

Pantheon Report

Generated at 2018-02-13 21:54:21 (UTC).

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

Repeated the test of 17 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).

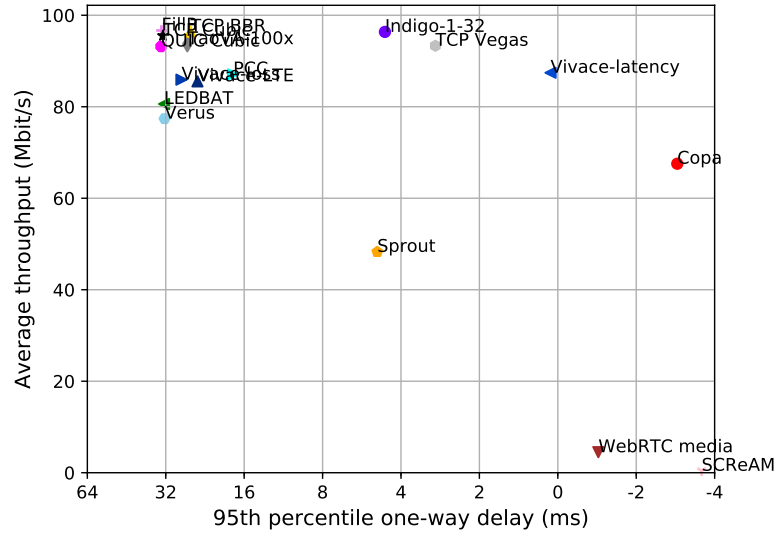
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

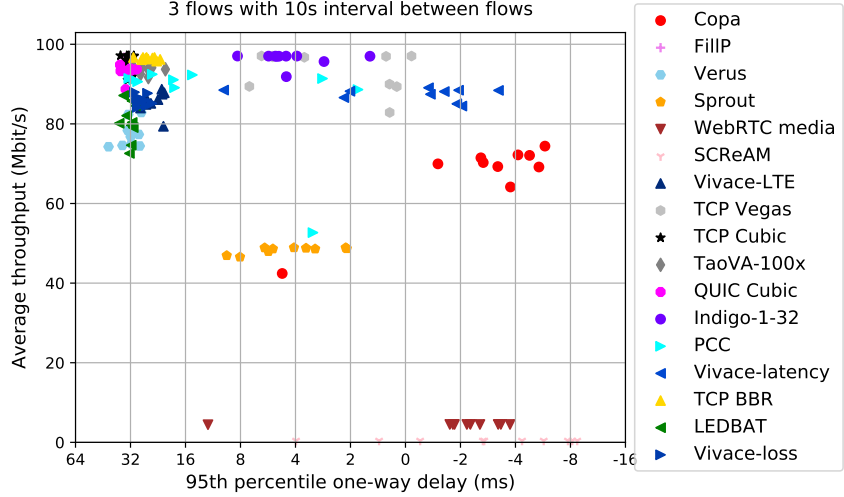
Git summary:

```
branch: master @ 2efdad57c2c56a9458b0d01ff33345e11732665
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
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 @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



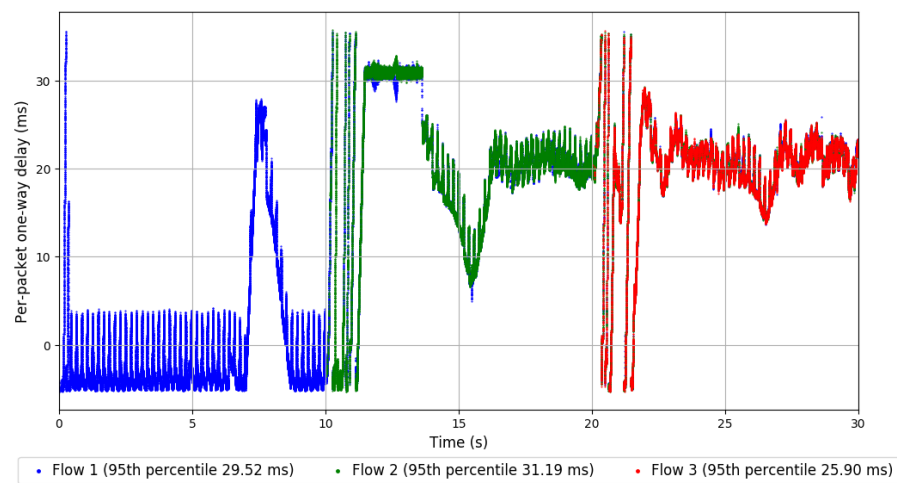
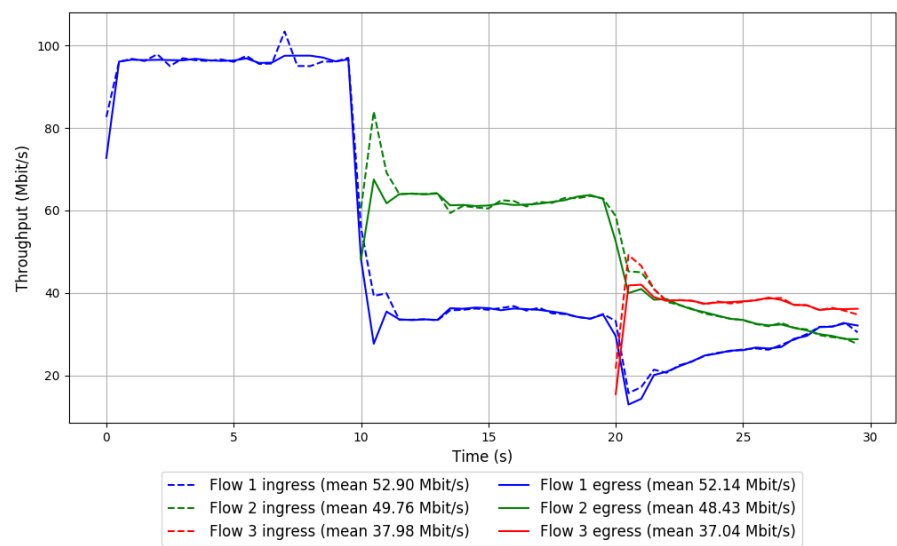
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	53.39	43.59	42.18	24.24	26.81	26.93	1.23	2.21	2.39
TCP Cubic	10	62.61	33.72	31.57	32.58	32.77	33.19	0.76	0.61	0.57
LEDBAT	10	49.87	32.43	28.57	31.94	33.07	32.60	0.34	0.65	0.53
PCC	10	72.00	16.95	11.52	17.09	19.33	20.96	1.72	2.29	3.36
QUIC Cubic	10	65.63	31.65	20.02	33.19	33.50	33.45	1.35	1.80	2.15
SCReAM	10	0.21	0.21	0.22	-3.40	-3.38	-4.07	0.00	0.00	0.00
WebRTC media	10	2.35	1.51	0.65	-1.37	-1.46	0.40	0.00	0.01	0.01
Sprout	10	24.23	24.21	24.06	5.28	4.71	4.51	0.03	0.01	0.01
TaoVA-100x	10	56.51	39.21	33.32	23.65	27.28	29.91	4.17	7.35	18.17
TCP Vegas	10	56.77	37.38	35.12	3.80	0.68	-0.61	0.35	0.00	0.00
Verus	10	50.46	31.32	20.31	30.23	36.27	31.30	26.32	46.90	37.00
Copa	10	34.34	34.22	31.40	-2.94	-2.85	-2.72	0.02	0.00	0.07
FillP	10	52.39	41.62	51.03	33.07	33.35	33.88	26.16	30.64	34.15
Indigo-1-32	10	54.17	40.17	47.57	4.33	4.73	6.45	0.02	0.05	0.01
Vivace-latency	10	61.78	28.30	20.77	-0.66	1.28	4.96	0.02	0.02	0.02
Vivace-loss	10	57.08	30.34	26.32	27.61	28.07	28.07	10.96	13.90	12.92
Vivace-LTE	10	58.63	29.35	22.48	21.27	26.72	27.71	1.27	1.88	2.94

Run 1: Statistics of TCP BBR

Start at: 2018-02-13 17:23:27
End at: 2018-02-13 17:23:57
Local clock offset: -0.249 ms
Remote clock offset: -21.882 ms

Below is generated by plot.py at 2018-02-13 21:27:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 30.836 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 52.14 Mbit/s
95th percentile per-packet one-way delay: 29.517 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 31.188 ms
Loss rate: 2.55%
-- Flow 3:
Average throughput: 37.04 Mbit/s
95th percentile per-packet one-way delay: 25.899 ms
Loss rate: 2.45%

Run 1: Report of TCP BBR — Data Link

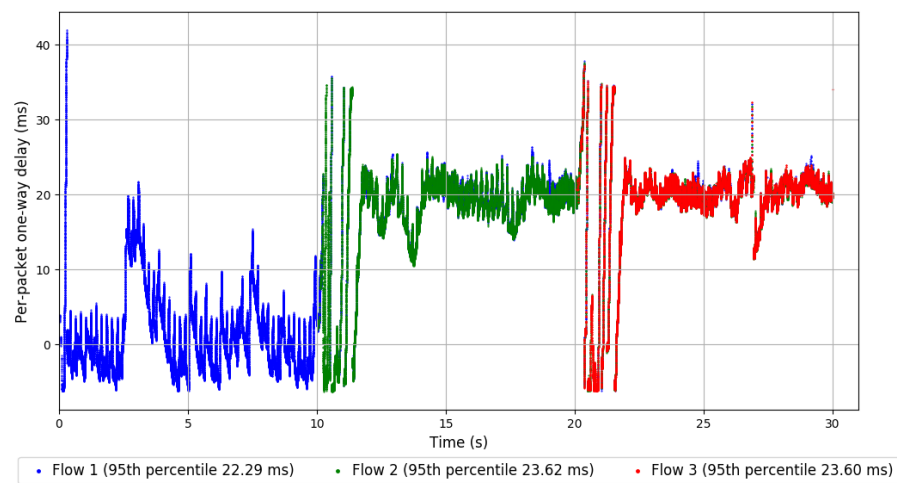
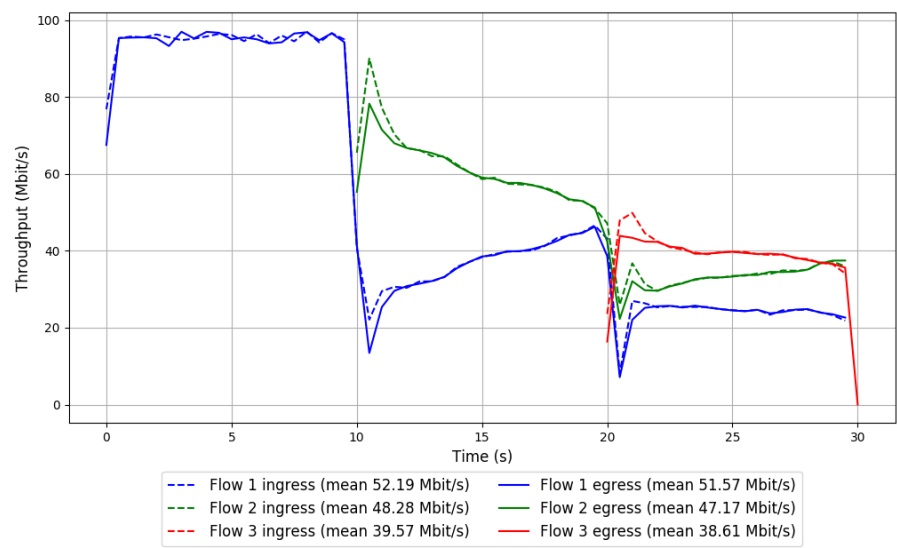


Run 2: Statistics of TCP BBR

Start at: 2018-02-13 17:45:36
End at: 2018-02-13 17:46:06
Local clock offset: 2.946 ms
Remote clock offset: -19.354 ms

Below is generated by plot.py at 2018-02-13 21:27:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 23.012 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 51.57 Mbit/s
95th percentile per-packet one-way delay: 22.285 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 47.17 Mbit/s
95th percentile per-packet one-way delay: 23.625 ms
Loss rate: 2.22%
-- Flow 3:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 23.604 ms
Loss rate: 2.30%

Run 2: Report of TCP BBR — Data Link

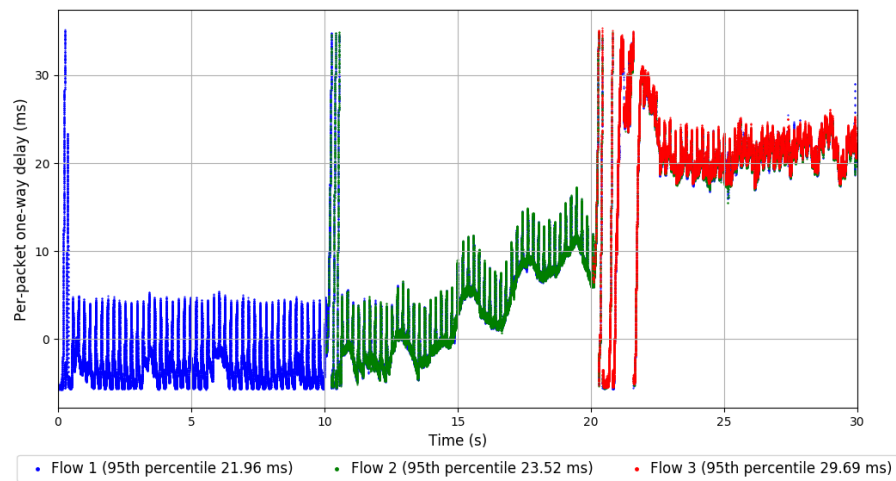
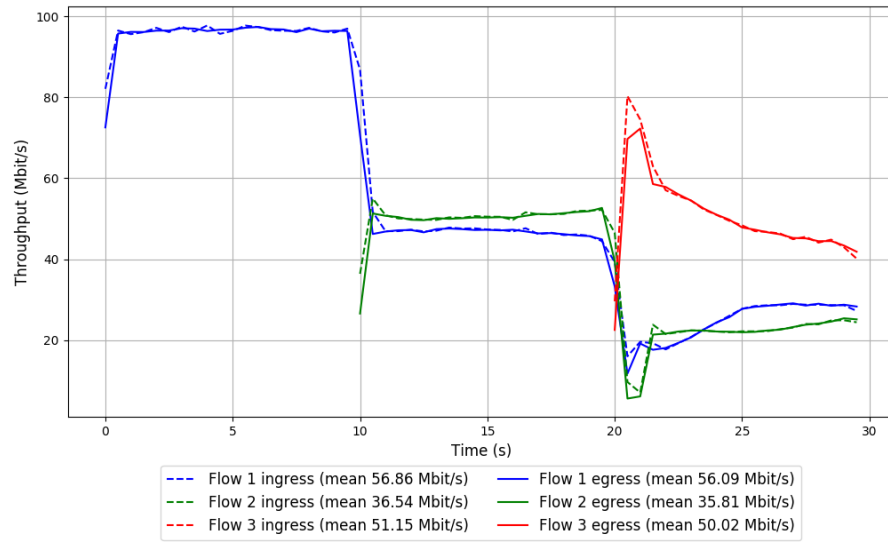


Run 3: Statistics of TCP BBR

Start at: 2018-02-13 18:07:23
End at: 2018-02-13 18:07:53
Local clock offset: 2.369 ms
Remote clock offset: -19.149 ms

Below is generated by plot.py at 2018-02-13 21:27:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 24.256 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 56.09 Mbit/s
95th percentile per-packet one-way delay: 21.960 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 23.518 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 29.688 ms
Loss rate: 2.06%

Run 3: Report of TCP BBR — Data Link

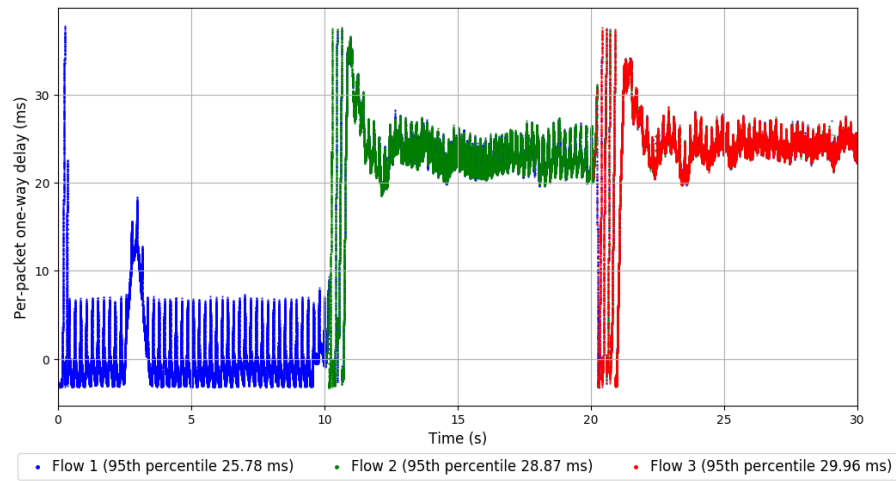
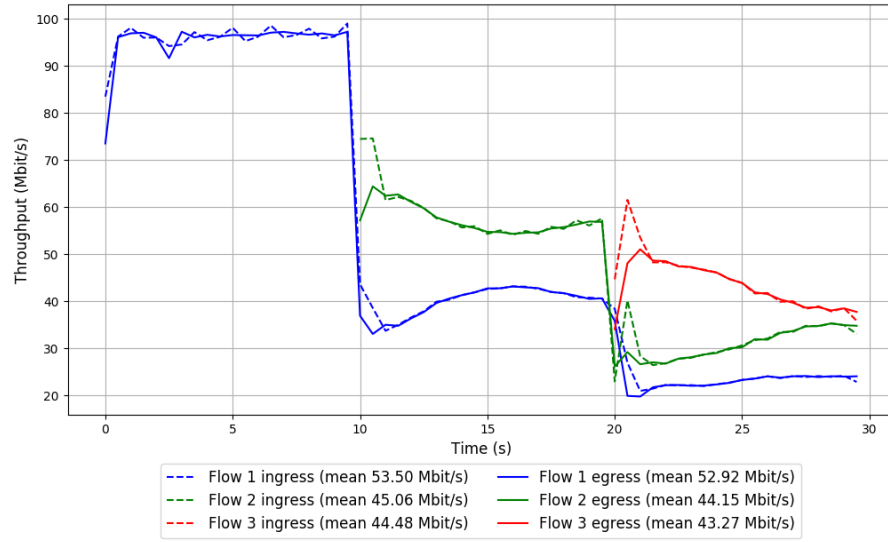


Run 4: Statistics of TCP BBR

Start at: 2018-02-13 18:29:54
End at: 2018-02-13 18:30:24
Local clock offset: 0.766 ms
Remote clock offset: -10.25 ms

Below is generated by plot.py at 2018-02-13 21:27:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 27.340 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 25.779 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 44.15 Mbit/s
95th percentile per-packet one-way delay: 28.873 ms
Loss rate: 1.91%
-- Flow 3:
Average throughput: 43.27 Mbit/s
95th percentile per-packet one-way delay: 29.958 ms
Loss rate: 2.68%

Run 4: Report of TCP BBR — Data Link

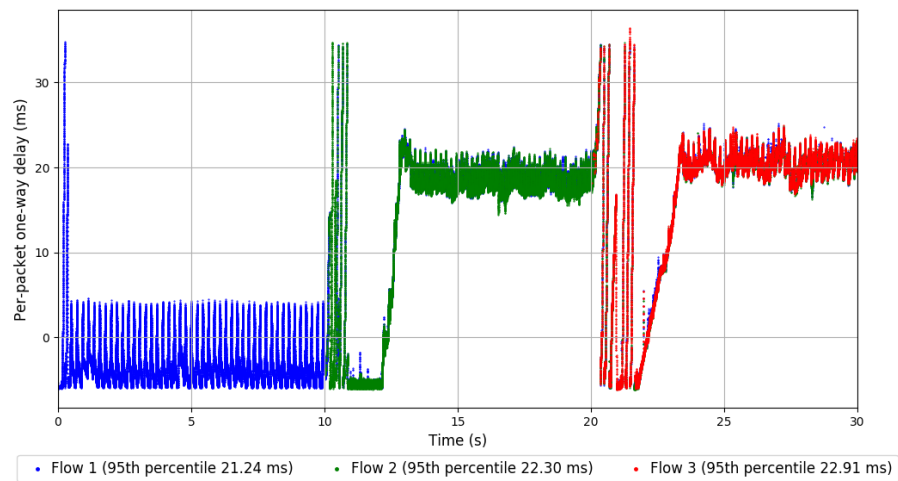
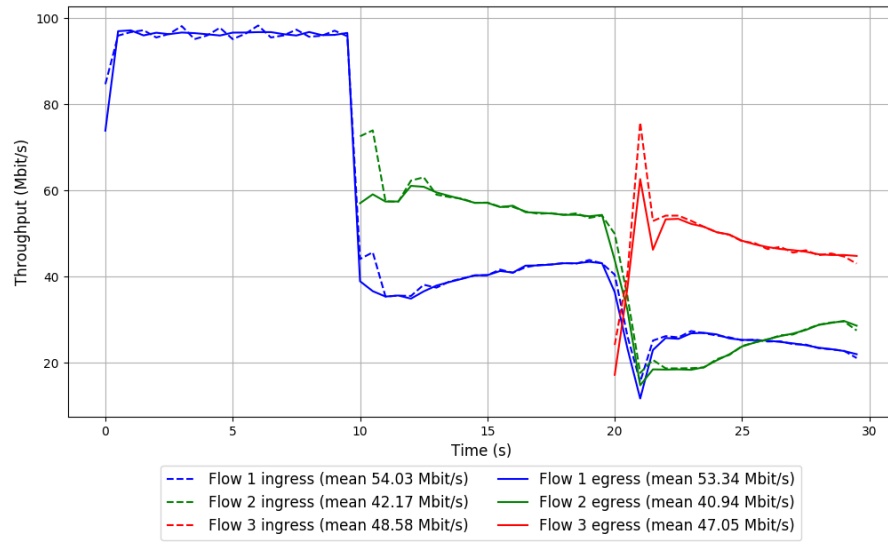


Run 5: Statistics of TCP BBR

Start at: 2018-02-13 18:52:07
End at: 2018-02-13 18:52:37
Local clock offset: 2.759 ms
Remote clock offset: -7.267 ms

Below is generated by plot.py at 2018-02-13 21:27:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 22.028 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 53.34 Mbit/s
95th percentile per-packet one-way delay: 21.240 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 22.299 ms
Loss rate: 2.81%
-- Flow 3:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 22.914 ms
Loss rate: 3.13%

Run 5: Report of TCP BBR — Data Link

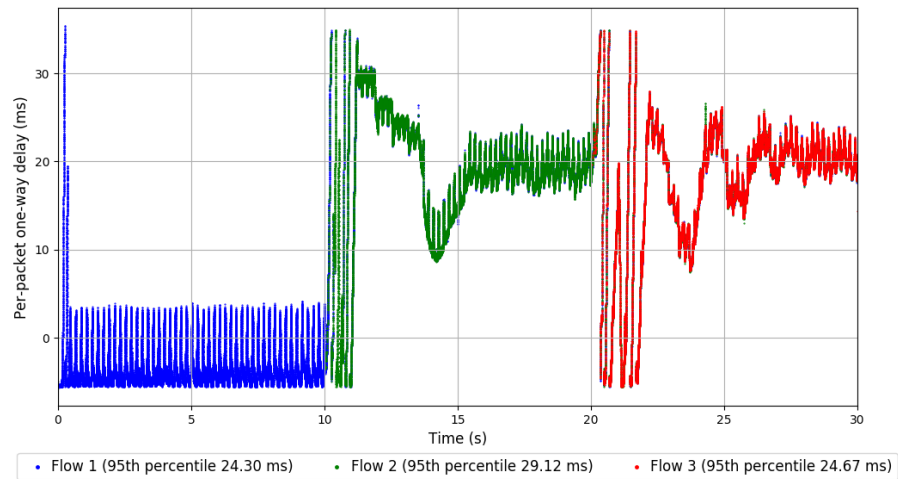
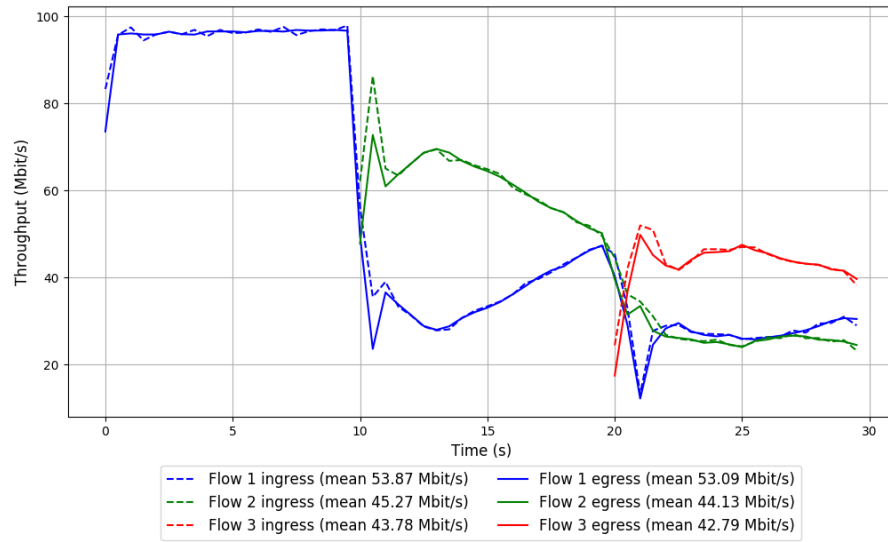


Run 6: Statistics of TCP BBR

Start at: 2018-02-13 19:14:55
End at: 2018-02-13 19:15:25
Local clock offset: 4.12 ms
Remote clock offset: -1.441 ms

Below is generated by plot.py at 2018-02-13 21:27:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 26.137 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 24.301 ms
Loss rate: 1.38%
-- Flow 2:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 29.124 ms
Loss rate: 2.44%
-- Flow 3:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 24.672 ms
Loss rate: 2.31%

Run 6: Report of TCP BBR — Data Link

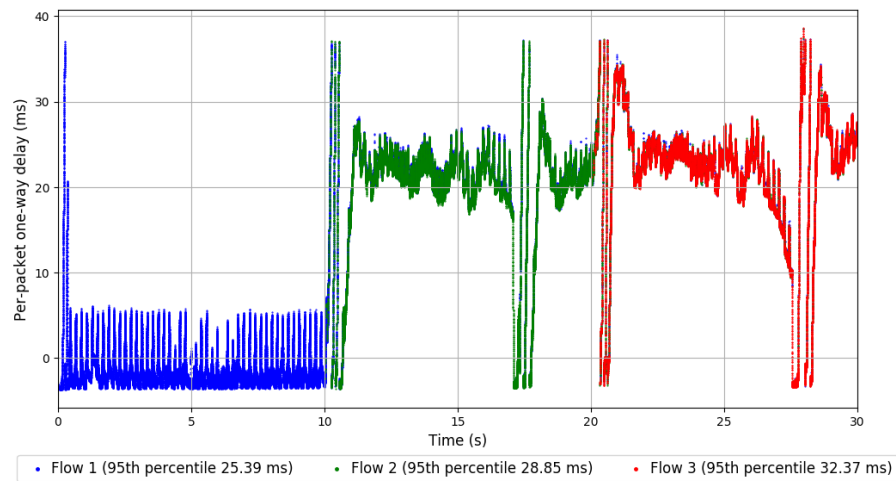
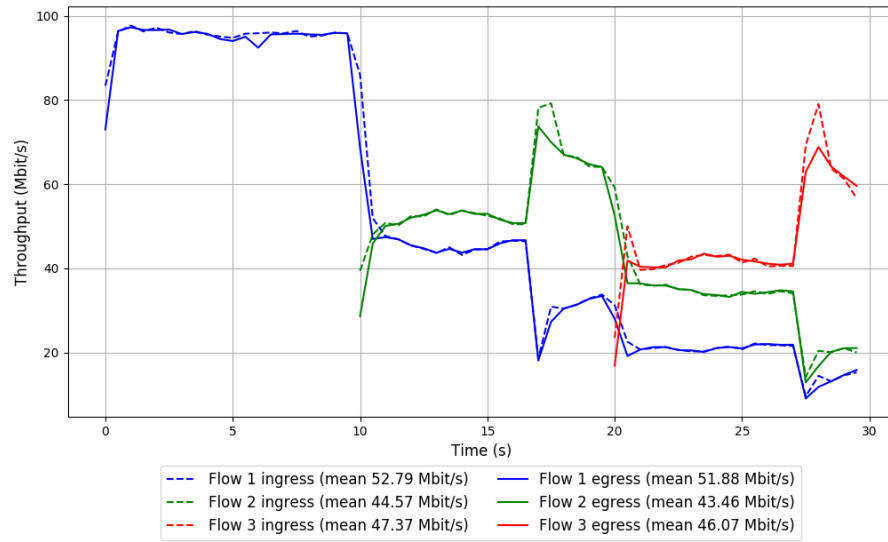


Run 7: Statistics of TCP BBR

Start at: 2018-02-13 19:37:26
End at: 2018-02-13 19:37:56
Local clock offset: 0.921 ms
Remote clock offset: -17.305 ms

Below is generated by plot.py at 2018-02-13 21:27:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 27.834 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 51.88 Mbit/s
95th percentile per-packet one-way delay: 25.394 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 43.46 Mbit/s
95th percentile per-packet one-way delay: 28.849 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 32.373 ms
Loss rate: 2.69%

Run 7: Report of TCP BBR — Data Link

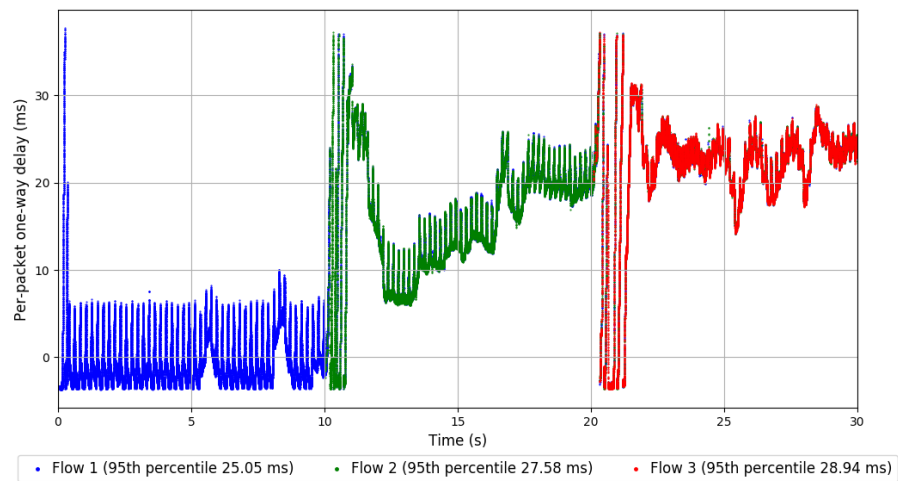
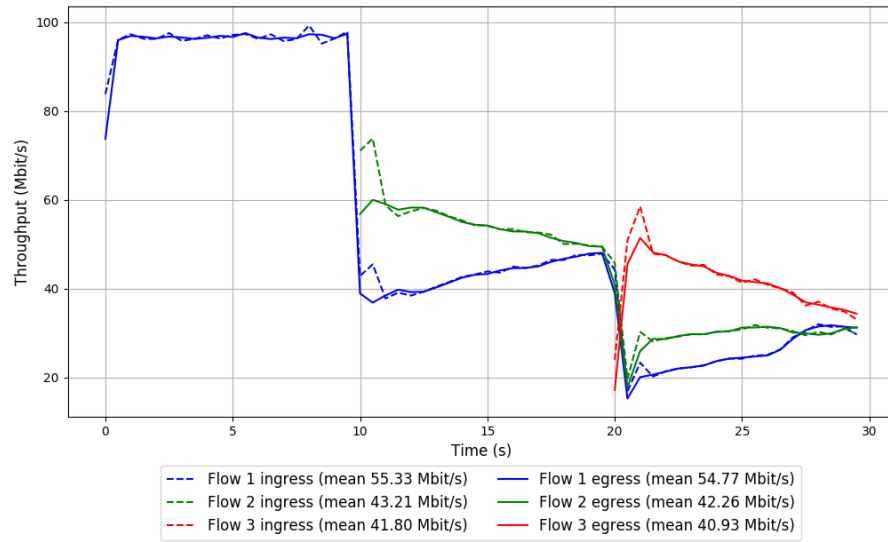


Run 8: Statistics of TCP BBR

Start at: 2018-02-13 20:00:03
End at: 2018-02-13 20:00:33
Local clock offset: 1.827 ms
Remote clock offset: -25.665 ms

Below is generated by plot.py at 2018-02-13 21:27:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 26.423 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 25.049 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 42.26 Mbit/s
95th percentile per-packet one-way delay: 27.583 ms
Loss rate: 2.08%
-- Flow 3:
Average throughput: 40.93 Mbit/s
95th percentile per-packet one-way delay: 28.938 ms
Loss rate: 2.03%

Run 8: Report of TCP BBR — Data Link

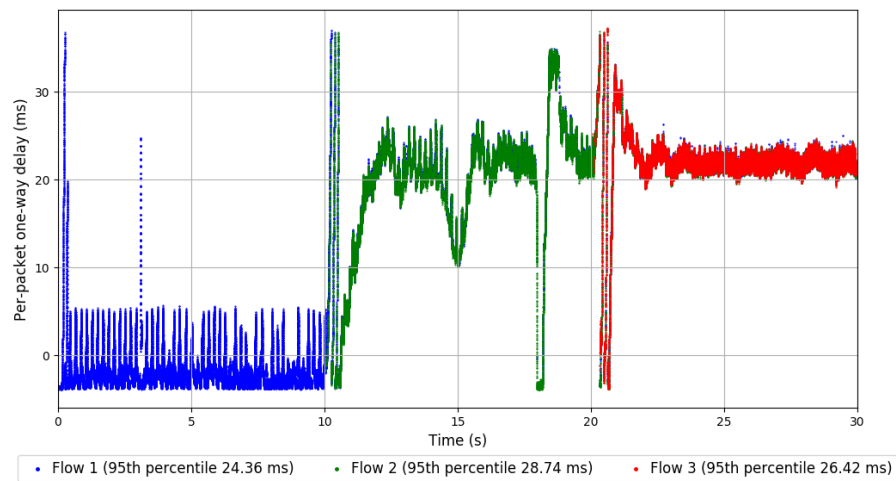
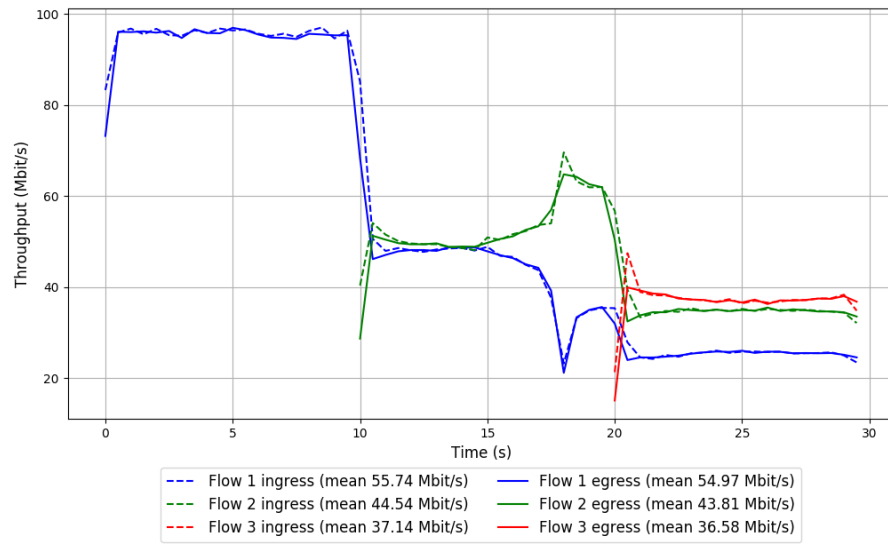


Run 9: Statistics of TCP BBR

Start at: 2018-02-13 20:22:44
End at: 2018-02-13 20:23:14
Local clock offset: 2.242 ms
Remote clock offset: -29.54 ms

Below is generated by plot.py at 2018-02-13 21:28:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 25.646 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 54.97 Mbit/s
95th percentile per-packet one-way delay: 24.358 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 28.741 ms
Loss rate: 1.57%
-- Flow 3:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 26.424 ms
Loss rate: 1.55%

Run 9: Report of TCP BBR — Data Link

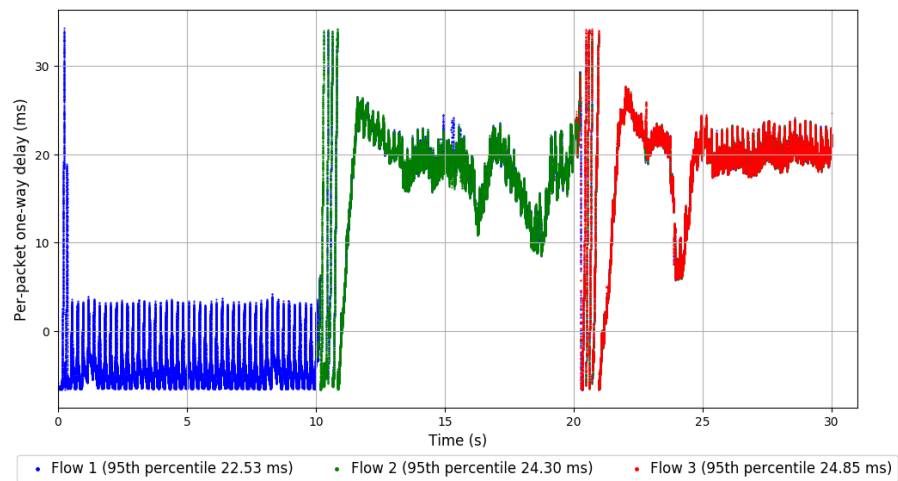
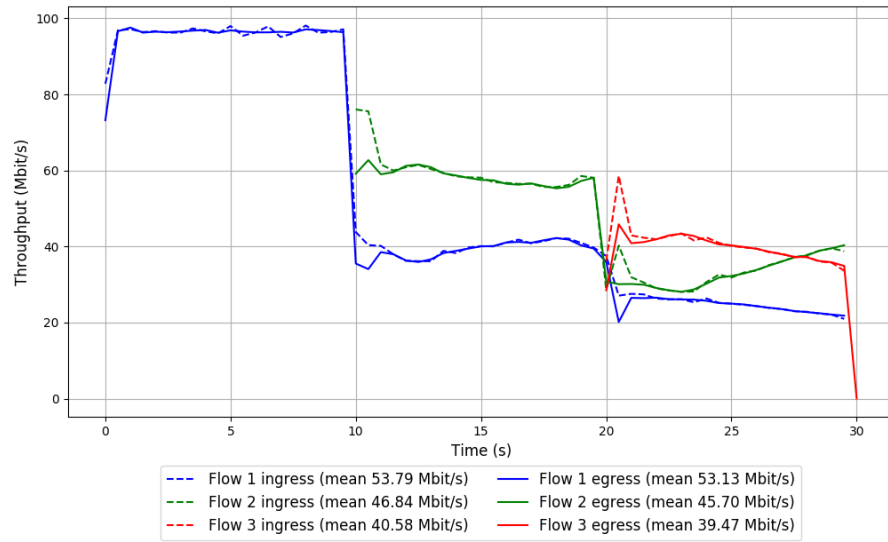


Run 10: Statistics of TCP BBR

Start at: 2018-02-13 20:45:56
End at: 2018-02-13 20:46:26
Local clock offset: -1.281 ms
Remote clock offset: -30.495 ms

Below is generated by plot.py at 2018-02-13 21:28:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 23.650 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 53.13 Mbit/s
95th percentile per-packet one-way delay: 22.527 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 45.70 Mbit/s
95th percentile per-packet one-way delay: 24.300 ms
Loss rate: 2.32%
-- Flow 3:
Average throughput: 39.47 Mbit/s
95th percentile per-packet one-way delay: 24.846 ms
Loss rate: 2.71%

Run 10: Report of TCP BBR — Data Link

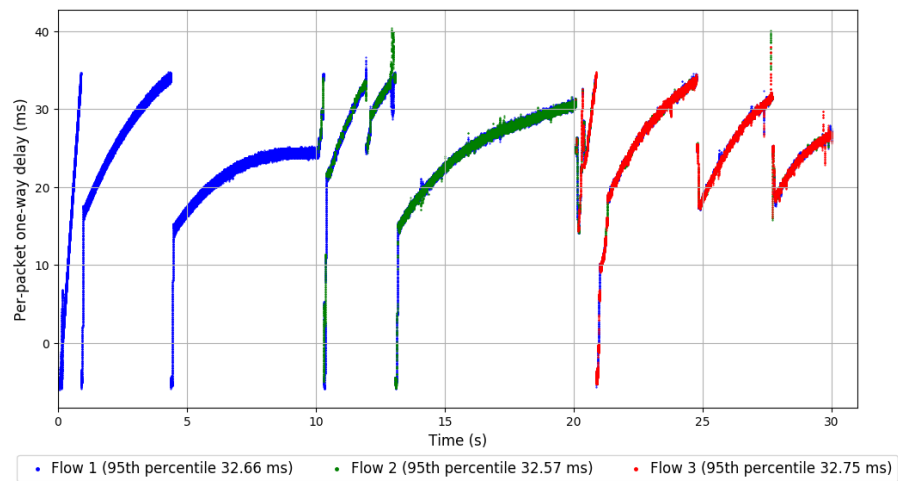
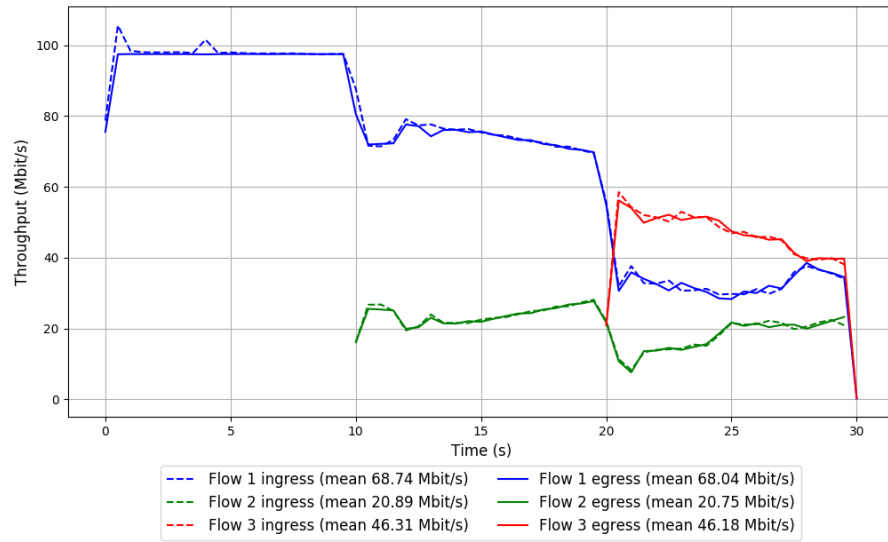


Run 1: Statistics of TCP Cubic

Start at: 2018-02-13 17:28:31
End at: 2018-02-13 17:29:01
Local clock offset: 2.189 ms
Remote clock offset: -19.986 ms

Below is generated by plot.py at 2018-02-13 21:28:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 32.658 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 68.04 Mbit/s
95th percentile per-packet one-way delay: 32.662 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 32.568 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 46.18 Mbit/s
95th percentile per-packet one-way delay: 32.751 ms
Loss rate: 0.33%

Run 1: Report of TCP Cubic — Data Link

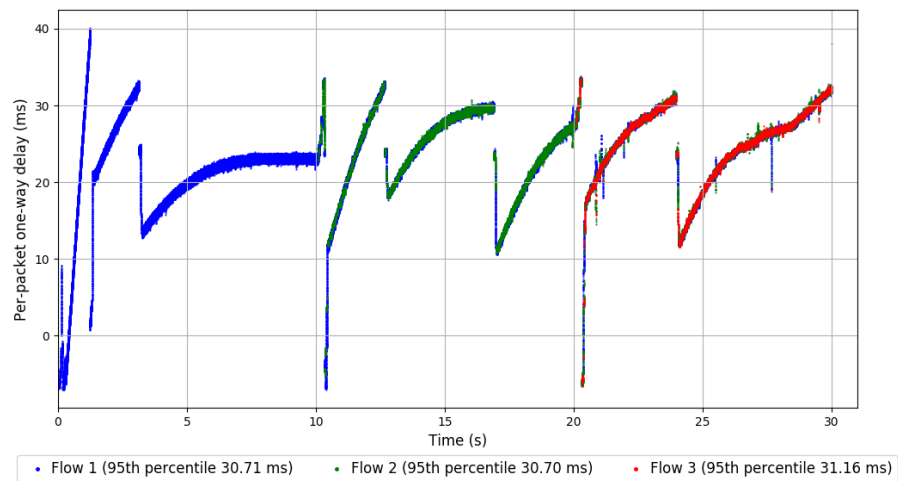
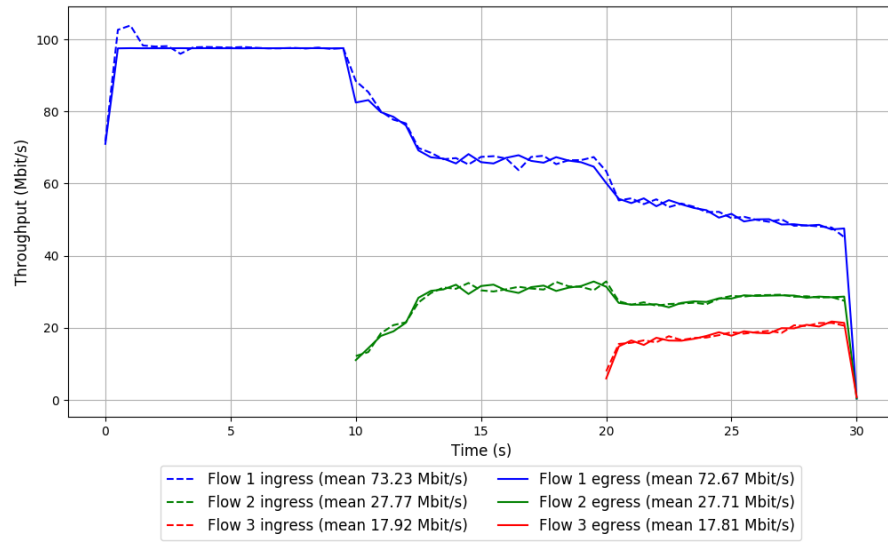


Run 2: Statistics of TCP Cubic

Start at: 2018-02-13 17:50:28
End at: 2018-02-13 17:50:58
Local clock offset: 3.947 ms
Remote clock offset: -19.152 ms

Below is generated by plot.py at 2018-02-13 21:28:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 30.736 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 72.67 Mbit/s
95th percentile per-packet one-way delay: 30.710 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 27.71 Mbit/s
95th percentile per-packet one-way delay: 30.697 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 17.81 Mbit/s
95th percentile per-packet one-way delay: 31.161 ms
Loss rate: 0.53%

Run 2: Report of TCP Cubic — Data Link

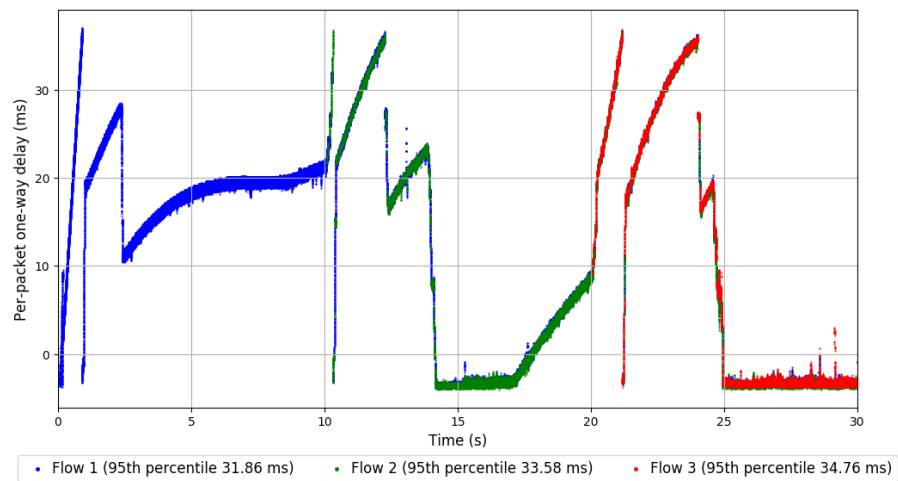
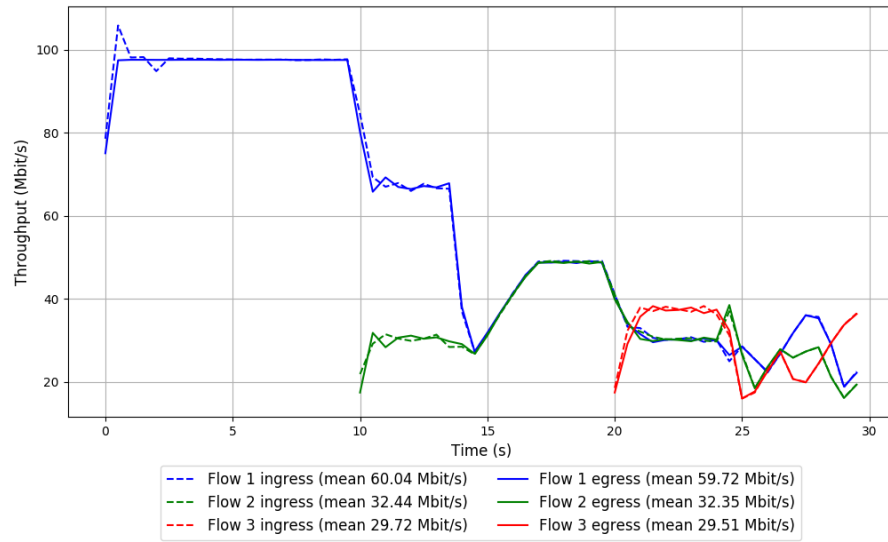


Run 3: Statistics of TCP Cubic

Start at: 2018-02-13 18:12:29
End at: 2018-02-13 18:12:59
Local clock offset: -0.631 ms
Remote clock offset: -19.551 ms

Below is generated by plot.py at 2018-02-13 21:28:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 33.121 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 59.72 Mbit/s
95th percentile per-packet one-way delay: 31.856 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 32.35 Mbit/s
95th percentile per-packet one-way delay: 33.577 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 29.51 Mbit/s
95th percentile per-packet one-way delay: 34.761 ms
Loss rate: 0.82%

Run 3: Report of TCP Cubic — Data Link

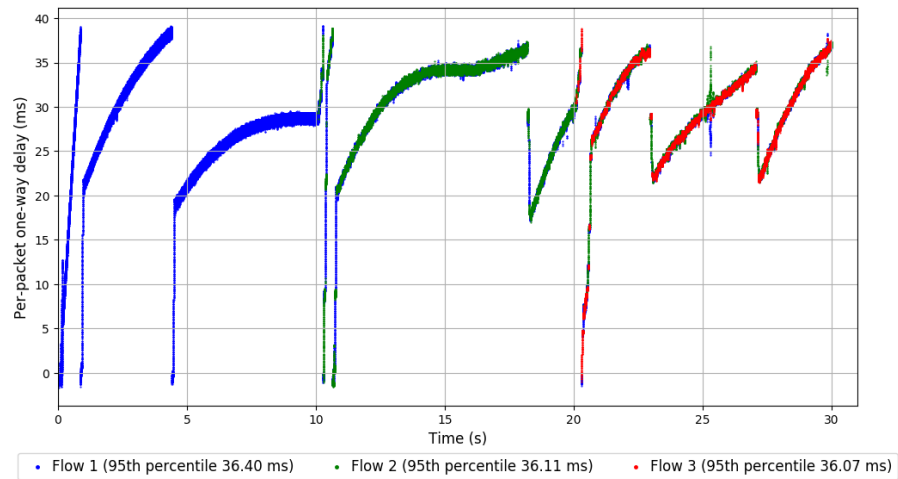
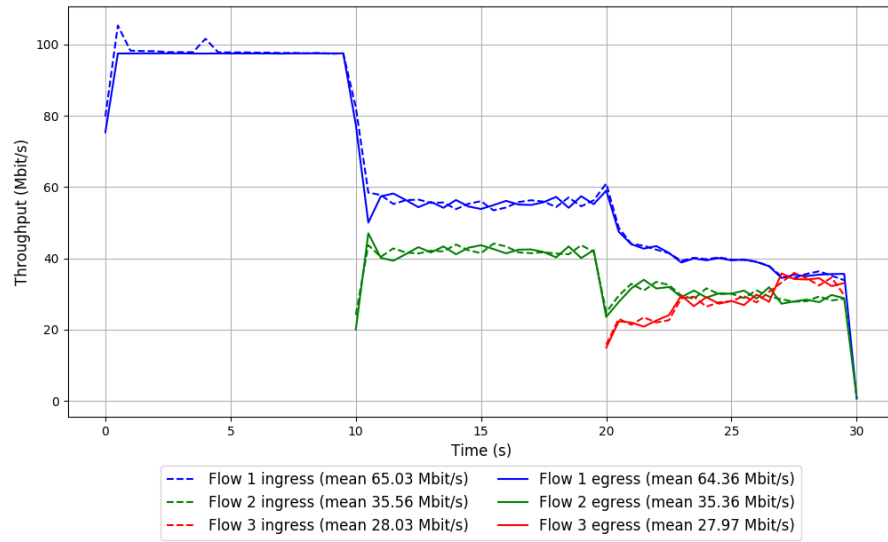


Run 4: Statistics of TCP Cubic

Start at: 2018-02-13 18:35:00
End at: 2018-02-13 18:35:30
Local clock offset: 0.443 ms
Remote clock offset: -7.898 ms

Below is generated by plot.py at 2018-02-13 21:28:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 36.286 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 64.36 Mbit/s
95th percentile per-packet one-way delay: 36.399 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 35.36 Mbit/s
95th percentile per-packet one-way delay: 36.111 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 27.97 Mbit/s
95th percentile per-packet one-way delay: 36.071 ms
Loss rate: 0.15%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-02-13 18:57:10

End at: 2018-02-13 18:57:40

Local clock offset: 3.835 ms

Remote clock offset: -4.33 ms

Below is generated by plot.py at 2018-02-13 21:28:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 33.522 ms

Loss rate: 0.74%

-- Flow 1:

Average throughput: 61.39 Mbit/s

95th percentile per-packet one-way delay: 33.442 ms

Loss rate: 0.79%

-- Flow 2:

Average throughput: 41.89 Mbit/s

95th percentile per-packet one-way delay: 33.519 ms

Loss rate: 0.71%

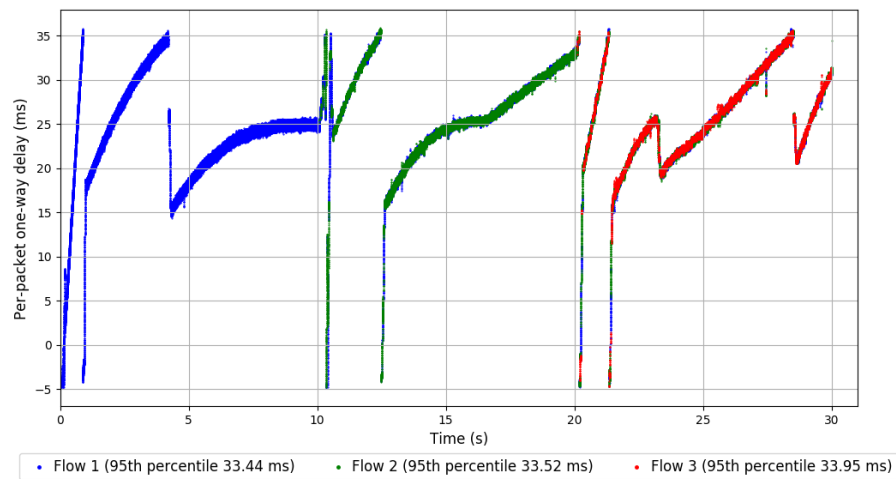
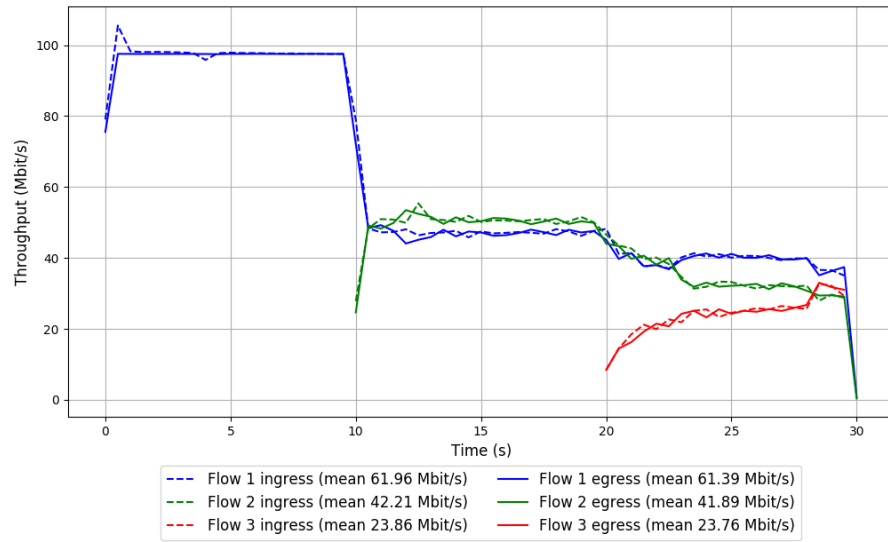
-- Flow 3:

Average throughput: 23.76 Mbit/s

95th percentile per-packet one-way delay: 33.952 ms

Loss rate: 0.47%

Run 5: Report of TCP Cubic — Data Link

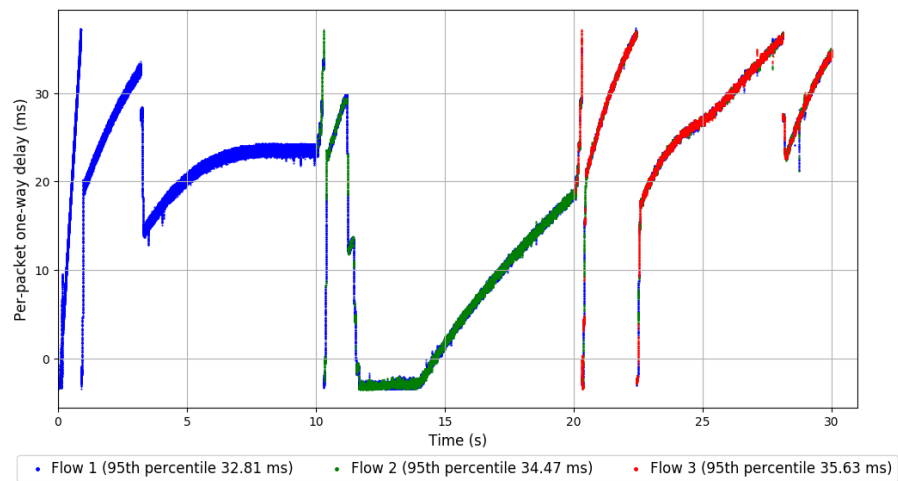
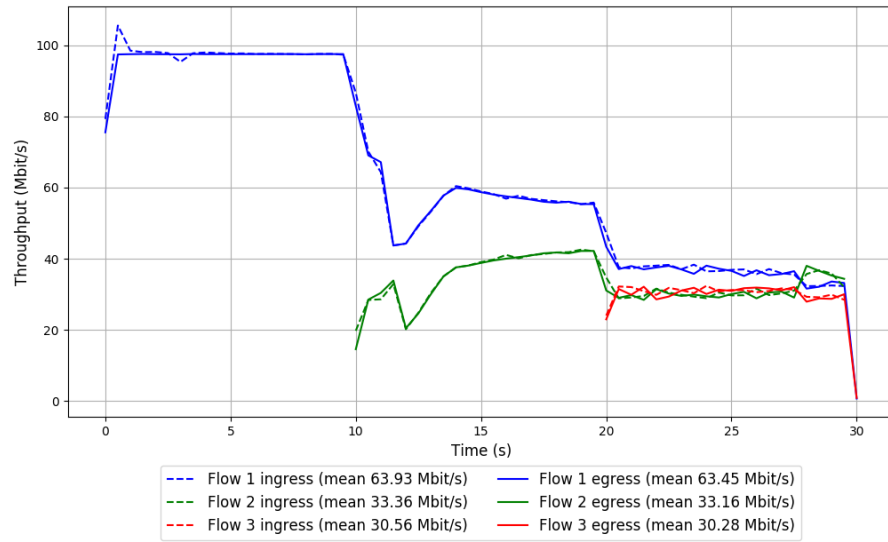


Run 6: Statistics of TCP Cubic

Start at: 2018-02-13 19:20:01
End at: 2018-02-13 19:20:31
Local clock offset: 0.287 ms
Remote clock offset: -2.276 ms

Below is generated by plot.py at 2018-02-13 21:28:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 34.006 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 63.45 Mbit/s
95th percentile per-packet one-way delay: 32.812 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 34.466 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 30.28 Mbit/s
95th percentile per-packet one-way delay: 35.629 ms
Loss rate: 0.77%

Run 6: Report of TCP Cubic — Data Link

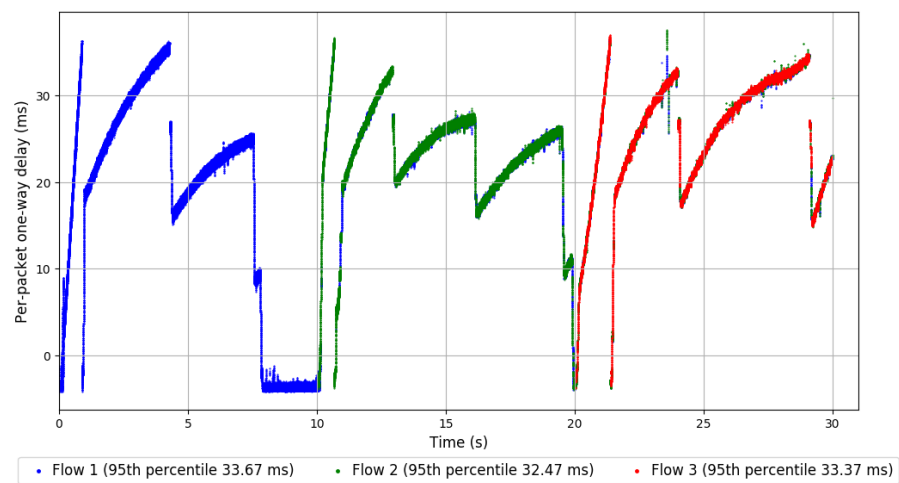
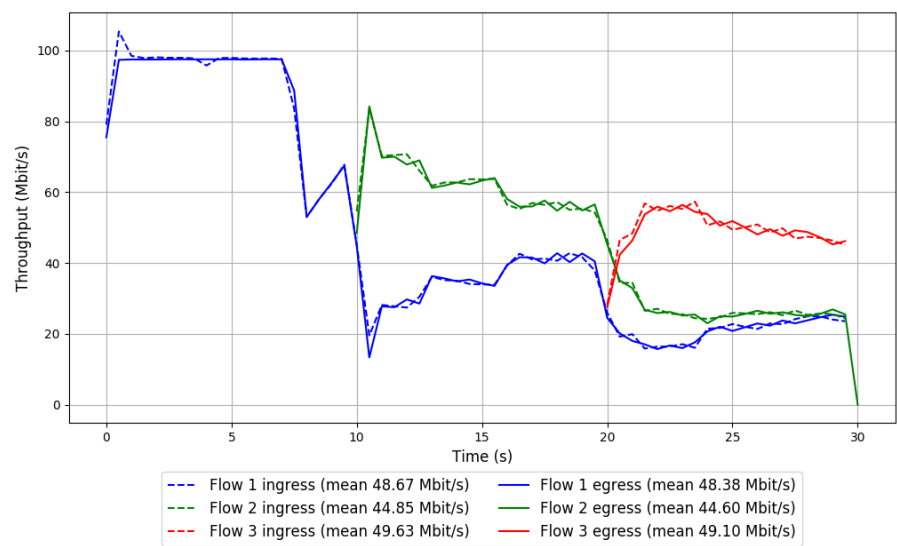


Run 7: Statistics of TCP Cubic

Start at: 2018-02-13 19:42:37
End at: 2018-02-13 19:43:07
Local clock offset: 2.518 ms
Remote clock offset: -19.404 ms

Below is generated by plot.py at 2018-02-13 21:30:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 33.199 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 33.668 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 32.473 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 49.10 Mbit/s
95th percentile per-packet one-way delay: 33.374 ms
Loss rate: 0.80%

Run 7: Report of TCP Cubic — Data Link

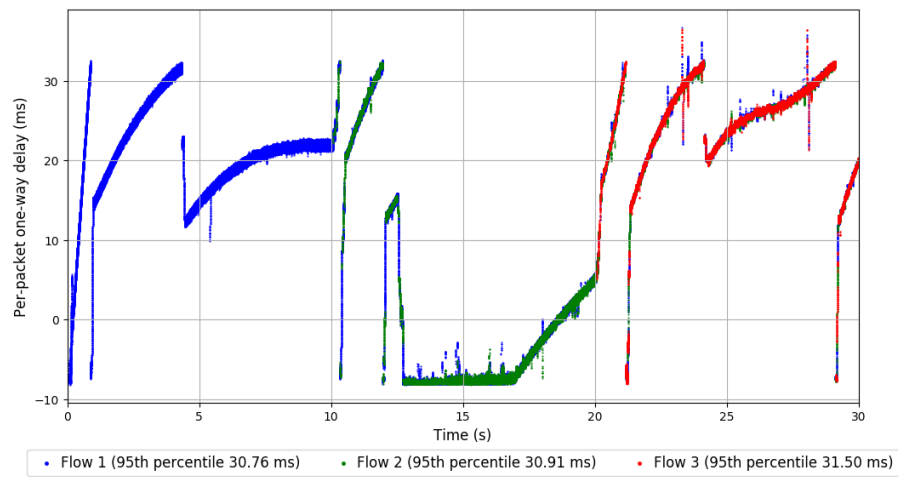
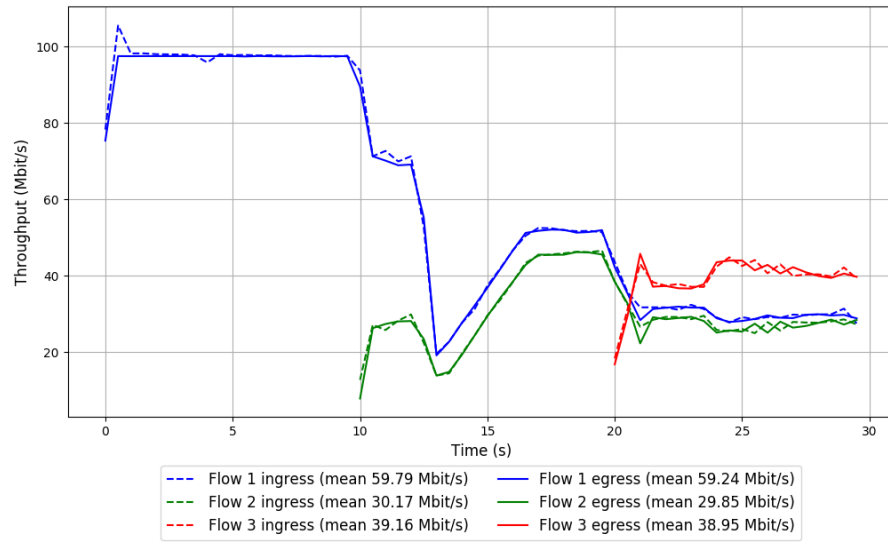


Run 8: Statistics of TCP Cubic

Start at: 2018-02-13 20:05:05
End at: 2018-02-13 20:05:35
Local clock offset: 5.118 ms
Remote clock offset: -28.218 ms

Below is generated by plot.py at 2018-02-13 21:30:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.05 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 59.24 Mbit/s
95th percentile per-packet one-way delay: 30.760 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 30.912 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 38.95 Mbit/s
95th percentile per-packet one-way delay: 31.496 ms
Loss rate: 0.38%

Run 8: Report of TCP Cubic — Data Link

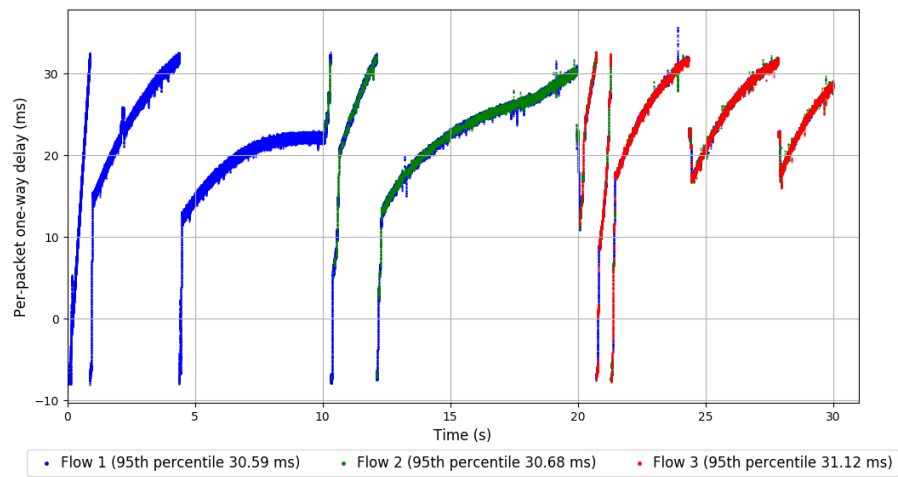
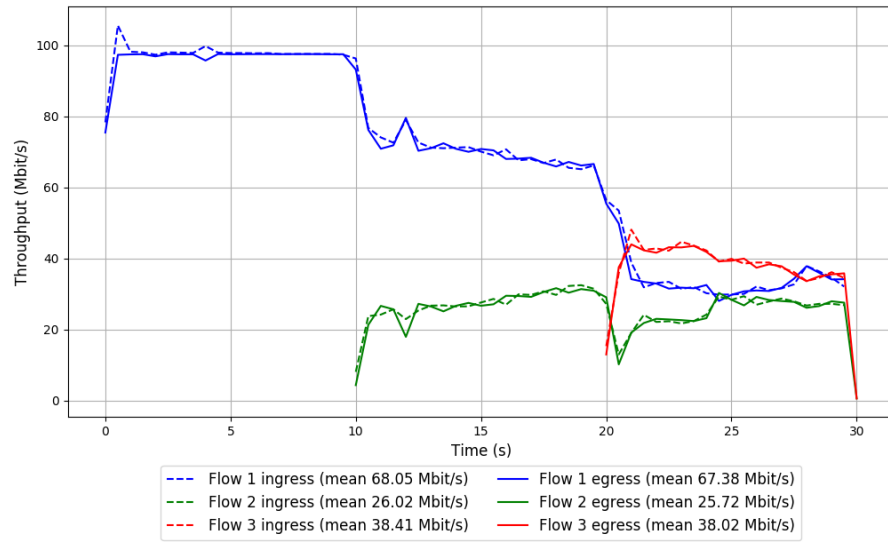


Run 9: Statistics of TCP Cubic

Start at: 2018-02-13 20:28:13
End at: 2018-02-13 20:28:43
Local clock offset: 2.981 ms
Remote clock offset: -34.016 ms

Below is generated by plot.py at 2018-02-13 21:30:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 30.702 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 67.38 Mbit/s
95th percentile per-packet one-way delay: 30.586 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 25.72 Mbit/s
95th percentile per-packet one-way delay: 30.680 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 31.120 ms
Loss rate: 0.91%

Run 9: Report of TCP Cubic — Data Link

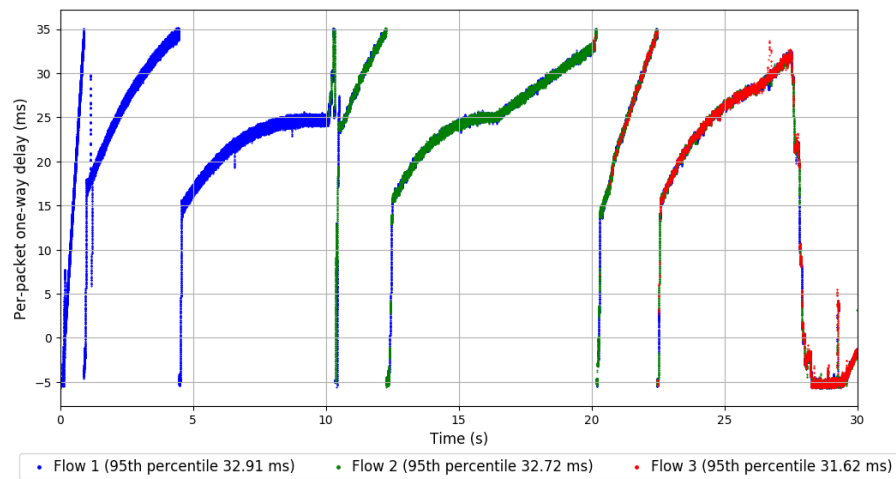
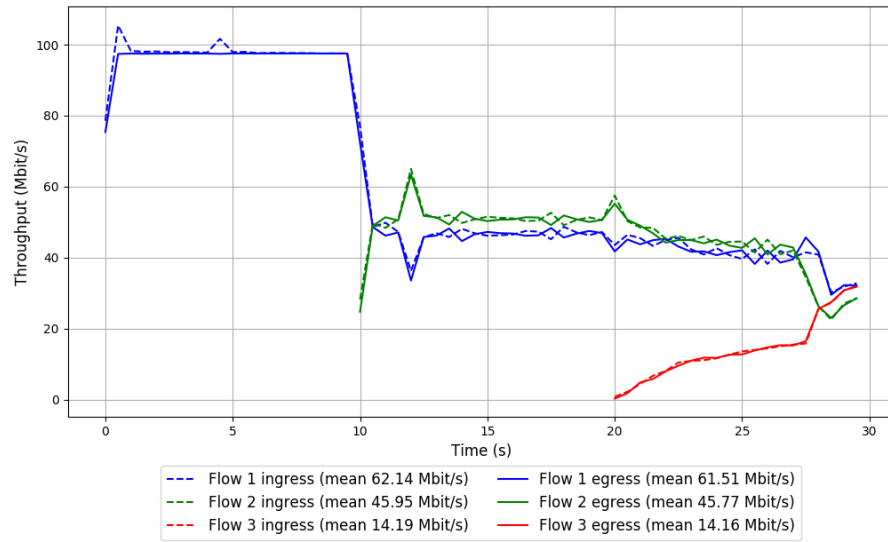


Run 10: Statistics of TCP Cubic

Start at: 2018-02-13 20:50:52
End at: 2018-02-13 20:51:22
Local clock offset: 3.27 ms
Remote clock offset: -24.05 ms

Below is generated by plot.py at 2018-02-13 21:30:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 32.823 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 61.51 Mbit/s
95th percentile per-packet one-way delay: 32.915 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 32.722 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 14.16 Mbit/s
95th percentile per-packet one-way delay: 31.624 ms
Loss rate: 0.56%

Run 10: Report of TCP Cubic — Data Link

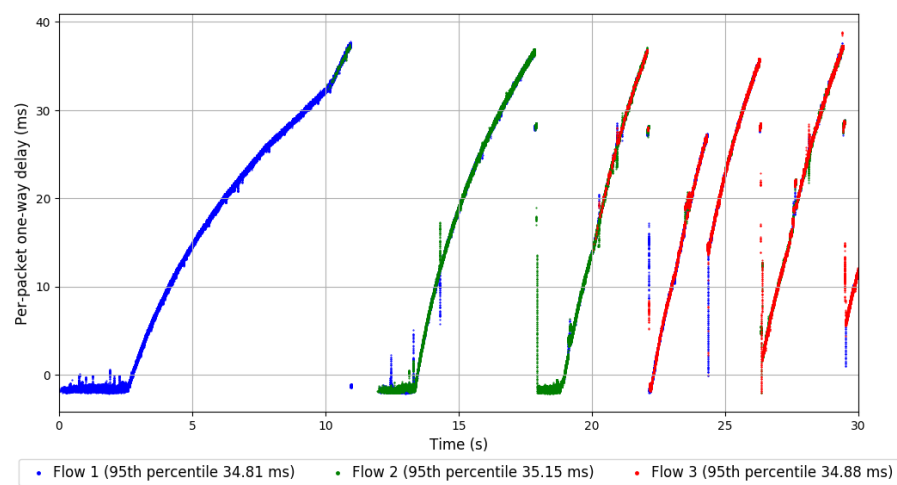
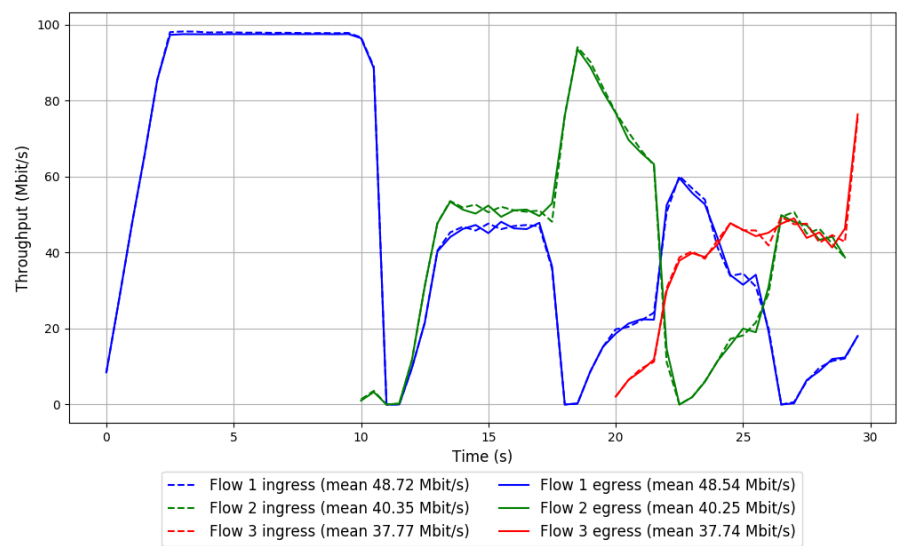


Run 1: Statistics of LEDBAT

Start at: 2018-02-13 17:14:58
End at: 2018-02-13 17:15:28
Local clock offset: 0.24 ms
Remote clock offset: -18.406 ms

Below is generated by plot.py at 2018-02-13 21:30:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: 34.916 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 48.54 Mbit/s
95th percentile per-packet one-way delay: 34.815 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 40.25 Mbit/s
95th percentile per-packet one-way delay: 35.150 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 37.74 Mbit/s
95th percentile per-packet one-way delay: 34.880 ms
Loss rate: 0.09%

Run 1: Report of LEDBAT — Data Link

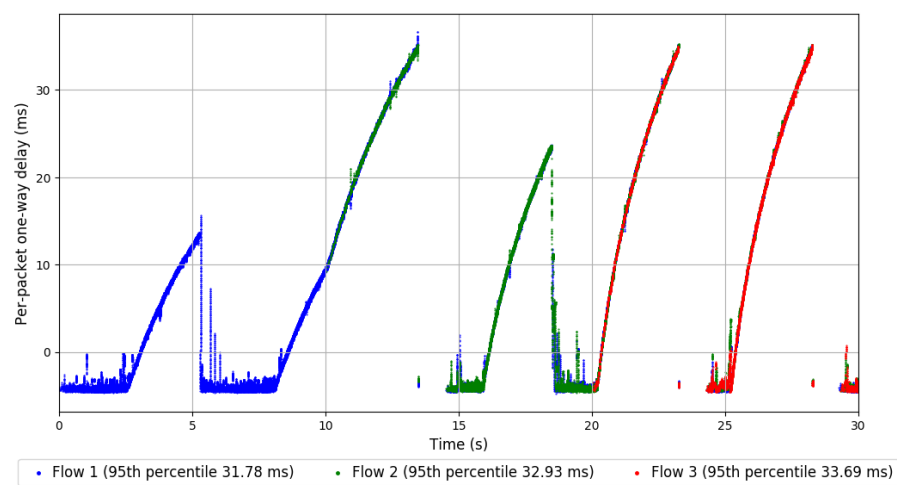
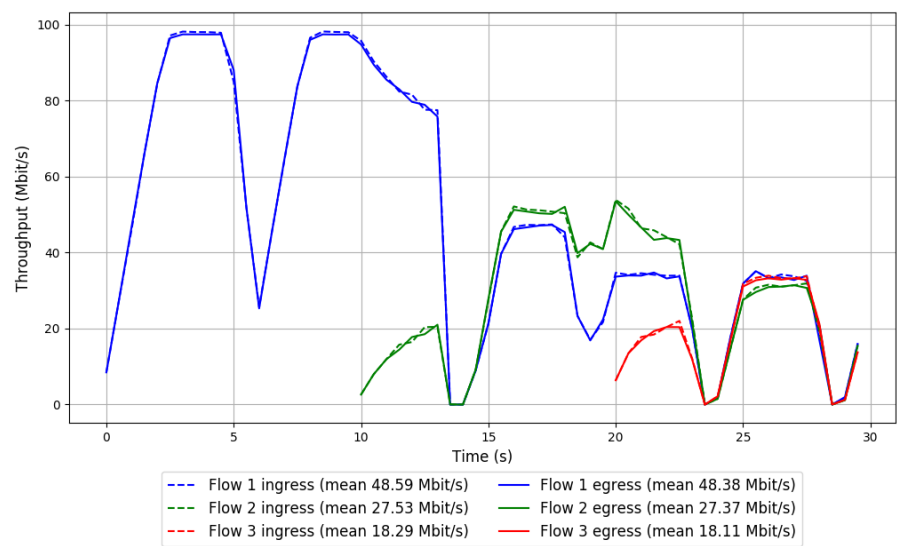


Run 2: Statistics of LEDBAT

Start at: 2018-02-13 17:37:21
End at: 2018-02-13 17:37:51
Local clock offset: 1.998 ms
Remote clock offset: -18.772 ms

Below is generated by plot.py at 2018-02-13 21:30:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.58 Mbit/s
95th percentile per-packet one-way delay: 32.456 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 31.782 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 27.37 Mbit/s
95th percentile per-packet one-way delay: 32.930 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 18.11 Mbit/s
95th percentile per-packet one-way delay: 33.688 ms
Loss rate: 1.01%

Run 2: Report of LEDBAT — Data Link

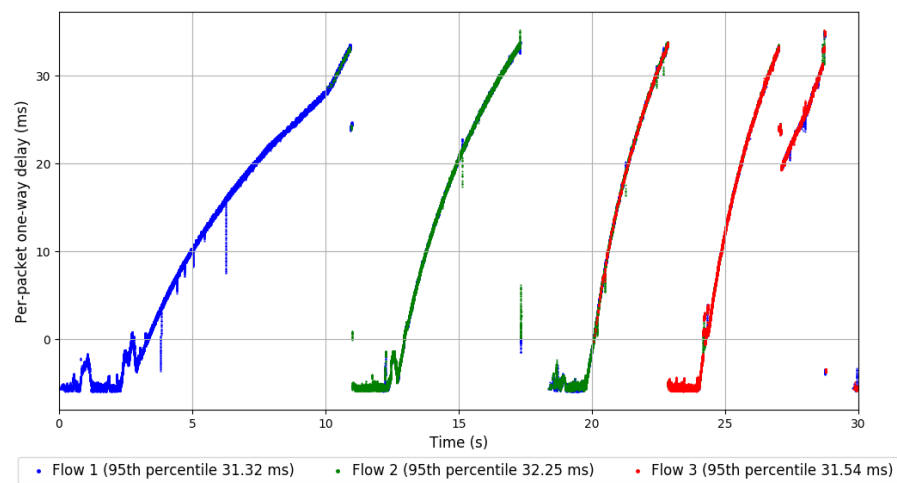
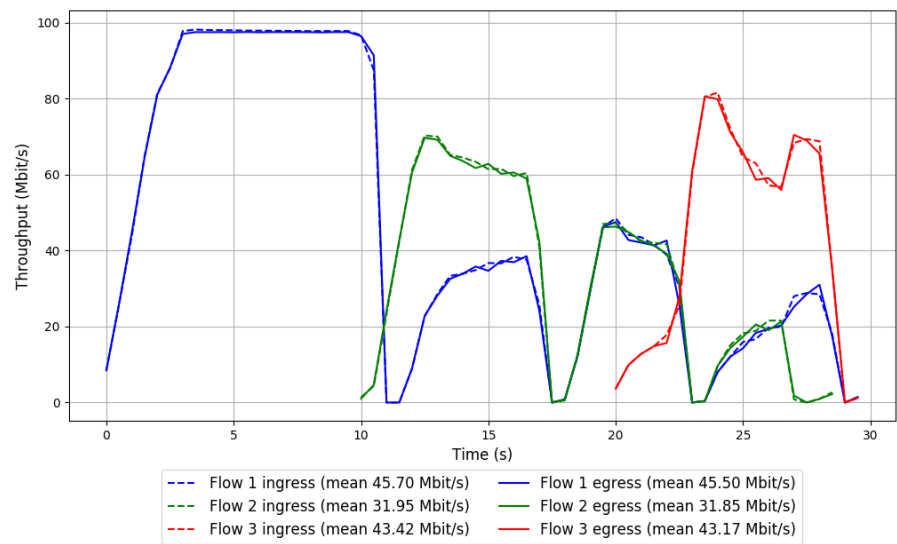


Run 3: Statistics of LEDBAT

Start at: 2018-02-13 17:59:09
End at: 2018-02-13 17:59:39
Local clock offset: 1.987 ms
Remote clock offset: -19.456 ms

Below is generated by plot.py at 2018-02-13 21:30:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.65 Mbit/s
95th percentile per-packet one-way delay: 31.718 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 45.50 Mbit/s
95th percentile per-packet one-way delay: 31.320 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 32.247 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 43.17 Mbit/s
95th percentile per-packet one-way delay: 31.542 ms
Loss rate: 0.63%

Run 3: Report of LEDBAT — Data Link

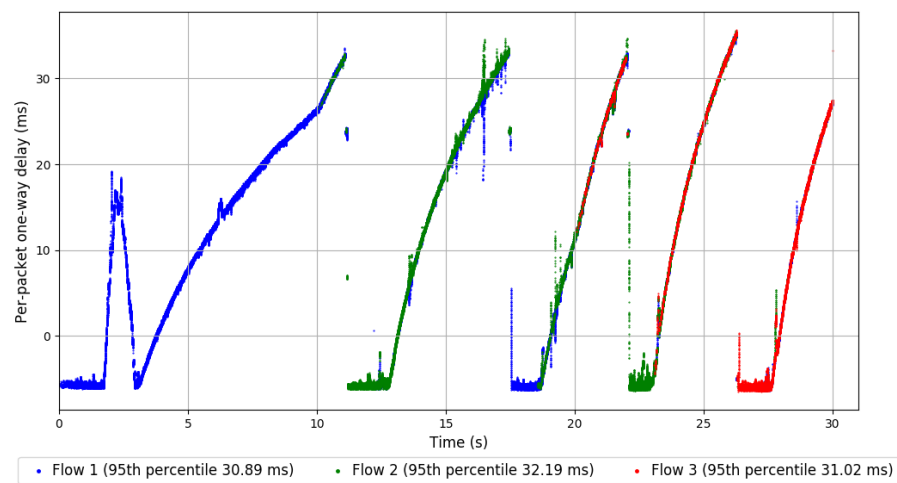
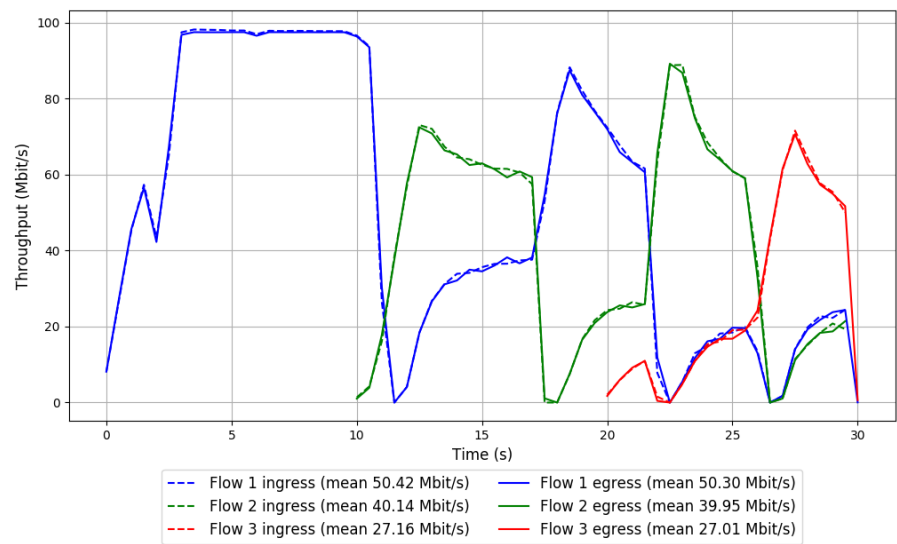


Run 4: Statistics of LEDBAT

Start at: 2018-02-13 18:21:27
End at: 2018-02-13 18:21:57
Local clock offset: 2.028 ms
Remote clock offset: -15.756 ms

Below is generated by plot.py at 2018-02-13 21:30:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.78 Mbit/s
95th percentile per-packet one-way delay: 31.438 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 30.895 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.95 Mbit/s
95th percentile per-packet one-way delay: 32.192 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 27.01 Mbit/s
95th percentile per-packet one-way delay: 31.018 ms
Loss rate: 0.34%

Run 4: Report of LEDBAT — Data Link

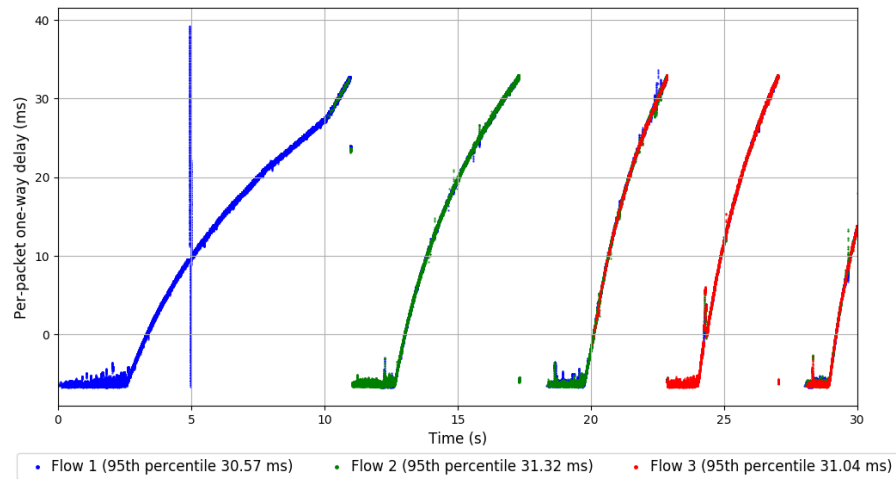
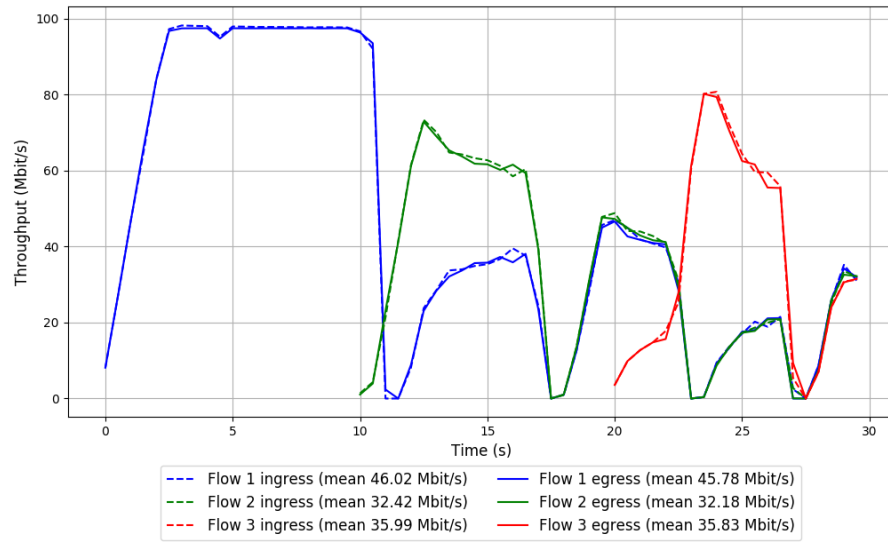


Run 5: Statistics of LEDBAT

Start at: 2018-02-13 18:43:36
End at: 2018-02-13 18:44:06
Local clock offset: 2.815 ms
Remote clock offset: -9.013 ms

Below is generated by plot.py at 2018-02-13 21:31:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.08 Mbit/s
95th percentile per-packet one-way delay: 30.915 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 45.78 Mbit/s
95th percentile per-packet one-way delay: 30.574 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 31.316 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 31.038 ms
Loss rate: 0.30%

Run 5: Report of LEDBAT — Data Link

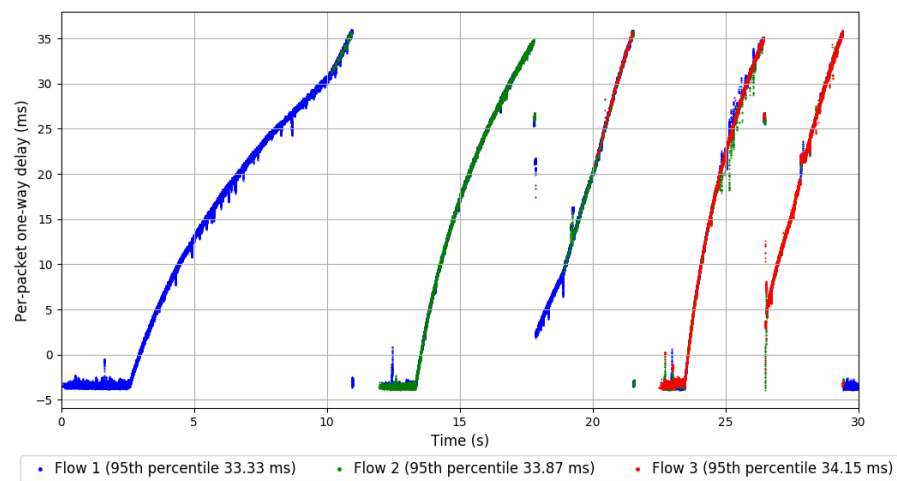
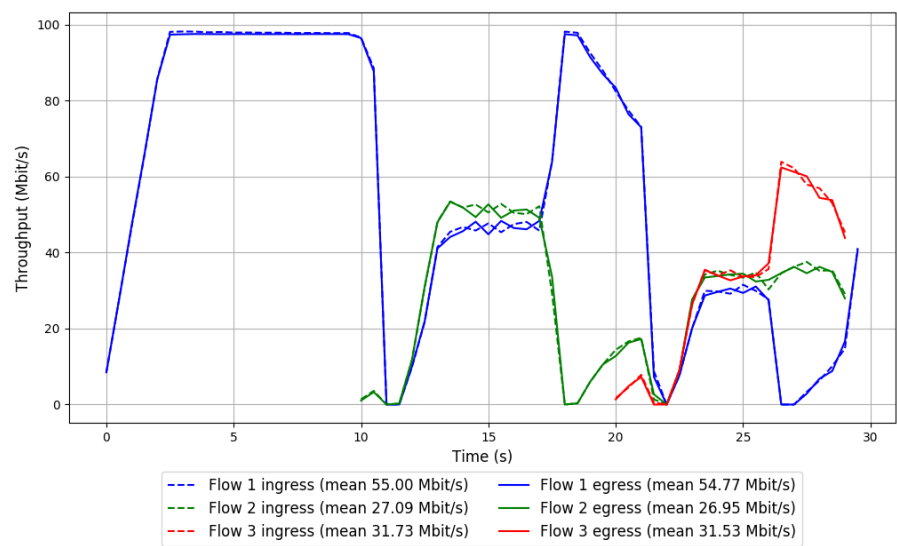


Run 6: Statistics of LEDBAT

Start at: 2018-02-13 19:06:13
End at: 2018-02-13 19:06:43
Local clock offset: 1.361 ms
Remote clock offset: -3.882 ms

Below is generated by plot.py at 2018-02-13 21:31:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.07 Mbit/s
95th percentile per-packet one-way delay: 33.613 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 54.77 Mbit/s
95th percentile per-packet one-way delay: 33.327 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 26.95 Mbit/s
95th percentile per-packet one-way delay: 33.871 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 31.53 Mbit/s
95th percentile per-packet one-way delay: 34.150 ms
Loss rate: 0.88%

Run 6: Report of LEDBAT — Data Link

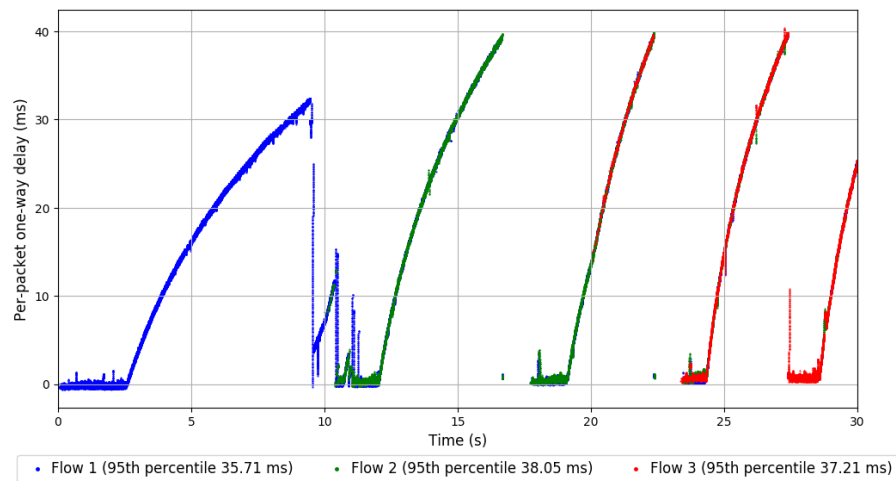
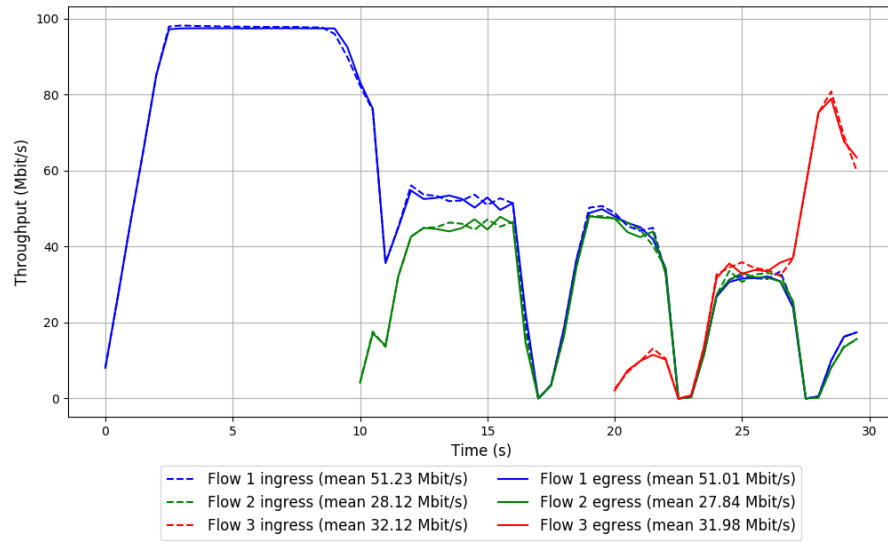


Run 7: Statistics of LEDBAT

Start at: 2018-02-13 19:28:52
End at: 2018-02-13 19:29:22
Local clock offset: -0.464 ms
Remote clock offset: -4.766 ms

