

Pantheon Report

Generated at 2018-01-26 18:17:38 (UTC).

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

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).

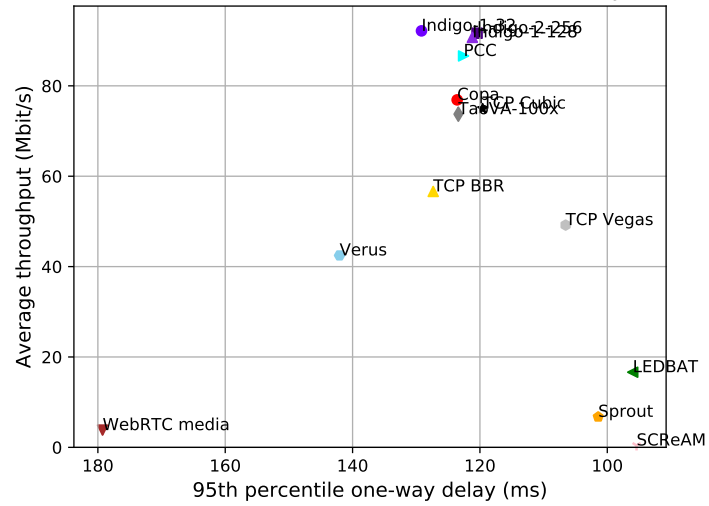
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

