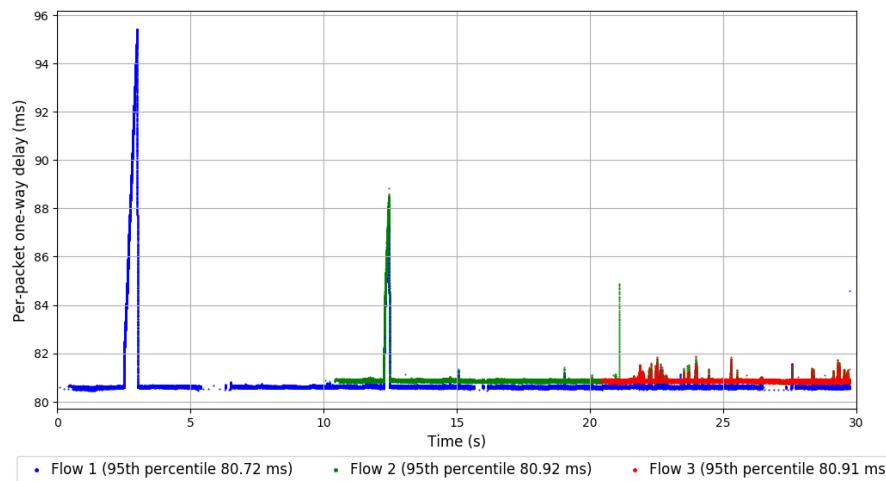
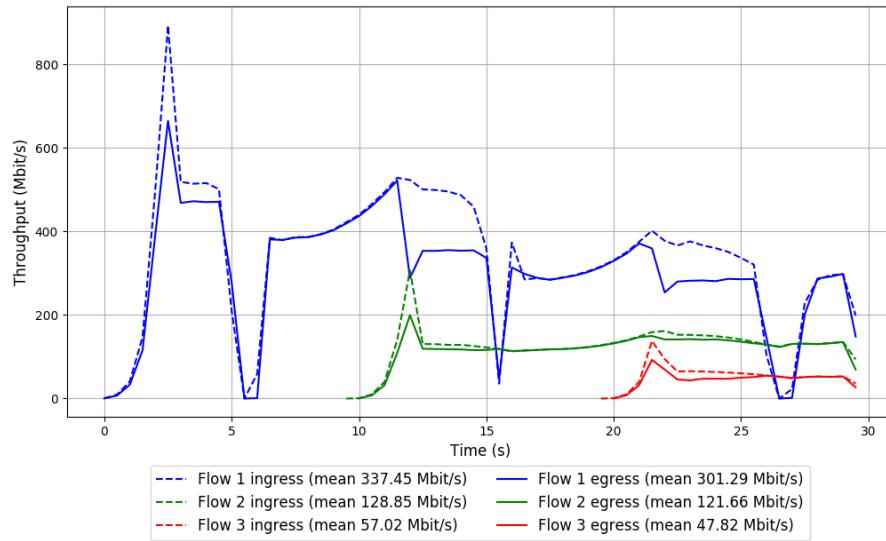


Run 4: Statistics of PCC

```
Start at: 2017-09-18 00:49:14
End at: 2017-09-18 00:49:44
Local clock offset: -3.148 ms
Remote clock offset: -1.338 ms

# Below is generated by plot.py at 2017-09-18 07:35:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 397.58 Mbit/s
95th percentile per-packet one-way delay: 80.915 ms
Loss rate: 10.54%
-- Flow 1:
Average throughput: 301.29 Mbit/s
95th percentile per-packet one-way delay: 80.723 ms
Loss rate: 11.21%
-- Flow 2:
Average throughput: 121.66 Mbit/s
95th percentile per-packet one-way delay: 80.919 ms
Loss rate: 6.38%
-- Flow 3:
Average throughput: 47.82 Mbit/s
95th percentile per-packet one-way delay: 80.913 ms
Loss rate: 17.55%
```

Run 4: Report of PCC — Data Link

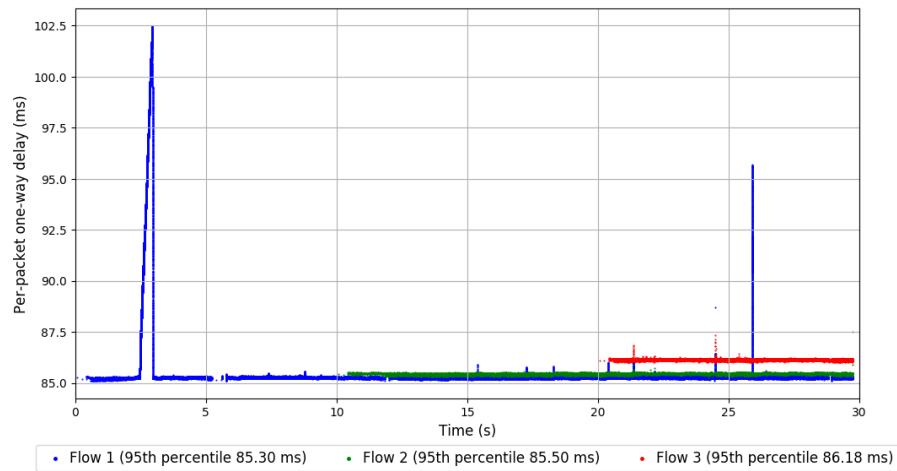
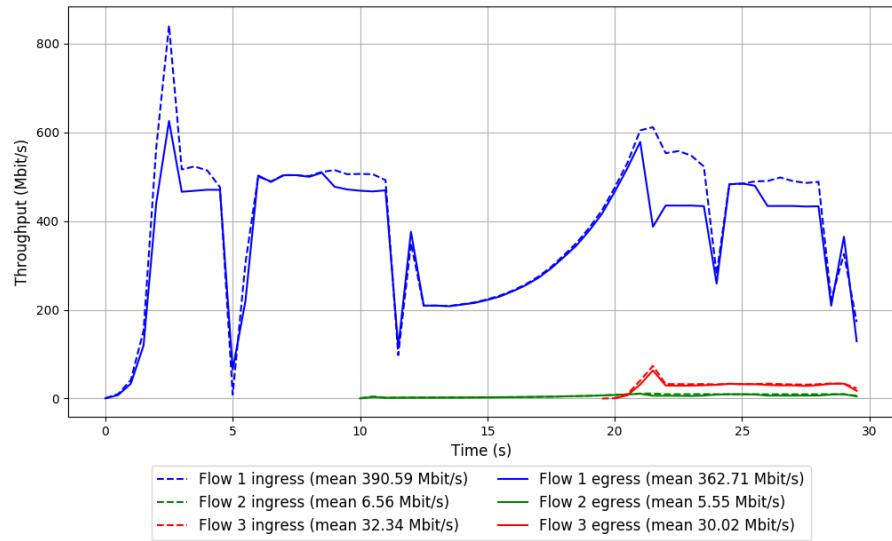


Run 5: Statistics of PCC

```
Start at: 2017-09-18 01:11:02
End at: 2017-09-18 01:11:32
Local clock offset: -2.83 ms
Remote clock offset: -6.371 ms

# Below is generated by plot.py at 2017-09-18 07:35:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 376.16 Mbit/s
95th percentile per-packet one-way delay: 86.117 ms
Loss rate: 7.78%
-- Flow 1:
Average throughput: 362.71 Mbit/s
95th percentile per-packet one-way delay: 85.296 ms
Loss rate: 7.66%
-- Flow 2:
Average throughput: 5.55 Mbit/s
95th percentile per-packet one-way delay: 85.500 ms
Loss rate: 16.22%
-- Flow 3:
Average throughput: 30.02 Mbit/s
95th percentile per-packet one-way delay: 86.180 ms
Loss rate: 8.75%
```

Run 5: Report of PCC — Data Link

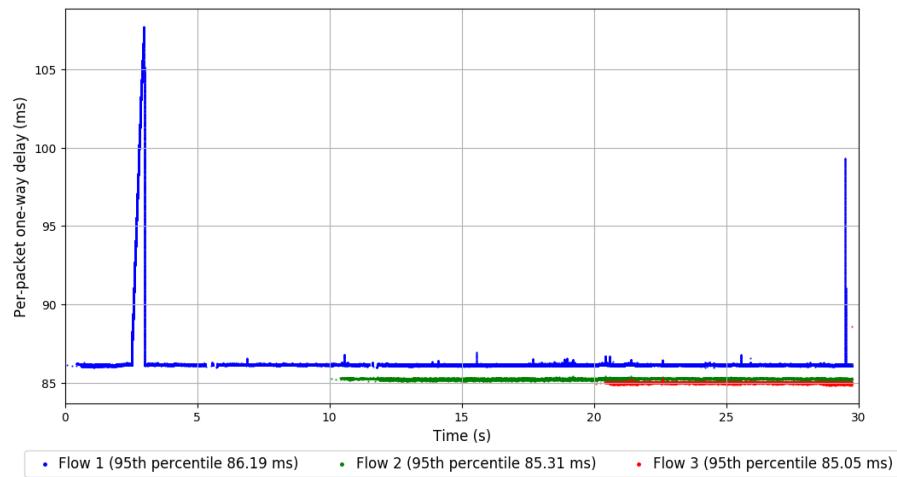
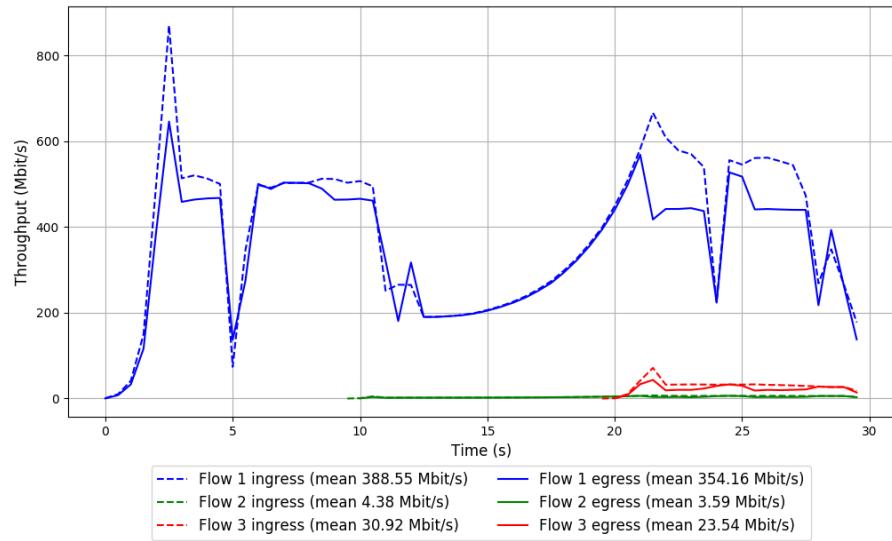


Run 6: Statistics of PCC

```
Start at: 2017-09-18 01:32:33
End at: 2017-09-18 01:33:03
Local clock offset: -2.652 ms
Remote clock offset: -6.375 ms

# Below is generated by plot.py at 2017-09-18 07:35:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 364.18 Mbit/s
95th percentile per-packet one-way delay: 86.194 ms
Loss rate: 9.84%
-- Flow 1:
Average throughput: 354.16 Mbit/s
95th percentile per-packet one-way delay: 86.194 ms
Loss rate: 9.37%
-- Flow 2:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 85.308 ms
Loss rate: 18.76%
-- Flow 3:
Average throughput: 23.54 Mbit/s
95th percentile per-packet one-way delay: 85.048 ms
Loss rate: 25.13%
```

Run 6: Report of PCC — Data Link

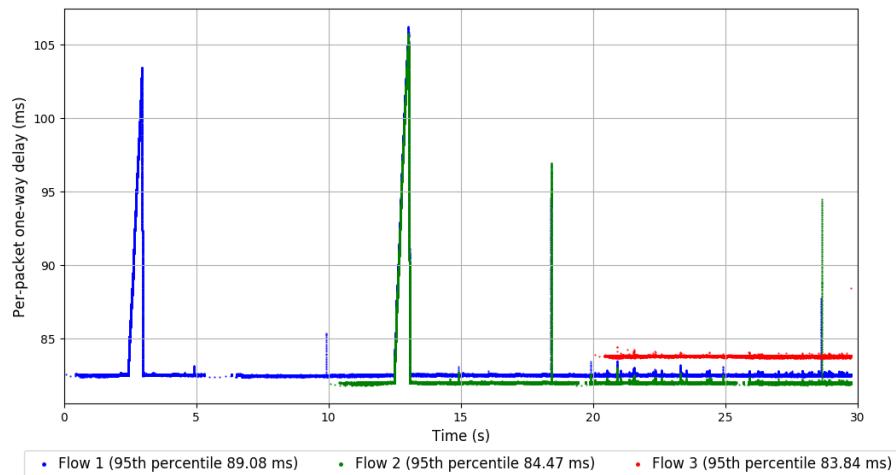
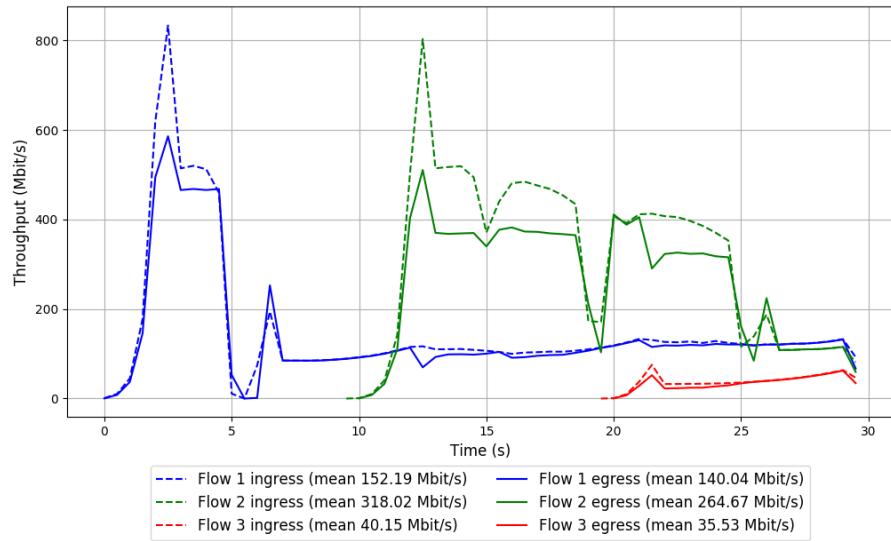


Run 7: Statistics of PCC

```
Start at: 2017-09-18 01:54:09
End at: 2017-09-18 01:54:39
Local clock offset: -1.871 ms
Remote clock offset: -2.315 ms

# Below is generated by plot.py at 2017-09-18 07:36:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 327.23 Mbit/s
95th percentile per-packet one-way delay: 87.337 ms
Loss rate: 13.70%
-- Flow 1:
Average throughput: 140.04 Mbit/s
95th percentile per-packet one-way delay: 89.084 ms
Loss rate: 8.51%
-- Flow 2:
Average throughput: 264.67 Mbit/s
95th percentile per-packet one-way delay: 84.471 ms
Loss rate: 17.49%
-- Flow 3:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: 83.840 ms
Loss rate: 13.01%
```

Run 7: Report of PCC — Data Link

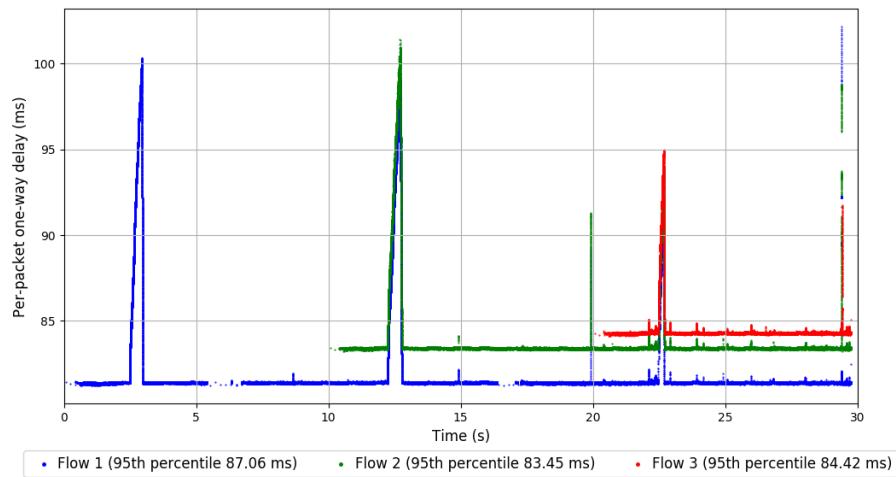
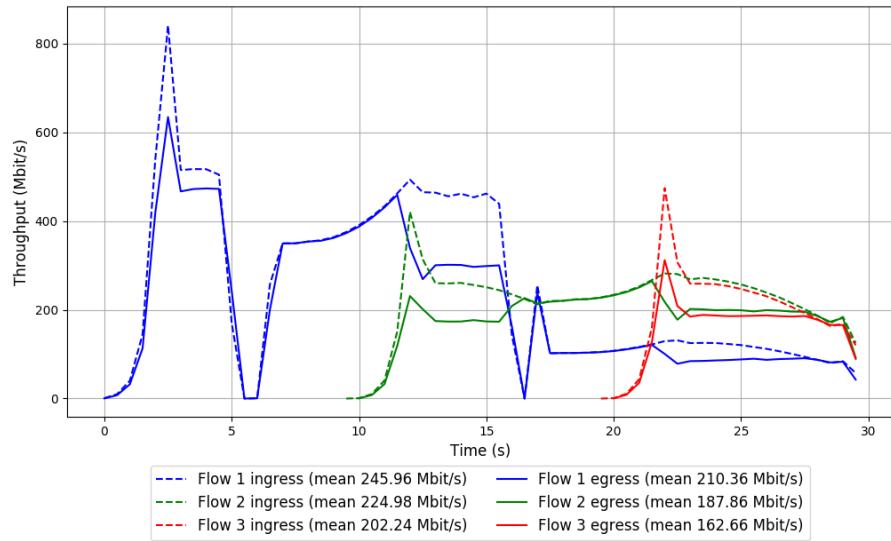


Run 8: Statistics of PCC

```
Start at: 2017-09-18 02:15:44
End at: 2017-09-18 02:16:14
Local clock offset: -1.722 ms
Remote clock offset: -3.227 ms

# Below is generated by plot.py at 2017-09-18 07:38:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 388.13 Mbit/s
95th percentile per-packet one-way delay: 85.286 ms
Loss rate: 16.55%
-- Flow 1:
Average throughput: 210.36 Mbit/s
95th percentile per-packet one-way delay: 87.057 ms
Loss rate: 14.95%
-- Flow 2:
Average throughput: 187.86 Mbit/s
95th percentile per-packet one-way delay: 83.446 ms
Loss rate: 17.21%
-- Flow 3:
Average throughput: 162.66 Mbit/s
95th percentile per-packet one-way delay: 84.422 ms
Loss rate: 20.96%
```

Run 8: Report of PCC — Data Link

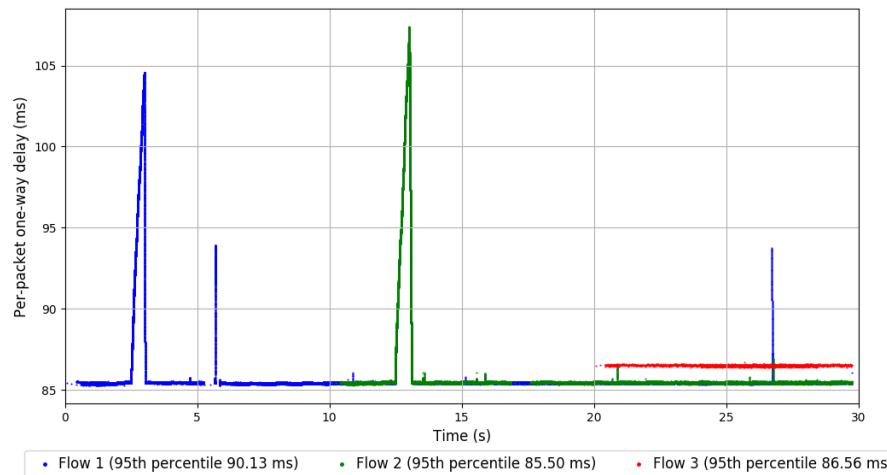
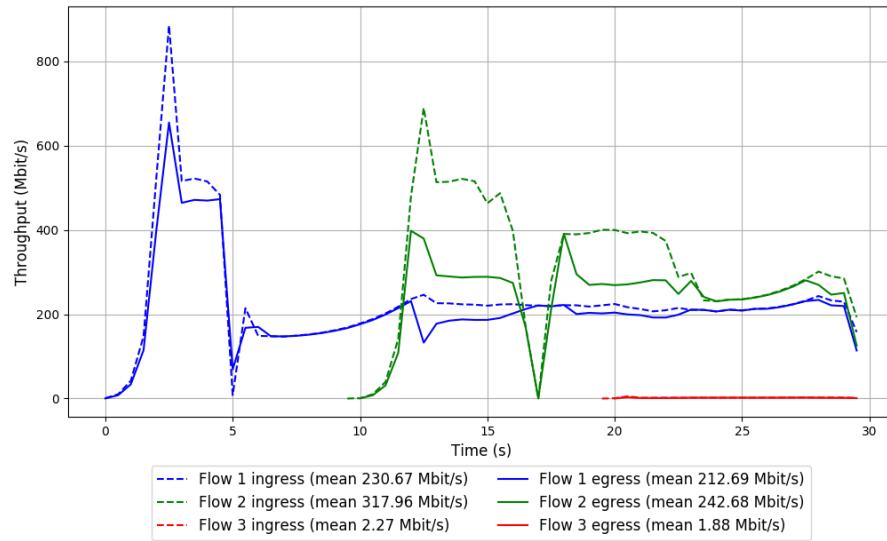


Run 9: Statistics of PCC

```
Start at: 2017-09-18 02:37:26
End at: 2017-09-18 02:37:56
Local clock offset: -1.706 ms
Remote clock offset: -6.835 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 374.36 Mbit/s
95th percentile per-packet one-way delay: 88.615 ms
Loss rate: 15.98%
-- Flow 1:
Average throughput: 212.69 Mbit/s
95th percentile per-packet one-way delay: 90.130 ms
Loss rate: 8.31%
-- Flow 2:
Average throughput: 242.68 Mbit/s
95th percentile per-packet one-way delay: 85.503 ms
Loss rate: 24.32%
-- Flow 3:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 86.556 ms
Loss rate: 18.84%
```

Run 9: Report of PCC — Data Link

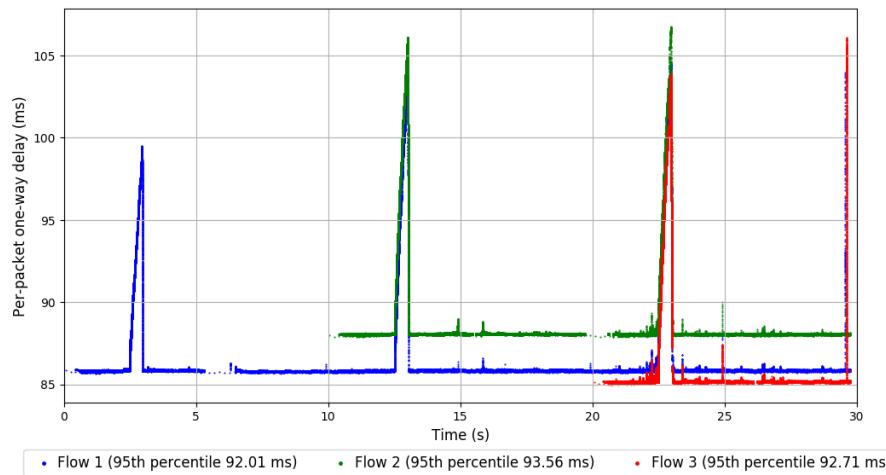
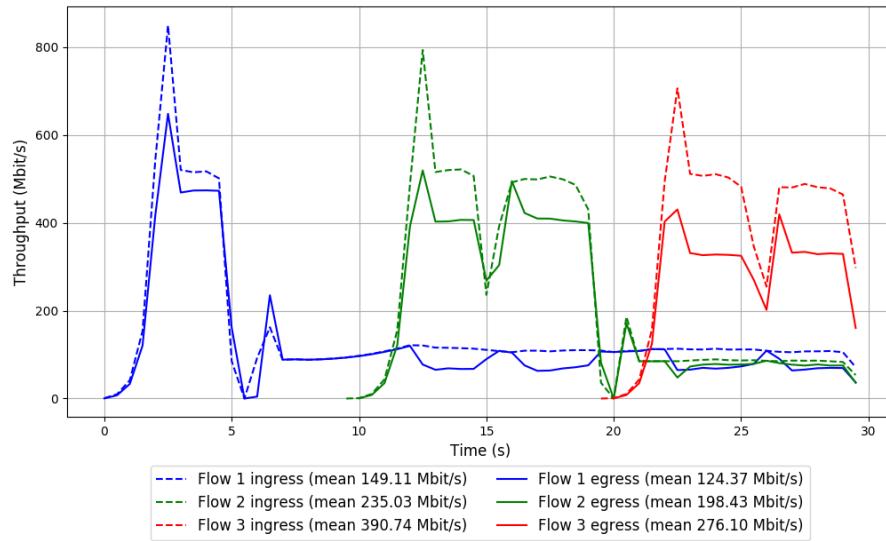


Run 10: Statistics of PCC

```
Start at: 2017-09-18 02:59:06
End at: 2017-09-18 02:59:36
Local clock offset: -1.522 ms
Remote clock offset: -6.551 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 346.18 Mbit/s
95th percentile per-packet one-way delay: 92.560 ms
Loss rate: 20.80%
-- Flow 1:
Average throughput: 124.37 Mbit/s
95th percentile per-packet one-way delay: 92.012 ms
Loss rate: 17.06%
-- Flow 2:
Average throughput: 198.43 Mbit/s
95th percentile per-packet one-way delay: 93.565 ms
Loss rate: 16.30%
-- Flow 3:
Average throughput: 276.10 Mbit/s
95th percentile per-packet one-way delay: 92.709 ms
Loss rate: 30.57%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

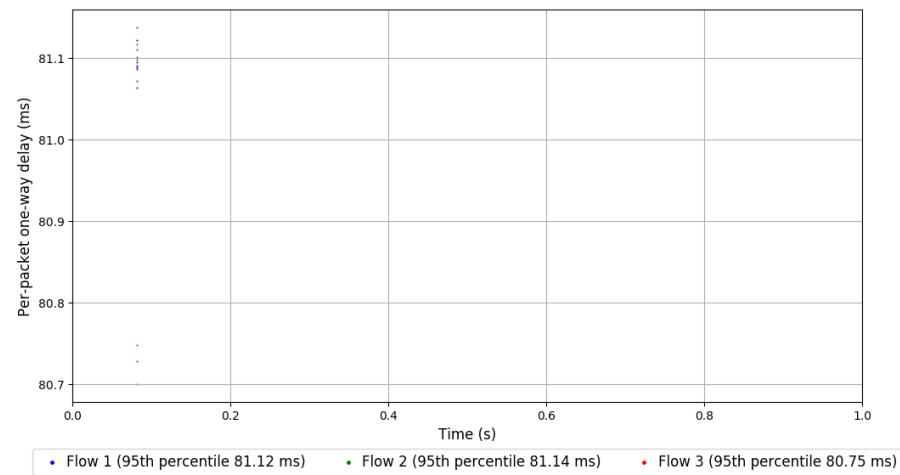
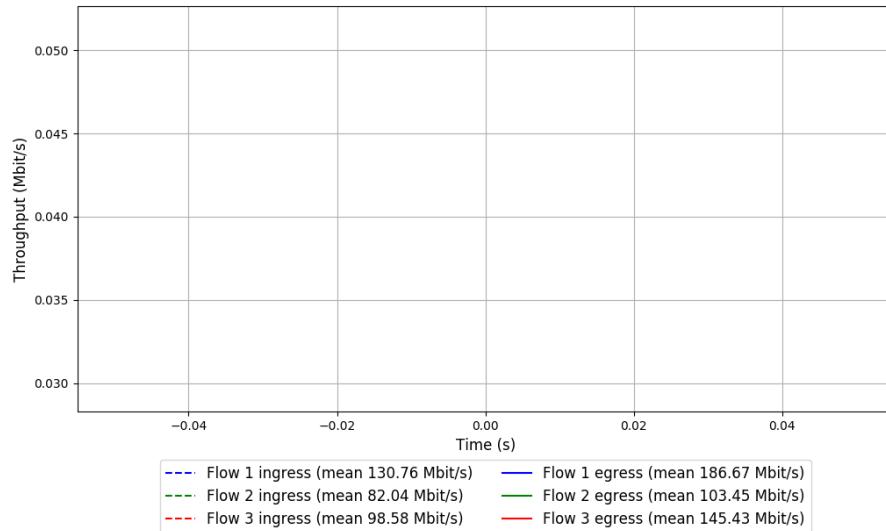
Start at: 2017-09-17 23:36:37

End at: 2017-09-17 23:37:07

Local clock offset: -4.968 ms

Remote clock offset: -2.511 ms

Run 1: Report of QUIC Cubic — Data Link

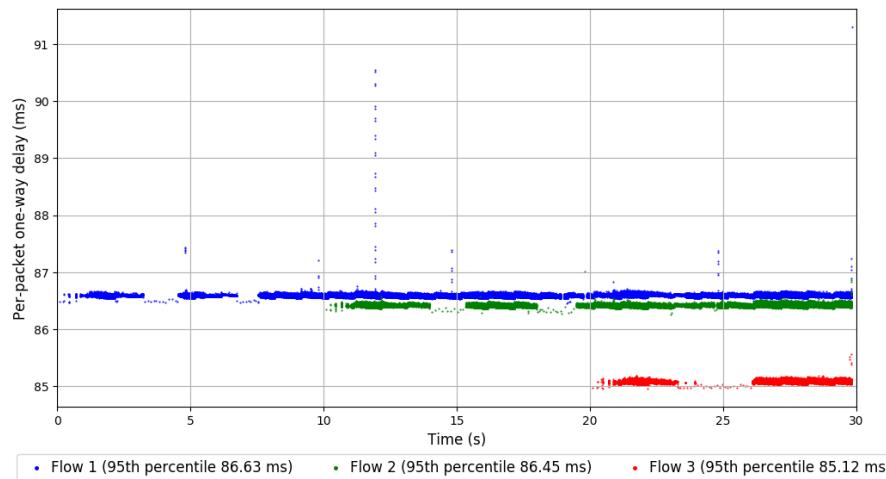
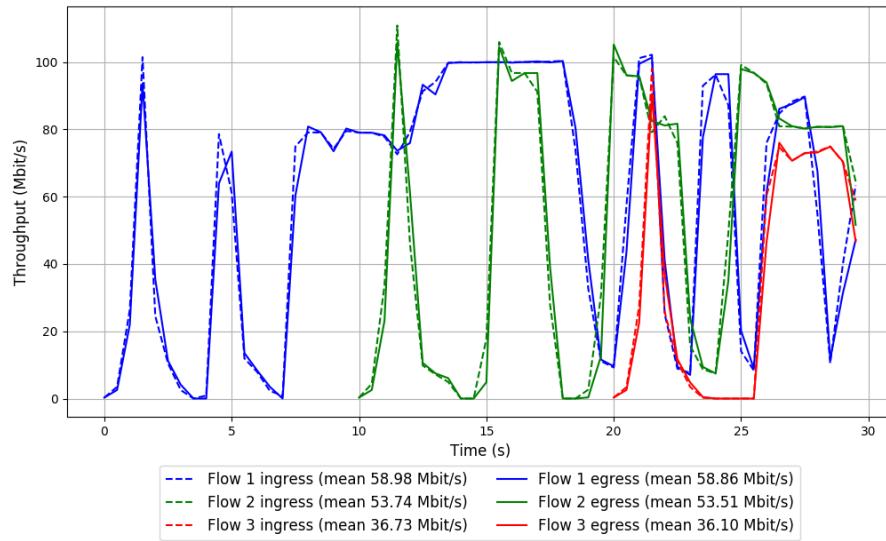


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-09-17 23:57:57
End at: 2017-09-17 23:58:27
Local clock offset: -2.675 ms
Remote clock offset: -6.789 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 106.15 Mbit/s
95th percentile per-packet one-way delay: 86.619 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 86.626 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 86.455 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 85.120 ms
Loss rate: 3.39%
```