```
# Below is generated by plot.py at 2018-02-13 21:31:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.14 Mbit/s
95th percentile per-packet one-way delay: 36.908 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 51.01 Mbit/s
95th percentile per-packet one-way delay: 35.707 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 27.84 Mbit/s
95th percentile per-packet one-way delay: 38.047 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 37.212 ms
Loss rate: 0.33%
```

Run 7: Report of LEDBAT — Data Link

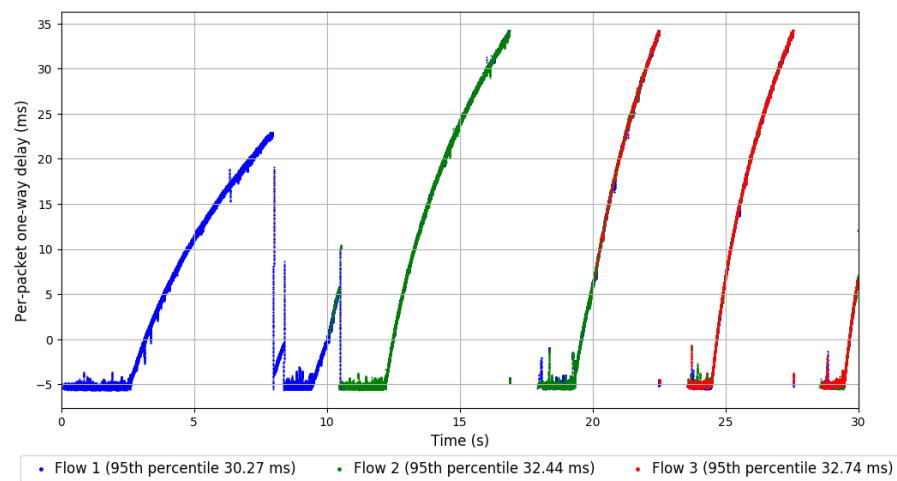
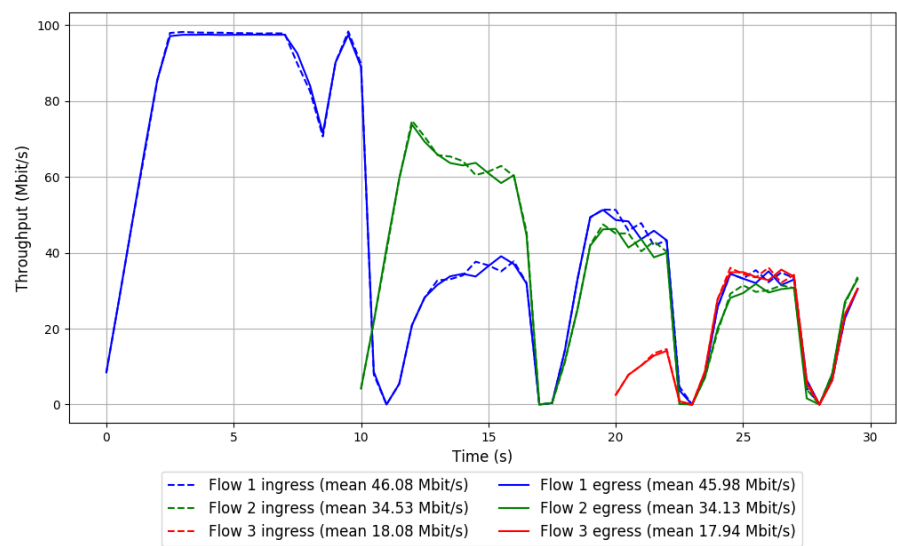


Run 8: Statistics of LEDBAT

Start at: 2018-02-13 19:51:33
End at: 2018-02-13 19:52:03
Local clock offset: 3.337 ms
Remote clock offset: -23.99 ms

Below is generated by plot.py at 2018-02-13 21:31:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 31.714 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 45.98 Mbit/s
95th percentile per-packet one-way delay: 30.266 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 34.13 Mbit/s
95th percentile per-packet one-way delay: 32.442 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 32.736 ms
Loss rate: 0.76%

Run 8: Report of LEDBAT — Data Link

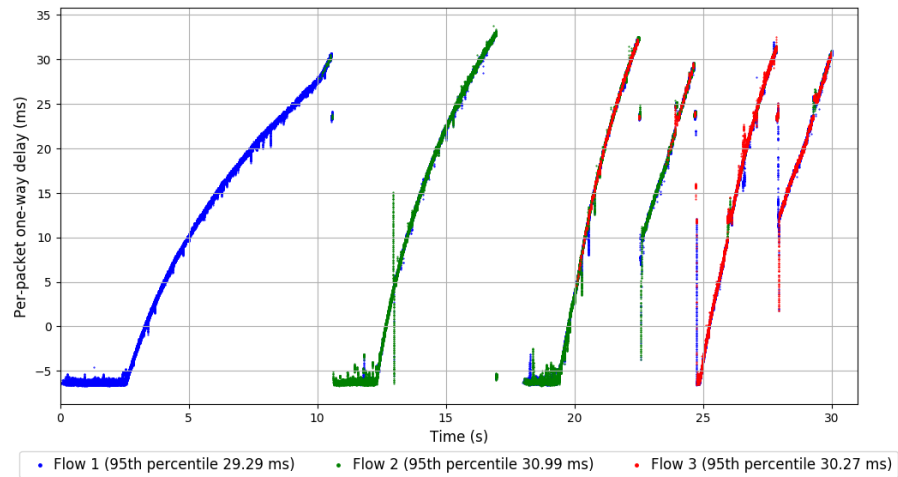
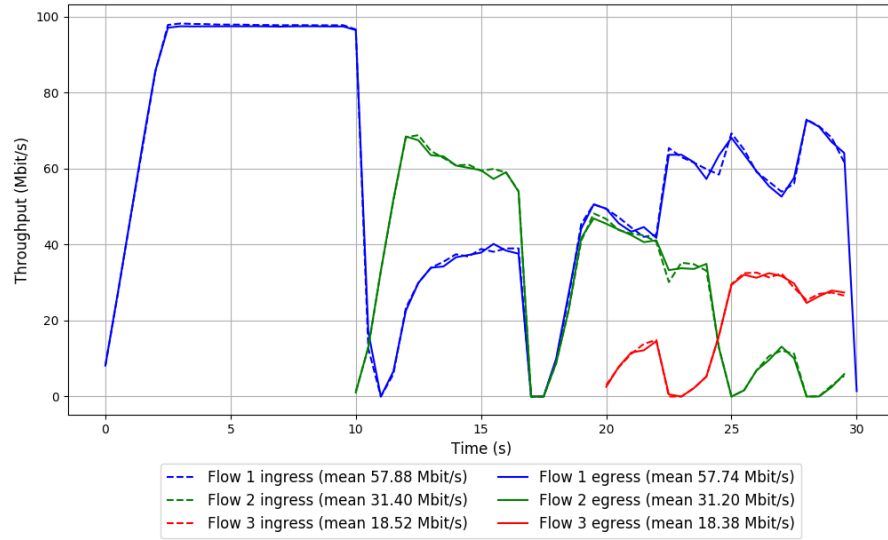


Run 9: Statistics of LEDBAT

Start at: 2018-02-13 20:14:09
End at: 2018-02-13 20:14:39
Local clock offset: 4.12 ms
Remote clock offset: -28.694 ms

Below is generated by plot.py at 2018-02-13 21:31:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.57 Mbit/s
95th percentile per-packet one-way delay: 29.958 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 29.293 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 30.988 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 18.38 Mbit/s
95th percentile per-packet one-way delay: 30.269 ms
Loss rate: 0.48%

Run 9: Report of LEDBAT — Data Link

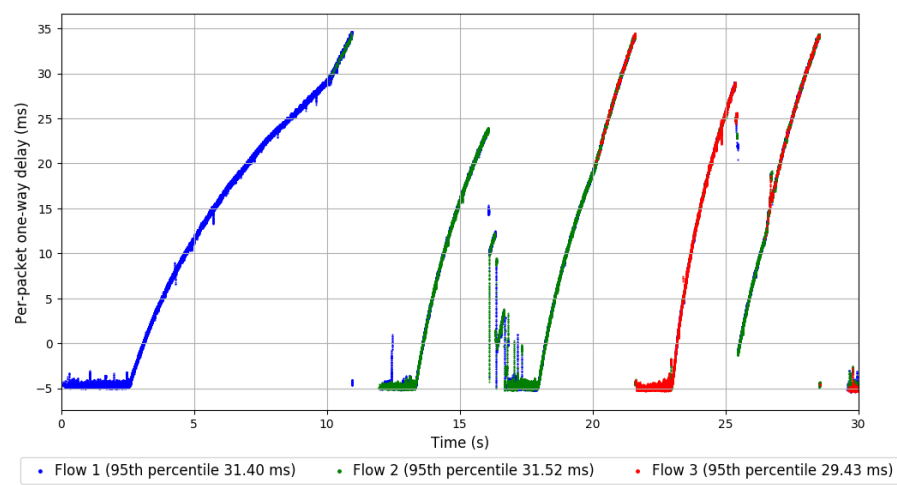
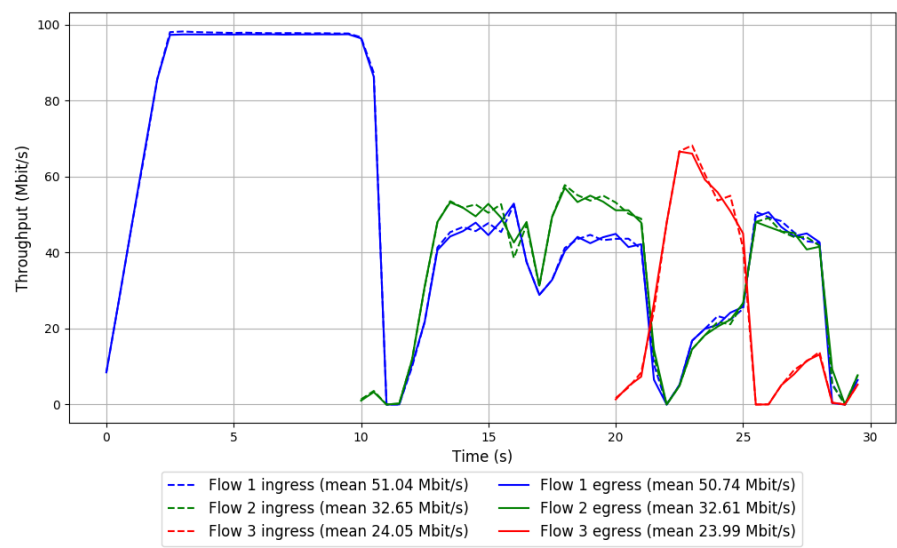


Run 10: Statistics of LEDBAT

Start at: 2018-02-13 20:37:30
End at: 2018-02-13 20:38:00
Local clock offset: 2.104 ms
Remote clock offset: -29.756 ms

Below is generated by plot.py at 2018-02-13 21:31:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.35 Mbit/s
95th percentile per-packet one-way delay: 31.337 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 50.74 Mbit/s
95th percentile per-packet one-way delay: 31.396 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 32.61 Mbit/s
95th percentile per-packet one-way delay: 31.523 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 29.431 ms
Loss rate: 0.50%

Run 10: Report of LEDBAT — Data Link

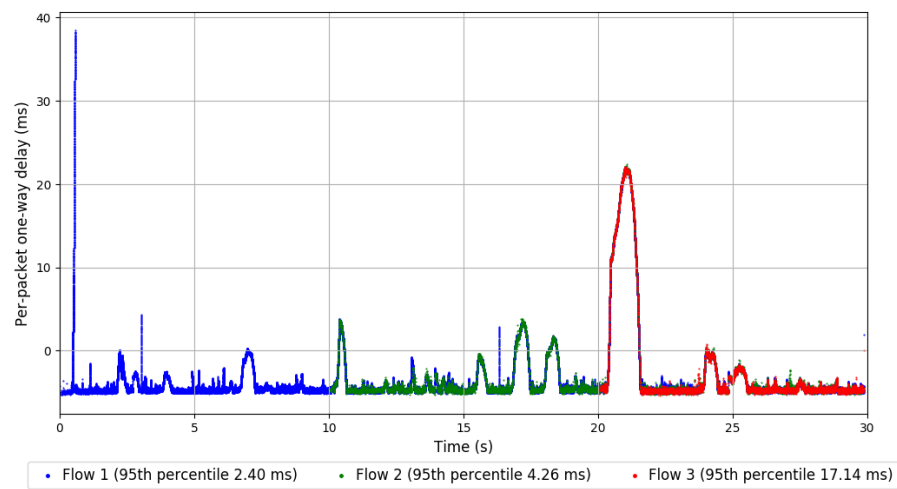
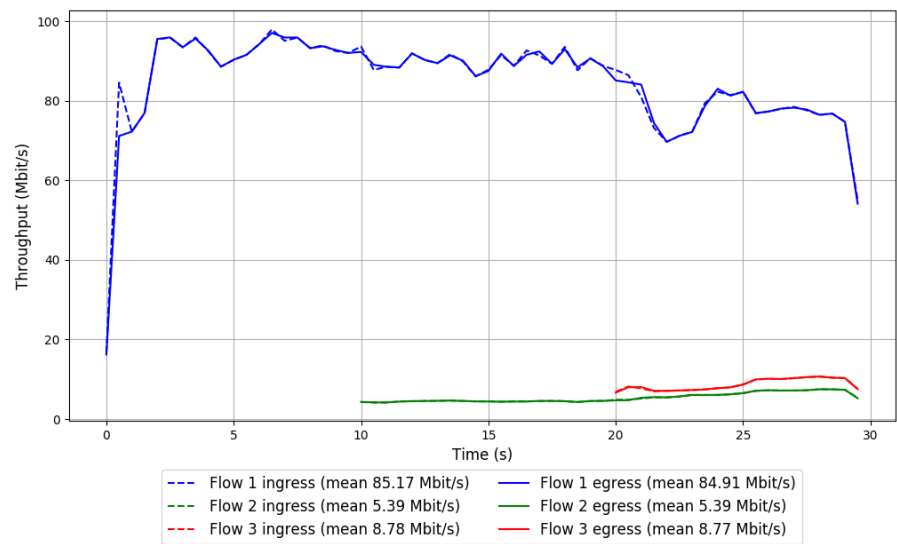


Run 1: Statistics of PCC

Start at: 2018-02-13 17:22:18
End at: 2018-02-13 17:22:48
Local clock offset: 1.905 ms
Remote clock offset: -19.682 ms

Below is generated by plot.py at 2018-02-13 21:31:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 2.844 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 84.91 Mbit/s
95th percentile per-packet one-way delay: 2.400 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 4.263 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 17.138 ms
Loss rate: 0.00%

Run 1: Report of PCC — Data Link

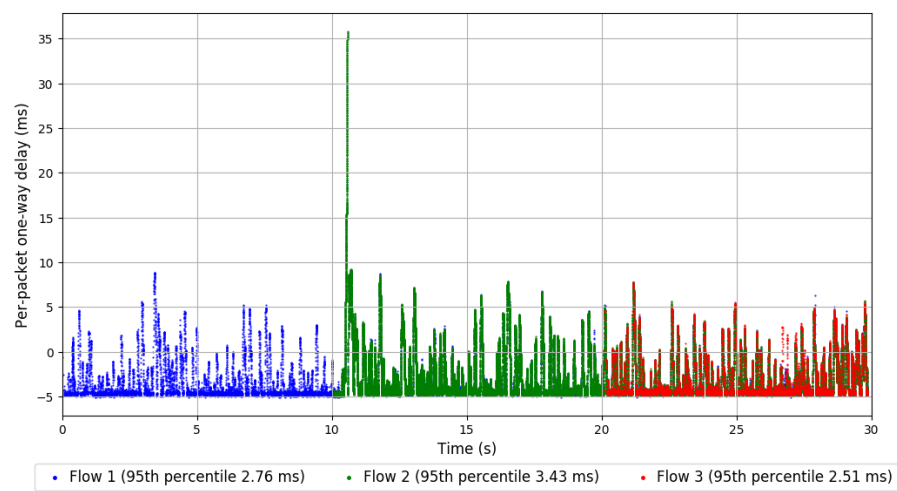
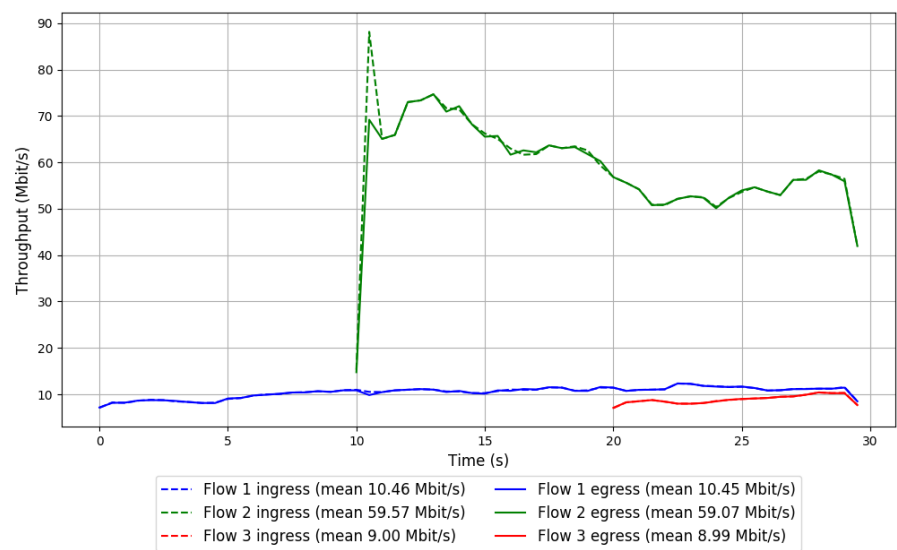


Run 2: Statistics of PCC

Start at: 2018-02-13 17:44:28
End at: 2018-02-13 17:44:58
Local clock offset: 3.111 ms
Remote clock offset: -17.787 ms

Below is generated by plot.py at 2018-02-13 21:31:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.69 Mbit/s
95th percentile per-packet one-way delay: 3.209 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 2.762 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 3.426 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 8.99 Mbit/s
95th percentile per-packet one-way delay: 2.512 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

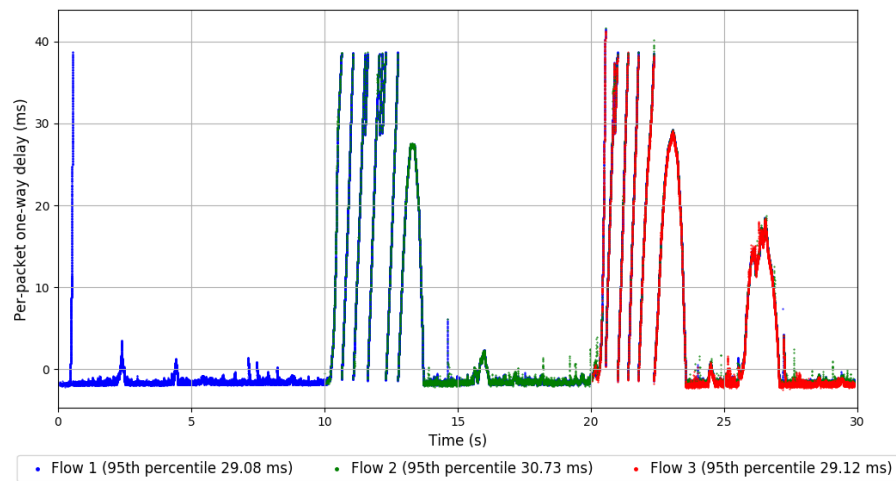
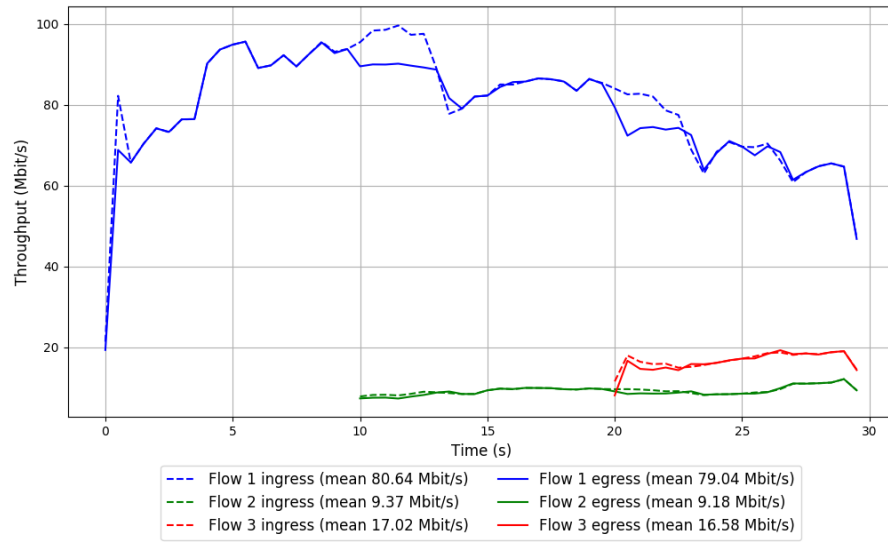


Run 3: Statistics of PCC

Start at: 2018-02-13 18:06:13
End at: 2018-02-13 18:06:43
Local clock offset: -0.501 ms
Remote clock offset: -18.535 ms

Below is generated by plot.py at 2018-02-13 21:32:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.61 Mbit/s
95th percentile per-packet one-way delay: 29.238 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 29.083 ms
Loss rate: 1.98%
-- Flow 2:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 30.730 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 16.58 Mbit/s
95th percentile per-packet one-way delay: 29.125 ms
Loss rate: 2.59%

Run 3: Report of PCC — Data Link

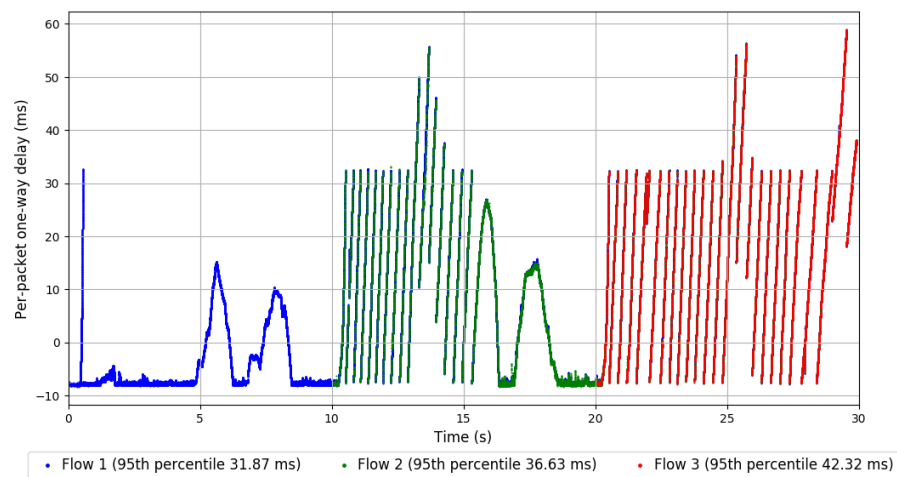
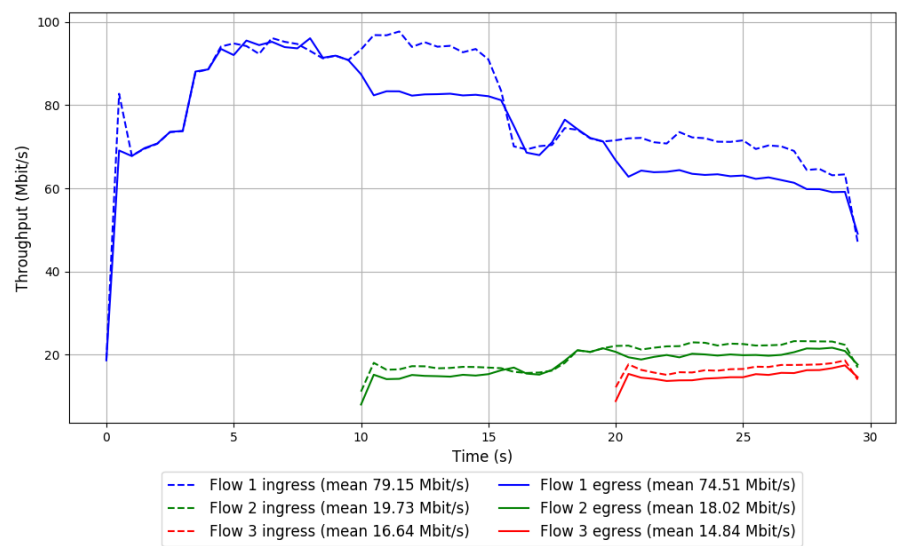


Run 4: Statistics of PCC

Start at: 2018-02-13 18:28:44
End at: 2018-02-13 18:29:14
Local clock offset: 3.291 ms
Remote clock offset: -12.994 ms

Below is generated by plot.py at 2018-02-13 21:32:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.41 Mbit/s
95th percentile per-packet one-way delay: 32.680 ms
Loss rate: 6.35%
-- Flow 1:
Average throughput: 74.51 Mbit/s
95th percentile per-packet one-way delay: 31.868 ms
Loss rate: 5.72%
-- Flow 2:
Average throughput: 18.02 Mbit/s
95th percentile per-packet one-way delay: 36.633 ms
Loss rate: 8.47%
-- Flow 3:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 42.323 ms
Loss rate: 10.39%

Run 4: Report of PCC — Data Link

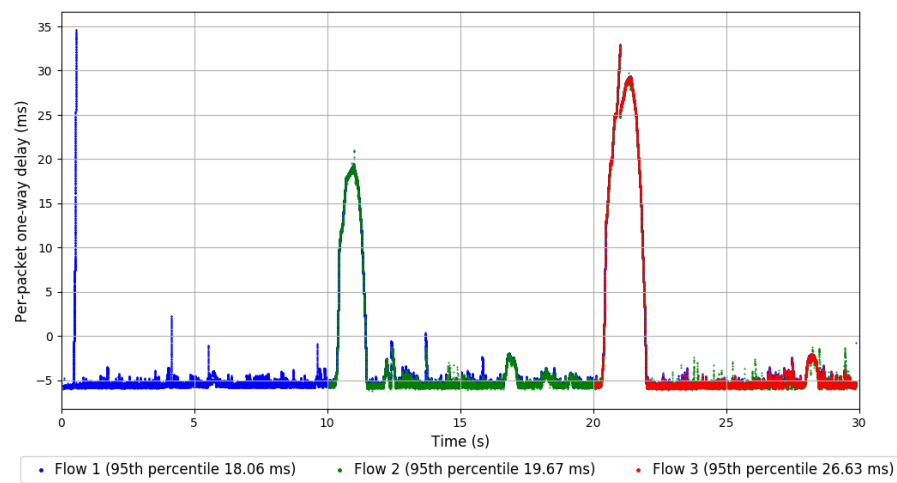
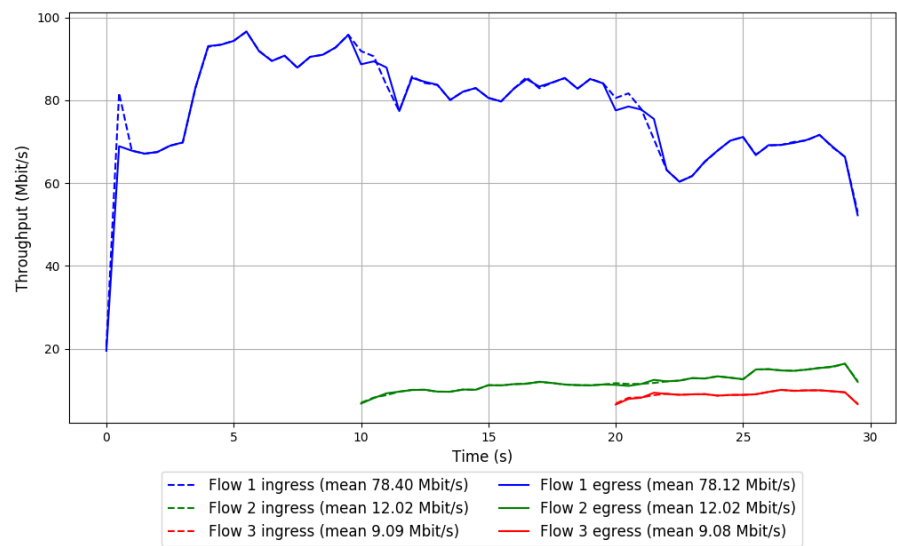


Run 5: Statistics of PCC

Start at: 2018-02-13 18:50:54
End at: 2018-02-13 18:51:24
Local clock offset: 2.763 ms
Remote clock offset: -7.313 ms

Below is generated by plot.py at 2018-02-13 21:32:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 18.364 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 78.12 Mbit/s
95th percentile per-packet one-way delay: 18.056 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 19.667 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 26.626 ms
Loss rate: 0.08%

Run 5: Report of PCC — Data Link

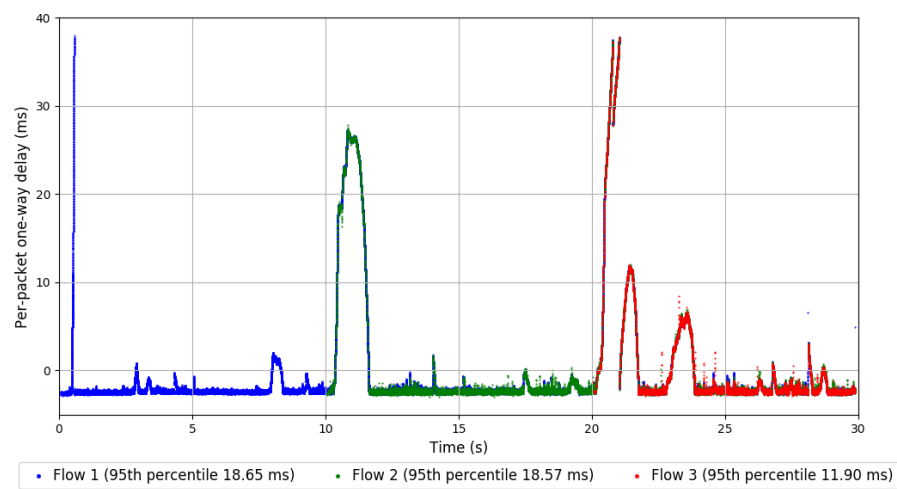
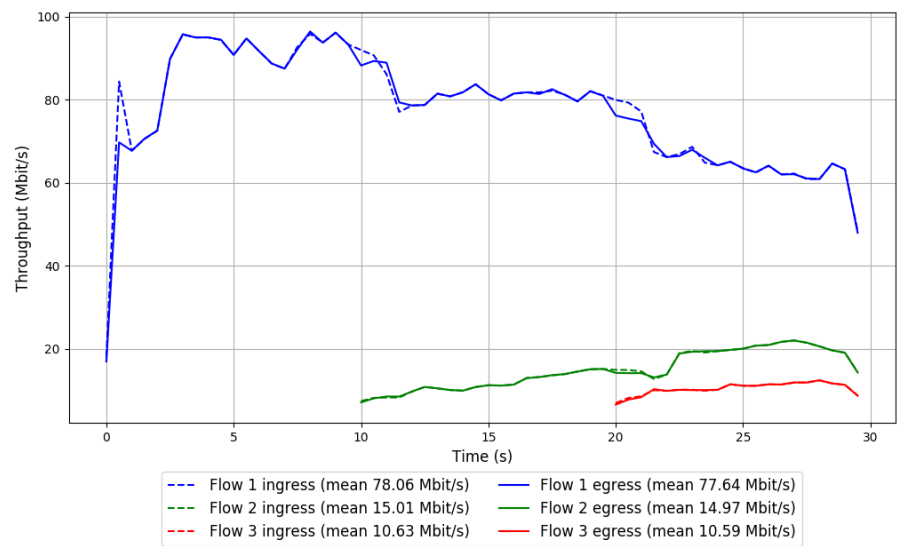


Run 6: Statistics of PCC

Start at: 2018-02-13 19:13:43
End at: 2018-02-13 19:14:13
Local clock offset: 0.558 ms
Remote clock offset: -2.205 ms

Below is generated by plot.py at 2018-02-13 21:32:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: 18.620 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 18.654 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 18.565 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: 11.902 ms
Loss rate: 0.39%

Run 6: Report of PCC — Data Link

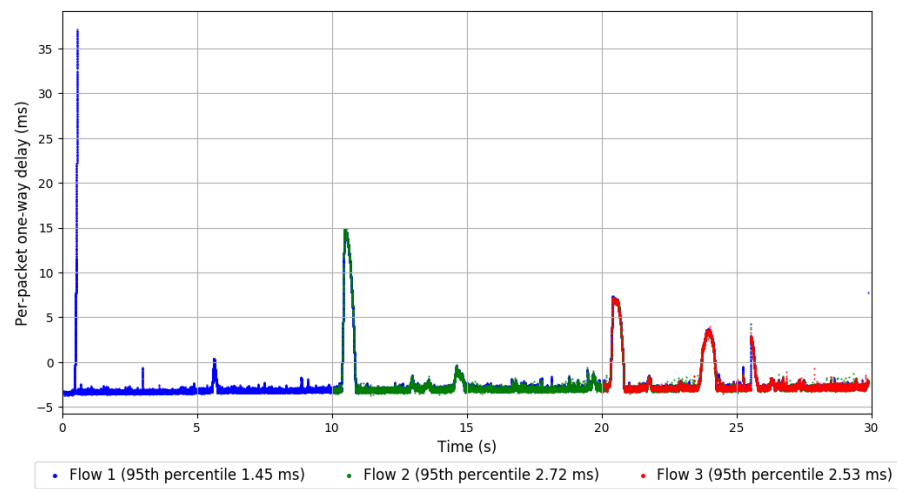
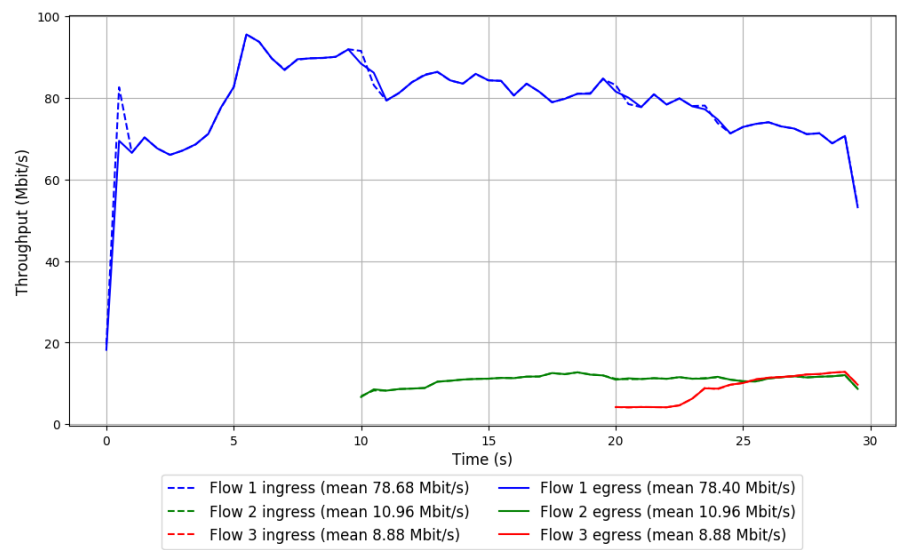


Run 7: Statistics of PCC

Start at: 2018-02-13 19:36:12
End at: 2018-02-13 19:36:42
Local clock offset: 1.727 ms
Remote clock offset: -15.332 ms

Below is generated by plot.py at 2018-02-13 21:32:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.62 Mbit/s
95th percentile per-packet one-way delay: 1.726 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 1.447 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 2.724 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 8.88 Mbit/s
95th percentile per-packet one-way delay: 2.527 ms
Loss rate: 0.01%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-13 19:58:51

End at: 2018-02-13 19:59:21

Local clock offset: 2.904 ms

Remote clock offset: -24.9 ms

Below is generated by plot.py at 2018-02-13 21:32:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.30 Mbit/s

95th percentile per-packet one-way delay: 14.667 ms

Loss rate: 1.03%

-- Flow 1:

Average throughput: 80.84 Mbit/s

95th percentile per-packet one-way delay: 14.443 ms

Loss rate: 1.05%

-- Flow 2:

Average throughput: 12.67 Mbit/s

95th percentile per-packet one-way delay: 17.099 ms

Loss rate: 0.84%

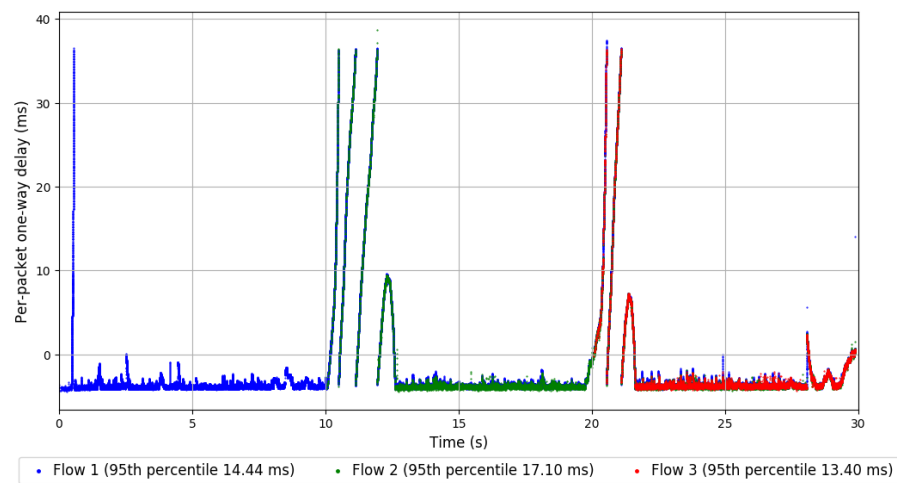
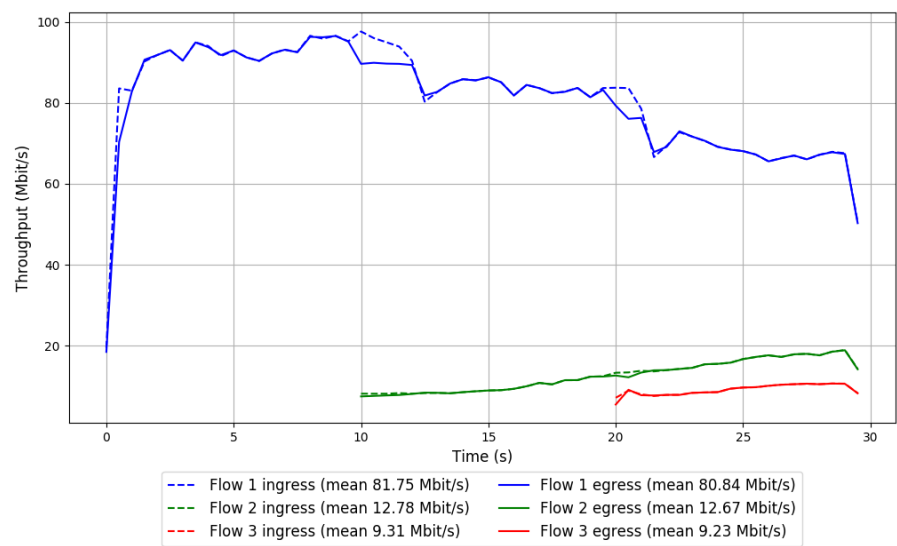
-- Flow 3:

Average throughput: 9.23 Mbit/s

95th percentile per-packet one-way delay: 13.402 ms

Loss rate: 0.88%

Run 8: Report of PCC — Data Link

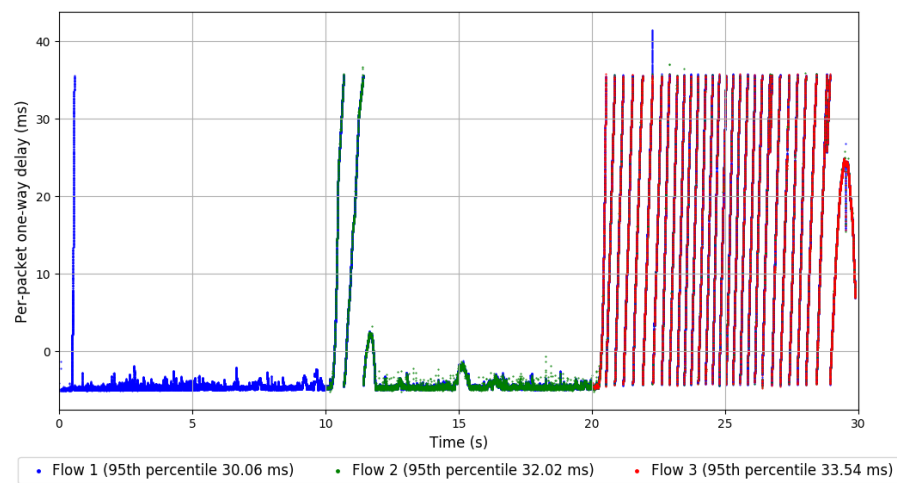
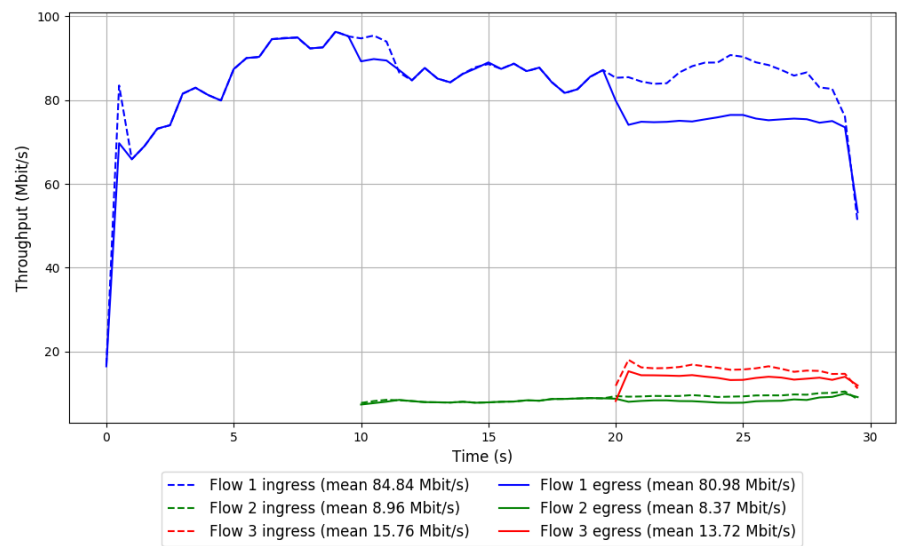


Run 9: Statistics of PCC

Start at: 2018-02-13 20:21:32
End at: 2018-02-13 20:22:02
Local clock offset: 3.032 ms
Remote clock offset: -29.587 ms

Below is generated by plot.py at 2018-02-13 21:32:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 30.683 ms
Loss rate: 5.09%
-- Flow 1:
Average throughput: 80.98 Mbit/s
95th percentile per-packet one-way delay: 30.063 ms
Loss rate: 4.52%
-- Flow 2:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 32.016 ms
Loss rate: 6.48%
-- Flow 3:
Average throughput: 13.72 Mbit/s
95th percentile per-packet one-way delay: 33.539 ms
Loss rate: 12.83%

Run 9: Report of PCC — Data Link

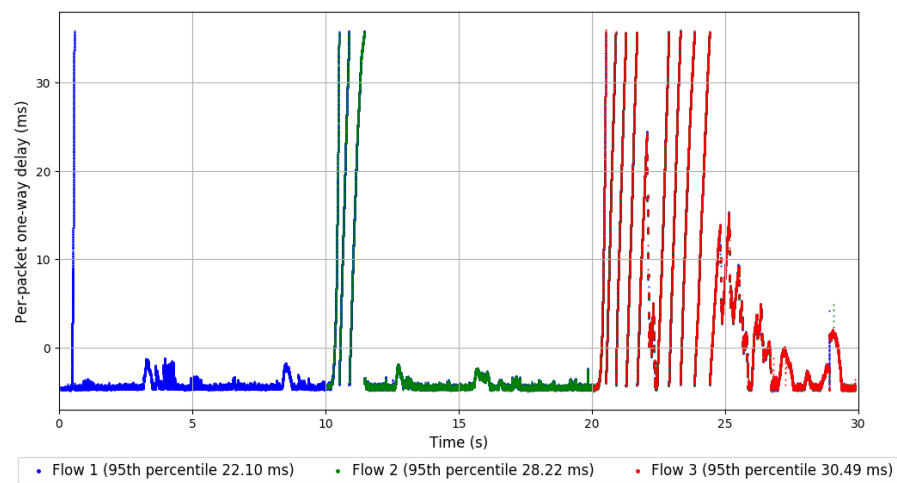
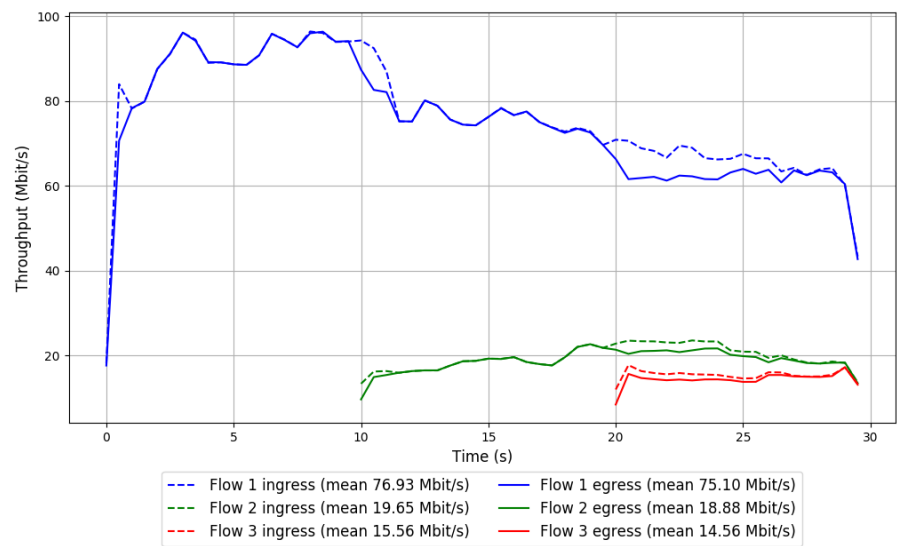


Run 10: Statistics of PCC

Start at: 2018-02-13 20:44:45
End at: 2018-02-13 20:45:15
Local clock offset: 2.943 ms
Remote clock offset: -24.669 ms

Below is generated by plot.py at 2018-02-13 21:33:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 24.304 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 75.10 Mbit/s
95th percentile per-packet one-way delay: 22.100 ms
Loss rate: 2.38%
-- Flow 2:
Average throughput: 18.88 Mbit/s
95th percentile per-packet one-way delay: 28.216 ms
Loss rate: 3.90%
-- Flow 3:
Average throughput: 14.56 Mbit/s
95th percentile per-packet one-way delay: 30.490 ms
Loss rate: 6.45%

Run 10: Report of PCC — Data Link

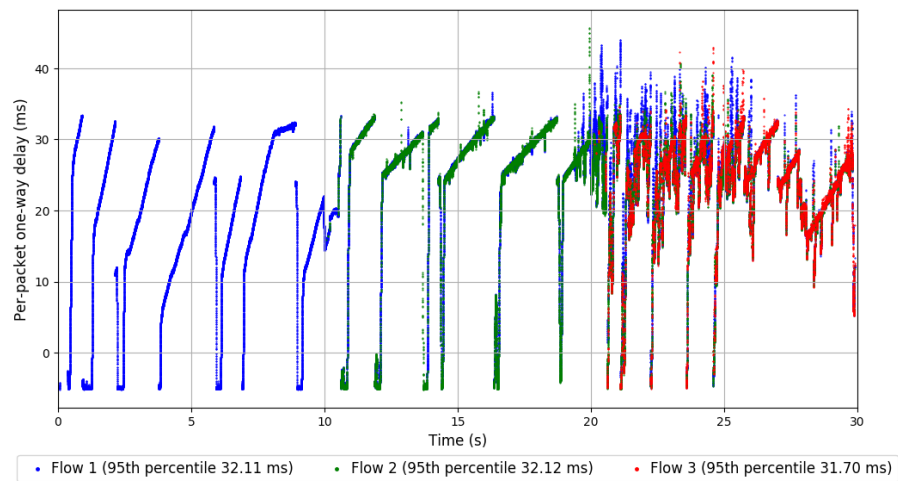
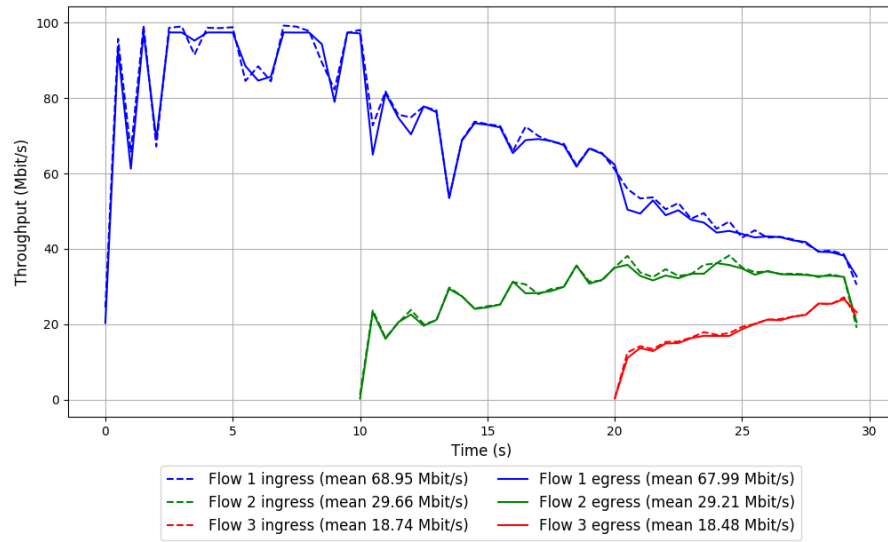


Run 1: Statistics of QUIC Cubic

Start at: 2018-02-13 17:24:41
End at: 2018-02-13 17:25:11
Local clock offset: 1.146 ms
Remote clock offset: -20.262 ms

Below is generated by plot.py at 2018-02-13 21:33:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 32.094 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 67.99 Mbit/s
95th percentile per-packet one-way delay: 32.111 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 29.21 Mbit/s
95th percentile per-packet one-way delay: 32.115 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 18.48 Mbit/s
95th percentile per-packet one-way delay: 31.697 ms
Loss rate: 1.53%

Run 1: Report of QUIC Cubic — Data Link

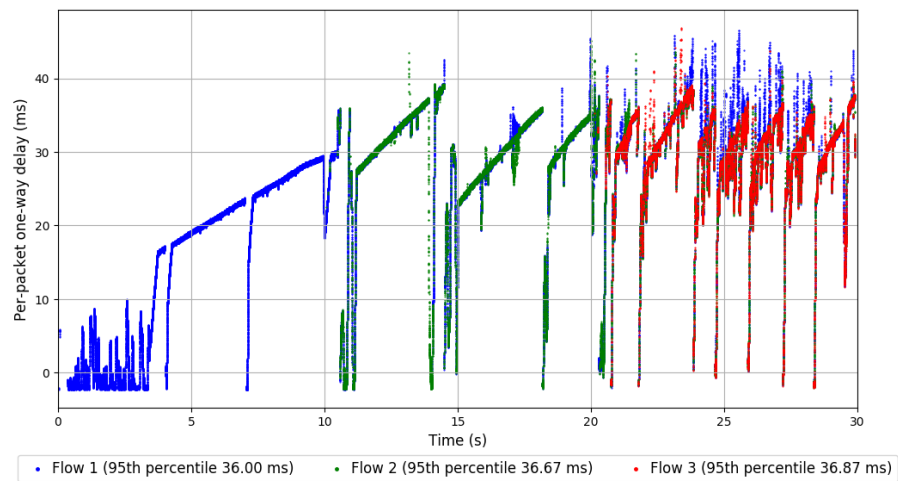
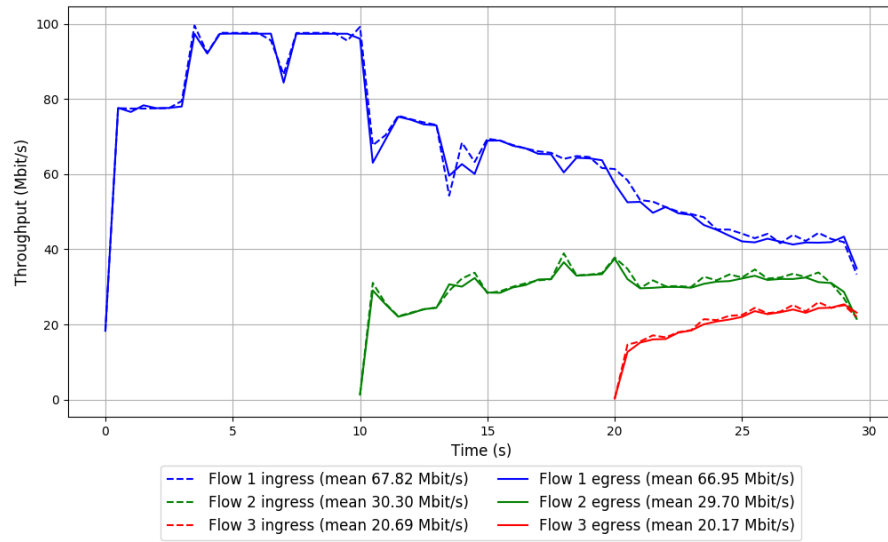


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-13 17:46:50
End at: 2018-02-13 17:47:20
Local clock offset: -0.291 ms
Remote clock offset: -18.692 ms

Below is generated by plot.py at 2018-02-13 21:34:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.24 Mbit/s
95th percentile per-packet one-way delay: 36.253 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 66.95 Mbit/s
95th percentile per-packet one-way delay: 36.002 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 36.669 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 20.17 Mbit/s
95th percentile per-packet one-way delay: 36.866 ms
Loss rate: 2.53%

Run 2: Report of QUIC Cubic — Data Link

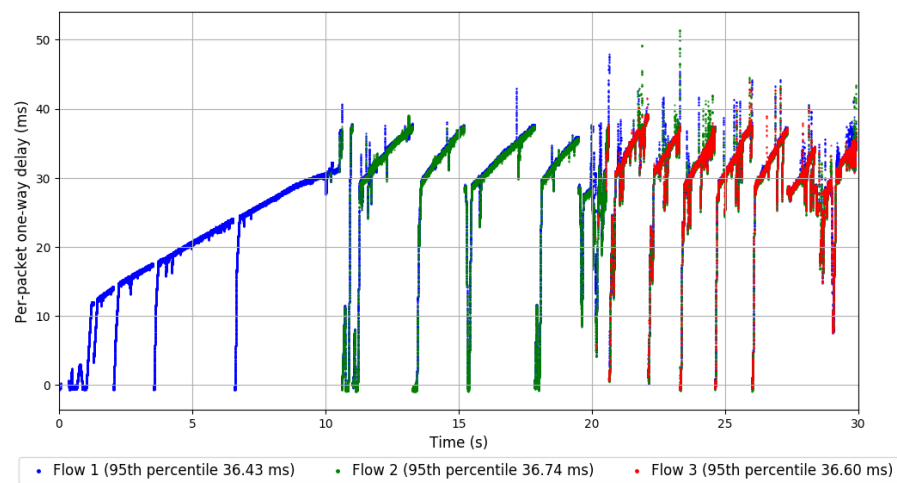
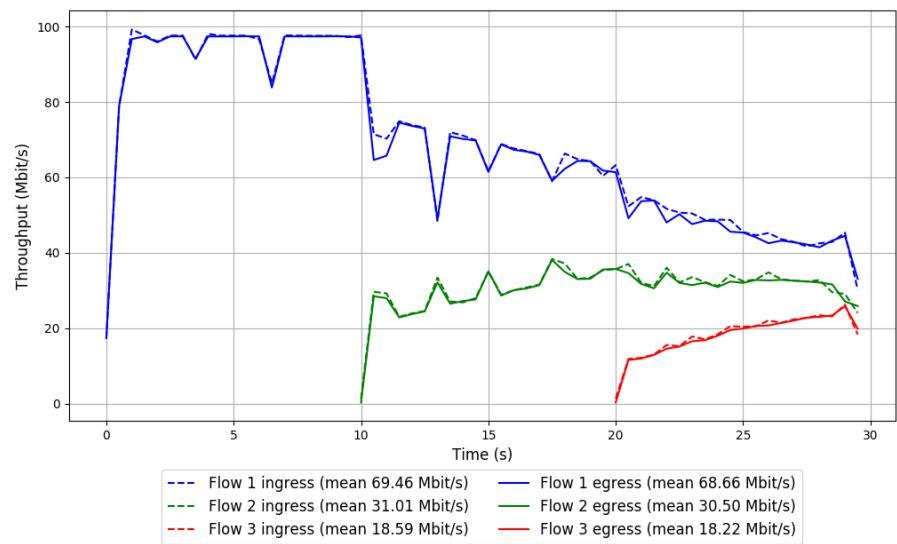


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-13 18:08:37
End at: 2018-02-13 18:09:07
Local clock offset: -0.431 ms
Remote clock offset: -17.105 ms

Below is generated by plot.py at 2018-02-13 21:34:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 36.506 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 68.66 Mbit/s
95th percentile per-packet one-way delay: 36.430 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 36.736 ms
Loss rate: 1.61%
-- Flow 3:
Average throughput: 18.22 Mbit/s
95th percentile per-packet one-way delay: 36.599 ms
Loss rate: 1.84%

Run 3: Report of QUIC Cubic — Data Link

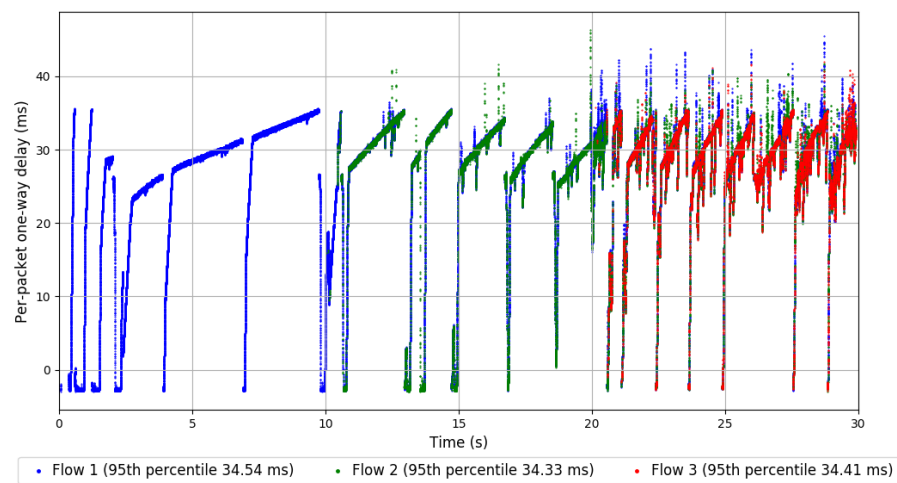
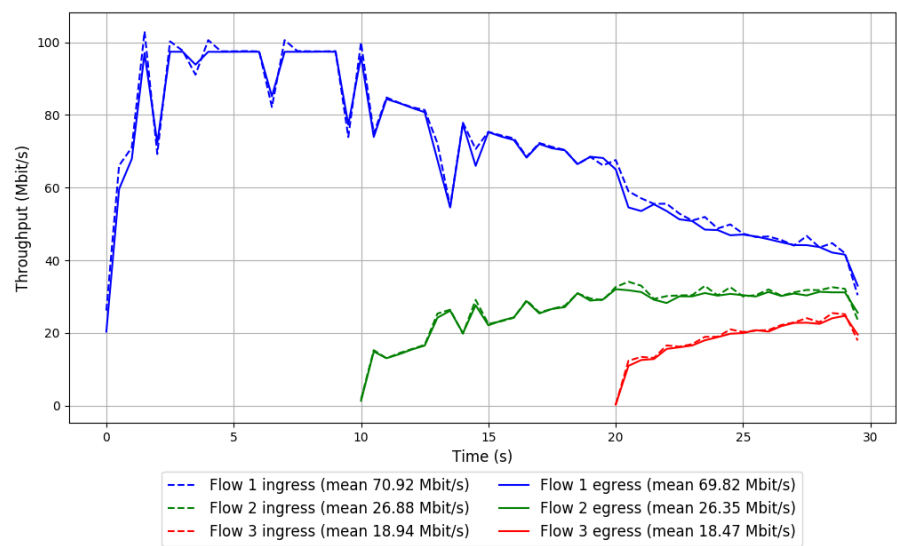


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-13 18:31:15
End at: 2018-02-13 18:31:45
Local clock offset: 1.047 ms
Remote clock offset: -9.399 ms

Below is generated by plot.py at 2018-02-13 21:34:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 34.489 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 69.82 Mbit/s
95th percentile per-packet one-way delay: 34.537 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 34.331 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 18.47 Mbit/s
95th percentile per-packet one-way delay: 34.412 ms
Loss rate: 2.52%

Run 4: Report of QUIC Cubic — Data Link

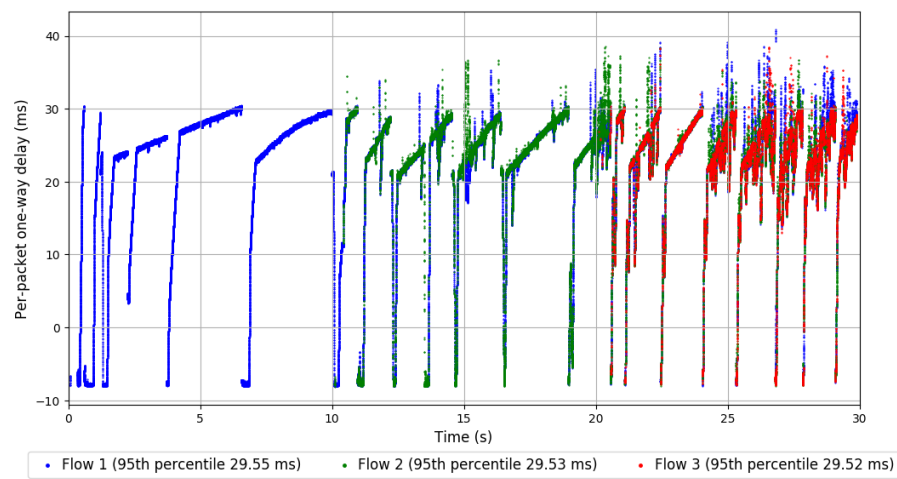
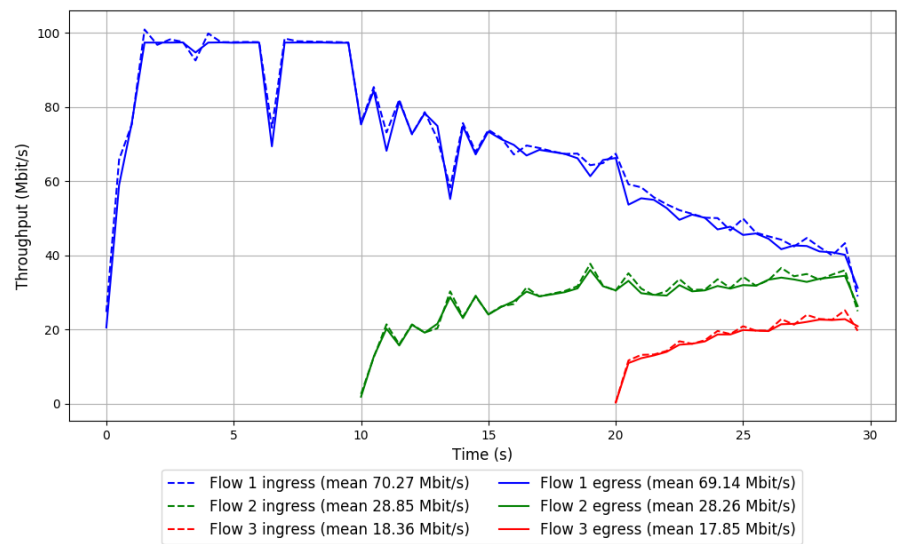


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-13 18:53:21
End at: 2018-02-13 18:53:51
Local clock offset: 5.621 ms
Remote clock offset: -6.129 ms

Below is generated by plot.py at 2018-02-13 21:34:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 29.547 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 69.14 Mbit/s
95th percentile per-packet one-way delay: 29.550 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 28.26 Mbit/s
95th percentile per-packet one-way delay: 29.533 ms
Loss rate: 2.01%
-- Flow 3:
Average throughput: 17.85 Mbit/s
95th percentile per-packet one-way delay: 29.522 ms
Loss rate: 2.80%

Run 5: Report of QUIC Cubic — Data Link

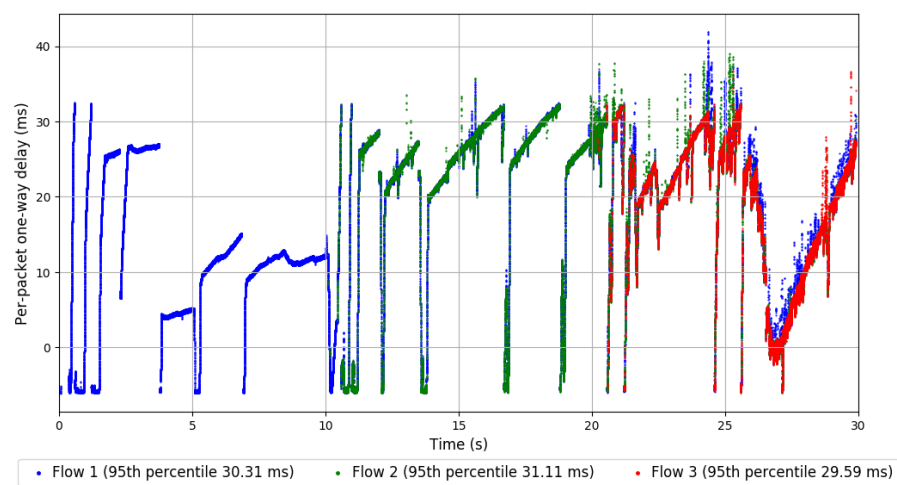
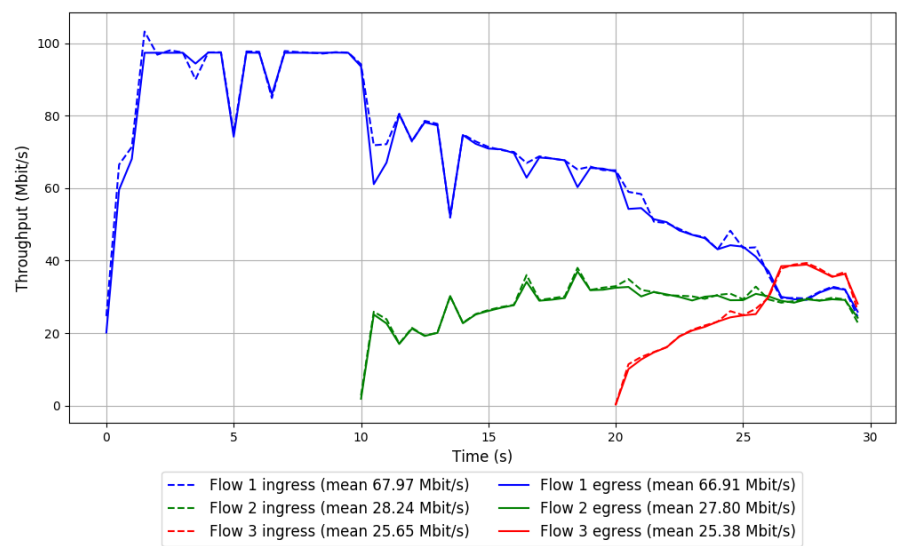


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-13 19:16:09
End at: 2018-02-13 19:16:39
Local clock offset: 4.138 ms
Remote clock offset: -1.645 ms

Below is generated by plot.py at 2018-02-13 21:34:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 30.499 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 66.91 Mbit/s
95th percentile per-packet one-way delay: 30.310 ms
Loss rate: 1.45%
-- Flow 2:
Average throughput: 27.80 Mbit/s
95th percentile per-packet one-way delay: 31.114 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 25.38 Mbit/s
95th percentile per-packet one-way delay: 29.585 ms
Loss rate: 1.00%

Run 6: Report of QUIC Cubic — Data Link

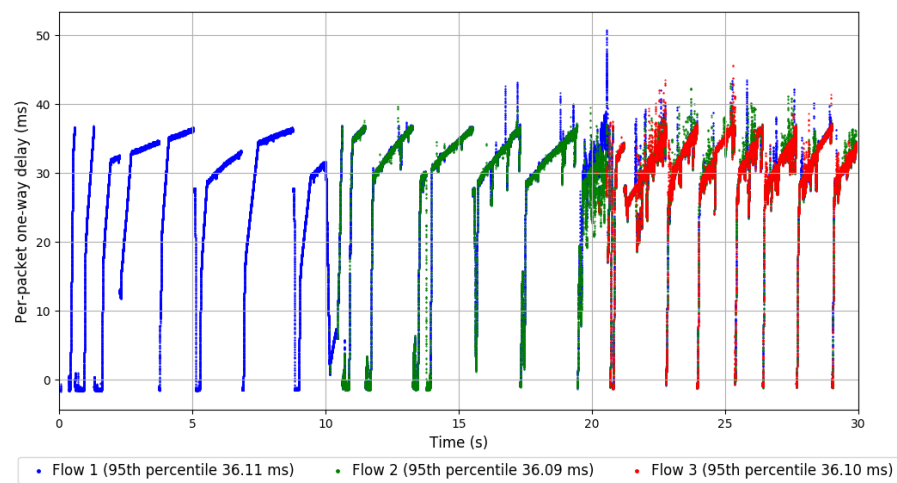
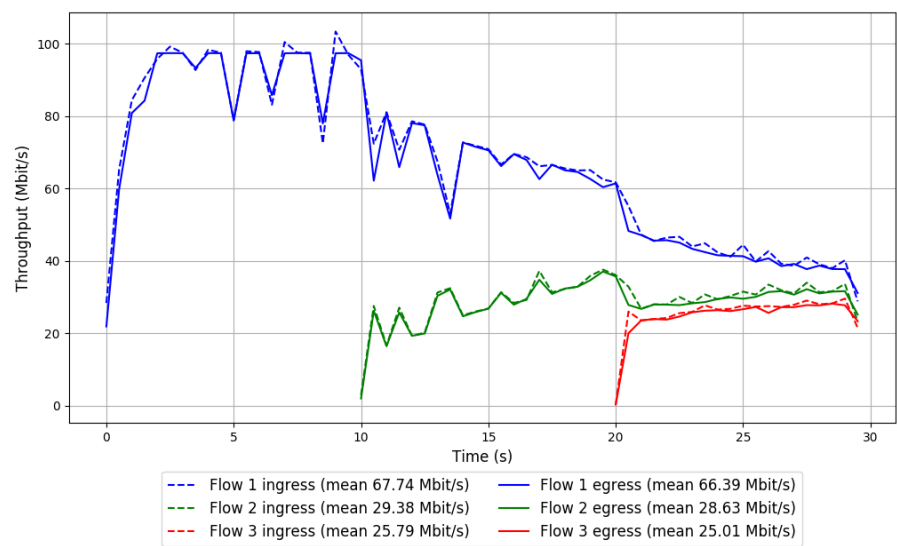


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-13 19:38:38
End at: 2018-02-13 19:39:08
Local clock offset: 0.001 ms
Remote clock offset: -17.053 ms

Below is generated by plot.py at 2018-02-13 21:34:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 36.110 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 66.39 Mbit/s
95th percentile per-packet one-way delay: 36.114 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 28.63 Mbit/s
95th percentile per-packet one-way delay: 36.090 ms
Loss rate: 2.45%
-- Flow 3:
Average throughput: 25.01 Mbit/s
95th percentile per-packet one-way delay: 36.104 ms
Loss rate: 2.99%

Run 7: Report of QUIC Cubic — Data Link

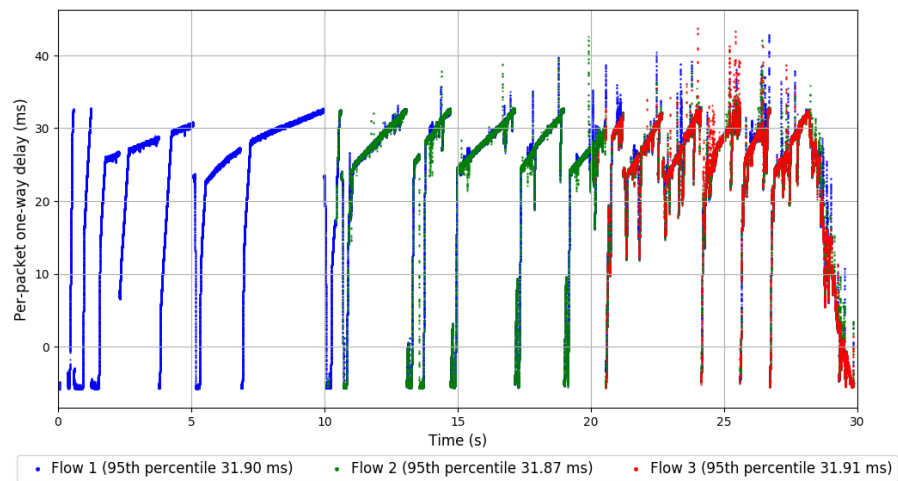
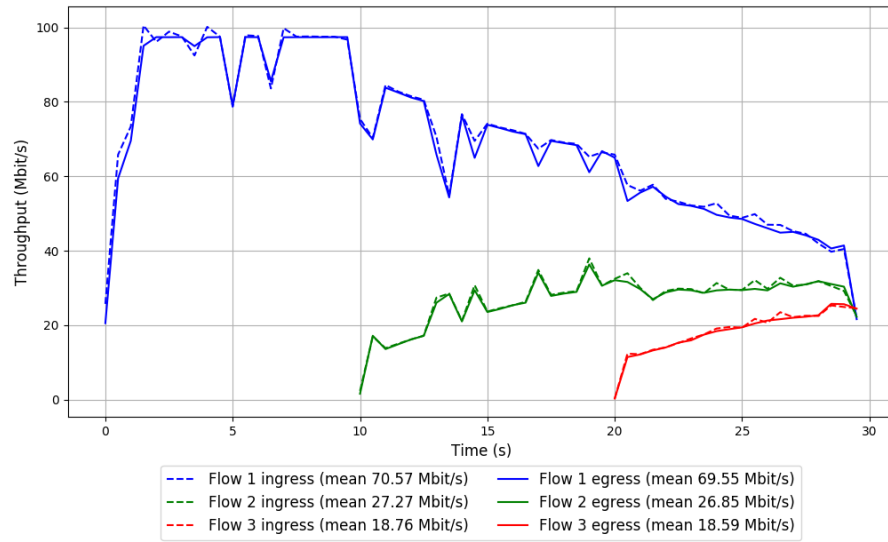


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-13 20:01:15
End at: 2018-02-13 20:01:45
Local clock offset: 4.302 ms
Remote clock offset: -25.458 ms

Below is generated by plot.py at 2018-02-13 21:34:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 31.898 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 69.55 Mbit/s
95th percentile per-packet one-way delay: 31.901 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 26.85 Mbit/s
95th percentile per-packet one-way delay: 31.874 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 31.910 ms
Loss rate: 1.23%

Run 8: Report of QUIC Cubic — Data Link

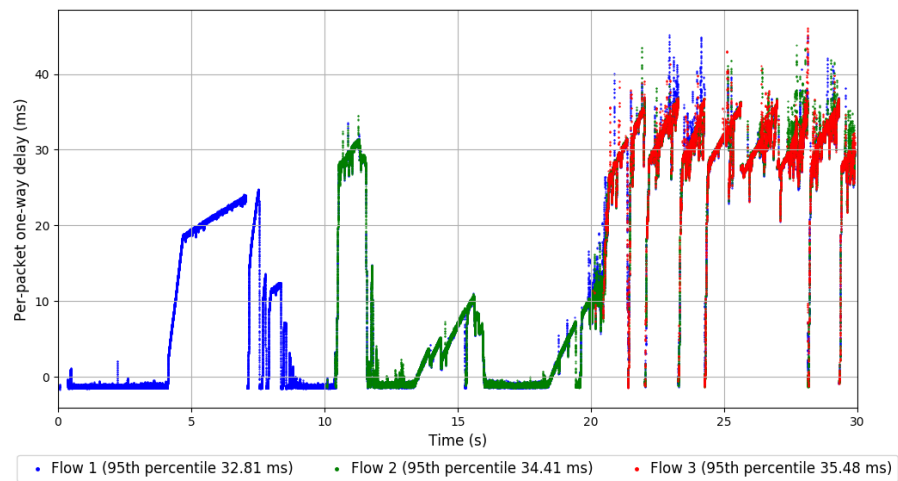
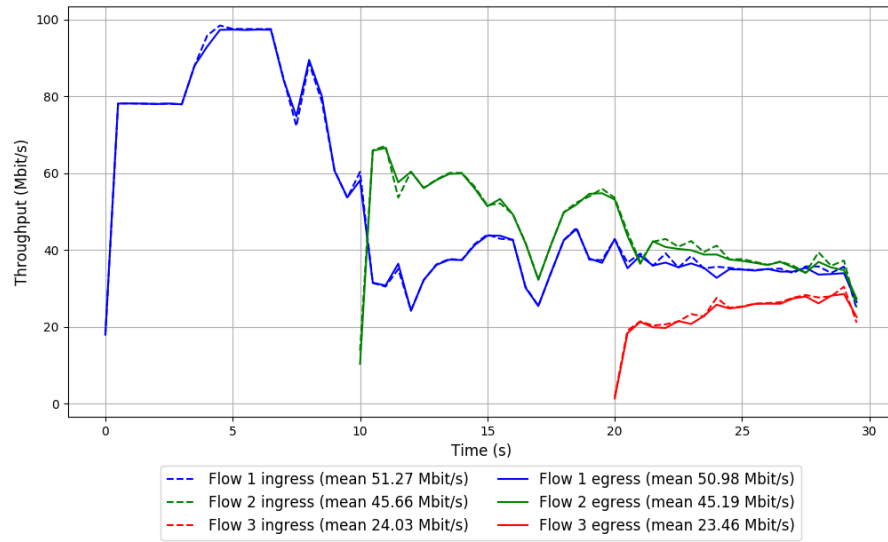


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-13 20:24:01
End at: 2018-02-13 20:24:31
Local clock offset: -0.425 ms
Remote clock offset: -30.056 ms

Below is generated by plot.py at 2018-02-13 21:35:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.70 Mbit/s
95th percentile per-packet one-way delay: 34.037 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 50.98 Mbit/s
95th percentile per-packet one-way delay: 32.807 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 45.19 Mbit/s
95th percentile per-packet one-way delay: 34.414 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 35.482 ms
Loss rate: 2.14%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-13 20:47:11

End at: 2018-02-13 20:47:41

Local clock offset: 1.39 ms

Remote clock offset: -25.794 ms

Below is generated by plot.py at 2018-02-13 21:35:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.89 Mbit/s

95th percentile per-packet one-way delay: 32.175 ms

Loss rate: 2.15%

-- Flow 1:

Average throughput: 59.95 Mbit/s

95th percentile per-packet one-way delay: 32.174 ms

Loss rate: 1.79%

-- Flow 2:

Average throughput: 43.97 Mbit/s

95th percentile per-packet one-way delay: 32.166 ms

Loss rate: 2.77%

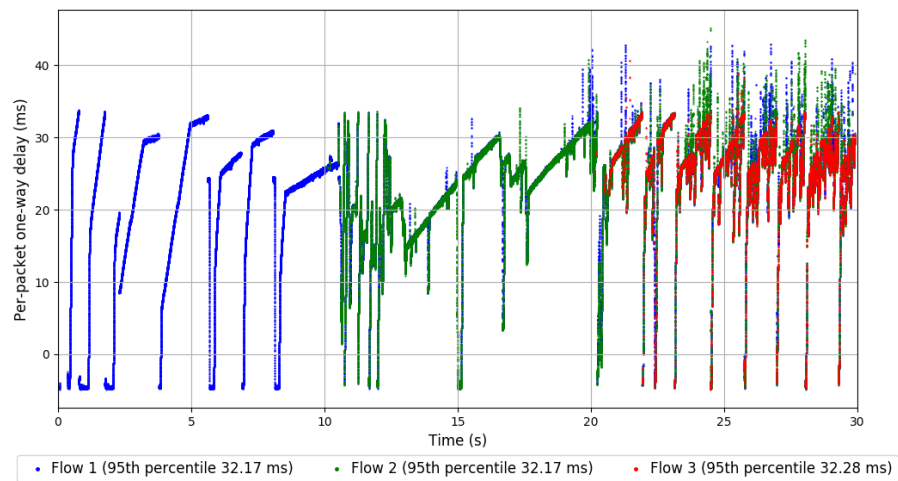
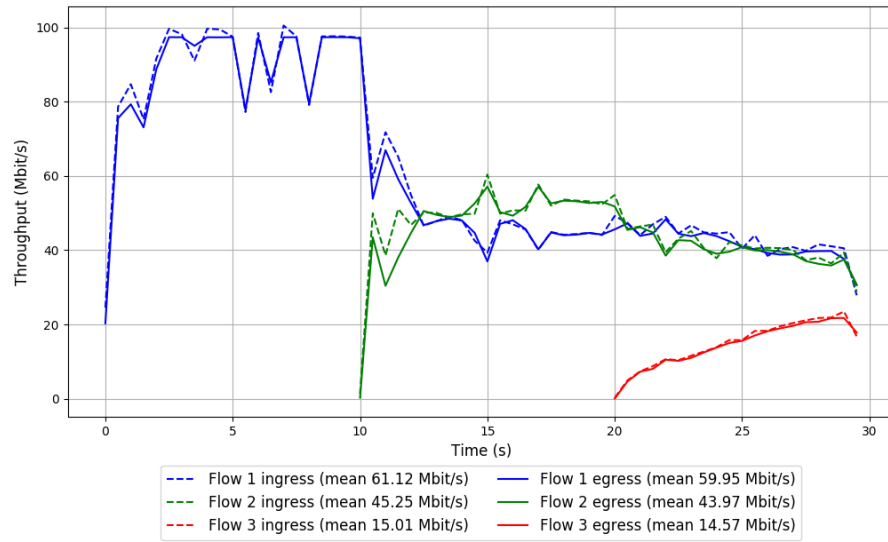
-- Flow 3:

Average throughput: 14.57 Mbit/s

95th percentile per-packet one-way delay: 32.279 ms

Loss rate: 2.93%

Run 10: Report of QUIC Cubic — Data Link

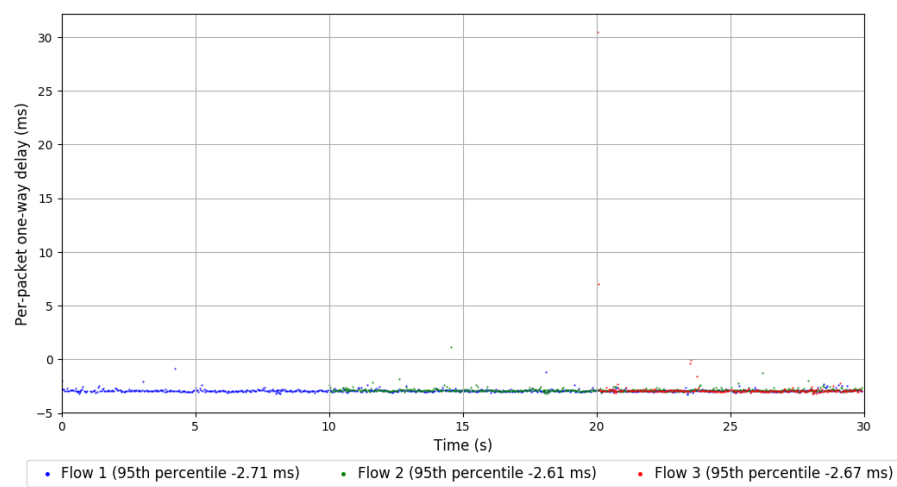
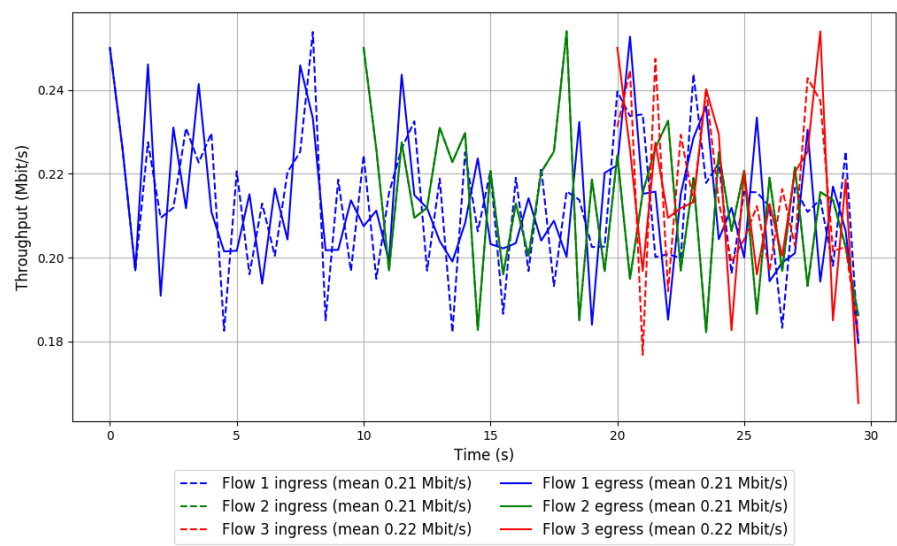


