

Pantheon Report

Generated at 2018-02-03 06:33:01 (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).

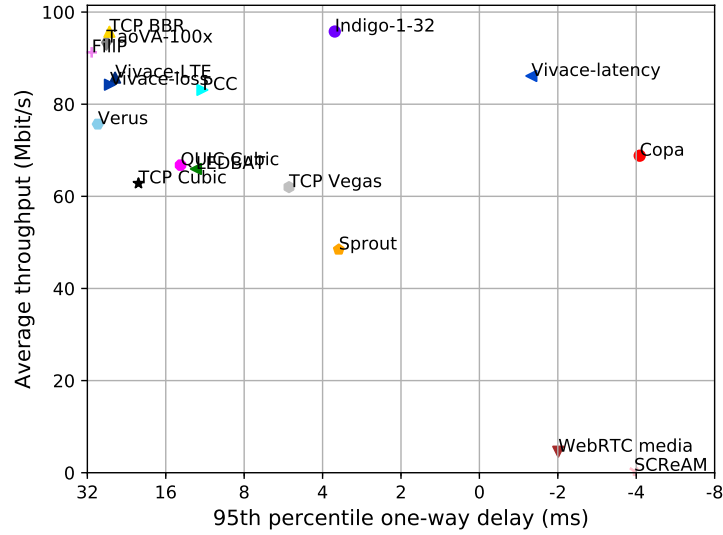
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