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

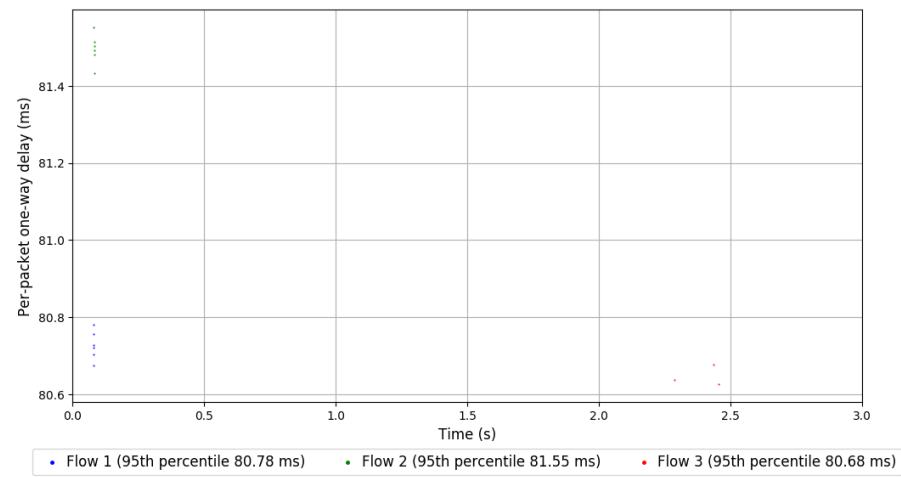
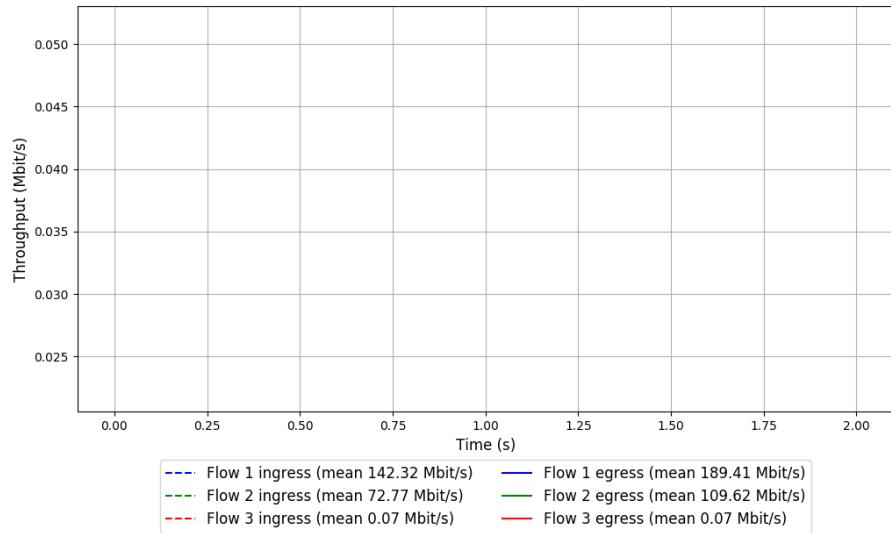
Start at: 2017-09-18 00:19:34

End at: 2017-09-18 00:20:04

Local clock offset: -3.108 ms

Remote clock offset: -1.581 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

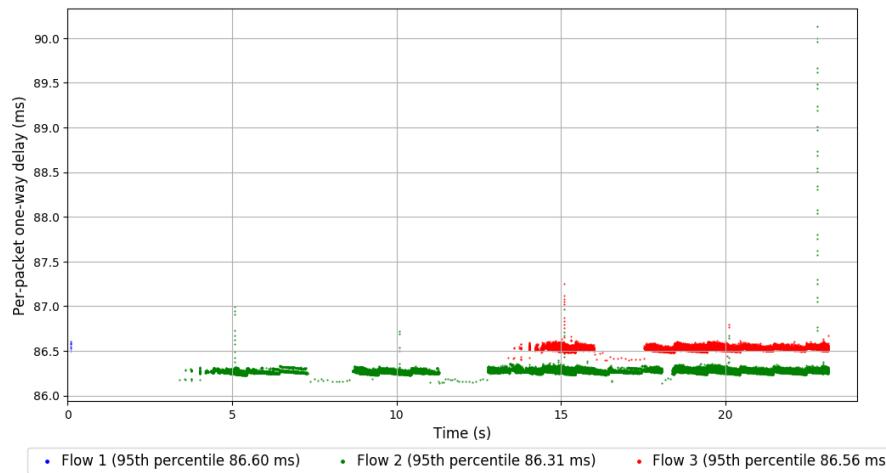
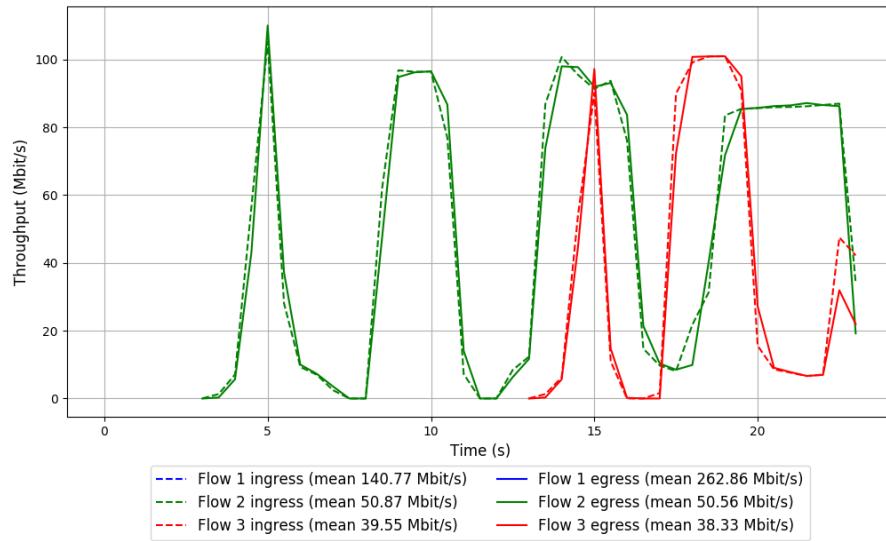
Start at: 2017-09-18 00:41:03

End at: 2017-09-18 00:41:33

Local clock offset: -3.066 ms

Remote clock offset: -5.834 ms

Run 4: Report of QUIC Cubic — Data Link

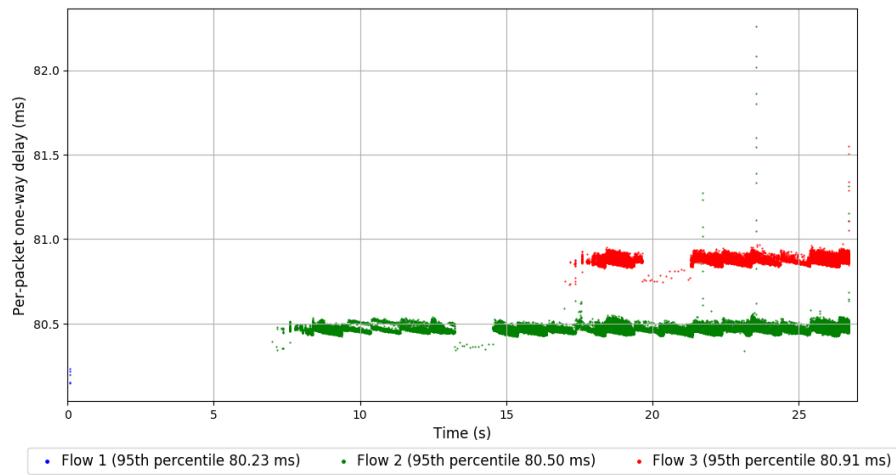
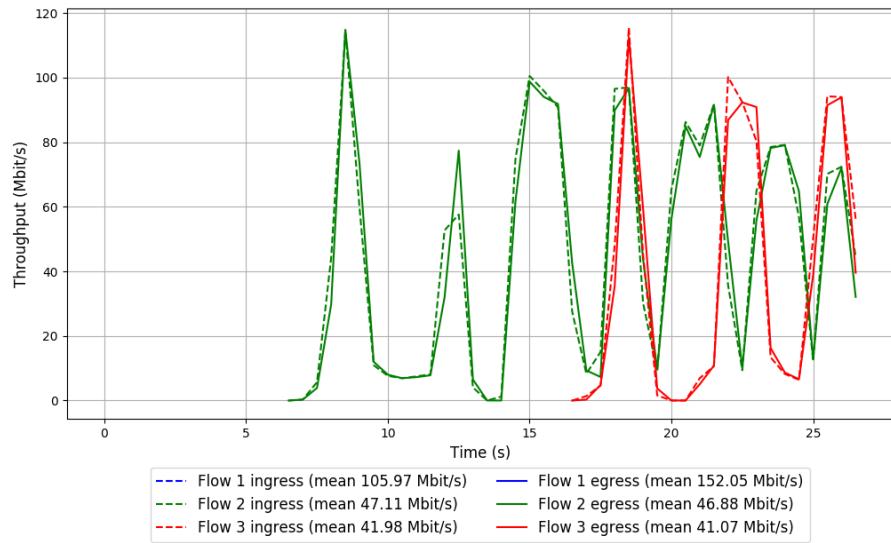


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-09-18 01:02:33
End at: 2017-09-18 01:03:03
Local clock offset: -2.86 ms
Remote clock offset: -1.522 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 49.69 Mbit/s
95th percentile per-packet one-way delay: 80.894 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 152.05 Mbit/s
95th percentile per-packet one-way delay: 80.234 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.88 Mbit/s
95th percentile per-packet one-way delay: 80.500 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 41.07 Mbit/s
95th percentile per-packet one-way delay: 80.912 ms
Loss rate: 3.83%
```

Run 5: Report of QUIC Cubic — Data Link

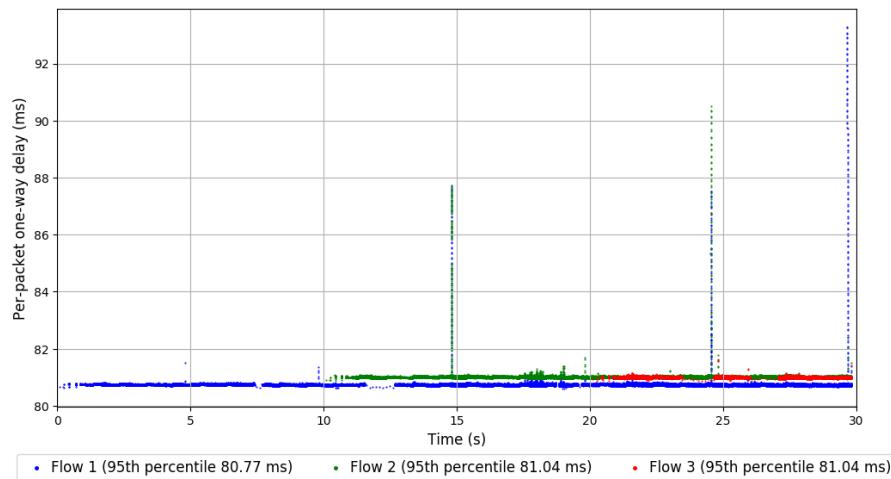
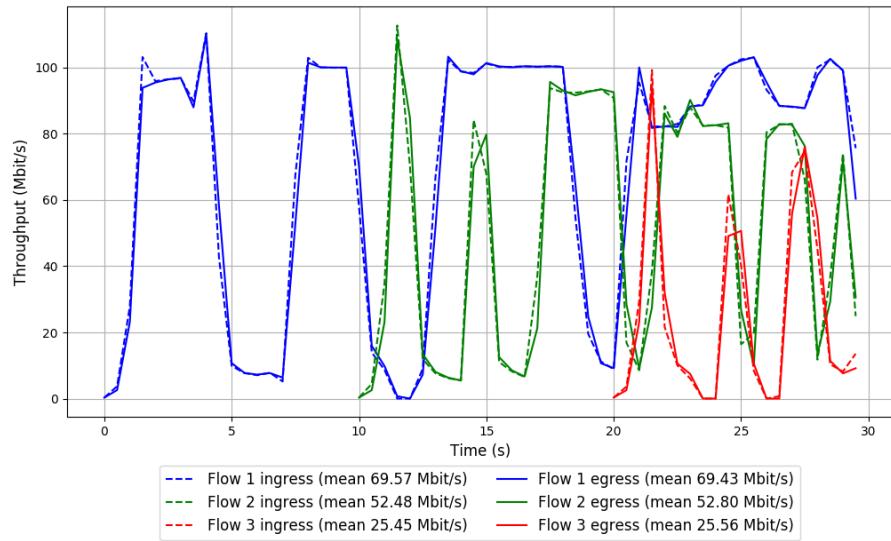


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-09-18 01:23:59
End at: 2017-09-18 01:24:29
Local clock offset: -3.066 ms
Remote clock offset: -1.976 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 112.79 Mbit/s
95th percentile per-packet one-way delay: 81.028 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 69.43 Mbit/s
95th percentile per-packet one-way delay: 80.767 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 52.80 Mbit/s
95th percentile per-packet one-way delay: 81.041 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 25.56 Mbit/s
95th percentile per-packet one-way delay: 81.037 ms
Loss rate: 1.27%
```

Run 6: Report of QUIC Cubic — Data Link

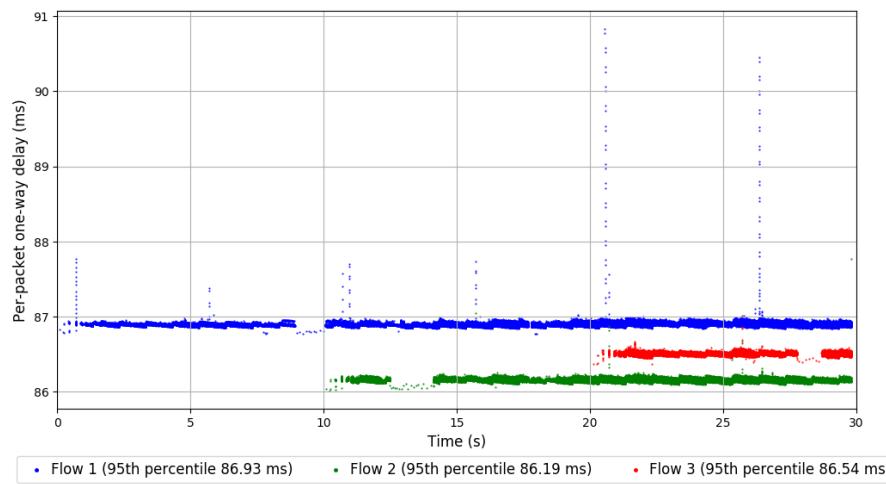
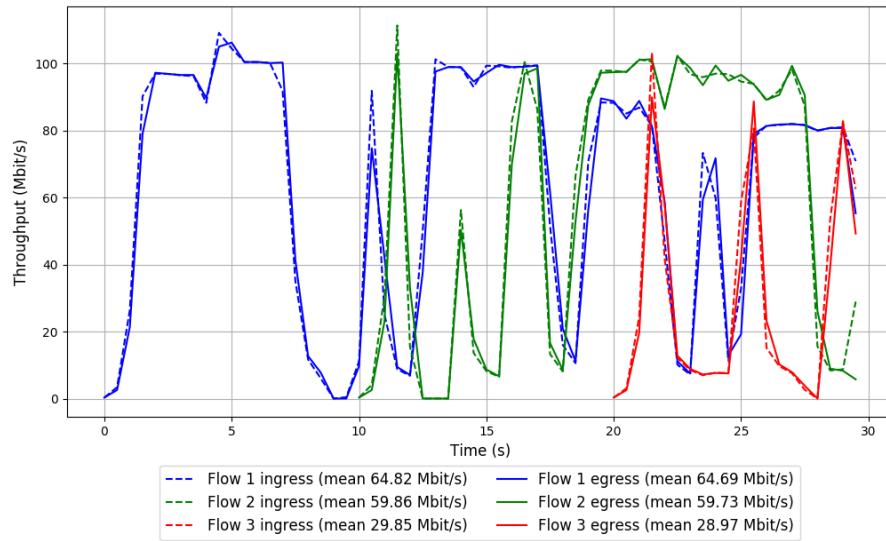


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-09-18 01:45:45
End at: 2017-09-18 01:46:15
Local clock offset: -2.165 ms
Remote clock offset: -6.511 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 113.77 Mbit/s
95th percentile per-packet one-way delay: 86.920 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 64.69 Mbit/s
95th percentile per-packet one-way delay: 86.928 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 59.73 Mbit/s
95th percentile per-packet one-way delay: 86.190 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 28.97 Mbit/s
95th percentile per-packet one-way delay: 86.539 ms
Loss rate: 4.62%
```

Run 7: Report of QUIC Cubic — Data Link

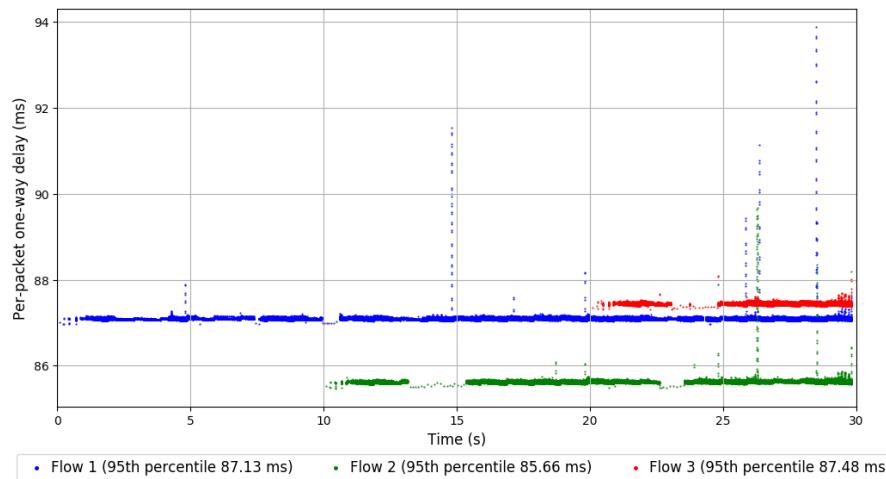
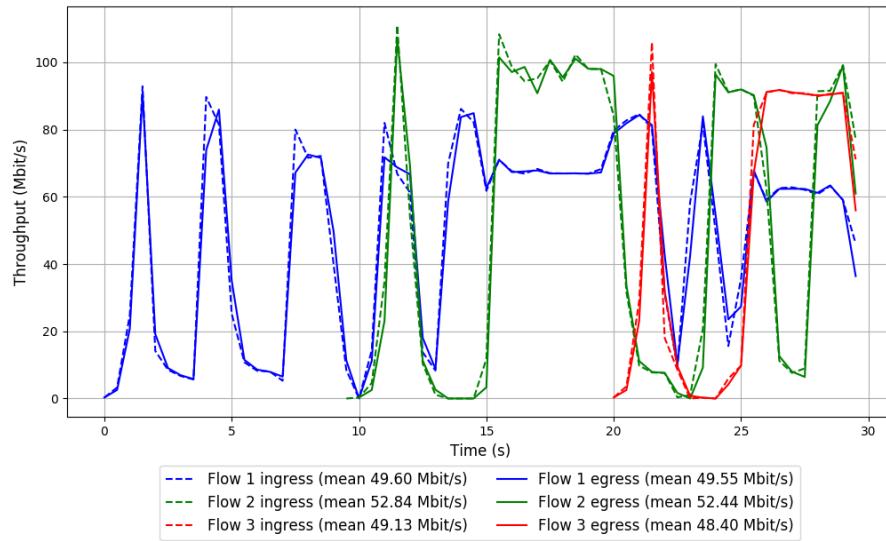


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-09-18 02:07:22
End at: 2017-09-18 02:07:52
Local clock offset: -1.852 ms
Remote clock offset: -7.598 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.14 Mbit/s
95th percentile per-packet one-way delay: 87.455 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 49.55 Mbit/s
95th percentile per-packet one-way delay: 87.132 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 52.44 Mbit/s
95th percentile per-packet one-way delay: 85.661 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 48.40 Mbit/s
95th percentile per-packet one-way delay: 87.482 ms
Loss rate: 3.19%
```

Run 8: Report of QUIC Cubic — Data Link

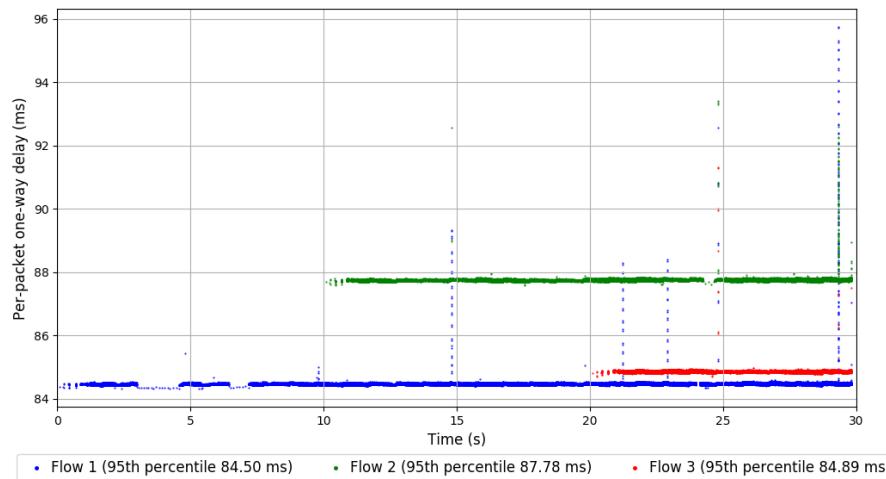
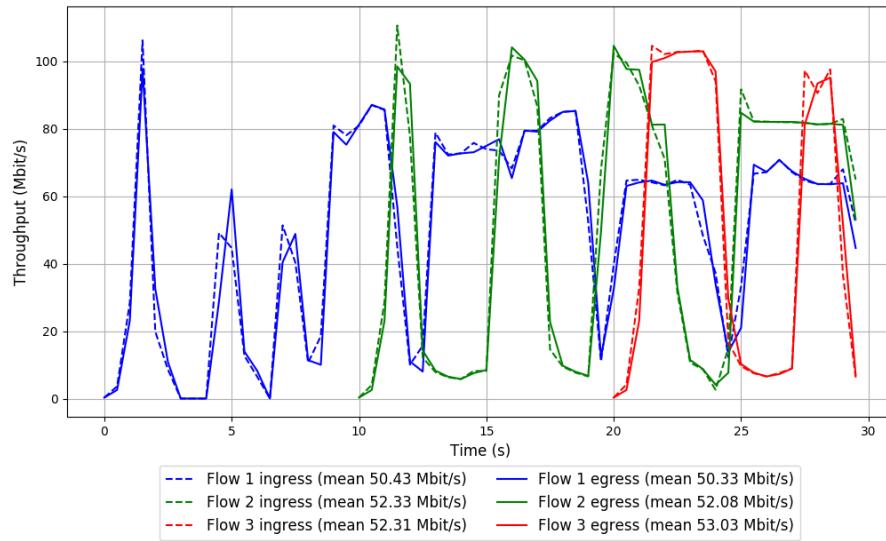


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-09-18 02:29:05
End at: 2017-09-18 02:29:35
Local clock offset: -1.686 ms
Remote clock offset: -6.329 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 102.21 Mbit/s
95th percentile per-packet one-way delay: 87.770 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 50.33 Mbit/s
95th percentile per-packet one-way delay: 84.500 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 52.08 Mbit/s
95th percentile per-packet one-way delay: 87.784 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 84.887 ms
Loss rate: 0.15%
```

Run 9: Report of QUIC Cubic — Data Link

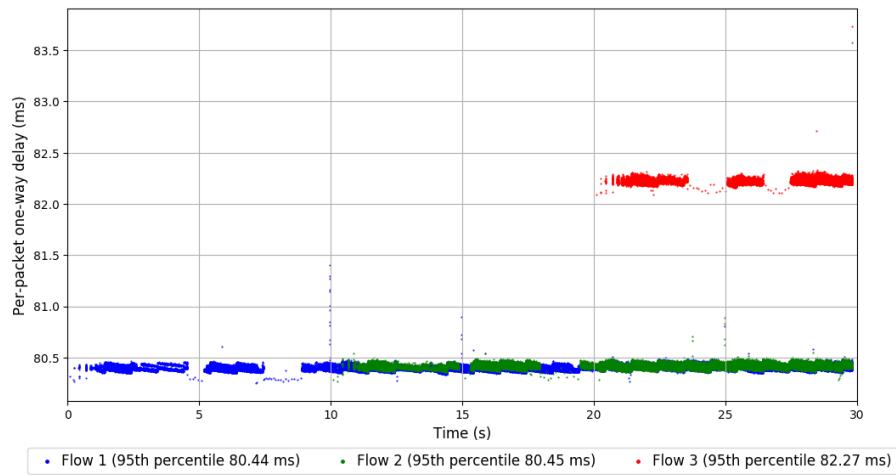
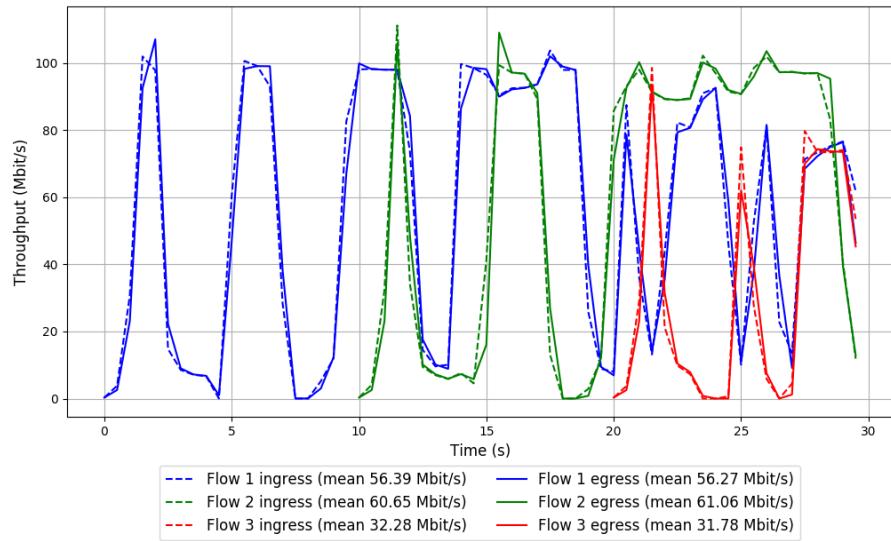


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-09-18 02:50:53
End at: 2017-09-18 02:51:23
Local clock offset: -1.687 ms
Remote clock offset: -1.904 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 107.13 Mbit/s
95th percentile per-packet one-way delay: 82.224 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 80.439 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 61.06 Mbit/s
95th percentile per-packet one-way delay: 80.451 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 82.267 ms
Loss rate: 3.24%
```

Run 10: Report of QUIC Cubic — Data Link

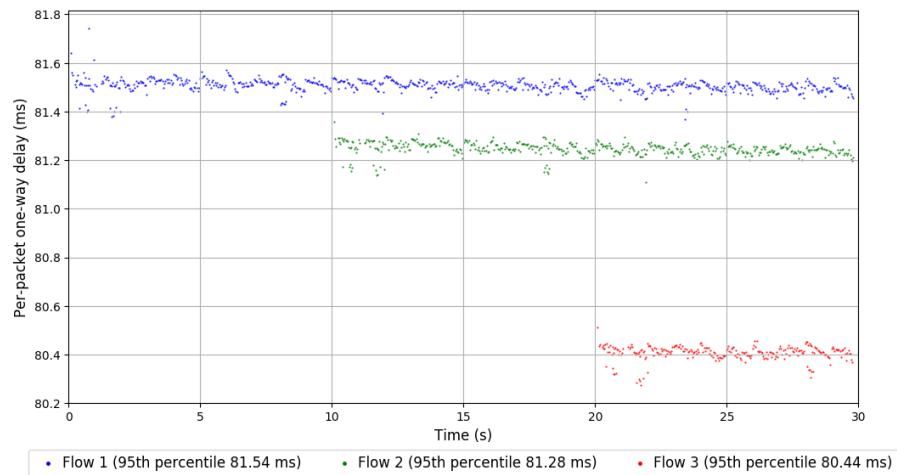
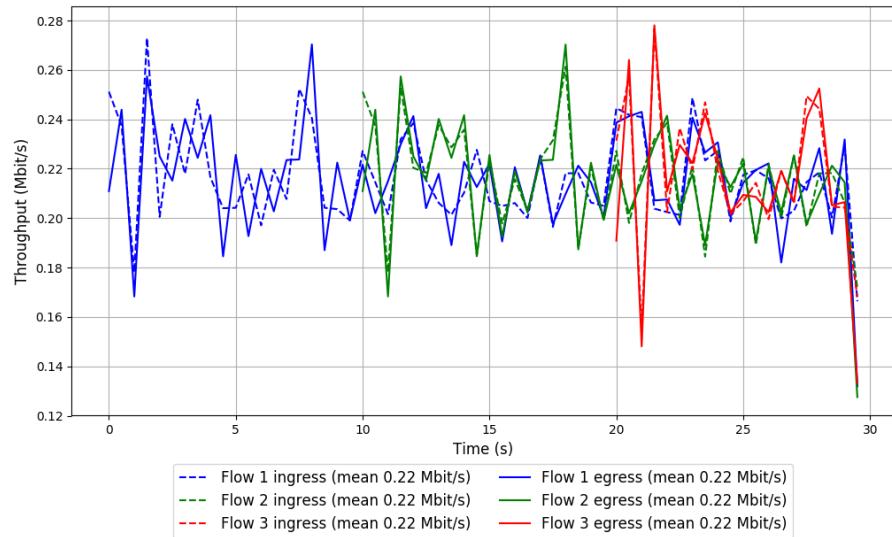


Run 1: Statistics of SCReAM

```
Start at: 2017-09-17 23:47:41
End at: 2017-09-17 23:48:11
Local clock offset: -3.336 ms
Remote clock offset: -1.738 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 81.534 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.541 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.284 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.441 ms
Loss rate: 1.53%
```

Run 1: Report of SCReAM — Data Link

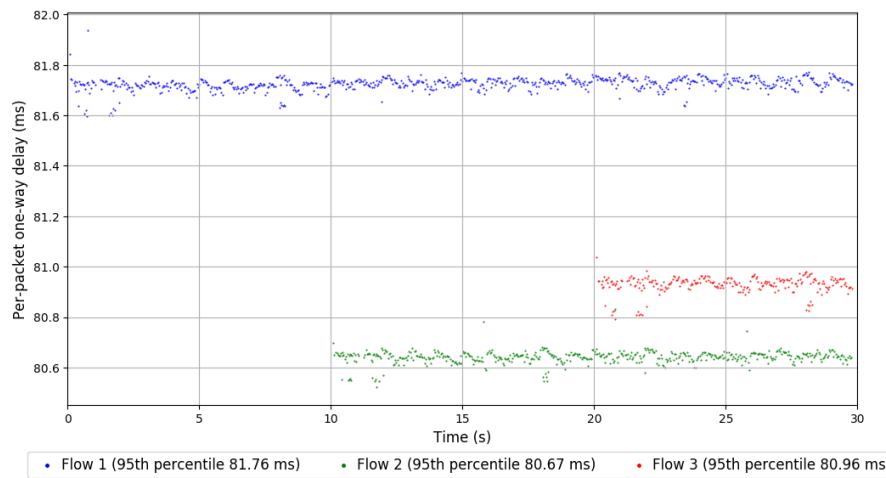
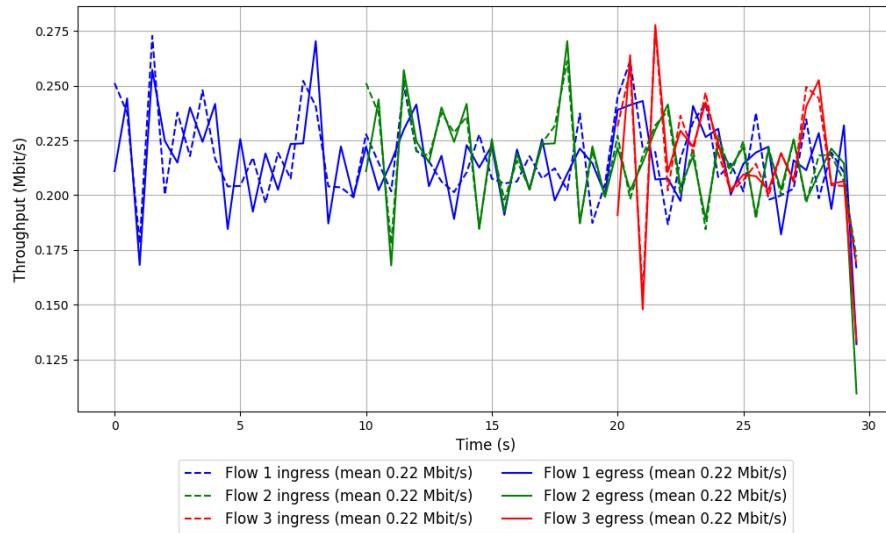