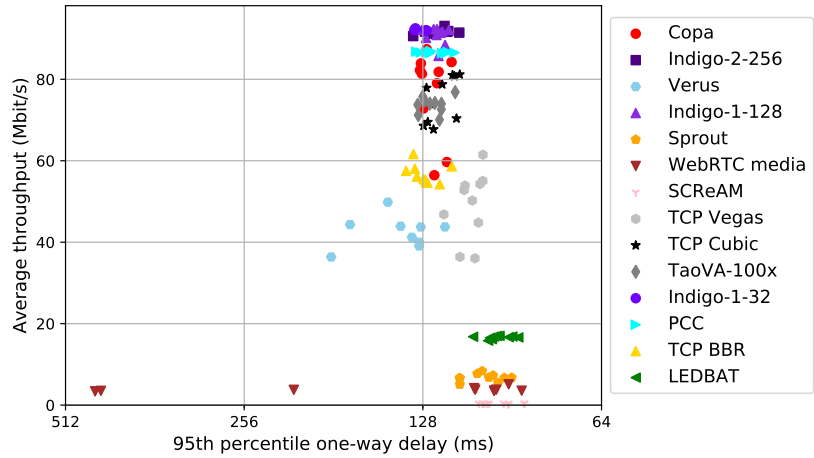
Git summary:

```
branch: master @ f23294ec38436c9f802847d477a41b7343ec76e6
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd9c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
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 @ f1a14bffe749737437f61b1eae30b267cde681
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/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



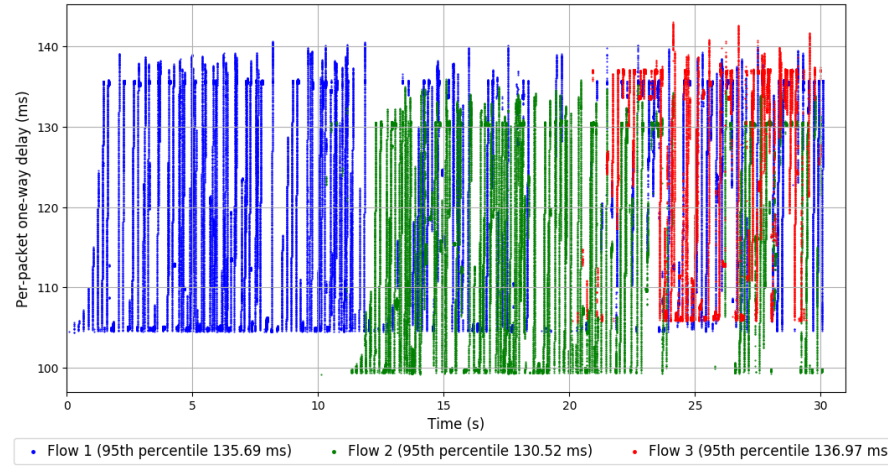
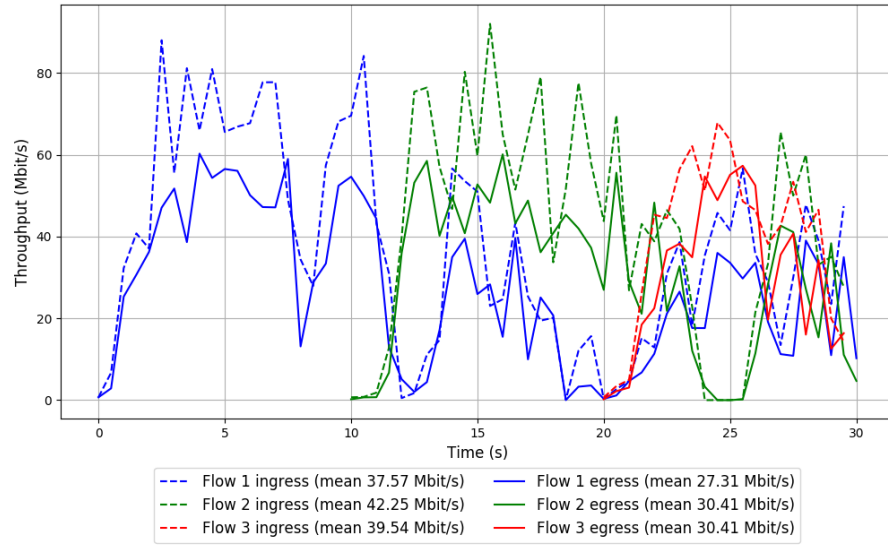
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	31.05	28.12	21.18	125.39	125.18	126.60	28.01	28.79	25.58
TCP Cubic	10	41.03	40.15	21.74	117.29	121.70	118.10	0.48	0.73	1.17
LEDBAT	10	10.73	7.16	3.47	94.60	94.47	94.84	0.00	0.00	0.00
PCC	10	78.59	9.19	5.82	122.52	123.92	121.85	2.91	4.33	6.07
QUIC Cubic	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SCReAM	10	0.21	0.20	0.22	92.28	91.38	93.56	0.00	0.00	0.00
WebRTC media	10	2.27	1.29	0.33	172.65	200.74	160.14	0.00	0.00	0.00
Sprout	10	3.63	3.30	2.82	100.08	101.26	101.90	0.00	0.00	0.00
TaoVA-100x	10	49.39	30.35	17.33	123.48	121.27	121.48	4.48	8.92	11.48
TCP Vegas	10	22.89	25.52	28.06	105.66	105.98	109.15	0.84	1.00	1.89
Verus	9	24.98	20.83	13.00	135.44	143.30	129.19	48.30	46.98	35.16
Copa	10	61.97	39.46	9.94	324.79	122.75	184.89	5.37	16.63	4.83
Indigo-2-256	10	65.91	24.47	29.63	119.82	120.92	123.14	1.01	2.45	6.81
Indigo-1-32	4	60.75	24.60	47.17	124.91	126.51	125.97	21.80	47.09	63.14
Indigo-1-128	10	68.35	21.71	24.89	120.89	122.43	122.61	1.68	3.33	6.66

Run 1: Statistics of TCP BBR

Start at: 2018-01-26 14:19:19
End at: 2018-01-26 14:19:49
Local clock offset: 0.014 ms
Remote clock offset: -4.691 ms

Below is generated by plot.py at 2018-01-26 18:01:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 136.619 ms
Loss rate: 26.80%
-- Flow 1:
Average throughput: 27.31 Mbit/s
95th percentile per-packet one-way delay: 135.688 ms
Loss rate: 27.24%
-- Flow 2:
Average throughput: 30.41 Mbit/s
95th percentile per-packet one-way delay: 130.523 ms
Loss rate: 28.02%
-- Flow 3:
Average throughput: 30.41 Mbit/s
95th percentile per-packet one-way delay: 136.974 ms
Loss rate: 22.85%

Run 1: Report of TCP BBR — Data Link

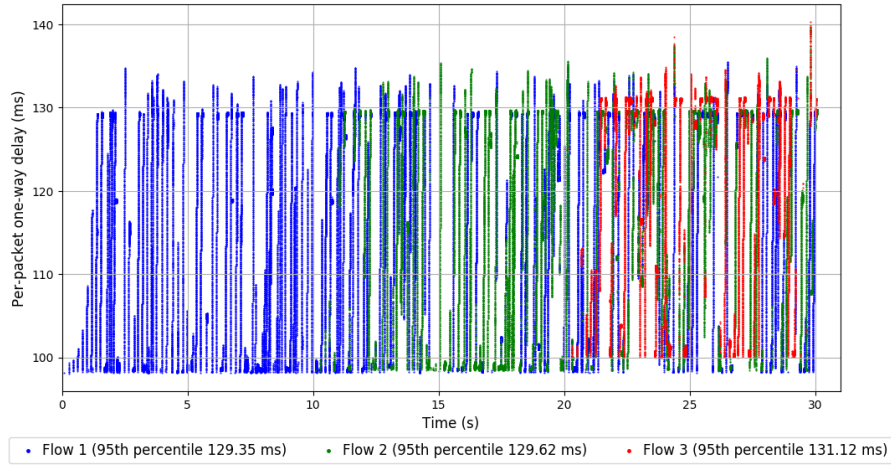
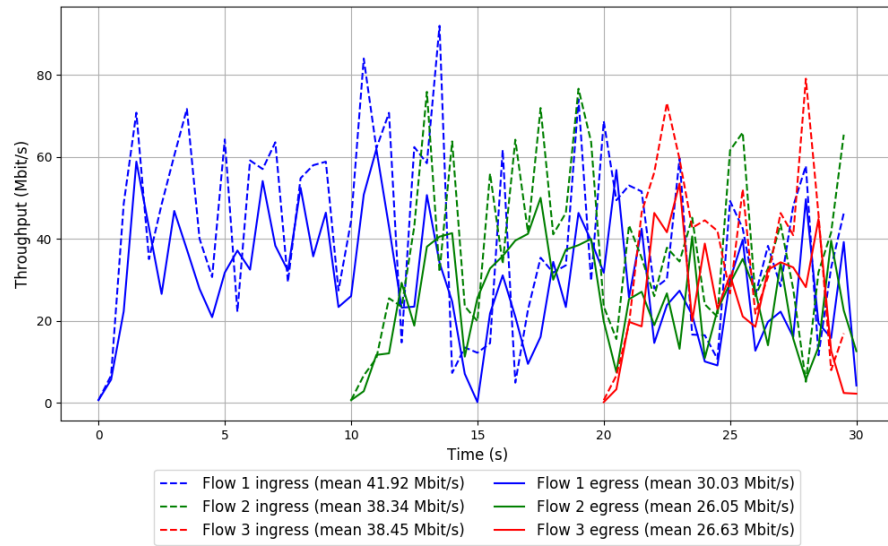


Run 2: Statistics of TCP BBR

Start at: 2018-01-26 14:40:24
End at: 2018-01-26 14:40:54
Local clock offset: 0.104 ms
Remote clock offset: -4.639 ms

Below is generated by plot.py at 2018-01-26 18:01:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.10 Mbit/s
95th percentile per-packet one-way delay: 130.953 ms
Loss rate: 29.84%
-- Flow 1:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 129.352 ms
Loss rate: 28.30%
-- Flow 2:
Average throughput: 26.05 Mbit/s
95th percentile per-packet one-way delay: 129.618 ms
Loss rate: 31.94%
-- Flow 3:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 131.124 ms
Loss rate: 30.69%

Run 2: Report of TCP BBR — Data Link

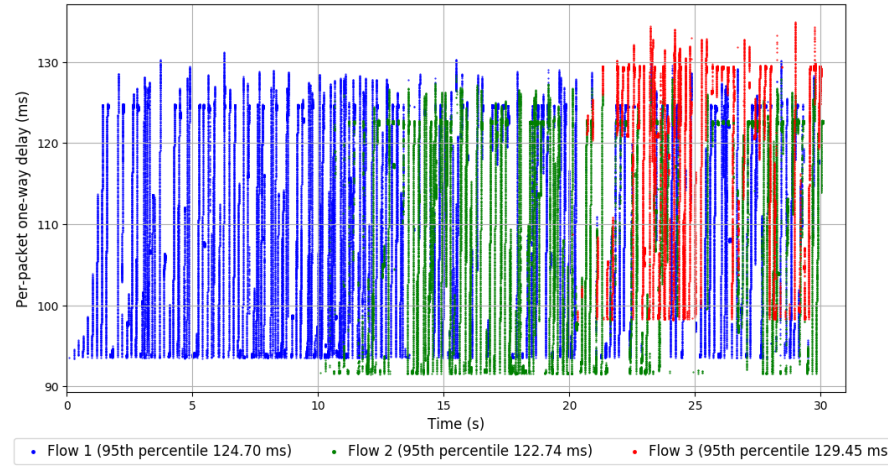
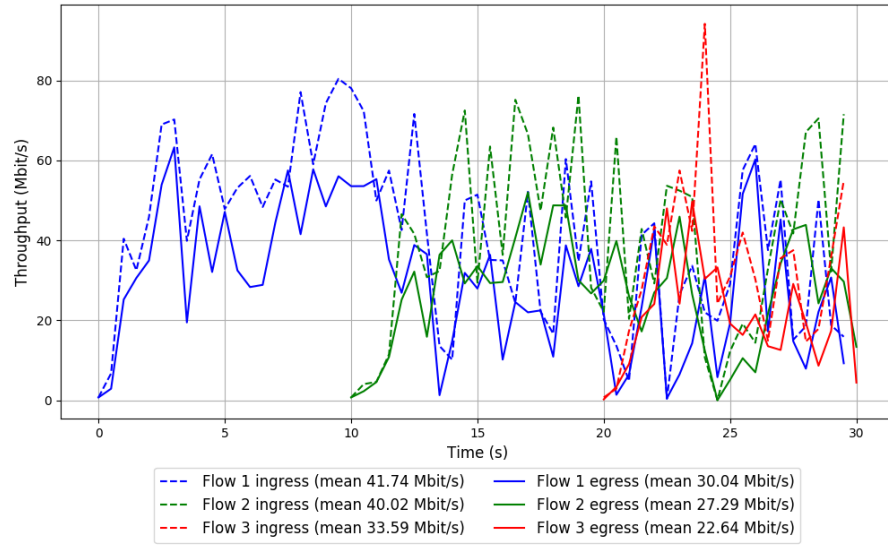


Run 3: Statistics of TCP BBR

Start at: 2018-01-26 15:01:35
End at: 2018-01-26 15:02:05
Local clock offset: -0.054 ms
Remote clock offset: -10.513 ms

Below is generated by plot.py at 2018-01-26 18:01:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.53 Mbit/s
95th percentile per-packet one-way delay: 127.659 ms
Loss rate: 29.86%
-- Flow 1:
Average throughput: 30.04 Mbit/s
95th percentile per-packet one-way delay: 124.704 ms
Loss rate: 27.98%
-- Flow 2:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 122.740 ms
Loss rate: 31.71%
-- Flow 3:
Average throughput: 22.64 Mbit/s
95th percentile per-packet one-way delay: 129.450 ms
Loss rate: 32.47%

Run 3: Report of TCP BBR — Data Link

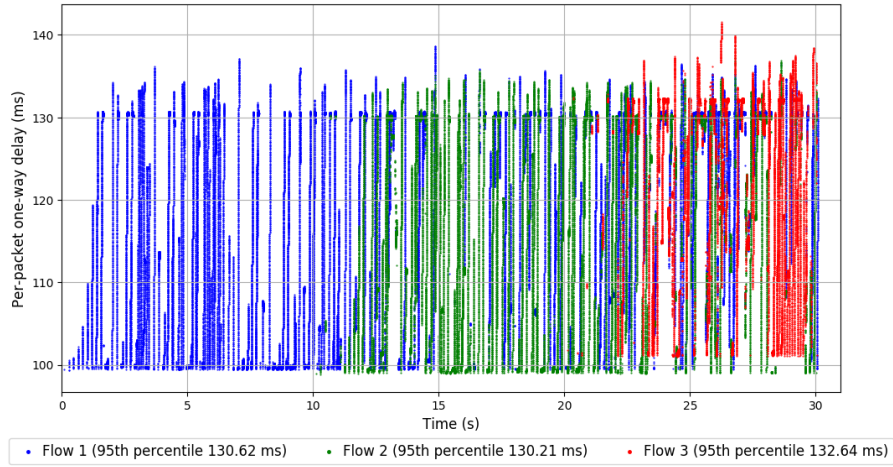
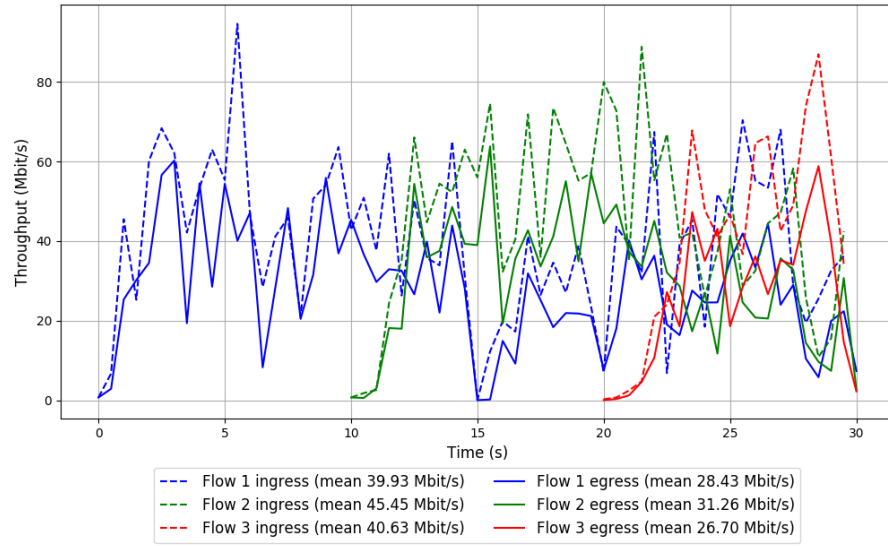


Run 4: Statistics of TCP BBR

Start at: 2018-01-26 15:22:47
End at: 2018-01-26 15:23:17
Local clock offset: -0.364 ms
Remote clock offset: -4.594 ms

Below is generated by plot.py at 2018-01-26 18:01:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 132.018 ms
Loss rate: 30.53%
-- Flow 1:
Average throughput: 28.43 Mbit/s
95th percentile per-packet one-way delay: 130.624 ms
Loss rate: 28.74%
-- Flow 2:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 130.208 ms
Loss rate: 31.22%
-- Flow 3:
Average throughput: 26.70 Mbit/s
95th percentile per-packet one-way delay: 132.638 ms
Loss rate: 34.28%

Run 4: Report of TCP BBR — Data Link

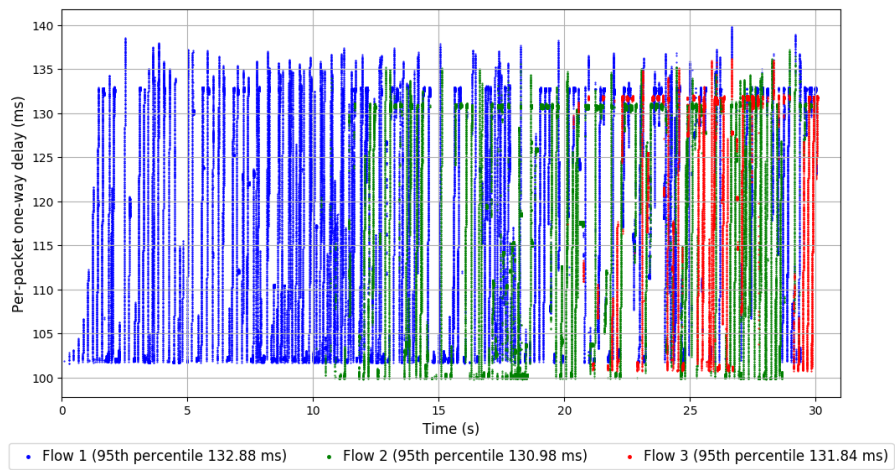
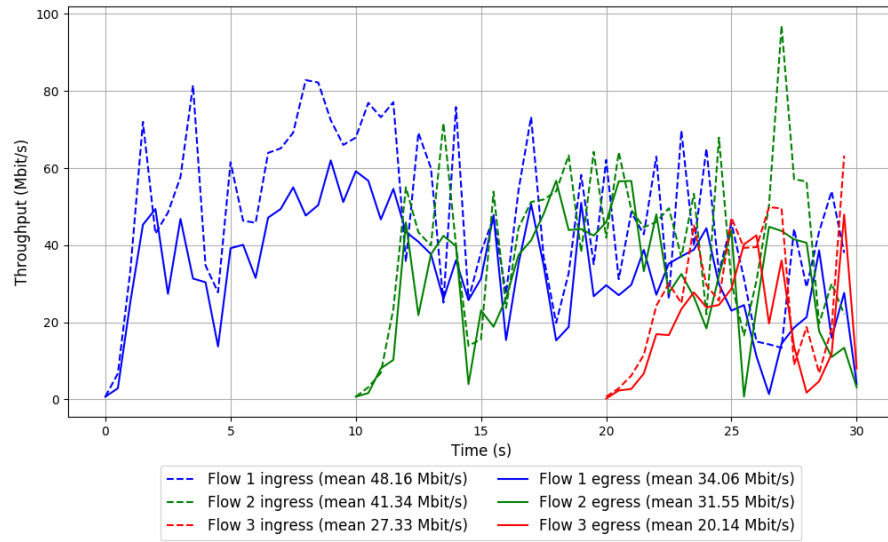


Run 5: Statistics of TCP BBR

Start at: 2018-01-26 15:44:03
End at: 2018-01-26 15:44:33
Local clock offset: -0.506 ms
Remote clock offset: -5.262 ms

Below is generated by plot.py at 2018-01-26 18:01:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.65 Mbit/s
95th percentile per-packet one-way delay: 132.783 ms
Loss rate: 27.08%
-- Flow 1:
Average throughput: 34.06 Mbit/s
95th percentile per-packet one-way delay: 132.881 ms
Loss rate: 29.22%
-- Flow 2:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 130.981 ms
Loss rate: 23.61%
-- Flow 3:
Average throughput: 20.14 Mbit/s
95th percentile per-packet one-way delay: 131.842 ms
Loss rate: 26.22%

Run 5: Report of TCP BBR — Data Link

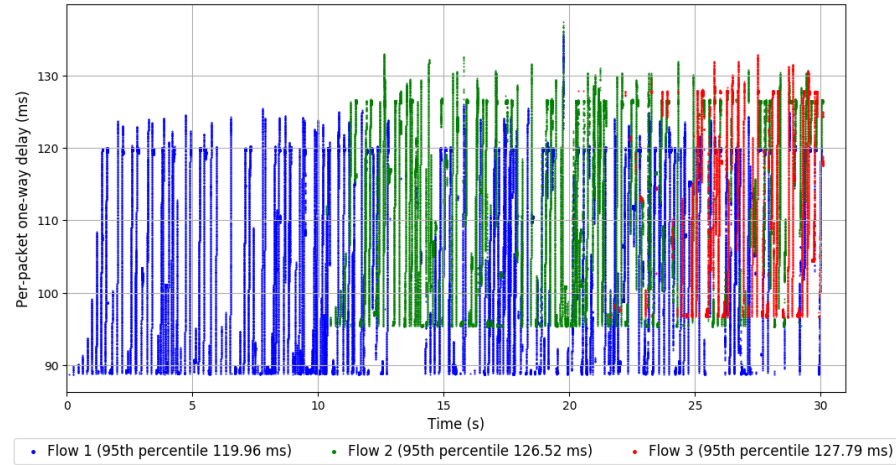
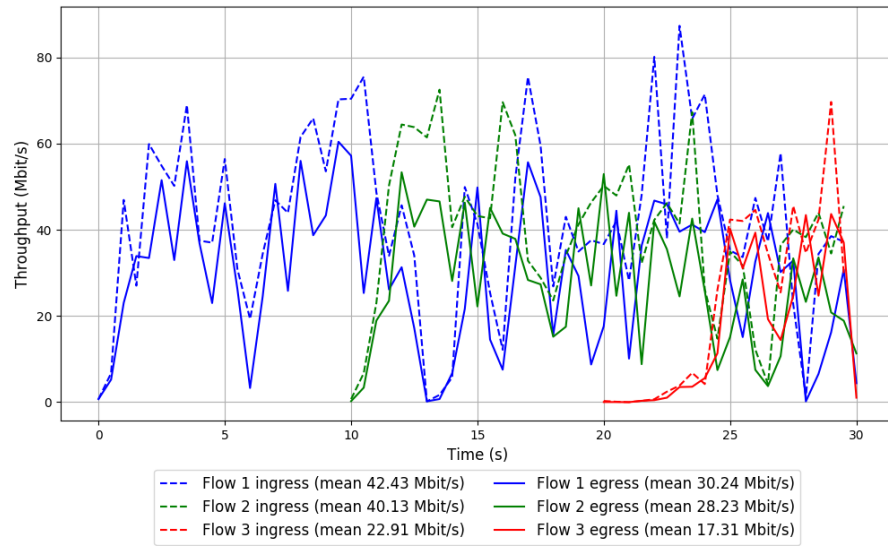


Run 6: Statistics of TCP BBR

Start at: 2018-01-26 16:05:14
End at: 2018-01-26 16:05:44
Local clock offset: -0.601 ms
Remote clock offset: -15.591 ms

Below is generated by plot.py at 2018-01-26 18:01:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.71 Mbit/s
95th percentile per-packet one-way delay: 126.477 ms
Loss rate: 28.55%
-- Flow 1:
Average throughput: 30.24 Mbit/s
95th percentile per-packet one-way delay: 119.961 ms
Loss rate: 28.66%
-- Flow 2:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 126.523 ms
Loss rate: 29.56%
-- Flow 3:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 127.787 ms
Loss rate: 24.38%

Run 6: Report of TCP BBR — Data Link

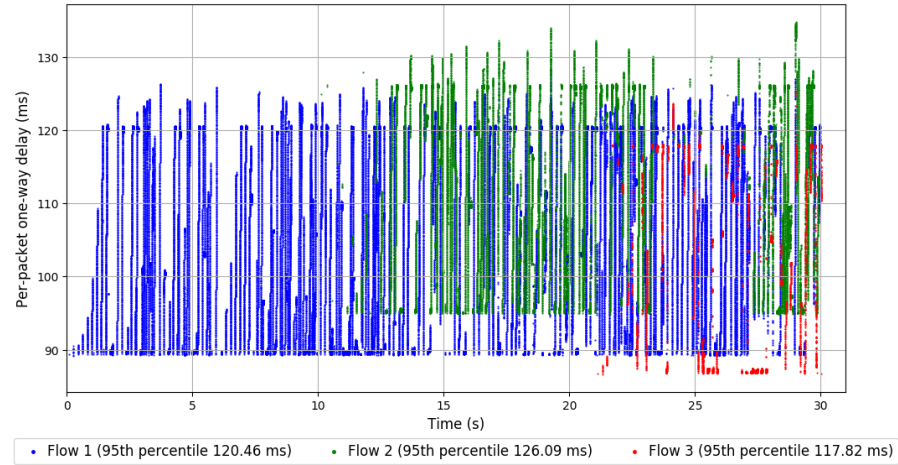
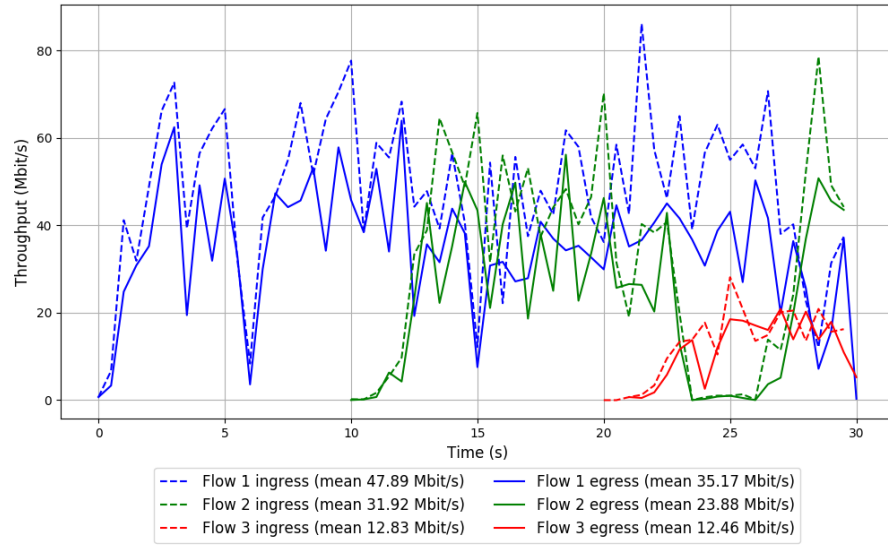


Run 7: Statistics of TCP BBR

Start at: 2018-01-26 16:26:14
End at: 2018-01-26 16:26:44
Local clock offset: -0.617 ms
Remote clock offset: -15.819 ms

Below is generated by plot.py at 2018-01-26 18:01:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 125.752 ms
Loss rate: 25.32%
-- Flow 1:
Average throughput: 35.17 Mbit/s
95th percentile per-packet one-way delay: 120.463 ms
Loss rate: 26.47%
-- Flow 2:
Average throughput: 23.88 Mbit/s
95th percentile per-packet one-way delay: 126.091 ms
Loss rate: 25.22%
-- Flow 3:
Average throughput: 12.46 Mbit/s
95th percentile per-packet one-way delay: 117.823 ms
Loss rate: 12.97%

Run 7: Report of TCP BBR — Data Link

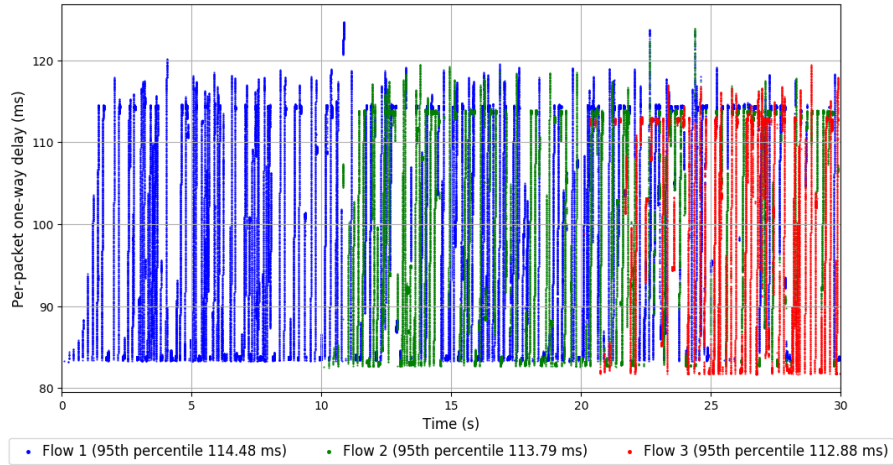
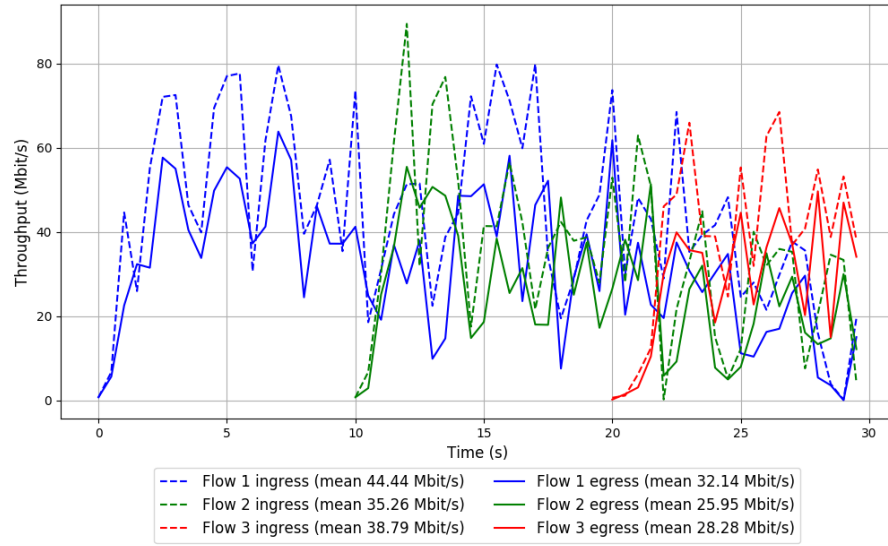


Run 8: Statistics of TCP BBR

Start at: 2018-01-26 16:47:17
End at: 2018-01-26 16:47:47
Local clock offset: -0.491 ms
Remote clock offset: -19.371 ms

Below is generated by plot.py at 2018-01-26 18:01:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.62 Mbit/s
95th percentile per-packet one-way delay: 114.413 ms
Loss rate: 27.22%
-- Flow 1:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 114.482 ms
Loss rate: 27.69%
-- Flow 2:
Average throughput: 25.95 Mbit/s
95th percentile per-packet one-way delay: 113.791 ms
Loss rate: 26.32%
-- Flow 3:
Average throughput: 28.28 Mbit/s
95th percentile per-packet one-way delay: 112.884 ms
Loss rate: 27.22%

Run 8: Report of TCP BBR — Data Link

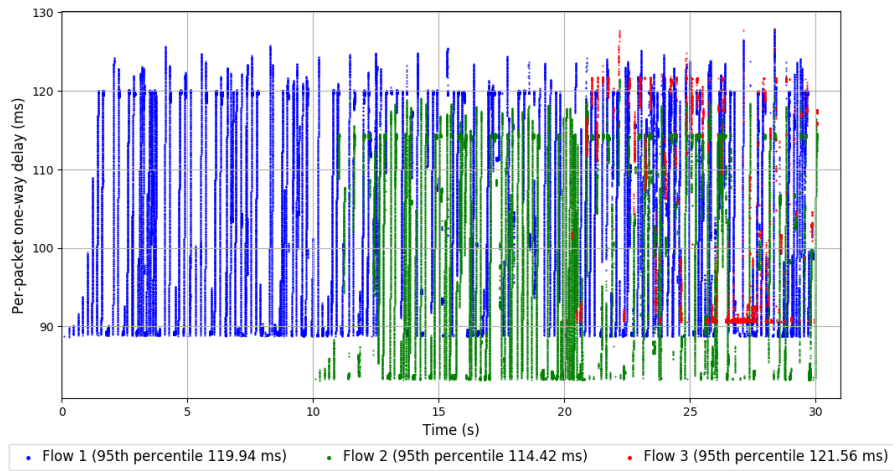
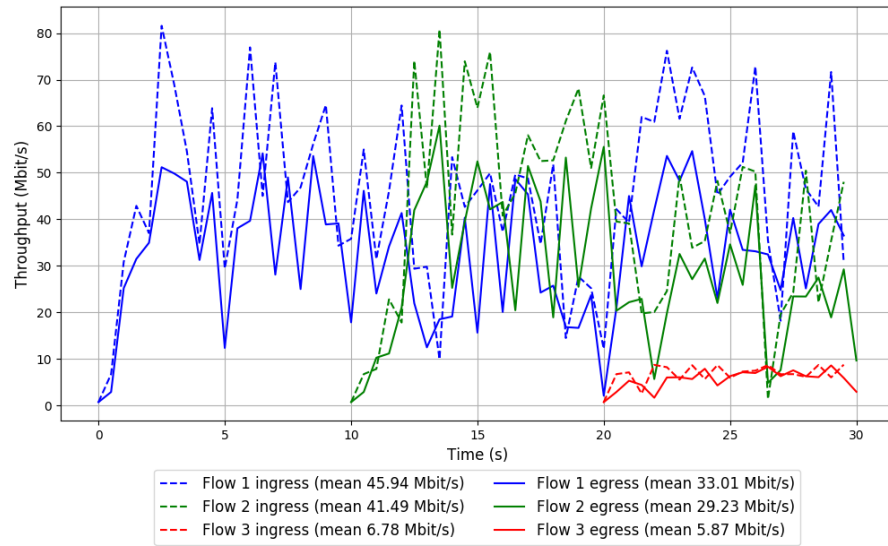


Run 9: Statistics of TCP BBR

Start at: 2018-01-26 17:08:29
End at: 2018-01-26 17:08:59
Local clock offset: -0.475 ms
Remote clock offset: -16.717 ms

Below is generated by plot.py at 2018-01-26 18:02:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.24 Mbit/s
95th percentile per-packet one-way delay: 119.889 ms
Loss rate: 28.16%
-- Flow 1:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 119.944 ms
Loss rate: 28.11%
-- Flow 2:
Average throughput: 29.23 Mbit/s
95th percentile per-packet one-way delay: 114.415 ms
Loss rate: 29.45%
-- Flow 3:
Average throughput: 5.87 Mbit/s
95th percentile per-packet one-way delay: 121.563 ms
Loss rate: 13.20%

Run 9: Report of TCP BBR — Data Link

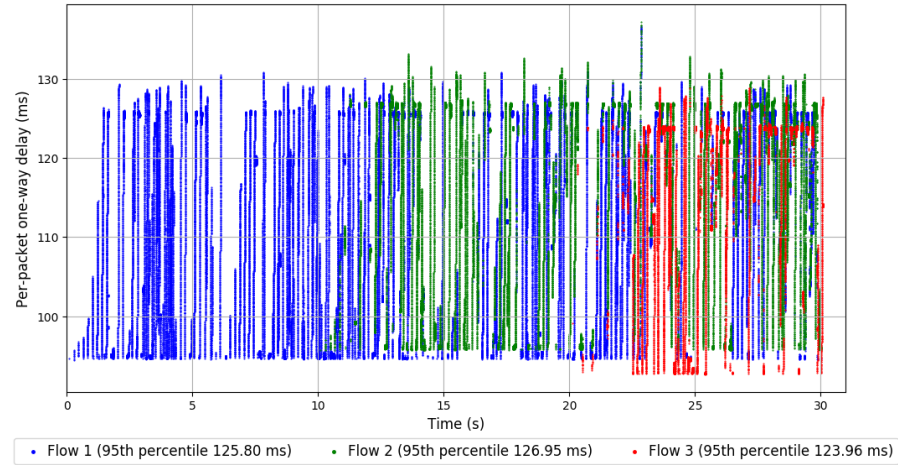
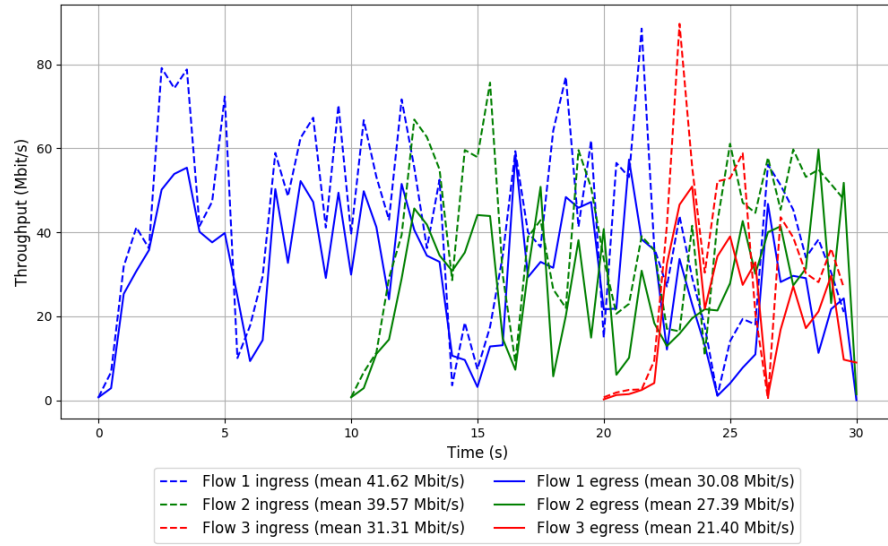


Run 10: Statistics of TCP BBR

Start at: 2018-01-26 17:29:37
End at: 2018-01-26 17:30:07
Local clock offset: -0.503 ms
Remote clock offset: -7.583 ms

Below is generated by plot.py at 2018-01-26 18:02:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 126.812 ms
Loss rate: 29.27%
-- Flow 1:
Average throughput: 30.08 Mbit/s
95th percentile per-packet one-way delay: 125.795 ms
Loss rate: 27.74%
-- Flow 2:
Average throughput: 27.39 Mbit/s
95th percentile per-packet one-way delay: 126.953 ms
Loss rate: 30.80%
-- Flow 3:
Average throughput: 21.40 Mbit/s
95th percentile per-packet one-way delay: 123.958 ms
Loss rate: 31.54%

Run 10: Report of TCP BBR — Data Link

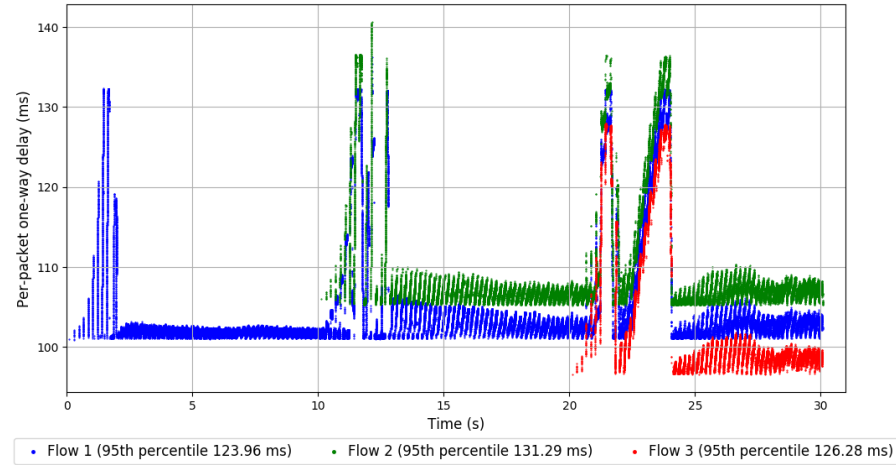
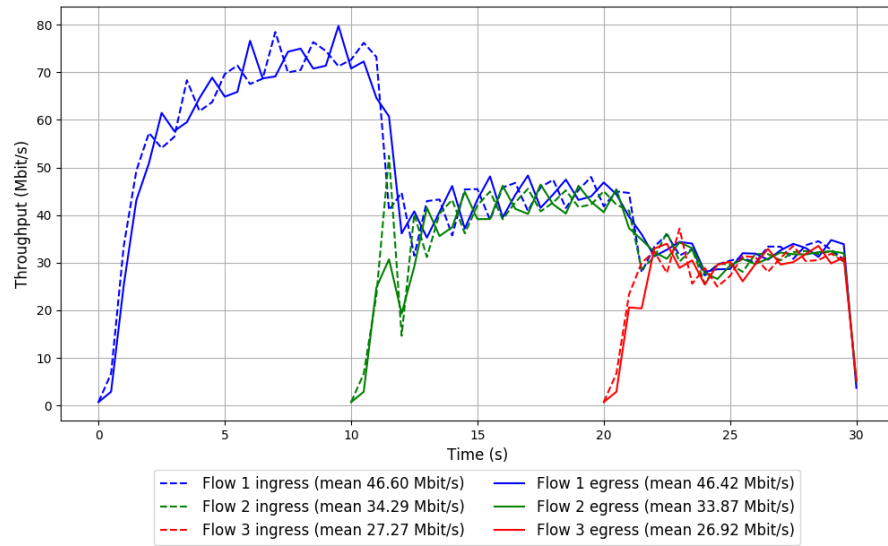


Run 1: Statistics of TCP Cubic

Start at: 2018-01-26 14:16:36
End at: 2018-01-26 14:17:06
Local clock offset: -0.008 ms
Remote clock offset: -5.514 ms

Below is generated by plot.py at 2018-01-26 18:02:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.90 Mbit/s
95th percentile per-packet one-way delay: 126.201 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 46.42 Mbit/s
95th percentile per-packet one-way delay: 123.960 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 33.87 Mbit/s
95th percentile per-packet one-way delay: 131.289 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 126.284 ms
Loss rate: 1.26%

Run 1: Report of TCP Cubic — Data Link

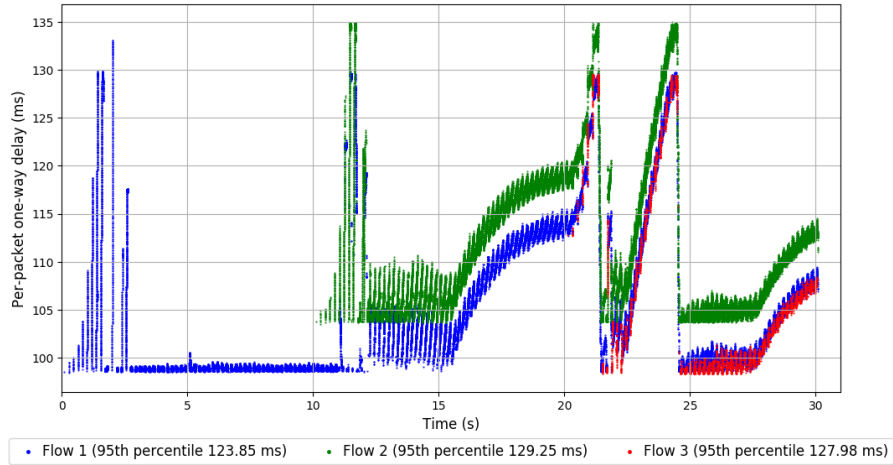
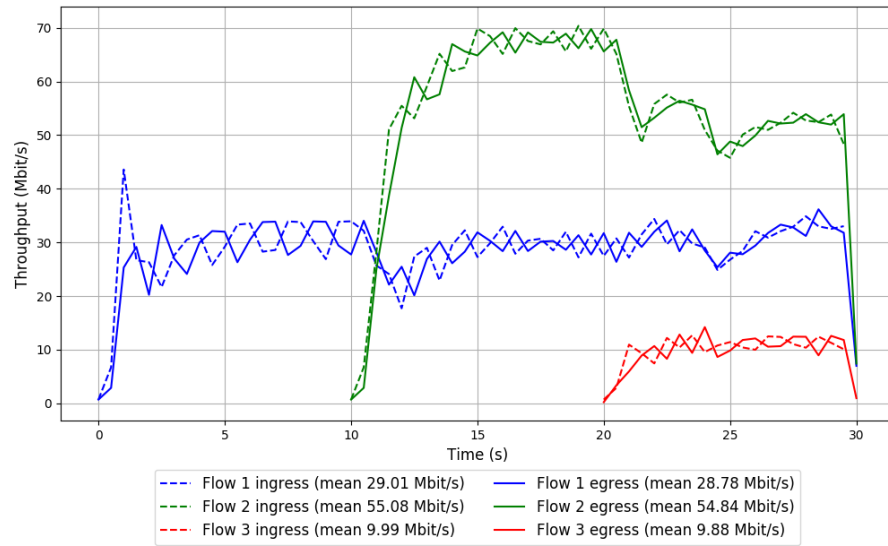


Run 2: Statistics of TCP Cubic

Start at: 2018-01-26 14:37:42
End at: 2018-01-26 14:38:12
Local clock offset: 0.097 ms
Remote clock offset: -6.312 ms

Below is generated by plot.py at 2018-01-26 18:02:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.58 Mbit/s
95th percentile per-packet one-way delay: 127.642 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 28.78 Mbit/s
95th percentile per-packet one-way delay: 123.854 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 54.84 Mbit/s
95th percentile per-packet one-way delay: 129.253 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 9.88 Mbit/s
95th percentile per-packet one-way delay: 127.976 ms
Loss rate: 1.11%

Run 2: Report of TCP Cubic — Data Link

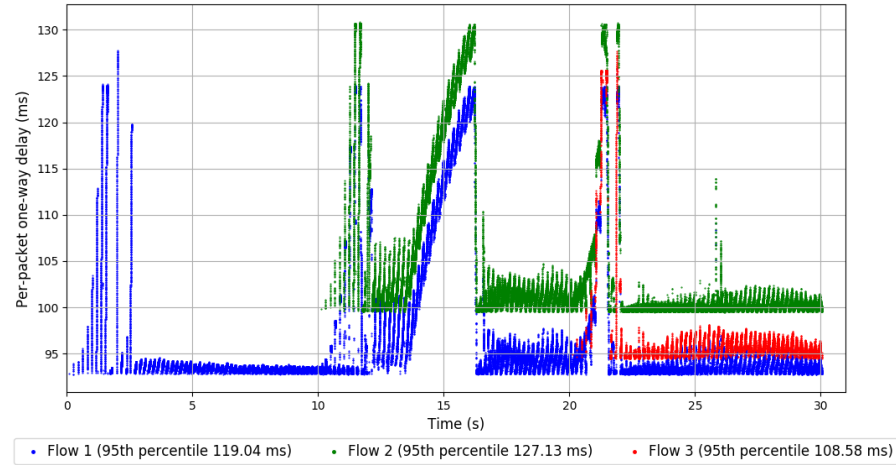
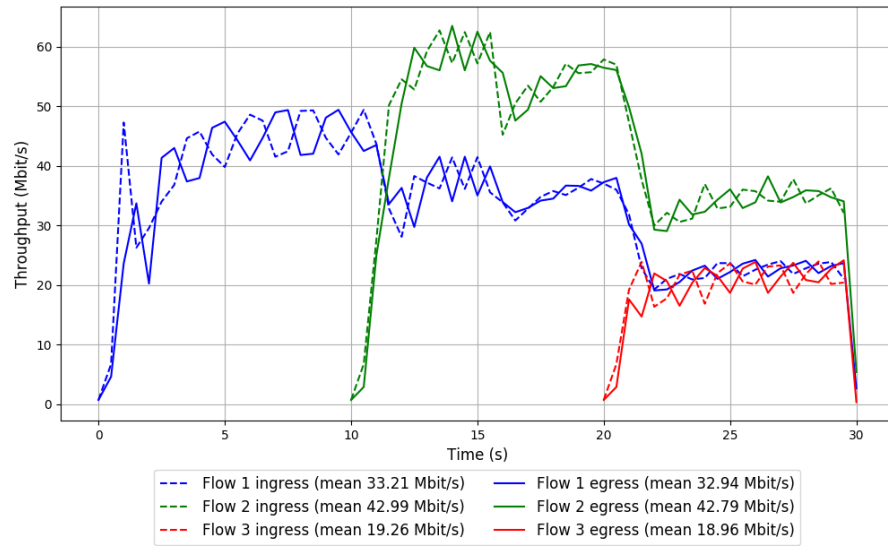


Run 3: Statistics of TCP Cubic

Start at: 2018-01-26 14:58:51
End at: 2018-01-26 14:59:21
Local clock offset: -0.016 ms
Remote clock offset: -10.572 ms

Below is generated by plot.py at 2018-01-26 18:02:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.71 Mbit/s
95th percentile per-packet one-way delay: 122.814 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 119.039 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 127.128 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 18.96 Mbit/s
95th percentile per-packet one-way delay: 108.585 ms
Loss rate: 1.58%

Run 3: Report of TCP Cubic — Data Link

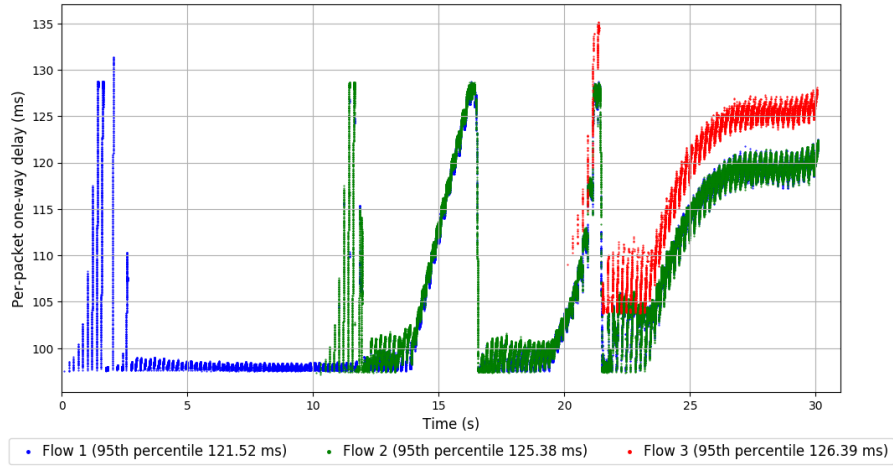
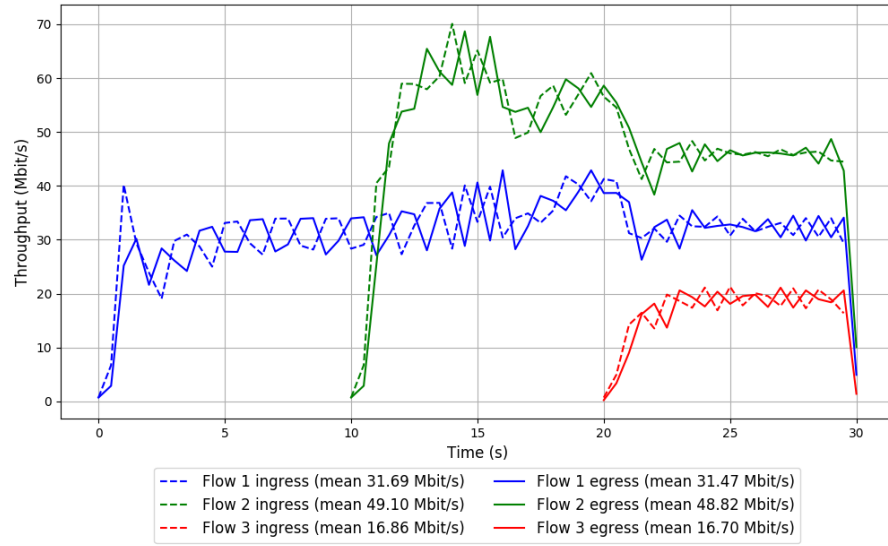


Run 4: Statistics of TCP Cubic

Start at: 2018-01-26 15:20:03
End at: 2018-01-26 15:20:33
Local clock offset: -0.363 ms
Remote clock offset: -6.334 ms

Below is generated by plot.py at 2018-01-26 18:02:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.51 Mbit/s
95th percentile per-packet one-way delay: 125.604 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 121.521 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 125.381 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 126.389 ms
Loss rate: 0.75%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-01-26 15:41:20

End at: 2018-01-26 15:41:50

Local clock offset: -0.498 ms

Remote clock offset: -6.88 ms

Below is generated by plot.py at 2018-01-26 18:02:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.93 Mbit/s

95th percentile per-packet one-way delay: 124.199 ms

Loss rate: 0.77%

-- Flow 1:

Average throughput: 39.46 Mbit/s

95th percentile per-packet one-way delay: 122.510 ms

Loss rate: 0.34%

-- Flow 2:

Average throughput: 34.15 Mbit/s

95th percentile per-packet one-way delay: 124.920 ms

Loss rate: 1.06%

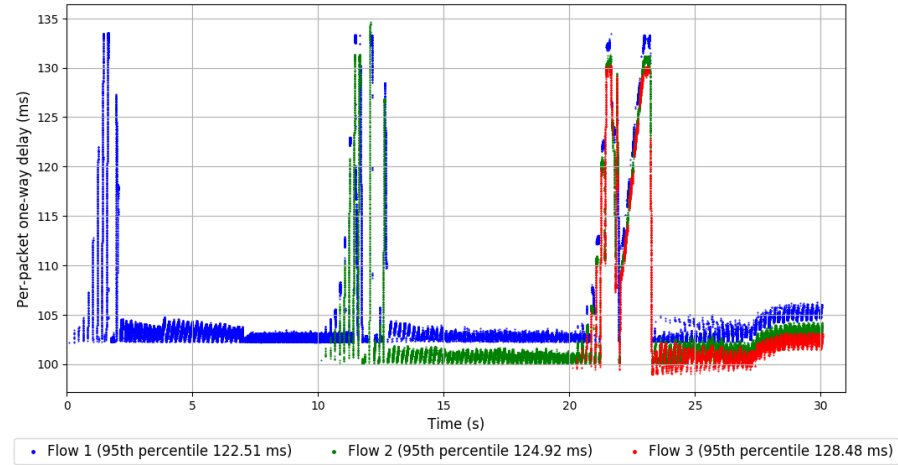
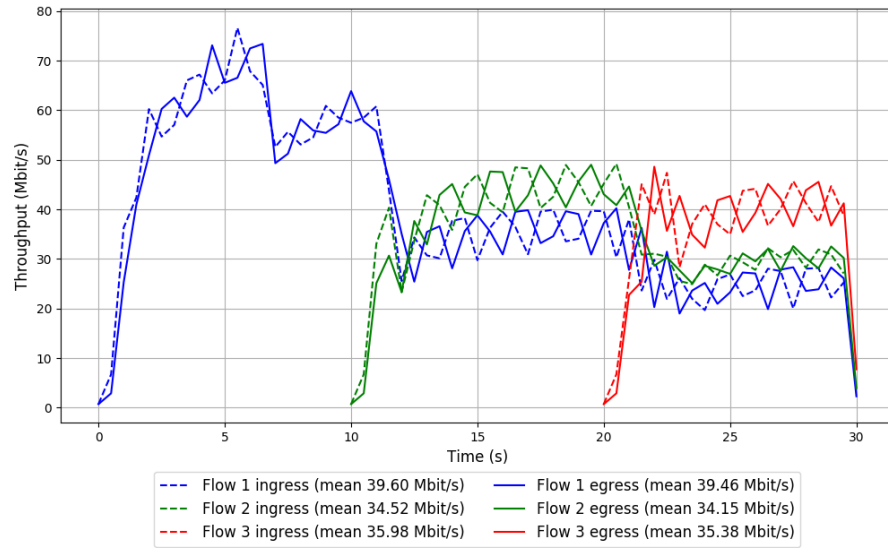
-- Flow 3:

Average throughput: 35.38 Mbit/s

95th percentile per-packet one-way delay: 128.478 ms

Loss rate: 1.63%

Run 5: Report of TCP Cubic — Data Link

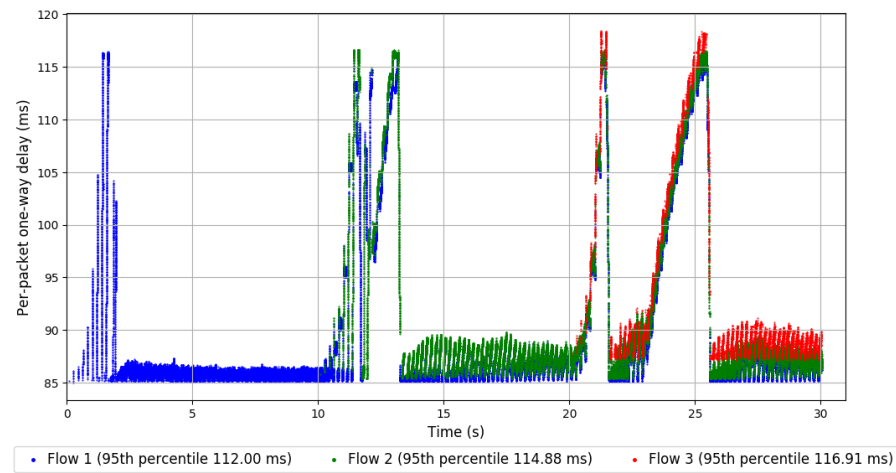
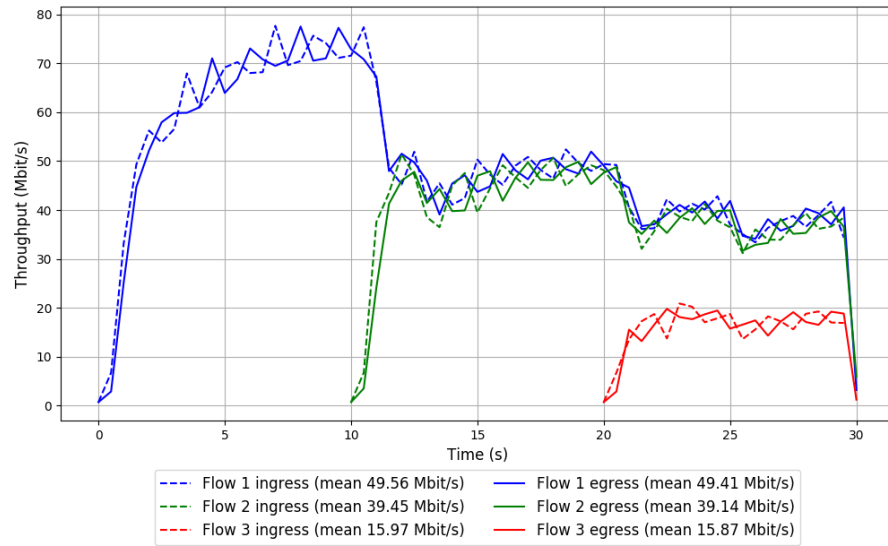


Run 6: Statistics of TCP Cubic

Start at: 2018-01-26 16:02:30
End at: 2018-01-26 16:03:00
Local clock offset: -0.591 ms
Remote clock offset: -22.117 ms

Below is generated by plot.py at 2018-01-26 18:03:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.76 Mbit/s
95th percentile per-packet one-way delay: 113.272 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 111.995 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 114.880 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 15.87 Mbit/s
95th percentile per-packet one-way delay: 116.905 ms
Loss rate: 0.59%

Run 6: Report of TCP Cubic — Data Link

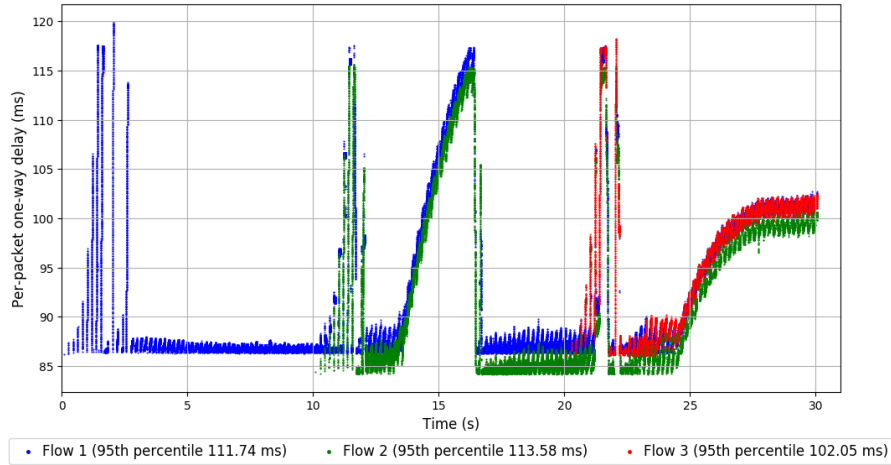
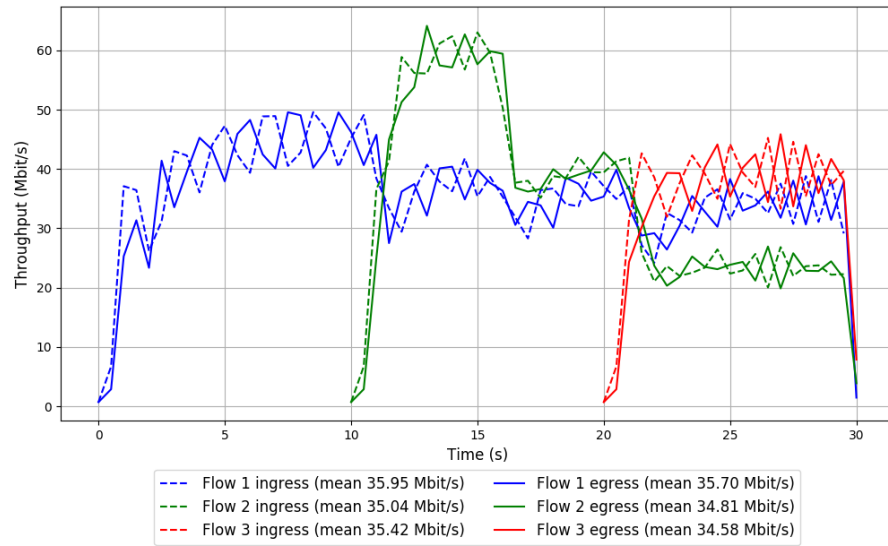


Run 7: Statistics of TCP Cubic

Start at: 2018-01-26 16:23:32
End at: 2018-01-26 16:24:02
Local clock offset: -0.616 ms
Remote clock offset: -19.959 ms

Below is generated by plot.py at 2018-01-26 18:03:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.39 Mbit/s
95th percentile per-packet one-way delay: 112.345 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 35.70 Mbit/s
95th percentile per-packet one-way delay: 111.742 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 113.575 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 34.58 Mbit/s
95th percentile per-packet one-way delay: 102.050 ms
Loss rate: 2.21%

Run 7: Report of TCP Cubic — Data Link

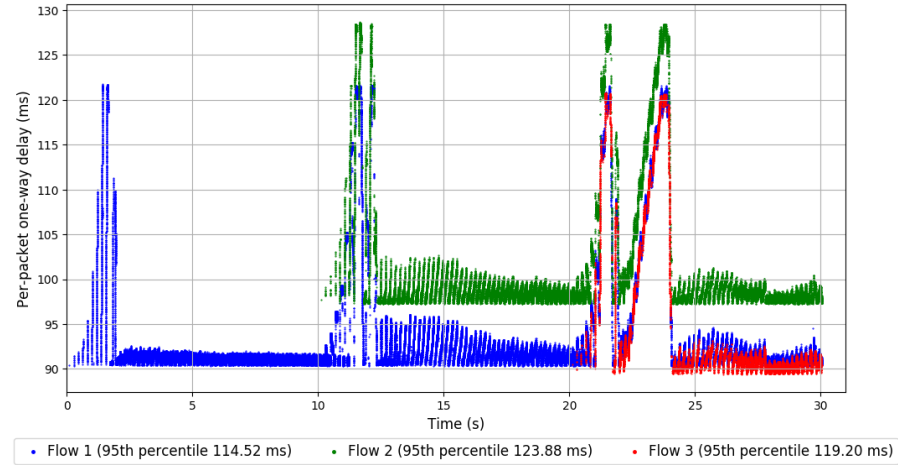
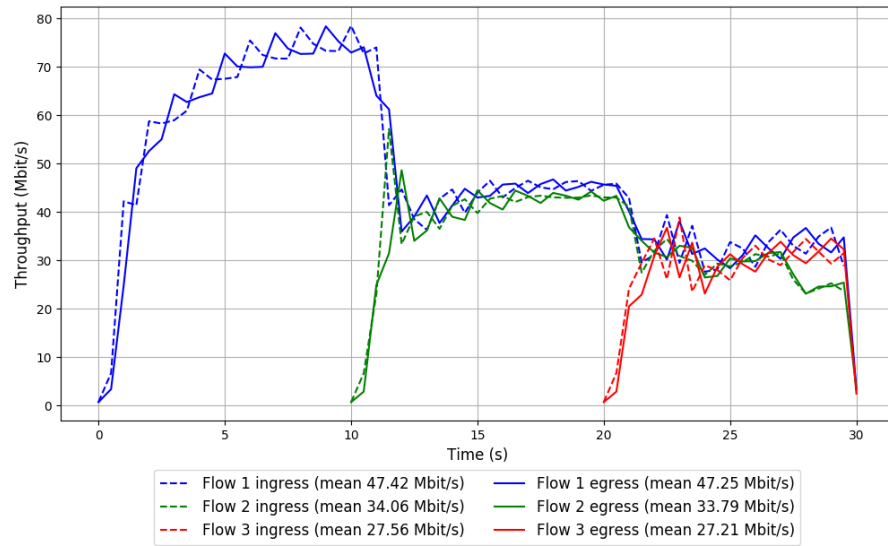


Run 8: Statistics of TCP Cubic

Start at: 2018-01-26 16:44:35
End at: 2018-01-26 16:45:05
Local clock offset: -0.473 ms
Remote clock offset: -12.798 ms

Below is generated by plot.py at 2018-01-26 18:04:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.76 Mbit/s
95th percentile per-packet one-way delay: 118.729 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 114.520 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 33.79 Mbit/s
95th percentile per-packet one-way delay: 123.883 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 27.21 Mbit/s
95th percentile per-packet one-way delay: 119.205 ms
Loss rate: 1.26%

Run 8: Report of TCP Cubic — Data Link

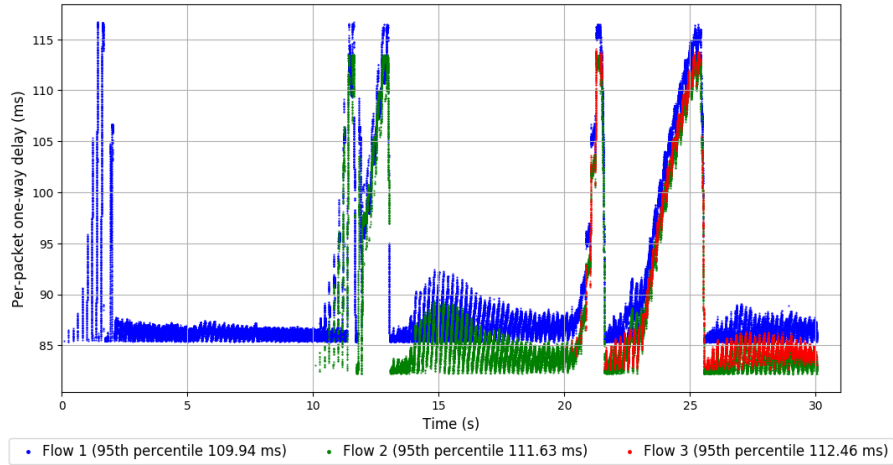
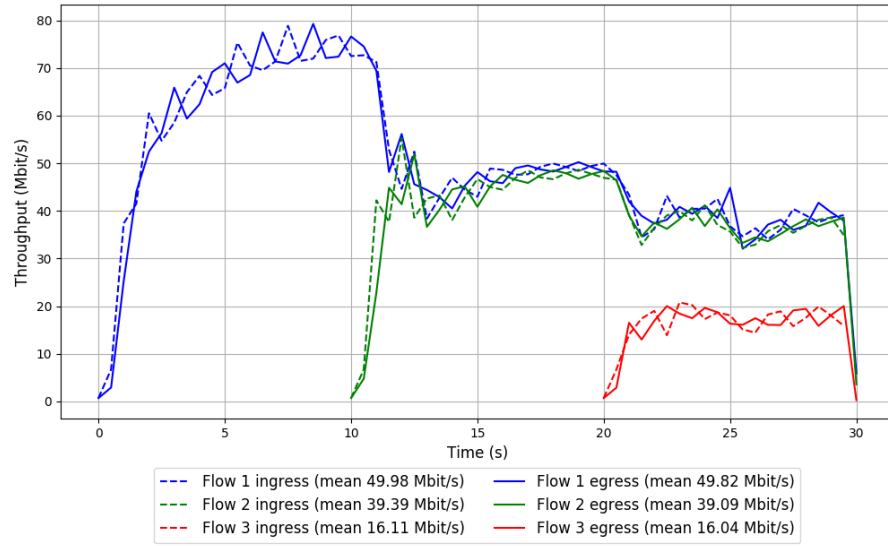


Run 9: Statistics of TCP Cubic

Start at: 2018-01-26 17:05:45
End at: 2018-01-26 17:06:15
Local clock offset: -0.503 ms
Remote clock offset: -17.051 ms

Below is generated by plot.py at 2018-01-26 18:04:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.18 Mbit/s
95th percentile per-packet one-way delay: 110.942 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 49.82 Mbit/s
95th percentile per-packet one-way delay: 109.945 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 39.09 Mbit/s
95th percentile per-packet one-way delay: 111.629 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 16.04 Mbit/s
95th percentile per-packet one-way delay: 112.459 ms
Loss rate: 0.48%

Run 9: Report of TCP Cubic — Data Link

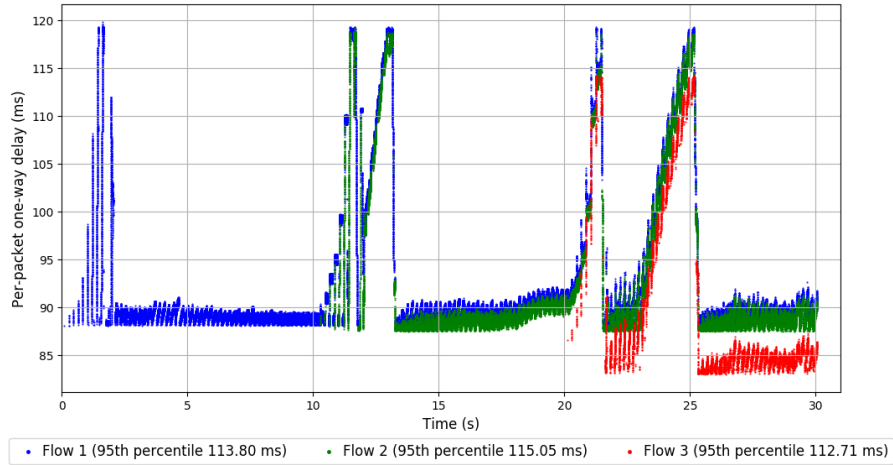
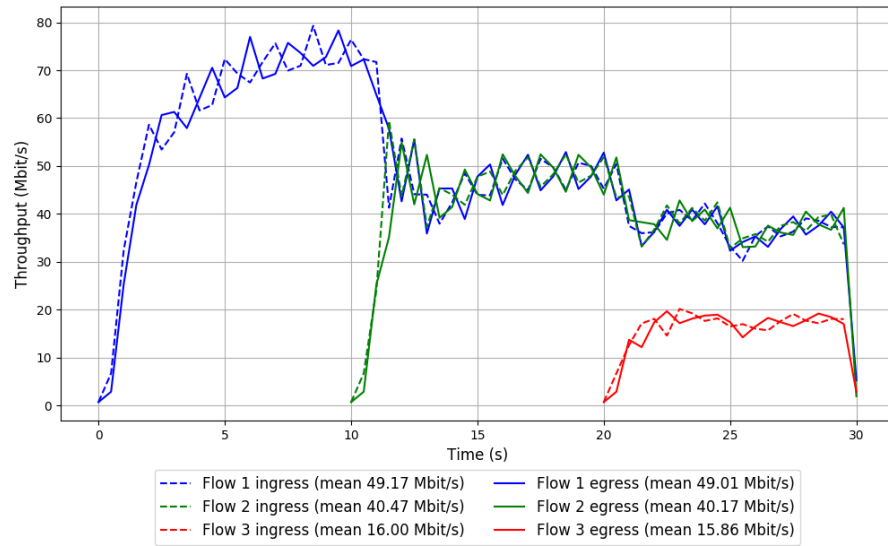


Run 10: Statistics of TCP Cubic

Start at: 2018-01-26 17:26:54
End at: 2018-01-26 17:27:24
Local clock offset: -0.551 ms
Remote clock offset: -12.677 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.02 Mbit/s
95th percentile per-packet one-way delay: 114.091 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 49.01 Mbit/s
95th percentile per-packet one-way delay: 113.799 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 40.17 Mbit/s
95th percentile per-packet one-way delay: 115.052 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 112.709 ms
Loss rate: 0.86%

Run 10: Report of TCP Cubic — Data Link

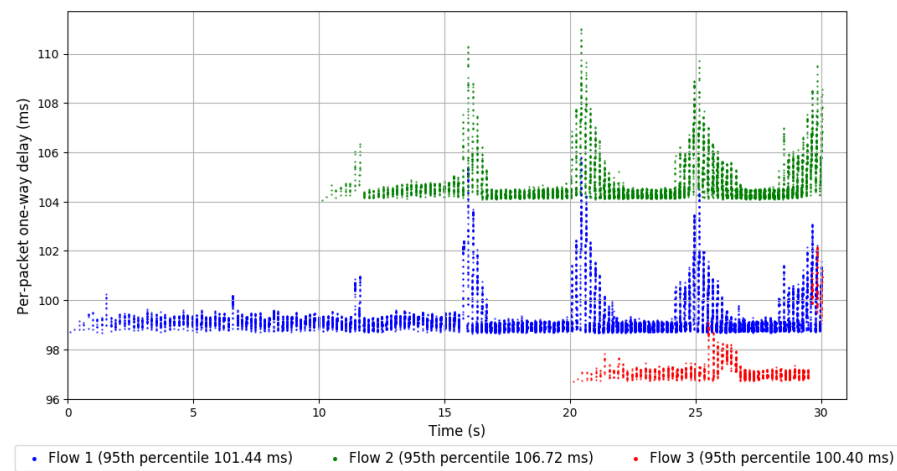
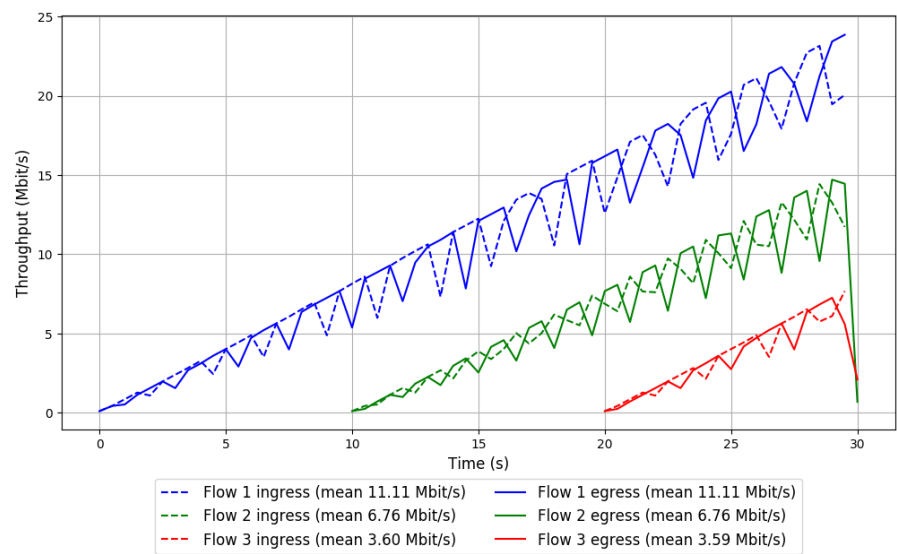


Run 1: Statistics of LEDBAT

Start at: 2018-01-26 14:14:04
End at: 2018-01-26 14:14:34
Local clock offset: -0.092 ms
Remote clock offset: -5.373 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.79 Mbit/s
95th percentile per-packet one-way delay: 105.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 101.441 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 106.716 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 100.396 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

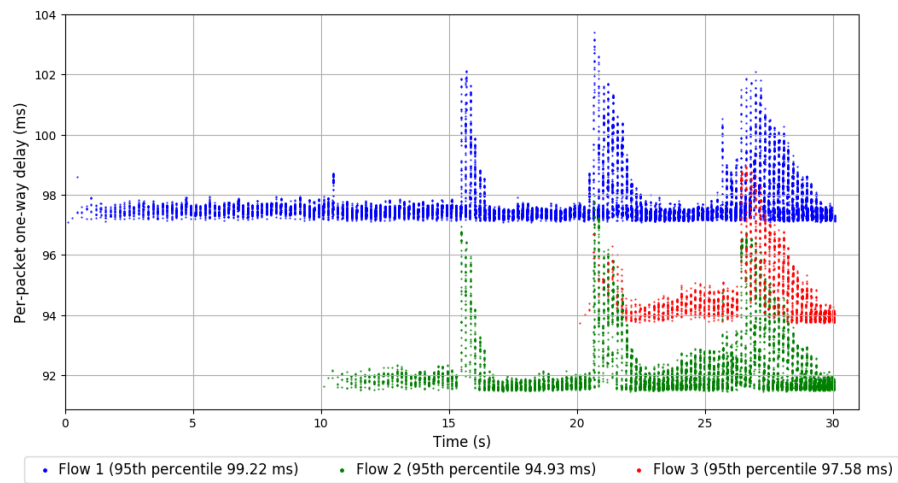
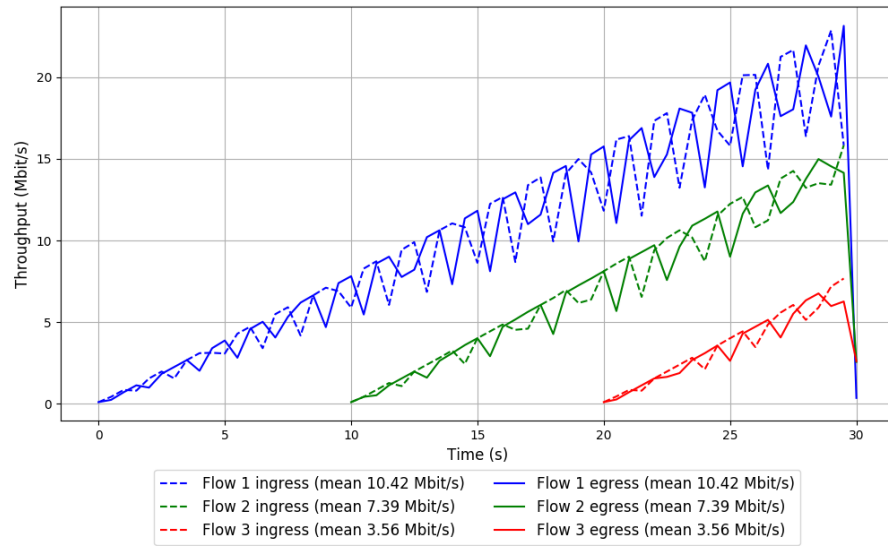


Run 2: Statistics of LEDBAT

Start at: 2018-01-26 14:35:10
End at: 2018-01-26 14:35:40
Local clock offset: 0.061 ms
Remote clock offset: -11.102 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.52 Mbit/s
95th percentile per-packet one-way delay: 98.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.42 Mbit/s
95th percentile per-packet one-way delay: 99.217 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.39 Mbit/s
95th percentile per-packet one-way delay: 94.932 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.56 Mbit/s
95th percentile per-packet one-way delay: 97.576 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

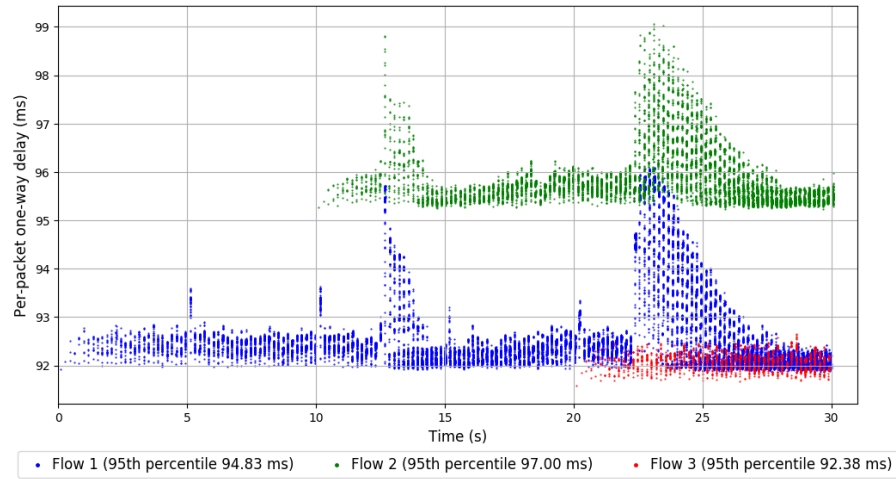
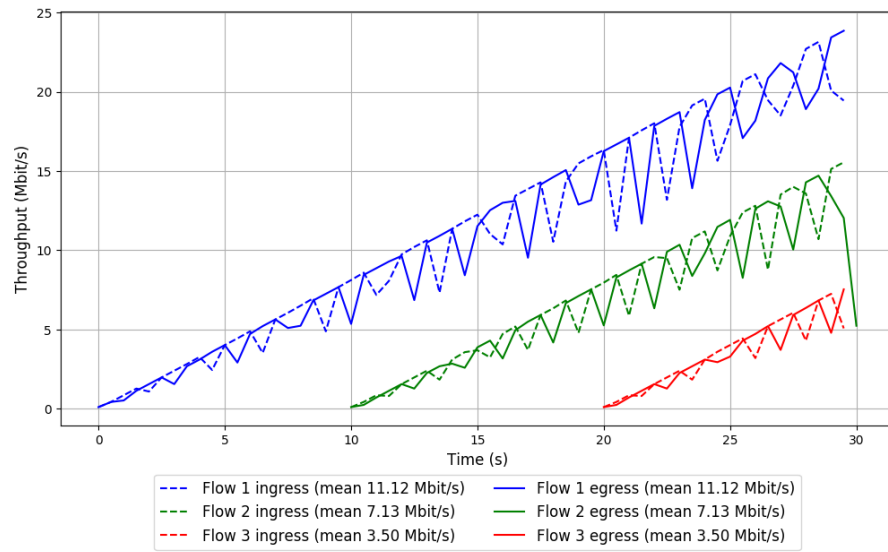


Run 3: Statistics of LEDBAT

Start at: 2018-01-26 14:56:18
End at: 2018-01-26 14:56:48
Local clock offset: 0.066 ms
Remote clock offset: -11.703 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.98 Mbit/s
95th percentile per-packet one-way delay: 96.060 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.12 Mbit/s
95th percentile per-packet one-way delay: 94.829 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.13 Mbit/s
95th percentile per-packet one-way delay: 97.005 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 92.382 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

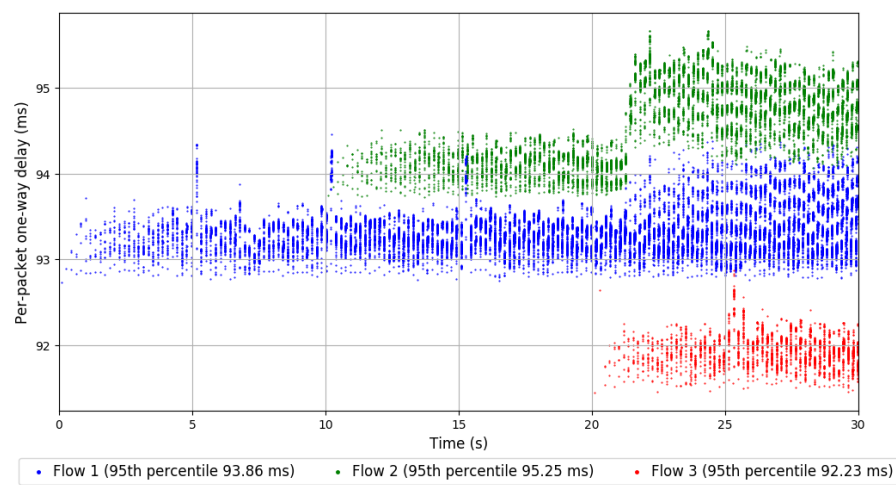
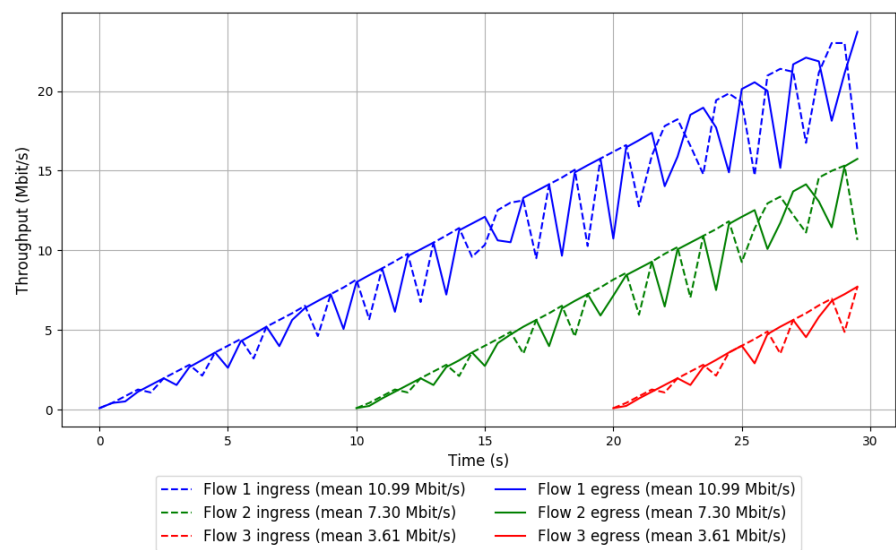


Run 4: Statistics of LEDBAT

Start at: 2018-01-26 15:17:31
End at: 2018-01-26 15:18:01
Local clock offset: -0.267 ms
Remote clock offset: -11.201 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 17.03 Mbit/s
95th percentile per-packet one-way delay: 95.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.99 Mbit/s
95th percentile per-packet one-way delay: 93.859 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 95.254 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 92.229 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

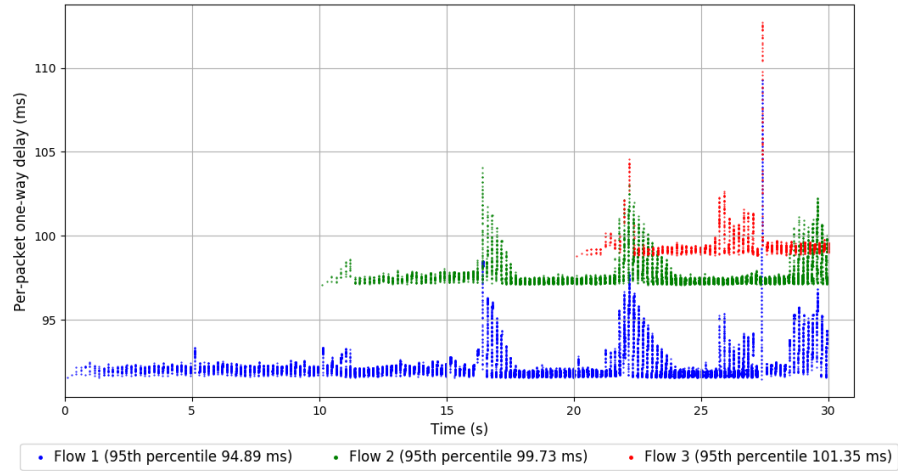
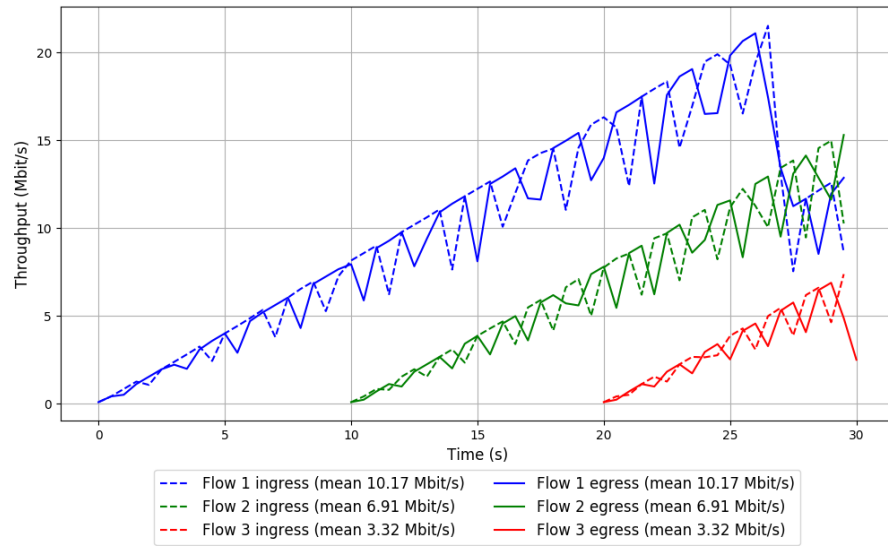


Run 5: Statistics of LEDBAT

Start at: 2018-01-26 15:38:48
End at: 2018-01-26 15:39:18
Local clock offset: -0.462 ms
Remote clock offset: -11.667 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.83 Mbit/s
95th percentile per-packet one-way delay: 99.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.17 Mbit/s
95th percentile per-packet one-way delay: 94.892 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.91 Mbit/s
95th percentile per-packet one-way delay: 99.734 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 101.347 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

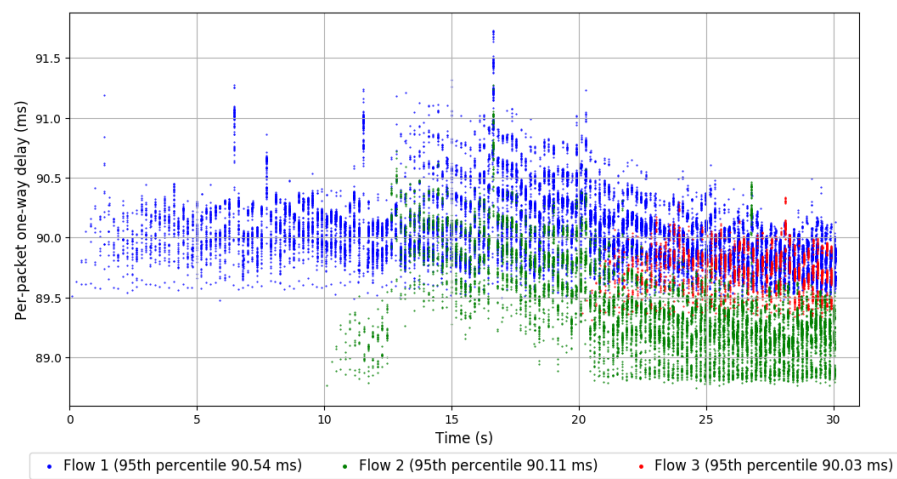
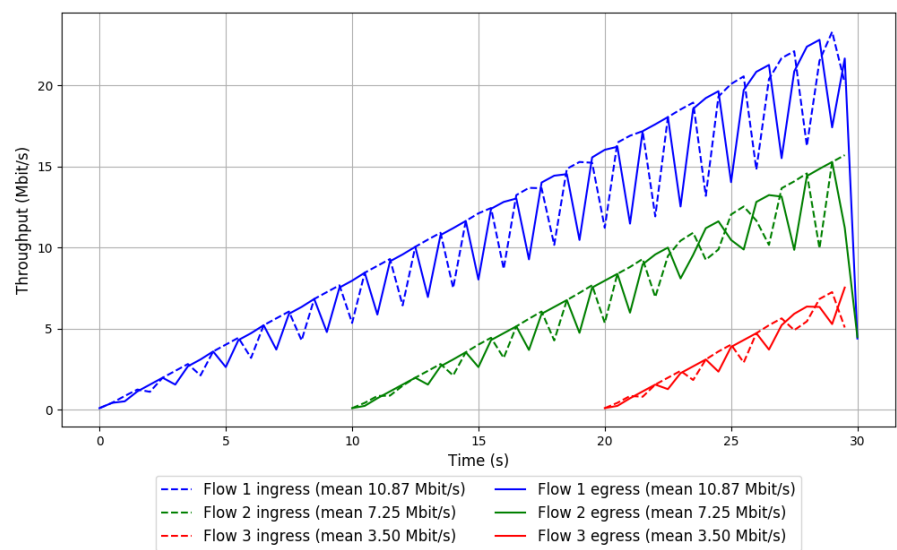


Run 6: Statistics of LEDBAT

Start at: 2018-01-26 15:59:59
End at: 2018-01-26 16:00:29
Local clock offset: -0.588 ms
Remote clock offset: -16.386 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 90.450 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 90.540 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 90.109 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 90.027 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

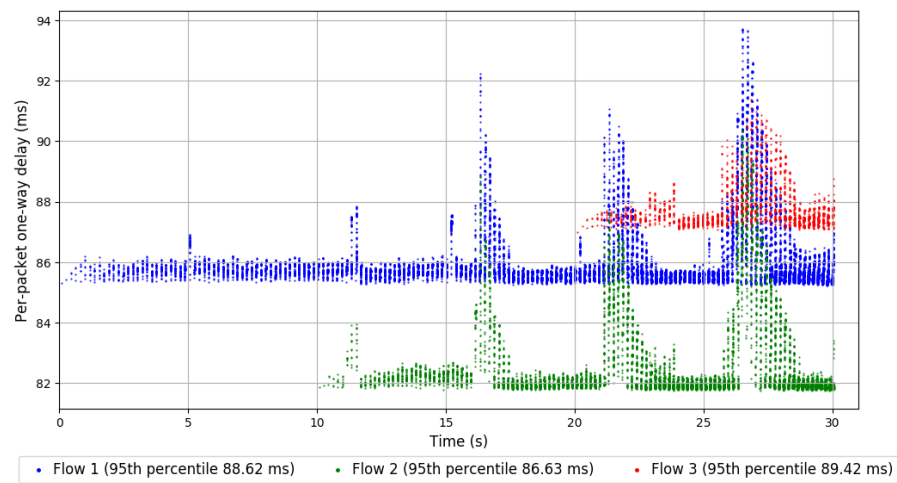
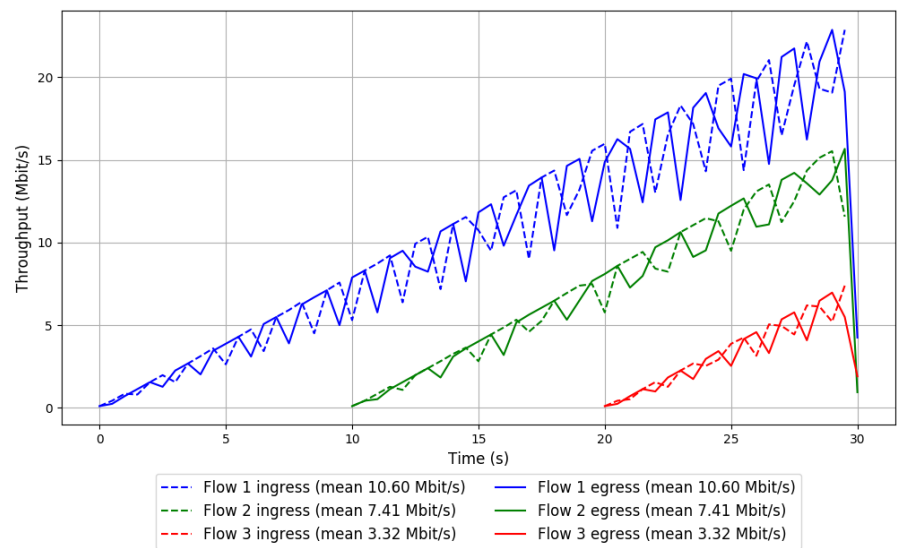


Run 7: Statistics of LEDBAT

Start at: 2018-01-26 16:21:01
End at: 2018-01-26 16:21:31
Local clock offset: -0.662 ms
Remote clock offset: -21.11 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.62 Mbit/s
95th percentile per-packet one-way delay: 88.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.60 Mbit/s
95th percentile per-packet one-way delay: 88.624 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.41 Mbit/s
95th percentile per-packet one-way delay: 86.632 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 89.418 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

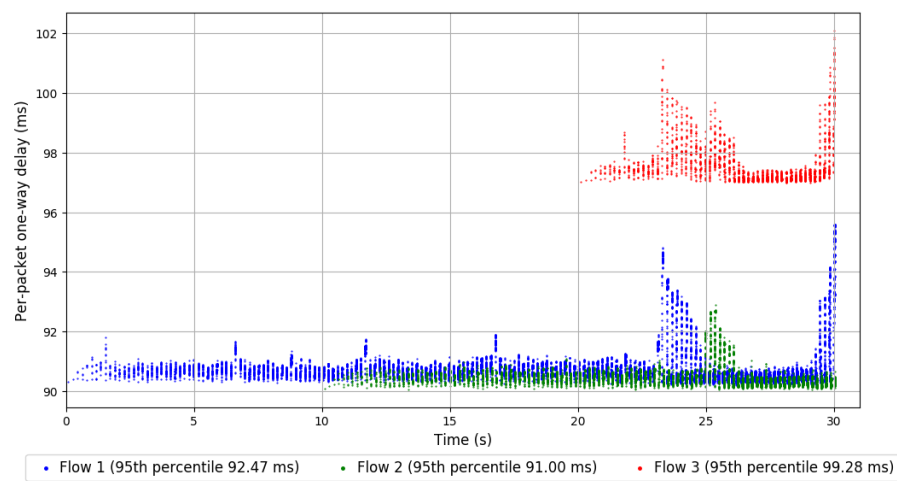
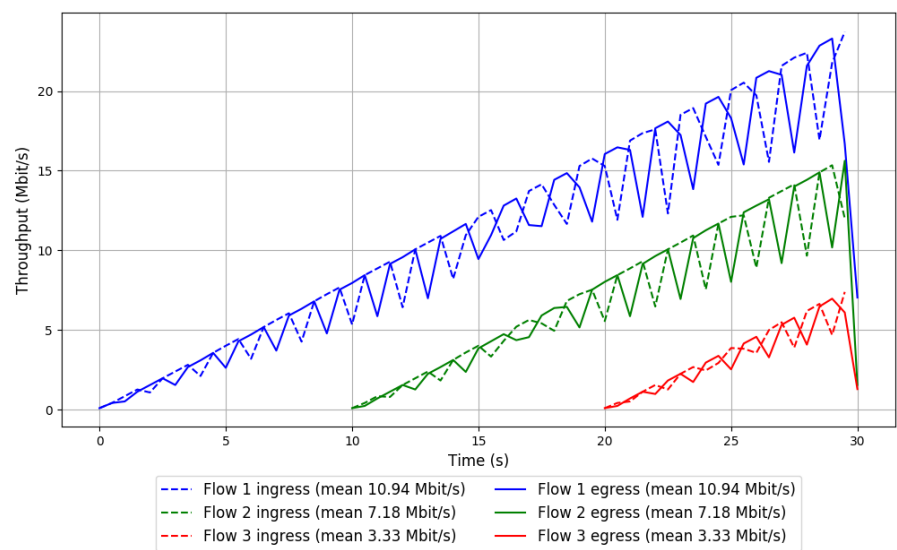


Run 8: Statistics of LEDBAT

Start at: 2018-01-26 16:42:03
End at: 2018-01-26 16:42:33
Local clock offset: -0.495 ms
Remote clock offset: -12.961 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.82 Mbit/s
95th percentile per-packet one-way delay: 97.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 92.466 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 90.999 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 99.282 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

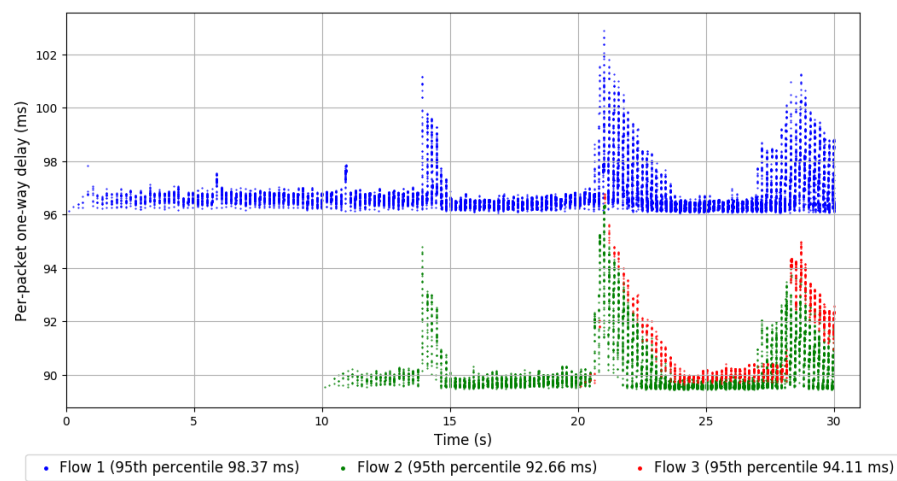
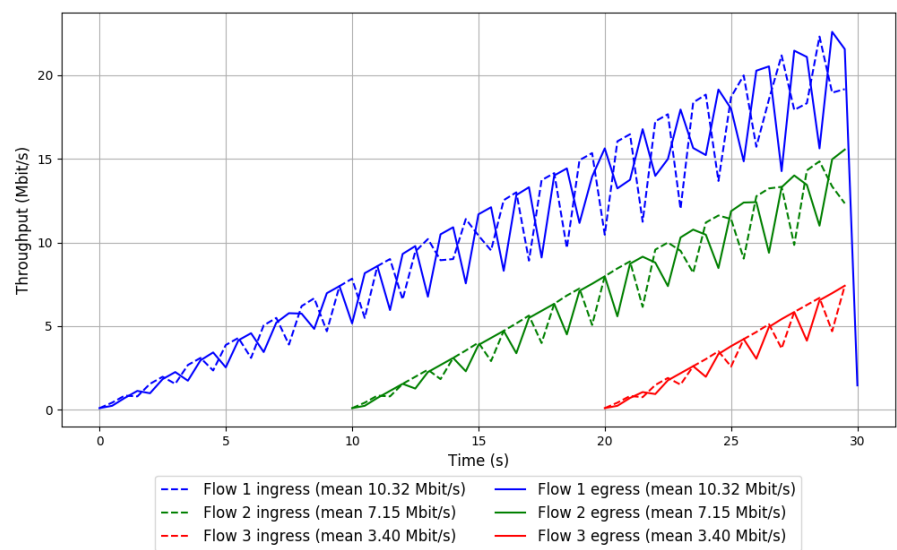


Run 9: Statistics of LEDBAT

Start at: 2018-01-26 17:03:14
End at: 2018-01-26 17:03:44
Local clock offset: -0.514 ms
Remote clock offset: -11.762 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.19 Mbit/s
95th percentile per-packet one-way delay: 97.919 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.32 Mbit/s
95th percentile per-packet one-way delay: 98.368 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.15 Mbit/s
95th percentile per-packet one-way delay: 92.664 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 94.112 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

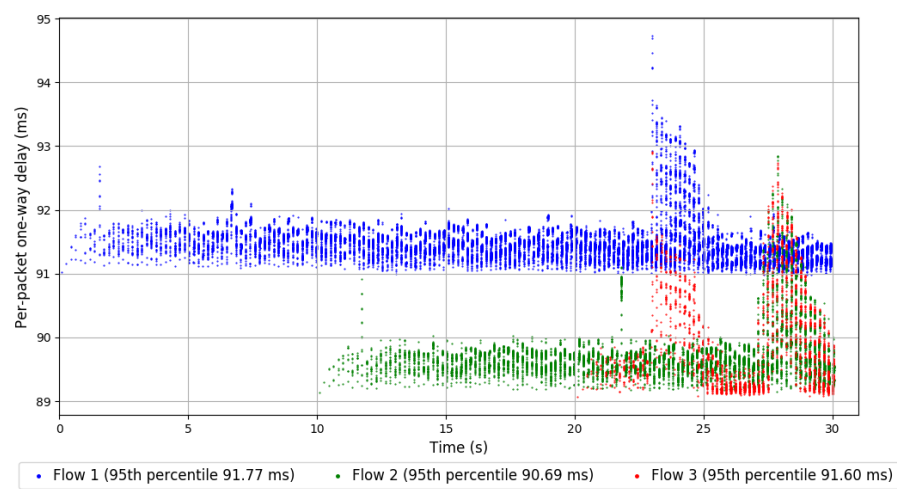
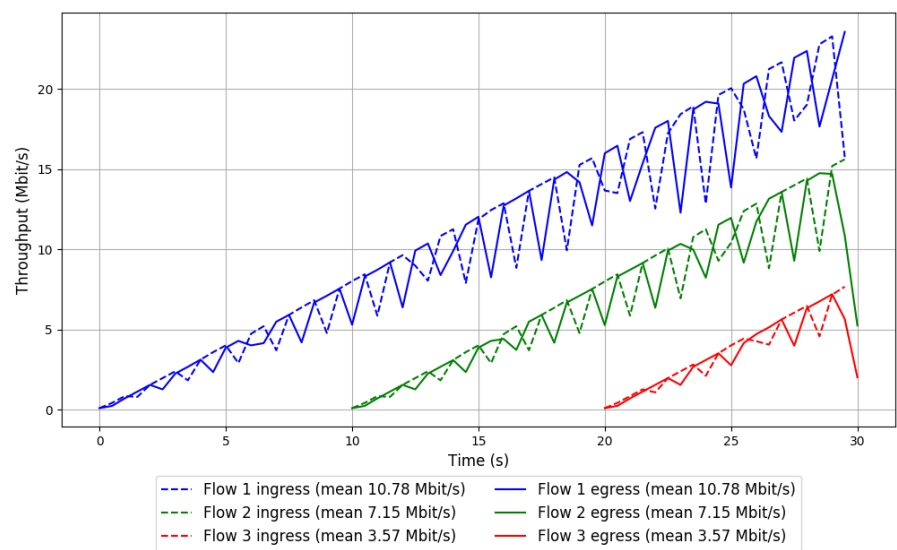


Run 10: Statistics of LEDBAT

Start at: 2018-01-26 17:24:23
End at: 2018-01-26 17:24:53
Local clock offset: -0.462 ms
Remote clock offset: -8.247 ms

Below is generated by plot.py at 2018-01-26 18:04:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.68 Mbit/s
95th percentile per-packet one-way delay: 91.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 91.766 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.15 Mbit/s
95th percentile per-packet one-way delay: 90.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.57 Mbit/s
95th percentile per-packet one-way delay: 91.601 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

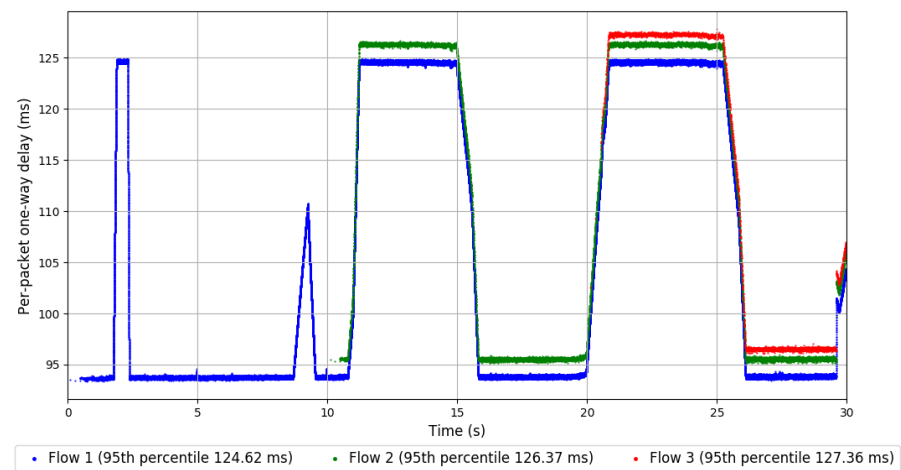
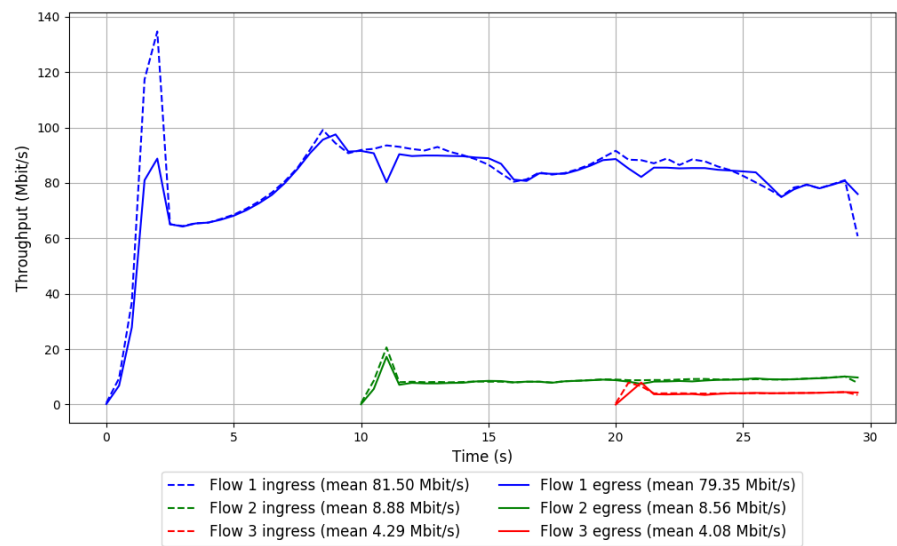


Run 1: Statistics of PCC

Start at: 2018-01-26 14:12:45
End at: 2018-01-26 14:13:15
Local clock offset: -0.037 ms
Remote clock offset: -9.289 ms

Below is generated by plot.py at 2018-01-26 18:04:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 124.678 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 124.617 ms
Loss rate: 2.59%
-- Flow 2:
Average throughput: 8.56 Mbit/s
95th percentile per-packet one-way delay: 126.372 ms
Loss rate: 3.50%
-- Flow 3:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 127.360 ms
Loss rate: 4.67%

Run 1: Report of PCC — Data Link

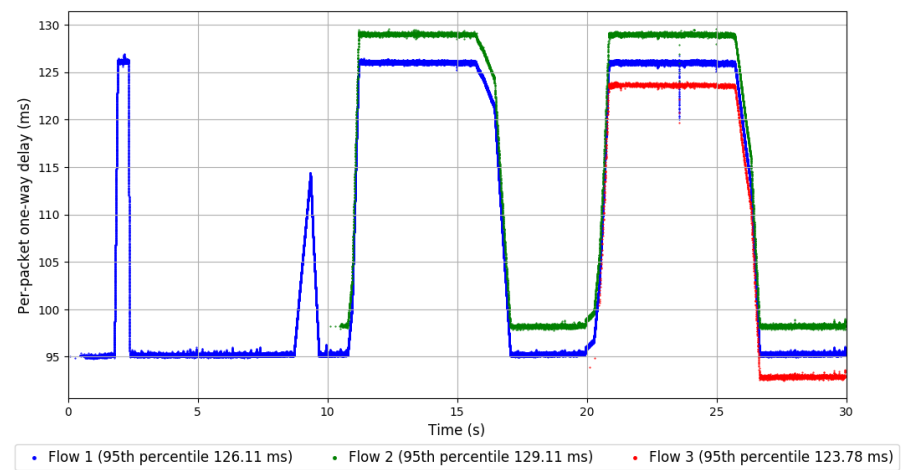
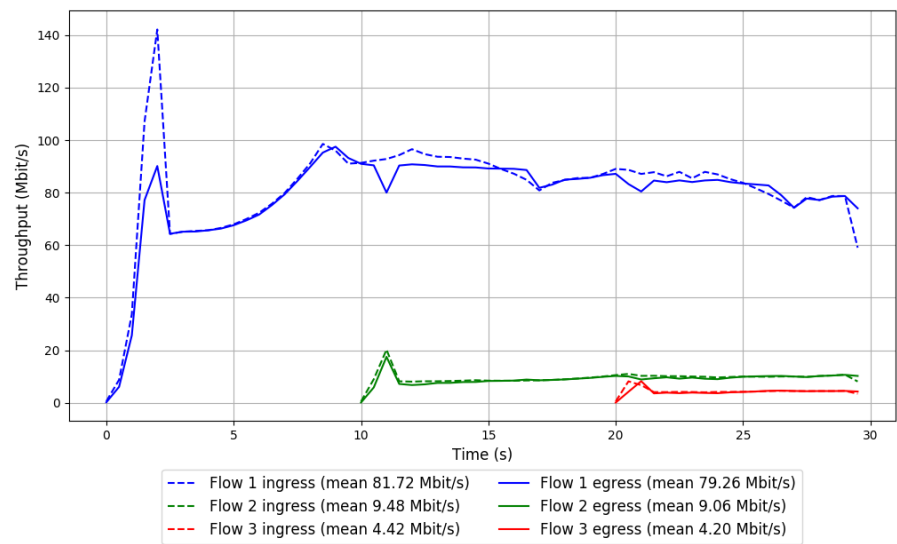


Run 2: Statistics of PCC

Start at: 2018-01-26 14:33:50
End at: 2018-01-26 14:34:20
Local clock offset: 0.079 ms
Remote clock offset: -10.14 ms

Below is generated by plot.py at 2018-01-26 18:05:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 126.167 ms
Loss rate: 3.14%
-- Flow 1:
Average throughput: 79.26 Mbit/s
95th percentile per-packet one-way delay: 126.113 ms
Loss rate: 3.01%
-- Flow 2:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 129.112 ms
Loss rate: 4.49%
-- Flow 3:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 123.775 ms
Loss rate: 4.82%

Run 2: Report of PCC — Data Link

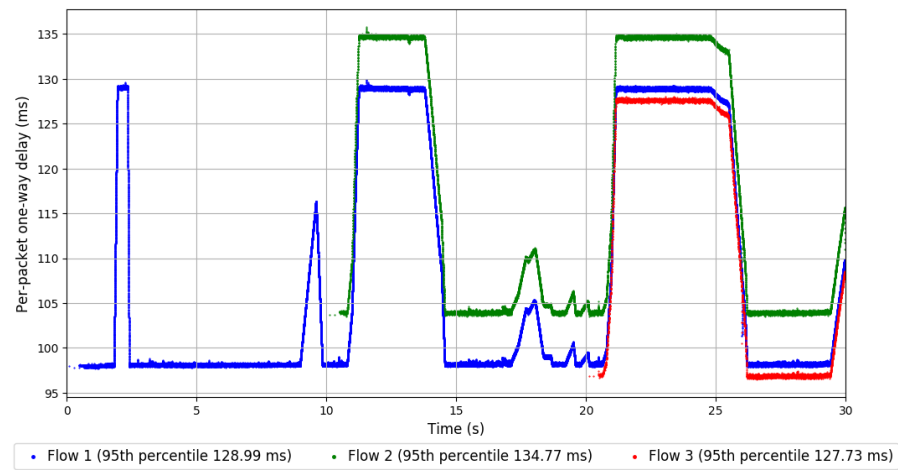
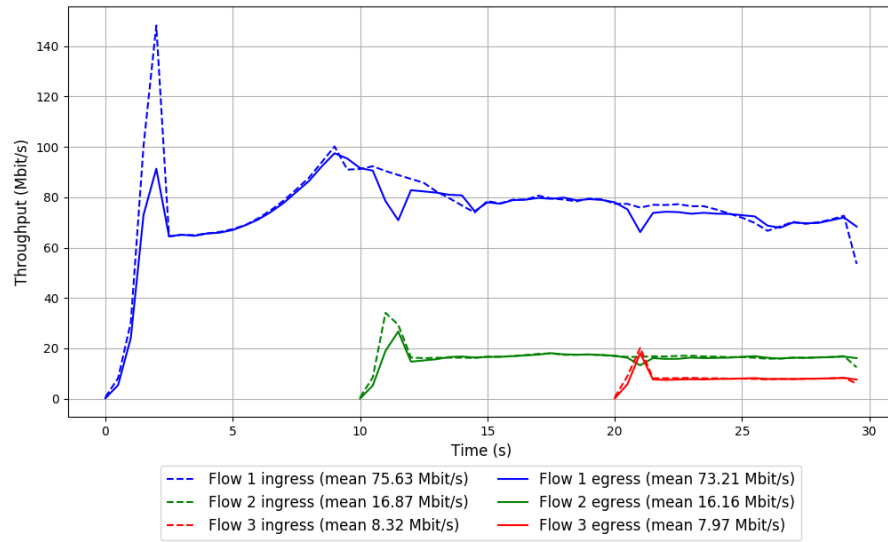


Run 3: Statistics of PCC

Start at: 2018-01-26 14:54:59
End at: 2018-01-26 14:55:29
Local clock offset: 0.074 ms
Remote clock offset: -6.919 ms

Below is generated by plot.py at 2018-01-26 18:05:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.58 Mbit/s
95th percentile per-packet one-way delay: 129.121 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 73.21 Mbit/s
95th percentile per-packet one-way delay: 128.985 ms
Loss rate: 3.17%
-- Flow 2:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 134.769 ms
Loss rate: 4.17%
-- Flow 3:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 127.735 ms
Loss rate: 4.13%

Run 3: Report of PCC — Data Link

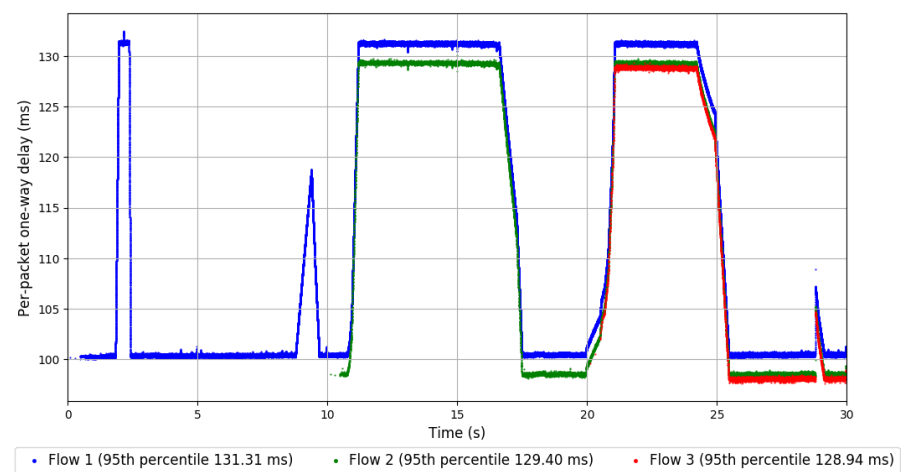
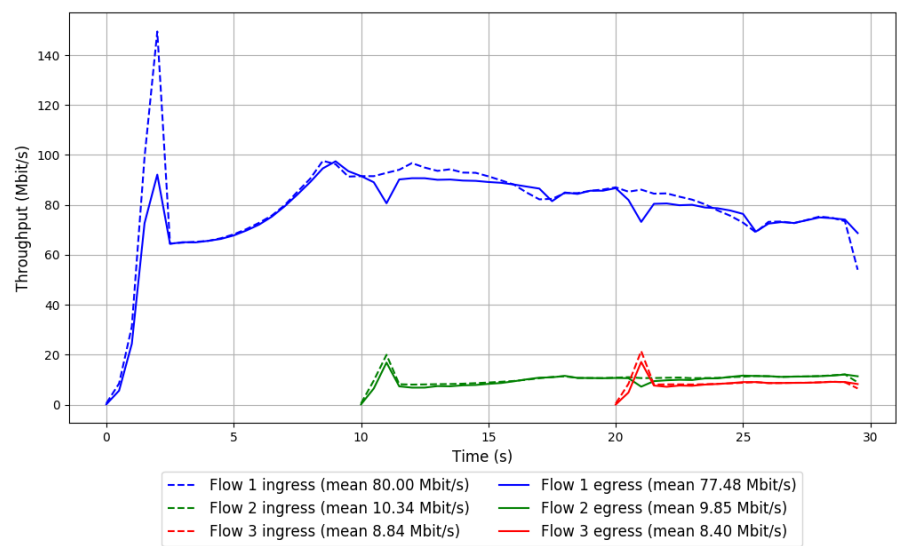


Run 4: Statistics of PCC

Start at: 2018-01-26 15:16:11
End at: 2018-01-26 15:16:41
Local clock offset: -0.344 ms
Remote clock offset: -6.308 ms

Below is generated by plot.py at 2018-01-26 18:05:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 131.299 ms
Loss rate: 3.34%
-- Flow 1:
Average throughput: 77.48 Mbit/s
95th percentile per-packet one-way delay: 131.306 ms
Loss rate: 3.16%
-- Flow 2:
Average throughput: 9.85 Mbit/s
95th percentile per-packet one-way delay: 129.403 ms
Loss rate: 4.72%
-- Flow 3:
Average throughput: 8.40 Mbit/s
95th percentile per-packet one-way delay: 128.935 ms
Loss rate: 4.99%

Run 4: Report of PCC — Data Link

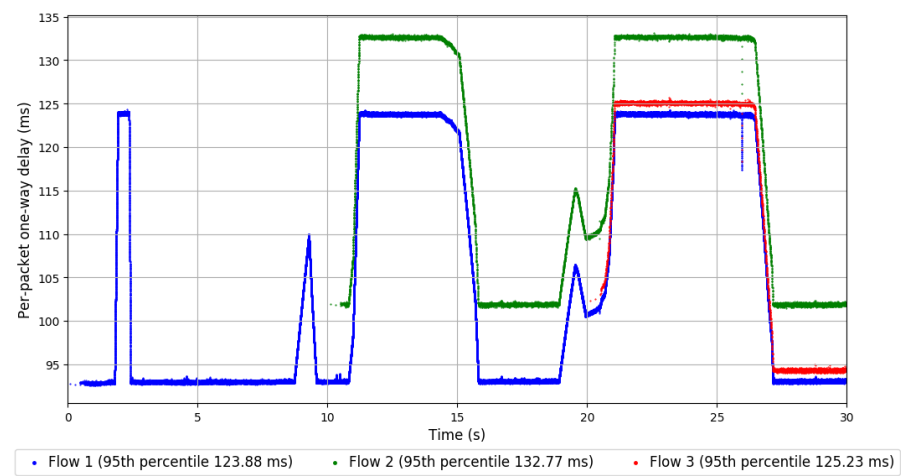
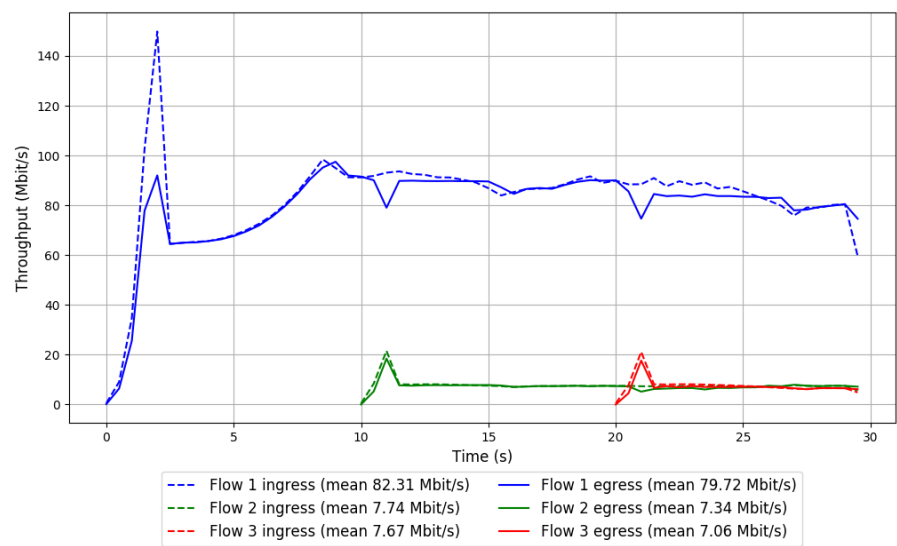


Run 5: Statistics of PCC

Start at: 2018-01-26 15:37:28
End at: 2018-01-26 15:37:58
Local clock offset: -0.516 ms
Remote clock offset: -10.762 ms

Below is generated by plot.py at 2018-01-26 18:05:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 123.983 ms
Loss rate: 3.40%
-- Flow 1:
Average throughput: 79.72 Mbit/s
95th percentile per-packet one-way delay: 123.878 ms
Loss rate: 3.15%
-- Flow 2:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 132.773 ms
Loss rate: 5.10%
-- Flow 3:
Average throughput: 7.06 Mbit/s
95th percentile per-packet one-way delay: 125.226 ms
Loss rate: 8.08%

Run 5: Report of PCC — Data Link

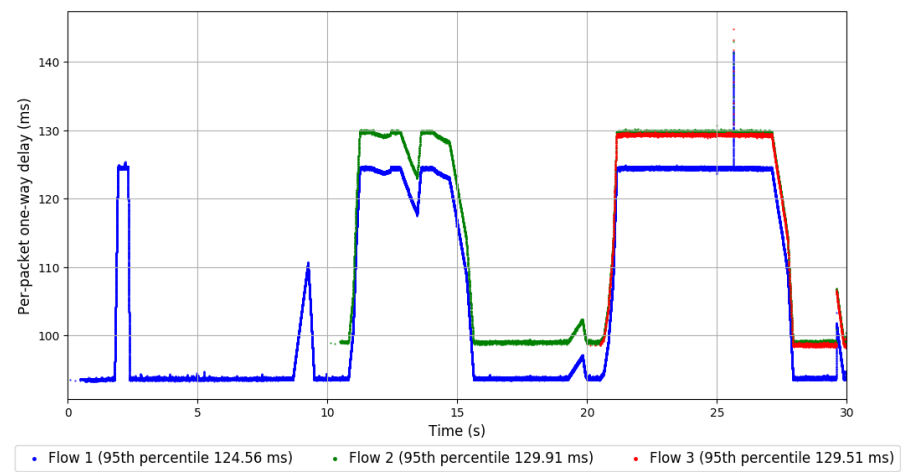
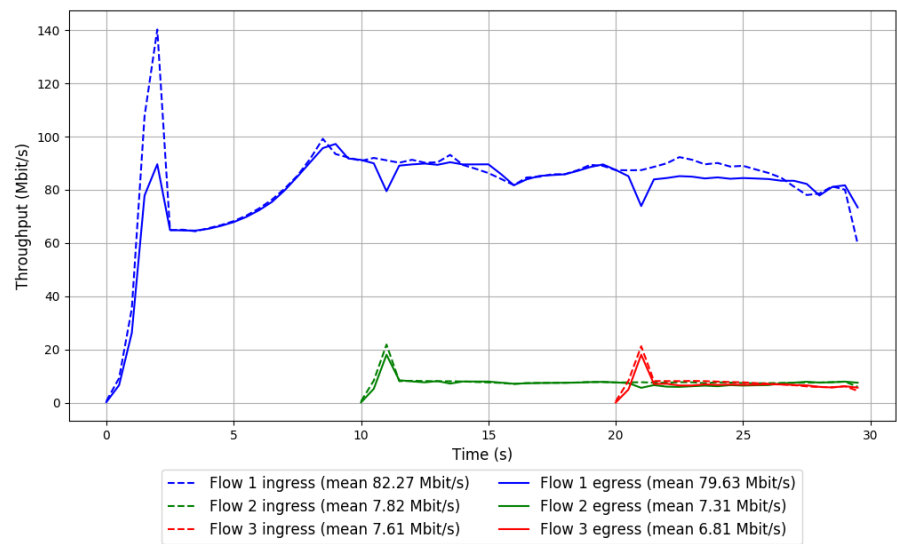


Run 6: Statistics of PCC

Start at: 2018-01-26 15:58:40
End at: 2018-01-26 15:59:10
Local clock offset: -0.572 ms
Remote clock offset: -12.119 ms

Below is generated by plot.py at 2018-01-26 18:05:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 124.674 ms
Loss rate: 3.60%
-- Flow 1:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 124.560 ms
Loss rate: 3.21%
-- Flow 2:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 129.909 ms
Loss rate: 6.43%
-- Flow 3:
Average throughput: 6.81 Mbit/s
95th percentile per-packet one-way delay: 129.511 ms
Loss rate: 10.55%

Run 6: Report of PCC — Data Link

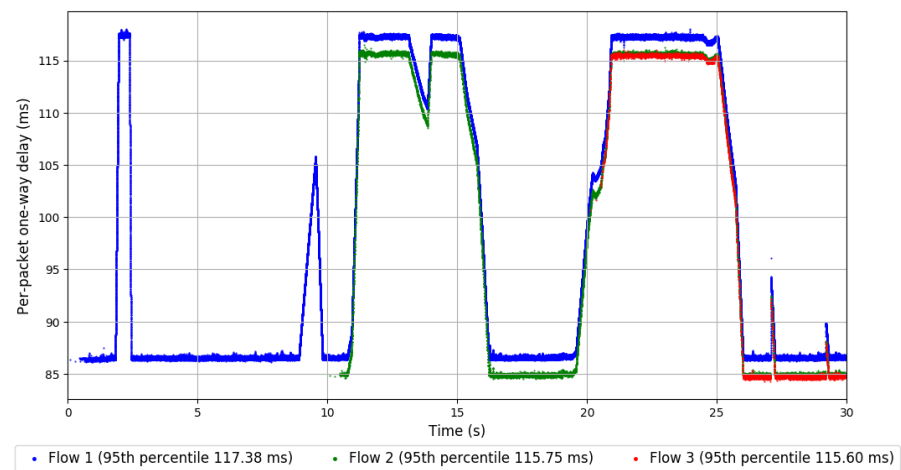
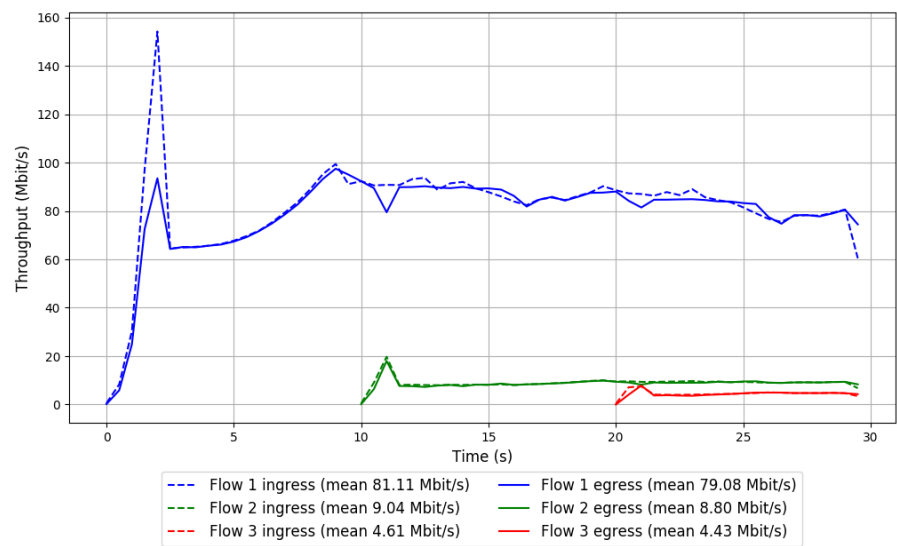


Run 7: Statistics of PCC

Start at: 2018-01-26 16:19:42
End at: 2018-01-26 16:20:12
Local clock offset: -0.632 ms
Remote clock offset: -20.297 ms

Below is generated by plot.py at 2018-01-26 18:05:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 117.368 ms
Loss rate: 2.53%
-- Flow 1:
Average throughput: 79.08 Mbit/s
95th percentile per-packet one-way delay: 117.375 ms
Loss rate: 2.49%
-- Flow 2:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 115.754 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 115.596 ms
Loss rate: 4.14%

Run 7: Report of PCC — Data Link

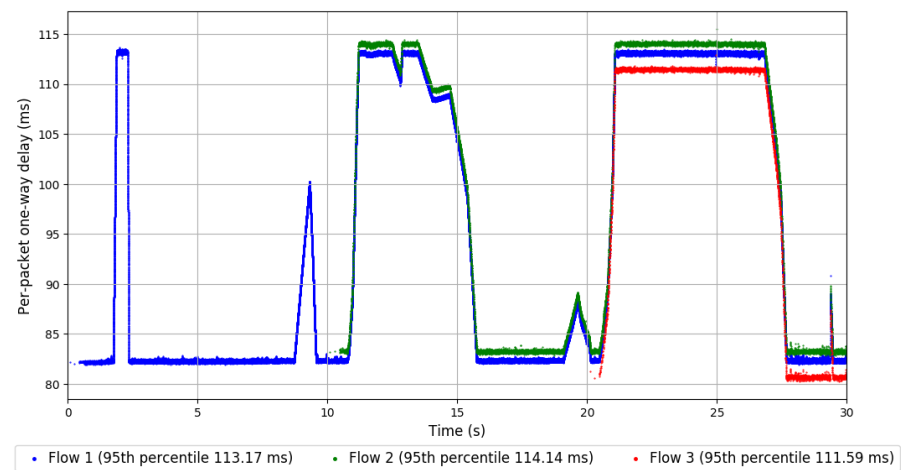
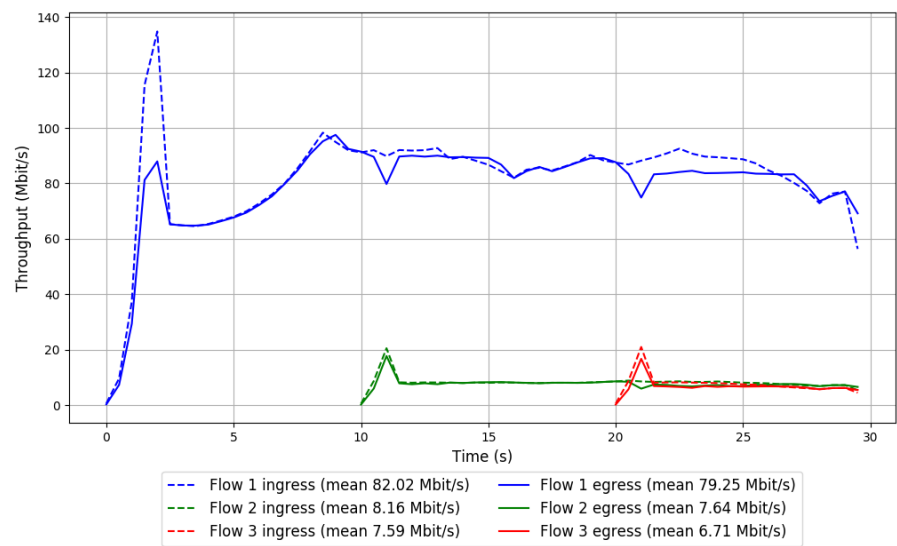


Run 8: Statistics of PCC

Start at: 2018-01-26 16:40:44
End at: 2018-01-26 16:41:14
Local clock offset: -0.537 ms
Remote clock offset: -19.641 ms

Below is generated by plot.py at 2018-01-26 18:05:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.54 Mbit/s
95th percentile per-packet one-way delay: 113.202 ms
Loss rate: 3.78%
-- Flow 1:
Average throughput: 79.25 Mbit/s
95th percentile per-packet one-way delay: 113.170 ms
Loss rate: 3.38%
-- Flow 2:
Average throughput: 7.64 Mbit/s
95th percentile per-packet one-way delay: 114.136 ms
Loss rate: 6.34%
-- Flow 3:
Average throughput: 6.71 Mbit/s
95th percentile per-packet one-way delay: 111.595 ms
Loss rate: 11.64%

Run 8: Report of PCC — Data Link

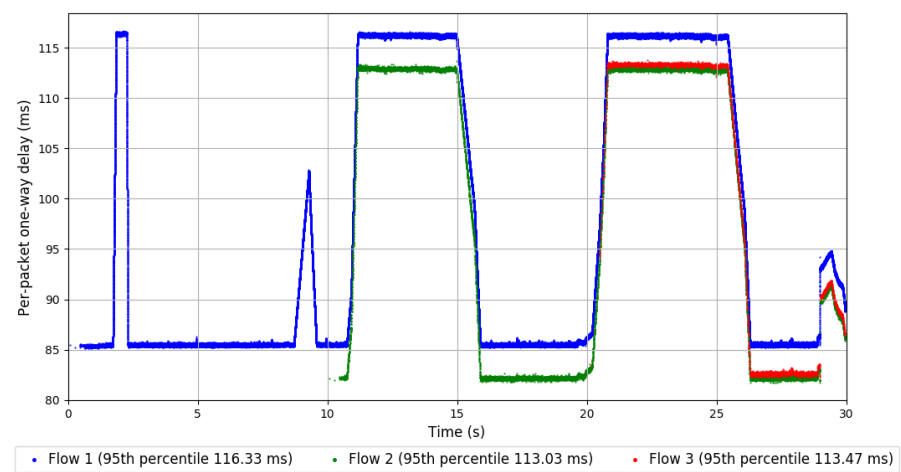
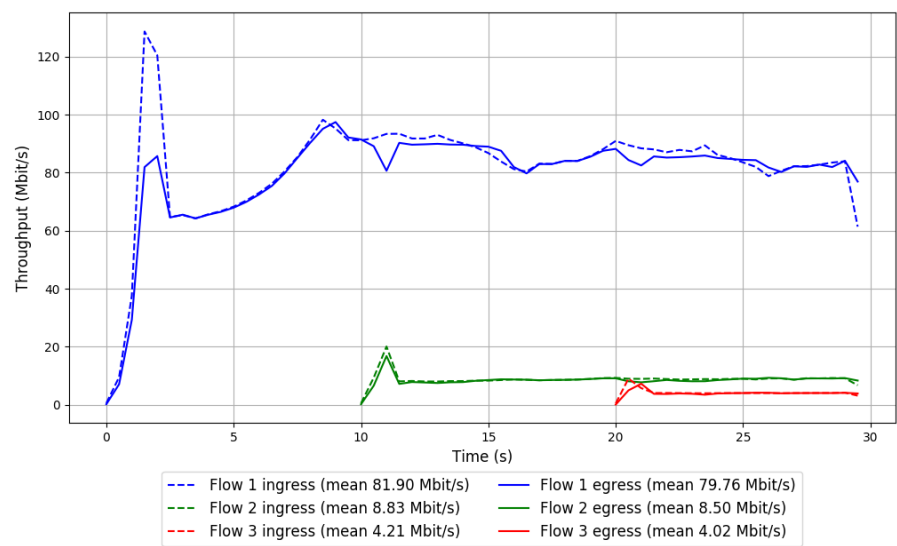


Run 9: Statistics of PCC

Start at: 2018-01-26 17:01:55
End at: 2018-01-26 17:02:25
Local clock offset: -0.499 ms
Remote clock offset: -17.847 ms

Below is generated by plot.py at 2018-01-26 18:06:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 116.324 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 116.331 ms
Loss rate: 2.60%
-- Flow 2:
Average throughput: 8.50 Mbit/s
95th percentile per-packet one-way delay: 113.025 ms
Loss rate: 3.66%
-- Flow 3:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 113.469 ms
Loss rate: 4.48%

Run 9: Report of PCC — Data Link

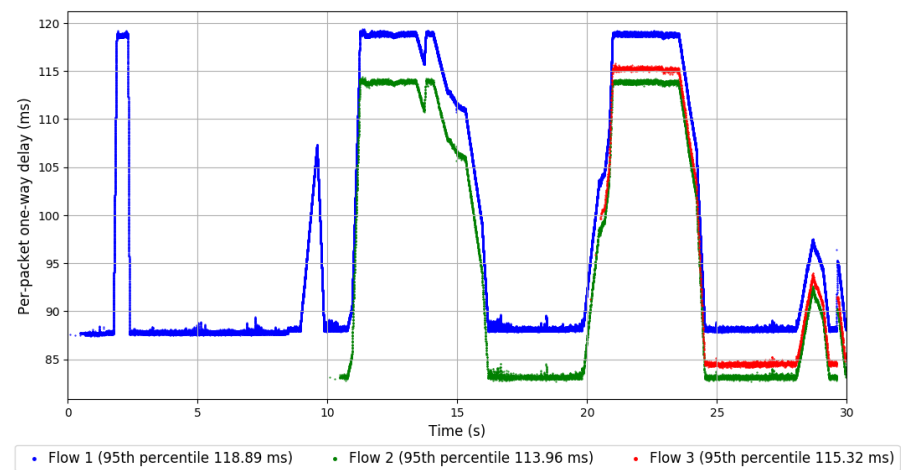
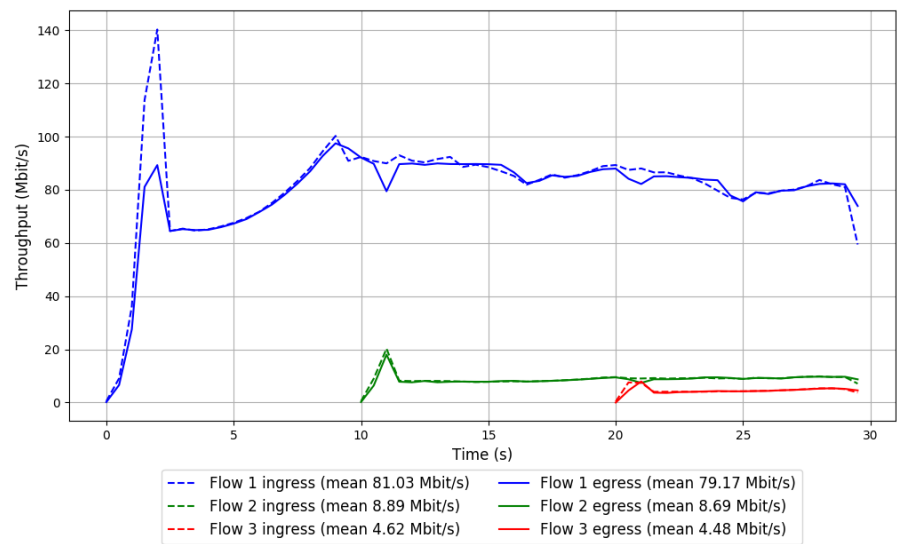


Run 10: Statistics of PCC

Start at: 2018-01-26 17:23:04
End at: 2018-01-26 17:23:34
Local clock offset: -0.442 ms
Remote clock offset: -13.315 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 118.880 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 79.17 Mbit/s
95th percentile per-packet one-way delay: 118.889 ms
Loss rate: 2.29%
-- Flow 2:
Average throughput: 8.69 Mbit/s
95th percentile per-packet one-way delay: 113.961 ms
Loss rate: 2.24%
-- Flow 3:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 115.319 ms
Loss rate: 3.24%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

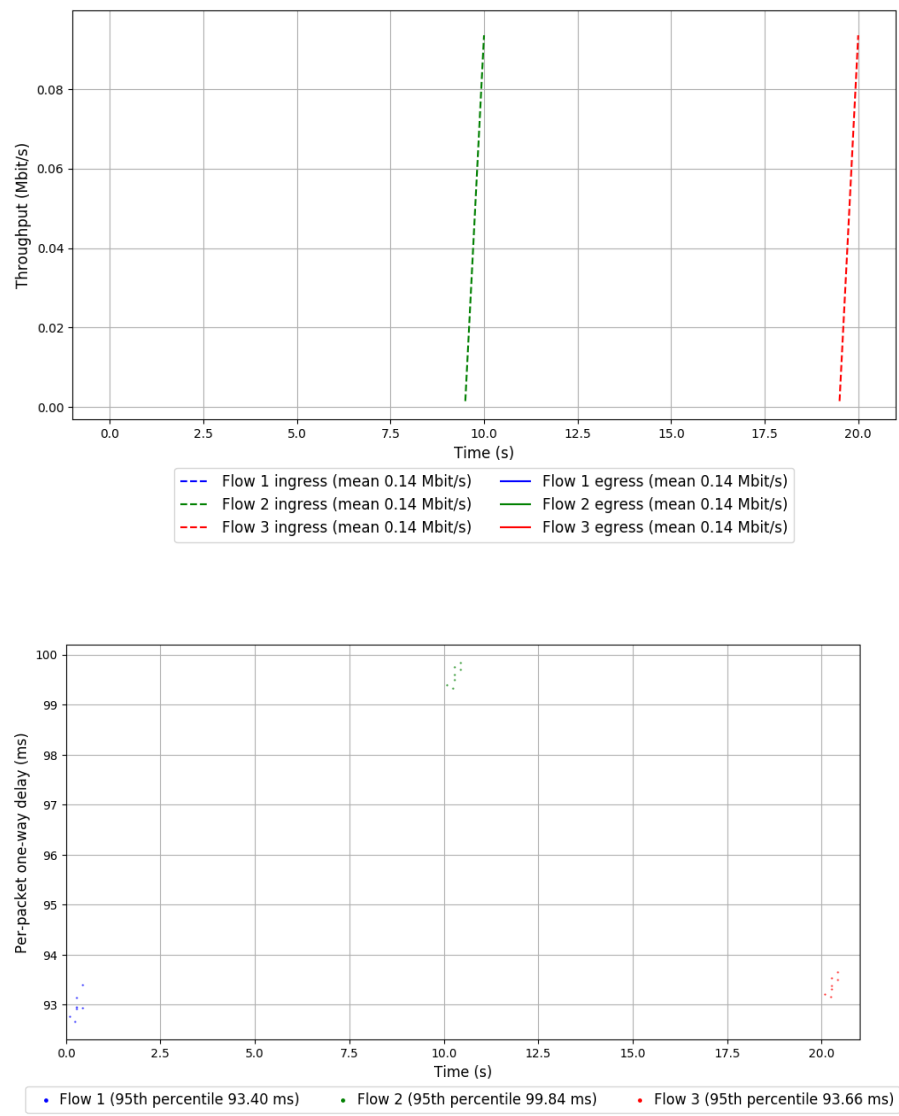
Start at: 2018-01-26 14:23:21

End at: 2018-01-26 14:23:51

Local clock offset: 0.042 ms

Remote clock offset: -9.72 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

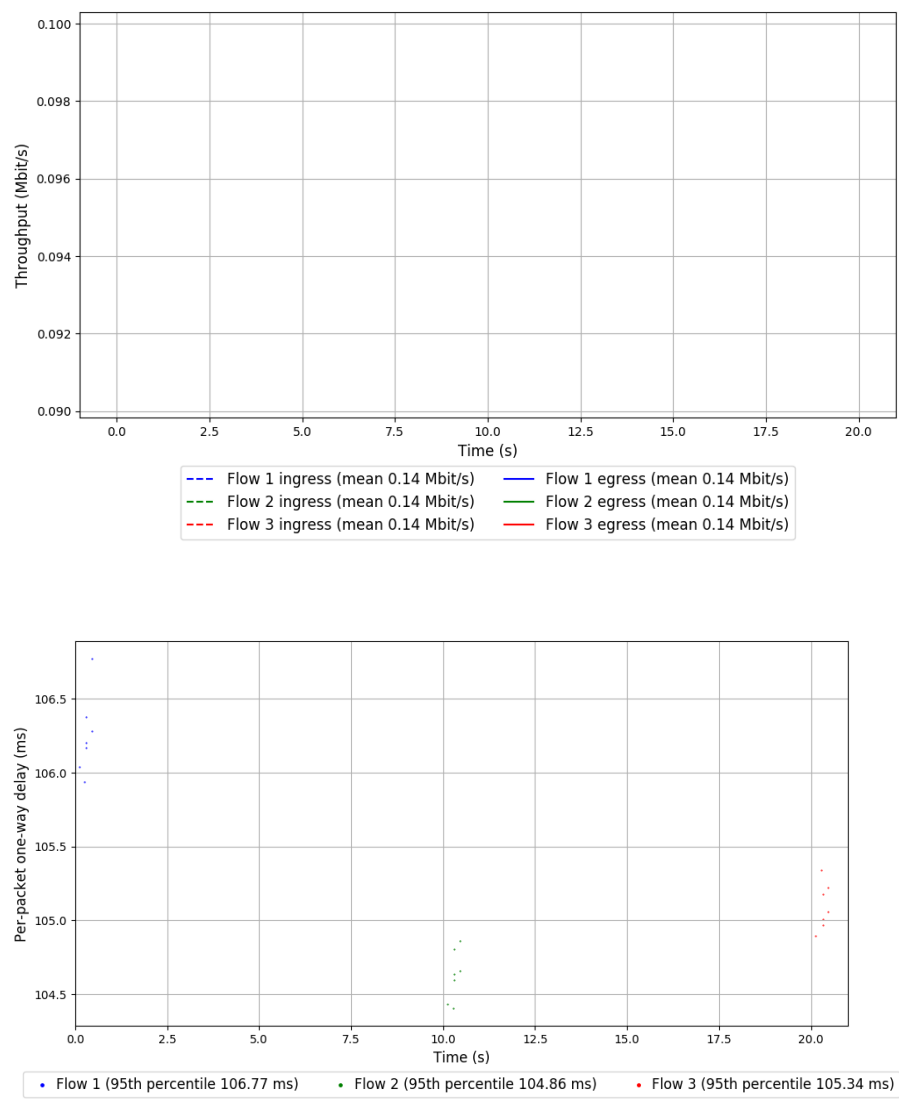
Start at: 2018-01-26 14:44:24

End at: 2018-01-26 14:44:54

Local clock offset: 0.114 ms

Remote clock offset: -5.747 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

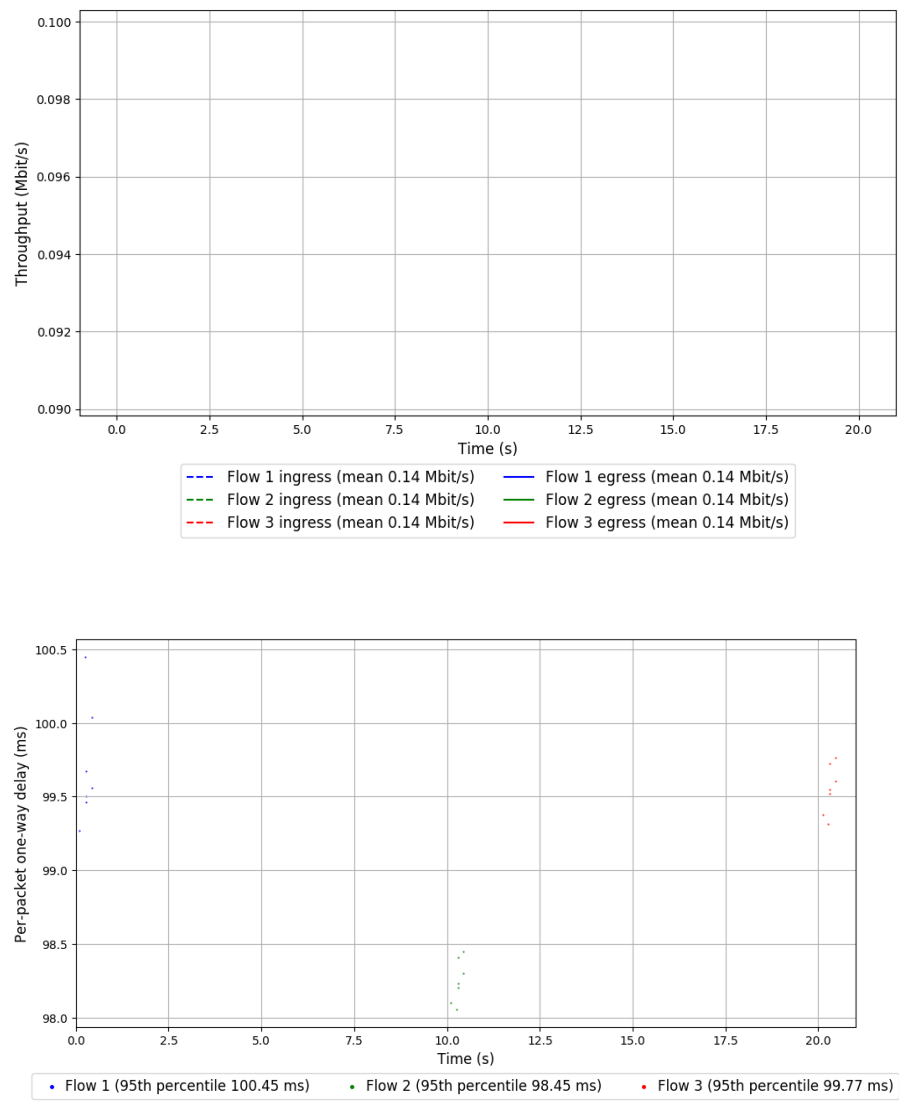
Start at: 2018-01-26 15:05:37

End at: 2018-01-26 15:06:07

Local clock offset: -0.112 ms

Remote clock offset: -5.536 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

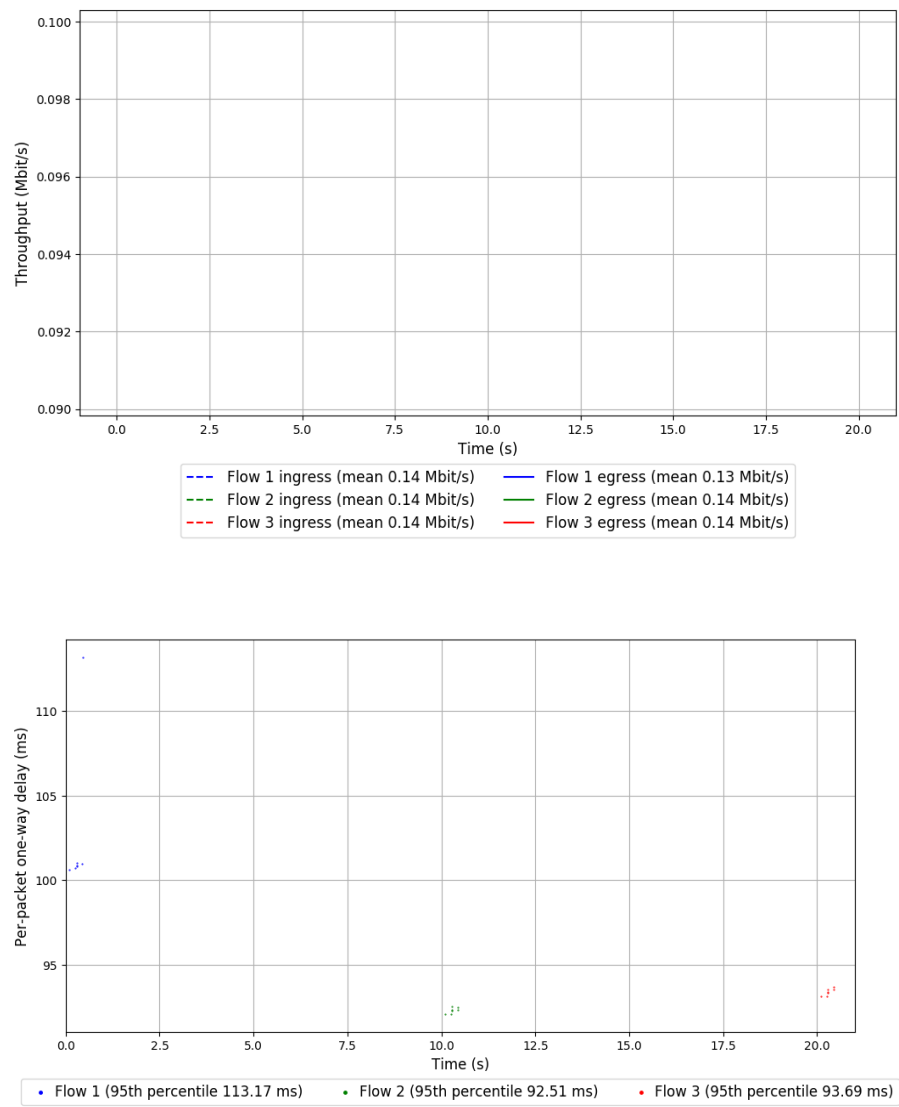
Start at: 2018-01-26 15:26:49

End at: 2018-01-26 15:27:19

Local clock offset: -0.415 ms

Remote clock offset: -11.366 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

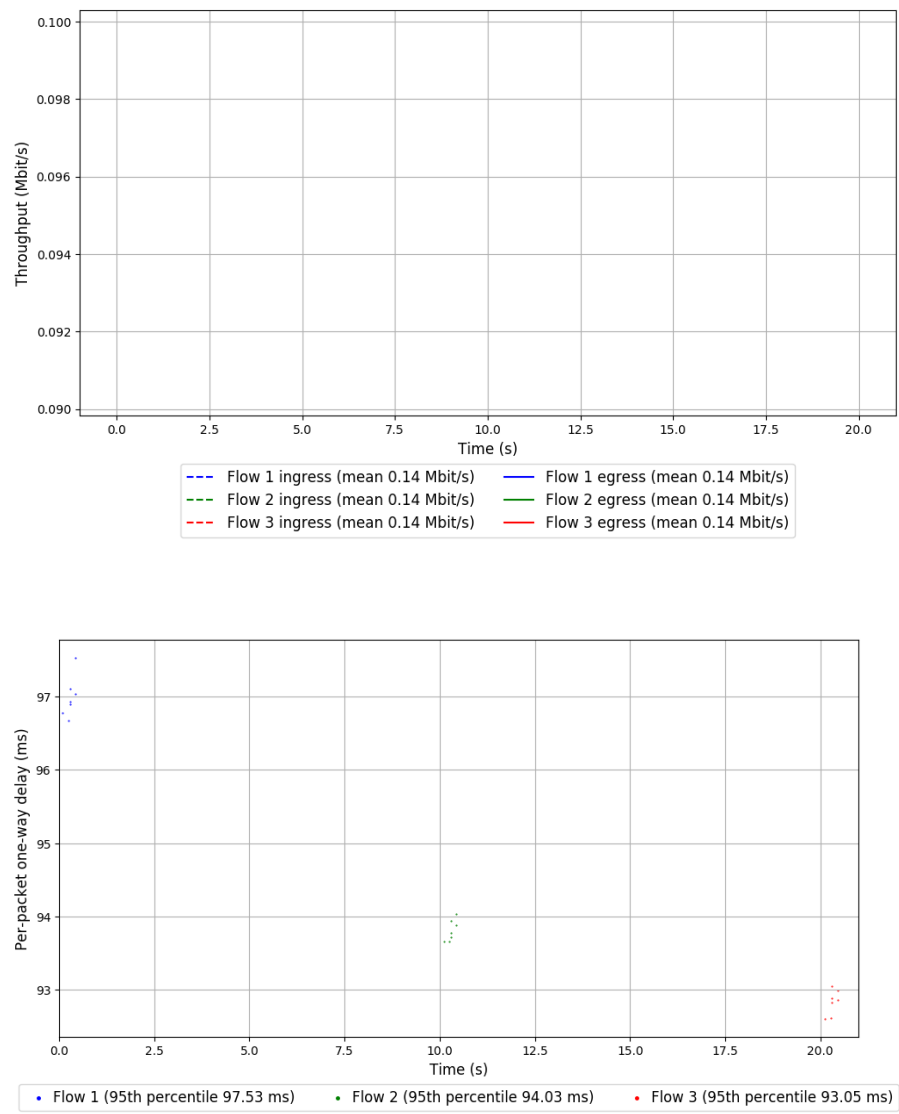
Start at: 2018-01-26 15:48:07

End at: 2018-01-26 15:48:37

Local clock offset: -0.563 ms

Remote clock offset: -11.989 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

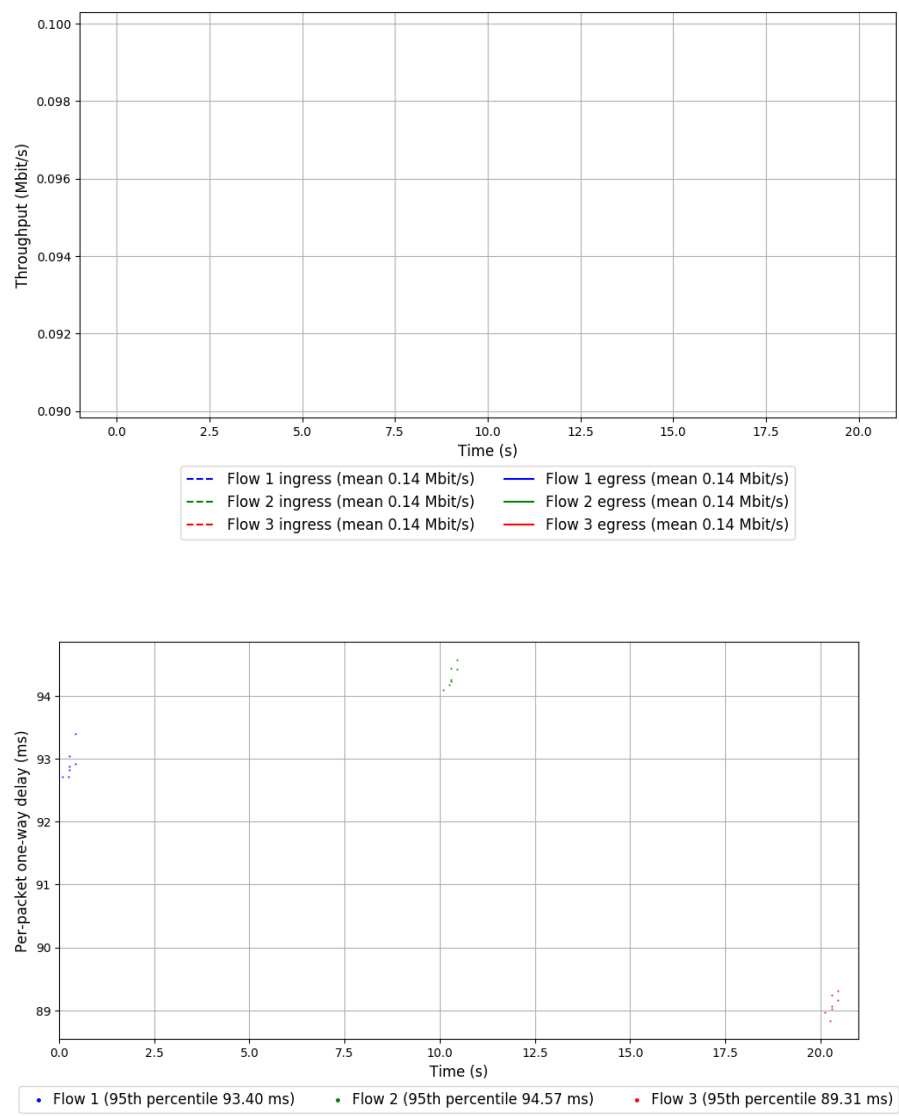
Start at: 2018-01-26 16:09:13

End at: 2018-01-26 16:09:43

Local clock offset: -0.608 ms

Remote clock offset: -16.198 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

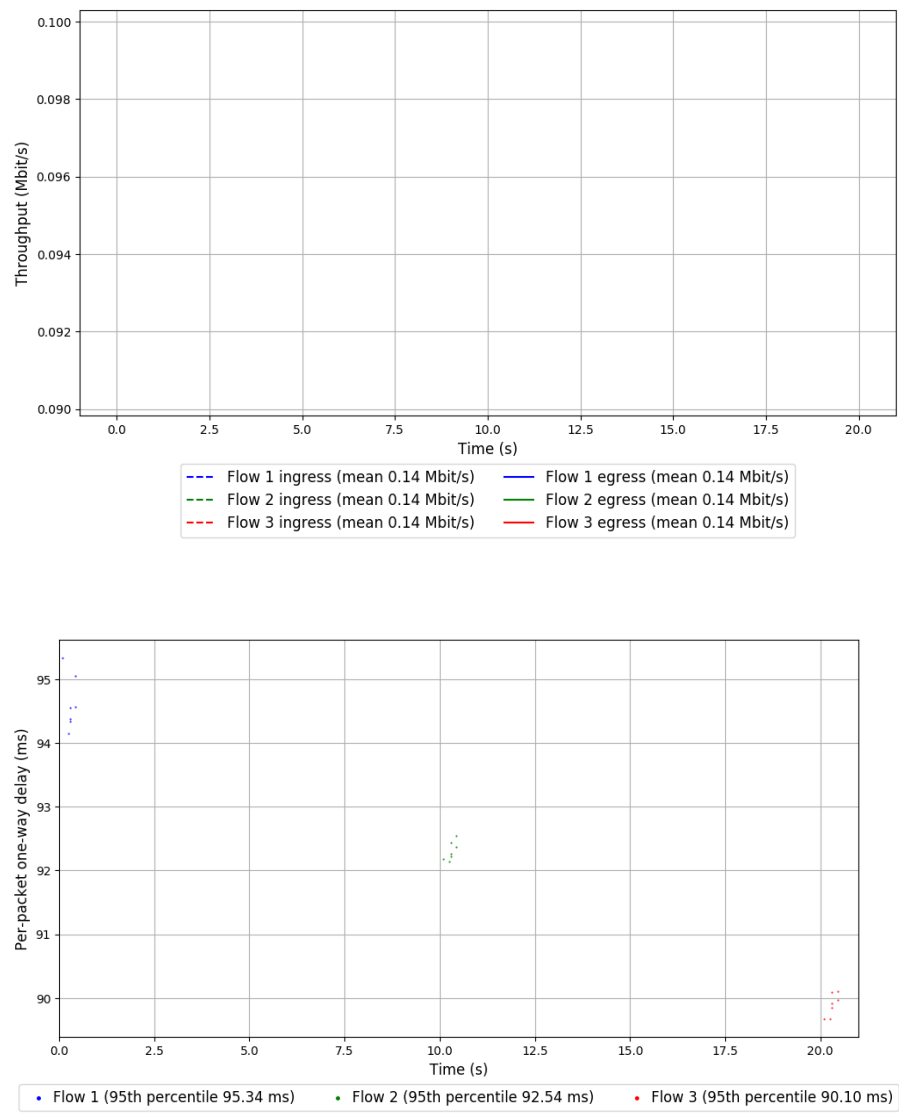
Start at: 2018-01-26 16:30:14

End at: 2018-01-26 16:30:44

Local clock offset: -0.586 ms

Remote clock offset: -14.556 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

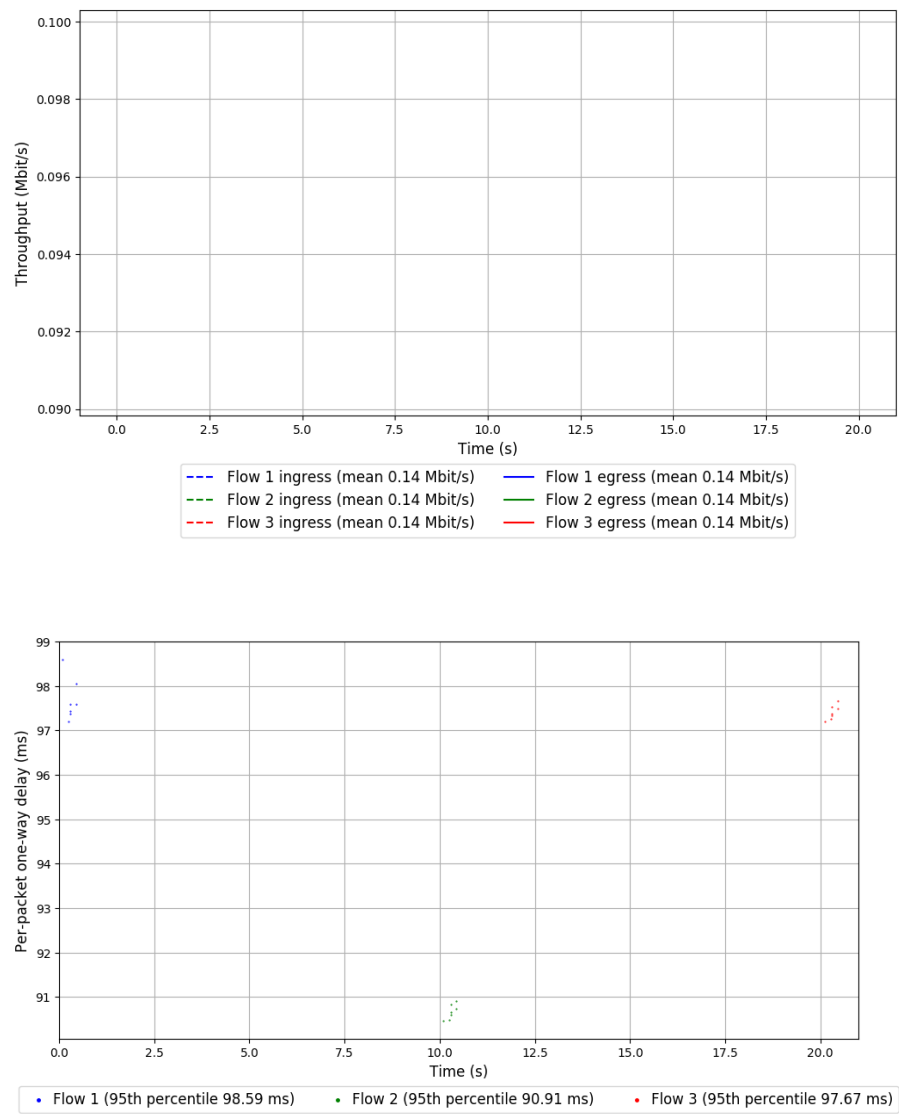
Start at: 2018-01-26 16:51:18

End at: 2018-01-26 16:51:48

Local clock offset: -0.48 ms

Remote clock offset: -12.431 ms

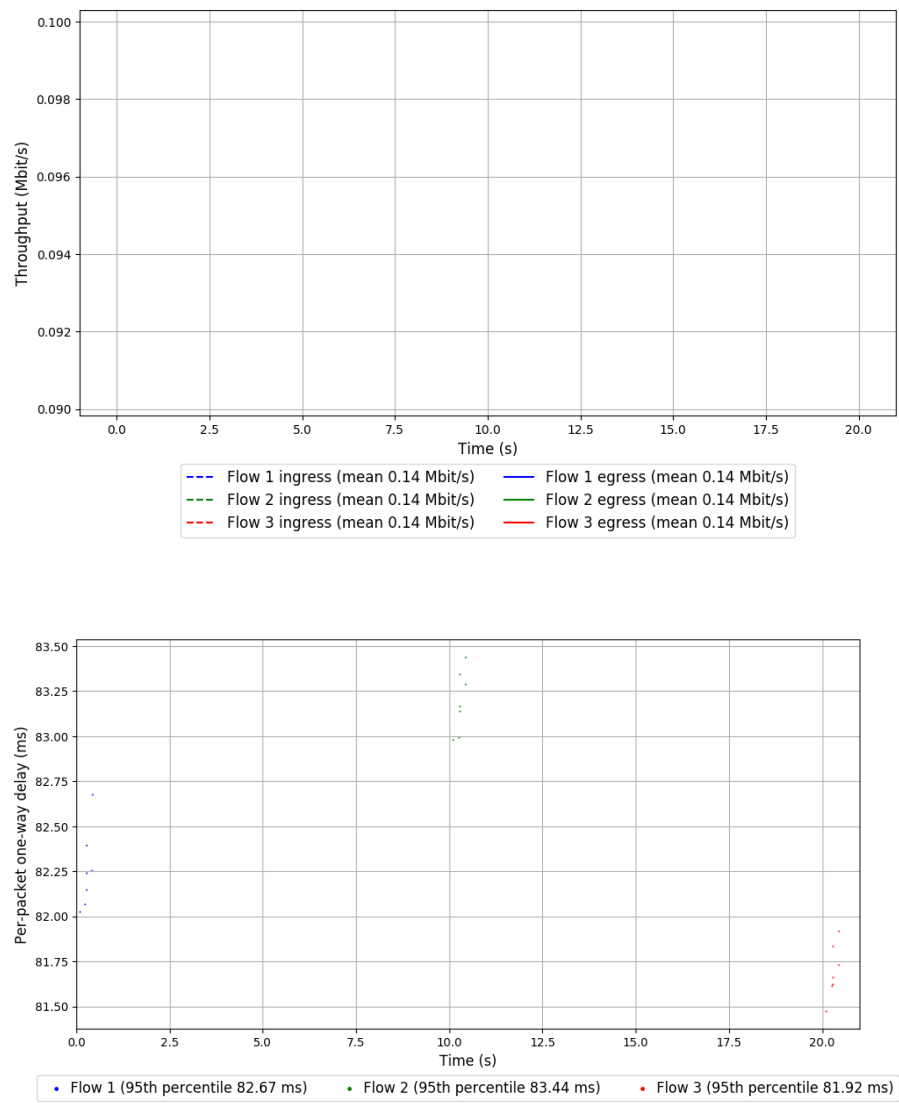
Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-01-26 17:12:29
End at: 2018-01-26 17:12:59
Local clock offset: -0.443 ms
Remote clock offset: -15.897 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

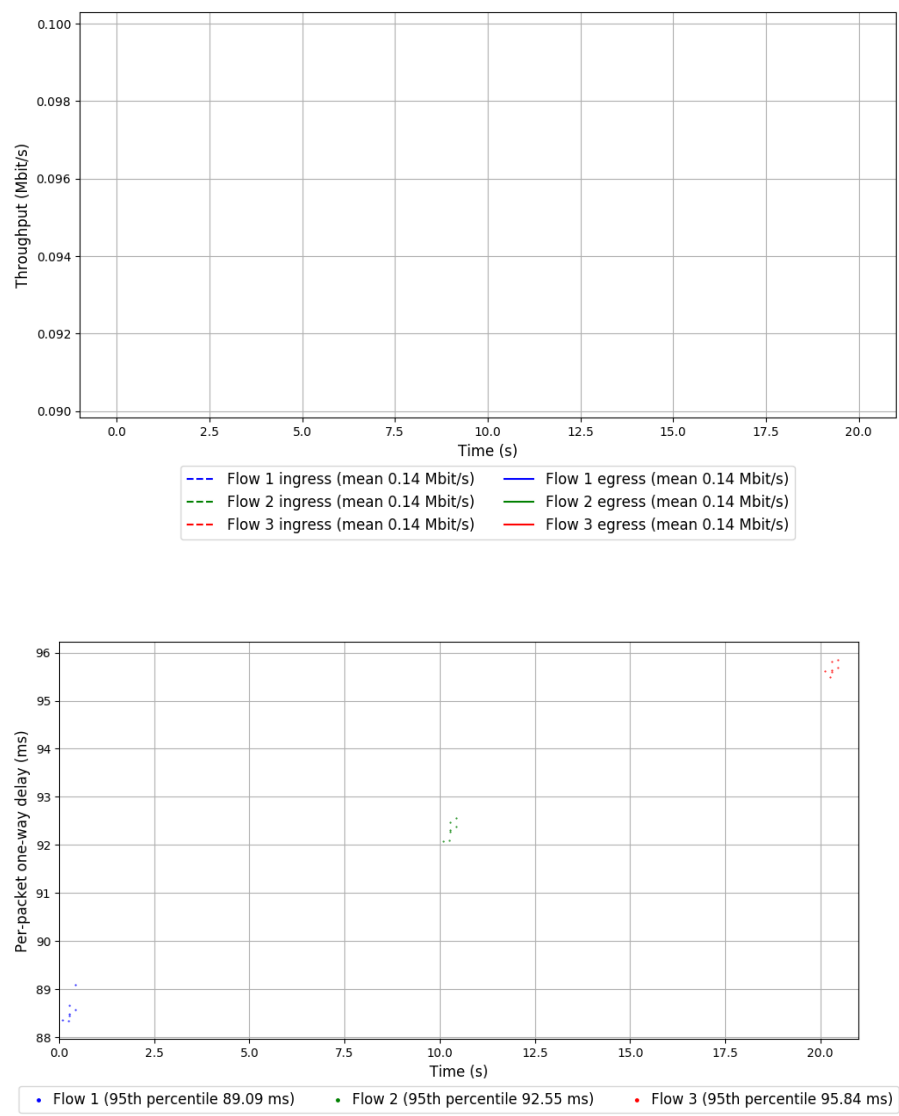
Start at: 2018-01-26 17:33:37

End at: 2018-01-26 17:34:07

Local clock offset: -0.498 ms

Remote clock offset: -6.056 ms

Run 10: Report of QUIC Cubic — Data Link

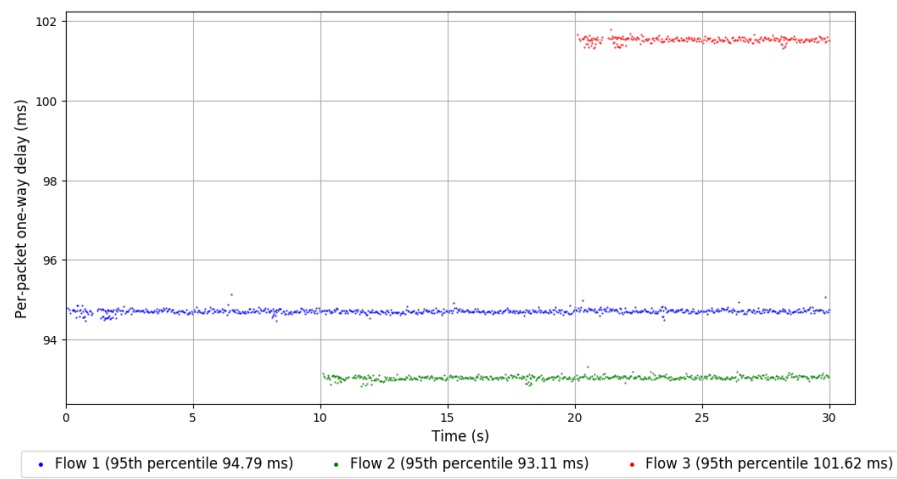
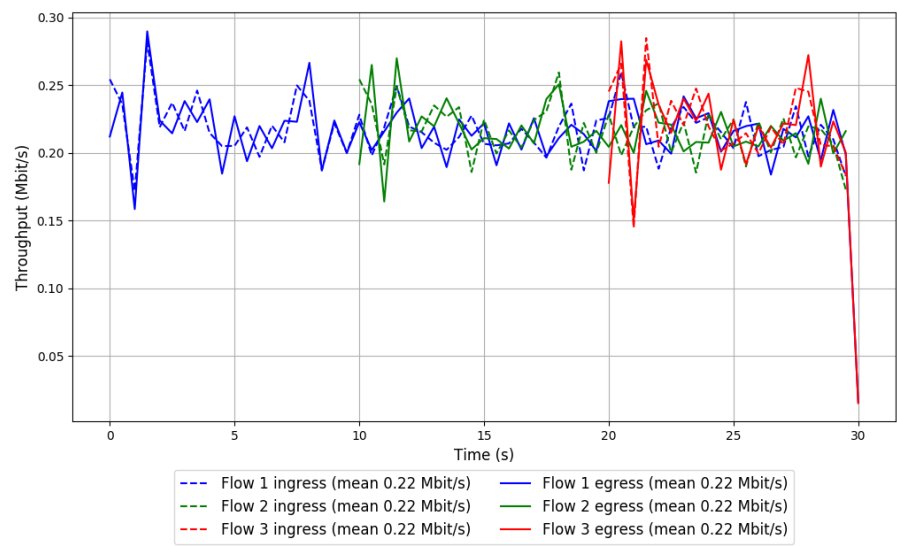


