

## Pantheon Report

Generated at 2017-08-13 07:35:29 (UTC).

Data path: India ppp0 (*remote*) → AWS India 1 Ethernet (*local*).

Repeated the test of 15 congestion control schemes 3 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).

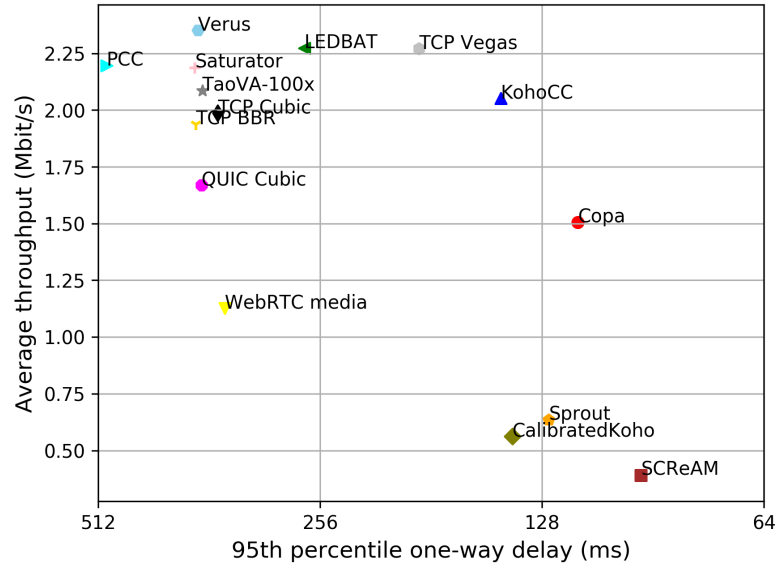
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