```
Run 1: Statistics of SReAM

Start at: 2018-02-13 17:18:39
End at: 2018-02-13 17:19:09
Local clock offset: -0.369 ms
Remote clock offset: -19.835 ms

# Below is generated by plot.py at 2018-02-13 21:35:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -2.652 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -2.715 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -2.608 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -2.669 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

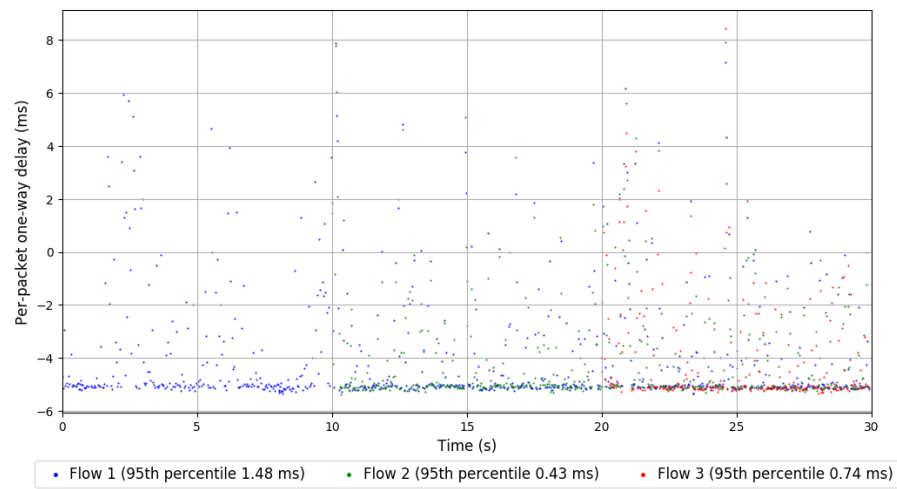
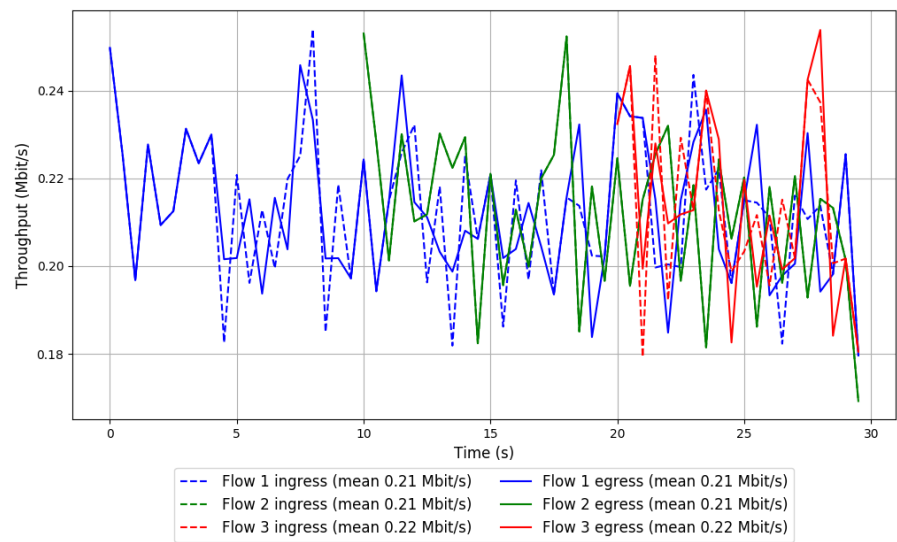


Run 2: Statistics of SReAM

Start at: 2018-02-13 17:40:55
End at: 2018-02-13 17:41:25
Local clock offset: 0.718 ms
Remote clock offset: -20.7 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 0.960 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 1.479 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 0.429 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.743 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

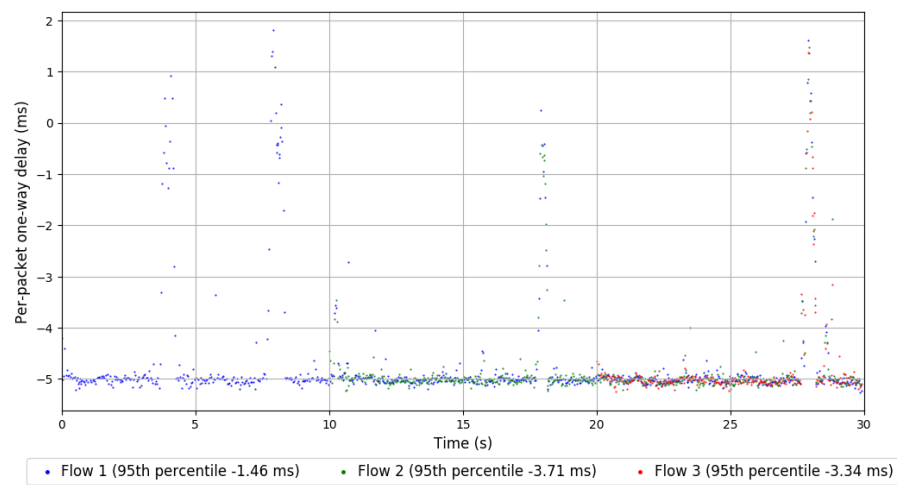
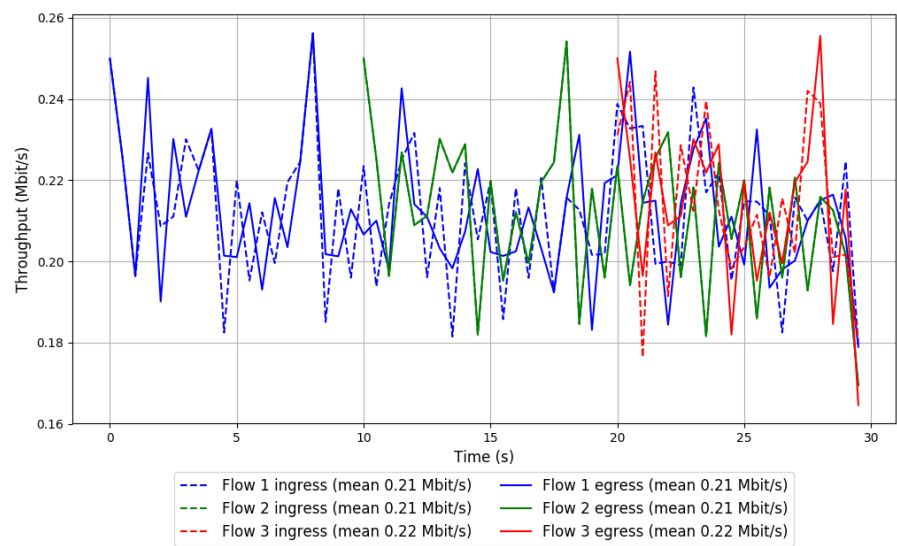


Run 3: Statistics of SReAM

Start at: 2018-02-13 18:02:41
End at: 2018-02-13 18:03:11
Local clock offset: 1.615 ms
Remote clock offset: -19.625 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -2.699 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -1.458 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.714 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -3.344 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

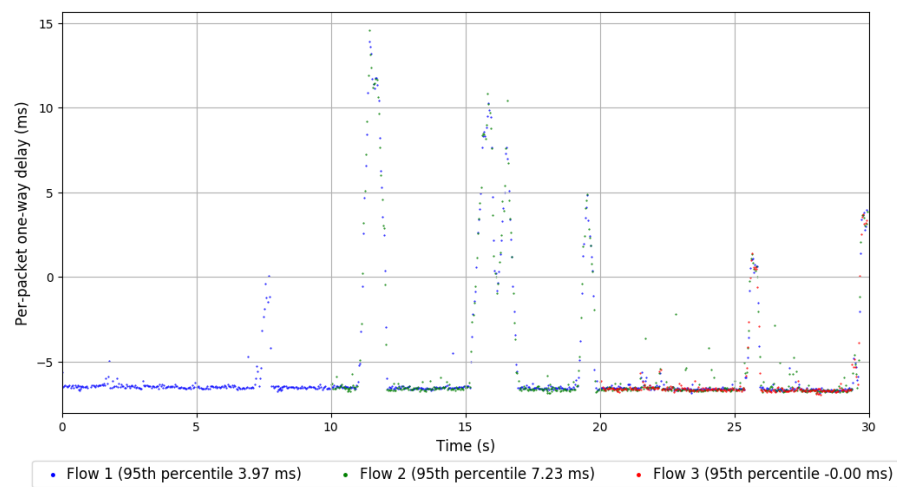
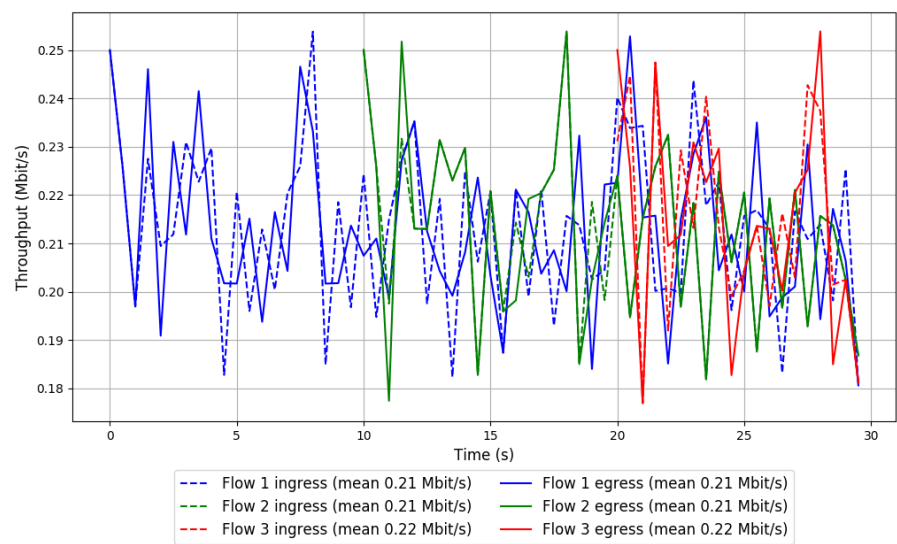


Run 4: Statistics of SReAM

Start at: 2018-02-13 18:25:10
End at: 2018-02-13 18:25:40
Local clock offset: 2.236 ms
Remote clock offset: -13.626 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.973 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3.973 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.233 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -0.003 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

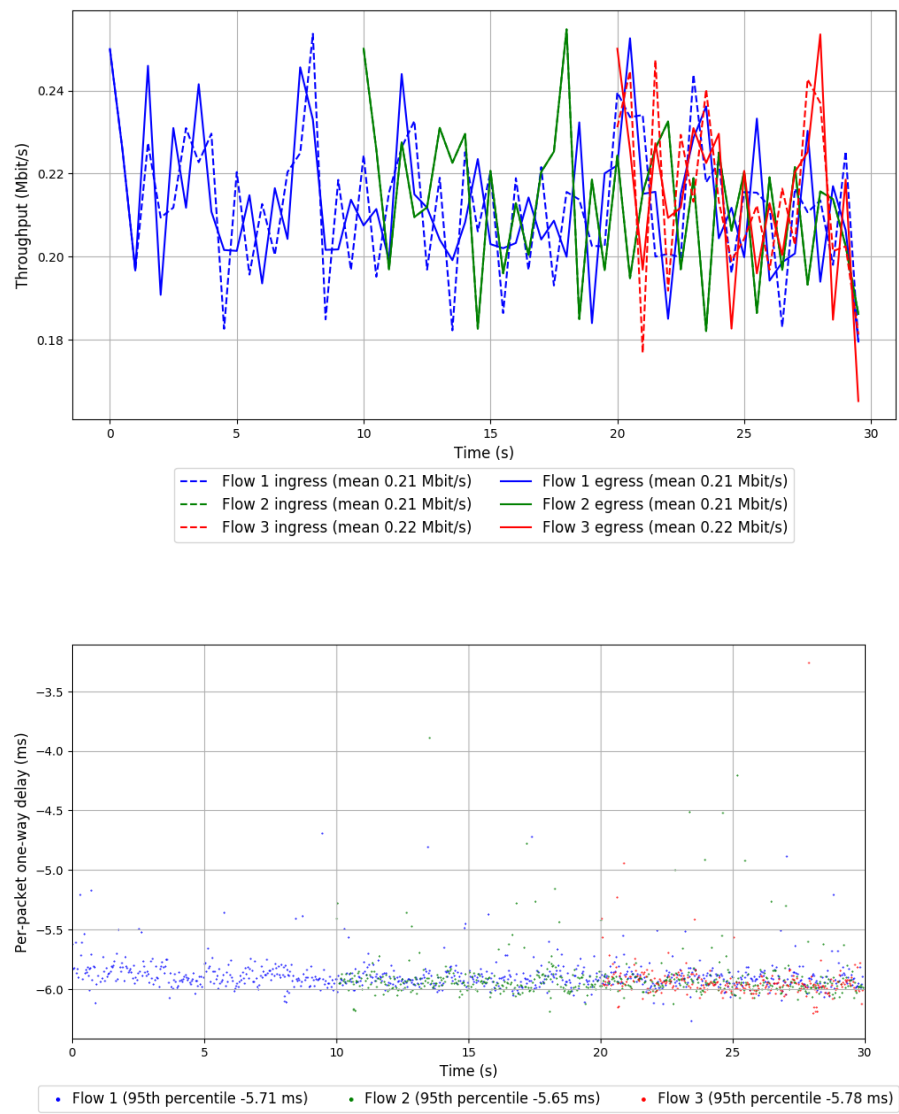


Run 5: Statistics of SReAM

Start at: 2018-02-13 18:47:13
End at: 2018-02-13 18:47:43
Local clock offset: 4.12 ms
Remote clock offset: -6.635 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -5.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.712 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.647 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -5.782 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

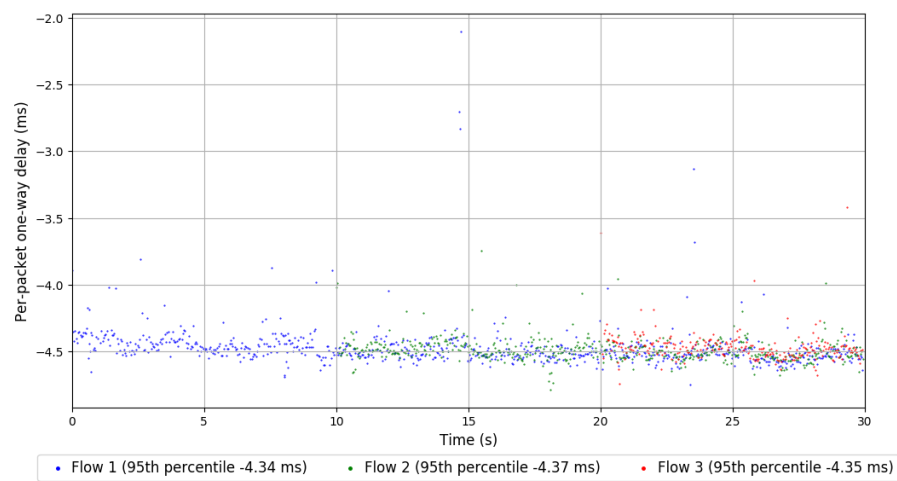
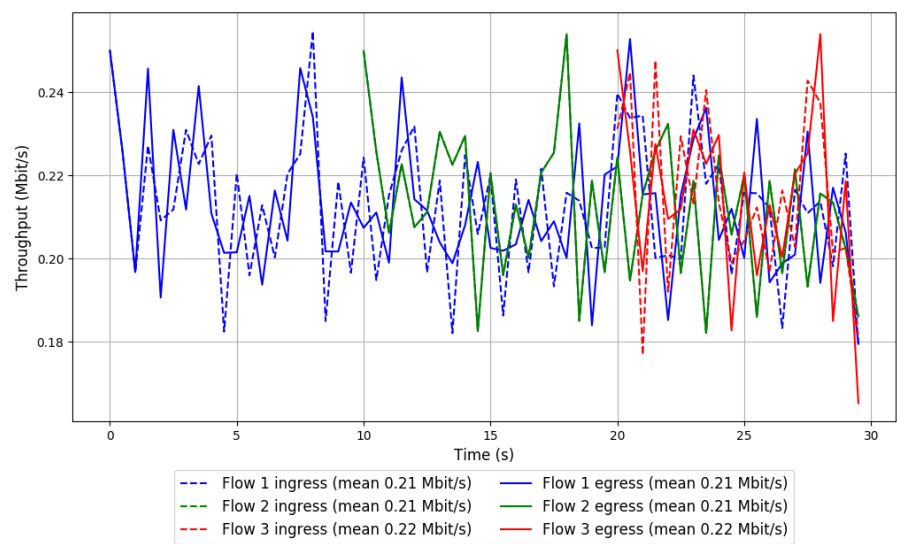


Run 6: Statistics of SReAM

Start at: 2018-02-13 19:10:03
End at: 2018-02-13 19:10:33
Local clock offset: 2.798 ms
Remote clock offset: -2.292 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -4.346 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.337 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.367 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -4.352 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

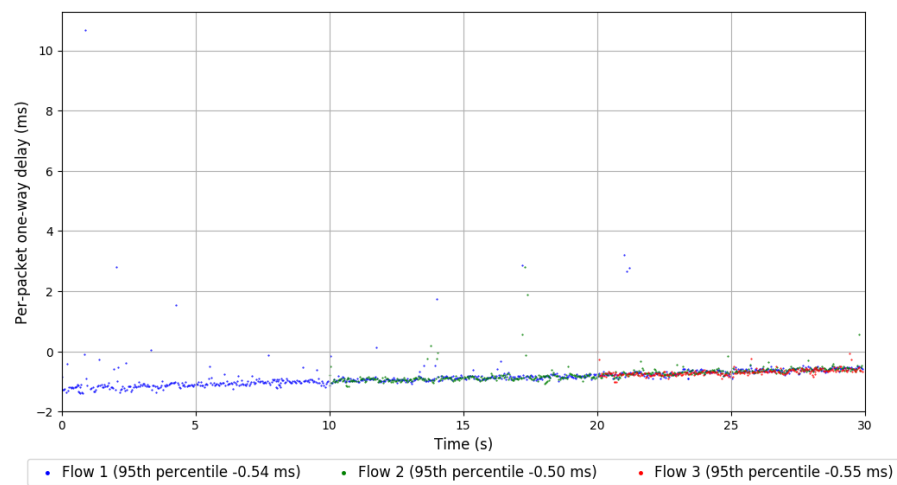
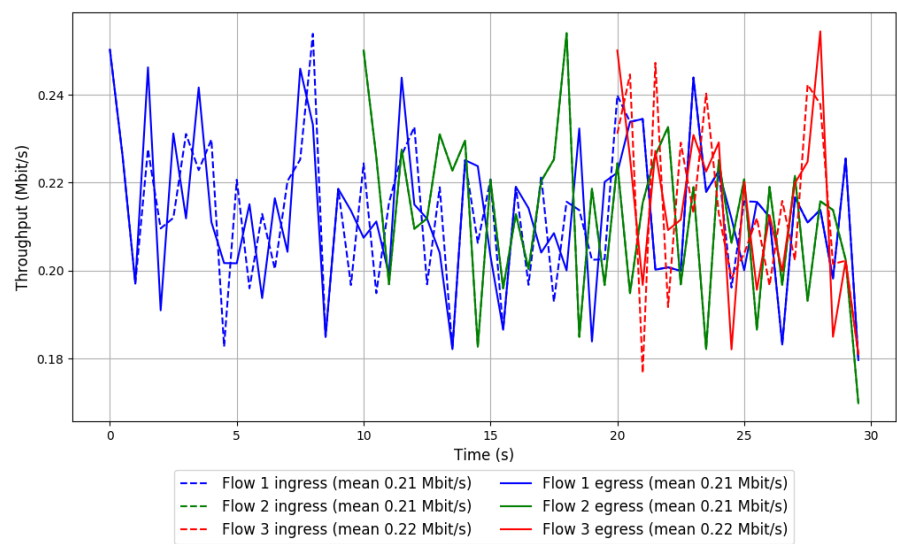


Run 7: Statistics of SReAM

Start at: 2018-02-13 19:32:33
End at: 2018-02-13 19:33:03
Local clock offset: -2.644 ms
Remote clock offset: -13.465 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -0.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -0.535 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -0.504 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -0.547 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

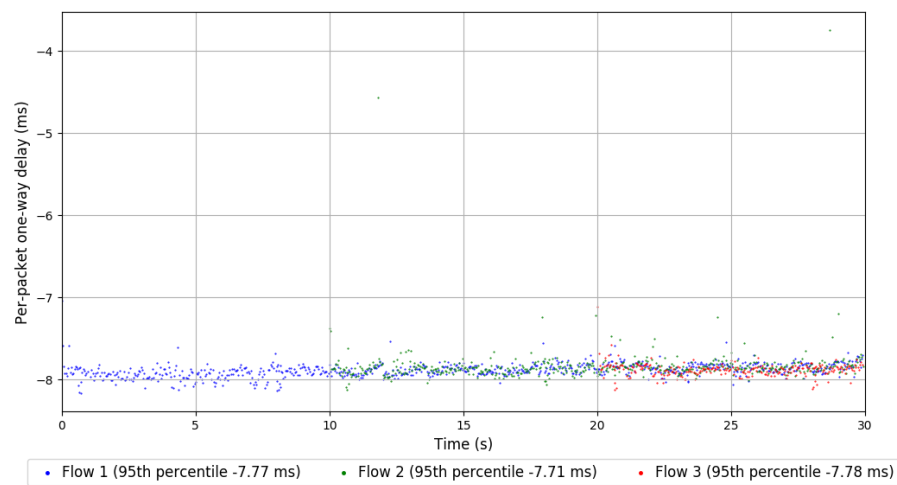
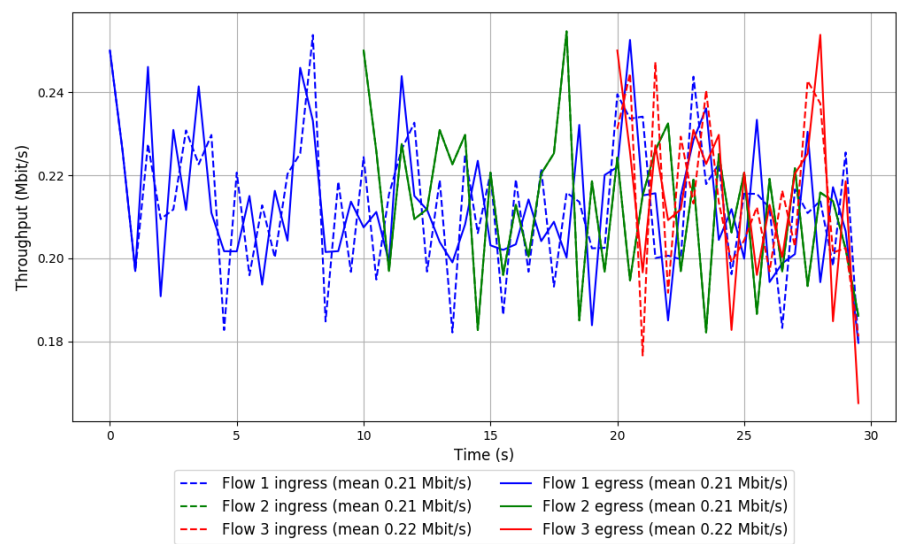


Run 8: Statistics of SReAM

Start at: 2018-02-13 19:55:09
End at: 2018-02-13 19:55:39
Local clock offset: 5.3 ms
Remote clock offset: -25.45 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.750 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.773 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.707 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.783 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

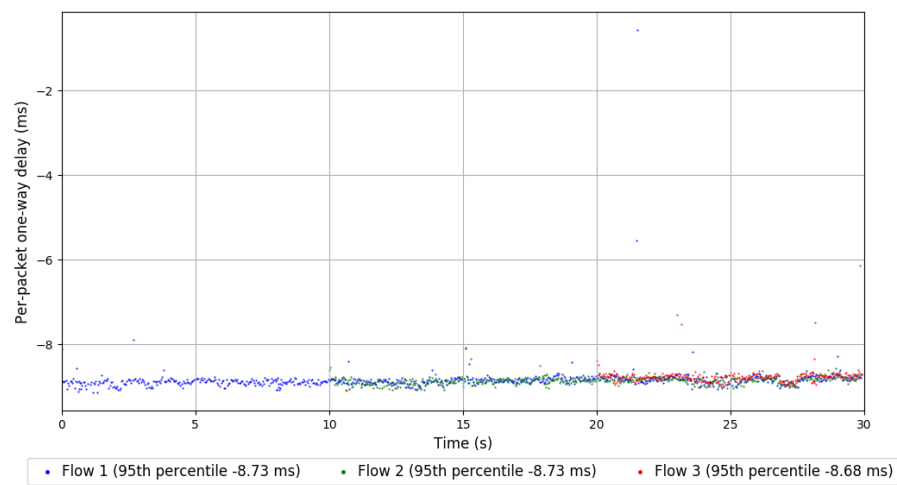
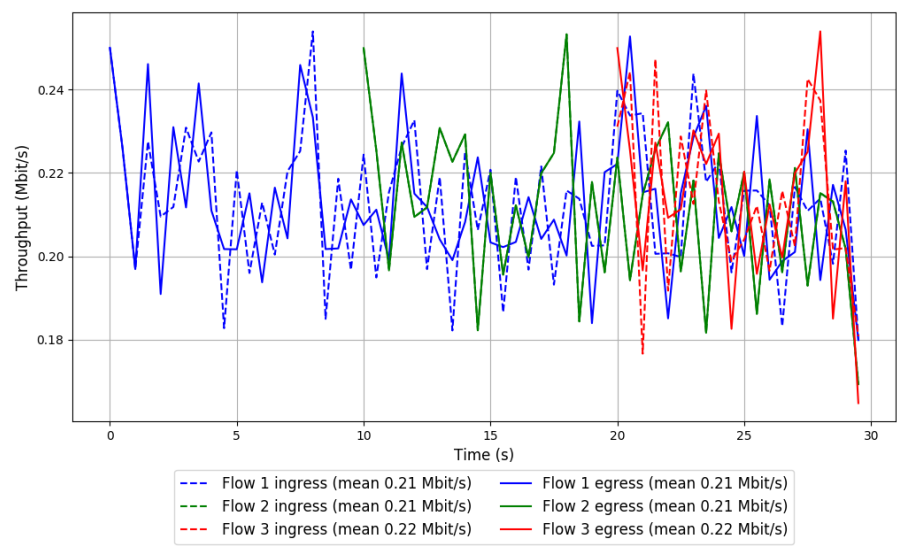


Run 9: Statistics of SReAM

Start at: 2018-02-13 20:17:53
End at: 2018-02-13 20:18:23
Local clock offset: 3.833 ms
Remote clock offset: -32.08 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -8.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.735 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.733 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -8.677 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

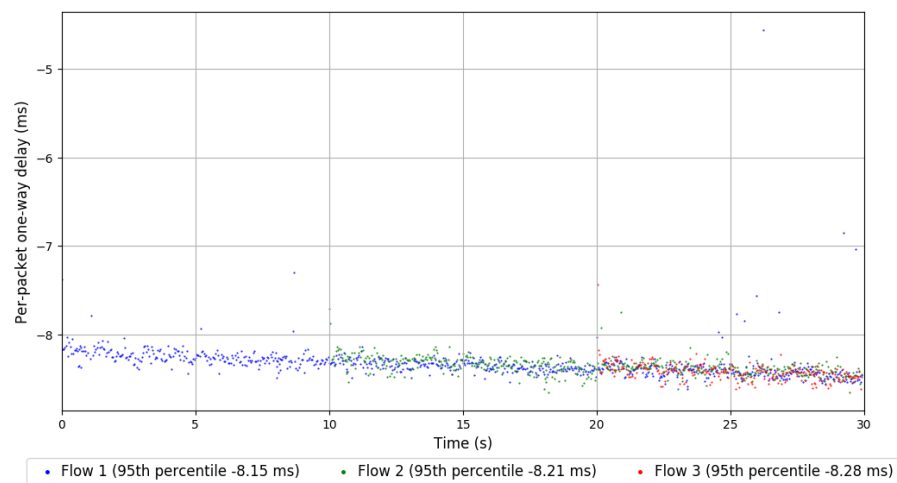
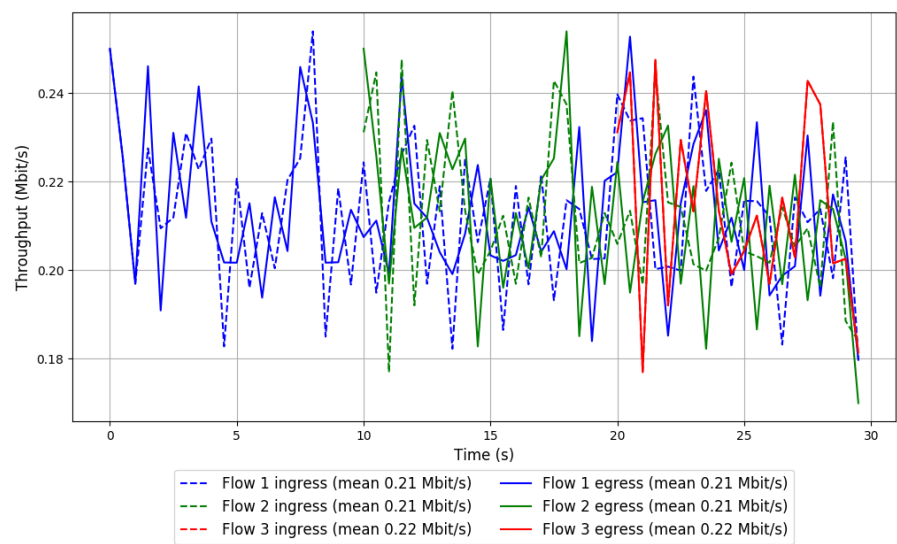


Run 10: Statistics of SReAM

Start at: 2018-02-13 20:41:10
End at: 2018-02-13 20:41:40
Local clock offset: 3.469 ms
Remote clock offset: -29.155 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -8.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.150 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.213 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -8.276 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

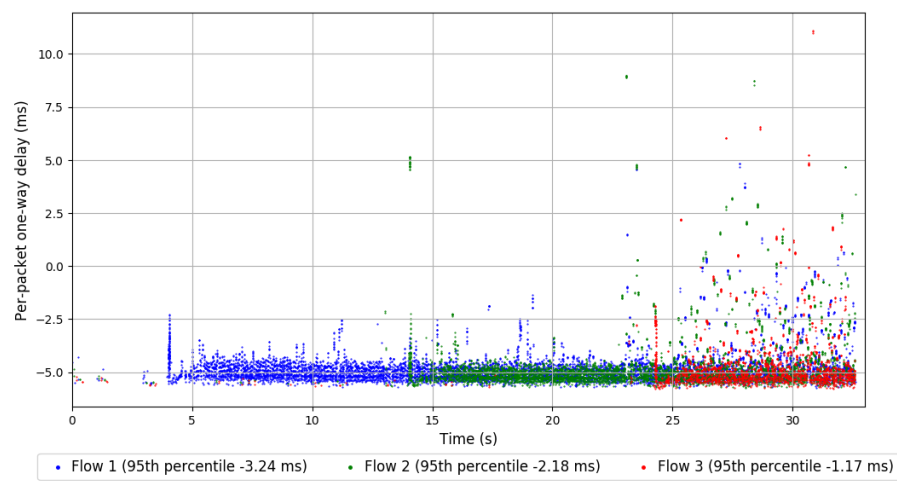
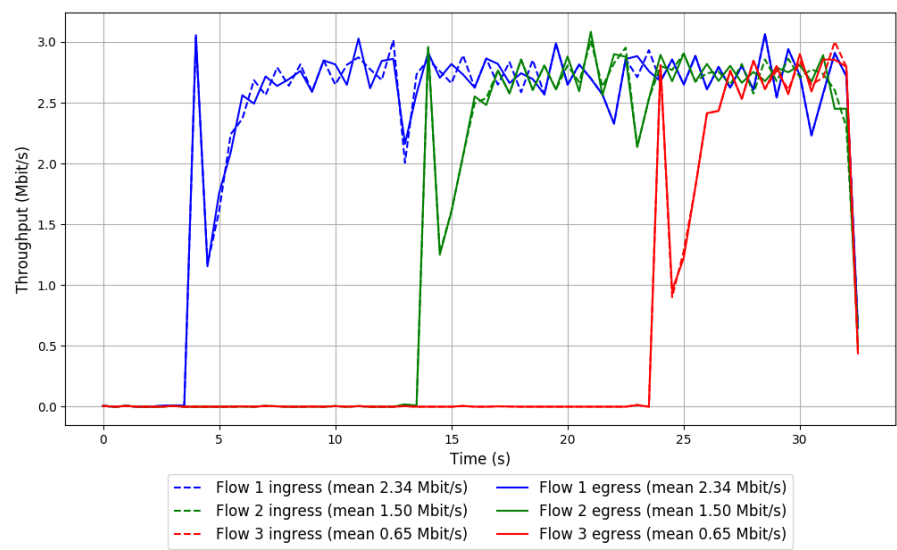


Run 1: Statistics of WebRTC media

Start at: 2018-02-13 17:12:35
End at: 2018-02-13 17:13:05
Local clock offset: 1.187 ms
Remote clock offset: -21.609 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: -2.556 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -3.236 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -2.176 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -1.166 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

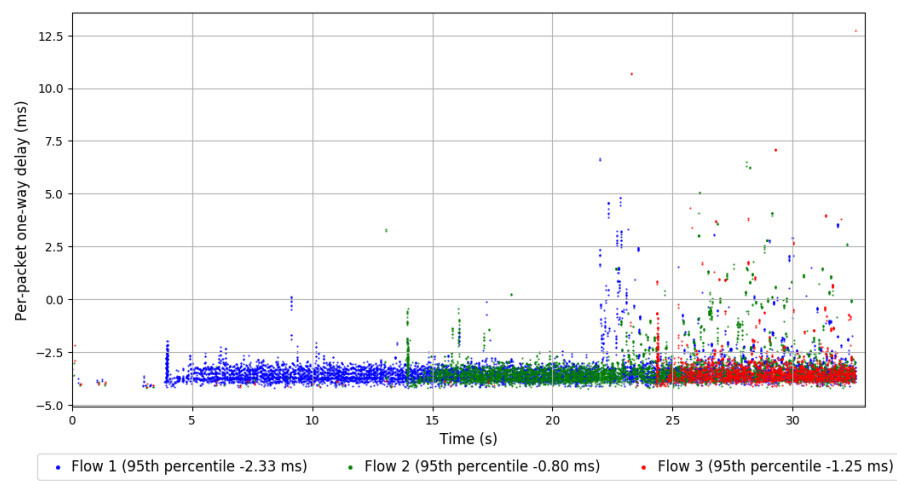
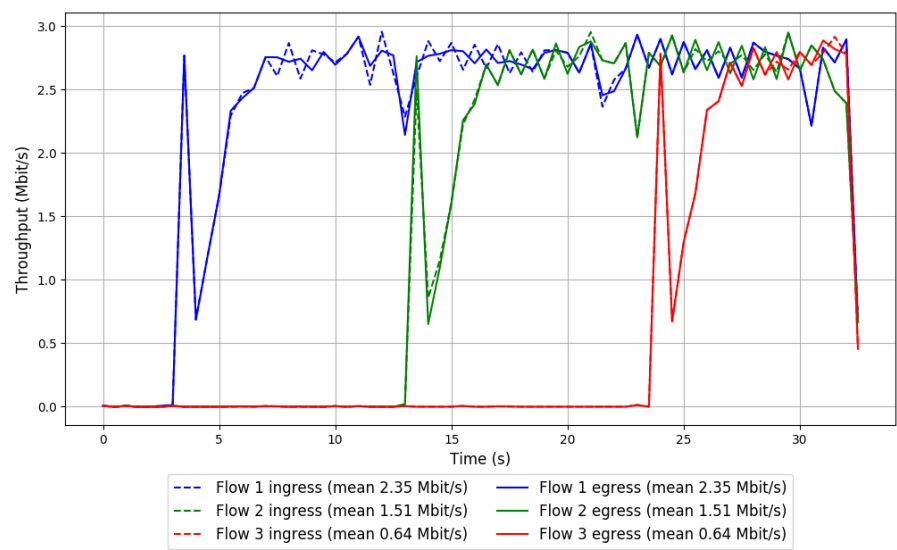


Run 2: Statistics of WebRTC media

Start at: 2018-02-13 17:35:00
End at: 2018-02-13 17:35:30
Local clock offset: 0.299 ms
Remote clock offset: -19.773 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: -1.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -2.330 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -0.801 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -1.246 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

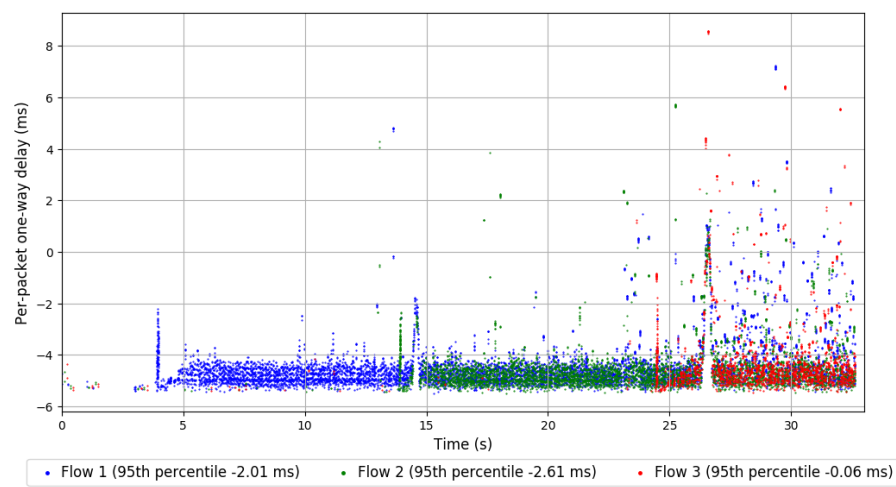
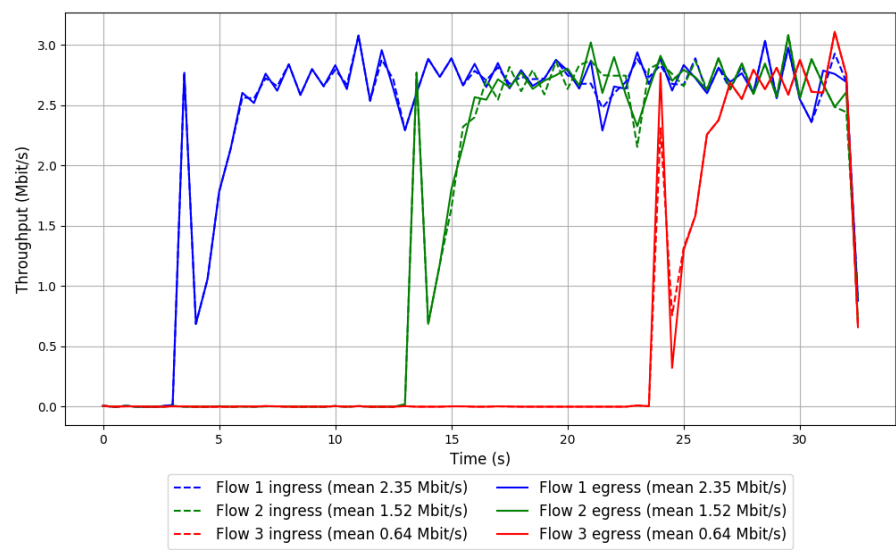


Run 3: Statistics of WebRTC media

Start at: 2018-02-13 17:56:49
End at: 2018-02-13 17:57:19
Local clock offset: 2.412 ms
Remote clock offset: -18.272 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: -1.724 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -2.008 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: -2.609 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -0.055 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