```
Run 1: Statistics of SReAM

Start at: 2018-01-26 14:15:21
End at: 2018-01-26 14:15:51
Local clock offset: -0.026 ms
Remote clock offset: -9.342 ms

# Below is generated by plot.py at 2018-01-26 18:06:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 101.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 94.788 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 93.113 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.618 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

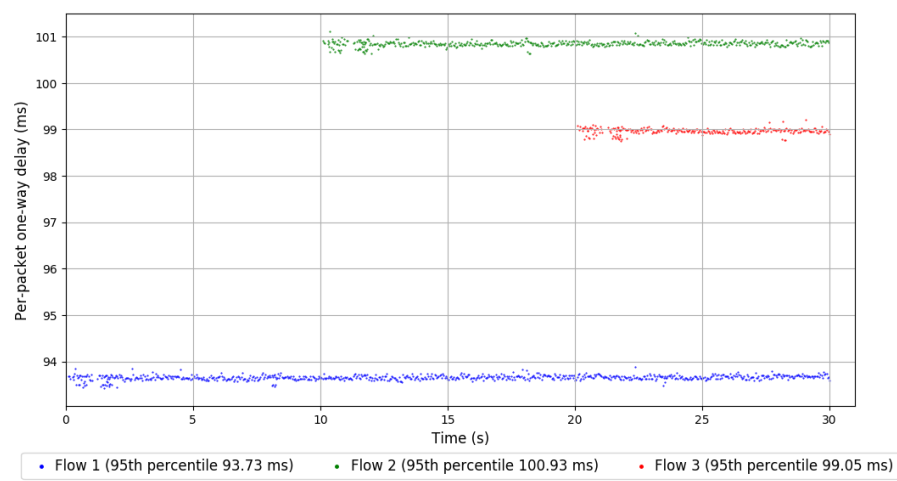
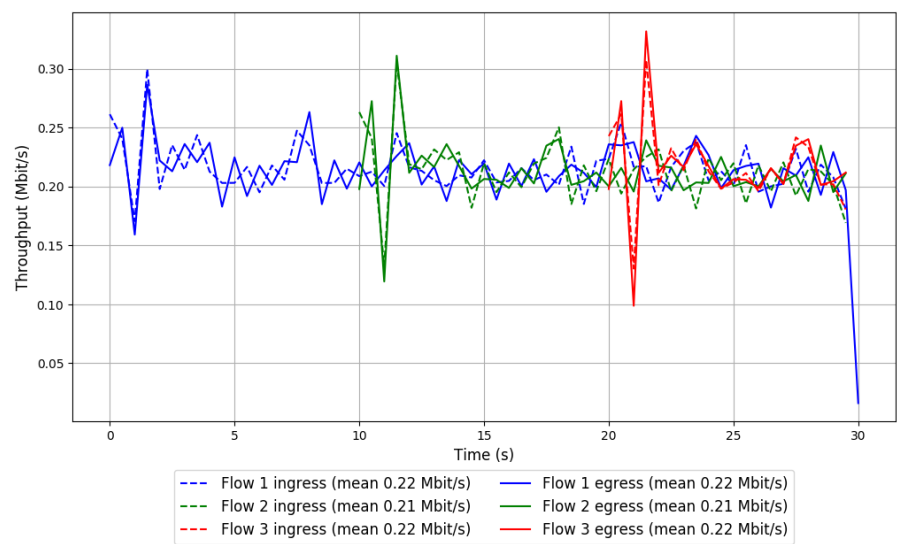


Run 2: Statistics of SReAM

Start at: 2018-01-26 14:36:27
End at: 2018-01-26 14:36:57
Local clock offset: 0.088 ms
Remote clock offset: -11.045 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 100.898 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 93.730 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 100.927 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.053 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

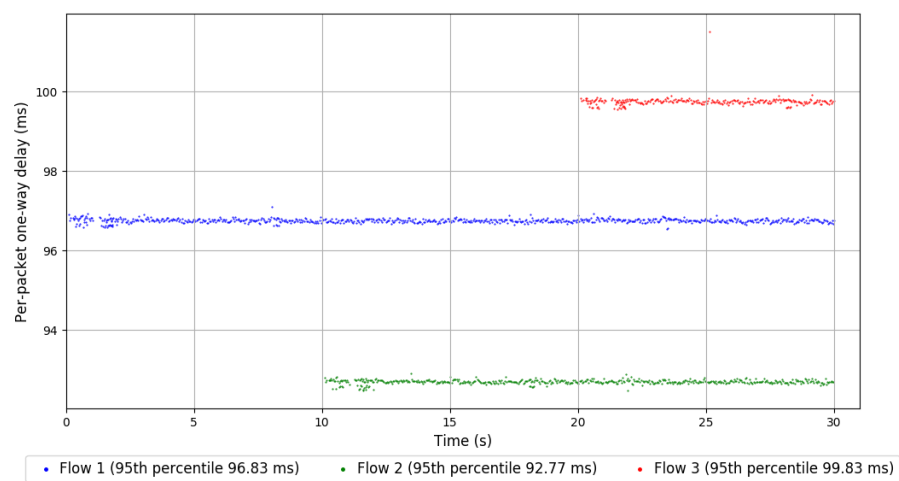
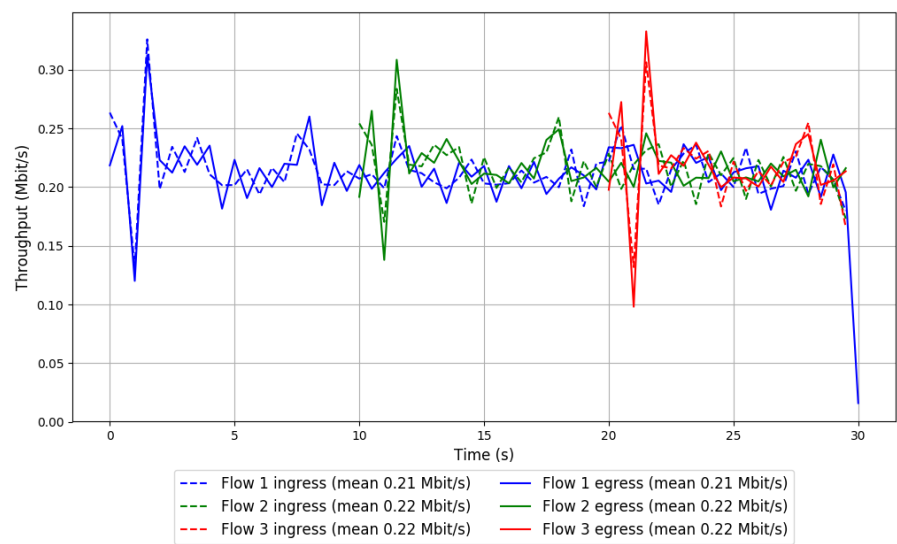


Run 3: Statistics of SReAM

Start at: 2018-01-26 14:57:36
End at: 2018-01-26 14:58:06
Local clock offset: 0.043 ms
Remote clock offset: -10.713 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 99.784 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 96.826 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 92.770 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.833 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

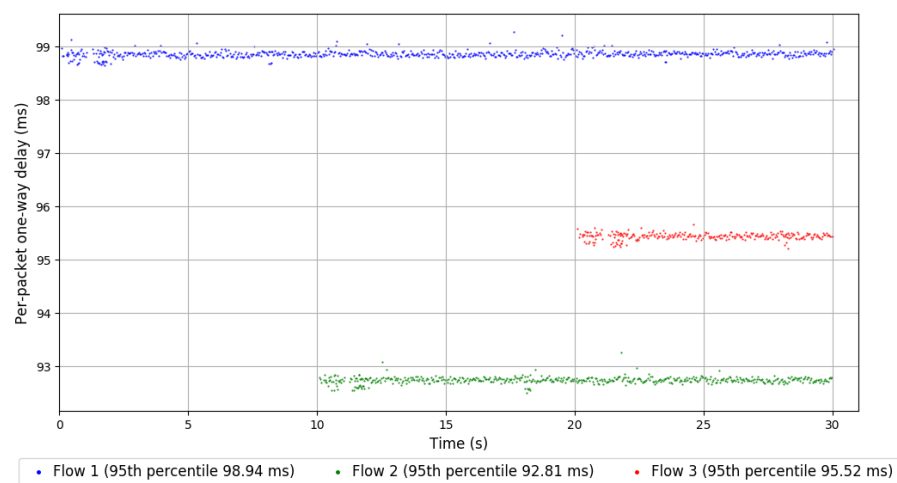
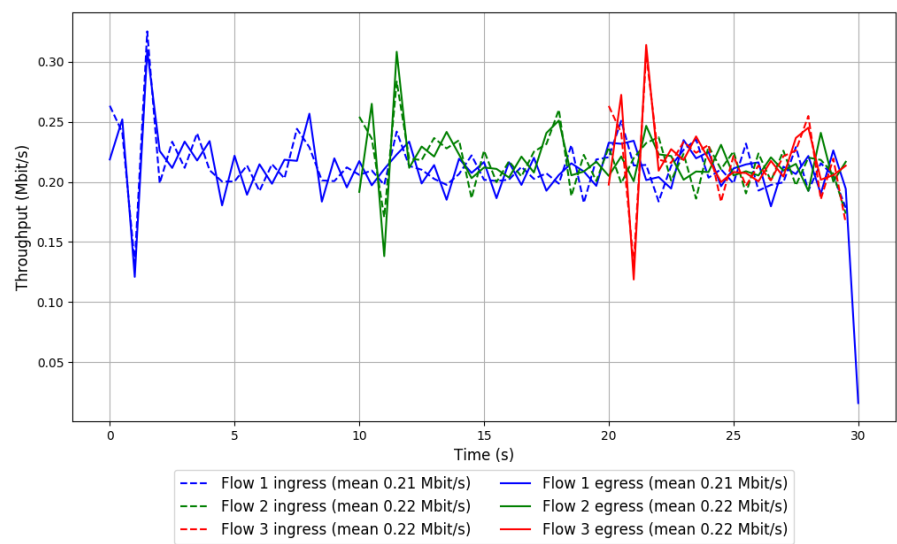


Run 4: Statistics of SReAM

Start at: 2018-01-26 15:18:48
End at: 2018-01-26 15:19:18
Local clock offset: -0.293 ms
Remote clock offset: -11.092 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 98.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 98.941 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 92.808 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 95.522 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

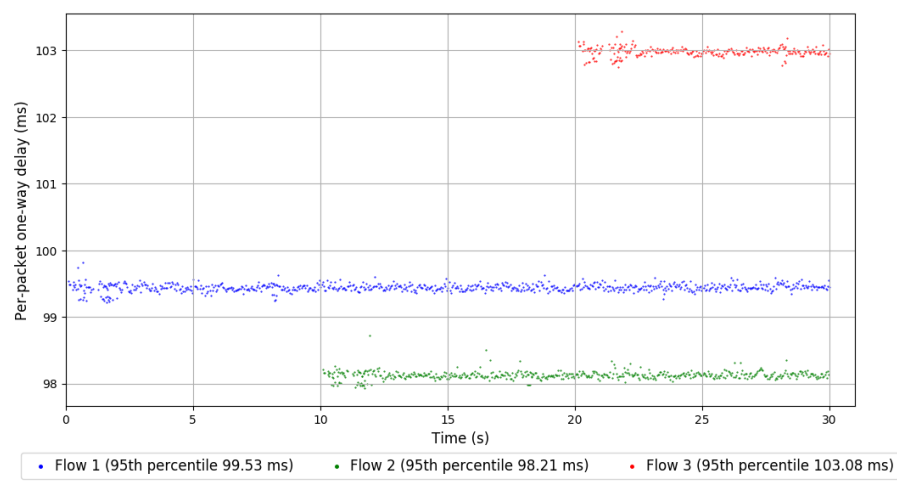
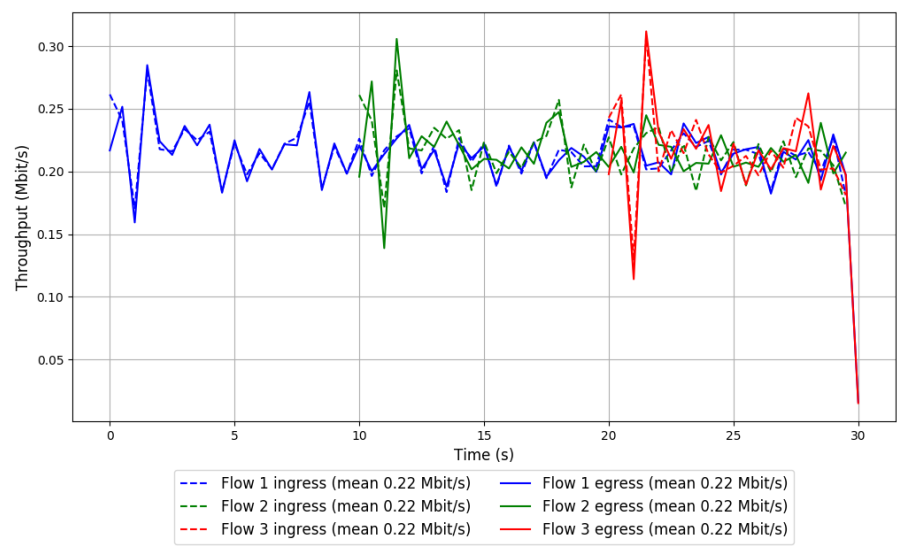


Run 5: Statistics of SReAM

Start at: 2018-01-26 15:40:05
End at: 2018-01-26 15:40:35
Local clock offset: -0.467 ms
Remote clock offset: -5.907 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 103.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 99.531 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 98.209 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 103.083 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