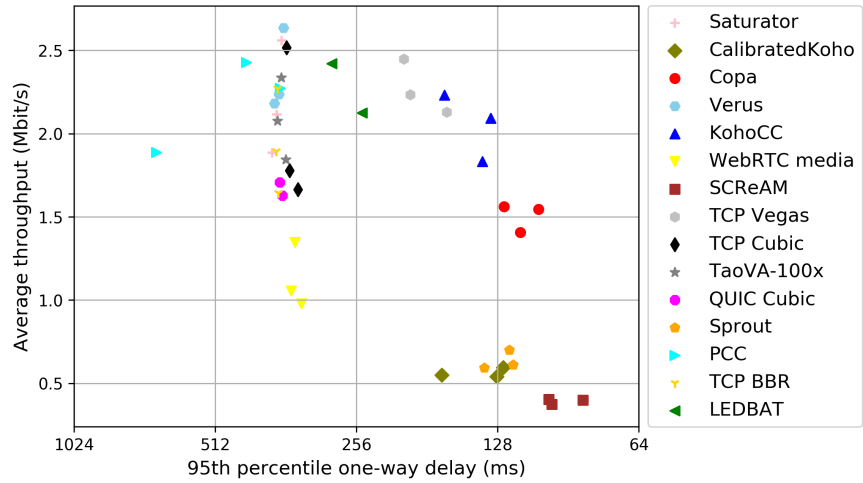
Git summary:

```
branch: master @ e43be7582298d552838afcf6382342bf187fbbd6
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 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-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
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 India ppp0 to AWS India 1 Ethernet, 3 runs of 30s each per scheme  
3 flows with 10s interval between flows (mean of all runs by scheme)



test from India ppp0 to AWS India 1 Ethernet, 3 runs of 30s each per scheme  
3 flows with 10s interval between flows



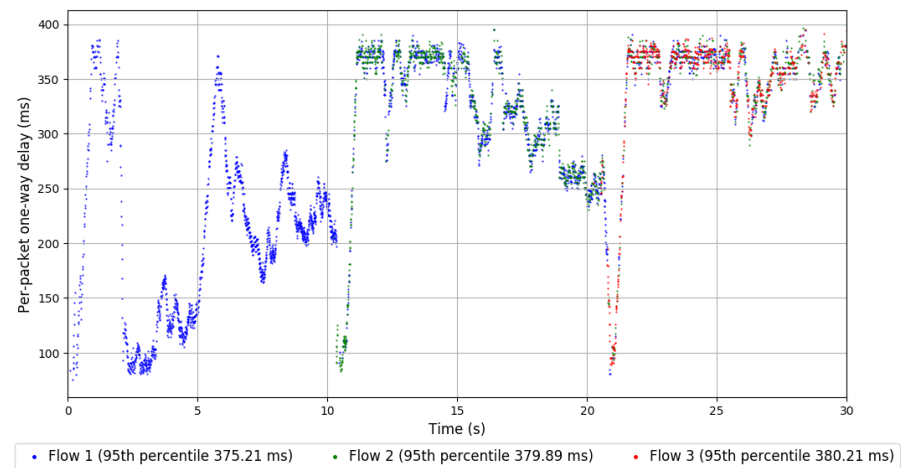
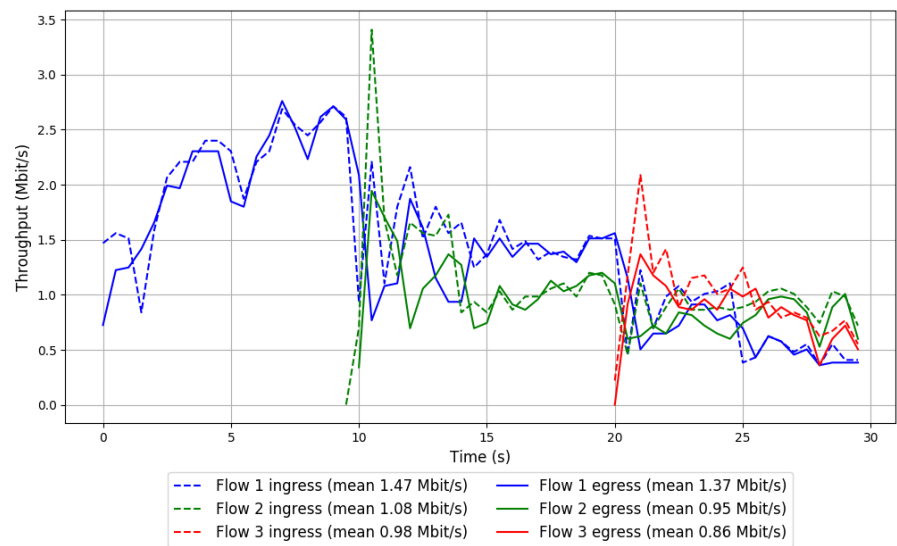
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	3	1.26	0.66	0.77	375.20	381.92	380.11	13.89	25.17	30.22
CalibratedKoho	3	0.25	0.27	0.39	150.66	137.12	130.43	0.94	1.47	2.18
Copa	3	0.77	0.76	0.71	112.64	113.93	120.65	0.19	0.40	0.66
TCP Cubic	3	1.29	0.68	0.80	350.79	354.37	357.35	3.07	5.72	4.88
KohoCC	3	0.88	1.00	1.52	150.47	145.03	143.85	0.27	0.93	0.81
LEDBAT	2	1.36	1.14	0.56	256.55	274.07	291.86	0.60	1.13	3.78
PCC	3	1.27	0.99	0.92	382.70	493.75	756.06	53.43	60.32	84.73
QUIC Cubic	2	0.50	1.32	0.96	235.06	369.54	373.97	3.92	7.45	12.66
Saturator	3	1.89	0.38	0.23	378.81	380.21	370.55	49.91	62.43	71.18
SCReAM	3	0.19	0.20	0.21	95.35	93.09	94.05	0.28	0.33	0.45
Sprout	3	0.33	0.30	0.32	121.84	128.07	129.35	0.74	0.80	1.89
TaoVA-100x	3	1.30	0.99	6.48	367.76	371.88	372.37	12.54	18.68	53.39
TCP Vegas	3	1.17	1.05	1.07	223.29	171.19	171.13	1.17	0.50	1.56
Verus	3	2.02	0.40	0.21	373.94	377.46	376.35	21.31	62.53	55.42
WebRTC media	3	0.63	0.38	0.16	349.87	325.59	330.10	2.24	3.08	4.76

Run 1: Statistics of TCP BBR

Start at: 2017-08-13 05:45:42  
End at: 2017-08-13 05:46:12  
Local clock offset: 0.681 ms  
Remote clock offset: -19.721 ms

# Below is generated by plot.py at 2017-08-13 07:34:55  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 377.272 ms  
Loss rate: 9.71%  
-- Flow 1:  
Average throughput: 1.37 Mbit/s  
95th percentile per-packet one-way delay: 375.212 ms  
Loss rate: 6.90%  
-- Flow 2:  
Average throughput: 0.95 Mbit/s  
95th percentile per-packet one-way delay: 379.886 ms  
Loss rate: 13.29%  
-- Flow 3:  
Average throughput: 0.86 Mbit/s  
95th percentile per-packet one-way delay: 380.209 ms  
Loss rate: 14.42%

Run 1: Report of TCP BBR — Data Link

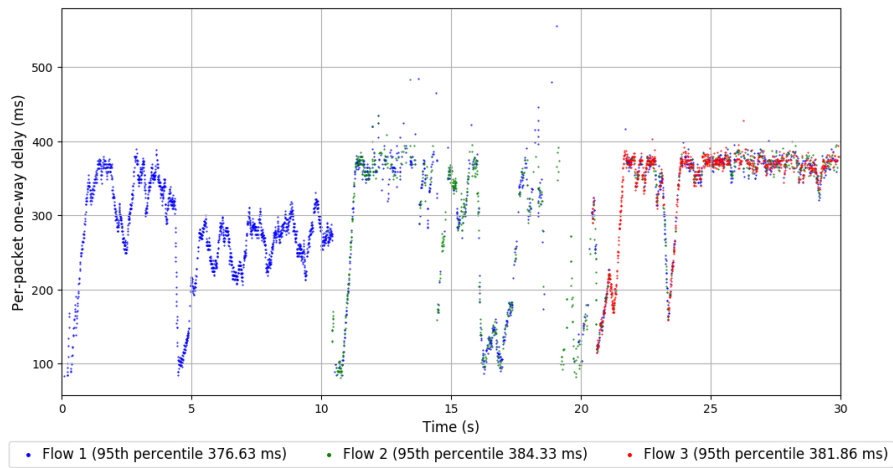
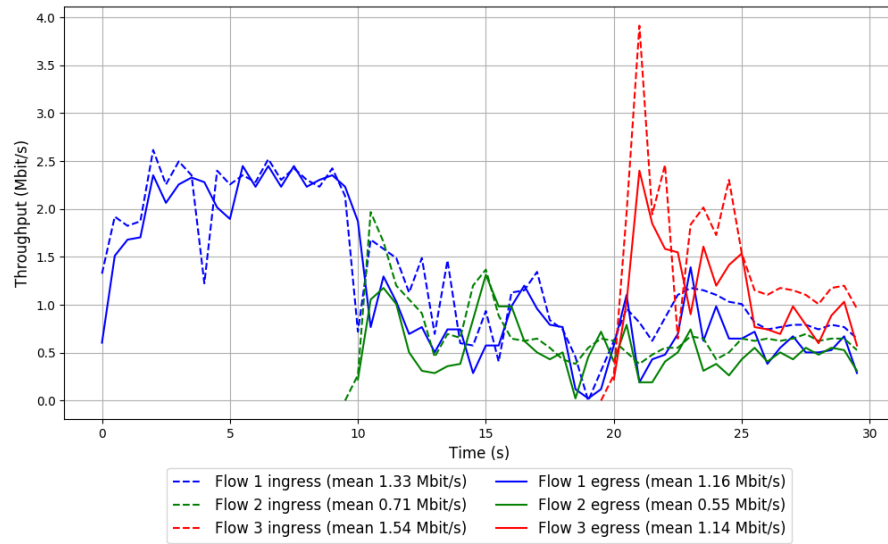


Run 2: Statistics of TCP BBR

Start at: 2017-08-13 06:03:58  
End at: 2017-08-13 06:04:28  
Local clock offset: -0.76 ms  
Remote clock offset: -20.936 ms

# Below is generated by plot.py at 2017-08-13 07:34:55  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.90 Mbit/s  
95th percentile per-packet one-way delay: 379.825 ms  
Loss rate: 18.50%  
-- Flow 1:  
Average throughput: 1.16 Mbit/s  
95th percentile per-packet one-way delay: 376.633 ms  
Loss rate: 13.24%  
-- Flow 2:  
Average throughput: 0.55 Mbit/s  
95th percentile per-packet one-way delay: 384.329 ms  
Loss rate: 24.03%  
-- Flow 3:  
Average throughput: 1.14 Mbit/s  
95th percentile per-packet one-way delay: 381.863 ms  
Loss rate: 27.01%

## Run 2: Report of TCP BBR — Data Link



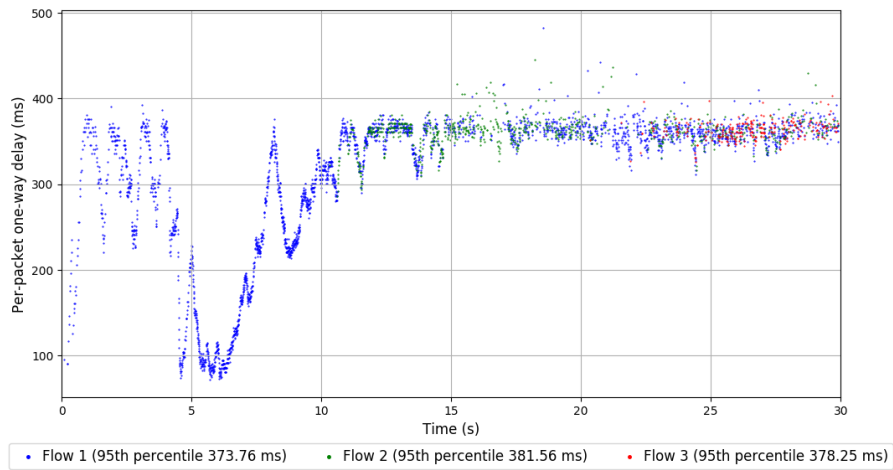
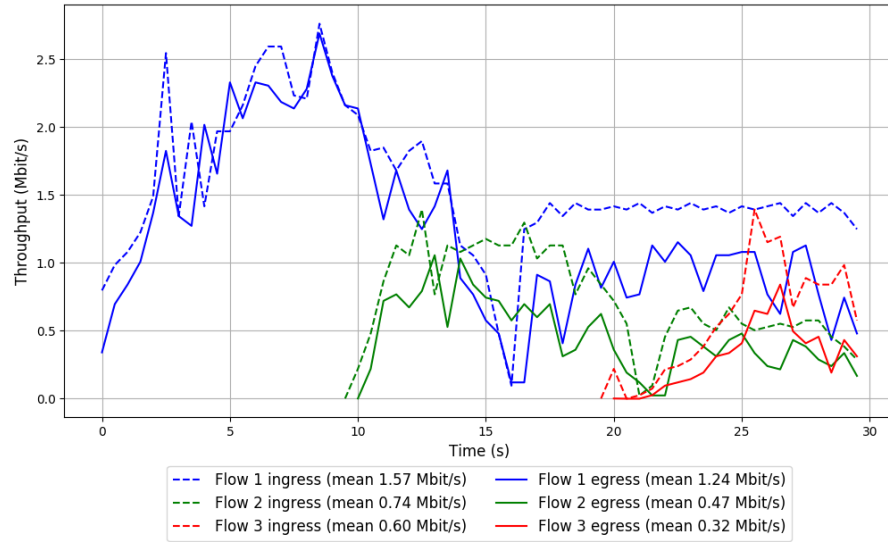
Run 3: Statistics of TCP BBR

Start at: 2017-08-13 06:21:11  
End at: 2017-08-13 06:21:41  
Local clock offset: -1.293 ms  
Remote clock offset: -18.631 ms

# Below is generated by plot.py at 2017-08-13 07:34:56  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.64 Mbit/s  
95th percentile per-packet one-way delay: 375.844 ms  
Loss rate: 27.61%  
-- Flow 1:  
Average throughput: 1.24 Mbit/s  
95th percentile per-packet one-way delay: 373.756 ms  
Loss rate: 21.53%  
-- Flow 2:  
Average throughput: 0.47 Mbit/s  
95th percentile per-packet one-way delay: 381.556 ms  
Loss rate: 38.18%  
-- Flow 3:  
Average throughput: 0.32 Mbit/s  
95th percentile per-packet one-way delay: 378.252 ms  
Loss rate: 49.23%



### Run 3: Report of TCP BBR — Data Link

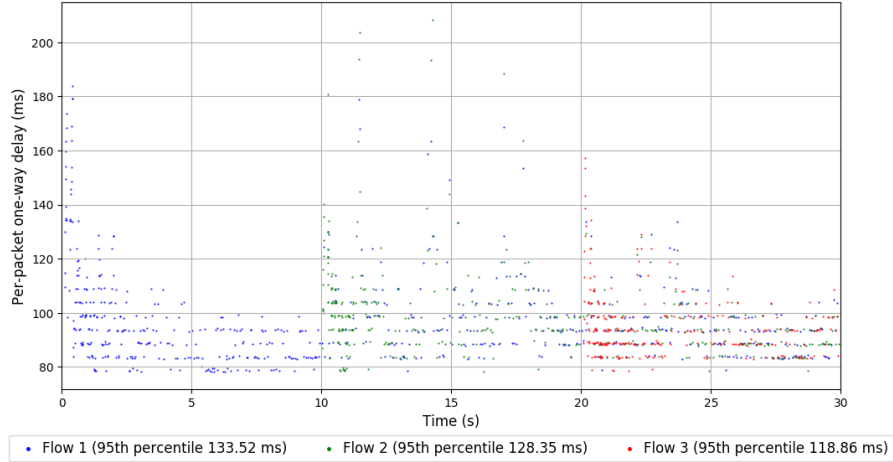
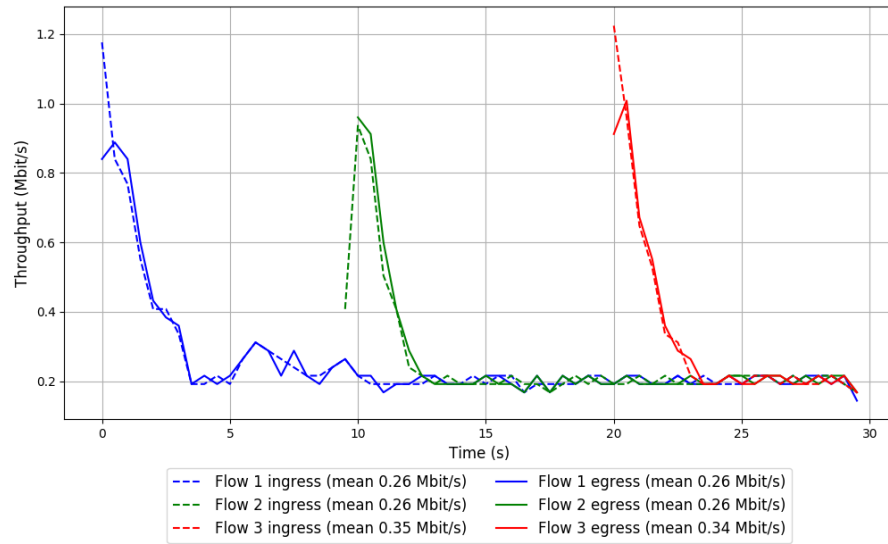


Run 1: Statistics of CalibratedKoho

Start at: 2017-08-13 05:47:09  
End at: 2017-08-13 05:47:39  
Local clock offset: -1.712 ms  
Remote clock offset: -21.223 ms

# Below is generated by plot.py at 2017-08-13 07:34:56  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.54 Mbit/s  
95th percentile per-packet one-way delay: 128.515 ms  
Loss rate: 1.54%  
-- Flow 1:  
Average throughput: 0.26 Mbit/s  
95th percentile per-packet one-way delay: 133.524 ms  
Loss rate: 0.92%  
-- Flow 2:  
Average throughput: 0.26 Mbit/s  
95th percentile per-packet one-way delay: 128.354 ms  
Loss rate: 1.86%  
-- Flow 3:  
Average throughput: 0.34 Mbit/s  
95th percentile per-packet one-way delay: 118.855 ms  
Loss rate: 2.46%

# Run 1: Report of CalibratedKoho — Data Link

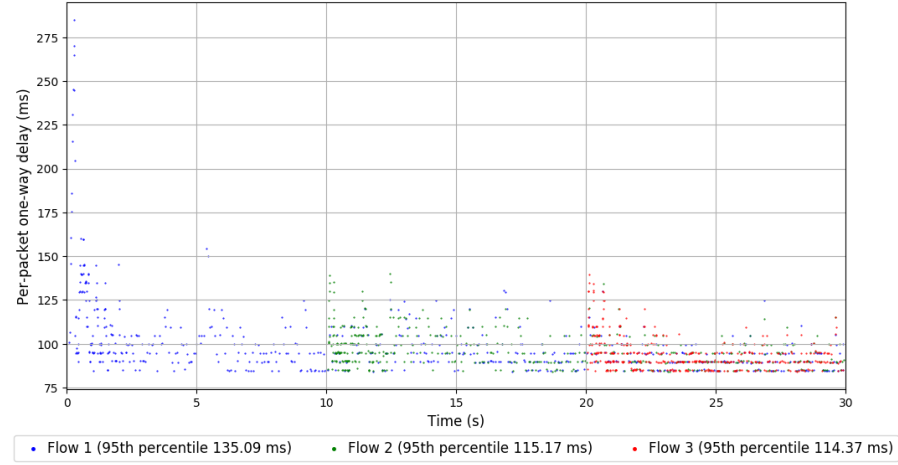
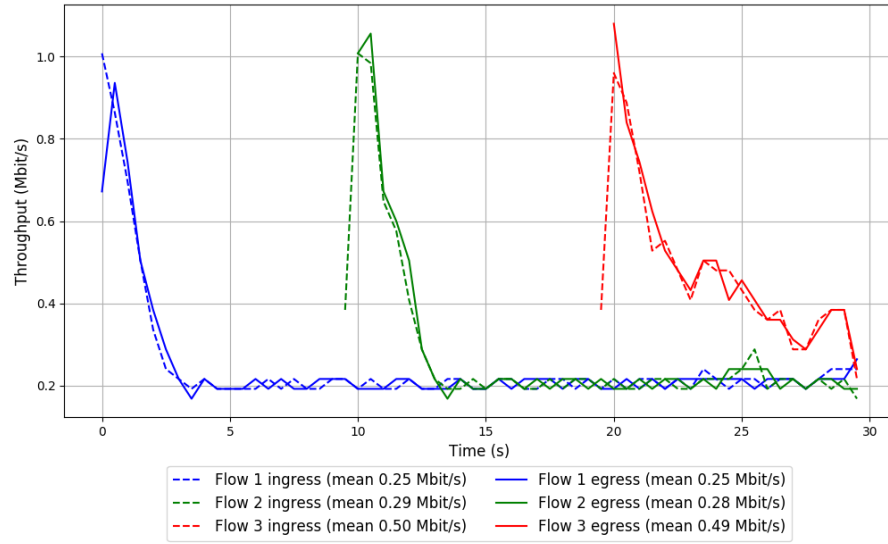


Run 2: Statistics of CalibratedKoho

Start at: 2017-08-13 06:05:04  
End at: 2017-08-13 06:05:34  
Local clock offset: 1.498 ms  
Remote clock offset: -19.56 ms

# Below is generated by plot.py at 2017-08-13 07:34:57  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.60 Mbit/s  
95th percentile per-packet one-way delay: 124.684 ms  
Loss rate: 1.40%  
-- Flow 1:  
Average throughput: 0.25 Mbit/s  
95th percentile per-packet one-way delay: 135.086 ms  
Loss rate: 0.97%  
-- Flow 2:  
Average throughput: 0.28 Mbit/s  
95th percentile per-packet one-way delay: 115.173 ms  
Loss rate: 1.48%  
-- Flow 3:  
Average throughput: 0.49 Mbit/s  
95th percentile per-packet one-way delay: 114.372 ms  
Loss rate: 1.95%

## Run 2: Report of CalibratedKoho — Data Link

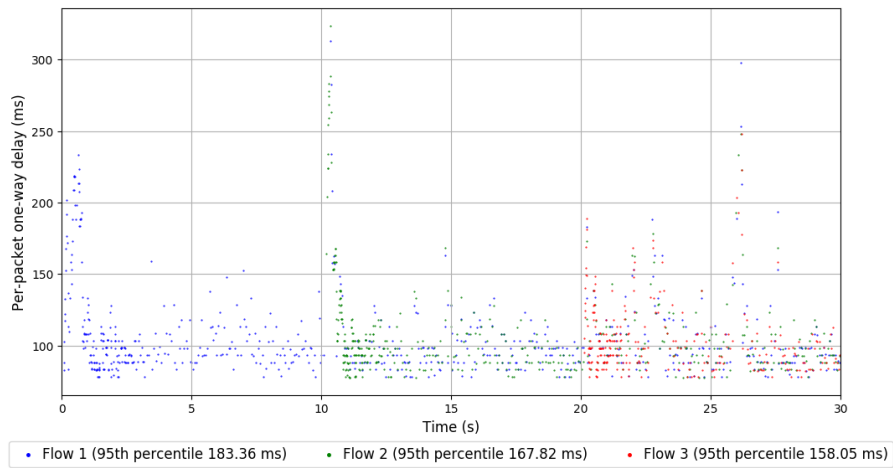
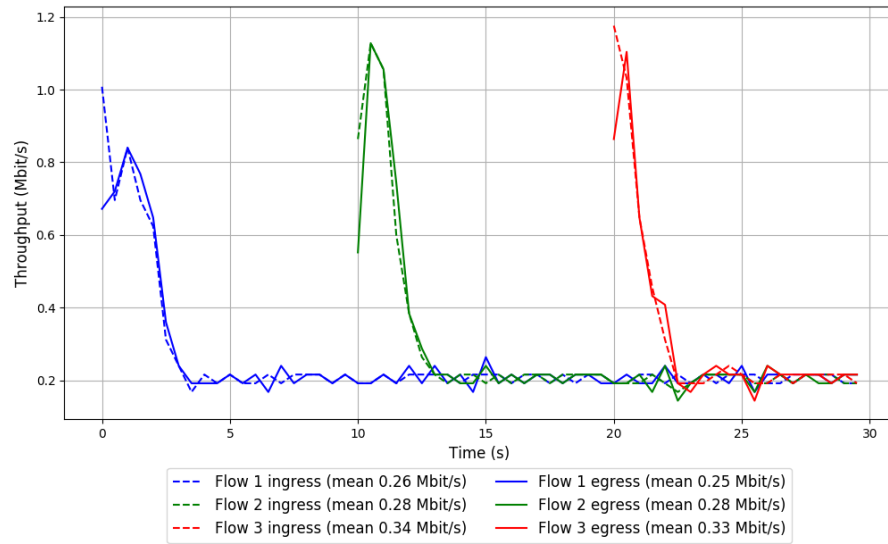


Run 3: Statistics of CalibratedKoho

Start at: 2017-08-13 06:22:17  
End at: 2017-08-13 06:22:47  
Local clock offset: 1.765 ms  
Remote clock offset: -18.396 ms

# Below is generated by plot.py at 2017-08-13 07:34:57  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.55 Mbit/s  
95th percentile per-packet one-way delay: 168.475 ms  
Loss rate: 1.23%  
-- Flow 1:  
Average throughput: 0.25 Mbit/s  
95th percentile per-packet one-way delay: 183.361 ms  
Loss rate: 0.94%  
-- Flow 2:  
Average throughput: 0.28 Mbit/s  
95th percentile per-packet one-way delay: 167.824 ms  
Loss rate: 1.07%  
-- Flow 3:  
Average throughput: 0.33 Mbit/s  
95th percentile per-packet one-way delay: 158.053 ms  
Loss rate: 2.14%

### Run 3: Report of CalibratedKoho — Data Link



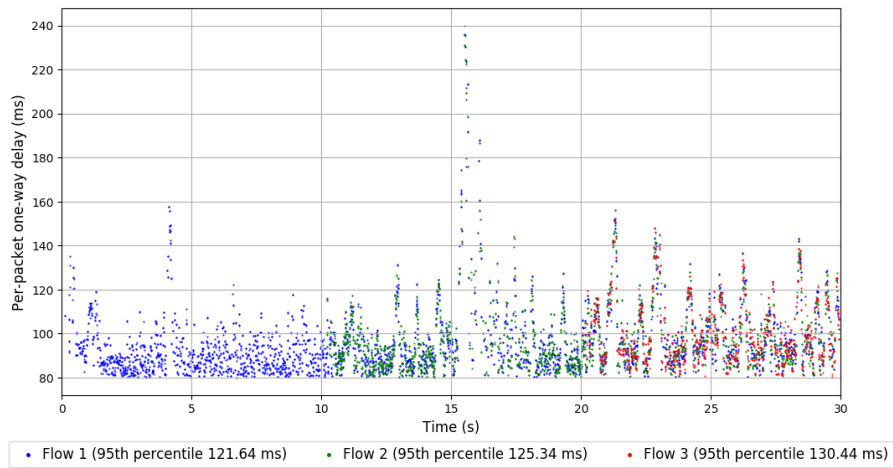
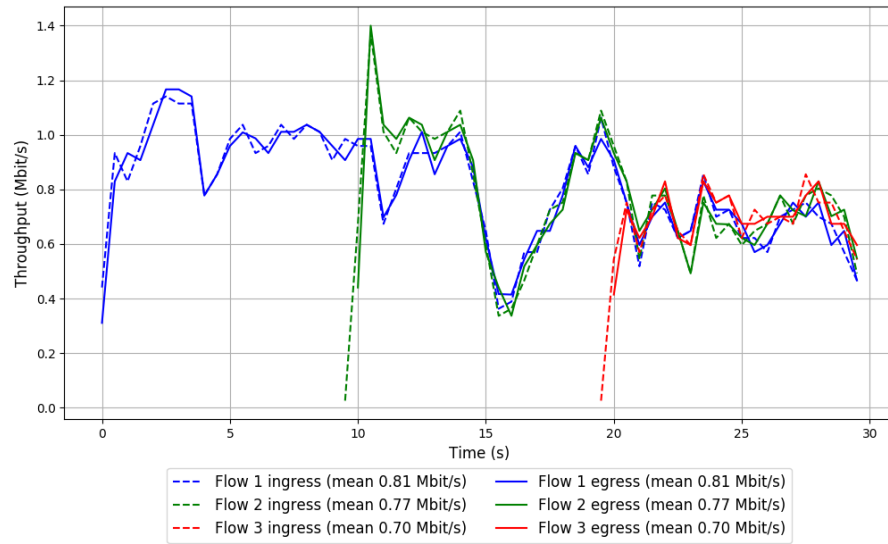
Run 1: Statistics of Copa

Start at: 2017-08-13 06:02:52  
End at: 2017-08-13 06:03:22  
Local clock offset: 0.973 ms  
Remote clock offset: -19.896 ms

# Below is generated by plot.py at 2017-08-13 07:34:59  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.56 Mbit/s  
95th percentile per-packet one-way delay: 124.173 ms  
Loss rate: 0.39%  
-- Flow 1:  
Average throughput: 0.81 Mbit/s  