Run 2: Statistics of SCReAM

```
Start at: 2017-09-18 00:09:05
End at: 2017-09-18 00:09:35
Local clock offset: -2.701 ms
Remote clock offset: -1.676 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 81.750 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.756 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.671 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.964 ms
Loss rate: 1.53%
```

Run 2: Report of SCReAM — Data Link

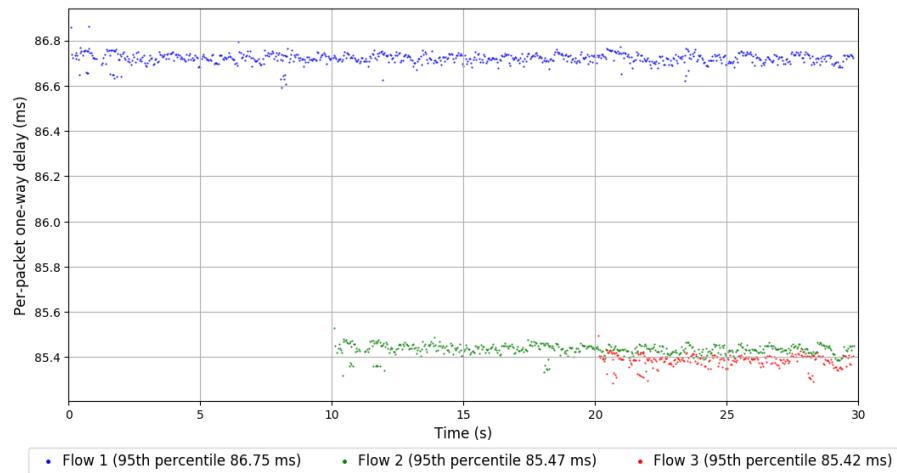
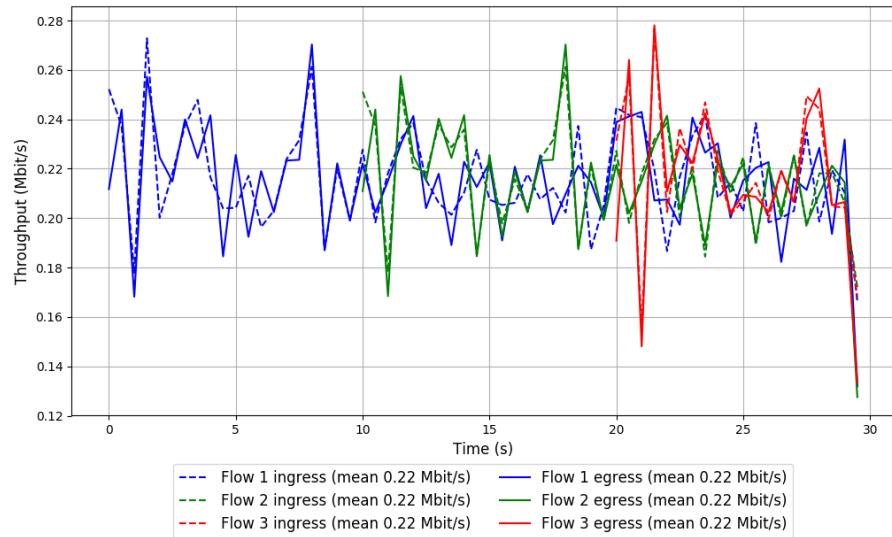


Run 3: Statistics of SCReAM

```
Start at: 2017-09-18 00:30:38
End at: 2017-09-18 00:31:08
Local clock offset: -3.14 ms
Remote clock offset: -6.204 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.747 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.753 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.465 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.419 ms
Loss rate: 1.53%
```

Run 3: Report of SCReAM — Data Link

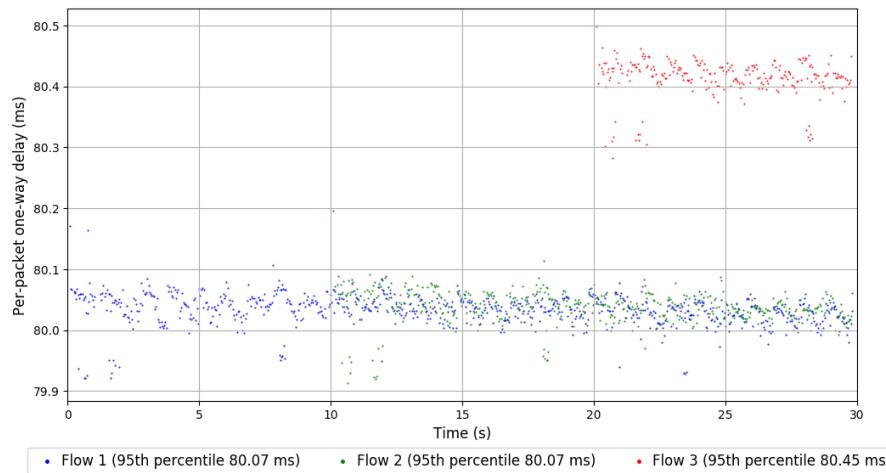
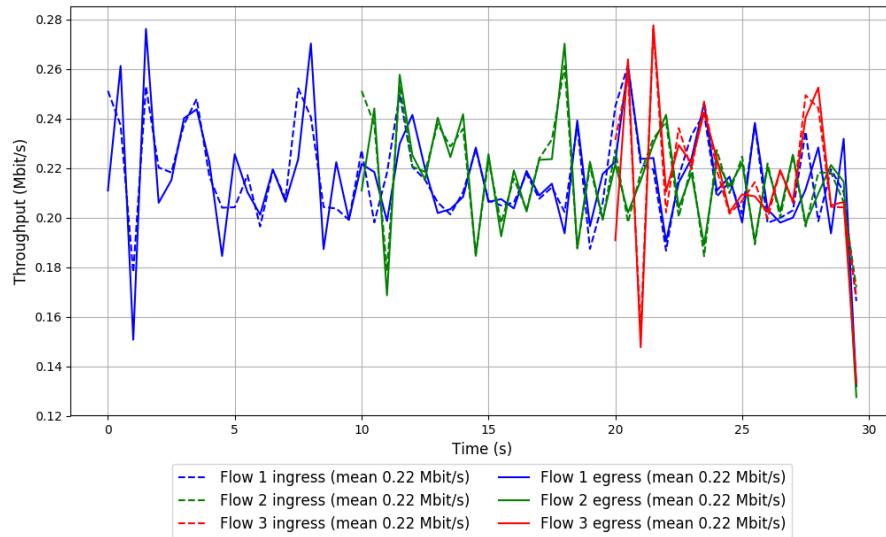


Run 4: Statistics of SCReAM

```
Start at: 2017-09-18 00:51:59
End at: 2017-09-18 00:52:29
Local clock offset: -3.022 ms
Remote clock offset: -0.898 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 80.430 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.066 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.074 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.449 ms
Loss rate: 1.53%
```

Run 4: Report of SCReAM — Data Link

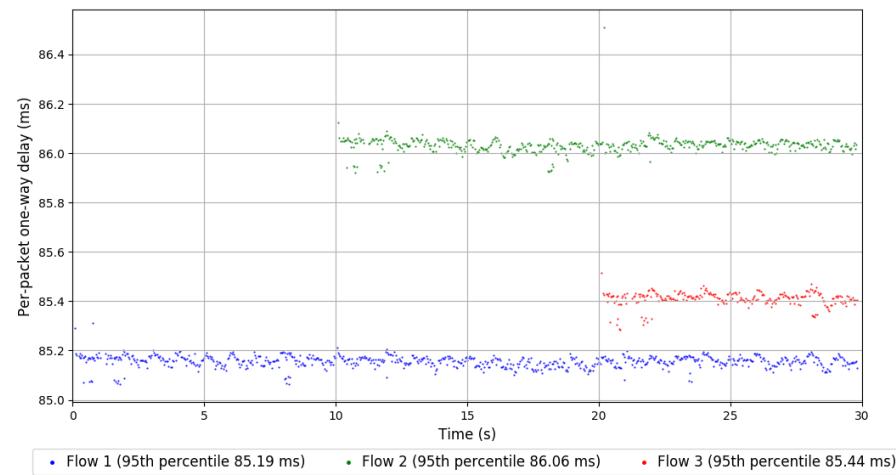
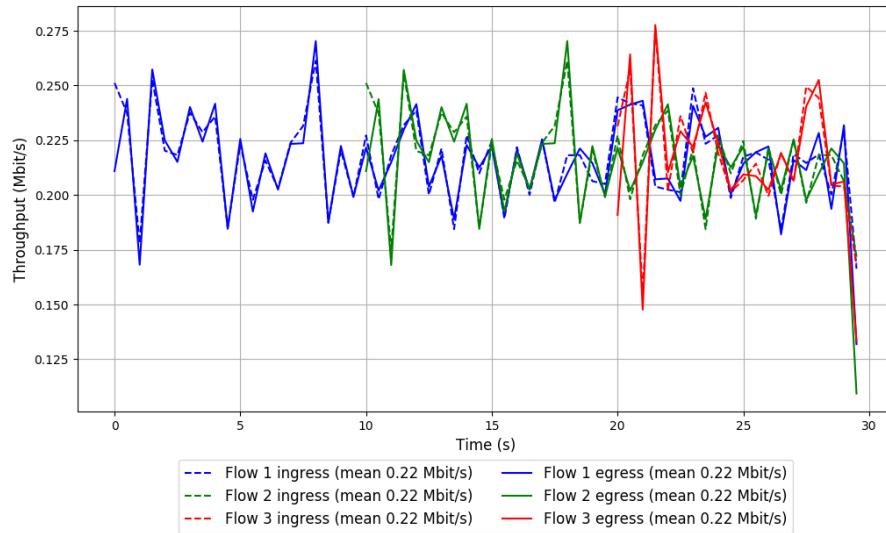


Run 5: Statistics of SCReAM

```
Start at: 2017-09-18 01:13:46
End at: 2017-09-18 01:14:16
Local clock offset: -2.841 ms
Remote clock offset: -6.085 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.052 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.188 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.060 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.444 ms
Loss rate: 1.53%
```

Run 5: Report of SCReAM — Data Link

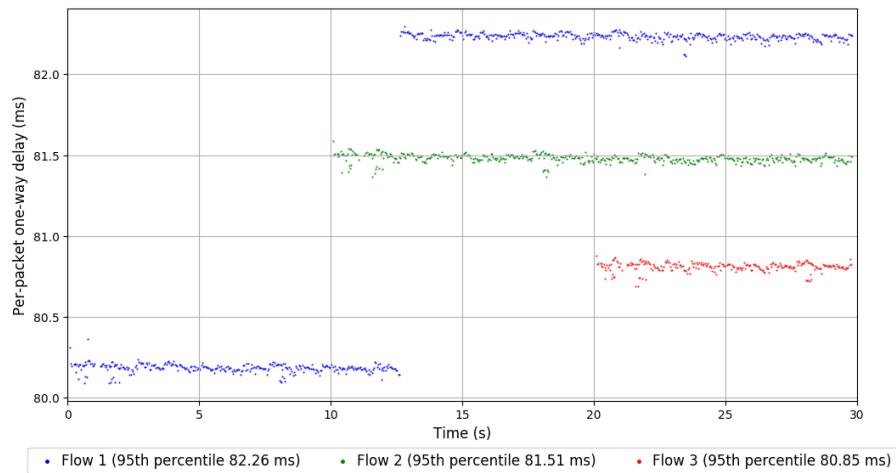
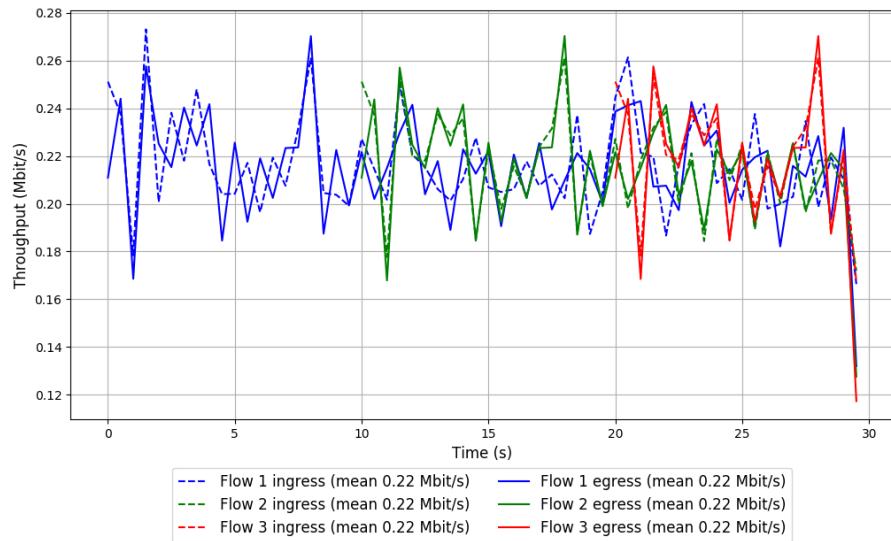


Run 6: Statistics of SCReAM

```
Start at: 2017-09-18 01:35:17
End at: 2017-09-18 01:35:47
Local clock offset: -2.501 ms
Remote clock offset: -1.936 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 82.252 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.260 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.514 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.846 ms
Loss rate: 1.87%
```

Run 6: Report of SCReAM — Data Link

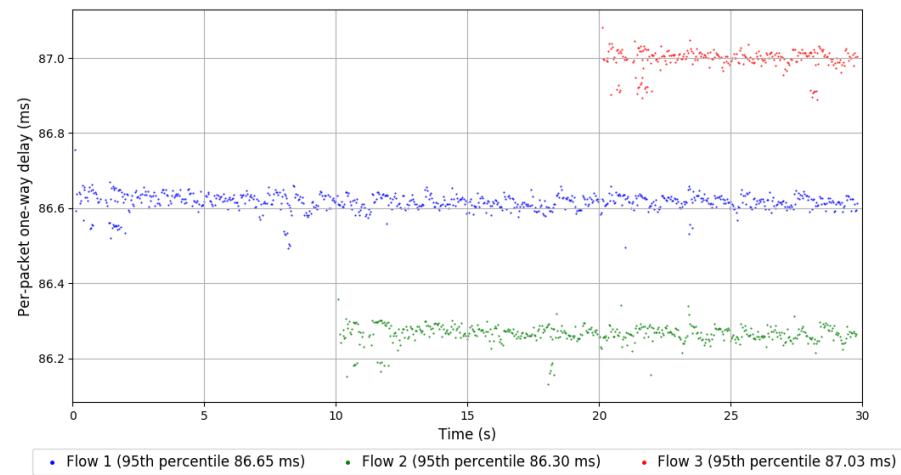
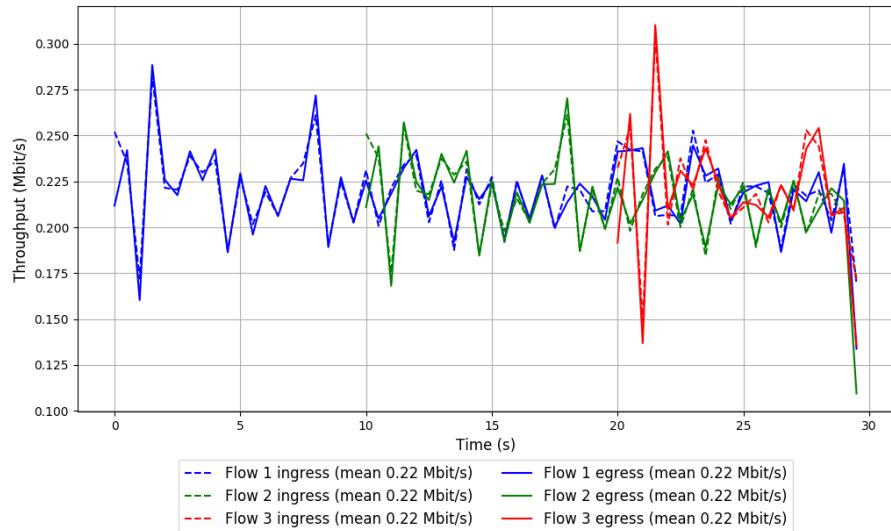


Run 7: Statistics of SCReAM

```
Start at: 2017-09-18 01:56:52
End at: 2017-09-18 01:57:22
Local clock offset: -1.829 ms
Remote clock offset: -6.589 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 87.010 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.647 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.296 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.027 ms
Loss rate: 1.53%
```

Run 7: Report of SCReAM — Data Link

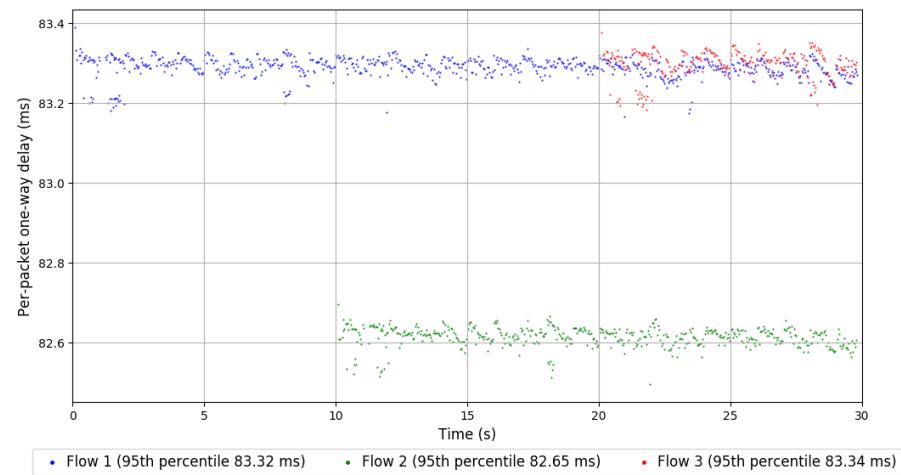
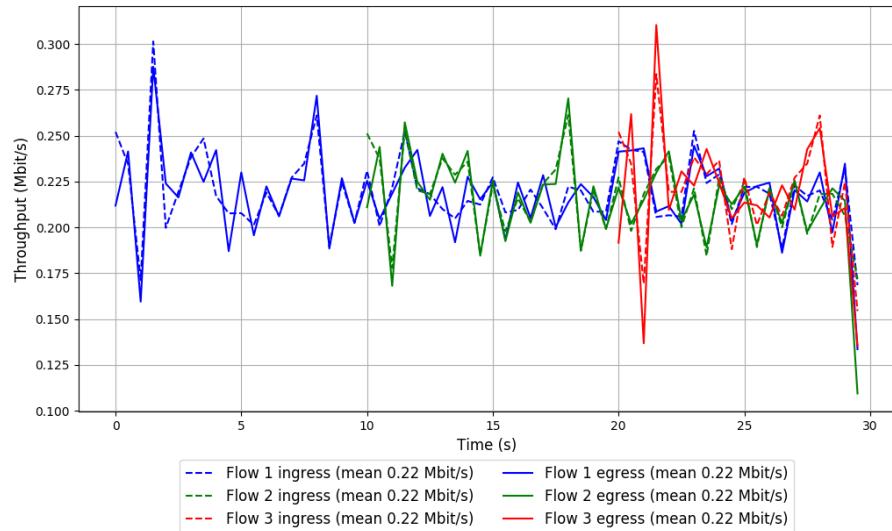


Run 8: Statistics of SCReAM

```
Start at: 2017-09-18 02:18:32
End at: 2017-09-18 02:19:02
Local clock offset: -1.78 ms
Remote clock offset: -2.339 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 83.325 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.321 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.646 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.339 ms
Loss rate: 1.53%
```

Run 8: Report of SCReAM — Data Link

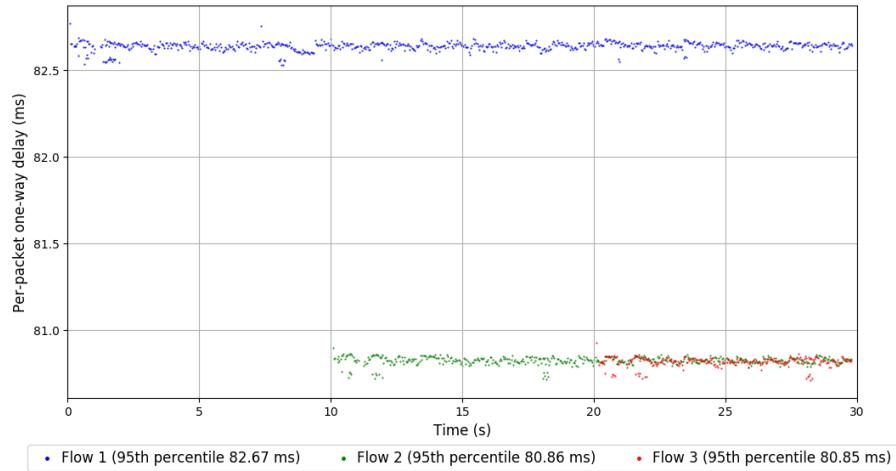
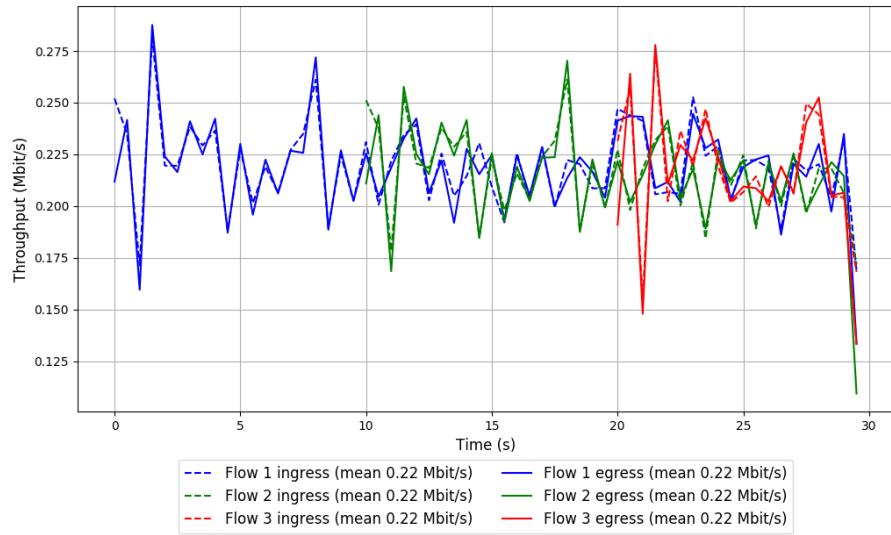


Run 9: Statistics of SCReAM

```
Start at: 2017-09-18 02:40:12
End at: 2017-09-18 02:40:42
Local clock offset: -1.799 ms
Remote clock offset: -2.314 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 82.664 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.668 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.855 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.851 ms
Loss rate: 1.53%
```

Run 9: Report of SCReAM — Data Link

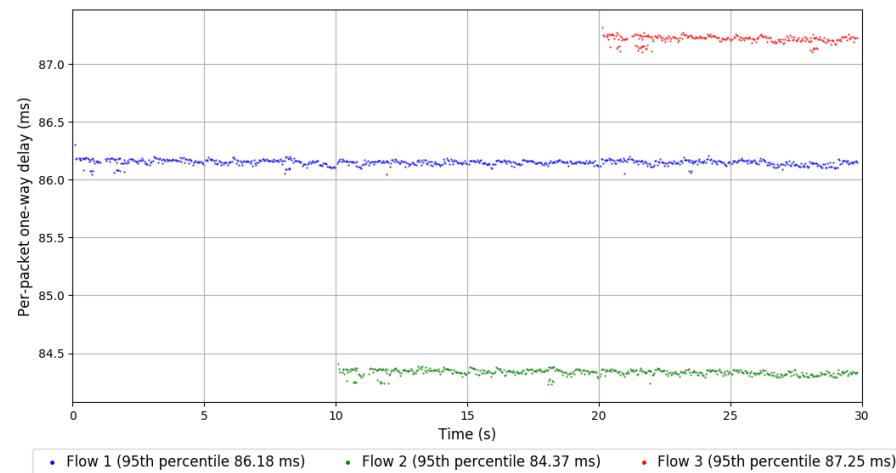
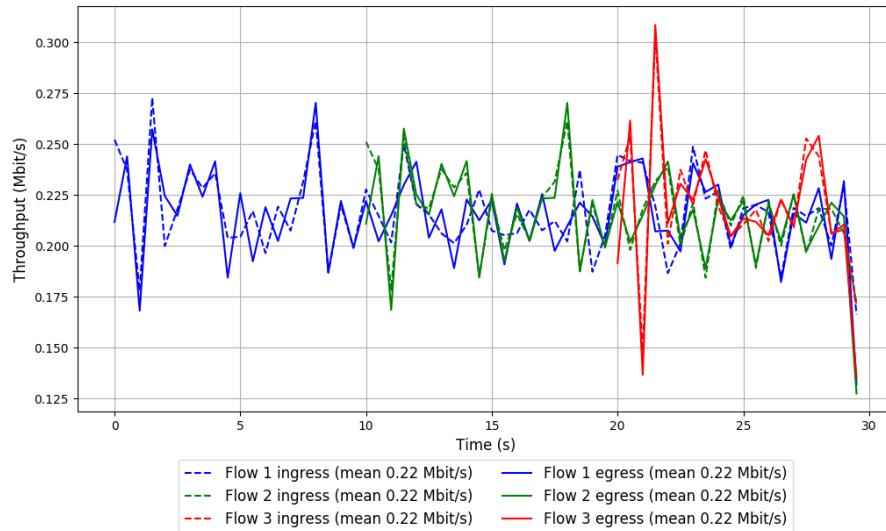


Run 10: Statistics of SCReAM

```
Start at: 2017-09-18 03:01:51
End at: 2017-09-18 03:02:21
Local clock offset: -1.562 ms
Remote clock offset: -5.825 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 87.232 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.181 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.368 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.254 ms
Loss rate: 1.53%
```

Run 10: Report of SCReAM — Data Link

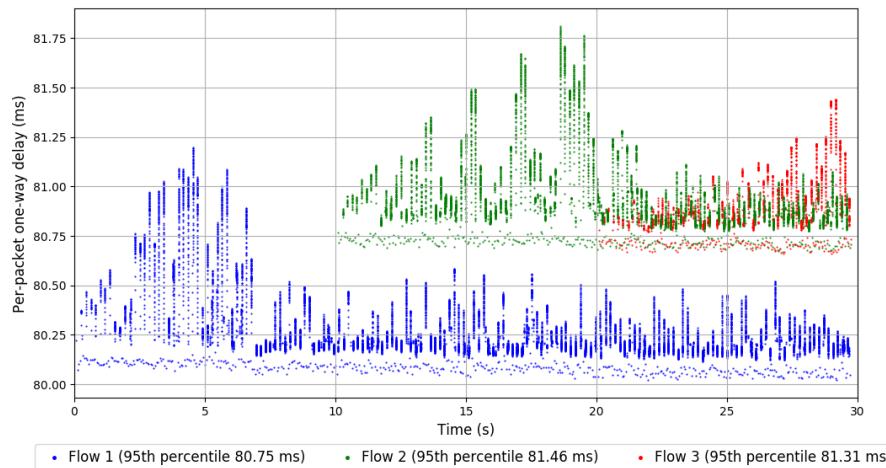
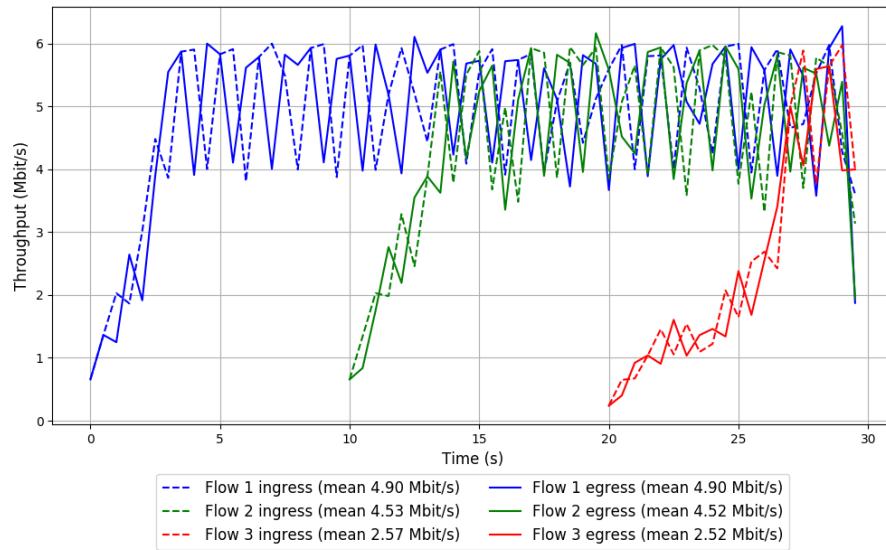


Run 1: Statistics of Sprout

```
Start at: 2017-09-17 23:46:27
End at: 2017-09-17 23:46:57
Local clock offset: -3.394 ms
Remote clock offset: -2.093 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.71 Mbit/s
95th percentile per-packet one-way delay: 81.222 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 80.745 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 4.52 Mbit/s
95th percentile per-packet one-way delay: 81.461 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 2.52 Mbit/s
95th percentile per-packet one-way delay: 81.315 ms
Loss rate: 3.95%
```

Run 1: Report of Sprout — Data Link

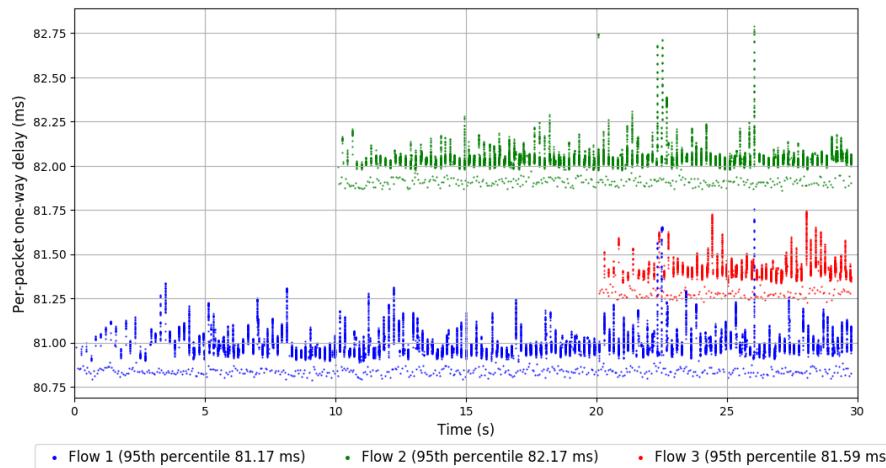
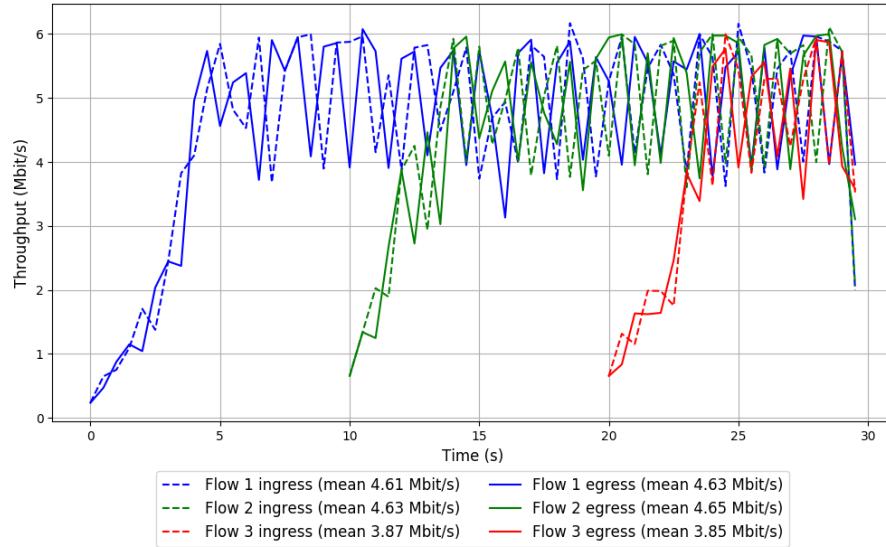


Run 2: Statistics of Sprout

```
Start at: 2017-09-18 00:07:51
End at: 2017-09-18 00:08:21
Local clock offset: -2.681 ms
Remote clock offset: -1.73 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 82.079 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 4.63 Mbit/s
95th percentile per-packet one-way delay: 81.175 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.65 Mbit/s
95th percentile per-packet one-way delay: 82.166 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 81.586 ms
Loss rate: 2.28%
```