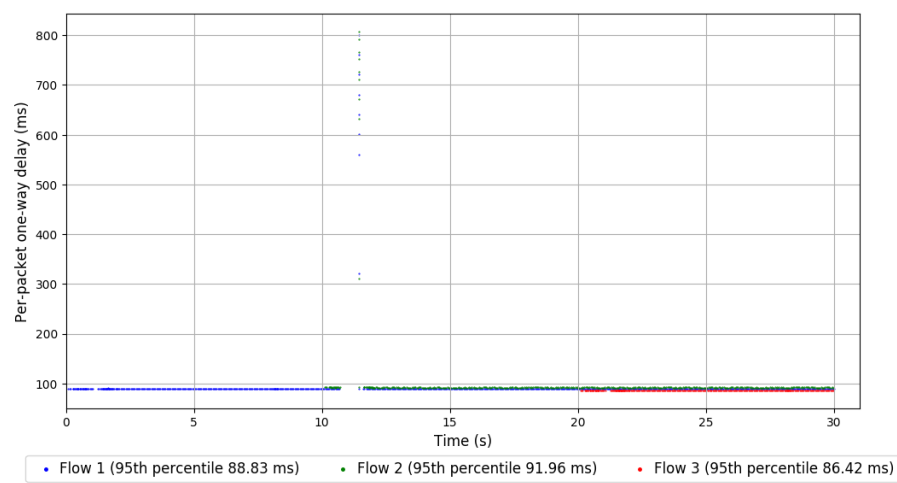
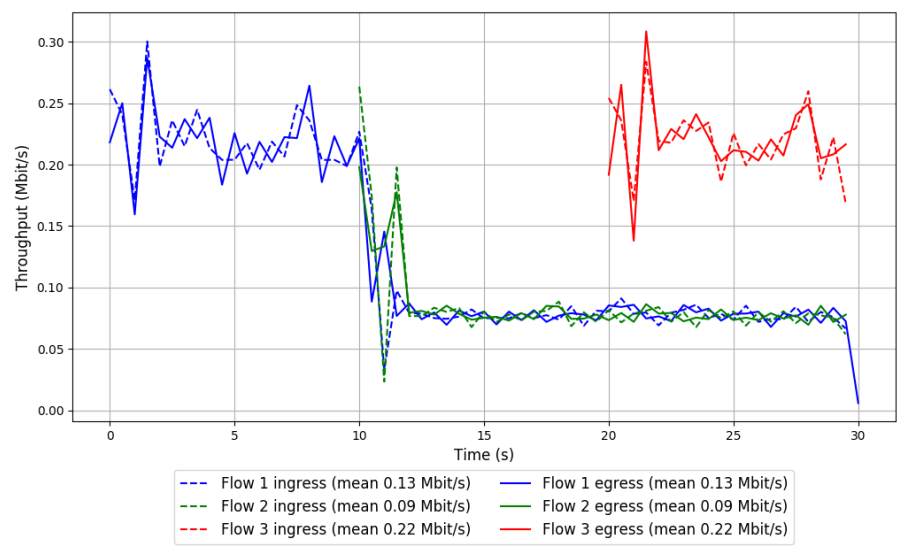


Run 6: Statistics of SCReAM

Start at: 2018-01-26 16:01:15
End at: 2018-01-26 16:01:45
Local clock offset: -0.571 ms
Remote clock offset: -17.384 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 91.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 88.831 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 91.960 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.421 ms
Loss rate: 0.00%

Run 6: Report of SCSReAM — Data Link

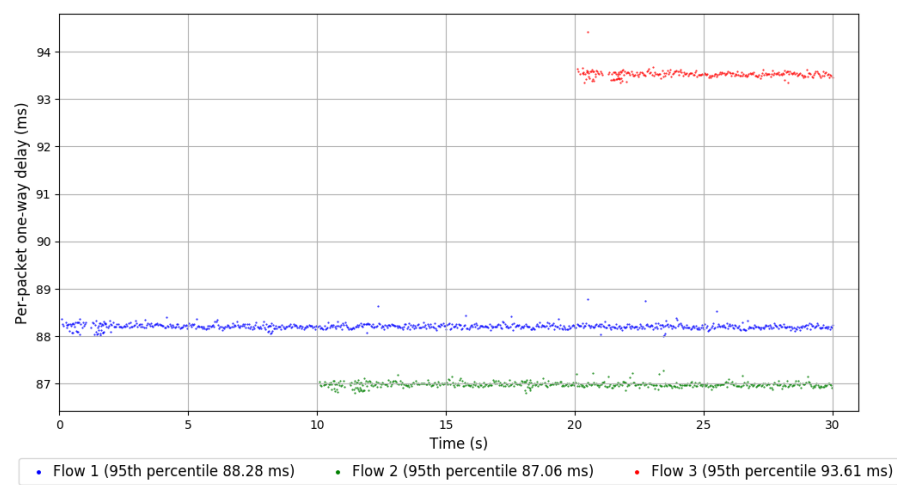
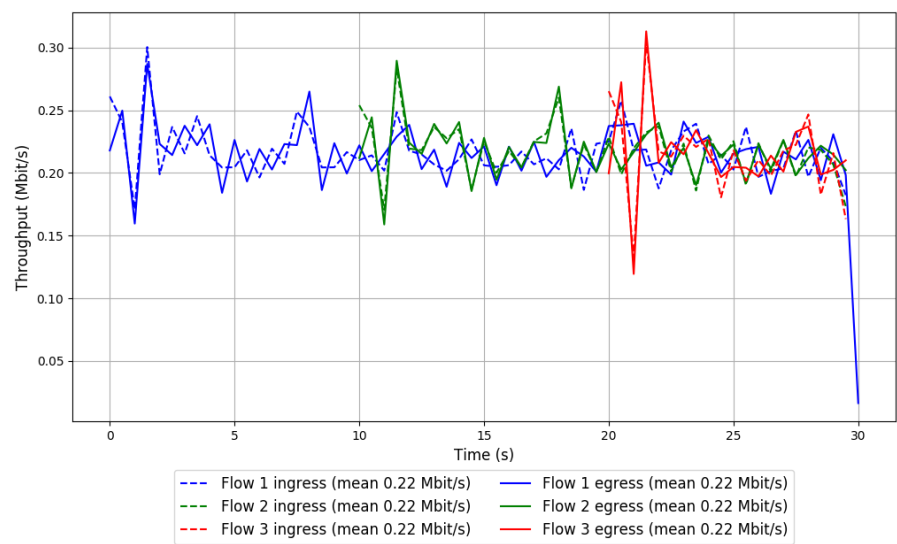


Run 7: Statistics of SReAM

Start at: 2018-01-26 16:22:17
End at: 2018-01-26 16:22:47
Local clock offset: -0.704 ms
Remote clock offset: -16.164 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 93.559 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.283 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.057 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 93.612 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

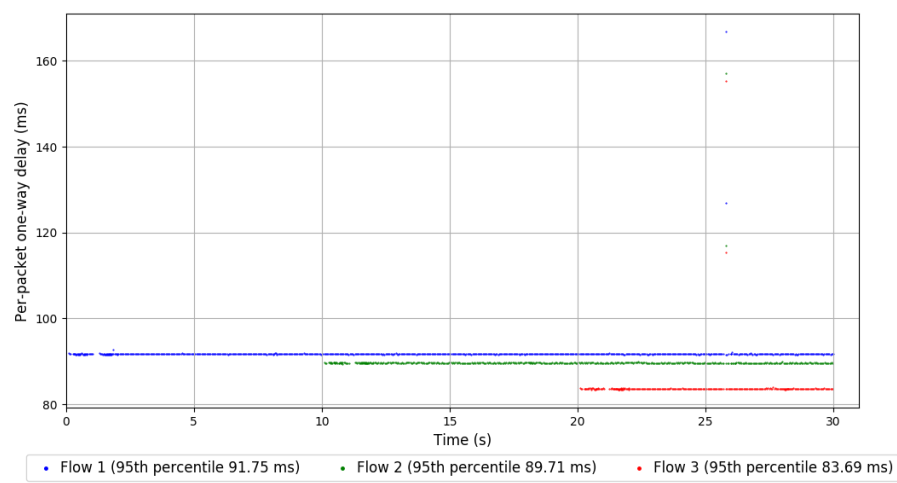
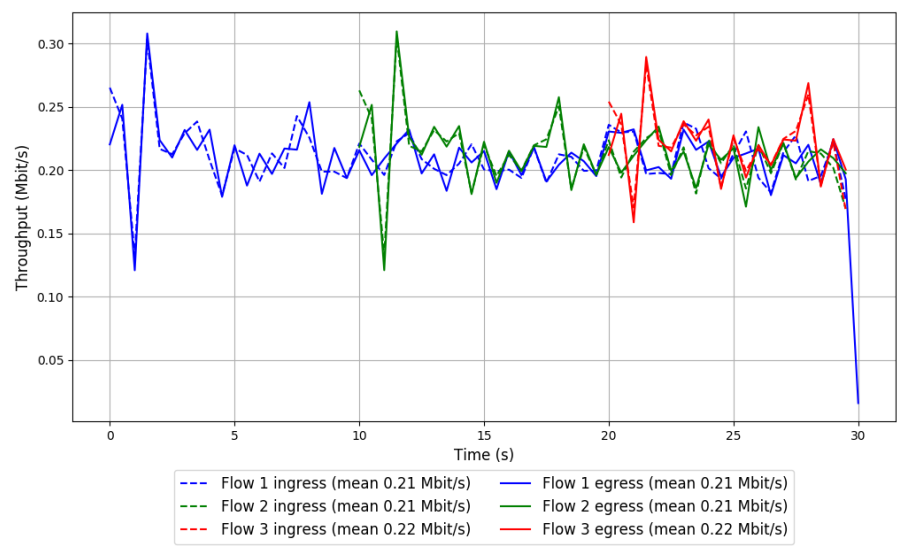


Run 8: Statistics of SReAM

Start at: 2018-01-26 16:43:20
End at: 2018-01-26 16:43:50
Local clock offset: -0.5 ms
Remote clock offset: -18.56 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 91.737 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 91.755 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 89.712 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.686 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

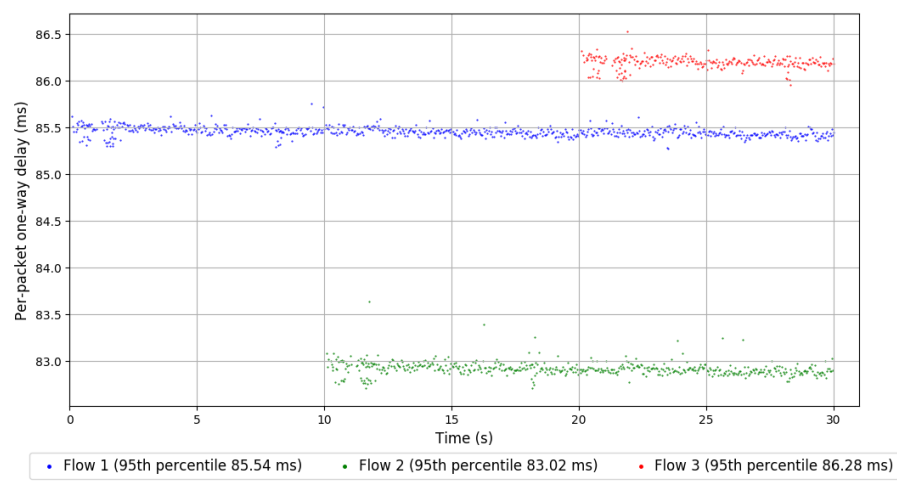
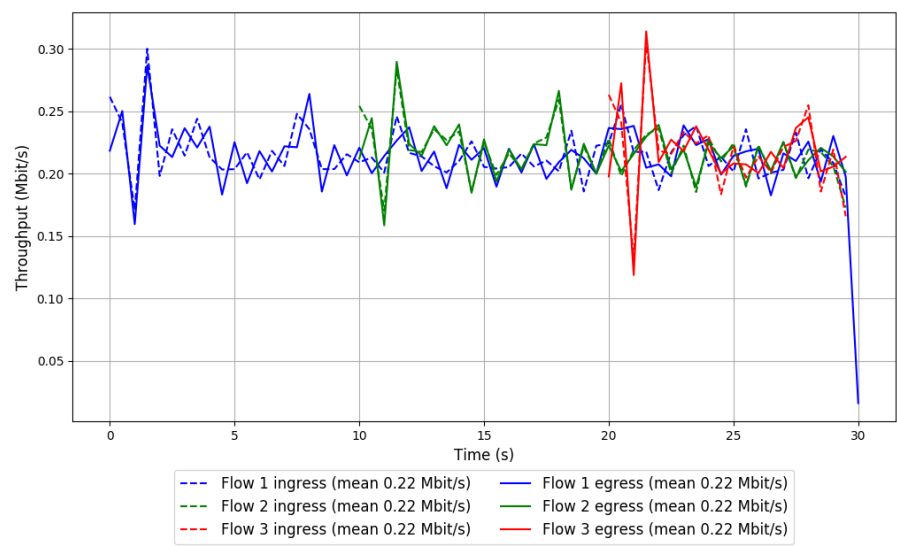


Run 9: Statistics of SReAM

Start at: 2018-01-26 17:04:30
End at: 2018-01-26 17:05:00
Local clock offset: -0.495 ms
Remote clock offset: -16.461 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.230 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.537 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.019 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.277 ms
Loss rate: 0.00%

Run 9: Report of SCReAM — Data Link

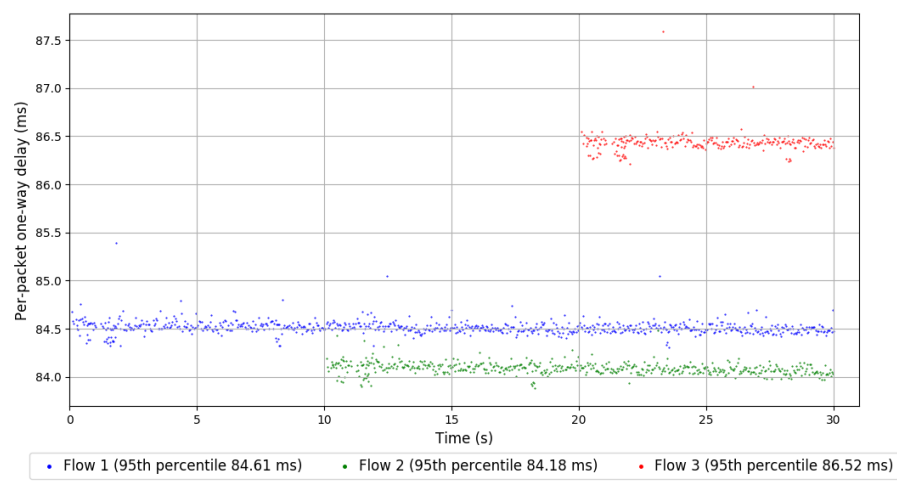
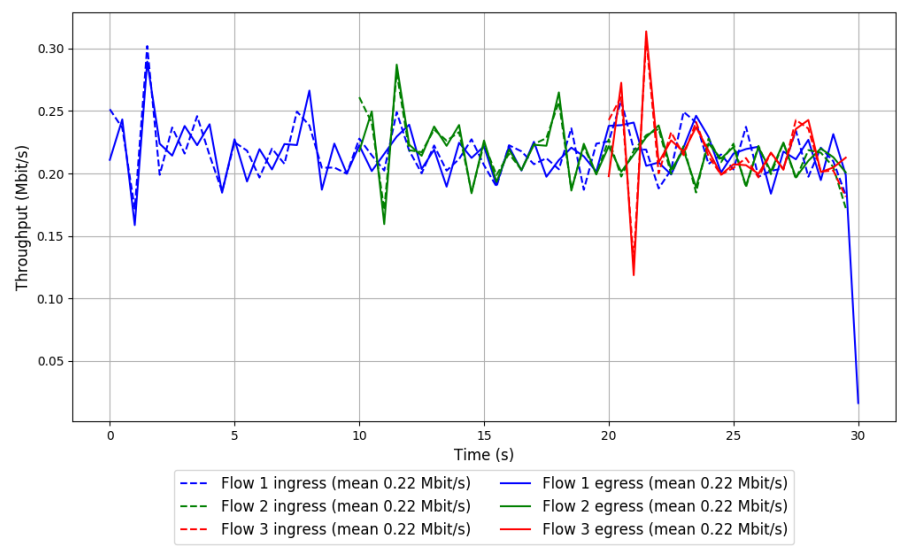


Run 10: Statistics of SReAM

Start at: 2018-01-26 17:25:39
End at: 2018-01-26 17:26:09
Local clock offset: -0.47 ms
Remote clock offset: -12.966 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 86.458 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.613 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.179 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.515 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

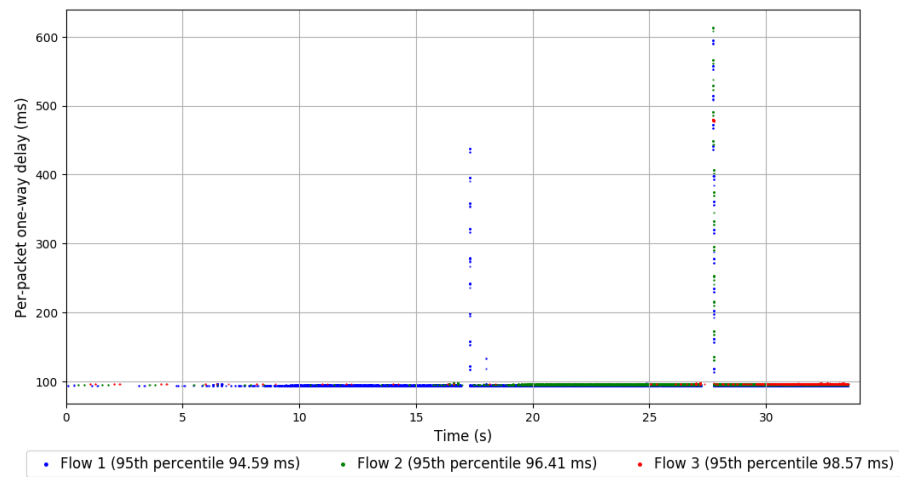
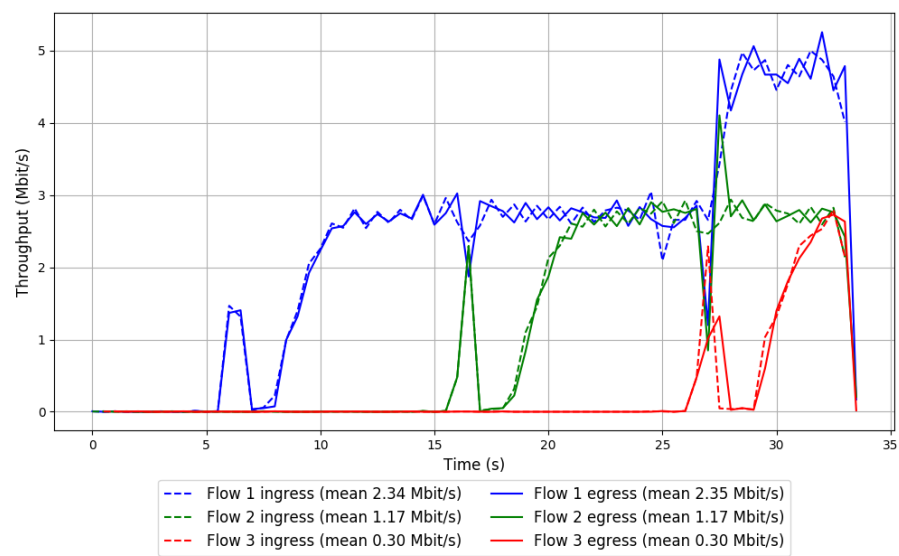


Run 1: Statistics of WebRTC media

Start at: 2018-01-26 14:24:36
End at: 2018-01-26 14:25:06
Local clock offset: 0.06 ms
Remote clock offset: -10.626 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 96.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 94.595 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 96.410 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 98.568 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

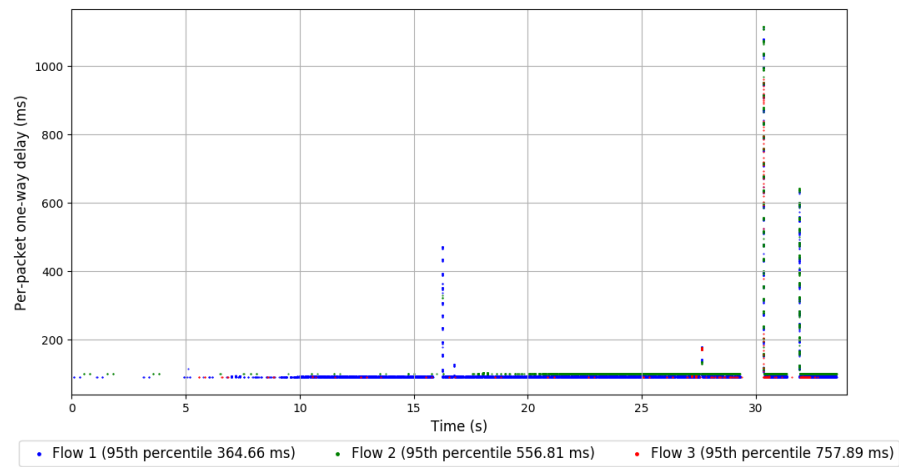
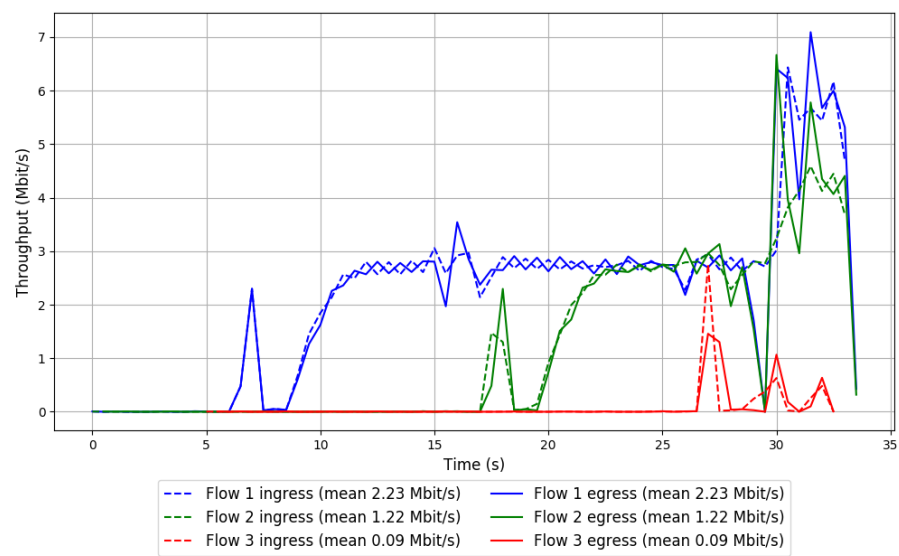


Run 2: Statistics of WebRTC media

Start at: 2018-01-26 14:45:39
End at: 2018-01-26 14:46:09
Local clock offset: 0.107 ms
Remote clock offset: -11.529 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 446.300 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 364.657 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 556.812 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 757.886 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

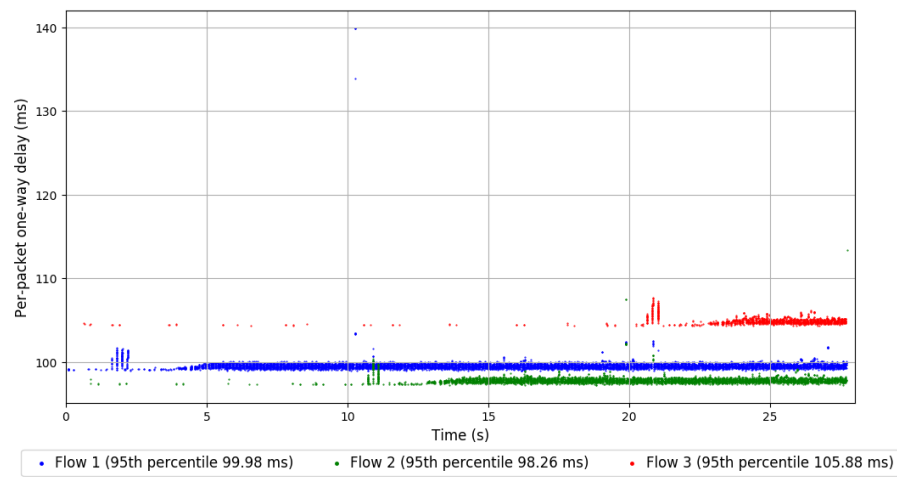
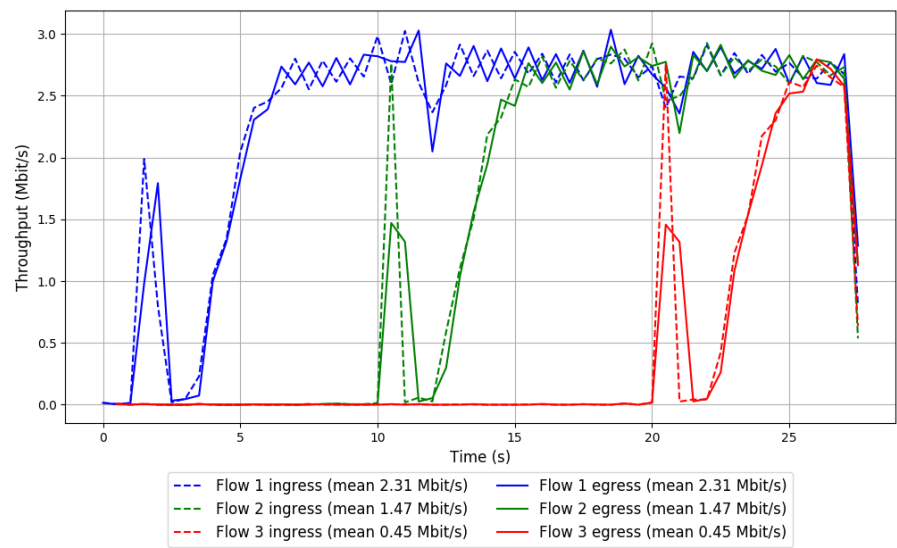


Run 3: Statistics of WebRTC media

Start at: 2018-01-26 15:06:52
End at: 2018-01-26 15:07:22
Local clock offset: -0.134 ms
Remote clock offset: -5.493 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 104.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 99.983 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 98.262 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 105.876 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

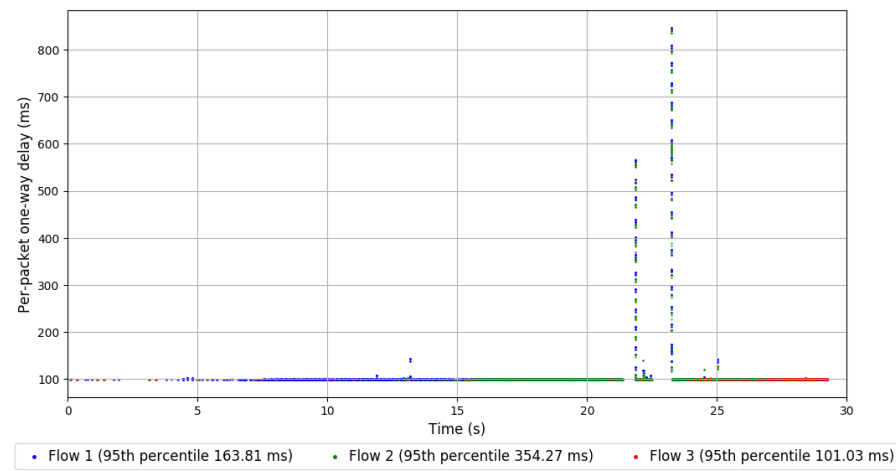
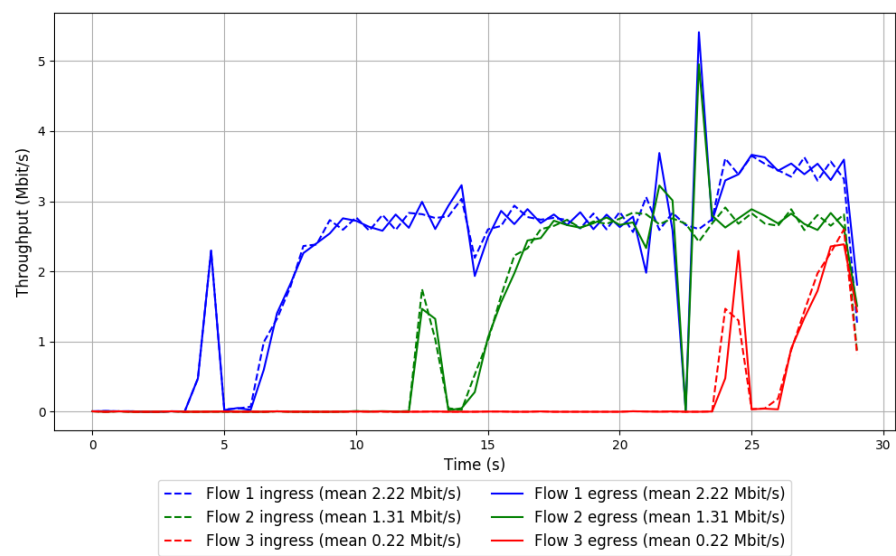


Run 4: Statistics of WebRTC media

Start at: 2018-01-26 15:28:04
End at: 2018-01-26 15:28:34
Local clock offset: -0.42 ms
Remote clock offset: -5.552 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 211.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 163.810 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 354.271 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.031 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

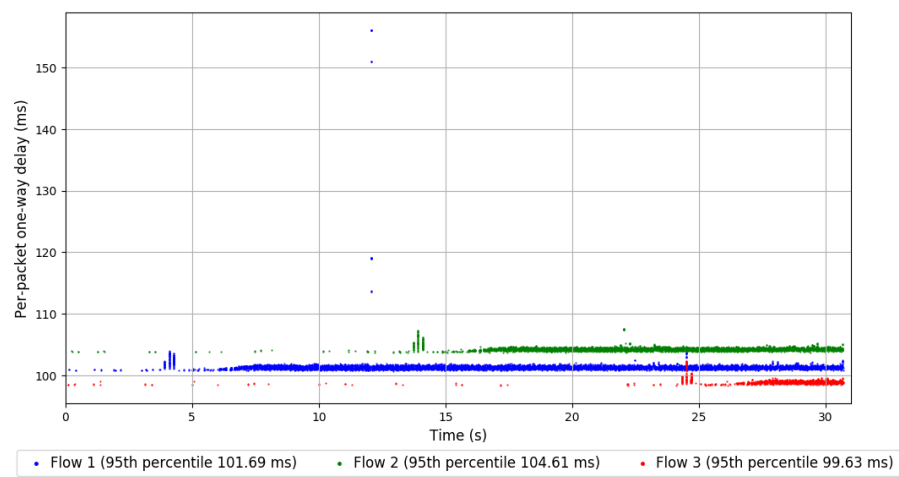
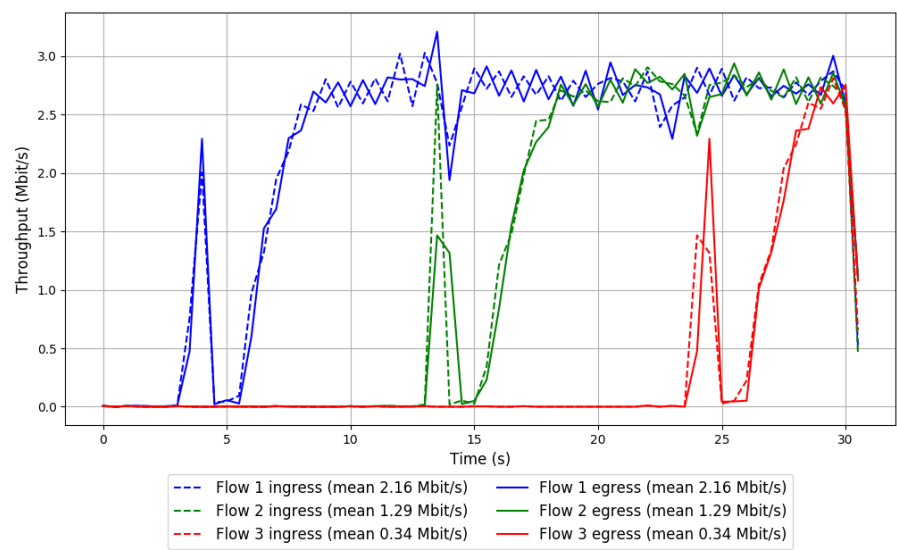


Run 5: Statistics of WebRTC media

Start at: 2018-01-26 15:49:21
End at: 2018-01-26 15:49:51
Local clock offset: -0.628 ms
Remote clock offset: -5.259 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 104.462 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 101.691 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 104.609 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 99.631 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

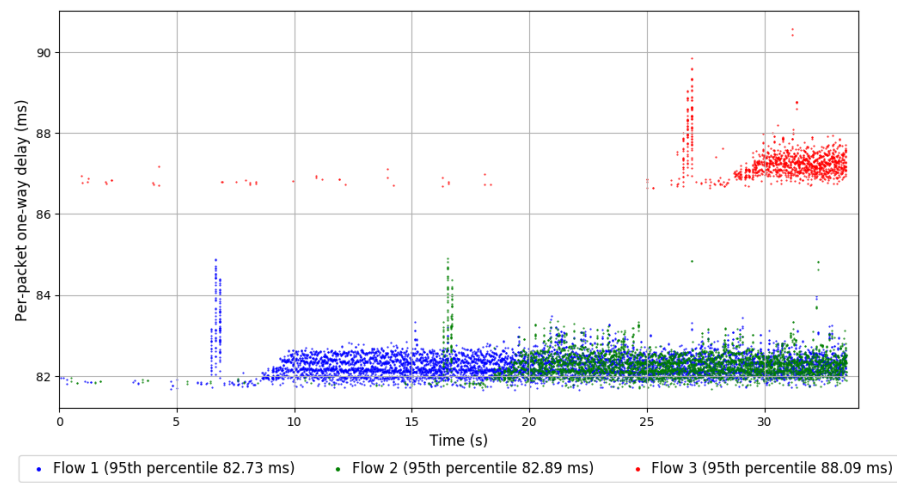
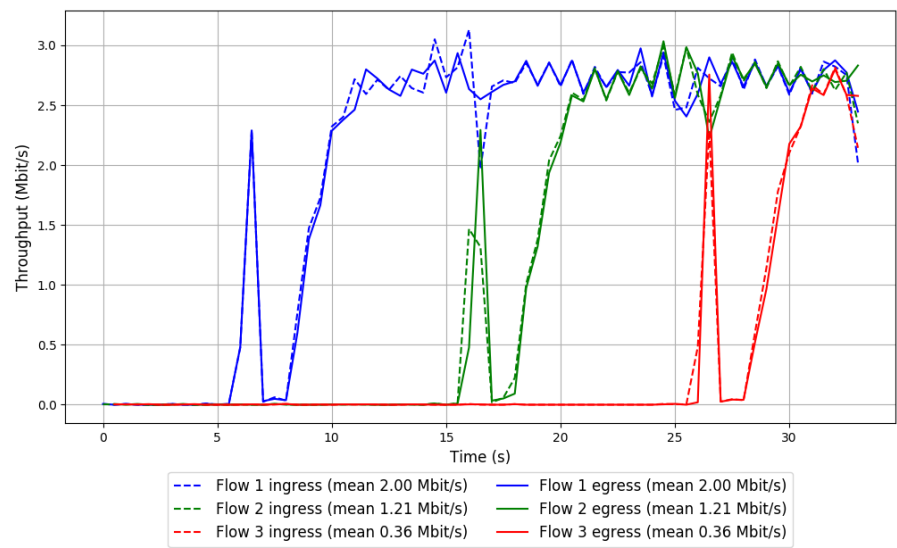


Run 6: Statistics of WebRTC media

Start at: 2018-01-26 16:10:28
End at: 2018-01-26 16:10:58
Local clock offset: -0.701 ms
Remote clock offset: -21.896 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 87.241 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 82.734 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 82.886 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 88.094 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

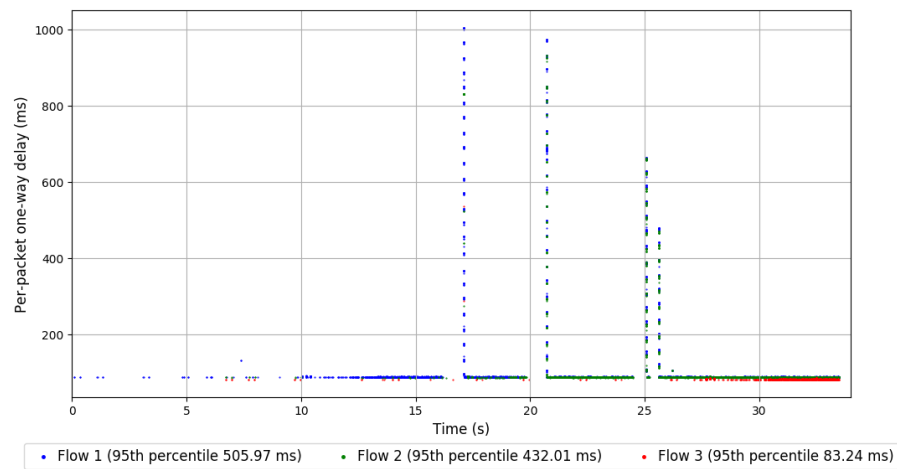
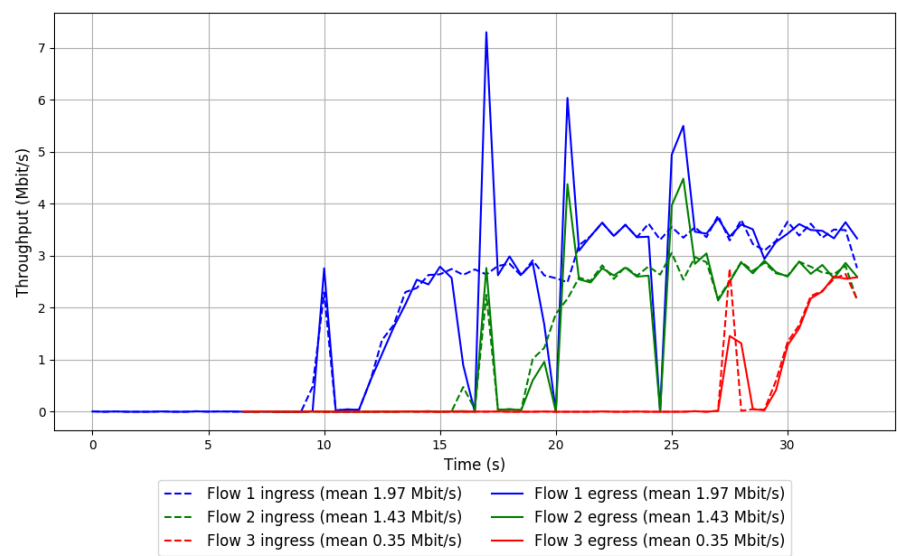


Run 7: Statistics of WebRTC media

Start at: 2018-01-26 16:31:28
End at: 2018-01-26 16:31:58
Local clock offset: -0.635 ms
Remote clock offset: -19.332 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 456.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 505.968 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 432.007 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 83.243 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

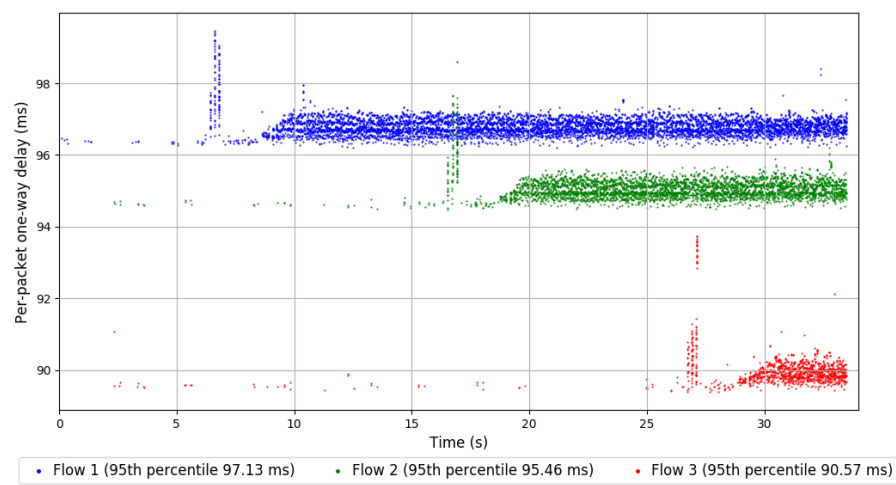
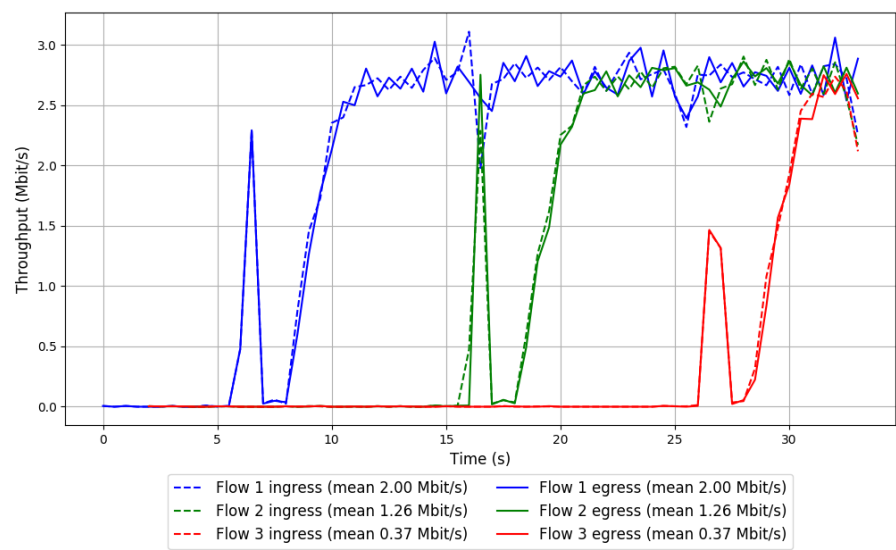


Run 8: Statistics of WebRTC media

Start at: 2018-01-26 16:52:32
End at: 2018-01-26 16:53:02
Local clock offset: -0.486 ms
Remote clock offset: -13.28 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 97.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 97.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 95.460 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 90.567 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

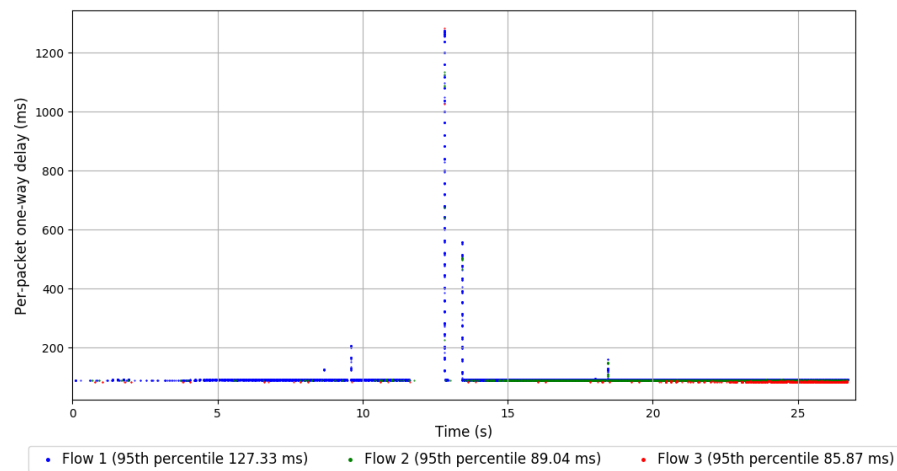
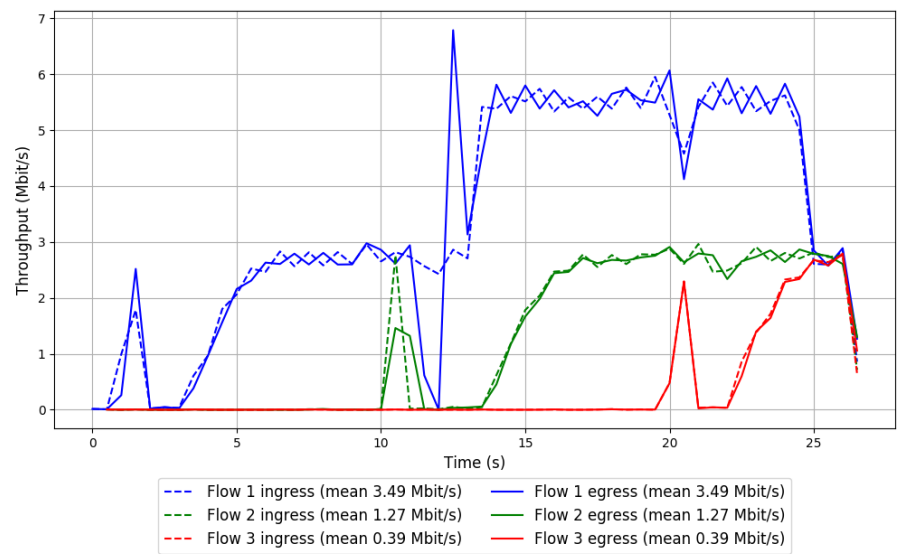


Run 9: Statistics of WebRTC media

Start at: 2018-01-26 17:13:43
End at: 2018-01-26 17:14:13
Local clock offset: -0.457 ms
Remote clock offset: -15.761 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 91.751 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 127.329 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 89.036 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 85.866 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-01-26 17:34:51

End at: 2018-01-26 17:35:21

Local clock offset: -0.51 ms

Remote clock offset: -6.92 ms

Below is generated by plot.py at 2018-01-26 18:06:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.53 Mbit/s

95th percentile per-packet one-way delay: 97.087 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 88.574 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 97.629 ms

Loss rate: 0.00%

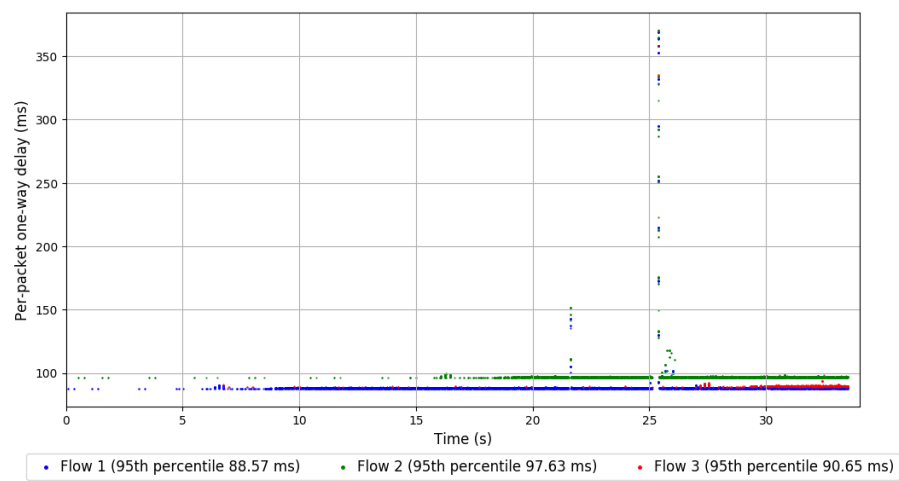
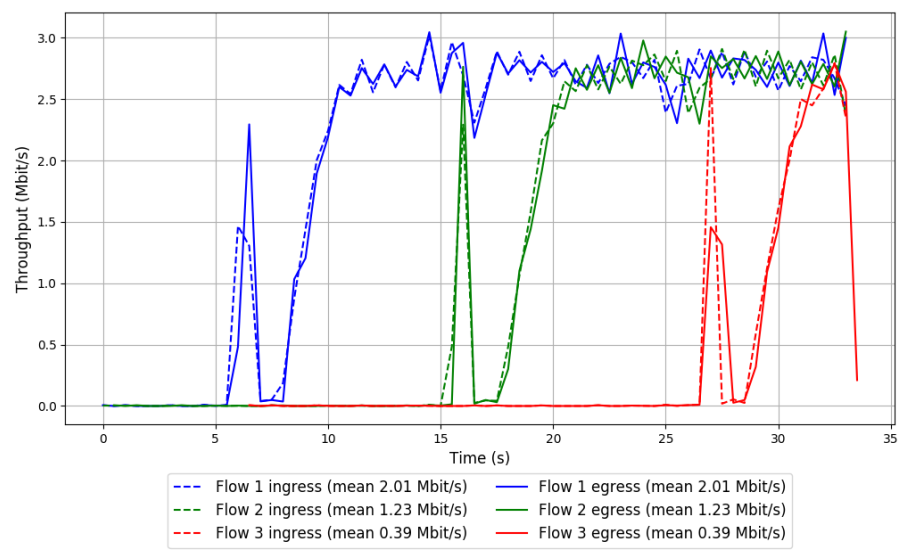
-- Flow 3:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 90.651 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

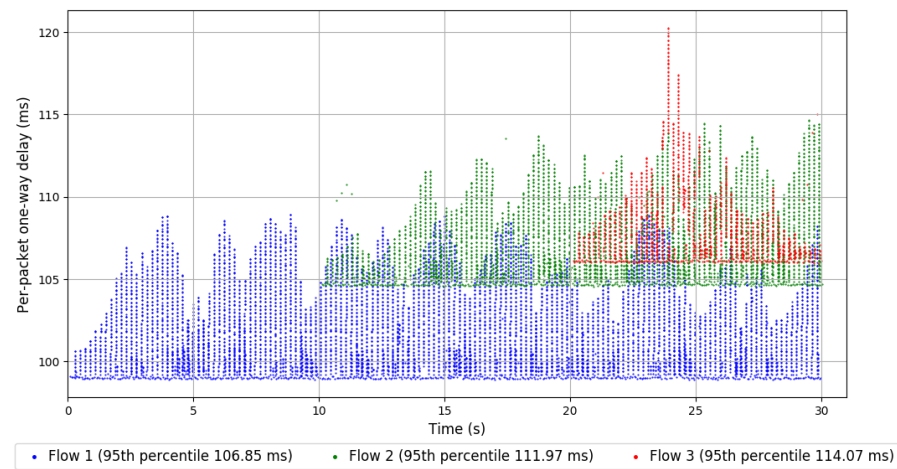
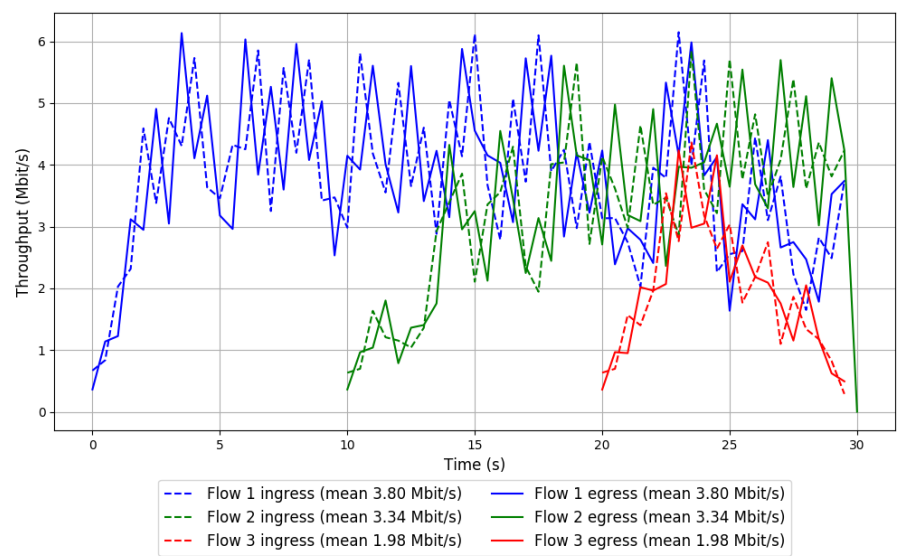


Run 1: Statistics of Sprout

Start at: 2018-01-26 14:28:30
End at: 2018-01-26 14:29:00
Local clock offset: 0.031 ms
Remote clock offset: -5.013 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 110.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 106.850 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.34 Mbit/s
95th percentile per-packet one-way delay: 111.975 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 114.069 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

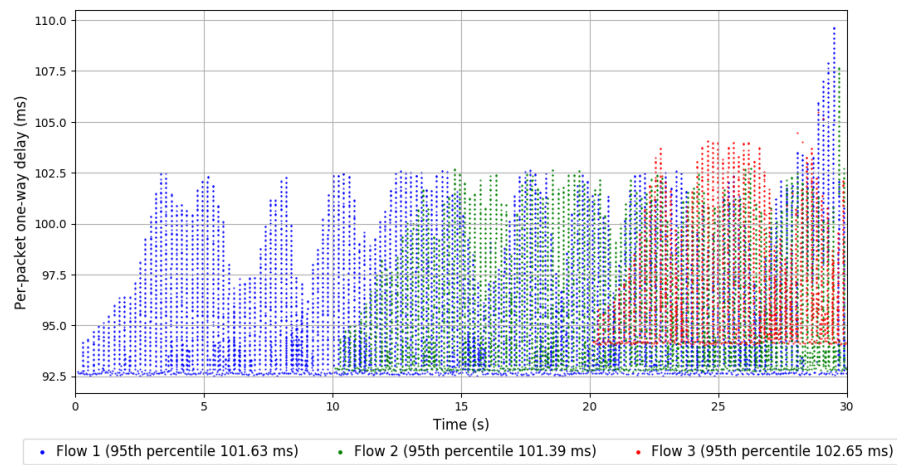
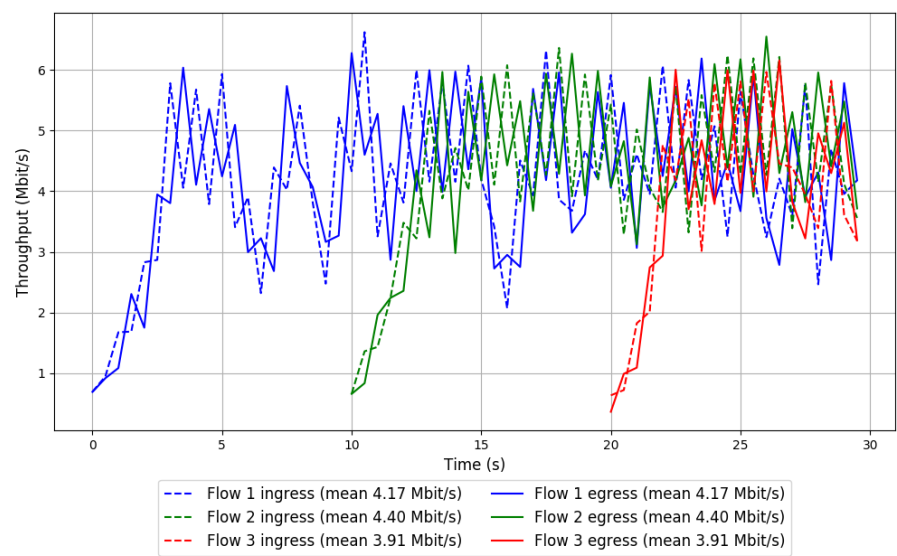


Run 2: Statistics of Sprout

Start at: 2018-01-26 14:49:39
End at: 2018-01-26 14:50:09
Local clock offset: 0.05 ms
Remote clock offset: -10.736 ms

```
# Below is generated by plot.py at 2018-01-26 18:06:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.38 Mbit/s
95th percentile per-packet one-way delay: 101.687 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 101.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 101.389 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 102.651 ms
Loss rate: 0.00%
```


Run 2: Report of Sprout — Data Link

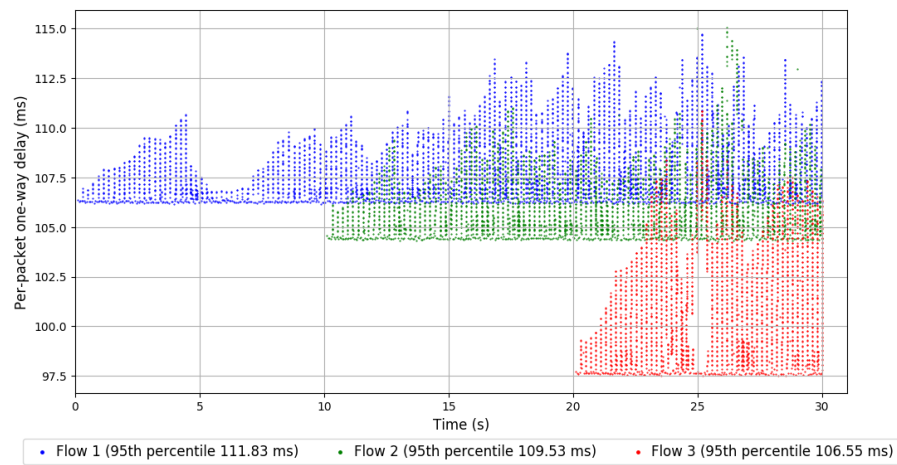
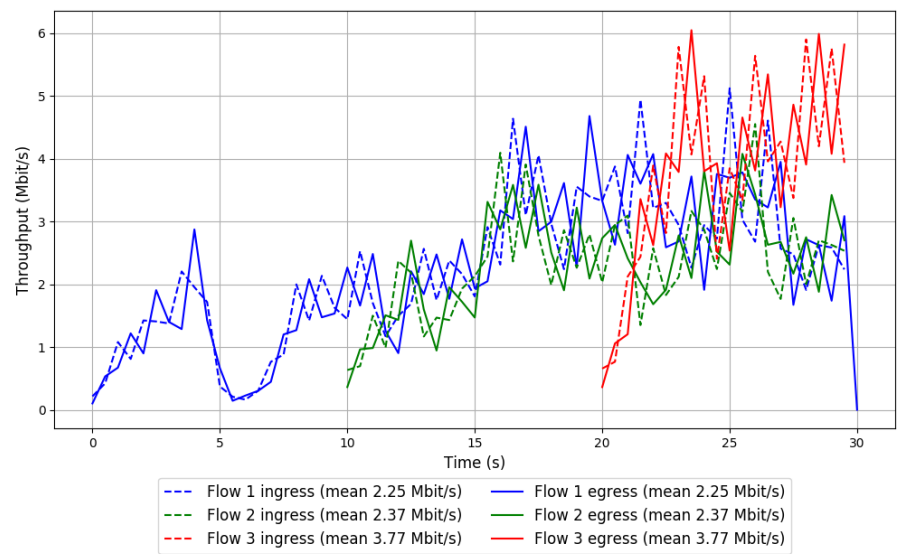