95th percentile per-packet one-way delay: 121.639 ms  
Loss rate: 0.21%  
-- Flow 2:  
Average throughput: 0.77 Mbit/s  
95th percentile per-packet one-way delay: 125.337 ms  
Loss rate: 0.50%  
-- Flow 3:  
Average throughput: 0.70 Mbit/s  
95th percentile per-packet one-way delay: 130.440 ms  
Loss rate: 0.74%



## Run 1: Report of Copa — Data Link

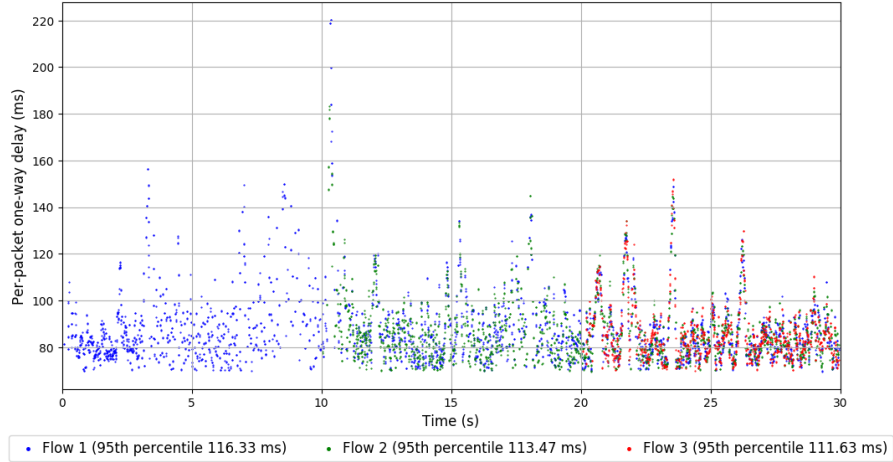
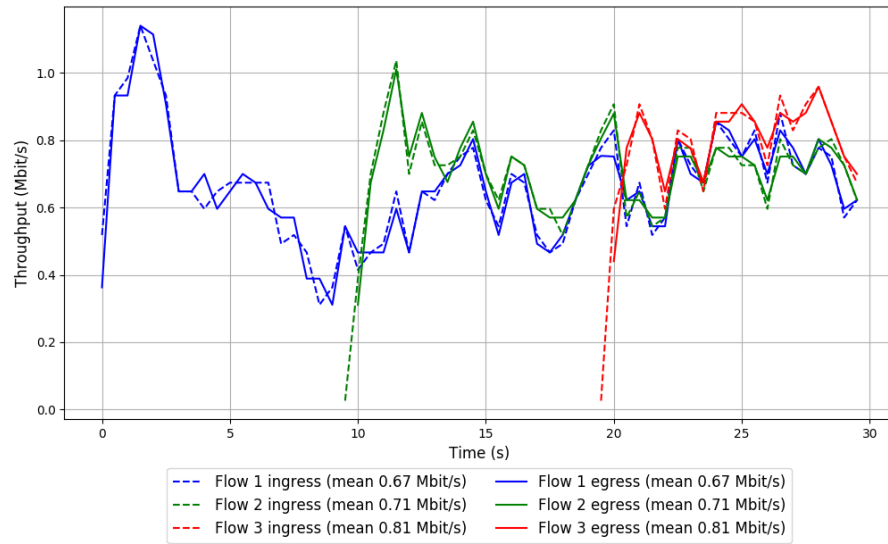


Run 2: Statistics of Copa

Start at: 2017-08-13 06:20:05  
End at: 2017-08-13 06:20:35  
Local clock offset: -1.832 ms  
Remote clock offset: -17.874 ms

# Below is generated by plot.py at 2017-08-13 07:34:59  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.41 Mbit/s  
95th percentile per-packet one-way delay: 114.523 ms  
Loss rate: 0.43%  
-- Flow 1:  
Average throughput: 0.67 Mbit/s  
95th percentile per-packet one-way delay: 116.331 ms  
Loss rate: 0.26%  
-- Flow 2:  
Average throughput: 0.71 Mbit/s  
95th percentile per-packet one-way delay: 113.471 ms  
Loss rate: 0.45%  
-- Flow 3:  
Average throughput: 0.81 Mbit/s  
95th percentile per-packet one-way delay: 111.632 ms  
Loss rate: 0.81%

## Run 2: Report of Copa — Data Link

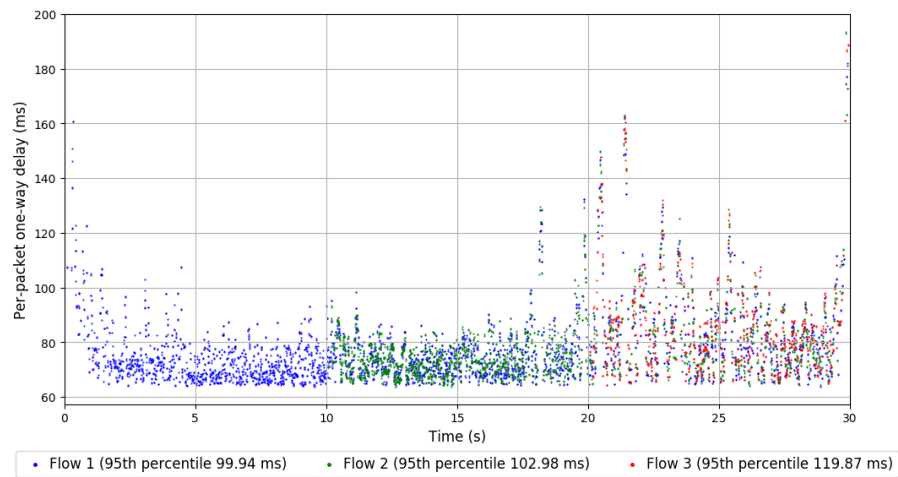
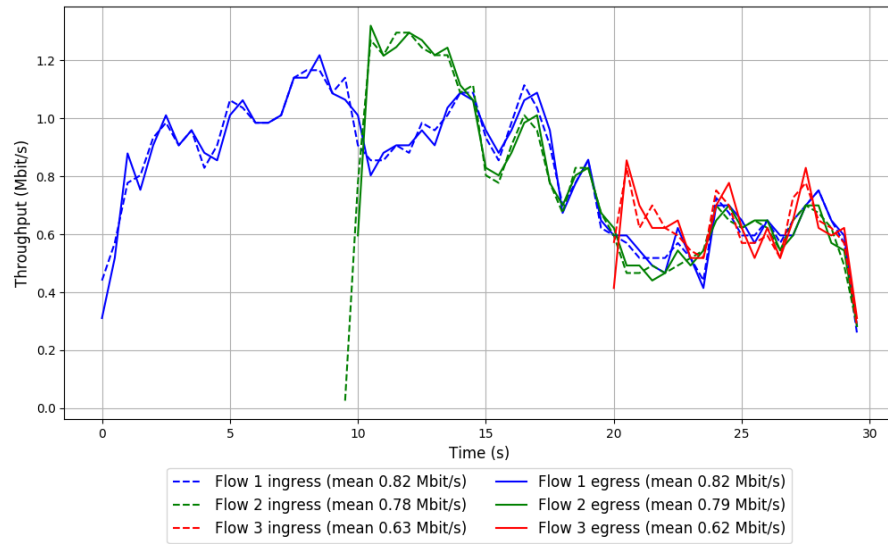


Run 3: Statistics of Copa

Start at: 2017-08-13 06:39:02  
End at: 2017-08-13 06:39:32  
Local clock offset: -1.11 ms  
Remote clock offset: -18.857 ms

# Below is generated by plot.py at 2017-08-13 07:35:00  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.55 Mbit/s  
95th percentile per-packet one-way delay: 104.805 ms  
Loss rate: 0.20%  
-- Flow 1:  
Average throughput: 0.82 Mbit/s  
95th percentile per-packet one-way delay: 99.937 ms  
Loss rate: 0.11%  
-- Flow 2:  
Average throughput: 0.79 Mbit/s  
95th percentile per-packet one-way delay: 102.980 ms  
Loss rate: 0.26%  
-- Flow 3:  
Average throughput: 0.62 Mbit/s  
95th percentile per-packet one-way delay: 119.867 ms  
Loss rate: 0.42%

### Run 3: Report of Copa — Data Link

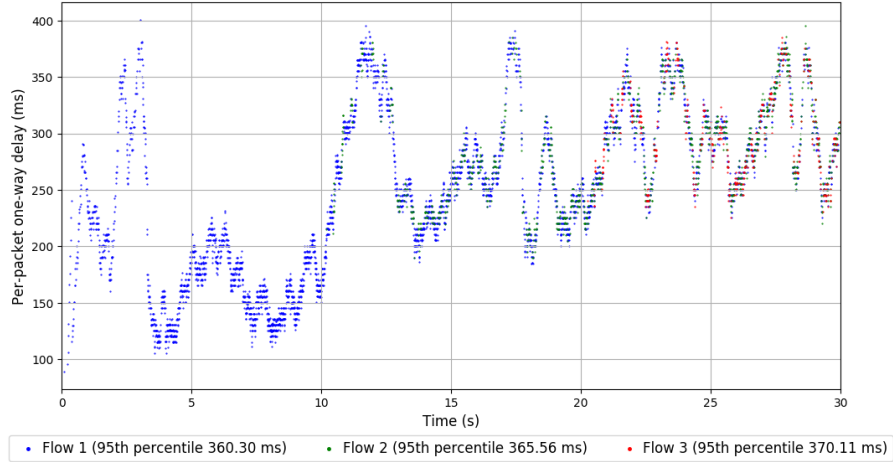
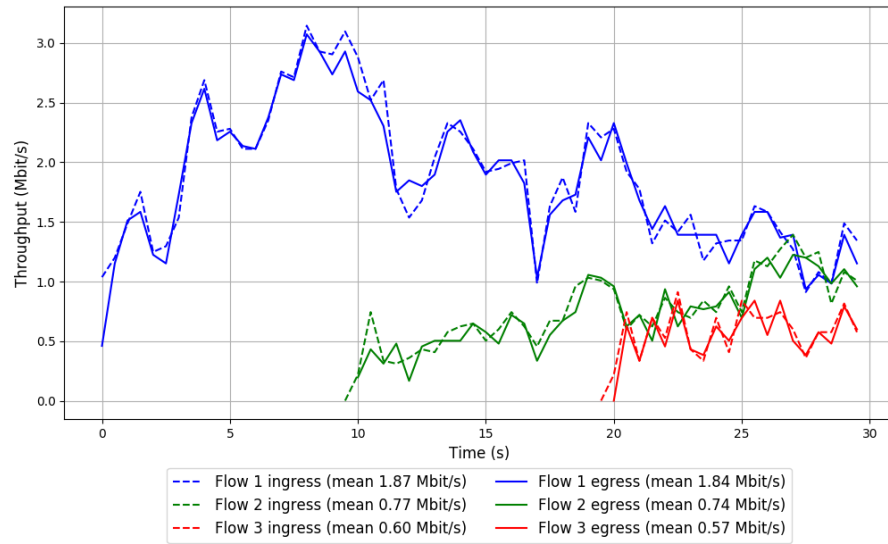


Run 1: Statistics of TCP Cubic

Start at: 2017-08-13 05:58:52  
End at: 2017-08-13 05:59:22  
Local clock offset: -1.357 ms  
Remote clock offset: -20.898 ms

# Below is generated by plot.py at 2017-08-13 07:35:01  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.52 Mbit/s  
95th percentile per-packet one-way delay: 360.871 ms  
Loss rate: 2.84%  
-- Flow 1:  
Average throughput: 1.84 Mbit/s  
95th percentile per-packet one-way delay: 360.301 ms  
Loss rate: 2.07%  
-- Flow 2:  
Average throughput: 0.74 Mbit/s  
95th percentile per-packet one-way delay: 365.556 ms  
Loss rate: 4.69%  
-- Flow 3:  
Average throughput: 0.57 Mbit/s  
95th percentile per-packet one-way delay: 370.109 ms  
Loss rate: 5.29%

### Run 1: Report of TCP Cubic — Data Link



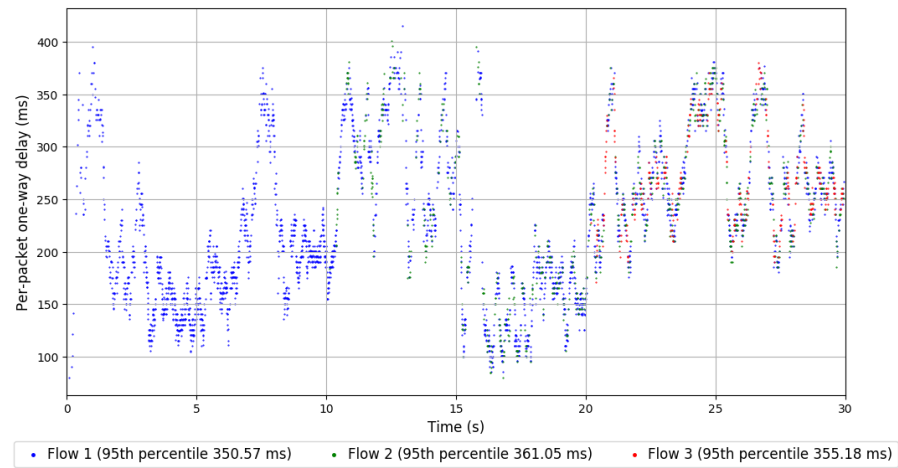
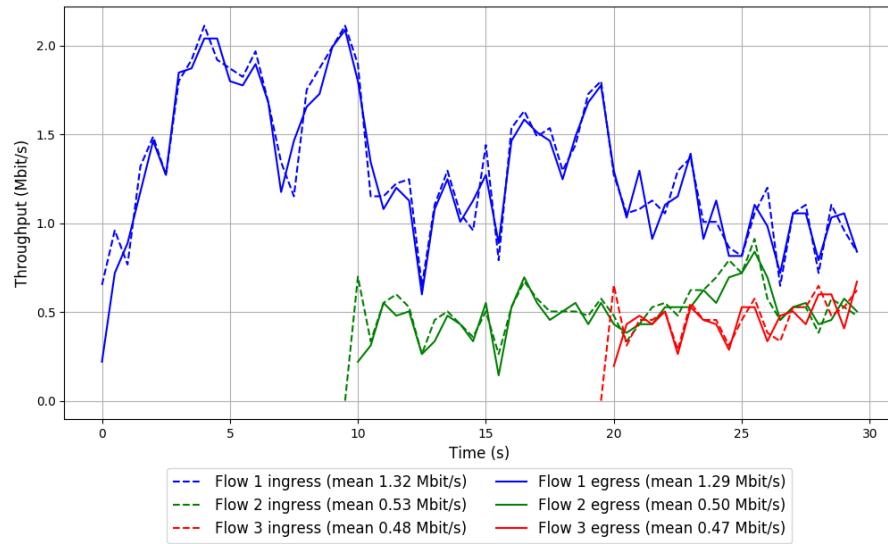
Run 2: Statistics of TCP Cubic

Start at: 2017-08-13 06:16:46  
End at: 2017-08-13 06:17:16  
Local clock offset: 1.144 ms  
Remote clock offset: -20.201 ms

# Below is generated by plot.py at 2017-08-13 07:35:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.78 Mbit/s  
95th percentile per-packet one-way delay: 355.408 ms  
Loss rate: 3.00%  
-- Flow 1:  
Average throughput: 1.29 Mbit/s  
95th percentile per-packet one-way delay: 350.566 ms  
Loss rate: 1.98%  
-- Flow 2:  
Average throughput: 0.50 Mbit/s  
95th percentile per-packet one-way delay: 361.051 ms  
Loss rate: 6.15%  
-- Flow 3:  
Average throughput: 0.47 Mbit/s  
95th percentile per-packet one-way delay: 355.183 ms  
Loss rate: 4.53%



## Run 2: Report of TCP Cubic — Data Link

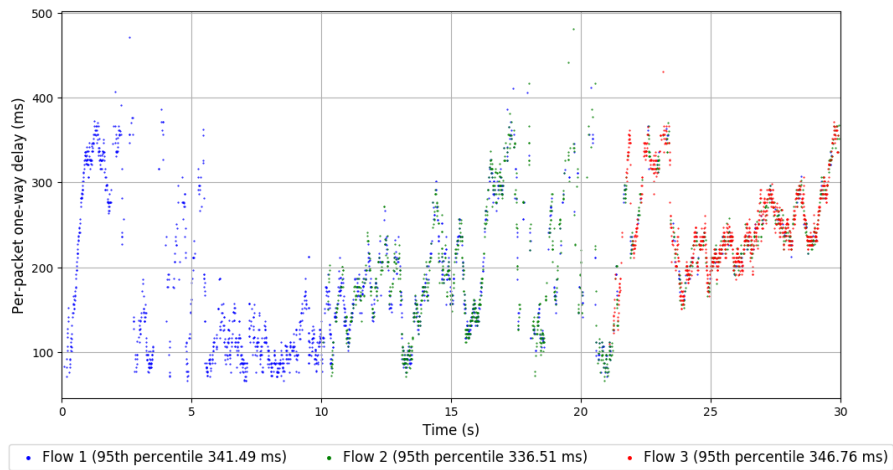
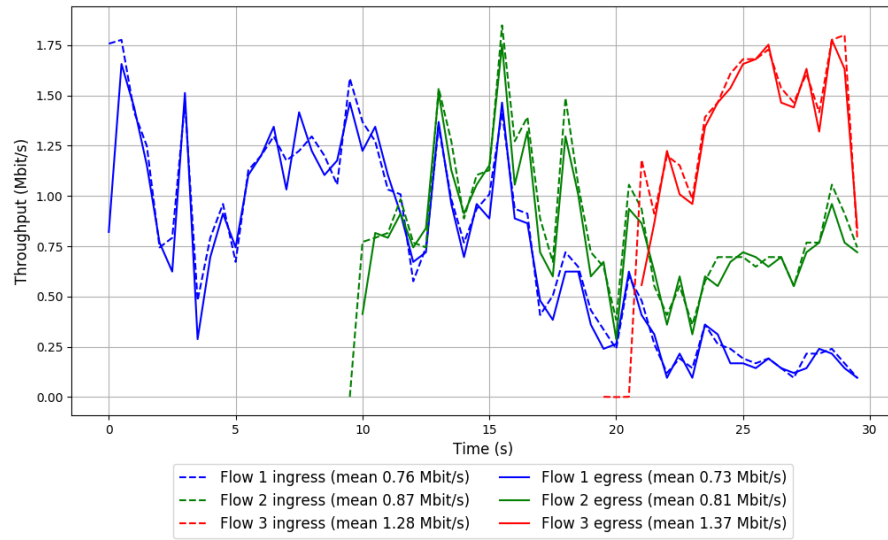


Run 3: Statistics of TCP Cubic

Start at: 2017-08-13 06:35:23  
End at: 2017-08-13 06:35:53  
Local clock offset: 1.292 ms  
Remote clock offset: -18.768 ms

# Below is generated by plot.py at 2017-08-13 07:35:02  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.67 Mbit/s  
95th percentile per-packet one-way delay: 341.577 ms  
Loss rate: 5.46%  
-- Flow 1:  
Average throughput: 0.73 Mbit/s  
95th percentile per-packet one-way delay: 341.494 ms  
Loss rate: 5.15%  
-- Flow 2:  
Average throughput: 0.81 Mbit/s  
95th percentile per-packet one-way delay: 336.509 ms  
Loss rate: 6.32%  
-- Flow 3:  
Average throughput: 1.37 Mbit/s  
95th percentile per-packet one-way delay: 346.765 ms  
Loss rate: 4.83%

### Run 3: Report of TCP Cubic — Data Link

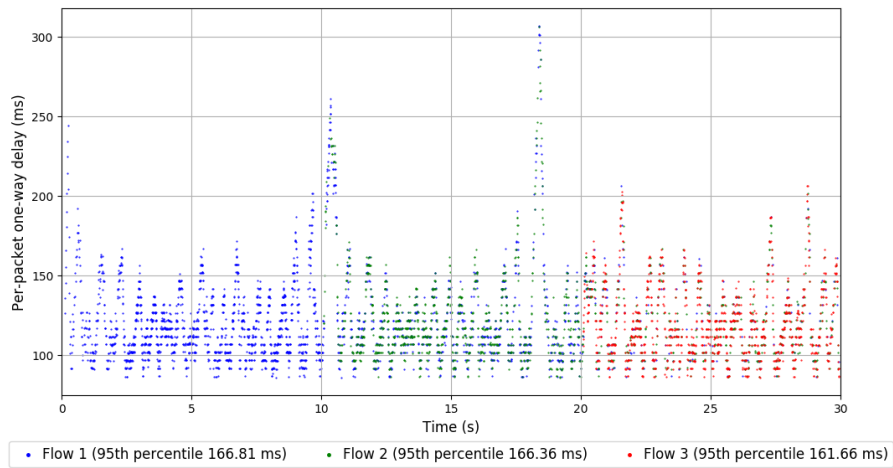
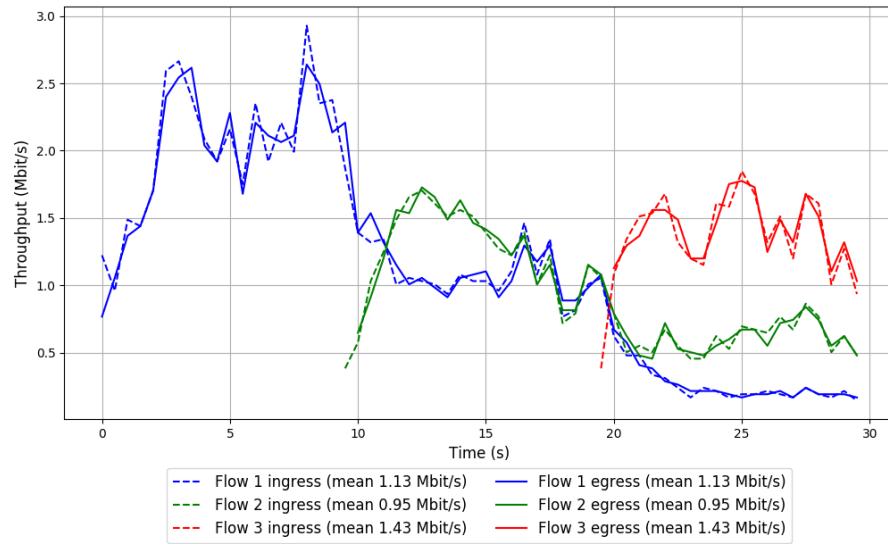


Run 1: Statistics of KohoCC

Start at: 2017-08-13 05:51:09  
End at: 2017-08-13 05:51:39  
Local clock offset: -1.115 ms  
Remote clock offset: -24.475 ms

# Below is generated by plot.py at 2017-08-13 07:35:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 166.340 ms  
Loss rate: 0.50%  
-- Flow 1:  
Average throughput: 1.13 Mbit/s  
95th percentile per-packet one-way delay: 166.814 ms  
Loss rate: 0.18%  
-- Flow 2:  
Average throughput: 0.95 Mbit/s  
95th percentile per-packet one-way delay: 166.358 ms  
Loss rate: 0.82%  
-- Flow 3:  
Average throughput: 1.43 Mbit/s  
95th percentile per-packet one-way delay: 161.657 ms  
Loss rate: 0.84%

# Run 1: Report of KohoCC — Data Link

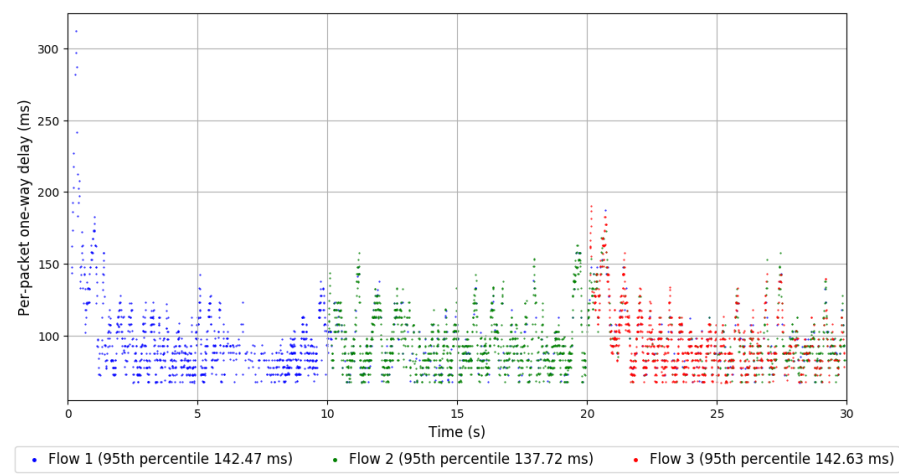
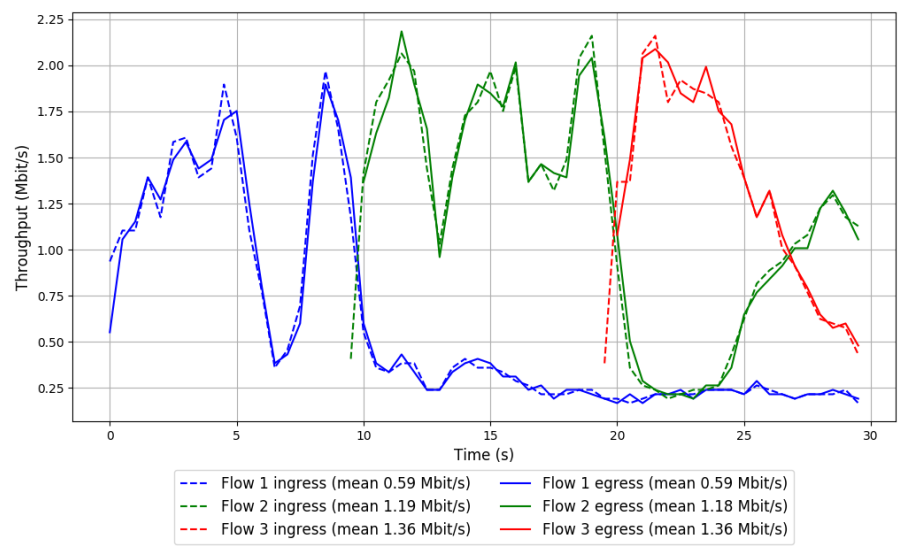


Run 2: Statistics of KohoCC

Start at: 2017-08-13 06:08:22  
End at: 2017-08-13 06:08:52  
Local clock offset: -1.124 ms  
Remote clock offset: -20.848 ms

# Below is generated by plot.py at 2017-08-13 07:35:03  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.83 Mbit/s  
95th percentile per-packet one-way delay: 138.067 ms  
Loss rate: 0.89%  
-- Flow 1:  
Average throughput: 0.59 Mbit/s  
95th percentile per-packet one-way delay: 142.471 ms  
Loss rate: 0.34%  
-- Flow 2:  
Average throughput: 1.18 Mbit/s  
95th percentile per-packet one-way delay: 137.723 ms  
Loss rate: 1.41%  
-- Flow 3:  
Average throughput: 1.36 Mbit/s  
95th percentile per-packet one-way delay: 142.634 ms  
Loss rate: 0.71%

Run 2: Report of KohoCC — Data Link



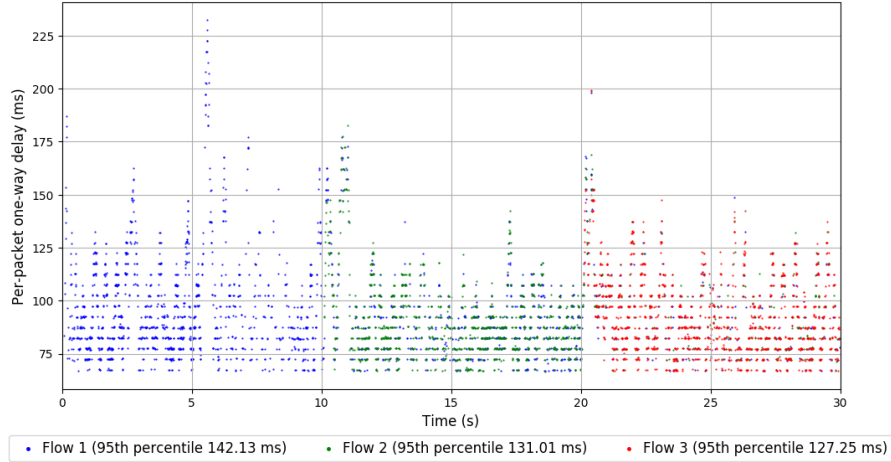
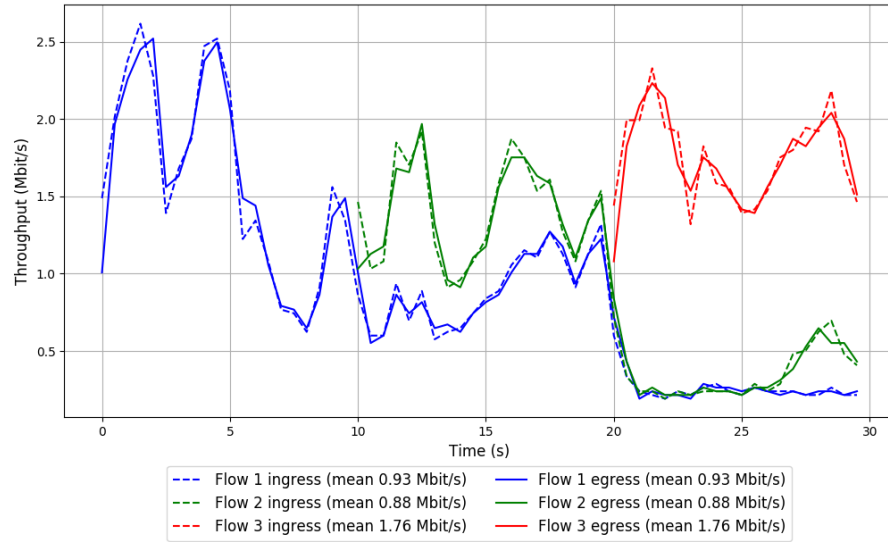
Run 3: Statistics of KohoCC

Start at: 2017-08-13 06:26:38  
End at: 2017-08-13 06:27:08  
Local clock offset: -0.521 ms  
Remote clock offset: -18.871 ms

# Below is generated by plot.py at 2017-08-13 07:35:04  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.09 Mbit/s  
95th percentile per-packet one-way delay: 132.510 ms  
Loss rate: 0.53%  
-- Flow 1:  
Average throughput: 0.93 Mbit/s  
95th percentile per-packet one-way delay: 142.130 ms  
Loss rate: 0.30%  
-- Flow 2:  
Average throughput: 0.88 Mbit/s  
95th percentile per-packet one-way delay: 131.010 ms  
Loss rate: 0.55%  
-- Flow 3:  
Average throughput: 1.76 Mbit/s  
95th percentile per-packet one-way delay: 127.245 ms  
Loss rate: 0.89%



### Run 3: Report of KohoCC — Data Link

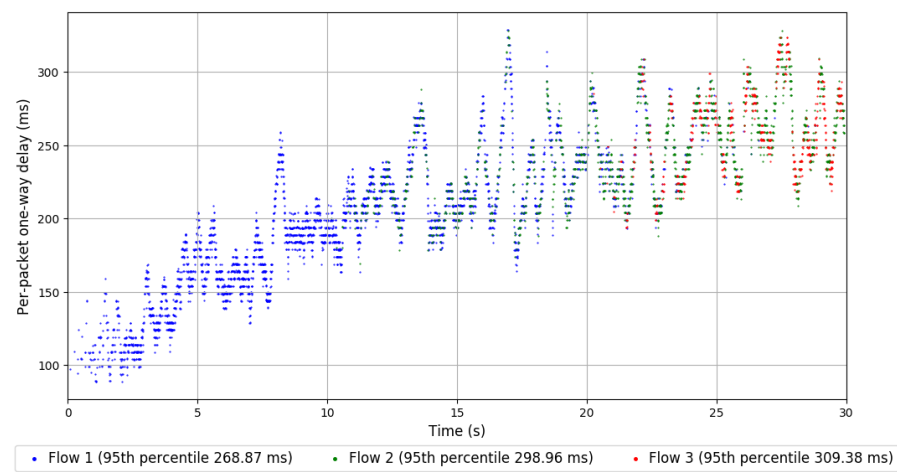
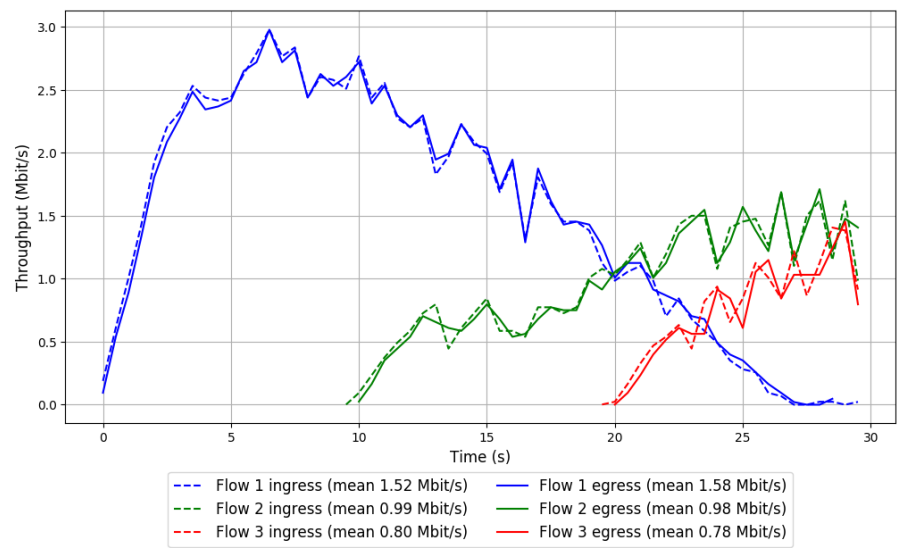