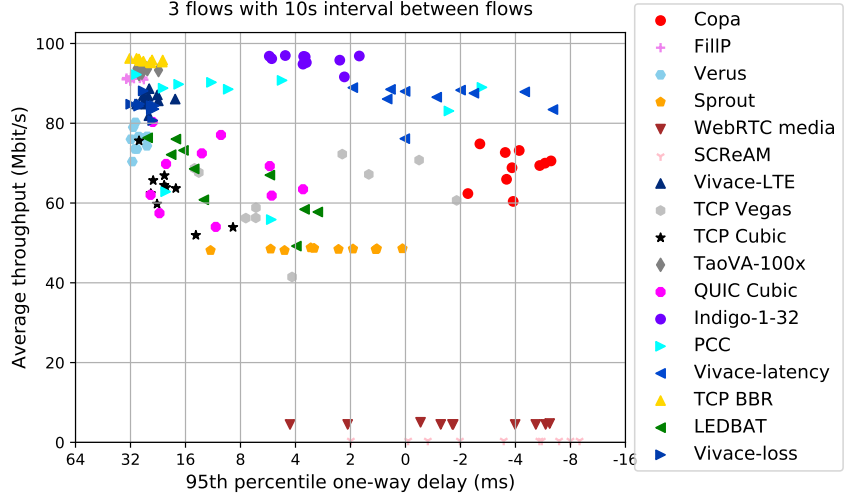
Git summary:

```
branch: master @ 70217998b3c9a7166a95460a70c0854d1326e100
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ fb9c9ab842e5614ad52911a76fb9bd1c1b0dca86
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



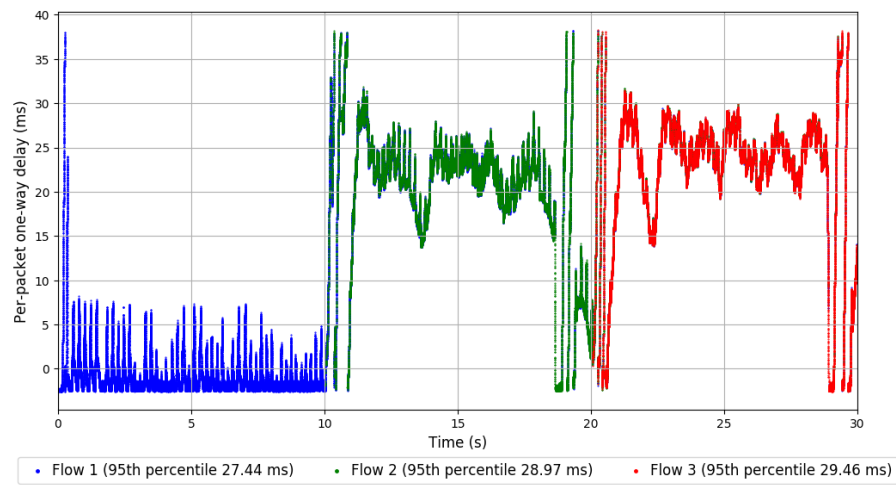
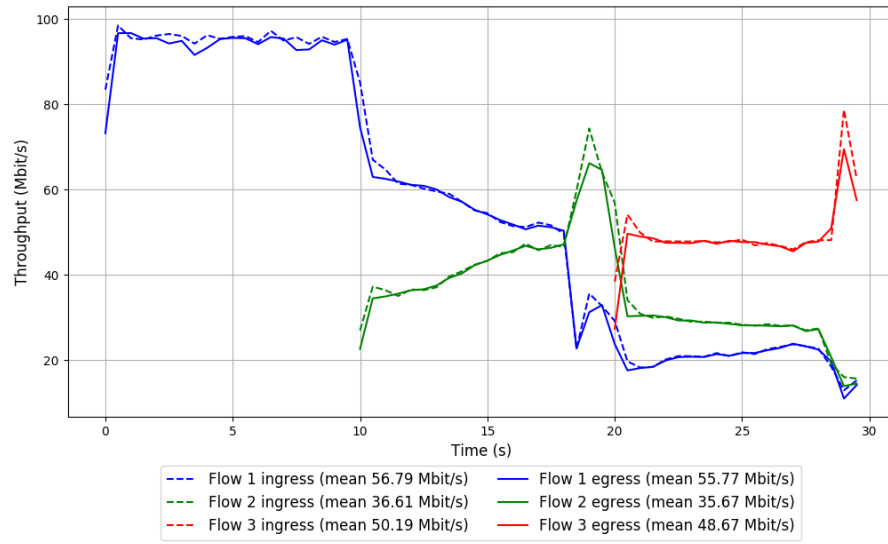
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	58.11	38.19	36.76	24.81	27.28	27.82	2.08	2.86	3.30
TCP Cubic	10	33.65	28.87	29.99	20.20	18.27	21.29	0.49	0.45	0.79
LEDBAT	10	39.63	27.40	24.32	9.75	13.34	11.98	0.07	0.12	0.14
PCC	10	64.75	22.82	9.65	10.11	13.11	13.19	1.52	1.54	1.32
QUIC Cubic	10	37.23	30.93	27.41	9.72	15.47	13.57	0.42	0.65	0.33
SCReAM	10	0.21	0.21	0.22	-3.97	-3.93	-4.25	0.00	0.00	0.00
WebRTC media	10	2.40	1.53	0.65	-2.25	-1.95	-1.56	0.01	0.00	0.03
Sprout	10	24.39	24.29	23.98	3.16	3.58	3.58	0.18	0.22	0.27
TaoVA-100x	10	55.64	40.18	33.08	24.15	27.98	30.11	5.18	9.28	18.09
TCP Vegas	10	34.78	28.40	25.03	4.26	5.31	3.19	0.43	0.30	0.33
Verus	10	48.73	29.90	24.18	27.49	29.73	31.01	18.41	24.37	31.55
Copa	10	35.27	34.52	31.79	-4.08	-4.22	-4.07	0.54	0.85	1.23
FillP	10	52.24	40.11	37.30	28.93	31.84	32.01	14.32	23.51	27.41
Indigo-1-32	10	53.81	39.90	47.39	2.92	4.06	5.00	1.28	1.01	0.88
Vivace-latency	10	59.34	31.13	18.52	-2.07	-0.45	1.95	0.69	0.67	0.84
Vivace-loss	10	55.49	30.81	25.05	26.19	25.88	26.03	9.85	10.18	11.06
Vivace-LTE	10	58.57	29.52	23.05	22.98	27.38	27.82	2.35	2.82	3.42

Run 1: Statistics of TCP BBR

Start at: 2018-02-03 01:57:21
End at: 2018-02-03 01:57:51
Local clock offset: -3.844 ms
Remote clock offset: -19.326 ms

Below is generated by plot.py at 2018-02-03 06:07:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 28.490 ms
Loss rate: 2.14%
-- Flow 1:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 27.436 ms
Loss rate: 1.75%
-- Flow 2:
Average throughput: 35.67 Mbit/s
95th percentile per-packet one-way delay: 28.973 ms
Loss rate: 2.48%
-- Flow 3:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 29.456 ms
Loss rate: 2.96%

Run 1: Report of TCP BBR — Data Link

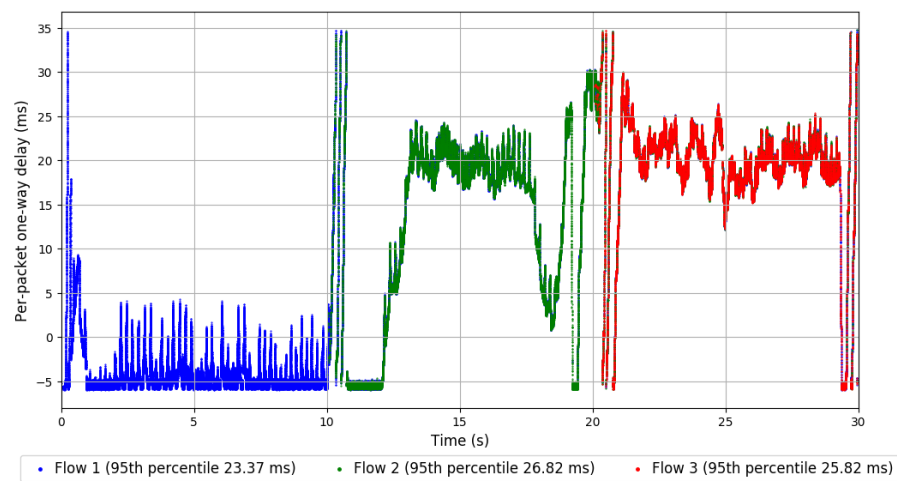
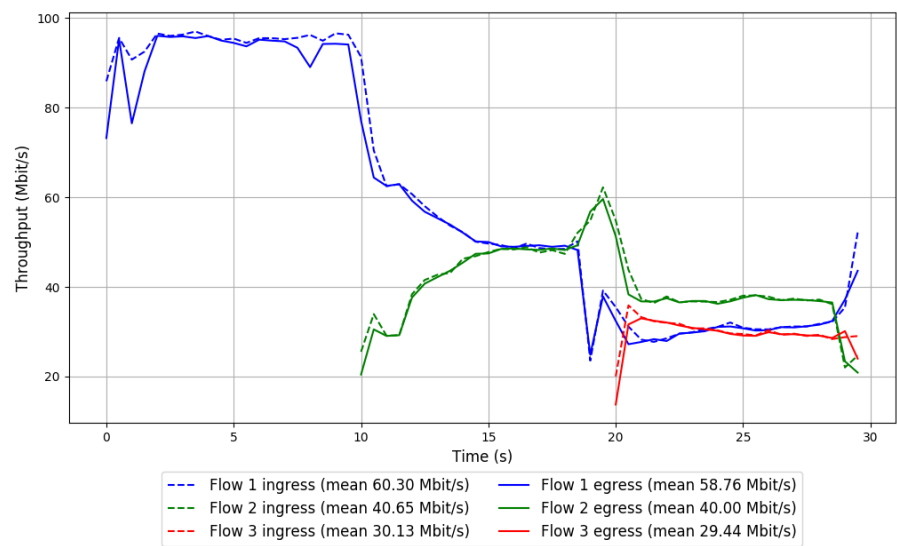


Run 2: Statistics of TCP BBR

Start at: 2018-02-03 02:19:19
End at: 2018-02-03 02:19:49
Local clock offset: 0.092 ms
Remote clock offset: -19.719 ms

Below is generated by plot.py at 2018-02-03 06:07:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.14 Mbit/s
95th percentile per-packet one-way delay: 24.717 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 58.76 Mbit/s
95th percentile per-packet one-way delay: 23.373 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 26.817 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 25.822 ms
Loss rate: 2.62%

Run 2: Report of TCP BBR — Data Link

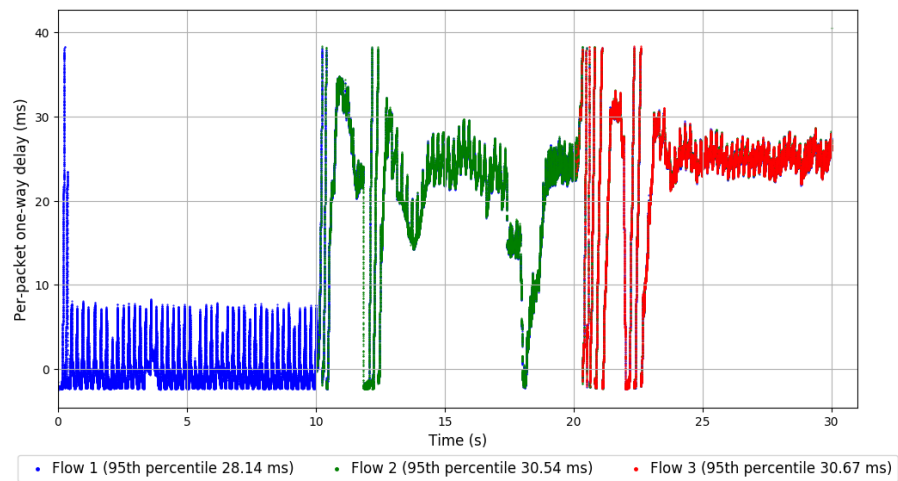
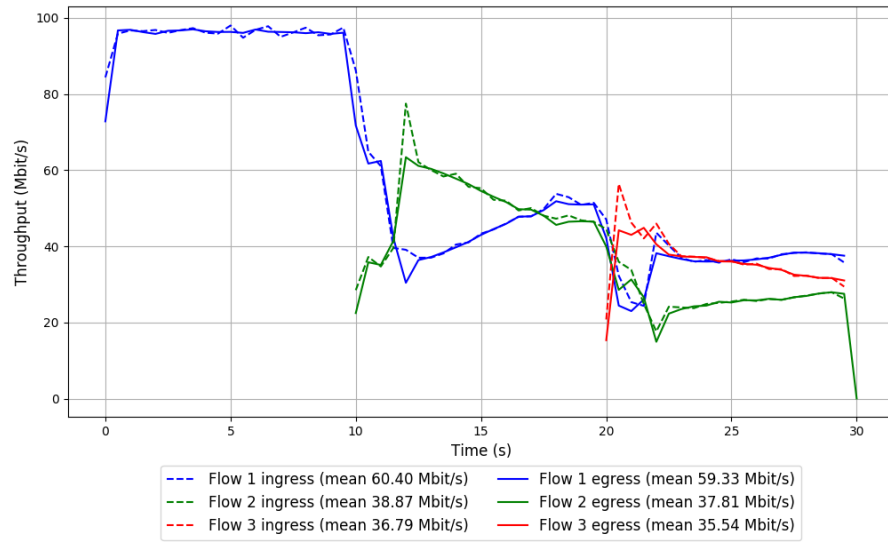


Run 3: Statistics of TCP BBR

Start at: 2018-02-03 02:41:36
End at: 2018-02-03 02:42:06
Local clock offset: -3.359 ms
Remote clock offset: -19.814 ms

Below is generated by plot.py at 2018-02-03 06:07:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 29.654 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 59.33 Mbit/s
95th percentile per-packet one-way delay: 28.137 ms
Loss rate: 1.68%
-- Flow 2:
Average throughput: 37.81 Mbit/s
95th percentile per-packet one-way delay: 30.535 ms
Loss rate: 2.56%
-- Flow 3:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 30.671 ms
Loss rate: 3.36%

Run 3: Report of TCP BBR — Data Link

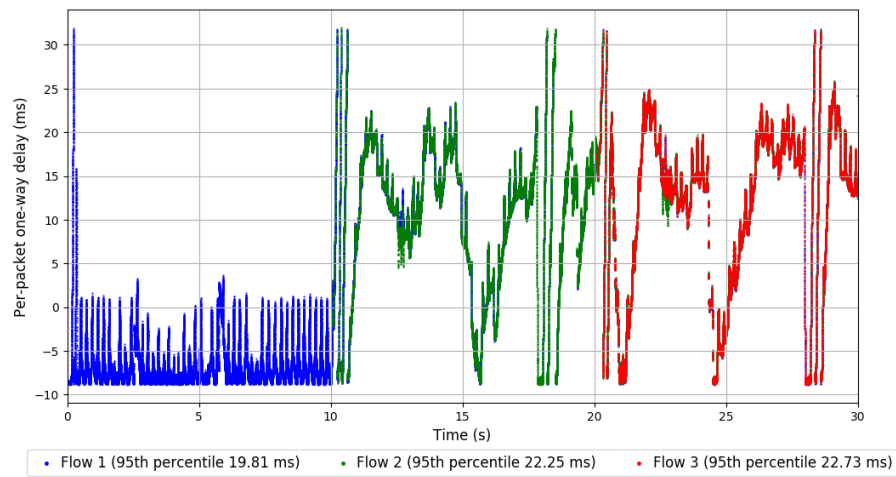
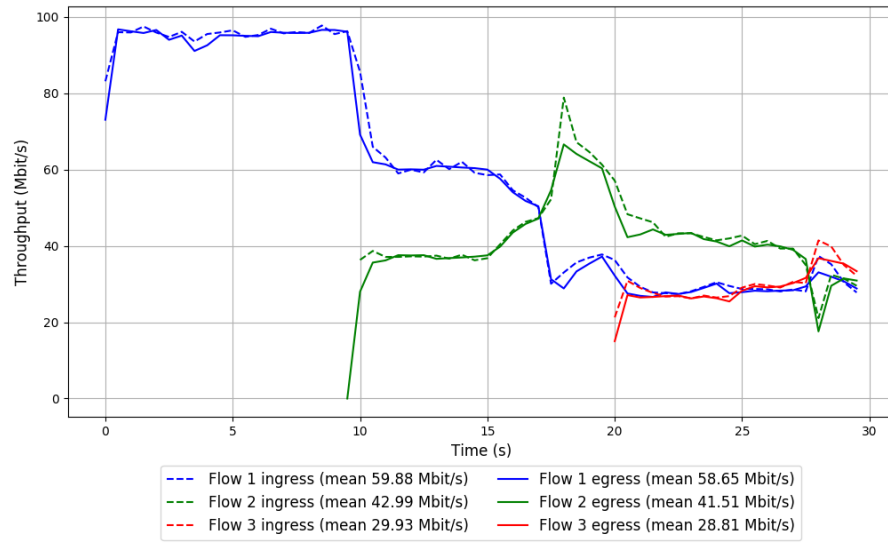


Run 4: Statistics of TCP BBR

Start at: 2018-02-03 03:04:08
End at: 2018-02-03 03:04:38
Local clock offset: 0.941 ms
Remote clock offset: -21.682 ms

Below is generated by plot.py at 2018-02-03 06:07:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 21.324 ms
Loss rate: 2.55%
-- Flow 1:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 19.808 ms
Loss rate: 1.99%
-- Flow 2:
Average throughput: 41.51 Mbit/s
95th percentile per-packet one-way delay: 22.251 ms
Loss rate: 3.29%
-- Flow 3:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 22.731 ms
Loss rate: 3.78%

Run 4: Report of TCP BBR — Data Link

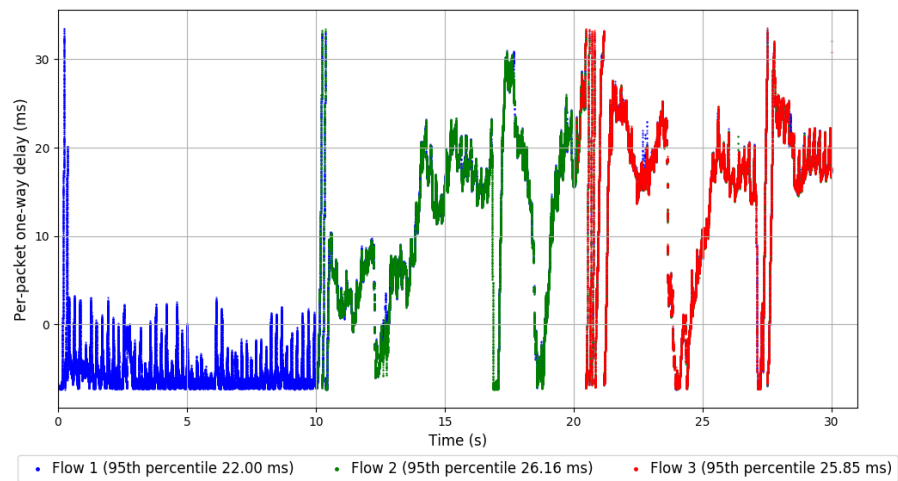
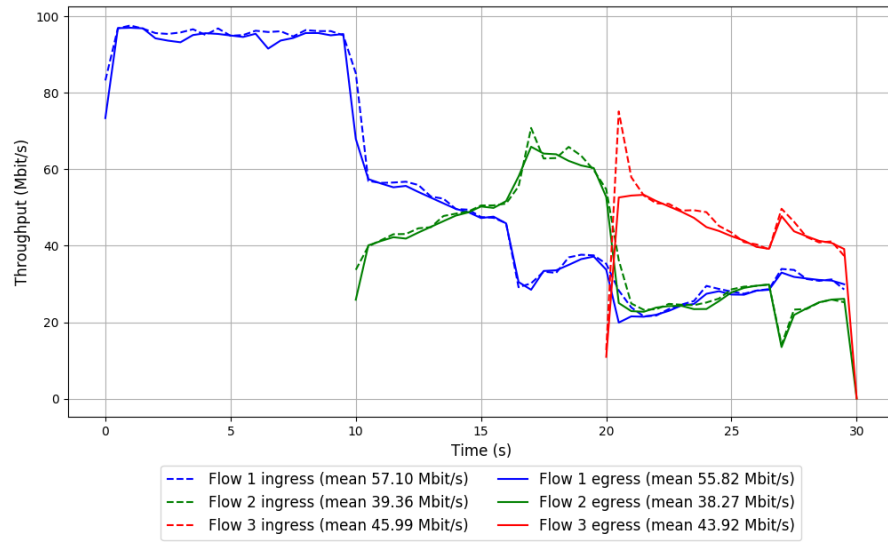


Run 5: Statistics of TCP BBR

Start at: 2018-02-03 03:26:50
End at: 2018-02-03 03:27:20
Local clock offset: 2.319 ms
Remote clock offset: -19.135 ms

Below is generated by plot.py at 2018-02-03 06:07:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 24.376 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 22.000 ms
Loss rate: 2.16%
-- Flow 2:
Average throughput: 38.27 Mbit/s
95th percentile per-packet one-way delay: 26.165 ms
Loss rate: 2.57%
-- Flow 3:
Average throughput: 43.92 Mbit/s
95th percentile per-packet one-way delay: 25.853 ms
Loss rate: 4.37%

Run 5: Report of TCP BBR — Data Link

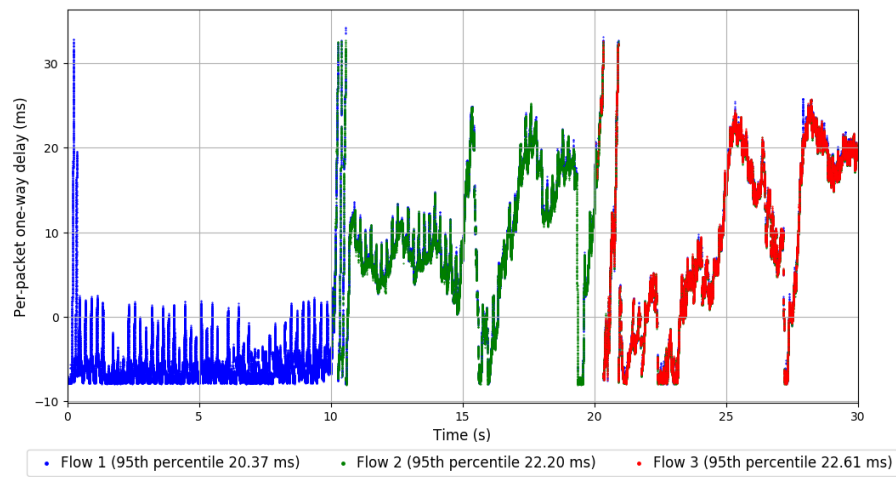
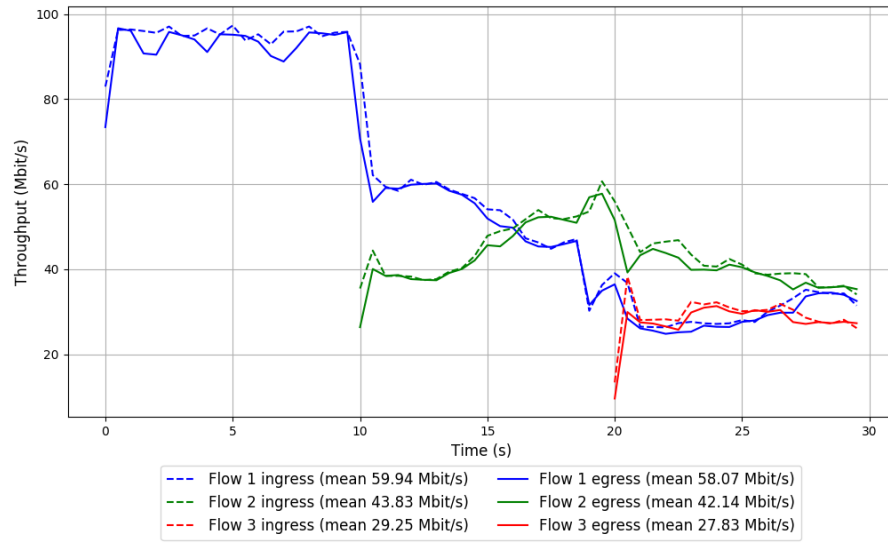


Run 6: Statistics of TCP BBR

Start at: 2018-02-03 03:50:07
End at: 2018-02-03 03:50:37
Local clock offset: 0.986 ms
Remote clock offset: -21.144 ms

Below is generated by plot.py at 2018-02-03 06:07:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.35 Mbit/s
95th percentile per-packet one-way delay: 21.451 ms
Loss rate: 3.40%
-- Flow 1:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 20.371 ms
Loss rate: 3.02%
-- Flow 2:
Average throughput: 42.14 Mbit/s
95th percentile per-packet one-way delay: 22.195 ms
Loss rate: 3.68%
-- Flow 3:
Average throughput: 27.83 Mbit/s
95th percentile per-packet one-way delay: 22.608 ms
Loss rate: 4.89%

Run 6: Report of TCP BBR — Data Link

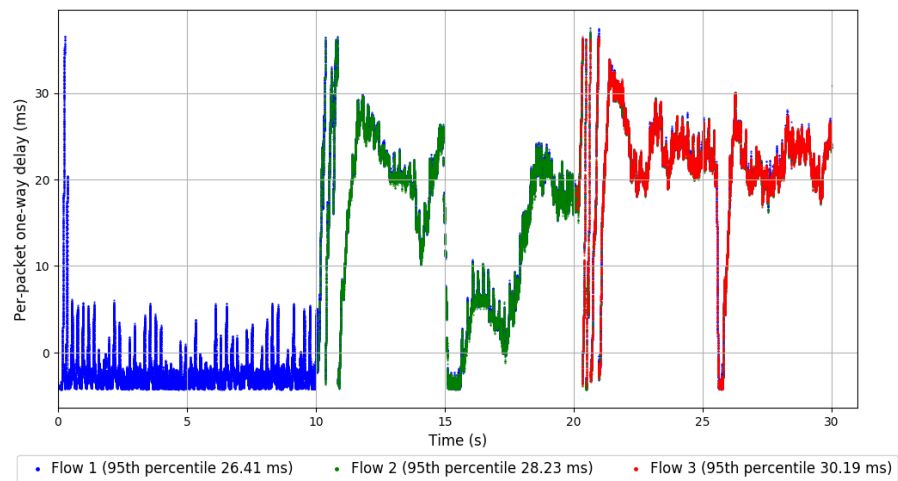
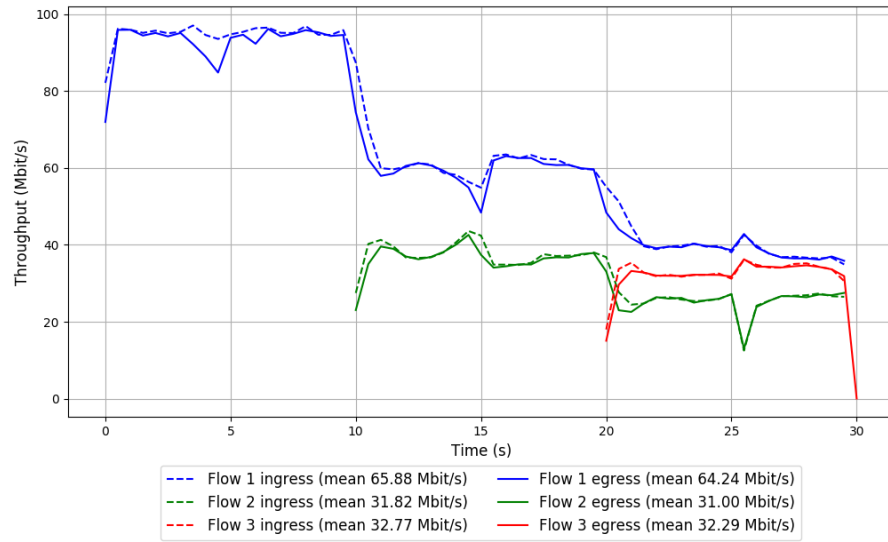


Run 7: Statistics of TCP BBR

Start at: 2018-02-03 04:12:57
End at: 2018-02-03 04:13:27
Local clock offset: -1.006 ms
Remote clock offset: -19.49 ms

Below is generated by plot.py at 2018-02-03 06:07:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 27.208 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 64.24 Mbit/s
95th percentile per-packet one-way delay: 26.414 ms
Loss rate: 2.40%
-- Flow 2:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 28.229 ms
Loss rate: 2.49%