Run 3: Statistics of Sprout

Start at: 2018-01-26 15:10:49
End at: 2018-01-26 15:11:19
Local clock offset: -0.177 ms
Remote clock offset: -5.291 ms

```
# Below is generated by plot.py at 2018-01-26 18:06:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.07 Mbit/s
95th percentile per-packet one-way delay: 110.909 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 111.827 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 109.529 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 106.550 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

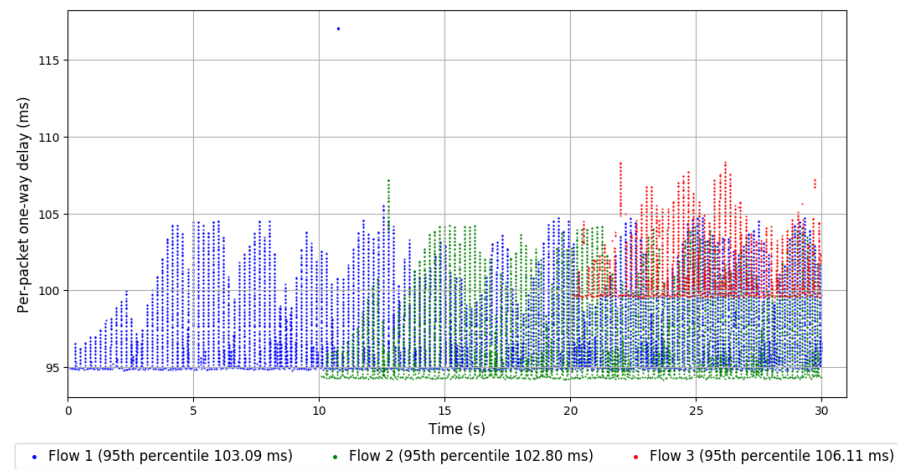
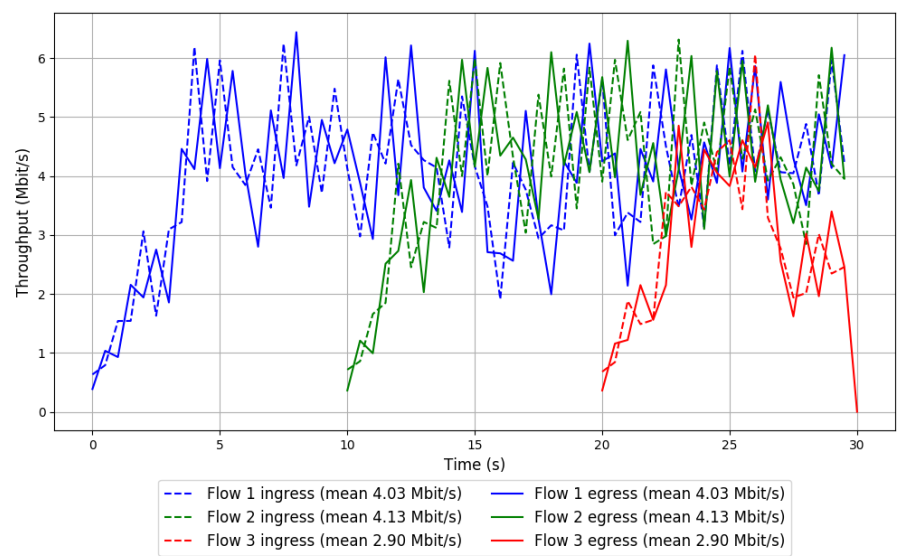


Run 4: Statistics of Sprout

Start at: 2018-01-26 15:32:02
End at: 2018-01-26 15:32:32
Local clock offset: -0.384 ms
Remote clock offset: -10.581 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.73 Mbit/s
95th percentile per-packet one-way delay: 103.645 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 103.089 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 102.801 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 106.106 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

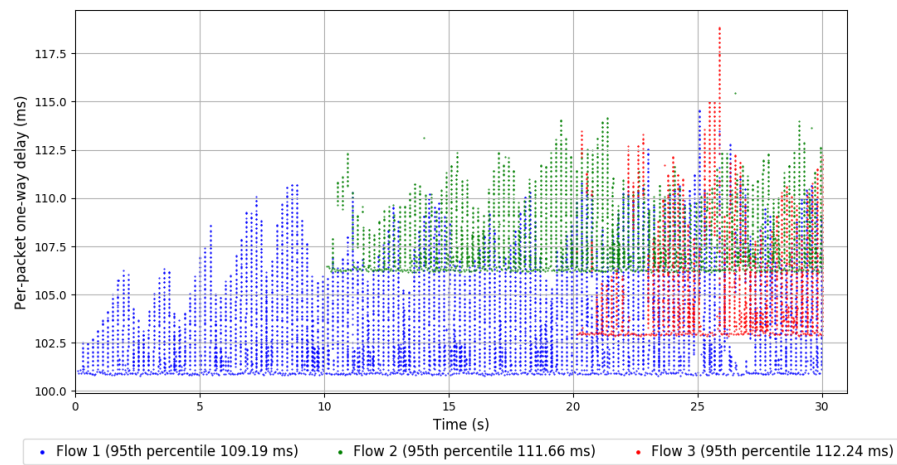
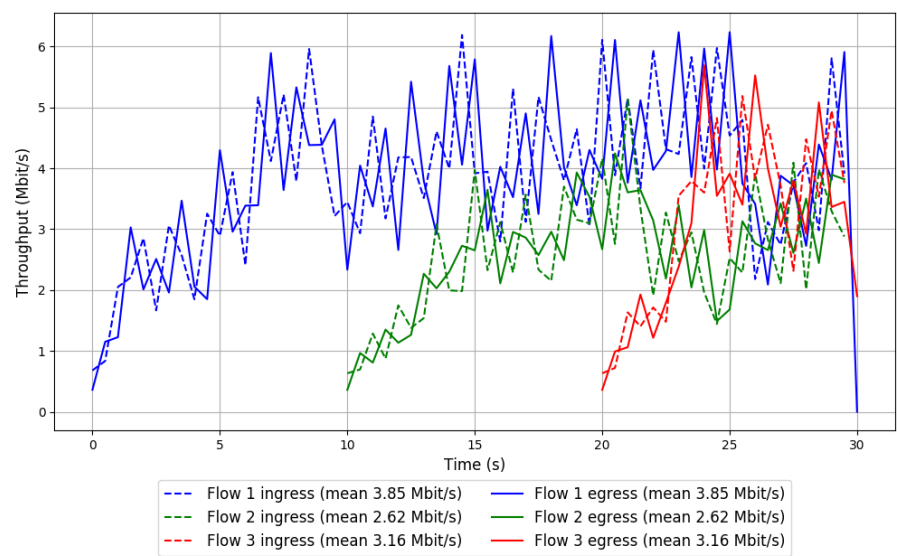


Run 5: Statistics of Sprout

Start at: 2018-01-26 15:53:19
End at: 2018-01-26 15:53:49
Local clock offset: -0.579 ms
Remote clock offset: -6.184 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 110.877 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 109.188 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 111.660 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.16 Mbit/s
95th percentile per-packet one-way delay: 112.240 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

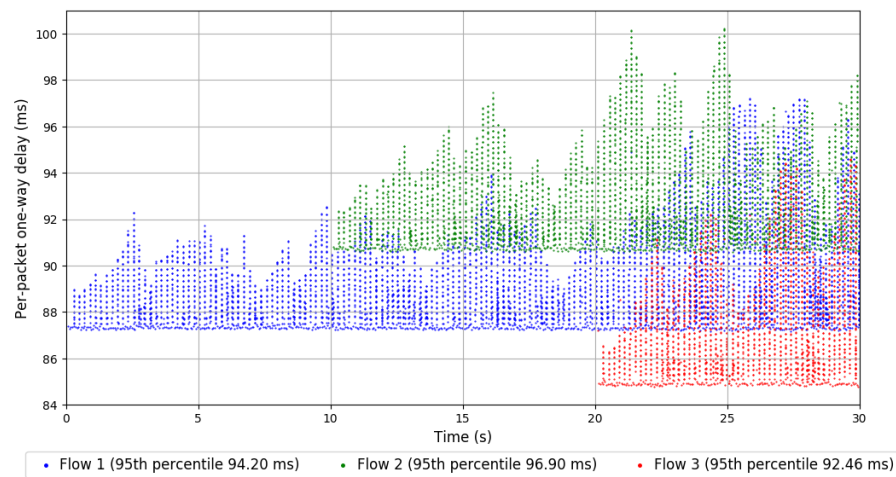
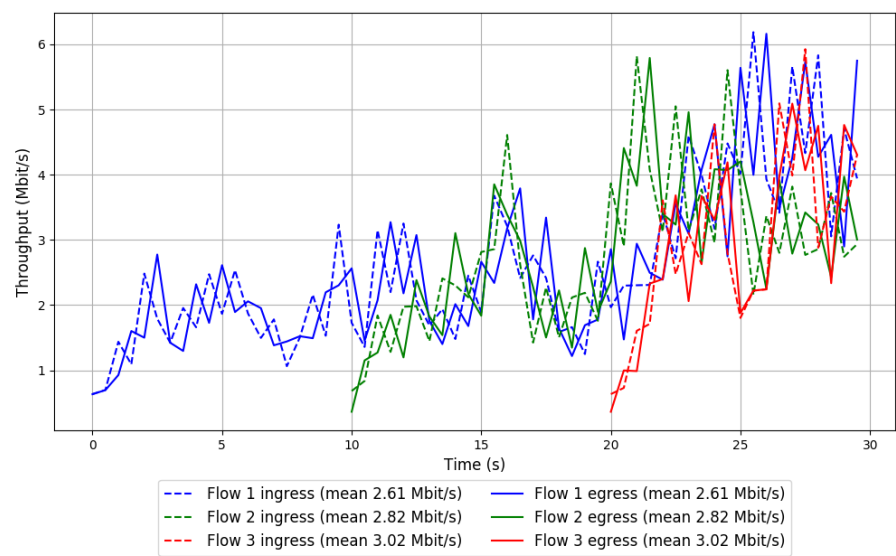


Run 6: Statistics of Sprout

Start at: 2018-01-26 16:14:24
End at: 2018-01-26 16:14:54
Local clock offset: -0.694 ms
Remote clock offset: -21.679 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 95.618 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 94.201 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 96.899 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 92.462 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

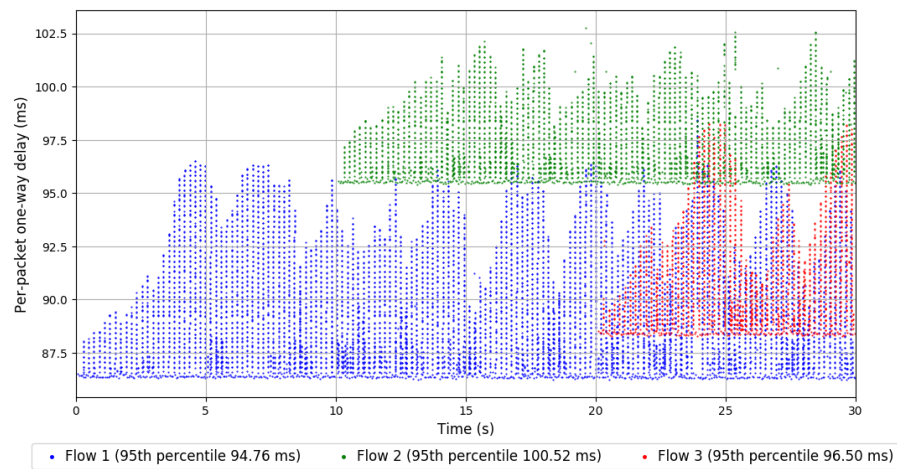
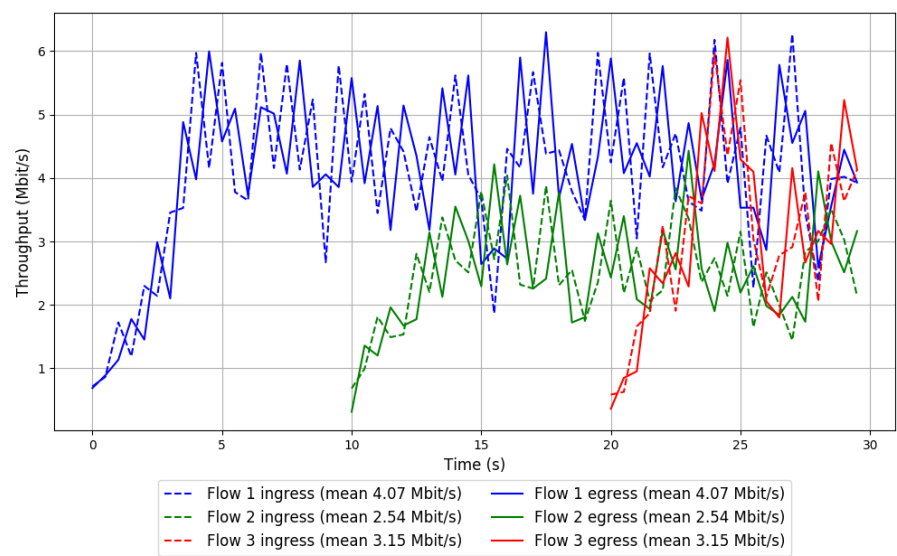


Run 7: Statistics of Sprout

Start at: 2018-01-26 16:35:26
End at: 2018-01-26 16:35:56
Local clock offset: -0.598 ms
Remote clock offset: -15.094 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.79 Mbit/s
95th percentile per-packet one-way delay: 99.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 94.763 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 100.520 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.15 Mbit/s
95th percentile per-packet one-way delay: 96.501 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

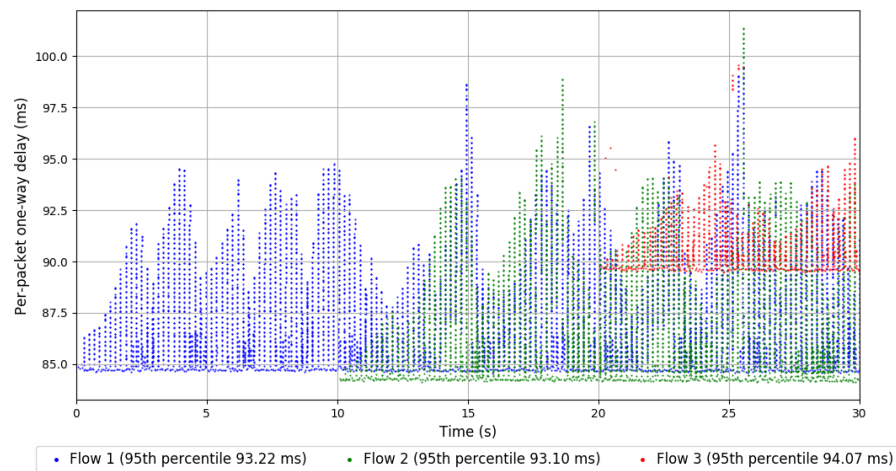
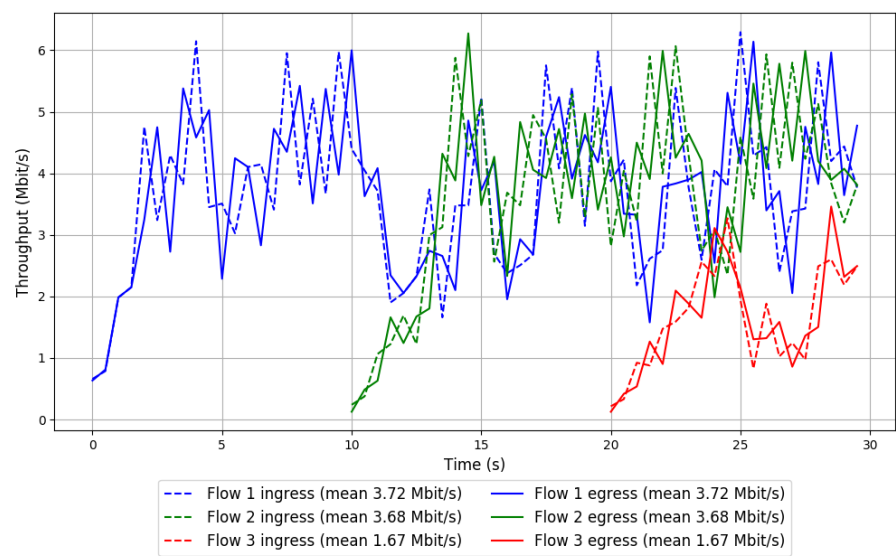


Run 8: Statistics of Sprout

Start at: 2018-01-26 16:56:29
End at: 2018-01-26 16:56:59
Local clock offset: -0.491 ms
Remote clock offset: -17.944 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.71 Mbit/s
95th percentile per-packet one-way delay: 93.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 93.225 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.68 Mbit/s
95th percentile per-packet one-way delay: 93.103 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.67 Mbit/s
95th percentile per-packet one-way delay: 94.073 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

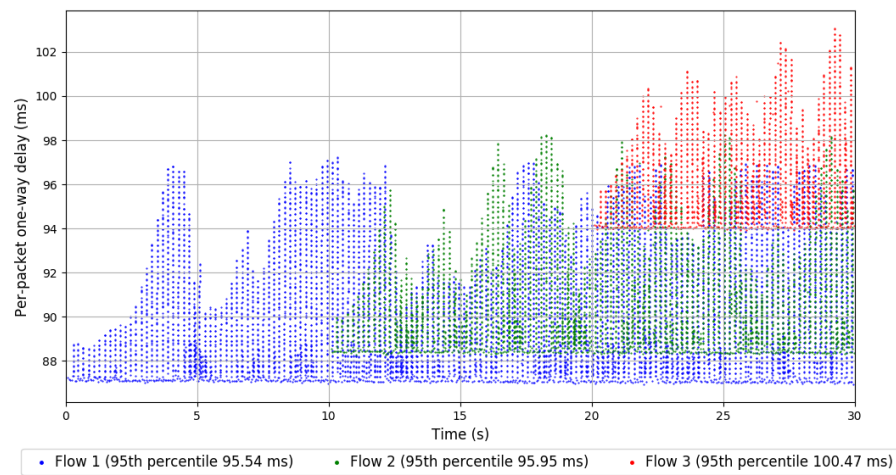
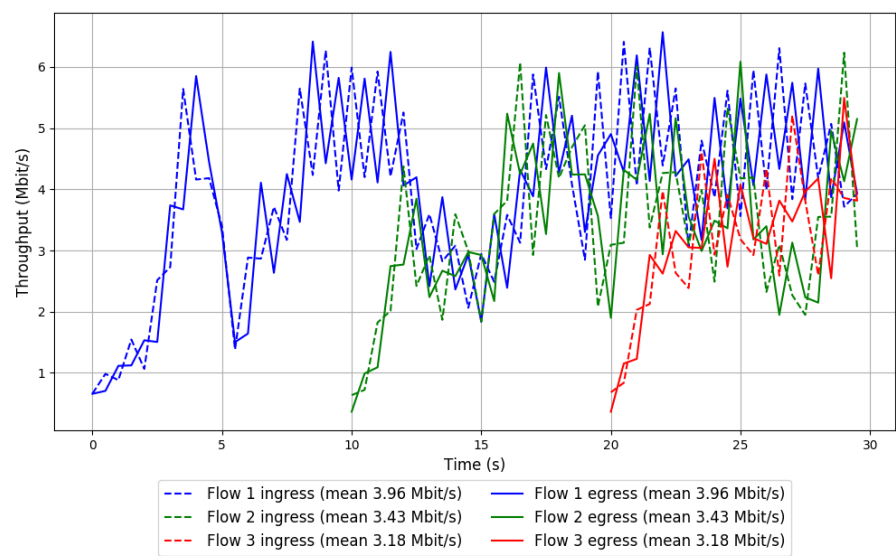


Run 9: Statistics of Sprout

Start at: 2018-01-26 17:17:41
End at: 2018-01-26 17:18:11
Local clock offset: -0.437 ms
Remote clock offset: -9.248 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 97.463 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 95.537 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 95.953 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.18 Mbit/s
95th percentile per-packet one-way delay: 100.469 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

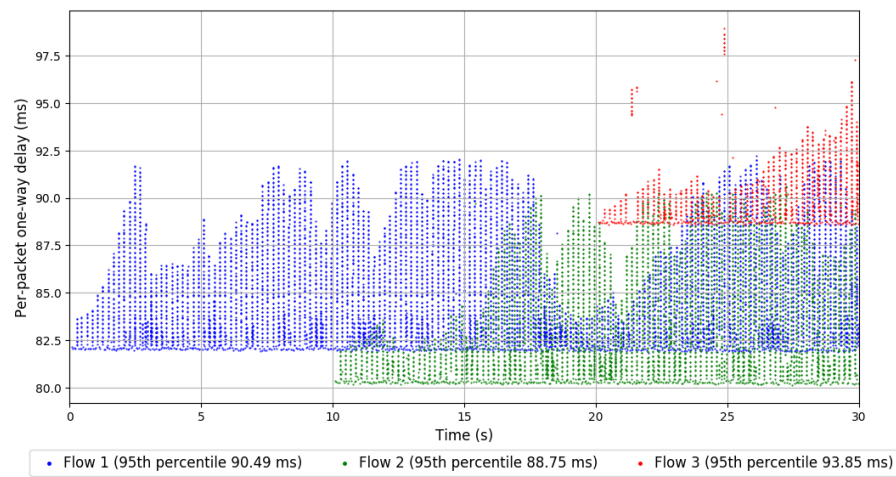
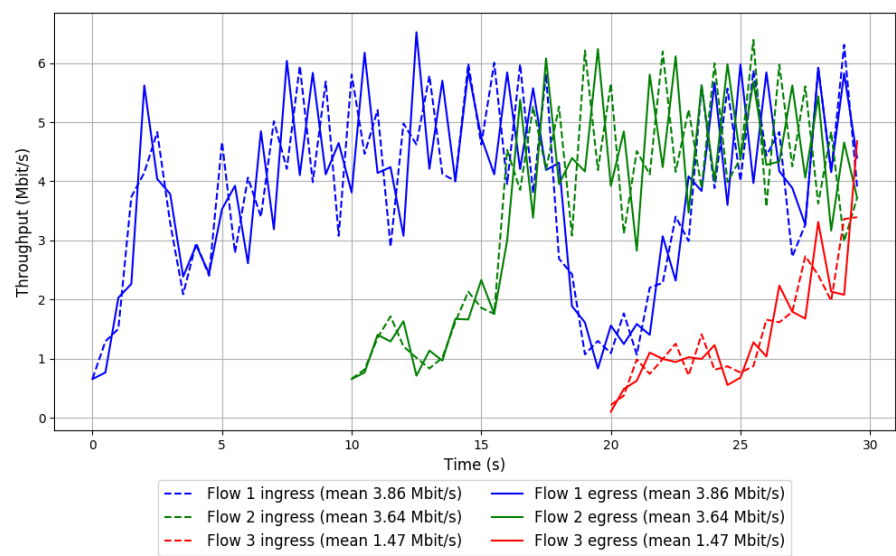


Run 10: Statistics of Sprout

Start at: 2018-01-26 17:38:50
End at: 2018-01-26 17:39:20
Local clock offset: -0.483 ms
Remote clock offset: -12.085 ms

Below is generated by plot.py at 2018-01-26 18:06:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.76 Mbit/s
95th percentile per-packet one-way delay: 90.710 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 90.492 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 88.748 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 93.854 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

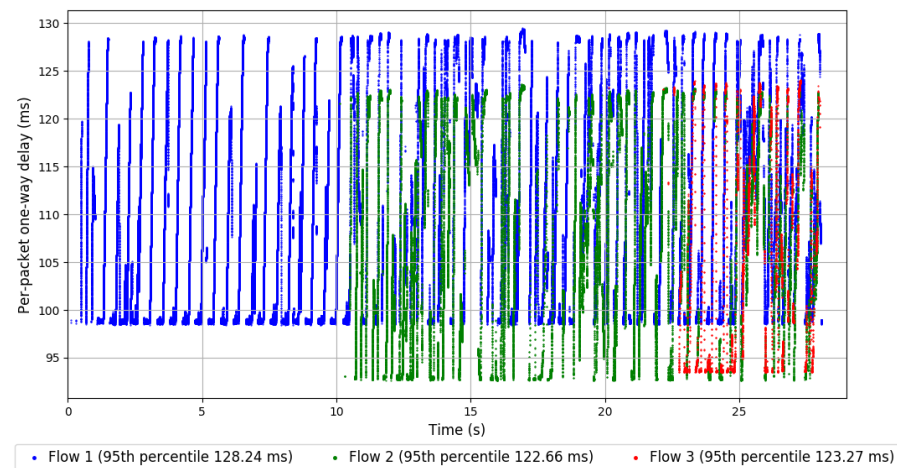
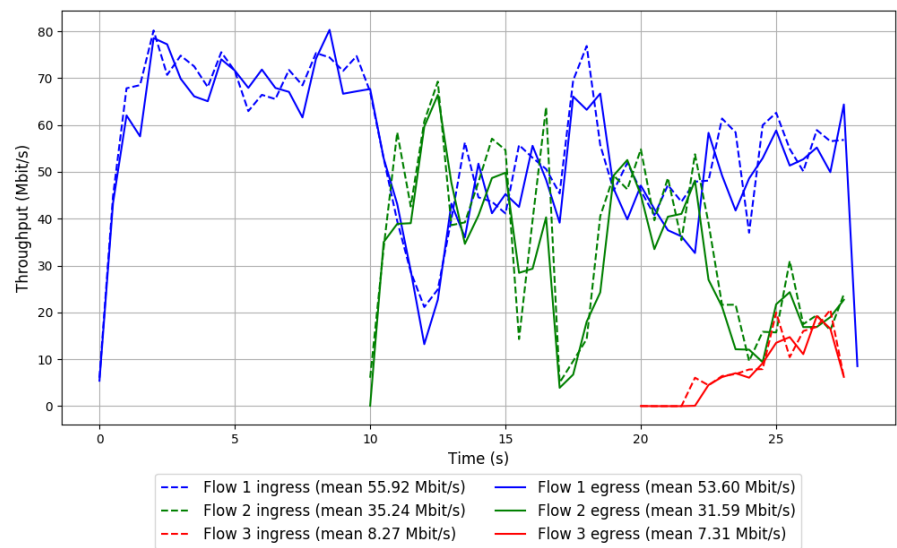


Run 1: Statistics of TaoVA-100x

Start at: 2018-01-26 14:17:56
End at: 2018-01-26 14:18:26
Local clock offset: -0.004 ms
Remote clock offset: -10.37 ms

Below is generated by plot.py at 2018-01-26 18:08:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 128.041 ms
Loss rate: 6.10%
-- Flow 1:
Average throughput: 53.60 Mbit/s
95th percentile per-packet one-way delay: 128.240 ms
Loss rate: 4.16%
-- Flow 2:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 122.661 ms
Loss rate: 10.36%
-- Flow 3:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 123.266 ms
Loss rate: 11.74%

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

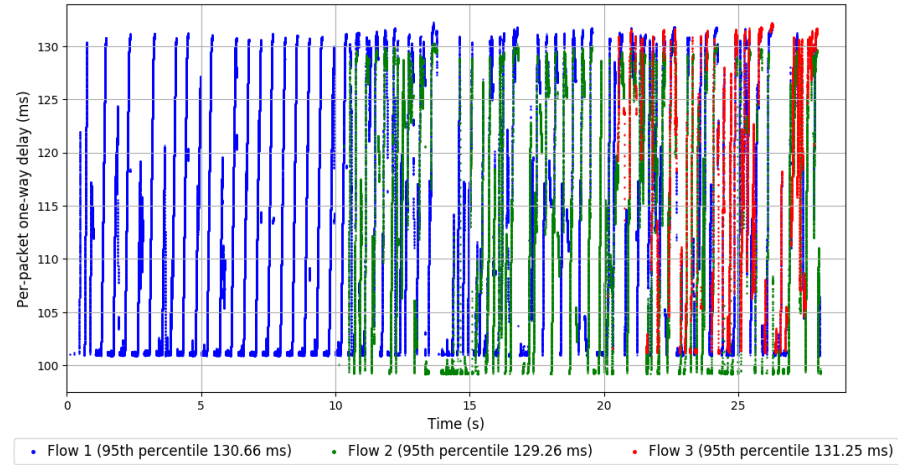
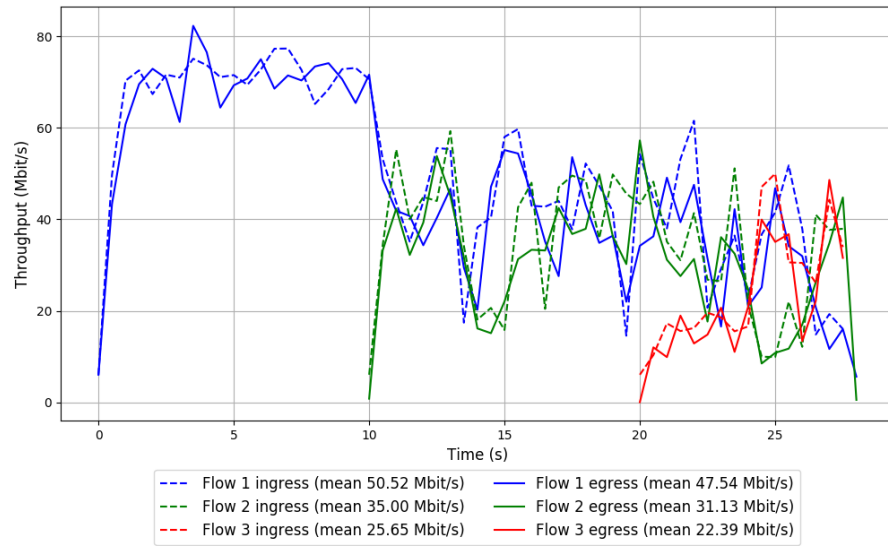


Run 2: Statistics of TaoVA-100x

Start at: 2018-01-26 14:39:01
End at: 2018-01-26 14:39:31
Local clock offset: 0.103 ms
Remote clock offset: -5.478 ms

Below is generated by plot.py at 2018-01-26 18:08:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.74 Mbit/s
95th percentile per-packet one-way delay: 130.589 ms
Loss rate: 7.93%
-- Flow 1:
Average throughput: 47.54 Mbit/s
95th percentile per-packet one-way delay: 130.659 ms
Loss rate: 5.90%
-- Flow 2:
Average throughput: 31.13 Mbit/s
95th percentile per-packet one-way delay: 129.256 ms
Loss rate: 11.06%
-- Flow 3:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 131.246 ms
Loss rate: 12.43%

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

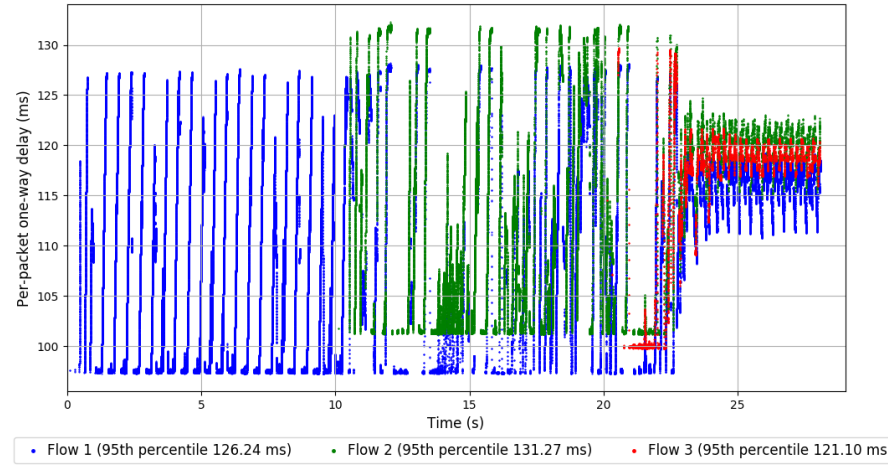
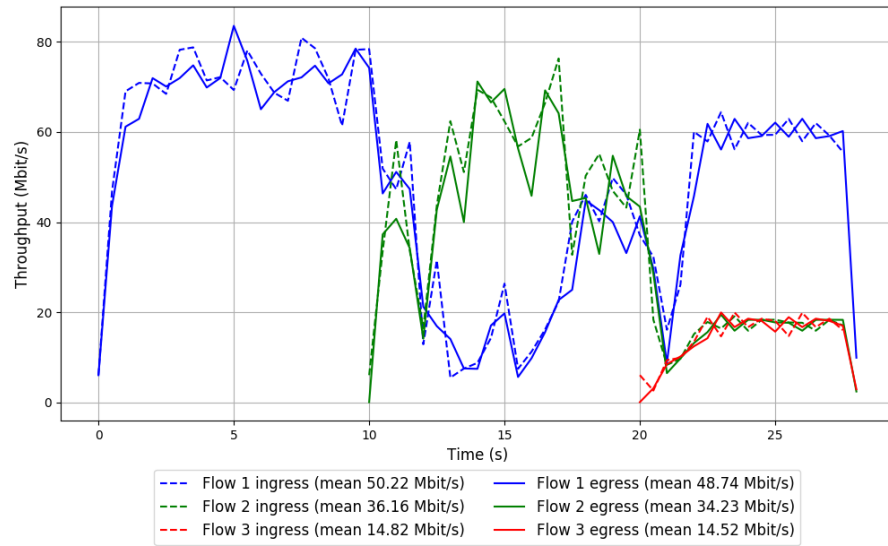


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-26 15:00:11
End at: 2018-01-26 15:00:41
Local clock offset: 0.016 ms
Remote clock offset: -10.604 ms

Below is generated by plot.py at 2018-01-26 18:08:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.79 Mbit/s
95th percentile per-packet one-way delay: 127.090 ms
Loss rate: 3.53%
-- Flow 1:
Average throughput: 48.74 Mbit/s
95th percentile per-packet one-way delay: 126.240 ms
Loss rate: 2.88%
-- Flow 2:
Average throughput: 34.23 Mbit/s
95th percentile per-packet one-way delay: 131.266 ms
Loss rate: 5.23%
-- Flow 3:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 121.101 ms
Loss rate: 1.91%

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

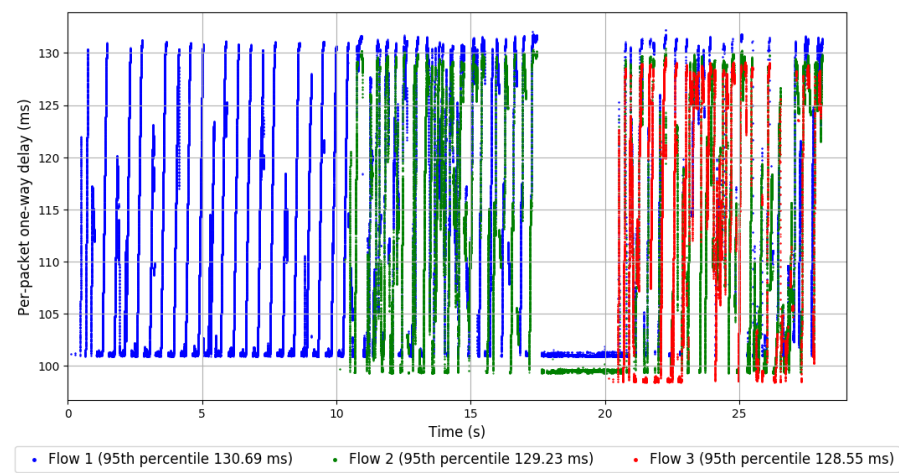
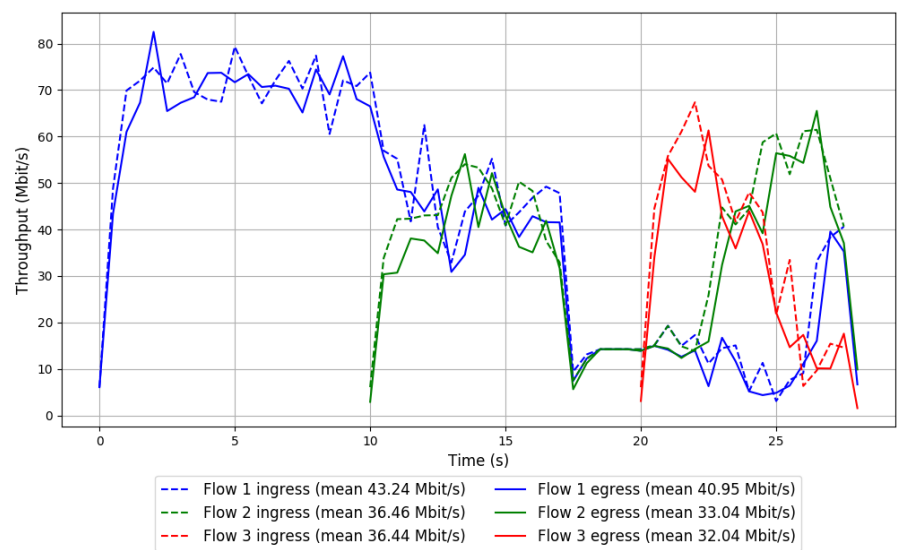


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-26 15:21:24
End at: 2018-01-26 15:21:54
Local clock offset: -0.309 ms
Remote clock offset: -6.483 ms

Below is generated by plot.py at 2018-01-26 18:08:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.21 Mbit/s
95th percentile per-packet one-way delay: 130.305 ms
Loss rate: 7.32%
-- Flow 1:
Average throughput: 40.95 Mbit/s
95th percentile per-packet one-way delay: 130.690 ms
Loss rate: 5.21%
-- Flow 2:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 129.228 ms
Loss rate: 9.23%
-- Flow 3:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 128.549 ms
Loss rate: 11.81%

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

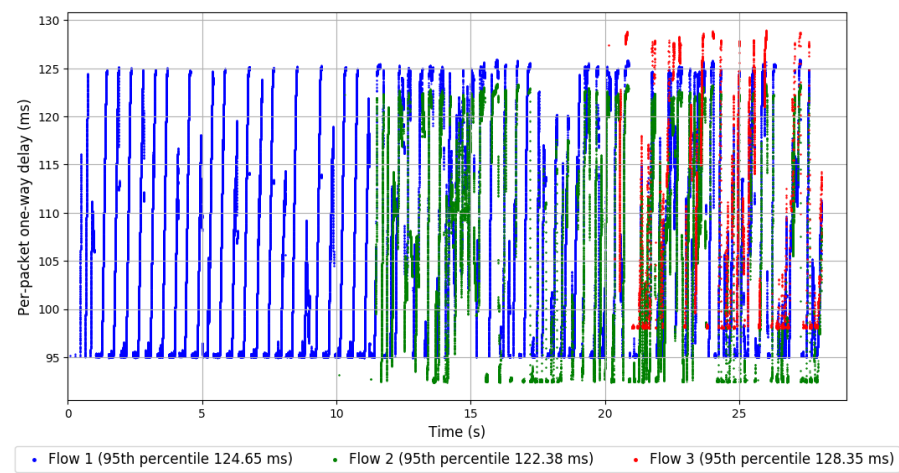
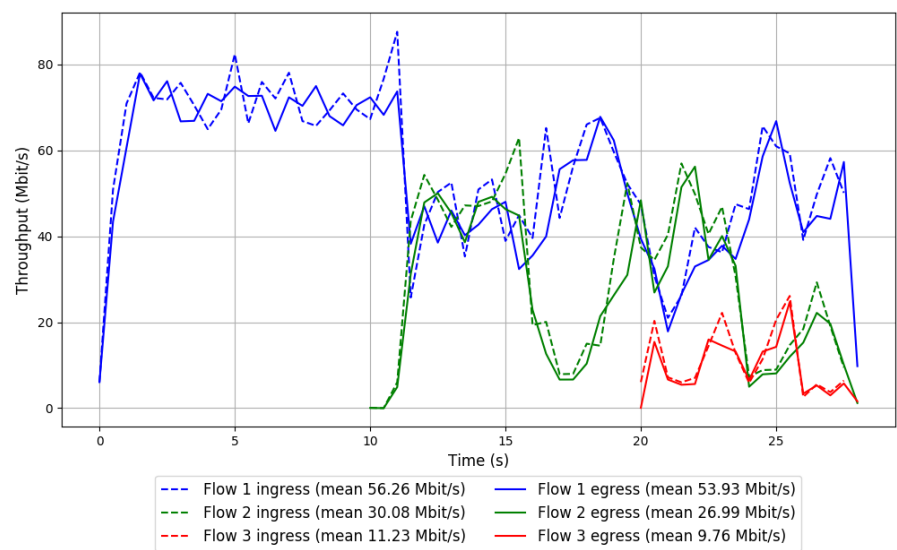


Run 5: Statistics of TaoVA-100x

Start at: 2018-01-26 15:42:40
End at: 2018-01-26 15:43:10
Local clock offset: -0.57 ms
Remote clock offset: -10.984 ms

Below is generated by plot.py at 2018-01-26 18:08:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.03 Mbit/s
95th percentile per-packet one-way delay: 124.580 ms
Loss rate: 5.97%
-- Flow 1:
Average throughput: 53.93 Mbit/s
95th percentile per-packet one-way delay: 124.649 ms
Loss rate: 4.10%
-- Flow 2:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 122.377 ms
Loss rate: 10.22%
-- Flow 3:
Average throughput: 9.76 Mbit/s
95th percentile per-packet one-way delay: 128.353 ms
Loss rate: 13.35%

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

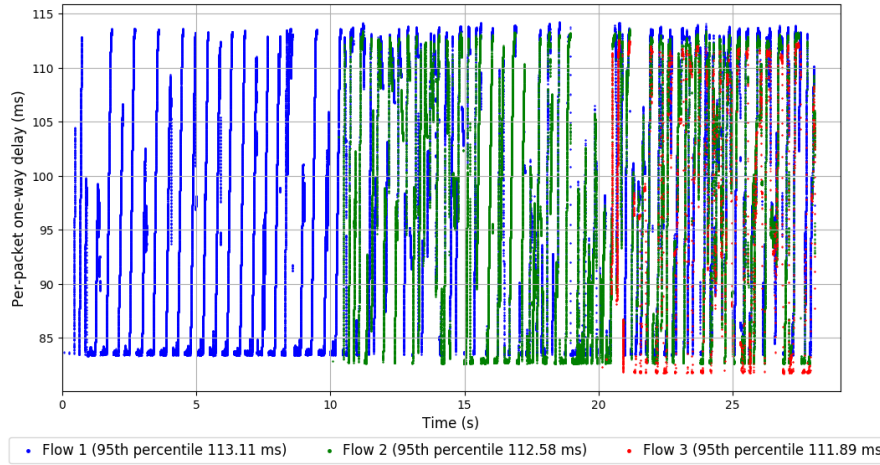
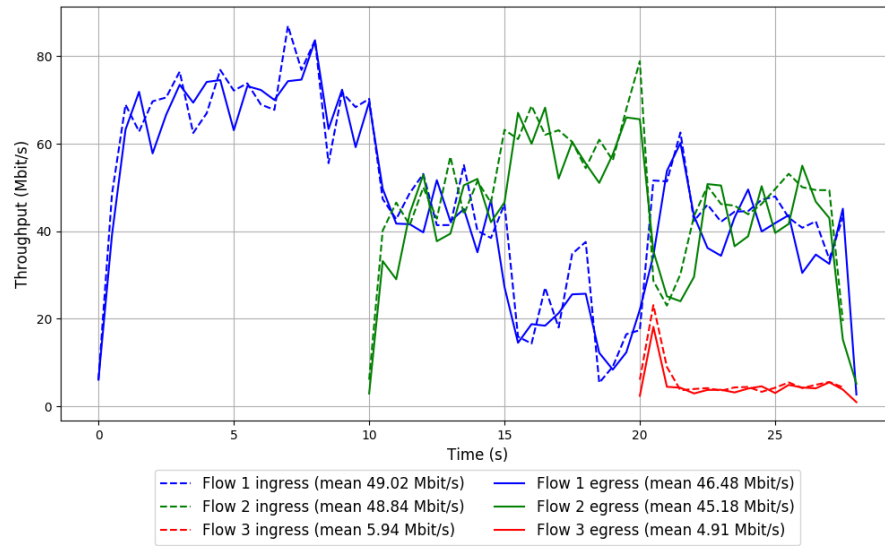


Run 6: Statistics of TaoVA-100x

Start at: 2018-01-26 16:03:50
End at: 2018-01-26 16:04:21
Local clock offset: -0.645 ms
Remote clock offset: -22.232 ms

Below is generated by plot.py at 2018-01-26 18:08:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.86 Mbit/s
95th percentile per-packet one-way delay: 112.904 ms
Loss rate: 6.27%
-- Flow 1:
Average throughput: 46.48 Mbit/s
95th percentile per-packet one-way delay: 113.109 ms
Loss rate: 5.14%
-- Flow 2:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 112.575 ms
Loss rate: 7.44%
-- Flow 3:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 111.887 ms
Loss rate: 17.26%

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

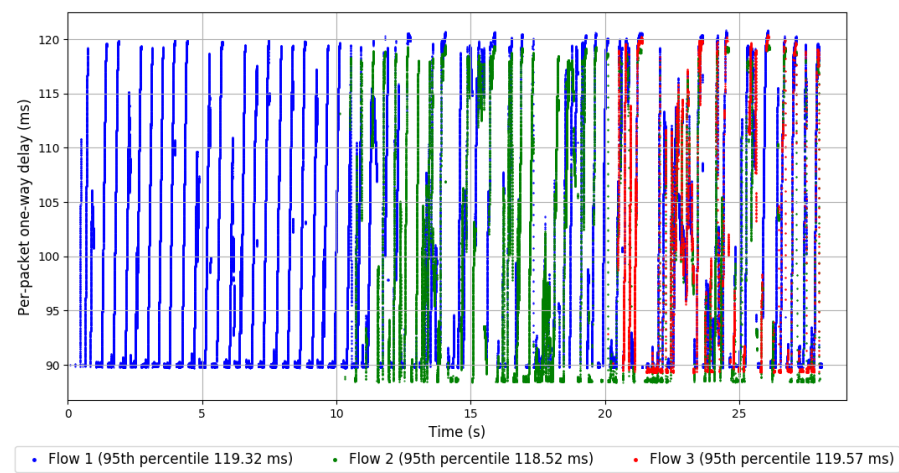
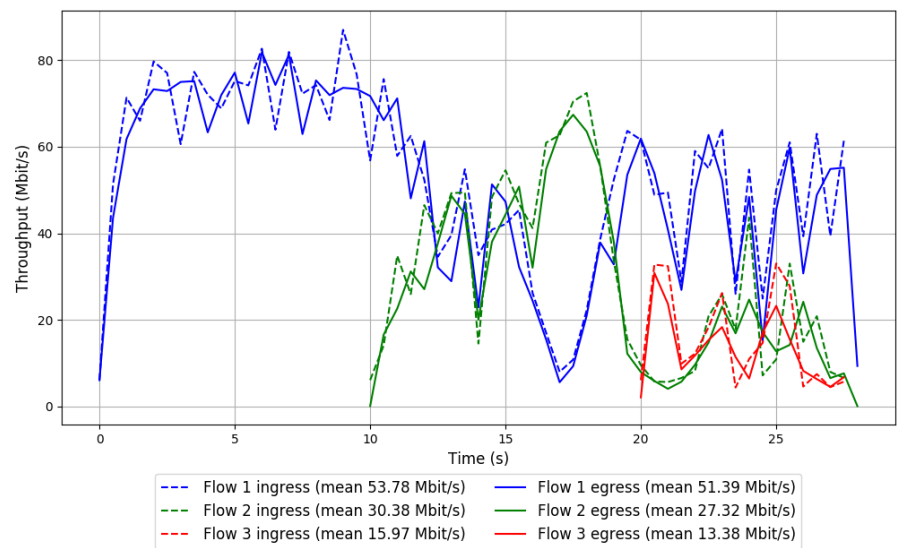


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-26 16:24:51
End at: 2018-01-26 16:25:21
Local clock offset: -0.679 ms
Remote clock offset: -15.004 ms

Below is generated by plot.py at 2018-01-26 18:08:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.61 Mbit/s
95th percentile per-packet one-way delay: 119.161 ms
Loss rate: 6.56%
-- Flow 1:
Average throughput: 51.39 Mbit/s
95th percentile per-packet one-way delay: 119.316 ms
Loss rate: 4.44%
-- Flow 2:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 118.523 ms
Loss rate: 10.18%
-- Flow 3:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 119.568 ms
Loss rate: 16.24%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-01-26 16:45:54

End at: 2018-01-26 16:46:24

Local clock offset: -0.555 ms

Remote clock offset: -13.7 ms

Below is generated by plot.py at 2018-01-26 18:08:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 74.20 Mbit/s

95th percentile per-packet one-way delay: 122.166 ms

Loss rate: 5.34%

-- Flow 1:

Average throughput: 52.39 Mbit/s

95th percentile per-packet one-way delay: 122.405 ms

Loss rate: 3.82%

-- Flow 2:

Average throughput: 28.62 Mbit/s

95th percentile per-packet one-way delay: 117.903 ms

Loss rate: 8.02%

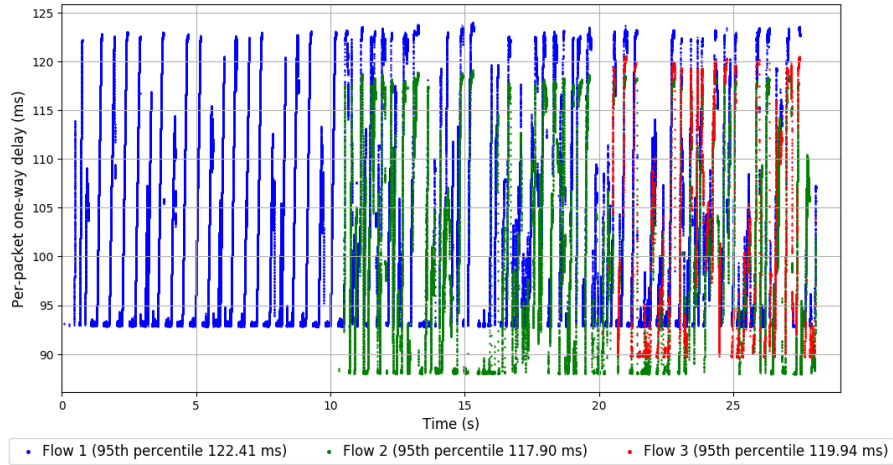
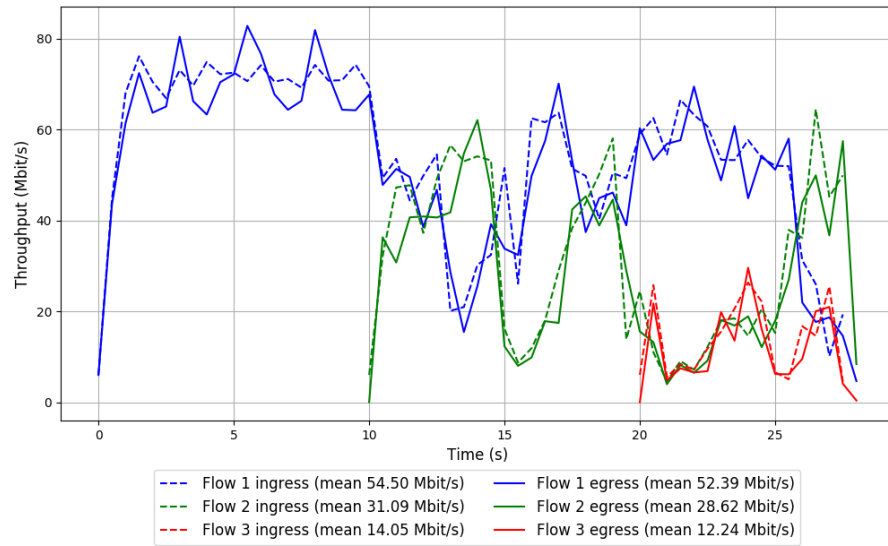
-- Flow 3:

Average throughput: 12.24 Mbit/s

95th percentile per-packet one-way delay: 119.945 ms

Loss rate: 12.74%

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

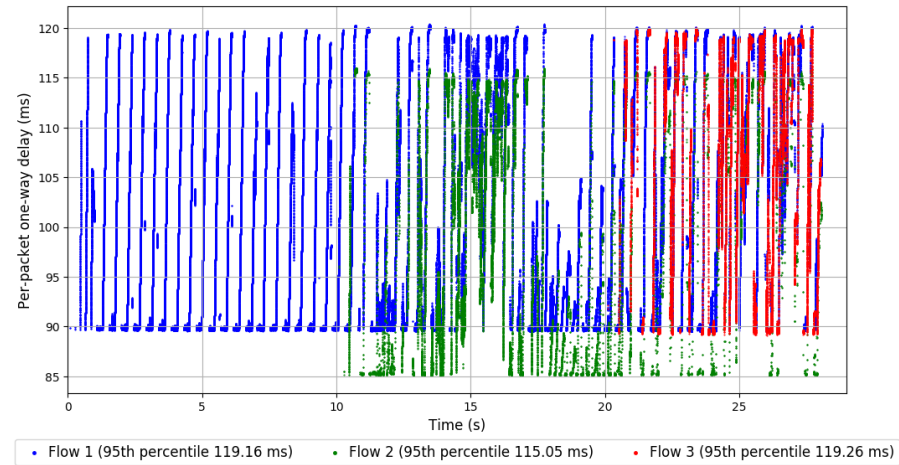
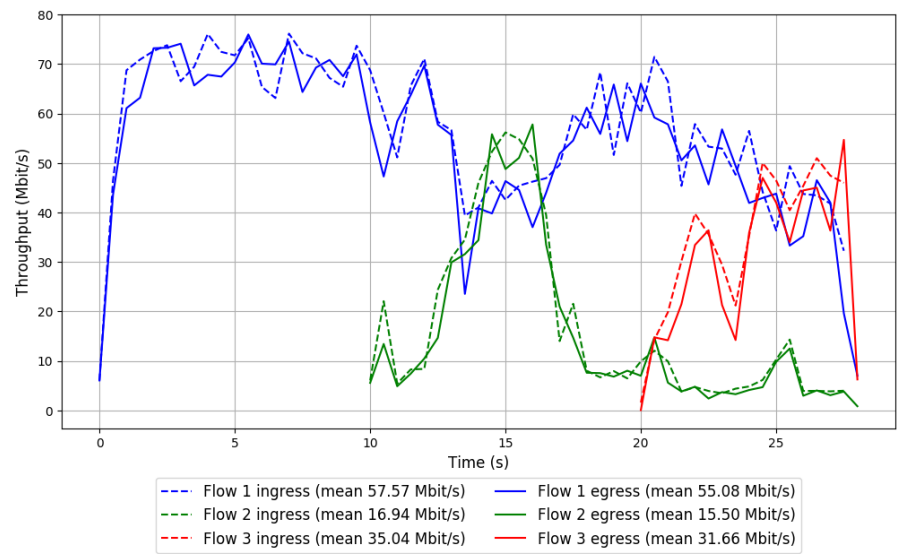


Run 9: Statistics of TaoVA-100x

Start at: 2018-01-26 17:07:05
End at: 2018-01-26 17:07:36
Local clock offset: -0.476 ms
Remote clock offset: -16.035 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.99 Mbit/s
95th percentile per-packet one-way delay: 119.097 ms
Loss rate: 5.50%
-- Flow 1:
Average throughput: 55.08 Mbit/s
95th percentile per-packet one-way delay: 119.161 ms
Loss rate: 4.25%
-- Flow 2:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 115.051 ms
Loss rate: 8.48%
-- Flow 3:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 119.257 ms
Loss rate: 9.46%

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

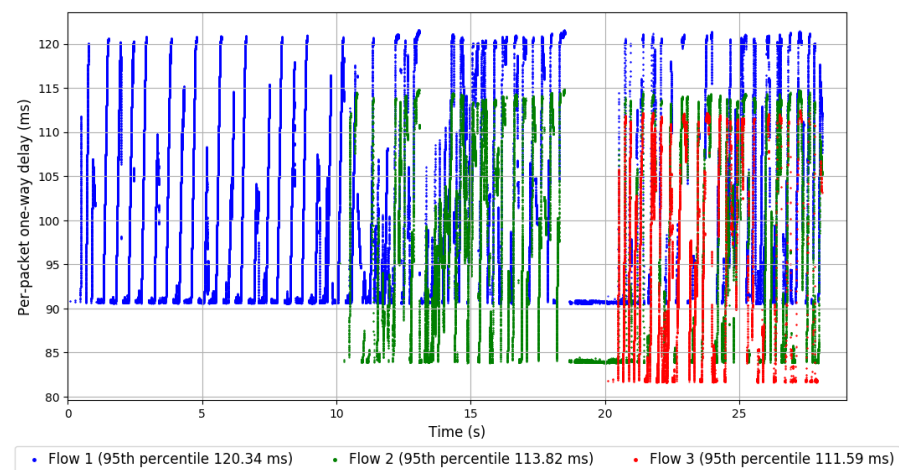
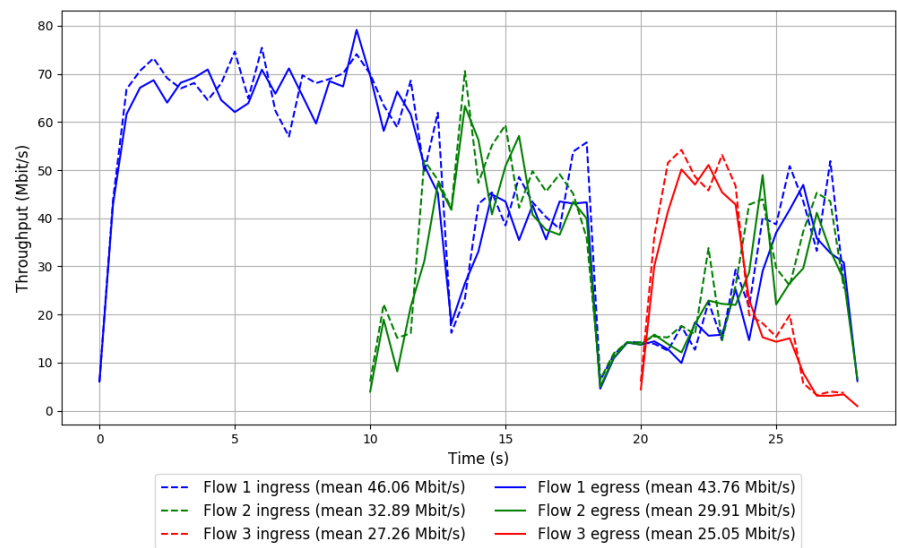


Run 10: Statistics of TaoVA-100x

Start at: 2018-01-26 17:28:14
End at: 2018-01-26 17:28:44
Local clock offset: -0.496 ms
Remote clock offset: -13.509 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.08 Mbit/s
95th percentile per-packet one-way delay: 120.005 ms
Loss rate: 6.39%
-- Flow 1:
Average throughput: 43.76 Mbit/s
95th percentile per-packet one-way delay: 120.336 ms
Loss rate: 4.94%
-- Flow 2:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 113.817 ms
Loss rate: 9.02%
-- Flow 3:
Average throughput: 25.05 Mbit/s
95th percentile per-packet one-way delay: 111.595 ms
Loss rate: 7.84%

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

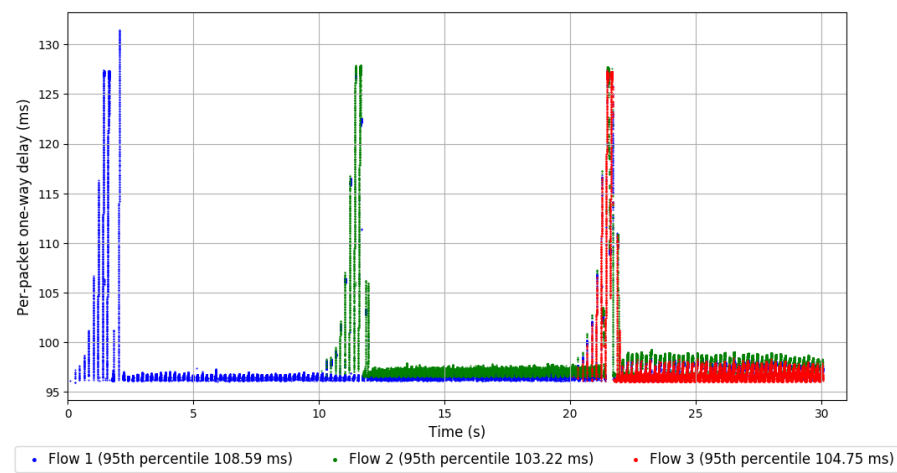
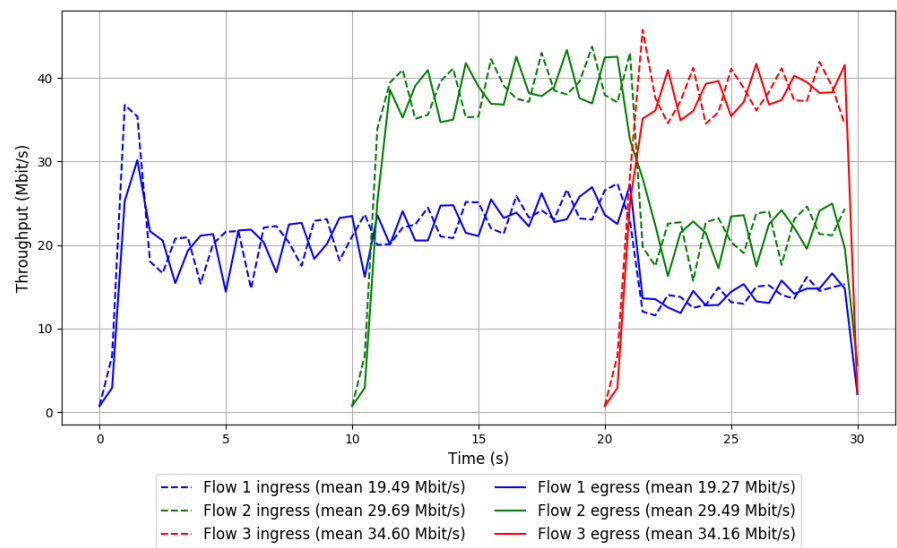


Run 1: Statistics of TCP Vegas

Start at: 2018-01-26 14:20:40
End at: 2018-01-26 14:21:10
Local clock offset: 0.024 ms
Remote clock offset: -9.533 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 105.660 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 19.27 Mbit/s
95th percentile per-packet one-way delay: 108.593 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 103.218 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 34.16 Mbit/s
95th percentile per-packet one-way delay: 104.755 ms
Loss rate: 1.29%

Run 1: Report of TCP Vegas — Data Link

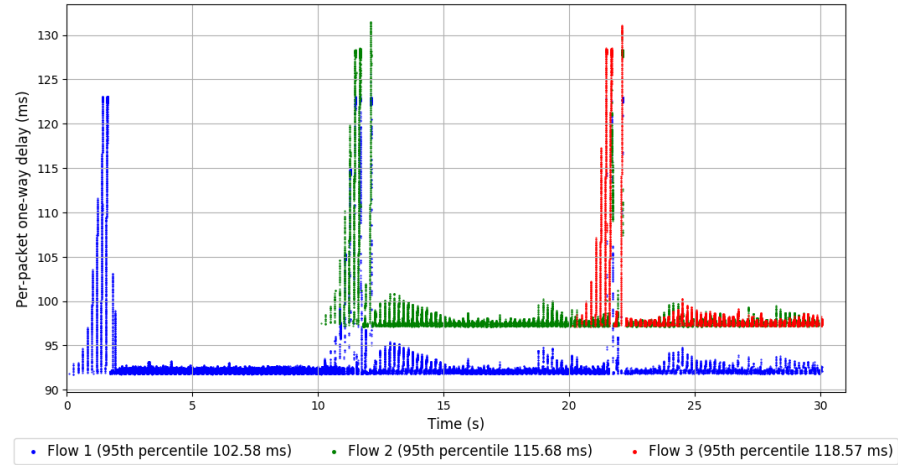
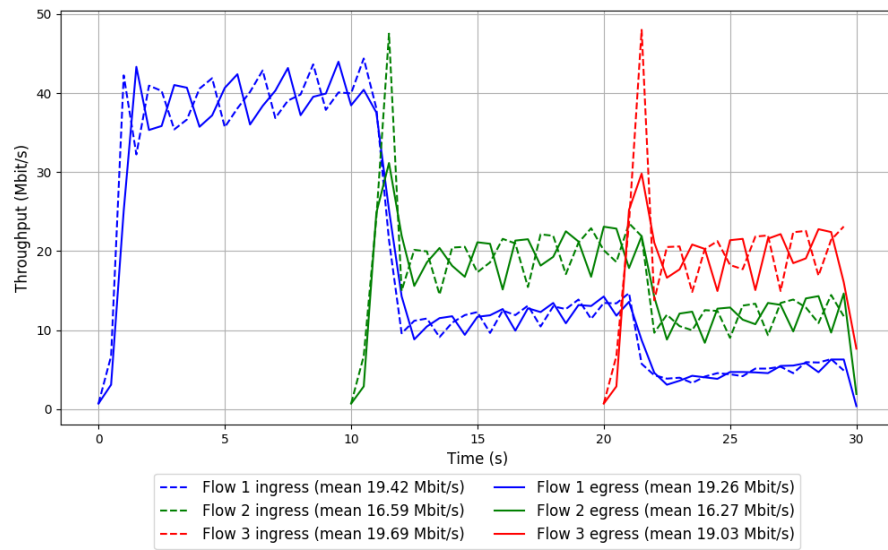


Run 2: Statistics of TCP Vegas

Start at: 2018-01-26 14:41:44
End at: 2018-01-26 14:42:14
Local clock offset: 0.086 ms
Remote clock offset: -11.326 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 110.842 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 102.582 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 16.27 Mbit/s
95th percentile per-packet one-way delay: 115.684 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 19.03 Mbit/s
95th percentile per-packet one-way delay: 118.567 ms
Loss rate: 3.34%

Run 2: Report of TCP Vegas — Data Link

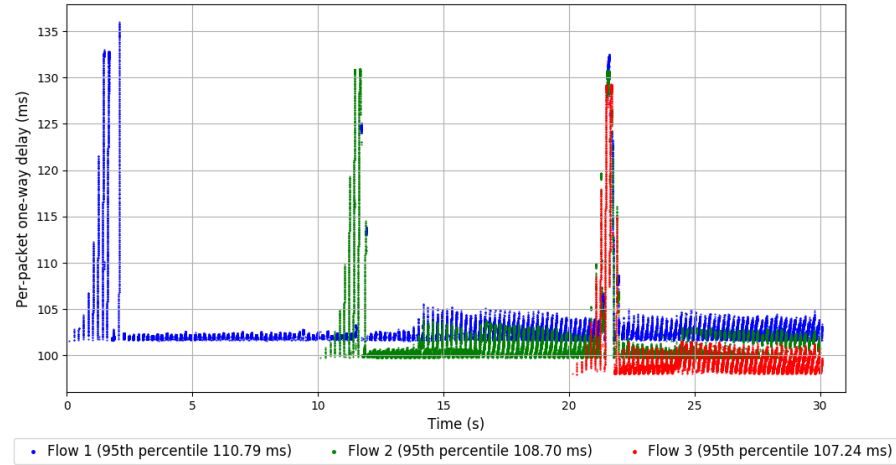
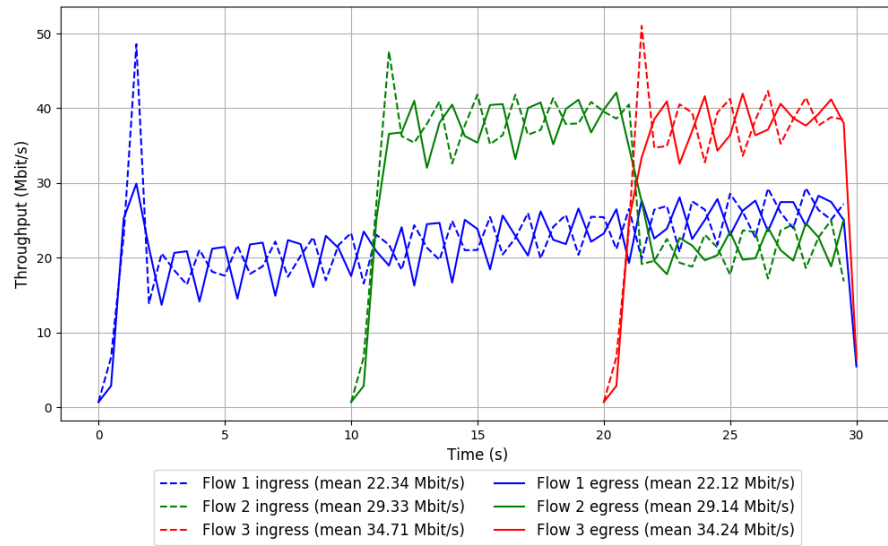


Run 3: Statistics of TCP Vegas

Start at: 2018-01-26 15:02:56
End at: 2018-01-26 15:03:26
Local clock offset: -0.06 ms
Remote clock offset: -10.448 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.82 Mbit/s
95th percentile per-packet one-way delay: 109.081 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: 110.791 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 29.14 Mbit/s
95th percentile per-packet one-way delay: 108.699 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 34.24 Mbit/s
95th percentile per-packet one-way delay: 107.243 ms
Loss rate: 1.35%

Run 3: Report of TCP Vegas — Data Link

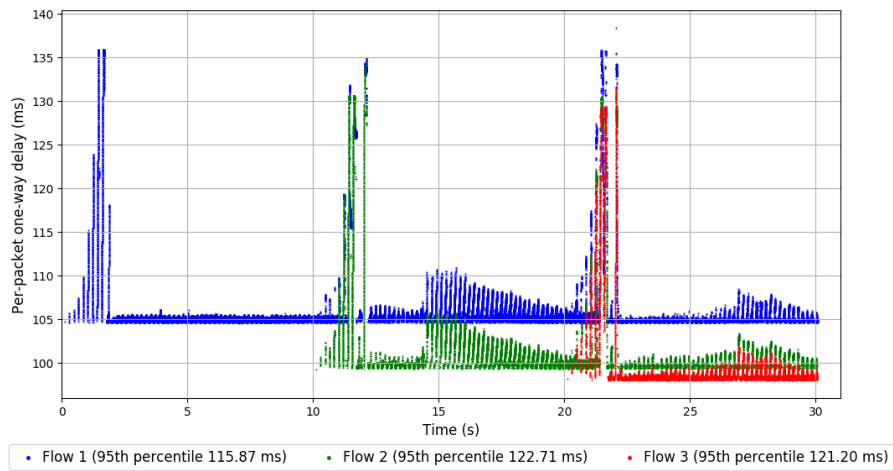
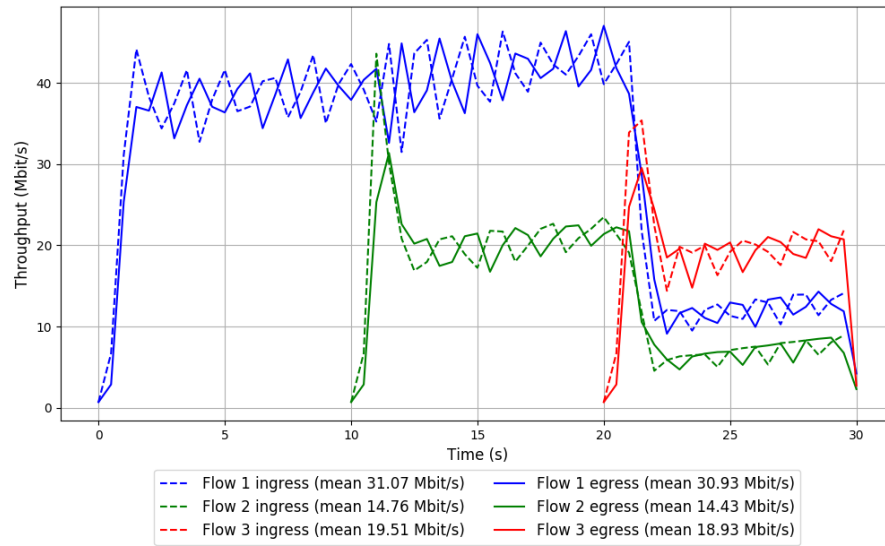


Run 4: Statistics of TCP Vegas

Start at: 2018-01-26 15:24:07
End at: 2018-01-26 15:24:37
Local clock offset: -0.36 ms
Remote clock offset: -5.517 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 117.985 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 115.868 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 14.43 Mbit/s
95th percentile per-packet one-way delay: 122.706 ms
Loss rate: 2.22%
-- Flow 3:
Average throughput: 18.93 Mbit/s
95th percentile per-packet one-way delay: 121.197 ms
Loss rate: 2.97%

Run 4: Report of TCP Vegas — Data Link

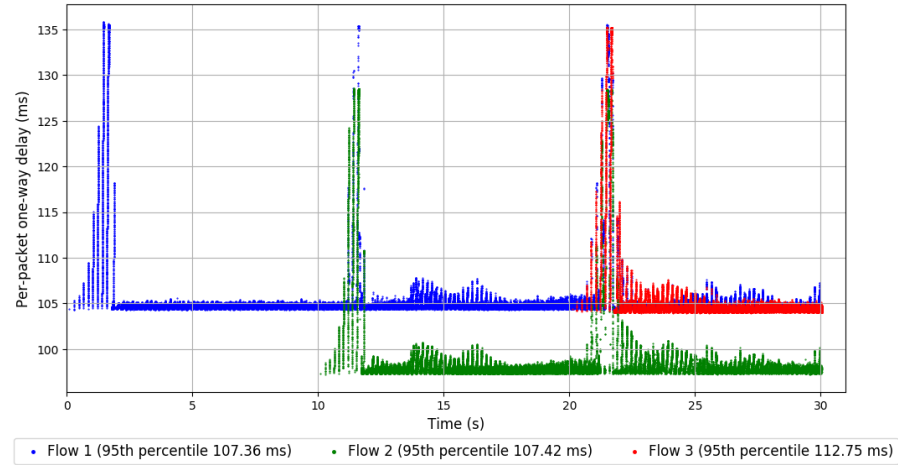
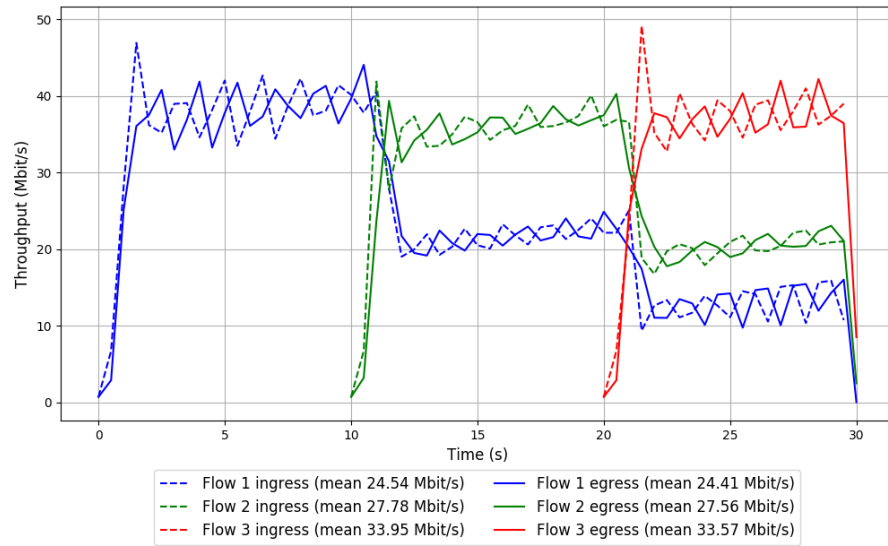


Run 5: Statistics of TCP Vegas

Start at: 2018-01-26 15:45:24
End at: 2018-01-26 15:45:54
Local clock offset: -0.538 ms
Remote clock offset: -6.197 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.90 Mbit/s
95th percentile per-packet one-way delay: 108.706 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 107.359 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 27.56 Mbit/s
95th percentile per-packet one-way delay: 107.419 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 33.57 Mbit/s
95th percentile per-packet one-way delay: 112.748 ms
Loss rate: 1.10%

Run 5: Report of TCP Vegas — Data Link

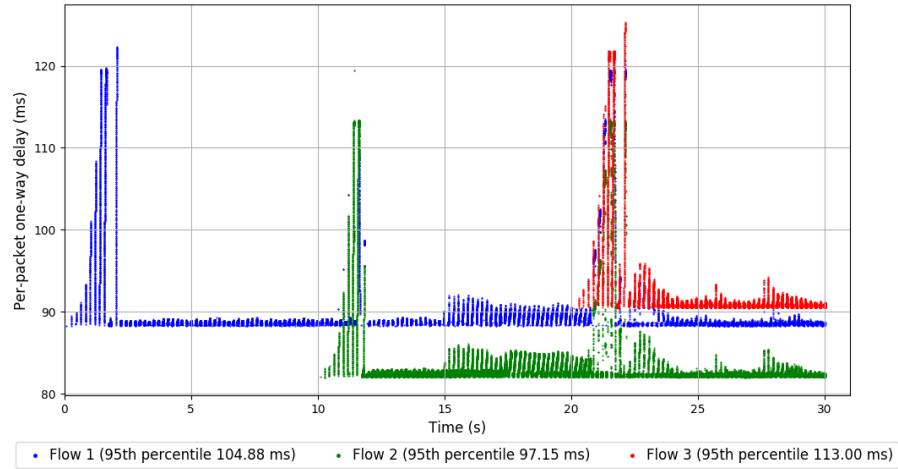
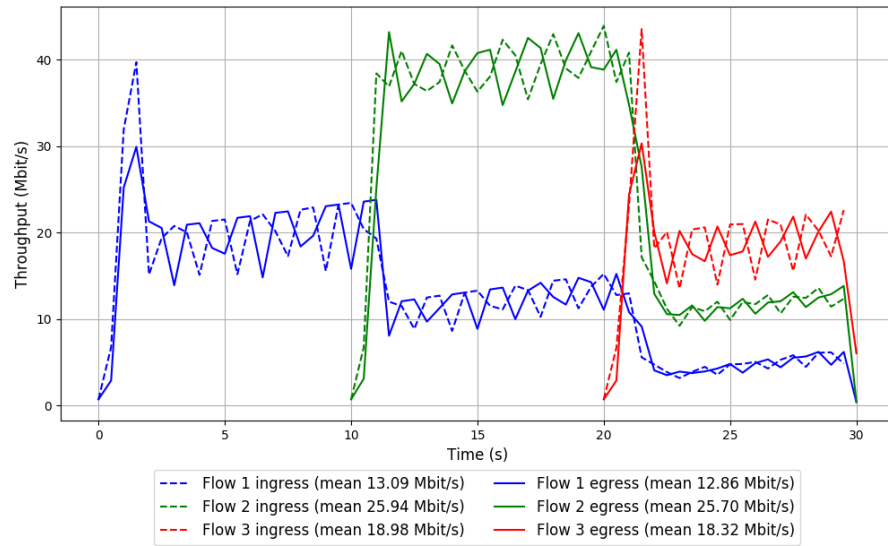


Run 6: Statistics of TCP Vegas

Start at: 2018-01-26 16:06:34
End at: 2018-01-26 16:07:04
Local clock offset: -0.651 ms
Remote clock offset: -22.063 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 104.568 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 12.86 Mbit/s
95th percentile per-packet one-way delay: 104.875 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 25.70 Mbit/s
95th percentile per-packet one-way delay: 97.148 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 18.32 Mbit/s
95th percentile per-packet one-way delay: 113.004 ms
Loss rate: 3.46%

Run 6: Report of TCP Vegas — Data Link

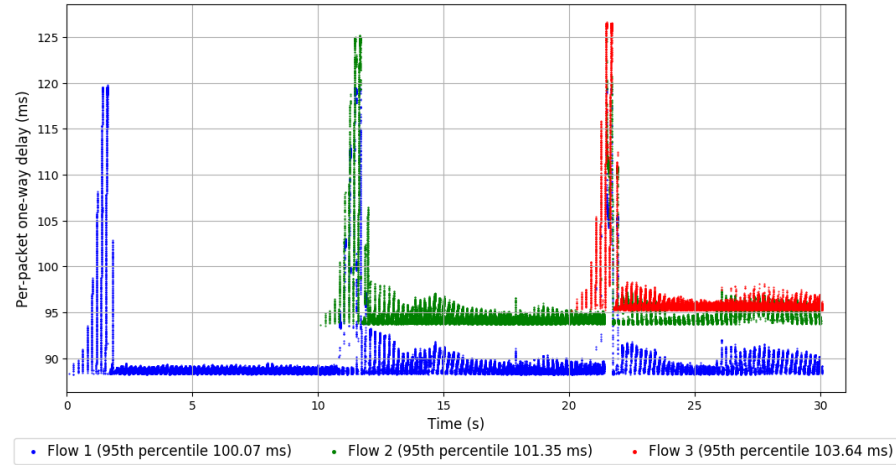
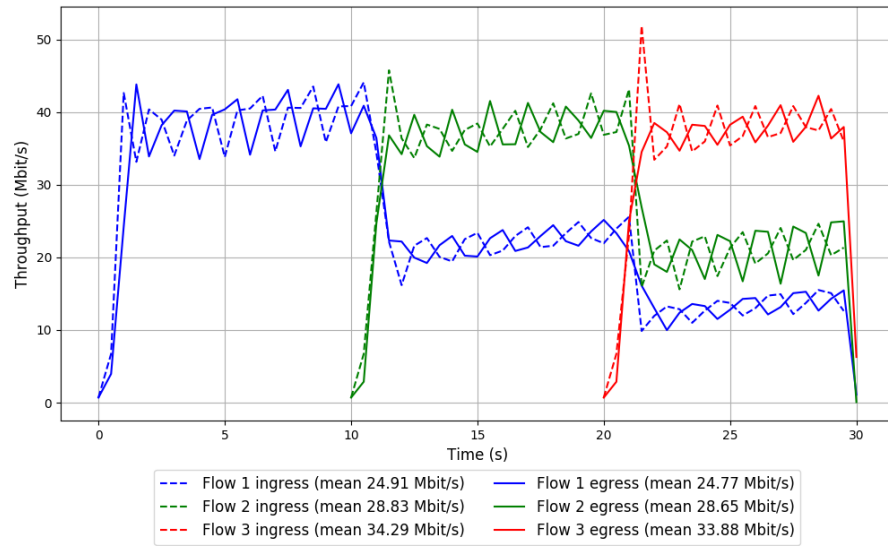


Run 7: Statistics of TCP Vegas

Start at: 2018-01-26 16:27:33
End at: 2018-01-26 16:28:03
Local clock offset: -0.582 ms
Remote clock offset: -15.747 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.06 Mbit/s
95th percentile per-packet one-way delay: 101.452 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 100.074 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 28.65 Mbit/s
95th percentile per-packet one-way delay: 101.350 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 33.88 Mbit/s
95th percentile per-packet one-way delay: 103.643 ms
Loss rate: 1.20%

Run 7: Report of TCP Vegas — Data Link

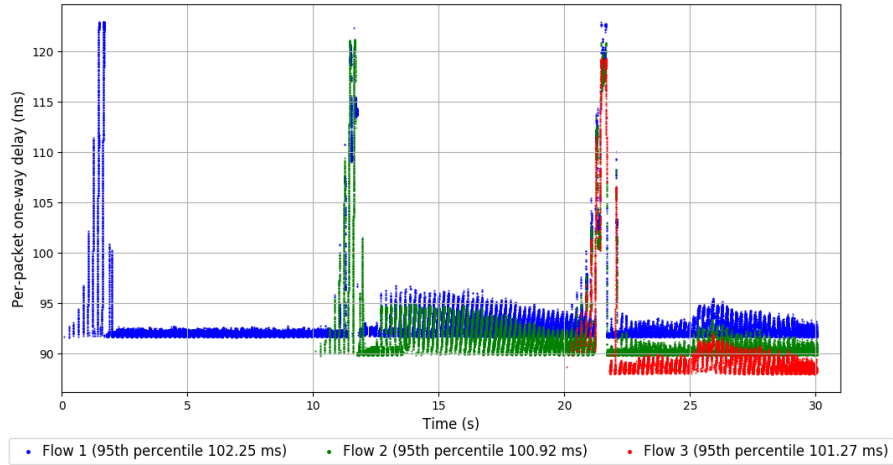
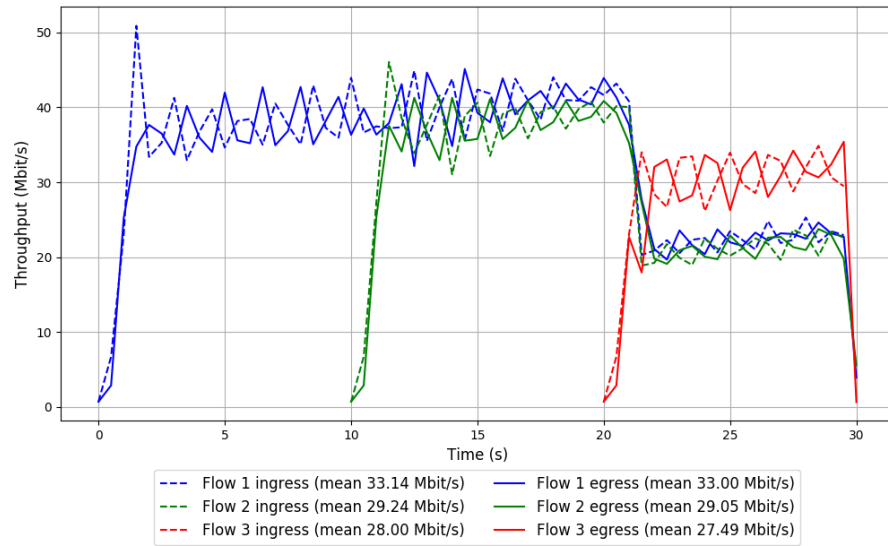


Run 8: Statistics of TCP Vegas

Start at: 2018-01-26 16:48:37
End at: 2018-01-26 16:49:07
Local clock offset: -0.506 ms
Remote clock offset: -18.359 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.47 Mbit/s
95th percentile per-packet one-way delay: 101.380 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 102.246 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 29.05 Mbit/s
95th percentile per-packet one-way delay: 100.922 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 27.49 Mbit/s
95th percentile per-packet one-way delay: 101.271 ms
Loss rate: 1.82%

Run 8: Report of TCP Vegas — Data Link

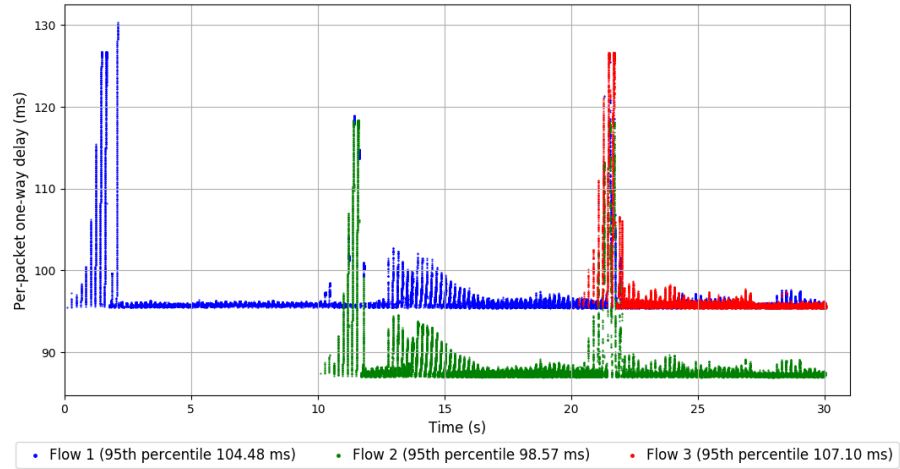
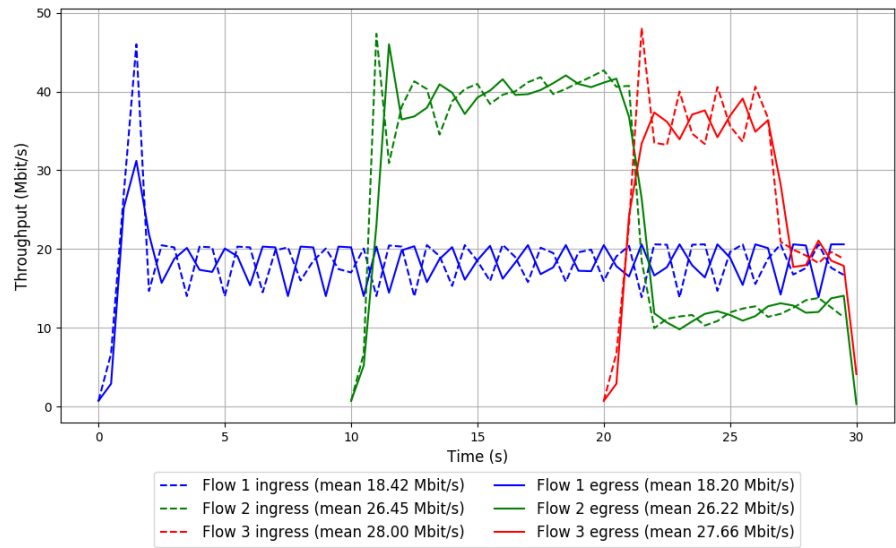


Run 9: Statistics of TCP Vegas

Start at: 2018-01-26 17:09:49
End at: 2018-01-26 17:10:19
Local clock offset: -0.469 ms
Remote clock offset: -9.686 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.81 Mbit/s
95th percentile per-packet one-way delay: 103.179 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 18.20 Mbit/s
95th percentile per-packet one-way delay: 104.477 ms
Loss rate: 1.17%
-- Flow 2:
Average throughput: 26.22 Mbit/s
95th percentile per-packet one-way delay: 98.573 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 27.66 Mbit/s
95th percentile per-packet one-way delay: 107.100 ms
Loss rate: 1.20%

Run 9: Report of TCP Vegas — Data Link

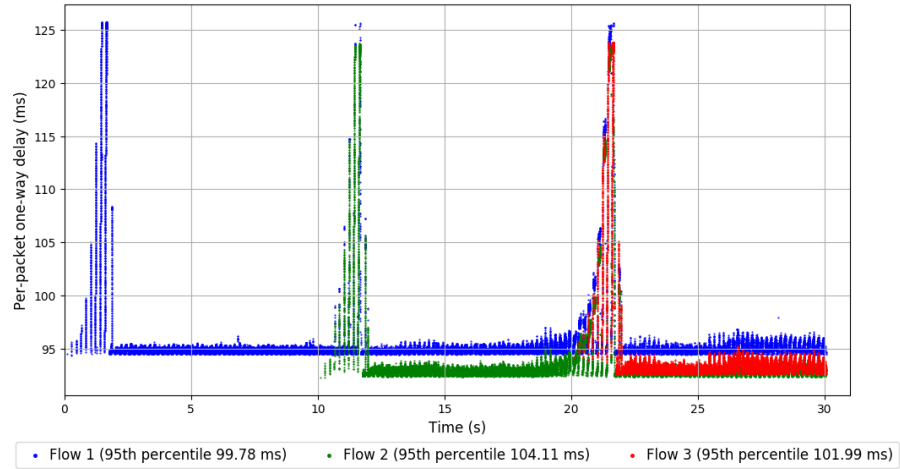
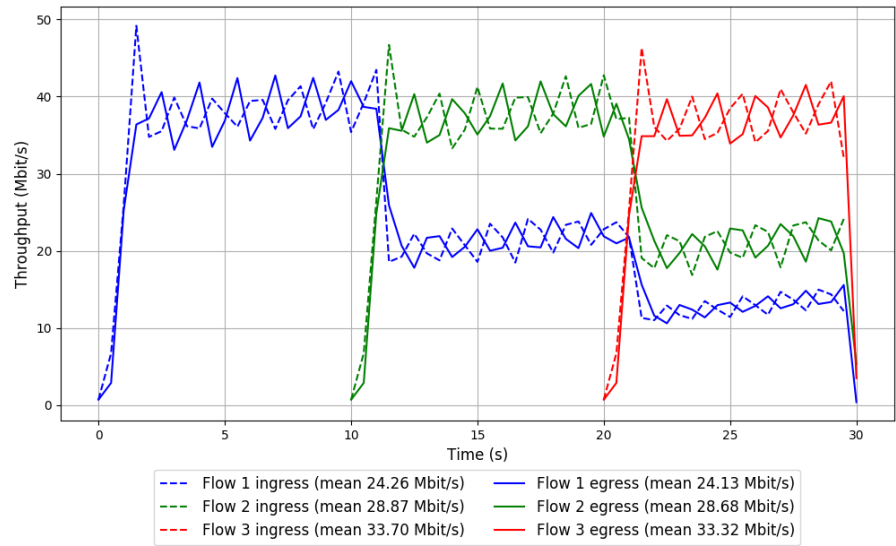


Run 10: Statistics of TCP Vegas

Start at: 2018-01-26 17:30:56
End at: 2018-01-26 17:31:26
Local clock offset: -0.511 ms
Remote clock offset: -7.429 ms

Below is generated by plot.py at 2018-01-26 18:10:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.29 Mbit/s
95th percentile per-packet one-way delay: 102.558 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 99.778 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 104.107 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 101.992 ms
Loss rate: 1.13%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

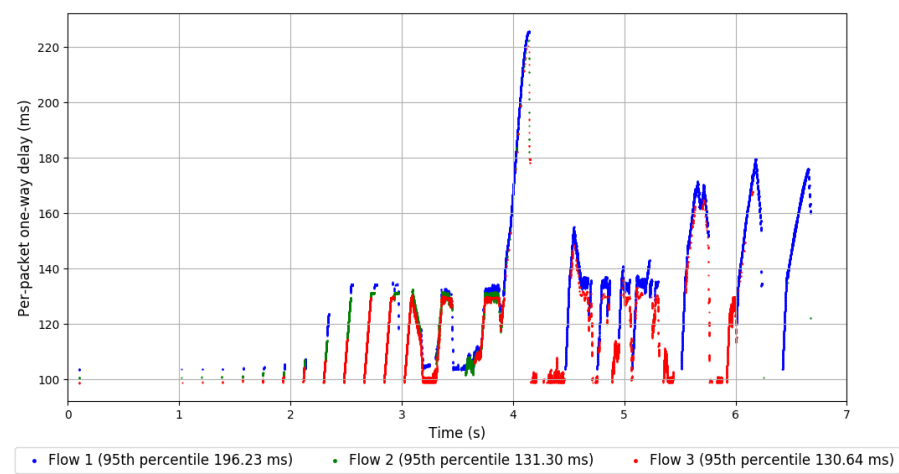
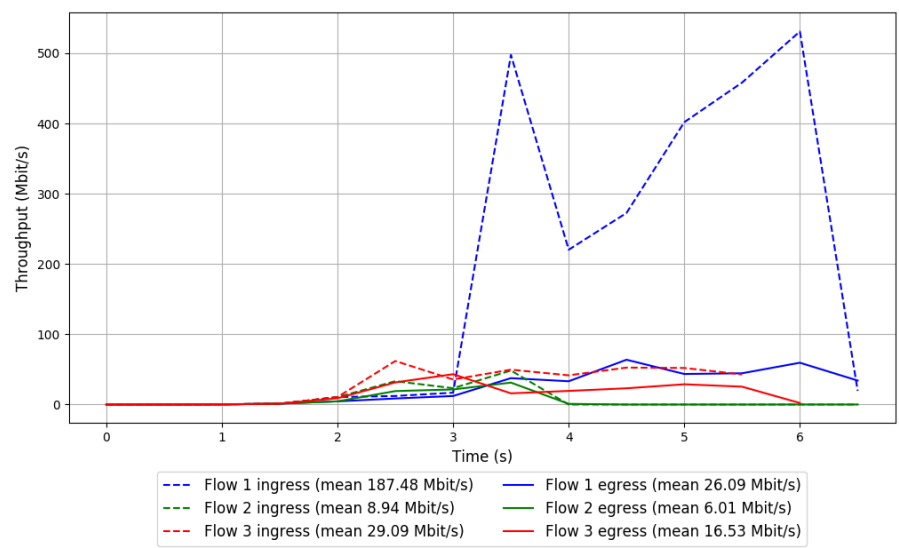
Start at: 2018-01-26 14:27:14

End at: 2018-01-26 14:27:44

Local clock offset: 0.045 ms

Remote clock offset: -5.989 ms

Run 1: Report of Verus — Data Link

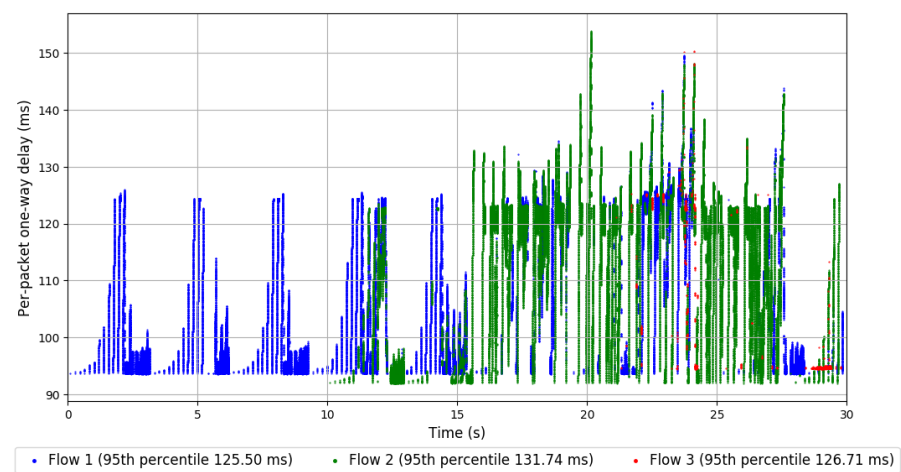
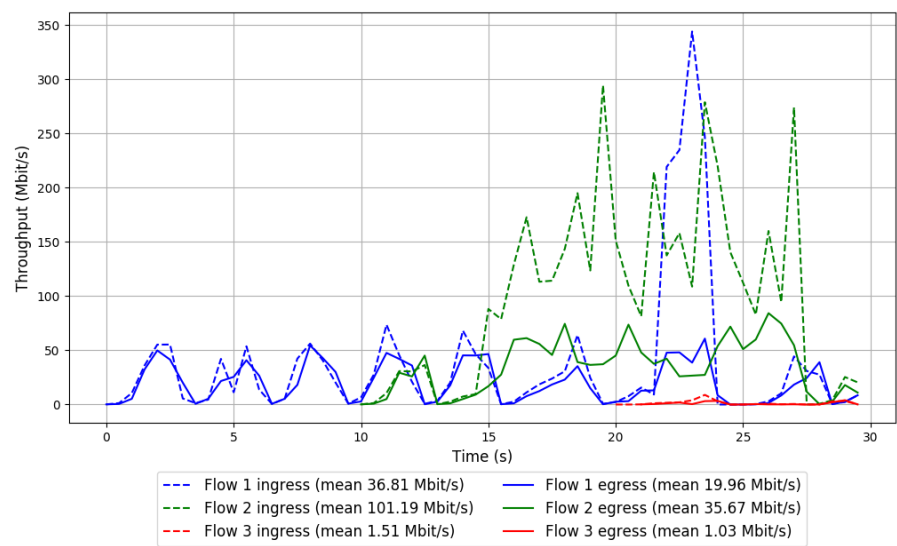


Run 2: Statistics of Verus

Start at: 2018-01-26 14:48:18
End at: 2018-01-26 14:48:48
Local clock offset: 0.035 ms
Remote clock offset: -11.65 ms

Below is generated by plot.py at 2018-01-26 18:10:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 129.008 ms
Loss rate: 57.86%
-- Flow 1:
Average throughput: 19.96 Mbit/s
95th percentile per-packet one-way delay: 125.496 ms
Loss rate: 45.76%
-- Flow 2:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 131.737 ms
Loss rate: 64.69%
-- Flow 3:
Average throughput: 1.03 Mbit/s
95th percentile per-packet one-way delay: 126.710 ms
Loss rate: 39.00%

Run 2: Report of Verus — Data Link

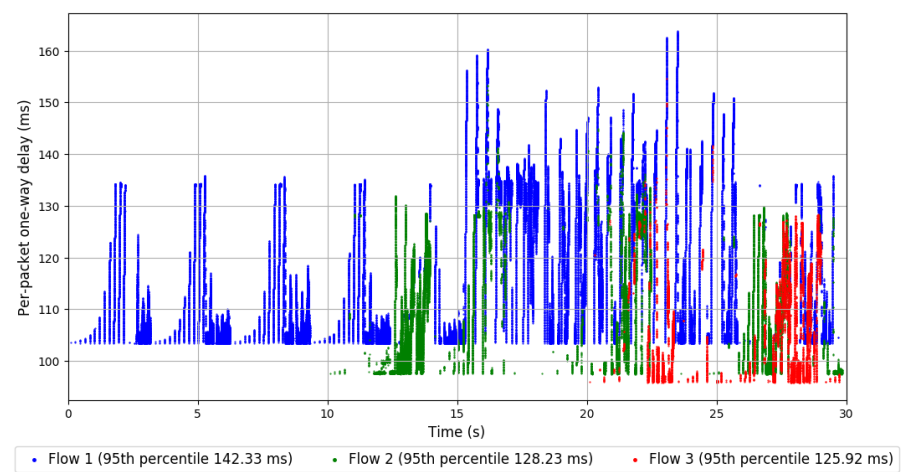
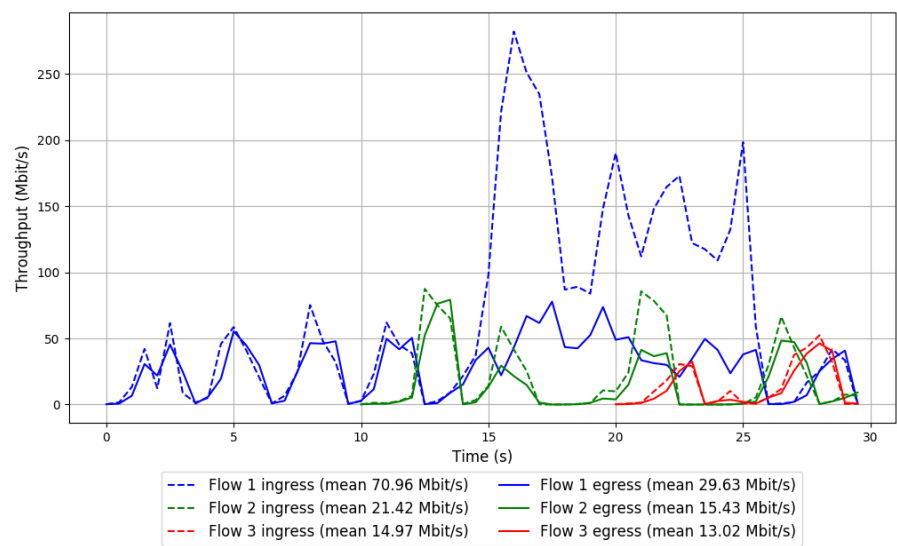


Run 3: Statistics of Verus

Start at: 2018-01-26 15:09:29
End at: 2018-01-26 15:09:59
Local clock offset: -0.16 ms
Remote clock offset: -6.241 ms

Below is generated by plot.py at 2018-01-26 18:10:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 139.552 ms
Loss rate: 51.00%
-- Flow 1:
Average throughput: 29.63 Mbit/s
95th percentile per-packet one-way delay: 142.333 ms
Loss rate: 58.25%
-- Flow 2:
Average throughput: 15.43 Mbit/s
95th percentile per-packet one-way delay: 128.233 ms
Loss rate: 27.97%
-- Flow 3:
Average throughput: 13.02 Mbit/s
95th percentile per-packet one-way delay: 125.920 ms
Loss rate: 13.02%

Run 3: Report of Verus — Data Link

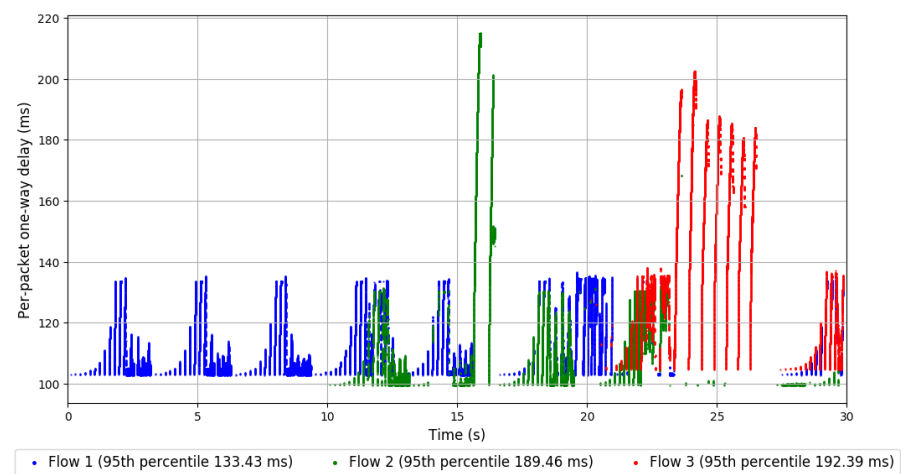
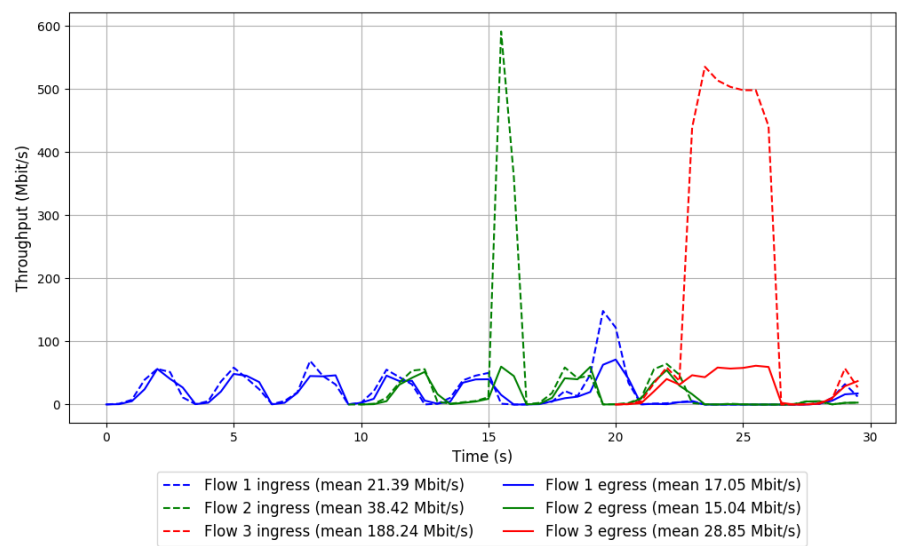


Run 4: Statistics of Verus

Start at: 2018-01-26 15:30:42
End at: 2018-01-26 15:31:12
Local clock offset: -0.373 ms
Remote clock offset: -5.777 ms

Below is generated by plot.py at 2018-01-26 18:10:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 182.670 ms
Loss rate: 66.34%
-- Flow 1:
Average throughput: 17.05 Mbit/s
95th percentile per-packet one-way delay: 133.425 ms
Loss rate: 20.18%
-- Flow 2:
Average throughput: 15.04 Mbit/s
95th percentile per-packet one-way delay: 189.461 ms
Loss rate: 60.81%
-- Flow 3:
Average throughput: 28.85 Mbit/s
95th percentile per-packet one-way delay: 192.389 ms
Loss rate: 84.66%

Run 4: Report of Verus — Data Link

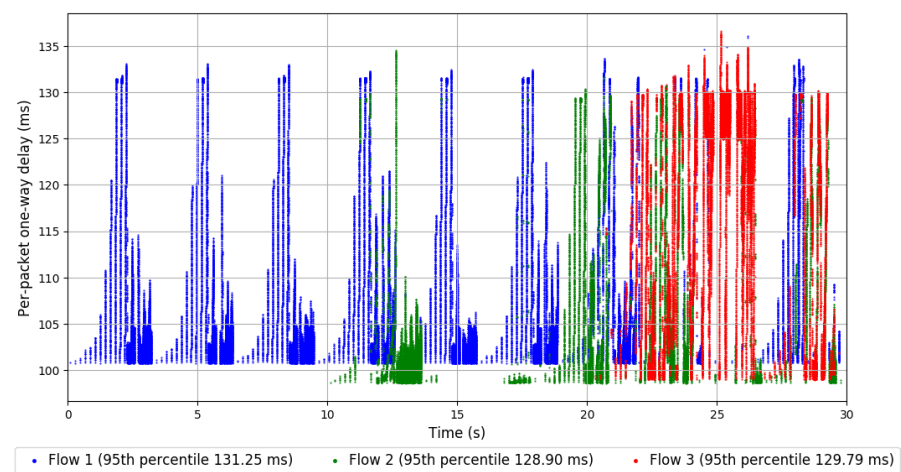
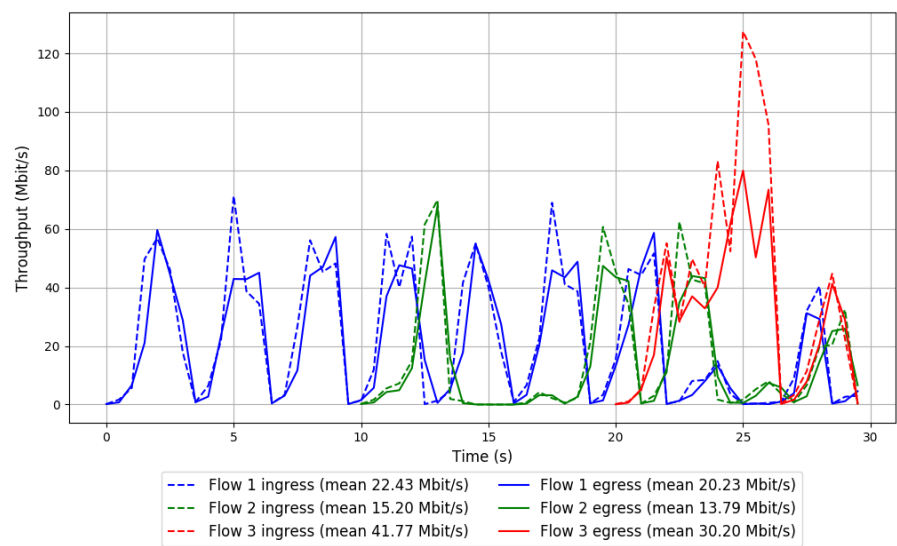


Run 5: Statistics of Verus

Start at: 2018-01-26 15:52:00
End at: 2018-01-26 15:52:30
Local clock offset: -0.59 ms
Remote clock offset: -12.045 ms

Below is generated by plot.py at 2018-01-26 18:10:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 129.871 ms
Loss rate: 14.94%
-- Flow 1:
Average throughput: 20.23 Mbit/s
95th percentile per-packet one-way delay: 131.252 ms
Loss rate: 9.77%
-- Flow 2:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 128.904 ms
Loss rate: 9.26%
-- Flow 3:
Average throughput: 30.20 Mbit/s
95th percentile per-packet one-way delay: 129.793 ms
Loss rate: 27.75%

Run 5: Report of Verus — Data Link

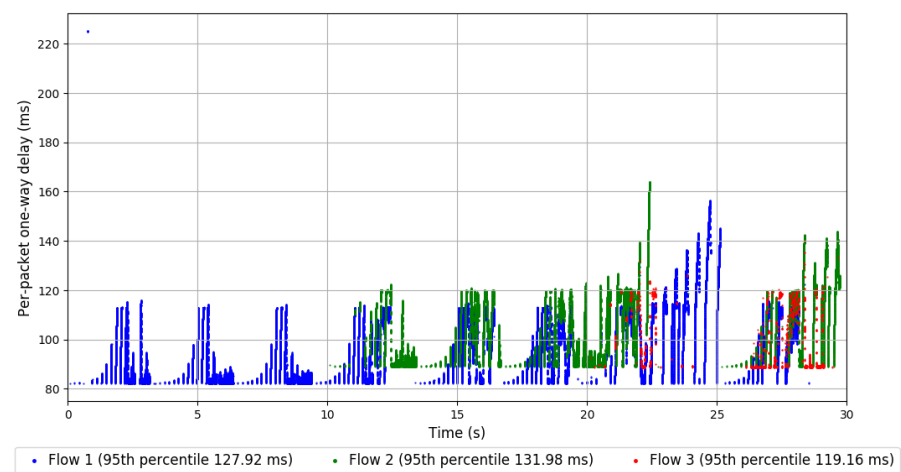
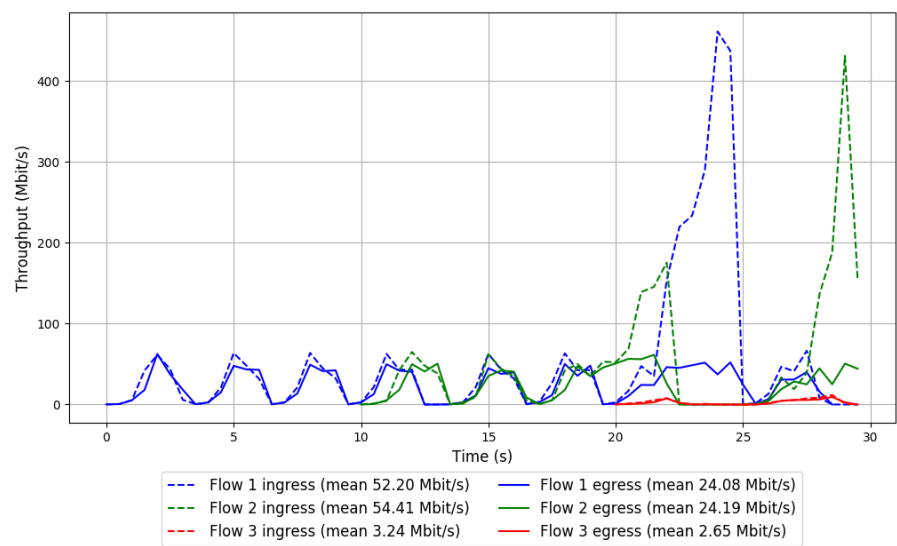


Run 6: Statistics of Verus

Start at: 2018-01-26 16:13:05
End at: 2018-01-26 16:13:35
Local clock offset: -0.694 ms
Remote clock offset: -21.767 ms

Below is generated by plot.py at 2018-01-26 18:10:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 129.857 ms
Loss rate: 55.07%
-- Flow 1:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 127.925 ms
Loss rate: 55.54%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 131.981 ms
Loss rate: 55.47%
-- Flow 3:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 119.164 ms
Loss rate: 17.86%

Run 6: Report of Verus — Data Link

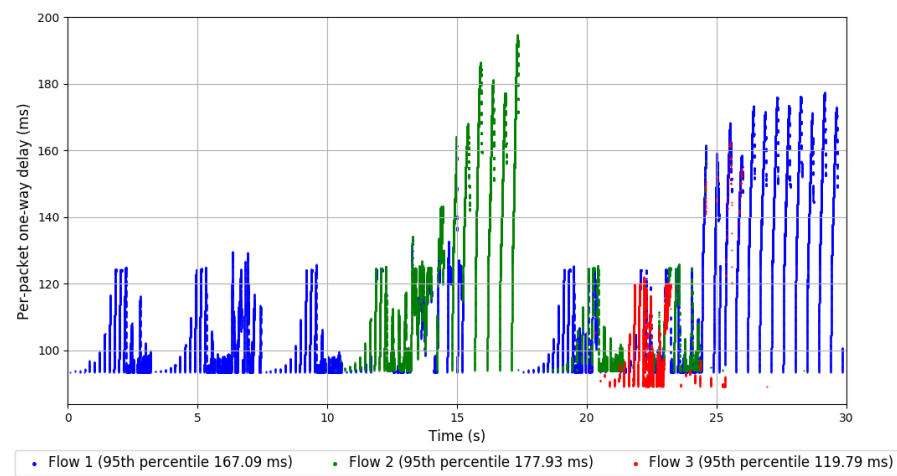
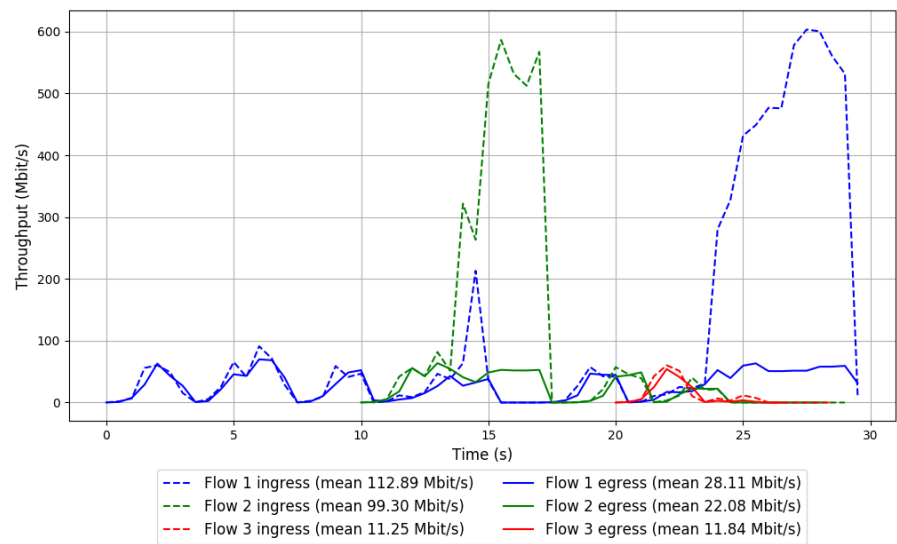


Run 7: Statistics of Verus

Start at: 2018-01-26 16:34:06
End at: 2018-01-26 16:34:36
Local clock offset: -0.546 ms
Remote clock offset: -15.365 ms

Below is generated by plot.py at 2018-01-26 18:11:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.34 Mbit/s
95th percentile per-packet one-way delay: 169.770 ms
Loss rate: 75.48%
-- Flow 1:
Average throughput: 28.11 Mbit/s
95th percentile per-packet one-way delay: 167.086 ms
Loss rate: 75.10%
-- Flow 2:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 177.928 ms
Loss rate: 79.06%
-- Flow 3:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 119.789 ms
Loss rate: 19.49%

Run 7: Report of Verus — Data Link

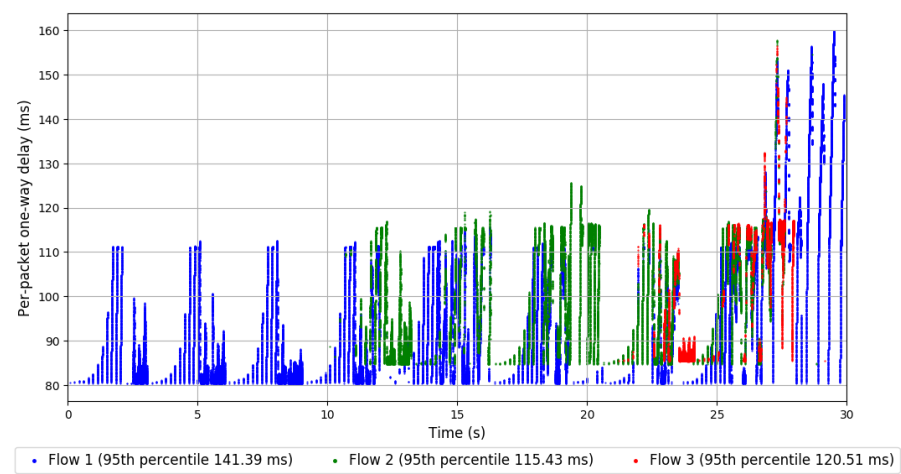
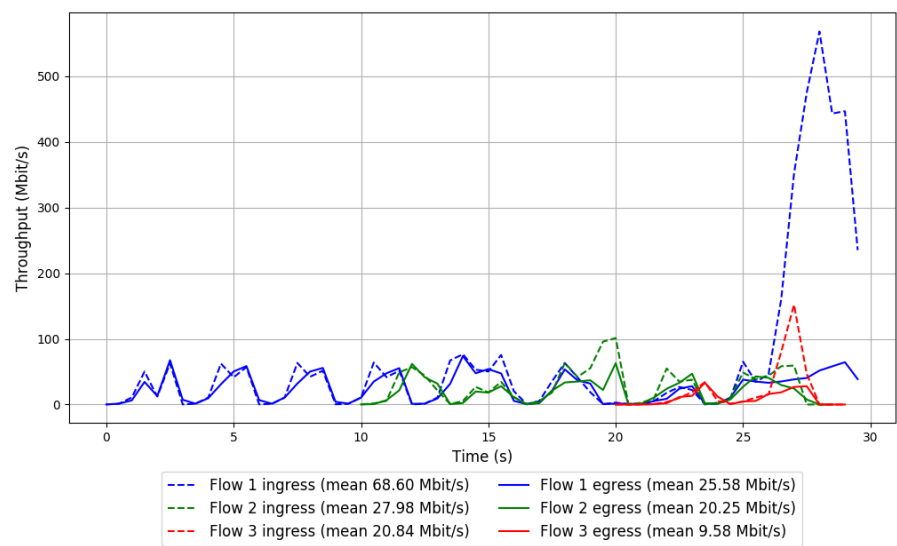


Run 8: Statistics of Verus

Start at: 2018-01-26 16:55:10
End at: 2018-01-26 16:55:40
Local clock offset: -0.486 ms
Remote clock offset: -18.891 ms

Below is generated by plot.py at 2018-01-26 18:11:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.21 Mbit/s
95th percentile per-packet one-way delay: 133.562 ms
Loss rate: 55.53%
-- Flow 1:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 141.394 ms
Loss rate: 62.63%
-- Flow 2:
Average throughput: 20.25 Mbit/s
95th percentile per-packet one-way delay: 115.431 ms
Loss rate: 28.34%
-- Flow 3:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 120.514 ms
Loss rate: 54.95%

Run 8: Report of Verus — Data Link

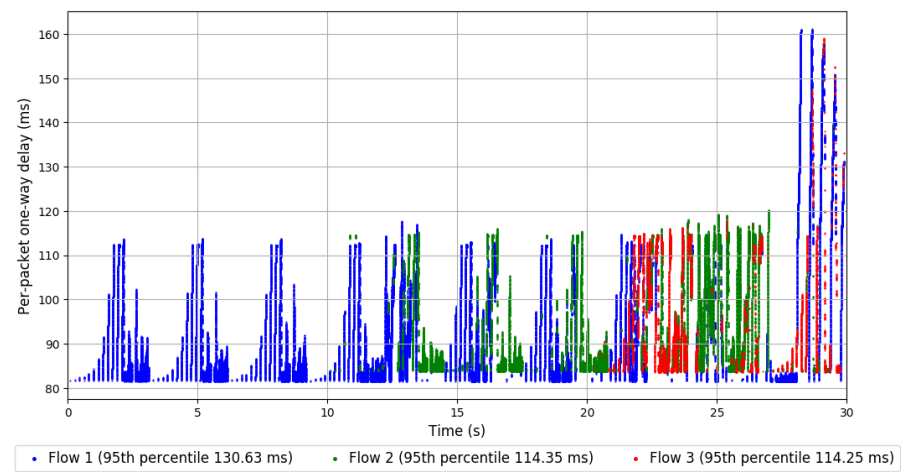
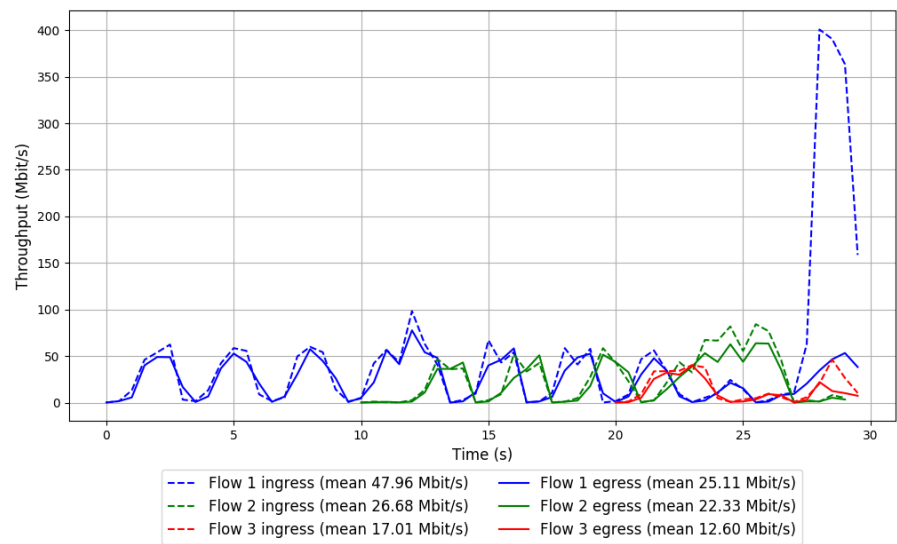


Run 9: Statistics of Verus

Start at: 2018-01-26 17:16:21
End at: 2018-01-26 17:16:51
Local clock offset: -0.449 ms
Remote clock offset: -15.125 ms

Below is generated by plot.py at 2018-01-26 18:11:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 43.76 Mbit/s
95th percentile per-packet one-way delay: 117.499 ms
Loss rate: 38.14%
-- Flow 1:
Average throughput: 25.11 Mbit/s
95th percentile per-packet one-way delay: 130.632 ms
Loss rate: 47.56%
-- Flow 2:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 114.353 ms
Loss rate: 16.11%
-- Flow 3:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 114.247 ms
Loss rate: 25.57%

Run 9: Report of Verus — Data Link

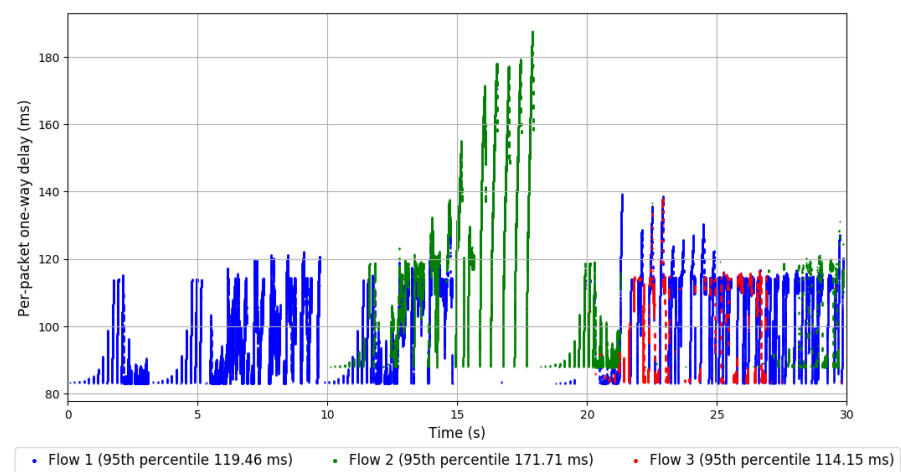
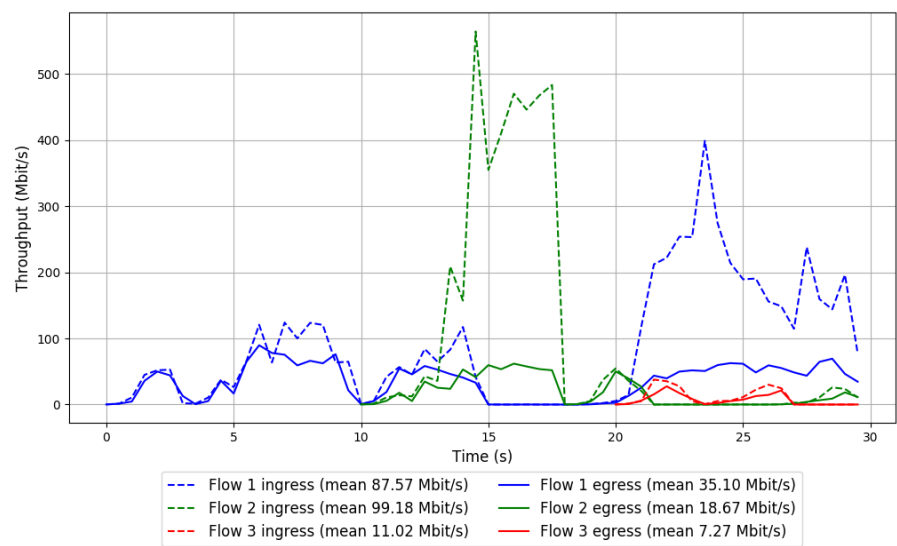


Run 10: Statistics of Verus

Start at: 2018-01-26 17:37:29
End at: 2018-01-26 17:37:59
Local clock offset: -0.487 ms
Remote clock offset: -11.476 ms

Below is generated by plot.py at 2018-01-26 18:11:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.83 Mbit/s
95th percentile per-packet one-way delay: 146.652 ms
Loss rate: 68.21%
-- Flow 1:
Average throughput: 35.10 Mbit/s
95th percentile per-packet one-way delay: 119.458 ms
Loss rate: 59.88%
-- Flow 2:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 171.707 ms
Loss rate: 81.15%
-- Flow 3:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 114.150 ms
Loss rate: 34.17%

Run 10: Report of Verus — Data Link

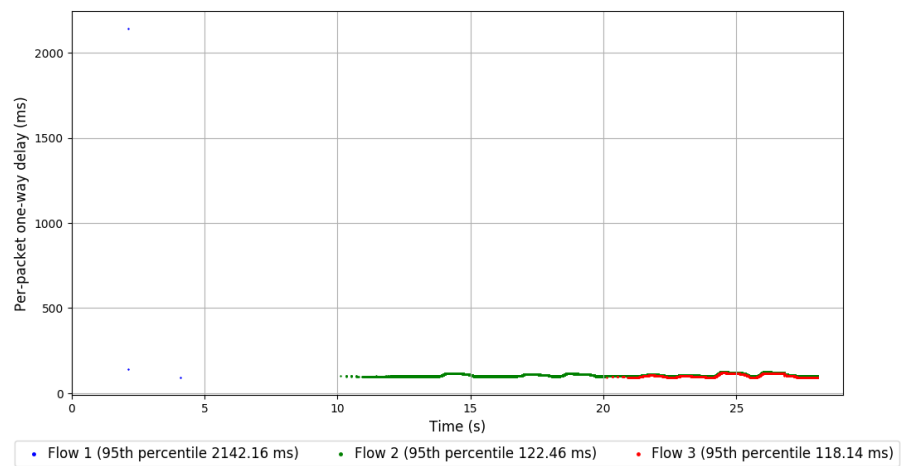
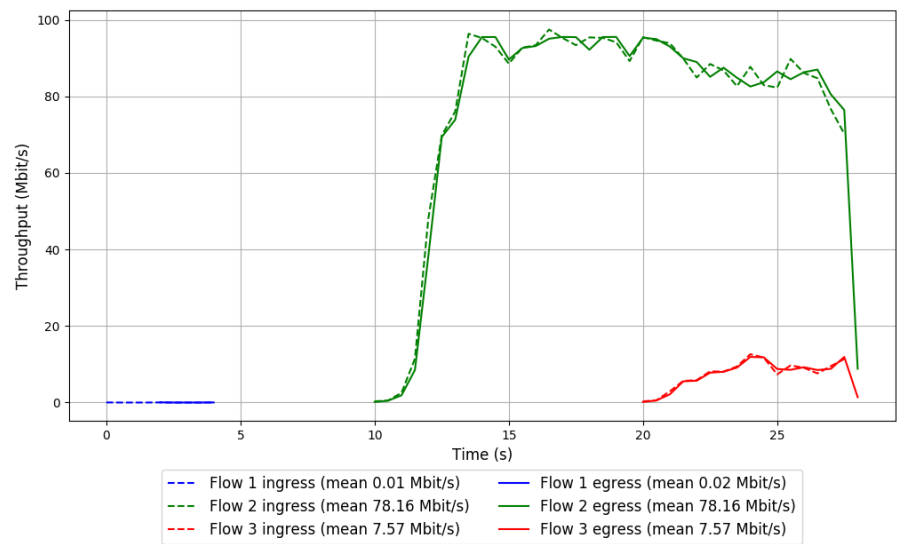


Run 1: Statistics of Copa

Start at: 2018-01-26 14:11:24
End at: 2018-01-26 14:11:54
Local clock offset: -0.034 ms
Remote clock offset: -10.177 ms

Below is generated by plot.py at 2018-01-26 18:11:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 122.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.02 Mbit/s
95th percentile per-packet one-way delay: 2142.155 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 78.16 Mbit/s
95th percentile per-packet one-way delay: 122.456 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.57 Mbit/s
95th percentile per-packet one-way delay: 118.138 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

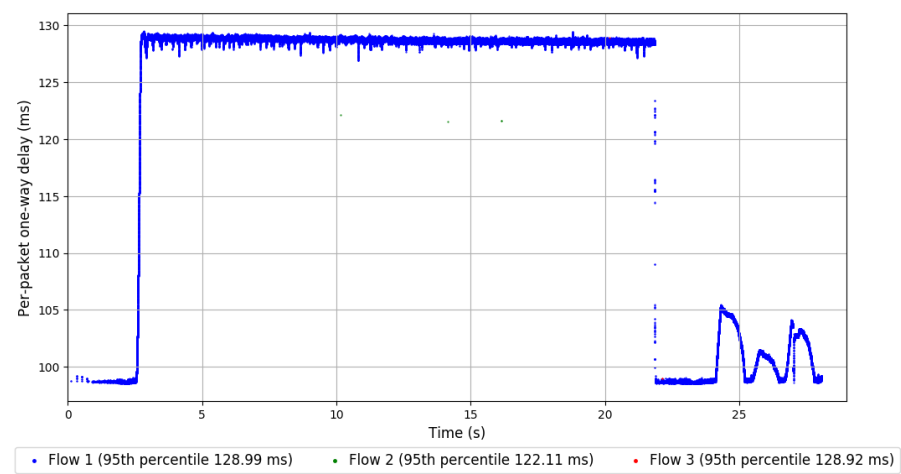
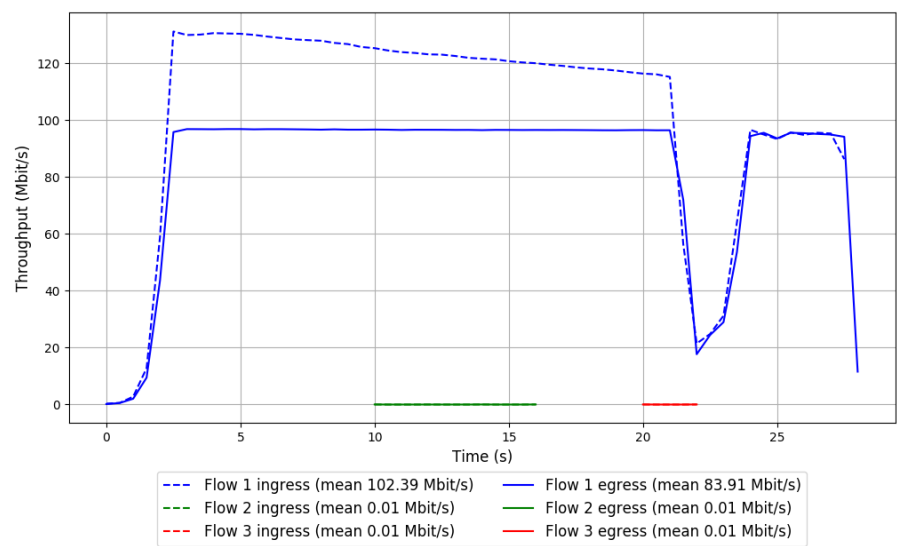


Run 2: Statistics of Copa

Start at: 2018-01-26 14:32:28
End at: 2018-01-26 14:32:58
Local clock offset: 0.062 ms
Remote clock offset: -11.04 ms

Below is generated by plot.py at 2018-01-26 18:12:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 128.988 ms
Loss rate: 18.05%
-- Flow 1:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 128.988 ms
Loss rate: 18.05%
-- Flow 2:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 122.107 ms
Loss rate: 28.83%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 128.917 ms
Loss rate: 3.83%

Run 2: Report of Copa — Data Link

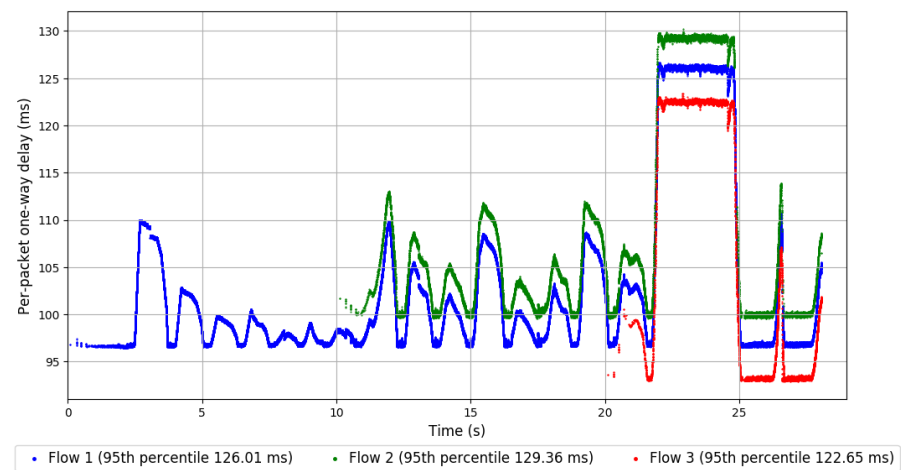
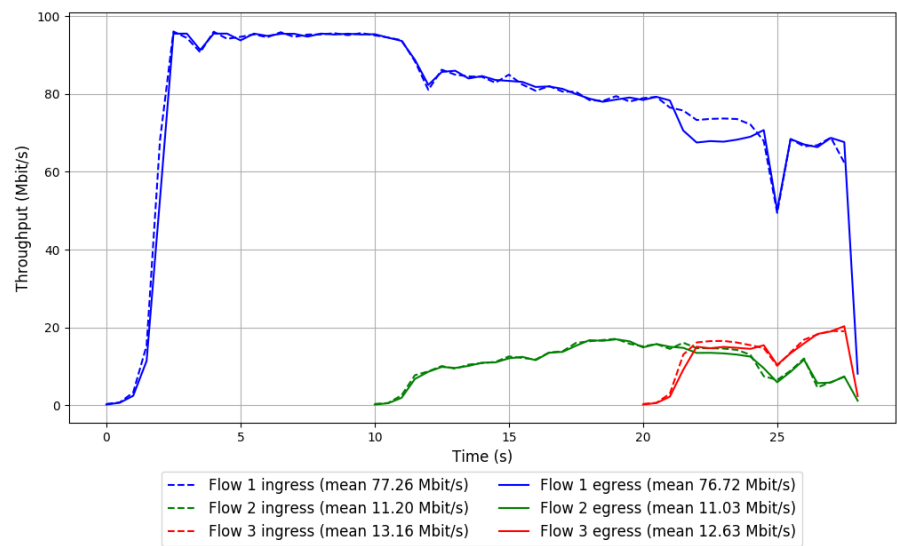


Run 3: Statistics of Copa

Start at: 2018-01-26 14:53:34
End at: 2018-01-26 14:54:04
Local clock offset: 0.034 ms
Remote clock offset: -10.843 ms

Below is generated by plot.py at 2018-01-26 18:12:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 126.062 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 76.72 Mbit/s
95th percentile per-packet one-way delay: 126.010 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 129.362 ms
Loss rate: 1.56%
-- Flow 3:
Average throughput: 12.63 Mbit/s
95th percentile per-packet one-way delay: 122.653 ms
Loss rate: 3.92%

Run 3: Report of Copa — Data Link

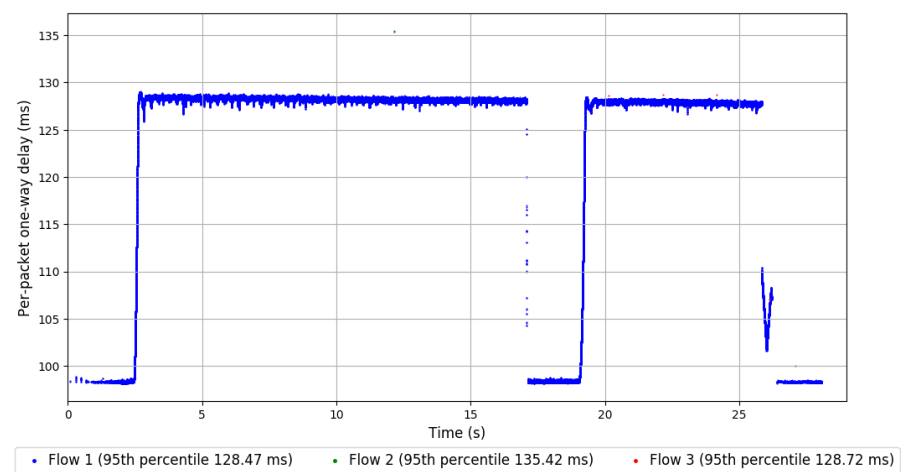
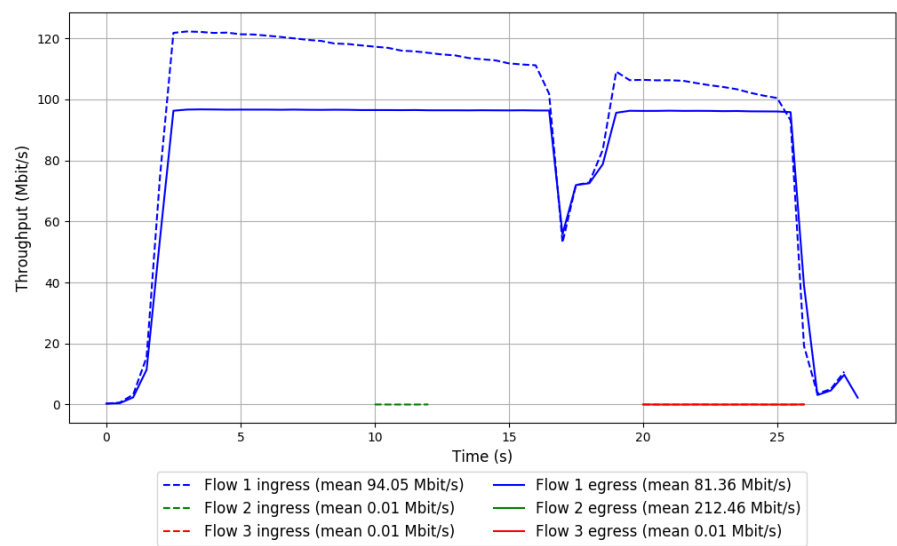


Run 4: Statistics of Copa

Start at: 2018-01-26 15:14:48
End at: 2018-01-26 15:15:18
Local clock offset: -0.255 ms
Remote clock offset: -6.277 ms