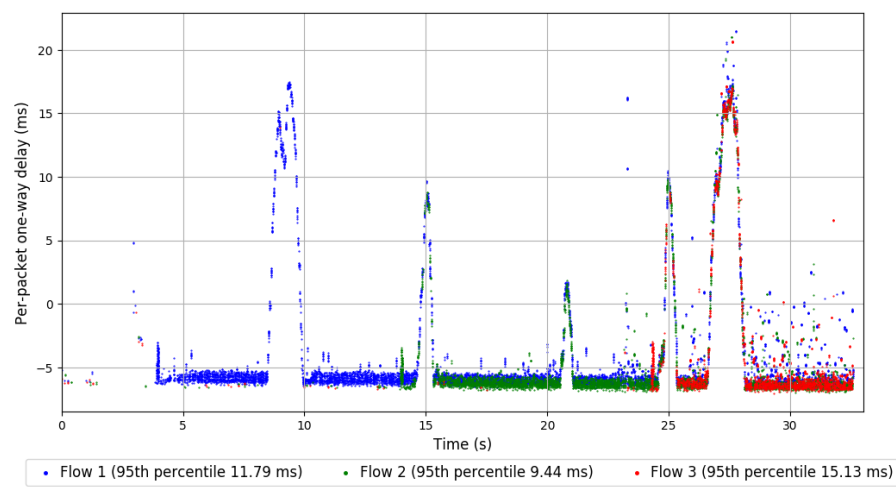
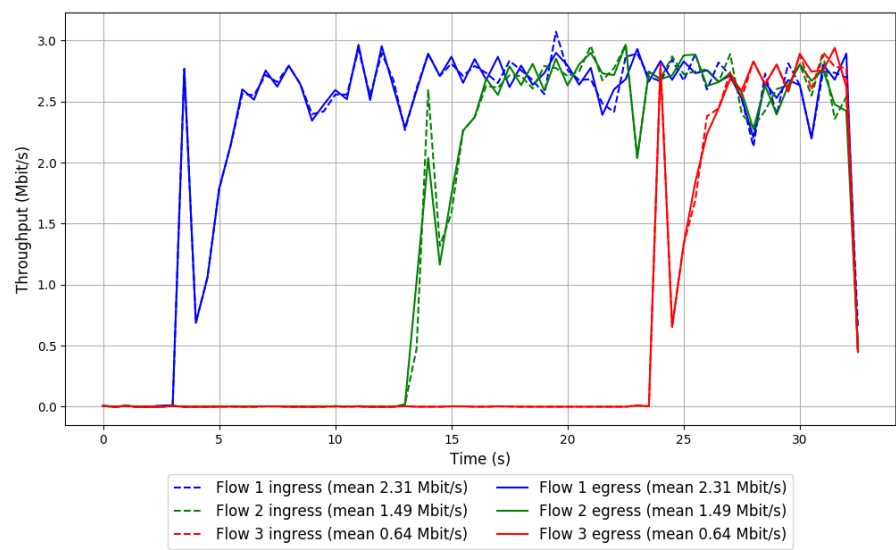


Run 4: Statistics of WebRTC media

Start at: 2018-02-13 18:19:03
End at: 2018-02-13 18:19:33
Local clock offset: 3.257 ms
Remote clock offset: -16.715 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 12.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 11.794 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 9.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 15.130 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

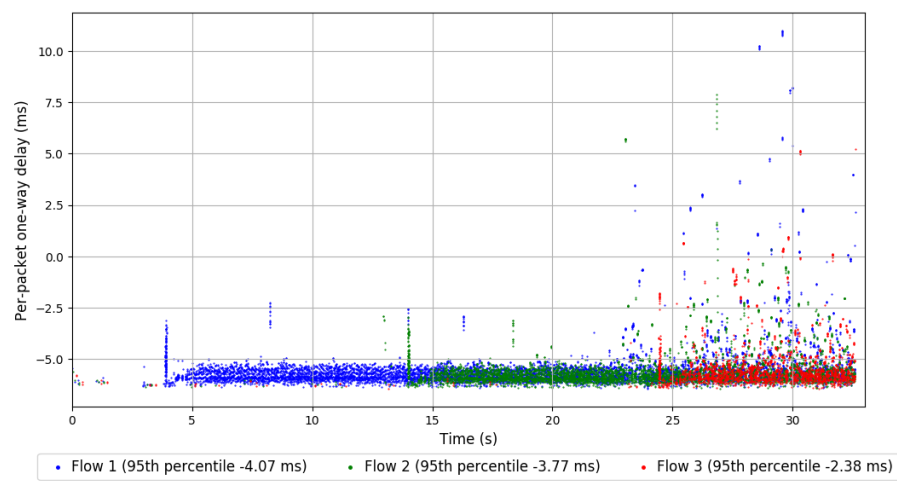
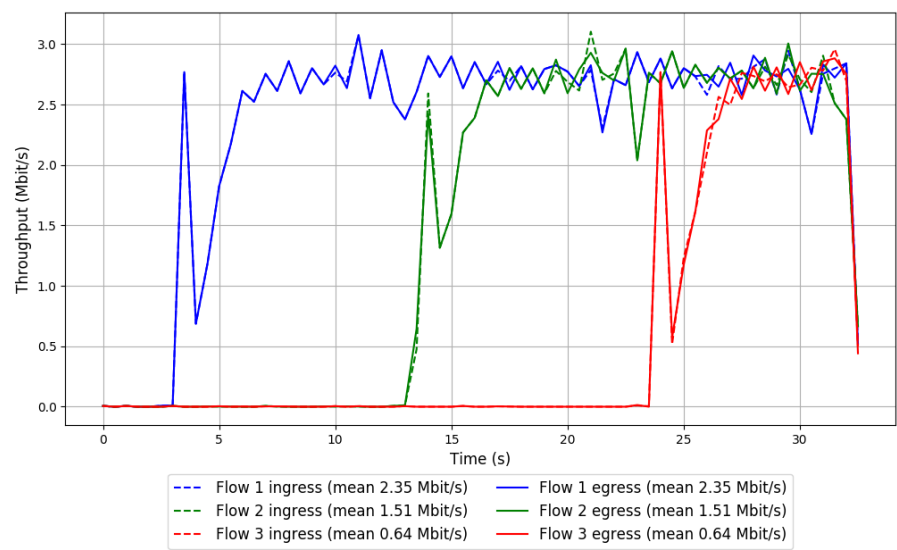


Run 5: Statistics of WebRTC media

Start at: 2018-02-13 18:41:15
End at: 2018-02-13 18:41:45
Local clock offset: 3.823 ms
Remote clock offset: -7.745 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: -3.735 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -4.070 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -3.765 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -2.382 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

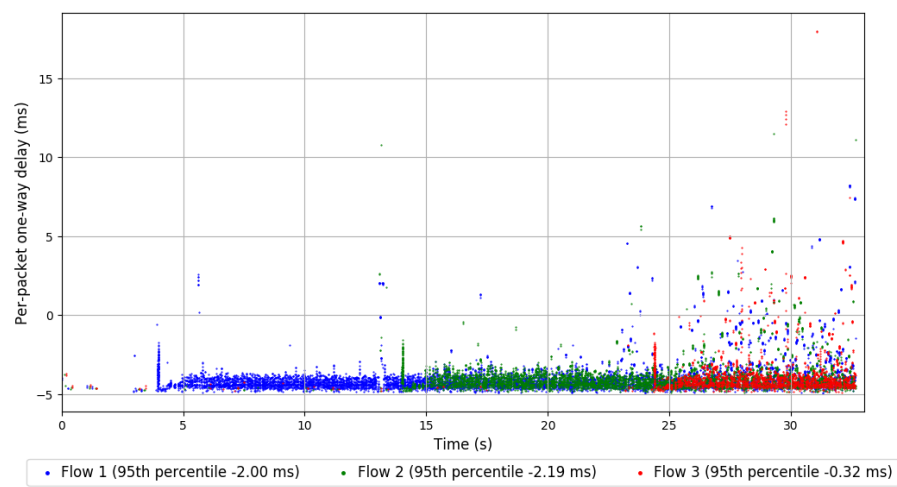
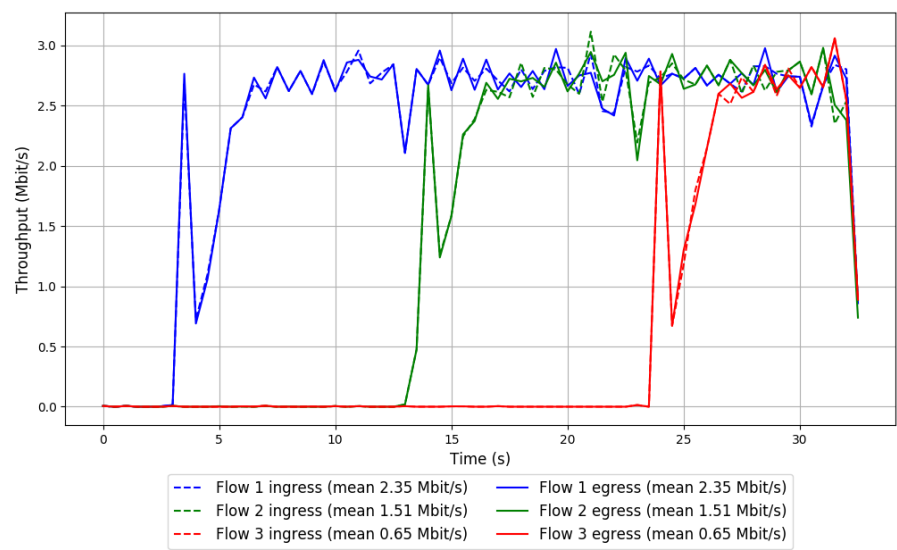


Run 6: Statistics of WebRTC media

Start at: 2018-02-13 19:03:47
End at: 2018-02-13 19:04:17
Local clock offset: 2.886 ms
Remote clock offset: -3.721 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: -1.783 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -1.997 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -2.192 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -0.319 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

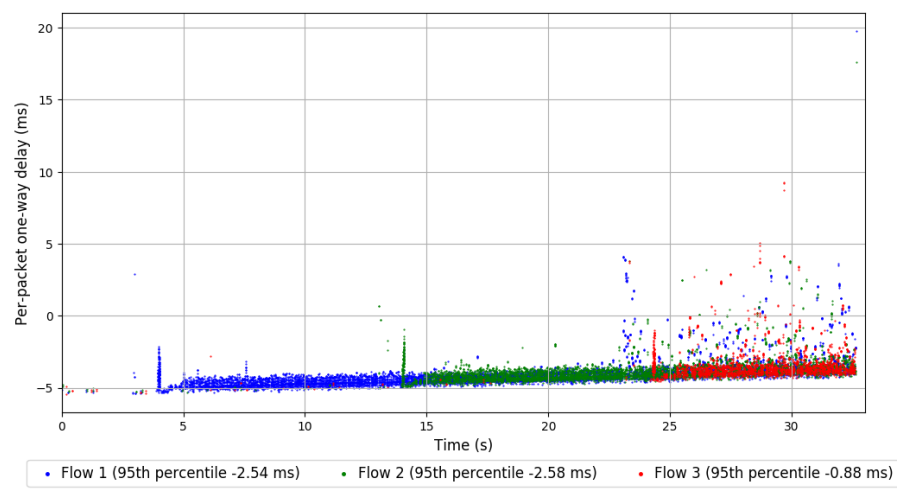
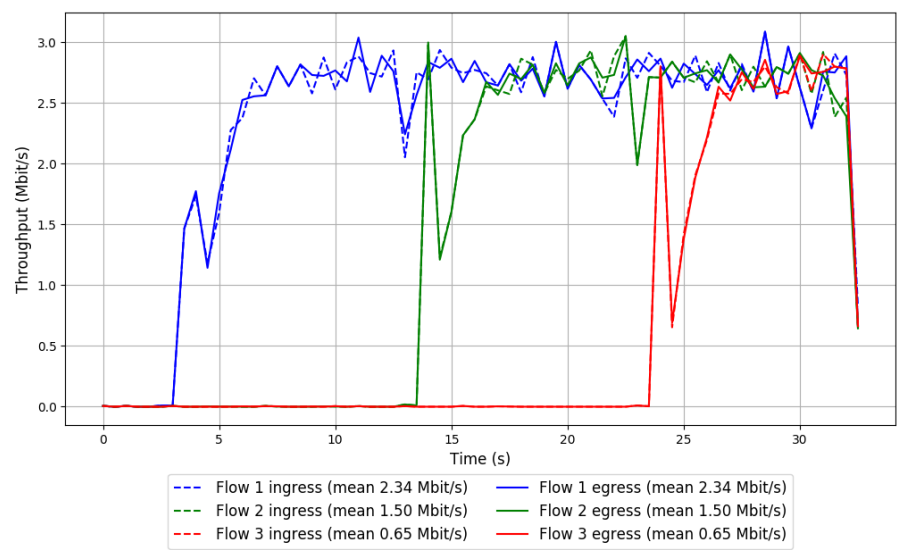


Run 7: Statistics of WebRTC media

Start at: 2018-02-13 19:26:26
End at: 2018-02-13 19:26:56
Local clock offset: 1.269 ms
Remote clock offset: -2.511 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: -2.168 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -2.542 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -2.582 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -0.877 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

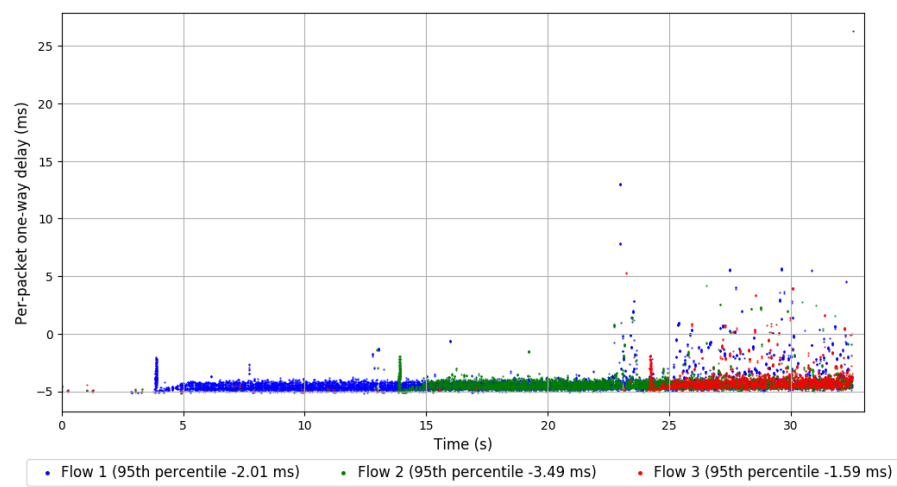
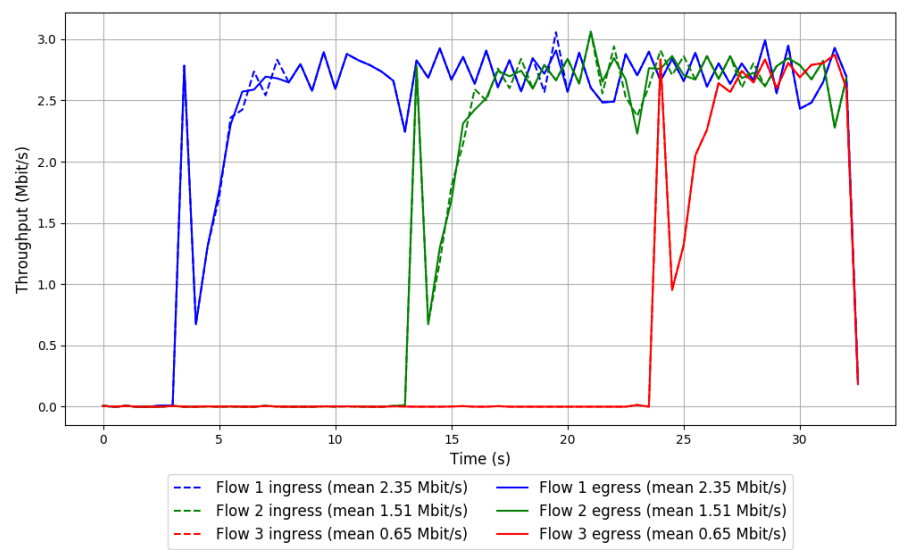


Run 8: Statistics of WebRTC media

Start at: 2018-02-13 19:49:07
End at: 2018-02-13 19:49:37
Local clock offset: 2.295 ms
Remote clock offset: -23.433 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -2.265 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -2.014 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -3.492 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -1.591 ms
Loss rate: 0.09%

Run 8: Report of WebRTC media — Data Link

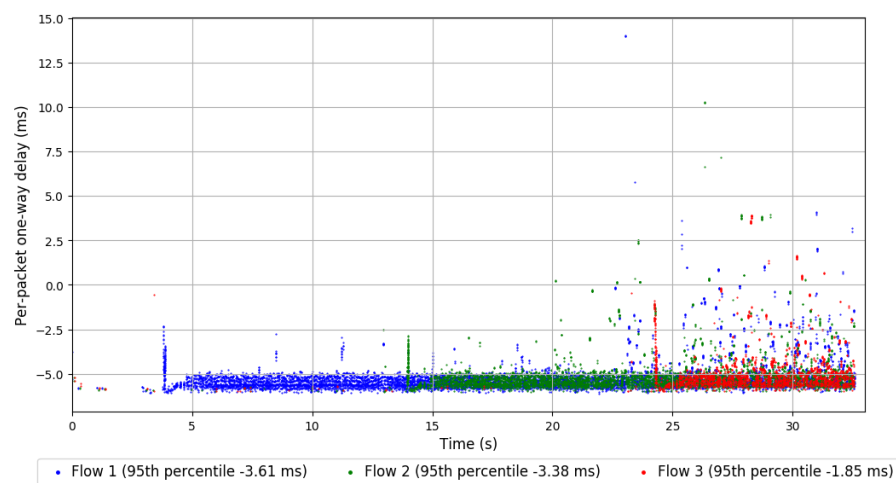
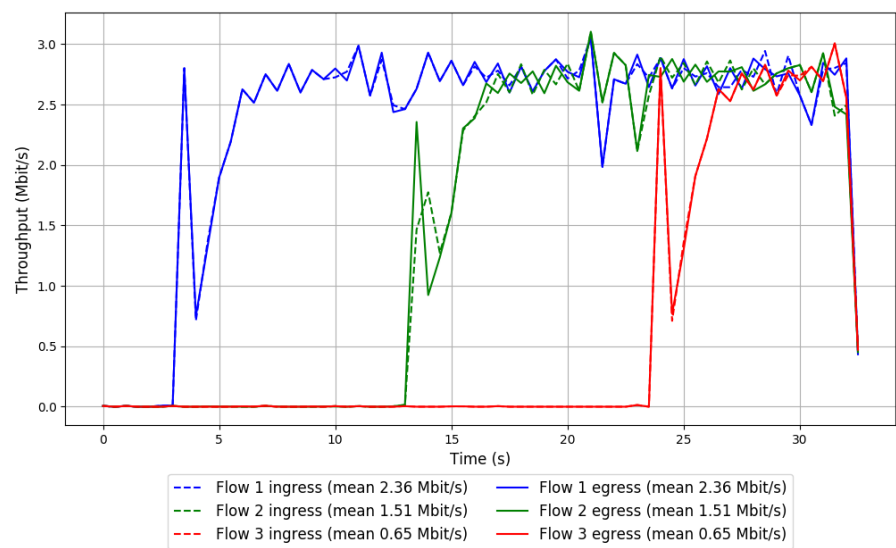


Run 9: Statistics of WebRTC media

Start at: 2018-02-13 20:11:39
End at: 2018-02-13 20:12:09
Local clock offset: 3.773 ms
Remote clock offset: -27.993 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -3.327 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: -3.612 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -3.378 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -1.851 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

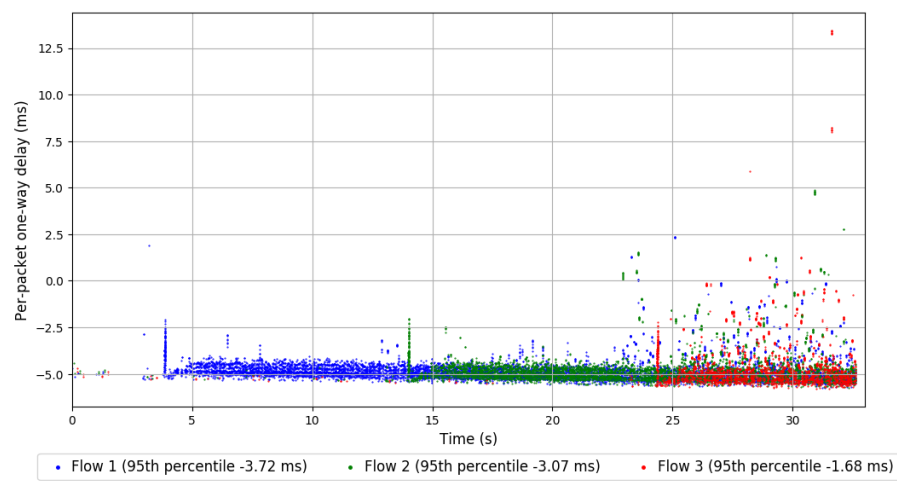
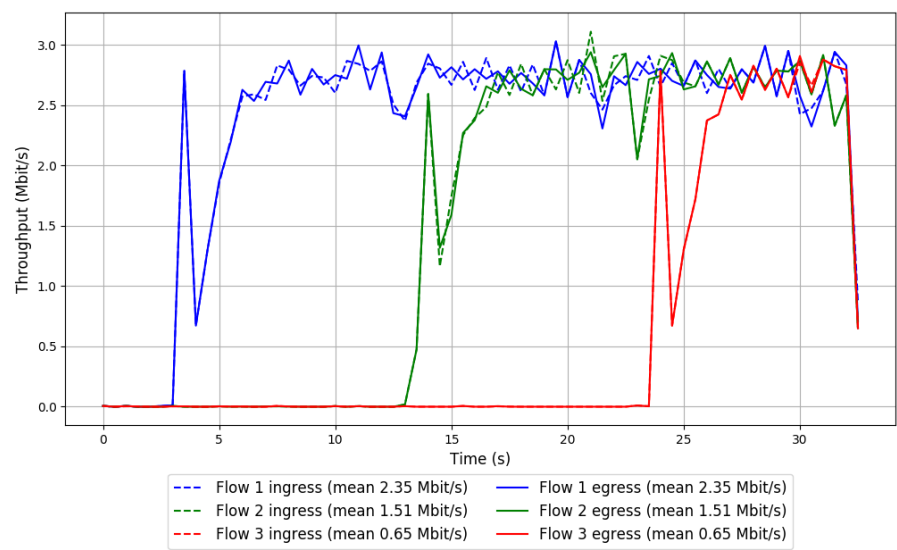


Run 10: Statistics of WebRTC media

Start at: 2018-02-13 20:35:01
End at: 2018-02-13 20:35:31
Local clock offset: 1.443 ms
Remote clock offset: -32.83 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -3.218 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -3.718 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -3.072 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -1.681 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

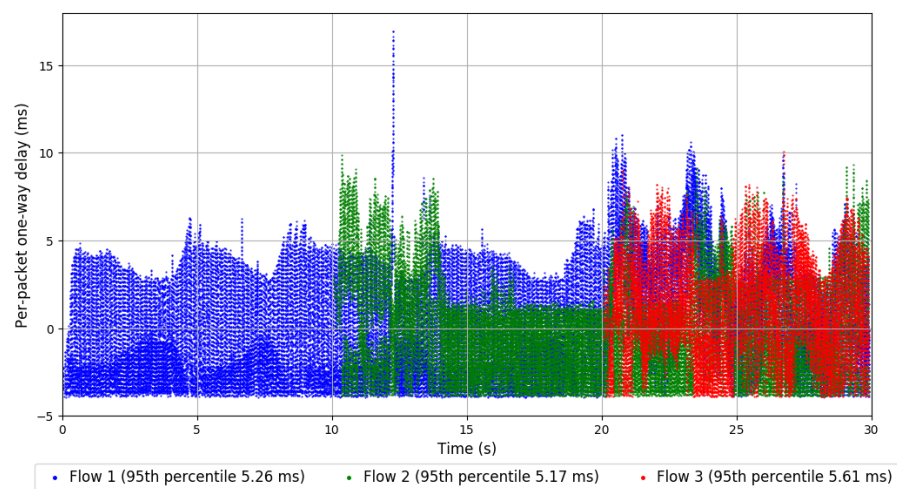
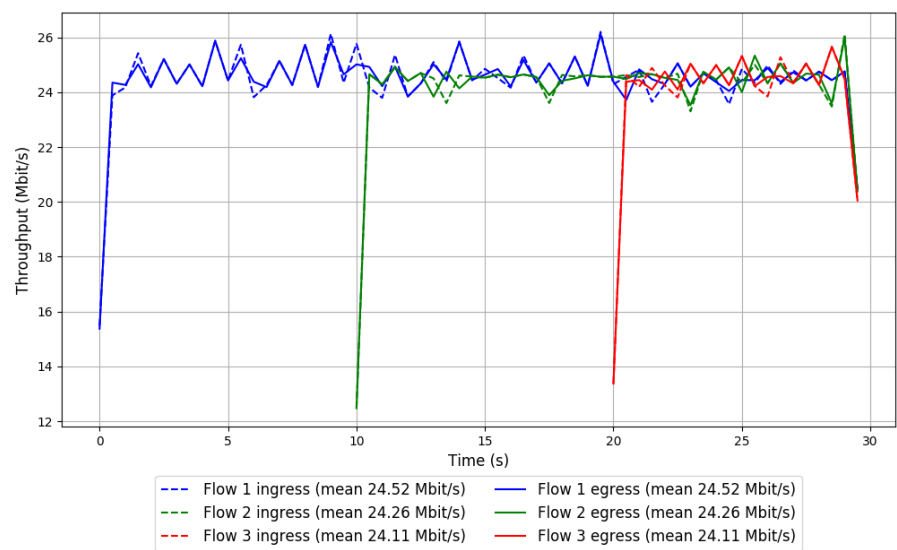


Run 1: Statistics of Sprout

Start at: 2018-02-13 17:17:31
End at: 2018-02-13 17:18:01
Local clock offset: -2.484 ms
Remote clock offset: -22.774 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.61 Mbit/s
95th percentile per-packet one-way delay: 5.319 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 5.262 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 5.175 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 5.605 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

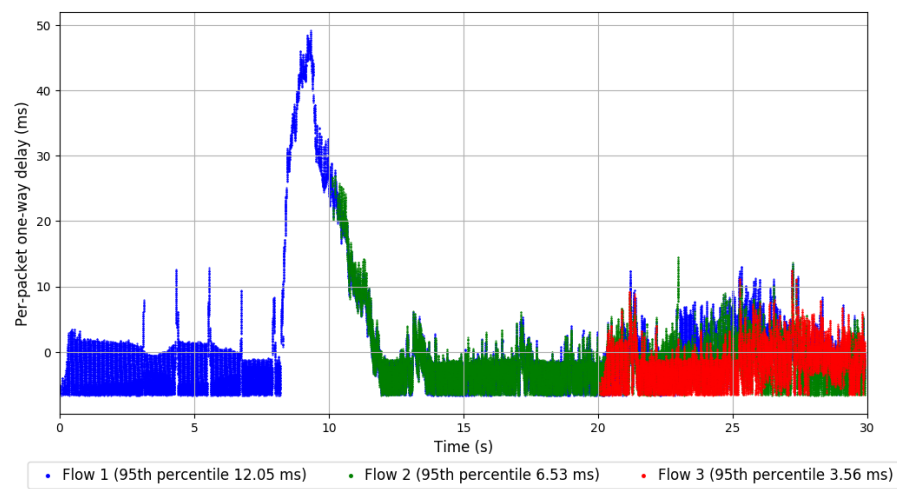
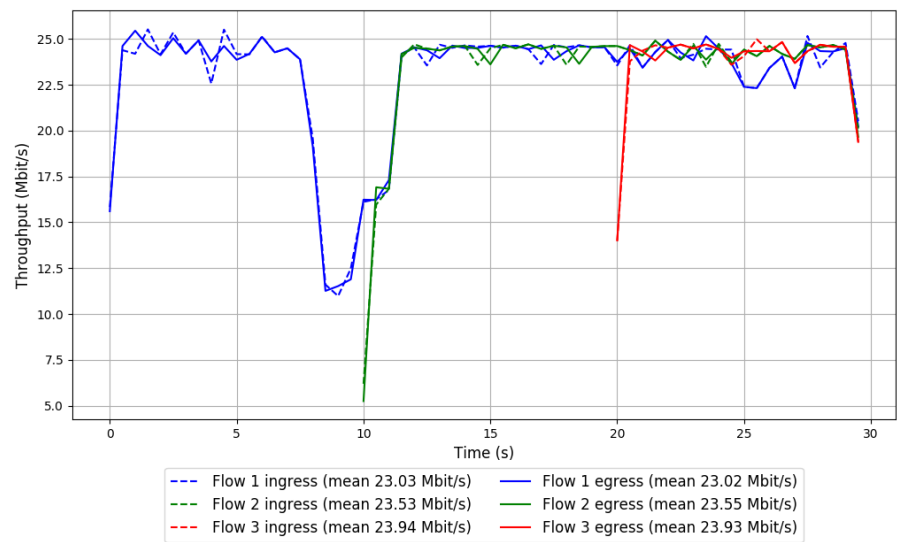


Run 2: Statistics of Sprout

Start at: 2018-02-13 17:39:48
End at: 2018-02-13 17:40:18
Local clock offset: 4.917 ms
Remote clock offset: -17.983 ms

```
# Below is generated by plot.py at 2018-02-13 21:35:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.56 Mbit/s
95th percentile per-packet one-way delay: 8.048 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 23.02 Mbit/s
95th percentile per-packet one-way delay: 12.055 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 6.533 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 3.556 ms
Loss rate: 0.00%
```


Run 2: Report of Sprout — Data Link

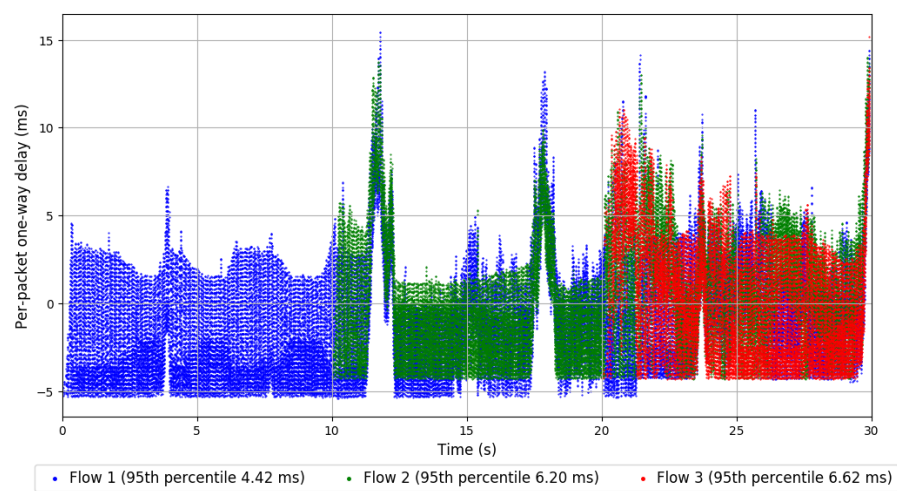
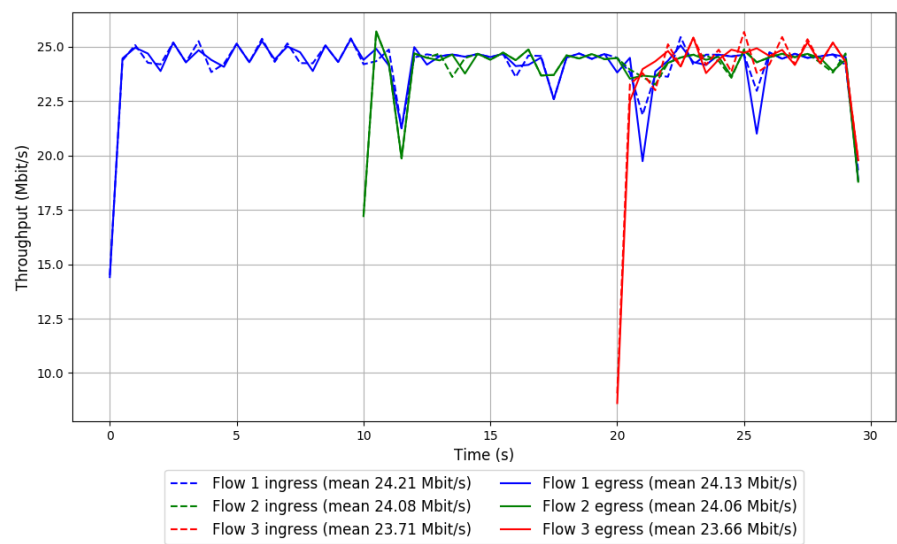


Run 3: Statistics of Sprout

Start at: 2018-02-13 18:01:34
End at: 2018-02-13 18:02:04
Local clock offset: 1.818 ms
Remote clock offset: -18.858 ms

```
# Below is generated by plot.py at 2018-02-13 21:35:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 5.629 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 4.419 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 6.202 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.66 Mbit/s
95th percentile per-packet one-way delay: 6.621 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

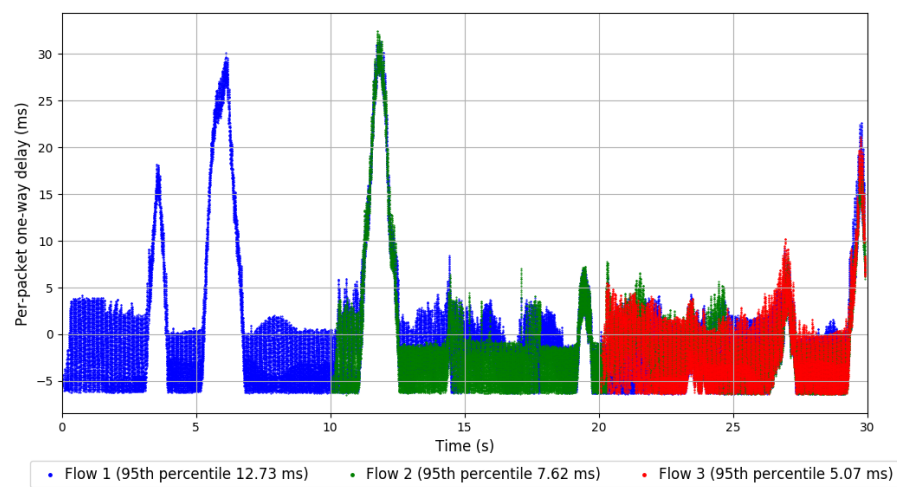
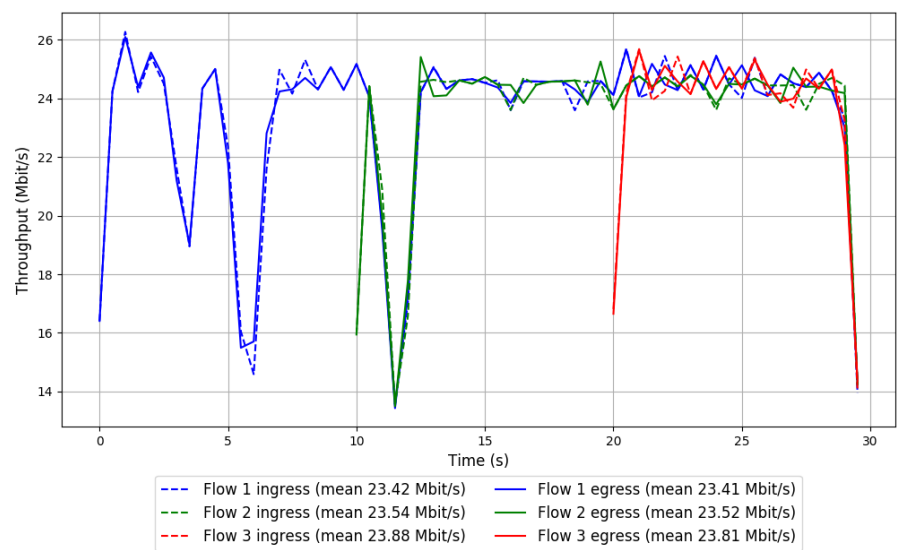


Run 4: Statistics of Sprout

Start at: 2018-02-13 18:23:58
End at: 2018-02-13 18:24:28
Local clock offset: 3.711 ms
Remote clock offset: -12.31 ms

```
# Below is generated by plot.py at 2018-02-13 21:35:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.93 Mbit/s
95th percentile per-packet one-way delay: 9.517 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 23.41 Mbit/s
95th percentile per-packet one-way delay: 12.726 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.52 Mbit/s
95th percentile per-packet one-way delay: 7.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.81 Mbit/s
95th percentile per-packet one-way delay: 5.070 ms
Loss rate: 0.12%
```

Run 4: Report of Sprout — Data Link

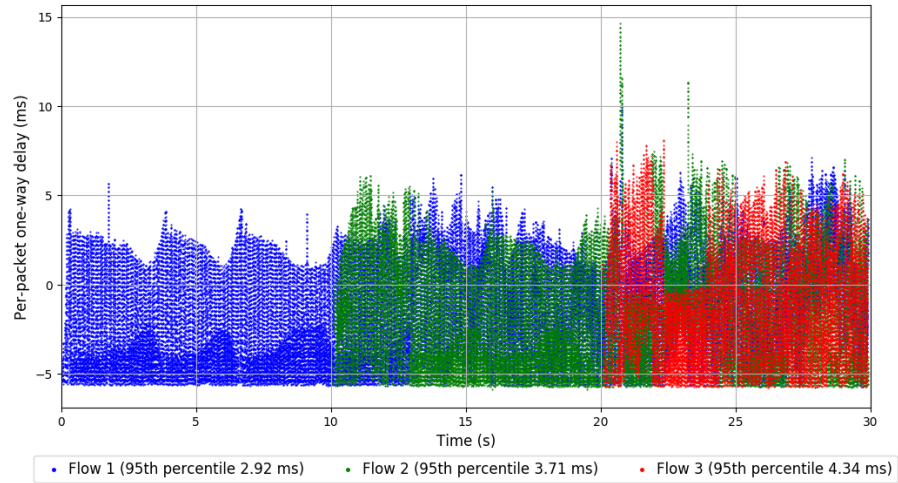
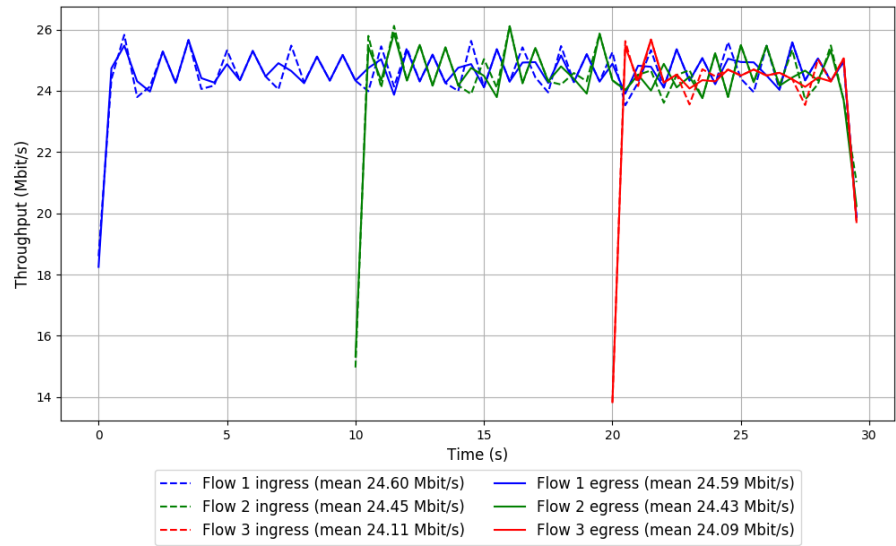


Run 5: Statistics of Sprout

Start at: 2018-02-13 18:46:04
End at: 2018-02-13 18:46:34
Local clock offset: 1.901 ms
Remote clock offset: -8.614 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.79 Mbit/s
95th percentile per-packet one-way delay: 3.502 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 2.920 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 3.714 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 4.345 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

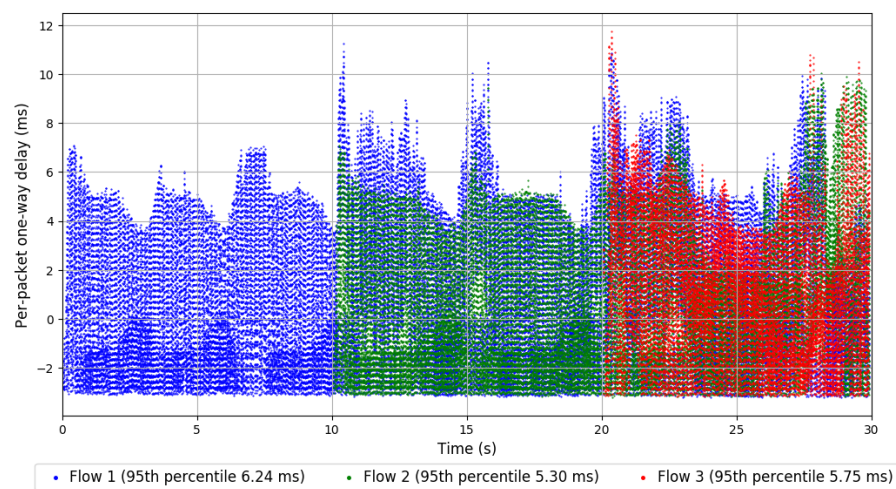
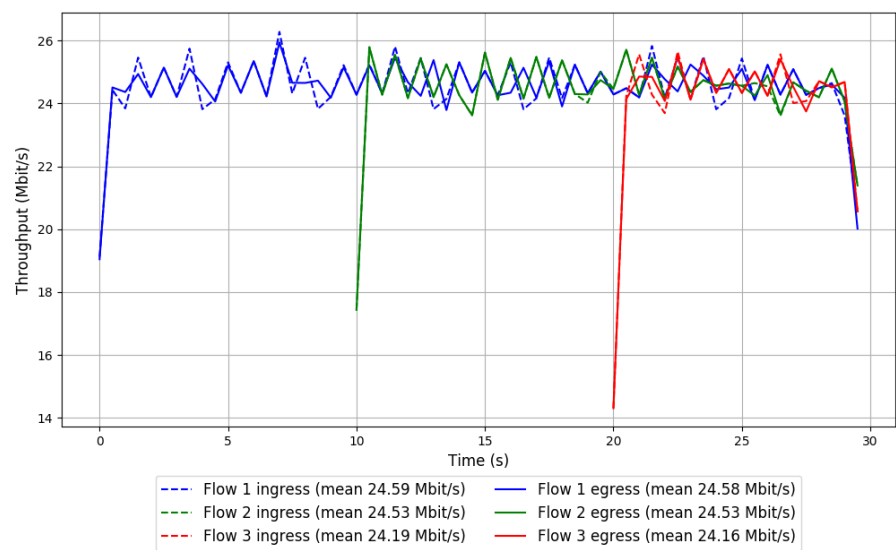


Run 6: Statistics of Sprout

Start at: 2018-02-13 19:08:51
End at: 2018-02-13 19:09:21
Local clock offset: 0.588 ms
Remote clock offset: -3.294 ms

Below is generated by plot.py at 2018-02-13 21:35:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.88 Mbit/s
95th percentile per-packet one-way delay: 5.900 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 6.235 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 5.302 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 5.751 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

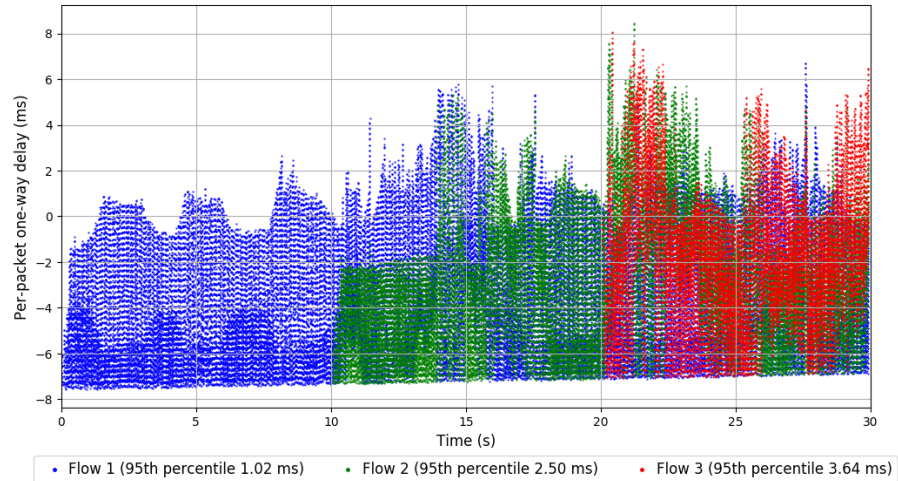
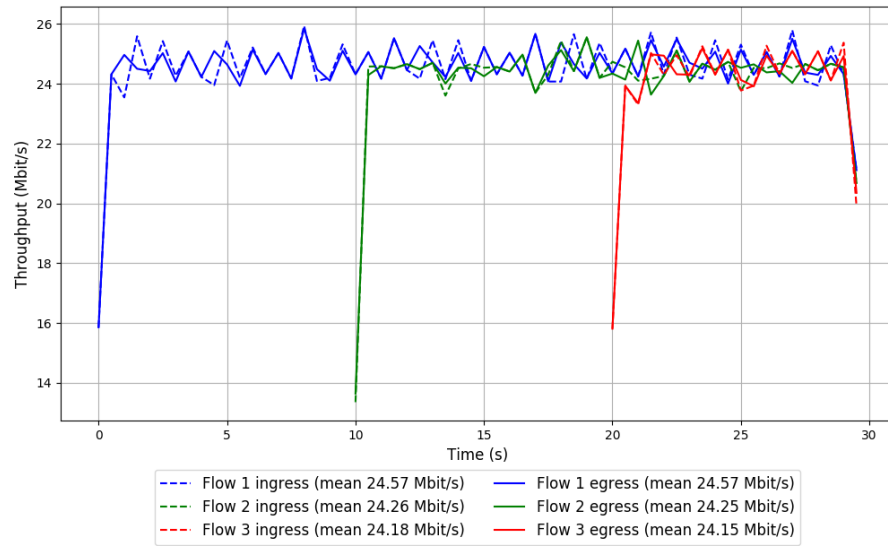


Run 7: Statistics of Sprout

Start at: 2018-02-13 19:31:22
End at: 2018-02-13 19:31:52
Local clock offset: 3.737 ms
Remote clock offset: -11.695 ms

Below is generated by plot.py at 2018-02-13 21:36:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.68 Mbit/s
95th percentile per-packet one-way delay: 2.095 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 1.016 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 2.503 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 3.640 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

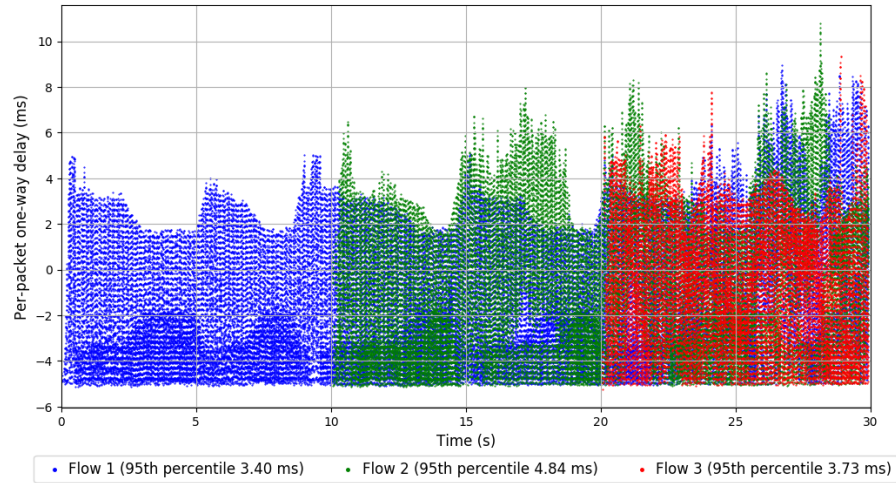
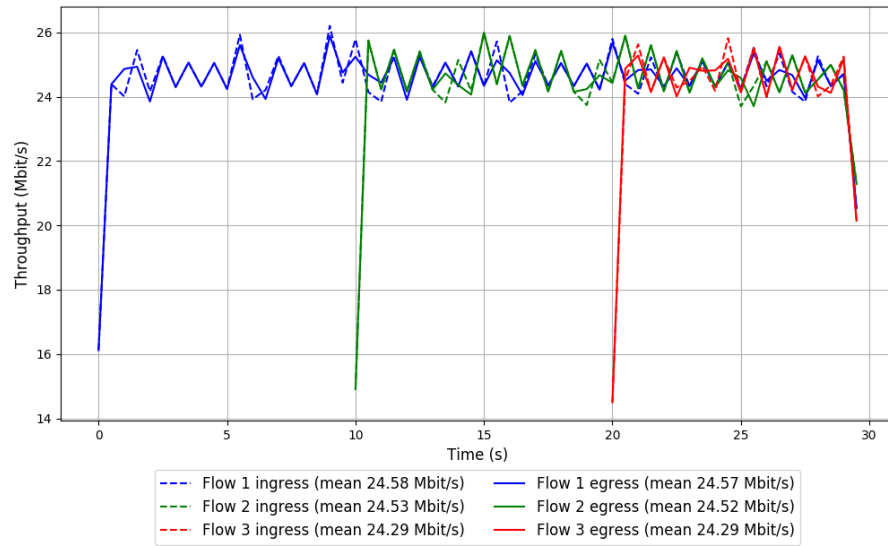


Run 8: Statistics of Sprout

Start at: 2018-02-13 19:54:02
End at: 2018-02-13 19:54:32
Local clock offset: 3.184 ms
Remote clock offset: -24.352 ms

Below is generated by plot.py at 2018-02-13 21:36:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 4.078 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 3.402 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 4.836 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 3.726 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

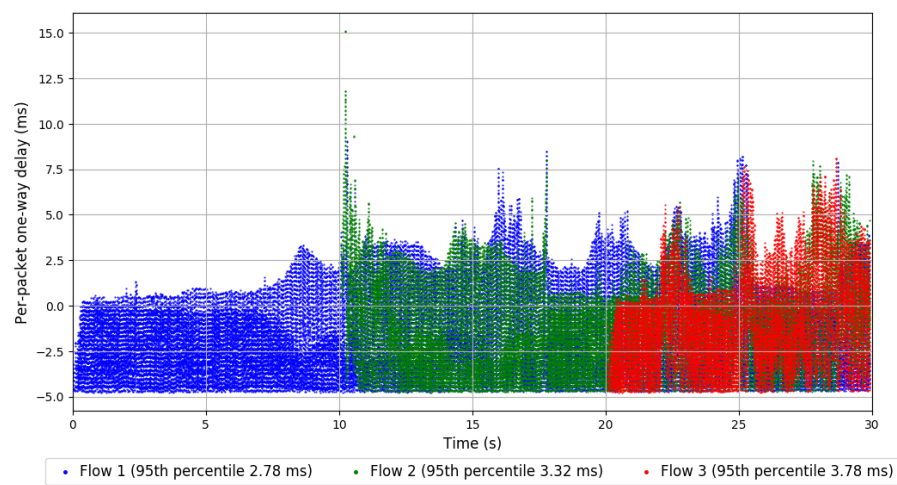
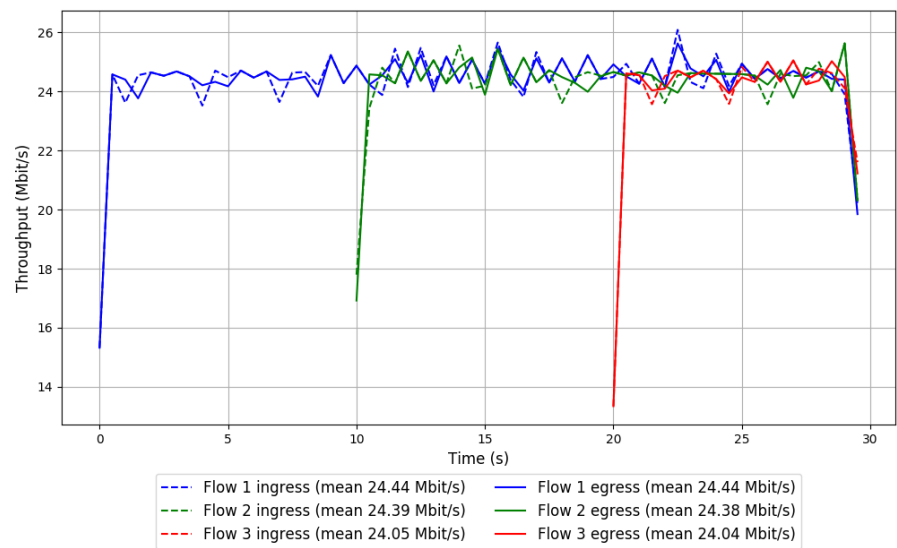


Run 9: Statistics of Sprout

Start at: 2018-02-13 20:16:42
End at: 2018-02-13 20:17:12
Local clock offset: 2.124 ms
Remote clock offset: -29.338 ms

Below is generated by plot.py at 2018-02-13 21:36:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.60 Mbit/s
95th percentile per-packet one-way delay: 3.123 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 2.778 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 3.321 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 3.784 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

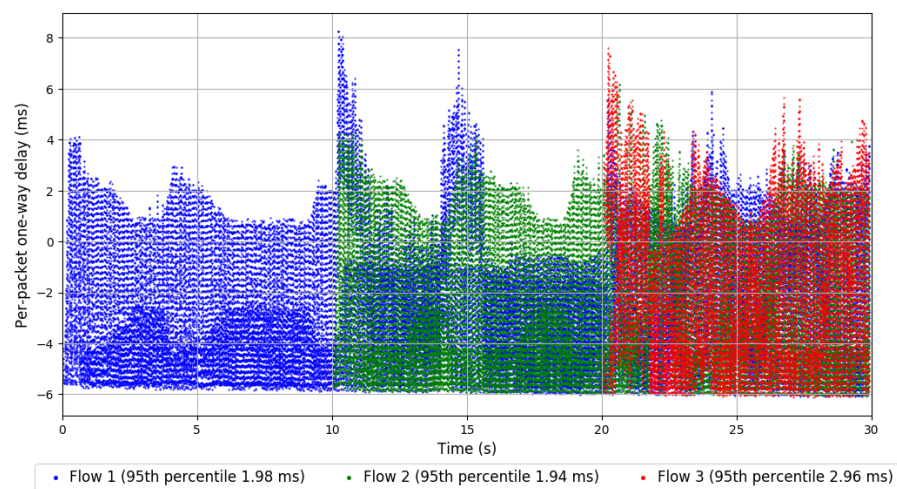
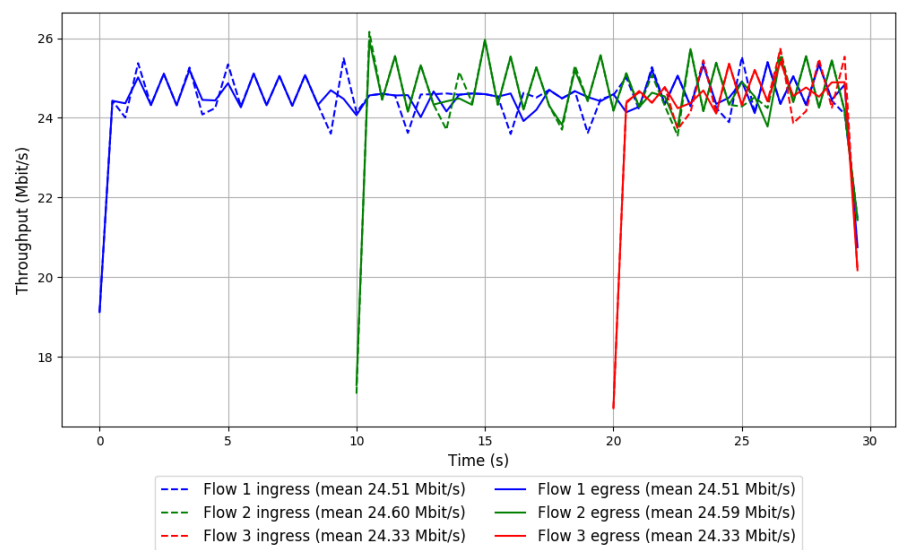


Run 10: Statistics of Sprout

Start at: 2018-02-13 20:40:01
End at: 2018-02-13 20:40:31
Local clock offset: 3.605 ms
Remote clock offset: -27.132 ms

Below is generated by plot.py at 2018-02-13 21:36:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.90 Mbit/s
95th percentile per-packet one-way delay: 2.124 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 1.976 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 1.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 2.964 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

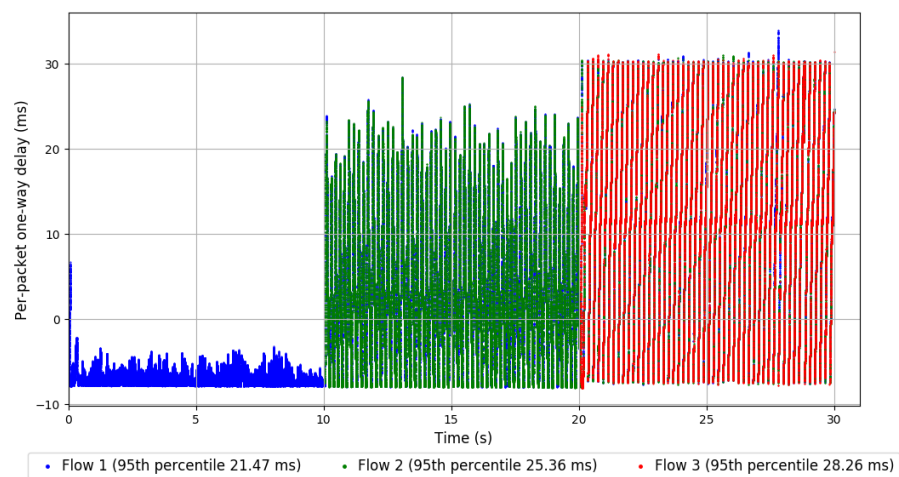
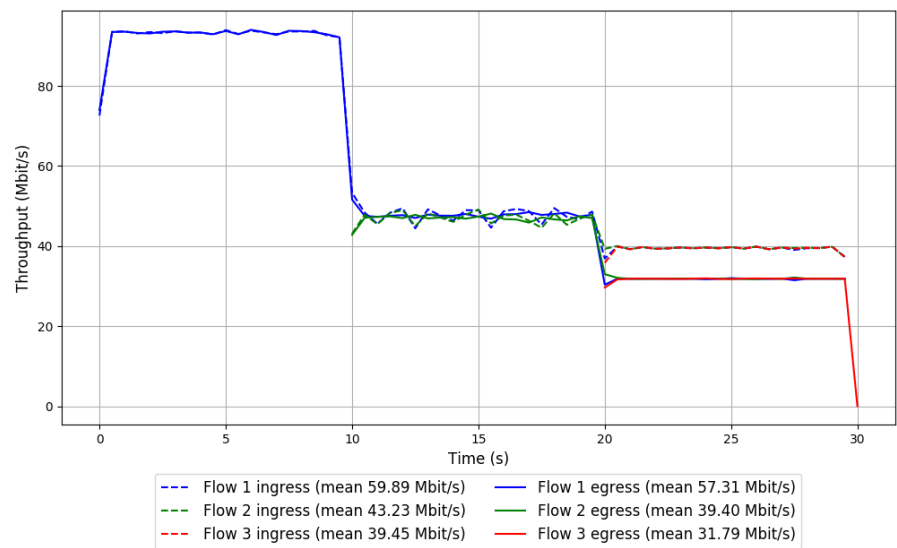


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-13 17:11:16
End at: 2018-02-13 17:11:46
Local clock offset: 1.623 ms
Remote clock offset: -24.323 ms

# Below is generated by plot.py at 2018-02-13 21:37:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.12 Mbit/s
95th percentile per-packet one-way delay: 24.458 ms
Loss rate: 7.40%
-- Flow 1:
Average throughput: 57.31 Mbit/s
95th percentile per-packet one-way delay: 21.469 ms
Loss rate: 4.20%
-- Flow 2:
Average throughput: 39.40 Mbit/s
95th percentile per-packet one-way delay: 25.359 ms
Loss rate: 8.72%
-- Flow 3:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 28.261 ms
Loss rate: 19.13%
```

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

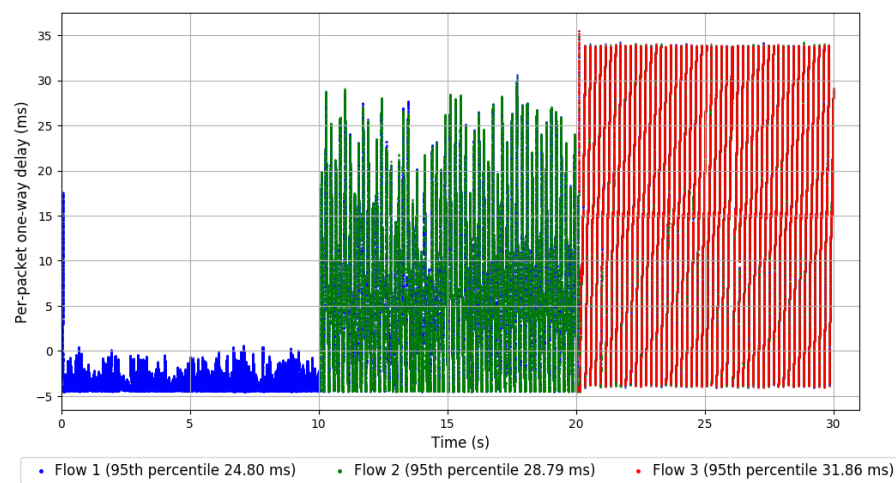
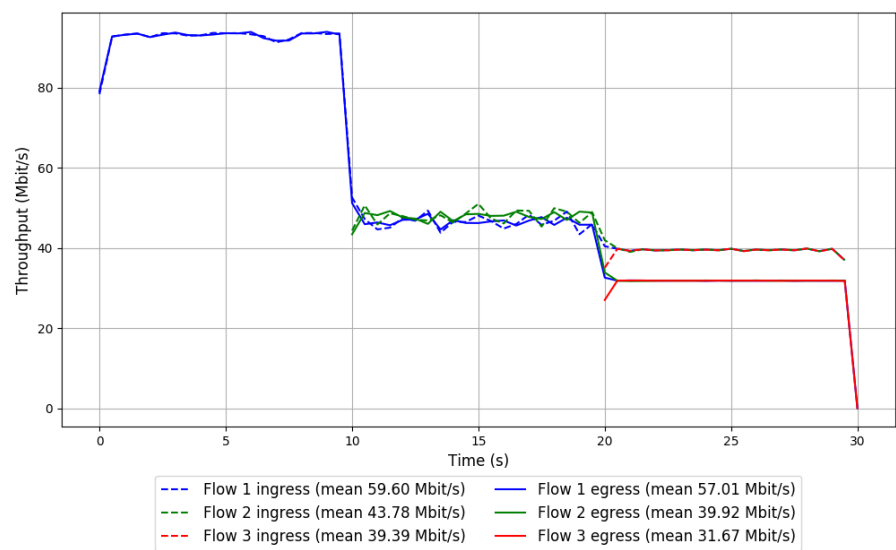


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-13 17:33:42
End at: 2018-02-13 17:34:12
Local clock offset: 0.871 ms
Remote clock offset: -19.749 ms

Below is generated by plot.py at 2018-02-13 21:38:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 28.041 ms
Loss rate: 7.45%
-- Flow 1:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 24.795 ms
Loss rate: 4.24%
-- Flow 2:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 28.794 ms
Loss rate: 8.68%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 31.864 ms
Loss rate: 19.33%

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

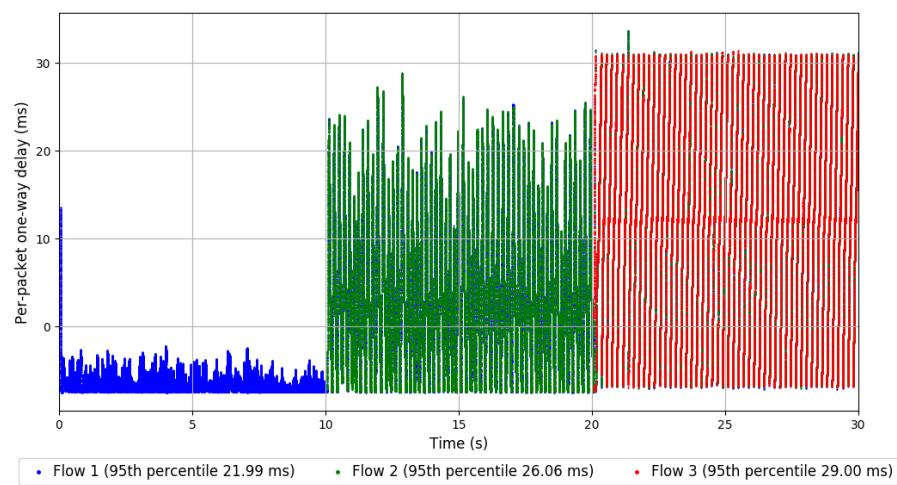
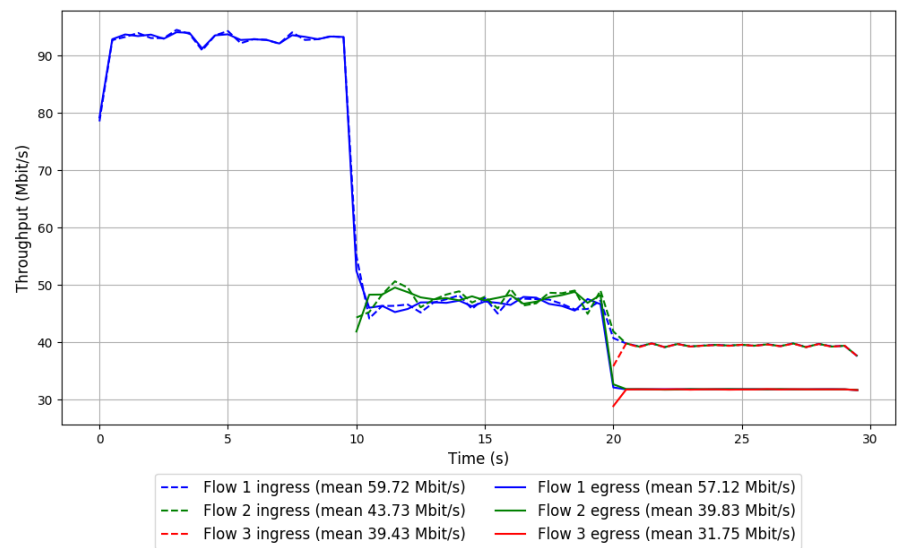


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-13 17:55:28
End at: 2018-02-13 17:55:58
Local clock offset: 3.012 ms
Remote clock offset: -19.926 ms

Below is generated by plot.py at 2018-02-13 21:38:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.19 Mbit/s
95th percentile per-packet one-way delay: 25.177 ms
Loss rate: 7.49%
-- Flow 1:
Average throughput: 57.12 Mbit/s
95th percentile per-packet one-way delay: 21.989 ms
Loss rate: 4.27%
-- Flow 2:
Average throughput: 39.83 Mbit/s
95th percentile per-packet one-way delay: 26.063 ms
Loss rate: 8.79%
-- Flow 3:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 28.996 ms
Loss rate: 19.26%

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

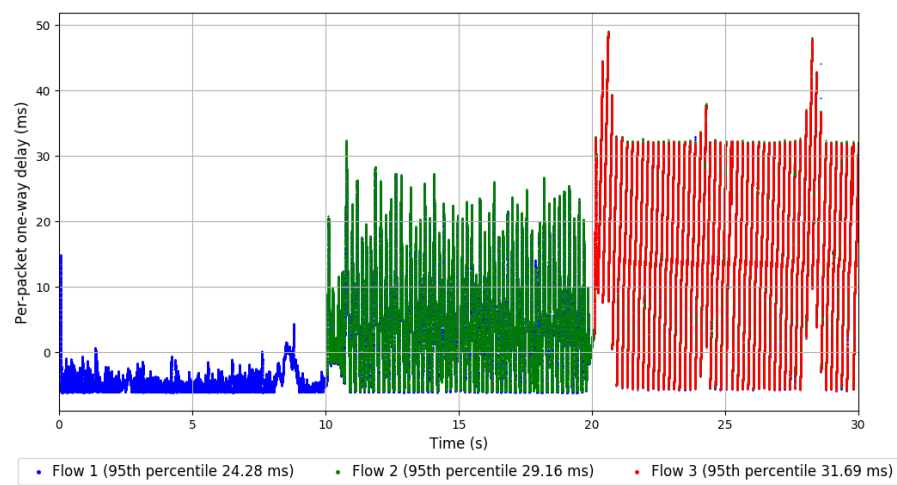
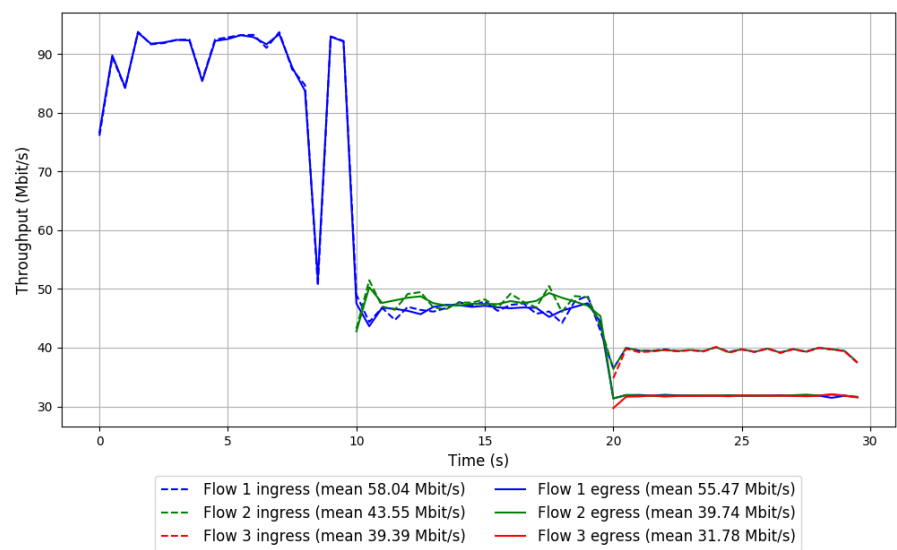


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-13 18:17:41
End at: 2018-02-13 18:18:11
Local clock offset: -2.369 ms
Remote clock offset: -23.353 ms

Below is generated by plot.py at 2018-02-13 21:38:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.51 Mbit/s
95th percentile per-packet one-way delay: 28.221 ms
Loss rate: 7.52%
-- Flow 1:
Average throughput: 55.47 Mbit/s
95th percentile per-packet one-way delay: 24.284 ms
Loss rate: 4.35%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 29.162 ms
Loss rate: 8.62%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 31.691 ms
Loss rate: 19.14%

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

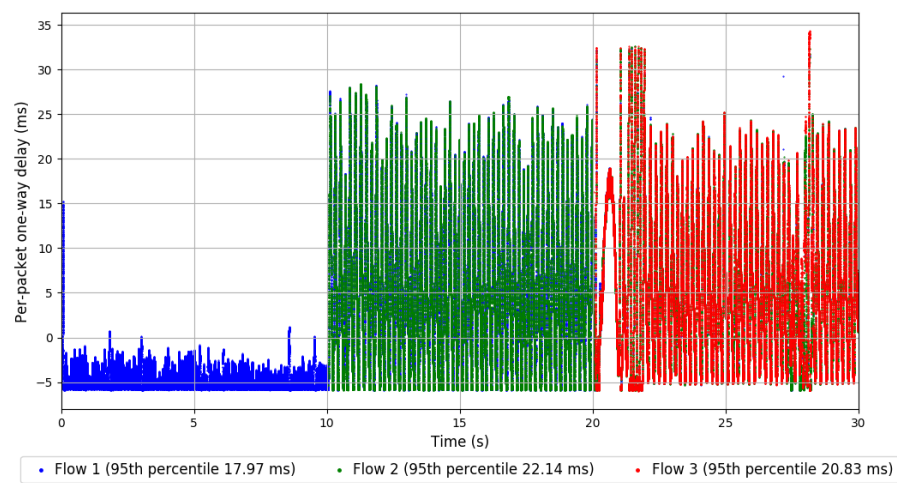
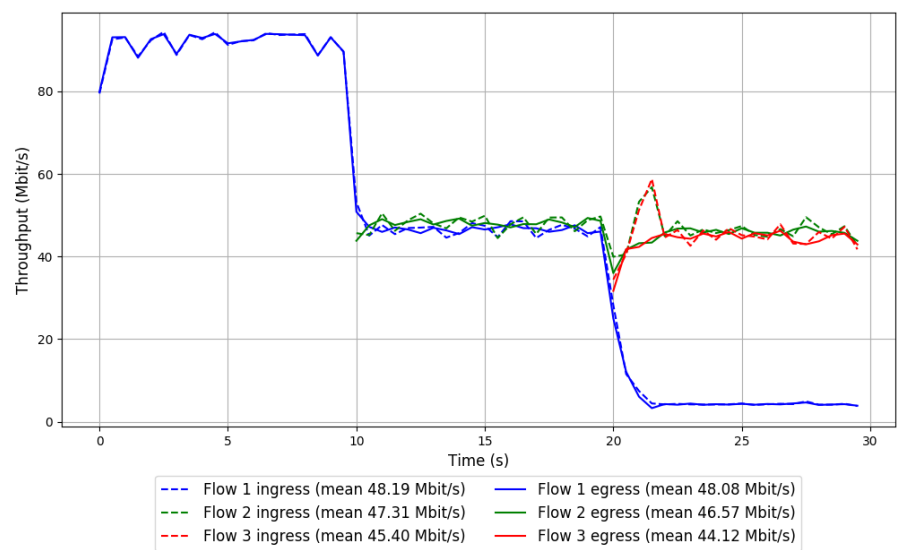


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-13 18:39:55
End at: 2018-02-13 18:40:25
Local clock offset: 1.957 ms
Remote clock offset: -9.581 ms

Below is generated by plot.py at 2018-02-13 21:38:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.71 Mbit/s
95th percentile per-packet one-way delay: 20.607 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 17.967 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 46.57 Mbit/s
95th percentile per-packet one-way delay: 22.140 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 44.12 Mbit/s
95th percentile per-packet one-way delay: 20.830 ms
Loss rate: 2.97%

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

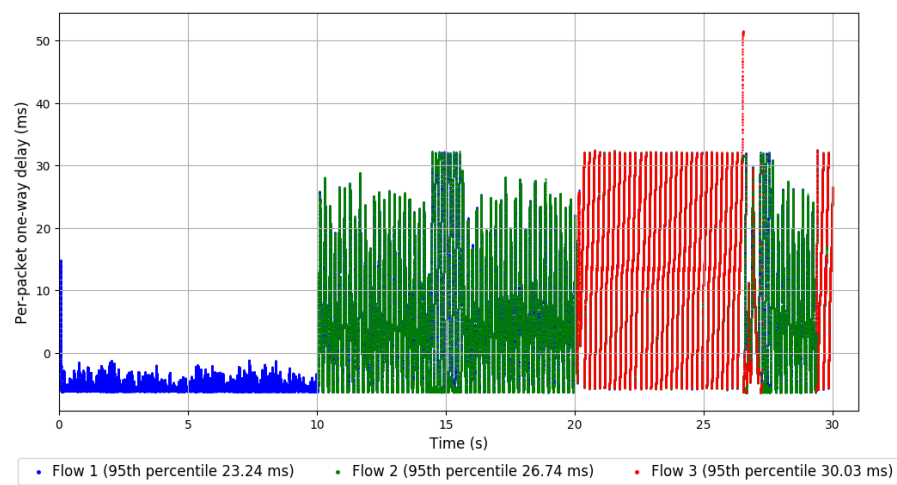
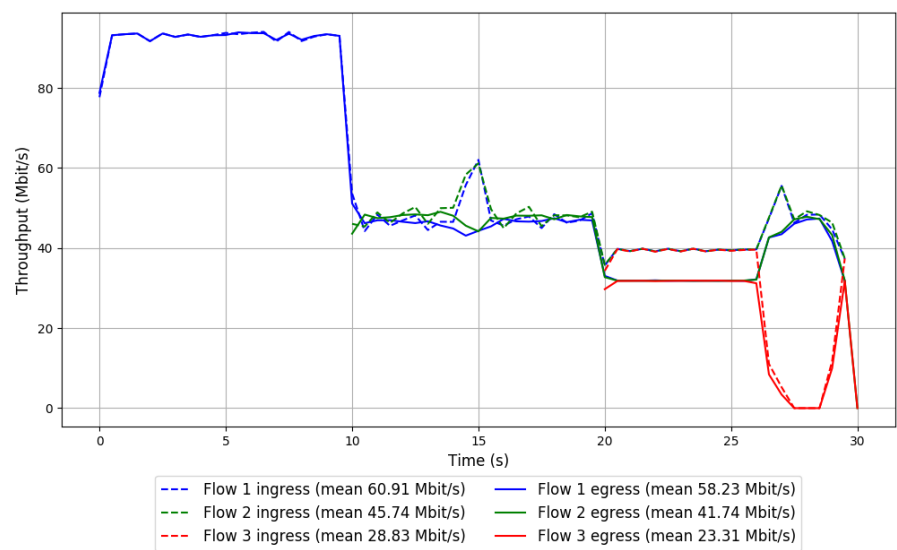