-- Flow 3:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 30.192 ms
Loss rate: 1.34%

Run 7: Report of TCP BBR — Data Link

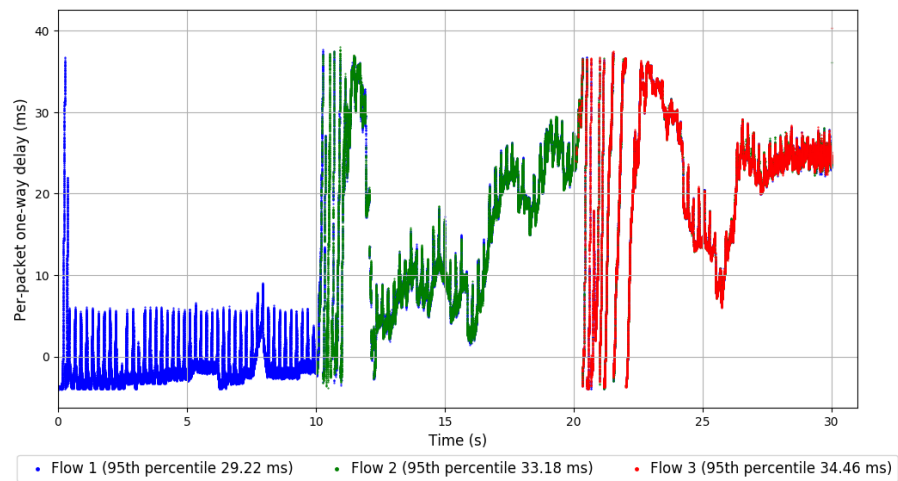
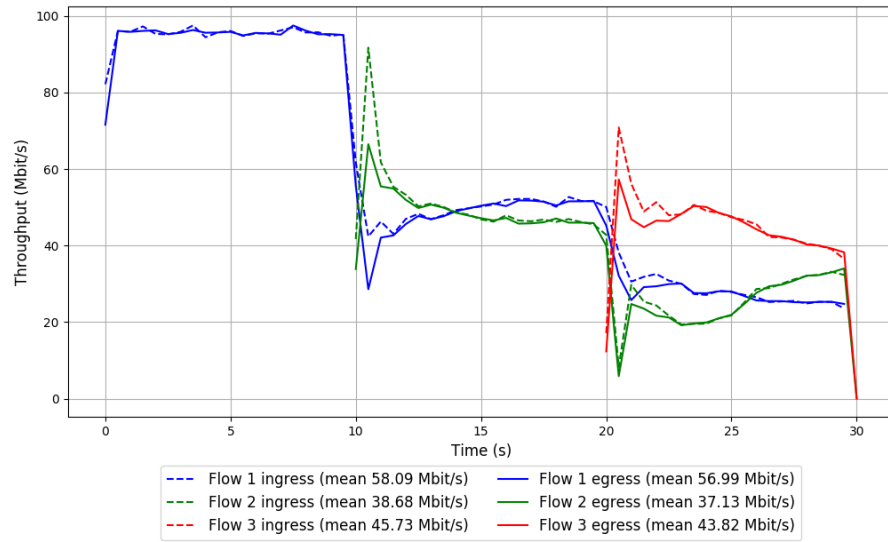


Run 8: Statistics of TCP BBR

Start at: 2018-02-03 04:35:05
End at: 2018-02-03 04:35:35
Local clock offset: 0.662 ms
Remote clock offset: -19.317 ms

Below is generated by plot.py at 2018-02-03 06:07:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 32.363 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 29.216 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 37.13 Mbit/s
95th percentile per-packet one-way delay: 33.177 ms
Loss rate: 3.82%
-- Flow 3:
Average throughput: 43.82 Mbit/s
95th percentile per-packet one-way delay: 34.459 ms
Loss rate: 4.02%

Run 8: Report of TCP BBR — Data Link

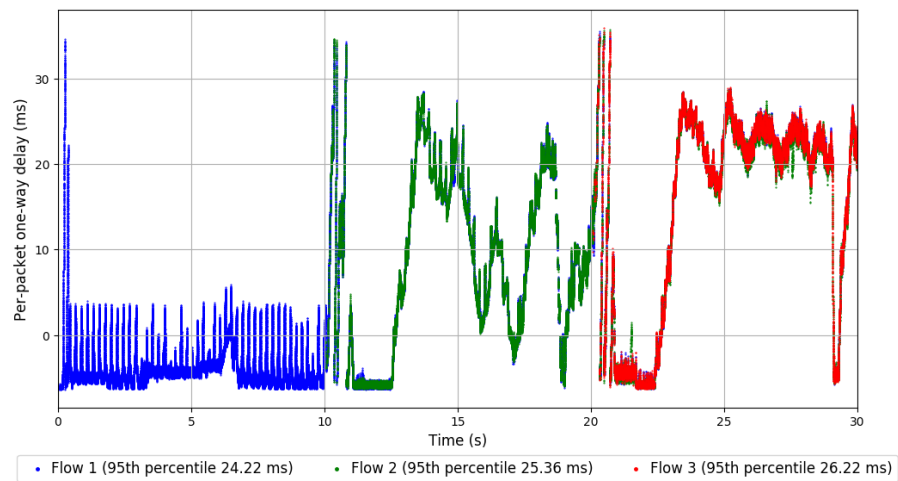
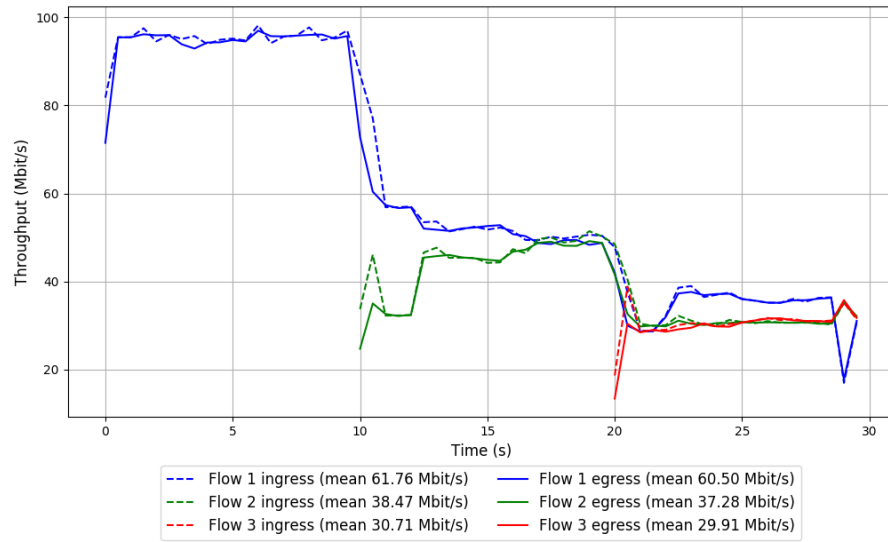


Run 9: Statistics of TCP BBR

Start at: 2018-02-03 04:57:31
End at: 2018-02-03 04:58:01
Local clock offset: 2.658 ms
Remote clock offset: -20.814 ms

Below is generated by plot.py at 2018-02-03 06:09:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 24.965 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 60.50 Mbit/s
95th percentile per-packet one-way delay: 24.218 ms
Loss rate: 1.95%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 25.365 ms
Loss rate: 2.98%
-- Flow 3:
Average throughput: 29.91 Mbit/s
95th percentile per-packet one-way delay: 26.222 ms
Loss rate: 2.58%

Run 9: Report of TCP BBR — Data Link

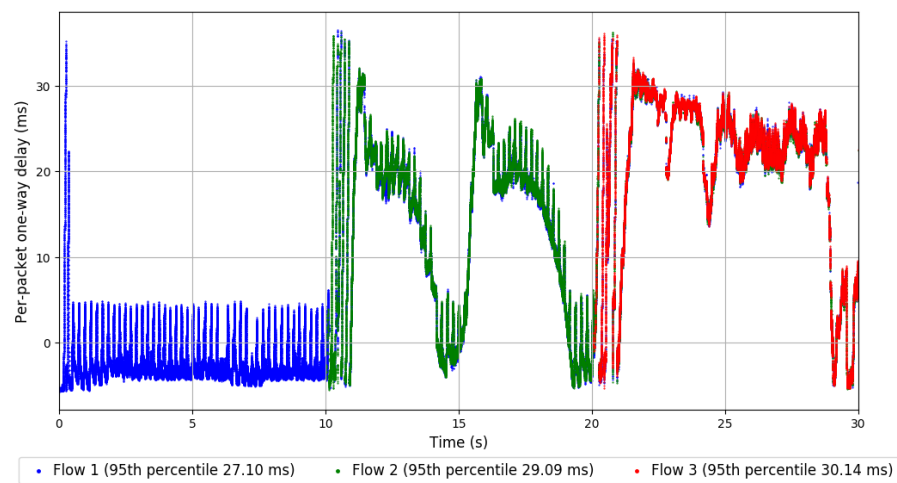
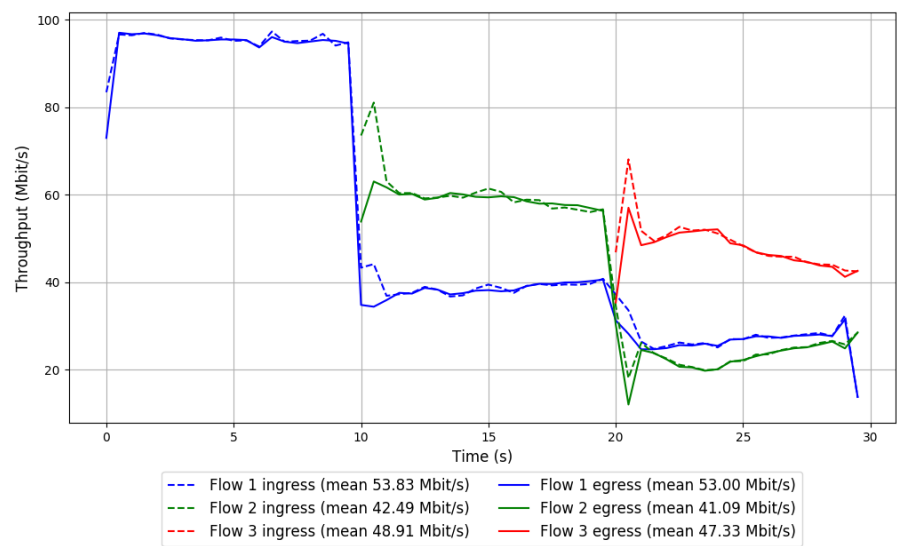


Run 10: Statistics of TCP BBR

Start at: 2018-02-03 05:20:38
End at: 2018-02-03 05:21:08
Local clock offset: 0.723 ms
Remote clock offset: -24.116 ms

Below is generated by plot.py at 2018-02-03 06:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 28.764 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 27.101 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 41.09 Mbit/s
95th percentile per-packet one-way delay: 29.087 ms
Loss rate: 3.16%
-- Flow 3:
Average throughput: 47.33 Mbit/s
95th percentile per-packet one-way delay: 30.143 ms
Loss rate: 3.10%

Run 10: Report of TCP BBR — Data Link

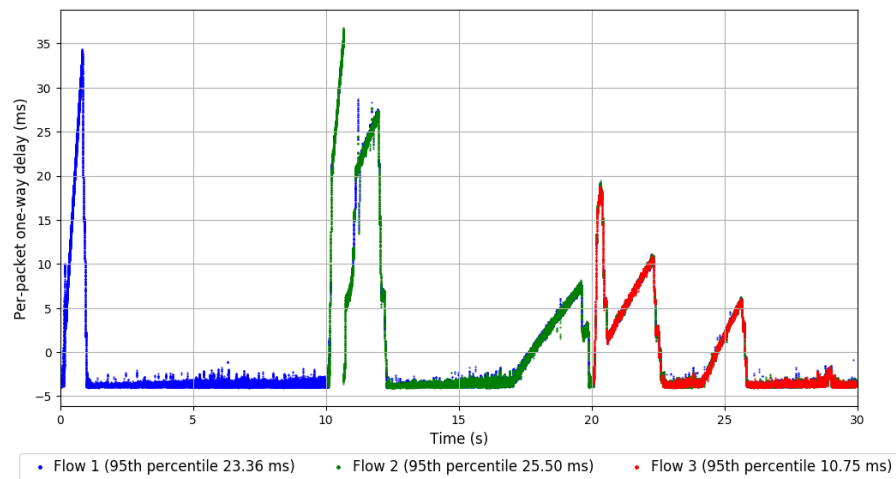
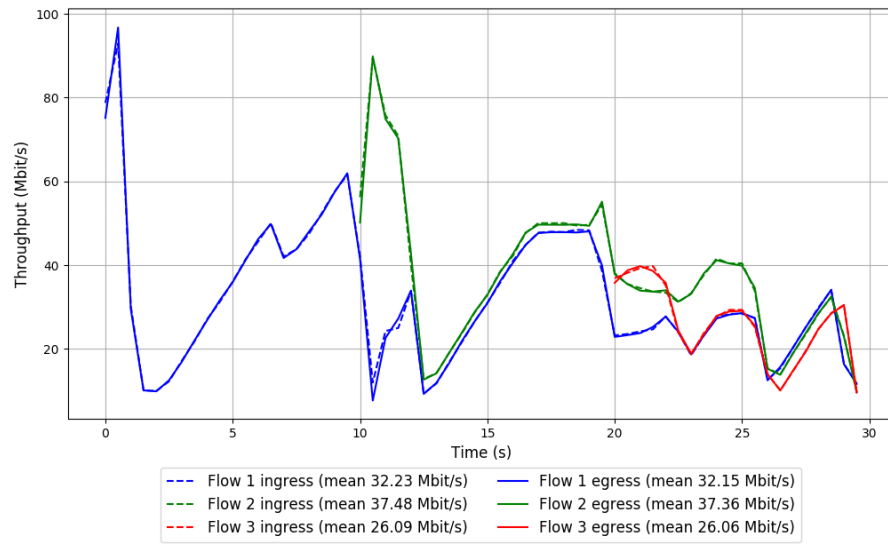


Run 1: Statistics of TCP Cubic

Start at: 2018-02-03 01:48:45
End at: 2018-02-03 01:49:15
Local clock offset: -3.698 ms
Remote clock offset: -19.883 ms

Below is generated by plot.py at 2018-02-03 06:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.67 Mbit/s
95th percentile per-packet one-way delay: 24.047 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 23.356 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 37.36 Mbit/s
95th percentile per-packet one-way delay: 25.503 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 26.06 Mbit/s
95th percentile per-packet one-way delay: 10.754 ms
Loss rate: 0.10%

Run 1: Report of TCP Cubic — Data Link

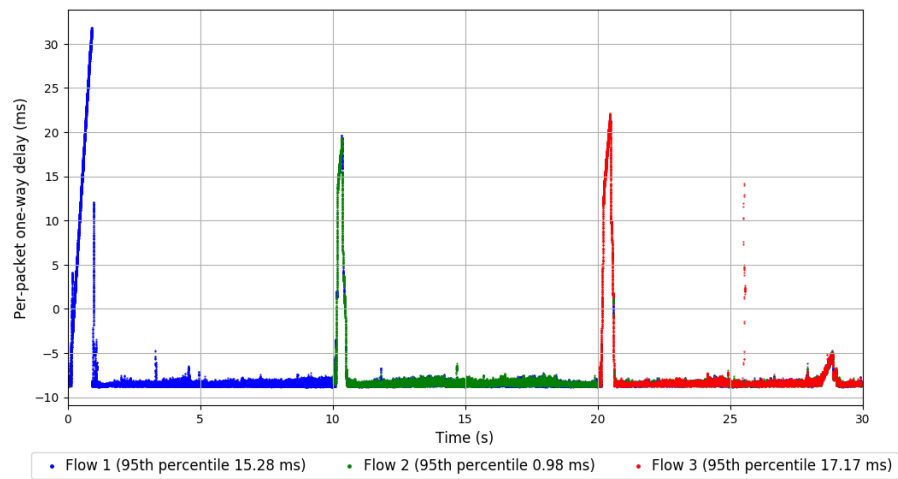
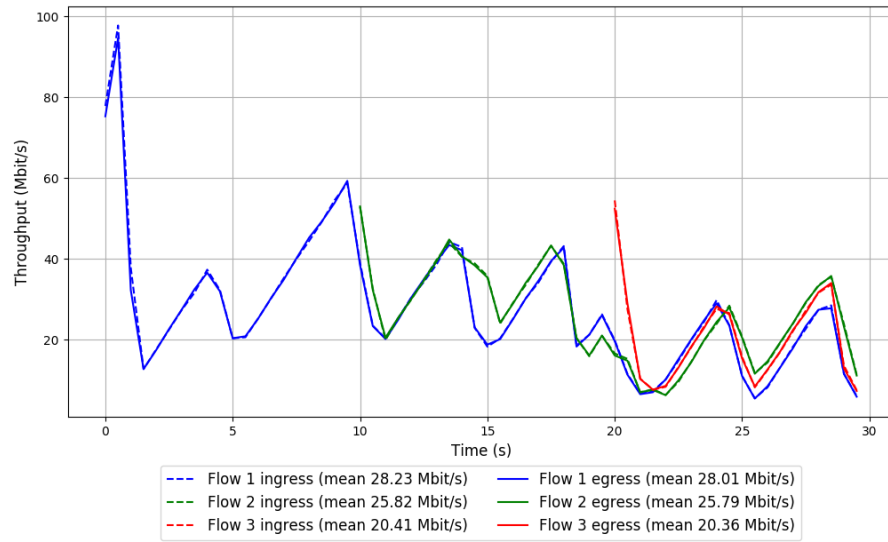


Run 2: Statistics of TCP Cubic

Start at: 2018-02-03 02:10:49
End at: 2018-02-03 02:11:19
Local clock offset: 0.25 ms
Remote clock offset: -22.097 ms

Below is generated by plot.py at 2018-02-03 06:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.93 Mbit/s
95th percentile per-packet one-way delay: 14.039 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 15.277 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 25.79 Mbit/s
95th percentile per-packet one-way delay: 0.982 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 20.36 Mbit/s
95th percentile per-packet one-way delay: 17.167 ms
Loss rate: 0.26%

Run 2: Report of TCP Cubic — Data Link

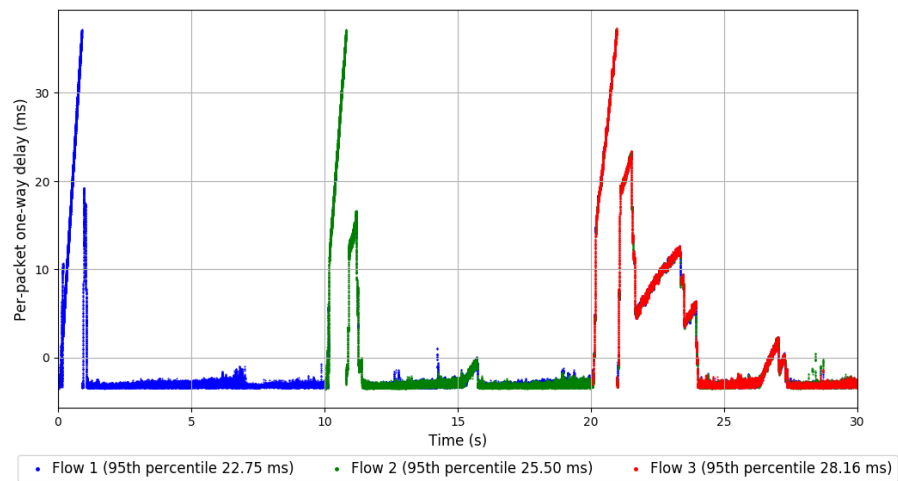
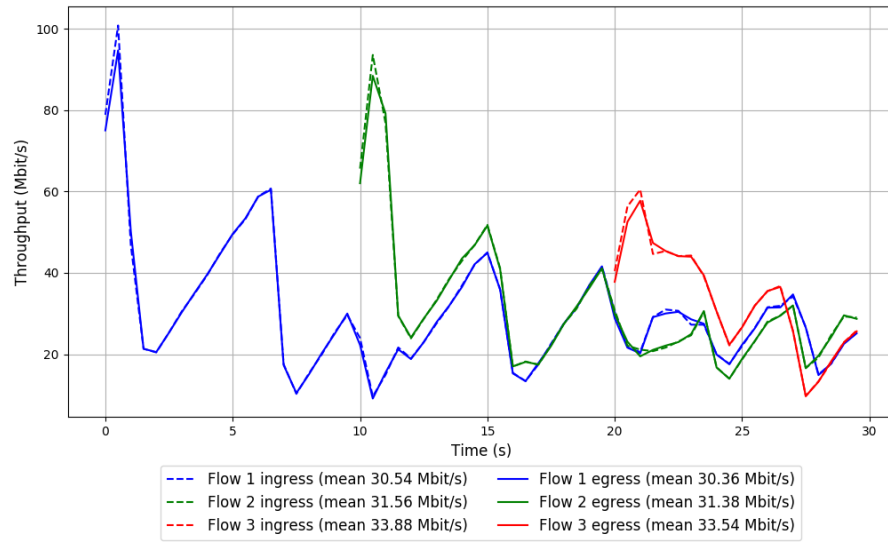


Run 3: Statistics of TCP Cubic

Start at: 2018-02-03 02:32:51
End at: 2018-02-03 02:33:21
Local clock offset: -1.987 ms
Remote clock offset: -19.486 ms

Below is generated by plot.py at 2018-02-03 06:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.39 Mbit/s
95th percentile per-packet one-way delay: 24.782 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 22.753 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 31.38 Mbit/s
95th percentile per-packet one-way delay: 25.496 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 28.157 ms
Loss rate: 1.00%

Run 3: Report of TCP Cubic — Data Link

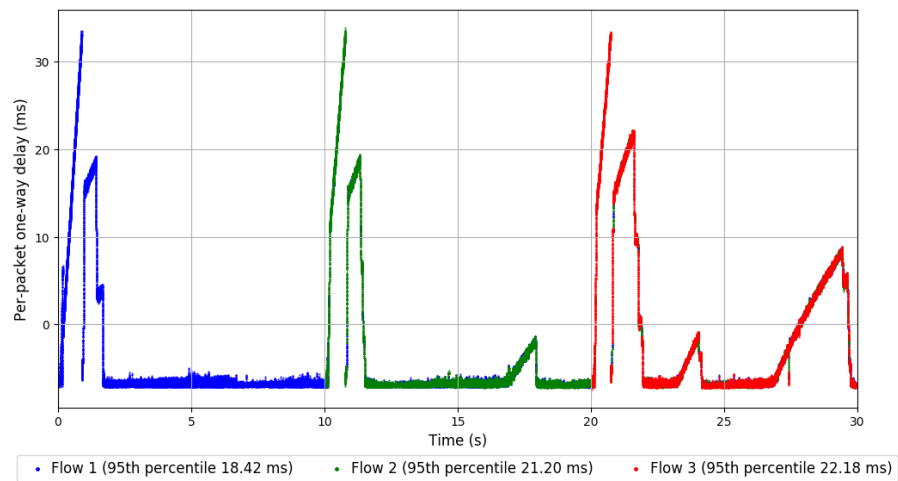
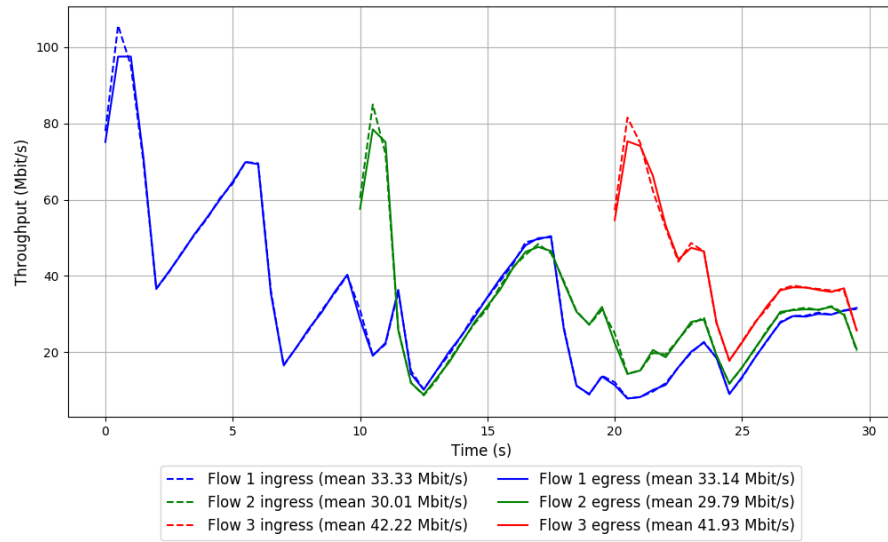


Run 4: Statistics of TCP Cubic

Start at: 2018-02-03 02:55:20
End at: 2018-02-03 02:55:50
Local clock offset: 0.565 ms
Remote clock offset: -20.634 ms

Below is generated by plot.py at 2018-02-03 06:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.89 Mbit/s
95th percentile per-packet one-way delay: 20.865 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 33.14 Mbit/s
95th percentile per-packet one-way delay: 18.418 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 29.79 Mbit/s
95th percentile per-packet one-way delay: 21.195 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 41.93 Mbit/s
95th percentile per-packet one-way delay: 22.179 ms
Loss rate: 0.70%

Run 4: Report of TCP Cubic — Data Link

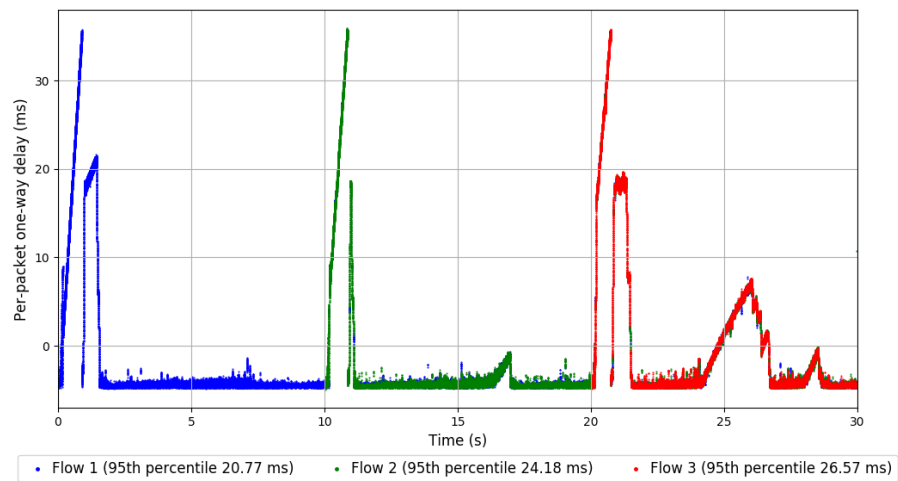
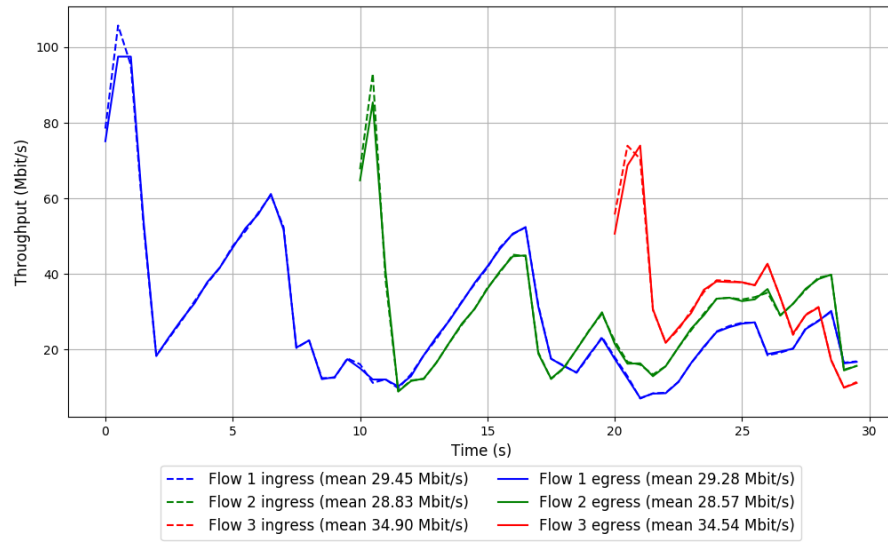


Run 5: Statistics of TCP Cubic

Start at: 2018-02-03 03:17:50
End at: 2018-02-03 03:18:20
Local clock offset: -2.061 ms
Remote clock offset: -20.833 ms

Below is generated by plot.py at 2018-02-03 06:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.76 Mbit/s
95th percentile per-packet one-way delay: 22.897 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 20.765 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 28.57 Mbit/s
95th percentile per-packet one-way delay: 24.181 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 34.54 Mbit/s
95th percentile per-packet one-way delay: 26.570 ms
Loss rate: 1.02%

Run 5: Report of TCP Cubic — Data Link

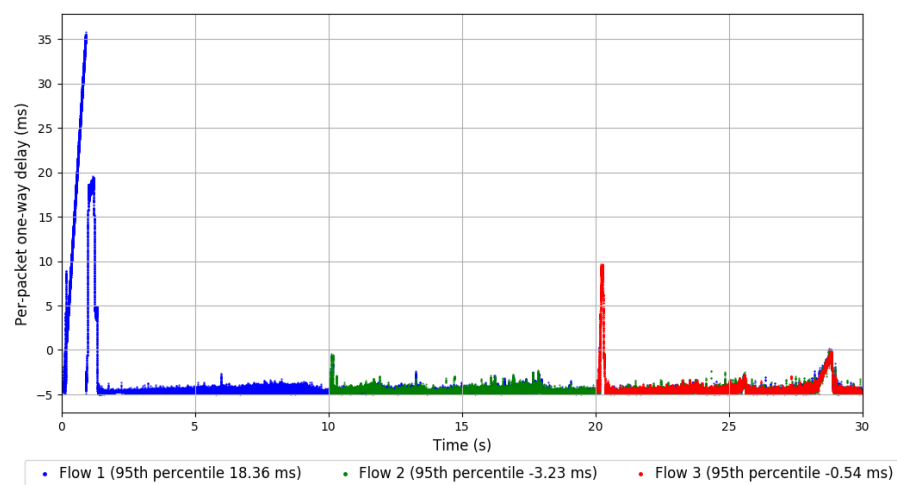
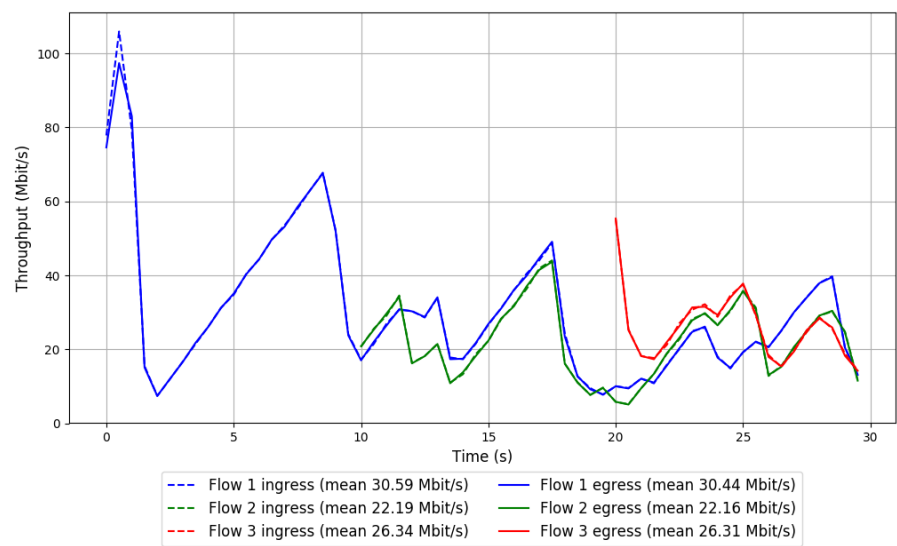


Run 6: Statistics of TCP Cubic

Start at: 2018-02-03 03:41:11
End at: 2018-02-03 03:41:41
Local clock offset: -0.677 ms
Remote clock offset: -19.966 ms