```
# Below is generated by plot.py at 2018-01-26 18:12:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.36 Mbit/s
95th percentile per-packet one-way delay: 128.465 ms
Loss rate: 13.50%
-- Flow 1:
Average throughput: 81.36 Mbit/s
95th percentile per-packet one-way delay: 128.465 ms
Loss rate: 13.50%
-- Flow 2:
Average throughput: 212.46 Mbit/s
95th percentile per-packet one-way delay: 135.422 ms
Loss rate: 50.00%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 128.724 ms
Loss rate: 5.74%
```

Run 4: Report of Copa — Data Link

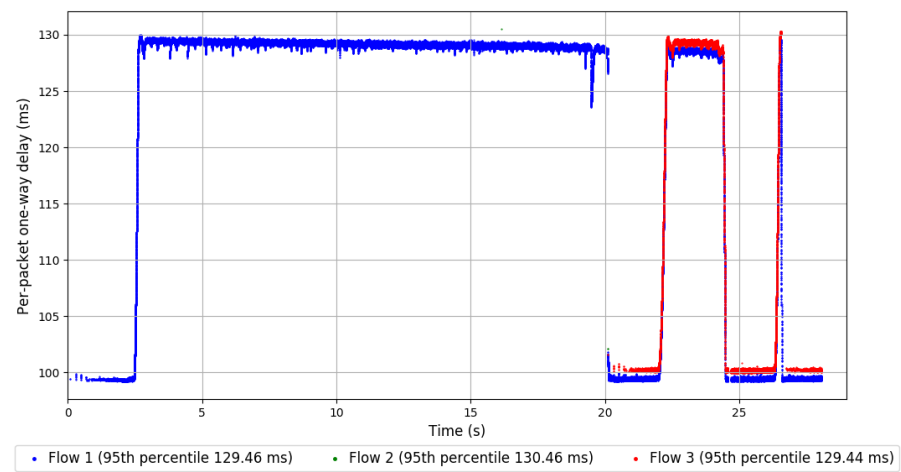
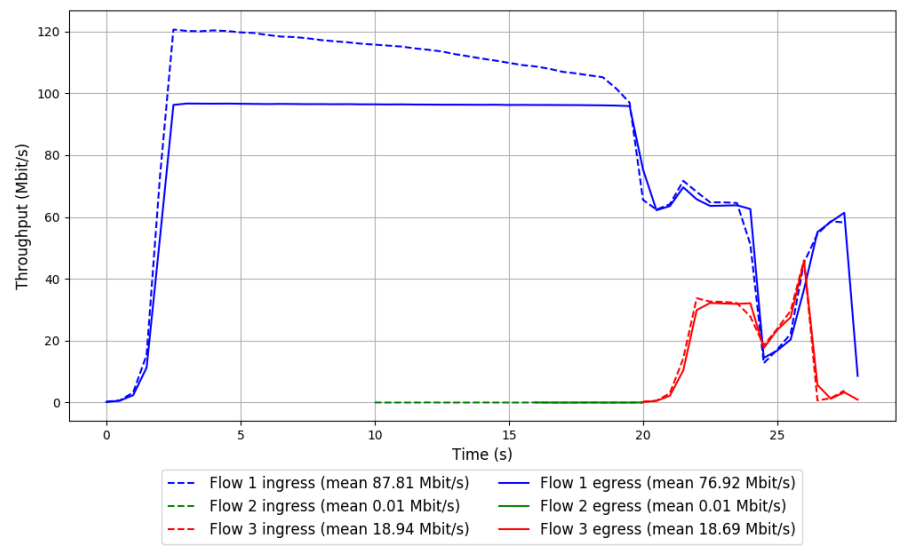


Run 5: Statistics of Copa

Start at: 2018-01-26 15:36:05
End at: 2018-01-26 15:36:35
Local clock offset: -0.44 ms
Remote clock offset: -6.797 ms

Below is generated by plot.py at 2018-01-26 18:12:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 129.463 ms
Loss rate: 11.77%
-- Flow 1:
Average throughput: 76.92 Mbit/s
95th percentile per-packet one-way delay: 129.464 ms
Loss rate: 12.41%
-- Flow 2:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 130.457 ms
Loss rate: 67.94%
-- Flow 3:
Average throughput: 18.69 Mbit/s
95th percentile per-packet one-way delay: 129.445 ms
Loss rate: 1.34%

Run 5: Report of Copa — Data Link

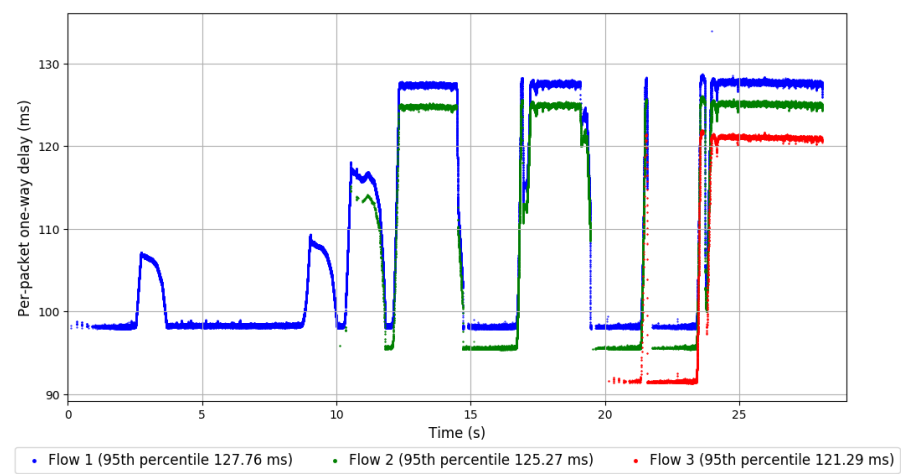
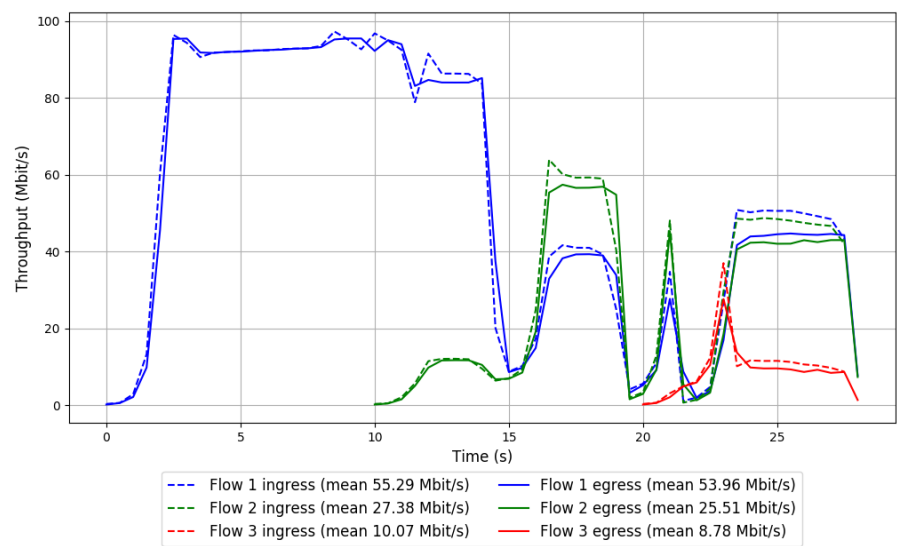


Run 6: Statistics of Copa

Start at: 2018-01-26 15:57:16
End at: 2018-01-26 15:57:46
Local clock offset: -0.611 ms
Remote clock offset: -11.125 ms

Below is generated by plot.py at 2018-01-26 18:12:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.84 Mbit/s
95th percentile per-packet one-way delay: 127.722 ms
Loss rate: 3.72%
-- Flow 1:
Average throughput: 53.96 Mbit/s
95th percentile per-packet one-way delay: 127.764 ms
Loss rate: 2.31%
-- Flow 2:
Average throughput: 25.51 Mbit/s
95th percentile per-packet one-way delay: 125.268 ms
Loss rate: 6.70%
-- Flow 3:
Average throughput: 8.78 Mbit/s
95th percentile per-packet one-way delay: 121.288 ms
Loss rate: 12.53%

Run 6: Report of Copa — Data Link

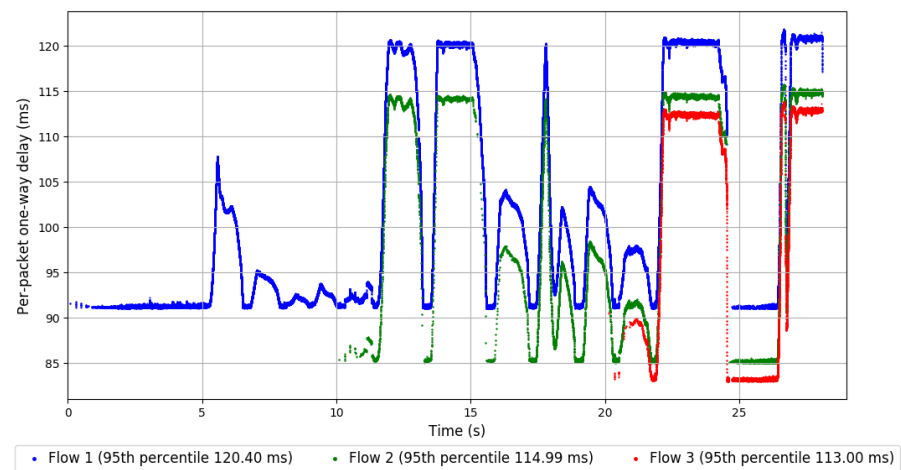
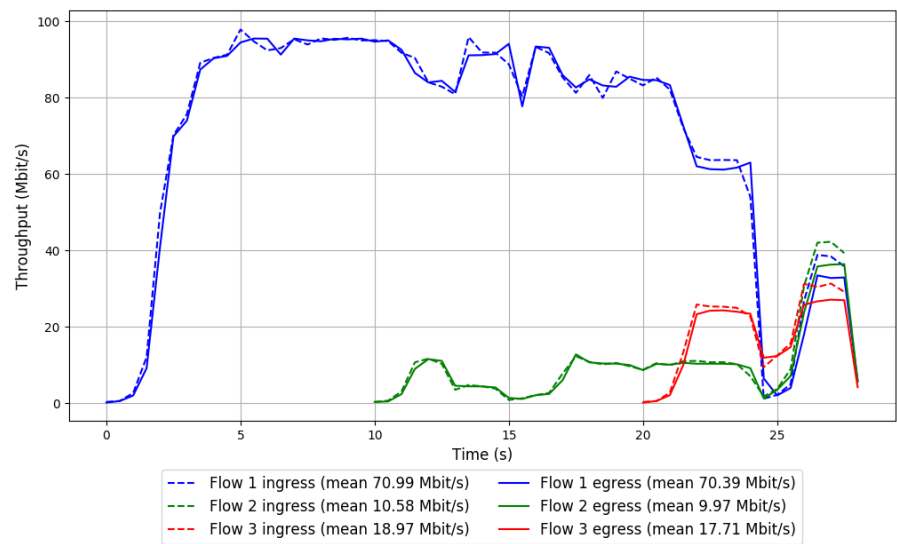


Run 7: Statistics of Copa

Start at: 2018-01-26 16:18:18
End at: 2018-01-26 16:18:48
Local clock offset: -0.727 ms
Remote clock offset: -20.488 ms

Below is generated by plot.py at 2018-01-26 18:13:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.83 Mbit/s
95th percentile per-packet one-way delay: 120.379 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 70.39 Mbit/s
95th percentile per-packet one-way delay: 120.404 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 9.97 Mbit/s
95th percentile per-packet one-way delay: 114.988 ms
Loss rate: 5.54%
-- Flow 3:
Average throughput: 17.71 Mbit/s
95th percentile per-packet one-way delay: 113.003 ms
Loss rate: 6.38%

Run 7: Report of Copa — Data Link

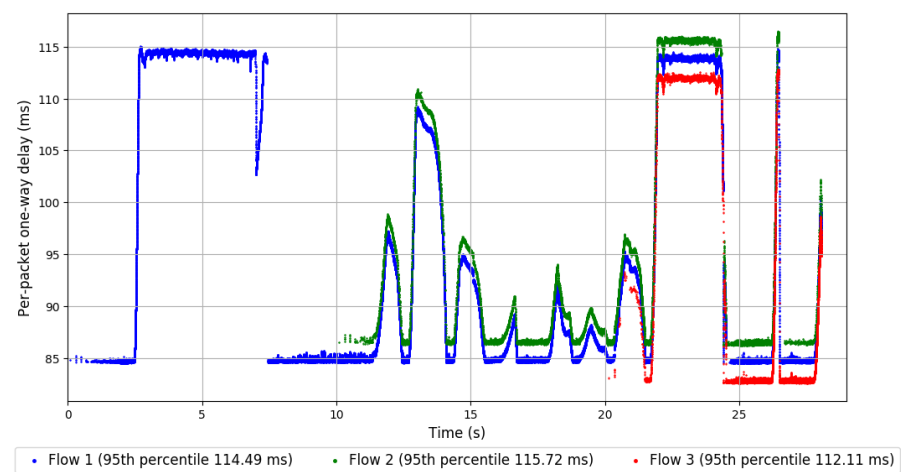
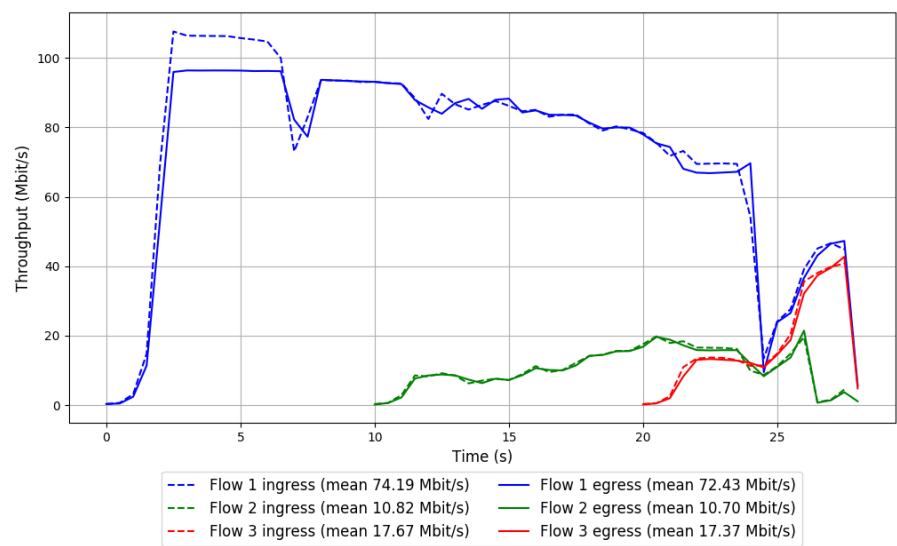


Run 8: Statistics of Copa

Start at: 2018-01-26 16:39:20
End at: 2018-01-26 16:39:50
Local clock offset: -0.494 ms
Remote clock offset: -18.882 ms

Below is generated by plot.py at 2018-01-26 18:13:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.23 Mbit/s
95th percentile per-packet one-way delay: 114.514 ms
Loss rate: 2.18%
-- Flow 1:
Average throughput: 72.43 Mbit/s
95th percentile per-packet one-way delay: 114.490 ms
Loss rate: 2.33%
-- Flow 2:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 115.716 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 17.37 Mbit/s
95th percentile per-packet one-way delay: 112.112 ms
Loss rate: 1.56%

Run 8: Report of Copa — Data Link

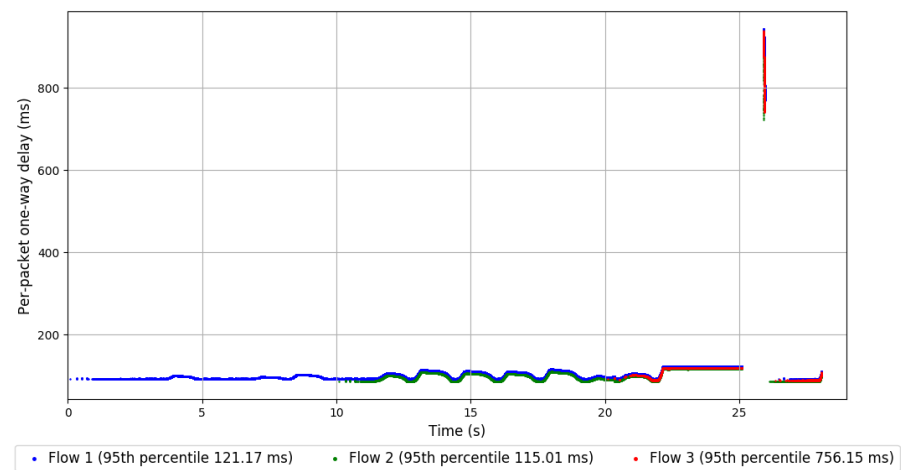
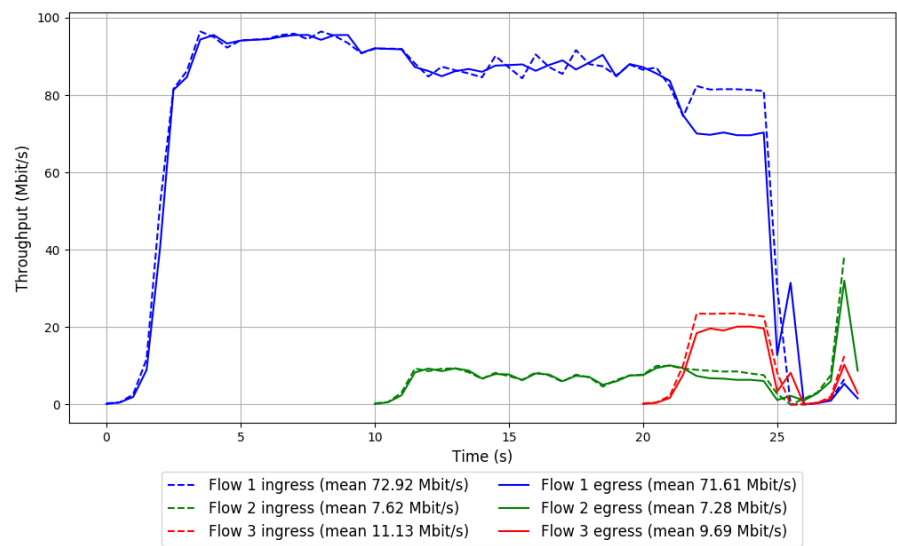


Run 9: Statistics of Copa

Start at: 2018-01-26 17:00:31
End at: 2018-01-26 17:01:01
Local clock offset: -0.585 ms
Remote clock offset: -17.307 ms

Below is generated by plot.py at 2018-01-26 18:13:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 121.167 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 71.61 Mbit/s
95th percentile per-packet one-way delay: 121.174 ms
Loss rate: 1.75%
-- Flow 2:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 115.011 ms
Loss rate: 4.33%
-- Flow 3:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 756.154 ms
Loss rate: 12.78%

Run 9: Report of Copa — Data Link

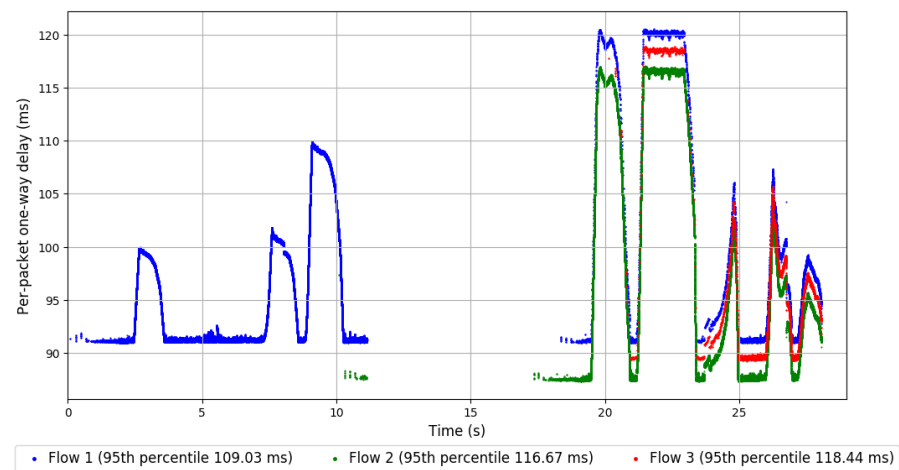
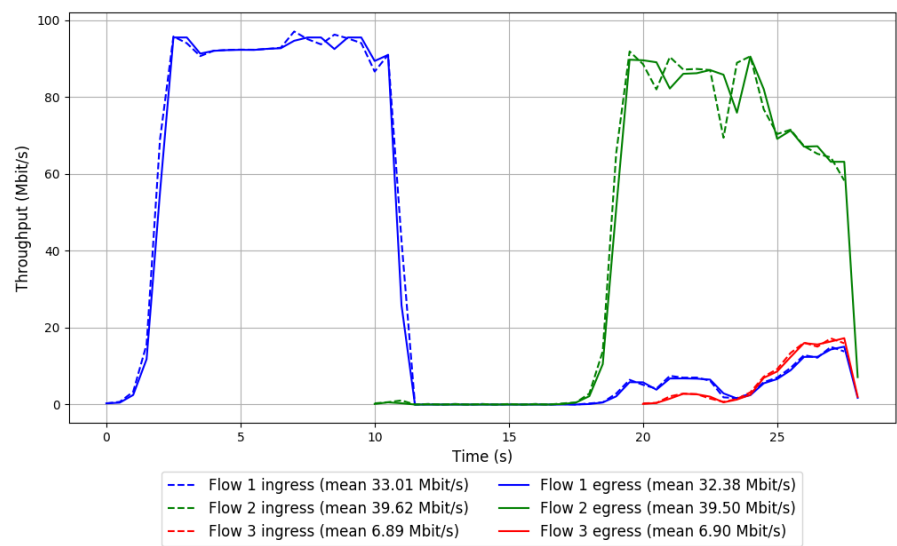


Run 10: Statistics of Copa

Start at: 2018-01-26 17:21:43
End at: 2018-01-26 17:22:13
Local clock offset: -0.434 ms
Remote clock offset: -8.678 ms

Below is generated by plot.py at 2018-01-26 18:14:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.69 Mbit/s
95th percentile per-packet one-way delay: 116.596 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 109.027 ms
Loss rate: 1.89%
-- Flow 2:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 116.665 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 118.439 ms
Loss rate: 0.26%

Run 10: Report of Copa — Data Link

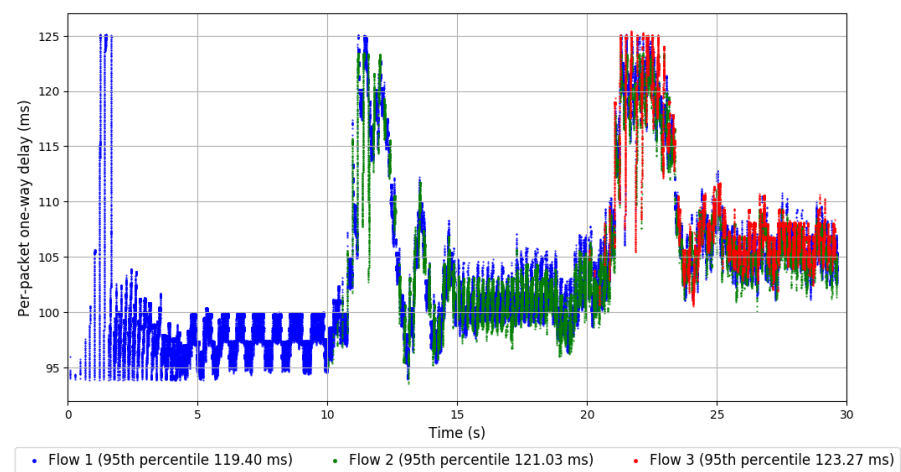
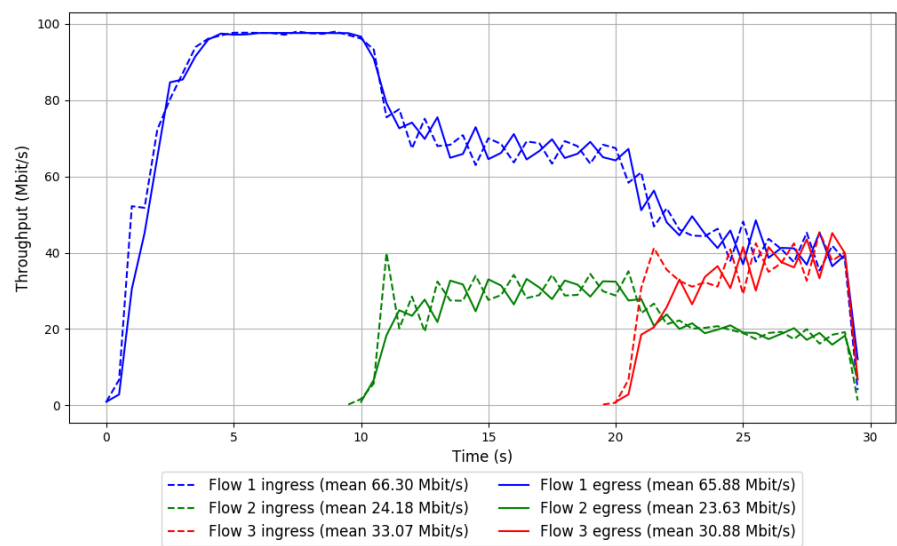


Run 1: Statistics of Indigo-2-256

Start at: 2018-01-26 14:25:52
End at: 2018-01-26 14:26:22
Local clock offset: 0.061 ms
Remote clock offset: -10.718 ms

Below is generated by plot.py at 2018-01-26 18:14:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.46 Mbit/s
95th percentile per-packet one-way delay: 120.117 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 65.88 Mbit/s
95th percentile per-packet one-way delay: 119.403 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 121.026 ms
Loss rate: 2.20%
-- Flow 3:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 123.266 ms
Loss rate: 6.60%

Run 1: Report of Indigo-2-256 — Data Link

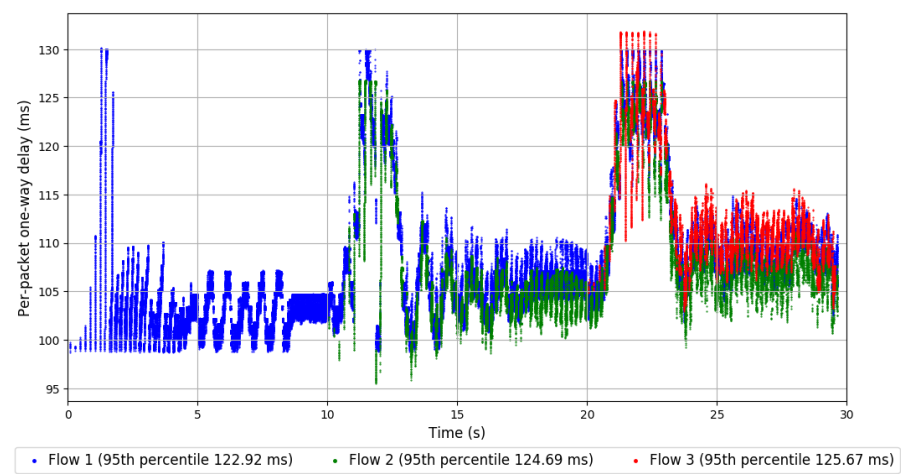
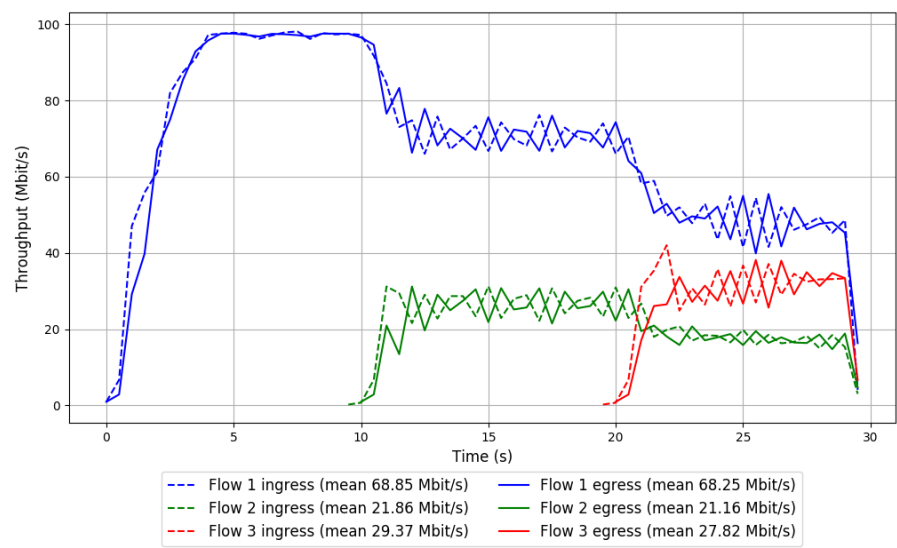


Run 2: Statistics of Indigo-2-256

Start at: 2018-01-26 14:46:55
End at: 2018-01-26 14:47:25
Local clock offset: 0.109 ms
Remote clock offset: -11.616 ms

Below is generated by plot.py at 2018-01-26 18:14:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.20 Mbit/s
95th percentile per-packet one-way delay: 123.642 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 68.25 Mbit/s
95th percentile per-packet one-way delay: 122.917 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 21.16 Mbit/s
95th percentile per-packet one-way delay: 124.685 ms
Loss rate: 3.19%
-- Flow 3:
Average throughput: 27.82 Mbit/s
95th percentile per-packet one-way delay: 125.672 ms
Loss rate: 5.25%

Run 2: Report of Indigo-2-256 — Data Link

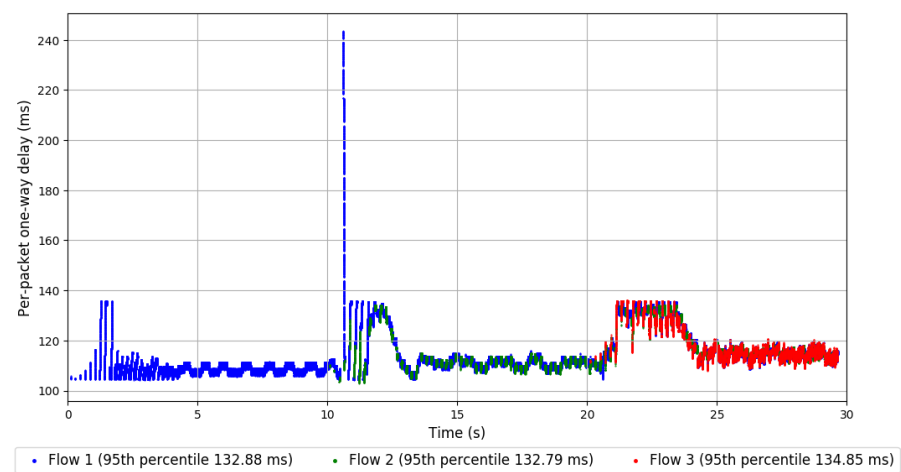
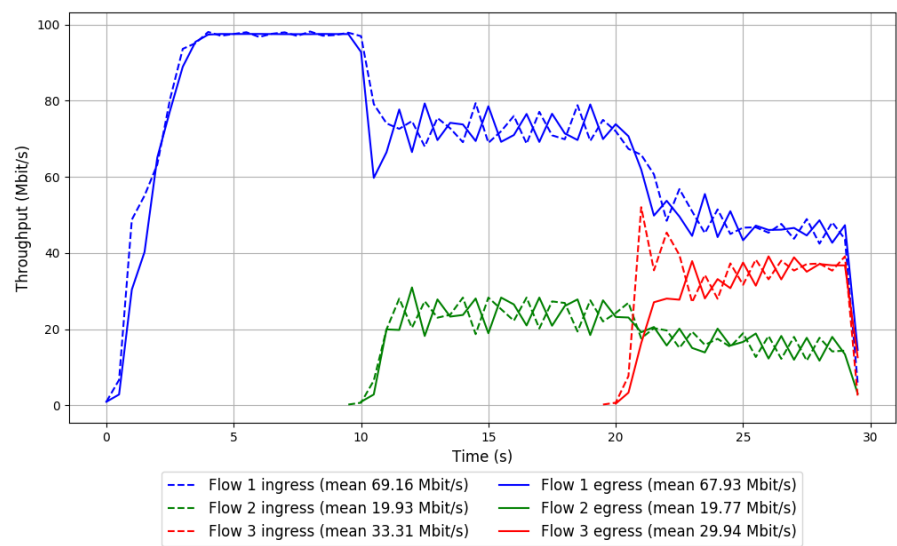


Run 3: Statistics of Indigo-2-256

Start at: 2018-01-26 15:08:07
End at: 2018-01-26 15:08:37
Local clock offset: -0.141 ms
Remote clock offset: -5.396 ms

Below is generated by plot.py at 2018-01-26 18:14:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.61 Mbit/s
95th percentile per-packet one-way delay: 132.896 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 67.93 Mbit/s
95th percentile per-packet one-way delay: 132.879 ms
Loss rate: 1.76%
-- Flow 2:
Average throughput: 19.77 Mbit/s
95th percentile per-packet one-way delay: 132.788 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 134.850 ms
Loss rate: 10.08%

Run 3: Report of Indigo-2-256 — Data Link

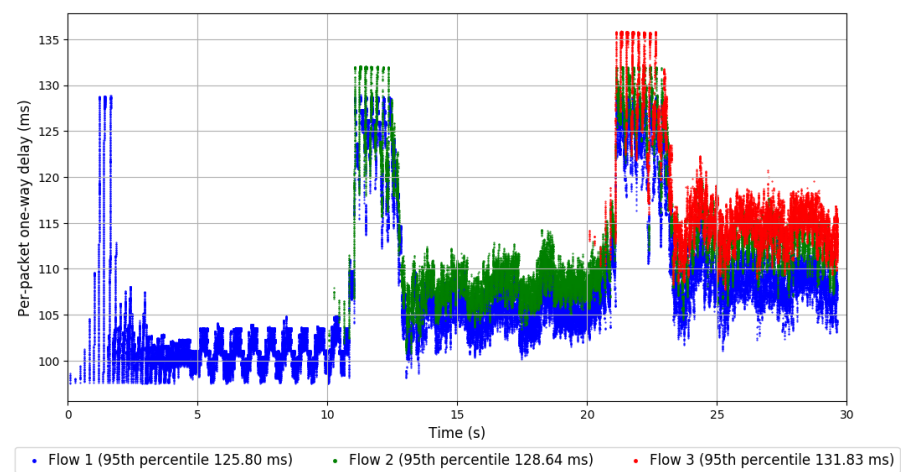
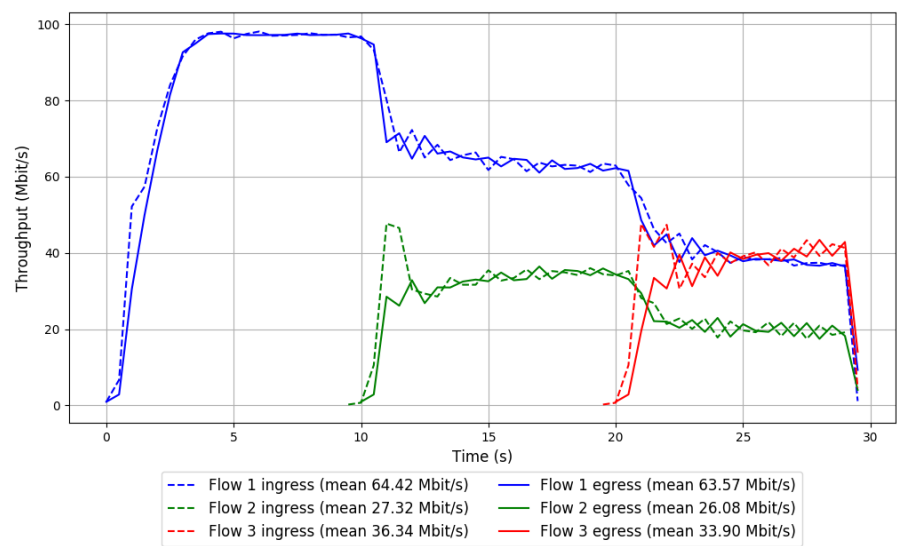


Run 4: Statistics of Indigo-2-256

Start at: 2018-01-26 15:29:19
End at: 2018-01-26 15:29:49
Local clock offset: -0.36 ms
Remote clock offset: -5.728 ms

Below is generated by plot.py at 2018-01-26 18:14:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.69 Mbit/s
95th percentile per-packet one-way delay: 126.897 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 63.57 Mbit/s
95th percentile per-packet one-way delay: 125.795 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 26.08 Mbit/s
95th percentile per-packet one-way delay: 128.639 ms
Loss rate: 4.50%
-- Flow 3:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 131.829 ms
Loss rate: 6.75%

Run 4: Report of Indigo-2-256 — Data Link

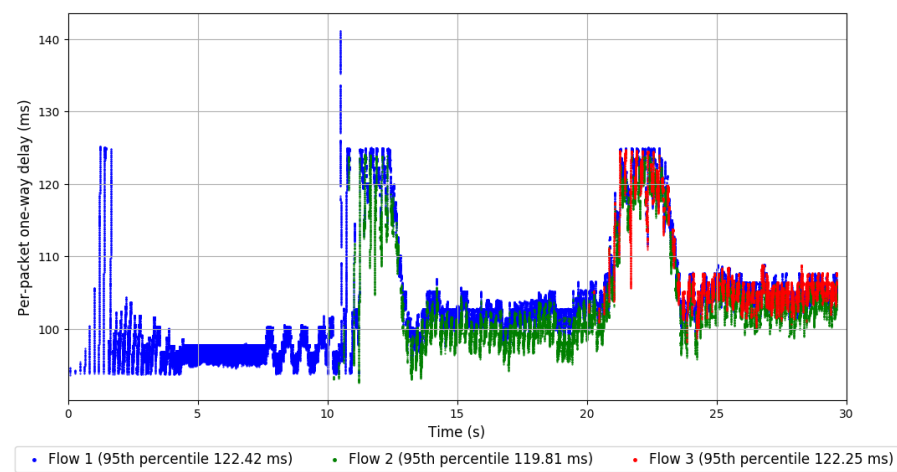
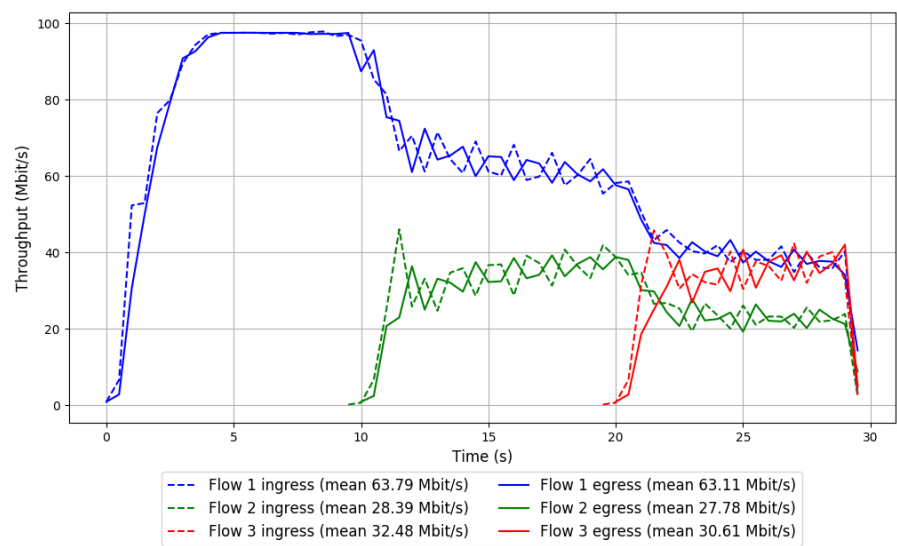


Run 5: Statistics of Indigo-2-256

Start at: 2018-01-26 15:50:37
End at: 2018-01-26 15:51:07
Local clock offset: -0.568 ms
Remote clock offset: -12.005 ms

Below is generated by plot.py at 2018-01-26 18:14:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 122.101 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 63.11 Mbit/s
95th percentile per-packet one-way delay: 122.415 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 27.78 Mbit/s
95th percentile per-packet one-way delay: 119.807 ms
Loss rate: 2.11%
-- Flow 3:
Average throughput: 30.61 Mbit/s
95th percentile per-packet one-way delay: 122.247 ms
Loss rate: 5.72%

Run 5: Report of Indigo-2-256 — Data Link

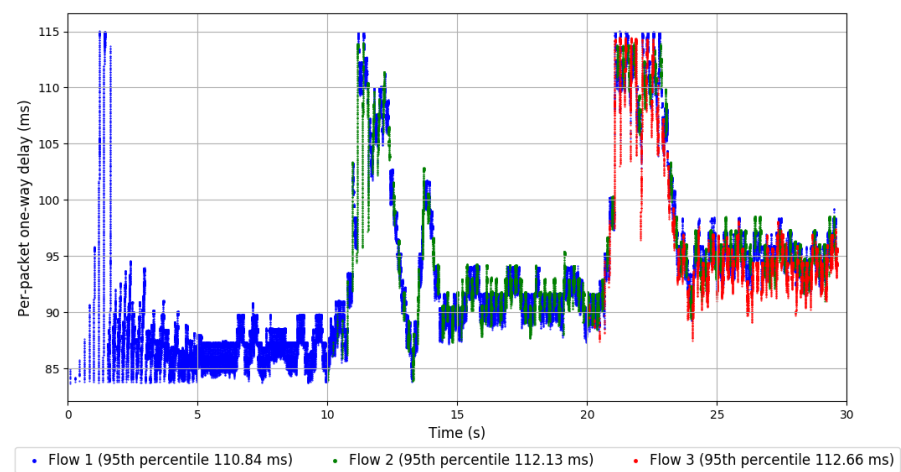
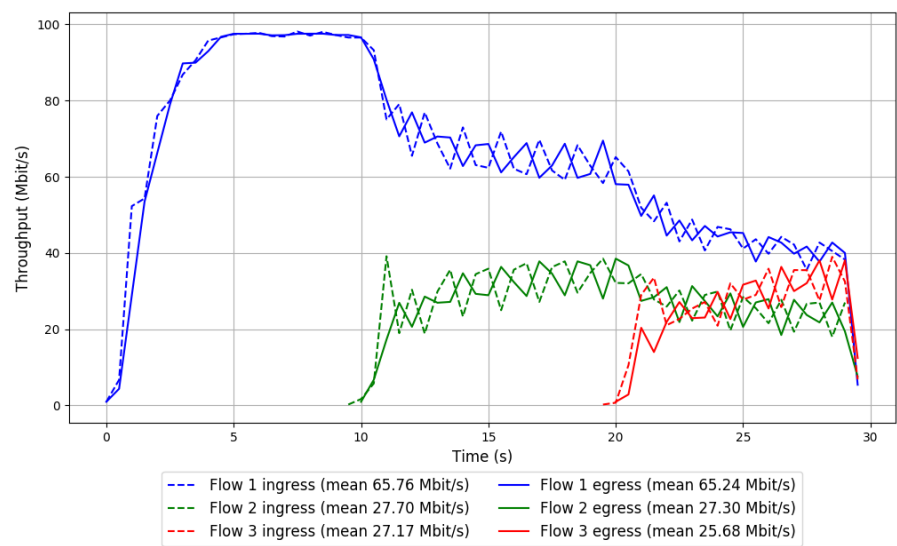


Run 6: Statistics of Indigo-2-256

Start at: 2018-01-26 16:11:43
End at: 2018-01-26 16:12:13
Local clock offset: -0.637 ms
Remote clock offset: -20.96 ms

Below is generated by plot.py at 2018-01-26 18:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.46 Mbit/s
95th percentile per-packet one-way delay: 111.127 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 65.24 Mbit/s
95th percentile per-packet one-way delay: 110.837 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 27.30 Mbit/s
95th percentile per-packet one-way delay: 112.134 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 25.68 Mbit/s
95th percentile per-packet one-way delay: 112.663 ms
Loss rate: 5.44%

Run 6: Report of Indigo-2-256 — Data Link

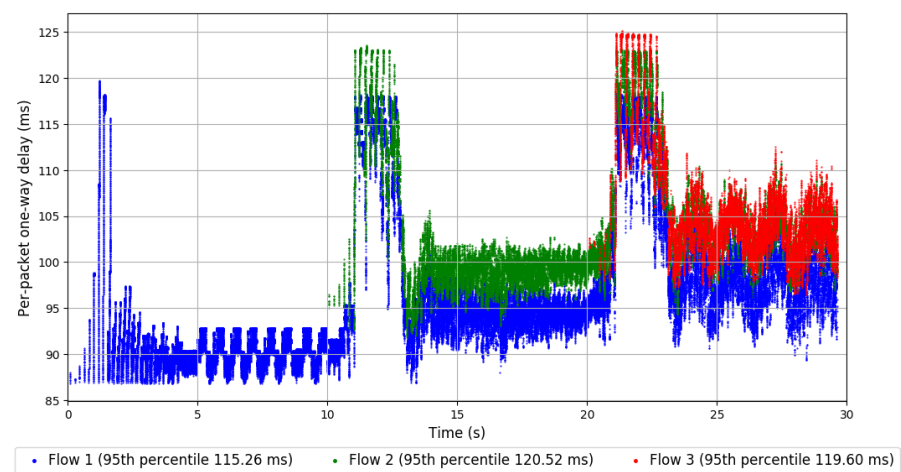
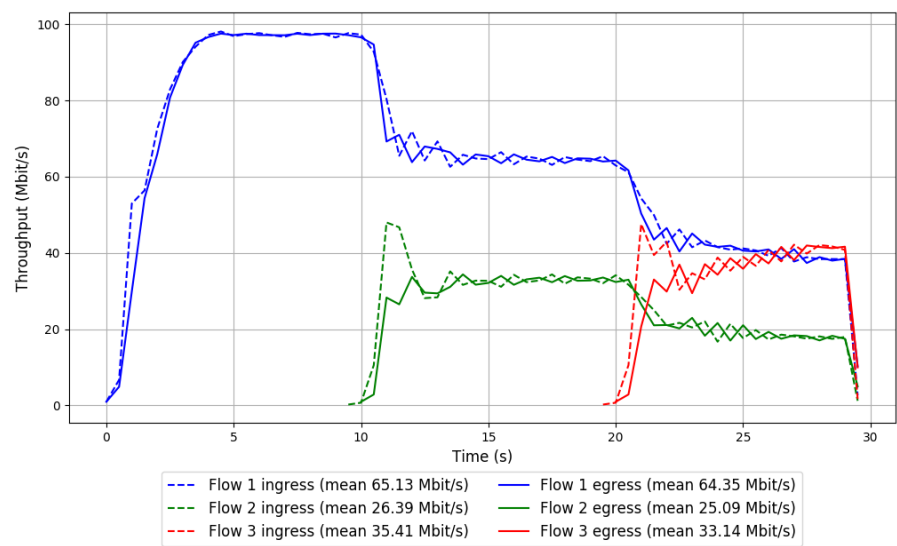


Run 7: Statistics of Indigo-2-256

Start at: 2018-01-26 16:32:44
End at: 2018-01-26 16:33:14
Local clock offset: -0.528 ms
Remote clock offset: -15.311 ms

Below is generated by plot.py at 2018-01-26 18:15:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.66 Mbit/s
95th percentile per-packet one-way delay: 116.433 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 64.35 Mbit/s
95th percentile per-packet one-way delay: 115.256 ms
Loss rate: 1.17%
-- Flow 2:
Average throughput: 25.09 Mbit/s
95th percentile per-packet one-way delay: 120.515 ms
Loss rate: 4.91%
-- Flow 3:
Average throughput: 33.14 Mbit/s
95th percentile per-packet one-way delay: 119.598 ms
Loss rate: 6.42%

Run 7: Report of Indigo-2-256 — Data Link

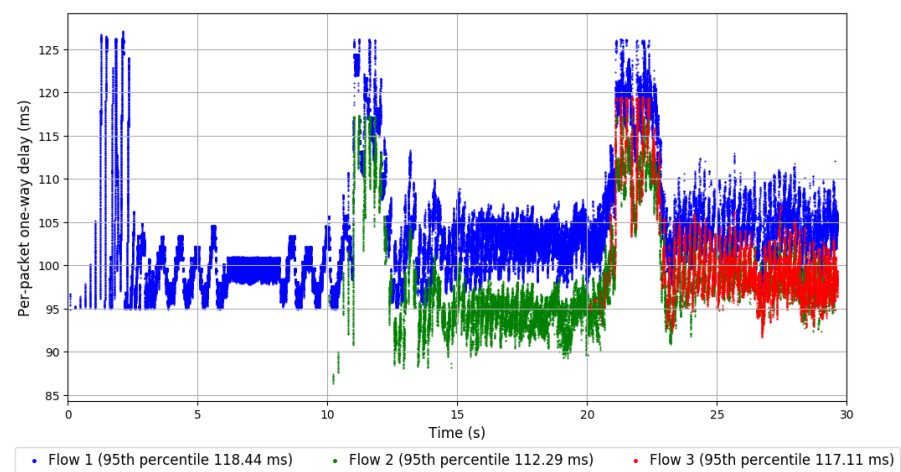
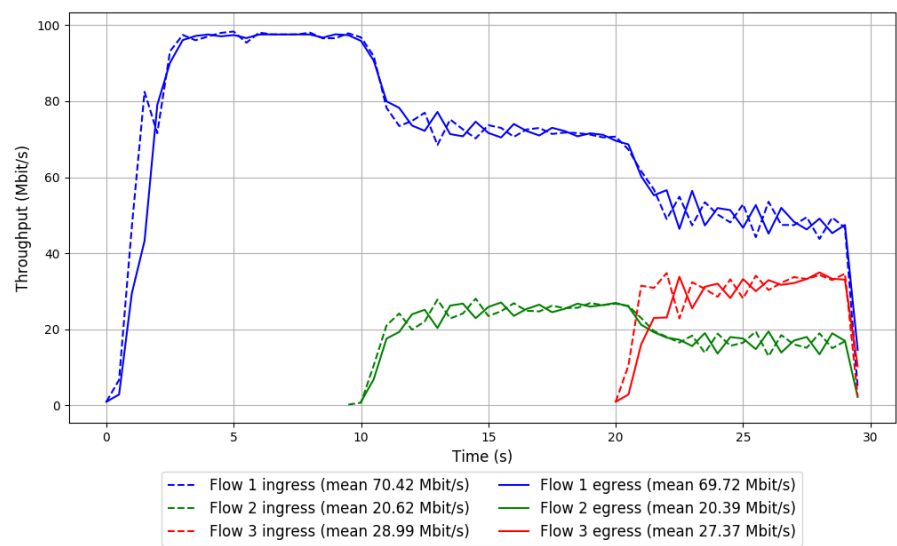


Run 8: Statistics of Indigo-2-256

Start at: 2018-01-26 16:53:47
End at: 2018-01-26 16:54:17
Local clock offset: -0.504 ms
Remote clock offset: -13.296 ms

Below is generated by plot.py at 2018-01-26 18:15:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 117.643 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 69.72 Mbit/s
95th percentile per-packet one-way delay: 118.437 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 112.287 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 27.37 Mbit/s
95th percentile per-packet one-way delay: 117.106 ms
Loss rate: 5.55%

Run 8: Report of Indigo-2-256 — Data Link



Run 9: Statistics of Indigo-2-256

Start at: 2018-01-26 17:14:58

End at: 2018-01-26 17:15:28

Local clock offset: -0.449 ms

Remote clock offset: -9.61 ms

Below is generated by plot.py at 2018-01-26 18:15:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.10 Mbit/s

95th percentile per-packet one-way delay: 117.692 ms

Loss rate: 1.99%

-- Flow 1:

Average throughput: 67.65 Mbit/s

95th percentile per-packet one-way delay: 116.470 ms

Loss rate: 0.61%

-- Flow 2:

Average throughput: 24.47 Mbit/s

95th percentile per-packet one-way delay: 119.299 ms

Loss rate: 3.12%

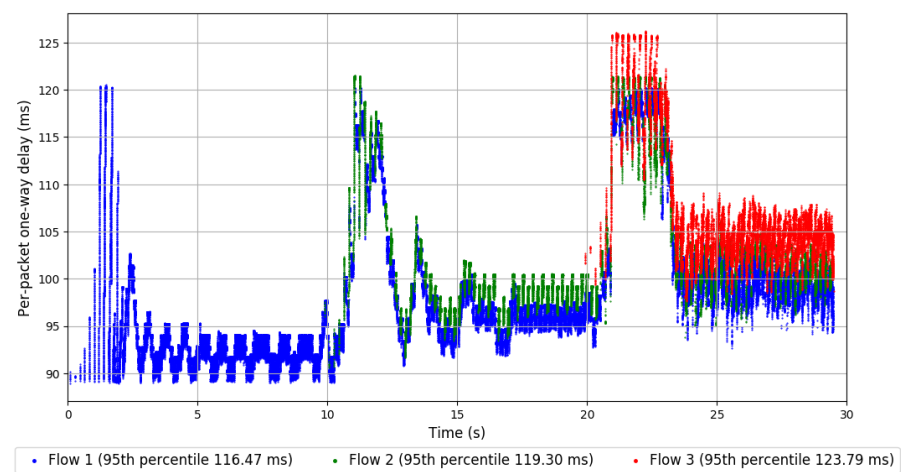
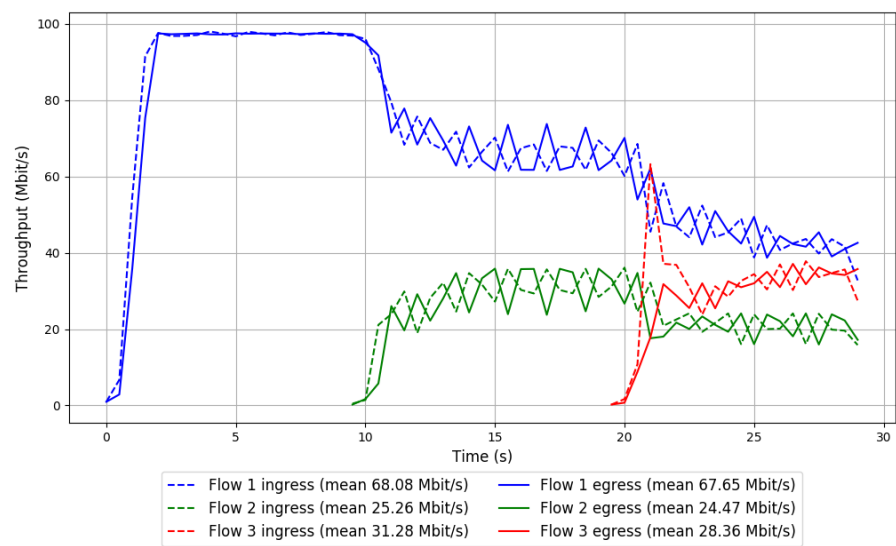
-- Flow 3:

Average throughput: 28.36 Mbit/s

95th percentile per-packet one-way delay: 123.788 ms

Loss rate: 9.36%

Run 9: Report of Indigo-2-256 — Data Link



Run 10: Statistics of Indigo-2-256

Start at: 2018-01-26 17:36:06

End at: 2018-01-26 17:36:36

Local clock offset: -0.521 ms

Remote clock offset: -6.7 ms

Below is generated by plot.py at 2018-01-26 18:15:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.85 Mbit/s

95th percentile per-packet one-way delay: 115.972 ms

Loss rate: 1.73%

-- Flow 1:

Average throughput: 63.35 Mbit/s

95th percentile per-packet one-way delay: 113.830 ms

Loss rate: 1.07%

-- Flow 2:

Average throughput: 29.07 Mbit/s

95th percentile per-packet one-way delay: 117.973 ms

Loss rate: 1.25%

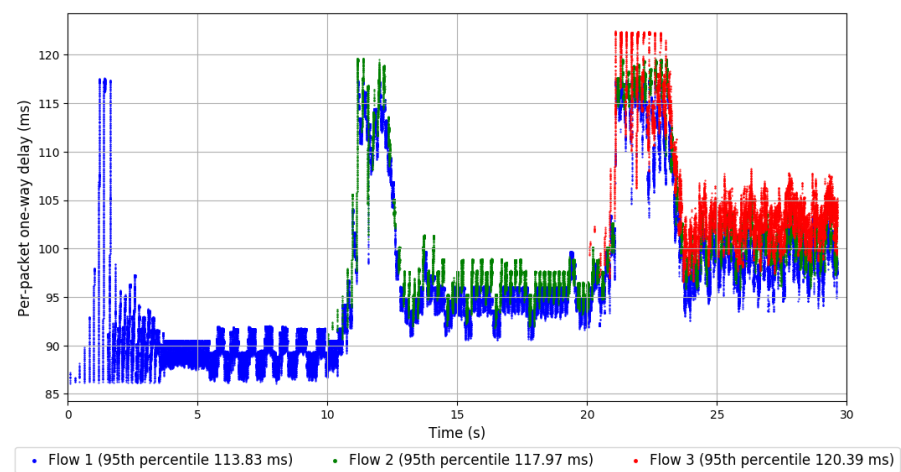
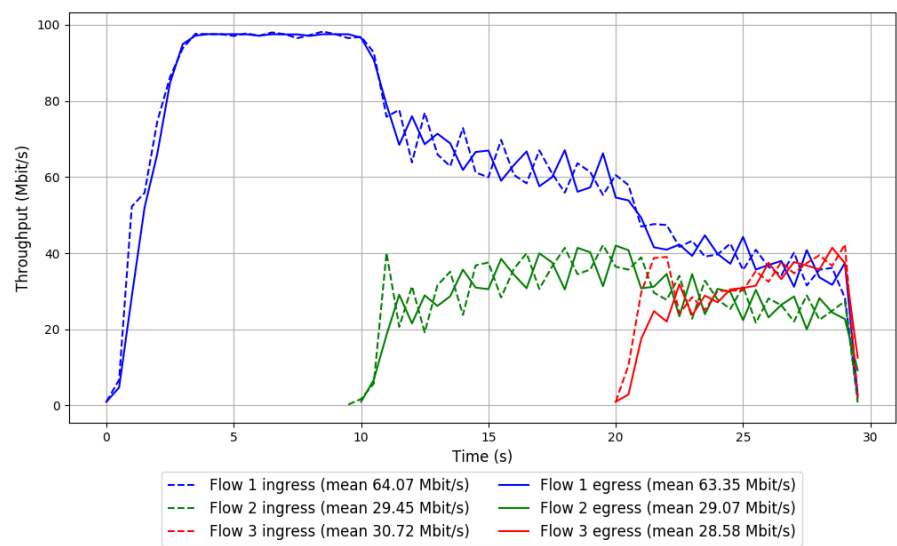
-- Flow 3:

Average throughput: 28.58 Mbit/s

95th percentile per-packet one-way delay: 120.390 ms

Loss rate: 6.90%

Run 10: Report of Indigo-2-256 — Data Link

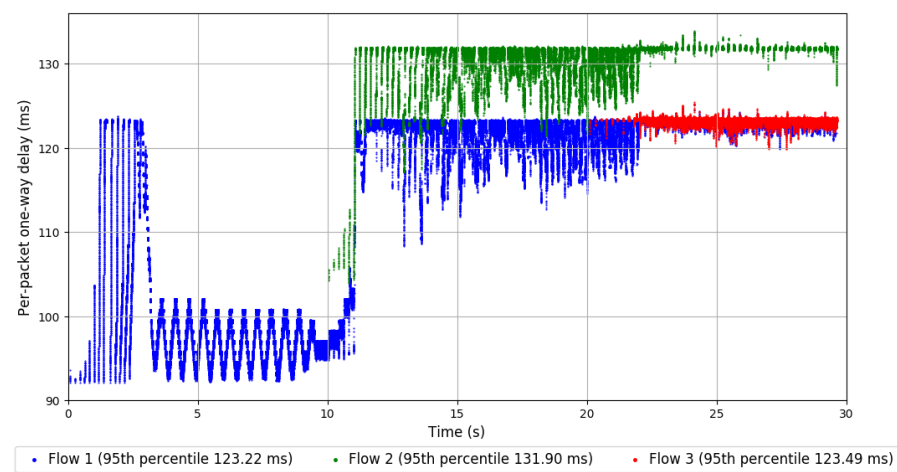
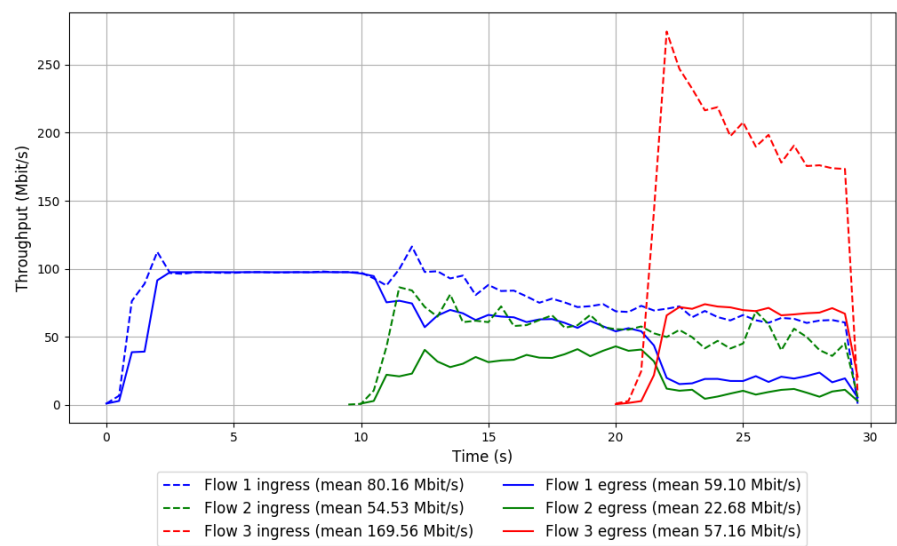


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-01-26 14:09:59
End at: 2018-01-26 14:10:29
Local clock offset: -0.071 ms
Remote clock offset: -10.143 ms

# Below is generated by plot.py at 2018-01-26 18:15:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.51 Mbit/s
95th percentile per-packet one-way delay: 131.728 ms
Loss rate: 45.82%
-- Flow 1:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 123.215 ms
Loss rate: 26.20%
-- Flow 2:
Average throughput: 22.68 Mbit/s
95th percentile per-packet one-way delay: 131.903 ms
Loss rate: 58.35%
-- Flow 3:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 123.494 ms
Loss rate: 66.28%
```