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-13 19:02:25
End at: 2018-02-13 19:02:55
Local clock offset: 3.347 ms
Remote clock offset: -5.239 ms

Below is generated by plot.py at 2018-02-13 21:38:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 25.650 ms
Loss rate: 6.99%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 23.240 ms
Loss rate: 4.30%
-- Flow 2:
Average throughput: 41.74 Mbit/s
95th percentile per-packet one-way delay: 26.743 ms
Loss rate: 8.60%
-- Flow 3:
Average throughput: 23.31 Mbit/s
95th percentile per-packet one-way delay: 30.026 ms
Loss rate: 19.00%

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

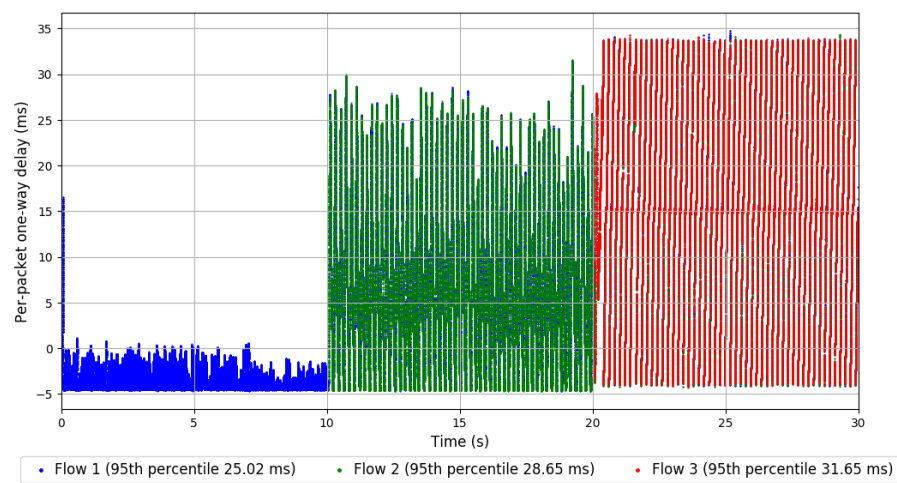
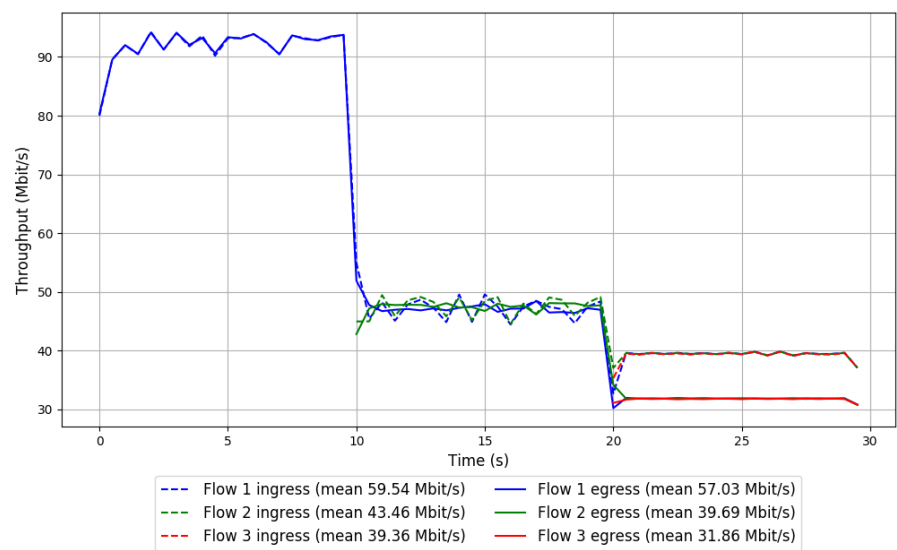


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-13 19:25:02
End at: 2018-02-13 19:25:32
Local clock offset: 1.446 ms
Remote clock offset: -1.425 ms

Below is generated by plot.py at 2018-02-13 21:38:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 27.839 ms
Loss rate: 7.32%
-- Flow 1:
Average throughput: 57.03 Mbit/s
95th percentile per-packet one-way delay: 25.019 ms
Loss rate: 4.16%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 28.646 ms
Loss rate: 8.58%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 31.654 ms
Loss rate: 18.98%

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

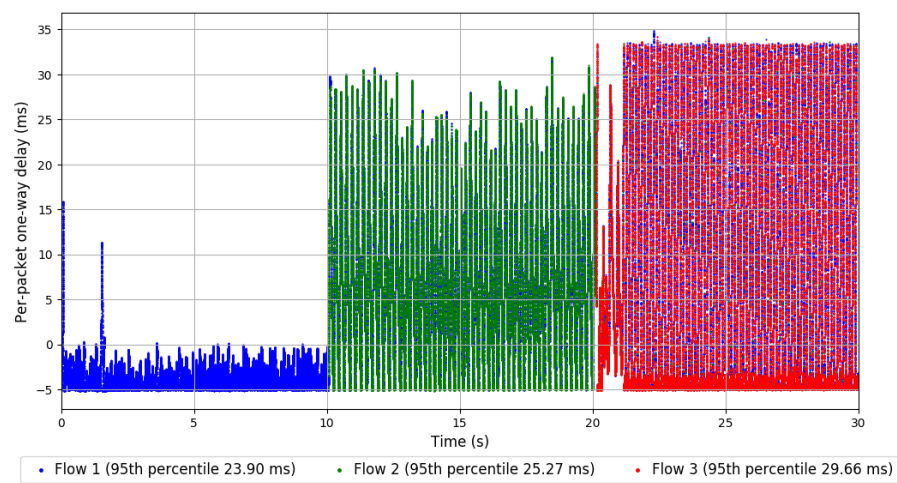
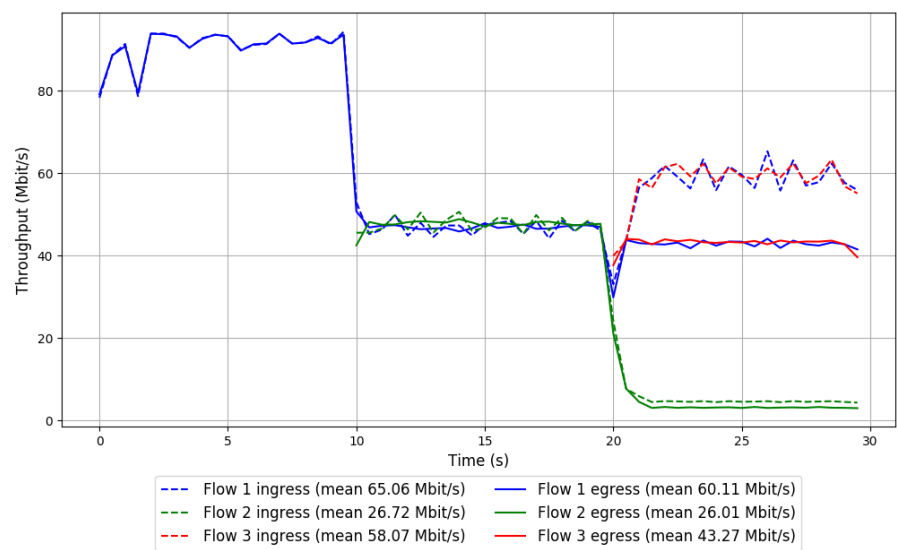


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-13 19:47:42
End at: 2018-02-13 19:48:12
Local clock offset: 3.731 ms
Remote clock offset: -21.695 ms

Below is generated by plot.py at 2018-02-13 21:38:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 25.545 ms
Loss rate: 10.16%
-- Flow 1:
Average throughput: 60.11 Mbit/s
95th percentile per-packet one-way delay: 23.896 ms
Loss rate: 7.60%
-- Flow 2:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 25.271 ms
Loss rate: 2.66%
-- Flow 3:
Average throughput: 43.27 Mbit/s
95th percentile per-packet one-way delay: 29.656 ms
Loss rate: 25.69%

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

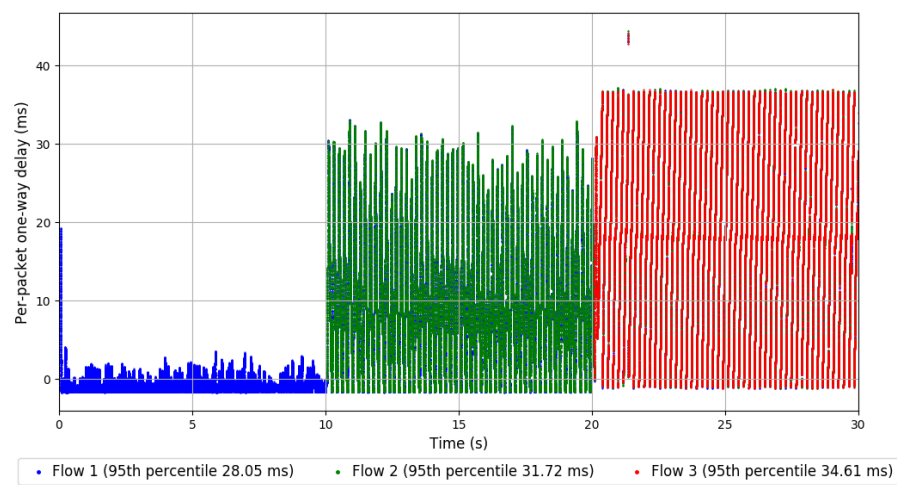
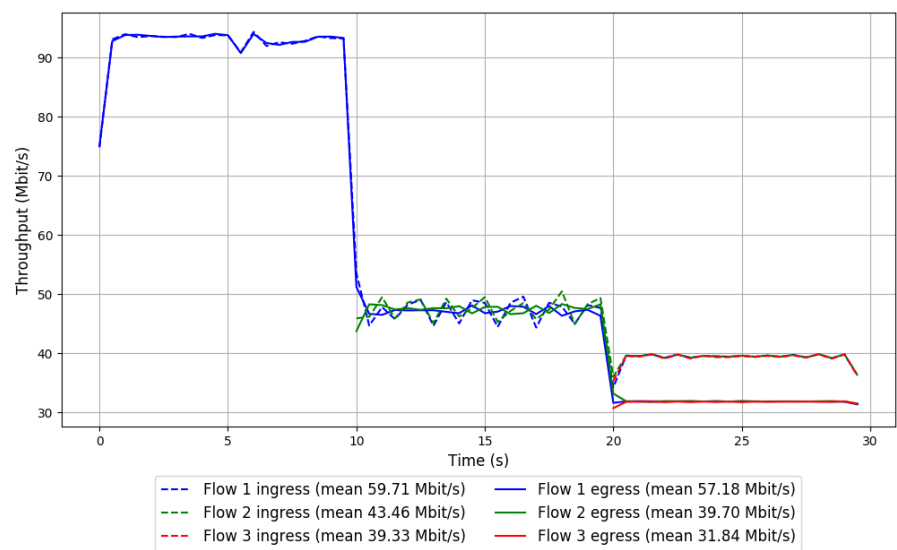


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-13 20:10:16
End at: 2018-02-13 20:10:46
Local clock offset: -0.032 ms
Remote clock offset: -27.583 ms

Below is generated by plot.py at 2018-02-13 21:40:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 30.799 ms
Loss rate: 7.27%
-- Flow 1:
Average throughput: 57.18 Mbit/s
95th percentile per-packet one-way delay: 28.050 ms
Loss rate: 4.13%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 31.717 ms
Loss rate: 8.52%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 34.609 ms
Loss rate: 18.88%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-13 20:33:36

End at: 2018-02-13 20:34:06

Local clock offset: 1.76 ms

Remote clock offset: -32.774 ms

Below is generated by plot.py at 2018-02-13 21:40:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.37 Mbit/s

95th percentile per-packet one-way delay: 28.143 ms

Loss rate: 7.43%

-- Flow 1:

Average throughput: 57.58 Mbit/s

95th percentile per-packet one-way delay: 25.828 ms

Loss rate: 4.21%

-- Flow 2:

Average throughput: 39.46 Mbit/s

95th percentile per-packet one-way delay: 28.936 ms

Loss rate: 8.77%

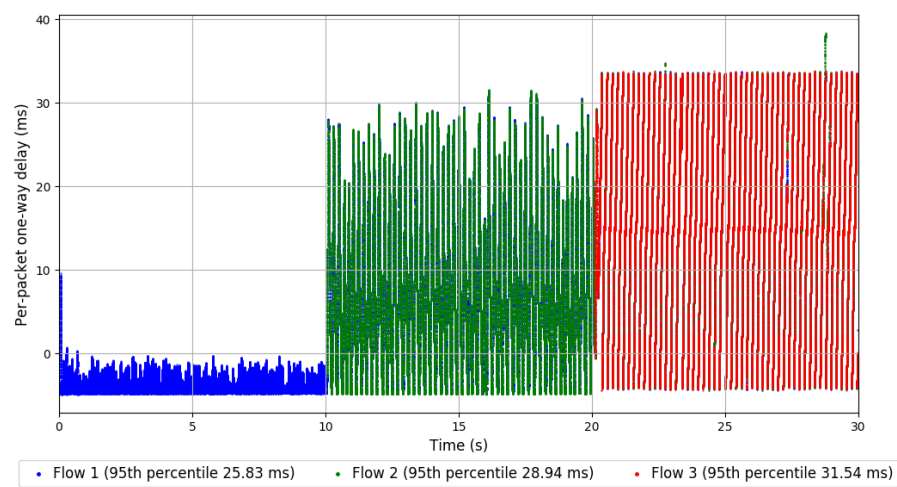
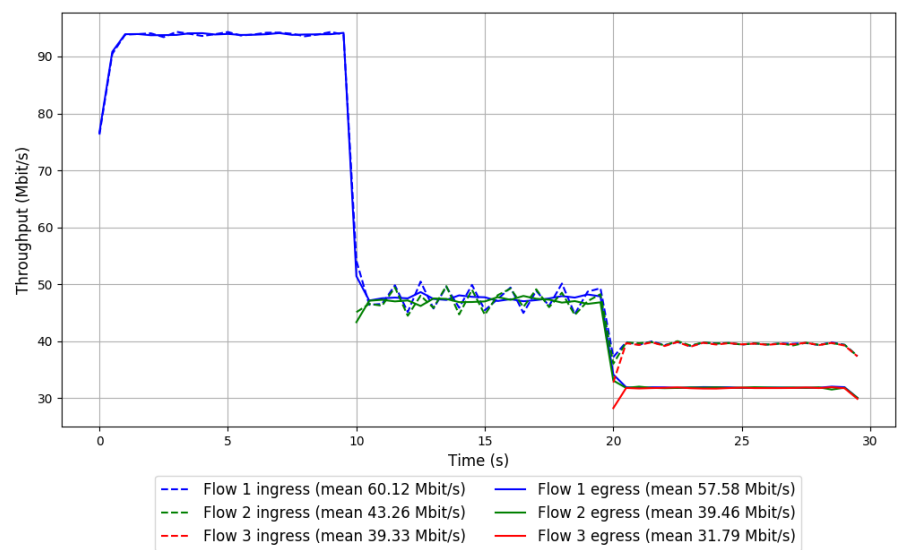
-- Flow 3:

Average throughput: 31.79 Mbit/s

95th percentile per-packet one-way delay: 31.538 ms

Loss rate: 19.31%

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

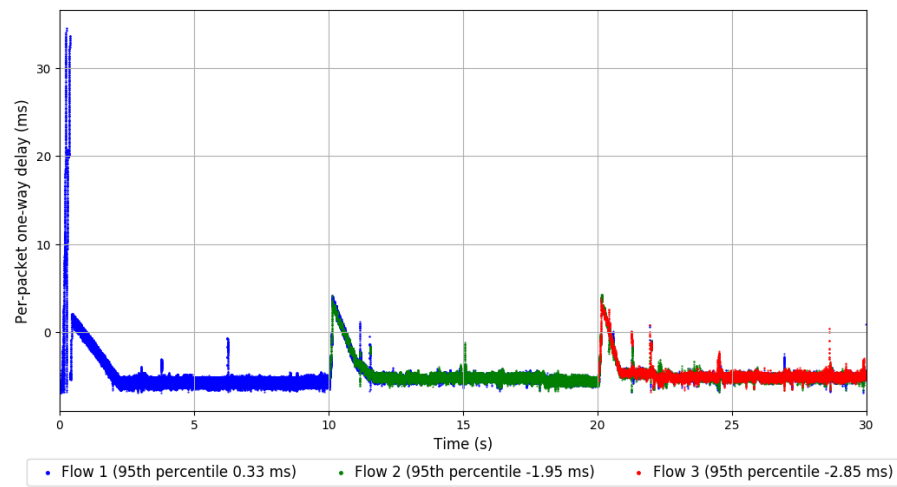
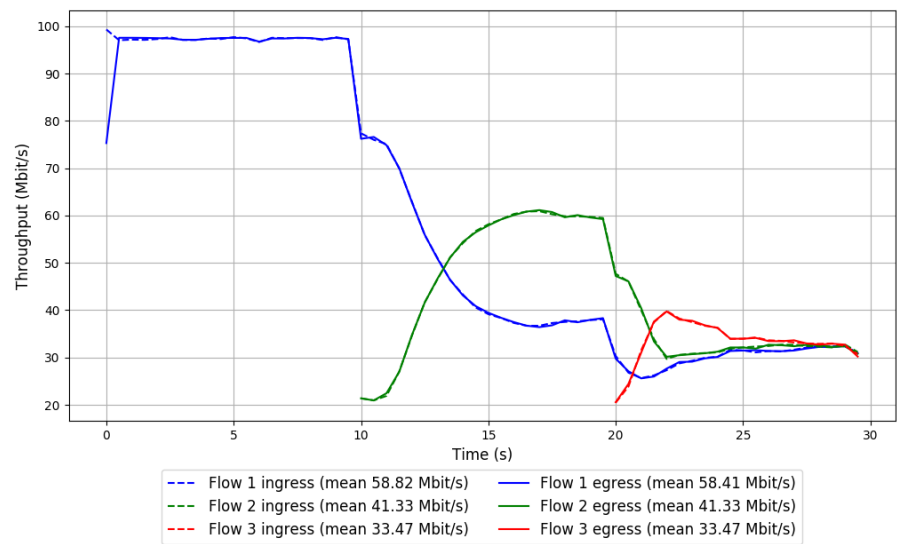


Run 1: Statistics of TCP Vegas

Start at: 2018-02-13 17:19:45
End at: 2018-02-13 17:20:15
Local clock offset: 1.903 ms
Remote clock offset: -21.34 ms

Below is generated by plot.py at 2018-02-13 21:40:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: -0.219 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 58.41 Mbit/s
95th percentile per-packet one-way delay: 0.328 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 41.33 Mbit/s
95th percentile per-packet one-way delay: -1.946 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.47 Mbit/s
95th percentile per-packet one-way delay: -2.850 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

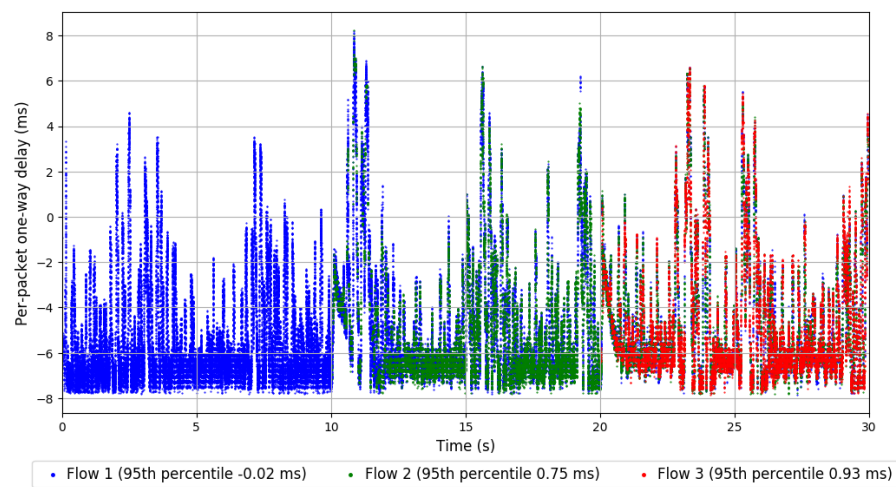
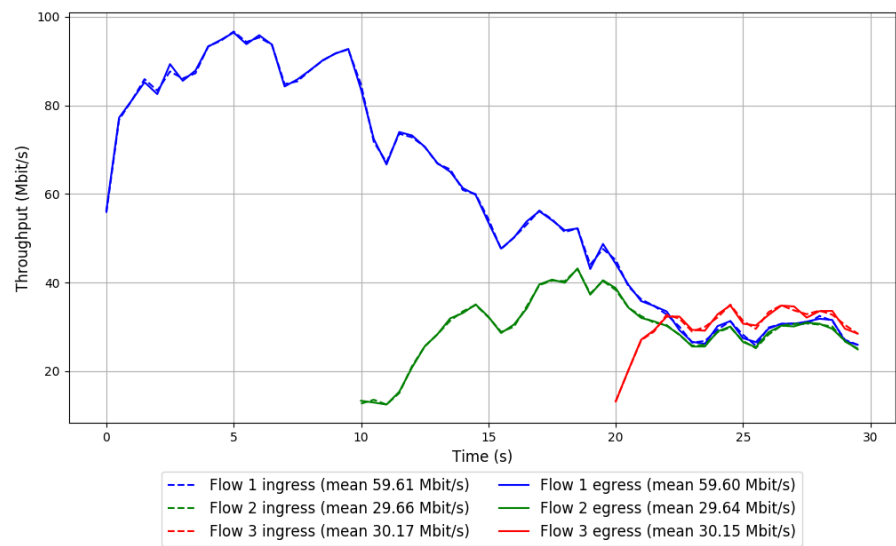


Run 2: Statistics of TCP Vegas

Start at: 2018-02-13 17:42:02
End at: 2018-02-13 17:42:32
Local clock offset: 2.855 ms
Remote clock offset: -21.059 ms

Below is generated by plot.py at 2018-02-13 21:40:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 0.316 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.60 Mbit/s
95th percentile per-packet one-way delay: -0.017 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 0.753 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 0.930 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

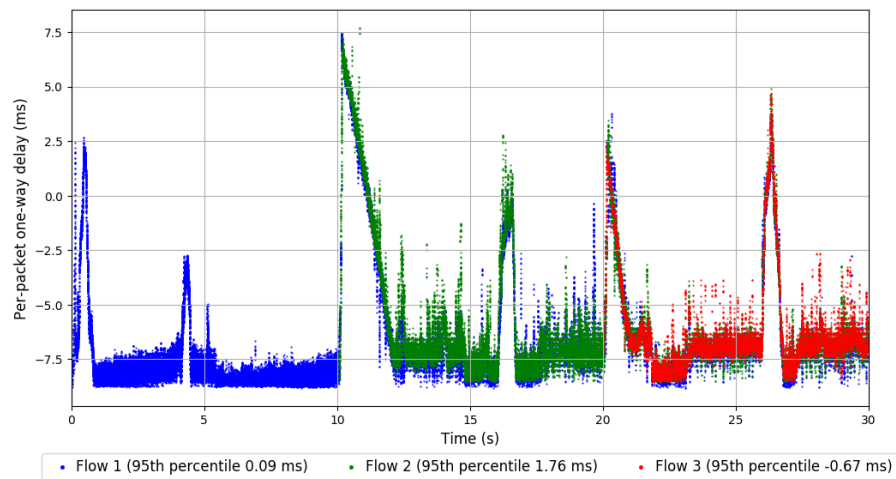
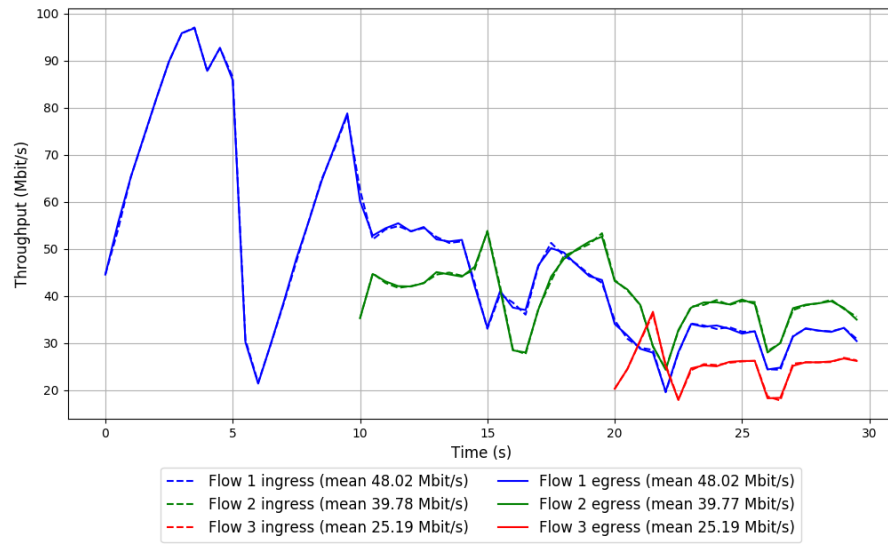


Run 3: Statistics of TCP Vegas

Start at: 2018-02-13 18:03:47
End at: 2018-02-13 18:04:17
Local clock offset: 4.464 ms
Remote clock offset: -20.276 ms

Below is generated by plot.py at 2018-02-13 21:40:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.87 Mbit/s
95th percentile per-packet one-way delay: 0.575 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.02 Mbit/s
95th percentile per-packet one-way delay: 0.093 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 1.764 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.19 Mbit/s
95th percentile per-packet one-way delay: -0.666 ms
Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

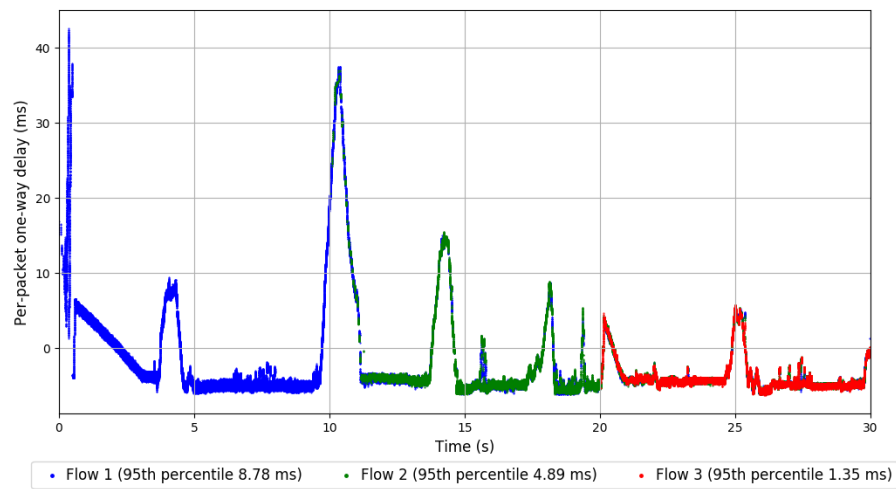
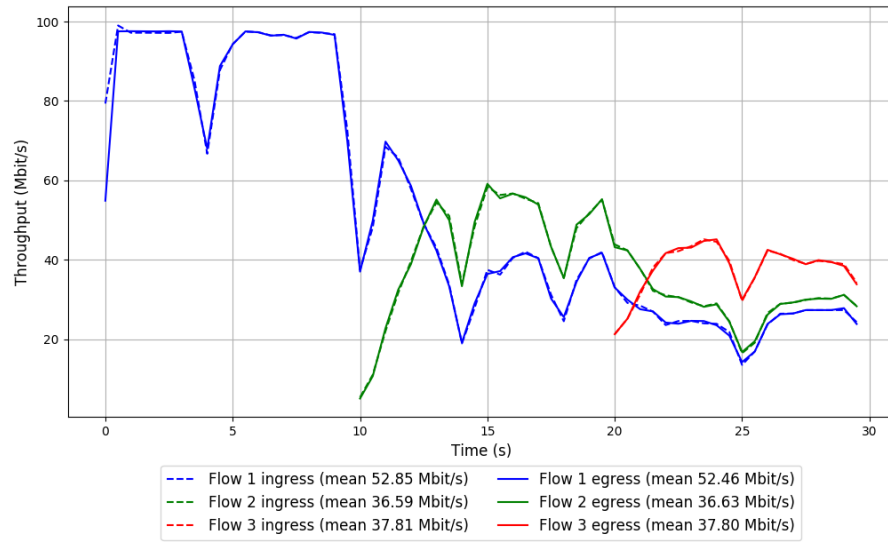


Run 4: Statistics of TCP Vegas

Start at: 2018-02-13 18:26:15
End at: 2018-02-13 18:26:45
Local clock offset: 1.687 ms
Remote clock offset: -13.24 ms

Below is generated by plot.py at 2018-02-13 21:40:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 7.154 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 52.46 Mbit/s
95th percentile per-packet one-way delay: 8.777 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 4.893 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.80 Mbit/s
95th percentile per-packet one-way delay: 1.351 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

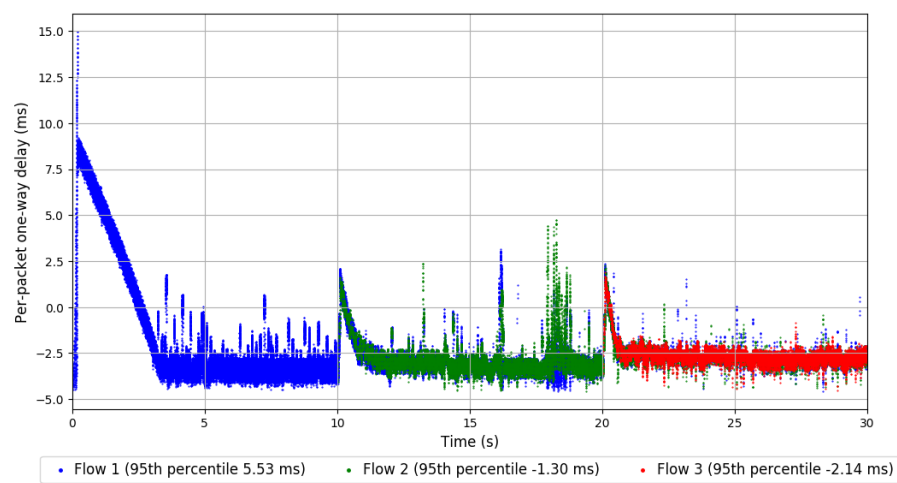
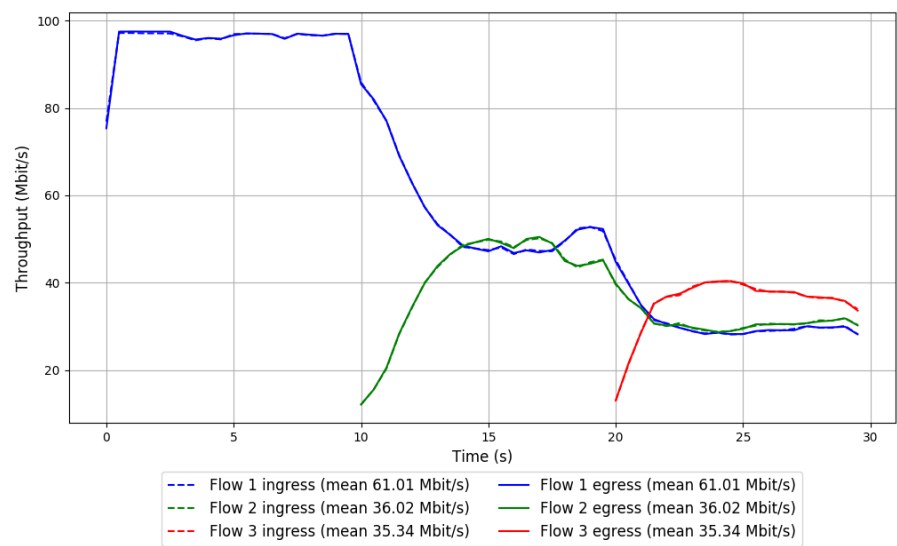


Run 5: Statistics of TCP Vegas

Start at: 2018-02-13 18:48:19
End at: 2018-02-13 18:48:49
Local clock offset: 1.623 ms
Remote clock offset: -7.516 ms

Below is generated by plot.py at 2018-02-13 21:40:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 3.578 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.01 Mbit/s
95th percentile per-packet one-way delay: 5.530 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: -1.304 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.34 Mbit/s
95th percentile per-packet one-way delay: -2.137 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

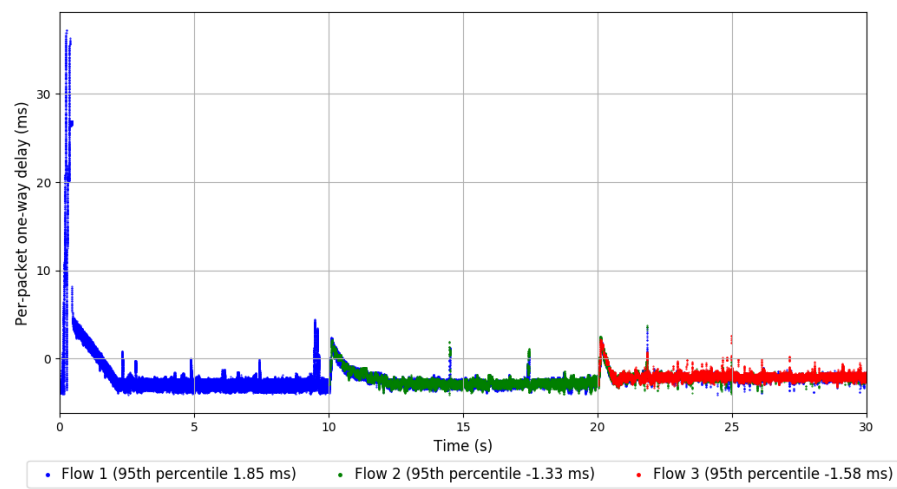
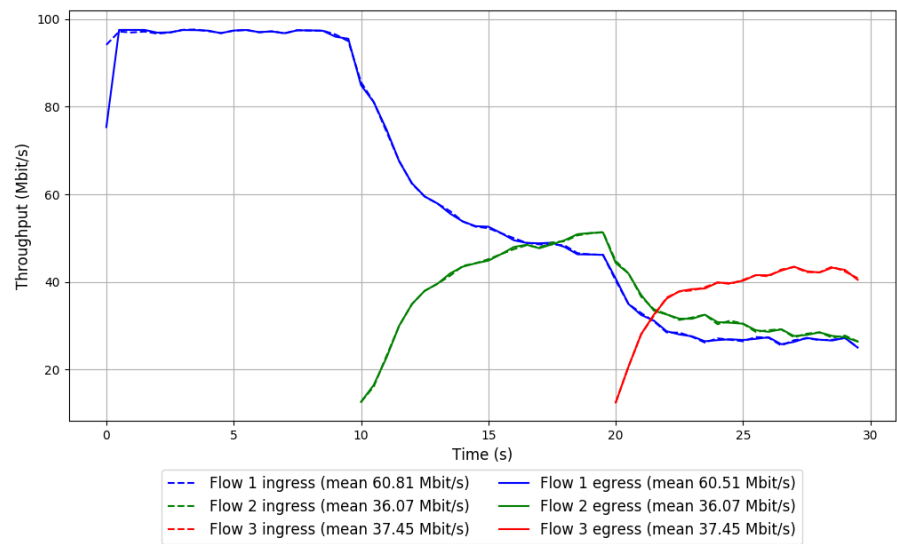


Run 6: Statistics of TCP Vegas

Start at: 2018-02-13 19:11:09
End at: 2018-02-13 19:11:39
Local clock offset: 0.816 ms
Remote clock offset: -3.581 ms

Below is generated by plot.py at 2018-02-13 21:40:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 0.706 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 60.51 Mbit/s
95th percentile per-packet one-way delay: 1.847 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 36.07 Mbit/s
95th percentile per-packet one-way delay: -1.333 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.45 Mbit/s
95th percentile per-packet one-way delay: -1.578 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

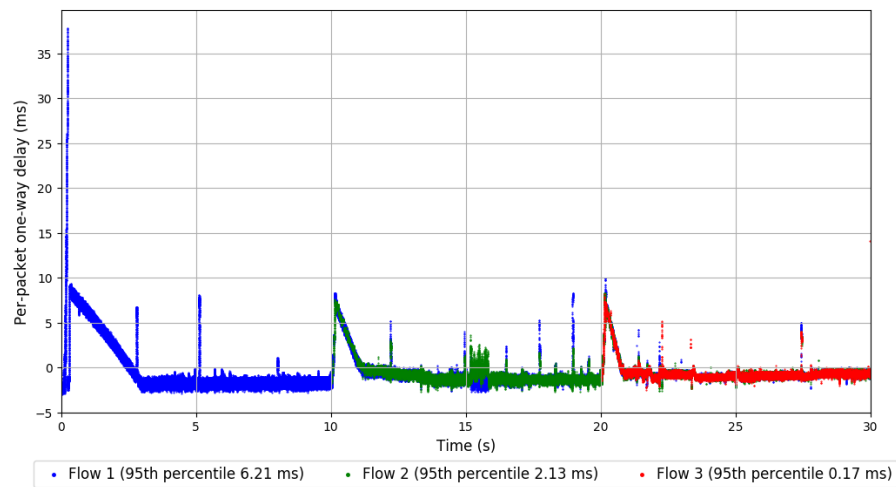
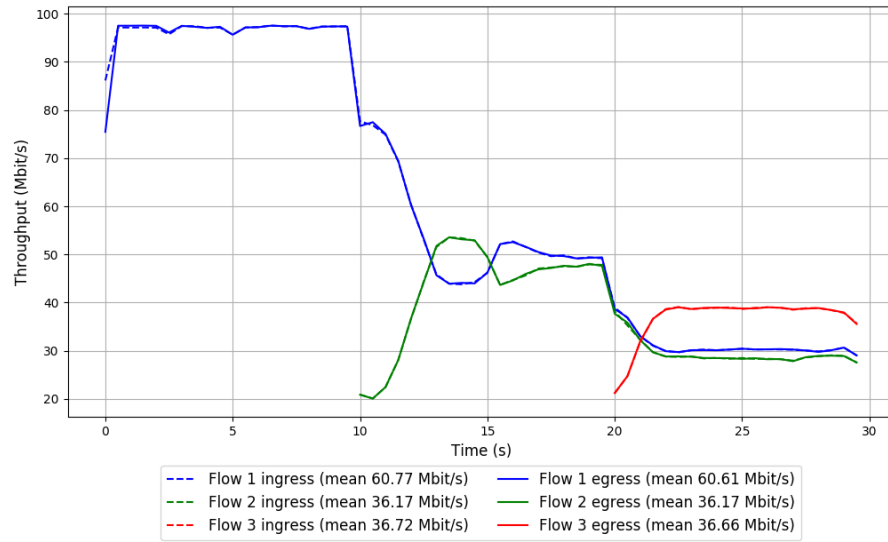


Run 7: Statistics of TCP Vegas

Start at: 2018-02-13 19:33:38
End at: 2018-02-13 19:34:08
Local clock offset: 0.204 ms
Remote clock offset: -13.598 ms

Below is generated by plot.py at 2018-02-13 21:41:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 5.336 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.61 Mbit/s
95th percentile per-packet one-way delay: 6.206 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 2.134 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 0.167 ms
Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link

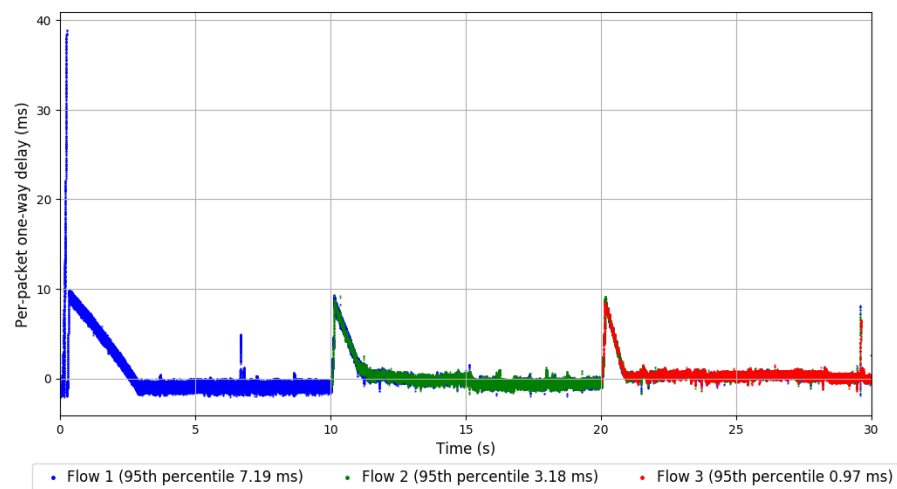
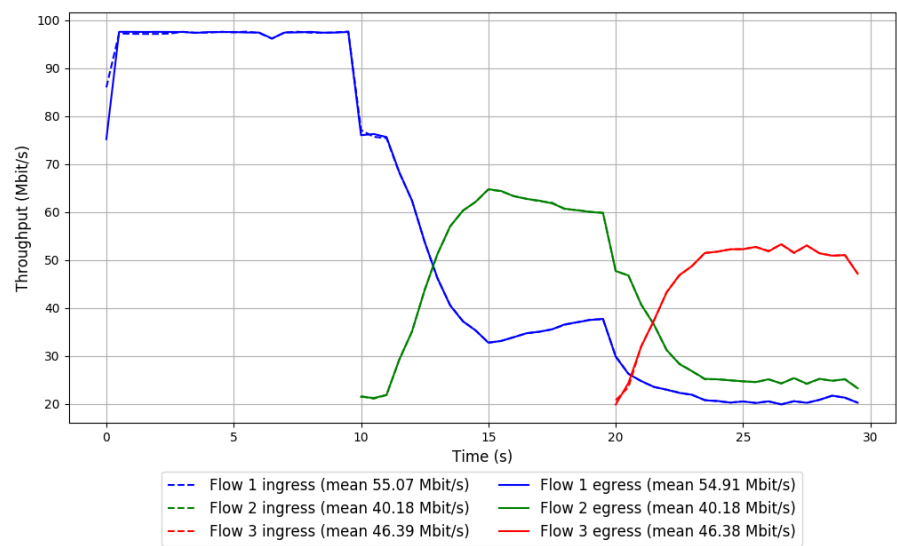


Run 8: Statistics of TCP Vegas

Start at: 2018-02-13 19:56:16
End at: 2018-02-13 19:56:46
Local clock offset: 1.125 ms
Remote clock offset: -23.885 ms

Below is generated by plot.py at 2018-02-13 21:41:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 6.136 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 54.91 Mbit/s
95th percentile per-packet one-way delay: 7.191 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 40.18 Mbit/s
95th percentile per-packet one-way delay: 3.184 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.38 Mbit/s
95th percentile per-packet one-way delay: 0.966 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

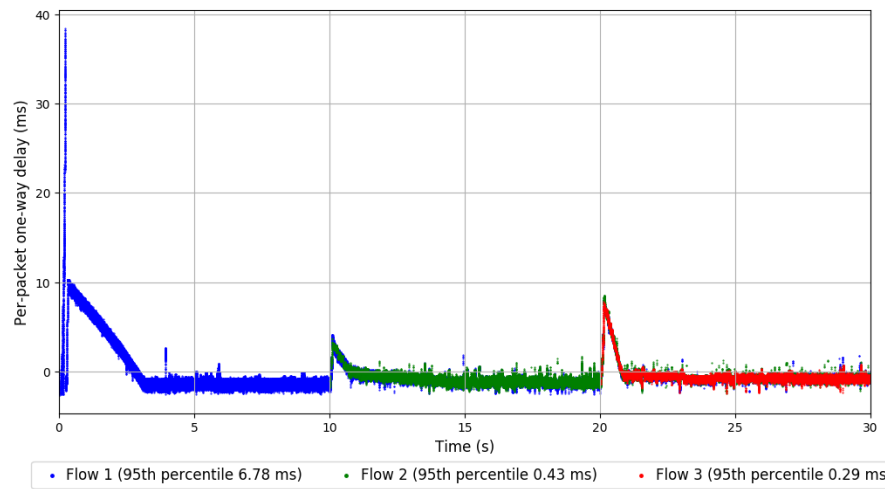
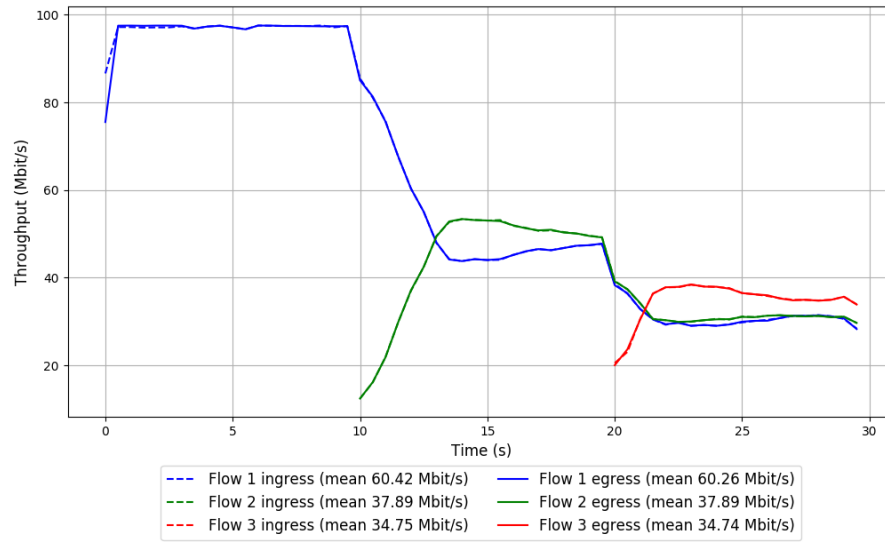


Run 9: Statistics of TCP Vegas

Start at: 2018-02-13 20:18:59
End at: 2018-02-13 20:19:29
Local clock offset: -0.384 ms
Remote clock offset: -30.047 ms

Below is generated by plot.py at 2018-02-13 21:41:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 5.354 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.26 Mbit/s
95th percentile per-packet one-way delay: 6.780 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: 0.426 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.74 Mbit/s
95th percentile per-packet one-way delay: 0.293 ms
Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link

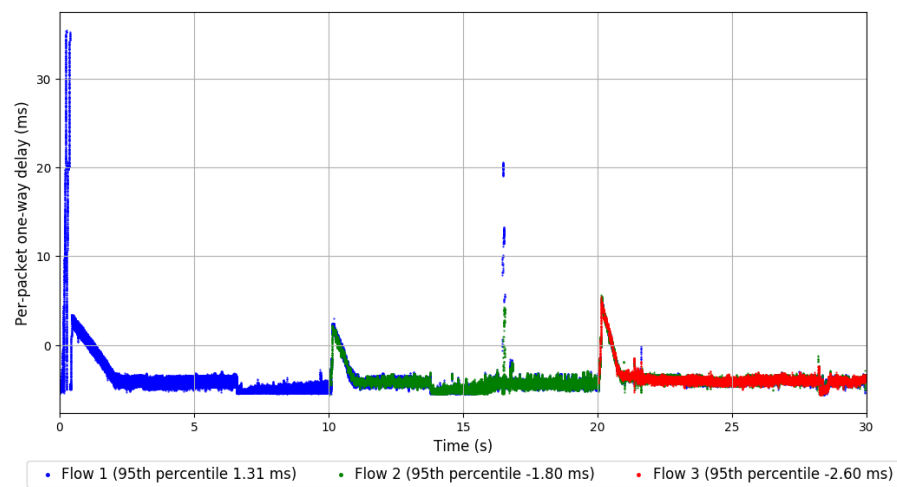
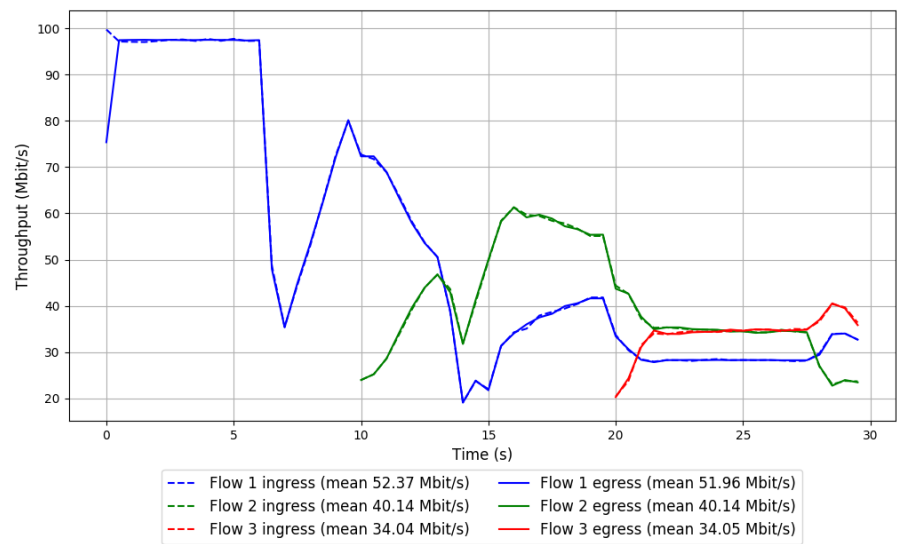


Run 10: Statistics of TCP Vegas

Start at: 2018-02-13 20:42:15
End at: 2018-02-13 20:42:45
Local clock offset: 1.973 ms
Remote clock offset: -27.161 ms

Below is generated by plot.py at 2018-02-13 21:41:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.98 Mbit/s
95th percentile per-packet one-way delay: 0.579 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 51.96 Mbit/s
95th percentile per-packet one-way delay: 1.309 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: -1.804 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.05 Mbit/s
95th percentile per-packet one-way delay: -2.597 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

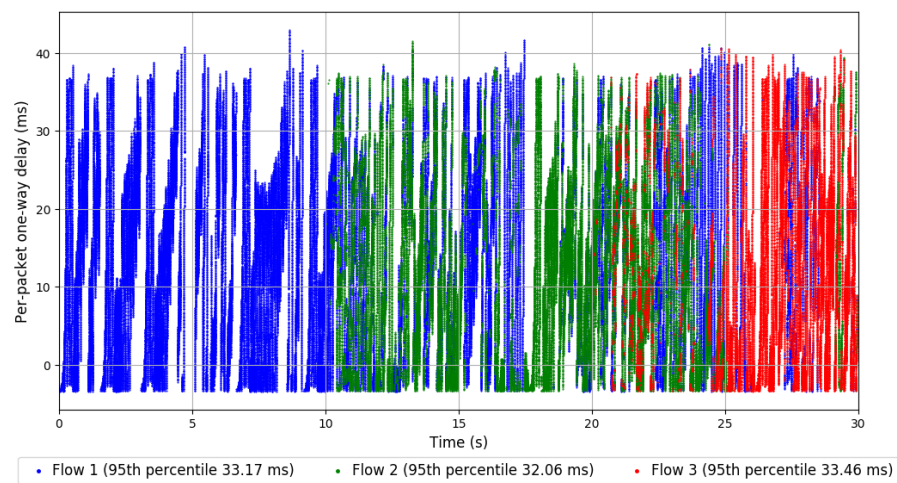
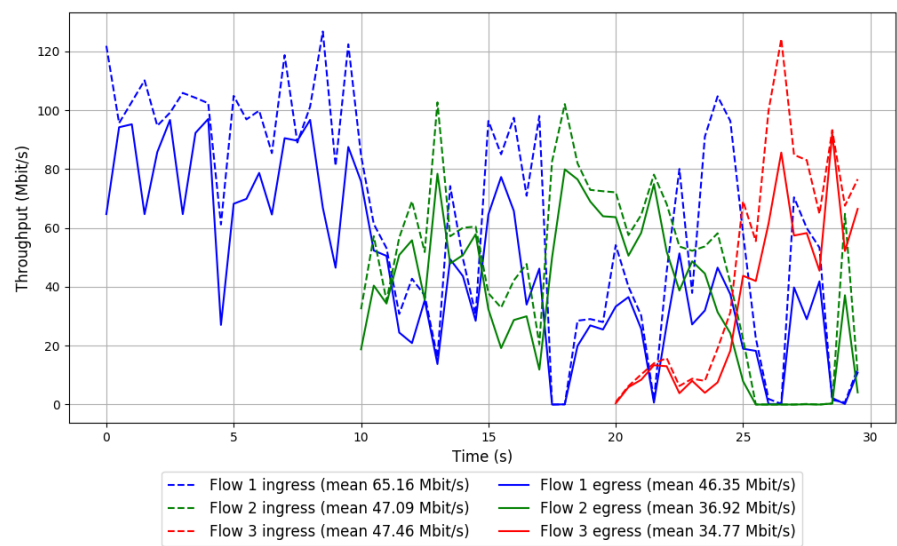


Run 1: Statistics of Verus

Start at: 2018-02-13 17:16:15
End at: 2018-02-13 17:16:45
Local clock offset: -1.302 ms
Remote clock offset: -21.093 ms

Below is generated by plot.py at 2018-02-13 21:41:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 32.923 ms
Loss rate: 26.54%
-- Flow 1:
Average throughput: 46.35 Mbit/s
95th percentile per-packet one-way delay: 33.166 ms
Loss rate: 28.83%
-- Flow 2:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: 32.063 ms
Loss rate: 21.63%
-- Flow 3:
Average throughput: 34.77 Mbit/s
95th percentile per-packet one-way delay: 33.464 ms
Loss rate: 26.81%

Run 1: Report of Verus — Data Link

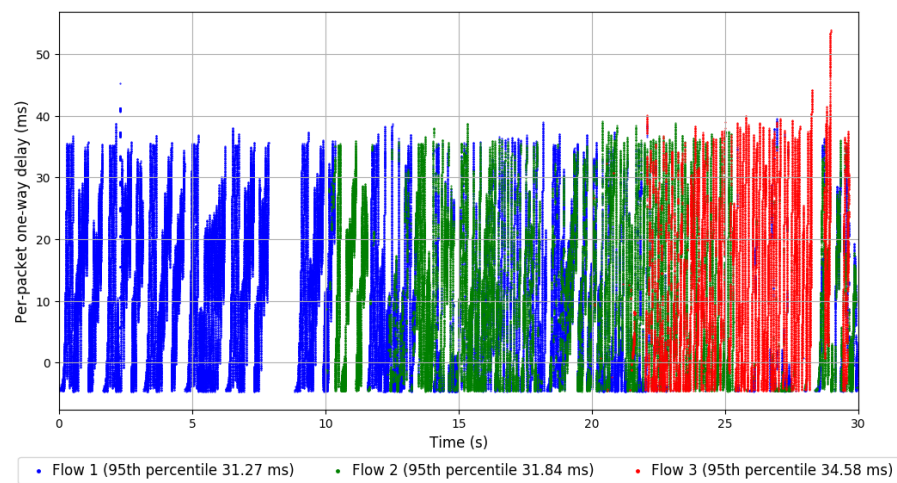
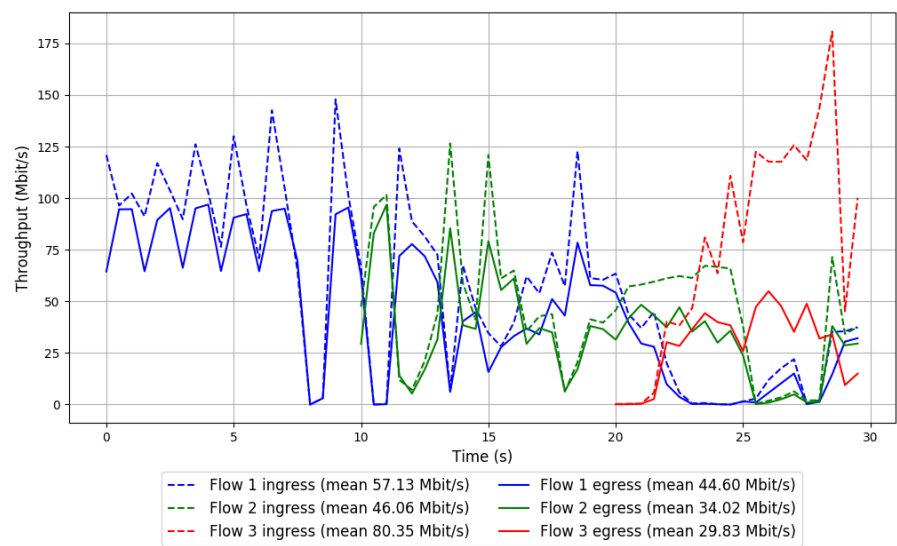


Run 2: Statistics of Verus

Start at: 2018-02-13 17:38:34
End at: 2018-02-13 17:39:04
Local clock offset: 1.296 ms
Remote clock offset: -19.549 ms

Below is generated by plot.py at 2018-02-13 21:41:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.76 Mbit/s
95th percentile per-packet one-way delay: 31.913 ms
Loss rate: 32.33%
-- Flow 1:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 31.272 ms
Loss rate: 21.91%
-- Flow 2:
Average throughput: 34.02 Mbit/s
95th percentile per-packet one-way delay: 31.842 ms
Loss rate: 26.15%
-- Flow 3:
Average throughput: 29.83 Mbit/s
95th percentile per-packet one-way delay: 34.583 ms
Loss rate: 62.87%

Run 2: Report of Verus — Data Link

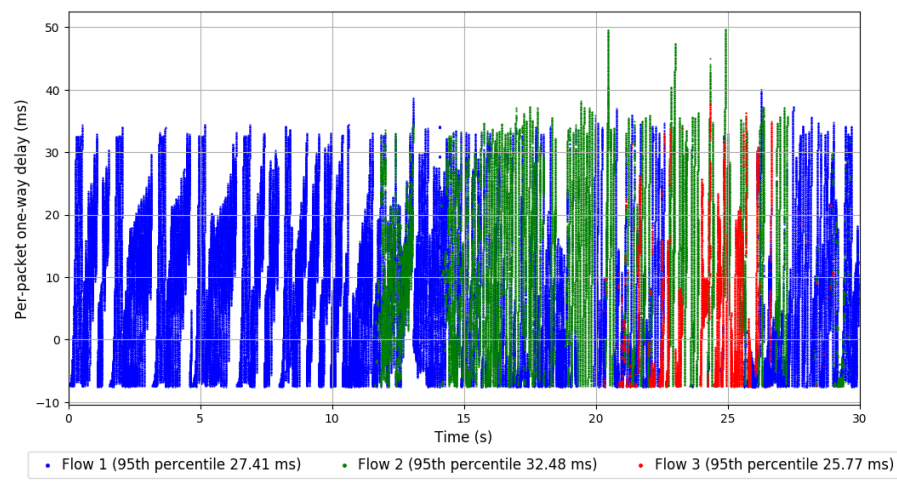
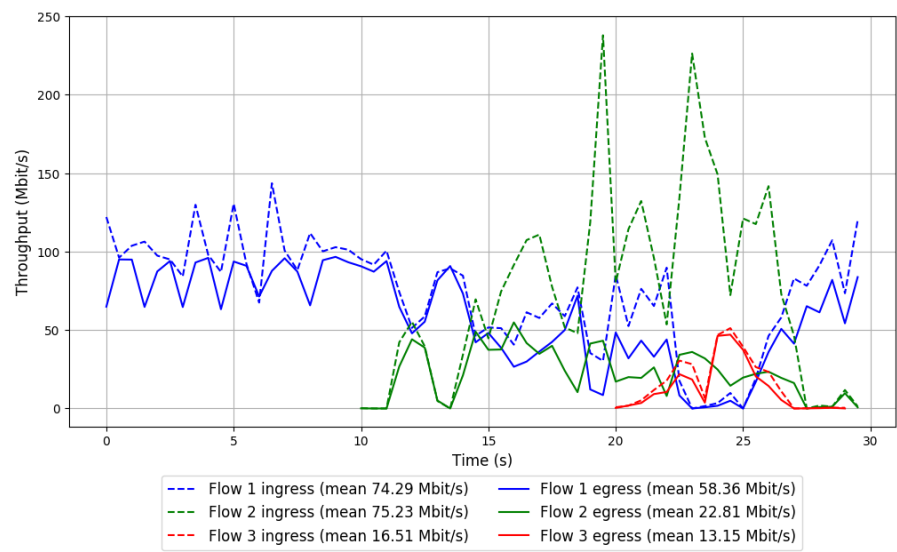


Run 3: Statistics of Verus

Start at: 2018-02-13 18:00:22
End at: 2018-02-13 18:00:52
Local clock offset: 2.767 ms
Remote clock offset: -20.181 ms

Below is generated by plot.py at 2018-02-13 21:42:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.35 Mbit/s
95th percentile per-packet one-way delay: 28.807 ms
Loss rate: 39.88%
-- Flow 1:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 27.409 ms
Loss rate: 21.40%
-- Flow 2:
Average throughput: 22.81 Mbit/s
95th percentile per-packet one-way delay: 32.481 ms
Loss rate: 69.69%
-- Flow 3:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 25.775 ms
Loss rate: 20.23%

Run 3: Report of Verus — Data Link

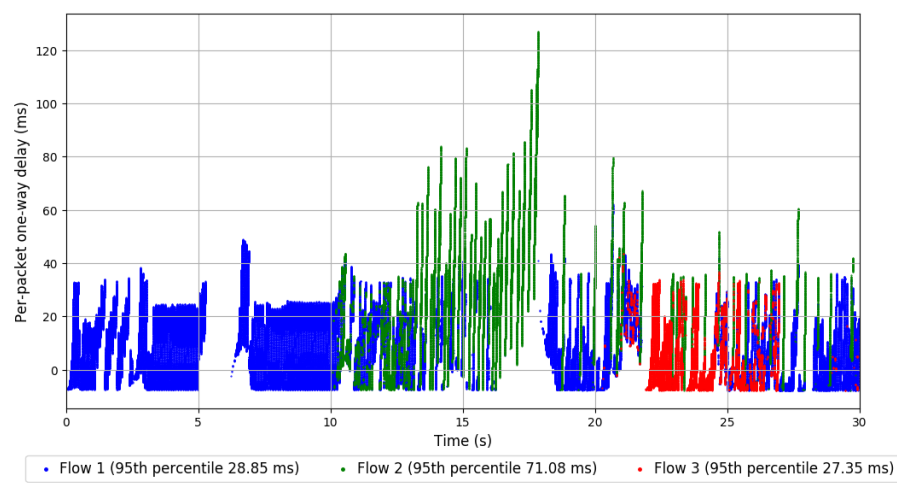
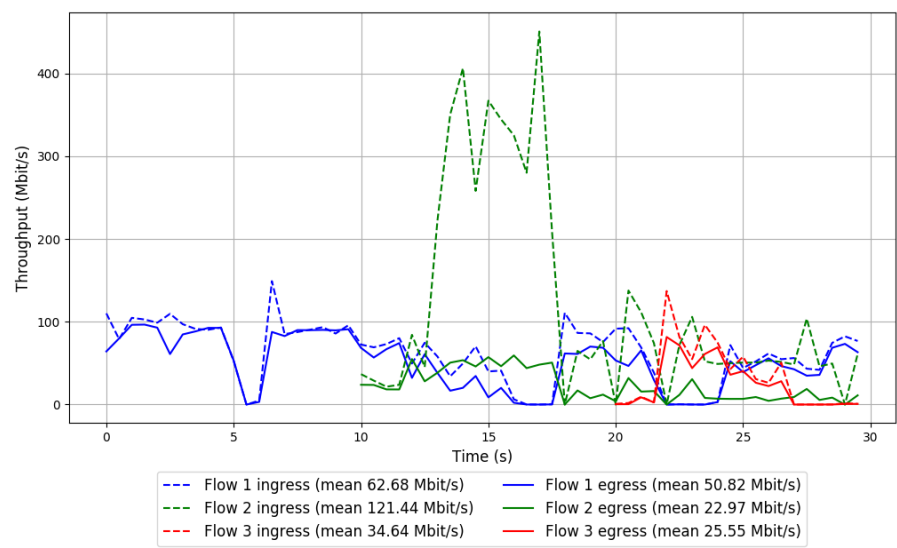


Run 4: Statistics of Verus

Start at: 2018-02-13 18:22:43
End at: 2018-02-13 18:23:13
Local clock offset: 2.2 ms
Remote clock offset: -15.733 ms

Below is generated by plot.py at 2018-02-13 21:42:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 42.197 ms
Loss rate: 51.83%
-- Flow 1:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: 28.849 ms
Loss rate: 18.85%
-- Flow 2:
Average throughput: 22.97 Mbit/s
95th percentile per-packet one-way delay: 71.083 ms
Loss rate: 81.10%
-- Flow 3:
Average throughput: 25.55 Mbit/s
95th percentile per-packet one-way delay: 27.348 ms
Loss rate: 26.25%

Run 4: Report of Verus — Data Link

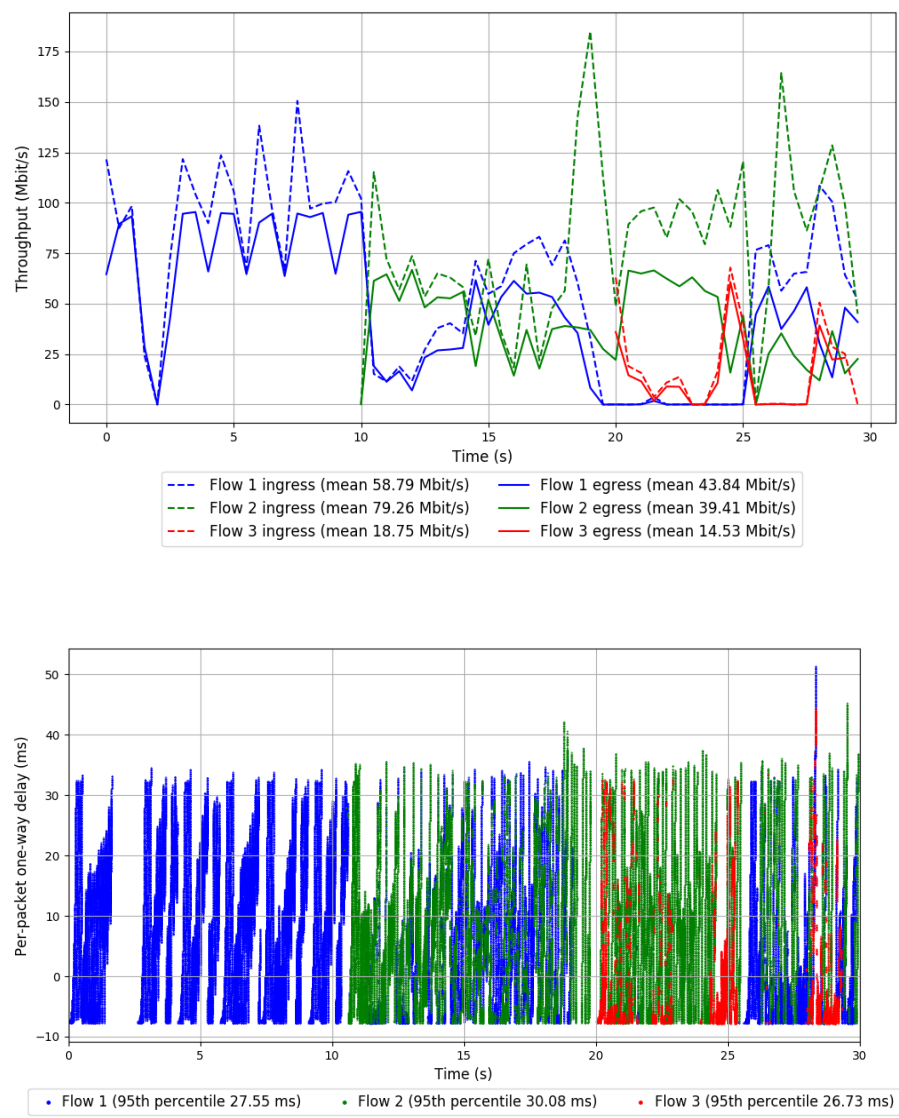


Run 5: Statistics of Verus

Start at: 2018-02-13 18:44:49
End at: 2018-02-13 18:45:19
Local clock offset: 4.95 ms
Remote clock offset: -7.879 ms

```
# Below is generated by plot.py at 2018-02-13 21:42:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.45 Mbit/s
95th percentile per-packet one-way delay: 28.480 ms
Loss rate: 36.58%
-- Flow 1:
Average throughput: 43.84 Mbit/s
95th percentile per-packet one-way delay: 27.553 ms
Loss rate: 25.58%
-- Flow 2:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 30.078 ms
Loss rate: 50.30%
-- Flow 3:
Average throughput: 14.53 Mbit/s
95th percentile per-packet one-way delay: 26.728 ms
Loss rate: 23.96%
```

Run 5: Report of Verus — Data Link

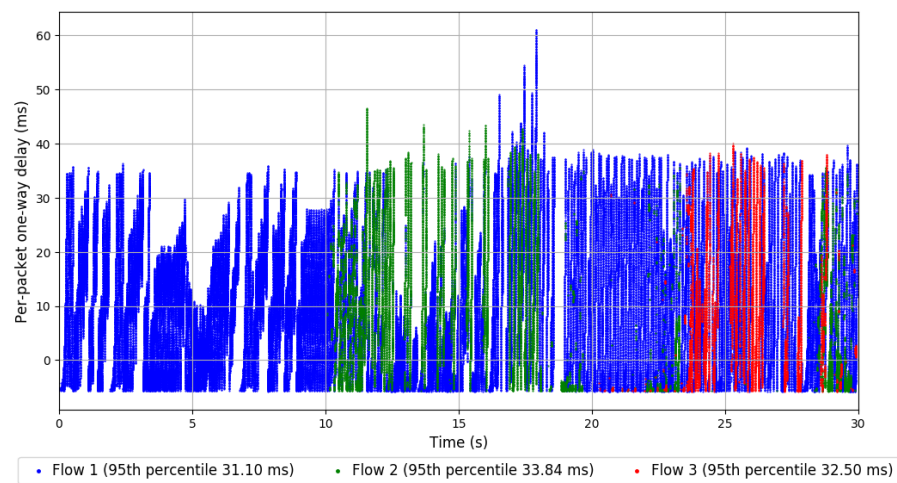
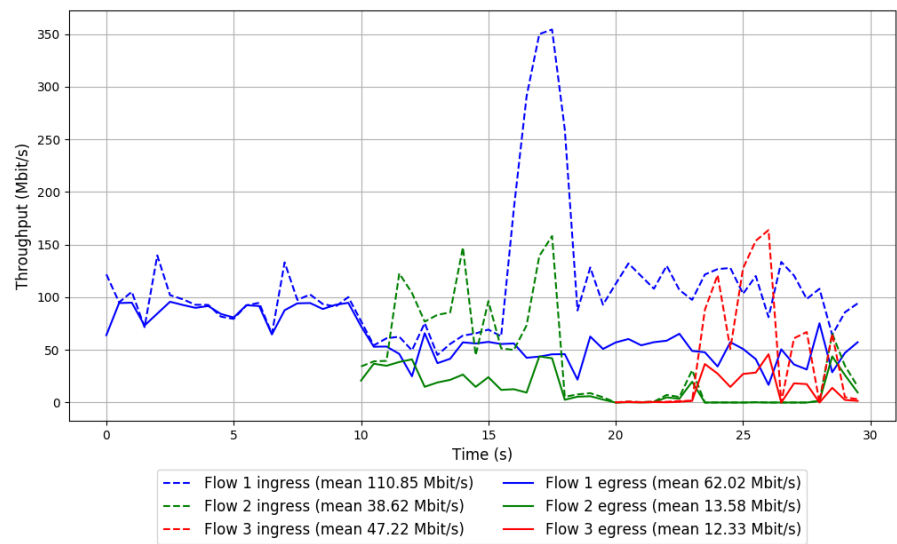


Run 6: Statistics of Verus

Start at: 2018-02-13 19:07:37
End at: 2018-02-13 19:08:07
Local clock offset: 3.147 ms
Remote clock offset: -3.586 ms

Below is generated by plot.py at 2018-02-13 21:42:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.02 Mbit/s
95th percentile per-packet one-way delay: 31.651 ms
Loss rate: 50.52%
-- Flow 1:
Average throughput: 62.02 Mbit/s
95th percentile per-packet one-way delay: 31.098 ms
Loss rate: 43.99%
-- Flow 2:
Average throughput: 13.58 Mbit/s
95th percentile per-packet one-way delay: 33.840 ms
Loss rate: 64.80%
-- Flow 3:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 32.499 ms
Loss rate: 73.96%

Run 6: Report of Verus — Data Link

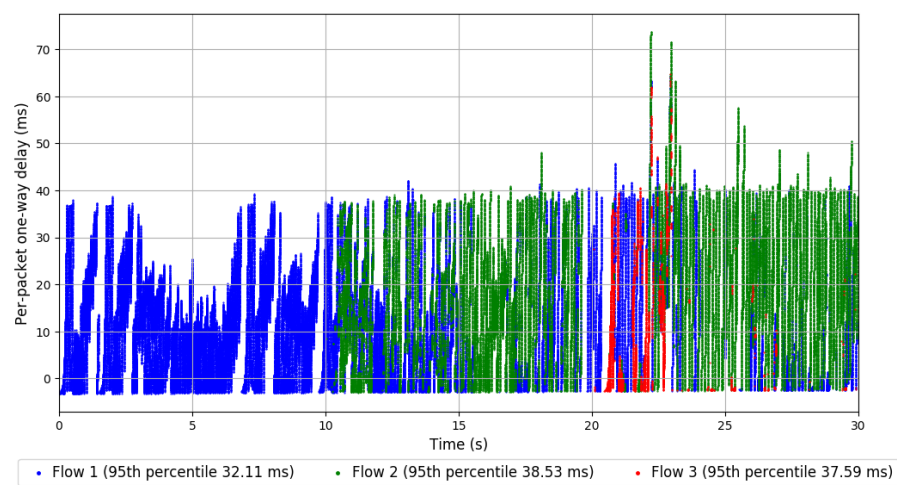
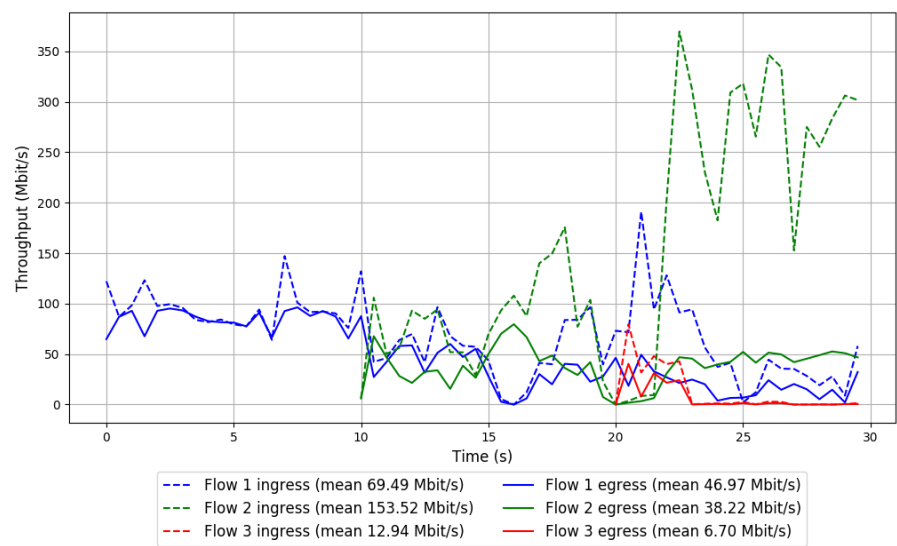