```
Run 1: Statistics of LEDBAT

Start at: 2017-08-13 05:50:02
End at: 2017-08-13 05:50:32
Local clock offset: 0.276 ms
Remote clock offset: -20.023 ms

# Below is generated by plot.py at 2017-08-13 07:35:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 288.982 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 268.867 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 298.965 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 309.375 ms
Loss rate: 4.91%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

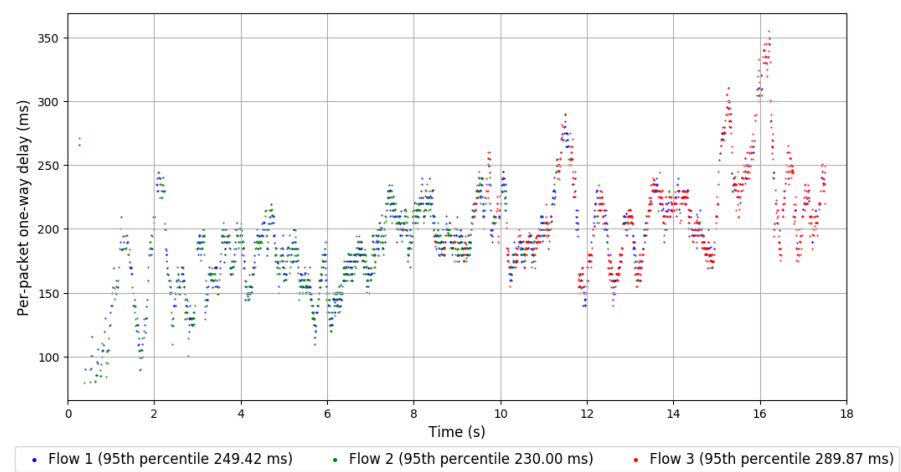
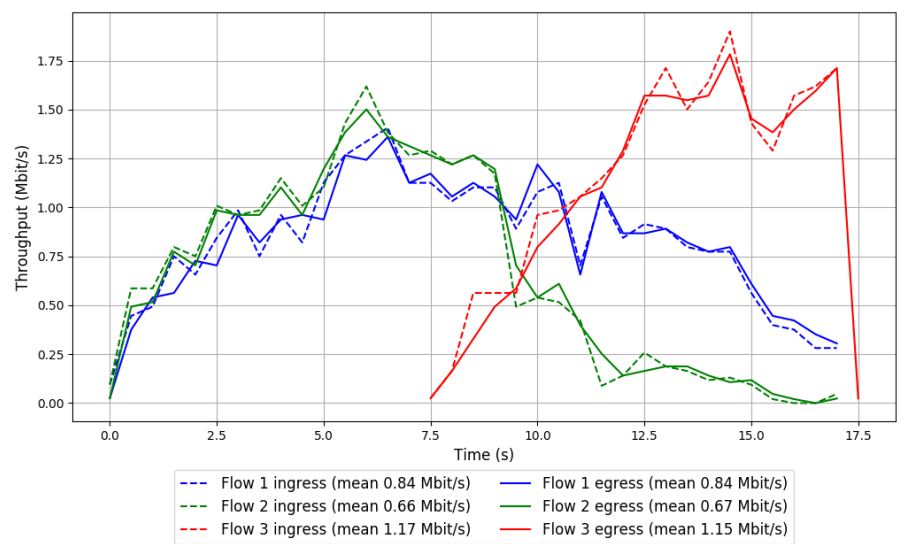
Start at: 2017-08-13 06:07:16

End at: 2017-08-13 06:07:46

Local clock offset: -1.33 ms

Remote clock offset: -19.79 ms

Run 2: Report of LEDBAT — Data Link

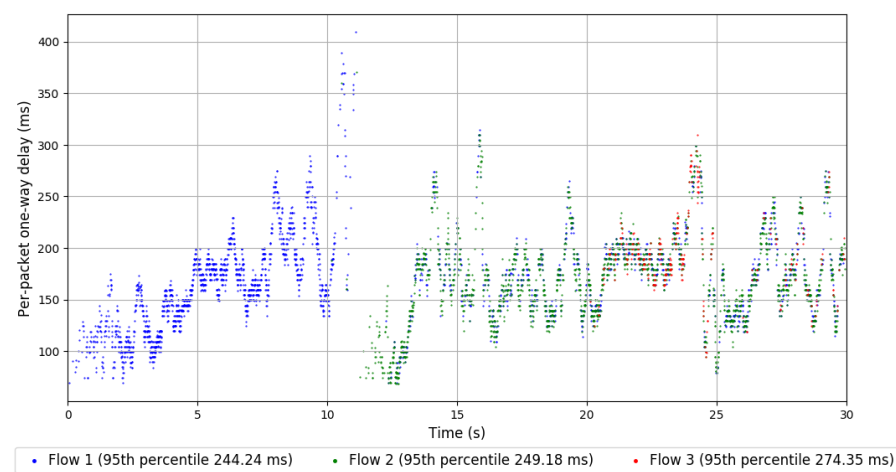
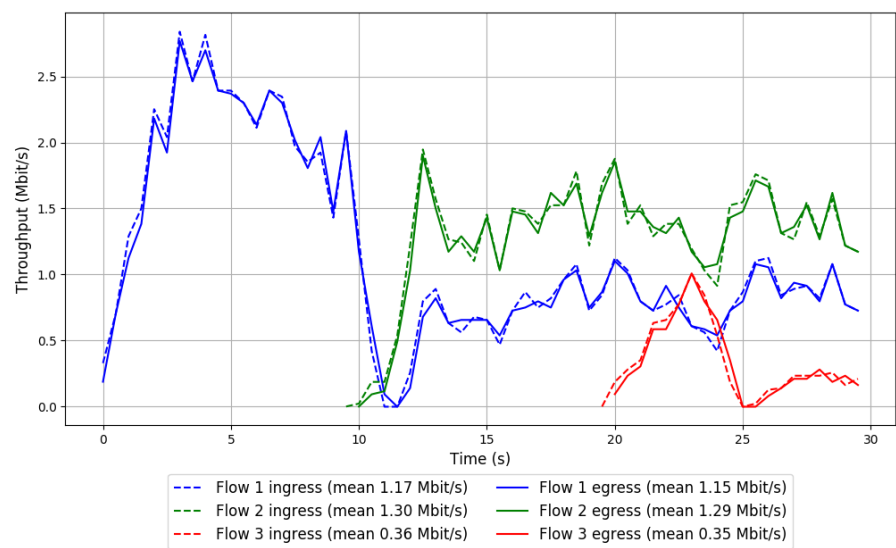


Run 3: Statistics of LEDBAT

Start at: 2017-08-13 06:25:10  
End at: 2017-08-13 06:25:40  
Local clock offset: 0.945 ms  
Remote clock offset: -18.804 ms

# Below is generated by plot.py at 2017-08-13 07:35:07  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.12 Mbit/s  
95th percentile per-packet one-way delay: 249.272 ms  
Loss rate: 1.24%  
-- Flow 1:  
Average throughput: 1.15 Mbit/s  
95th percentile per-packet one-way delay: 244.237 ms  
Loss rate: 1.18%  
-- Flow 2:  
Average throughput: 1.29 Mbit/s  
95th percentile per-packet one-way delay: 249.175 ms  
Loss rate: 1.13%  
-- Flow 3:  
Average throughput: 0.35 Mbit/s  
95th percentile per-packet one-way delay: 274.350 ms  
Loss rate: 2.64%

Run 3: Report of LEDBAT — Data Link



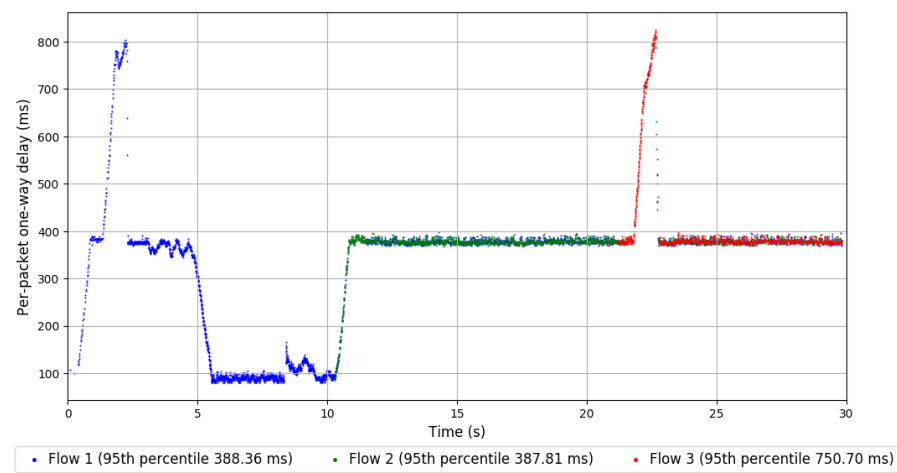
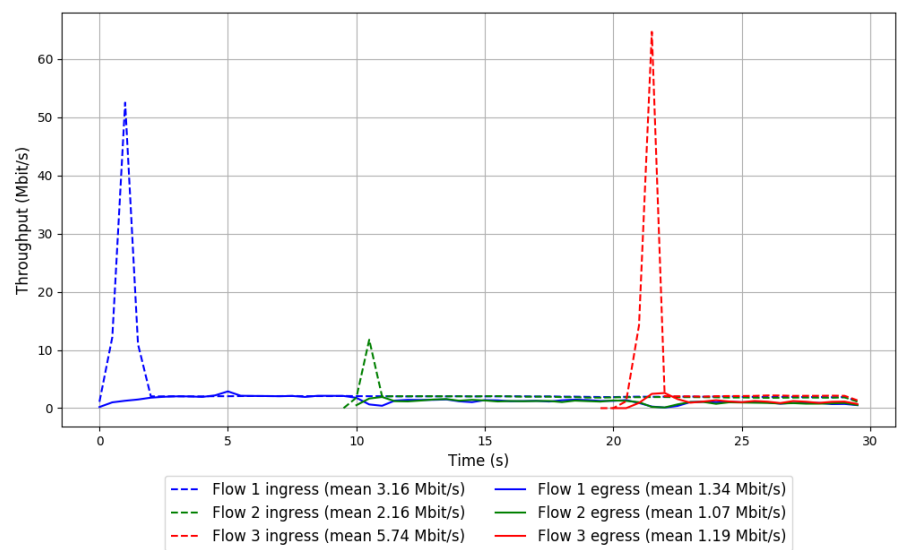
Run 1: Statistics of PCC

Start at: 2017-08-13 05:53:21  
End at: 2017-08-13 05:53:51  
Local clock offset: 1.219 ms  
Remote clock offset: -22.075 ms

# Below is generated by plot.py at 2017-08-13 07:35:07  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.43 Mbit/s  
95th percentile per-packet one-way delay: 439.954 ms  
Loss rate: 62.66%  
-- Flow 1:  
Average throughput: 1.34 Mbit/s  
95th percentile per-packet one-way delay: 388.360 ms  
Loss rate: 57.71%  
-- Flow 2:  
Average throughput: 1.07 Mbit/s  
95th percentile per-packet one-way delay: 387.811 ms  
Loss rate: 50.66%  
-- Flow 3:  
Average throughput: 1.19 Mbit/s  
95th percentile per-packet one-way delay: 750.698 ms  
Loss rate: 80.02%



Run 1: Report of PCC — Data Link

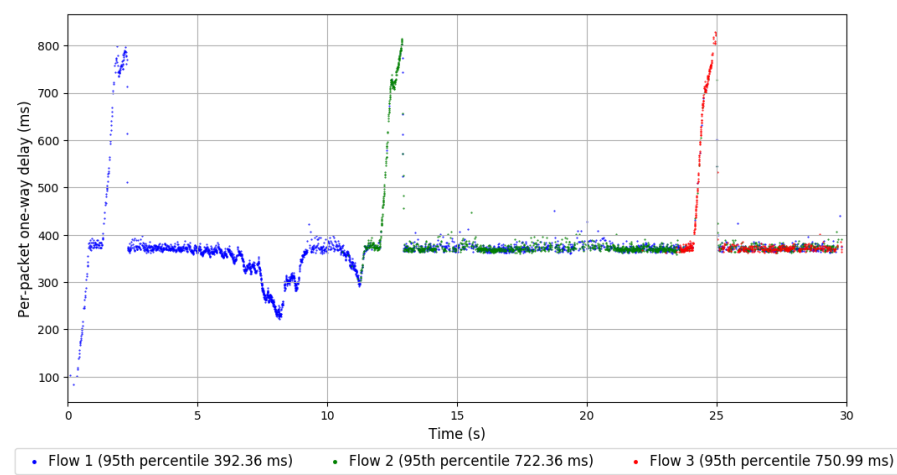
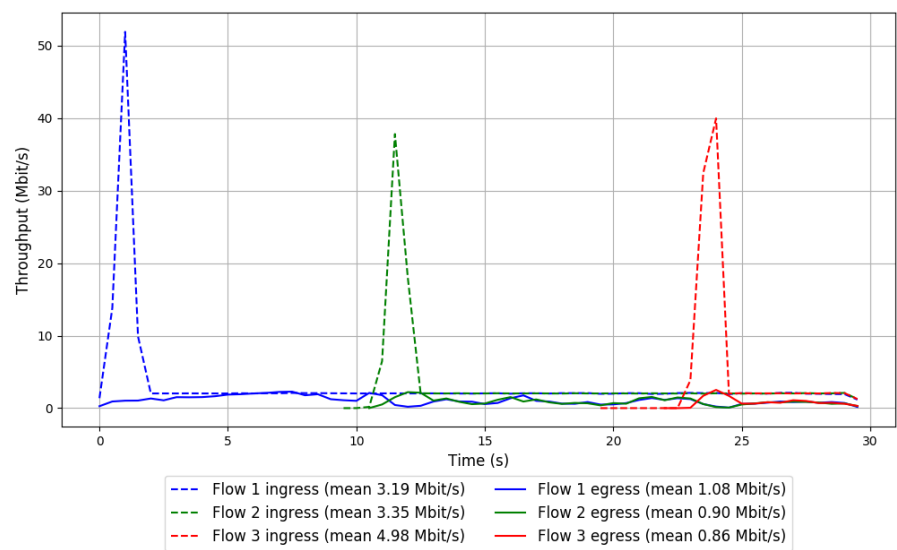


Run 2: Statistics of PCC

Start at: 2017-08-13 06:10:34  
End at: 2017-08-13 06:11:04  
Local clock offset: 0.534 ms  
Remote clock offset: -21.705 ms

# Below is generated by plot.py at 2017-08-13 07:35:08  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.89 Mbit/s  
95th percentile per-packet one-way delay: 684.069 ms  
Loss rate: 73.37%  
-- Flow 1:  
Average throughput: 1.08 Mbit/s  
95th percentile per-packet one-way delay: 392.356 ms  
Loss rate: 66.11%  
-- Flow 2:  
Average throughput: 0.90 Mbit/s  
95th percentile per-packet one-way delay: 722.360 ms  
Loss rate: 74.06%  
-- Flow 3:  
Average throughput: 0.86 Mbit/s  
95th percentile per-packet one-way delay: 750.992 ms  
Loss rate: 86.51%

Run 2: Report of PCC — Data Link

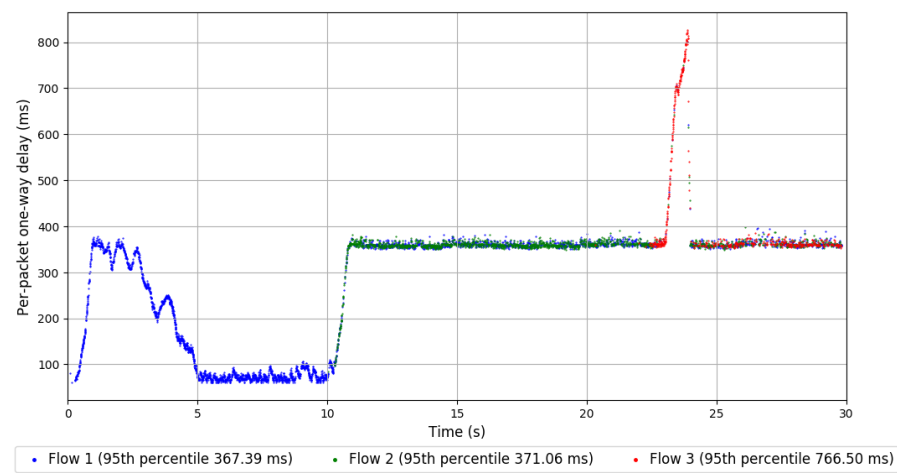
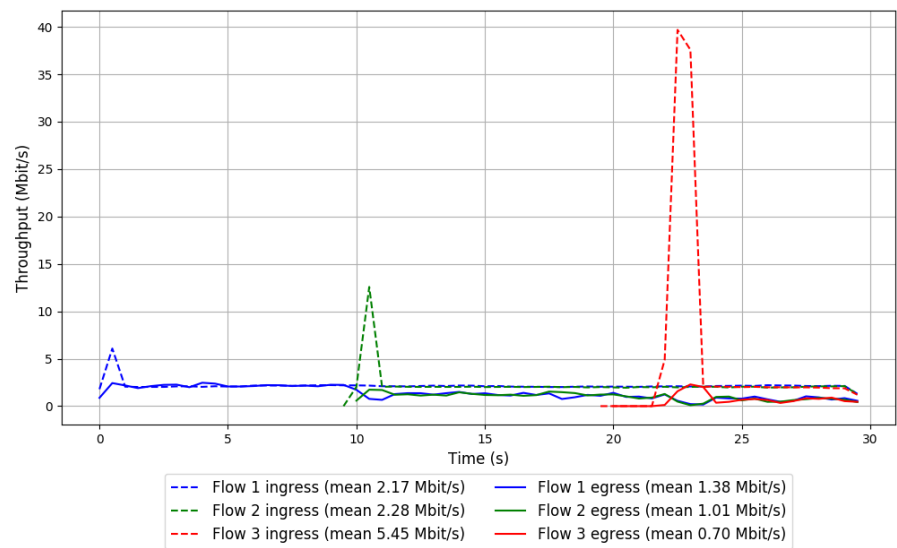


Run 3: Statistics of PCC

Start at: 2017-08-13 06:29:31  
End at: 2017-08-13 06:30:01  
Local clock offset: -0.346 ms  
Remote clock offset: -18.083 ms

# Below is generated by plot.py at 2017-08-13 07:35:09  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 372.454 ms  
Loss rate: 58.72%  
-- Flow 1:  
Average throughput: 1.38 Mbit/s  
95th percentile per-packet one-way delay: 367.388 ms  
Loss rate: 36.48%  
-- Flow 2:  
Average throughput: 1.01 Mbit/s  
95th percentile per-packet one-way delay: 371.064 ms  
Loss rate: 56.23%  
-- Flow 3:  
Average throughput: 0.70 Mbit/s  
95th percentile per-packet one-way delay: 766.496 ms  
Loss rate: 87.66%