Run 1: Report of Indigo-1-32 — Data Link



Run 2: Statistics of Indigo-1-32

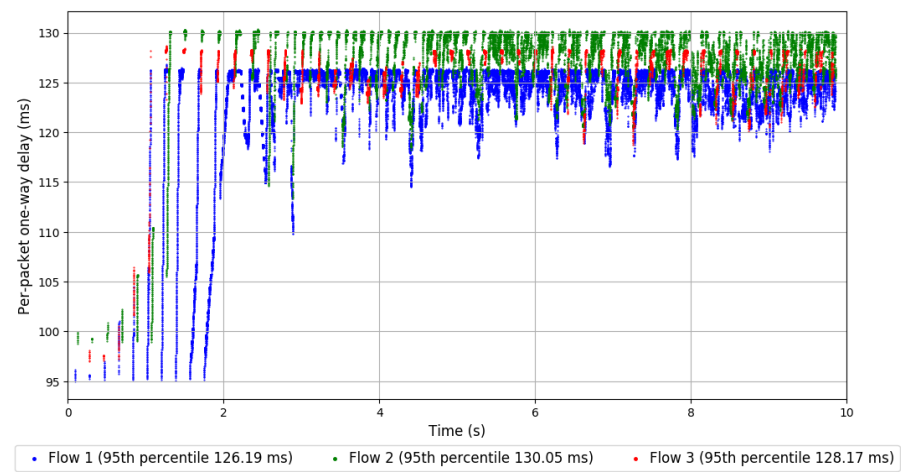
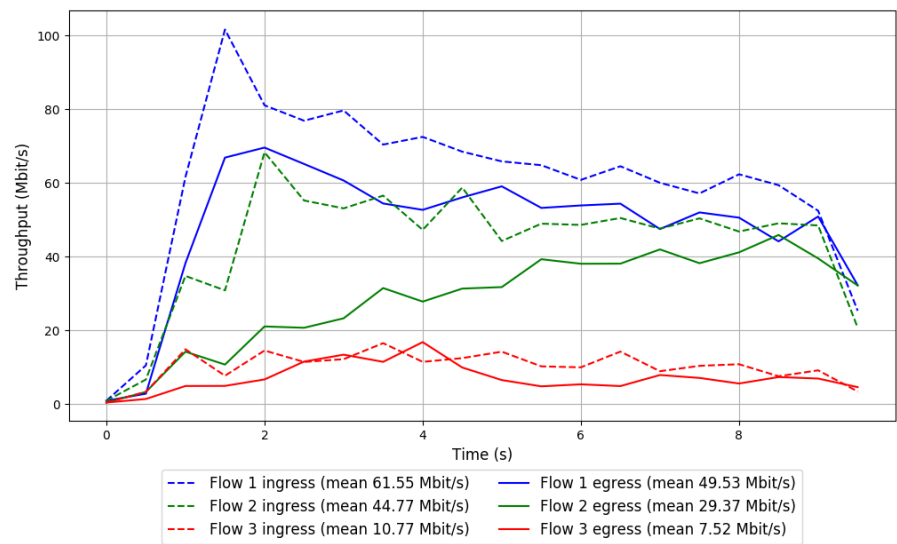
Start at: 2018-01-26 14:31:10