Run 7: Statistics of Verus

Start at: 2018-02-13 19:30:08
End at: 2018-02-13 19:30:38
Local clock offset: 1.902 ms
Remote clock offset: -7.249 ms

Below is generated by plot.py at 2018-02-13 21:43:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.59 Mbit/s
95th percentile per-packet one-way delay: 35.422 ms
Loss rate: 57.55%
-- Flow 1:
Average throughput: 46.97 Mbit/s
95th percentile per-packet one-way delay: 32.107 ms
Loss rate: 32.33%
-- Flow 2:
Average throughput: 38.22 Mbit/s
95th percentile per-packet one-way delay: 38.535 ms
Loss rate: 75.08%
-- Flow 3:
Average throughput: 6.70 Mbit/s
95th percentile per-packet one-way delay: 37.593 ms
Loss rate: 48.49%

Run 7: Report of Verus — Data Link

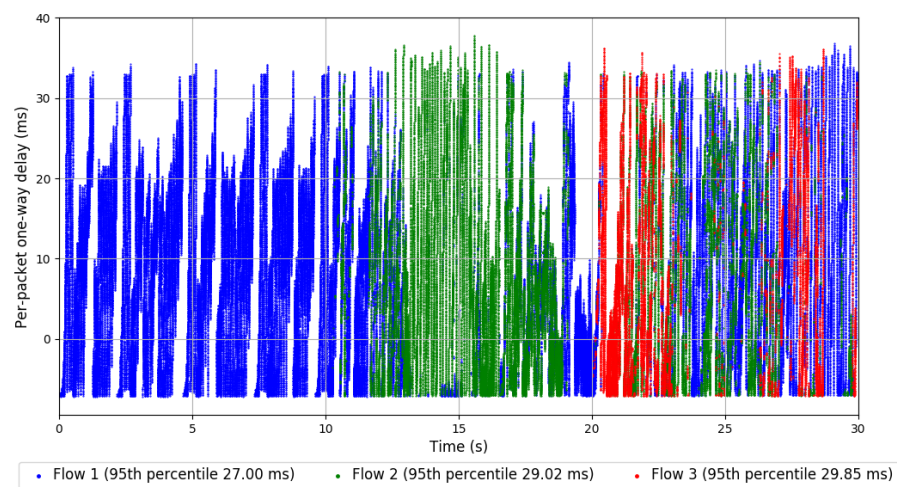
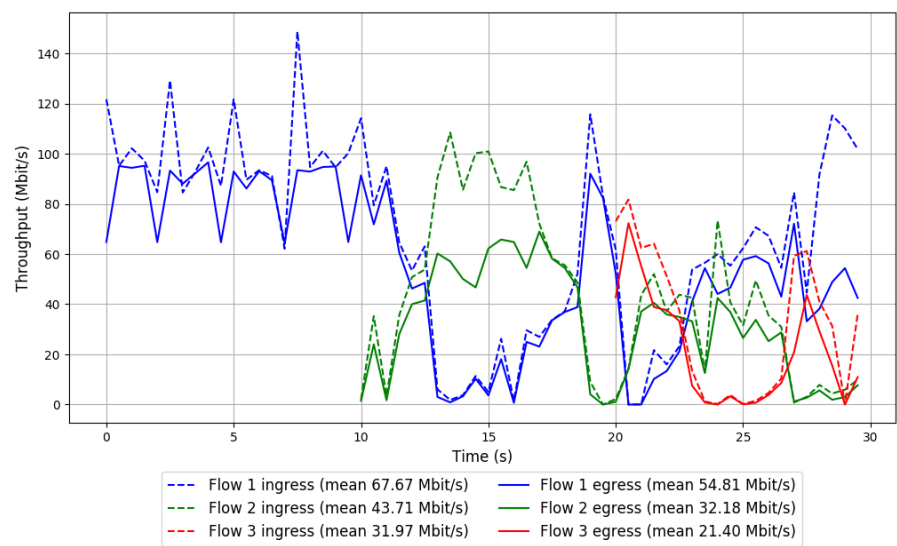


Run 8: Statistics of Verus

Start at: 2018-02-13 19:52:47
End at: 2018-02-13 19:53:17
Local clock offset: 5.306 ms
Remote clock offset: -23.914 ms

Below is generated by plot.py at 2018-02-13 21:43:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.86 Mbit/s
95th percentile per-packet one-way delay: 27.931 ms
Loss rate: 22.50%
-- Flow 1:
Average throughput: 54.81 Mbit/s
95th percentile per-packet one-way delay: 27.001 ms
Loss rate: 18.91%
-- Flow 2:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 29.021 ms
Loss rate: 27.06%
-- Flow 3:
Average throughput: 21.40 Mbit/s
95th percentile per-packet one-way delay: 29.852 ms
Loss rate: 33.00%

Run 8: Report of Verus — Data Link

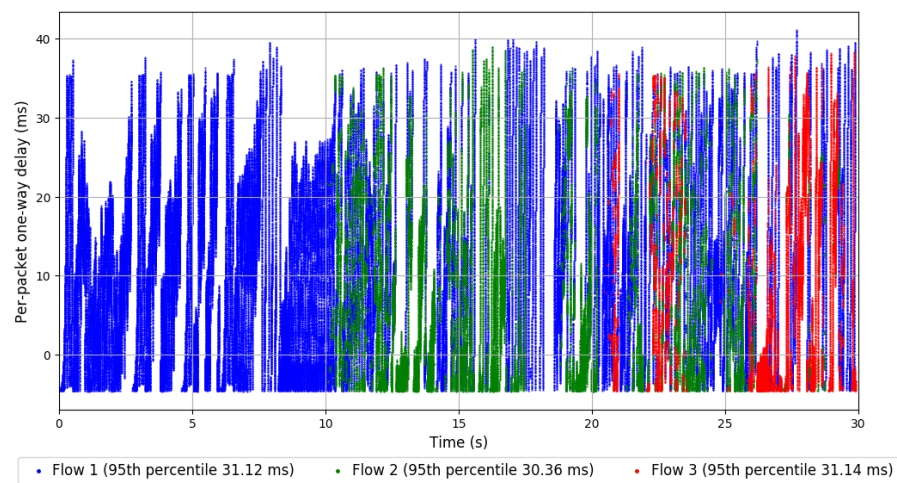
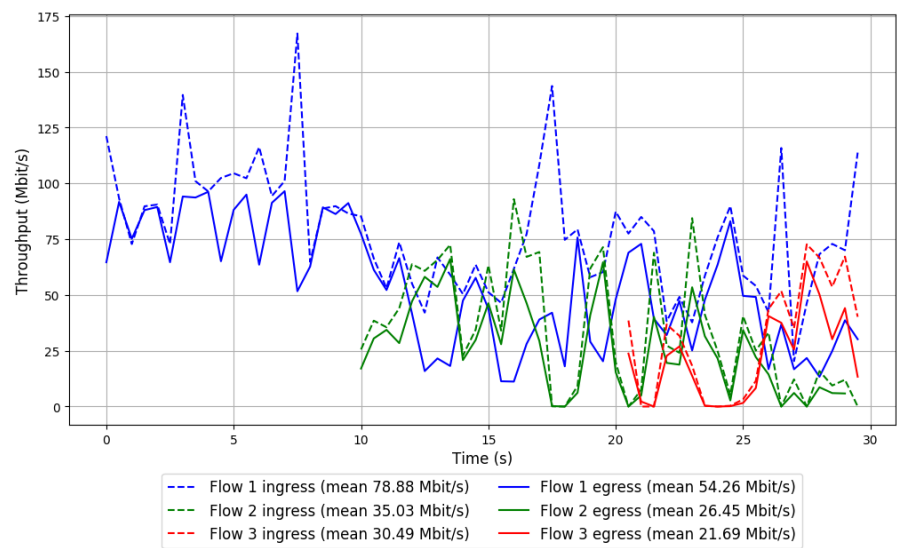


Run 9: Statistics of Verus

Start at: 2018-02-13 20:15:25
End at: 2018-02-13 20:15:55
Local clock offset: 1.909 ms
Remote clock offset: -29.172 ms

Below is generated by plot.py at 2018-02-13 21:43:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.00 Mbit/s
95th percentile per-packet one-way delay: 30.975 ms
Loss rate: 30.06%
-- Flow 1:
Average throughput: 54.26 Mbit/s
95th percentile per-packet one-way delay: 31.125 ms
Loss rate: 31.18%
-- Flow 2:
Average throughput: 26.45 Mbit/s
95th percentile per-packet one-way delay: 30.356 ms
Loss rate: 26.70%
-- Flow 3:
Average throughput: 21.69 Mbit/s
95th percentile per-packet one-way delay: 31.140 ms
Loss rate: 28.96%

Run 9: Report of Verus — Data Link

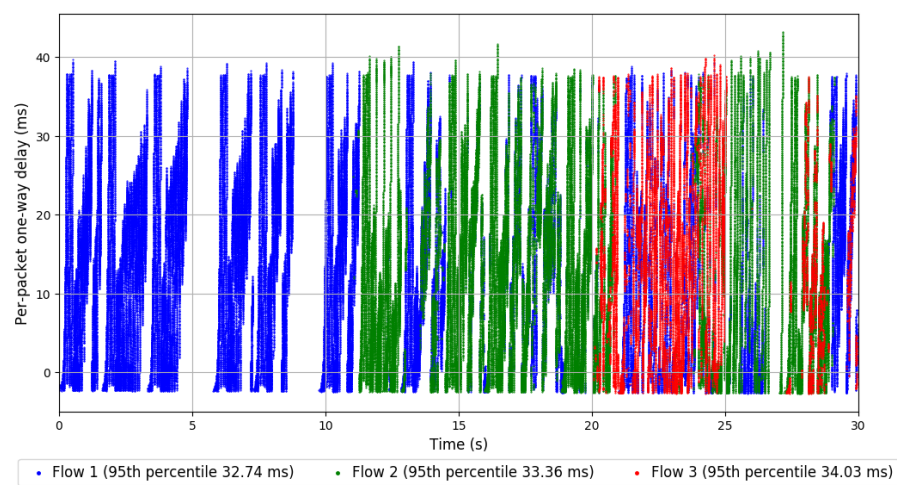
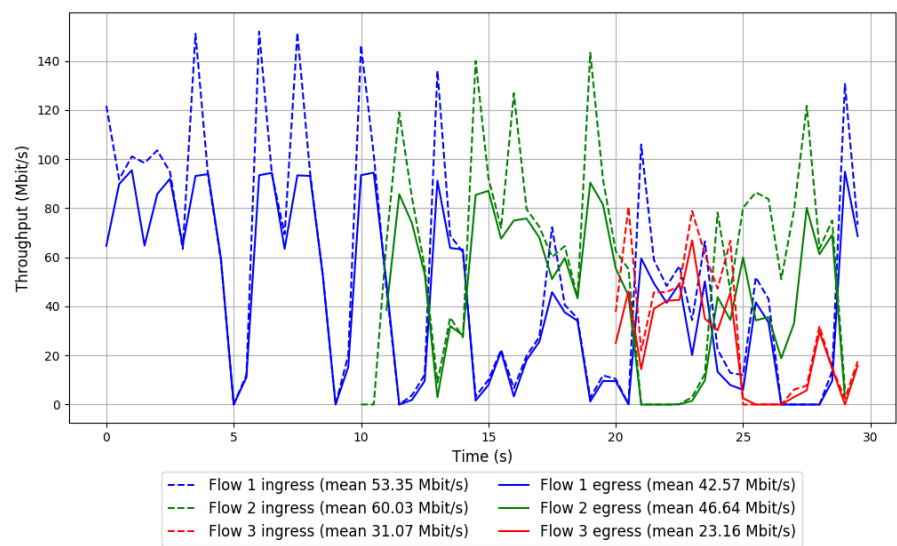


Run 10: Statistics of Verus

Start at: 2018-02-13 20:38:47
End at: 2018-02-13 20:39:17
Local clock offset: -0.875 ms
Remote clock offset: -29.004 ms

Below is generated by plot.py at 2018-02-13 21:43:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.34 Mbit/s
95th percentile per-packet one-way delay: 33.129 ms
Loss rate: 23.07%
-- Flow 1:
Average throughput: 42.57 Mbit/s
95th percentile per-packet one-way delay: 32.741 ms
Loss rate: 20.19%
-- Flow 2:
Average throughput: 46.64 Mbit/s
95th percentile per-packet one-way delay: 33.357 ms
Loss rate: 26.45%
-- Flow 3:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 34.027 ms
Loss rate: 25.45%

Run 10: Report of Verus — Data Link

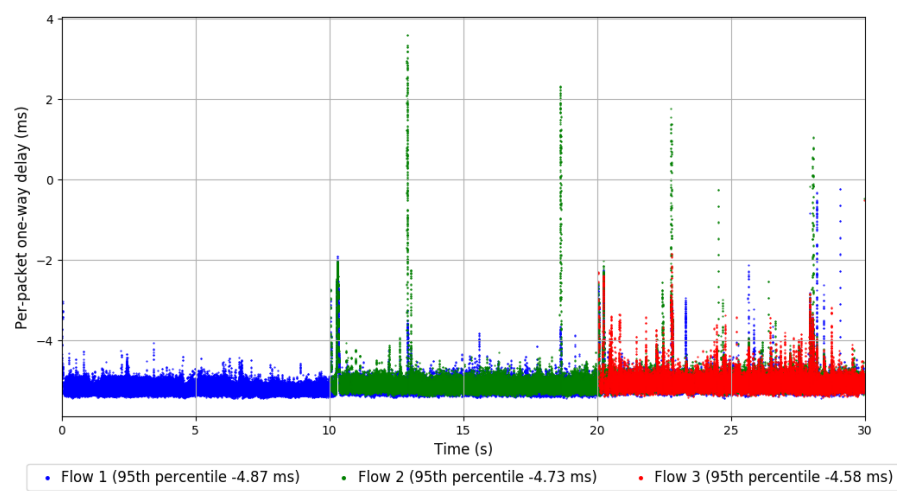
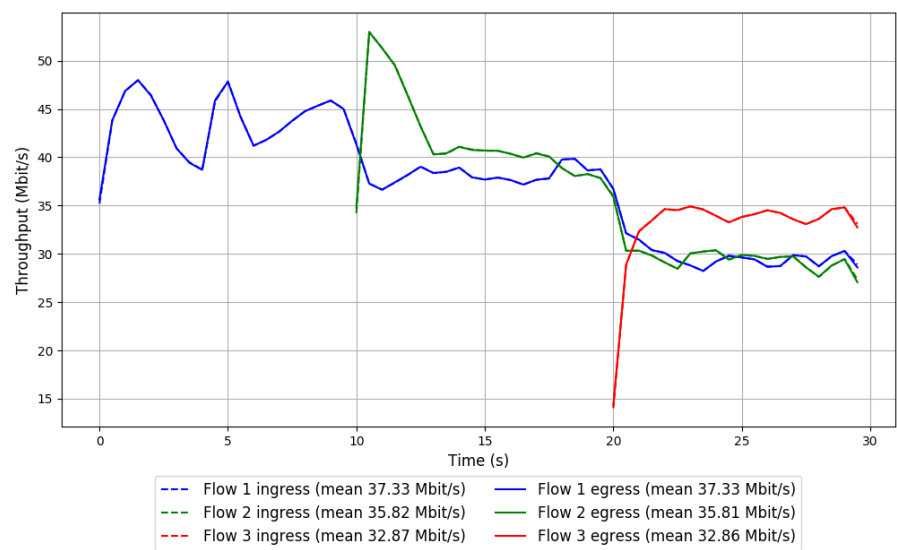


Run 1: Statistics of Copa

Start at: 2018-02-13 17:27:13
End at: 2018-02-13 17:27:43
Local clock offset: 1.438 ms
Remote clock offset: -20.202 ms

Below is generated by plot.py at 2018-02-13 21:44:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.09 Mbit/s
95th percentile per-packet one-way delay: -4.777 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.33 Mbit/s
95th percentile per-packet one-way delay: -4.869 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: -4.733 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.86 Mbit/s
95th percentile per-packet one-way delay: -4.581 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

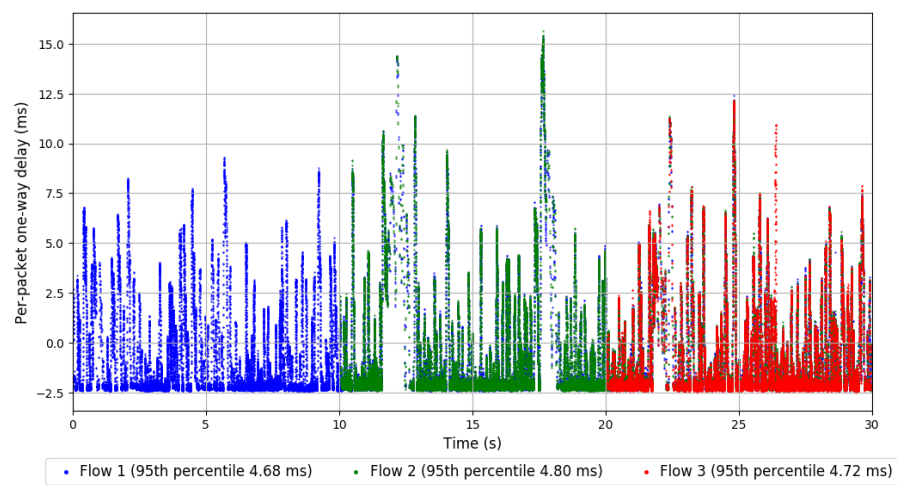
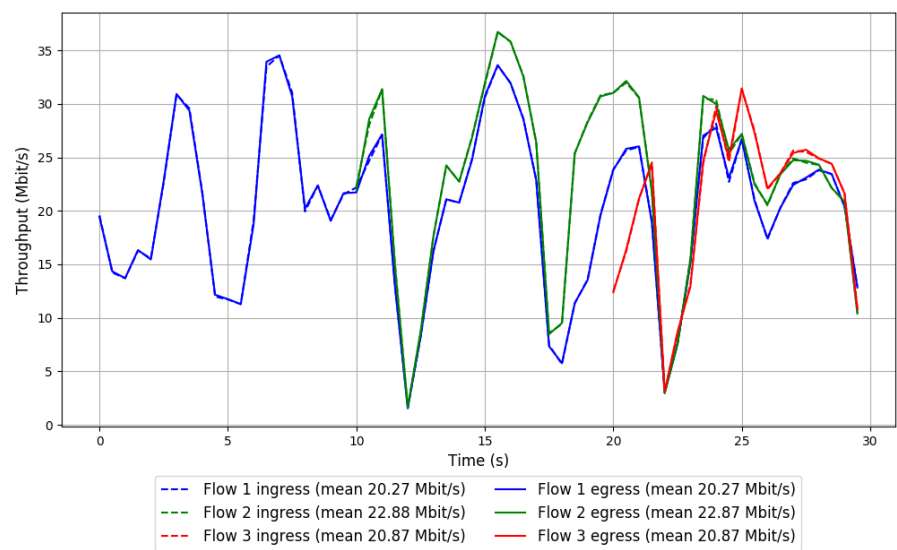


Run 2: Statistics of Copa

Start at: 2018-02-13 17:49:15
End at: 2018-02-13 17:49:45
Local clock offset: 0.366 ms
Remote clock offset: -18.265 ms

Below is generated by plot.py at 2018-02-13 21:44:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.42 Mbit/s
95th percentile per-packet one-way delay: 4.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 4.682 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.87 Mbit/s
95th percentile per-packet one-way delay: 4.801 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.87 Mbit/s
95th percentile per-packet one-way delay: 4.720 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

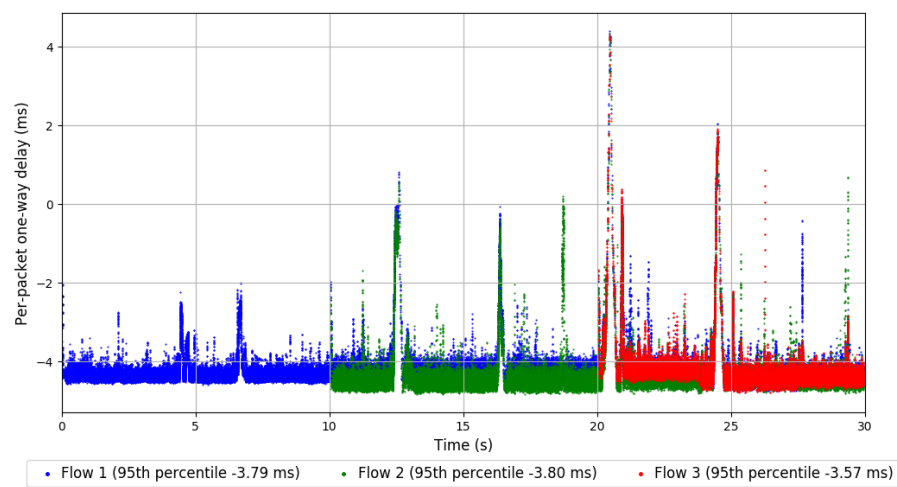
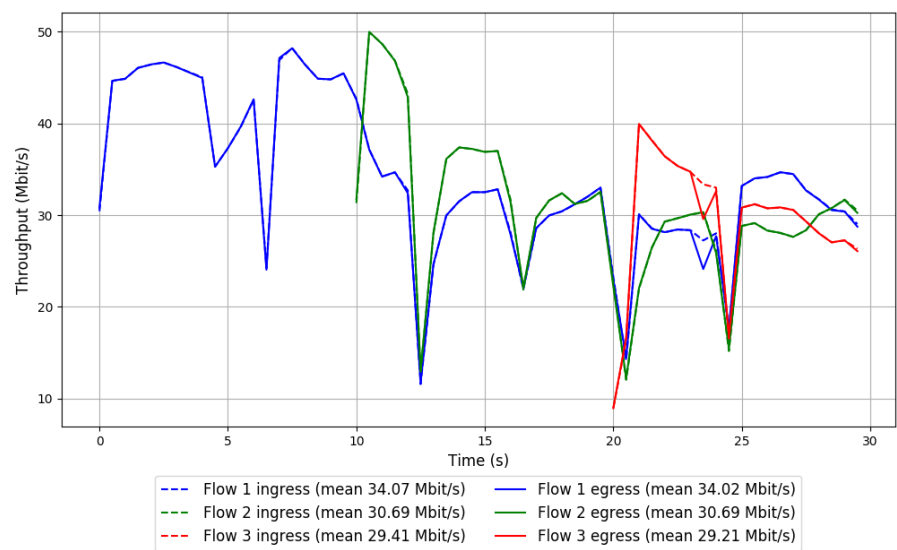


Run 3: Statistics of Copa

Start at: 2018-02-13 18:11:09
End at: 2018-02-13 18:11:39
Local clock offset: 3.028 ms
Remote clock offset: -17.503 ms

Below is generated by plot.py at 2018-02-13 21:44:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.15 Mbit/s
95th percentile per-packet one-way delay: -3.756 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 34.02 Mbit/s
95th percentile per-packet one-way delay: -3.795 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: -3.802 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.21 Mbit/s
95th percentile per-packet one-way delay: -3.566 ms
Loss rate: 0.65%

Run 3: Report of Copa — Data Link

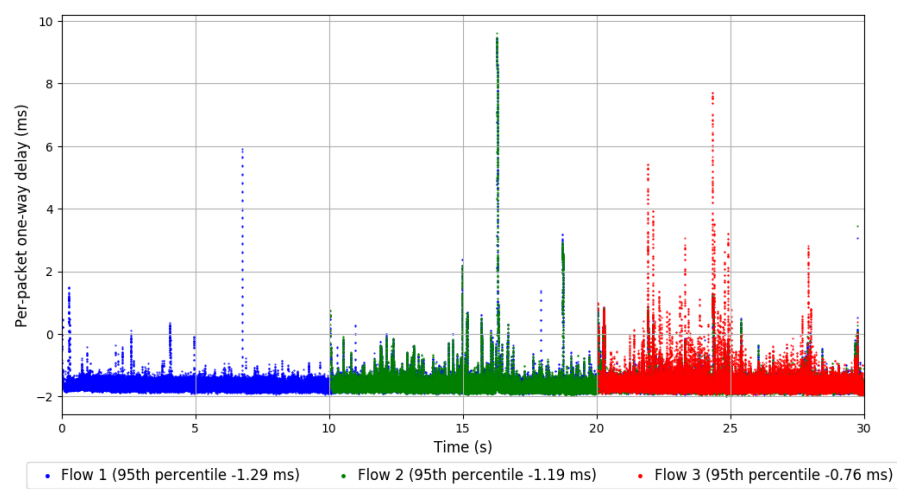
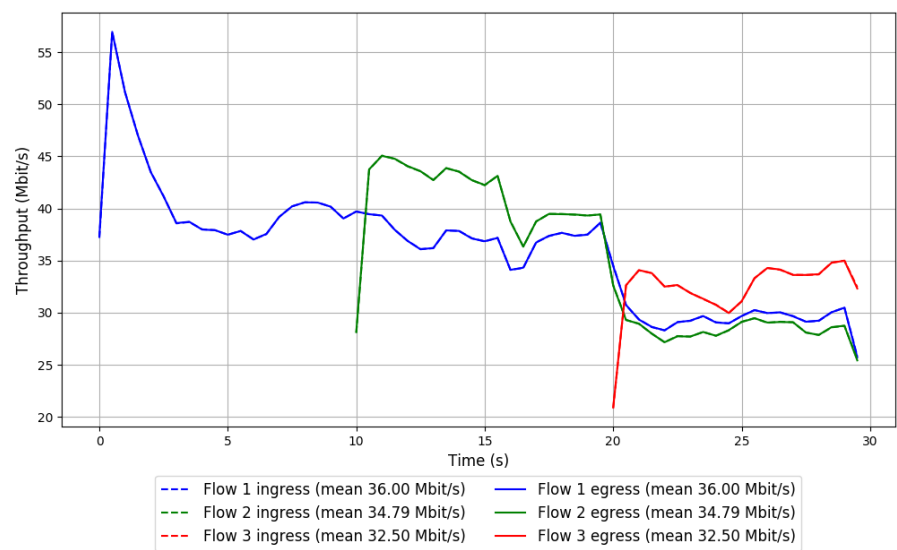


Run 4: Statistics of Copa

Start at: 2018-02-13 18:33:44
End at: 2018-02-13 18:34:14
Local clock offset: -0.141 ms
Remote clock offset: -8.998 ms

```
# Below is generated by plot.py at 2018-02-13 21:44:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.96 Mbit/s
95th percentile per-packet one-way delay: -1.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.00 Mbit/s
95th percentile per-packet one-way delay: -1.291 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.79 Mbit/s
95th percentile per-packet one-way delay: -1.186 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: -0.759 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

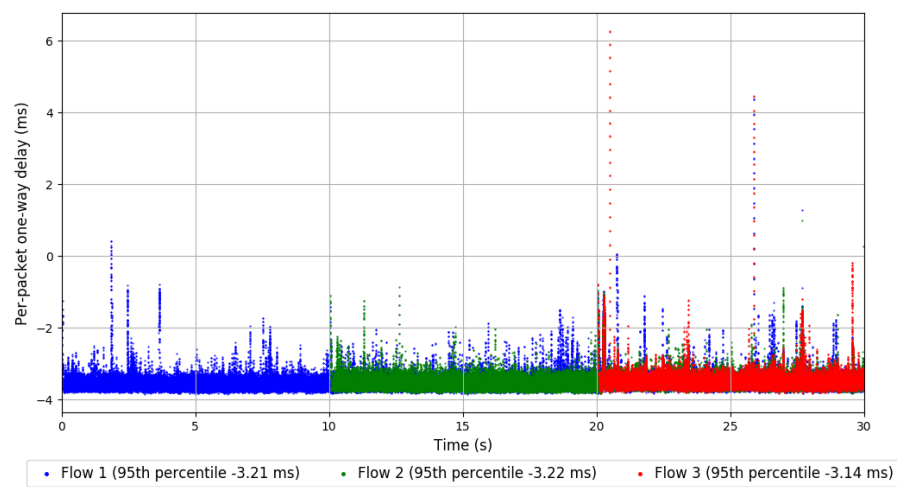
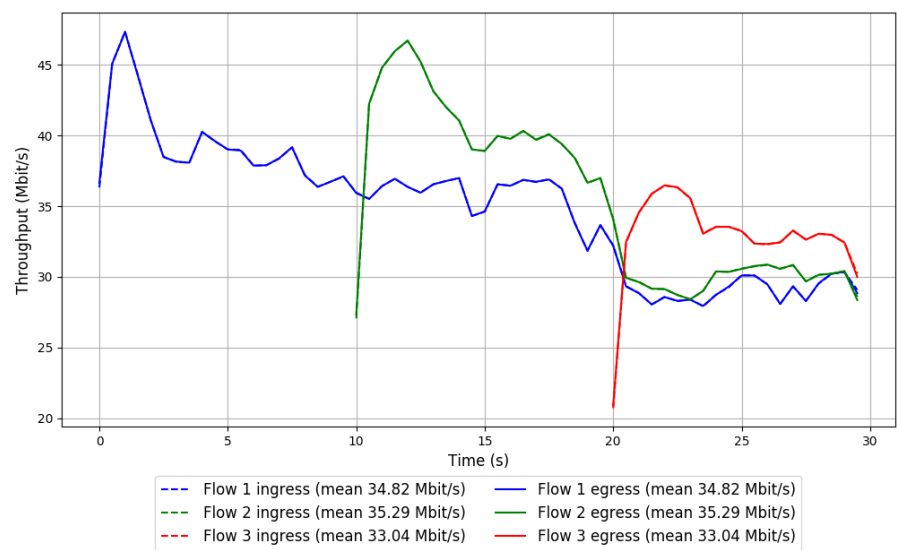


Run 5: Statistics of Copa

Start at: 2018-02-13 18:55:53
End at: 2018-02-13 18:56:23
Local clock offset: 3.1 ms
Remote clock offset: -4.029 ms

Below is generated by plot.py at 2018-02-13 21:44:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.28 Mbit/s
95th percentile per-packet one-way delay: -3.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.82 Mbit/s
95th percentile per-packet one-way delay: -3.208 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: -3.220 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: -3.143 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

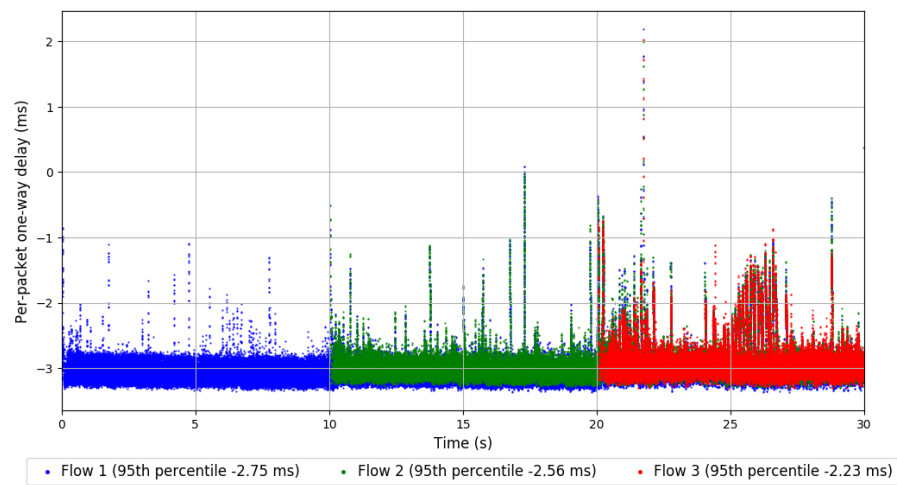
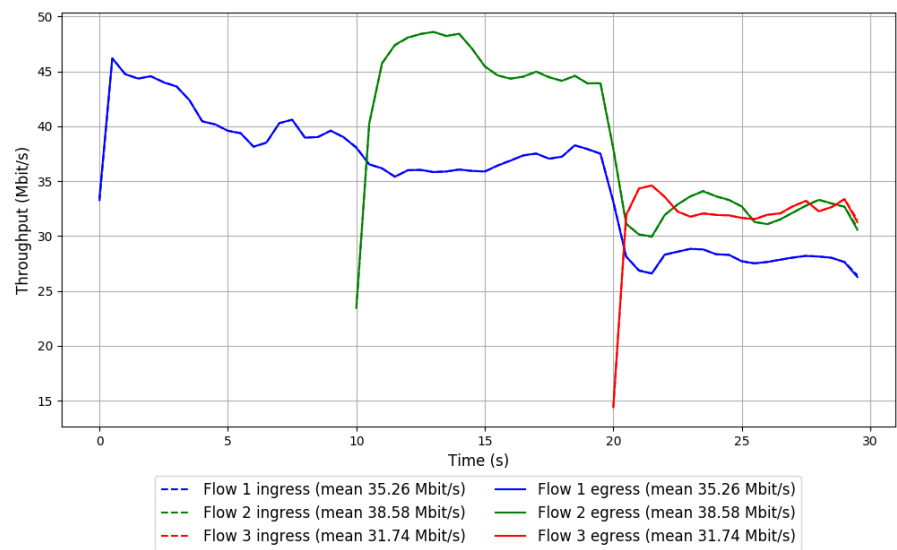


Run 6: Statistics of Copa

Start at: 2018-02-13 19:18:43
End at: 2018-02-13 19:19:13
Local clock offset: 0.11 ms
Remote clock offset: -2.506 ms

Below is generated by plot.py at 2018-02-13 21:44:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.48 Mbit/s
95th percentile per-packet one-way delay: -2.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: -2.754 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.58 Mbit/s
95th percentile per-packet one-way delay: -2.559 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: -2.232 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

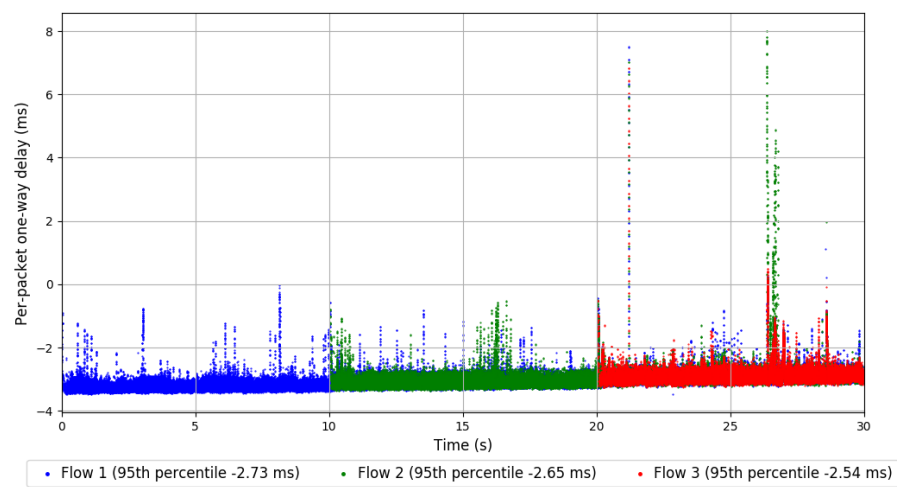
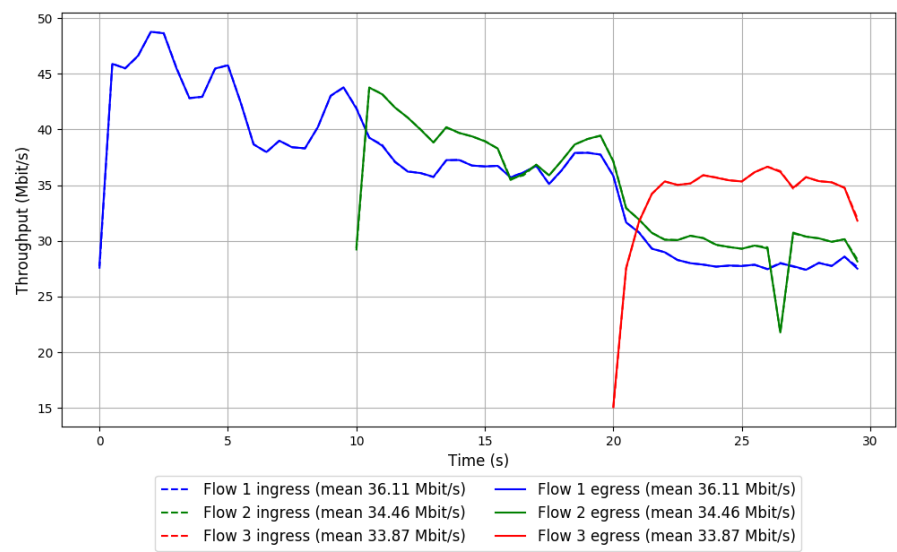


Run 7: Statistics of Copa

Start at: 2018-02-13 19:41:15
End at: 2018-02-13 19:41:45
Local clock offset: 1.665 ms
Remote clock offset: -18.823 ms

Below is generated by plot.py at 2018-02-13 21:44:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.29 Mbit/s
95th percentile per-packet one-way delay: -2.665 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: -2.731 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.46 Mbit/s
95th percentile per-packet one-way delay: -2.649 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.87 Mbit/s
95th percentile per-packet one-way delay: -2.542 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

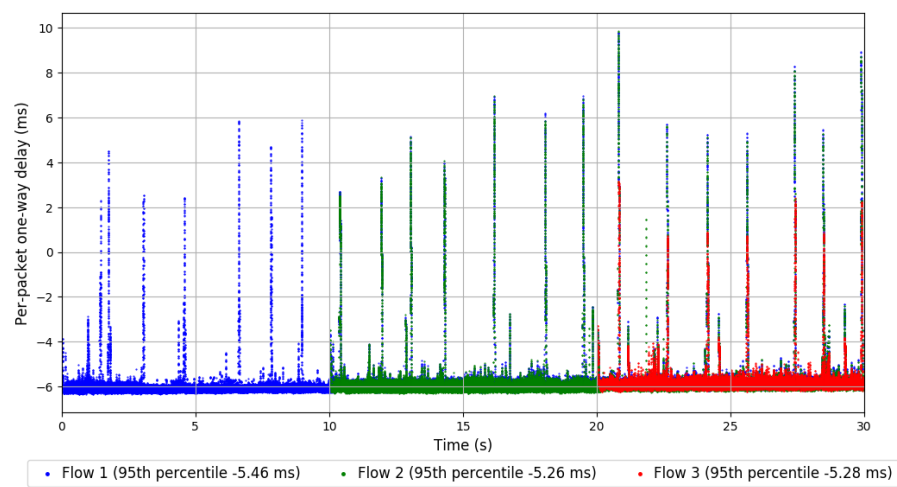
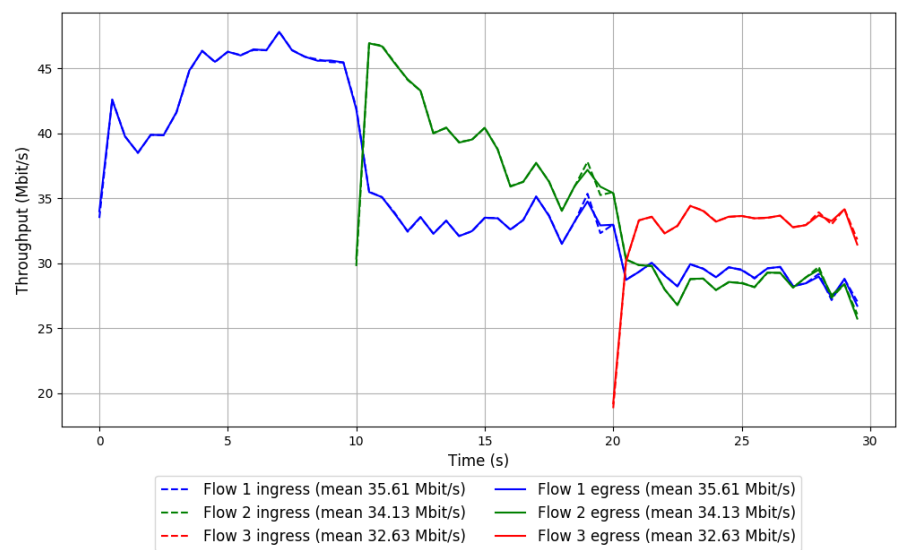


Run 8: Statistics of Copa

Start at: 2018-02-13 20:03:48
End at: 2018-02-13 20:04:18
Local clock offset: 4.495 ms
Remote clock offset: -26.608 ms

Below is generated by plot.py at 2018-02-13 21:44:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: -5.376 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.61 Mbit/s
95th percentile per-packet one-way delay: -5.465 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.13 Mbit/s
95th percentile per-packet one-way delay: -5.263 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.63 Mbit/s
95th percentile per-packet one-way delay: -5.283 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

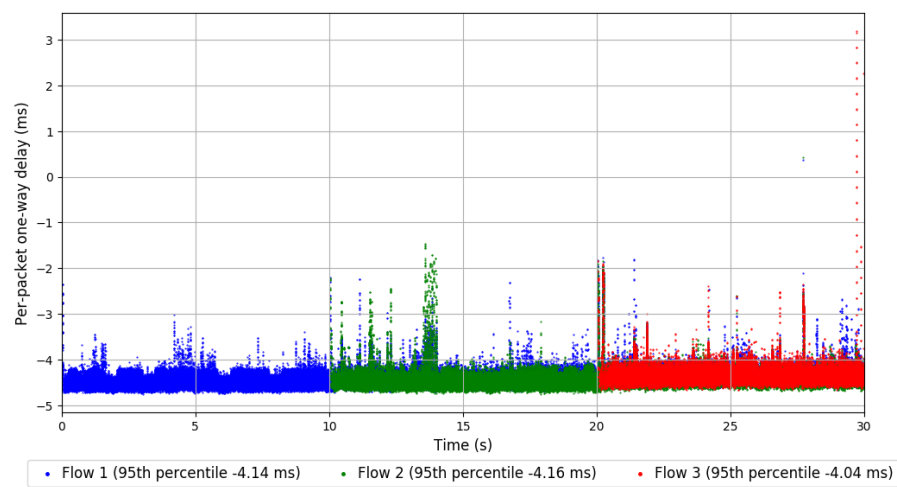
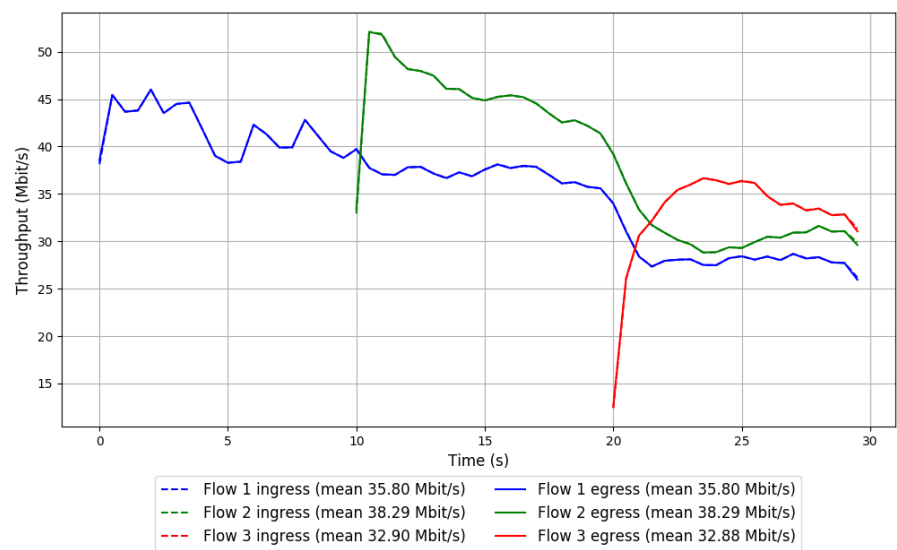


Run 9: Statistics of Copa

Start at: 2018-02-13 20:26:36
End at: 2018-02-13 20:27:06
Local clock offset: 2.752 ms
Remote clock offset: -30.552 ms

Below is generated by plot.py at 2018-02-13 21:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: -4.128 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: -4.145 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: -4.162 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.88 Mbit/s
95th percentile per-packet one-way delay: -4.042 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

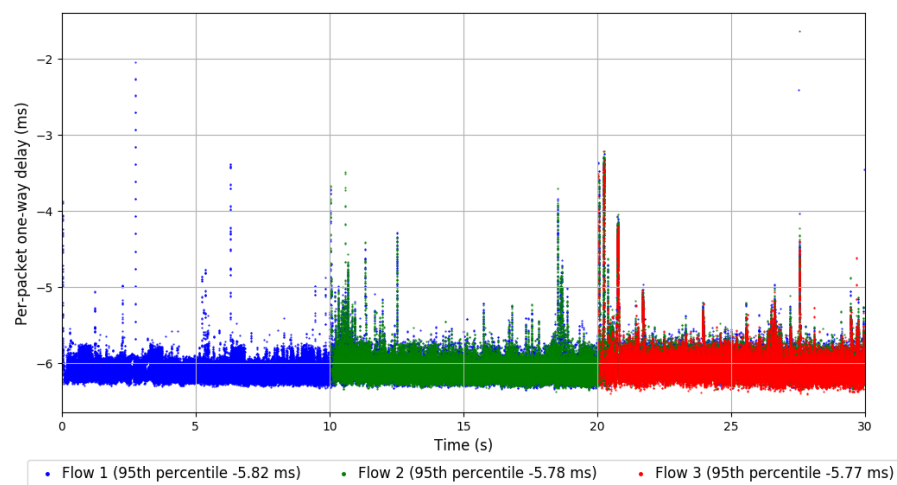
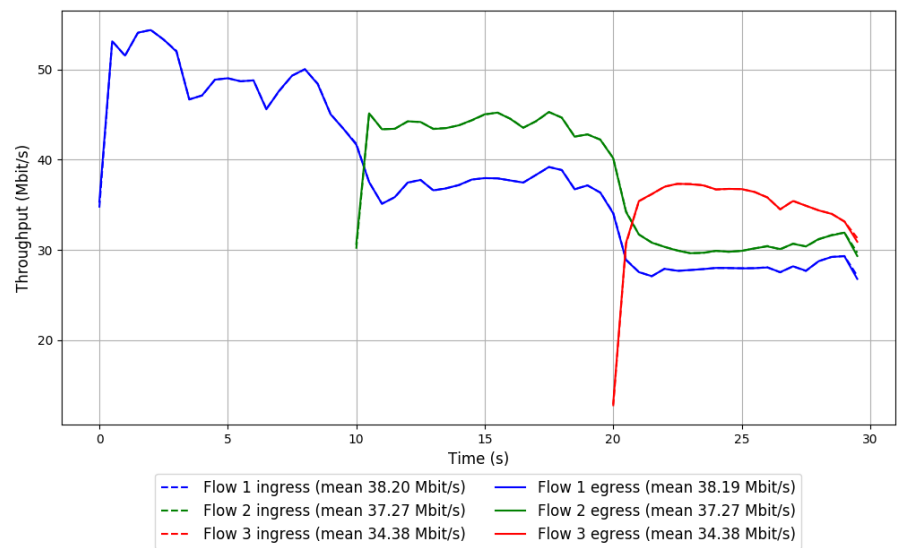


Run 10: Statistics of Copa

Start at: 2018-02-13 20:49:38
End at: 2018-02-13 20:50:08
Local clock offset: 1.256 ms
Remote clock offset: -26.989 ms

Below is generated by plot.py at 2018-02-13 21:46:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: -5.800 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.19 Mbit/s
95th percentile per-packet one-way delay: -5.824 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.27 Mbit/s
95th percentile per-packet one-way delay: -5.776 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.38 Mbit/s
95th percentile per-packet one-way delay: -5.767 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

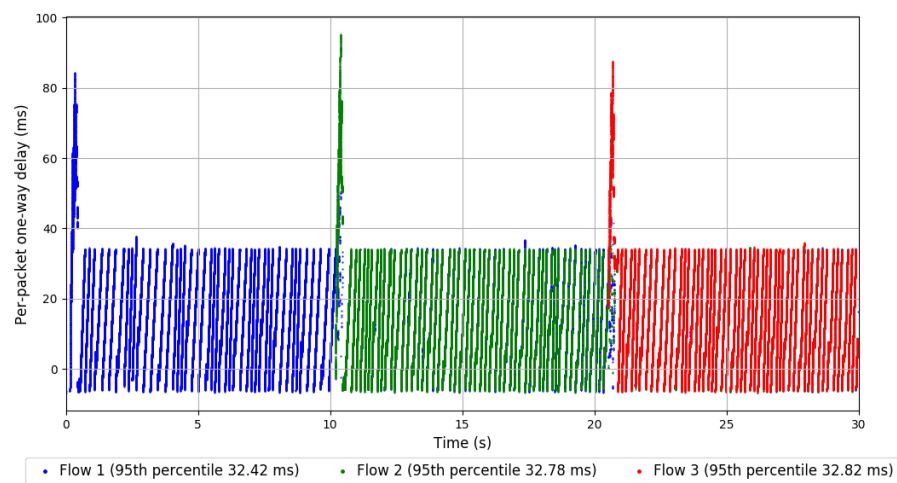
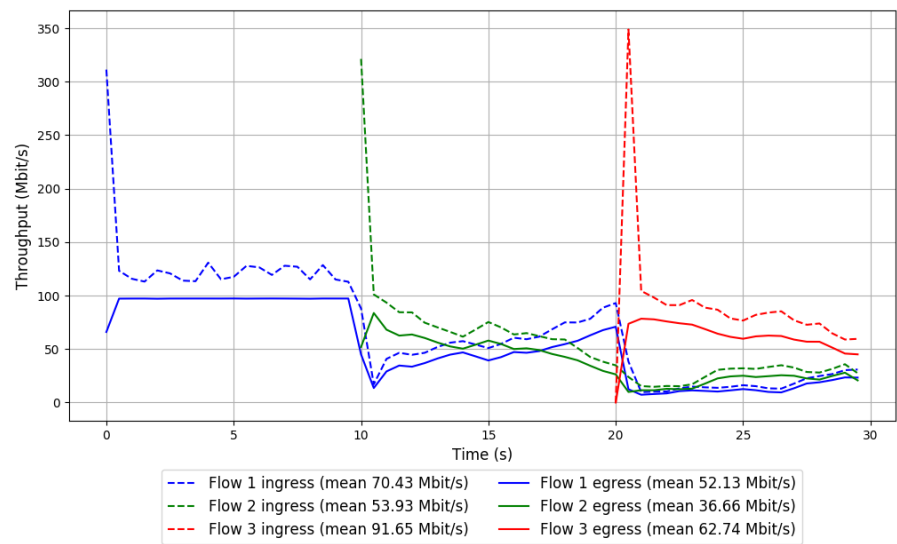


Run 1: Statistics of FillP

Start at: 2018-02-13 17:29:43
End at: 2018-02-13 17:30:13
Local clock offset: 4.149 ms
Remote clock offset: -18.866 ms

Below is generated by plot.py at 2018-02-13 21:46:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 32.605 ms
Loss rate: 29.22%
-- Flow 1:
Average throughput: 52.13 Mbit/s
95th percentile per-packet one-way delay: 32.417 ms
Loss rate: 25.93%
-- Flow 2:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 32.779 ms
Loss rate: 32.03%
-- Flow 3:
Average throughput: 62.74 Mbit/s
95th percentile per-packet one-way delay: 32.823 ms
Loss rate: 33.55%

Run 1: Report of FillP — Data Link

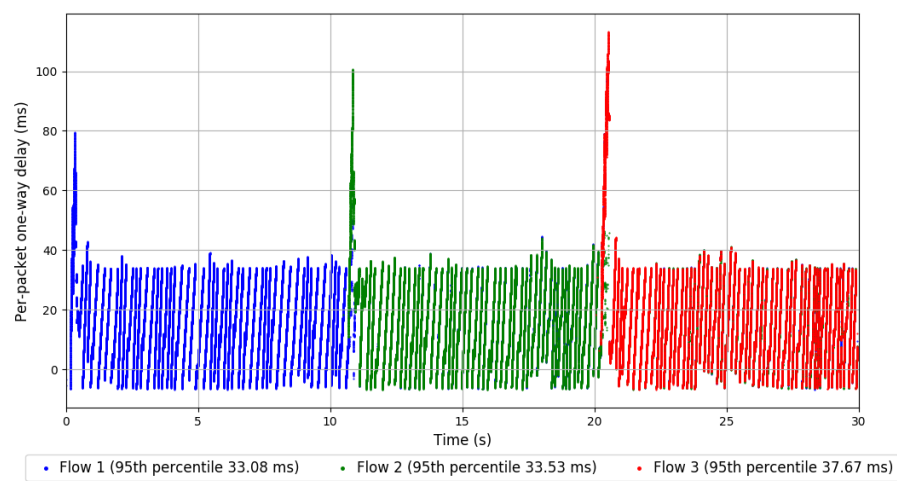
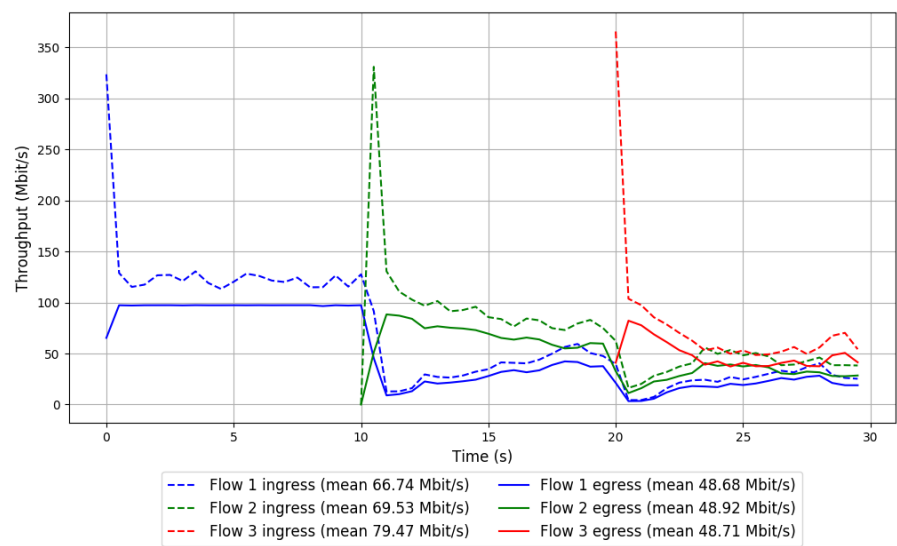


Run 2: Statistics of FillP

Start at: 2018-02-13 17:51:43
End at: 2018-02-13 17:52:13
Local clock offset: 3.811 ms
Remote clock offset: -19.014 ms

Below is generated by plot.py at 2018-02-13 21:46:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 33.498 ms
Loss rate: 30.66%
-- Flow 1:
Average throughput: 48.68 Mbit/s
95th percentile per-packet one-way delay: 33.075 ms
Loss rate: 27.03%
-- Flow 2:
Average throughput: 48.92 Mbit/s
95th percentile per-packet one-way delay: 33.530 ms
Loss rate: 31.30%
-- Flow 3:
Average throughput: 48.71 Mbit/s
95th percentile per-packet one-way delay: 37.672 ms
Loss rate: 38.75%

Run 2: Report of FillP — Data Link

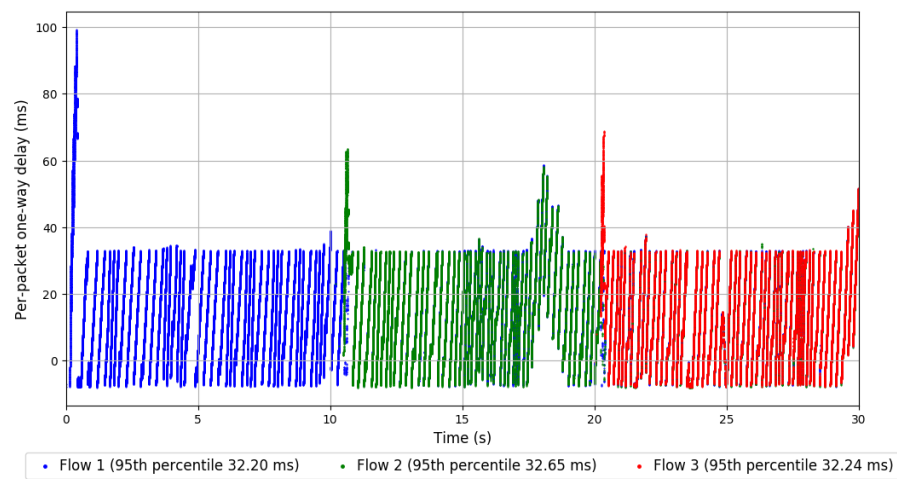
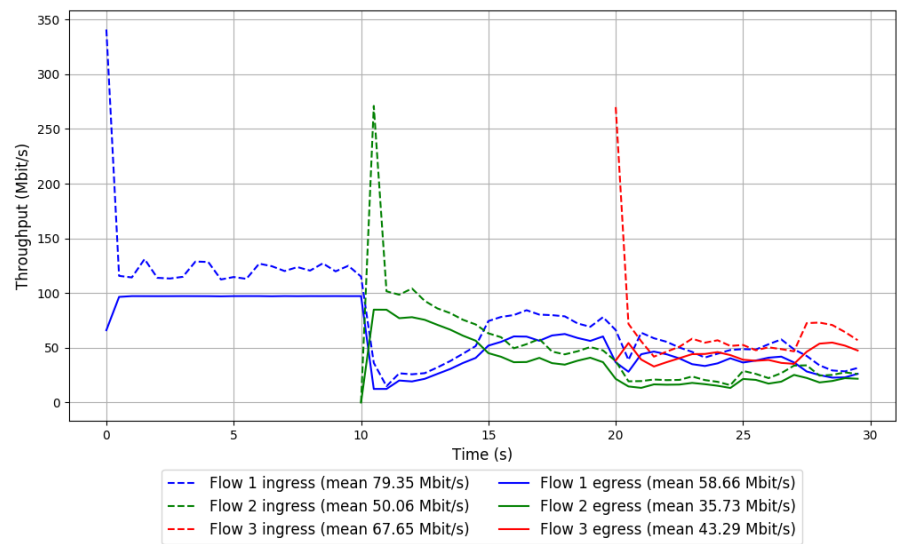


Run 3: Statistics of FillP

Start at: 2018-02-13 18:13:45
End at: 2018-02-13 18:14:15
Local clock offset: 3.62 ms
Remote clock offset: -19.438 ms

Below is generated by plot.py at 2018-02-13 21:46:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 32.302 ms
Loss rate: 28.37%
-- Flow 1:
Average throughput: 58.66 Mbit/s
95th percentile per-packet one-way delay: 32.201 ms
Loss rate: 25.96%
-- Flow 2:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 32.652 ms
Loss rate: 29.13%
-- Flow 3:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: 32.240 ms
Loss rate: 35.76%

Run 3: Report of FillP — Data Link

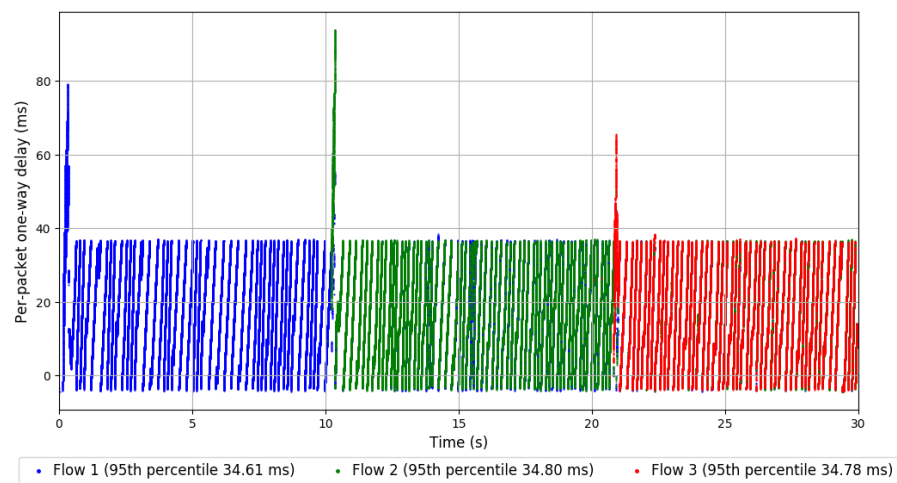
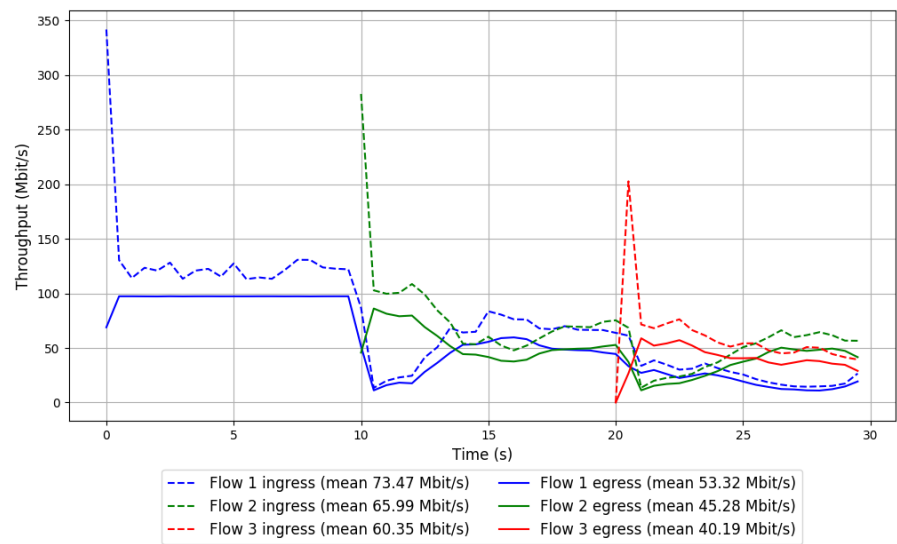


Run 4: Statistics of FillP

Start at: 2018-02-13 18:36:12
End at: 2018-02-13 18:36:42
Local clock offset: 2.257 ms
Remote clock offset: -8.387 ms

Below is generated by plot.py at 2018-02-13 21:46:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 34.699 ms
Loss rate: 29.54%
-- Flow 1:
Average throughput: 53.32 Mbit/s
95th percentile per-packet one-way delay: 34.609 ms
Loss rate: 27.39%
-- Flow 2:
Average throughput: 45.28 Mbit/s
95th percentile per-packet one-way delay: 34.802 ms
Loss rate: 31.34%
-- Flow 3:
Average throughput: 40.19 Mbit/s
95th percentile per-packet one-way delay: 34.779 ms
Loss rate: 33.51%

Run 4: Report of FillP — Data Link

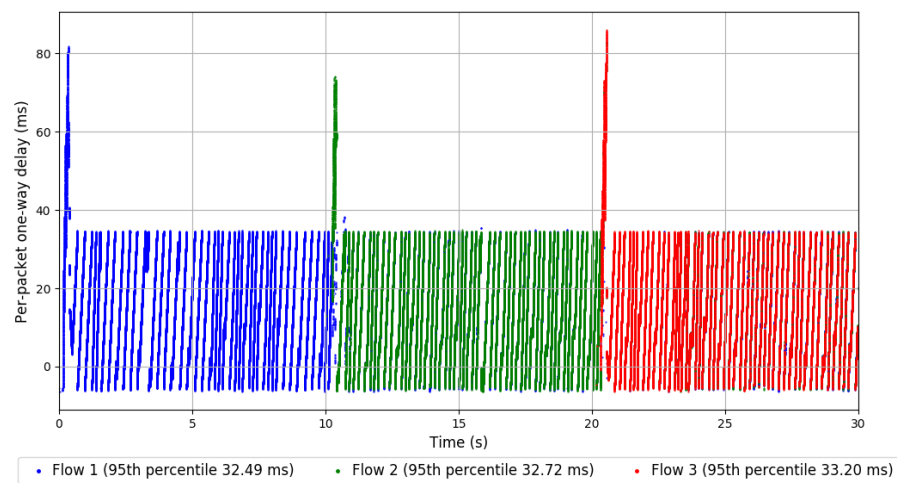
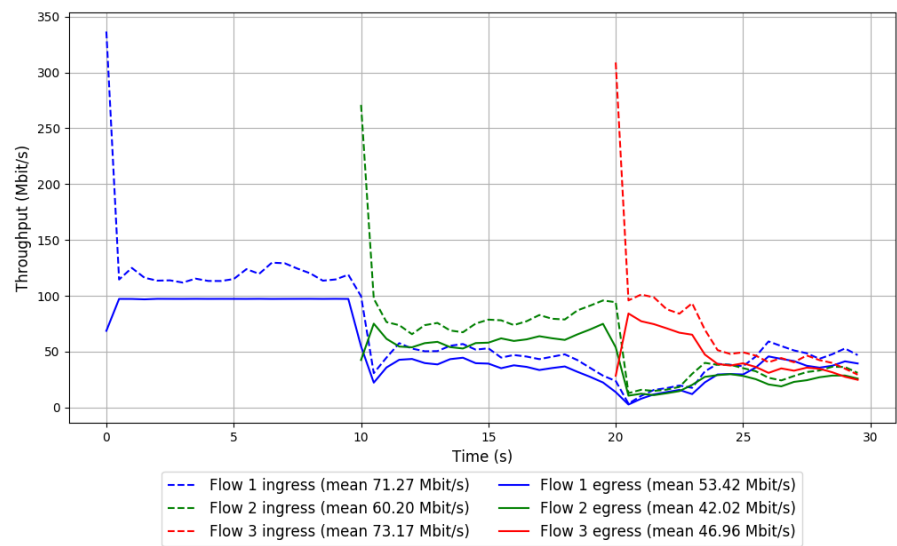


Run 5: Statistics of FillP

Start at: 2018-02-13 18:58:24
End at: 2018-02-13 18:58:54
Local clock offset: 5.078 ms
Remote clock offset: -4.402 ms

Below is generated by plot.py at 2018-02-13 21:46:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 32.664 ms
Loss rate: 28.62%
-- Flow 1:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 32.487 ms
Loss rate: 25.01%
-- Flow 2:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 32.719 ms
Loss rate: 30.17%
-- Flow 3:
Average throughput: 46.96 Mbit/s
95th percentile per-packet one-way delay: 33.199 ms
Loss rate: 36.70%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-02-13 19:21:13

End at: 2018-02-13 19:21:43

Local clock offset: 2.652 ms

Remote clock offset: -1.75 ms

Below is generated by plot.py at 2018-02-13 21:46:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 33.533 ms

Loss rate: 28.28%

-- Flow 1:

Average throughput: 53.56 Mbit/s

95th percentile per-packet one-way delay: 33.333 ms

Loss rate: 25.60%

-- Flow 2:

Average throughput: 42.46 Mbit/s

95th percentile per-packet one-way delay: 33.668 ms

Loss rate: 29.79%

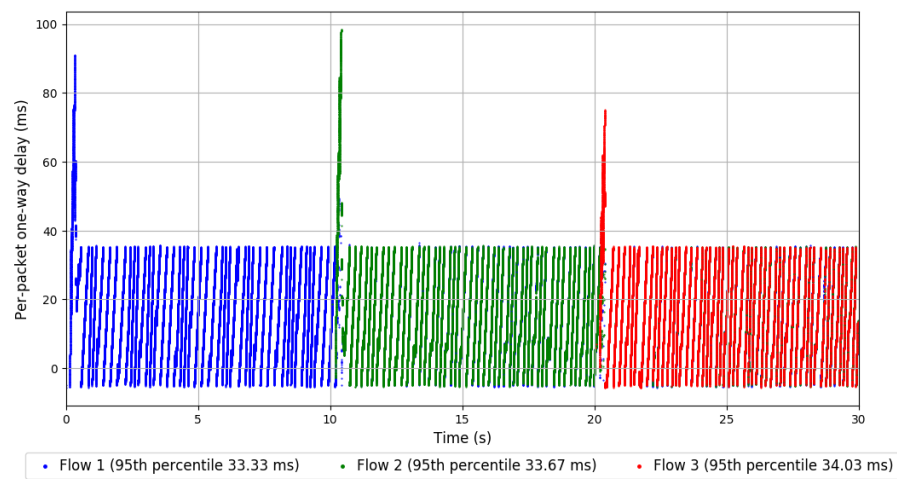
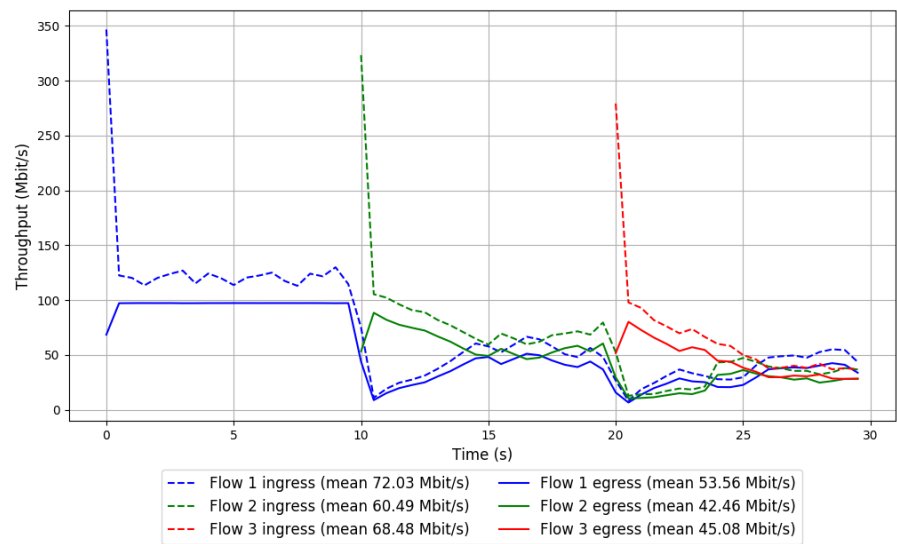
-- Flow 3:

Average throughput: 45.08 Mbit/s

95th percentile per-packet one-way delay: 34.033 ms

Loss rate: 34.11%

Run 6: Report of FillP — Data Link

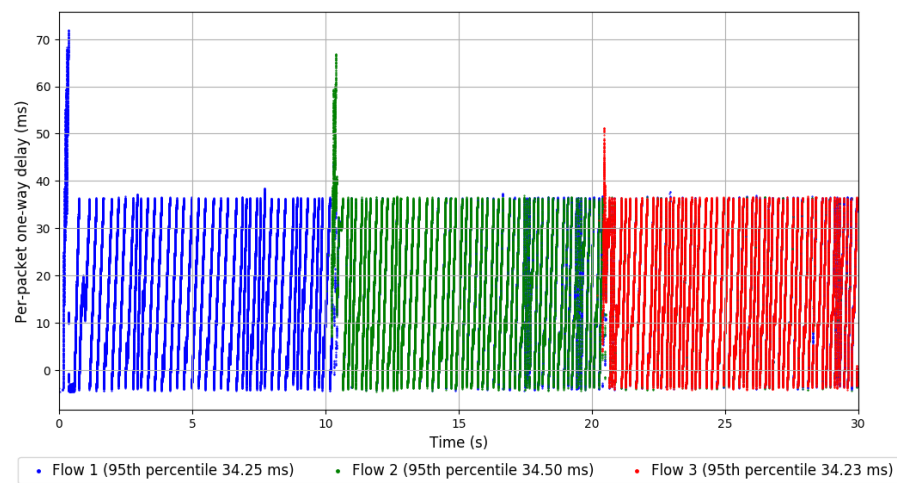
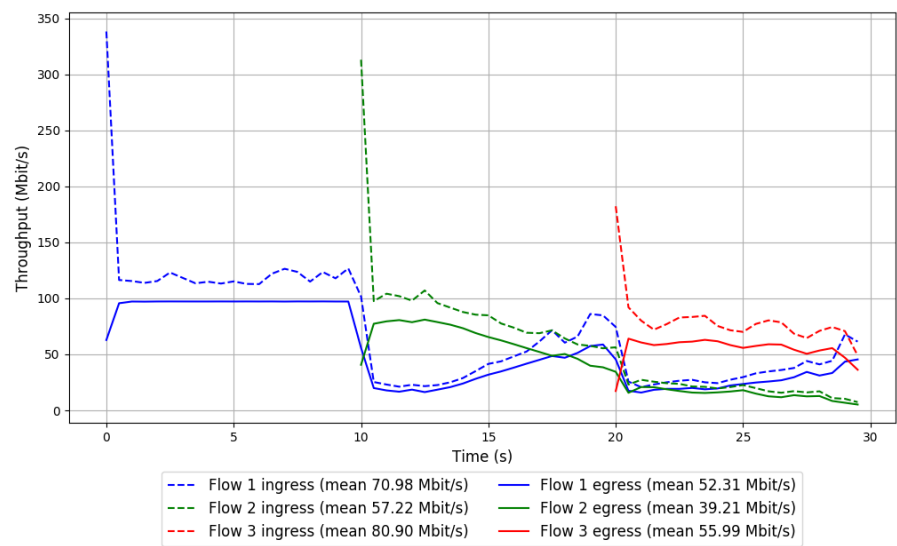


Run 7: Statistics of FillP

Start at: 2018-02-13 19:43:55
End at: 2018-02-13 19:44:25
Local clock offset: 2.463 ms
Remote clock offset: -20.572 ms

Below is generated by plot.py at 2018-02-13 21:47:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 34.314 ms
Loss rate: 28.88%
-- Flow 1:
Average throughput: 52.31 Mbit/s
95th percentile per-packet one-way delay: 34.248 ms
Loss rate: 26.29%
-- Flow 2:
Average throughput: 39.21 Mbit/s
95th percentile per-packet one-way delay: 34.496 ms
Loss rate: 31.54%
-- Flow 3:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 34.227 ms
Loss rate: 31.95%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-13 20:06:20

End at: 2018-02-13 20:06:50

Local clock offset: 3.532 ms

Remote clock offset: -28.4 ms

Below is generated by plot.py at 2018-02-13 21:47:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.68 Mbit/s

95th percentile per-packet one-way delay: 32.573 ms

Loss rate: 29.41%

-- Flow 1:

Average throughput: 51.64 Mbit/s

95th percentile per-packet one-way delay: 32.405 ms

Loss rate: 26.35%

-- Flow 2:

Average throughput: 44.18 Mbit/s

95th percentile per-packet one-way delay: 32.659 ms

Loss rate: 30.98%

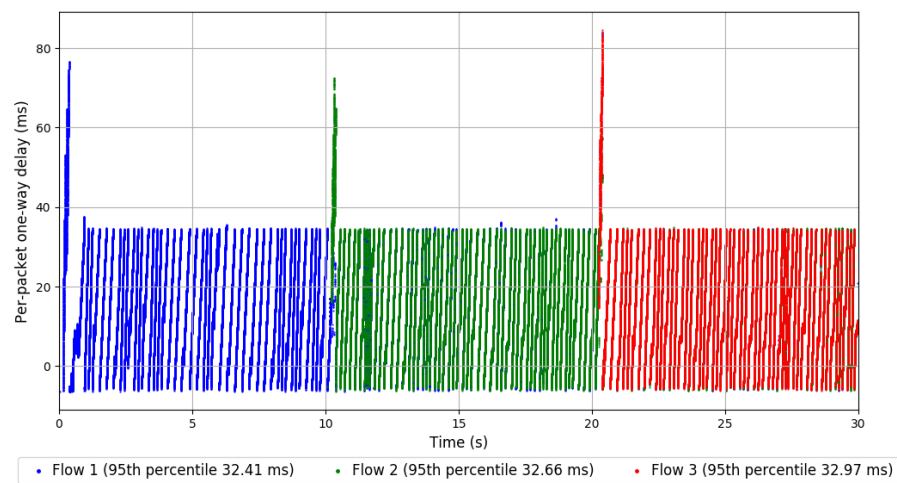
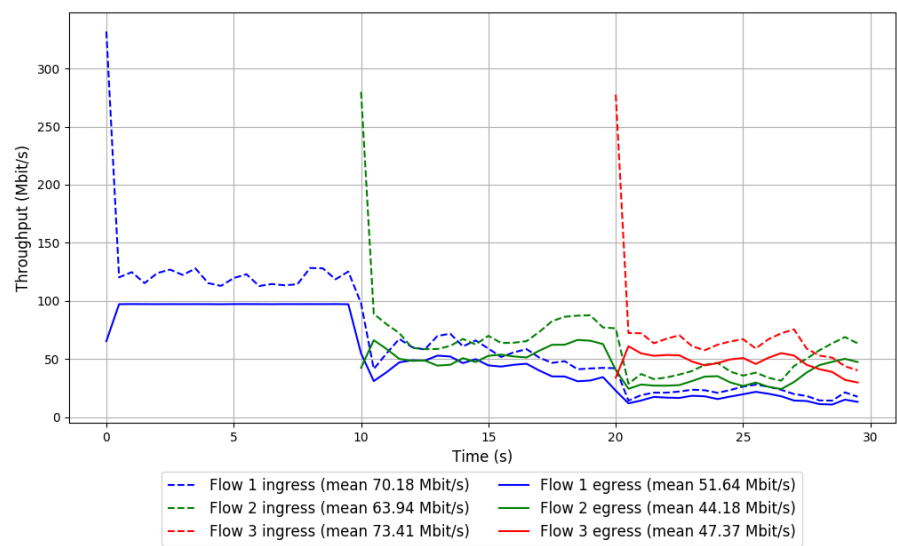
-- Flow 3:

Average throughput: 47.37 Mbit/s

95th percentile per-packet one-way delay: 32.967 ms

Loss rate: 35.48%

Run 8: Report of FillP — Data Link

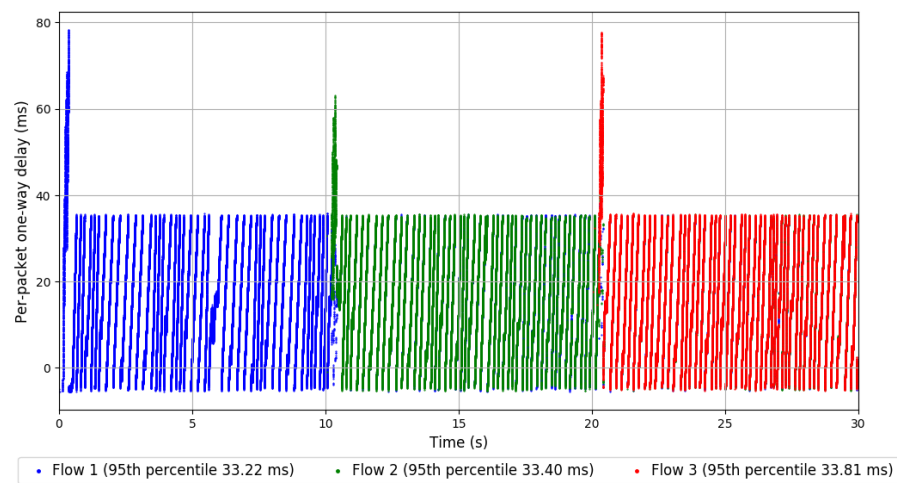
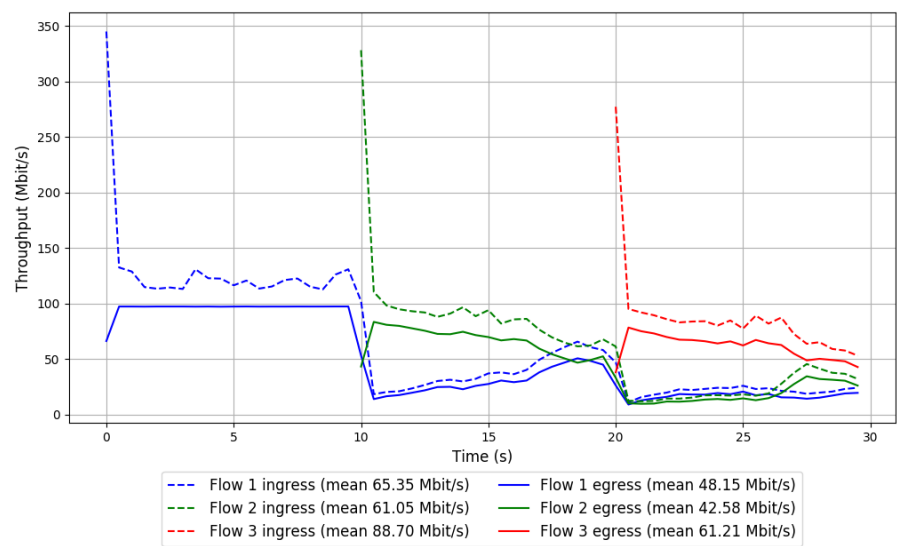


Run 9: Statistics of FillP

Start at: 2018-02-13 20:29:30
End at: 2018-02-13 20:30:00
Local clock offset: 2.08 ms
Remote clock offset: -32.505 ms

Below is generated by plot.py at 2018-02-13 21:47:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 33.395 ms
Loss rate: 28.57%
-- Flow 1:
Average throughput: 48.15 Mbit/s
95th percentile per-packet one-way delay: 33.223 ms
Loss rate: 26.31%
-- Flow 2:
Average throughput: 42.58 Mbit/s
95th percentile per-packet one-way delay: 33.404 ms
Loss rate: 30.37%
-- Flow 3:
Average throughput: 61.21 Mbit/s
95th percentile per-packet one-way delay: 33.807 ms
Loss rate: 31.10%

Run 9: Report of FillP — Data Link

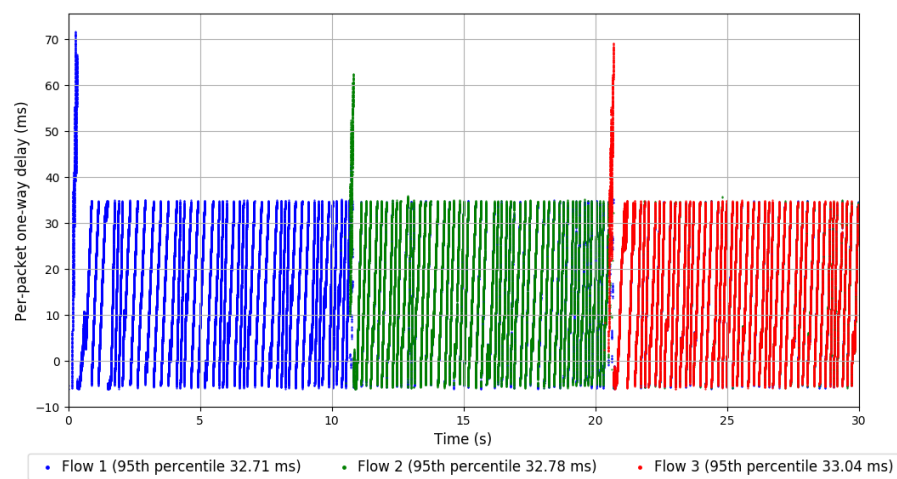
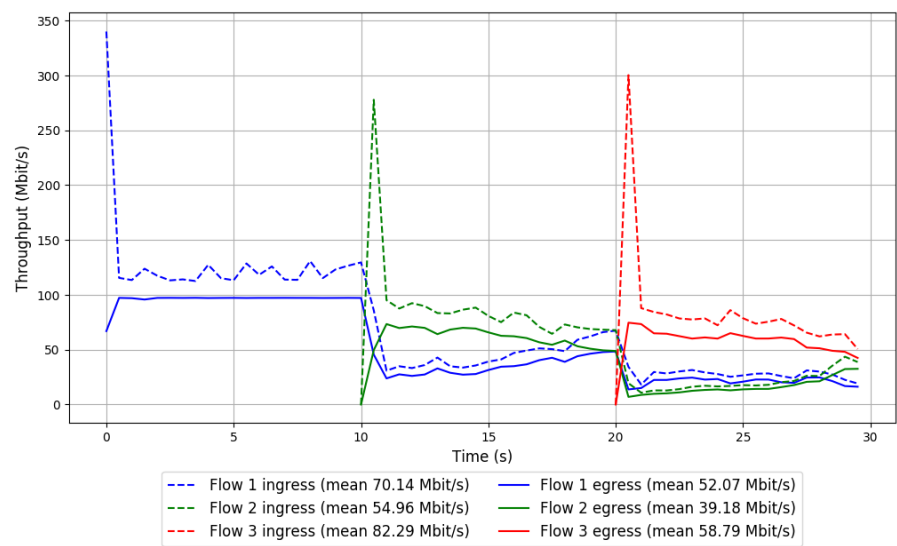


Run 10: Statistics of FillP

Start at: 2018-02-13 20:52:04
End at: 2018-02-13 20:52:34
Local clock offset: 1.653 ms
Remote clock offset: -25.893 ms

Below is generated by plot.py at 2018-02-13 21:48:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 32.797 ms
Loss rate: 27.80%
-- Flow 1:
Average throughput: 52.07 Mbit/s
95th percentile per-packet one-way delay: 32.706 ms
Loss rate: 25.68%
-- Flow 2:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 32.779 ms
Loss rate: 29.79%
-- Flow 3:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 33.043 ms
Loss rate: 30.58%

Run 10: Report of FillP — Data Link

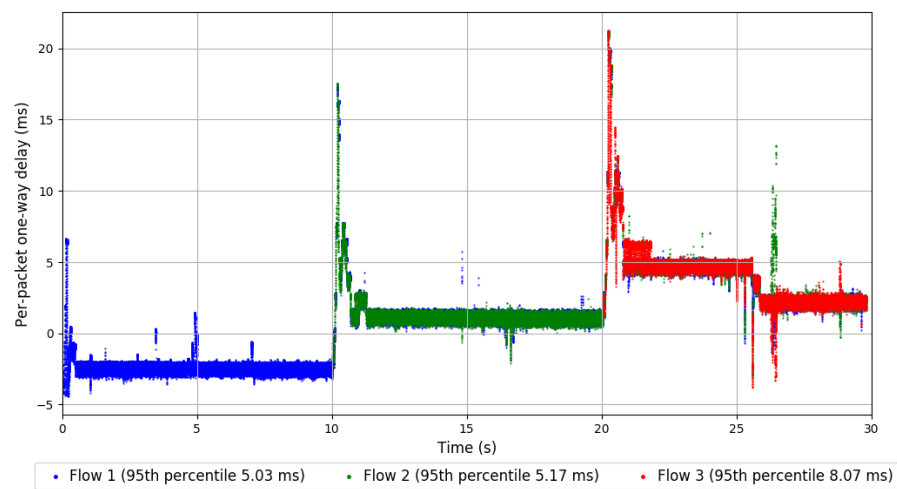
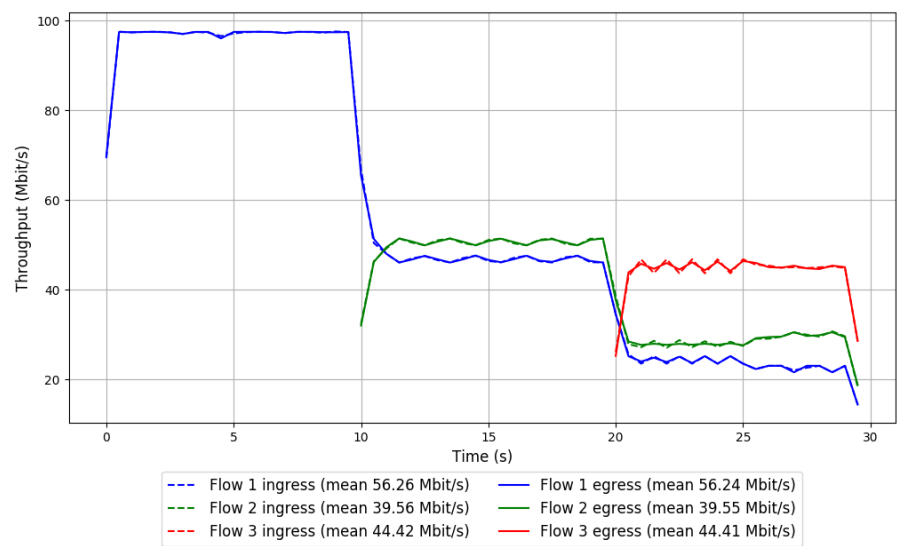


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-13 17:10:02
End at: 2018-02-13 17:10:32
Local clock offset: 0.561 ms
Remote clock offset: -22.52 ms

# Below is generated by plot.py at 2018-02-13 21:48:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 5.158 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.24 Mbit/s
95th percentile per-packet one-way delay: 5.031 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 5.166 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.41 Mbit/s
95th percentile per-packet one-way delay: 8.070 ms
Loss rate: 0.00%
```