Run 3: Report of PCC — Data Link

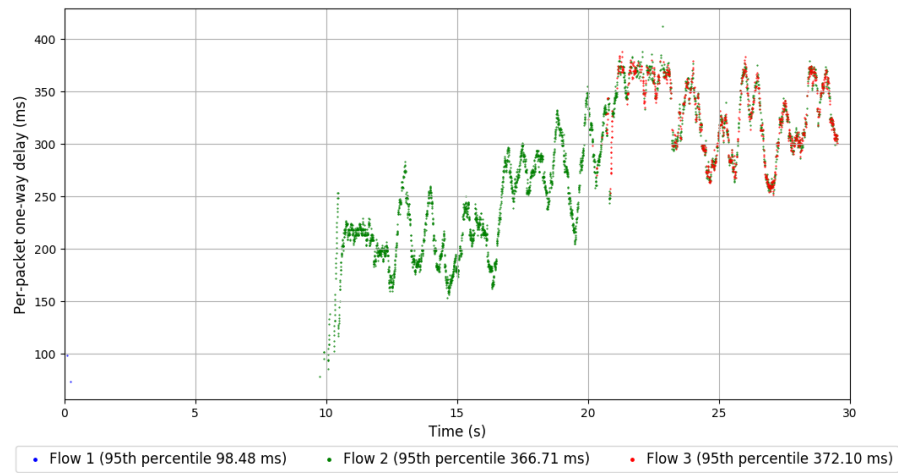
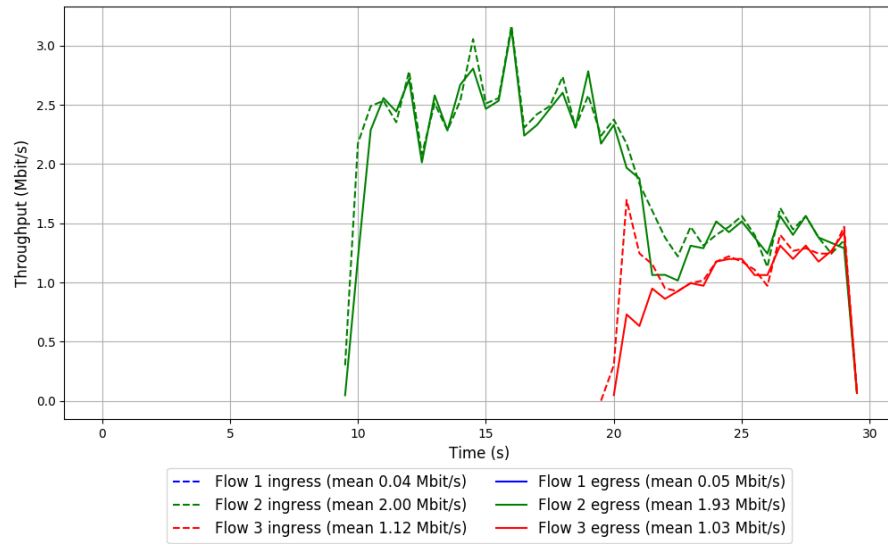


Run 1: Statistics of QUIC Cubic

Start at: 2017-08-13 06:01:46  
End at: 2017-08-13 06:02:16  
Local clock offset: -1.597 ms  
Remote clock offset: -20.16 ms

# Below is generated by plot.py at 2017-08-13 07:35:10  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.63 Mbit/s  
95th percentile per-packet one-way delay: 368.535 ms  
Loss rate: 5.47%  
-- Flow 1:  
Average throughput: 0.05 Mbit/s  
95th percentile per-packet one-way delay: 98.482 ms  
Loss rate: 0.00%  
-- Flow 2:  
Average throughput: 1.93 Mbit/s  
95th percentile per-packet one-way delay: 366.709 ms  
Loss rate: 4.01%  
-- Flow 3:  
Average throughput: 1.03 Mbit/s  
95th percentile per-packet one-way delay: 372.101 ms  
Loss rate: 10.73%

# Run 1: Report of QUIC Cubic — Data Link



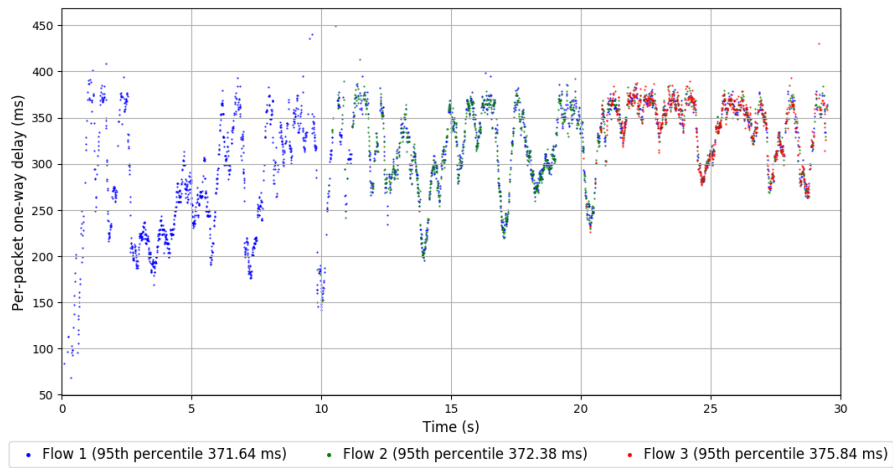
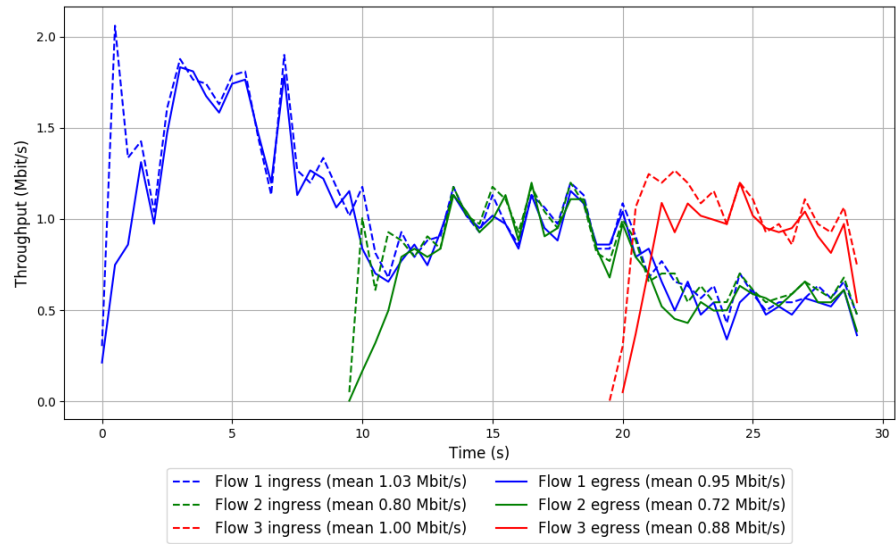
Run 2: Statistics of QUIC Cubic

Start at: 2017-08-13 06:18:59  
End at: 2017-08-13 06:19:29  
Local clock offset: 0.769 ms  
Remote clock offset: -19.791 ms

# Below is generated by plot.py at 2017-08-13 07:35:10  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.71 Mbit/s  
95th percentile per-packet one-way delay: 373.346 ms  
Loss rate: 9.87%  
-- Flow 1:  
Average throughput: 0.95 Mbit/s  
95th percentile per-packet one-way delay: 371.641 ms  
Loss rate: 7.83%  
-- Flow 2:  
Average throughput: 0.72 Mbit/s  
95th percentile per-packet one-way delay: 372.379 ms  
Loss rate: 10.88%  
-- Flow 3:  
Average throughput: 0.88 Mbit/s  
95th percentile per-packet one-way delay: 375.843 ms  
Loss rate: 14.60%



## Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

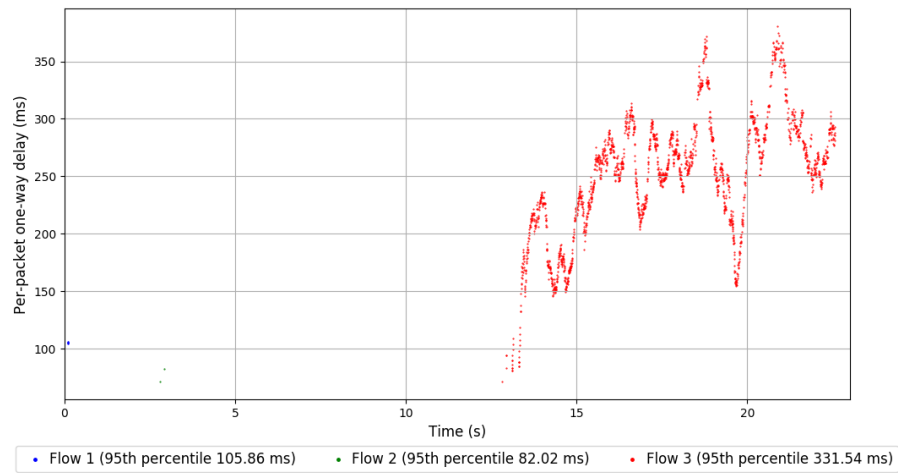
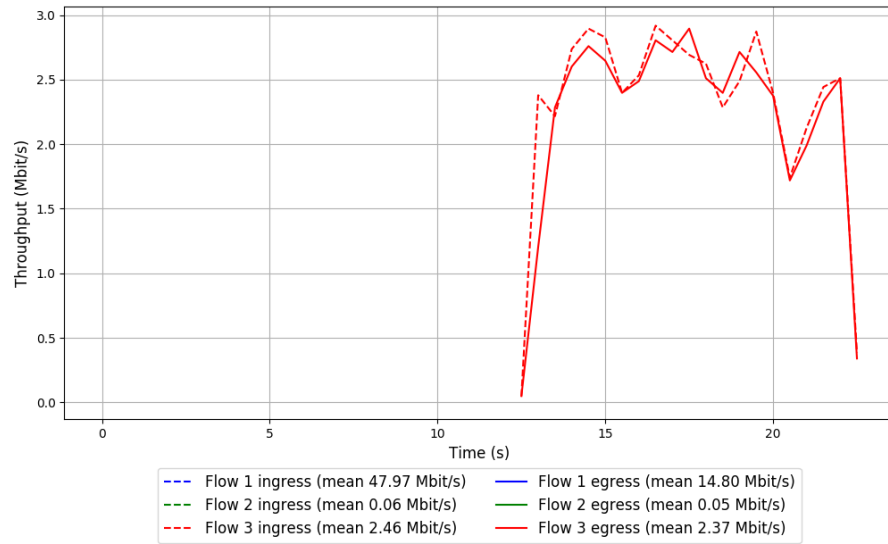
Start at: 2017-08-13 06:37:56

End at: 2017-08-13 06:38:26

Local clock offset: 1.466 ms

Remote clock offset: -19.349 ms

### Run 3: Report of QUIC Cubic — Data Link

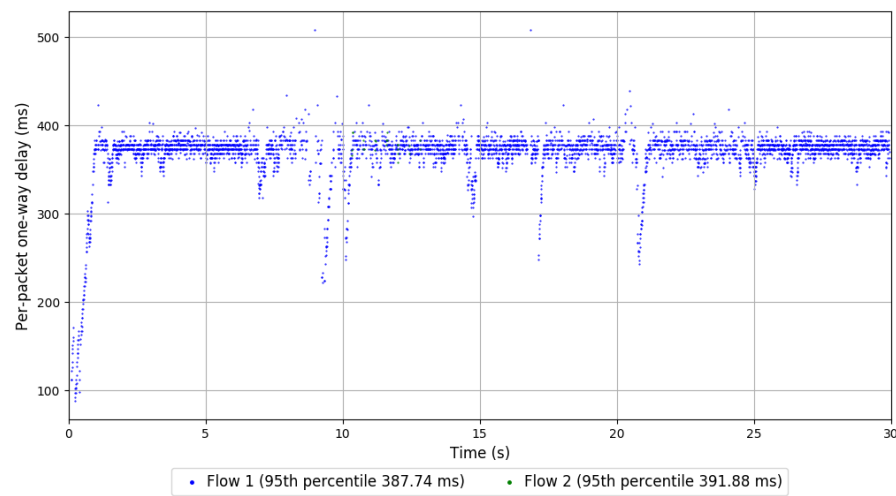
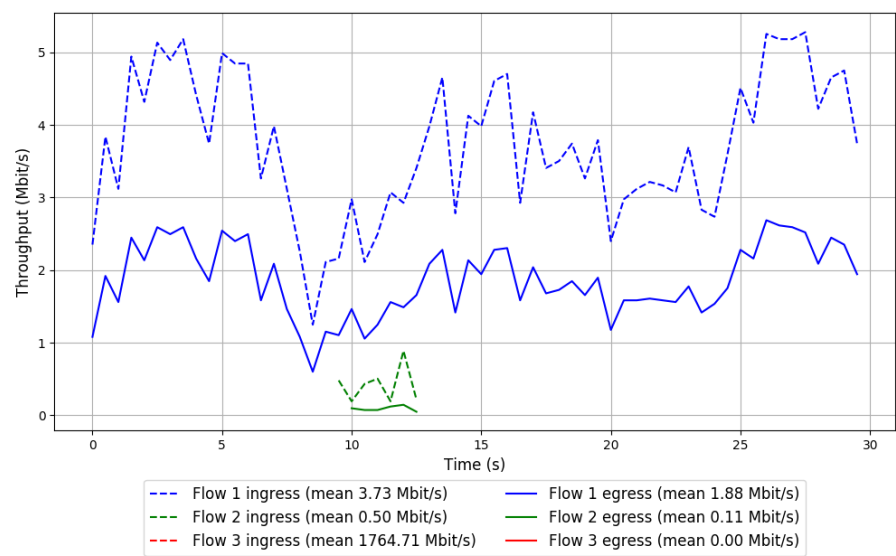


Run 1: Statistics of Saturator

Start at: 2017-08-13 06:00:19  
End at: 2017-08-13 06:00:49  
Local clock offset: 1.475 ms  
Remote clock offset: -20.859 ms

# Below is generated by plot.py at 2017-08-13 07:35:12  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.89 Mbit/s  
95th percentile per-packet one-way delay: 387.748 ms  
Loss rate: 50.32%  
-- Flow 1:  
Average throughput: 1.88 Mbit/s  
95th percentile per-packet one-way delay: 387.744 ms  
Loss rate: 49.81%  
-- Flow 2:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 391.876 ms  
Loss rate: 80.99%  
-- Flow 3:  
Average throughput: 0.00 Mbit/s

Run 1: Report of Saturator — Data Link

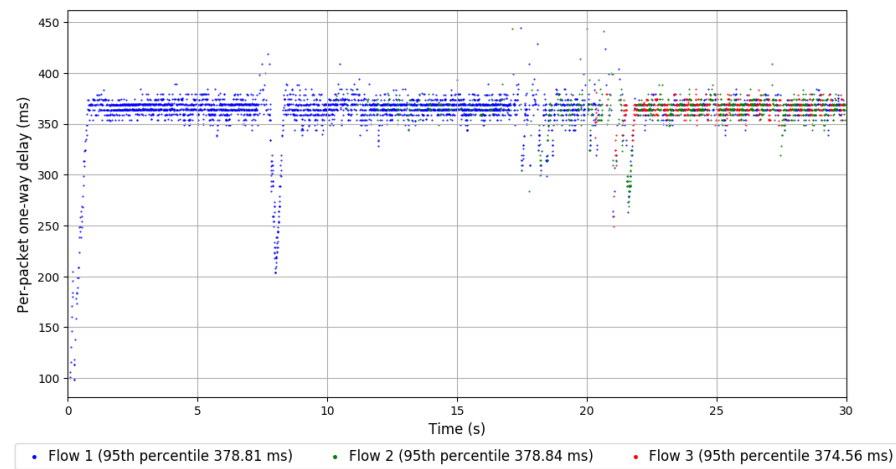
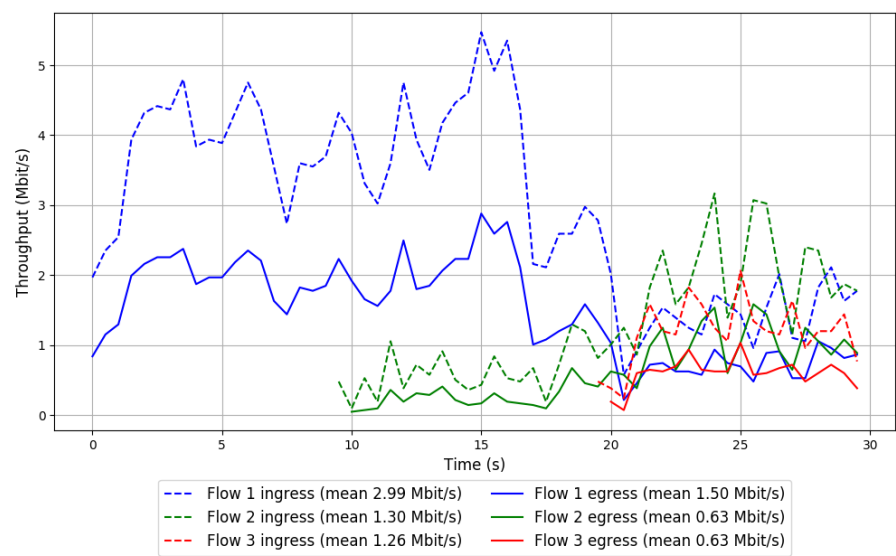


Run 2: Statistics of Saturator

Start at: 2017-08-13 06:17:52  
End at: 2017-08-13 06:18:22  
Local clock offset: 1.203 ms  
Remote clock offset: -18.656 ms

# Below is generated by plot.py at 2017-08-13 07:35:12  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.11 Mbit/s  
95th percentile per-packet one-way delay: 378.769 ms  
Loss rate: 50.61%  
-- Flow 1:  
Average throughput: 1.50 Mbit/s  
95th percentile per-packet one-way delay: 378.814 ms  
Loss rate: 49.99%  
-- Flow 2:  
Average throughput: 0.63 Mbit/s  
95th percentile per-packet one-way delay: 378.840 ms  
Loss rate: 52.34%  
-- Flow 3:  
Average throughput: 0.63 Mbit/s  
95th percentile per-packet one-way delay: 374.560 ms  
Loss rate: 51.45%

Run 2: Report of Saturator — Data Link



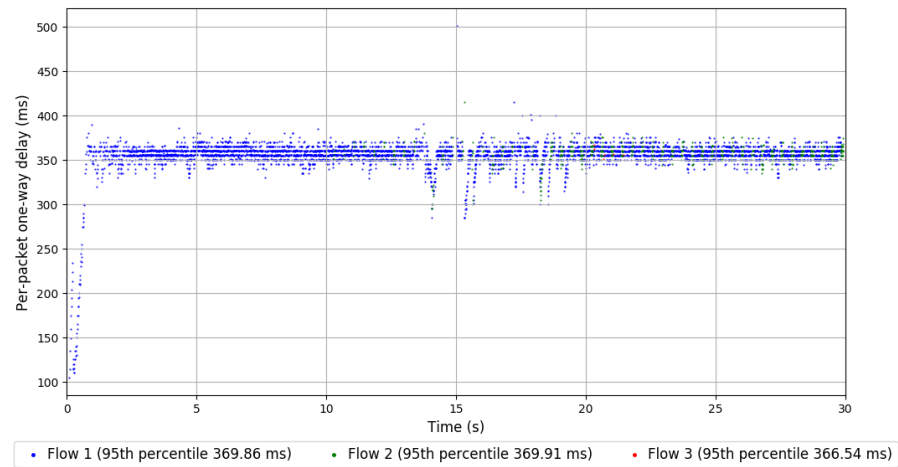
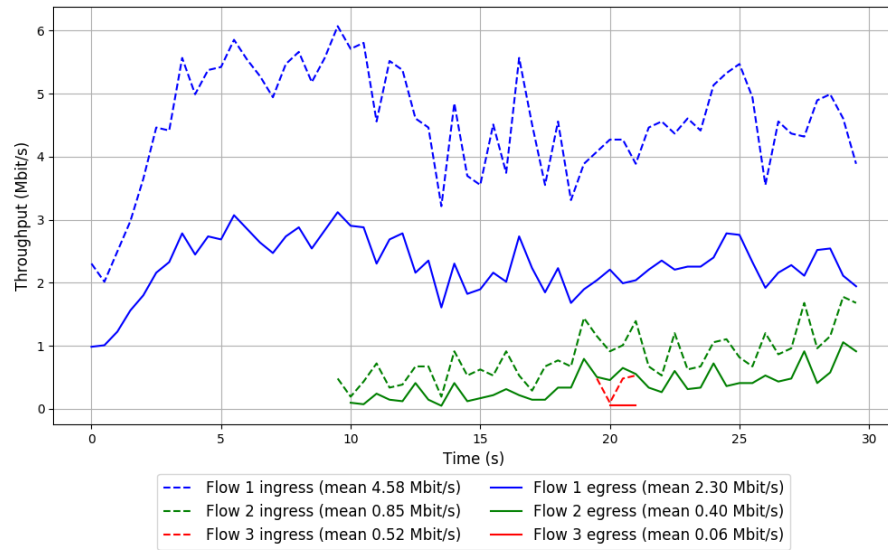
Run 3: Statistics of Saturator

Start at: 2017-08-13 06:36:29  
End at: 2017-08-13 06:36:59  
Local clock offset: 0.892 ms  
Remote clock offset: -18.035 ms

# Below is generated by plot.py at 2017-08-13 07:35:14  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.56 Mbit/s  
95th percentile per-packet one-way delay: 369.867 ms  
Loss rate: 50.59%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 369.858 ms  
Loss rate: 49.94%  
-- Flow 2:  
Average throughput: 0.40 Mbit/s  
95th percentile per-packet one-way delay: 369.909 ms  
Loss rate: 53.95%  
-- Flow 3:  
Average throughput: 0.06 Mbit/s  
95th percentile per-packet one-way delay: 366.535 ms  
Loss rate: 90.91%