Run 2: Report of Sprout — Data Link

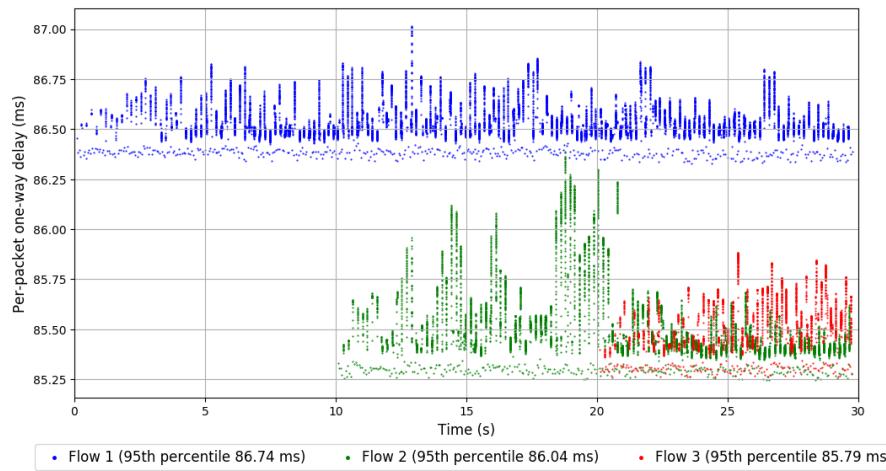
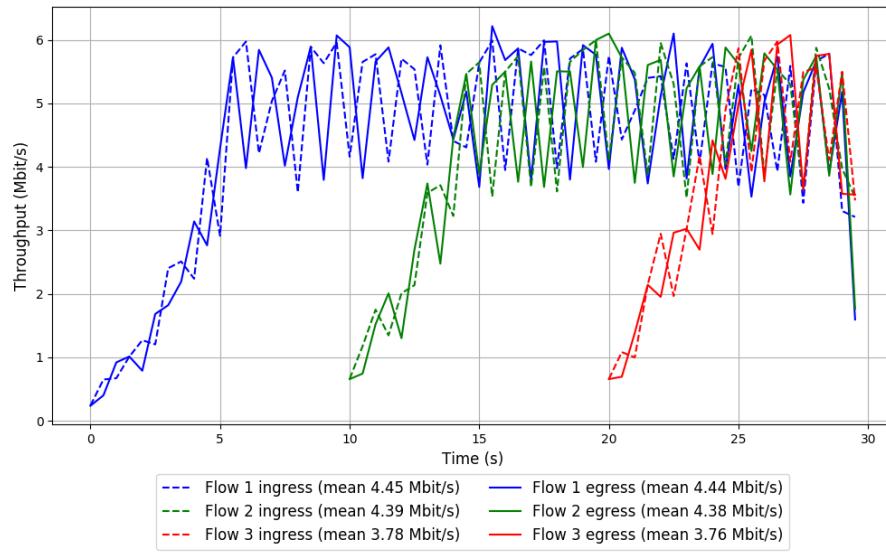


Run 3: Statistics of Sprout

```
Start at: 2017-09-18 00:29:24
End at: 2017-09-18 00:29:54
Local clock offset: -3.164 ms
Remote clock offset: -6.631 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.56 Mbit/s
95th percentile per-packet one-way delay: 86.695 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 86.743 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 86.037 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 85.790 ms
Loss rate: 2.46%
```

Run 3: Report of Sprout — Data Link

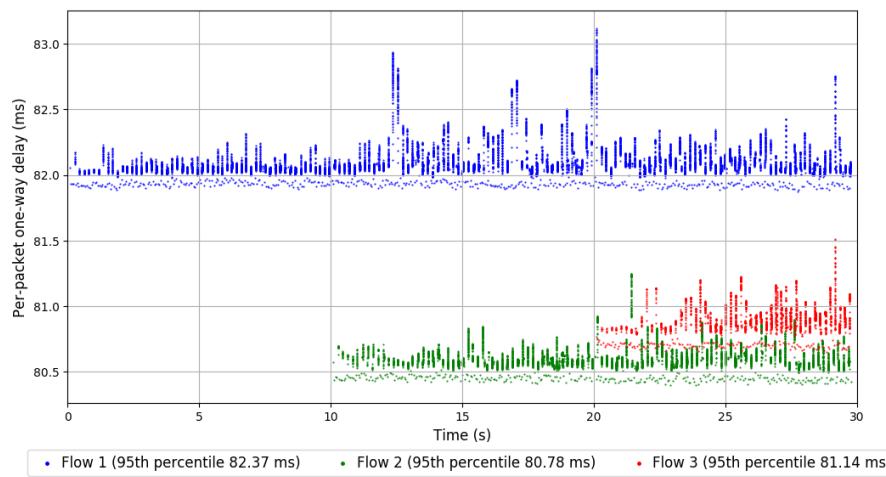
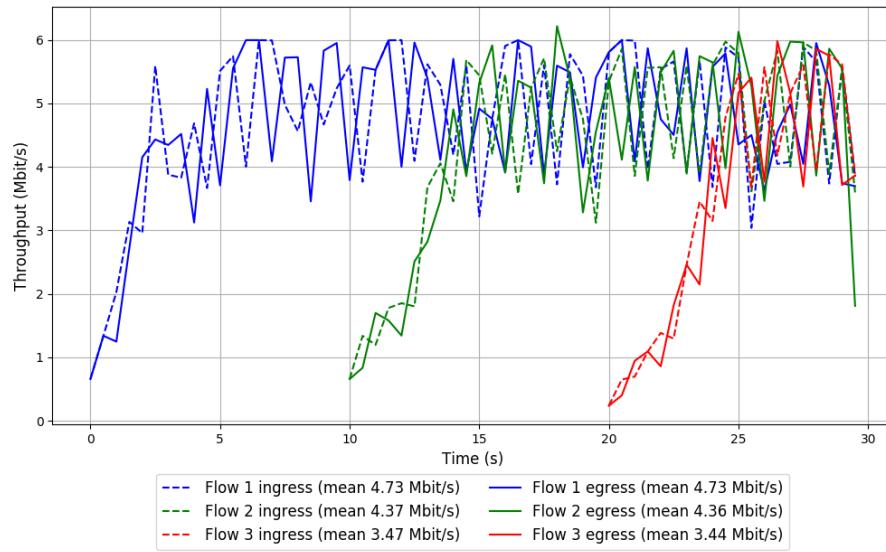


Run 4: Statistics of Sprout

```
Start at: 2017-09-18 00:50:44
End at: 2017-09-18 00:51:15
Local clock offset: -3.098 ms
Remote clock offset: -1.692 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.73 Mbit/s
95th percentile per-packet one-way delay: 82.270 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 82.368 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 80.781 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 81.138 ms
Loss rate: 2.86%
```

Run 4: Report of Sprout — Data Link

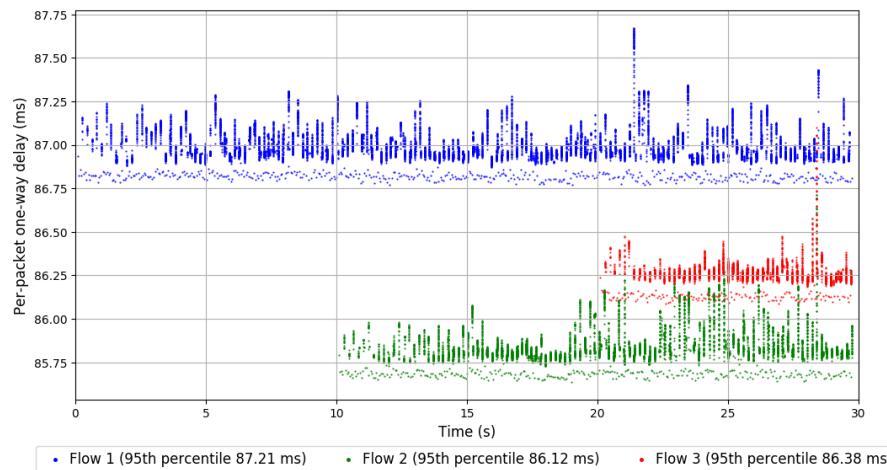
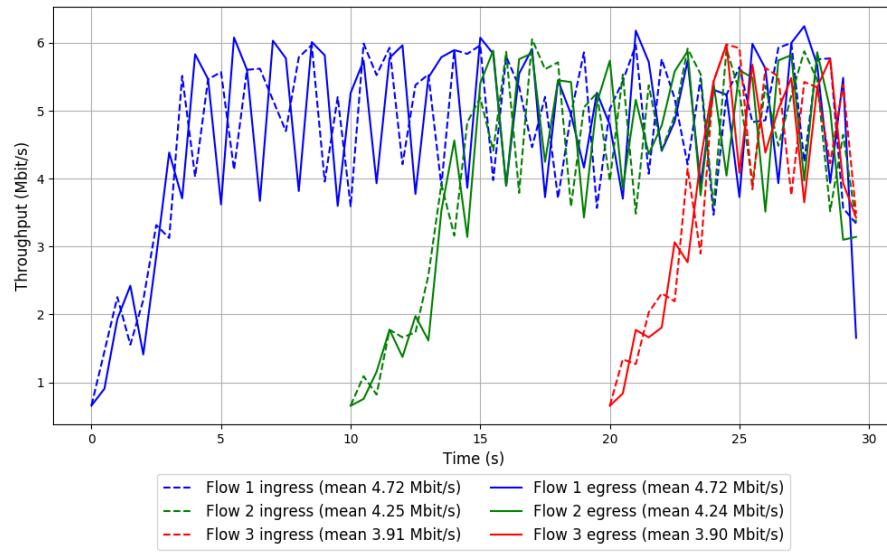


Run 5: Statistics of Sprout

```
Start at: 2017-09-18 01:12:31
End at: 2017-09-18 01:13:02
Local clock offset: -2.822 ms
Remote clock offset: -6.884 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 87.144 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 4.72 Mbit/s
95th percentile per-packet one-way delay: 87.212 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 86.117 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 86.375 ms
Loss rate: 2.27%
```

Run 5: Report of Sprout — Data Link

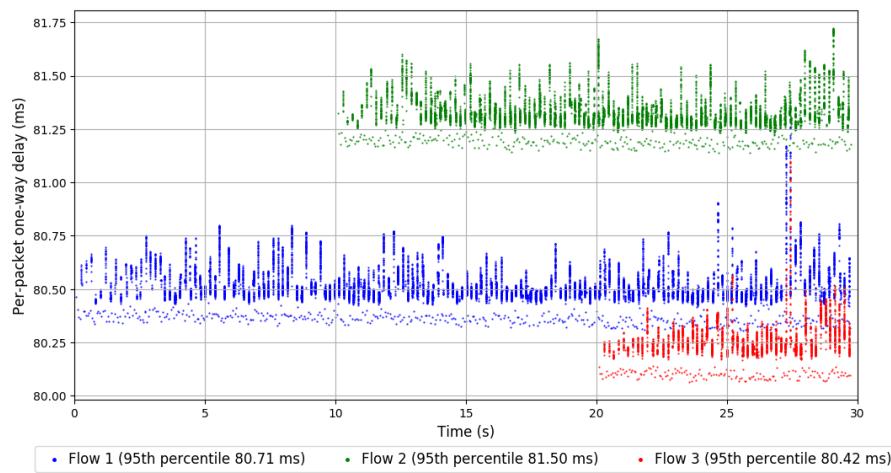
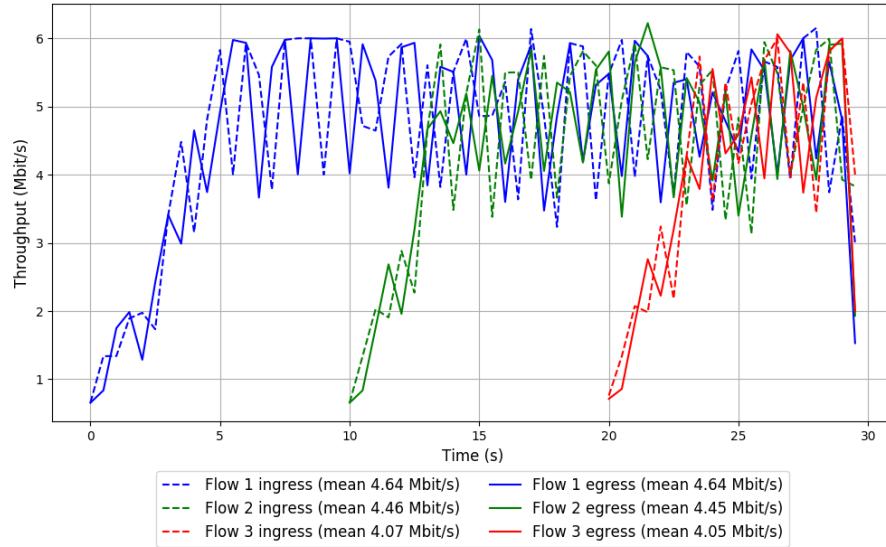


Run 6: Statistics of Sprout

```
Start at: 2017-09-18 01:34:03
End at: 2017-09-18 01:34:33
Local clock offset: -2.58 ms
Remote clock offset: -1.587 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 81.405 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 4.64 Mbit/s
95th percentile per-packet one-way delay: 80.712 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 81.501 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 80.422 ms
Loss rate: 2.50%
```

Run 6: Report of Sprout — Data Link

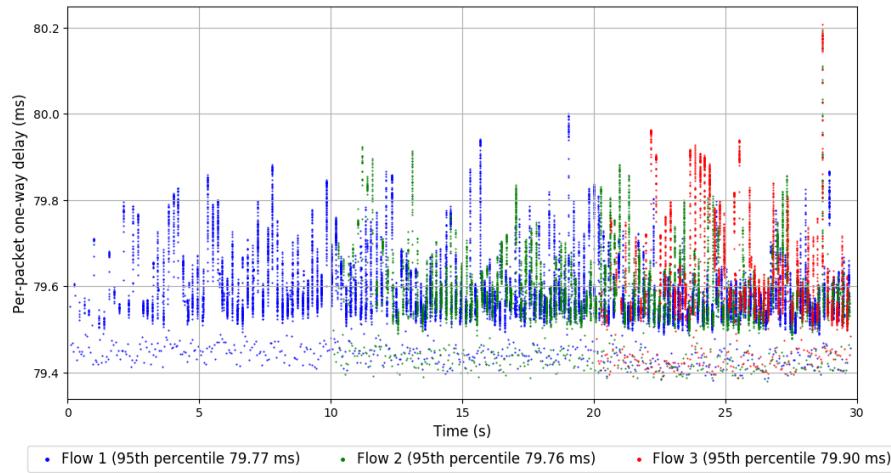
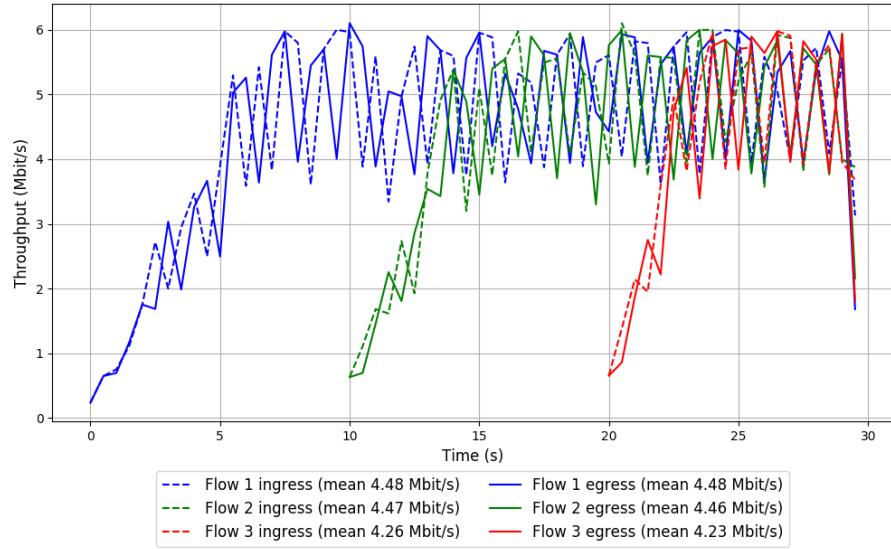


Run 7: Statistics of Sprout

```
Start at: 2017-09-18 01:55:38
End at: 2017-09-18 01:56:08
Local clock offset: -1.932 ms
Remote clock offset: -1.028 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 79.795 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 79.773 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 79.760 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 79.896 ms
Loss rate: 2.24%
```

Run 7: Report of Sprout — Data Link

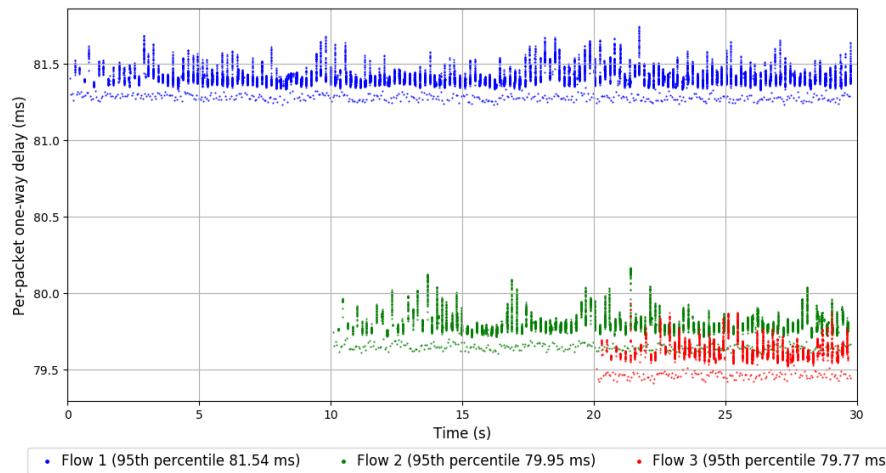
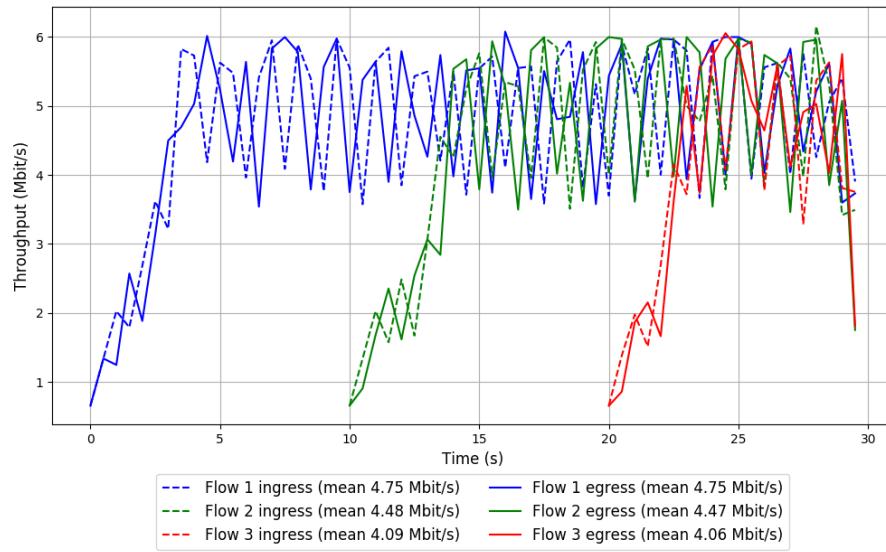


Run 8: Statistics of Sprout

```
Start at: 2017-09-18 02:17:17
End at: 2017-09-18 02:17:47
Local clock offset: -1.741 ms
Remote clock offset: -1.442 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 81.502 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 81.542 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 79.948 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 4.06 Mbit/s
95th percentile per-packet one-way delay: 79.771 ms
Loss rate: 2.42%
```

Run 8: Report of Sprout — Data Link

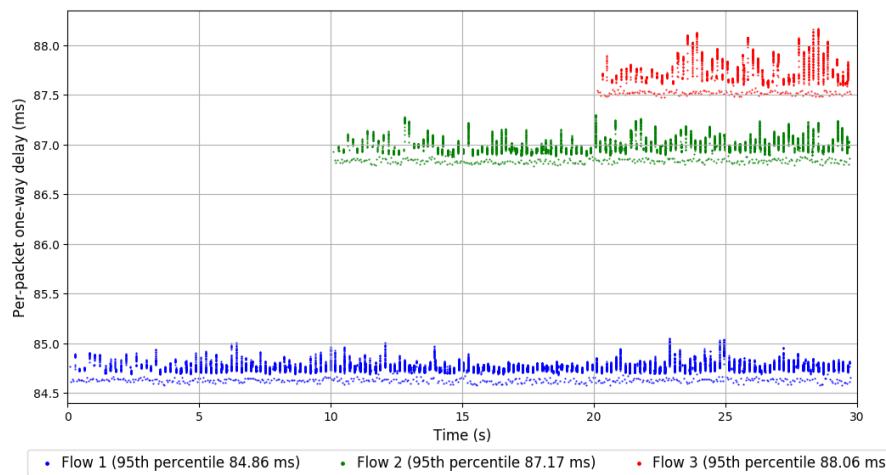
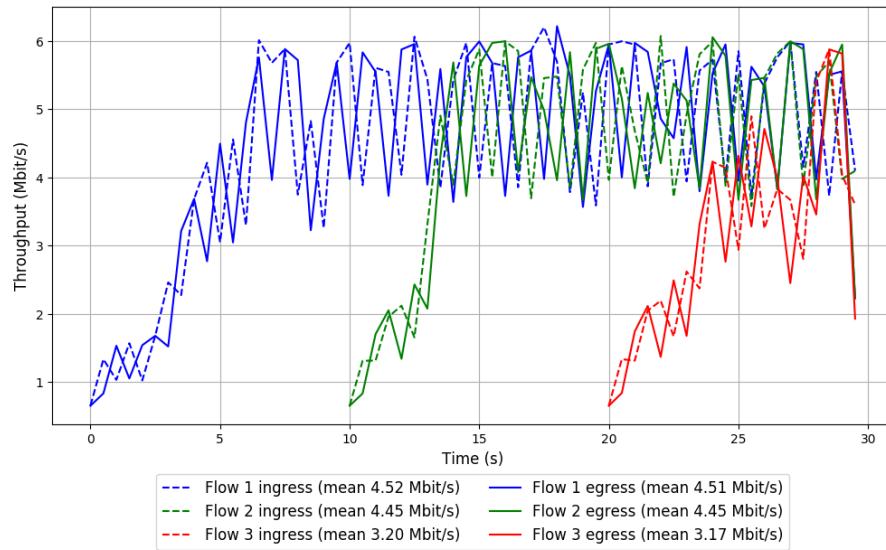


Run 9: Statistics of Sprout

```
Start at: 2017-09-18 02:38:57
End at: 2017-09-18 02:39:27
Local clock offset: -1.765 ms
Remote clock offset: -6.571 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.48 Mbit/s
95th percentile per-packet one-way delay: 87.788 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 4.51 Mbit/s
95th percentile per-packet one-way delay: 84.856 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 87.166 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 3.17 Mbit/s
95th percentile per-packet one-way delay: 88.065 ms
Loss rate: 2.93%
```

Run 9: Report of Sprout — Data Link

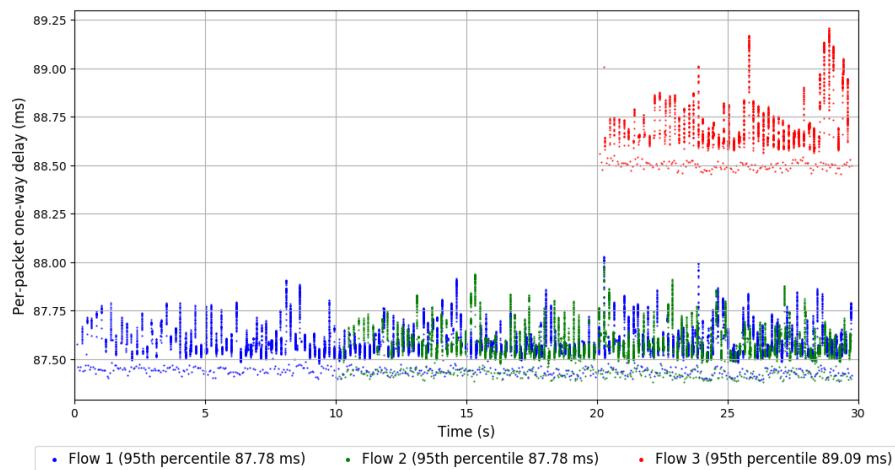
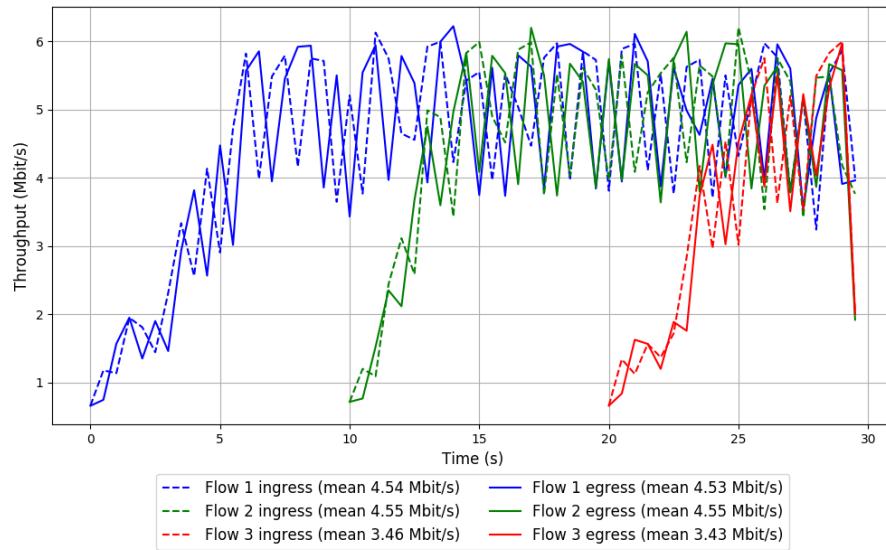


Run 10: Statistics of Sprout

```
Start at: 2017-09-18 03:00:37
End at: 2017-09-18 03:01:07
Local clock offset: -1.513 ms
Remote clock offset: -7.123 ms

# Below is generated by plot.py at 2017-09-18 07:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 88.719 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 4.53 Mbit/s
95th percentile per-packet one-way delay: 87.775 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 4.55 Mbit/s
95th percentile per-packet one-way delay: 87.781 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 89.088 ms
Loss rate: 2.94%
```

Run 10: Report of Sprout — Data Link

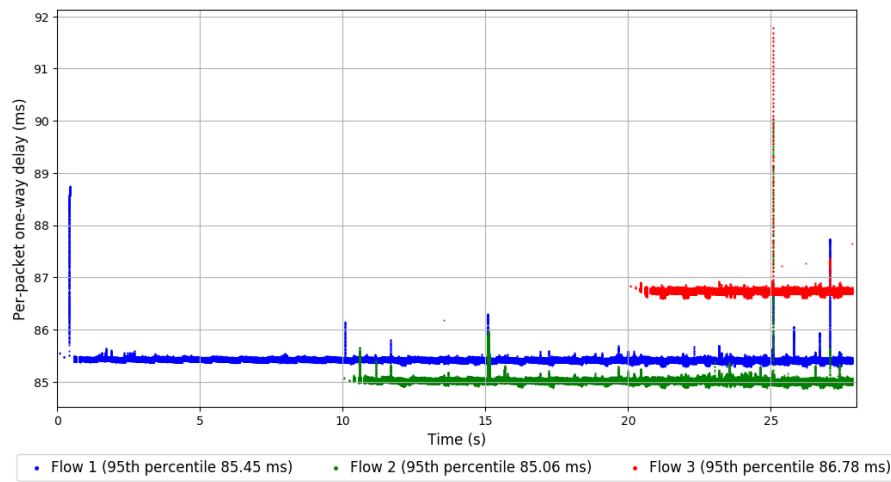
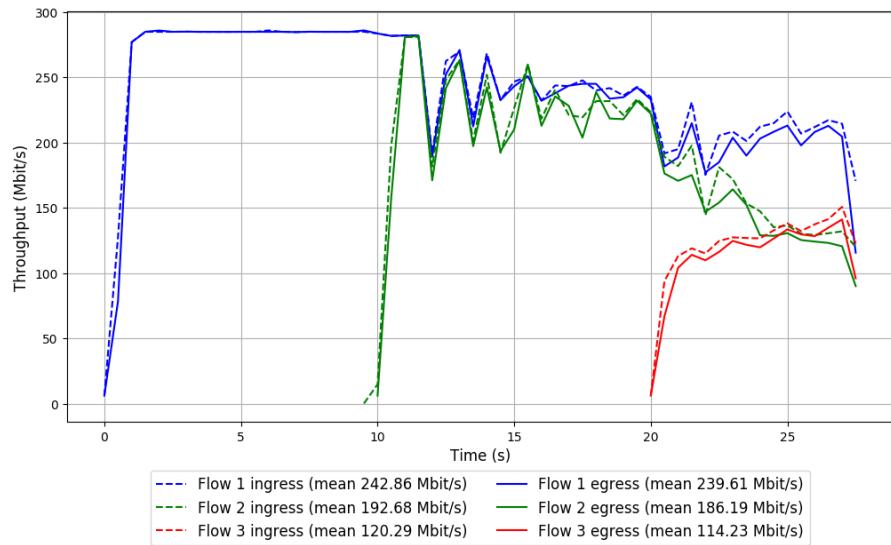


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-09-17 23:32:06
End at: 2017-09-17 23:32:36
Local clock offset: -5.326 ms
Remote clock offset: -7.583 ms

# Below is generated by plot.py at 2017-09-18 07:47:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 390.81 Mbit/s
95th percentile per-packet one-way delay: 86.728 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 239.61 Mbit/s
95th percentile per-packet one-way delay: 85.454 ms
Loss rate: 1.94%
-- Flow 2:
Average throughput: 186.19 Mbit/s
95th percentile per-packet one-way delay: 85.056 ms
Loss rate: 4.27%
-- Flow 3:
Average throughput: 114.23 Mbit/s
95th percentile per-packet one-way delay: 86.782 ms
Loss rate: 7.06%
```

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

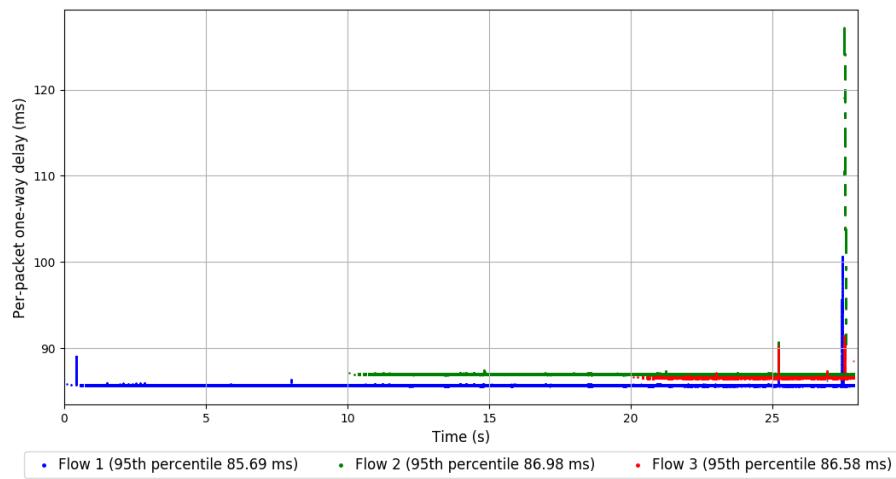
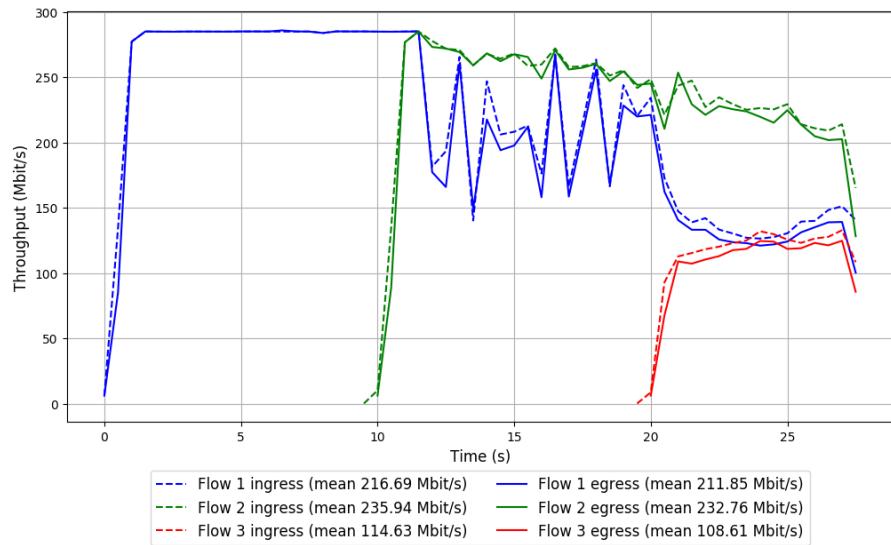


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-09-17 23:53:25
End at: 2017-09-17 23:53:56
Local clock offset: -2.848 ms
Remote clock offset: -7.273 ms

# Below is generated by plot.py at 2017-09-18 07:47:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 391.37 Mbit/s
95th percentile per-packet one-way delay: 86.966 ms
Loss rate: 2.97%
-- Flow 1:
Average throughput: 211.85 Mbit/s
95th percentile per-packet one-way delay: 85.694 ms
Loss rate: 2.80%
-- Flow 2:
Average throughput: 232.76 Mbit/s
95th percentile per-packet one-way delay: 86.977 ms
Loss rate: 2.28%
-- Flow 3:
Average throughput: 108.61 Mbit/s
95th percentile per-packet one-way delay: 86.582 ms
Loss rate: 7.24%
```