Below is generated by plot.py at 2018-02-03 06:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.92 Mbit/s
95th percentile per-packet one-way delay: 8.790 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 30.44 Mbit/s
95th percentile per-packet one-way delay: 18.358 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: -3.227 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 26.31 Mbit/s
95th percentile per-packet one-way delay: -0.539 ms
Loss rate: 0.10%

Run 6: Report of TCP Cubic — Data Link

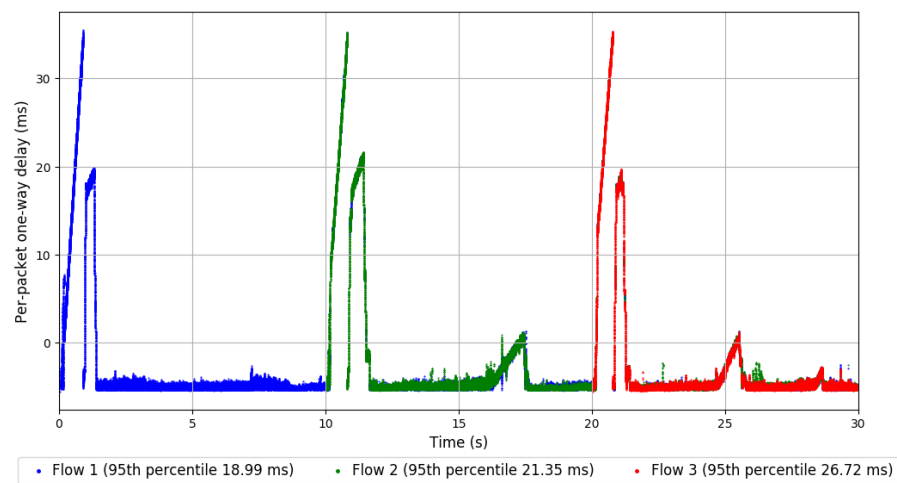
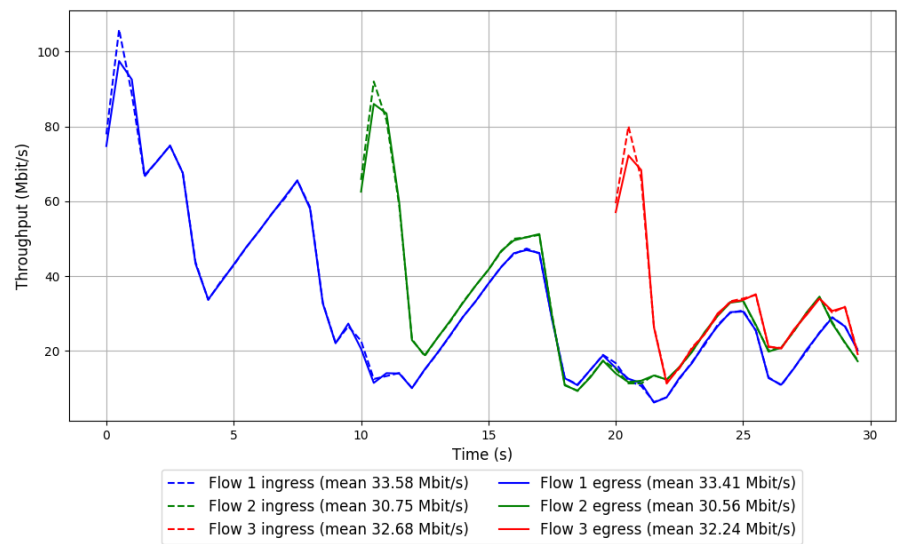


Run 7: Statistics of TCP Cubic

Start at: 2018-02-03 04:04:13
End at: 2018-02-03 04:04:43
Local clock offset: 0.4 ms
Remote clock offset: -18.88 ms

Below is generated by plot.py at 2018-02-03 06:09:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.46 Mbit/s
95th percentile per-packet one-way delay: 20.934 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 33.41 Mbit/s
95th percentile per-packet one-way delay: 18.994 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 21.347 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 26.716 ms
Loss rate: 1.33%

Run 7: Report of TCP Cubic — Data Link

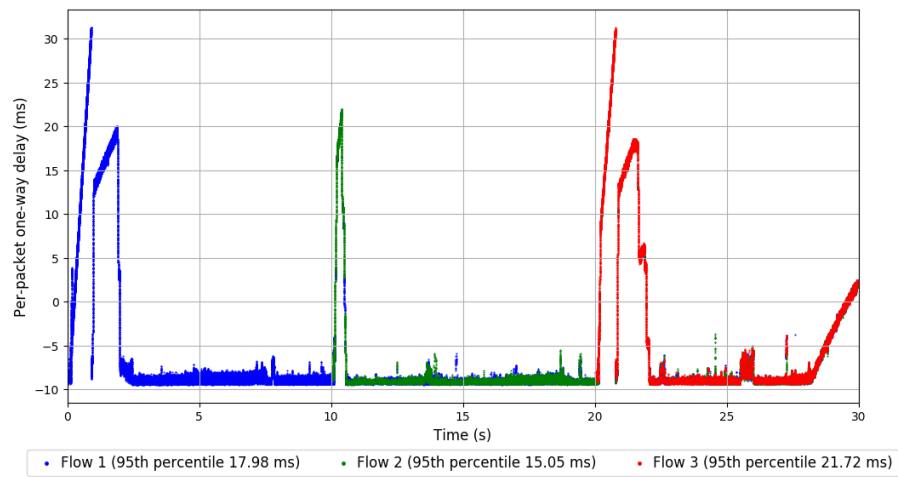
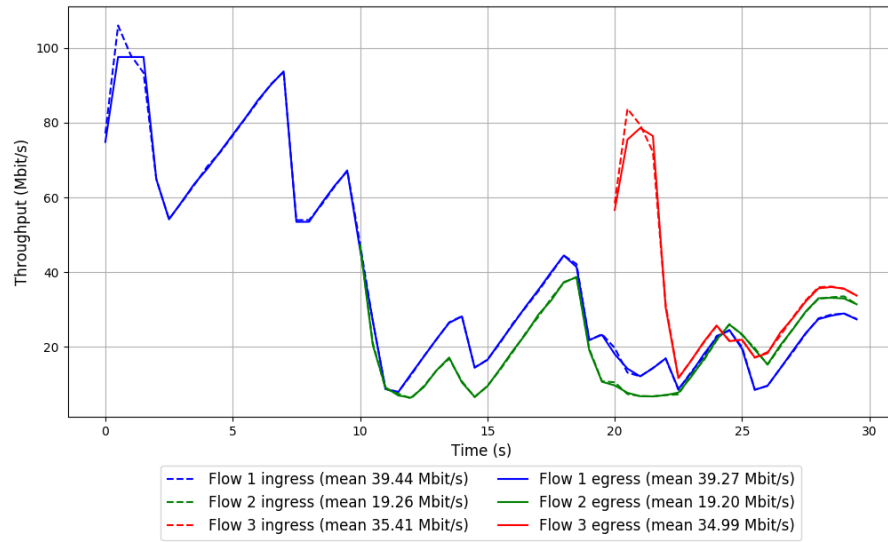


Run 8: Statistics of TCP Cubic

Start at: 2018-02-03 04:26:37
End at: 2018-02-03 04:27:07
Local clock offset: 4.155 ms
Remote clock offset: -20.501 ms

Below is generated by plot.py at 2018-02-03 06:09:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.67 Mbit/s
95th percentile per-packet one-way delay: 18.075 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 17.975 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 19.20 Mbit/s
95th percentile per-packet one-way delay: 15.053 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 34.99 Mbit/s
95th percentile per-packet one-way delay: 21.718 ms
Loss rate: 1.09%

Run 8: Report of TCP Cubic — Data Link

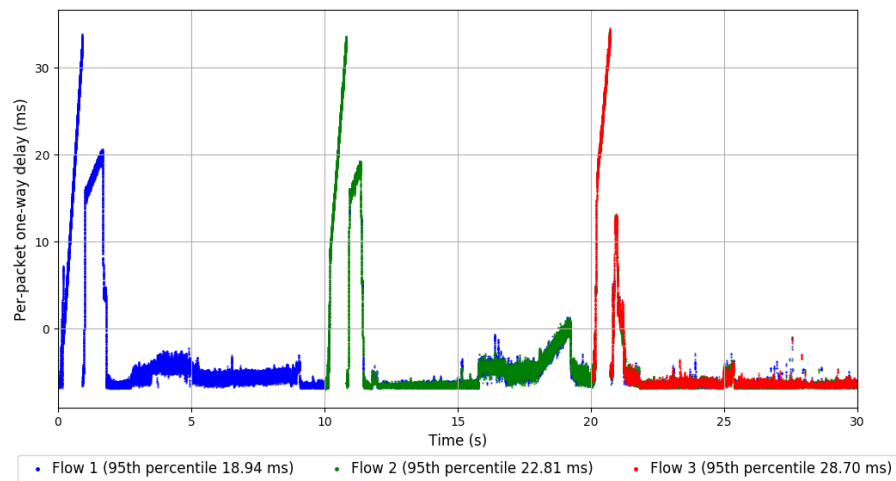
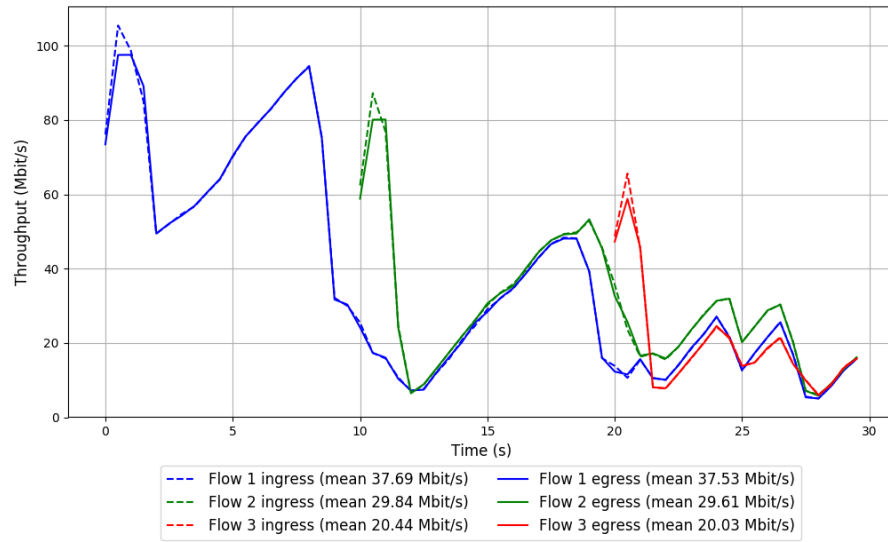


Run 9: Statistics of TCP Cubic

Start at: 2018-02-03 04:48:40
End at: 2018-02-03 04:49:10
Local clock offset: 1.586 ms
Remote clock offset: -21.666 ms

Below is generated by plot.py at 2018-02-03 06:09:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.89 Mbit/s
95th percentile per-packet one-way delay: 20.471 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 37.53 Mbit/s
95th percentile per-packet one-way delay: 18.936 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 29.61 Mbit/s
95th percentile per-packet one-way delay: 22.807 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 20.03 Mbit/s
95th percentile per-packet one-way delay: 28.701 ms
Loss rate: 2.01%

Run 9: Report of TCP Cubic — Data Link

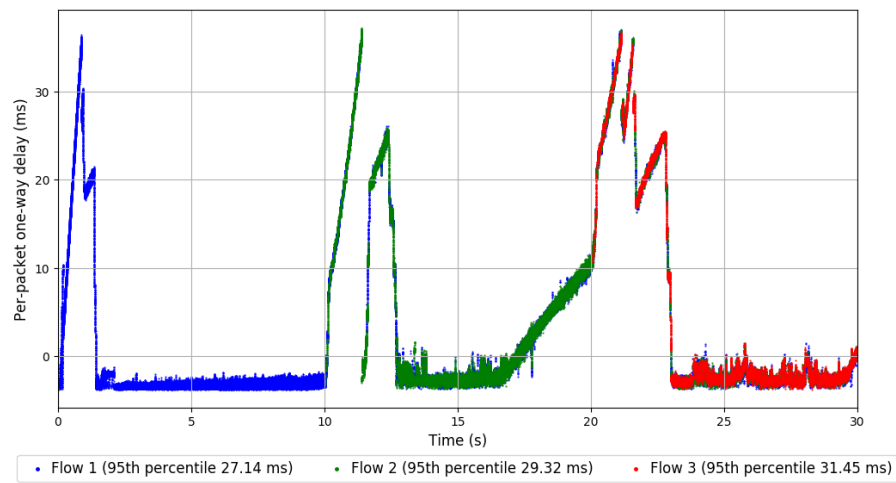
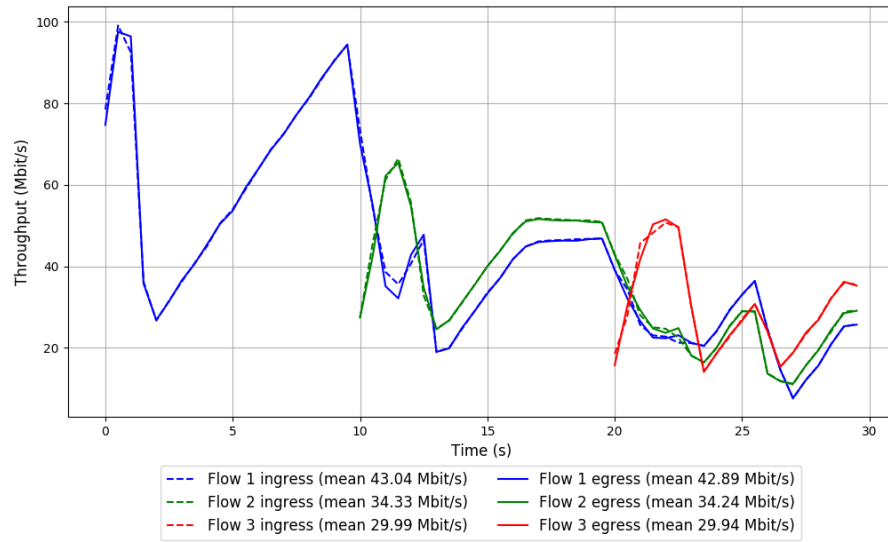


Run 10: Statistics of TCP Cubic

Start at: 2018-02-03 05:11:53
End at: 2018-02-03 05:12:23
Local clock offset: -1.181 ms
Remote clock offset: -24.161 ms

Below is generated by plot.py at 2018-02-03 06:09:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.62 Mbit/s
95th percentile per-packet one-way delay: 28.731 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 42.89 Mbit/s
95th percentile per-packet one-way delay: 27.136 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 34.24 Mbit/s
95th percentile per-packet one-way delay: 29.321 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 31.454 ms
Loss rate: 0.25%

Run 10: Report of TCP Cubic — Data Link

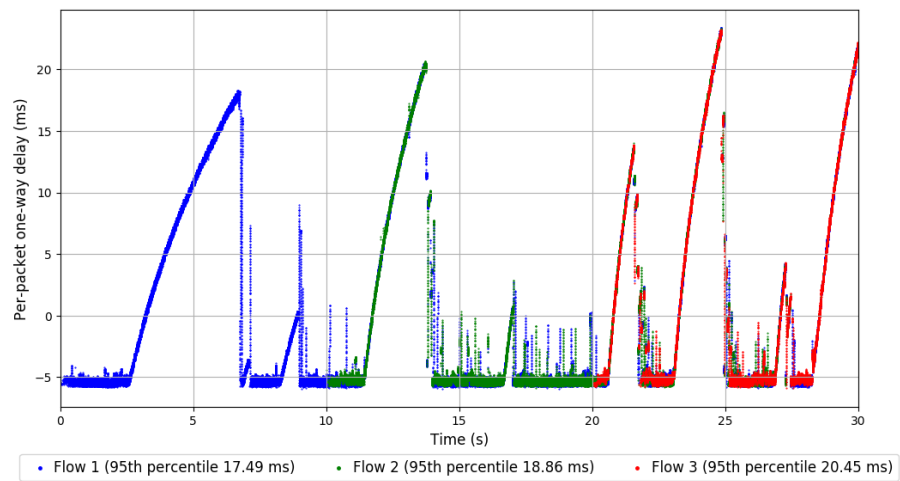
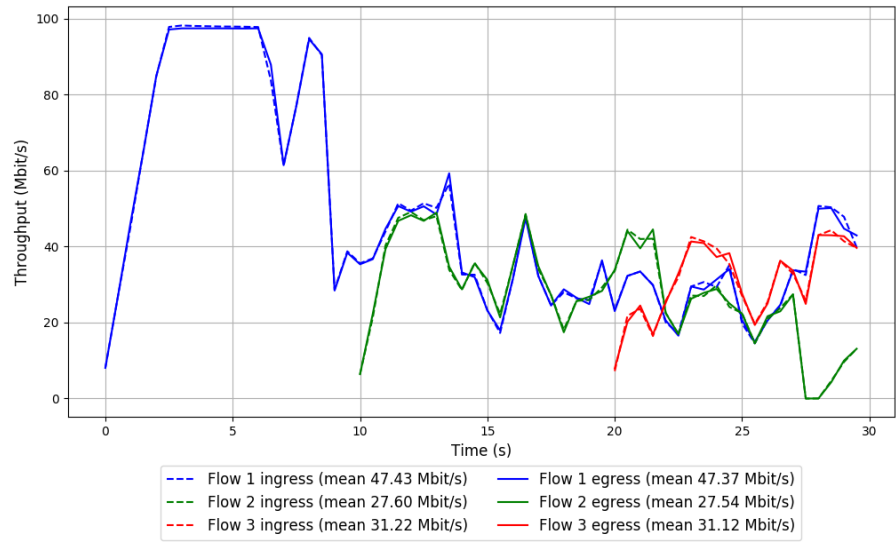


Run 1: Statistics of LEDBAT

Start at: 2018-02-03 01:58:38
End at: 2018-02-03 01:59:08
Local clock offset: -2.217 ms
Remote clock offset: -20.988 ms

Below is generated by plot.py at 2018-02-03 06:09:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.02 Mbit/s
95th percentile per-packet one-way delay: 18.063 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 47.37 Mbit/s
95th percentile per-packet one-way delay: 17.488 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 27.54 Mbit/s
95th percentile per-packet one-way delay: 18.858 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 20.451 ms
Loss rate: 0.05%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-02-03 02:20:34

End at: 2018-02-03 02:21:04

Local clock offset: -1.856 ms

Remote clock offset: -19.7 ms

Below is generated by plot.py at 2018-02-03 06:09:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.12 Mbit/s

95th percentile per-packet one-way delay: 19.173 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 42.28 Mbit/s

95th percentile per-packet one-way delay: 11.155 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 33.60 Mbit/s

95th percentile per-packet one-way delay: 21.036 ms

Loss rate: 0.08%

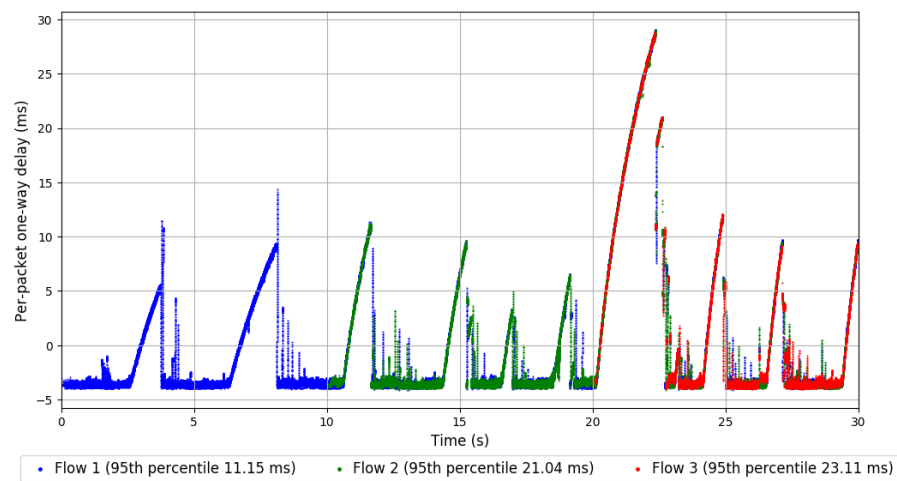
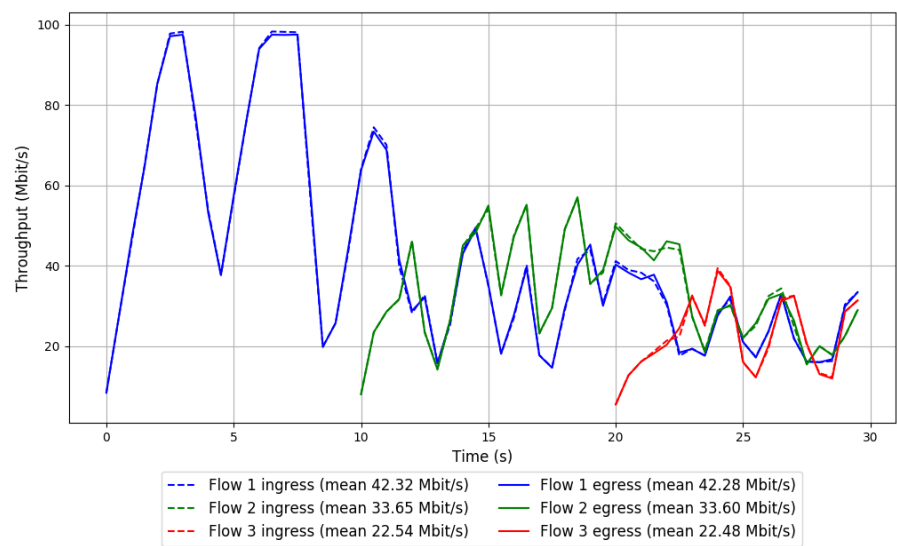
-- Flow 3:

Average throughput: 22.48 Mbit/s

95th percentile per-packet one-way delay: 23.114 ms

Loss rate: 0.14%

Run 2: Report of LEDBAT — Data Link

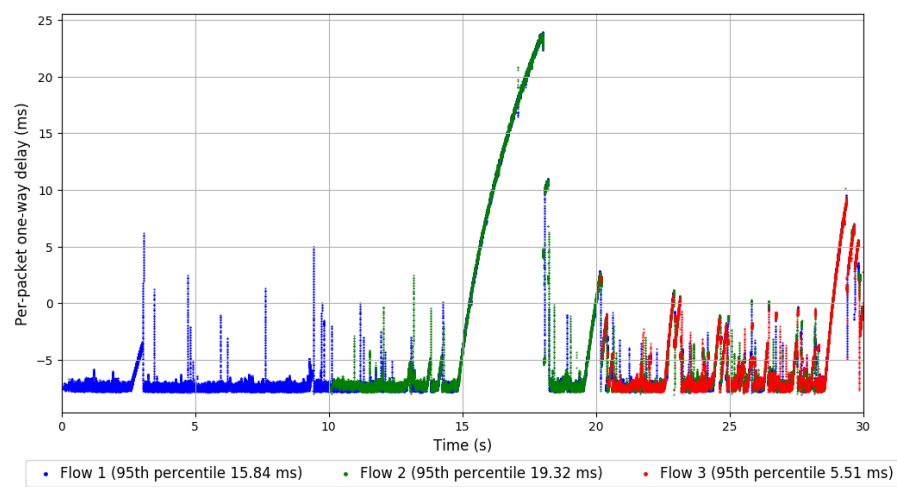
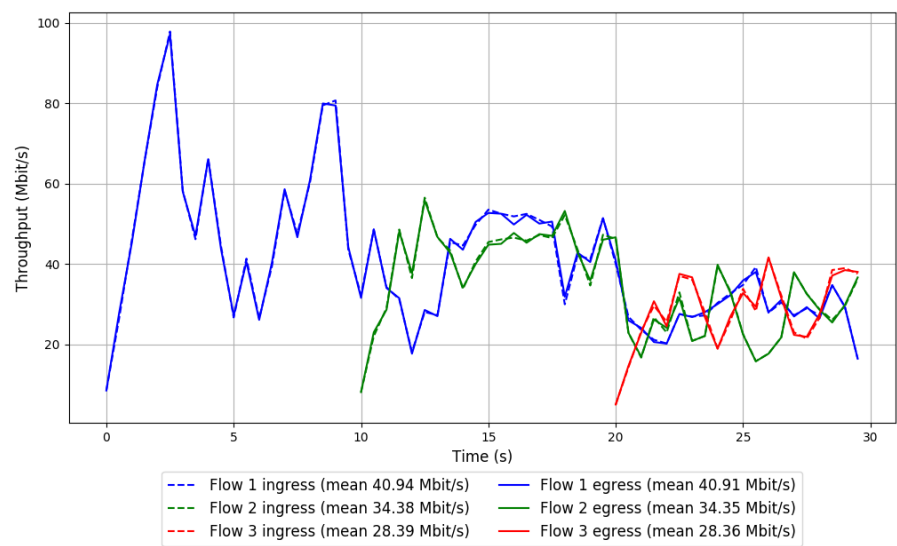


Run 3: Statistics of LEDBAT

Start at: 2018-02-03 02:42:53
End at: 2018-02-03 02:43:23
Local clock offset: 0.459 ms
Remote clock offset: -21.455 ms

Below is generated by plot.py at 2018-02-03 06:10:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.20 Mbit/s
95th percentile per-packet one-way delay: 16.422 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 40.91 Mbit/s
95th percentile per-packet one-way delay: 15.838 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 19.315 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 28.36 Mbit/s
95th percentile per-packet one-way delay: 5.509 ms
Loss rate: 0.08%

Run 3: Report of LEDBAT — Data Link

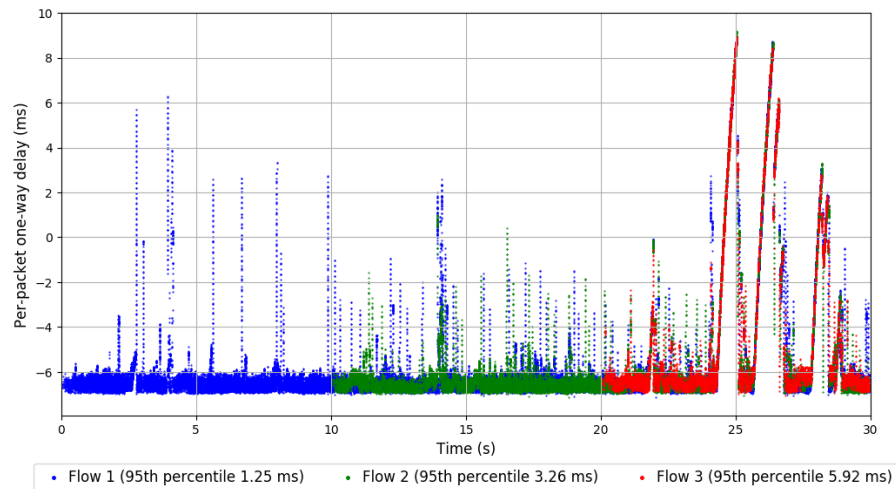
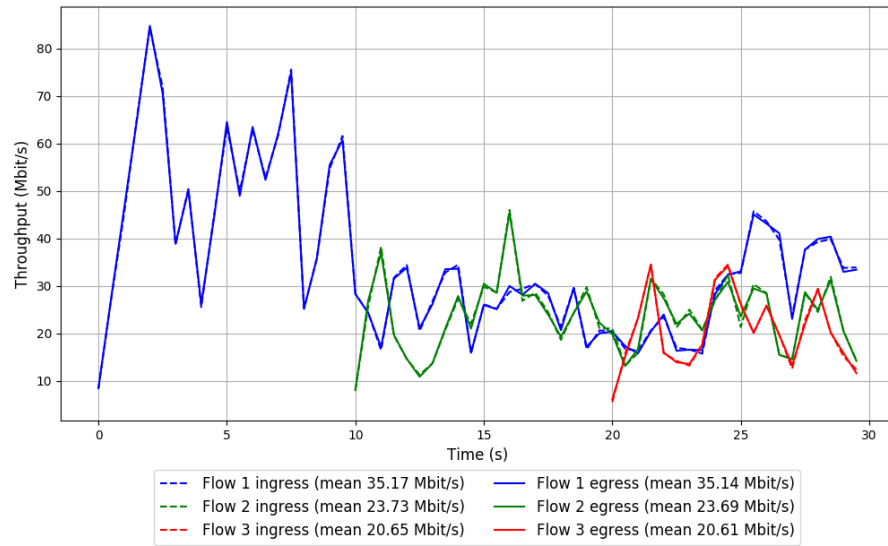


Run 4: Statistics of LEDBAT

Start at: 2018-02-03 03:05:27
End at: 2018-02-03 03:05:57
Local clock offset: 1.047 ms
Remote clock offset: -19.668 ms

Below is generated by plot.py at 2018-02-03 06:10:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.75 Mbit/s
95th percentile per-packet one-way delay: 3.020 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 35.14 Mbit/s