### Run 3: Report of Saturator — Data Link

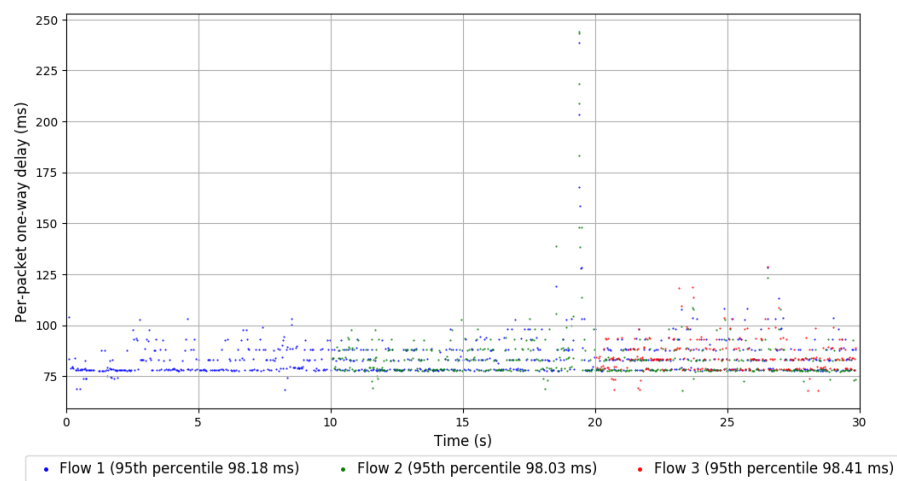
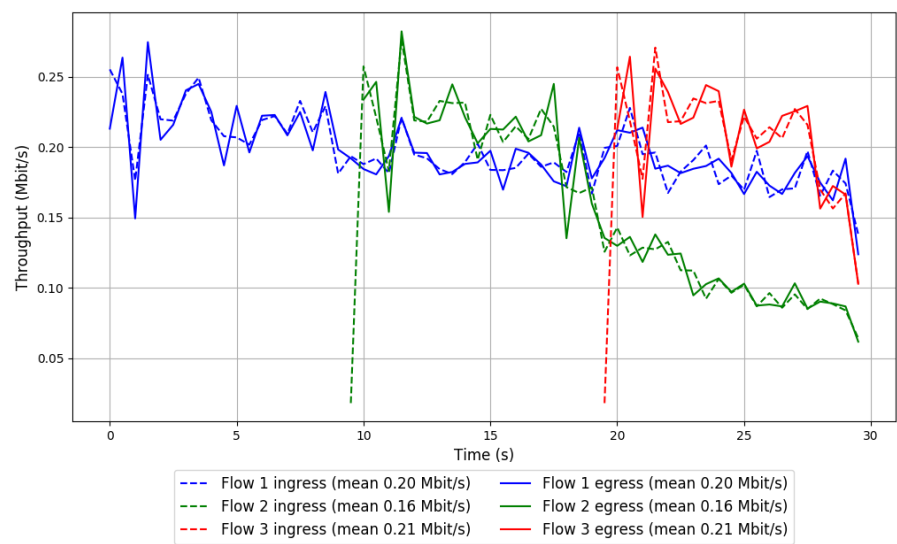


Run 1: Statistics of SReAM

Start at: 2017-08-13 05:54:27  
End at: 2017-08-13 05:54:57  
Local clock offset: -2.309 ms  
Remote clock offset: -19.769 ms

# Below is generated by plot.py at 2017-08-13 07:35:14  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.37 Mbit/s  
95th percentile per-packet one-way delay: 98.232 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 0.20 Mbit/s  
95th percentile per-packet one-way delay: 98.178 ms  
Loss rate: 0.35%  
-- Flow 2:  
Average throughput: 0.16 Mbit/s  
95th percentile per-packet one-way delay: 98.028 ms  
Loss rate: 0.37%  
-- Flow 3:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 98.407 ms  
Loss rate: 0.50%

Run 1: Report of SReAM — Data Link

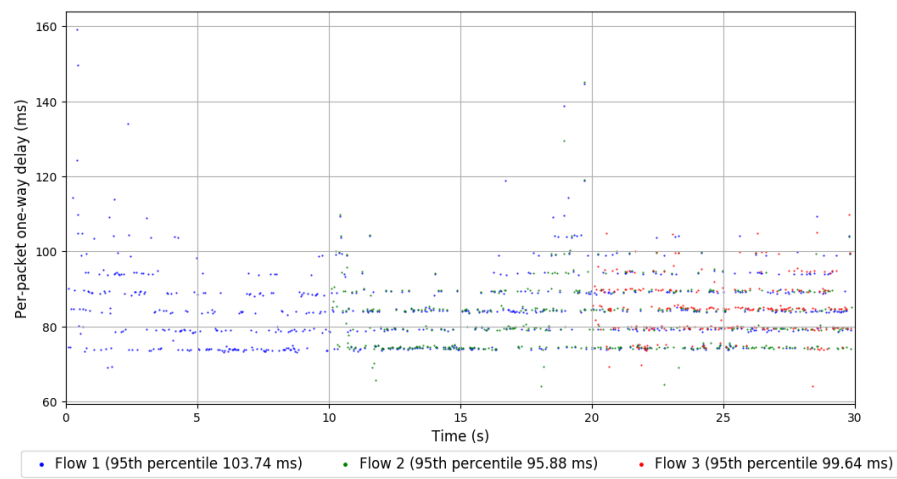
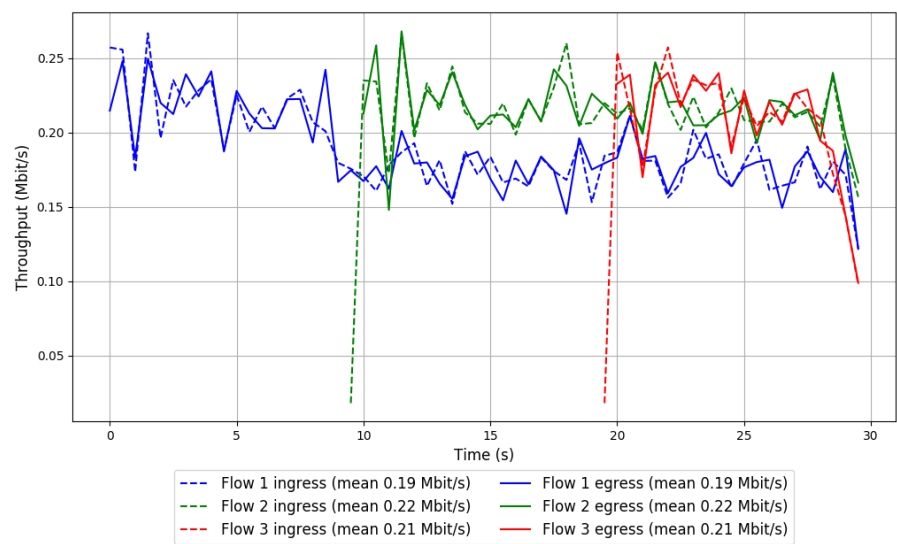


Run 2: Statistics of SReAM

Start at: 2017-08-13 06:12:01  
End at: 2017-08-13 06:12:31  
Local clock offset: 0.125 ms  
Remote clock offset: -19.321 ms

# Below is generated by plot.py at 2017-08-13 07:35:15  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.40 Mbit/s  
95th percentile per-packet one-way delay: 99.541 ms  
Loss rate: 0.28%  
-- Flow 1:  
Average throughput: 0.19 Mbit/s  
95th percentile per-packet one-way delay: 103.739 ms  
Loss rate: 0.24%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 95.879 ms  
Loss rate: 0.22%  
-- Flow 3:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 99.638 ms  
Loss rate: 0.50%

Run 2: Report of SReAM — Data Link

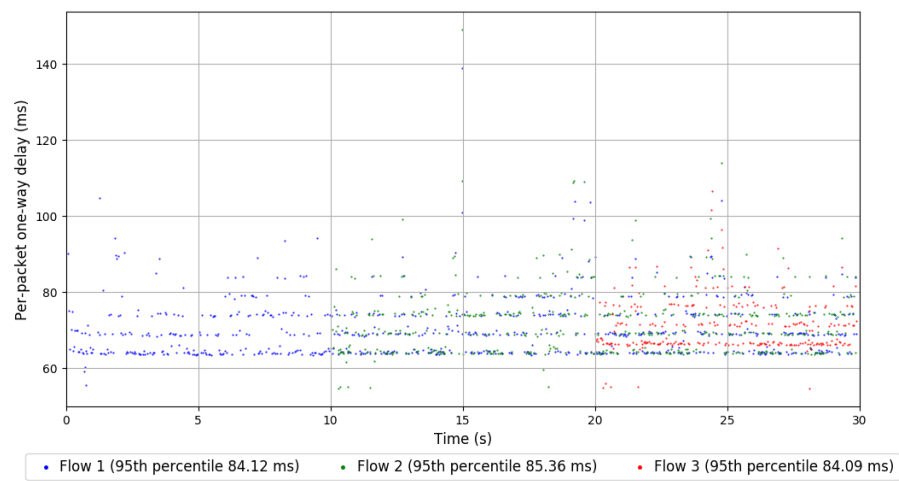
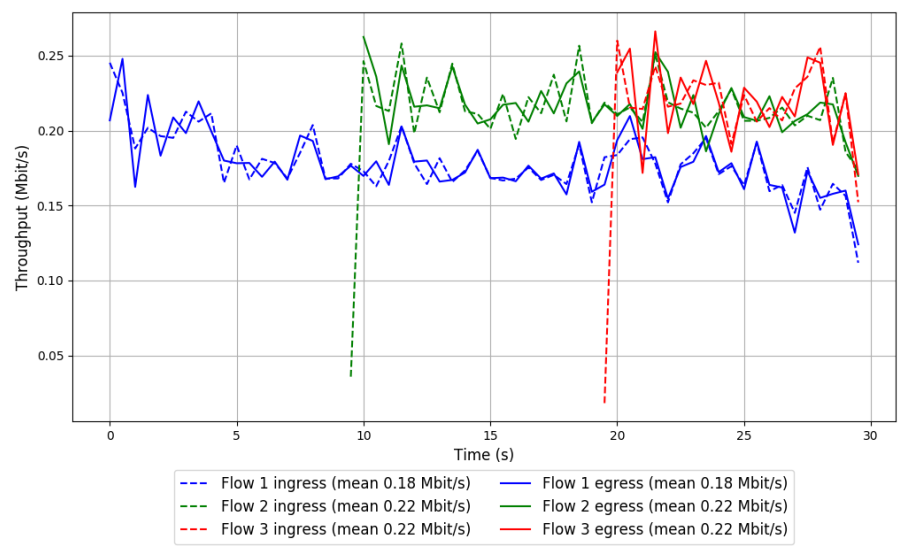


Run 3: Statistics of SReAM

Start at: 2017-08-13 06:30:37  
End at: 2017-08-13 06:31:07  
Local clock offset: -1.44 ms  
Remote clock offset: -18.819 ms

# Below is generated by plot.py at 2017-08-13 07:35:15  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.40 Mbit/s  
95th percentile per-packet one-way delay: 84.278 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 0.18 Mbit/s  
95th percentile per-packet one-way delay: 84.124 ms  
Loss rate: 0.25%  
-- Flow 2:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 85.355 ms  
Loss rate: 0.39%  
-- Flow 3:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.090 ms  
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link



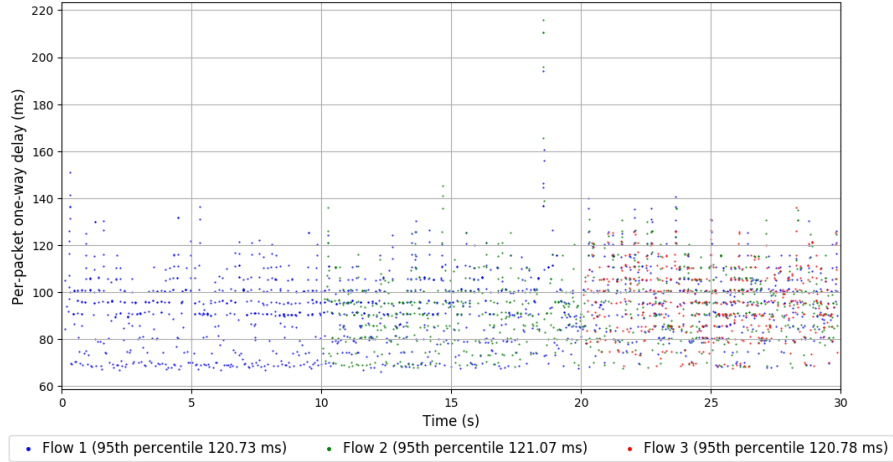
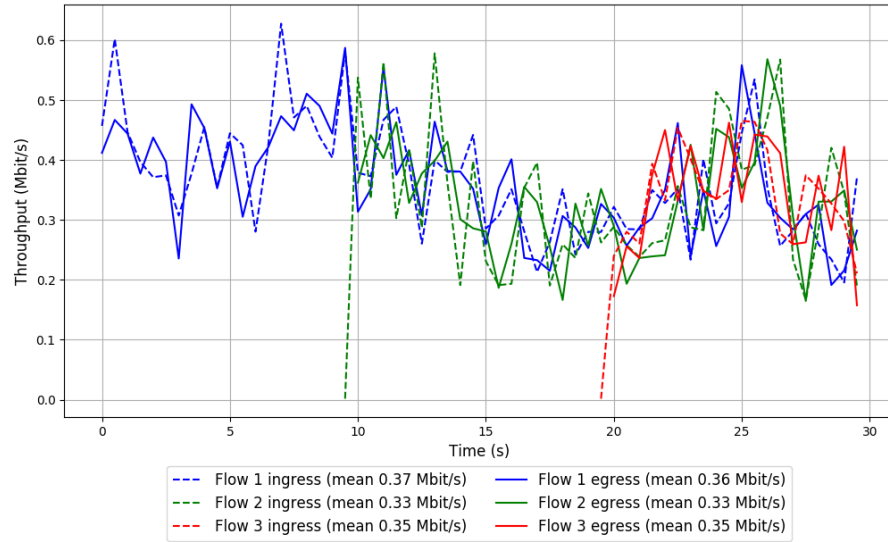
Run 1: Statistics of Sprout

Start at: 2017-08-13 05:48:56  
End at: 2017-08-13 05:49:26  
Local clock offset: -2.294 ms  
Remote clock offset: -19.652 ms

# Below is generated by plot.py at 2017-08-13 07:35:16  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.70 Mbit/s  
95th percentile per-packet one-way delay: 120.828 ms  
Loss rate: 1.03%  
-- Flow 1:  
Average throughput: 0.36 Mbit/s  
95th percentile per-packet one-way delay: 120.729 ms  
Loss rate: 1.23%  
-- Flow 2:  
Average throughput: 0.33 Mbit/s  
95th percentile per-packet one-way delay: 121.071 ms  
Loss rate: 0.72%  
-- Flow 3:  
Average throughput: 0.35 Mbit/s  
95th percentile per-packet one-way delay: 120.775 ms  
Loss rate: 0.98%



# Run 1: Report of Sprout — Data Link

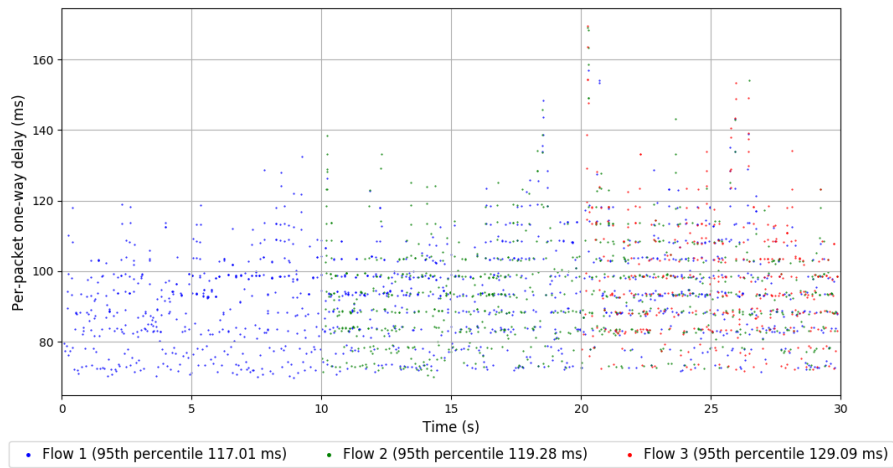
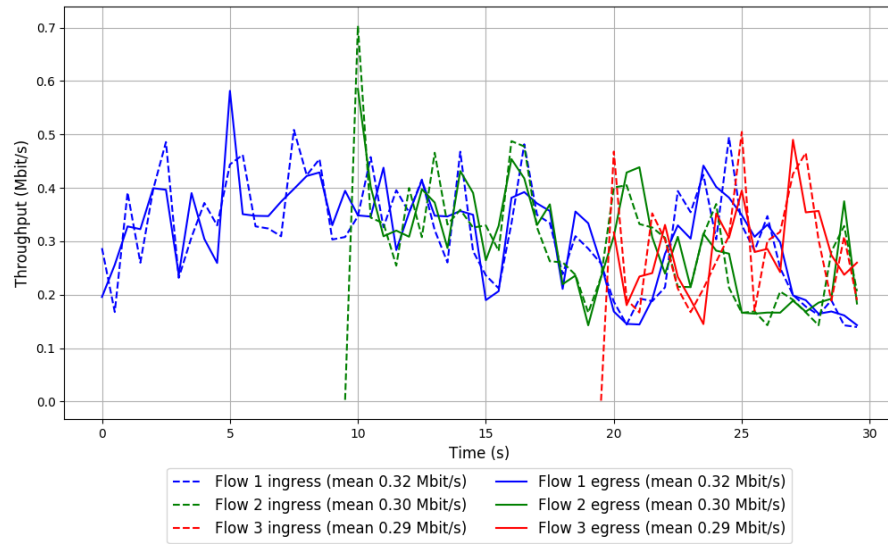


## Run 2: Statistics of Sprout

Start at: 2017-08-13 06:06:10  
End at: 2017-08-13 06:06:40  
Local clock offset: 0.595 ms  
Remote clock offset: -19.816 ms

```
# Below is generated by plot.py at 2017-08-13 07:35:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 118.672 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 117.014 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 119.277 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 129.095 ms
Loss rate: 1.96%
```

## Run 2: Report of Sprout — Data Link

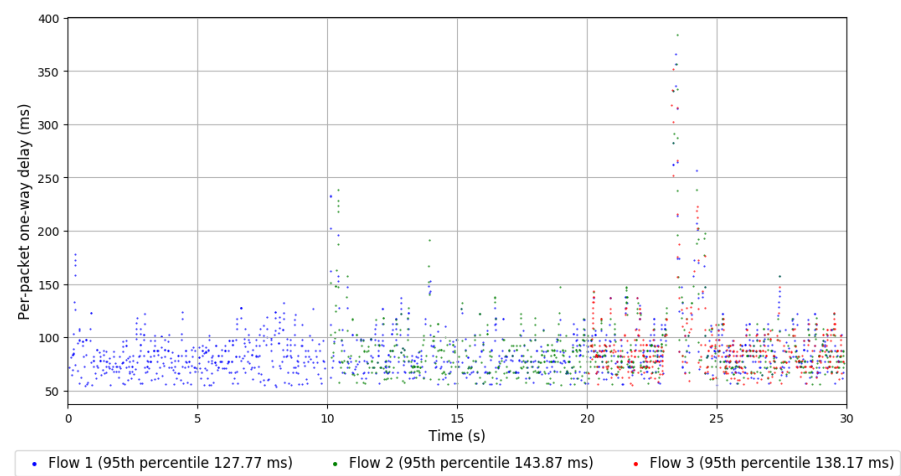
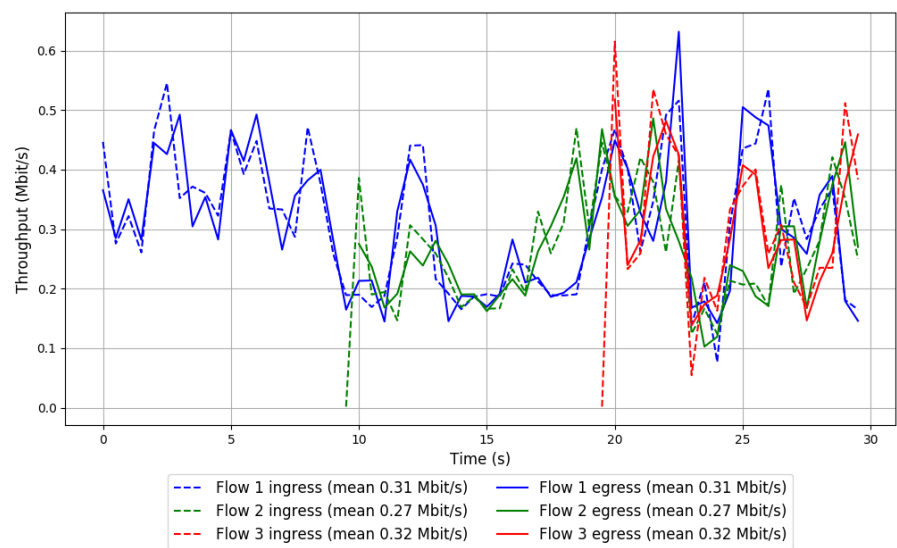


### Run 3: Statistics of Sprout

Start at: 2017-08-13 06:23:44  
End at: 2017-08-13 06:24:14  
Local clock offset: 0.722 ms  
Remote clock offset: -17.543 ms

```
# Below is generated by plot.py at 2017-08-13 07:35:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 136.828 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 127.765 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 143.870 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 138.166 ms
Loss rate: 2.74%
```