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

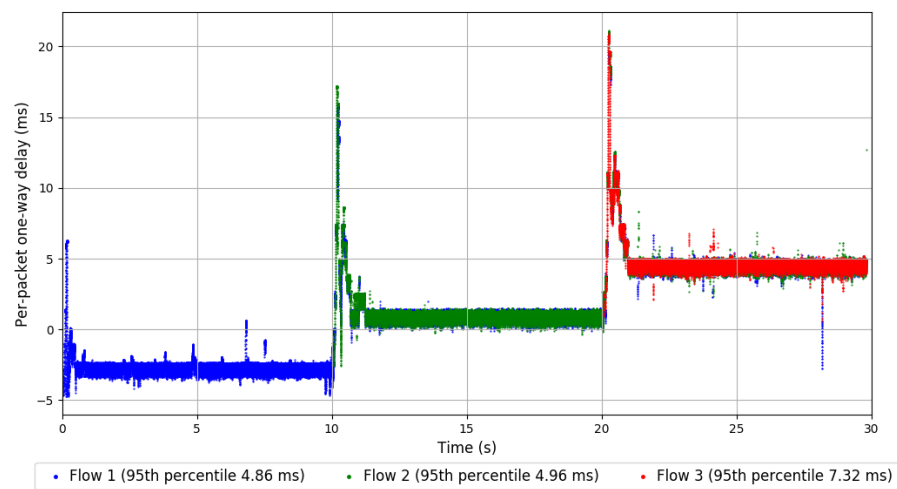
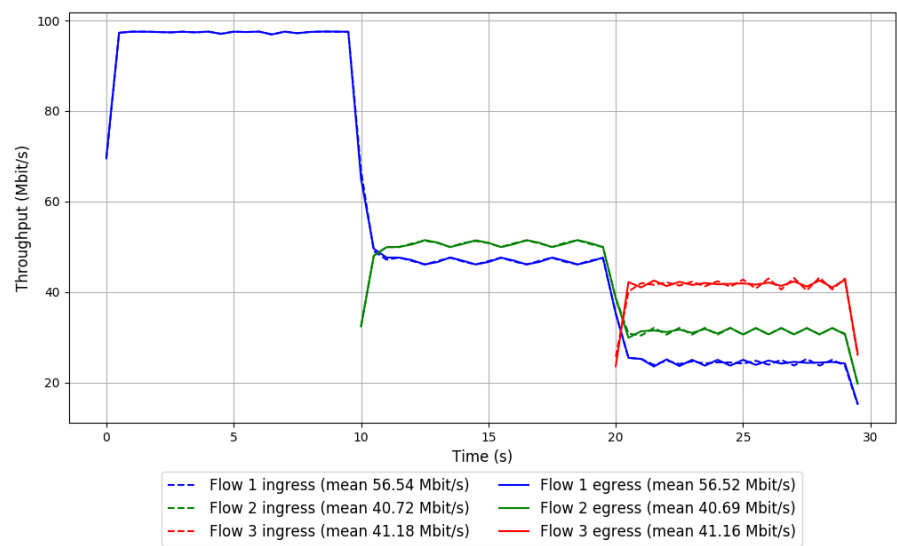


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-13 17:32:17
End at: 2018-02-13 17:32:47
Local clock offset: 2.644 ms
Remote clock offset: -18.266 ms

Below is generated by plot.py at 2018-02-13 21:48:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 4.931 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 4.857 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 4.964 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 7.317 ms
Loss rate: 0.00%

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

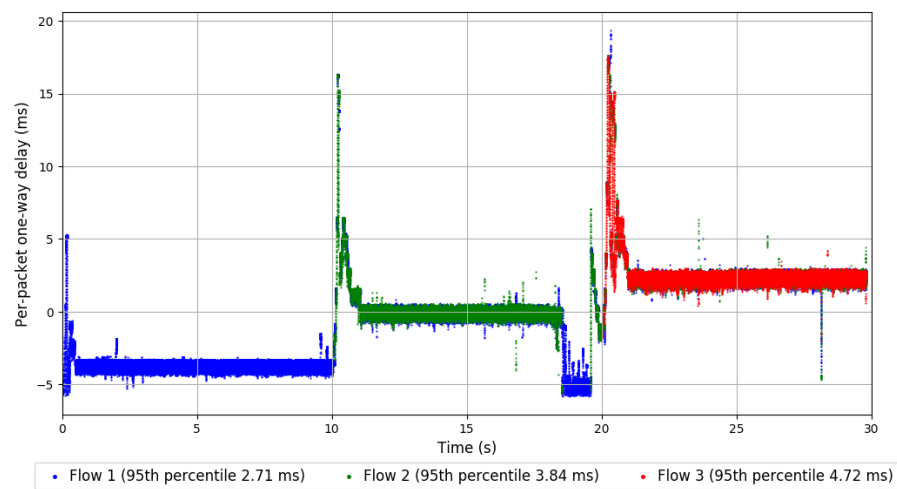
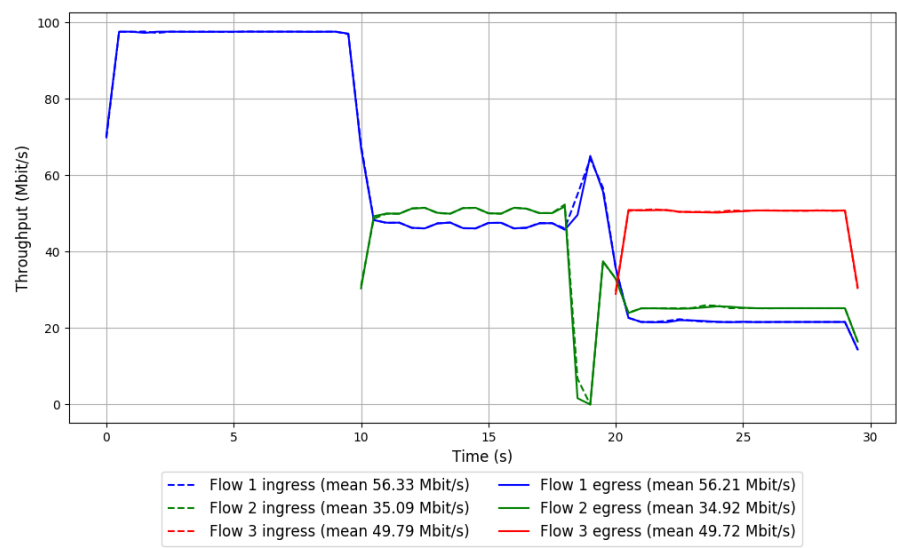


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-13 17:54:13
End at: 2018-02-13 17:54:43
Local clock offset: 0.574 ms
Remote clock offset: -20.752 ms

Below is generated by plot.py at 2018-02-13 21:48:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 2.792 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 56.21 Mbit/s
95th percentile per-packet one-way delay: 2.713 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 34.92 Mbit/s
95th percentile per-packet one-way delay: 3.841 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 49.72 Mbit/s
95th percentile per-packet one-way delay: 4.720 ms
Loss rate: 0.11%

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

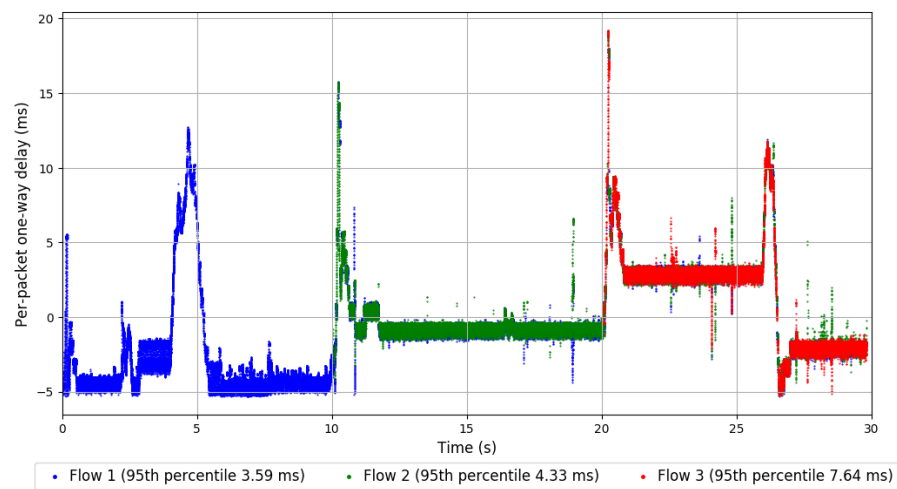
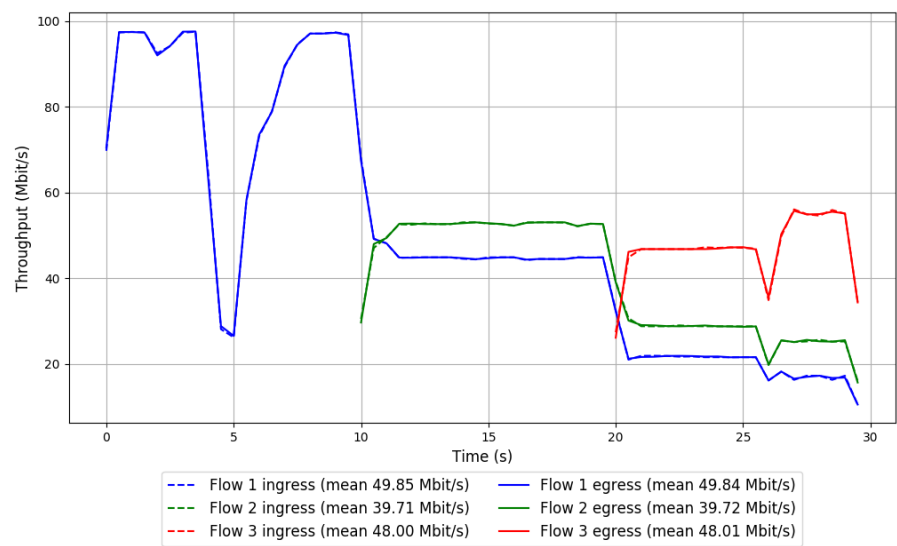


Run 4: Statistics of Indigo-1-32

Start at: 2018-02-13 18:16:23
End at: 2018-02-13 18:16:53
Local clock offset: 0.853 ms
Remote clock offset: -19.31 ms

Below is generated by plot.py at 2018-02-13 21:48:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.86 Mbit/s
95th percentile per-packet one-way delay: 4.491 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.84 Mbit/s
95th percentile per-packet one-way delay: 3.592 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 4.327 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 7.642 ms
Loss rate: 0.00%

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

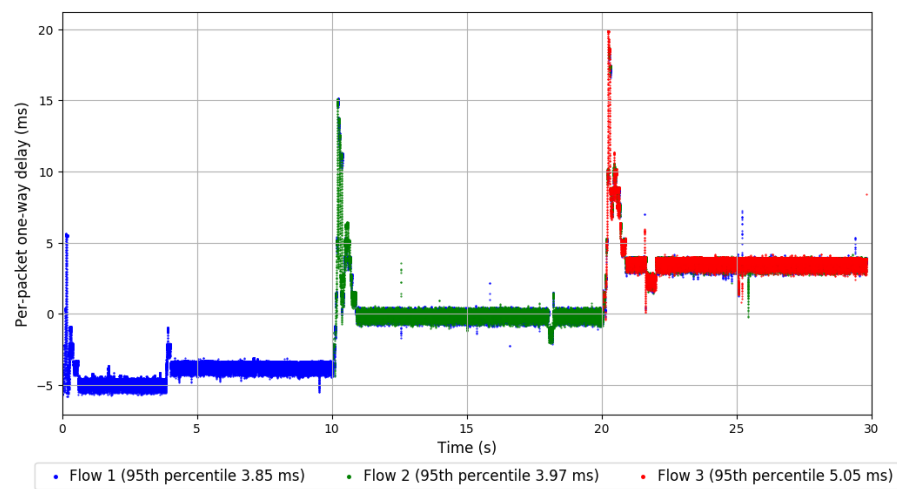
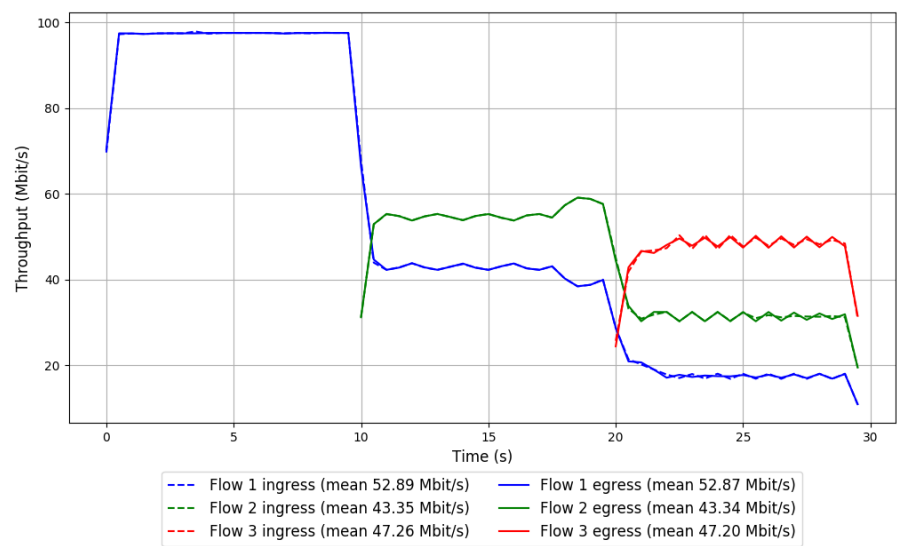


Run 5: Statistics of Indigo-1-32

Start at: 2018-02-13 18:38:40
End at: 2018-02-13 18:39:10
Local clock offset: 3.649 ms
Remote clock offset: -7.987 ms

Below is generated by plot.py at 2018-02-13 21:48:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 3.936 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 3.848 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.34 Mbit/s
95th percentile per-packet one-way delay: 3.972 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 5.055 ms
Loss rate: 0.04%

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

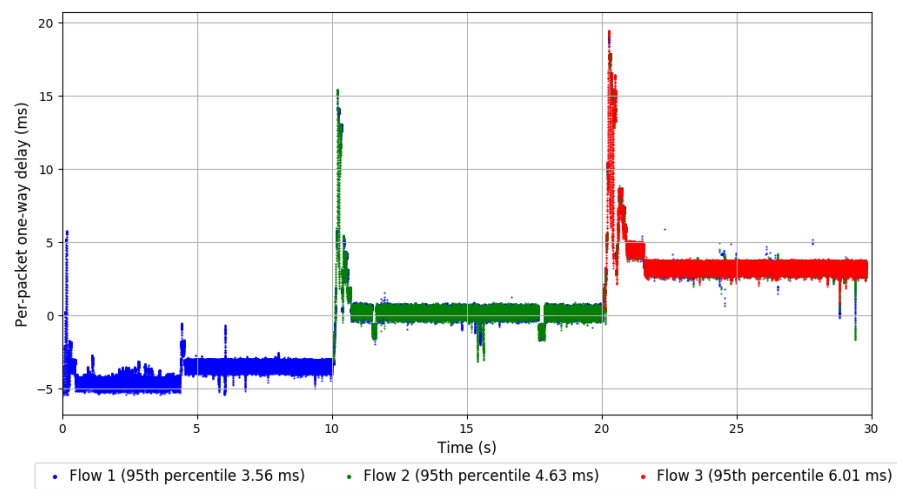
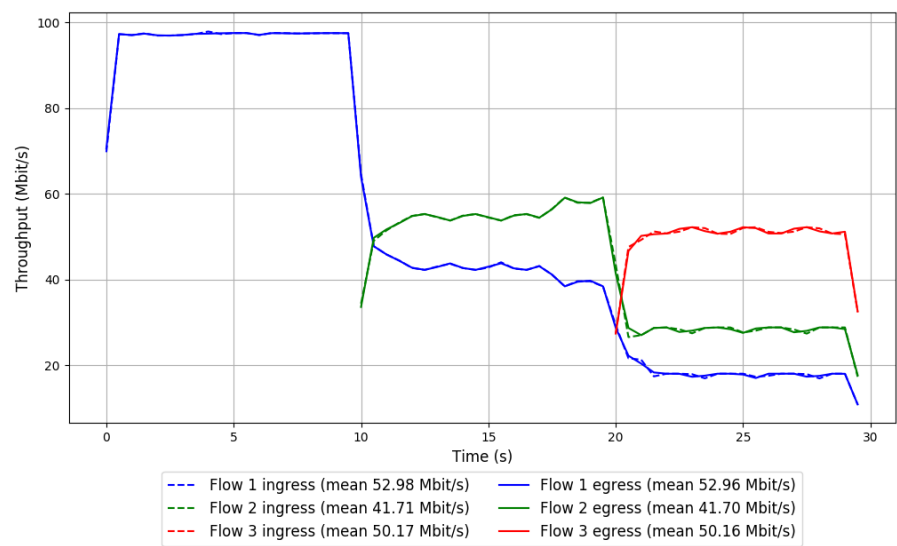


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-13 19:00:59
End at: 2018-02-13 19:01:29
Local clock offset: 3.431 ms
Remote clock offset: -4.604 ms

Below is generated by plot.py at 2018-02-13 21:49:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 4.503 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 3.561 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 4.632 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 6.014 ms
Loss rate: 0.00%

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

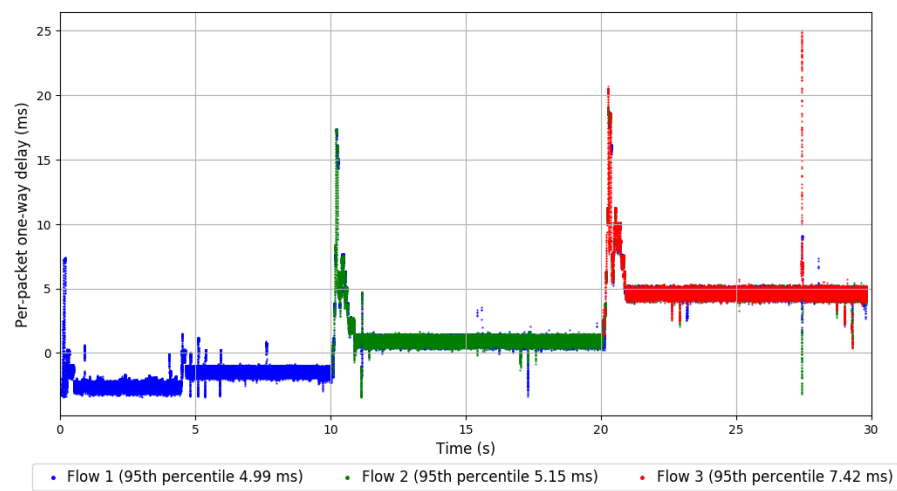
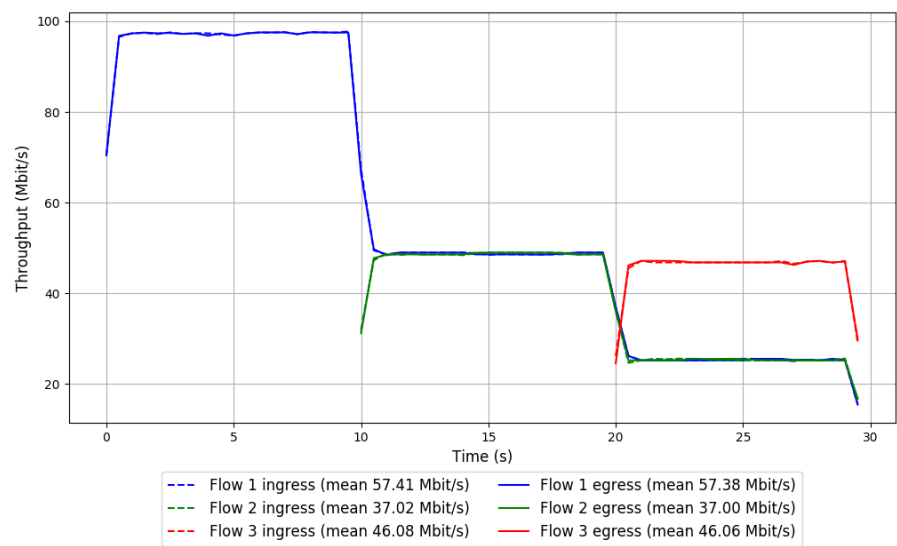


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-13 19:23:40
End at: 2018-02-13 19:24:10
Local clock offset: 0.61 ms
Remote clock offset: -1.261 ms

Below is generated by plot.py at 2018-02-13 21:49:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 5.077 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 57.38 Mbit/s
95th percentile per-packet one-way delay: 4.990 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 5.147 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 46.06 Mbit/s
95th percentile per-packet one-way delay: 7.419 ms
Loss rate: 0.00%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-13 19:46:24

End at: 2018-02-13 19:46:54

Local clock offset: 0.096 ms

Remote clock offset: -21.195 ms

Below is generated by plot.py at 2018-02-13 21:49:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.04 Mbit/s

95th percentile per-packet one-way delay: 8.307 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 55.46 Mbit/s

95th percentile per-packet one-way delay: 8.230 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 39.07 Mbit/s

95th percentile per-packet one-way delay: 8.321 ms

Loss rate: 0.00%

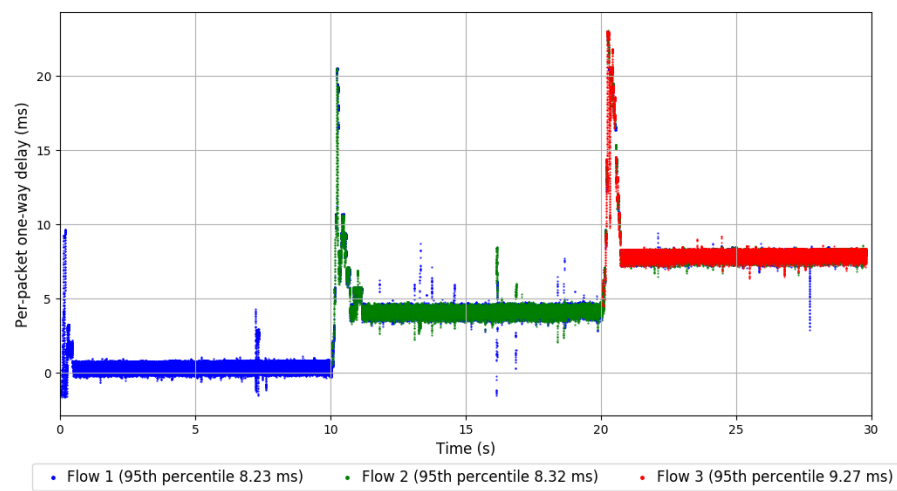
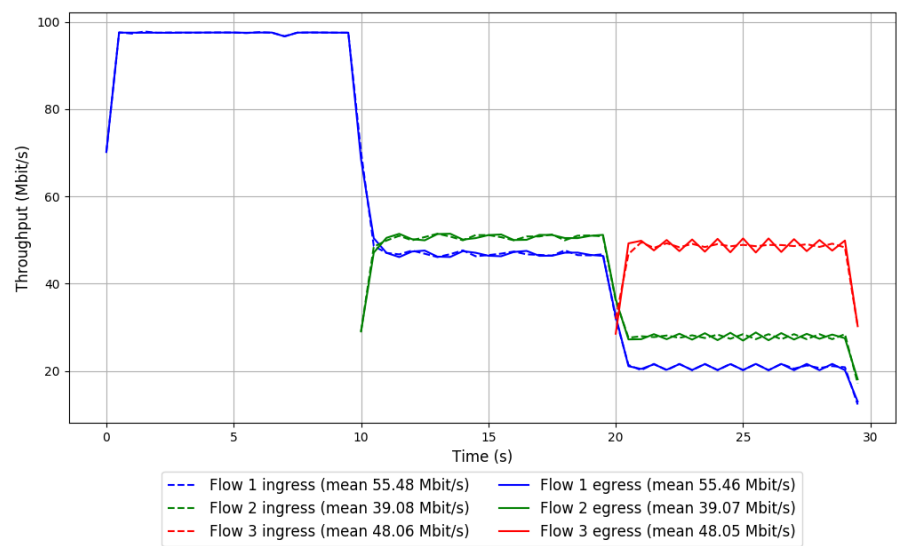
-- Flow 3:

Average throughput: 48.05 Mbit/s

95th percentile per-packet one-way delay: 9.267 ms

Loss rate: 0.00%

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

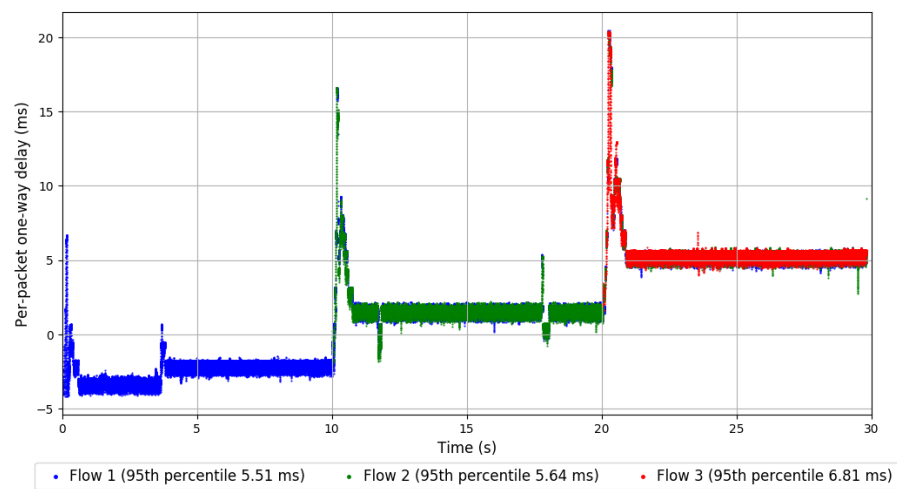
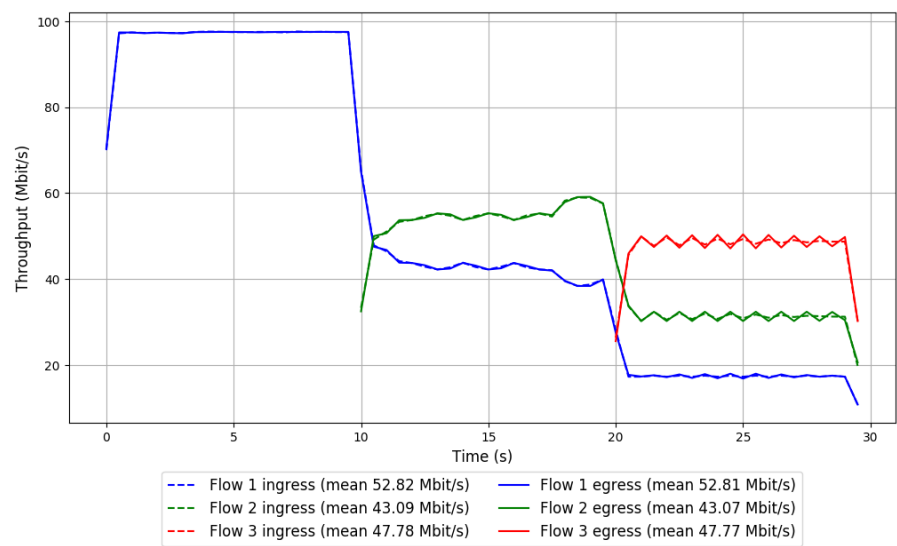


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-13 20:08:59
End at: 2018-02-13 20:09:29
Local clock offset: 1.627 ms
Remote clock offset: -28.332 ms

Below is generated by plot.py at 2018-02-13 21:49:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 5.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.81 Mbit/s
95th percentile per-packet one-way delay: 5.512 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 5.642 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.77 Mbit/s
95th percentile per-packet one-way delay: 6.808 ms
Loss rate: 0.00%

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

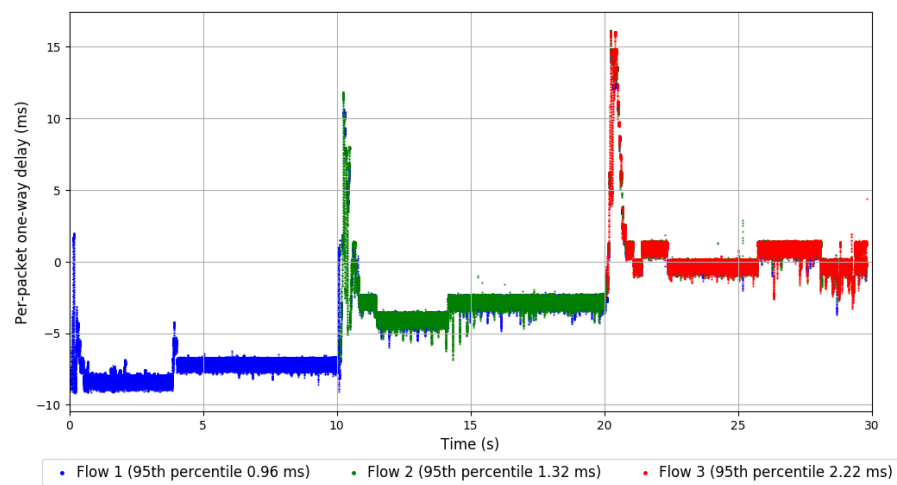
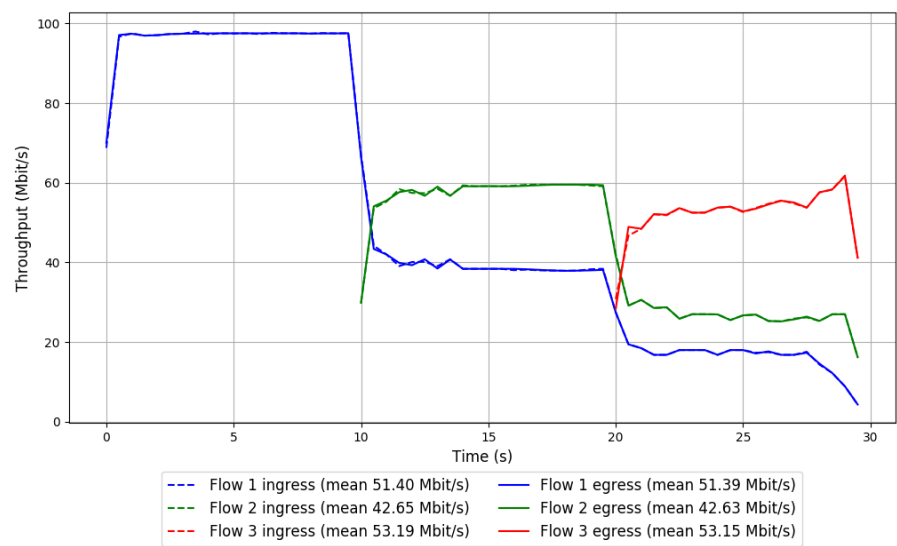


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-13 20:32:02
End at: 2018-02-13 20:32:32
Local clock offset: 4.628 ms
Remote clock offset: -33.886 ms

Below is generated by plot.py at 2018-02-13 21:49:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 1.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.39 Mbit/s
95th percentile per-packet one-way delay: 0.961 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 1.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.15 Mbit/s
95th percentile per-packet one-way delay: 2.224 ms
Loss rate: 0.00%

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

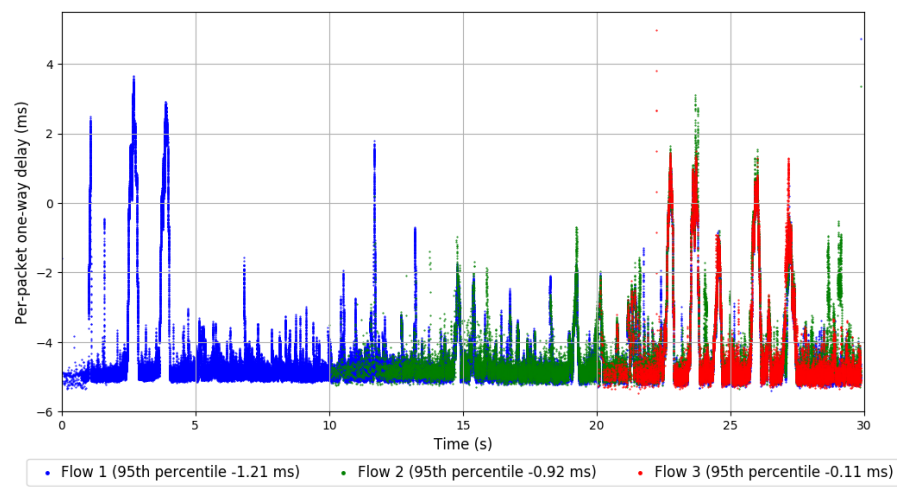
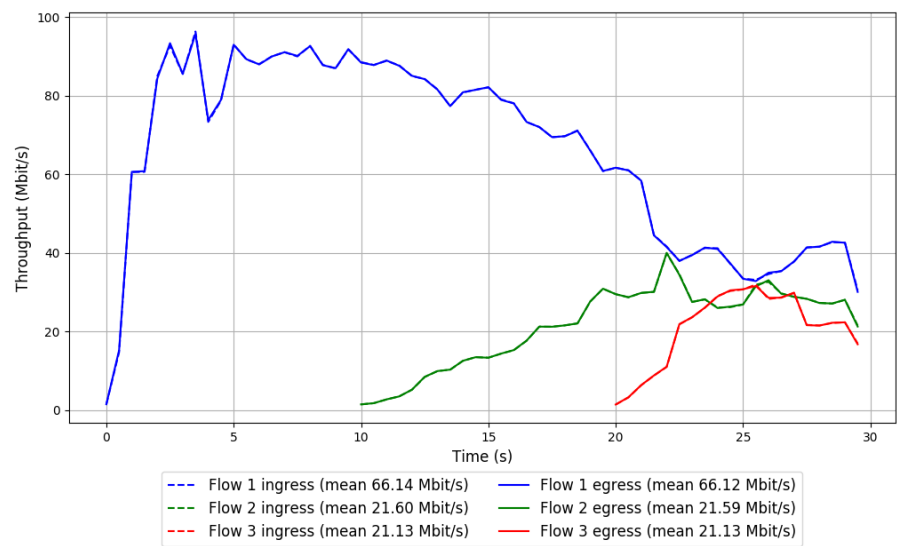


Run 1: Statistics of Vivace-latency

Start at: 2018-02-13 17:13:41
End at: 2018-02-13 17:14:11
Local clock offset: 0.026 ms
Remote clock offset: -22.075 ms

Below is generated by plot.py at 2018-02-13 21:49:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: -0.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.12 Mbit/s
95th percentile per-packet one-way delay: -1.210 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.59 Mbit/s
95th percentile per-packet one-way delay: -0.916 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.13 Mbit/s
95th percentile per-packet one-way delay: -0.111 ms
Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

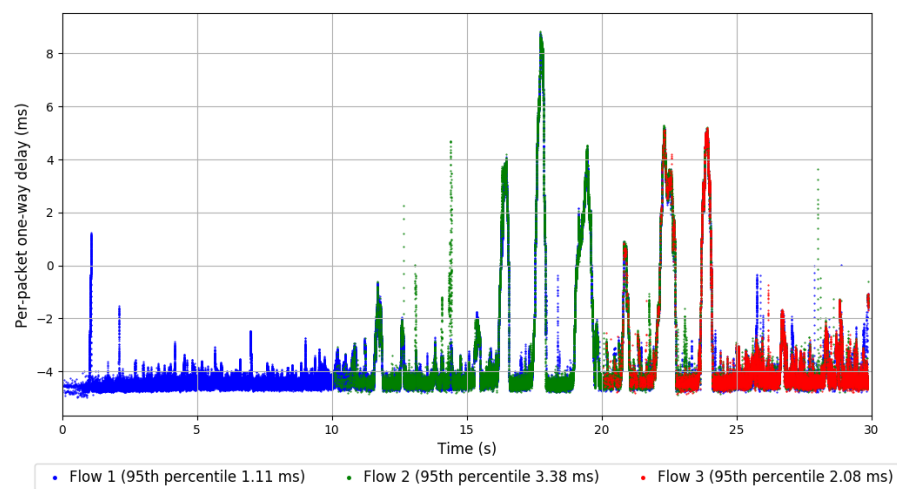
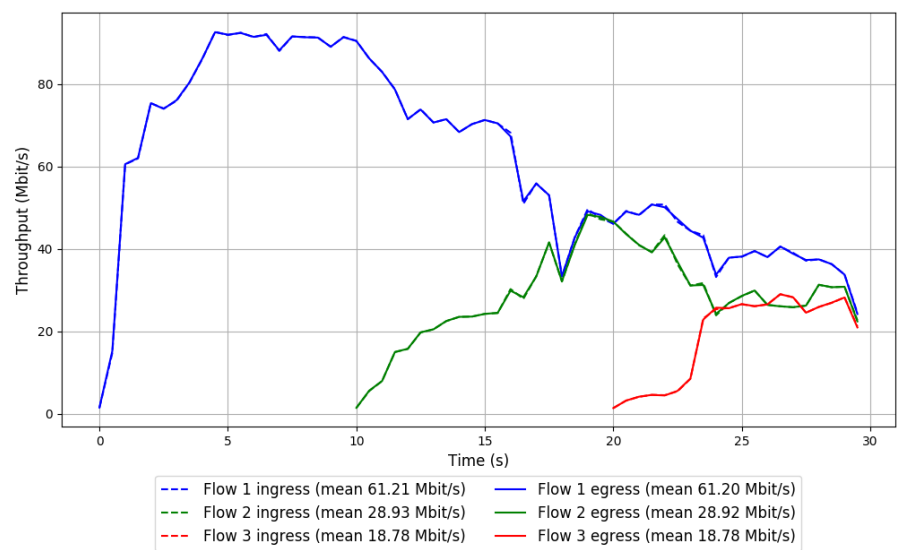


Run 2: Statistics of Vivace-latency

Start at: 2018-02-13 17:36:06
End at: 2018-02-13 17:36:36
Local clock offset: 1.887 ms
Remote clock offset: -19.016 ms

Below is generated by plot.py at 2018-02-13 21:49:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 2.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 1.108 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.92 Mbit/s
95th percentile per-packet one-way delay: 3.376 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.78 Mbit/s
95th percentile per-packet one-way delay: 2.077 ms
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link

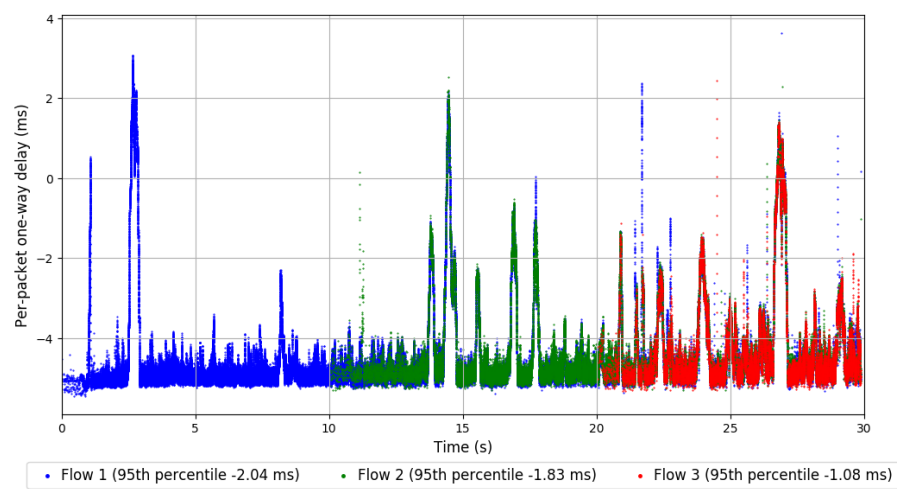
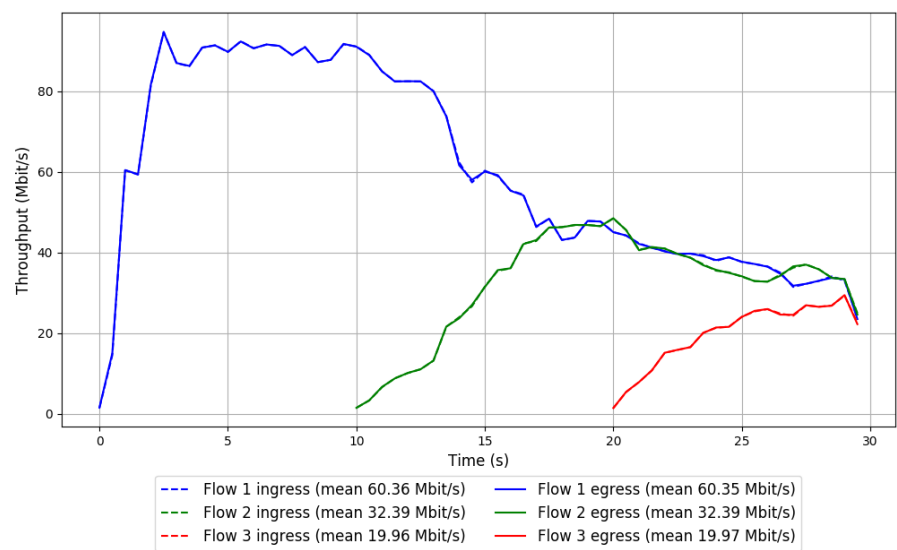


Run 3: Statistics of Vivace-latency

Start at: 2018-02-13 17:57:55
End at: 2018-02-13 17:58:25
Local clock offset: 0.532 ms
Remote clock offset: -20.17 ms

Below is generated by plot.py at 2018-02-13 21:50:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.46 Mbit/s
95th percentile per-packet one-way delay: -1.930 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.35 Mbit/s
95th percentile per-packet one-way delay: -2.041 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: -1.826 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.97 Mbit/s
95th percentile per-packet one-way delay: -1.084 ms
Loss rate: 0.01%

Run 3: Report of Vivace-latency — Data Link

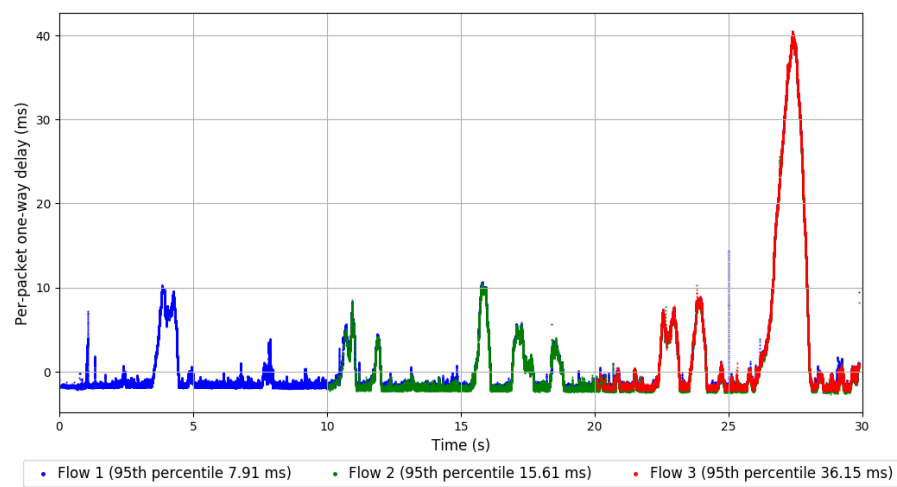
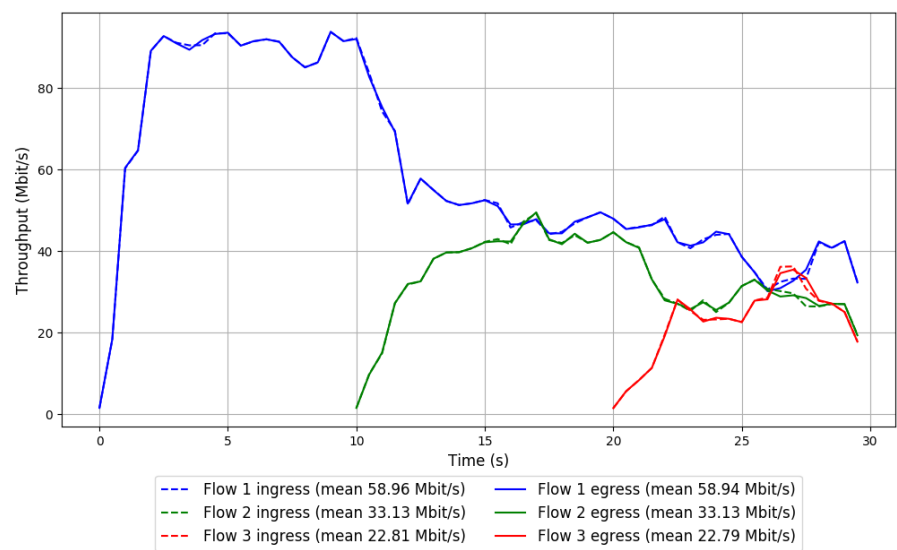


Run 4: Statistics of Vivace-latency

Start at: 2018-02-13 18:20:09
End at: 2018-02-13 18:20:39
Local clock offset: -1.267 ms
Remote clock offset: -15.976 ms

Below is generated by plot.py at 2018-02-13 21:50:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 9.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 7.906 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.13 Mbit/s
95th percentile per-packet one-way delay: 15.611 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 36.149 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

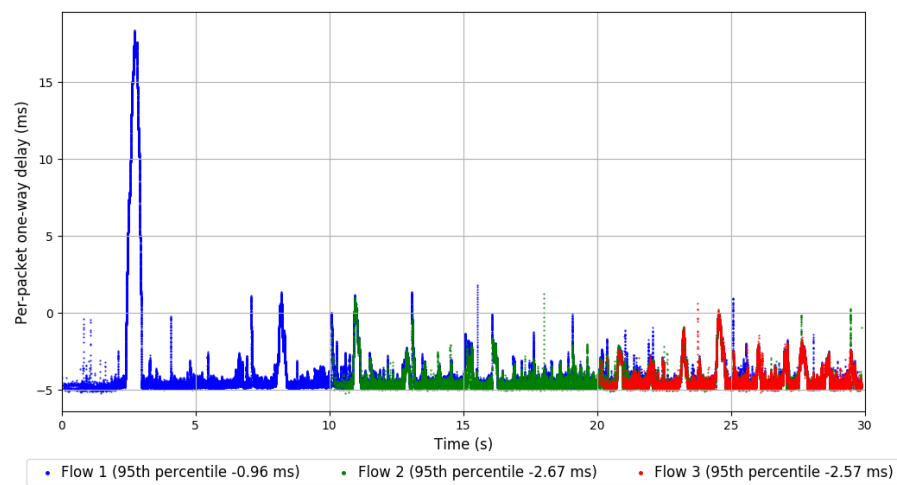
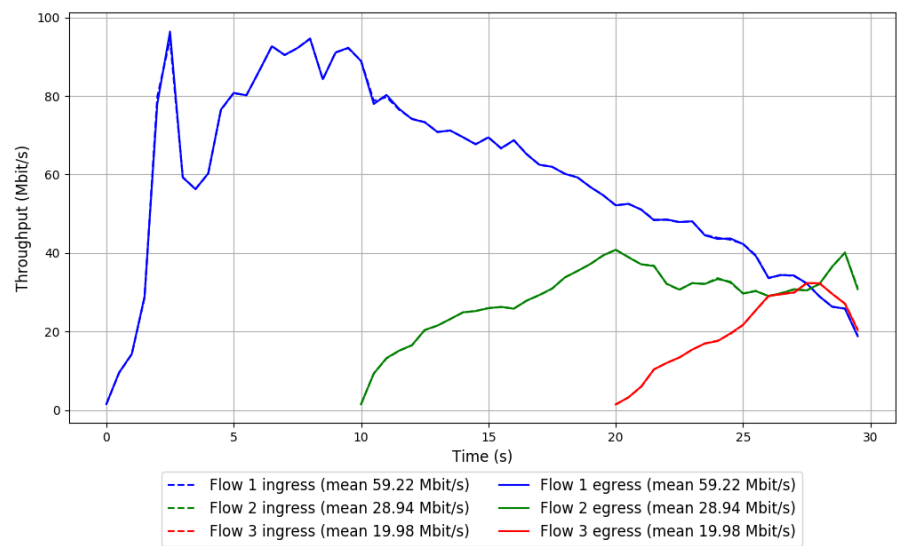


Run 5: Statistics of Vivace-latency

Start at: 2018-02-13 18:42:21
End at: 2018-02-13 18:42:51
Local clock offset: 3.752 ms
Remote clock offset: -6.489 ms

Below is generated by plot.py at 2018-02-13 21:50:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: -1.866 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.22 Mbit/s
95th percentile per-packet one-way delay: -0.959 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.94 Mbit/s
95th percentile per-packet one-way delay: -2.670 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.98 Mbit/s
95th percentile per-packet one-way delay: -2.566 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

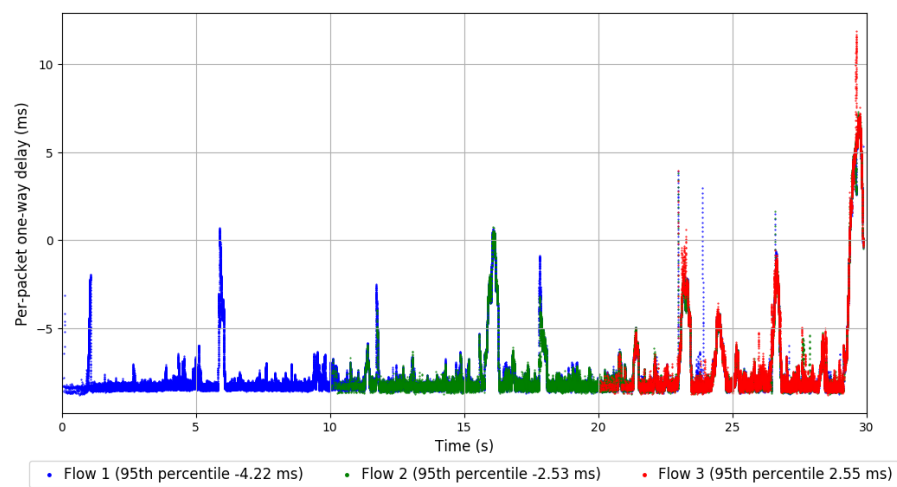
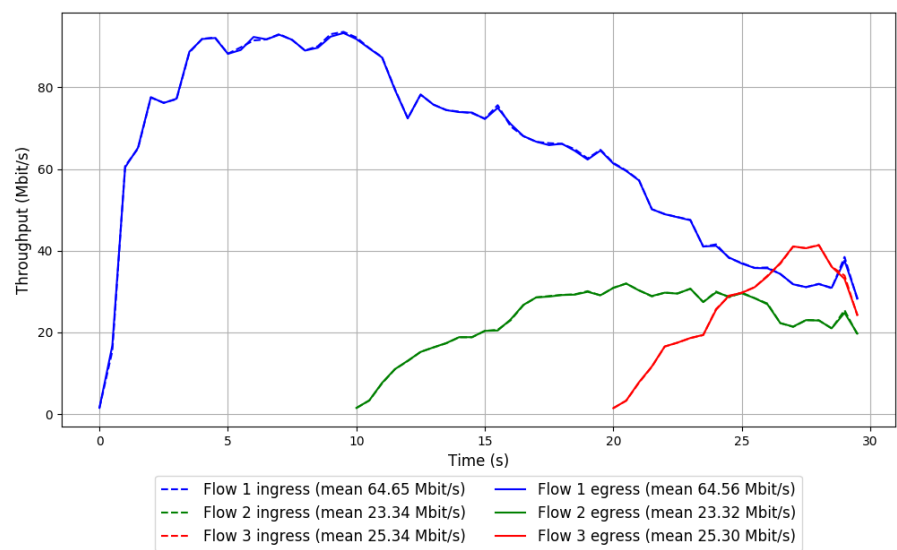


Run 6: Statistics of Vivace-latency

Start at: 2018-02-13 19:04:53
End at: 2018-02-13 19:05:23
Local clock offset: 4.424 ms
Remote clock offset: -5.938 ms

```
# Below is generated by plot.py at 2018-02-13 21:50:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: -3.228 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 64.56 Mbit/s
95th percentile per-packet one-way delay: -4.225 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 23.32 Mbit/s
95th percentile per-packet one-way delay: -2.531 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 2.548 ms
Loss rate: 0.08%
```

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-02-13 19:27:33

End at: 2018-02-13 19:28:03

Local clock offset: 1.375 ms

Remote clock offset: -3.38 ms

Below is generated by plot.py at 2018-02-13 21:50:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.19 Mbit/s

95th percentile per-packet one-way delay: 2.014 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 61.88 Mbit/s

95th percentile per-packet one-way delay: -0.348 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 29.38 Mbit/s

95th percentile per-packet one-way delay: 3.538 ms

Loss rate: 0.03%

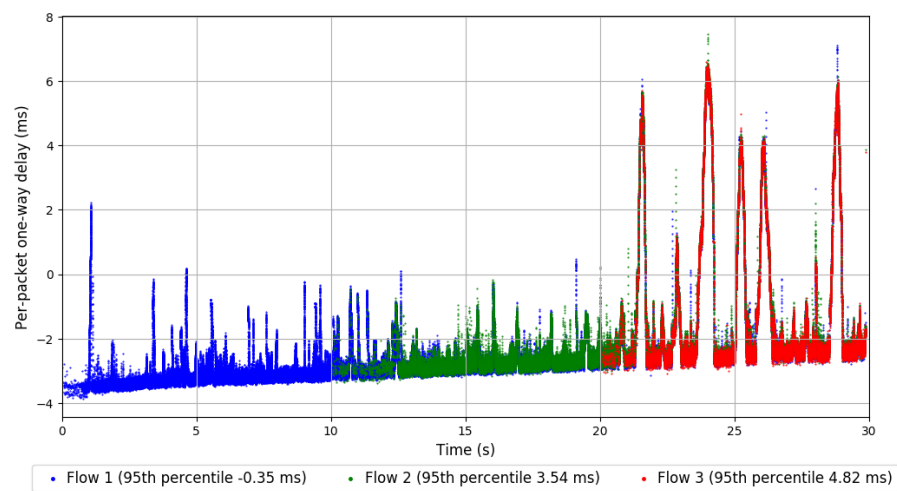
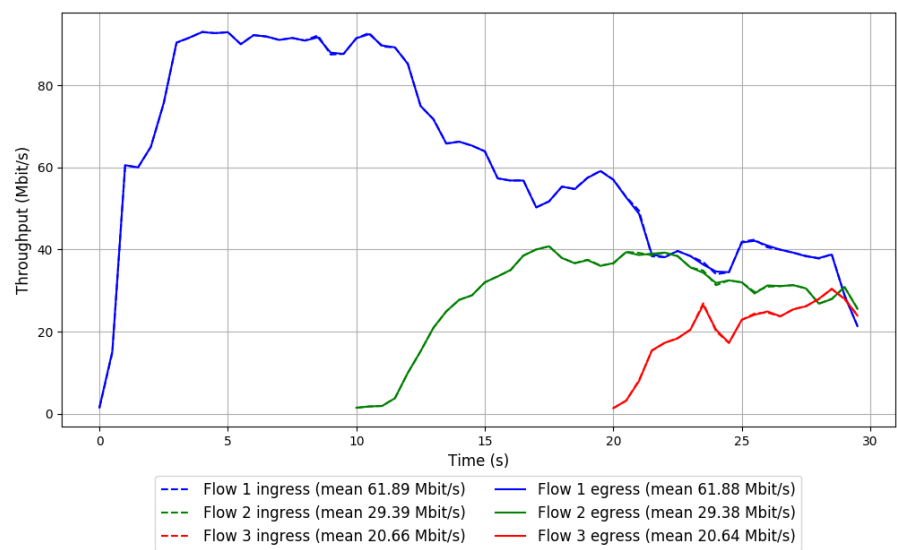
-- Flow 3:

Average throughput: 20.64 Mbit/s

95th percentile per-packet one-way delay: 4.820 ms

Loss rate: 0.05%

Run 7: Report of Vivace-latency — Data Link

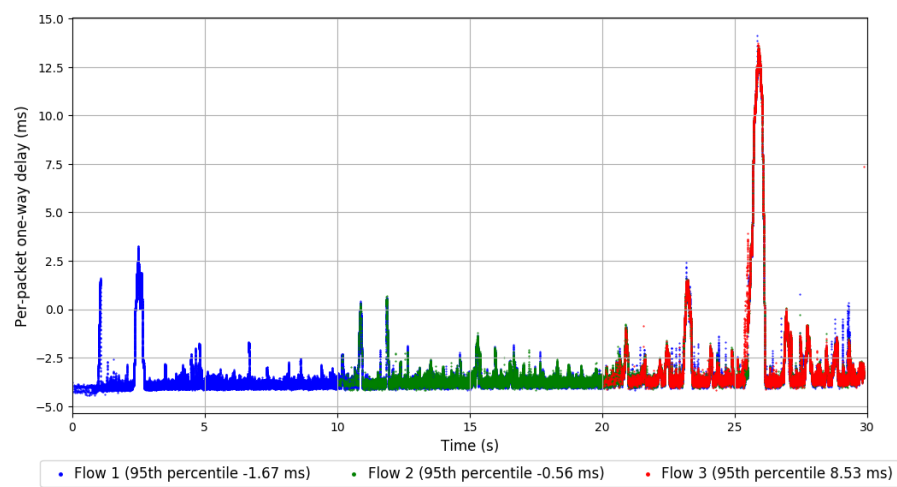
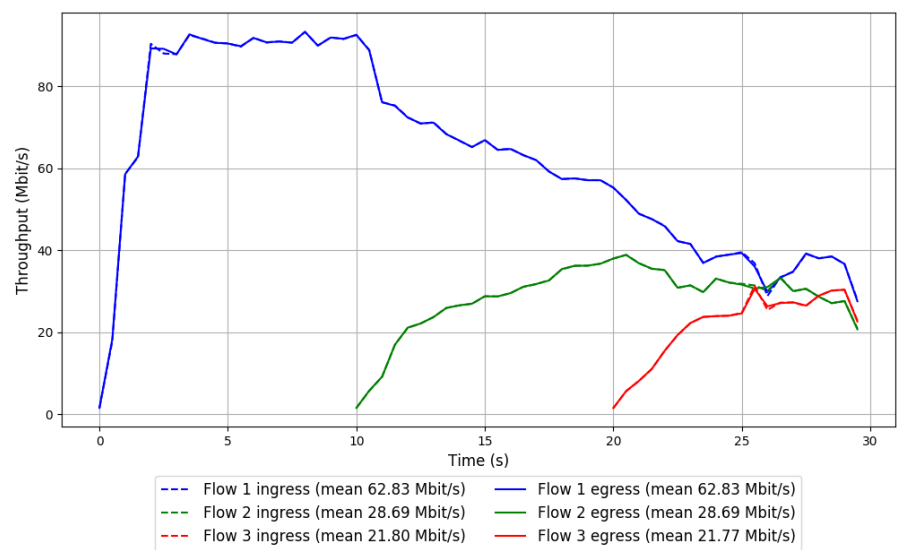


Run 8: Statistics of Vivace-latency

Start at: 2018-02-13 19:50:14
End at: 2018-02-13 19:50:44
Local clock offset: 2.673 ms
Remote clock offset: -22.763 ms

Below is generated by plot.py at 2018-02-13 21:50:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.07 Mbit/s
95th percentile per-packet one-way delay: -0.836 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.83 Mbit/s
95th percentile per-packet one-way delay: -1.668 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.69 Mbit/s
95th percentile per-packet one-way delay: -0.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.77 Mbit/s
95th percentile per-packet one-way delay: 8.528 ms
Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link

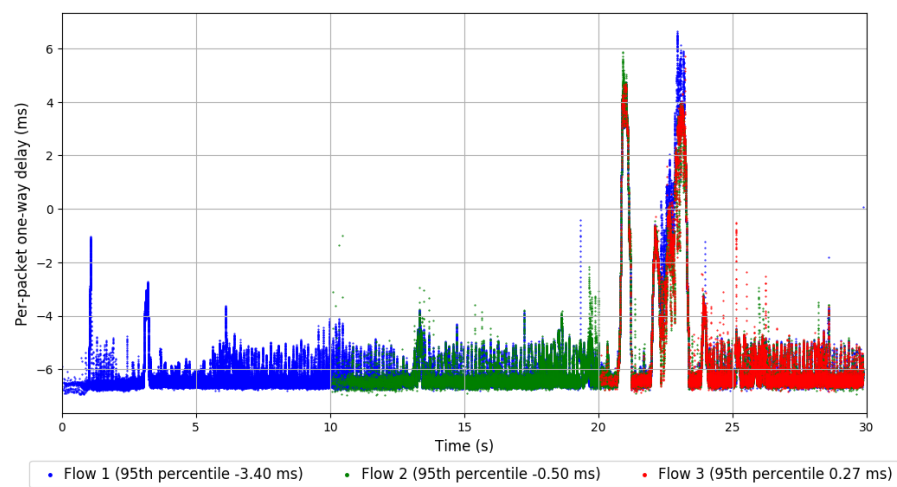
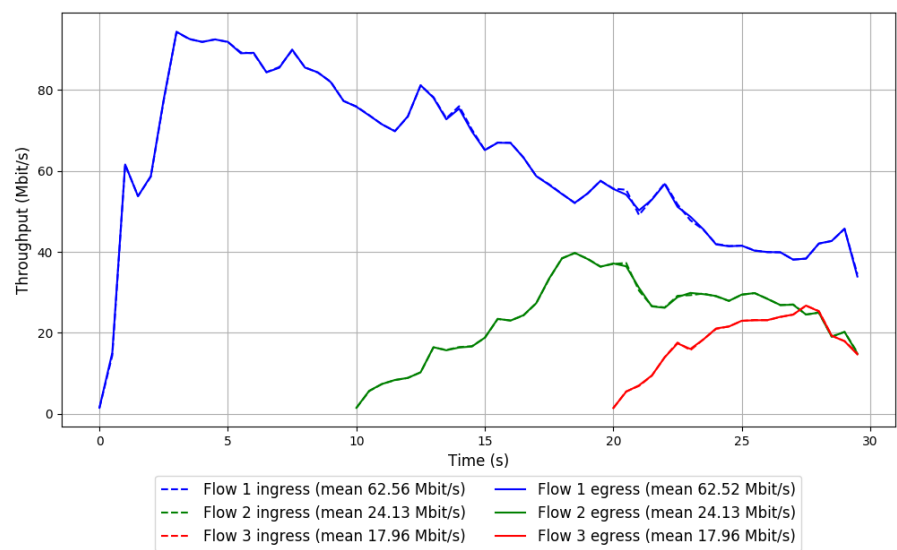