95th percentile per-packet one-way delay: 1.247 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 23.69 Mbit/s
95th percentile per-packet one-way delay: 3.263 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 20.61 Mbit/s
95th percentile per-packet one-way delay: 5.919 ms
Loss rate: 0.18%

Run 4: Report of LEDBAT — Data Link

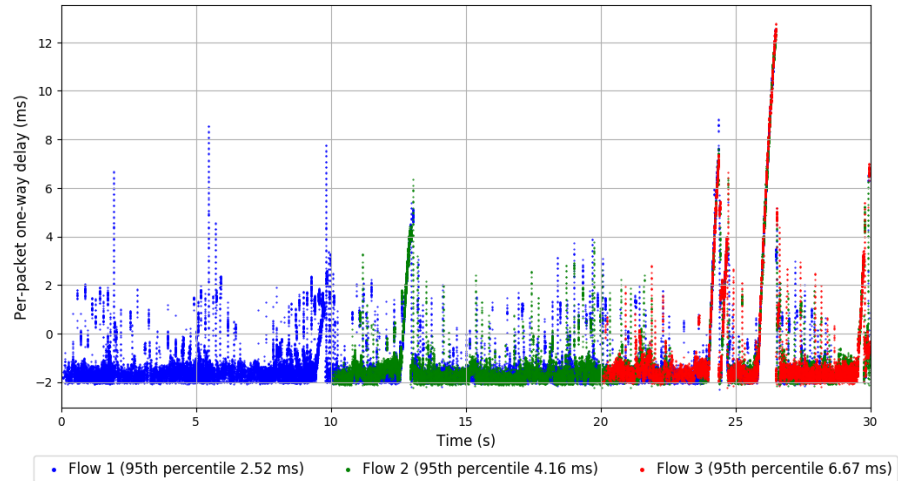
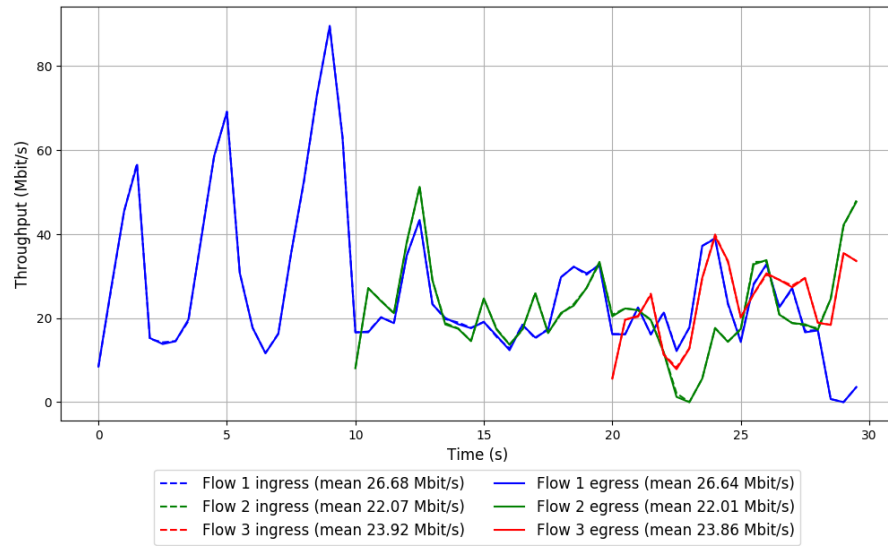


Run 5: Statistics of LEDBAT

Start at: 2018-02-03 03:28:16
End at: 2018-02-03 03:28:46
Local clock offset: -2.88 ms
Remote clock offset: -19.051 ms

Below is generated by plot.py at 2018-02-03 06:10:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.20 Mbit/s
95th percentile per-packet one-way delay: 3.956 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 26.64 Mbit/s
95th percentile per-packet one-way delay: 2.523 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 4.163 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 6.675 ms
Loss rate: 0.24%

Run 5: Report of LEDBAT — Data Link

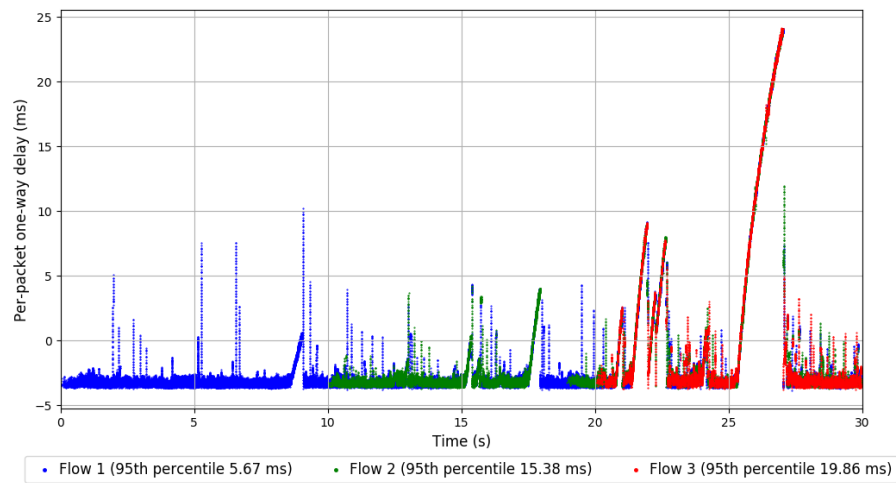
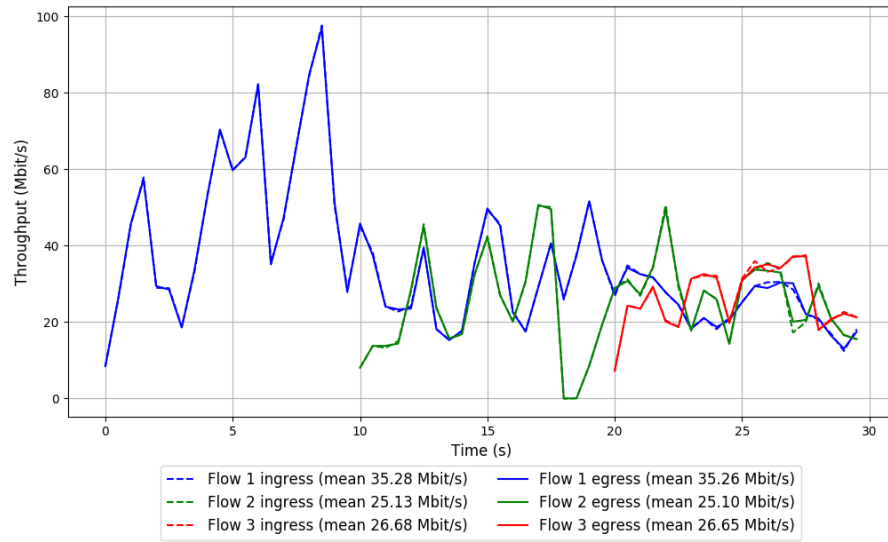


Run 6: Statistics of LEDBAT

Start at: 2018-02-03 03:51:28
End at: 2018-02-03 03:51:58
Local clock offset: -1.464 ms
Remote clock offset: -19.177 ms

Below is generated by plot.py at 2018-02-03 06:10:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 12.702 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 5.673 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 25.10 Mbit/s
95th percentile per-packet one-way delay: 15.380 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 19.862 ms
Loss rate: 0.09%

Run 6: Report of LEDBAT — Data Link

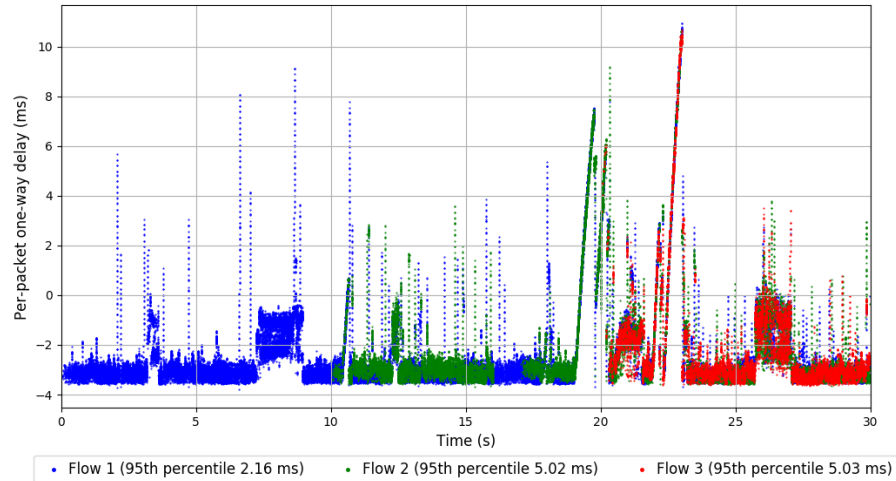
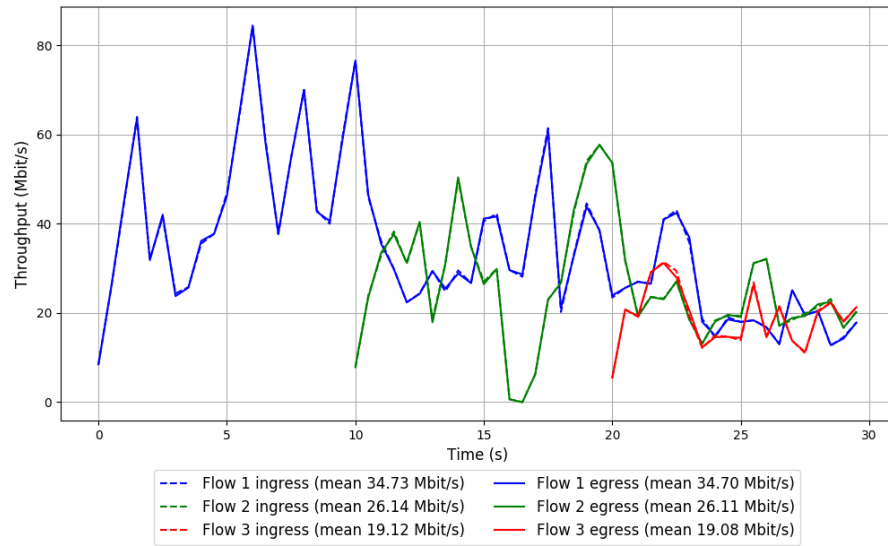


Run 7: Statistics of LEDBAT

Start at: 2018-02-03 04:14:18
End at: 2018-02-03 04:14:48
Local clock offset: 0.04 ms
Remote clock offset: -17.804 ms

Below is generated by plot.py at 2018-02-03 06:10:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.41 Mbit/s
95th percentile per-packet one-way delay: 3.569 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 34.70 Mbit/s
95th percentile per-packet one-way delay: 2.156 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 5.023 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 5.031 ms
Loss rate: 0.22%

Run 7: Report of LEDBAT — Data Link

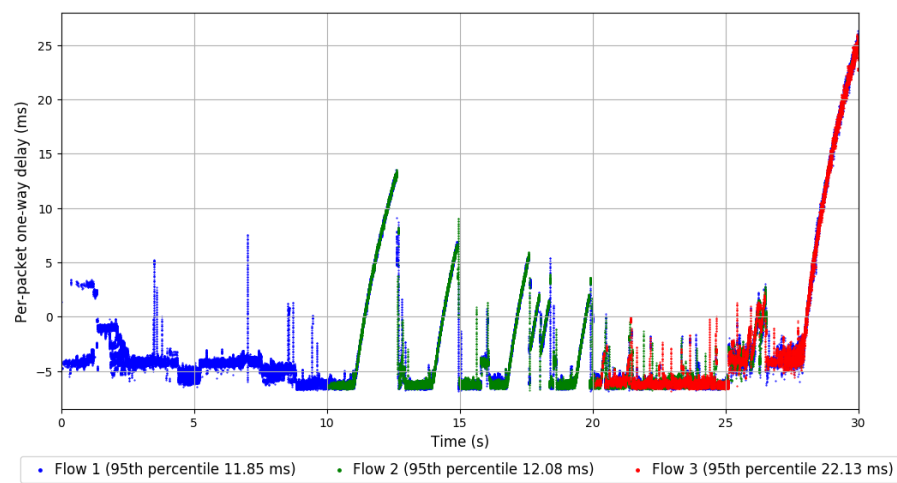
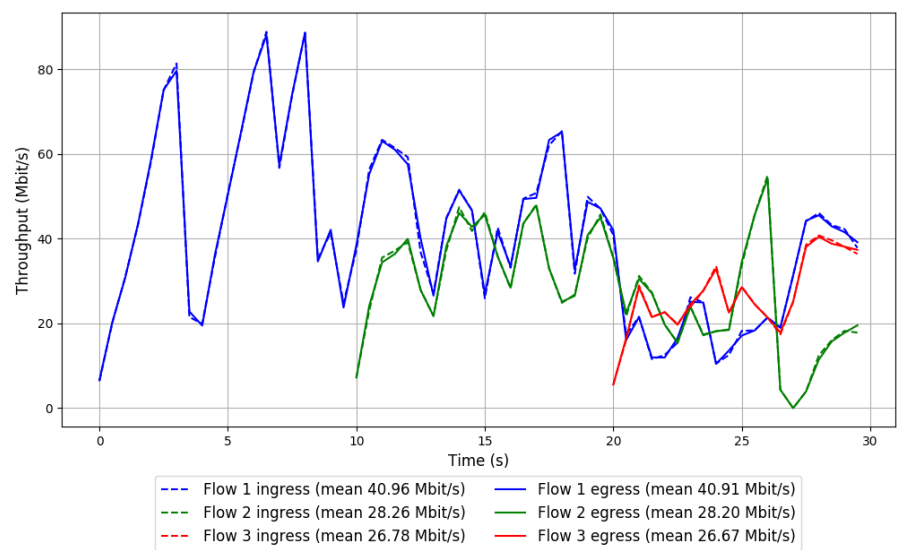


Run 8: Statistics of LEDBAT

Start at: 2018-02-03 04:36:20
End at: 2018-02-03 04:36:50
Local clock offset: 2.592 ms
Remote clock offset: -20.078 ms

Below is generated by plot.py at 2018-02-03 06:10:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.56 Mbit/s
95th percentile per-packet one-way delay: 14.345 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 40.91 Mbit/s
95th percentile per-packet one-way delay: 11.851 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 28.20 Mbit/s
95th percentile per-packet one-way delay: 12.078 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 22.126 ms
Loss rate: 0.08%

Run 8: Report of LEDBAT — Data Link

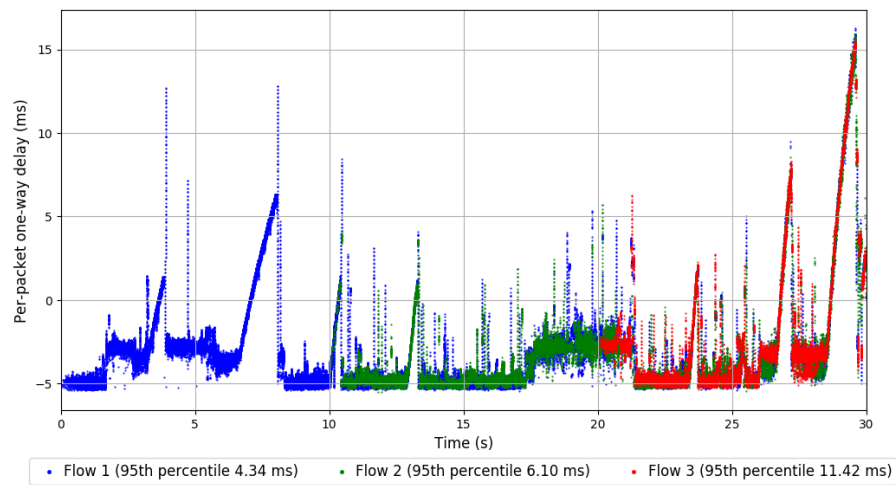
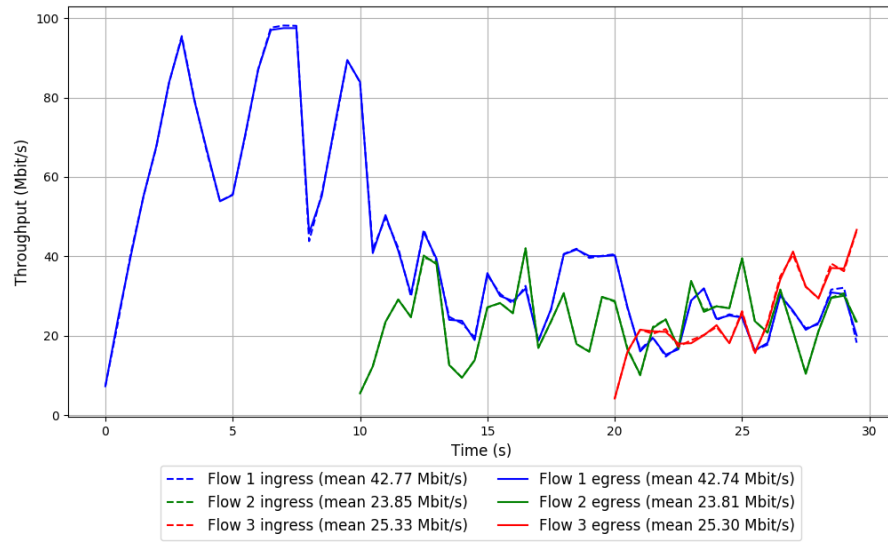


Run 9: Statistics of LEDBAT

Start at: 2018-02-03 04:58:50
End at: 2018-02-03 04:59:20
Local clock offset: 2.085 ms
Remote clock offset: -20.745 ms

Below is generated by plot.py at 2018-02-03 06:10:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.99 Mbit/s
95th percentile per-packet one-way delay: 5.527 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 42.74 Mbit/s
95th percentile per-packet one-way delay: 4.343 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 23.81 Mbit/s
95th percentile per-packet one-way delay: 6.097 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 11.421 ms
Loss rate: 0.09%

Run 9: Report of LEDBAT — Data Link

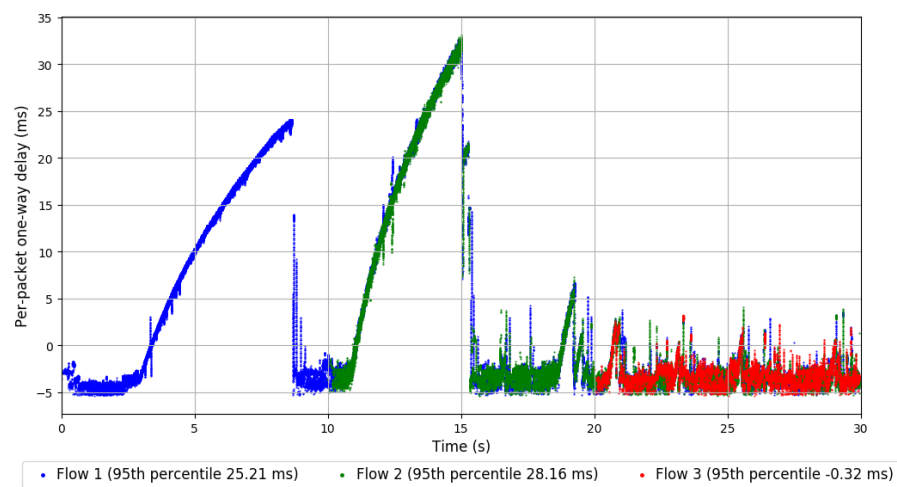
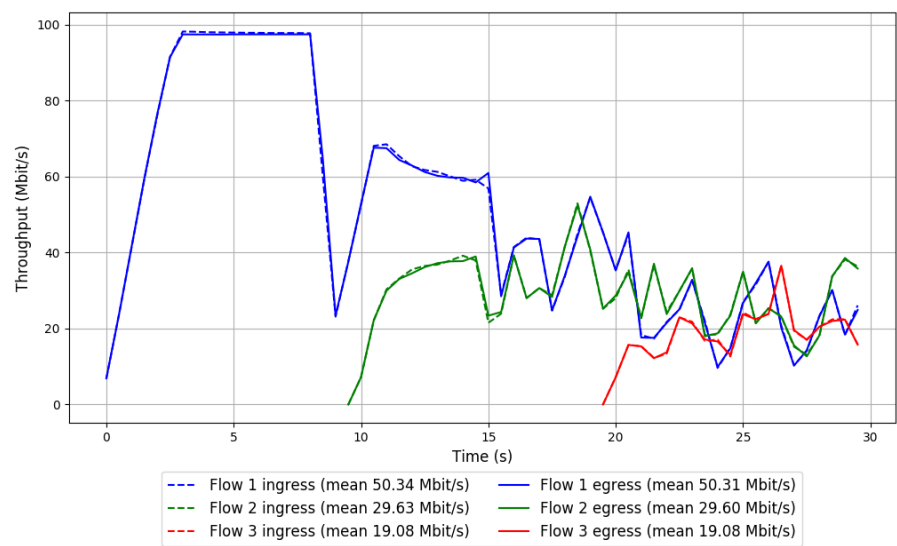


Run 10: Statistics of LEDBAT

Start at: 2018-02-03 05:21:50
End at: 2018-02-03 05:22:20
Local clock offset: 0.959 ms
Remote clock offset: -23.62 ms

Below is generated by plot.py at 2018-02-03 06:10:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.36 Mbit/s
95th percentile per-packet one-way delay: 25.788 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 25.213 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 29.60 Mbit/s
95th percentile per-packet one-way delay: 28.156 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: -0.316 ms
Loss rate: 0.19%

Run 10: Report of LEDBAT — Data Link

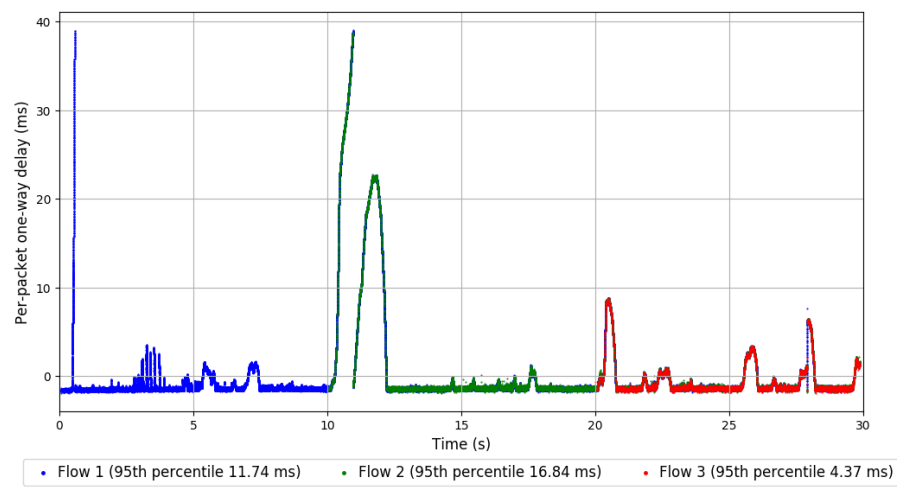
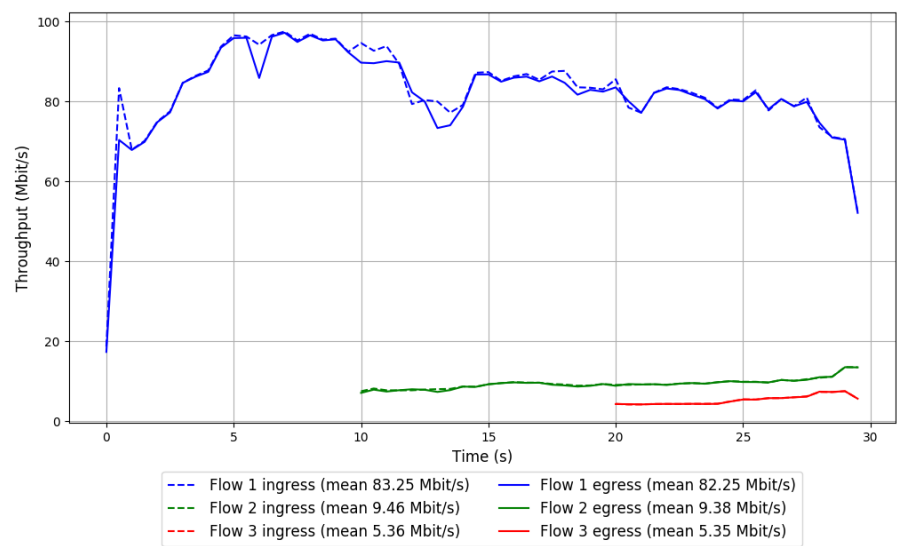


Run 1: Statistics of PCC

Start at: 2018-02-03 02:01:09
End at: 2018-02-03 02:01:39
Local clock offset: -4.205 ms
Remote clock offset: -19.076 ms

Below is generated by plot.py at 2018-02-03 06:11:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.26 Mbit/s
95th percentile per-packet one-way delay: 11.533 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 82.25 Mbit/s
95th percentile per-packet one-way delay: 11.742 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 16.840 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 5.35 Mbit/s
95th percentile per-packet one-way delay: 4.371 ms
Loss rate: 0.20%

Run 1: Report of PCC — Data Link

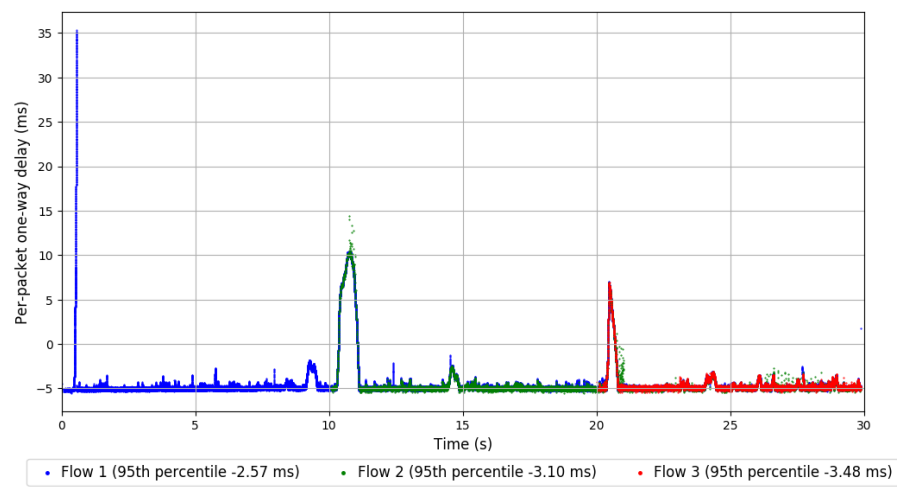
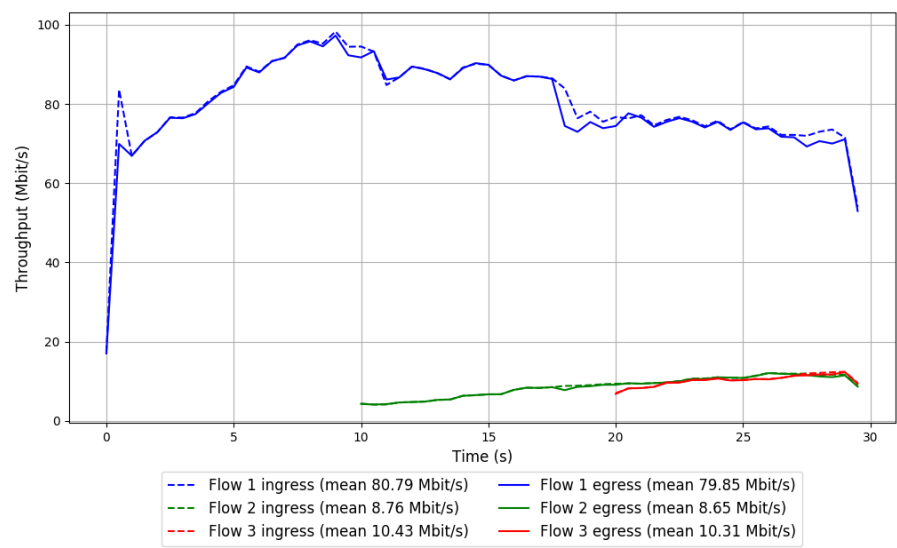


Run 2: Statistics of PCC

Start at: 2018-02-03 02:23:05
End at: 2018-02-03 02:23:35
Local clock offset: -1.369 ms
Remote clock offset: -20.514 ms

Below is generated by plot.py at 2018-02-03 06:11:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: -2.623 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 79.85 Mbit/s
95th percentile per-packet one-way delay: -2.569 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: -3.102 ms
Loss rate: 1.21%
-- Flow 3:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: -3.475 ms
Loss rate: 1.16%

Run 2: Report of PCC — Data Link

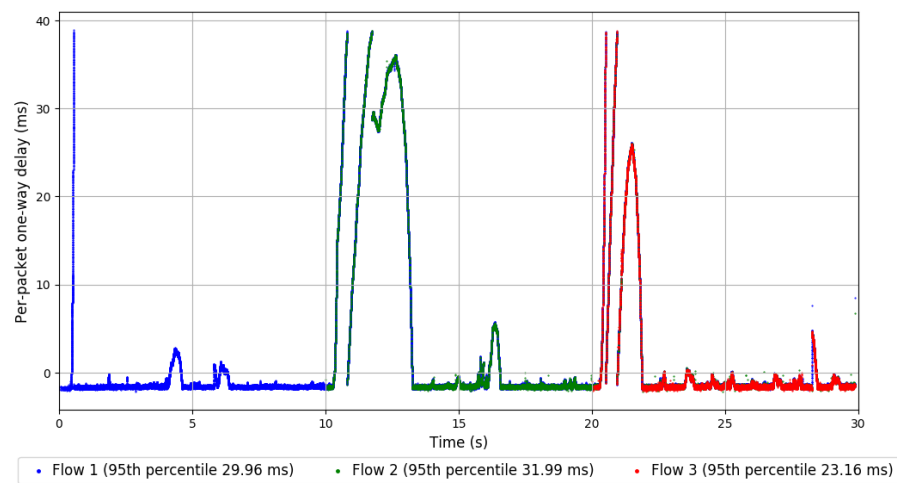
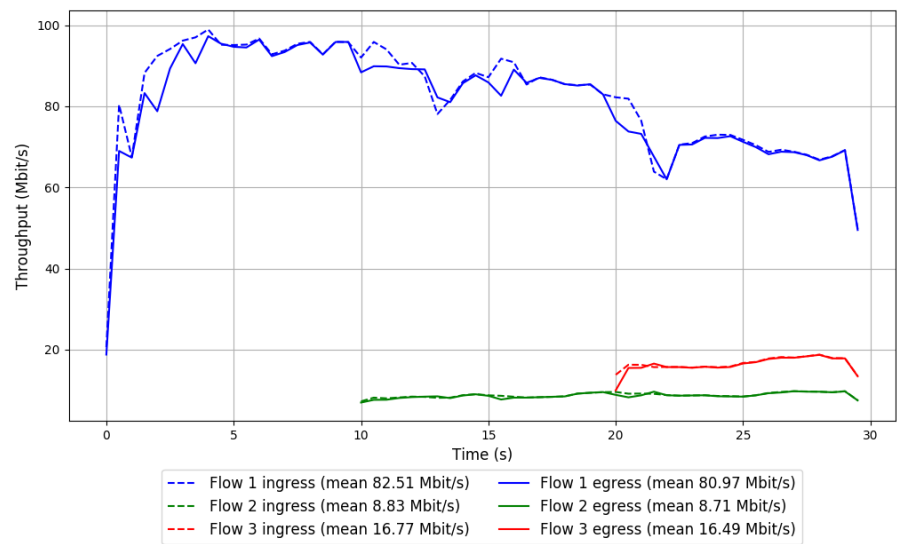


Run 3: Statistics of PCC

Start at: 2018-02-03 02:45:28
End at: 2018-02-03 02:45:58
Local clock offset: -3.306 ms
Remote clock offset: -19.315 ms