Run 3: Report of Sprout — Data Link

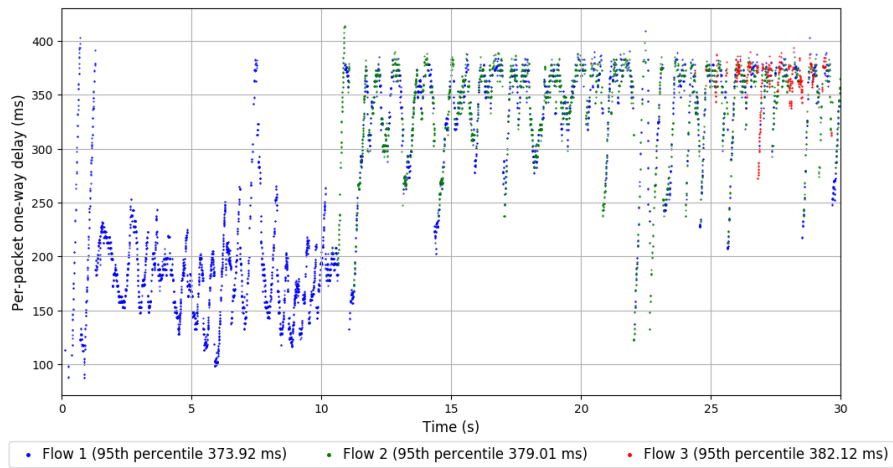
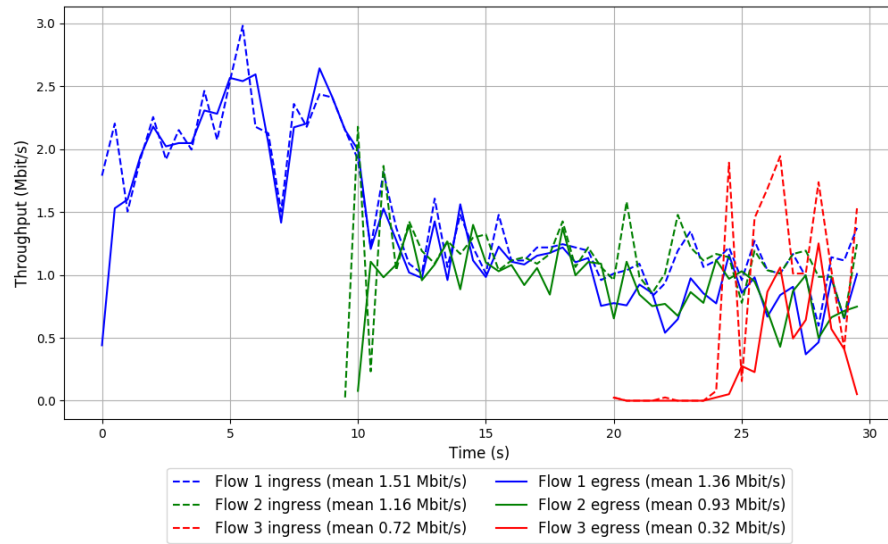


Run 1: Statistics of TaoVA-100x

Start at: 2017-08-13 05:56:40  
End at: 2017-08-13 05:57:10  
Local clock offset: 1.37 ms  
Remote clock offset: -20.147 ms

# Below is generated by plot.py at 2017-08-13 07:35:19  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.08 Mbit/s  
95th percentile per-packet one-way delay: 377.600 ms  
Loss rate: 17.52%  
-- Flow 1:  
Average throughput: 1.36 Mbit/s  
95th percentile per-packet one-way delay: 373.918 ms  
Loss rate: 10.06%  
-- Flow 2:  
Average throughput: 0.93 Mbit/s  
95th percentile per-packet one-way delay: 379.014 ms  
Loss rate: 19.96%  
-- Flow 3:  
Average throughput: 0.32 Mbit/s  
95th percentile per-packet one-way delay: 382.121 ms  
Loss rate: 57.50%

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



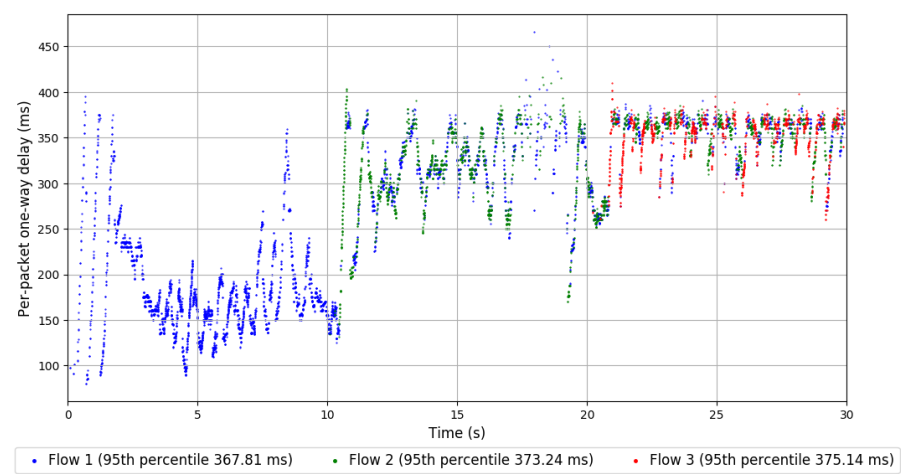
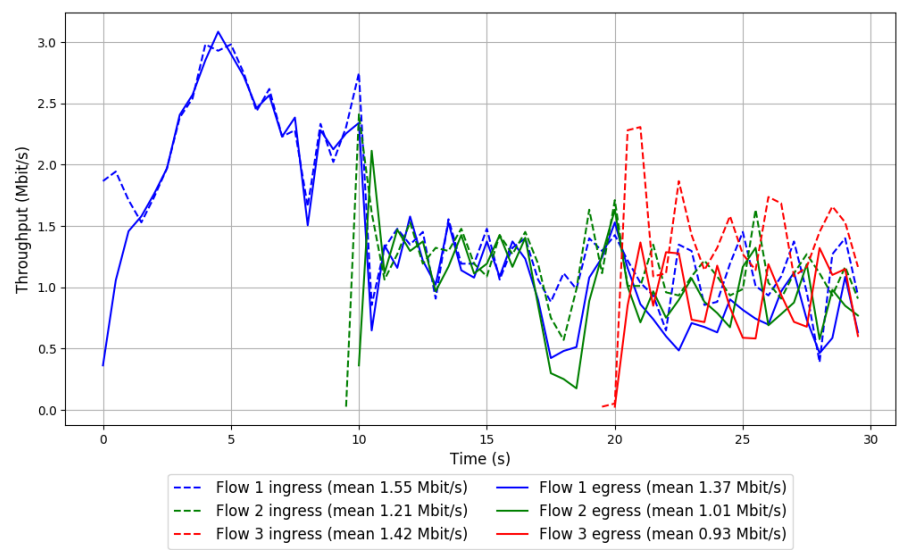
Run 2: Statistics of TaoVA-100x

Start at: 2017-08-13 06:14:13  
End at: 2017-08-13 06:14:43  
Local clock offset: -0.04 ms  
Remote clock offset: -20.502 ms

# Below is generated by plot.py at 2017-08-13 07:35:19  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.34 Mbit/s  
95th percentile per-packet one-way delay: 370.841 ms  
Loss rate: 17.68%  
-- Flow 1:  
Average throughput: 1.37 Mbit/s  
95th percentile per-packet one-way delay: 367.812 ms  
Loss rate: 12.35%  
-- Flow 2:  
Average throughput: 1.01 Mbit/s  
95th percentile per-packet one-way delay: 373.241 ms  
Loss rate: 17.27%  
-- Flow 3:  
Average throughput: 0.93 Mbit/s  
95th percentile per-packet one-way delay: 375.143 ms  
Loss rate: 36.01%



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

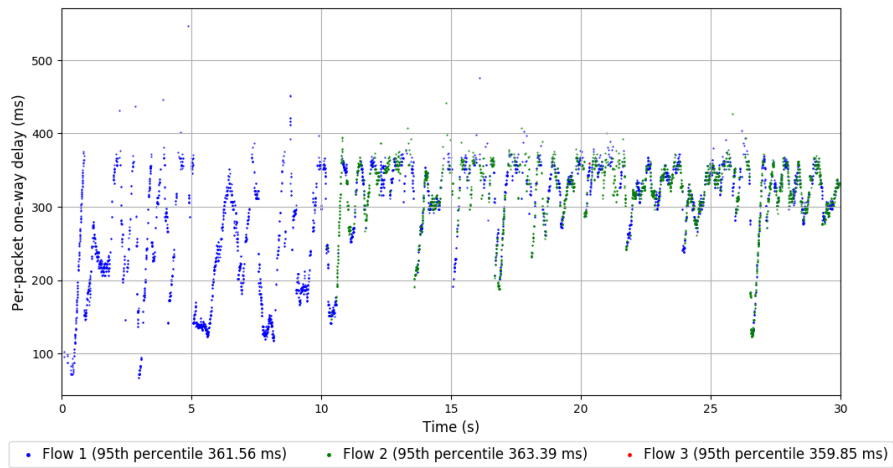
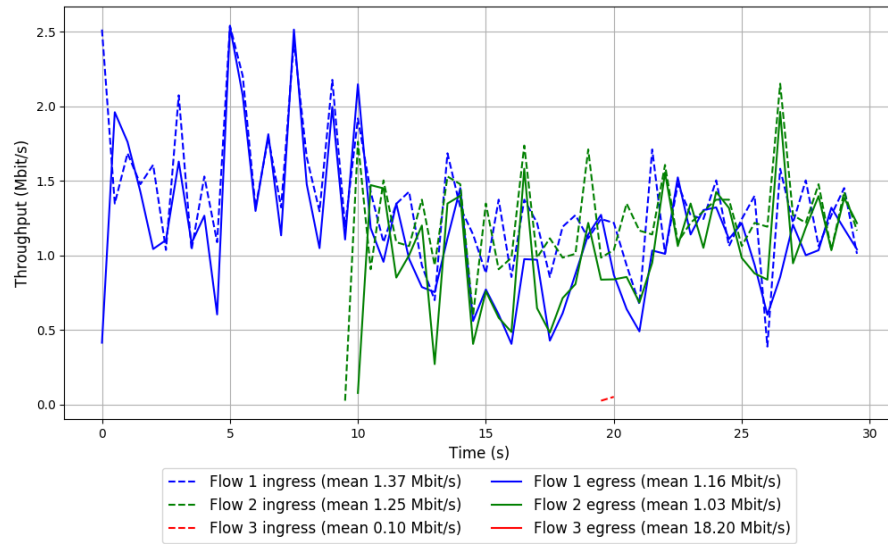


Run 3: Statistics of TaoVA-100x

Start at: 2017-08-13 06:33:10  
End at: 2017-08-13 06:33:40  
Local clock offset: 0.442 ms  
Remote clock offset: -18.96 ms

# Below is generated by plot.py at 2017-08-13 07:35:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.84 Mbit/s  
95th percentile per-packet one-way delay: 362.119 ms  
Loss rate: 16.61%  
-- Flow 1:  
Average throughput: 1.16 Mbit/s  
95th percentile per-packet one-way delay: 361.558 ms  
Loss rate: 15.22%  
-- Flow 2:  
Average throughput: 1.03 Mbit/s  
95th percentile per-packet one-way delay: 363.387 ms  
Loss rate: 18.81%  
-- Flow 3:  
Average throughput: 18.20 Mbit/s  
95th percentile per-packet one-way delay: 359.852 ms  
Loss rate: 66.67%

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

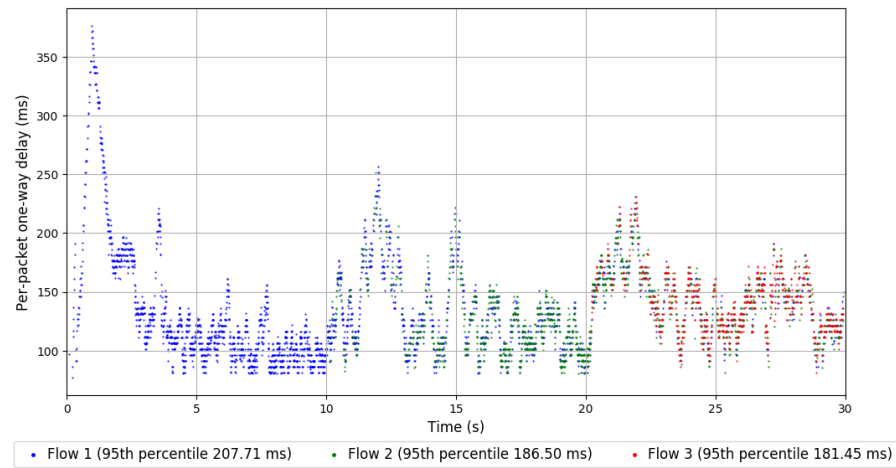
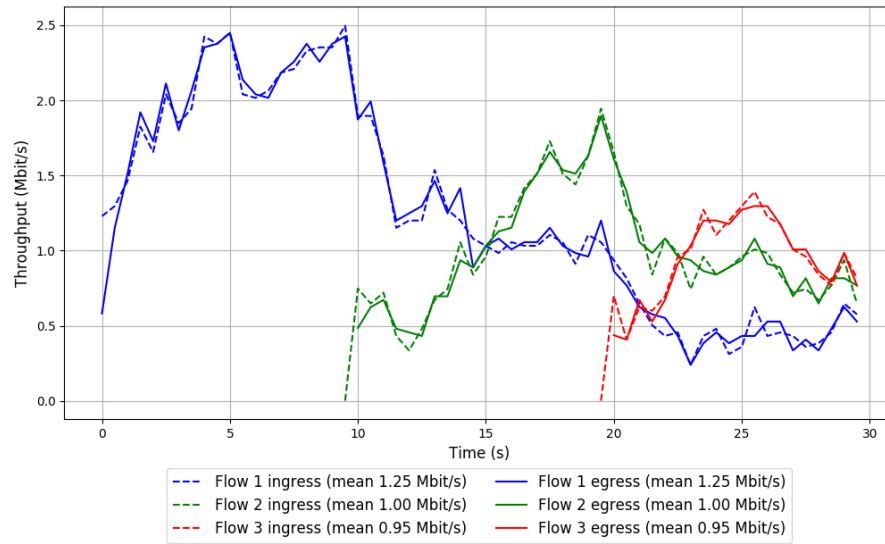


Run 1: Statistics of TCP Vegas

Start at: 2017-08-13 05:57:46  
End at: 2017-08-13 05:58:16  
Local clock offset: -1.003 ms  
Remote clock offset: -21.099 ms

# Below is generated by plot.py at 2017-08-13 07:35:21  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 196.696 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 1.25 Mbit/s  
95th percentile per-packet one-way delay: 207.707 ms  
Loss rate: 0.29%  
-- Flow 2:  
Average throughput: 1.00 Mbit/s  
95th percentile per-packet one-way delay: 186.505 ms  
Loss rate: 0.54%  
-- Flow 3:  
Average throughput: 0.95 Mbit/s  
95th percentile per-packet one-way delay: 181.447 ms  
Loss rate: 1.76%

# Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-08-13 06:15:39

End at: 2017-08-13 06:16:09

Local clock offset: -0.674 ms

Remote clock offset: -19.4 ms

# Below is generated by plot.py at 2017-08-13 07:35:21

# Datalink statistics

-- Total of 3 flows:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 203.123 ms

Loss rate: 0.86%

-- Flow 1:

Average throughput: 1.30 Mbit/s

95th percentile per-packet one-way delay: 232.983 ms

Loss rate: 0.94%

-- Flow 2:

Average throughput: 1.09 Mbit/s

95th percentile per-packet one-way delay: 183.138 ms

Loss rate: 0.50%

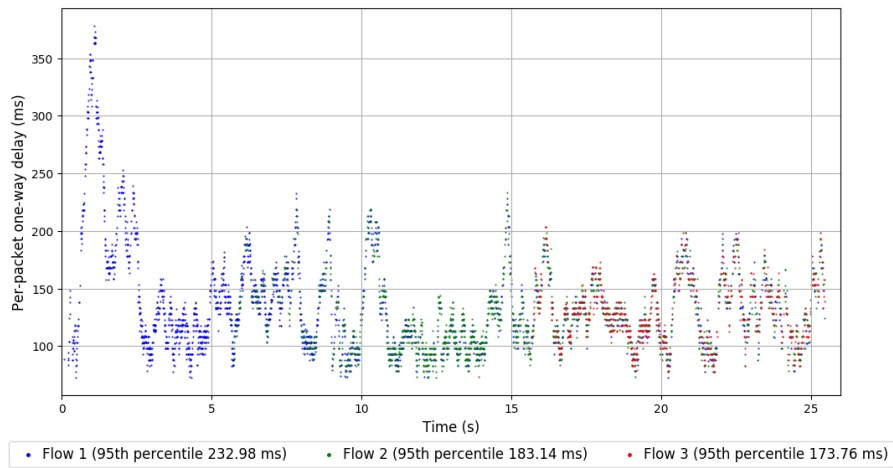
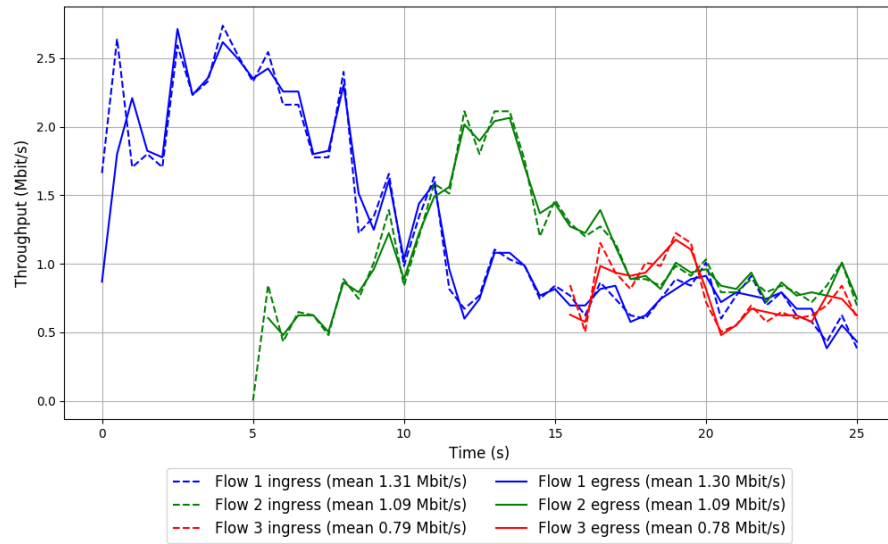
-- Flow 3:

Average throughput: 0.78 Mbit/s

95th percentile per-packet one-way delay: 173.761 ms

Loss rate: 1.53%

## Run 2: Report of TCP Vegas — Data Link



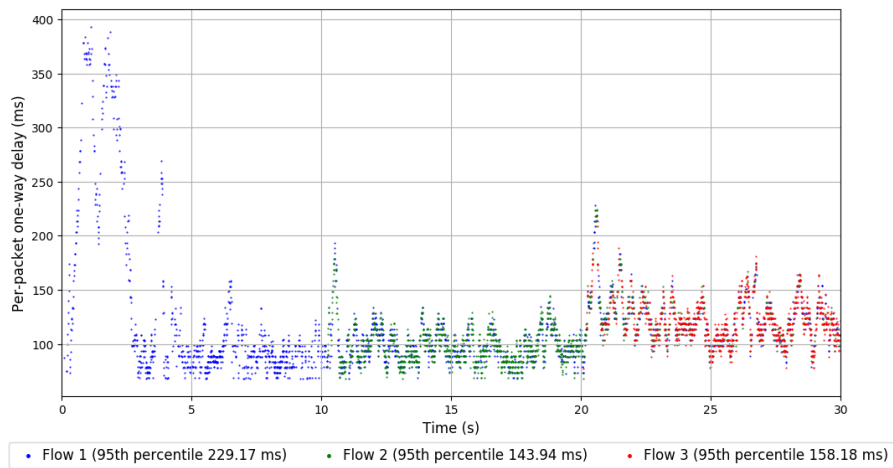
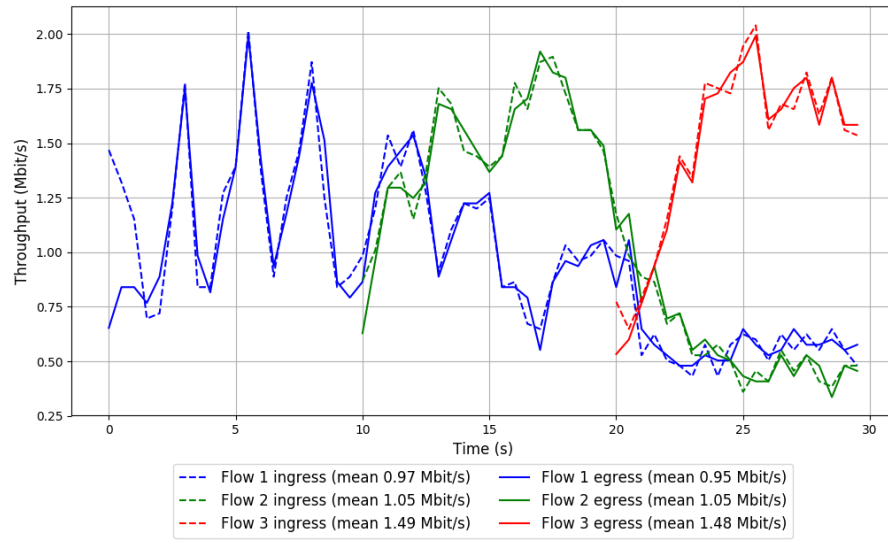
Run 3: Statistics of TCP Vegas