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

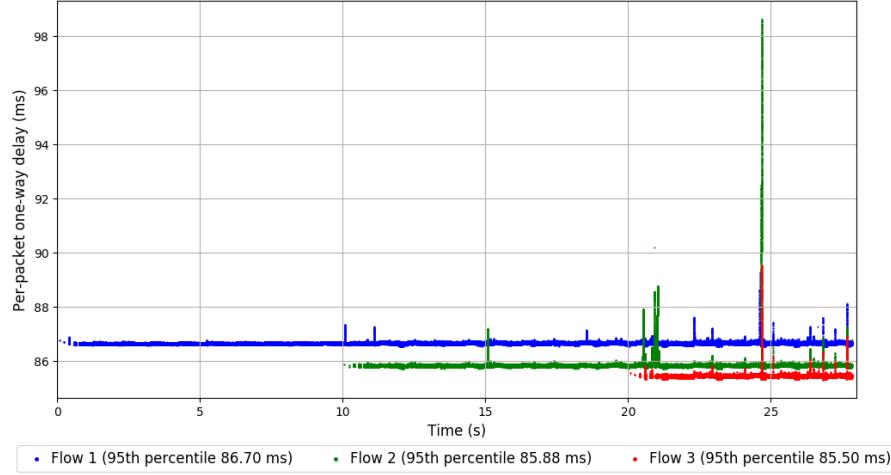
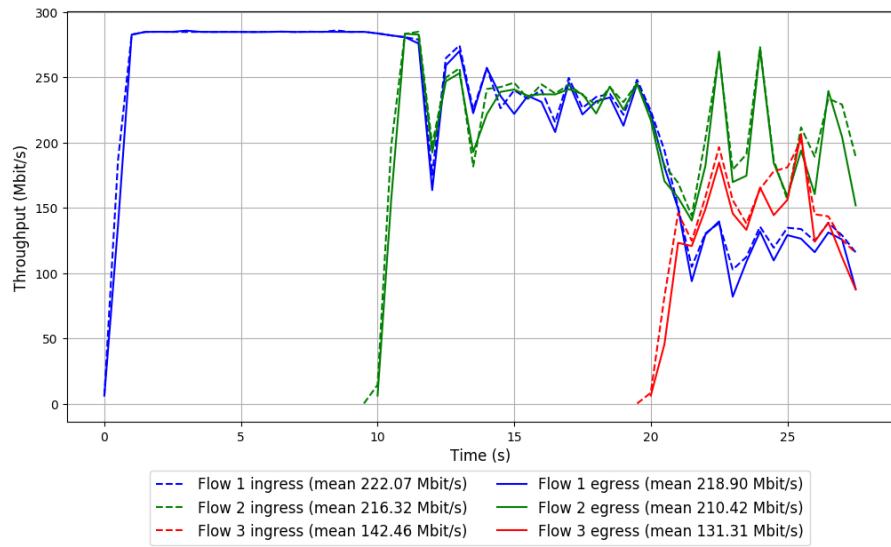


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-09-18 00:15:01
End at: 2017-09-18 00:15:31
Local clock offset: -2.984 ms
Remote clock offset: -6.635 ms

# Below is generated by plot.py at 2017-09-18 07:47:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 390.51 Mbit/s
95th percentile per-packet one-way delay: 86.691 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 218.90 Mbit/s
95th percentile per-packet one-way delay: 86.699 ms
Loss rate: 2.03%
-- Flow 2:
Average throughput: 210.42 Mbit/s
95th percentile per-packet one-way delay: 85.876 ms
Loss rate: 3.61%
-- Flow 3:
Average throughput: 131.31 Mbit/s
95th percentile per-packet one-way delay: 85.500 ms
Loss rate: 9.78%
```

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

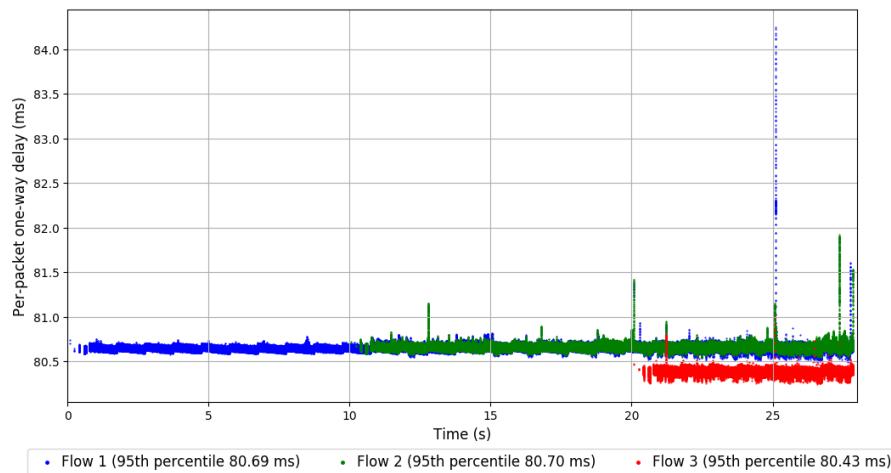
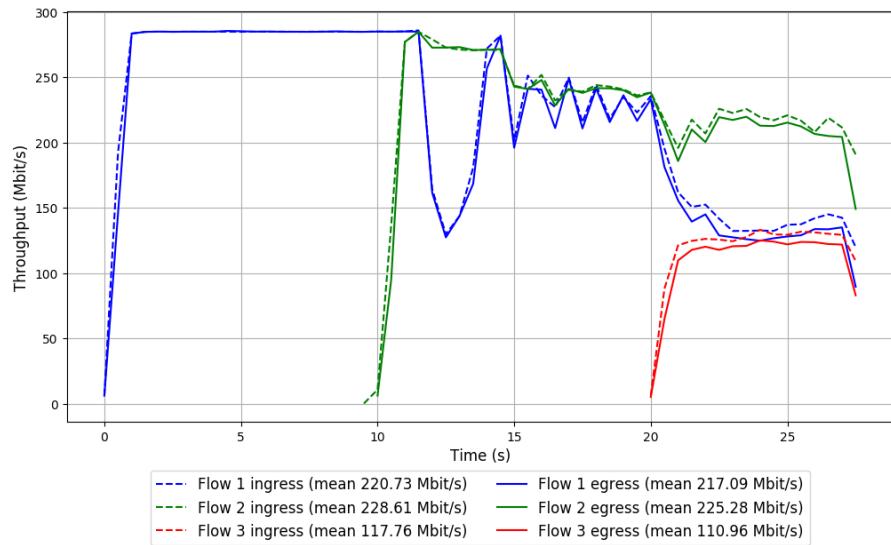


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-09-18 00:36:15
End at: 2017-09-18 00:36:45
Local clock offset: -3.106 ms
Remote clock offset: -1.155 ms

# Below is generated by plot.py at 2017-09-18 07:47:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 392.43 Mbit/s
95th percentile per-packet one-way delay: 80.694 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 217.09 Mbit/s
95th percentile per-packet one-way delay: 80.690 ms
Loss rate: 2.24%
-- Flow 2:
Average throughput: 225.28 Mbit/s
95th percentile per-packet one-way delay: 80.699 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 110.96 Mbit/s
95th percentile per-packet one-way delay: 80.431 ms
Loss rate: 7.78%
```

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

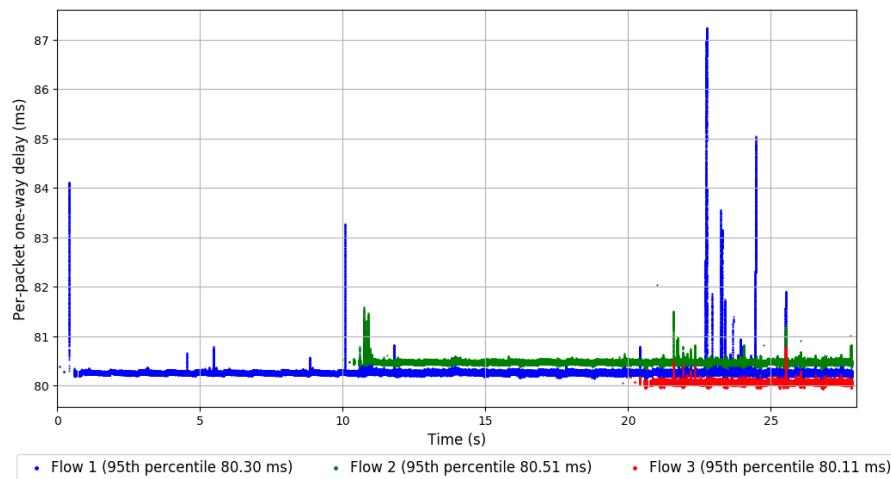
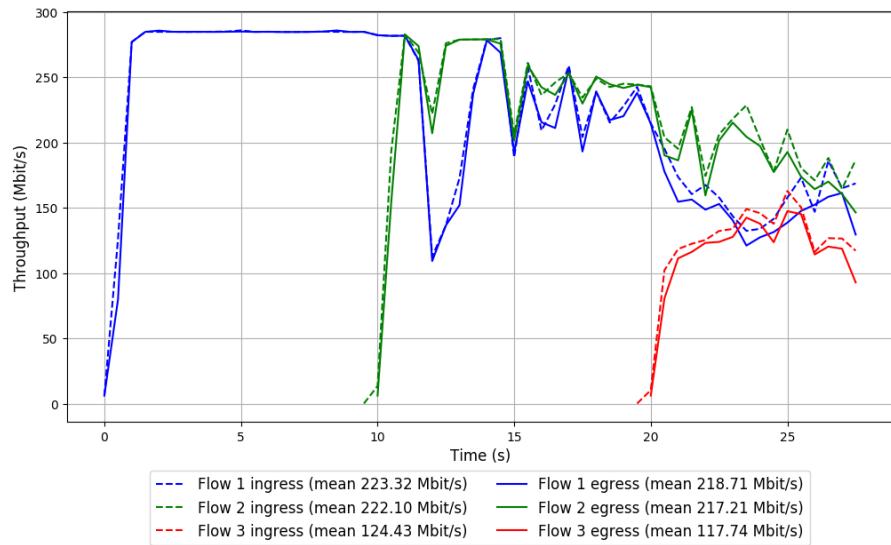


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-09-18 00:57:42
End at: 2017-09-18 00:58:12
Local clock offset: -2.988 ms
Remote clock offset: -1.134 ms

# Below is generated by plot.py at 2017-09-18 07:48:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 390.78 Mbit/s
95th percentile per-packet one-way delay: 80.496 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 218.71 Mbit/s
95th percentile per-packet one-way delay: 80.300 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 217.21 Mbit/s
95th percentile per-packet one-way delay: 80.507 ms
Loss rate: 3.10%
-- Flow 3:
Average throughput: 117.74 Mbit/s
95th percentile per-packet one-way delay: 80.111 ms
Loss rate: 7.38%
```

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

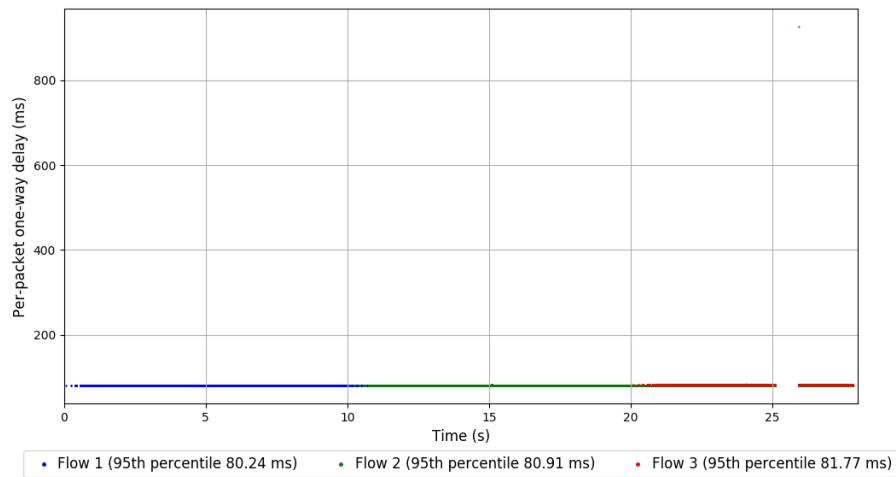
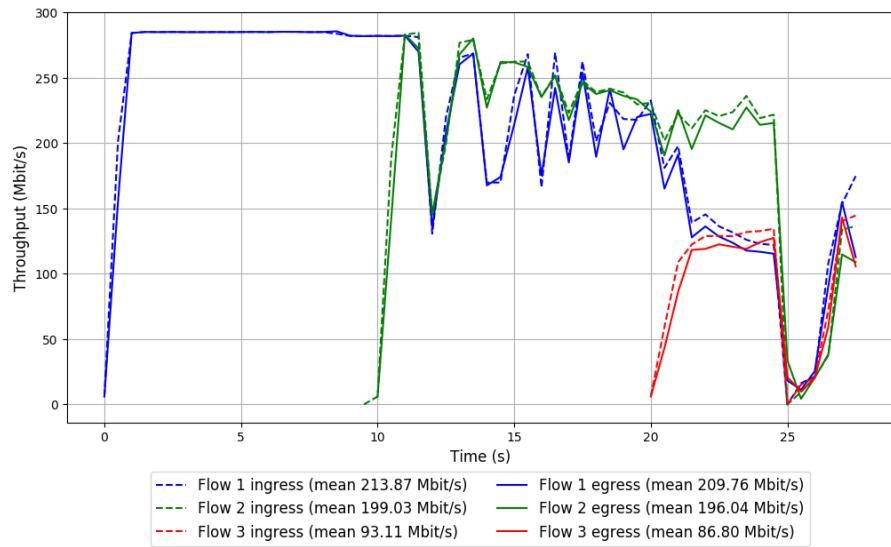


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-09-18 01:19:29
End at: 2017-09-18 01:19:59
Local clock offset: -3.009 ms
Remote clock offset: -1.693 ms

# Below is generated by plot.py at 2017-09-18 07:48:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 359.45 Mbit/s
95th percentile per-packet one-way delay: 81.709 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 209.76 Mbit/s
95th percentile per-packet one-way delay: 80.237 ms
Loss rate: 2.51%
-- Flow 2:
Average throughput: 196.04 Mbit/s
95th percentile per-packet one-way delay: 80.907 ms
Loss rate: 2.43%
-- Flow 3:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 81.774 ms
Loss rate: 8.78%
```

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

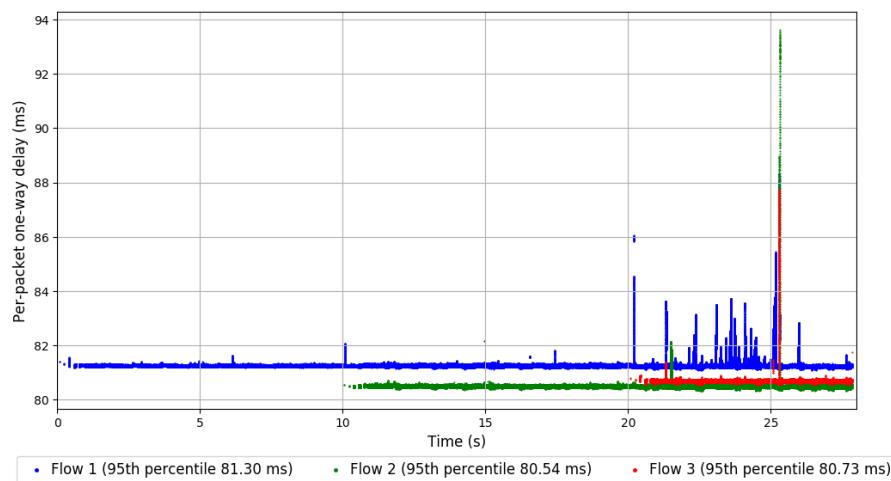
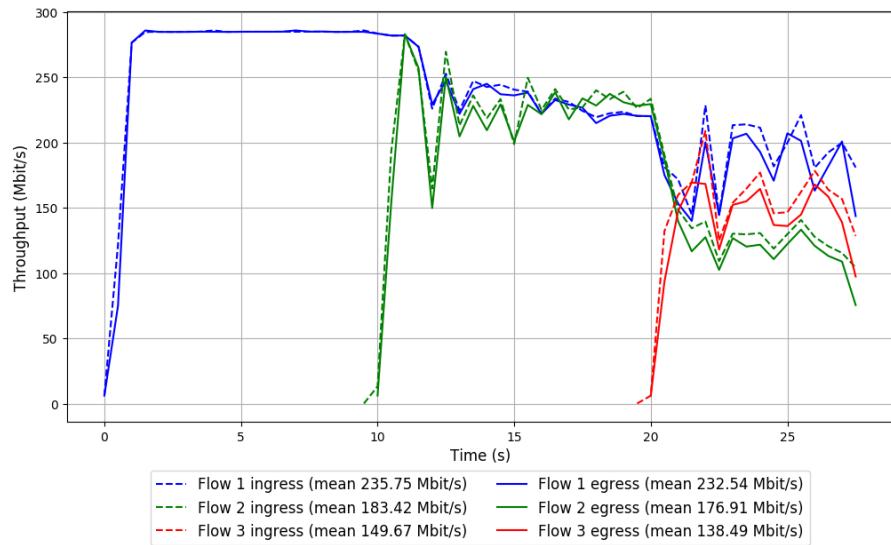


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-09-18 01:41:12
End at: 2017-09-18 01:41:42
Local clock offset: -2.29 ms
Remote clock offset: -0.886 ms

# Below is generated by plot.py at 2017-09-18 07:49:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 384.67 Mbit/s
95th percentile per-packet one-way delay: 81.290 ms
Loss rate: 3.51%
-- Flow 1:
Average throughput: 232.54 Mbit/s
95th percentile per-packet one-way delay: 81.299 ms
Loss rate: 1.97%
-- Flow 2:
Average throughput: 176.91 Mbit/s
95th percentile per-packet one-way delay: 80.539 ms
Loss rate: 4.46%
-- Flow 3:
Average throughput: 138.49 Mbit/s
95th percentile per-packet one-way delay: 80.731 ms
Loss rate: 9.43%
```

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

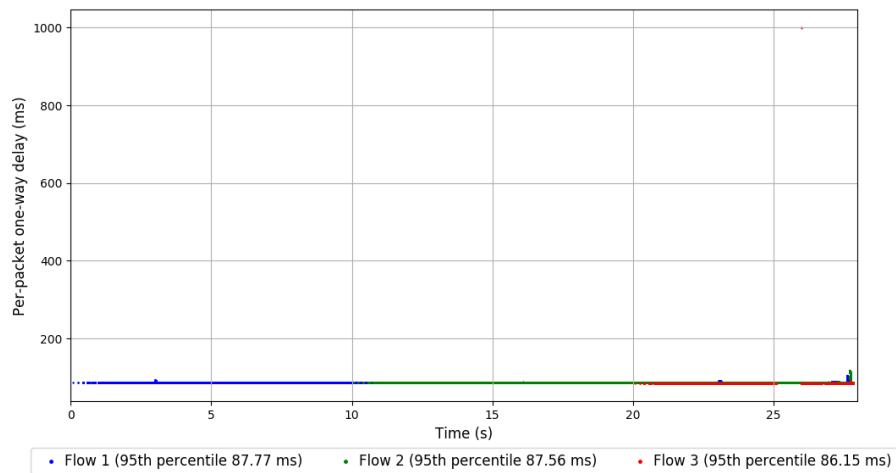
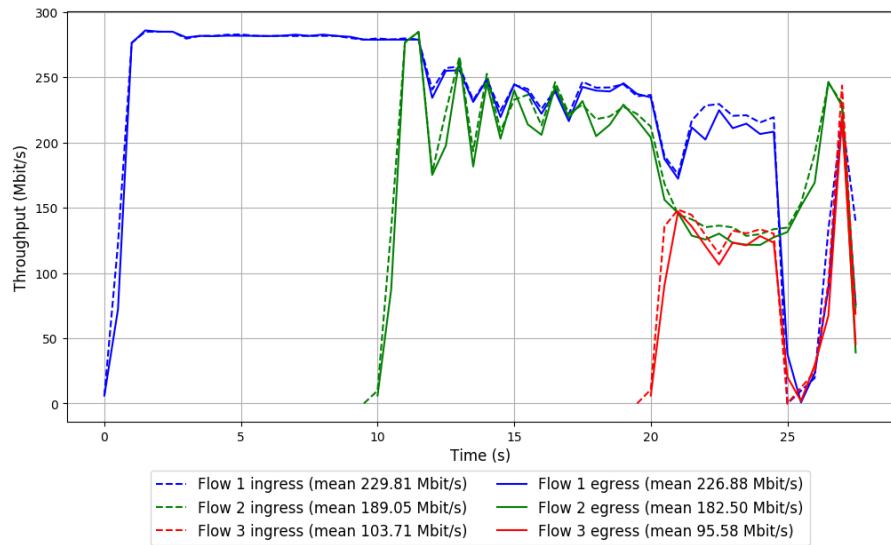


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-09-18 02:02:51
End at: 2017-09-18 02:03:21
Local clock offset: -1.824 ms
Remote clock offset: -7.616 ms

# Below is generated by plot.py at 2017-09-18 07:49:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 370.57 Mbit/s
95th percentile per-packet one-way delay: 87.760 ms
Loss rate: 3.29%
-- Flow 1:
Average throughput: 226.88 Mbit/s
95th percentile per-packet one-way delay: 87.767 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 182.50 Mbit/s
95th percentile per-packet one-way delay: 87.565 ms
Loss rate: 4.38%
-- Flow 3:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 86.151 ms
Loss rate: 9.80%
```

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

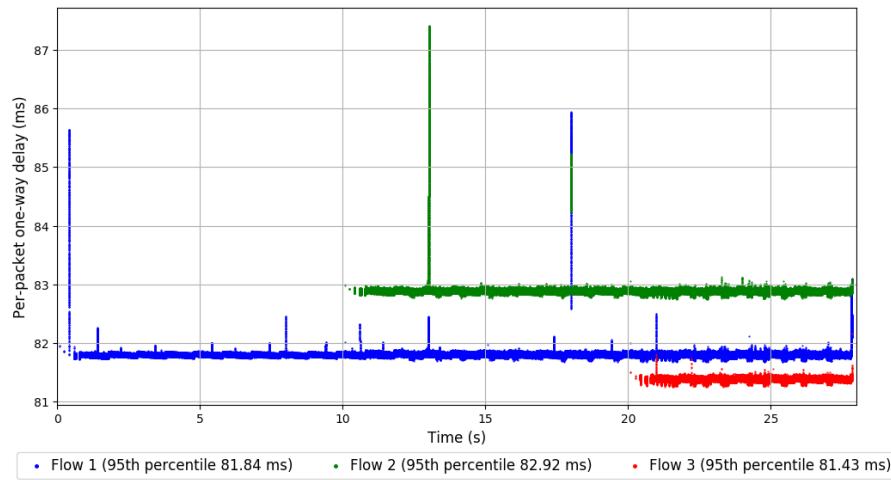
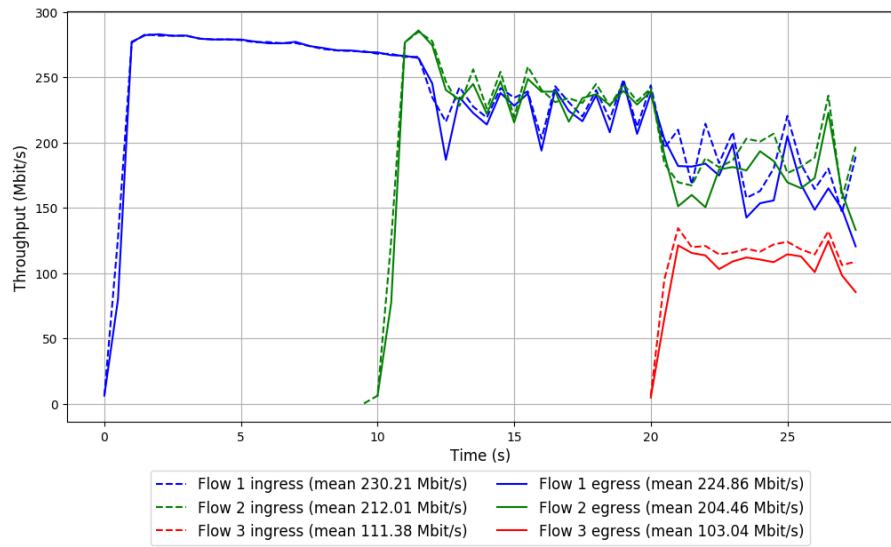


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-09-18 02:24:32
End at: 2017-09-18 02:25:02
Local clock offset: -1.708 ms
Remote clock offset: -1.482 ms

# Below is generated by plot.py at 2017-09-18 07:56:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 384.51 Mbit/s
95th percentile per-packet one-way delay: 82.908 ms
Loss rate: 3.98%
-- Flow 1:
Average throughput: 224.86 Mbit/s
95th percentile per-packet one-way delay: 81.837 ms
Loss rate: 2.92%
-- Flow 2:
Average throughput: 204.46 Mbit/s
95th percentile per-packet one-way delay: 82.923 ms
Loss rate: 4.48%
-- Flow 3:
Average throughput: 103.04 Mbit/s
95th percentile per-packet one-way delay: 81.433 ms
Loss rate: 9.51%
```

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

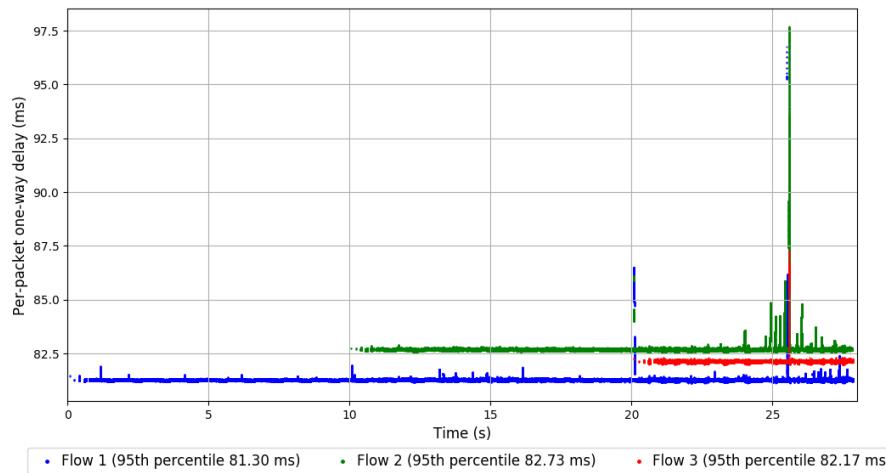
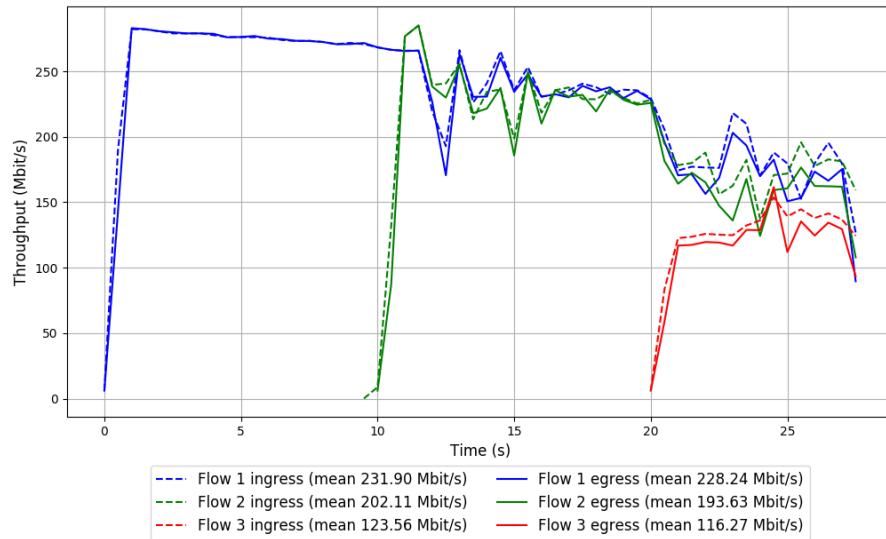


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-09-18 02:46:13
End at: 2017-09-18 02:46:43
Local clock offset: -1.702 ms
Remote clock offset: -2.705 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 384.66 Mbit/s
95th percentile per-packet one-way delay: 82.704 ms
Loss rate: 3.67%
-- Flow 1:
Average throughput: 228.24 Mbit/s
95th percentile per-packet one-way delay: 81.300 ms
Loss rate: 2.17%
-- Flow 2:
Average throughput: 193.63 Mbit/s
95th percentile per-packet one-way delay: 82.730 ms
Loss rate: 5.18%
-- Flow 3:
Average throughput: 116.27 Mbit/s
95th percentile per-packet one-way delay: 82.171 ms
Loss rate: 7.92%
```

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

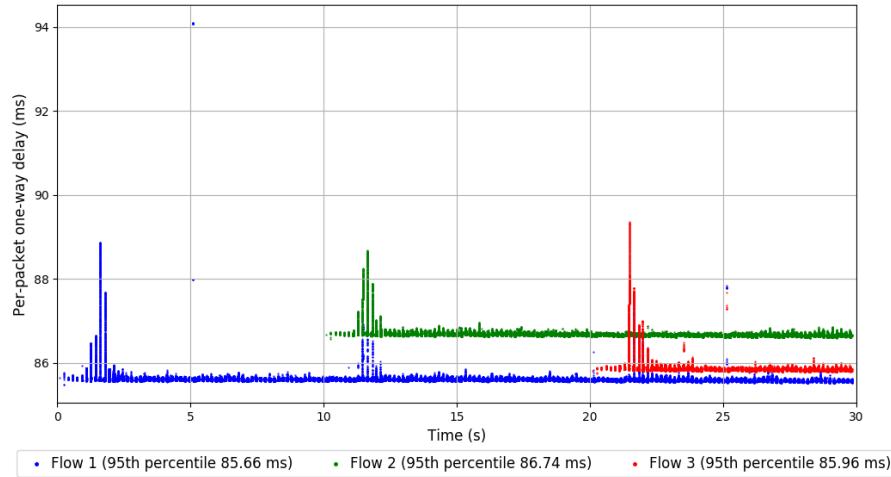
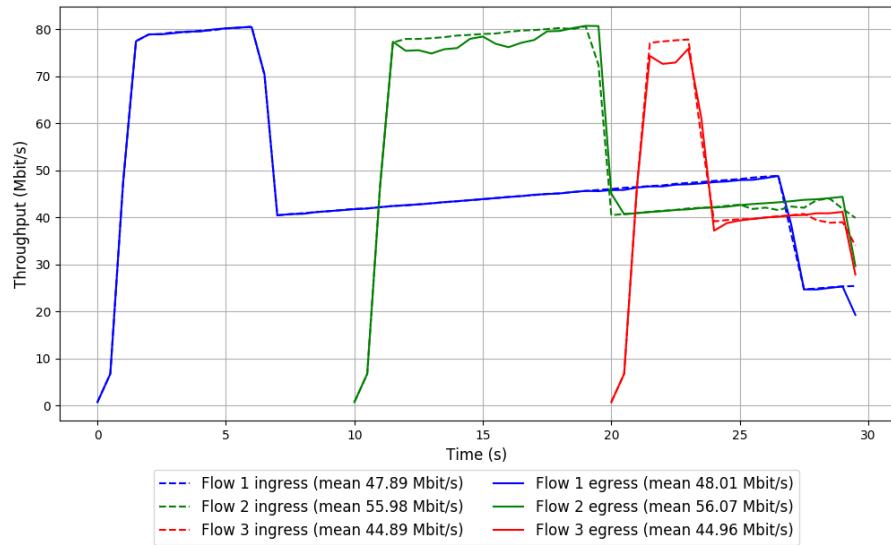