Below is generated by plot.py at 2018-02-03 06:11:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 29.684 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 80.97 Mbit/s
95th percentile per-packet one-way delay: 29.959 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 8.71 Mbit/s
95th percentile per-packet one-way delay: 31.991 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 23.163 ms
Loss rate: 1.70%

Run 3: Report of PCC — Data Link

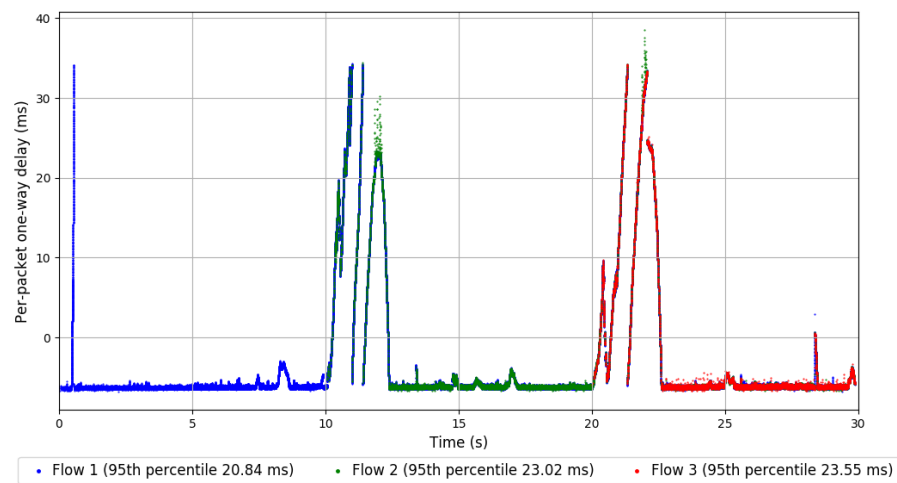
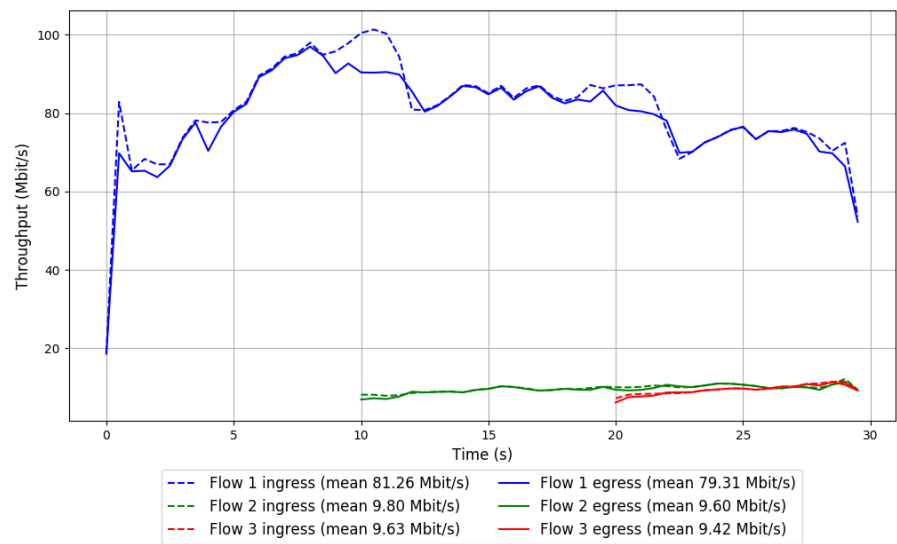


Run 4: Statistics of PCC

Start at: 2018-02-03 03:07:59
End at: 2018-02-03 03:08:29
Local clock offset: 0.784 ms
Remote clock offset: -19.486 ms

Below is generated by plot.py at 2018-02-03 06:11:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.80 Mbit/s
95th percentile per-packet one-way delay: 21.213 ms
Loss rate: 2.37%
-- Flow 1:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 20.844 ms
Loss rate: 2.40%
-- Flow 2:
Average throughput: 9.60 Mbit/s
95th percentile per-packet one-way delay: 23.017 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 23.551 ms
Loss rate: 2.15%

Run 4: Report of PCC — Data Link

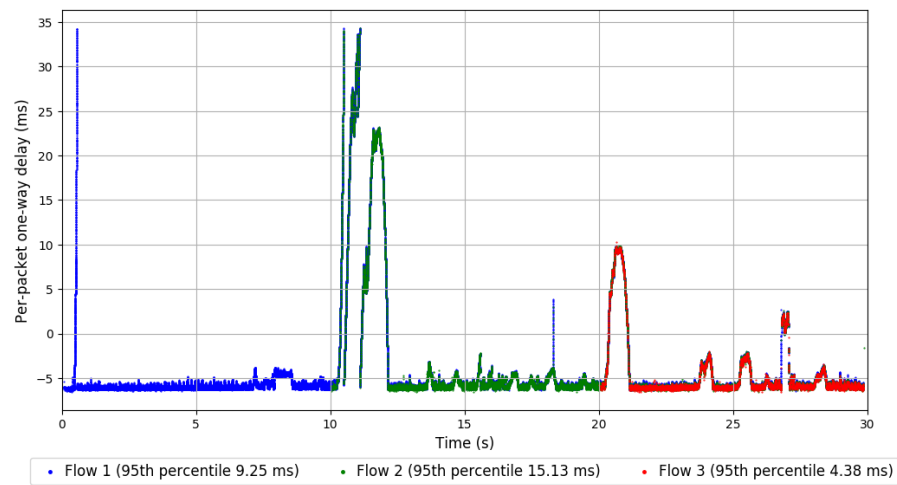
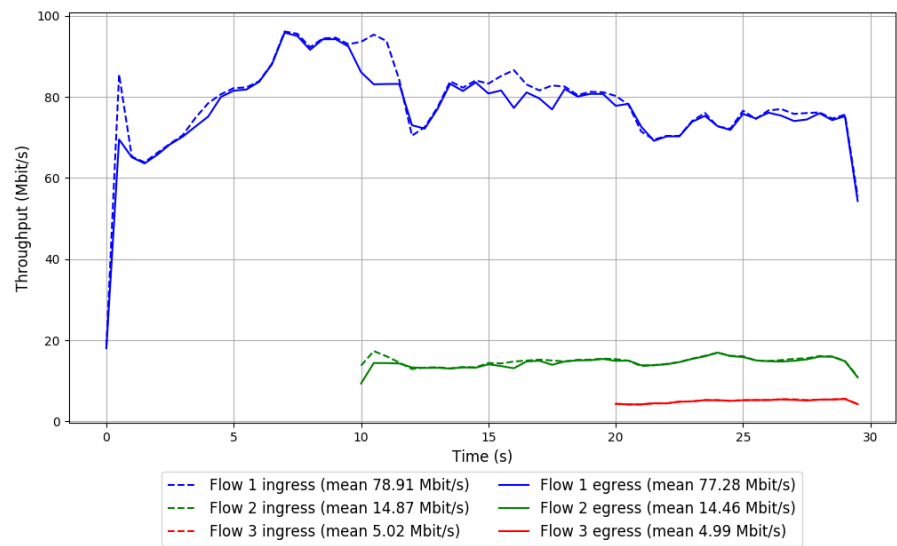


Run 5: Statistics of PCC

Start at: 2018-02-03 03:30:49
End at: 2018-02-03 03:31:19
Local clock offset: -0.246 ms
Remote clock offset: -20.677 ms

Below is generated by plot.py at 2018-02-03 06:11:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.53 Mbit/s
95th percentile per-packet one-way delay: 9.335 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 77.28 Mbit/s
95th percentile per-packet one-way delay: 9.254 ms
Loss rate: 2.07%
-- Flow 2:
Average throughput: 14.46 Mbit/s
95th percentile per-packet one-way delay: 15.130 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 4.99 Mbit/s
95th percentile per-packet one-way delay: 4.378 ms
Loss rate: 0.59%

Run 5: Report of PCC — Data Link

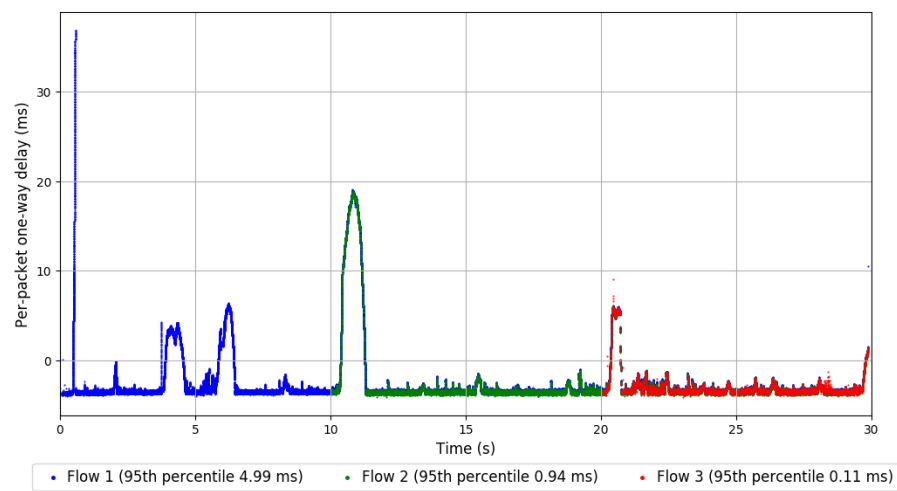
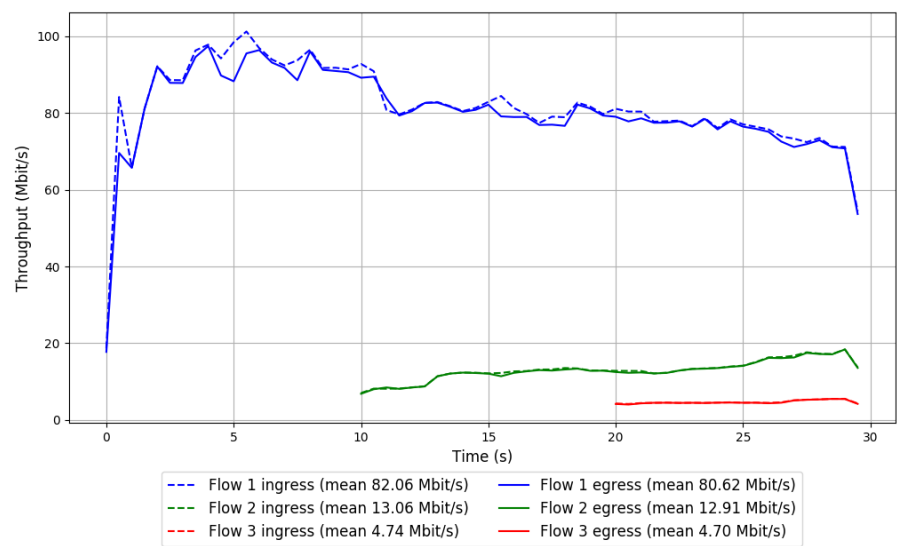


Run 6: Statistics of PCC

Start at: 2018-02-03 03:54:07
End at: 2018-02-03 03:54:37
Local clock offset: -2.046 ms
Remote clock offset: -19.823 ms

Below is generated by plot.py at 2018-02-03 06:12:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 4.736 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 80.62 Mbit/s
95th percentile per-packet one-way delay: 4.988 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 12.91 Mbit/s
95th percentile per-packet one-way delay: 0.938 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 0.113 ms
Loss rate: 0.99%

Run 6: Report of PCC — Data Link

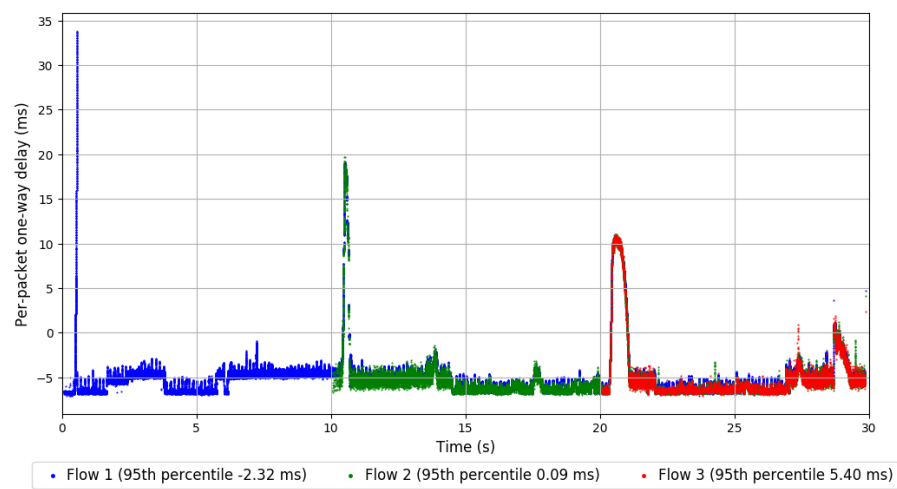
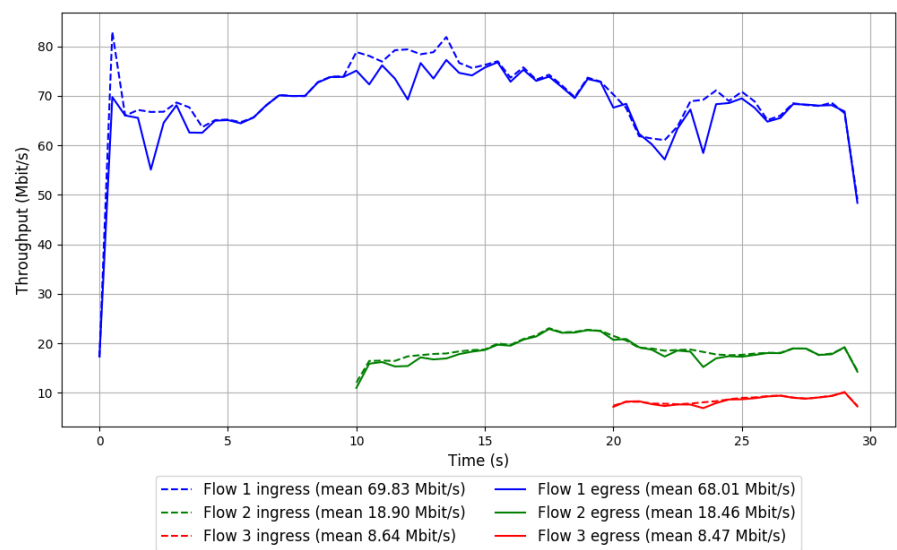


Run 7: Statistics of PCC

Start at: 2018-02-03 04:16:52
End at: 2018-02-03 04:17:22
Local clock offset: 0.411 ms
Remote clock offset: -20.75 ms

Below is generated by plot.py at 2018-02-03 06:12:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.08 Mbit/s
95th percentile per-packet one-way delay: -1.581 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 68.01 Mbit/s
95th percentile per-packet one-way delay: -2.323 ms
Loss rate: 2.58%
-- Flow 2:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 0.085 ms
Loss rate: 2.28%
-- Flow 3:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 5.402 ms
Loss rate: 1.87%

Run 7: Report of PCC — Data Link

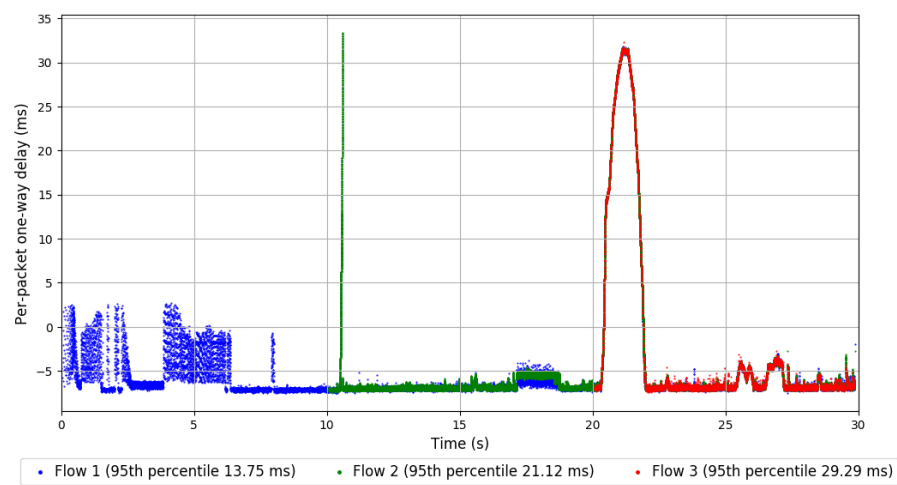
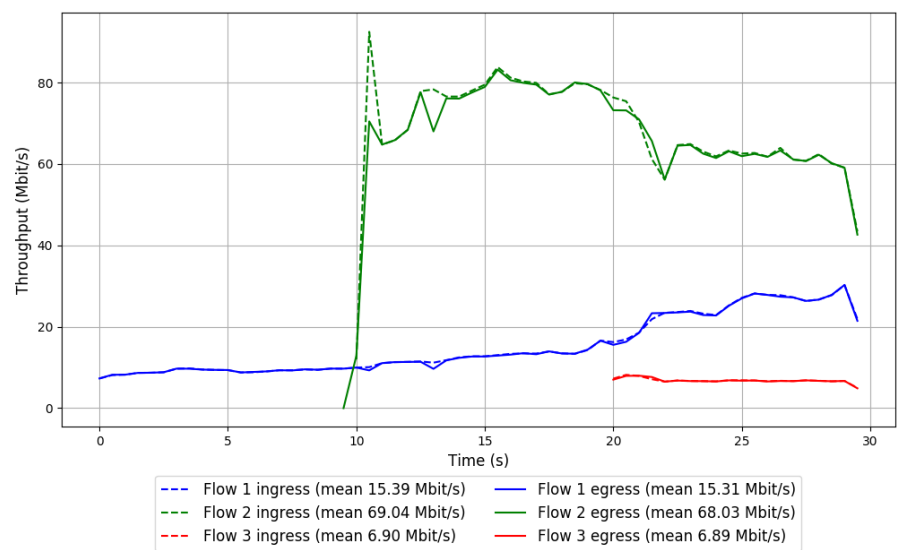


Run 8: Statistics of PCC

Start at: 2018-02-03 04:38:54
End at: 2018-02-03 04:39:24
Local clock offset: 2.628 ms
Remote clock offset: -20.774 ms

Below is generated by plot.py at 2018-02-03 06:12:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.83 Mbit/s
95th percentile per-packet one-way delay: 20.546 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 15.31 Mbit/s
95th percentile per-packet one-way delay: 13.747 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 68.03 Mbit/s
95th percentile per-packet one-way delay: 21.120 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 29.294 ms
Loss rate: 0.21%

Run 8: Report of PCC — Data Link

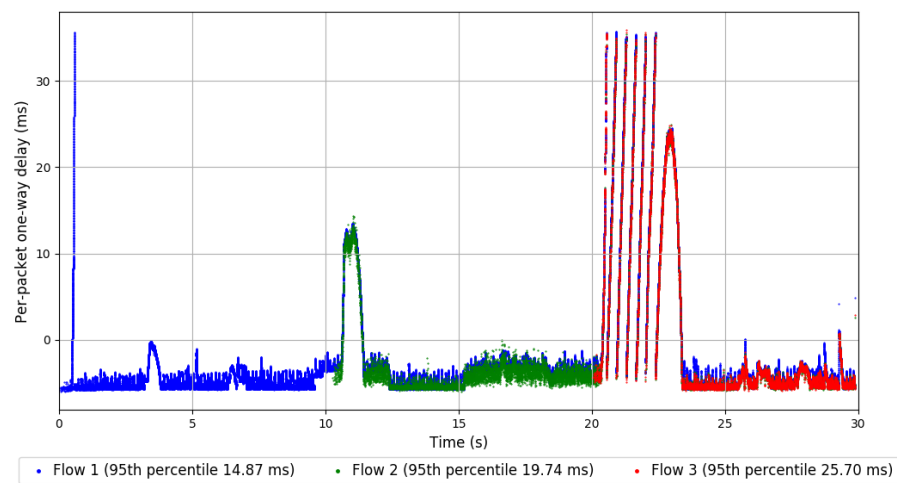
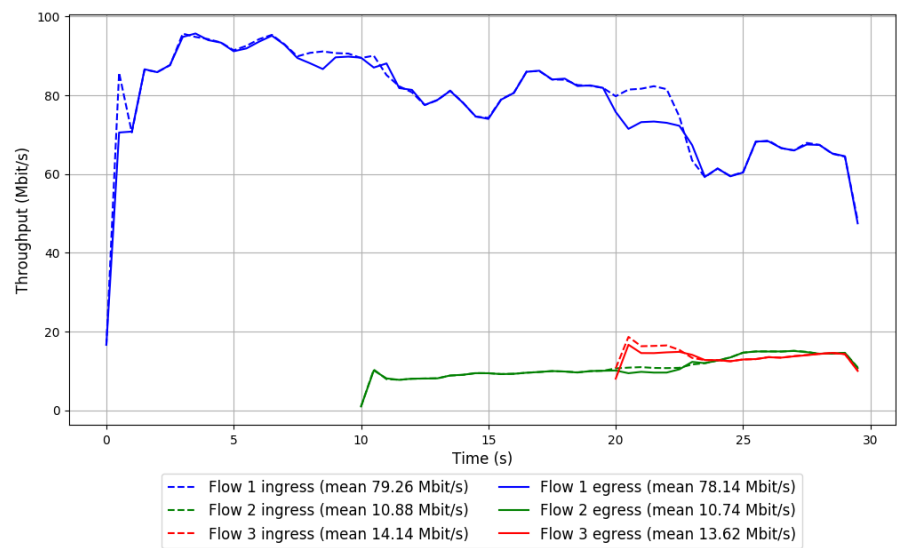


Run 9: Statistics of PCC

Start at: 2018-02-03 05:01:24
End at: 2018-02-03 05:01:54
Local clock offset: 0.968 ms
Remote clock offset: -22.88 ms

Below is generated by plot.py at 2018-02-03 06:12:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.77 Mbit/s
95th percentile per-packet one-way delay: 17.434 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 78.14 Mbit/s
95th percentile per-packet one-way delay: 14.869 ms
Loss rate: 1.39%
-- Flow 2:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 19.740 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: 25.703 ms
Loss rate: 3.57%

Run 9: Report of PCC — Data Link

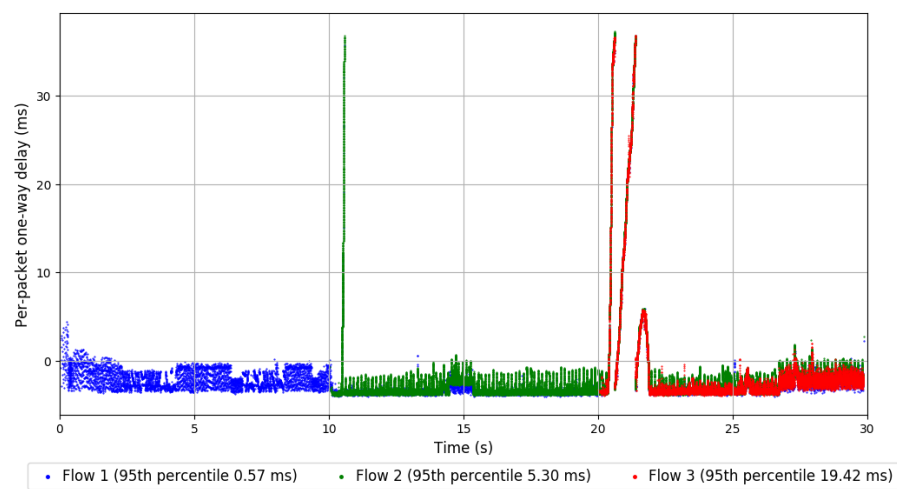
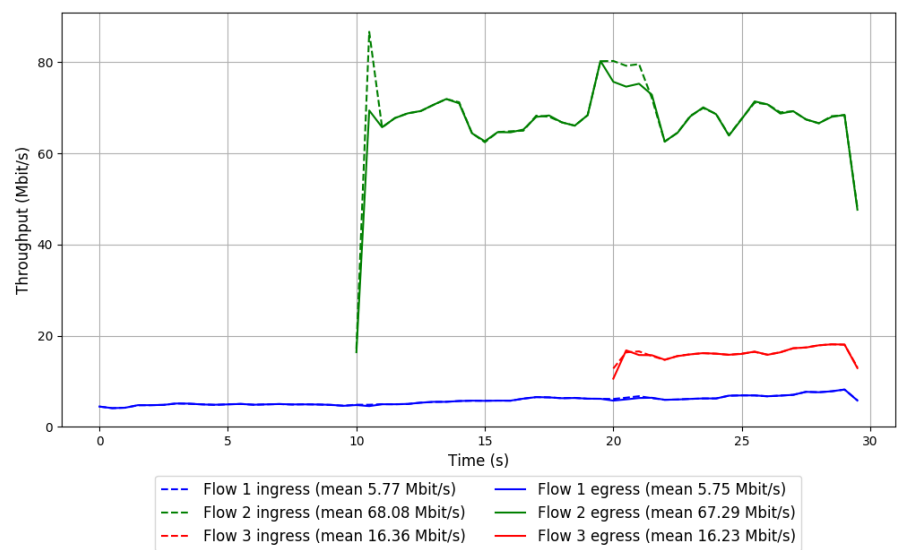


Run 10: Statistics of PCC

Start at: 2018-02-03 05:24:23
End at: 2018-02-03 05:24:53
Local clock offset: -1.263 ms
Remote clock offset: -24.252 ms

Below is generated by plot.py at 2018-02-03 06:12:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.85 Mbit/s
95th percentile per-packet one-way delay: 5.426 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 5.75 Mbit/s
95th percentile per-packet one-way delay: 0.571 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 67.29 Mbit/s
95th percentile per-packet one-way delay: 5.296 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 19.423 ms
Loss rate: 0.80%

Run 10: Report of PCC — Data Link

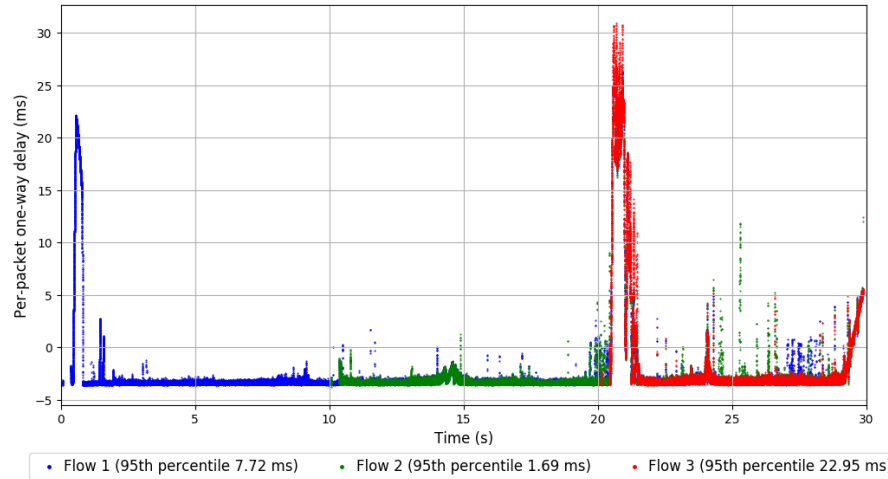
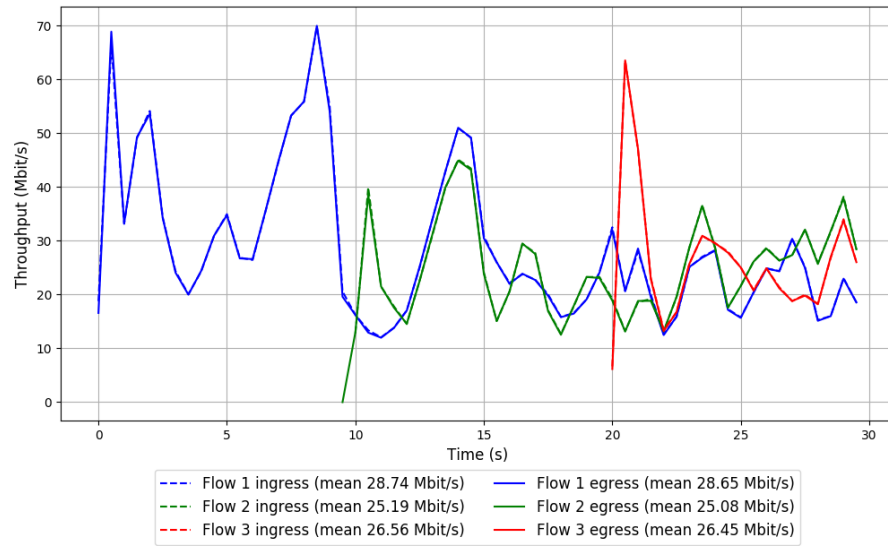


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-02-03 02:04:52
End at: 2018-02-03 02:05:22
Local clock offset: -2.402 ms
Remote clock offset: -19.278 ms

# Below is generated by plot.py at 2018-02-03 06:12:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: 10.925 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 28.65 Mbit/s
95th percentile per-packet one-way delay: 7.717 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 25.08 Mbit/s
95th percentile per-packet one-way delay: 1.691 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 26.45 Mbit/s
95th percentile per-packet one-way delay: 22.951 ms
Loss rate: 0.26%
```