Start at: 2017-08-13 06:34:16  
End at: 2017-08-13 06:34:46  
Local clock offset: 1.654 ms  
Remote clock offset: -20.109 ms

# Below is generated by plot.py at 2017-08-13 07:35:22  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.13 Mbit/s  
95th percentile per-packet one-way delay: 164.476 ms  
Loss rate: 1.49%  
-- Flow 1:  
Average throughput: 0.95 Mbit/s  
95th percentile per-packet one-way delay: 229.169 ms  
Loss rate: 2.28%  
-- Flow 2:  
Average throughput: 1.05 Mbit/s  
95th percentile per-packet one-way delay: 143.940 ms  
Loss rate: 0.46%  
-- Flow 3:  
Average throughput: 1.48 Mbit/s  
95th percentile per-packet one-way delay: 158.175 ms  
Loss rate: 1.38%



### Run 3: Report of TCP Vegas — Data Link

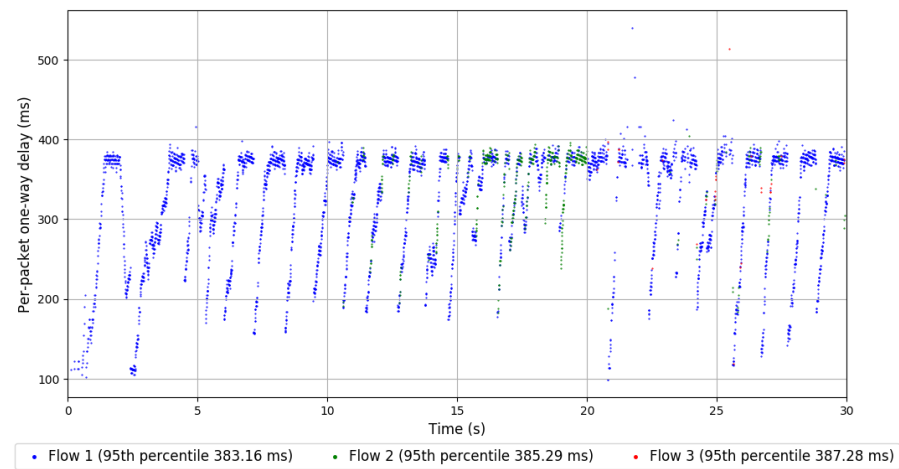
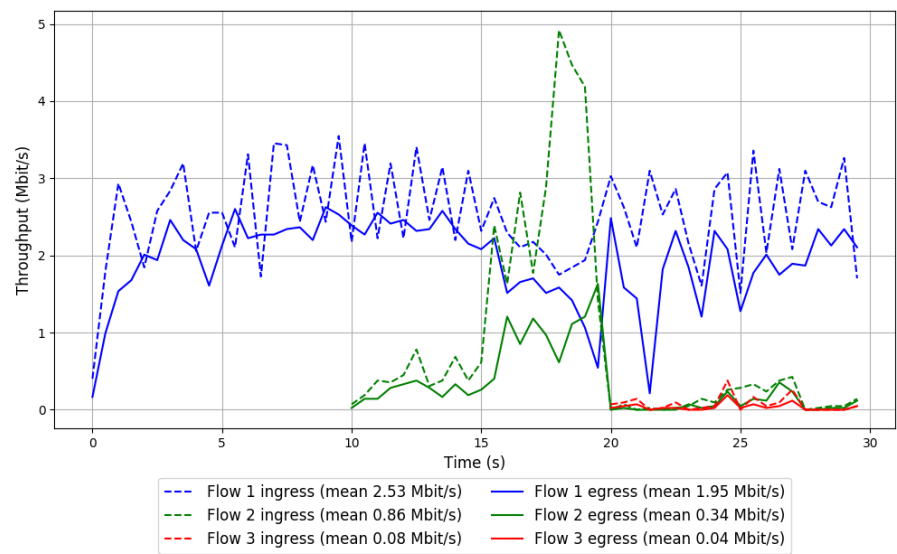


Run 1: Statistics of Verus

Start at: 2017-08-13 05:55:33  
End at: 2017-08-13 05:56:03  
Local clock offset: 2.4 ms  
Remote clock offset: -20.12 ms

# Below is generated by plot.py at 2017-08-13 07:35:23  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.18 Mbit/s  
95th percentile per-packet one-way delay: 383.547 ms  
Loss rate: 30.30%  
-- Flow 1:  
Average throughput: 1.95 Mbit/s  
95th percentile per-packet one-way delay: 383.164 ms  
Loss rate: 23.30%  
-- Flow 2:  
Average throughput: 0.34 Mbit/s  
95th percentile per-packet one-way delay: 385.292 ms  
Loss rate: 60.86%  
-- Flow 3:  
Average throughput: 0.04 Mbit/s  
95th percentile per-packet one-way delay: 387.281 ms  
Loss rate: 50.79%

Run 1: Report of Verus — Data Link

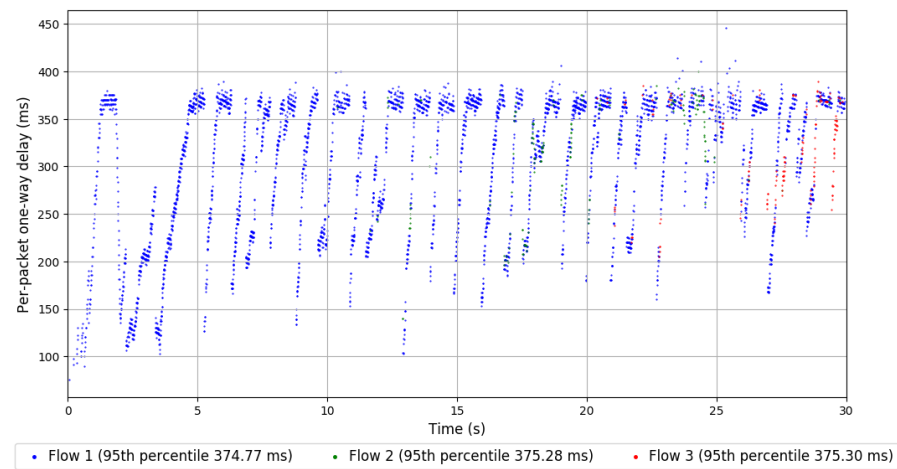
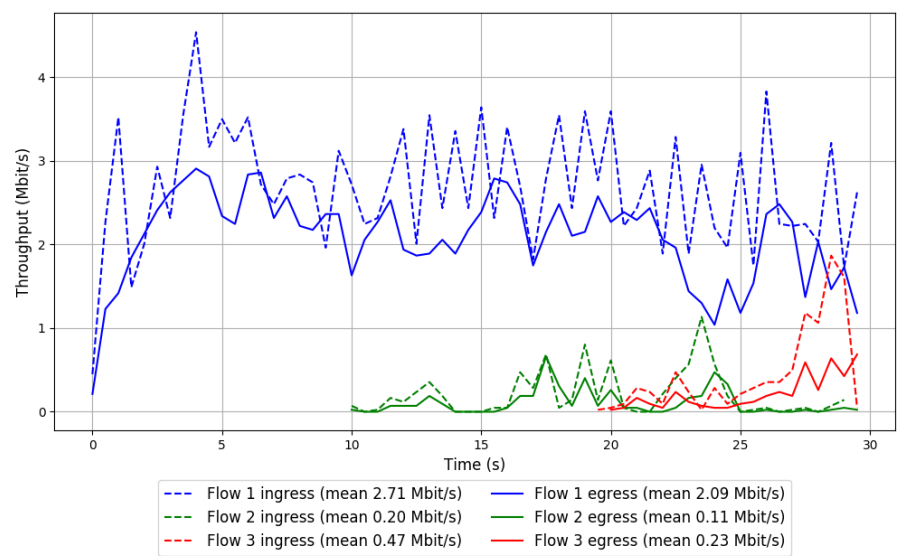


Run 2: Statistics of Verus

Start at: 2017-08-13 06:13:06  
End at: 2017-08-13 06:13:36  
Local clock offset: 0.426 ms  
Remote clock offset: -19.725 ms

# Below is generated by plot.py at 2017-08-13 07:35:24  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.24 Mbit/s  
95th percentile per-packet one-way delay: 374.949 ms  
Loss rate: 25.44%  
-- Flow 1:  
Average throughput: 2.09 Mbit/s  
95th percentile per-packet one-way delay: 374.774 ms  
Loss rate: 22.72%  
-- Flow 2:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 375.276 ms  
Loss rate: 47.46%  
-- Flow 3:  
Average throughput: 0.23 Mbit/s  
95th percentile per-packet one-way delay: 375.300 ms  
Loss rate: 53.79%

Run 2: Report of Verus — Data Link

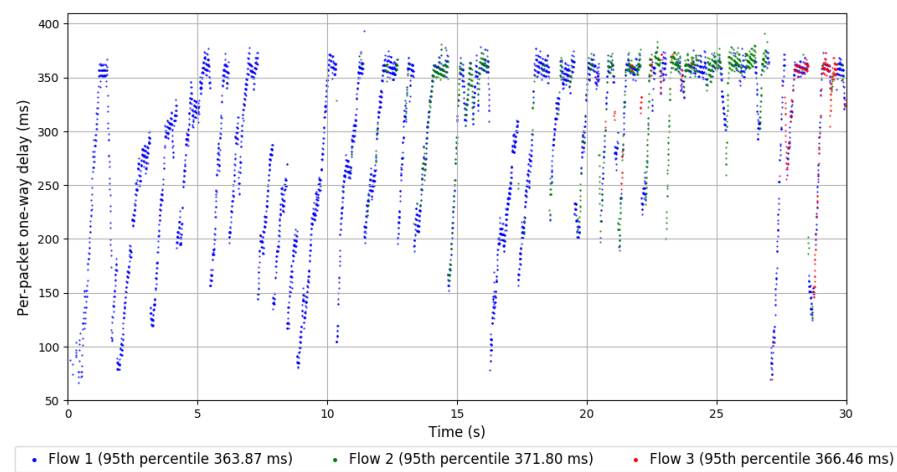
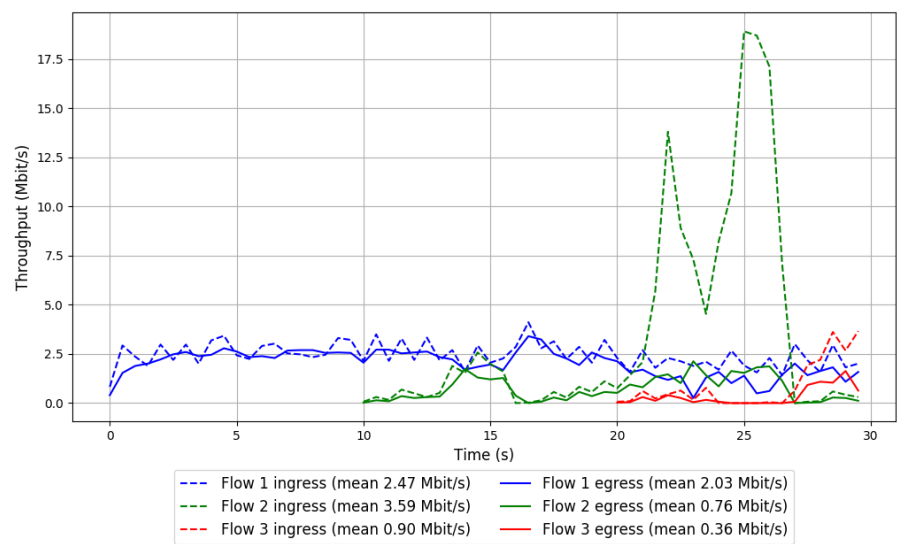


Run 3: Statistics of Verus

Start at: 2017-08-13 06:31:43  
End at: 2017-08-13 06:32:13  
Local clock offset: 0.811 ms  
Remote clock offset: -18.098 ms

# Below is generated by plot.py at 2017-08-13 07:35:25  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 2.64 Mbit/s  
95th percentile per-packet one-way delay: 366.727 ms  
Loss rate: 48.85%  
-- Flow 1:  
Average throughput: 2.03 Mbit/s  
95th percentile per-packet one-way delay: 363.870 ms  
Loss rate: 17.90%  
-- Flow 2:  
Average throughput: 0.76 Mbit/s  
95th percentile per-packet one-way delay: 371.799 ms  
Loss rate: 79.27%  
-- Flow 3:  
Average throughput: 0.36 Mbit/s  
95th percentile per-packet one-way delay: 366.463 ms  
Loss rate: 61.67%

Run 3: Report of Verus — Data Link



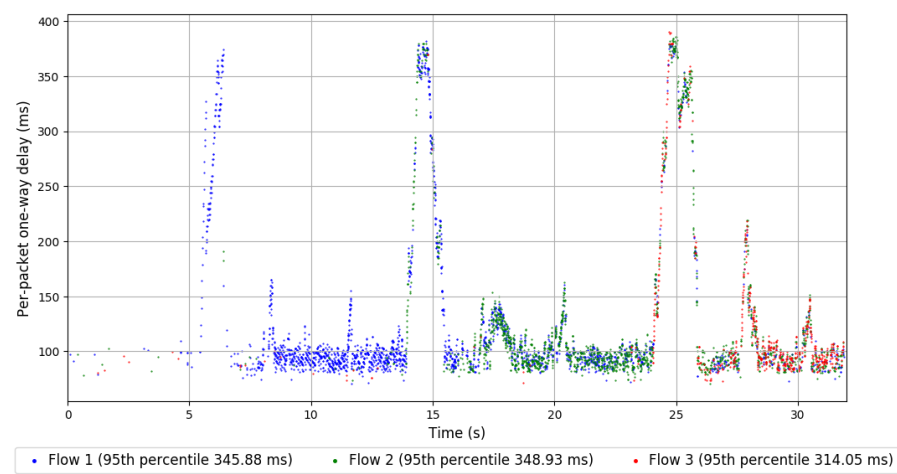
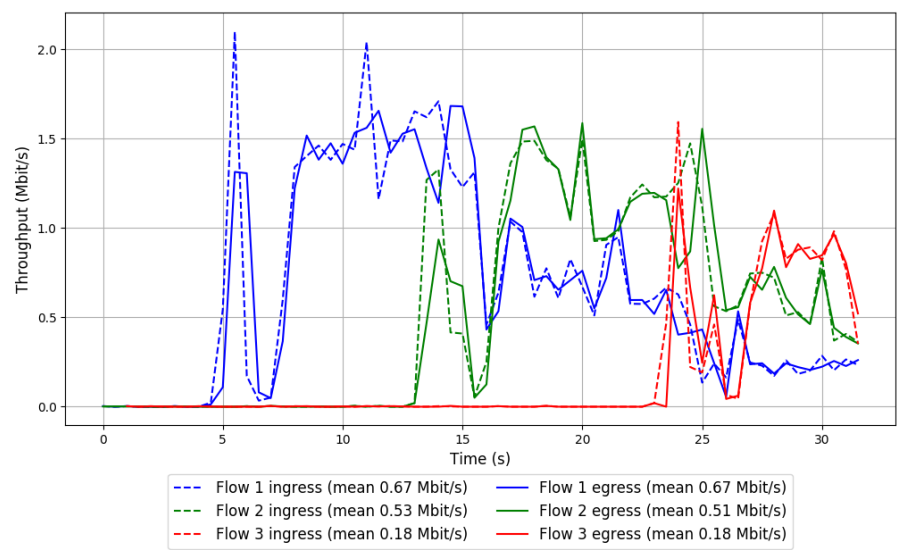
Run 1: Statistics of WebRTC media

Start at: 2017-08-13 05:52:15  
End at: 2017-08-13 05:52:45  
Local clock offset: 2.218 ms  
Remote clock offset: -19.42 ms

# Below is generated by plot.py at 2017-08-13 07:35:25  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.35 Mbit/s  
95th percentile per-packet one-way delay: 346.283 ms  
Loss rate: 1.92%  
-- Flow 1:  
Average throughput: 0.67 Mbit/s  
95th percentile per-packet one-way delay: 345.876 ms  
Loss rate: 1.05%  
-- Flow 2:  
Average throughput: 0.51 Mbit/s  
95th percentile per-packet one-way delay: 348.929 ms  
Loss rate: 3.17%  
-- Flow 3:  
Average throughput: 0.18 Mbit/s  
95th percentile per-packet one-way delay: 314.046 ms  
Loss rate: 1.55%



Run 1: Report of WebRTC media — Data Link

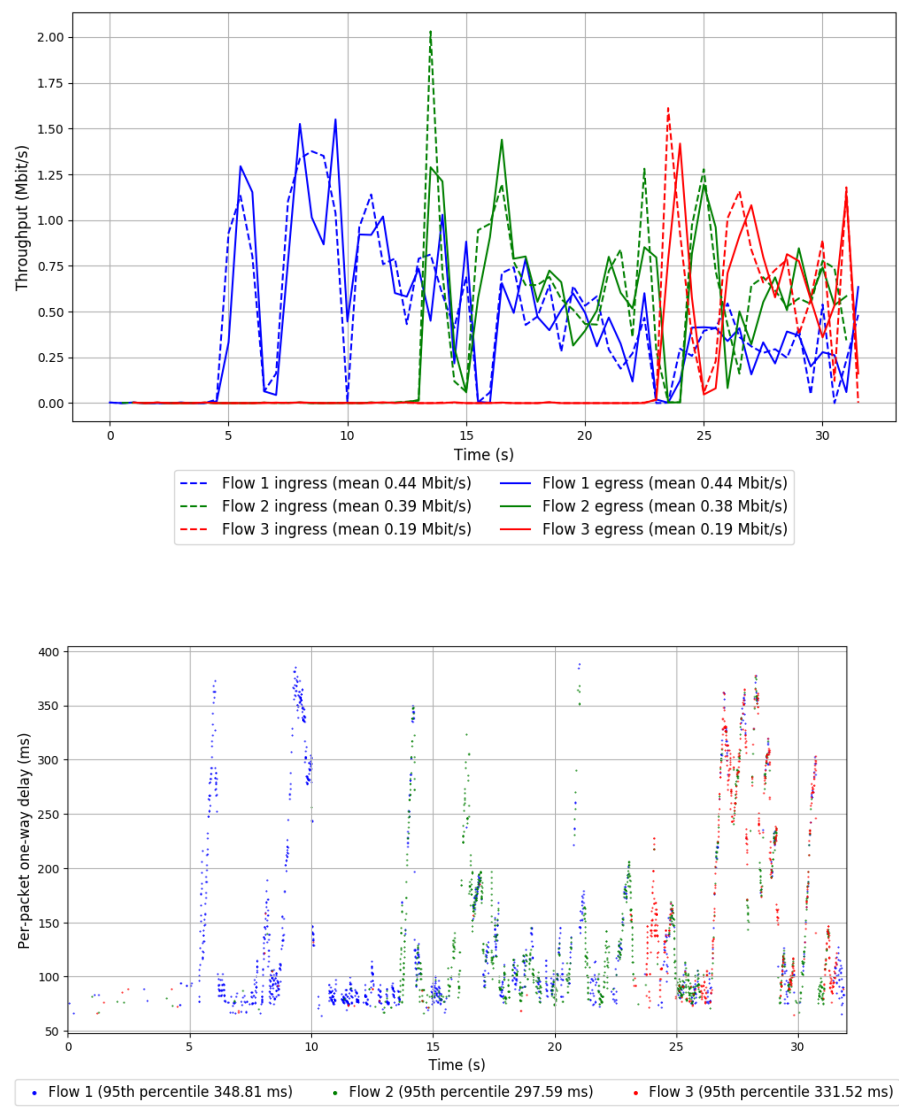


Run 2: Statistics of WebRTC media

Start at: 2017-08-13 06:09:28  
End at: 2017-08-13 06:09:58  
Local clock offset: 1.64 ms  
Remote clock offset: -20.31 ms

# Below is generated by plot.py at 2017-08-13 07:35:26  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 0.98 Mbit/s  
95th percentile per-packet one-way delay: 335.818 ms  
Loss rate: 1.27%  
-- Flow 1:  
Average throughput: 0.44 Mbit/s  
95th percentile per-packet one-way delay: 348.806 ms  
Loss rate: 1.49%  
-- Flow 2:  
Average throughput: 0.38 Mbit/s  
95th percentile per-packet one-way delay: 297.588 ms  
Loss rate: 0.96%  
-- Flow 3:  
Average throughput: 0.19 Mbit/s  
95th percentile per-packet one-way delay: 331.516 ms  
Loss rate: 1.36%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-08-13 06:28:05  
End at: 2017-08-13 06:28:35  
Local clock offset: -0.2 ms  
Remote clock offset: -19.867 ms

# Below is generated by plot.py at 2017-08-13 07:35:26  
# Datalink statistics  
-- Total of 3 flows:  
Average throughput: 1.06 Mbit/s  
95th percentile per-packet one-way delay: 353.357 ms  
Loss rate: 4.92%  
-- Flow 1:  
Average throughput: 0.79 Mbit/s  
95th percentile per-packet one-way delay: 354.932 ms  
Loss rate: 4.19%  
-- Flow 2:  
Average throughput: 0.26 Mbit/s  
95th percentile per-packet one-way delay: 330.265 ms  
Loss rate: 5.11%  
-- Flow 3:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 344.741 ms  
Loss rate: 11.38%

Run 3: Report of WebRTC media — Data Link