End at: 2018-01-26 14:31:40

Local clock offset: 0.041 ms

Remote clock offset: -10.996 ms

Run 2: Report of Indigo-1-32 — Data Link



Run 3: Statistics of Indigo-1-32

Start at: 2018-01-26 14:52:19

End at: 2018-01-26 14:52:49

Local clock offset: 0.113 ms

Remote clock offset: -11.772 ms

Run 3: Report of Indigo-1-32 — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Indigo-1-32

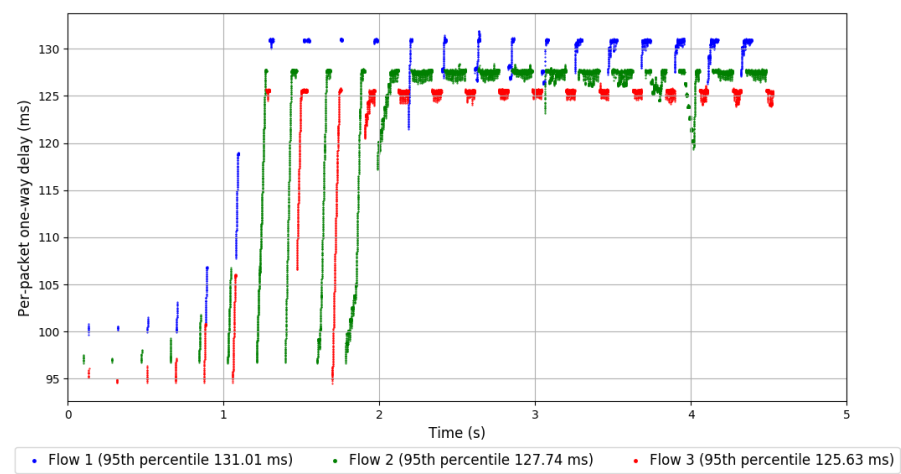
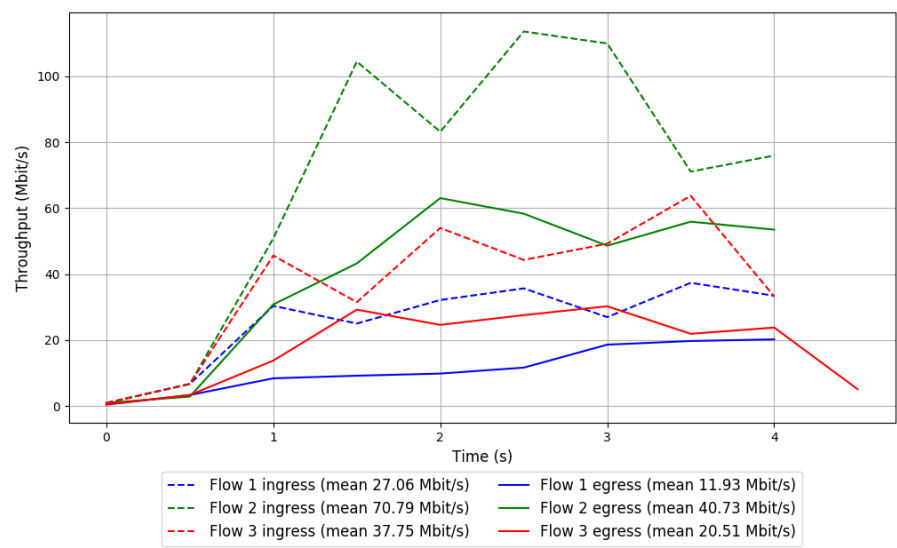
Start at: 2018-01-26 15:13:32

End at: 2018-01-26 15:14:02

Local clock offset: -0.238 ms

Remote clock offset: -10.075 ms

Run 4: Report of Indigo-1-32 — Data Link



Run 5: Statistics of Indigo-1-32

Start at: 2018-01-26 15:34:41

End at: 2018-01-26 15:35:11

Local clock offset: -0.422 ms

Remote clock offset: -10.718 ms

Below is generated by plot.py at 2018-01-26 18:16:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 132.309 ms

Loss rate: 36.12%

-- Flow 1:

Average throughput: 63.56 Mbit/s

95th percentile per-packet one-way delay: 132.352 ms

Loss rate: 18.68%

-- Flow 2:

Average throughput: 19.22 Mbit/s

95th percentile per-packet one-way delay: 125.700 ms

Loss rate: 47.44%

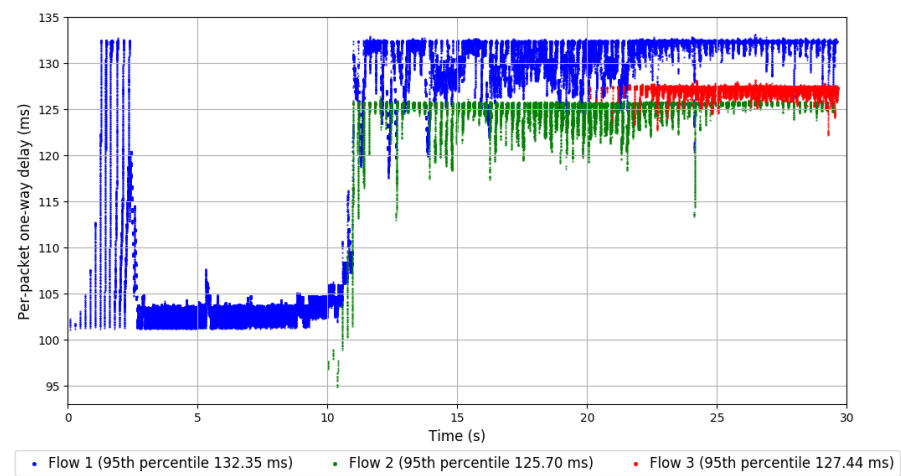
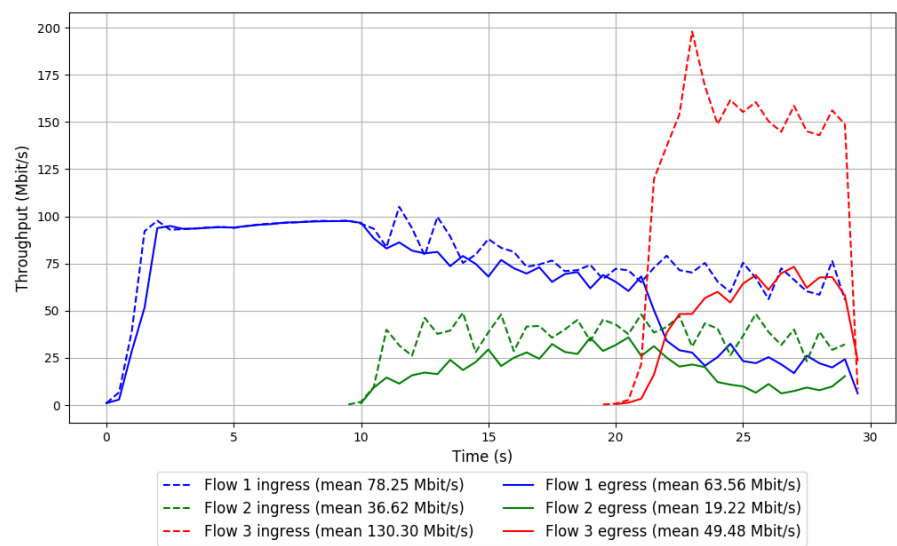
-- Flow 3:

Average throughput: 49.48 Mbit/s

95th percentile per-packet one-way delay: 127.442 ms

Loss rate: 62.03%

Run 5: Report of Indigo-1-32 — Data Link



Run 6: Statistics of Indigo-1-32

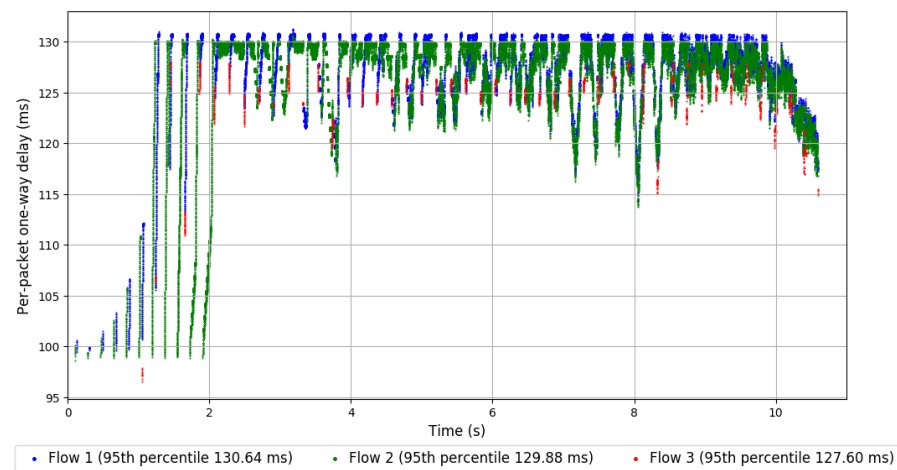
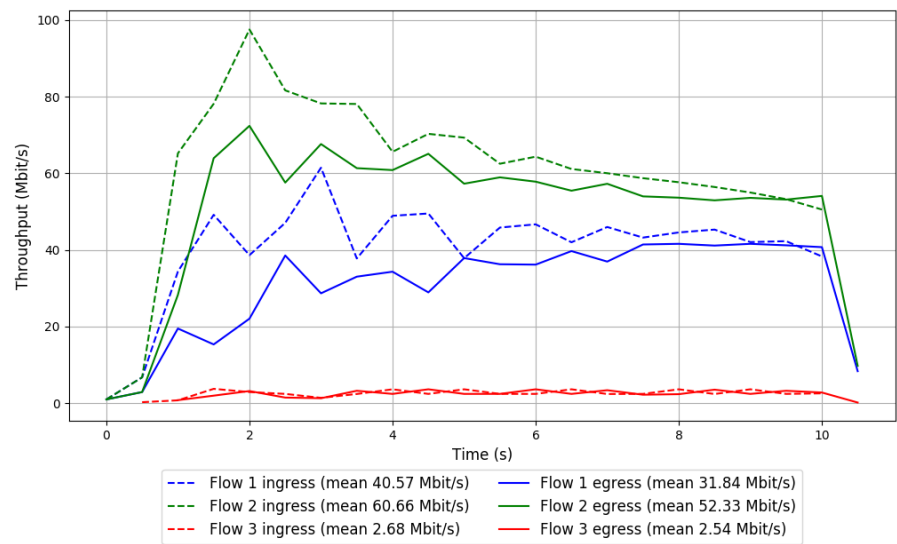
Start at: 2018-01-26 15:55:58

End at: 2018-01-26 15:56:28

Local clock offset: -0.664 ms

Remote clock offset: -6.282 ms

Run 6: Report of Indigo-1-32 — Data Link



Run 7: Statistics of Indigo-1-32

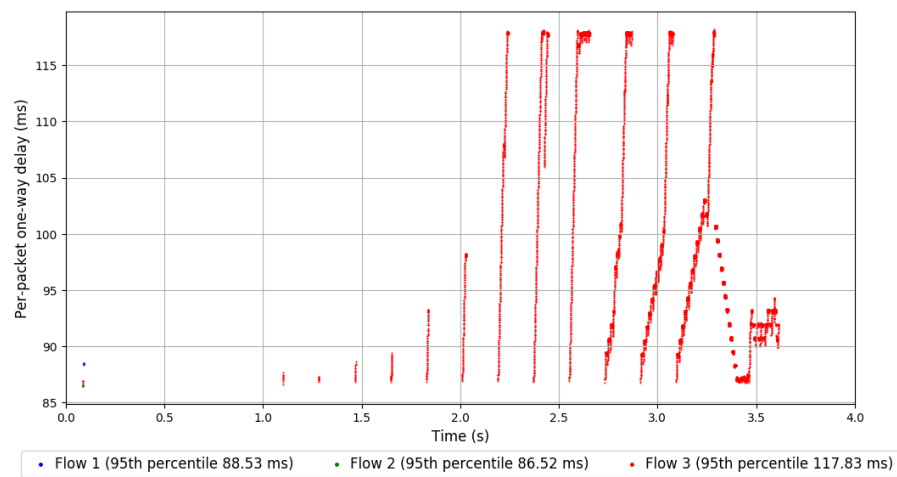
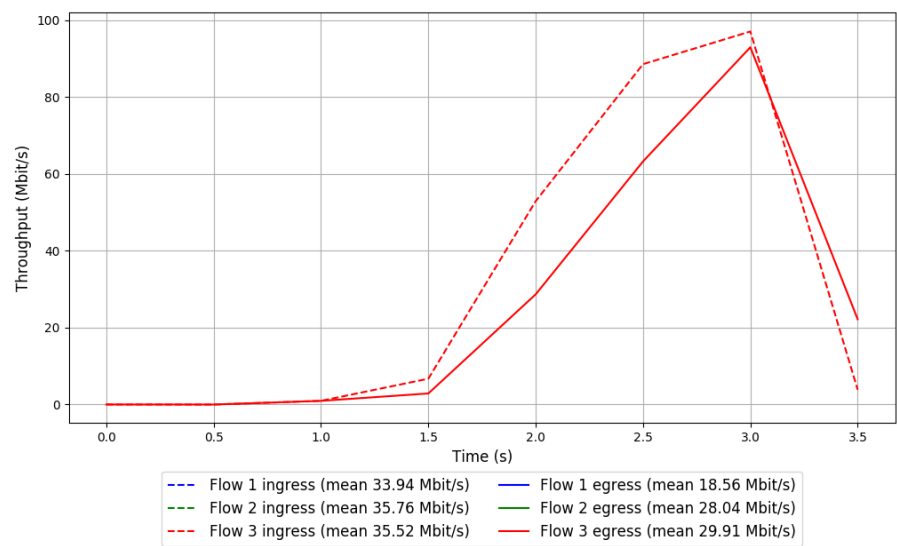
Start at: 2018-01-26 16:17:03

End at: 2018-01-26 16:17:33

Local clock offset: -0.705 ms

Remote clock offset: -16.723 ms

Run 7: Report of Indigo-1-32 — Data Link



Run 8: Statistics of Indigo-1-32

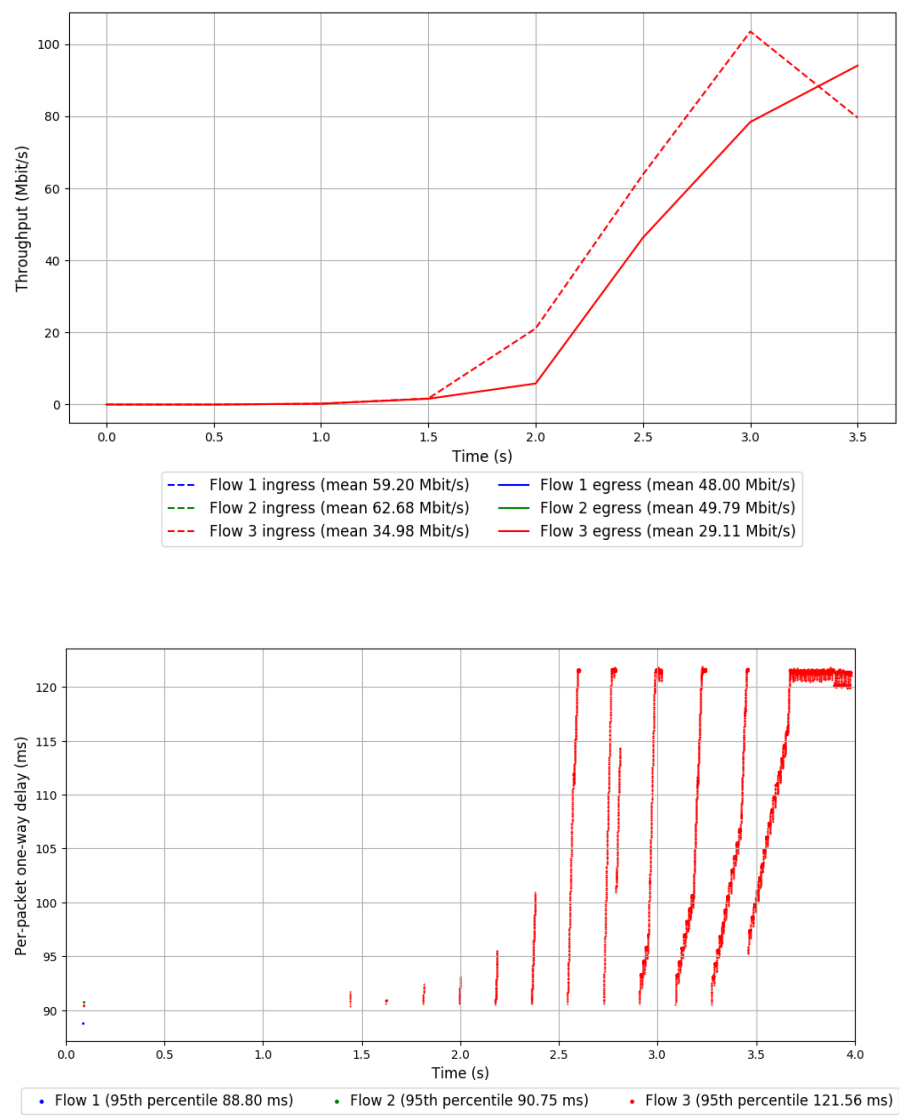
Start at: 2018-01-26 16:38:05

End at: 2018-01-26 16:38:35

Local clock offset: -0.539 ms

Remote clock offset: -13.204 ms

Run 8: Report of Indigo-1-32 — Data Link

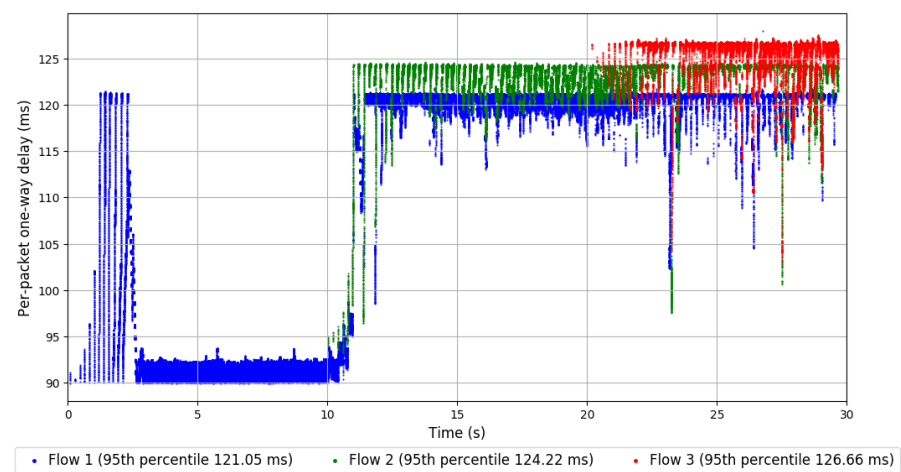
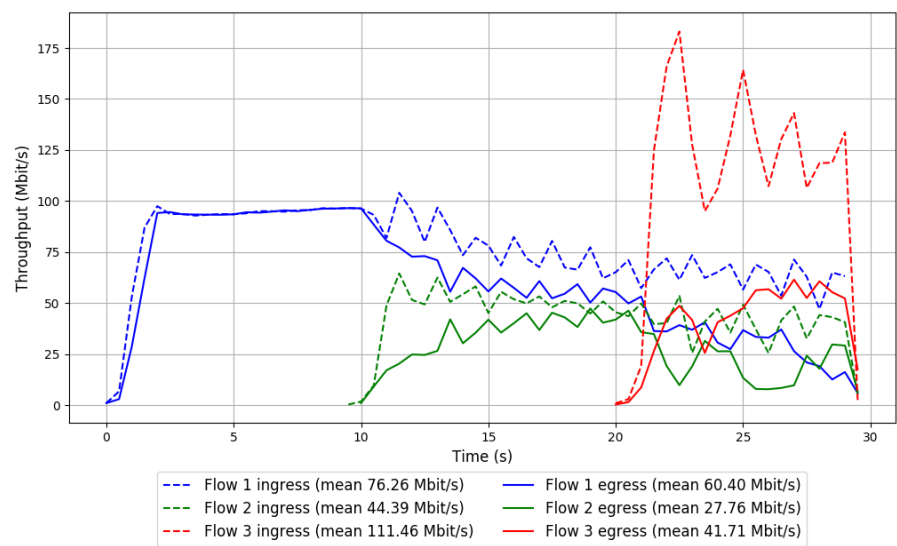


Run 9: Statistics of Indigo-1-32

Start at: 2018-01-26 16:59:08
End at: 2018-01-26 16:59:38
Local clock offset: -0.565 ms
Remote clock offset: -11.701 ms

Below is generated by plot.py at 2018-01-26 18:16:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.05 Mbit/s
95th percentile per-packet one-way delay: 126.528 ms
Loss rate: 34.80%
-- Flow 1:
Average throughput: 60.40 Mbit/s
95th percentile per-packet one-way delay: 121.053 ms
Loss rate: 20.72%
-- Flow 2:
Average throughput: 27.76 Mbit/s
95th percentile per-packet one-way delay: 124.220 ms
Loss rate: 37.37%
-- Flow 3:
Average throughput: 41.71 Mbit/s
95th percentile per-packet one-way delay: 126.664 ms
Loss rate: 62.58%

Run 9: Report of Indigo-1-32 — Data Link

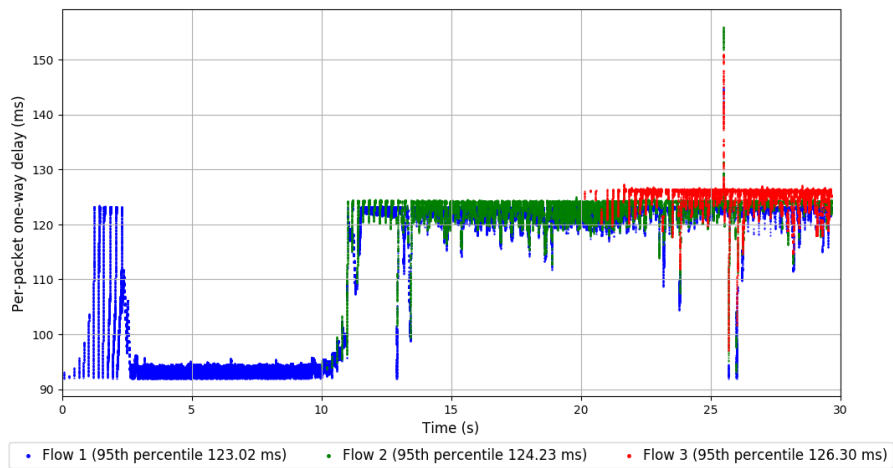
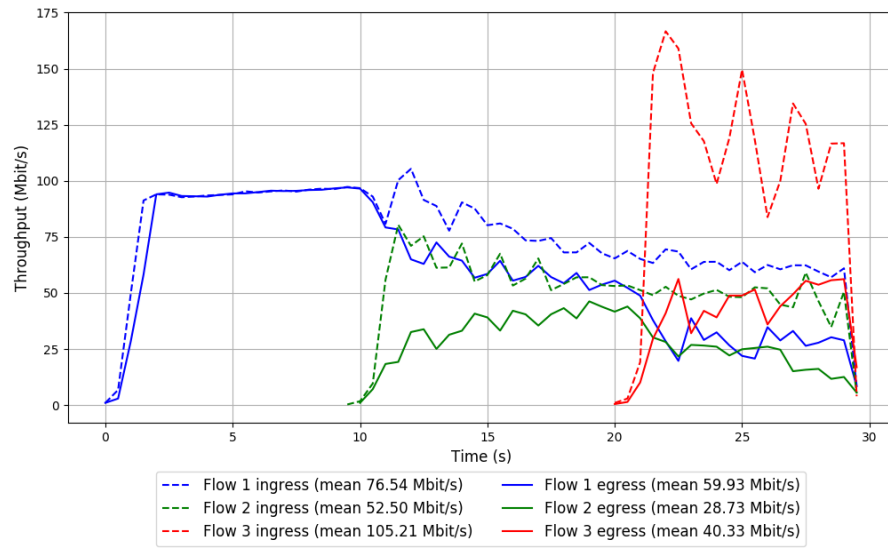


Run 10: Statistics of Indigo-1-32

Start at: 2018-01-26 17:20:19
End at: 2018-01-26 17:20:49
Local clock offset: -0.456 ms
Remote clock offset: -9.705 ms

Below is generated by plot.py at 2018-01-26 18:16:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 126.152 ms
Loss rate: 36.62%
-- Flow 1:
Average throughput: 59.93 Mbit/s
95th percentile per-packet one-way delay: 123.023 ms
Loss rate: 21.62%
-- Flow 2:
Average throughput: 28.73 Mbit/s
95th percentile per-packet one-way delay: 124.233 ms
Loss rate: 45.20%
-- Flow 3:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 126.299 ms
Loss rate: 61.66%

Run 10: Report of Indigo-1-32 — Data Link

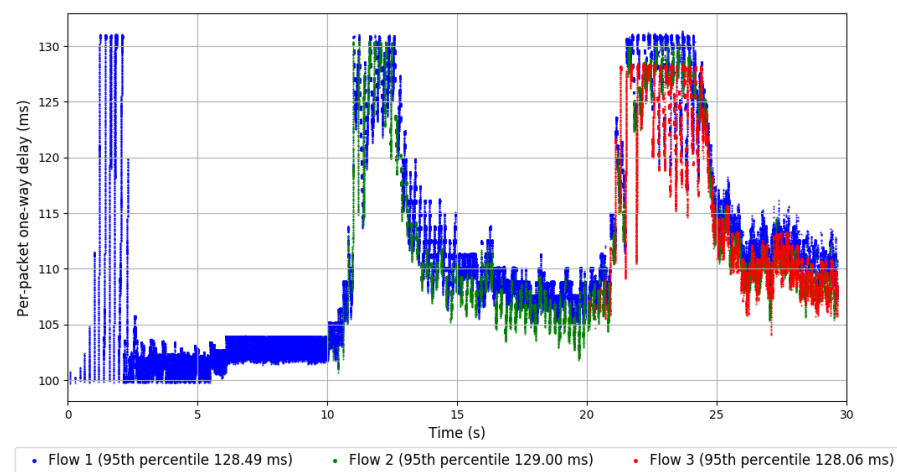
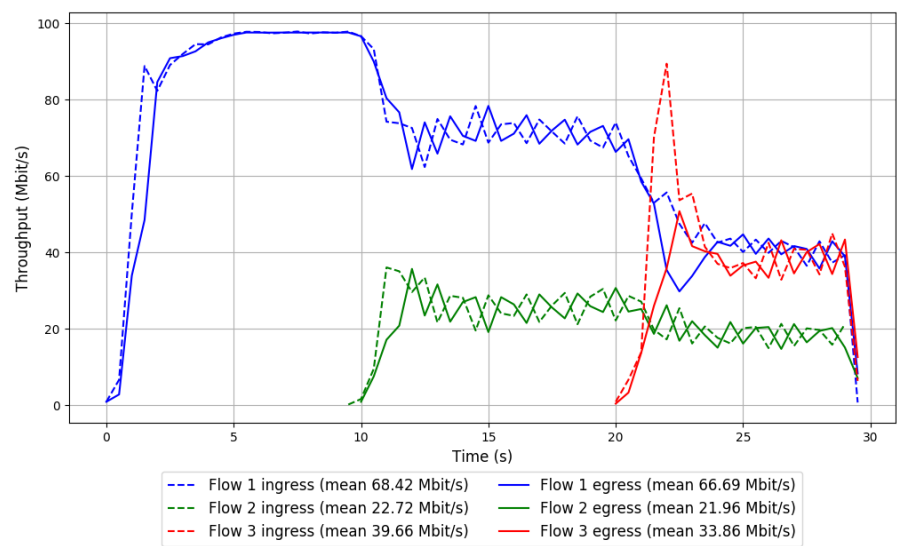


Run 1: Statistics of Indigo-1-128

Start at: 2018-01-26 14:21:58
End at: 2018-01-26 14:22:28
Local clock offset: -0.038 ms
Remote clock offset: -4.743 ms

Below is generated by plot.py at 2018-01-26 18:16:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.11 Mbit/s
95th percentile per-packet one-way delay: 128.449 ms
Loss rate: 4.24%
-- Flow 1:
Average throughput: 66.69 Mbit/s
95th percentile per-packet one-way delay: 128.491 ms
Loss rate: 2.51%
-- Flow 2:
Average throughput: 21.96 Mbit/s
95th percentile per-packet one-way delay: 129.005 ms
Loss rate: 3.30%
-- Flow 3:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 128.059 ms
Loss rate: 14.61%

Run 1: Report of Indigo-1-128 — Data Link

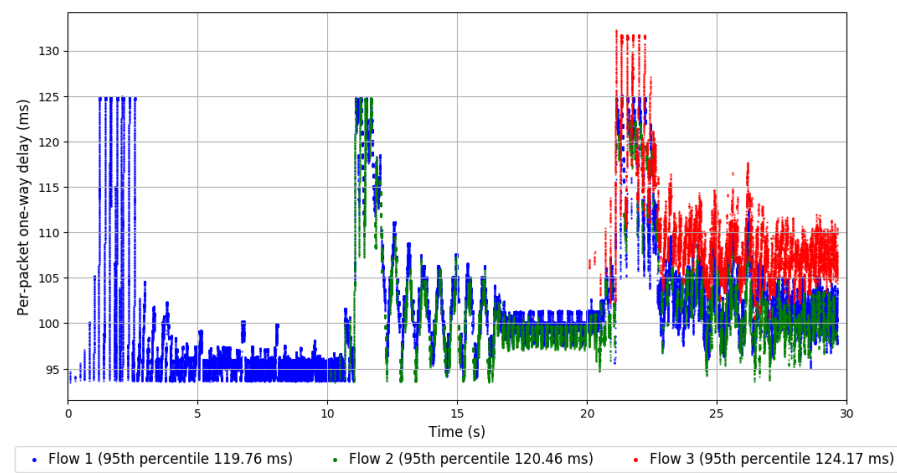
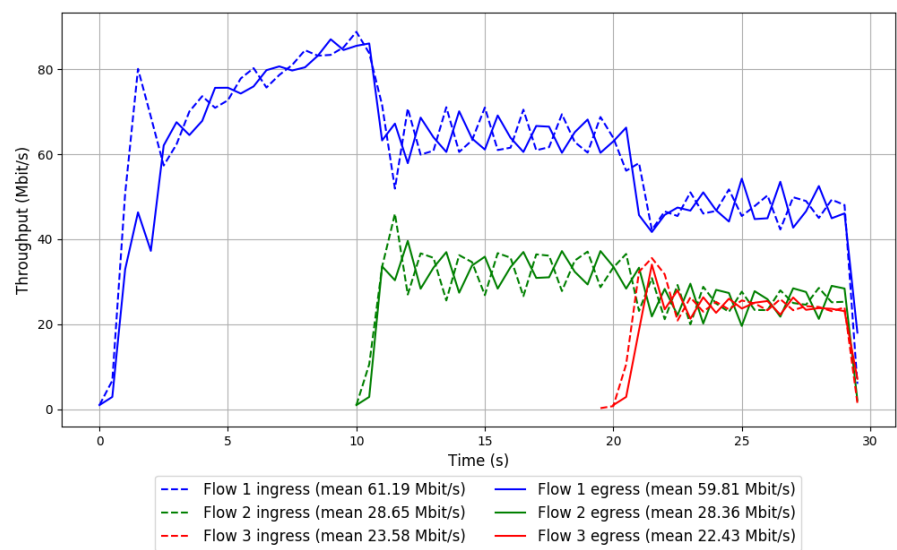


Run 2: Statistics of Indigo-1-128

Start at: 2018-01-26 14:43:02
End at: 2018-01-26 14:43:32
Local clock offset: 0.109 ms
Remote clock offset: -11.389 ms

Below is generated by plot.py at 2018-01-26 18:16:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 120.463 ms
Loss rate: 2.18%
-- Flow 1:
Average throughput: 59.81 Mbit/s
95th percentile per-packet one-way delay: 119.758 ms
Loss rate: 2.22%
-- Flow 2:
Average throughput: 28.36 Mbit/s
95th percentile per-packet one-way delay: 120.458 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 22.43 Mbit/s
95th percentile per-packet one-way delay: 124.169 ms
Loss rate: 4.84%

Run 2: Report of Indigo-1-128 — Data Link

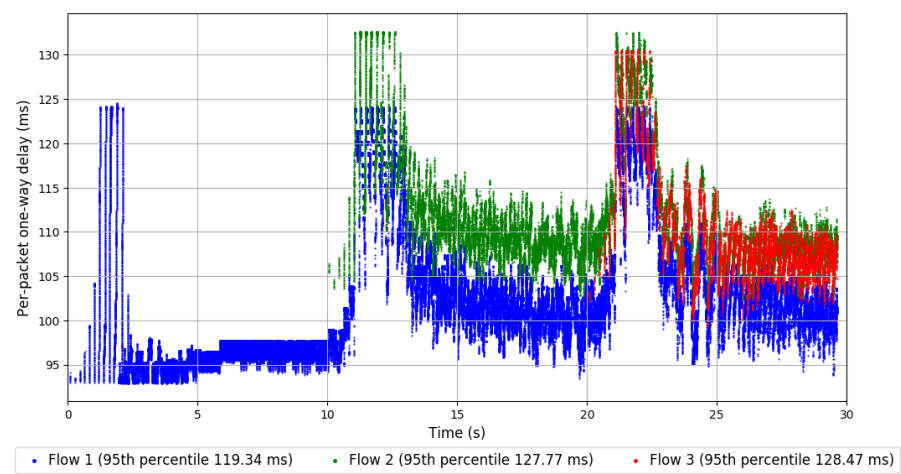
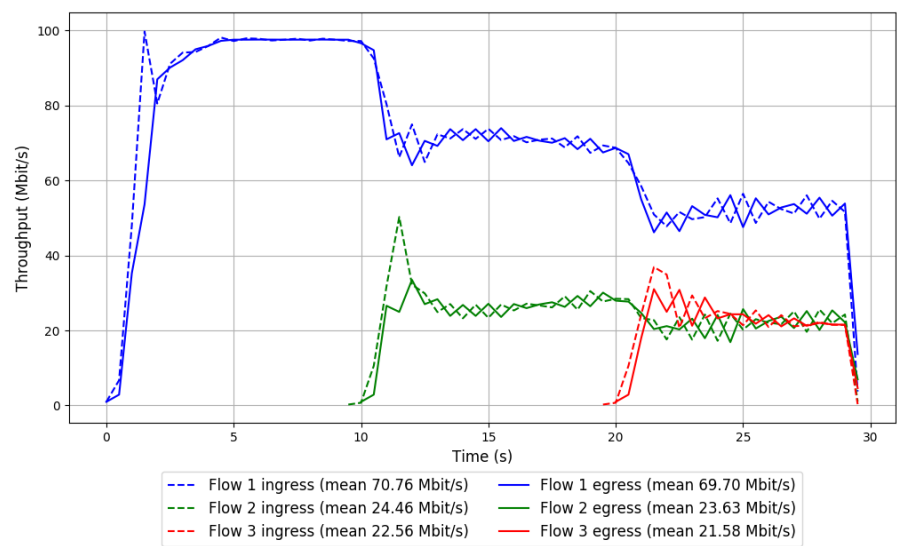


Run 3: Statistics of Indigo-1-128

Start at: 2018-01-26 15:04:15
End at: 2018-01-26 15:04:45
Local clock offset: -0.07 ms
Remote clock offset: -10.416 ms

Below is generated by plot.py at 2018-01-26 18:16:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 121.179 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 119.342 ms
Loss rate: 1.48%
-- Flow 2:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 127.766 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 21.58 Mbit/s
95th percentile per-packet one-way delay: 128.473 ms
Loss rate: 4.31%

Run 3: Report of Indigo-1-128 — Data Link

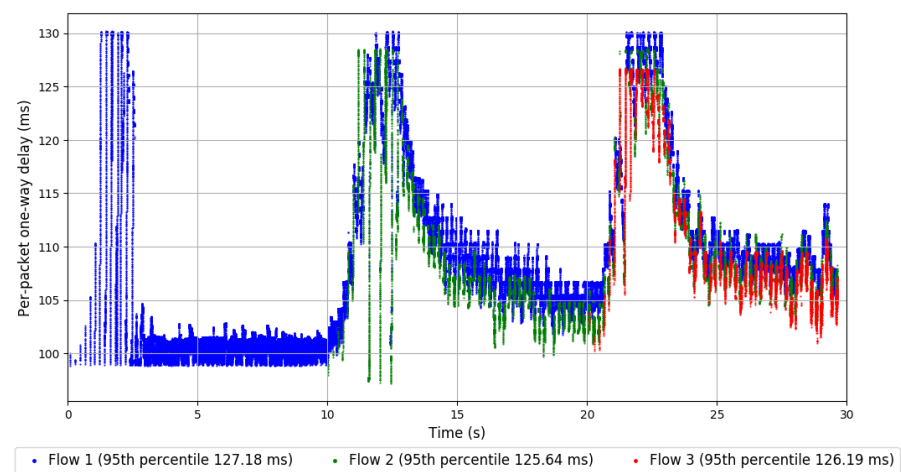
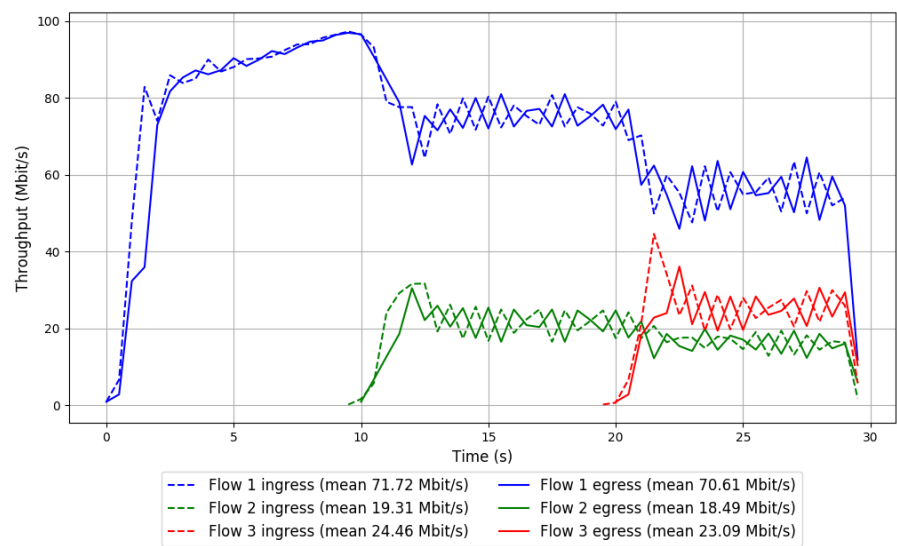


Run 4: Statistics of Indigo-1-128

Start at: 2018-01-26 15:25:26
End at: 2018-01-26 15:25:56
Local clock offset: -0.381 ms
Remote clock offset: -11.365 ms

Below is generated by plot.py at 2018-01-26 18:16:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.16 Mbit/s
95th percentile per-packet one-way delay: 126.434 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 70.61 Mbit/s
95th percentile per-packet one-way delay: 127.178 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 18.49 Mbit/s
95th percentile per-packet one-way delay: 125.638 ms
Loss rate: 4.20%
-- Flow 3:
Average throughput: 23.09 Mbit/s
95th percentile per-packet one-way delay: 126.195 ms
Loss rate: 5.58%

Run 4: Report of Indigo-1-128 — Data Link

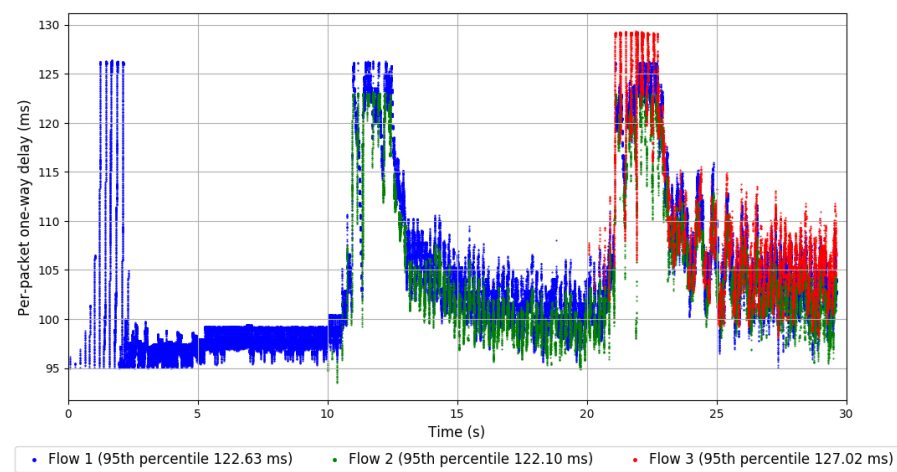
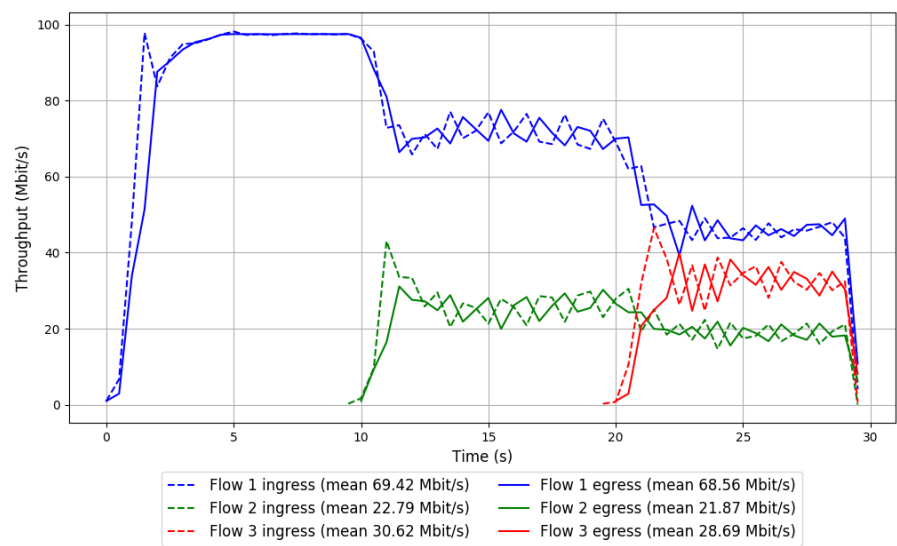


Run 5: Statistics of Indigo-1-128

Start at: 2018-01-26 15:46:43
End at: 2018-01-26 15:47:13
Local clock offset: -0.532 ms
Remote clock offset: -11.058 ms

Below is generated by plot.py at 2018-01-26 18:17:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 122.771 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 68.56 Mbit/s
95th percentile per-packet one-way delay: 122.630 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 21.87 Mbit/s
95th percentile per-packet one-way delay: 122.101 ms
Loss rate: 3.98%
-- Flow 3:
Average throughput: 28.69 Mbit/s
95th percentile per-packet one-way delay: 127.016 ms
Loss rate: 6.30%

Run 5: Report of Indigo-1-128 — Data Link

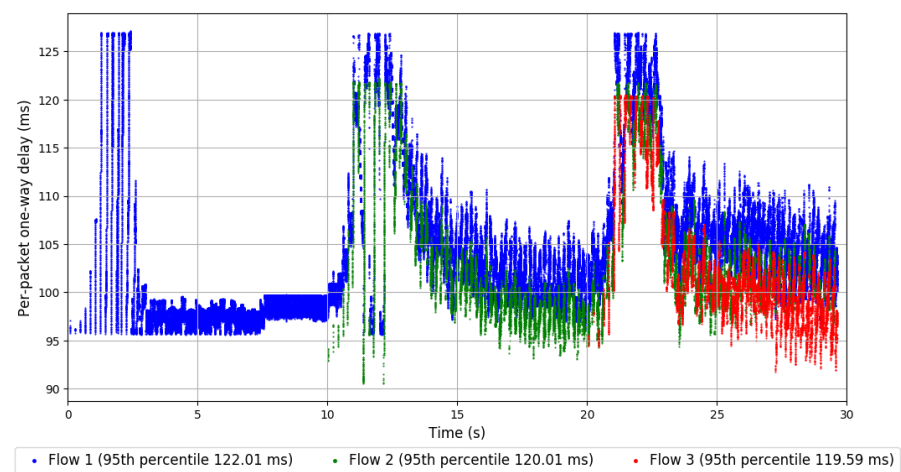
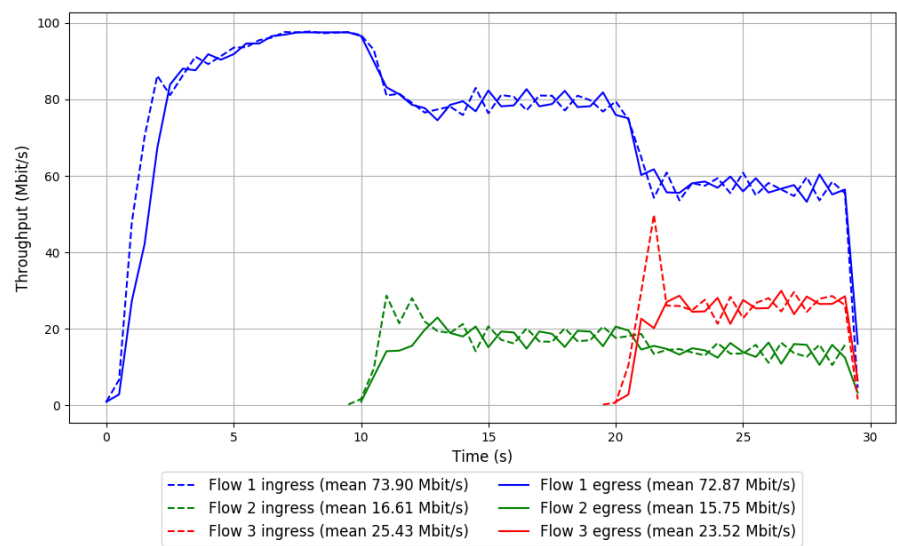


Run 6: Statistics of Indigo-1-128

Start at: 2018-01-26 16:07:51
End at: 2018-01-26 16:08:21
Local clock offset: -0.636 ms
Remote clock offset: -15.362 ms

Below is generated by plot.py at 2018-01-26 18:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.88 Mbit/s
95th percentile per-packet one-way delay: 121.395 ms
Loss rate: 2.36%
-- Flow 1:
Average throughput: 72.87 Mbit/s
95th percentile per-packet one-way delay: 122.008 ms
Loss rate: 1.38%
-- Flow 2:
Average throughput: 15.75 Mbit/s
95th percentile per-packet one-way delay: 120.011 ms
Loss rate: 5.15%
-- Flow 3:
Average throughput: 23.52 Mbit/s
95th percentile per-packet one-way delay: 119.586 ms
Loss rate: 7.47%

Run 6: Report of Indigo-1-128 — Data Link

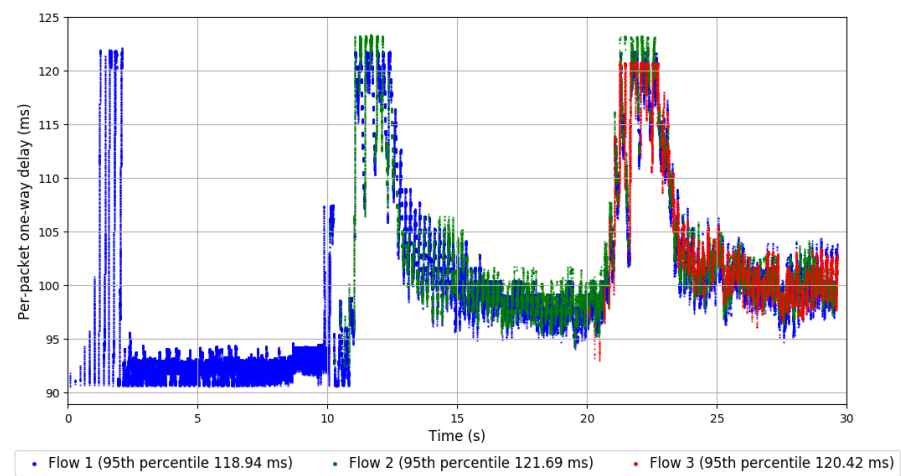
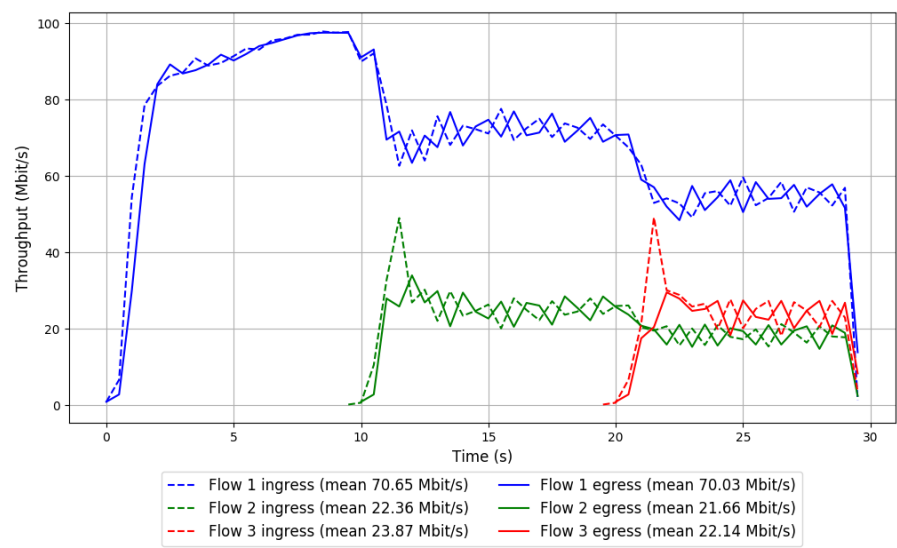


Run 7: Statistics of Indigo-1-128

Start at: 2018-01-26 16:28:52
End at: 2018-01-26 16:29:22
Local clock offset: -0.606 ms
Remote clock offset: -13.868 ms

Below is generated by plot.py at 2018-01-26 18:17:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 119.379 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 70.03 Mbit/s
95th percentile per-packet one-way delay: 118.939 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 21.66 Mbit/s
95th percentile per-packet one-way delay: 121.695 ms
Loss rate: 3.15%
-- Flow 3:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 120.419 ms
Loss rate: 7.24%

Run 7: Report of Indigo-1-128 — Data Link

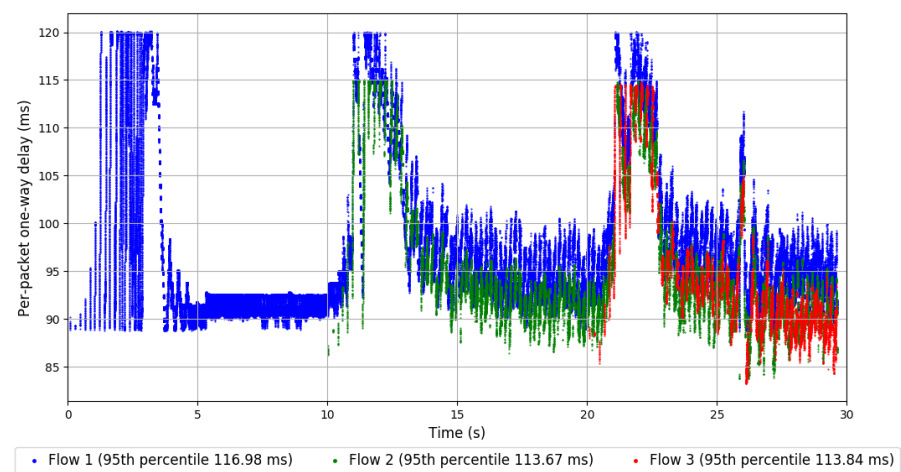
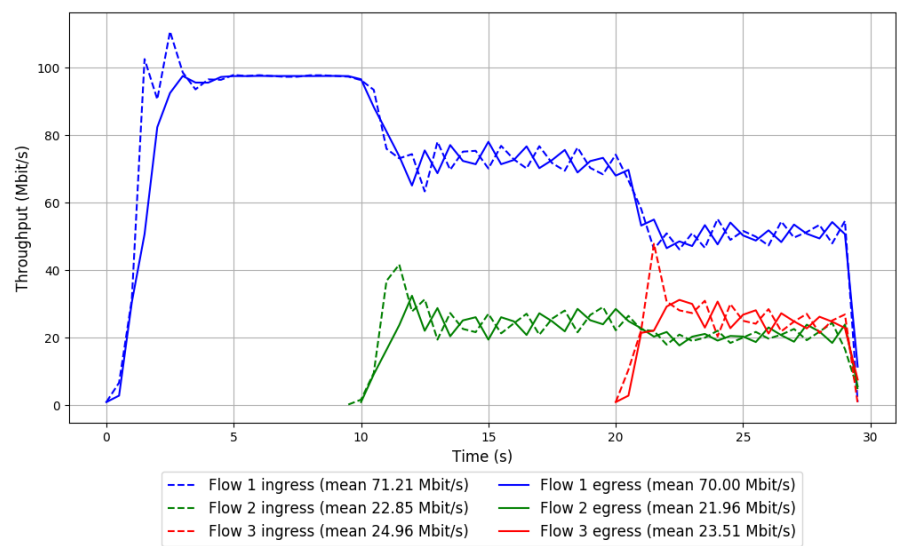


Run 8: Statistics of Indigo-1-128

Start at: 2018-01-26 16:49:55
End at: 2018-01-26 16:50:25
Local clock offset: -0.482 ms
Remote clock offset: -19.203 ms

Below is generated by plot.py at 2018-01-26 18:17:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.15 Mbit/s
95th percentile per-packet one-way delay: 115.762 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 116.983 ms
Loss rate: 1.69%
-- Flow 2:
Average throughput: 21.96 Mbit/s
95th percentile per-packet one-way delay: 113.675 ms
Loss rate: 3.89%
-- Flow 3:
Average throughput: 23.51 Mbit/s
95th percentile per-packet one-way delay: 113.838 ms
Loss rate: 5.78%

Run 8: Report of Indigo-1-128 — Data Link



Run 9: Statistics of Indigo-1-128

Start at: 2018-01-26 17:11:07

End at: 2018-01-26 17:11:37

Local clock offset: -0.461 ms

Remote clock offset: -9.45 ms

Below is generated by plot.py at 2018-01-26 18:17:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.76 Mbit/s

95th percentile per-packet one-way delay: 118.654 ms

Loss rate: 1.85%

-- Flow 1:

Average throughput: 68.80 Mbit/s

95th percentile per-packet one-way delay: 117.438 ms

Loss rate: 1.39%

-- Flow 2:

Average throughput: 22.08 Mbit/s

95th percentile per-packet one-way delay: 122.810 ms

Loss rate: 2.12%

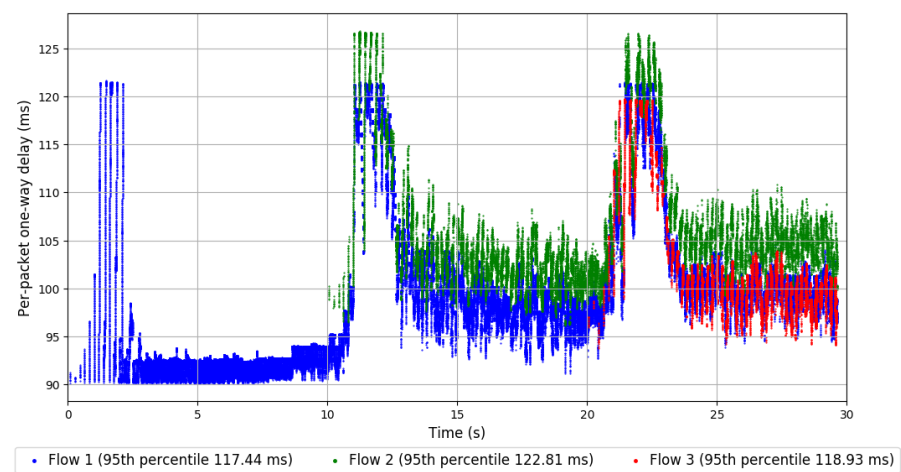
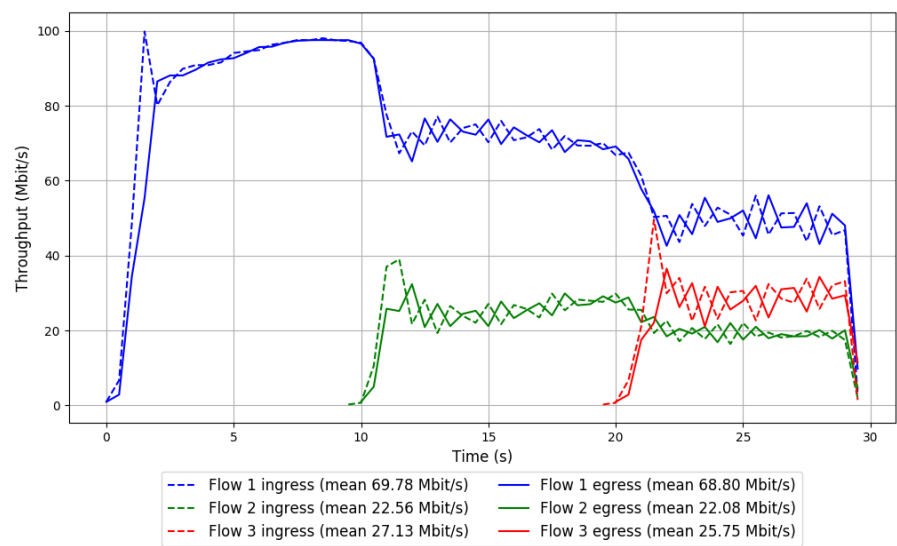
-- Flow 3:

Average throughput: 25.75 Mbit/s

95th percentile per-packet one-way delay: 118.927 ms

Loss rate: 5.04%

Run 9: Report of Indigo-1-128 — Data Link



Run 10: Statistics of Indigo-1-128

Start at: 2018-01-26 17:32:15
End at: 2018-01-26 17:32:45
Local clock offset: -0.574 ms
Remote clock offset: -8.099 ms

Below is generated by plot.py at 2018-01-26 18:17:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.43 Mbit/s
95th percentile per-packet one-way delay: 117.413 ms
Loss rate: 2.90%
-- Flow 1:
Average throughput: 66.40 Mbit/s
95th percentile per-packet one-way delay: 116.137 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 21.37 Mbit/s
95th percentile per-packet one-way delay: 121.191 ms
Loss rate: 3.12%
-- Flow 3:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 119.457 ms
Loss rate: 5.46%

Run 10: Report of Indigo-1-128 — Data Link