Run 1: Report of QUIC Cubic — Data Link

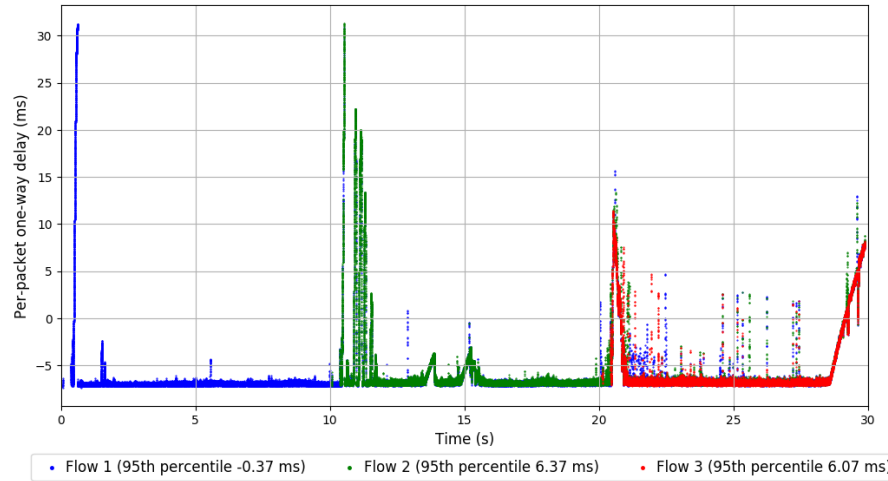
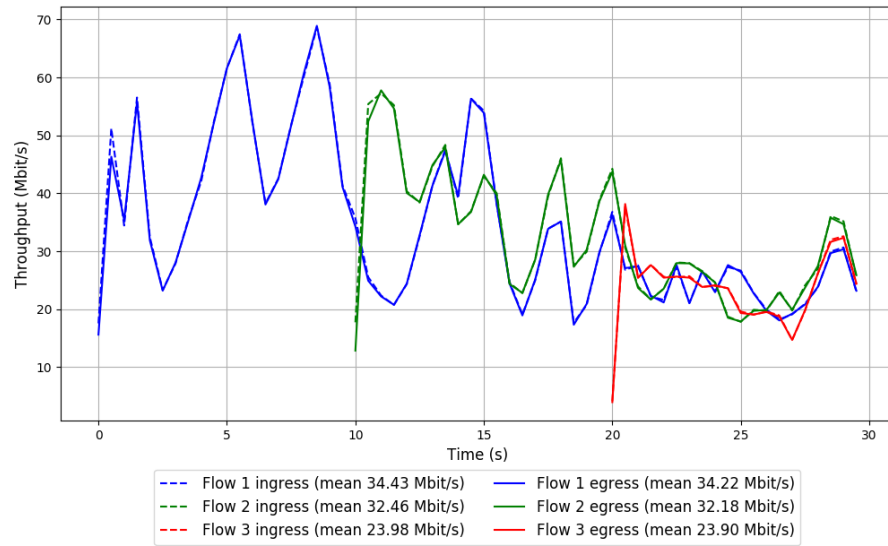


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-03 02:26:48
End at: 2018-02-03 02:27:18
Local clock offset: 0.838 ms
Remote clock offset: -20.193 ms

Below is generated by plot.py at 2018-02-03 06:12:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.46 Mbit/s
95th percentile per-packet one-way delay: 3.637 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 34.22 Mbit/s
95th percentile per-packet one-way delay: -0.371 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 6.365 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 23.90 Mbit/s
95th percentile per-packet one-way delay: 6.070 ms
Loss rate: 0.19%

Run 2: Report of QUIC Cubic — Data Link

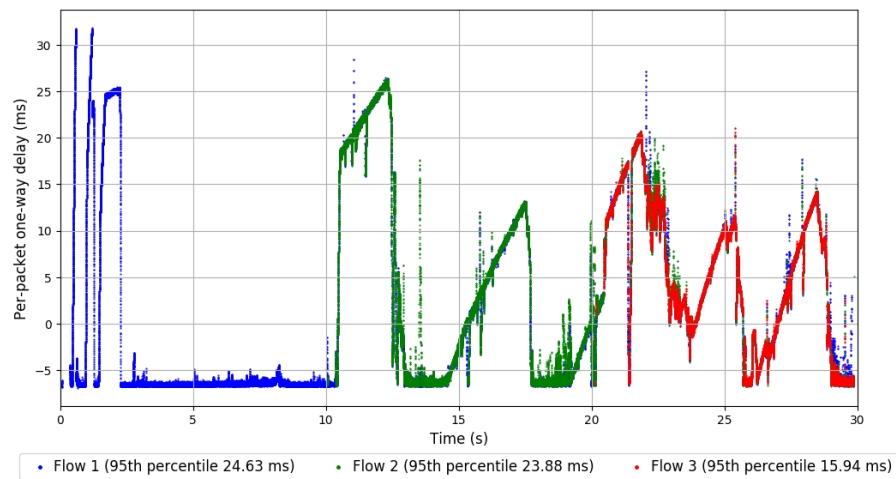
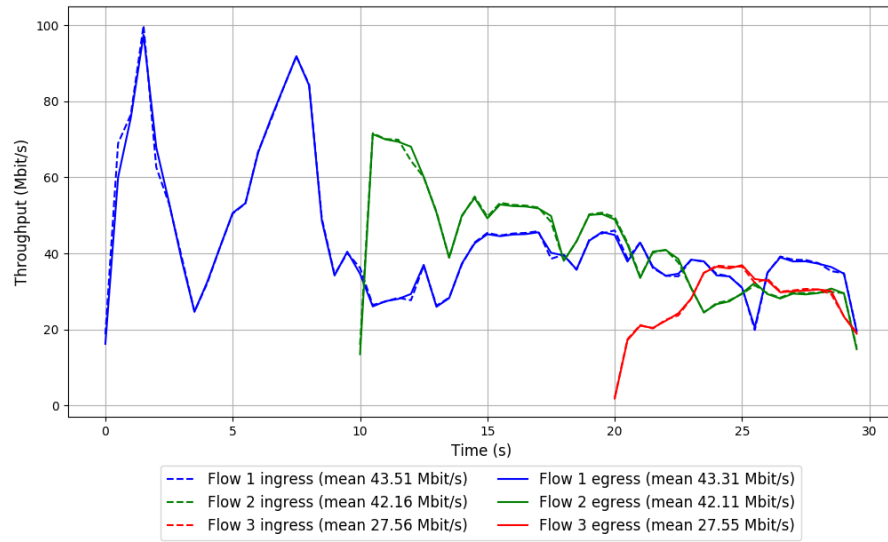


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-03 02:49:05
End at: 2018-02-03 02:49:35
Local clock offset: 0.301 ms
Remote clock offset: -20.454 ms

Below is generated by plot.py at 2018-02-03 06:13:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.32 Mbit/s
95th percentile per-packet one-way delay: 24.181 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 43.31 Mbit/s
95th percentile per-packet one-way delay: 24.634 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 42.11 Mbit/s
95th percentile per-packet one-way delay: 23.882 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 27.55 Mbit/s
95th percentile per-packet one-way delay: 15.942 ms
Loss rate: 0.08%

Run 3: Report of QUIC Cubic — Data Link

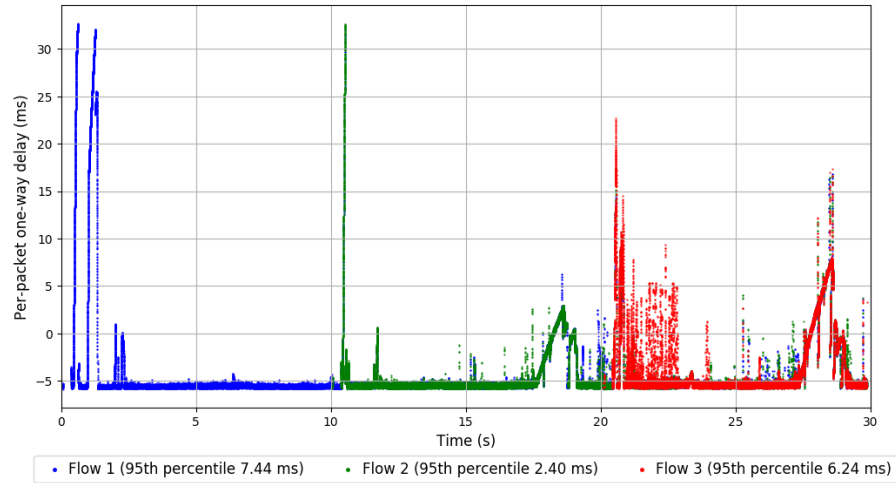
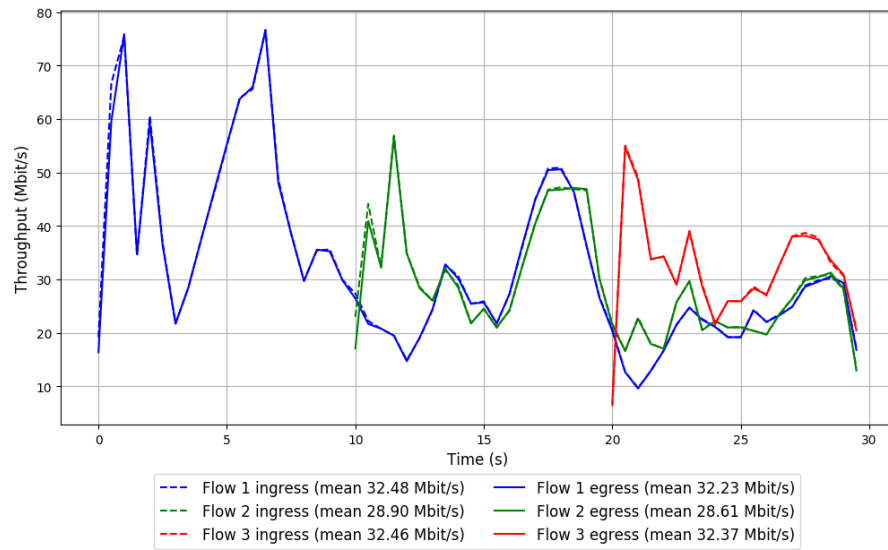


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-03 03:11:42
End at: 2018-02-03 03:12:12
Local clock offset: 1.708 ms
Remote clock offset: -17.869 ms

Below is generated by plot.py at 2018-02-03 06:13:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.86 Mbit/s
95th percentile per-packet one-way delay: 5.398 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 7.441 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 28.61 Mbit/s
95th percentile per-packet one-way delay: 2.401 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 32.37 Mbit/s
95th percentile per-packet one-way delay: 6.236 ms
Loss rate: 0.18%

Run 4: Report of QUIC Cubic — Data Link

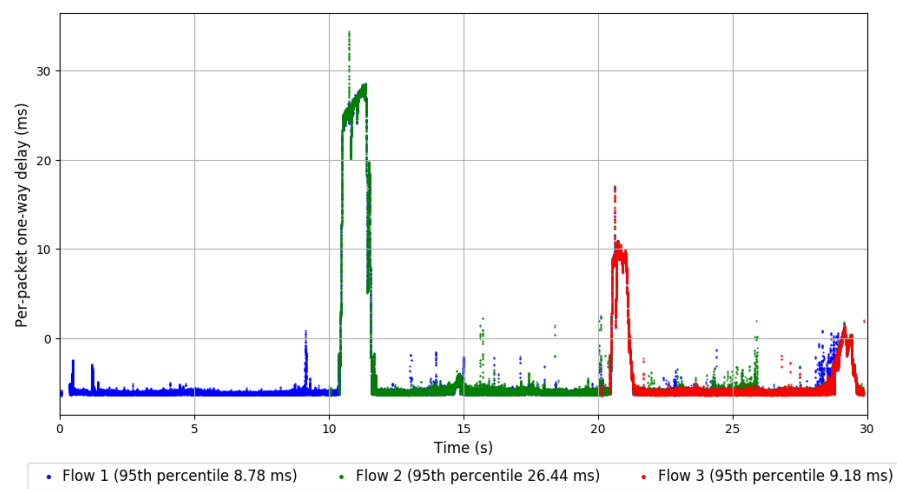
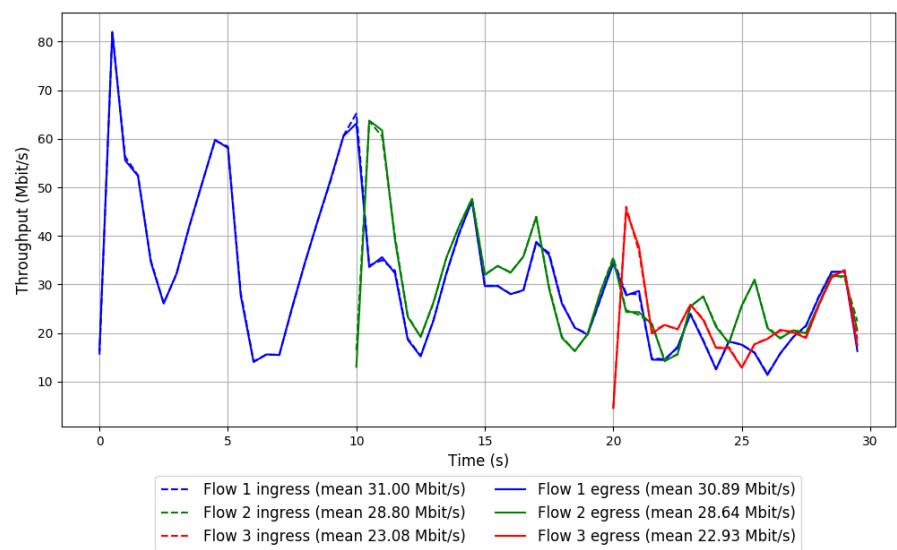