Run 1: Statistics of TCP Vegas

```
Start at: 2017-09-17 23:37:50
End at: 2017-09-17 23:38:20
Local clock offset: -4.799 ms
Remote clock offset: -7.461 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.91 Mbit/s
95th percentile per-packet one-way delay: 86.718 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 85.661 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 56.07 Mbit/s
95th percentile per-packet one-way delay: 86.740 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 44.96 Mbit/s
95th percentile per-packet one-way delay: 85.960 ms
Loss rate: 1.56%
```

Run 1: Report of TCP Vegas — Data Link

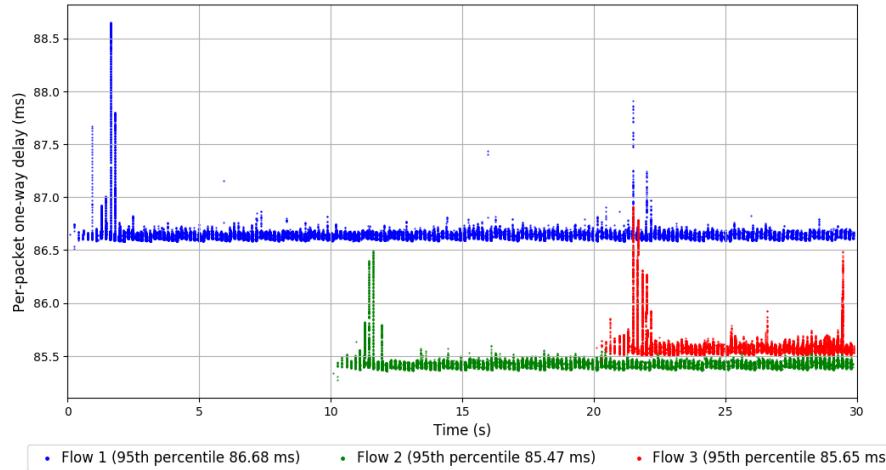
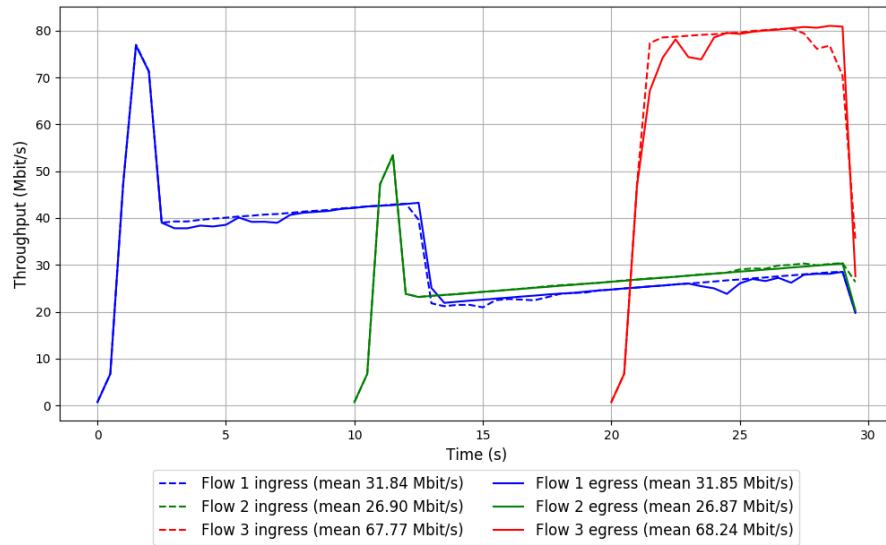


Run 2: Statistics of TCP Vegas

```
Start at: 2017-09-17 23:59:17
End at: 2017-09-17 23:59:47
Local clock offset: -2.715 ms
Remote clock offset: -6.883 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 72.01 Mbit/s
95th percentile per-packet one-way delay: 86.667 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 86.679 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 85.467 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 68.24 Mbit/s
95th percentile per-packet one-way delay: 85.653 ms
Loss rate: 1.02%
```

Run 2: Report of TCP Vegas — Data Link

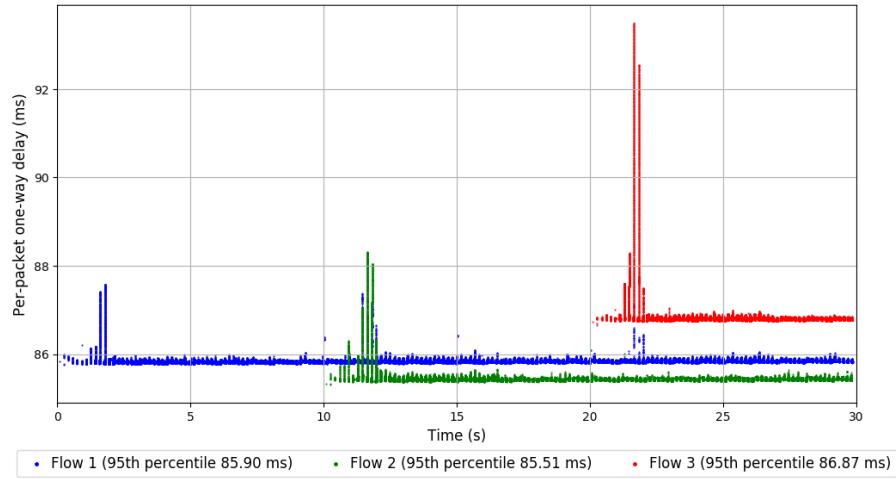
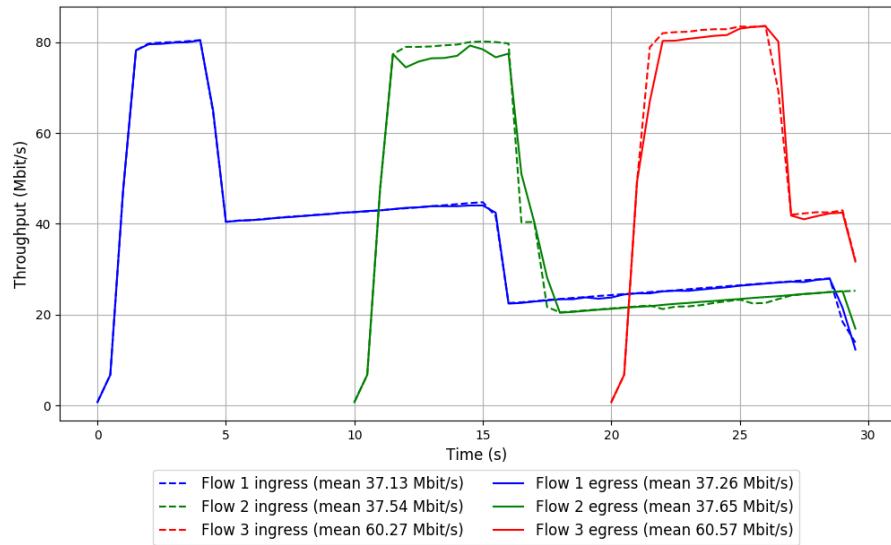


Run 3: Statistics of TCP Vegas

```
Start at: 2017-09-18 00:20:47
End at: 2017-09-18 00:21:17
Local clock offset: -3.188 ms
Remote clock offset: -6.727 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.02 Mbit/s
95th percentile per-packet one-way delay: 86.828 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 85.897 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 37.65 Mbit/s
95th percentile per-packet one-way delay: 85.512 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 60.57 Mbit/s
95th percentile per-packet one-way delay: 86.873 ms
Loss rate: 1.20%
```

Run 3: Report of TCP Vegas — Data Link

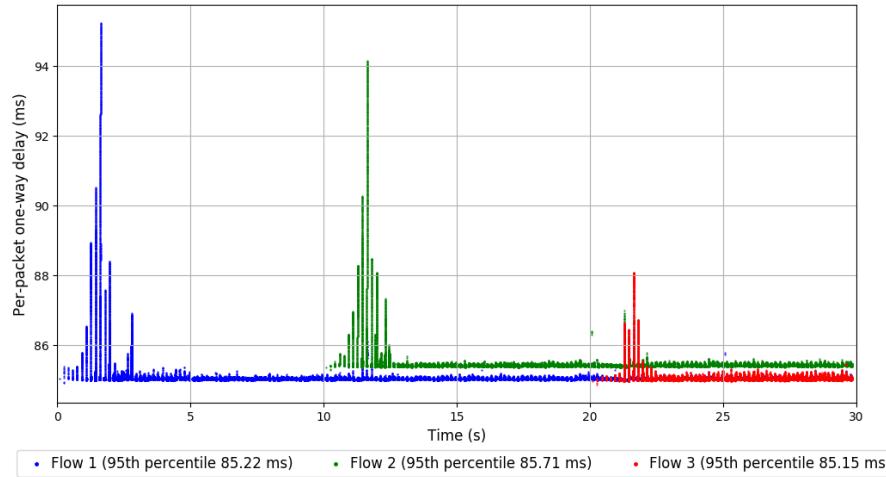
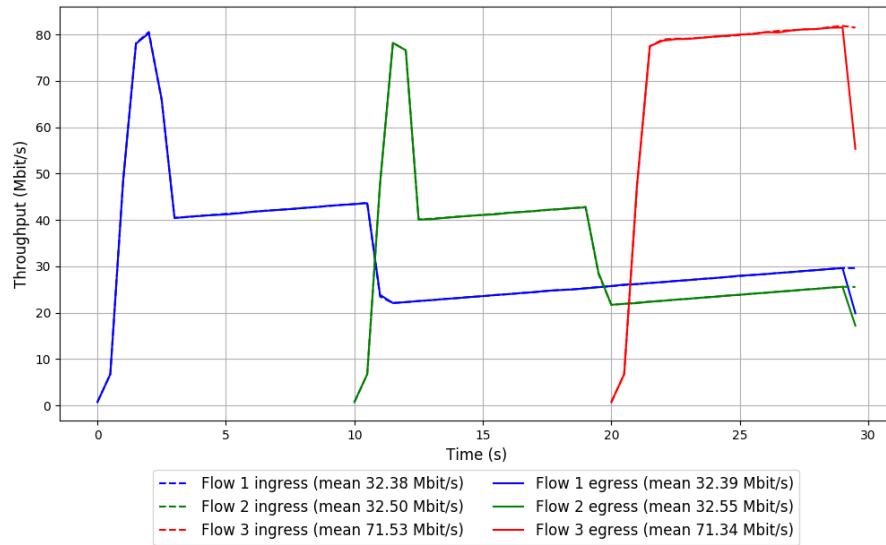


Run 4: Statistics of TCP Vegas

```
Start at: 2017-09-18 00:42:20
End at: 2017-09-18 00:42:50
Local clock offset: -3.181 ms
Remote clock offset: -6.121 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.31 Mbit/s
95th percentile per-packet one-way delay: 85.481 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 85.224 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 32.55 Mbit/s
95th percentile per-packet one-way delay: 85.708 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 71.34 Mbit/s
95th percentile per-packet one-way delay: 85.153 ms
Loss rate: 1.93%
```

Run 4: Report of TCP Vegas — Data Link

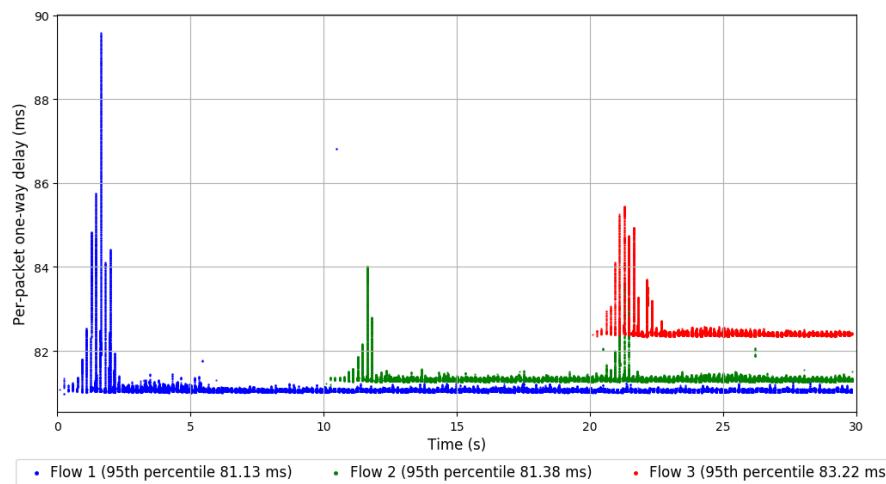
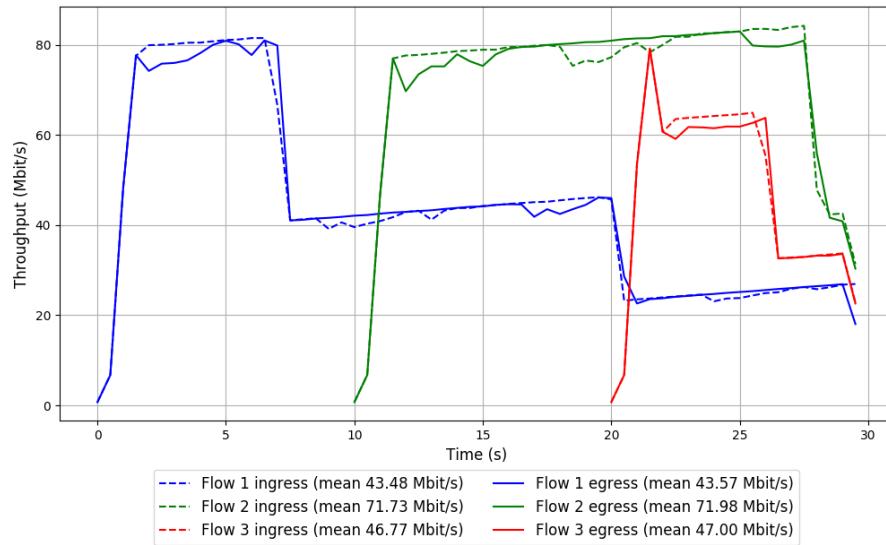


Run 5: Statistics of TCP Vegas

```
Start at: 2017-09-18 01:03:50
End at: 2017-09-18 01:04:20
Local clock offset: -2.914 ms
Remote clock offset: -2.011 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 106.69 Mbit/s
95th percentile per-packet one-way delay: 82.429 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 43.57 Mbit/s
95th percentile per-packet one-way delay: 81.126 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 71.98 Mbit/s
95th percentile per-packet one-way delay: 81.375 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 47.00 Mbit/s
95th percentile per-packet one-way delay: 83.224 ms
Loss rate: 1.22%
```

Run 5: Report of TCP Vegas — Data Link

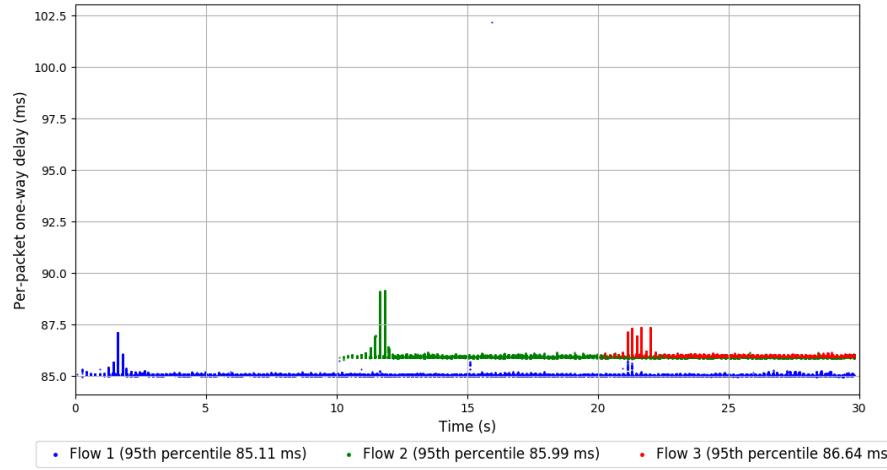
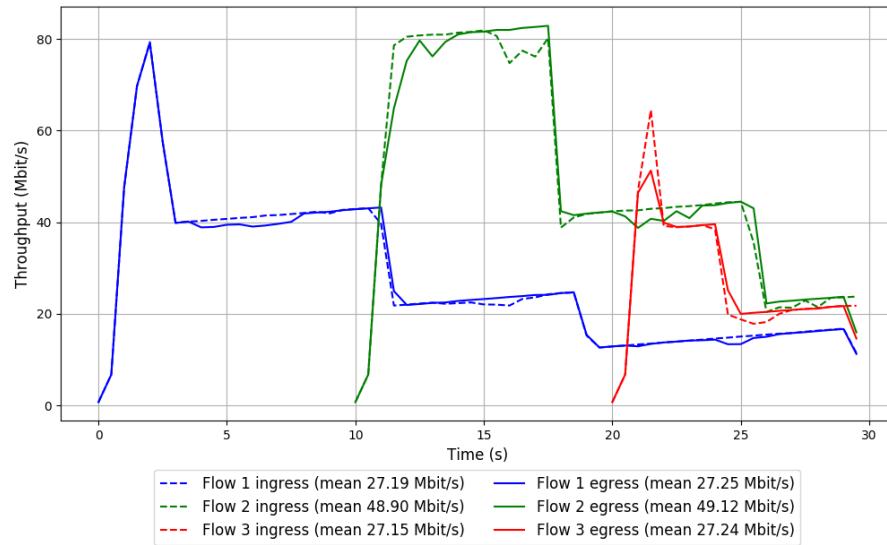


Run 6: Statistics of TCP Vegas

```
Start at: 2017-09-18 01:25:30
End at: 2017-09-18 01:26:00
Local clock offset: -2.944 ms
Remote clock offset: -6.241 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 68.72 Mbit/s
95th percentile per-packet one-way delay: 86.016 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 27.25 Mbit/s
95th percentile per-packet one-way delay: 85.111 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 49.12 Mbit/s
95th percentile per-packet one-way delay: 85.994 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 27.24 Mbit/s
95th percentile per-packet one-way delay: 86.641 ms
Loss rate: 1.37%
```

Run 6: Report of TCP Vegas — Data Link

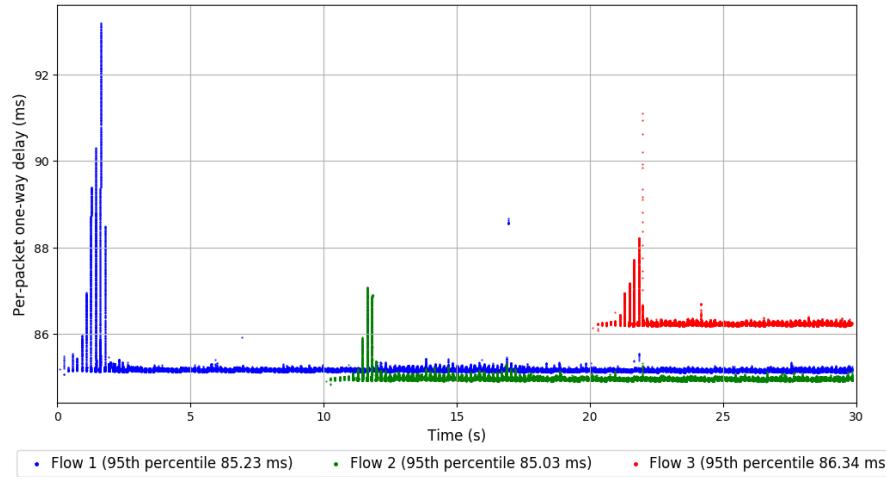
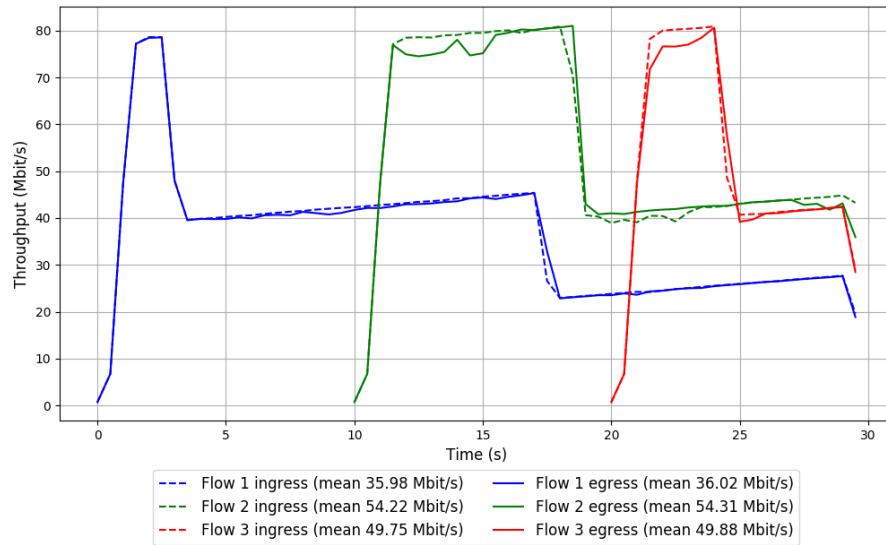


Run 7: Statistics of TCP Vegas

```
Start at: 2017-09-18 01:47:06
End at: 2017-09-18 01:47:36
Local clock offset: -2.04 ms
Remote clock offset: -6.517 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 86.262 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: 85.233 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 54.31 Mbit/s
95th percentile per-packet one-way delay: 85.031 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 49.88 Mbit/s
95th percentile per-packet one-way delay: 86.340 ms
Loss rate: 1.44%
```

Run 7: Report of TCP Vegas — Data Link

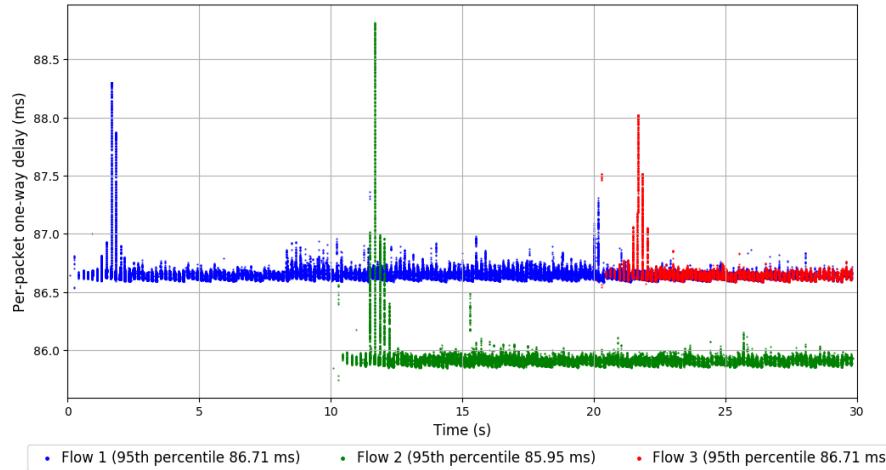
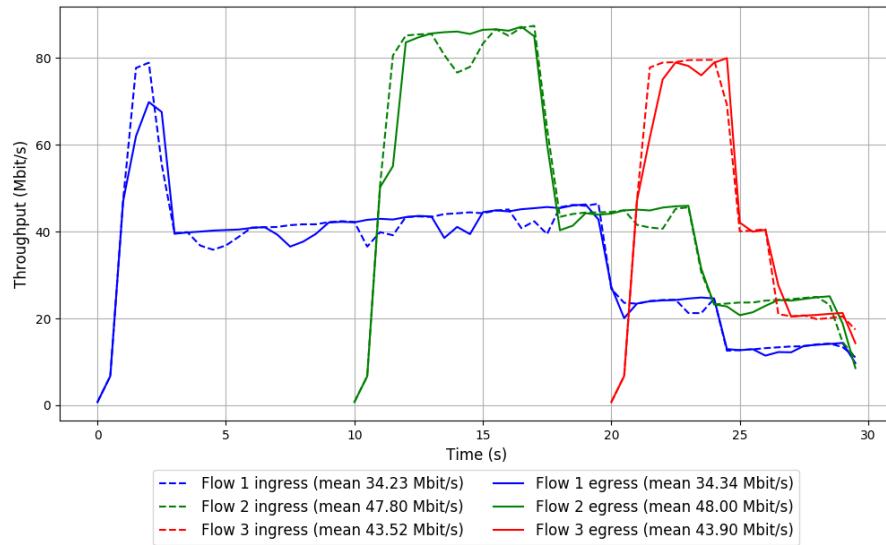


Run 8: Statistics of TCP Vegas

```
Start at: 2017-09-18 02:08:41
End at: 2017-09-18 02:09:11
Local clock offset: -1.769 ms
Remote clock offset: -6.317 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.46 Mbit/s
95th percentile per-packet one-way delay: 86.690 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 34.34 Mbit/s
95th percentile per-packet one-way delay: 86.706 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 85.955 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 43.90 Mbit/s
95th percentile per-packet one-way delay: 86.708 ms
Loss rate: 0.84%
```

Run 8: Report of TCP Vegas — Data Link

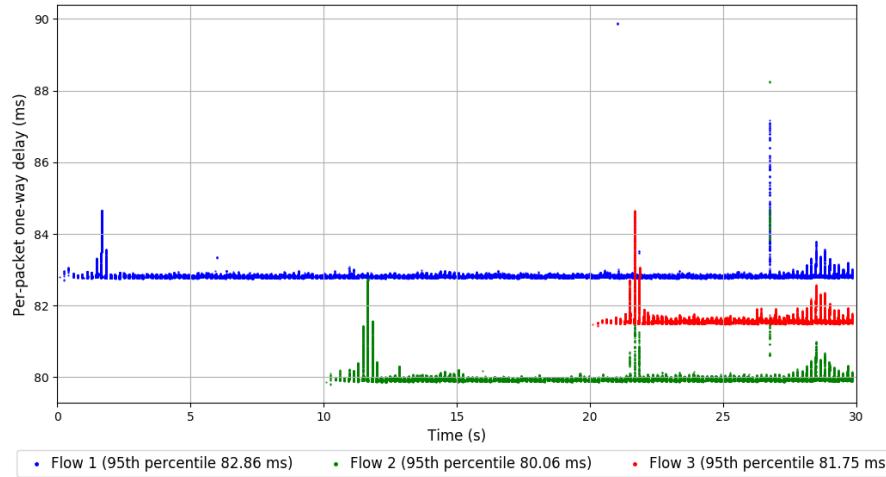
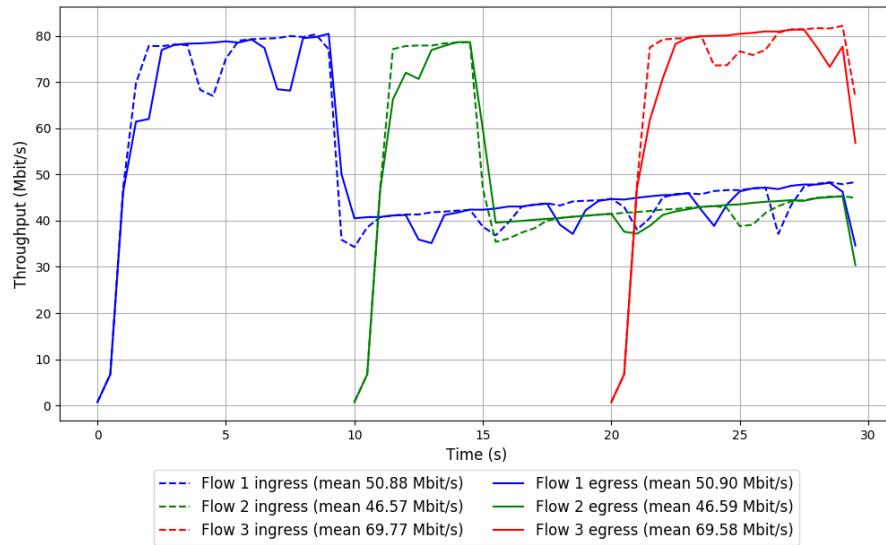


Run 9: Statistics of TCP Vegas

```
Start at: 2017-09-18 02:30:25
End at: 2017-09-18 02:30:55
Local clock offset: -1.791 ms
Remote clock offset: -1.46 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 104.57 Mbit/s
95th percentile per-packet one-way delay: 82.844 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 50.90 Mbit/s
95th percentile per-packet one-way delay: 82.859 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 80.059 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 69.58 Mbit/s
95th percentile per-packet one-way delay: 81.746 ms
Loss rate: 1.98%
```

Run 9: Report of TCP Vegas — Data Link

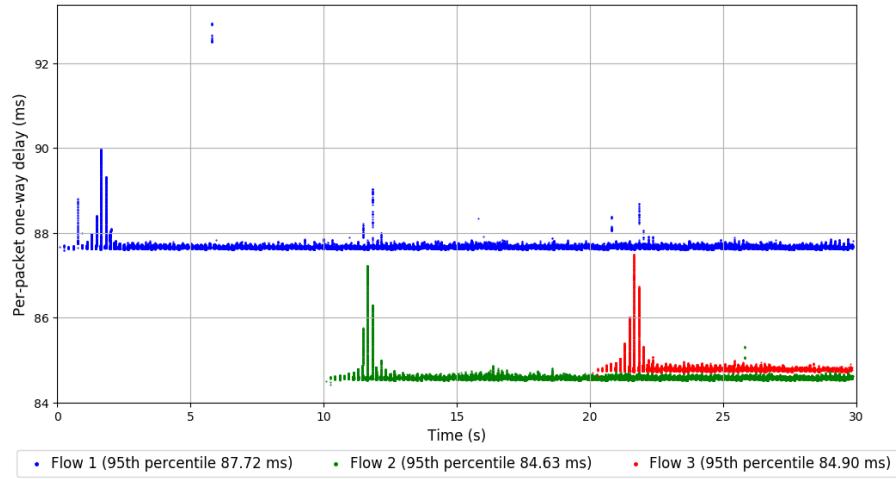
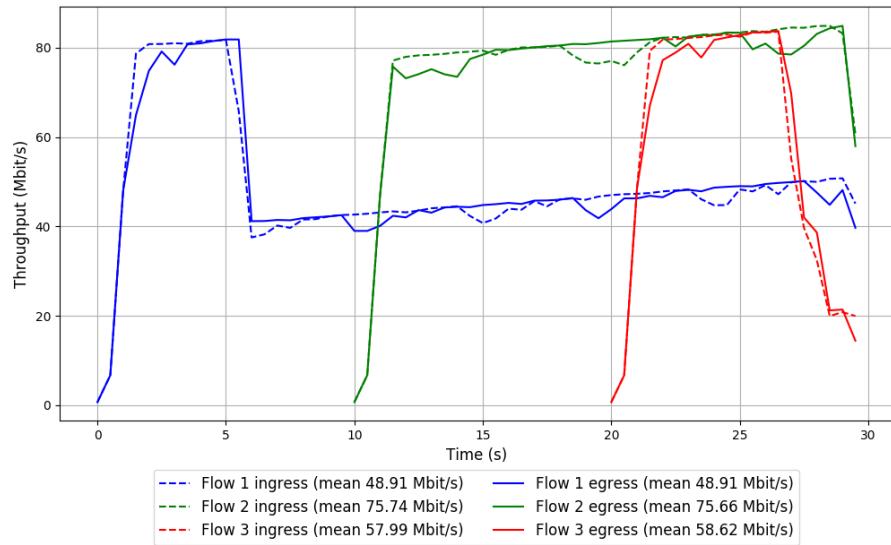


Run 10: Statistics of TCP Vegas

```
Start at: 2017-09-18 02:52:13
End at: 2017-09-18 02:52:43
Local clock offset: -1.644 ms
Remote clock offset: -6.225 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.32 Mbit/s
95th percentile per-packet one-way delay: 87.702 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 87.719 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 75.66 Mbit/s
95th percentile per-packet one-way delay: 84.629 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 58.62 Mbit/s
95th percentile per-packet one-way delay: 84.904 ms
Loss rate: 0.63%
```