Run 9: Statistics of Vivace-latency

Start at: 2018-02-13 20:12:45
End at: 2018-02-13 20:13:15
Local clock offset: 4.173 ms
Remote clock offset: -28.627 ms

Below is generated by plot.py at 2018-02-13 21:50:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.48 Mbit/s
95th percentile per-packet one-way delay: -2.036 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.52 Mbit/s
95th percentile per-packet one-way delay: -3.402 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: -0.502 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 17.96 Mbit/s
95th percentile per-packet one-way delay: 0.270 ms
Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

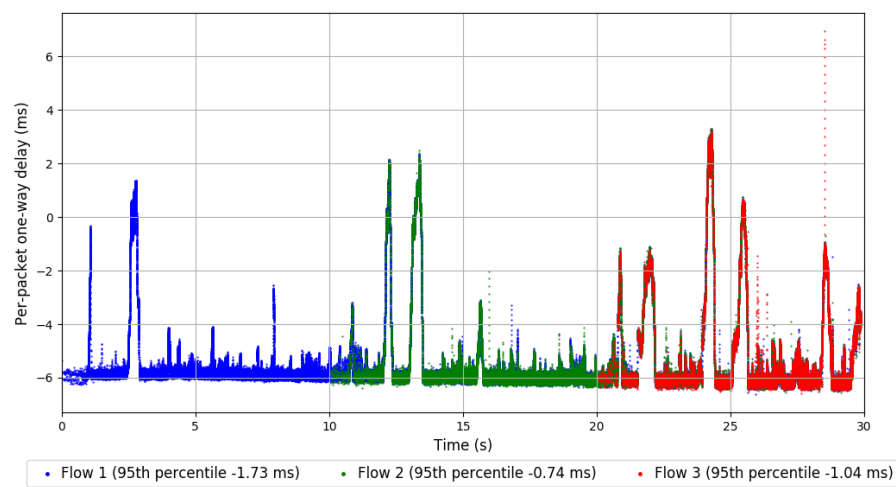
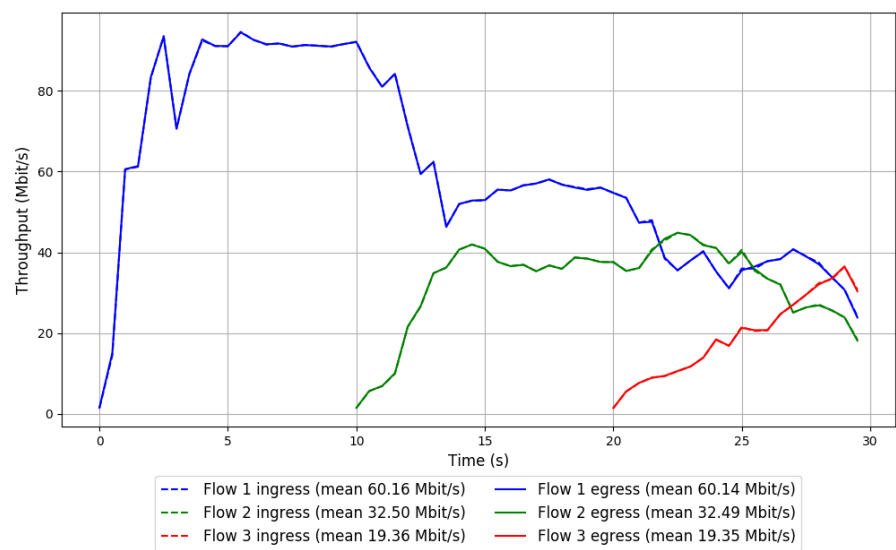


Run 10: Statistics of Vivace-latency

Start at: 2018-02-13 20:36:08
End at: 2018-02-13 20:36:38
Local clock offset: 3.186 ms
Remote clock offset: -30.895 ms

Below is generated by plot.py at 2018-02-13 21:51:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.12 Mbit/s
95th percentile per-packet one-way delay: -1.412 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 60.14 Mbit/s
95th percentile per-packet one-way delay: -1.725 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: -0.742 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 19.35 Mbit/s
95th percentile per-packet one-way delay: -1.038 ms
Loss rate: 0.04%

Run 10: Report of Vivace-latency — Data Link

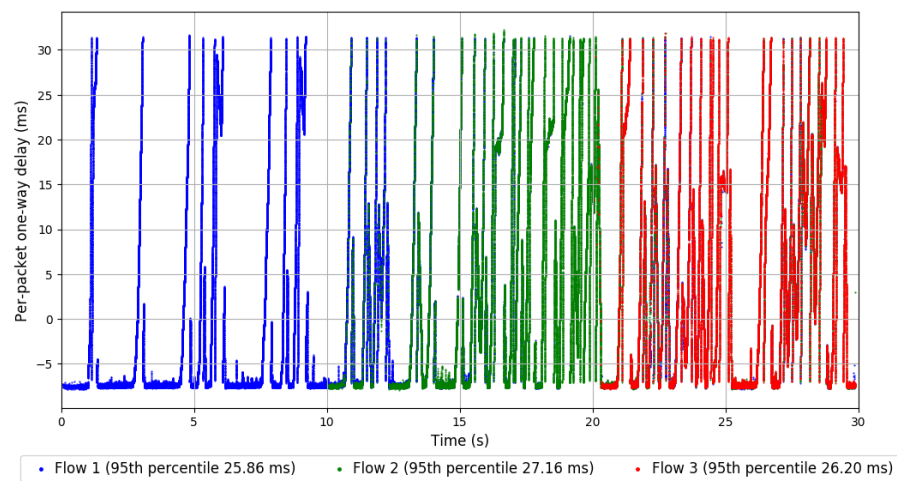
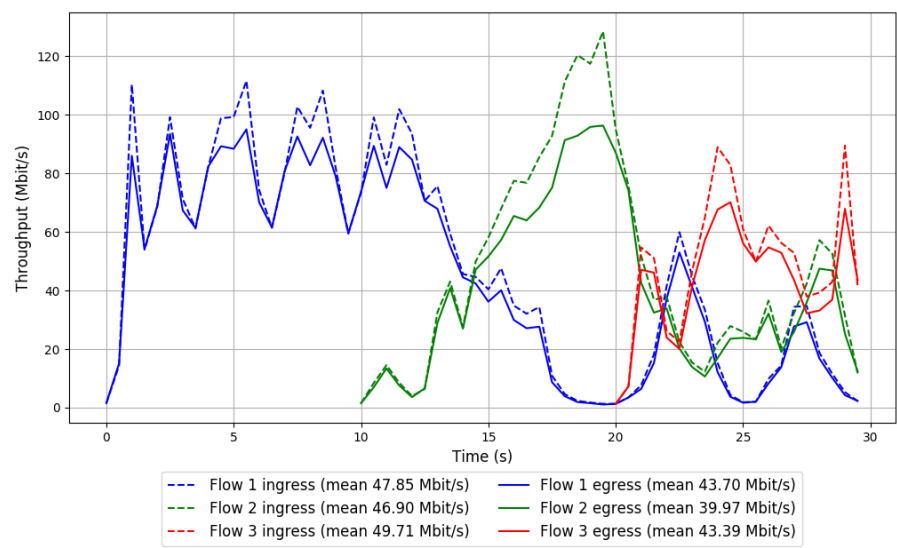


Run 1: Statistics of Vivace-loss

Start at: 2018-02-13 17:08:45
End at: 2018-02-13 17:09:15
Local clock offset: 2.753 ms
Remote clock offset: -23.74 ms

Below is generated by plot.py at 2018-02-13 21:51:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.54 Mbit/s
95th percentile per-packet one-way delay: 26.294 ms
Loss rate: 11.38%
-- Flow 1:
Average throughput: 43.70 Mbit/s
95th percentile per-packet one-way delay: 25.857 ms
Loss rate: 8.67%
-- Flow 2:
Average throughput: 39.97 Mbit/s
95th percentile per-packet one-way delay: 27.157 ms
Loss rate: 14.74%
-- Flow 3:
Average throughput: 43.39 Mbit/s
95th percentile per-packet one-way delay: 26.202 ms
Loss rate: 12.90%

Run 1: Report of Vivace-loss — Data Link

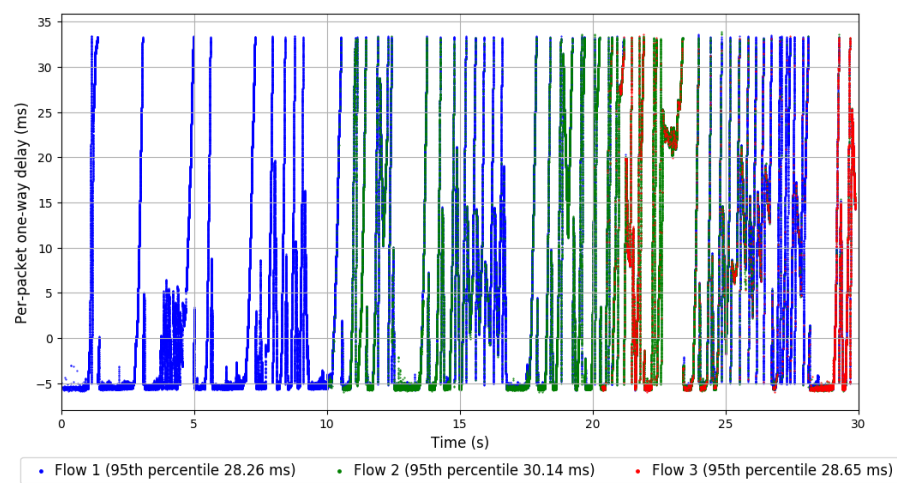
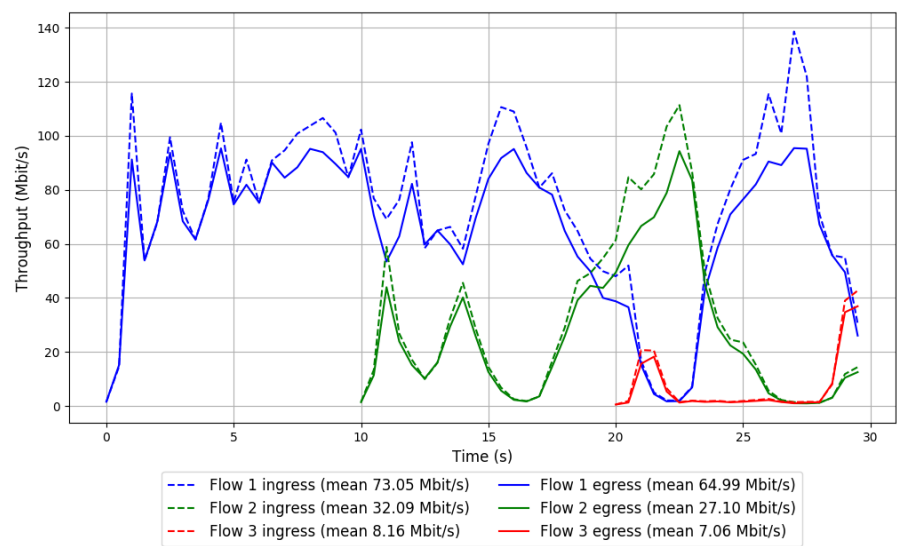


Run 2: Statistics of Vivace-loss

Start at: 2018-02-13 17:30:56
End at: 2018-02-13 17:31:26
Local clock offset: 1.863 ms
Remote clock offset: -19.95 ms

Below is generated by plot.py at 2018-02-13 21:52:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.34 Mbit/s
95th percentile per-packet one-way delay: 28.897 ms
Loss rate: 12.03%
-- Flow 1:
Average throughput: 64.99 Mbit/s
95th percentile per-packet one-way delay: 28.260 ms
Loss rate: 10.98%
-- Flow 2:
Average throughput: 27.10 Mbit/s
95th percentile per-packet one-way delay: 30.143 ms
Loss rate: 15.45%
-- Flow 3:
Average throughput: 7.06 Mbit/s
95th percentile per-packet one-way delay: 28.650 ms
Loss rate: 13.57%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-13 17:52:57

End at: 2018-02-13 17:53:27

Local clock offset: 4.649 ms

Remote clock offset: -20.031 ms

Below is generated by plot.py at 2018-02-13 21:52:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.16 Mbit/s

95th percentile per-packet one-way delay: 24.445 ms

Loss rate: 10.93%

-- Flow 1:

Average throughput: 60.11 Mbit/s

95th percentile per-packet one-way delay: 24.406 ms

Loss rate: 10.34%

-- Flow 2:

Average throughput: 24.68 Mbit/s

95th percentile per-packet one-way delay: 24.132 ms

Loss rate: 12.10%

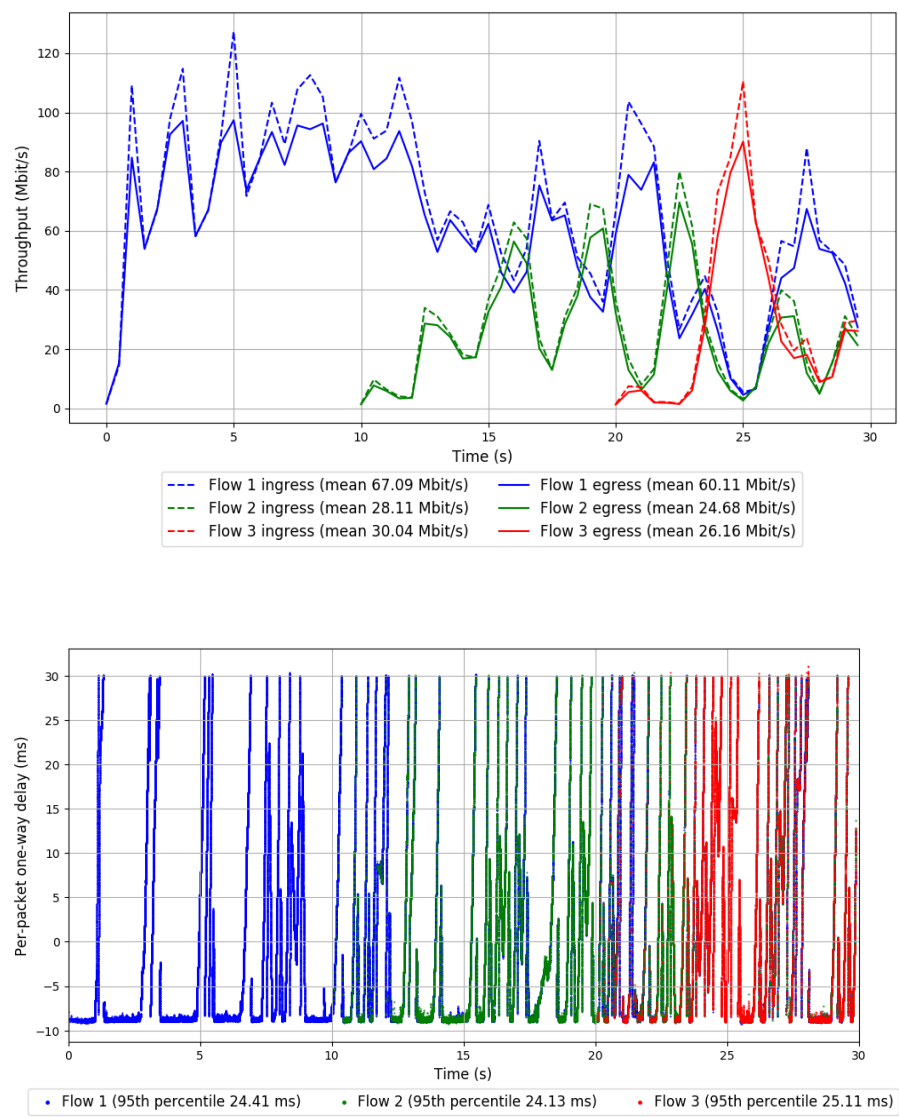
-- Flow 3:

Average throughput: 26.16 Mbit/s

95th percentile per-packet one-way delay: 25.113 ms

Loss rate: 12.72%

Run 3: Report of Vivace-loss — Data Link

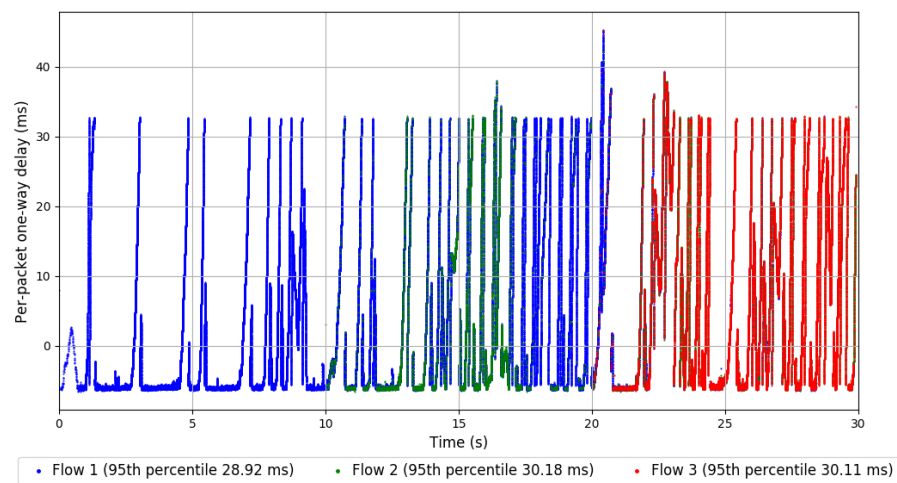
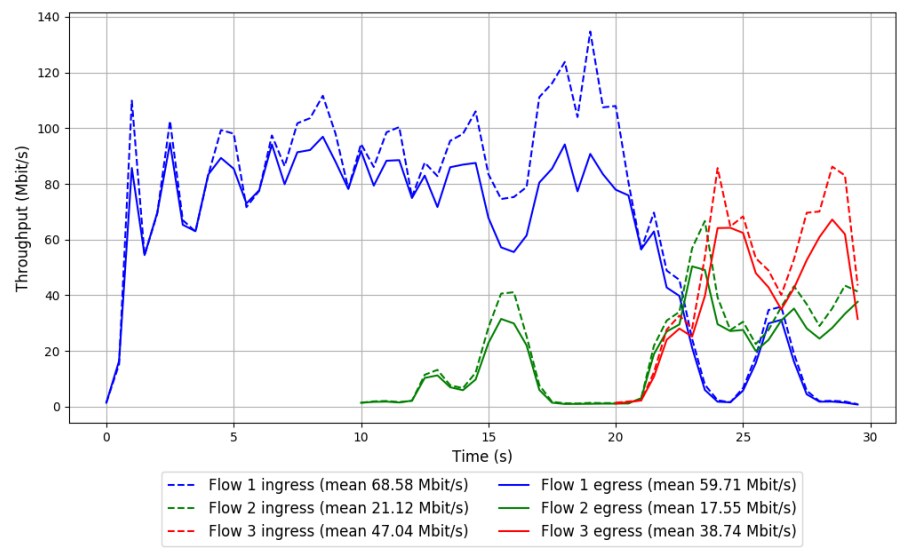


Run 4: Statistics of Vivace-loss

Start at: 2018-02-13 18:15:05
End at: 2018-02-13 18:15:35
Local clock offset: 1.213 ms
Remote clock offset: -20.238 ms

Below is generated by plot.py at 2018-02-13 21:52:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 29.413 ms
Loss rate: 14.16%
-- Flow 1:
Average throughput: 59.71 Mbit/s
95th percentile per-packet one-way delay: 28.918 ms
Loss rate: 12.90%
-- Flow 2:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 30.183 ms
Loss rate: 16.83%
-- Flow 3:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 30.114 ms
Loss rate: 17.32%

Run 4: Report of Vivace-loss — Data Link

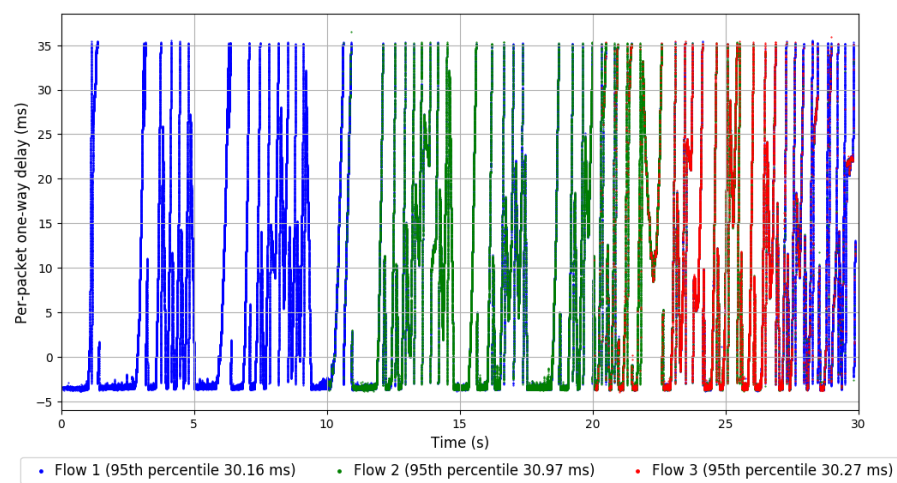
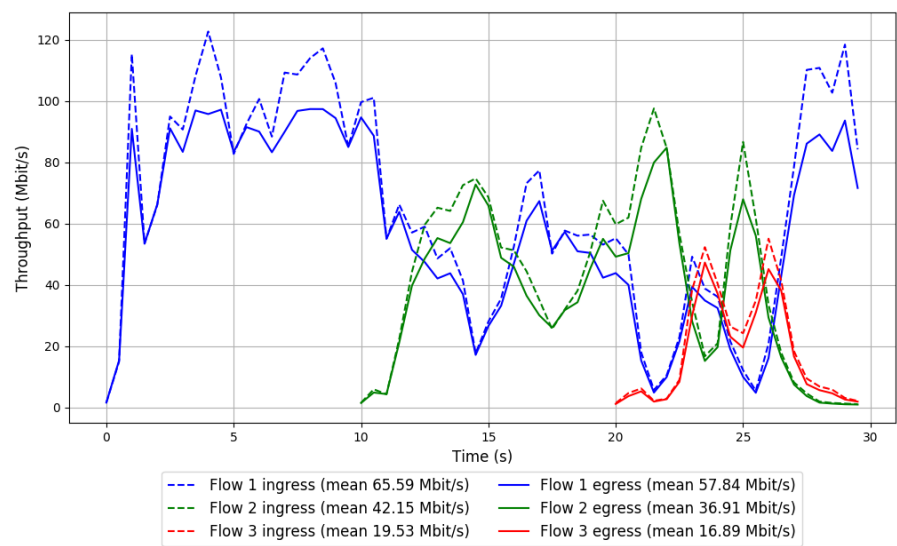


Run 5: Statistics of Vivace-loss

Start at: 2018-02-13 18:37:24
End at: 2018-02-13 18:37:54
Local clock offset: 1.431 ms
Remote clock offset: -8.314 ms

Below is generated by plot.py at 2018-02-13 21:52:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.94 Mbit/s
95th percentile per-packet one-way delay: 30.435 ms
Loss rate: 12.05%
-- Flow 1:
Average throughput: 57.84 Mbit/s
95th percentile per-packet one-way delay: 30.158 ms
Loss rate: 11.76%
-- Flow 2:
Average throughput: 36.91 Mbit/s
95th percentile per-packet one-way delay: 30.974 ms
Loss rate: 12.38%
-- Flow 3:
Average throughput: 16.89 Mbit/s
95th percentile per-packet one-way delay: 30.265 ms
Loss rate: 13.51%

Run 5: Report of Vivace-loss — Data Link

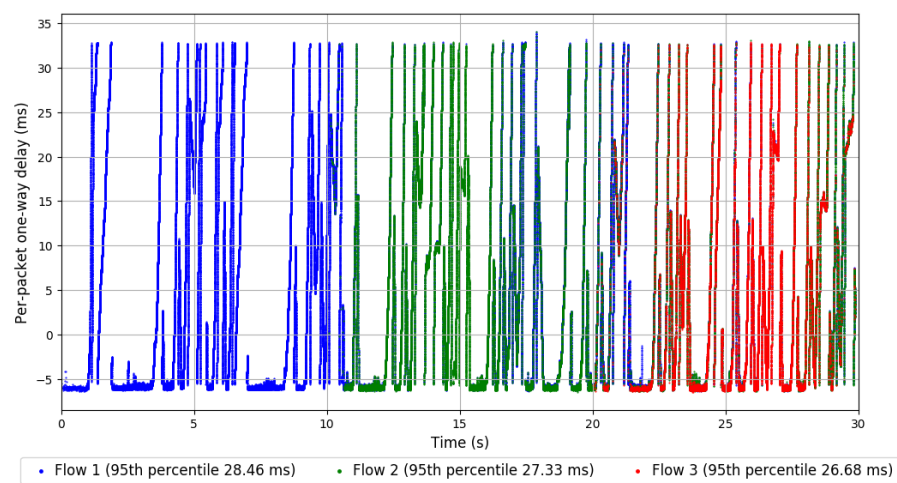
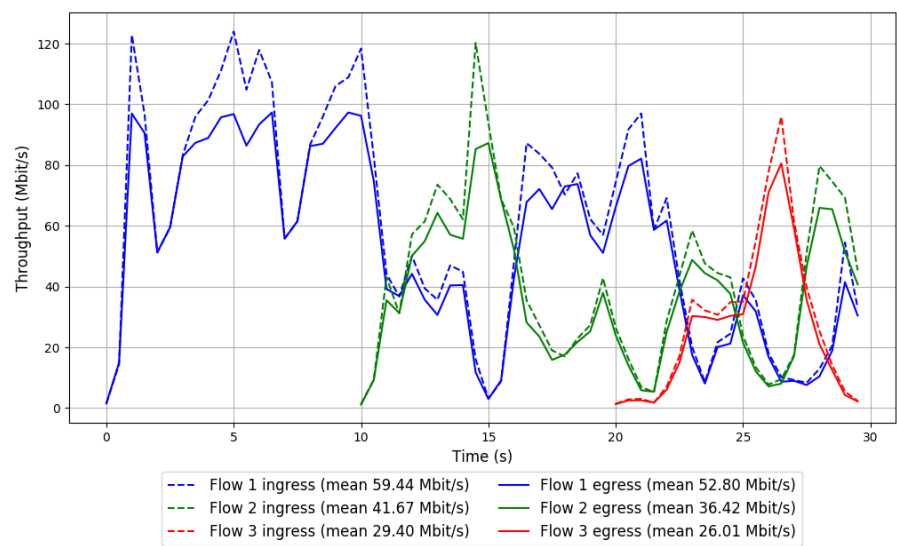


Run 6: Statistics of Vivace-loss

Start at: 2018-02-13 18:59:40
End at: 2018-02-13 19:00:10
Local clock offset: 2.404 ms
Remote clock offset: -6.619 ms

Below is generated by plot.py at 2018-02-13 21:52:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.54 Mbit/s
95th percentile per-packet one-way delay: 28.022 ms
Loss rate: 11.63%
-- Flow 1:
Average throughput: 52.80 Mbit/s
95th percentile per-packet one-way delay: 28.458 ms
Loss rate: 11.15%
-- Flow 2:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 27.334 ms
Loss rate: 12.72%
-- Flow 3:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 26.676 ms
Loss rate: 11.46%

Run 6: Report of Vivace-loss — Data Link

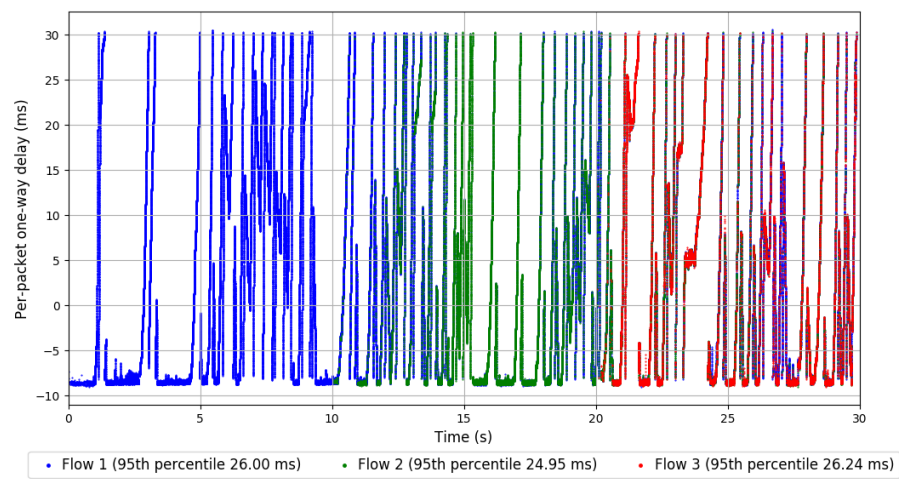
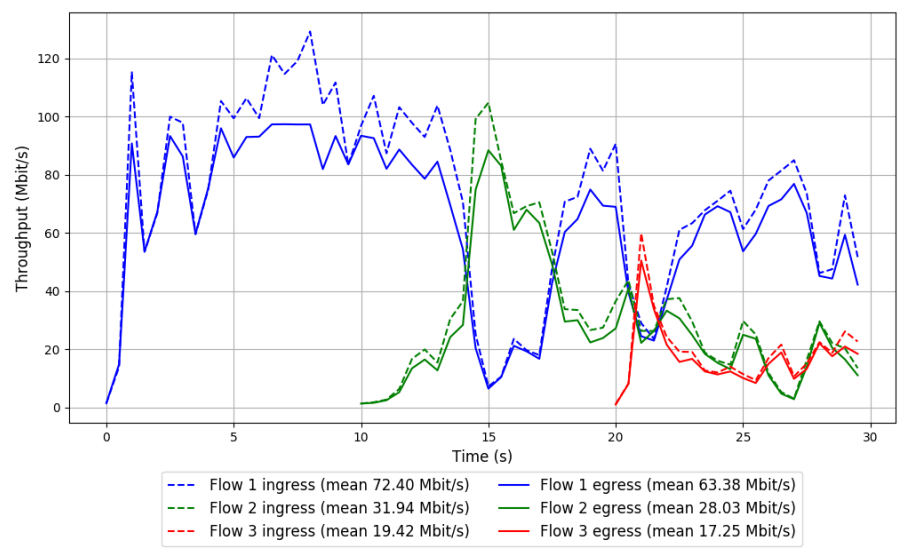


Run 7: Statistics of Vivace-loss

Start at: 2018-02-13 19:22:24
End at: 2018-02-13 19:22:54
Local clock offset: 4.145 ms
Remote clock offset: -3.202 ms

Below is generated by plot.py at 2018-02-13 21:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 25.822 ms
Loss rate: 12.31%
-- Flow 1:
Average throughput: 63.38 Mbit/s
95th percentile per-packet one-way delay: 26.000 ms
Loss rate: 12.43%
-- Flow 2:
Average throughput: 28.03 Mbit/s
95th percentile per-packet one-way delay: 24.949 ms
Loss rate: 12.20%
-- Flow 3:
Average throughput: 17.25 Mbit/s
95th percentile per-packet one-way delay: 26.238 ms
Loss rate: 11.19%

Run 7: Report of Vivace-loss — Data Link

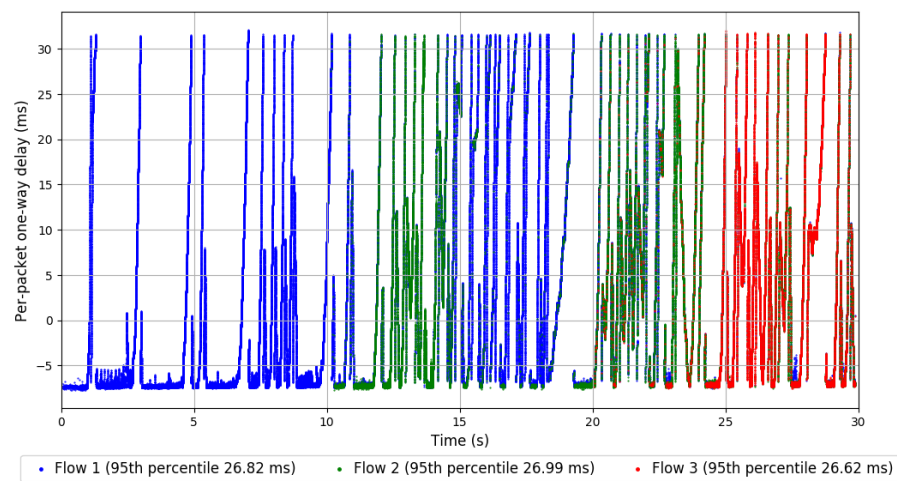
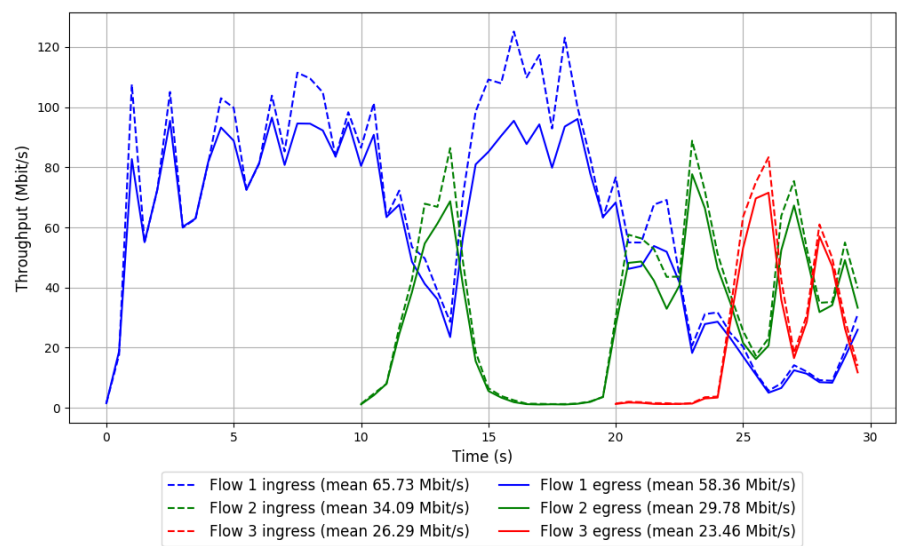


Run 8: Statistics of Vivace-loss

Start at: 2018-02-13 19:45:08
End at: 2018-02-13 19:45:38
Local clock offset: 4.417 ms
Remote clock offset: -22.126 ms

Below is generated by plot.py at 2018-02-13 21:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.88 Mbit/s
95th percentile per-packet one-way delay: 26.839 ms
Loss rate: 11.51%
-- Flow 1:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 26.816 ms
Loss rate: 11.20%
-- Flow 2:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 26.987 ms
Loss rate: 12.75%
-- Flow 3:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 26.623 ms
Loss rate: 10.70%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-13 20:07:36

End at: 2018-02-13 20:08:06

Local clock offset: 1.337 ms

Remote clock offset: -28.591 ms

Below is generated by plot.py at 2018-02-13 21:52:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.52 Mbit/s

95th percentile per-packet one-way delay: 29.683 ms

Loss rate: 12.28%

-- Flow 1:

Average throughput: 49.16 Mbit/s

95th percentile per-packet one-way delay: 29.102 ms

Loss rate: 9.39%

-- Flow 2:

Average throughput: 48.21 Mbit/s

95th percentile per-packet one-way delay: 30.188 ms

Loss rate: 16.50%

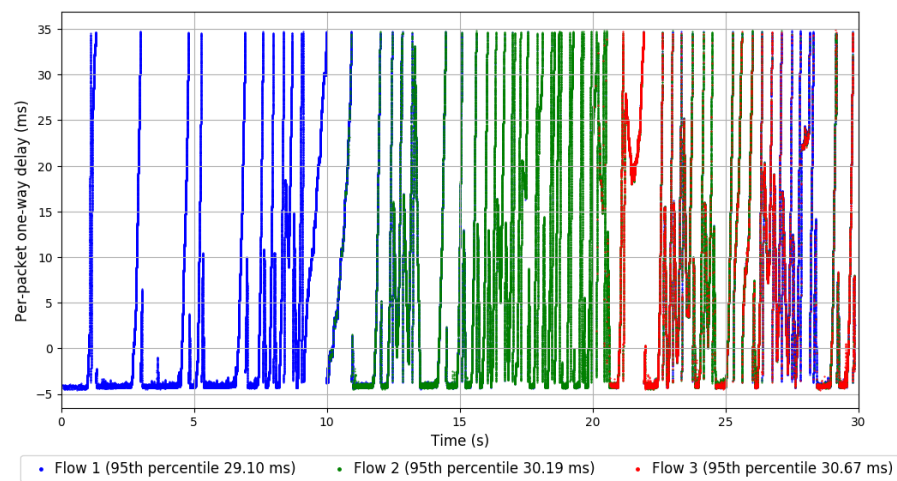
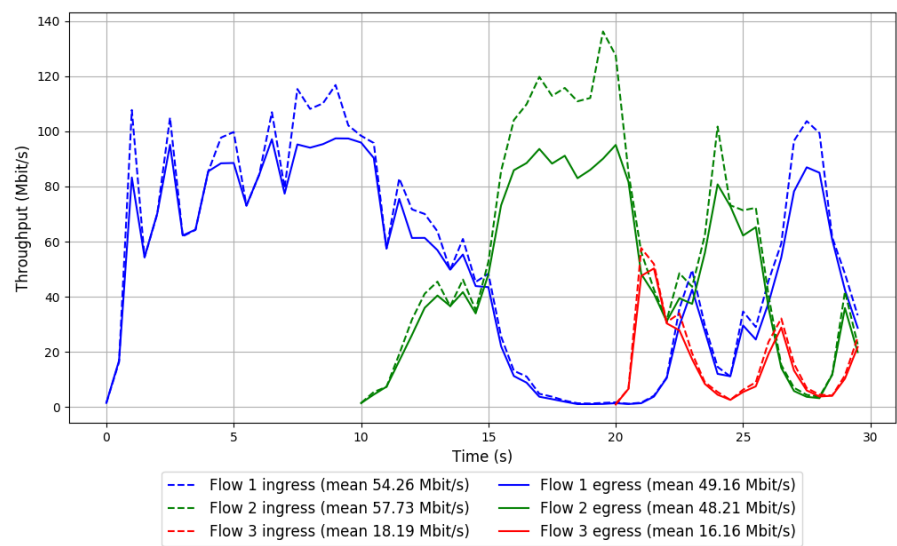
-- Flow 3:

Average throughput: 16.16 Mbit/s

95th percentile per-packet one-way delay: 30.669 ms

Loss rate: 11.45%

Run 9: Report of Vivace-loss — Data Link

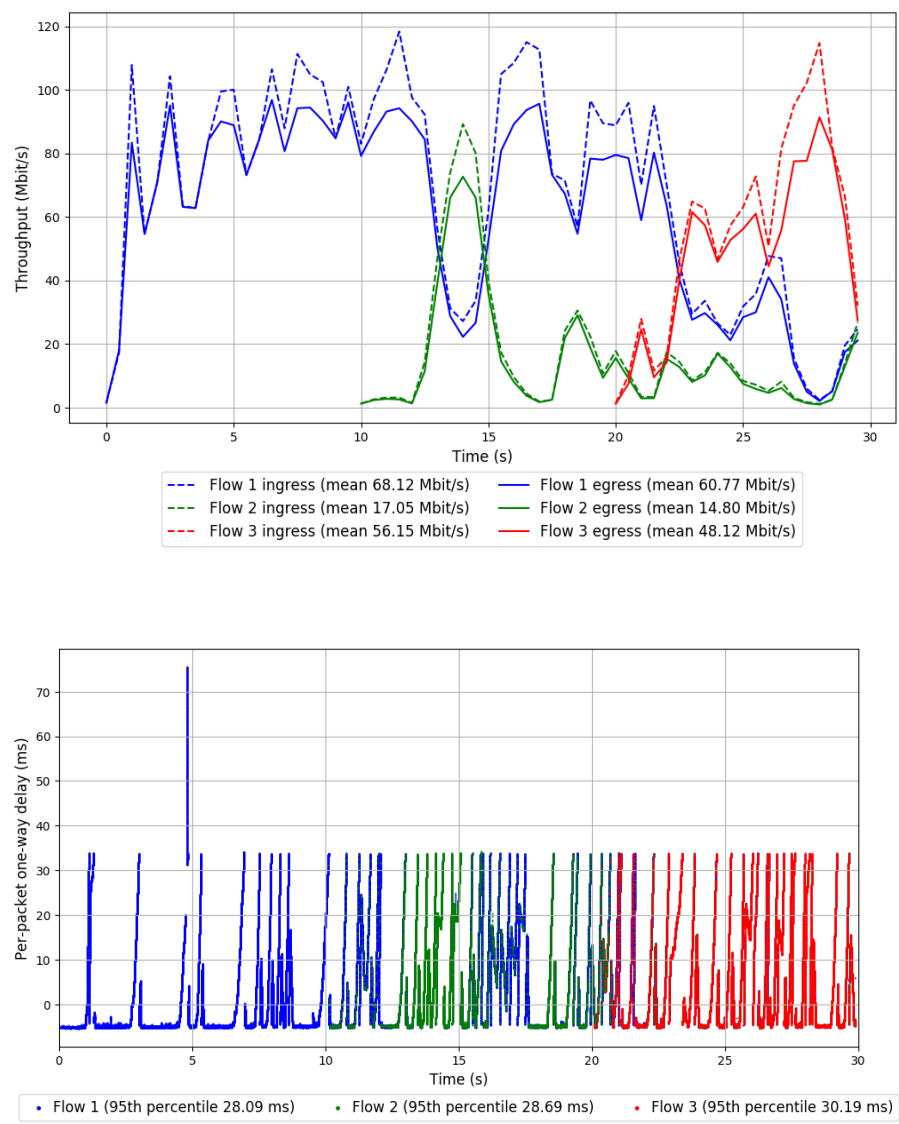


Run 10: Statistics of Vivace-loss

Start at: 2018-02-13 20:30:43
End at: 2018-02-13 20:31:13
Local clock offset: 1.794 ms
Remote clock offset: -32.531 ms

Below is generated by plot.py at 2018-02-13 21:53:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 28.615 ms
Loss rate: 11.74%
-- Flow 1:
Average throughput: 60.77 Mbit/s
95th percentile per-packet one-way delay: 28.088 ms
Loss rate: 10.76%
-- Flow 2:
Average throughput: 14.80 Mbit/s
95th percentile per-packet one-way delay: 28.687 ms
Loss rate: 13.32%
-- Flow 3:
Average throughput: 48.12 Mbit/s
95th percentile per-packet one-way delay: 30.191 ms
Loss rate: 14.39%

Run 10: Report of Vivace-loss — Data Link

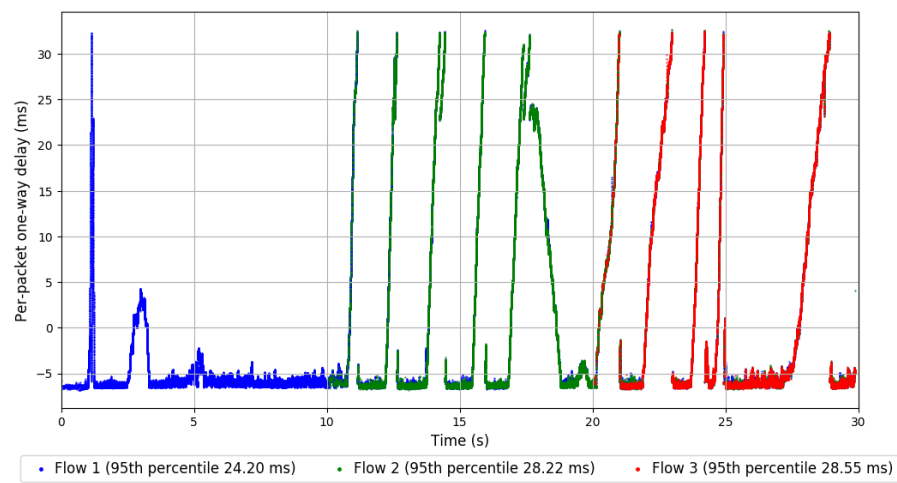
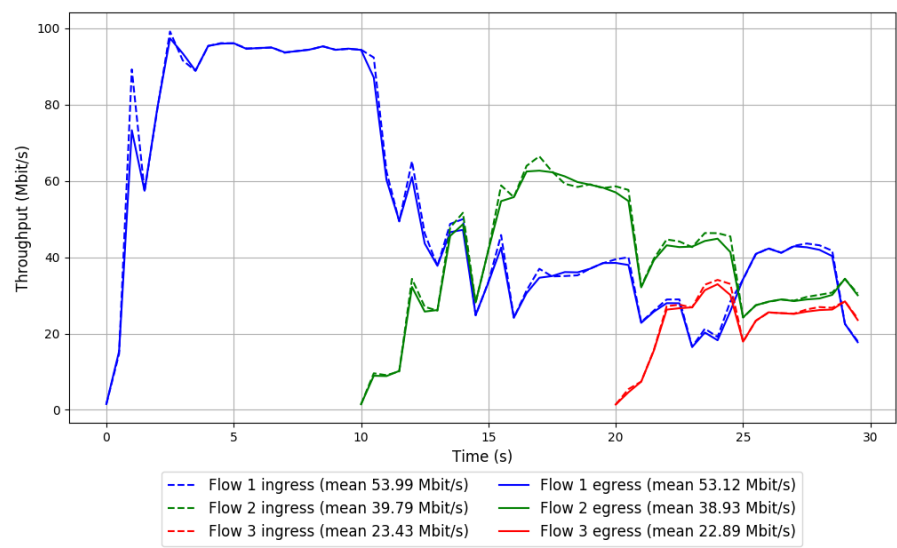


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-13 17:25:56
End at: 2018-02-13 17:26:26
Local clock offset: 0.916 ms
Remote clock offset: -21.989 ms

Below is generated by plot.py at 2018-02-13 21:53:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 26.249 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 53.12 Mbit/s
95th percentile per-packet one-way delay: 24.204 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 38.93 Mbit/s
95th percentile per-packet one-way delay: 28.219 ms
Loss rate: 2.13%
-- Flow 3:
Average throughput: 22.89 Mbit/s
95th percentile per-packet one-way delay: 28.553 ms
Loss rate: 2.26%

Run 1: Report of Vivace-LTE — Data Link

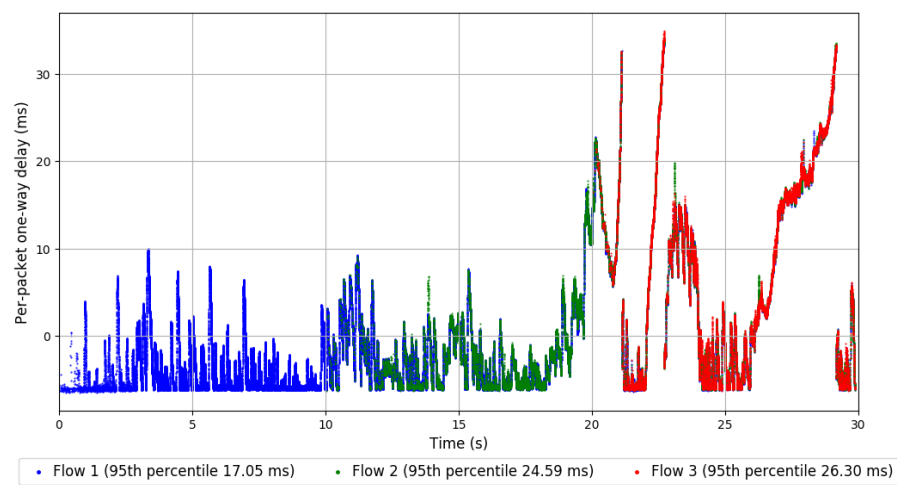
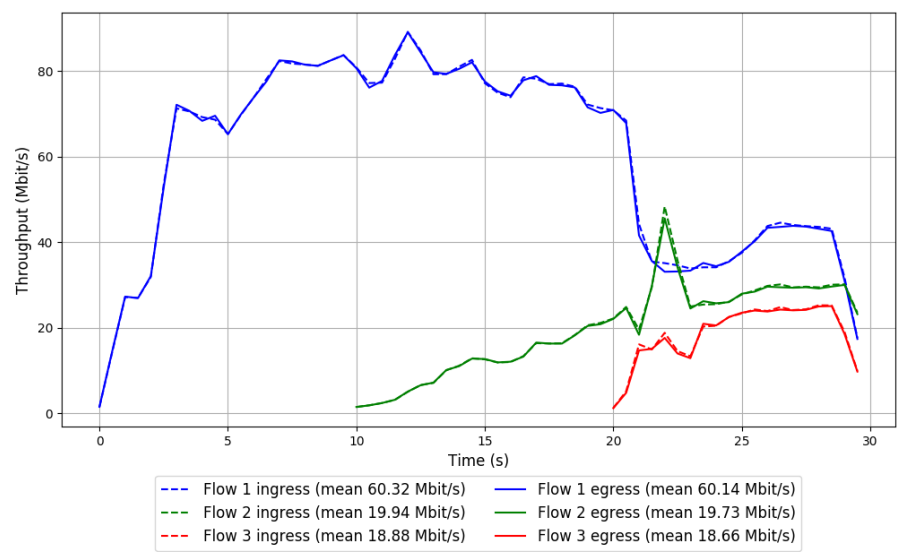


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-13 17:48:02
End at: 2018-02-13 17:48:32
Local clock offset: 3.589 ms
Remote clock offset: -18.849 ms

Below is generated by plot.py at 2018-02-13 21:53:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.39 Mbit/s
95th percentile per-packet one-way delay: 21.131 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 60.14 Mbit/s
95th percentile per-packet one-way delay: 17.053 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 19.73 Mbit/s
95th percentile per-packet one-way delay: 24.587 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 18.66 Mbit/s
95th percentile per-packet one-way delay: 26.299 ms
Loss rate: 1.41%

Run 2: Report of Vivace-LTE — Data Link

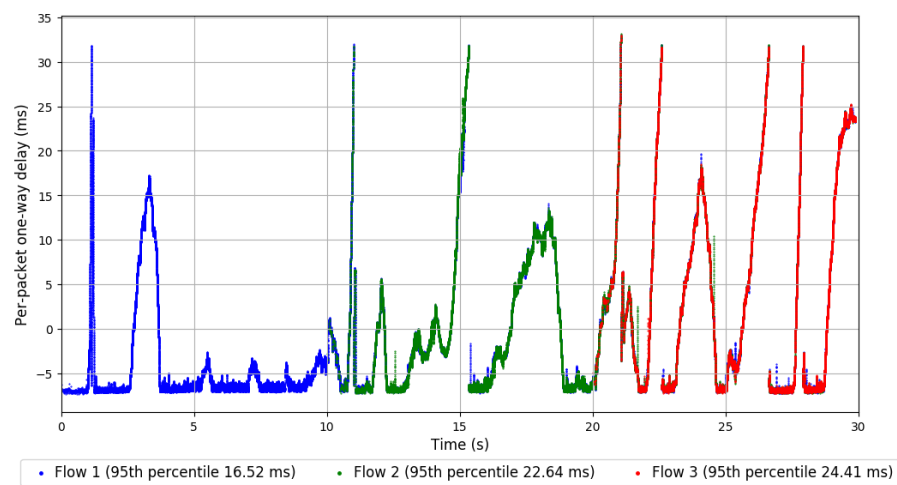
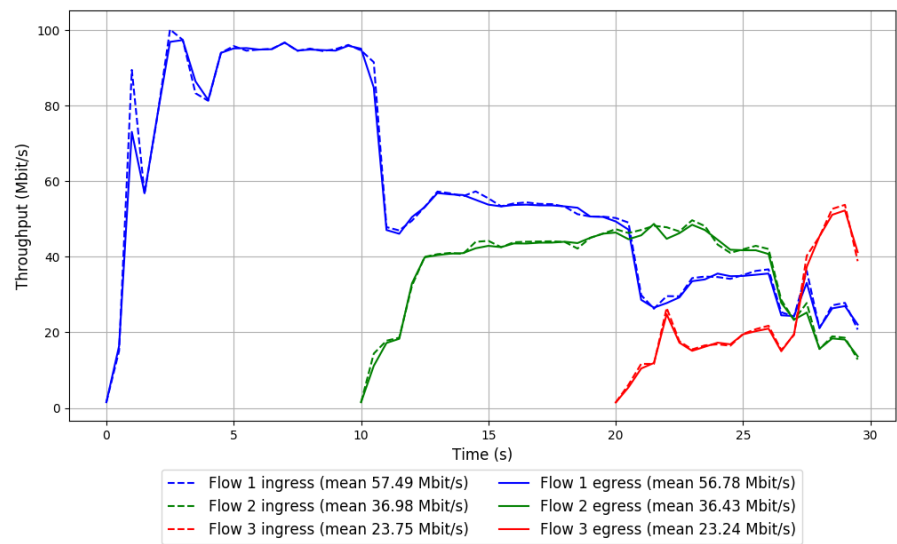


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-13 18:09:52
End at: 2018-02-13 18:10:22
Local clock offset: 3.939 ms
Remote clock offset: -19.154 ms

Below is generated by plot.py at 2018-02-13 21:53:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.71 Mbit/s
95th percentile per-packet one-way delay: 21.580 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 56.78 Mbit/s
95th percentile per-packet one-way delay: 16.519 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 36.43 Mbit/s
95th percentile per-packet one-way delay: 22.640 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 23.24 Mbit/s
95th percentile per-packet one-way delay: 24.408 ms
Loss rate: 1.86%

Run 3: Report of Vivace-LTE — Data Link

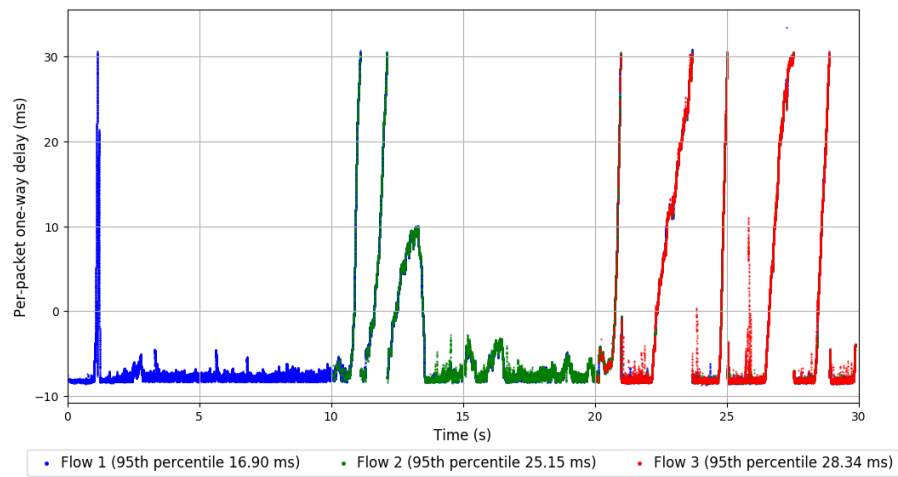
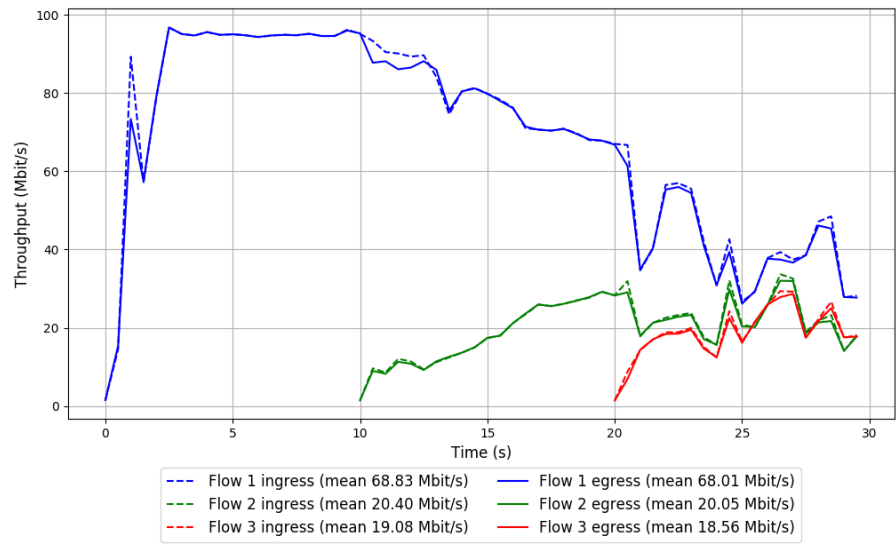


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-13 18:32:30
End at: 2018-02-13 18:33:00
Local clock offset: 4.543 ms
Remote clock offset: -11.122 ms

Below is generated by plot.py at 2018-02-13 21:53:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 21.469 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 68.01 Mbit/s
95th percentile per-packet one-way delay: 16.899 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 25.147 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 18.56 Mbit/s
95th percentile per-packet one-way delay: 28.342 ms
Loss rate: 2.68%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-13 18:54:35

End at: 2018-02-13 18:55:05

Local clock offset: 4.573 ms

Remote clock offset: -6.29 ms

Below is generated by plot.py at 2018-02-13 21:53:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.83 Mbit/s

95th percentile per-packet one-way delay: 20.902 ms

Loss rate: 1.41%

-- Flow 1:

Average throughput: 57.81 Mbit/s

95th percentile per-packet one-way delay: 18.262 ms

Loss rate: 1.24%

-- Flow 2:

Average throughput: 34.96 Mbit/s

95th percentile per-packet one-way delay: 21.564 ms

Loss rate: 1.36%

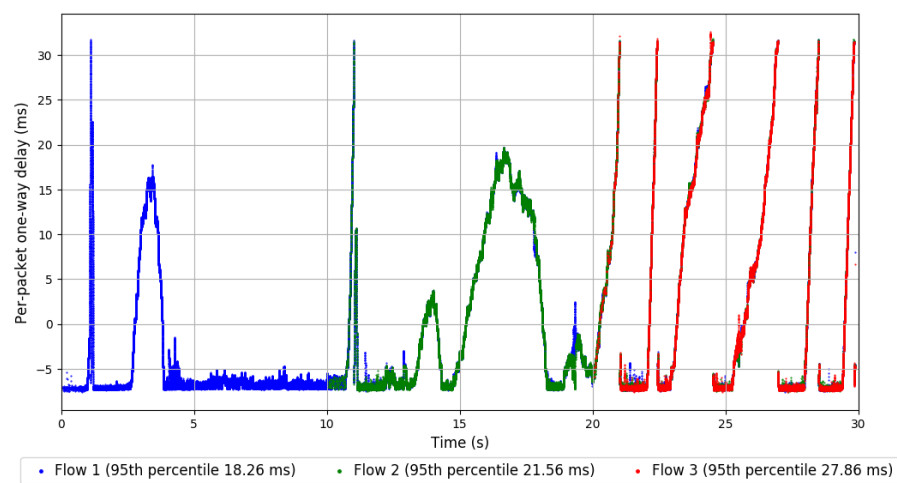
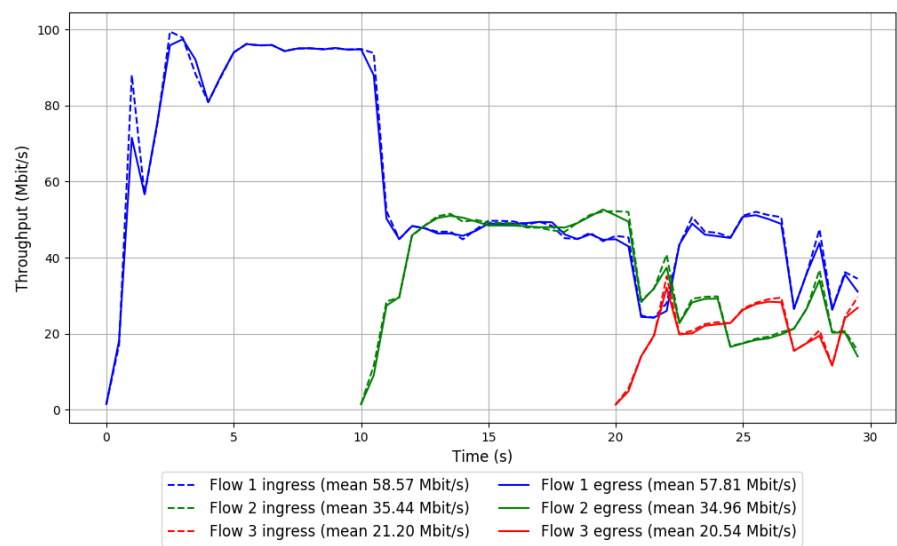
-- Flow 3:

Average throughput: 20.54 Mbit/s

95th percentile per-packet one-way delay: 27.864 ms

Loss rate: 2.99%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-13 19:17:23

End at: 2018-02-13 19:17:53

Local clock offset: 2.875 ms

Remote clock offset: -1.36 ms

Below is generated by plot.py at 2018-02-13 21:53:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.16 Mbit/s

95th percentile per-packet one-way delay: 24.756 ms

Loss rate: 1.76%

-- Flow 1:

Average throughput: 57.32 Mbit/s

95th percentile per-packet one-way delay: 22.714 ms

Loss rate: 1.59%

-- Flow 2:

Average throughput: 29.21 Mbit/s

95th percentile per-packet one-way delay: 28.346 ms

Loss rate: 2.28%

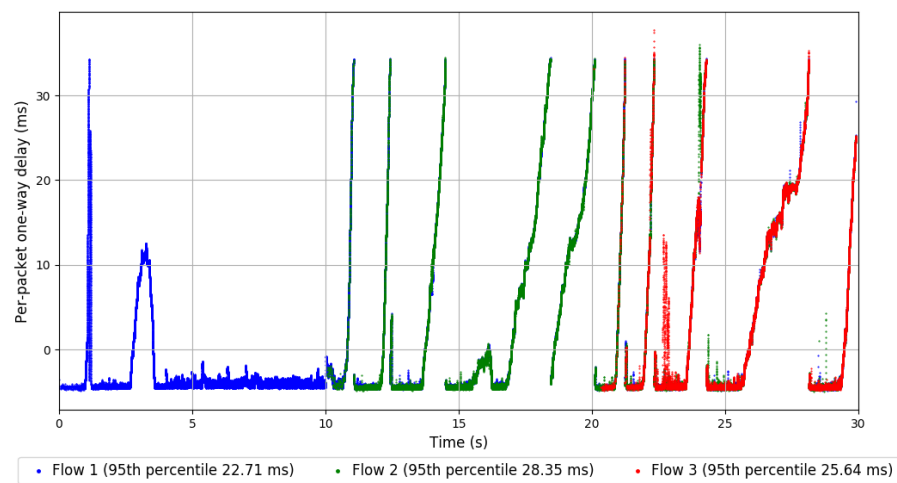
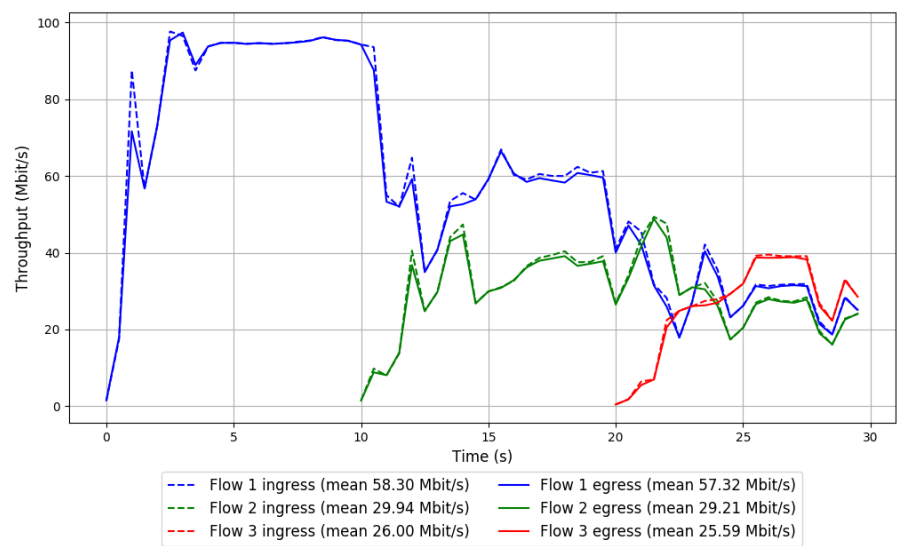
-- Flow 3:

Average throughput: 25.59 Mbit/s

95th percentile per-packet one-way delay: 25.636 ms

Loss rate: 1.69%

Run 6: Report of Vivace-LTE — Data Link

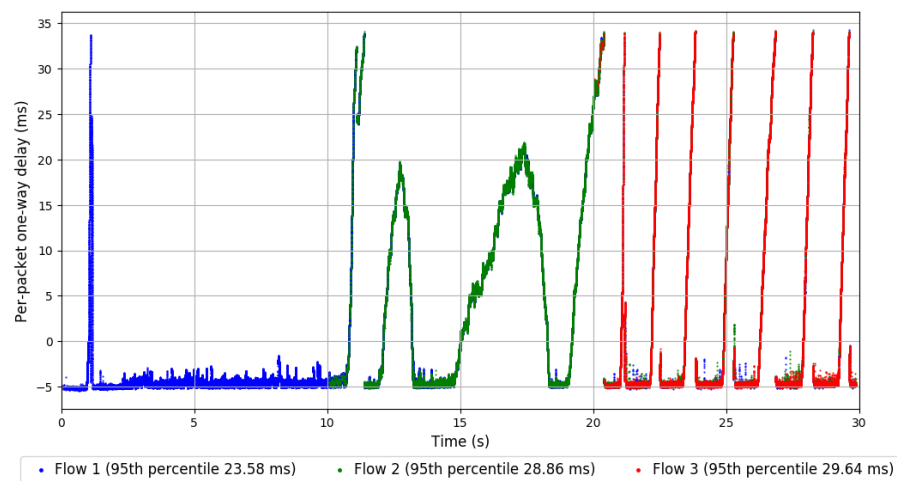
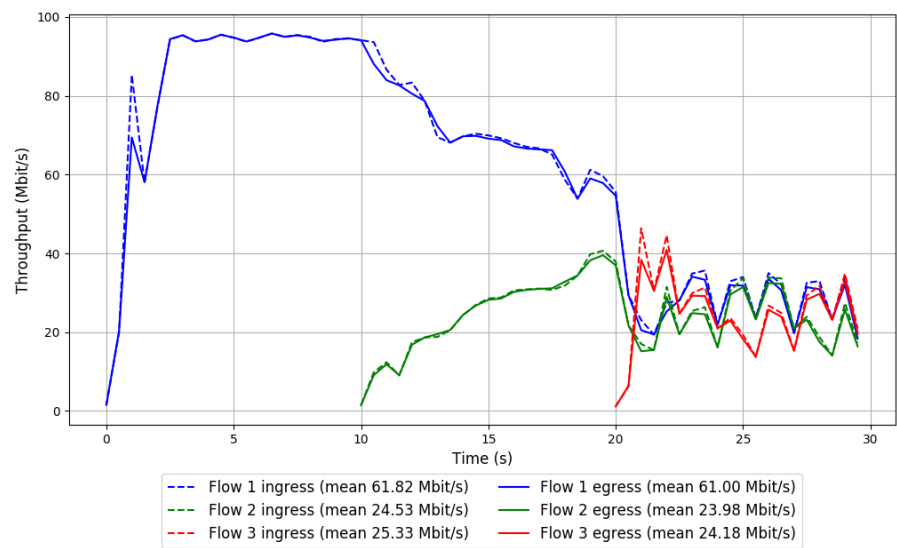


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-13 19:39:53
End at: 2018-02-13 19:40:23
Local clock offset: 2.6 ms
Remote clock offset: -18.861 ms

Below is generated by plot.py at 2018-02-13 21:54:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 26.312 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 23.579 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 28.862 ms
Loss rate: 2.22%
-- Flow 3:
Average throughput: 24.18 Mbit/s
95th percentile per-packet one-way delay: 29.641 ms
Loss rate: 4.86%

Run 7: Report of Vivace-LTE — Data Link

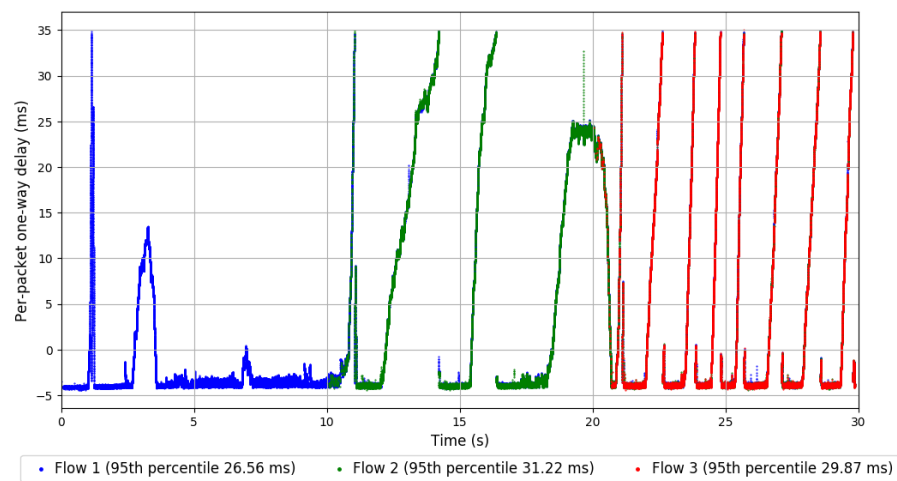
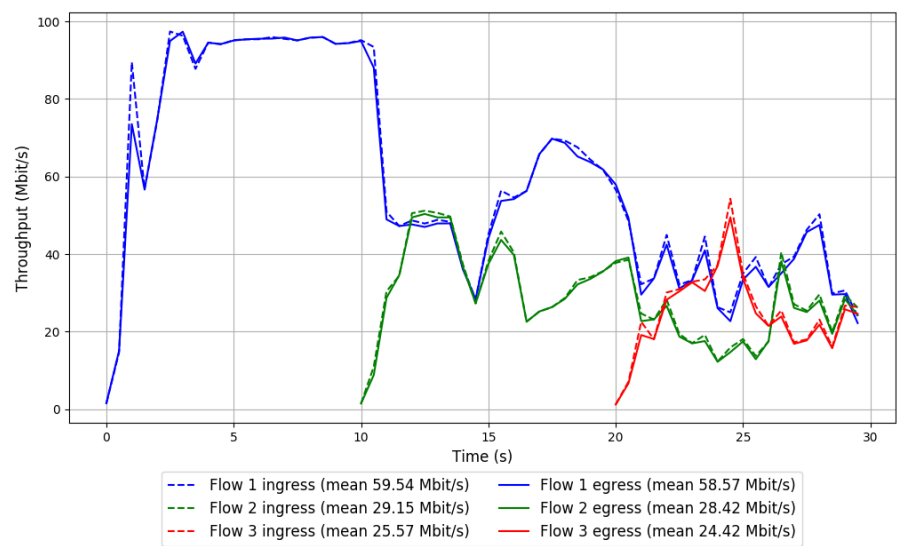


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-13 20:02:30
End at: 2018-02-13 20:03:00
Local clock offset: 2.431 ms
Remote clock offset: -26.26 ms

Below is generated by plot.py at 2018-02-13 21:54:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 28.491 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 58.57 Mbit/s
95th percentile per-packet one-way delay: 26.559 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 28.42 Mbit/s
95th percentile per-packet one-way delay: 31.217 ms
Loss rate: 2.53%
-- Flow 3:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 29.870 ms
Loss rate: 4.79%

Run 8: Report of Vivace-LTE — Data Link

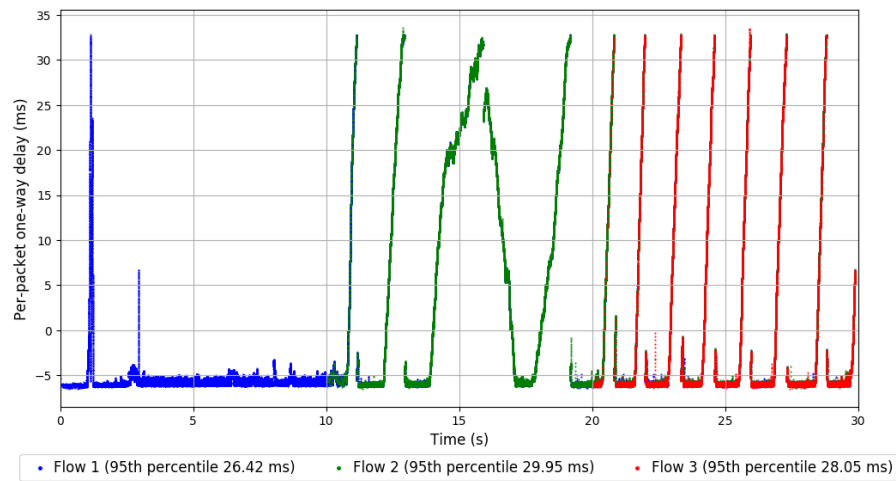
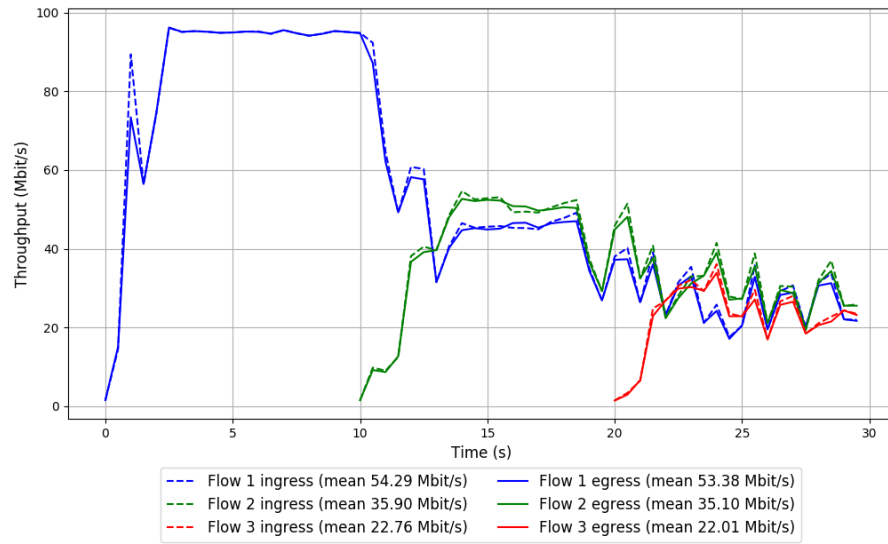


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-13 20:25:15
End at: 2018-02-13 20:25:45
Local clock offset: 1.889 ms
Remote clock offset: -32.767 ms

Below is generated by plot.py at 2018-02-13 21:54:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 28.216 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 53.38 Mbit/s
95th percentile per-packet one-way delay: 26.420 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 35.10 Mbit/s
95th percentile per-packet one-way delay: 29.953 ms
Loss rate: 2.19%
-- Flow 3:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 28.046 ms
Loss rate: 3.18%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-13 20:48:25
End at: 2018-02-13 20:48:55
Local clock offset: 4.026 ms
Remote clock offset: -23.857 ms

Below is generated by plot.py at 2018-02-13 21:54:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.11 Mbit/s
95th percentile per-packet one-way delay: 22.633 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 20.470 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 26.72 Mbit/s
95th percentile per-packet one-way delay: 26.705 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 28.439 ms
Loss rate: 3.70%

Run 10: Report of Vivace-LTE — Data Link