Run 10: Report of TCP Vegas — Data Link

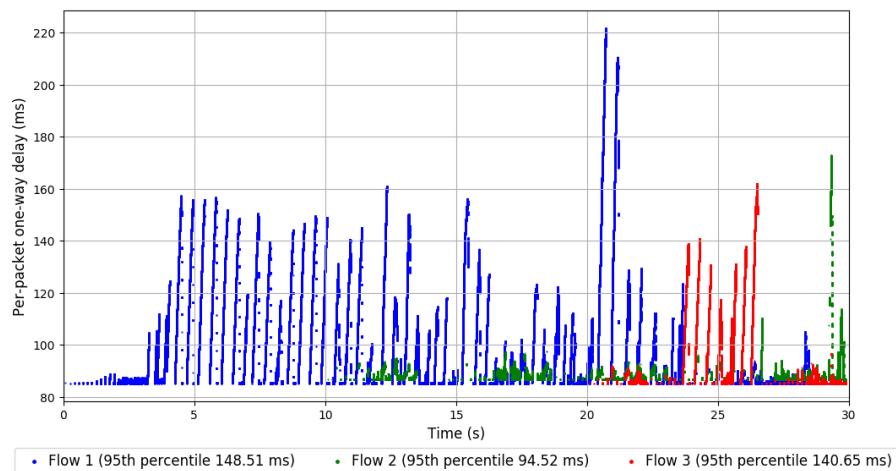
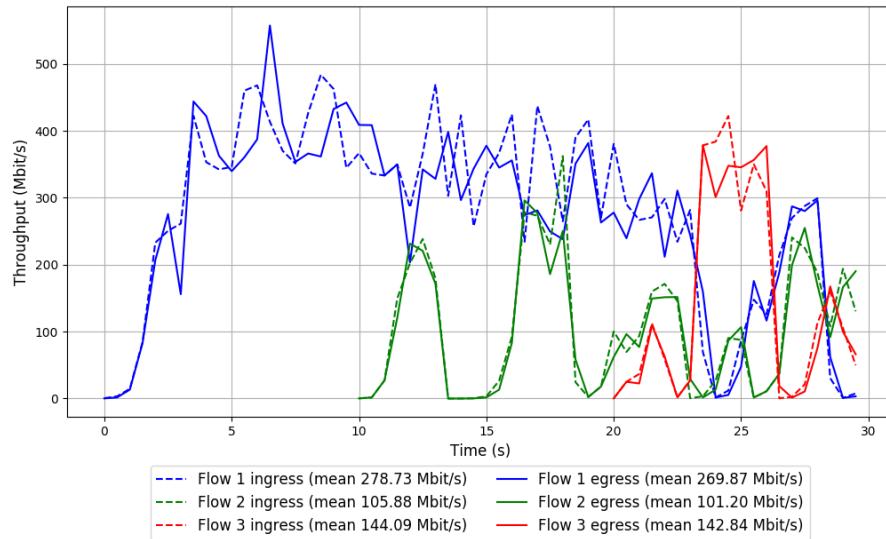


Run 1: Statistics of Verus

```
Start at: 2017-09-17 23:42:01
End at: 2017-09-17 23:42:31
Local clock offset: -4.193 ms
Remote clock offset: -7.507 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 383.46 Mbit/s
95th percentile per-packet one-way delay: 146.742 ms
Loss rate: 3.60%
-- Flow 1:
Average throughput: 269.87 Mbit/s
95th percentile per-packet one-way delay: 148.507 ms
Loss rate: 3.73%
-- Flow 2:
Average throughput: 101.20 Mbit/s
95th percentile per-packet one-way delay: 94.520 ms
Loss rate: 4.48%
-- Flow 3:
Average throughput: 142.84 Mbit/s
95th percentile per-packet one-way delay: 140.648 ms
Loss rate: 1.55%
```

Run 1: Report of Verus — Data Link

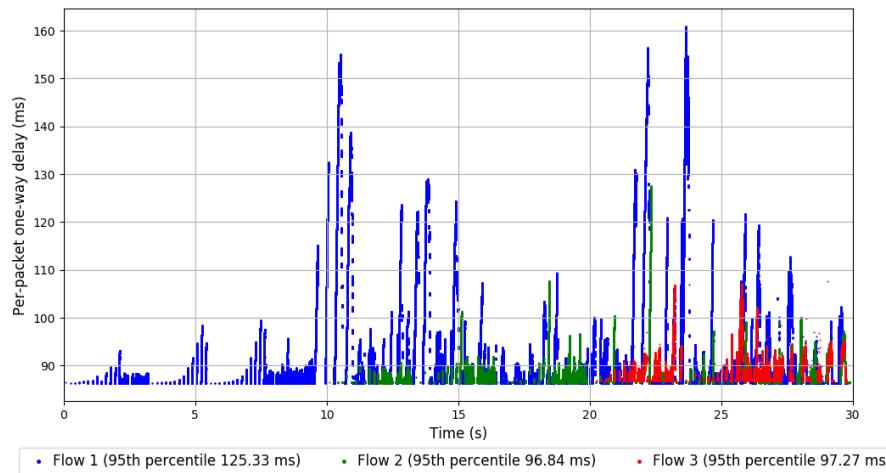
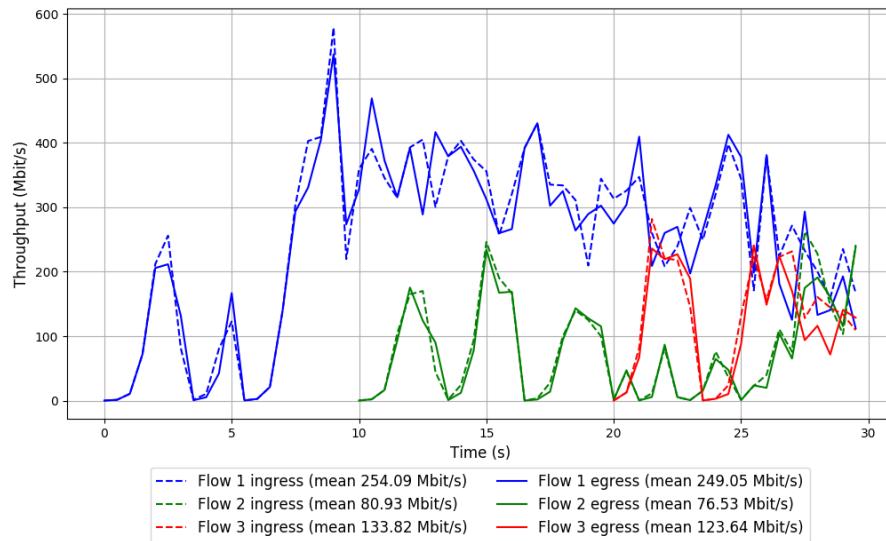


Run 2: Statistics of Verus

```
Start at: 2017-09-18 00:03:28
End at: 2017-09-18 00:03:58
Local clock offset: -2.626 ms
Remote clock offset: -6.627 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 338.93 Mbit/s
95th percentile per-packet one-way delay: 120.807 ms
Loss rate: 4.23%
-- Flow 1:
Average throughput: 249.05 Mbit/s
95th percentile per-packet one-way delay: 125.328 ms
Loss rate: 2.95%
-- Flow 2:
Average throughput: 76.53 Mbit/s
95th percentile per-packet one-way delay: 96.836 ms
Loss rate: 6.24%
-- Flow 3:
Average throughput: 123.64 Mbit/s
95th percentile per-packet one-way delay: 97.268 ms
Loss rate: 9.19%
```

Run 2: Report of Verus — Data Link

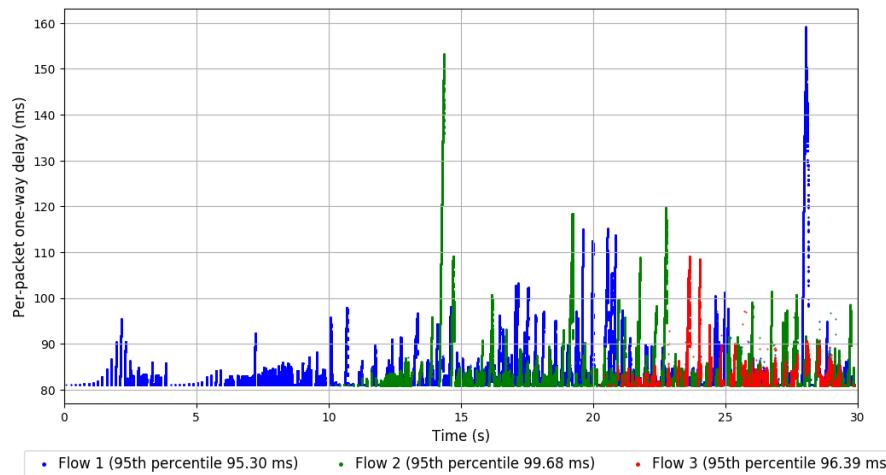
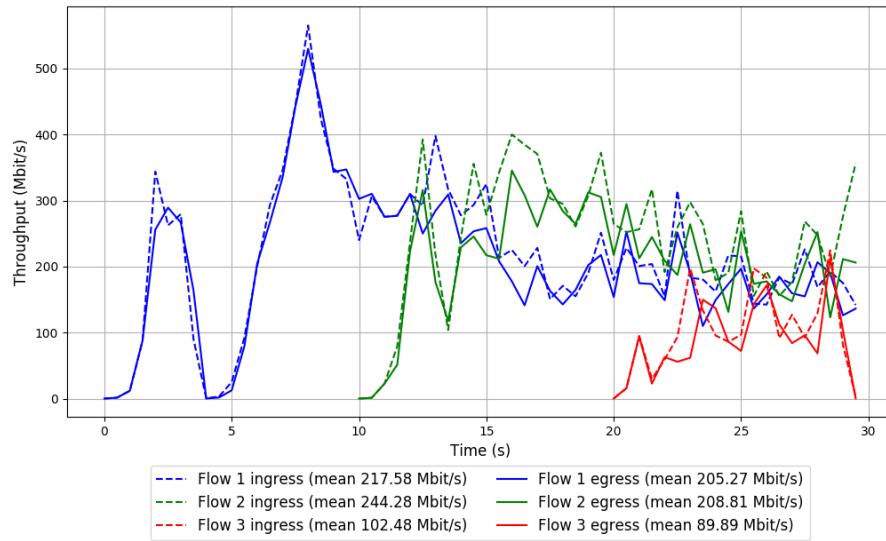


Run 3: Statistics of Verus

```
Start at: 2017-09-18 00:24:58
End at: 2017-09-18 00:25:28
Local clock offset: -3.254 ms
Remote clock offset: -1.919 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 372.85 Mbit/s
95th percentile per-packet one-way delay: 97.264 ms
Loss rate: 10.46%
-- Flow 1:
Average throughput: 205.27 Mbit/s
95th percentile per-packet one-way delay: 95.303 ms
Loss rate: 6.43%
-- Flow 2:
Average throughput: 208.81 Mbit/s
95th percentile per-packet one-way delay: 99.683 ms
Loss rate: 15.15%
-- Flow 3:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: 96.387 ms
Loss rate: 13.80%
```

Run 3: Report of Verus — Data Link

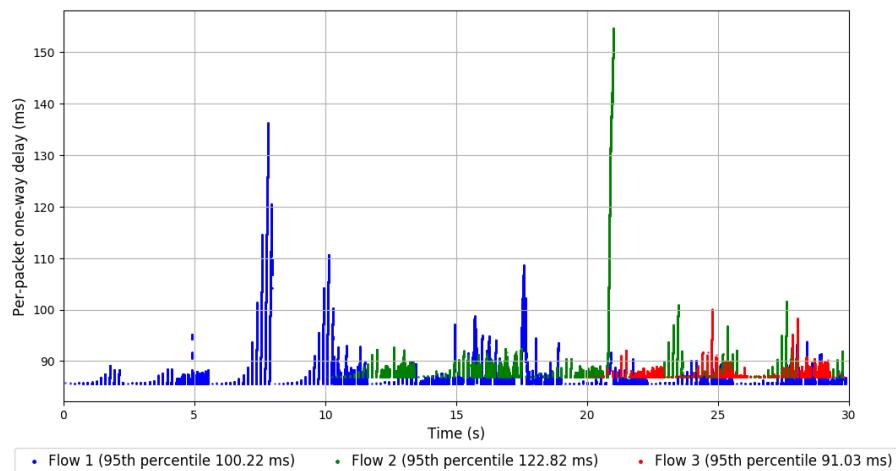
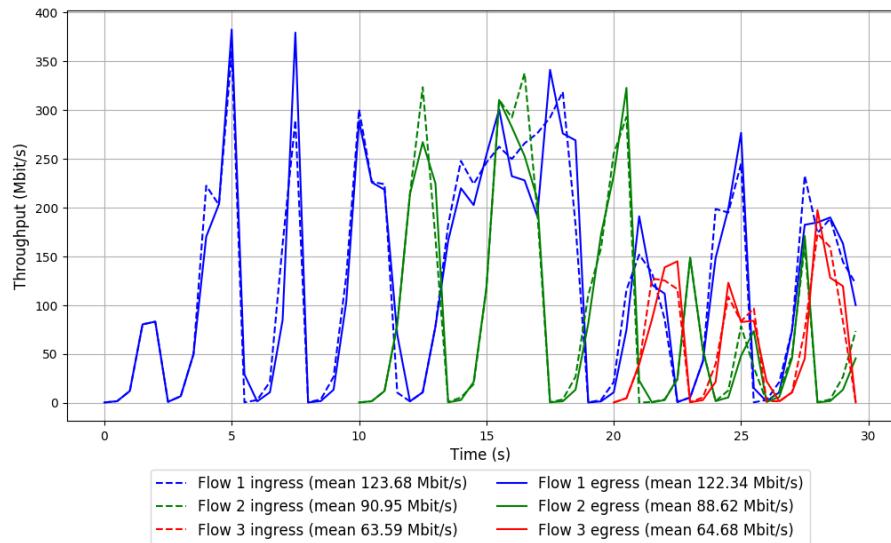


Run 4: Statistics of Verus

```
Start at: 2017-09-18 00:46:31
End at: 2017-09-18 00:47:01
Local clock offset: -3.155 ms
Remote clock offset: -6.311 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 201.81 Mbit/s
95th percentile per-packet one-way delay: 100.341 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 122.34 Mbit/s
95th percentile per-packet one-way delay: 100.223 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 88.62 Mbit/s
95th percentile per-packet one-way delay: 122.823 ms
Loss rate: 3.44%
-- Flow 3:
Average throughput: 64.68 Mbit/s
95th percentile per-packet one-way delay: 91.035 ms
Loss rate: 0.04%
```

Run 4: Report of Verus — Data Link

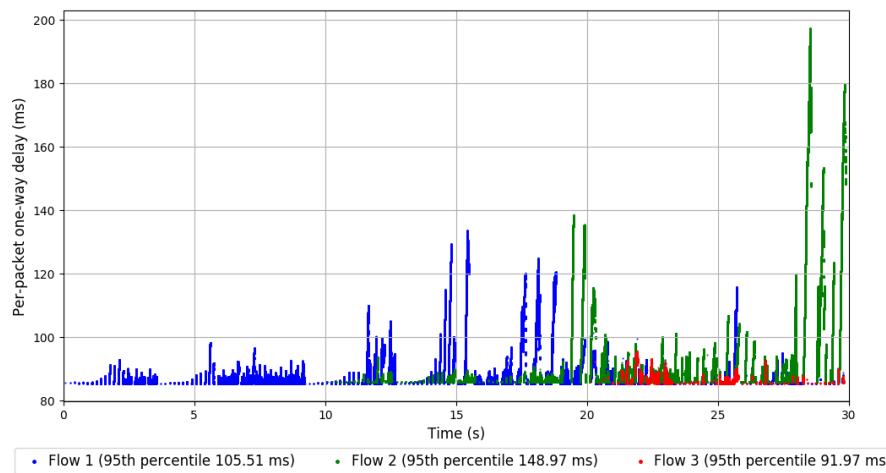
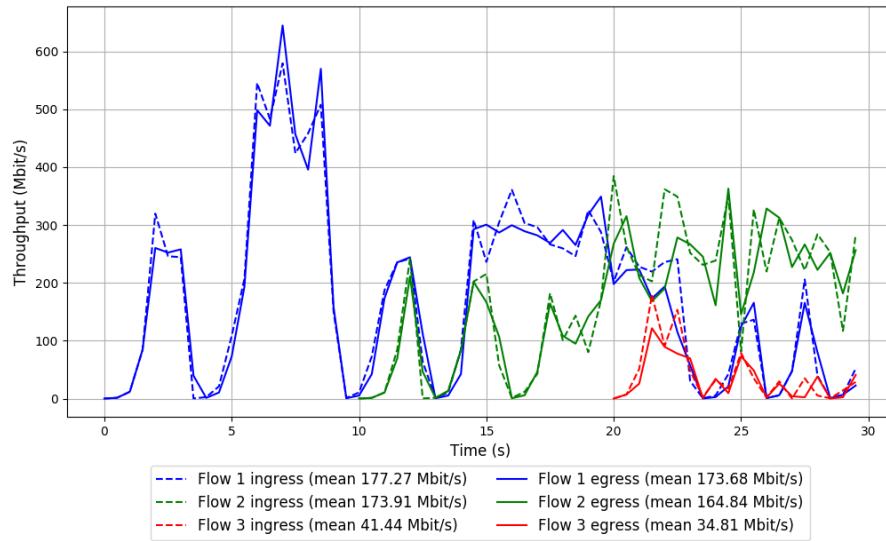


Run 5: Statistics of Verus

```
Start at: 2017-09-18 01:08:09
End at: 2017-09-18 01:08:39
Local clock offset: -2.821 ms
Remote clock offset: -6.508 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 293.85 Mbit/s
95th percentile per-packet one-way delay: 115.635 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 173.68 Mbit/s
95th percentile per-packet one-way delay: 105.507 ms
Loss rate: 2.65%
-- Flow 2:
Average throughput: 164.84 Mbit/s
95th percentile per-packet one-way delay: 148.965 ms
Loss rate: 5.00%
-- Flow 3:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 91.971 ms
Loss rate: 17.11%
```

Run 5: Report of Verus — Data Link

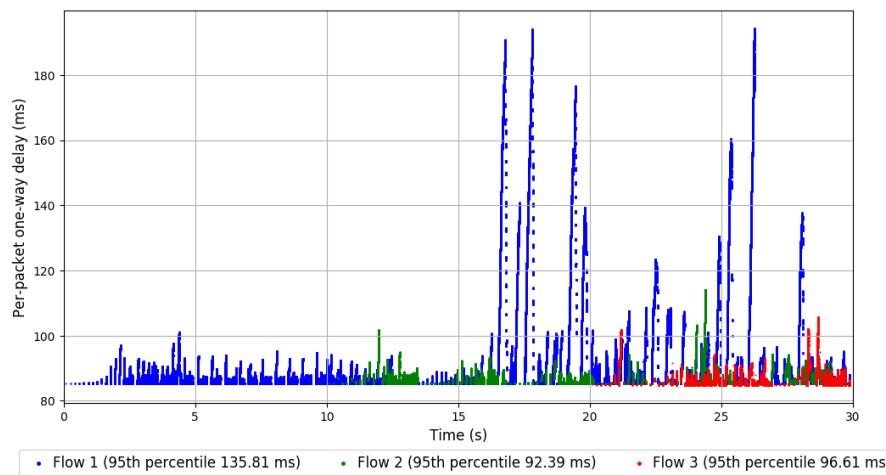
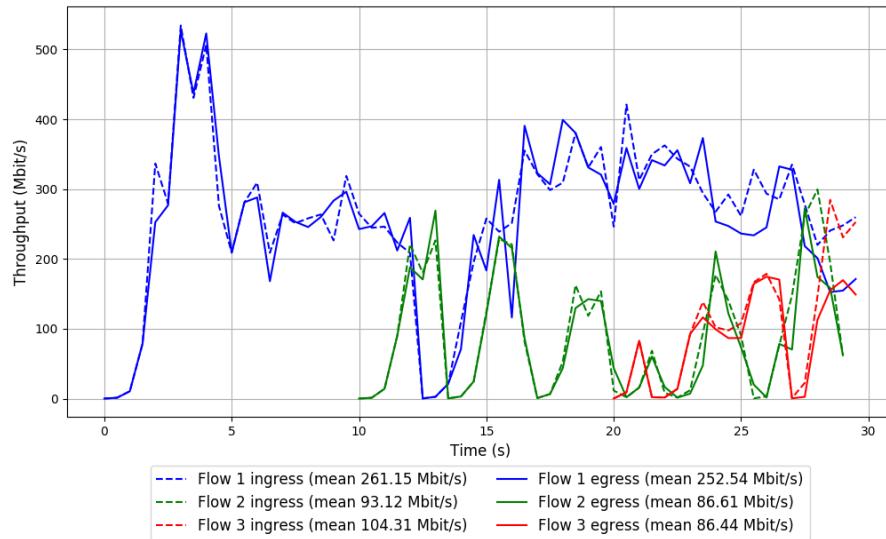


Run 6: Statistics of Verus

```
Start at: 2017-09-18 01:29:40
End at: 2017-09-18 01:30:10
Local clock offset: -2.808 ms
Remote clock offset: -6.659 ms

# Below is generated by plot.py at 2017-09-18 07:57:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 336.61 Mbit/s
95th percentile per-packet one-way delay: 128.245 ms
Loss rate: 5.78%
-- Flow 1:
Average throughput: 252.54 Mbit/s
95th percentile per-packet one-way delay: 135.813 ms
Loss rate: 3.76%
-- Flow 2:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 92.394 ms
Loss rate: 7.26%
-- Flow 3:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 96.606 ms
Loss rate: 18.48%
```

Run 6: Report of Verus — Data Link

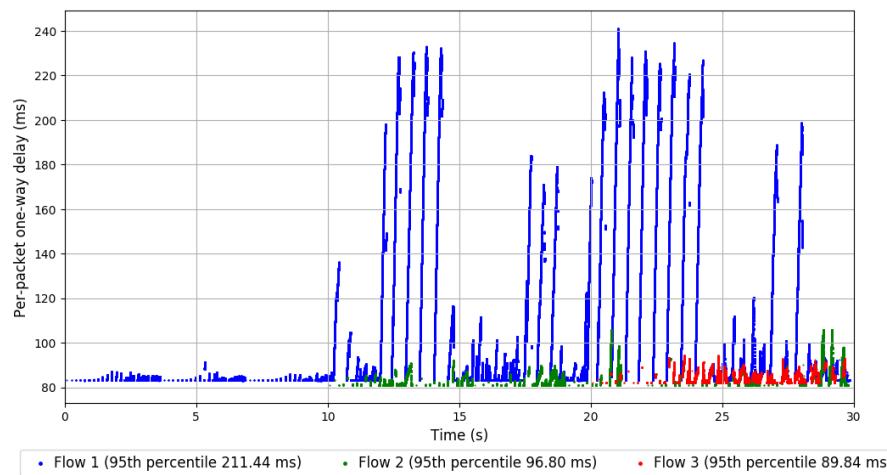
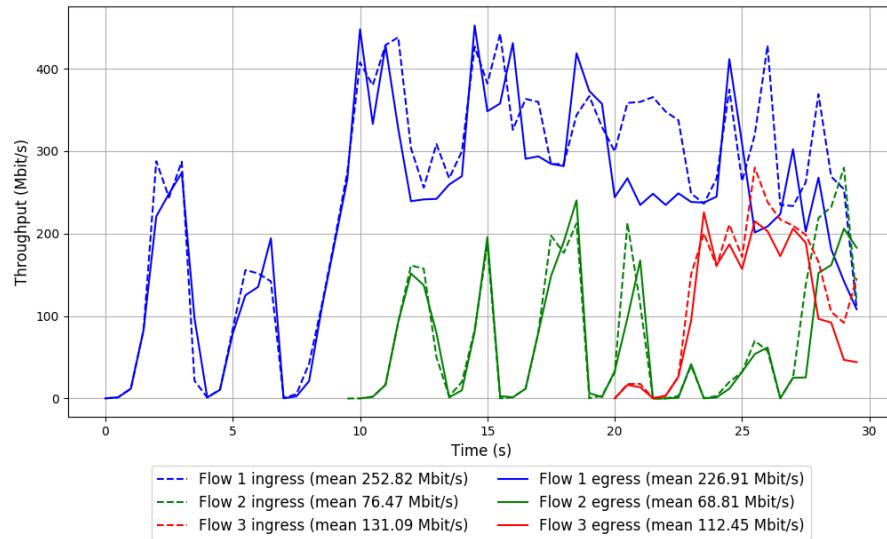


Run 7: Statistics of Verus

```
Start at: 2017-09-18 01:51:17
End at: 2017-09-18 01:51:47
Local clock offset: -1.882 ms
Remote clock offset: -2.633 ms

# Below is generated by plot.py at 2017-09-18 07:57:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 308.59 Mbit/s
95th percentile per-packet one-way delay: 206.500 ms
Loss rate: 11.33%
-- Flow 1:
Average throughput: 226.91 Mbit/s
95th percentile per-packet one-way delay: 211.440 ms
Loss rate: 10.25%
-- Flow 2:
Average throughput: 68.81 Mbit/s
95th percentile per-packet one-way delay: 96.799 ms
Loss rate: 11.28%
-- Flow 3:
Average throughput: 112.45 Mbit/s
95th percentile per-packet one-way delay: 89.836 ms
Loss rate: 17.65%
```

Run 7: Report of Verus — Data Link

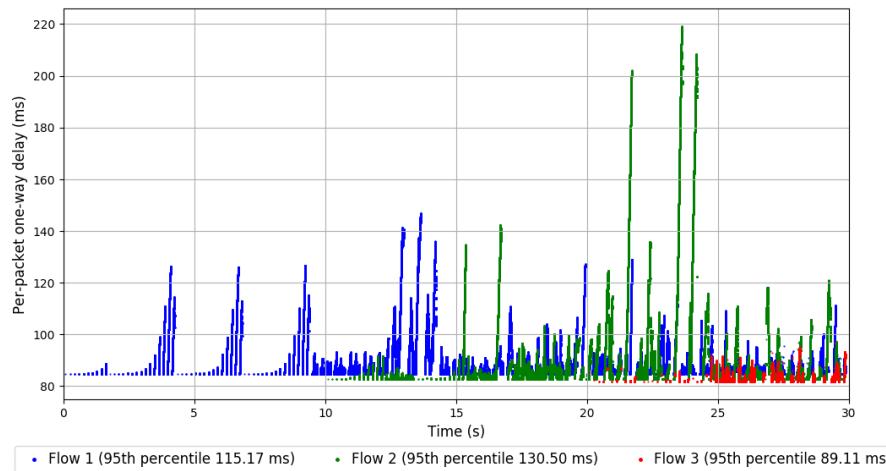
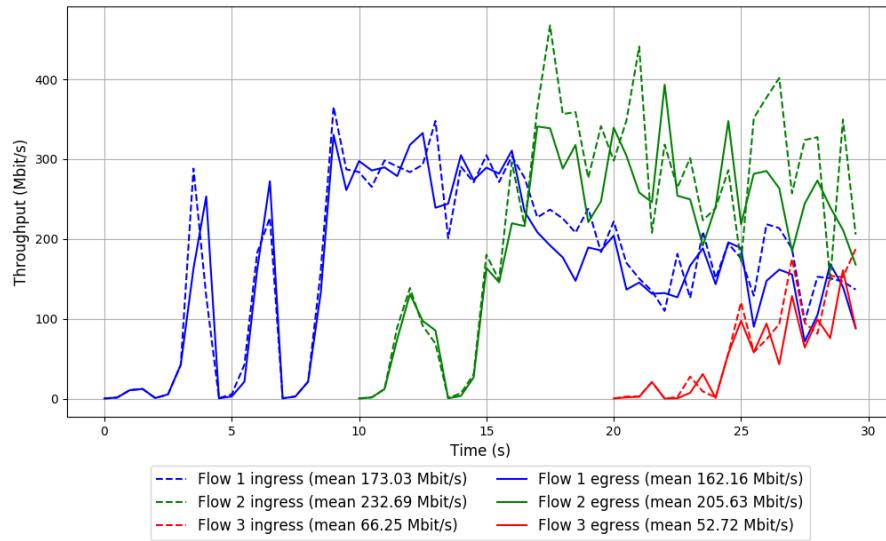


Run 8: Statistics of Verus

```
Start at: 2017-09-18 02:12:52
End at: 2017-09-18 02:13:22
Local clock offset: -1.77 ms
Remote clock offset: -3.242 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 315.79 Mbit/s
95th percentile per-packet one-way delay: 119.582 ms
Loss rate: 10.14%
-- Flow 1:
Average throughput: 162.16 Mbit/s
95th percentile per-packet one-way delay: 115.165 ms
Loss rate: 6.56%
-- Flow 2:
Average throughput: 205.63 Mbit/s
95th percentile per-packet one-way delay: 130.498 ms
Loss rate: 12.50%
-- Flow 3:
Average throughput: 52.72 Mbit/s
95th percentile per-packet one-way delay: 89.111 ms
Loss rate: 21.60%
```

Run 8: Report of Verus — Data Link

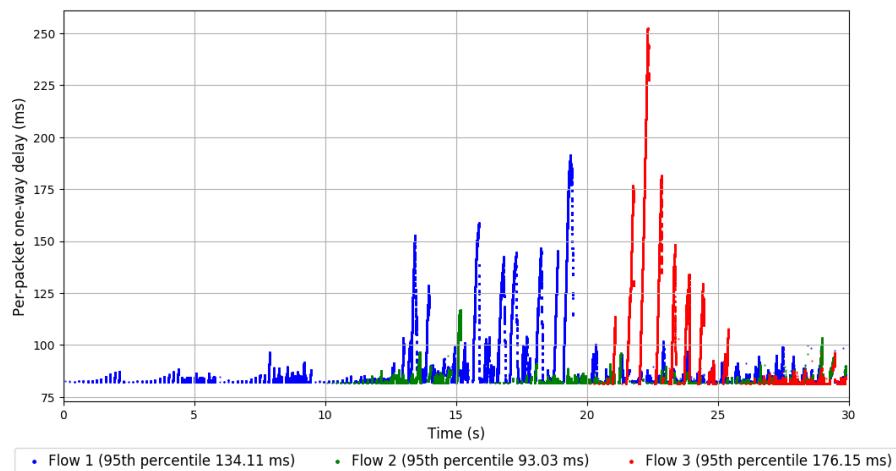
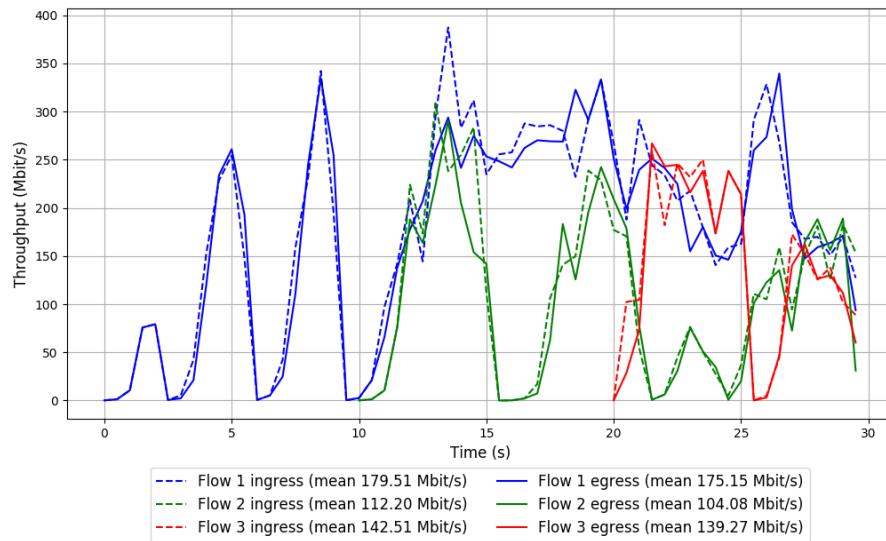


Run 9: Statistics of Verus

```
Start at: 2017-09-18 02:34:36
End at: 2017-09-18 02:35:06
Local clock offset: -1.731 ms
Remote clock offset: -1.39 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 289.90 Mbit/s
95th percentile per-packet one-way delay: 135.963 ms
Loss rate: 4.39%
-- Flow 1:
Average throughput: 175.15 Mbit/s
95th percentile per-packet one-way delay: 134.114 ms
Loss rate: 2.99%
-- Flow 2:
Average throughput: 104.08 Mbit/s
95th percentile per-packet one-way delay: 93.030 ms
Loss rate: 8.02%
-- Flow 3:
Average throughput: 139.27 Mbit/s
95th percentile per-packet one-way delay: 176.150 ms
Loss rate: 3.99%
```

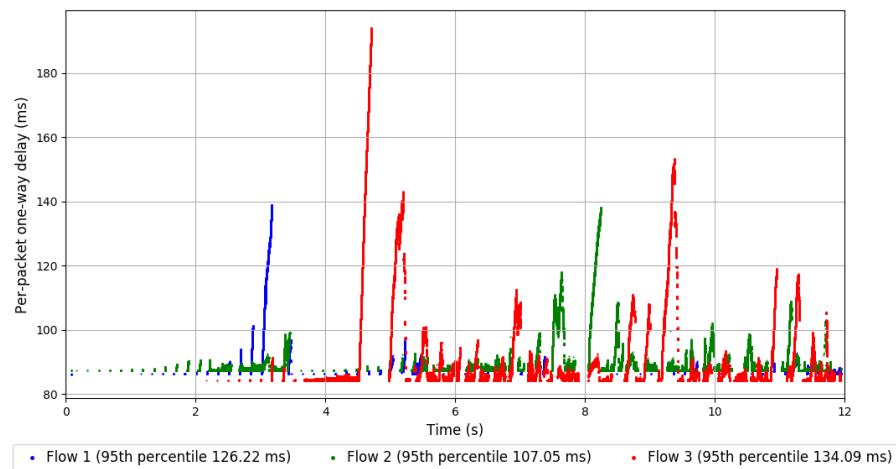
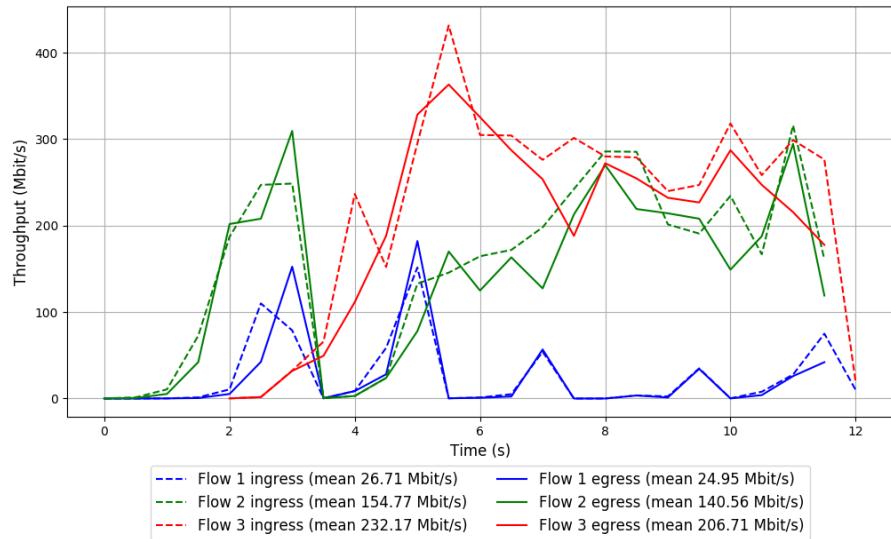
Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-09-18 02:56:27
End at: 2017-09-18 02:56:57
Local clock offset: -1.561 ms
Remote clock offset: -5.857 ms

Run 10: Report of Verus — Data Link

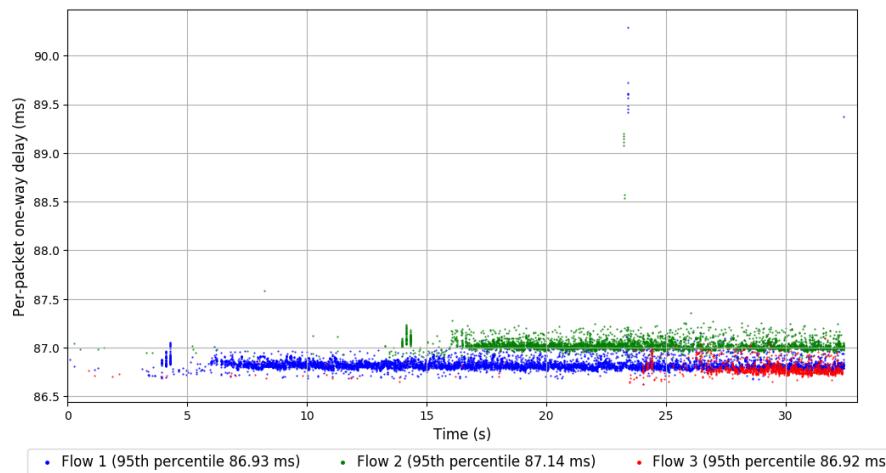
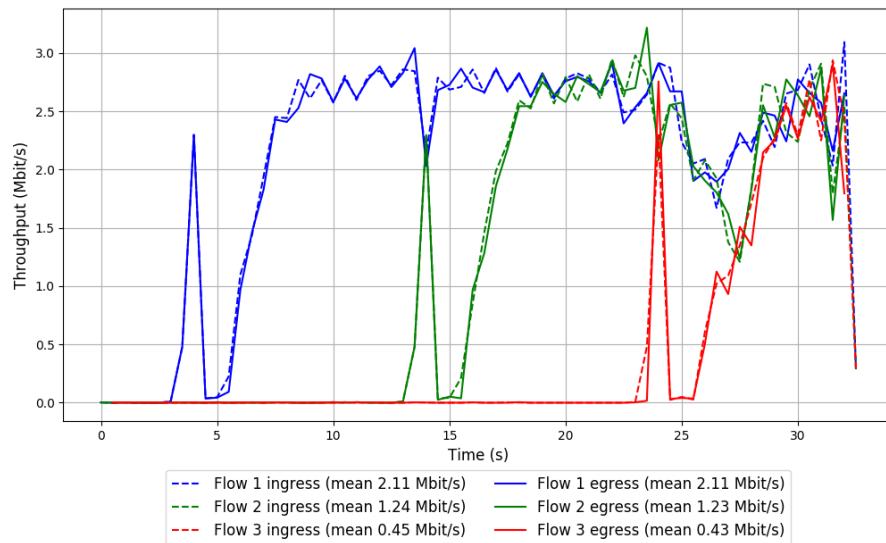


Run 1: Statistics of WebRTC media

```
Start at: 2017-09-17 23:33:54
End at: 2017-09-17 23:34:24
Local clock offset: -5.106 ms
Remote clock offset: -7.773 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 87.079 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 86.928 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 87.141 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.925 ms
Loss rate: 4.72%
```

Run 1: Report of WebRTC media — Data Link

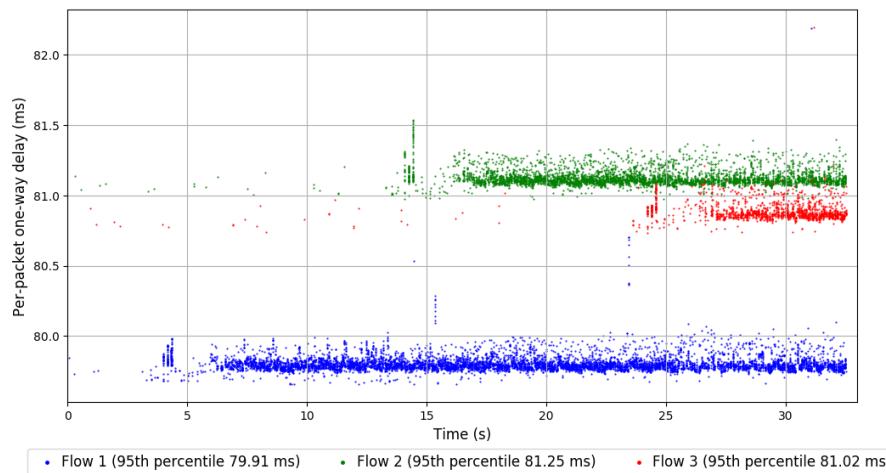
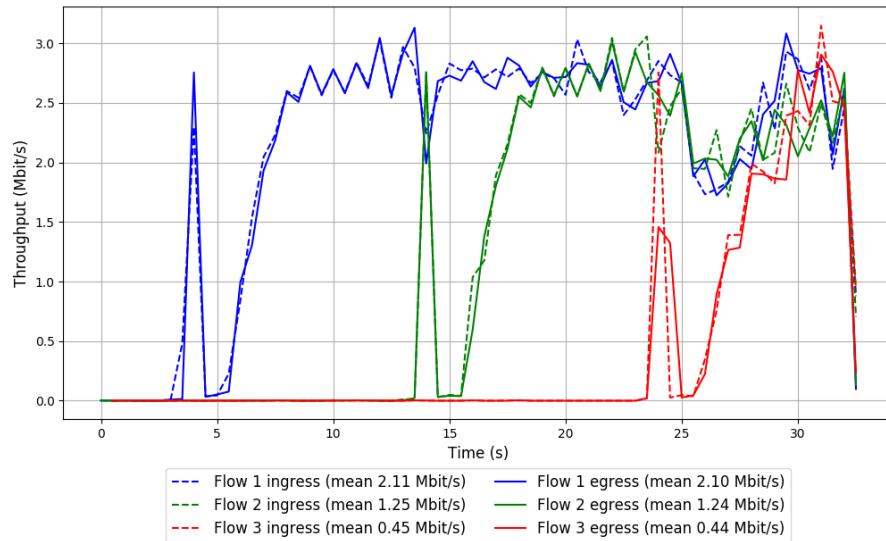


Run 2: Statistics of WebRTC media

```
Start at: 2017-09-17 23:55:14
End at: 2017-09-17 23:55:44
Local clock offset: -2.816 ms
Remote clock offset: -1.637 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 81.171 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 79.912 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 81.245 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 81.023 ms
Loss rate: 3.89%
```

Run 2: Report of WebRTC media — Data Link

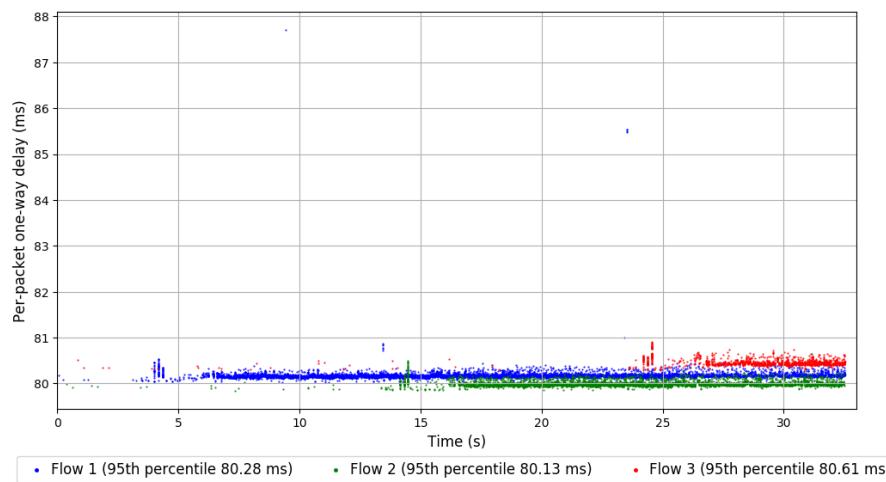
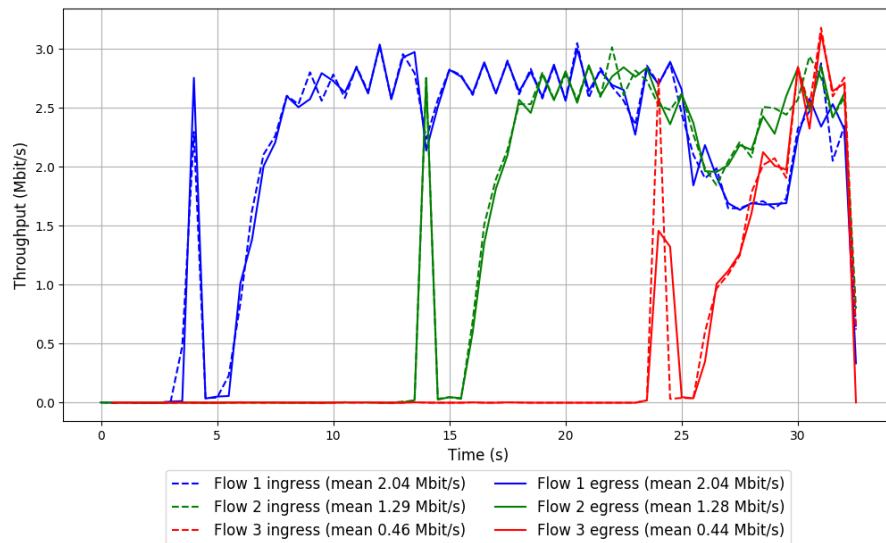


Run 3: Statistics of WebRTC media

```
Start at: 2017-09-18 00:16:50
End at: 2017-09-18 00:17:20
Local clock offset: -3.029 ms
Remote clock offset: -1.397 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 80.450 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 80.281 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 80.126 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 80.607 ms
Loss rate: 3.74%
```

Run 3: Report of WebRTC media — Data Link

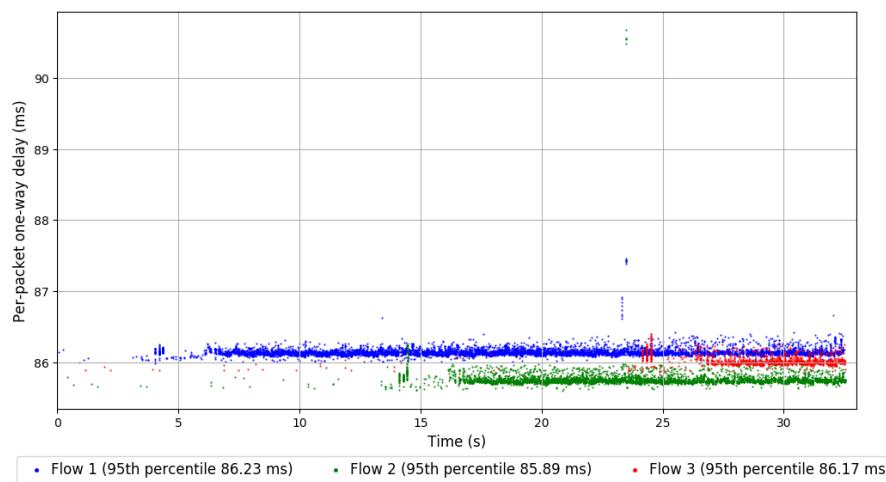
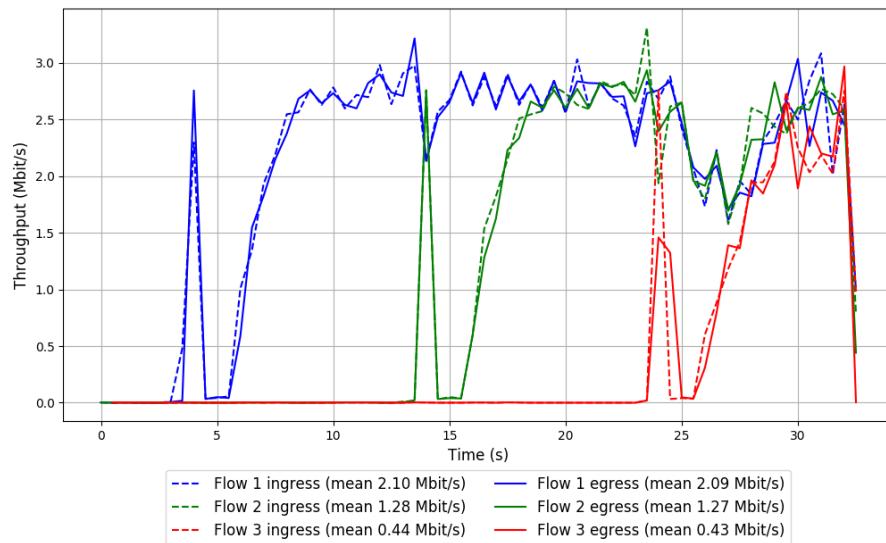


Run 4: Statistics of WebRTC media

```
Start at: 2017-09-18 00:38:08
End at: 2017-09-18 00:38:38
Local clock offset: -3.093 ms
Remote clock offset: -5.807 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 86.208 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 86.234 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 85.890 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.168 ms
Loss rate: 3.51%
```

Run 4: Report of WebRTC media — Data Link

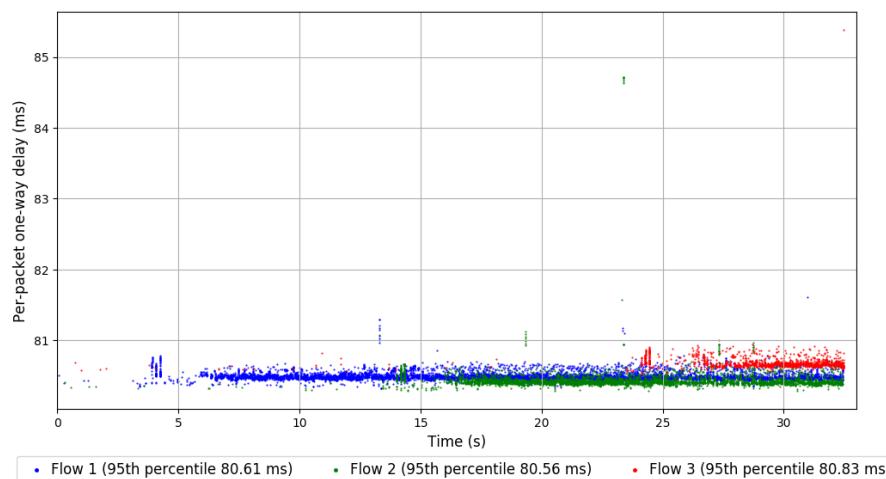
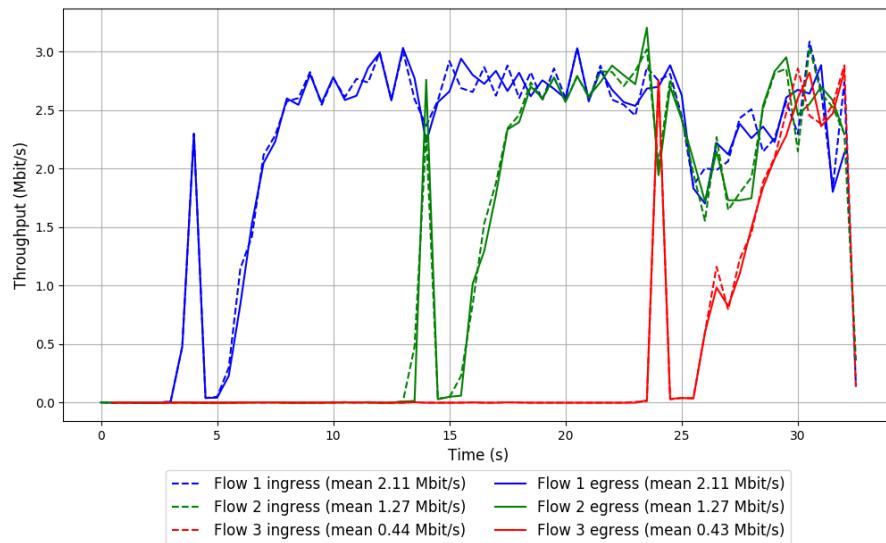


Run 5: Statistics of WebRTC media

```
Start at: 2017-09-18 00:59:35
End at: 2017-09-18 01:00:05
Local clock offset: -2.861 ms
Remote clock offset: -1.482 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 80.680 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 80.613 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 80.563 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 80.826 ms
Loss rate: 2.30%
```

Run 5: Report of WebRTC media — Data Link

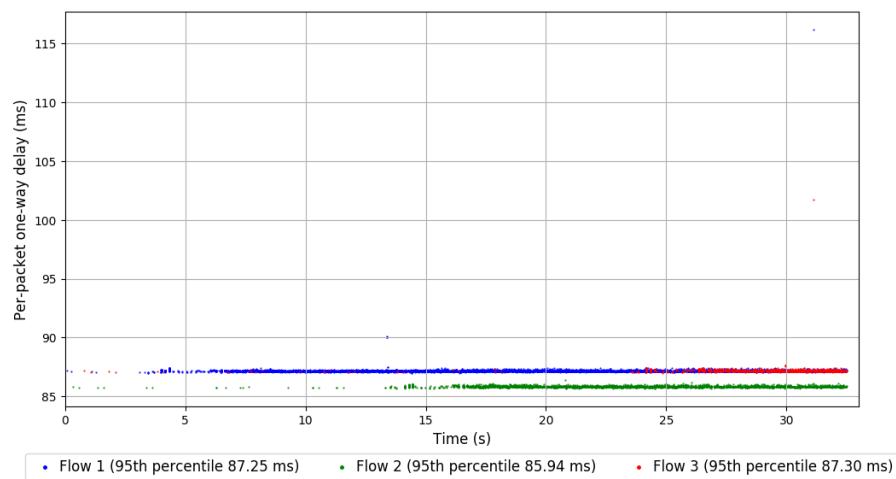
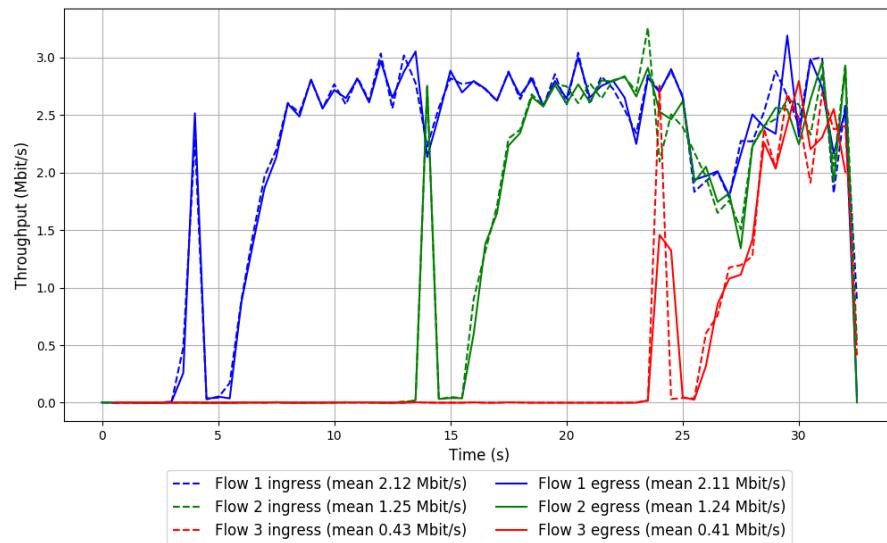


Run 6: Statistics of WebRTC media

```
Start at: 2017-09-18 01:21:15
End at: 2017-09-18 01:21:45
Local clock offset: -2.937 ms
Remote clock offset: -6.871 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 87.242 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 87.255 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 85.938 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 87.299 ms
Loss rate: 3.75%
```

Run 6: Report of WebRTC media — Data Link

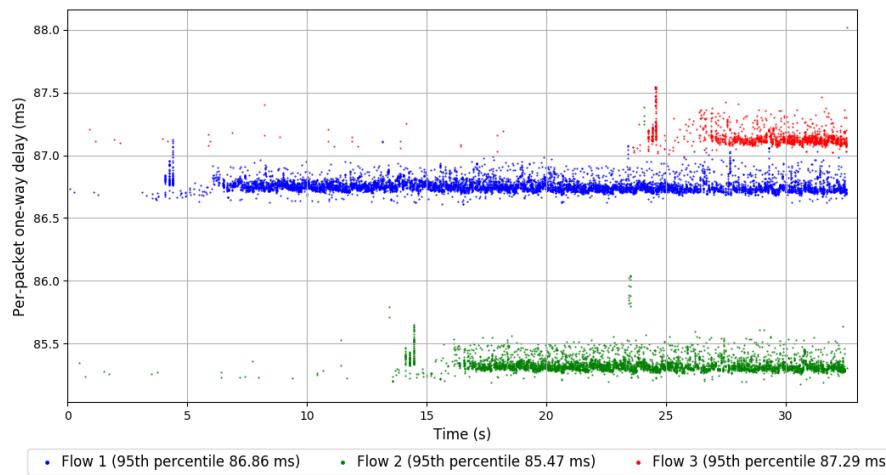
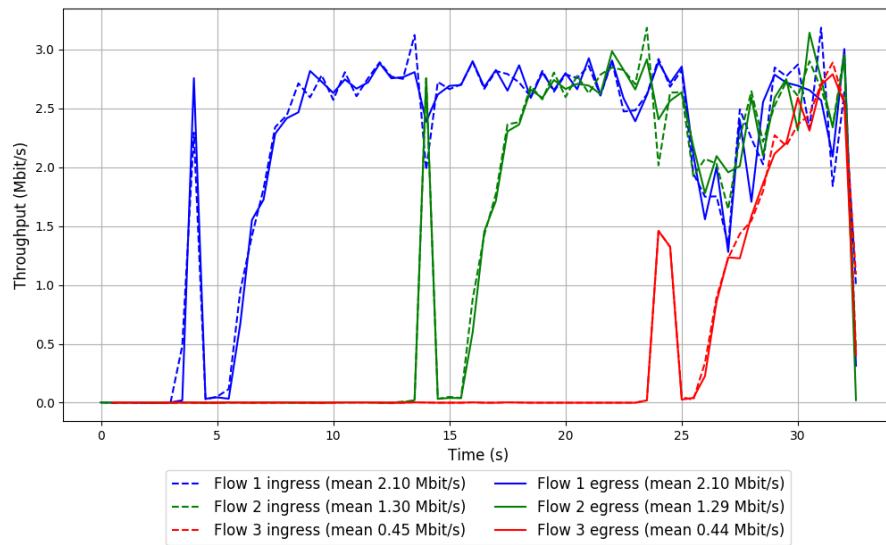


Run 7: Statistics of WebRTC media

```
Start at: 2017-09-18 01:43:01
End at: 2017-09-18 01:43:31
Local clock offset: -2.228 ms
Remote clock offset: -6.667 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 87.133 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 86.865 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 85.466 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 87.293 ms
Loss rate: 3.80%
```

Run 7: Report of WebRTC media — Data Link

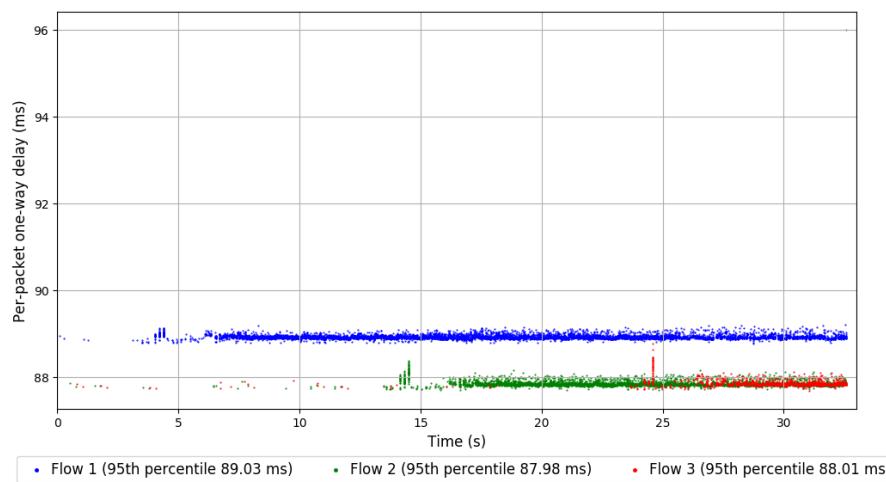
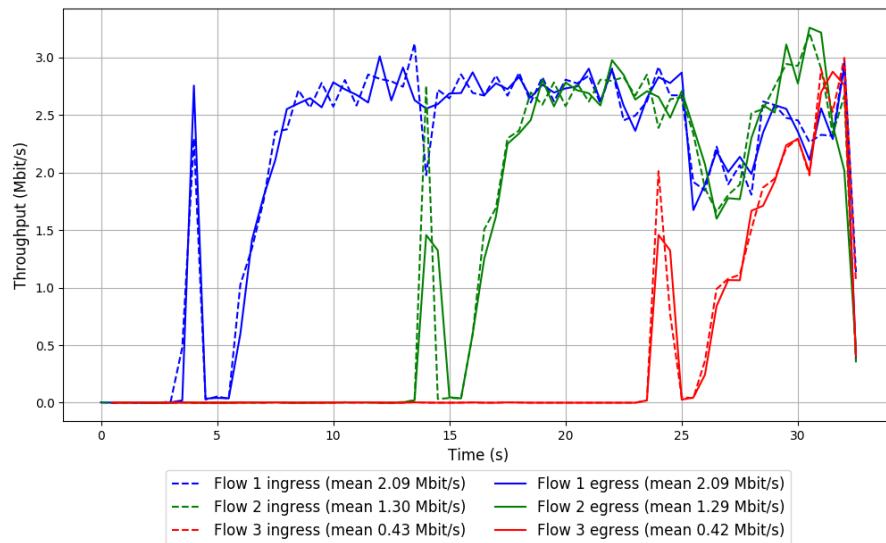


Run 8: Statistics of WebRTC media

```
Start at: 2017-09-18 02:04:37
End at: 2017-09-18 02:05:07
Local clock offset: -1.829 ms
Remote clock offset: -7.588 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 88.997 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 89.028 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 87.985 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 88.010 ms
Loss rate: 3.79%
```

Run 8: Report of WebRTC media — Data Link

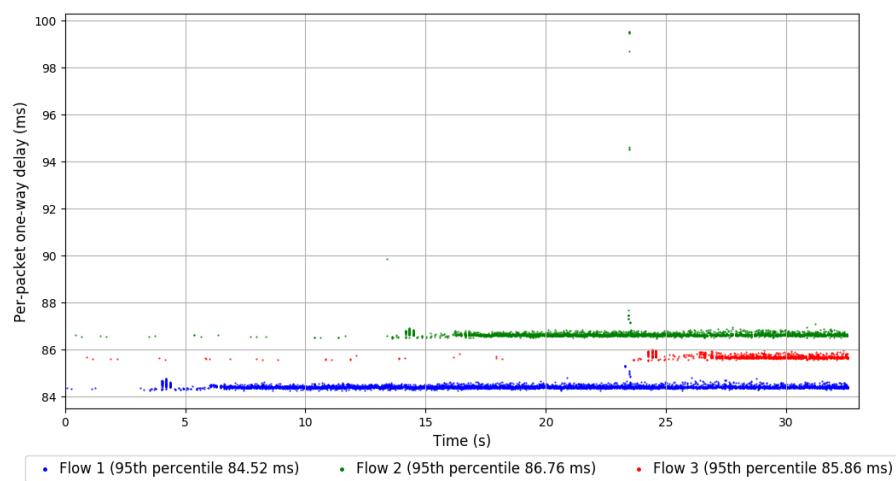
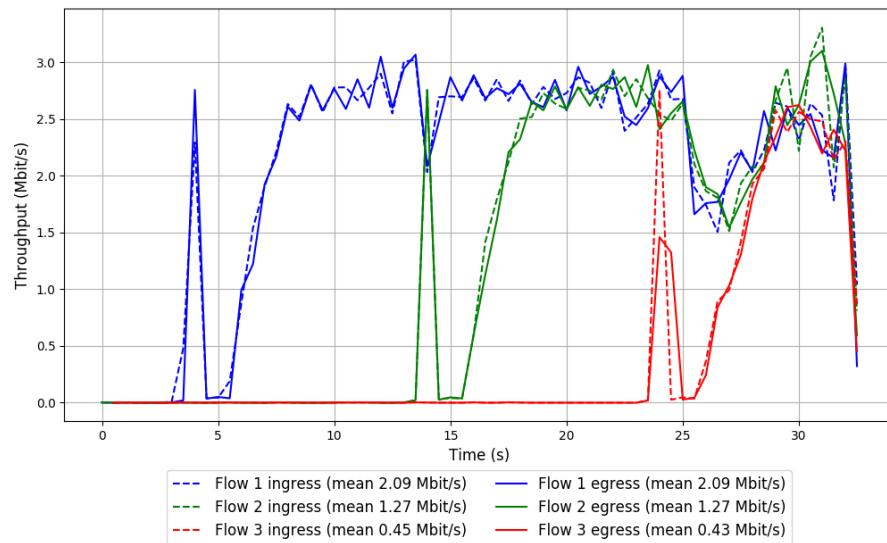


Run 9: Statistics of WebRTC media

```
Start at: 2017-09-18 02:26:21
End at: 2017-09-18 02:26:51
Local clock offset: -1.693 ms
Remote clock offset: -6.315 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 86.687 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 84.524 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 86.763 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 85.863 ms
Loss rate: 3.06%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2017-09-18 02:48:07
End at: 2017-09-18 02:48:37
Local clock offset: -1.666 ms
Remote clock offset: -6.575 ms

# Below is generated by plot.py at 2017-09-18 07:57:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 86.764 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 85.226 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 86.837 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 86.355 ms
Loss rate: 2.38%
```

Run 10: Report of WebRTC media — Data Link