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-03 03:34:56
End at: 2018-02-03 03:35:26
Local clock offset: -0.326 ms
Remote clock offset: -20.711 ms

Below is generated by plot.py at 2018-02-03 06:13:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 22.212 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 30.89 Mbit/s
95th percentile per-packet one-way delay: 8.781 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 28.64 Mbit/s
95th percentile per-packet one-way delay: 26.439 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 22.93 Mbit/s
95th percentile per-packet one-way delay: 9.177 ms
Loss rate: 0.58%

Run 5: Report of QUIC Cubic — Data Link

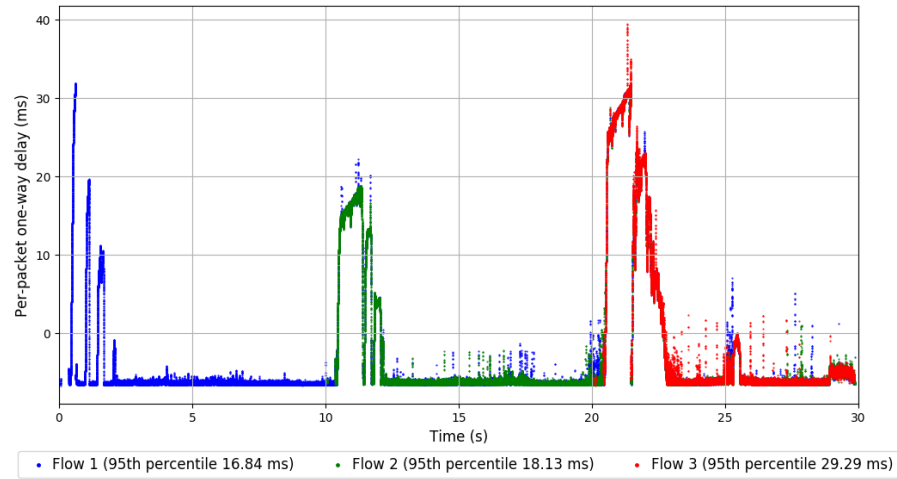
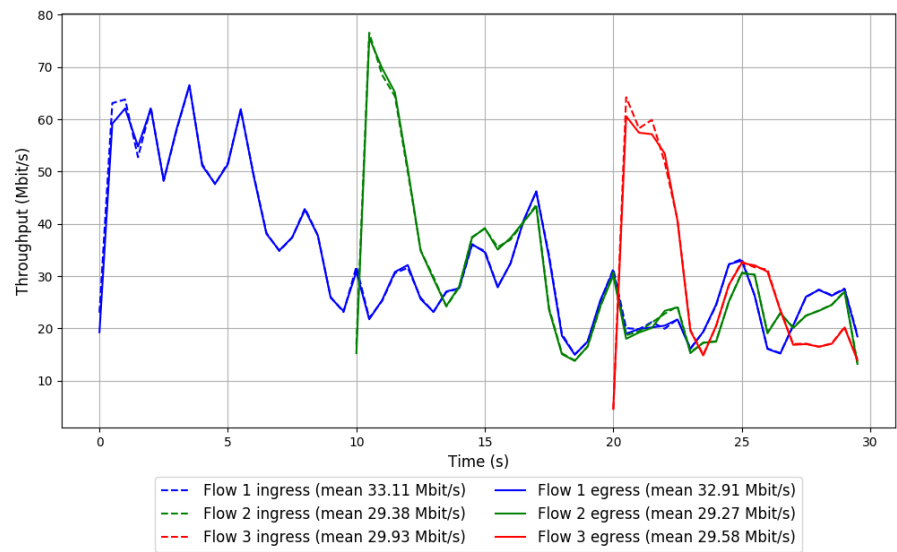


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-03 03:58:05
End at: 2018-02-03 03:58:35
Local clock offset: 0.495 ms
Remote clock offset: -19.852 ms

Below is generated by plot.py at 2018-02-03 06:13:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.04 Mbit/s
95th percentile per-packet one-way delay: 24.845 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 32.91 Mbit/s
95th percentile per-packet one-way delay: 16.841 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 29.27 Mbit/s
95th percentile per-packet one-way delay: 18.133 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 29.290 ms
Loss rate: 1.17%

Run 6: Report of QUIC Cubic — Data Link

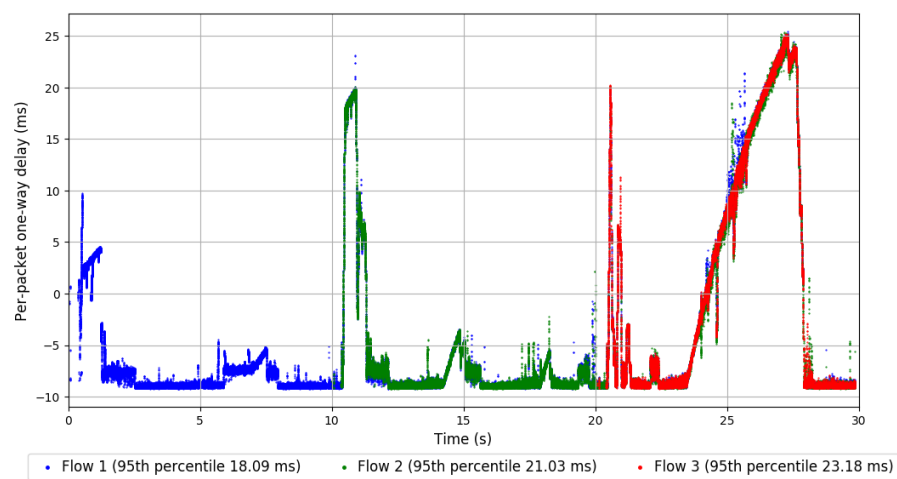
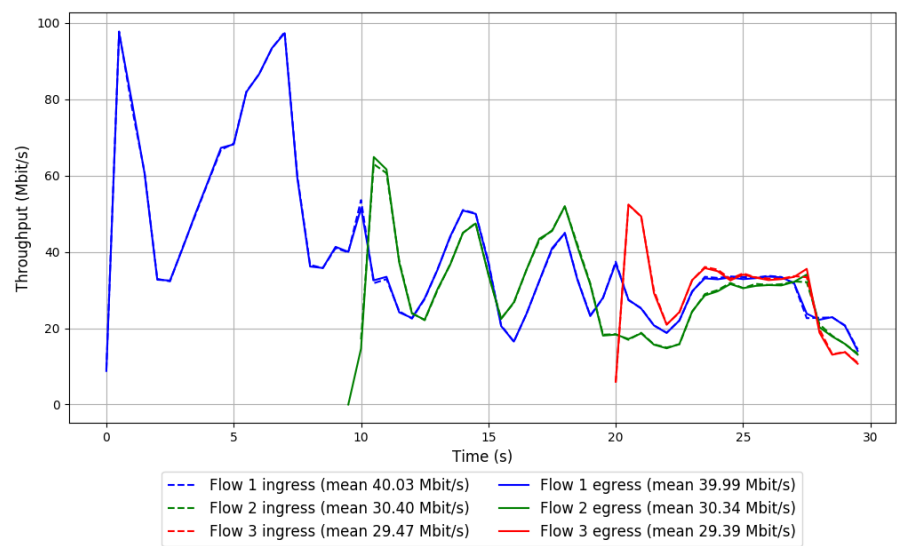


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-03 04:20:32
End at: 2018-02-03 04:21:02
Local clock offset: 4.429 ms
Remote clock offset: -19.039 ms

Below is generated by plot.py at 2018-02-03 06:13:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.81 Mbit/s
95th percentile per-packet one-way delay: 20.441 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 39.99 Mbit/s
95th percentile per-packet one-way delay: 18.089 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 30.34 Mbit/s
95th percentile per-packet one-way delay: 21.034 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 29.39 Mbit/s
95th percentile per-packet one-way delay: 23.180 ms
Loss rate: 0.28%

Run 7: Report of QUIC Cubic — Data Link

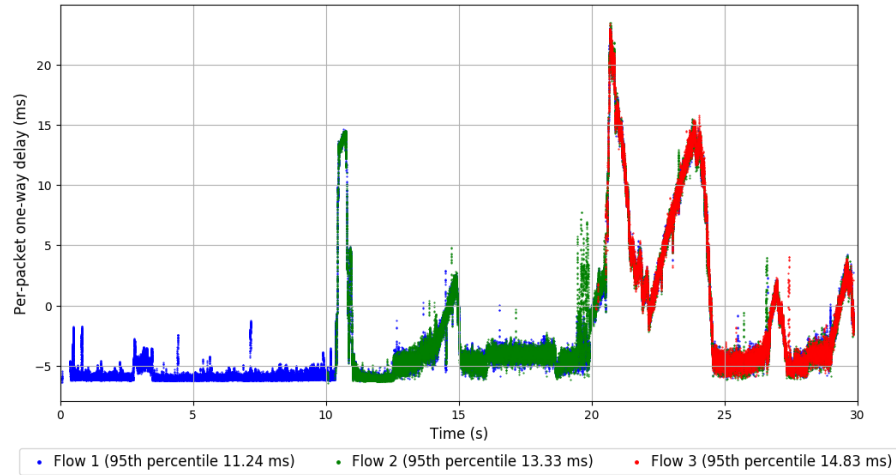
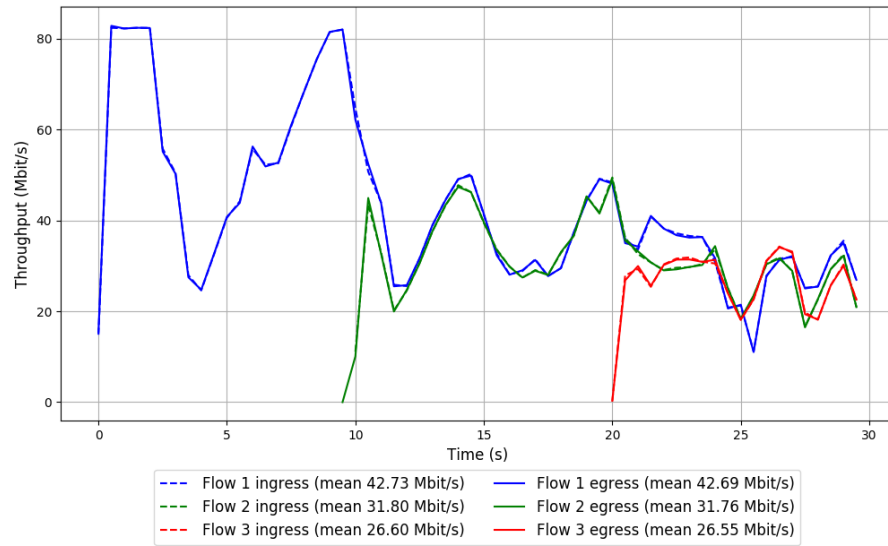


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-03 04:42:36
End at: 2018-02-03 04:43:06
Local clock offset: 1.459 ms
Remote clock offset: -20.969 ms

Below is generated by plot.py at 2018-02-03 06:13:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.46 Mbit/s
95th percentile per-packet one-way delay: 13.022 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 11.238 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 13.328 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 26.55 Mbit/s
95th percentile per-packet one-way delay: 14.833 ms
Loss rate: 0.16%

Run 8: Report of QUIC Cubic — Data Link

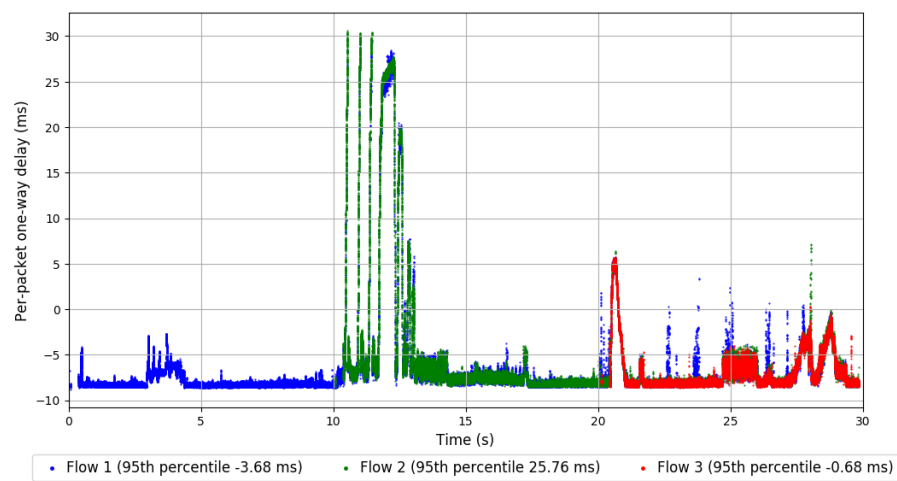
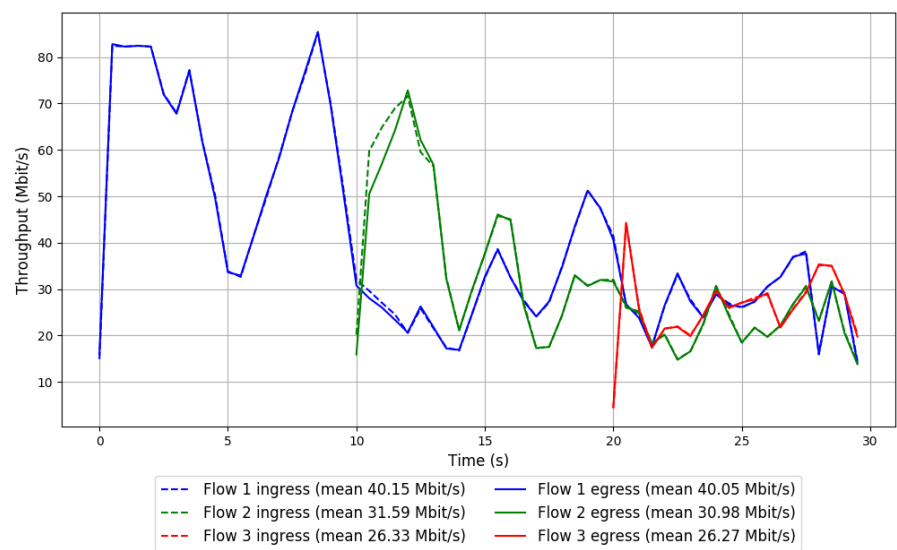


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-03 05:05:18
End at: 2018-02-03 05:05:48
Local clock offset: 2.153 ms
Remote clock offset: -25.004 ms

Below is generated by plot.py at 2018-02-03 06:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.26 Mbit/s
95th percentile per-packet one-way delay: 5.531 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: -3.684 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 30.98 Mbit/s
95th percentile per-packet one-way delay: 25.763 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 26.27 Mbit/s
95th percentile per-packet one-way delay: -0.679 ms
Loss rate: 0.22%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-03 05:28:04

End at: 2018-02-03 05:28:34

Local clock offset: -2.569 ms

Remote clock offset: -23.666 ms

Below is generated by plot.py at 2018-02-03 06:14:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.07 Mbit/s

95th percentile per-packet one-way delay: 10.231 ms

Loss rate: 0.78%

-- Flow 1:

Average throughput: 47.35 Mbit/s

95th percentile per-packet one-way delay: 6.495 ms

Loss rate: 0.75%

-- Flow 2:

Average throughput: 30.35 Mbit/s

95th percentile per-packet one-way delay: 15.706 ms

Loss rate: 1.14%

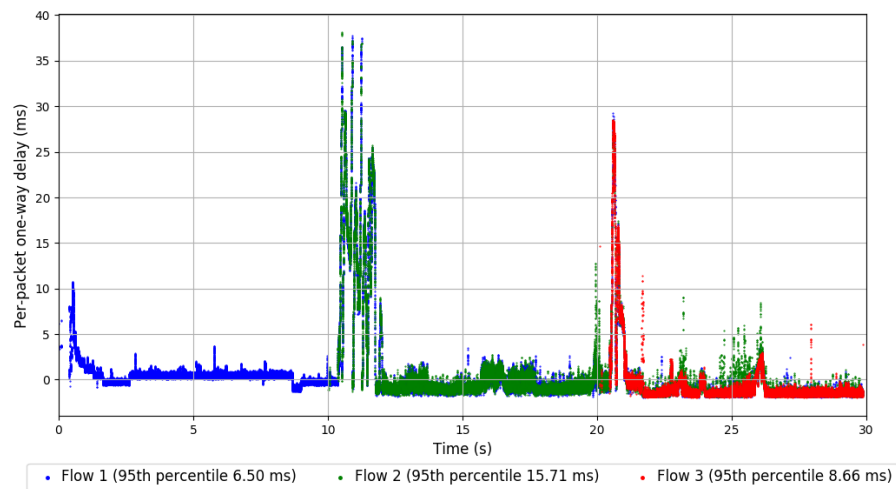
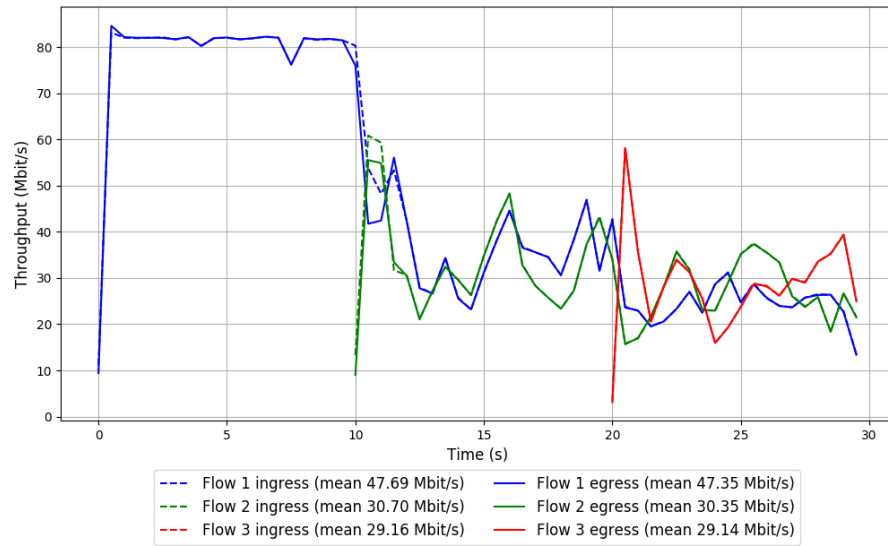
-- Flow 3:

Average throughput: 29.14 Mbit/s

95th percentile per-packet one-way delay: 8.660 ms

Loss rate: 0.17%

Run 10: Report of QUIC Cubic — Data Link

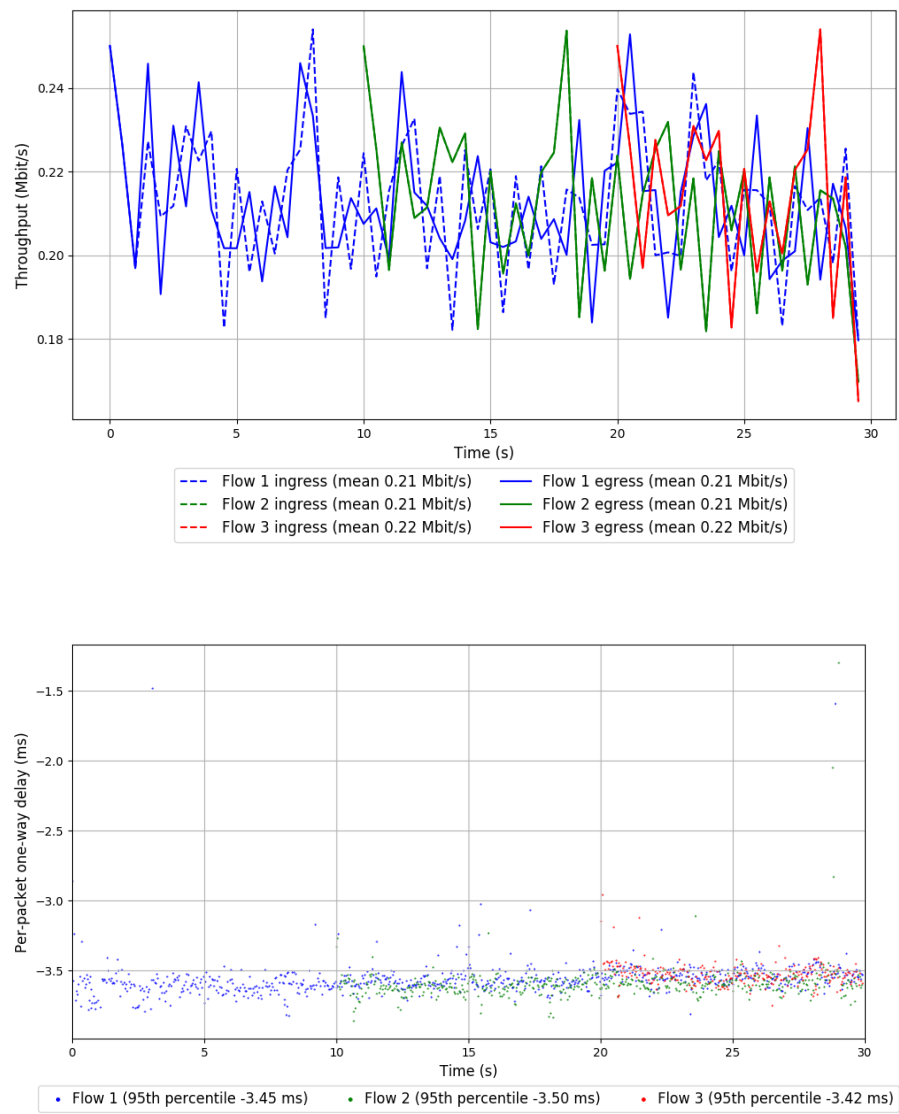


Run 1: Statistics of SReAM

Start at: 2018-02-03 01:47:40
End at: 2018-02-03 01:48:10
Local clock offset: -4.433 ms
Remote clock offset: -20.163 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -3.451 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.454 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.496 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -3.424 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

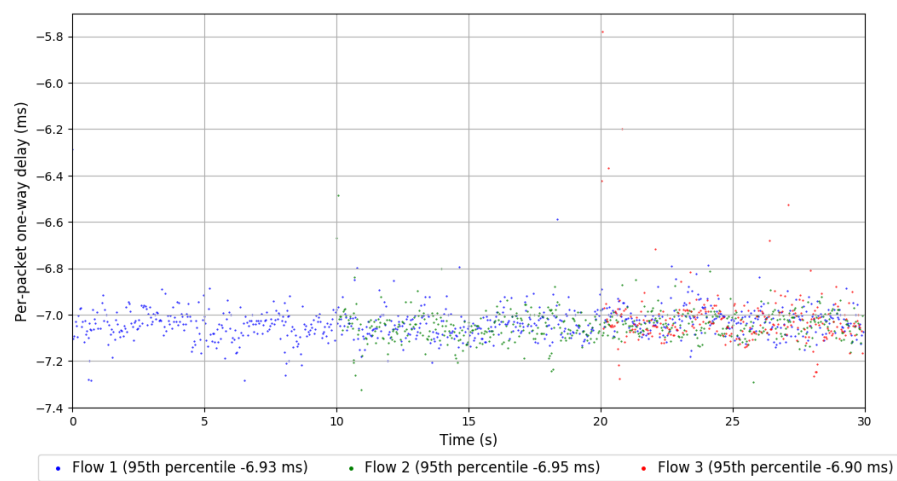
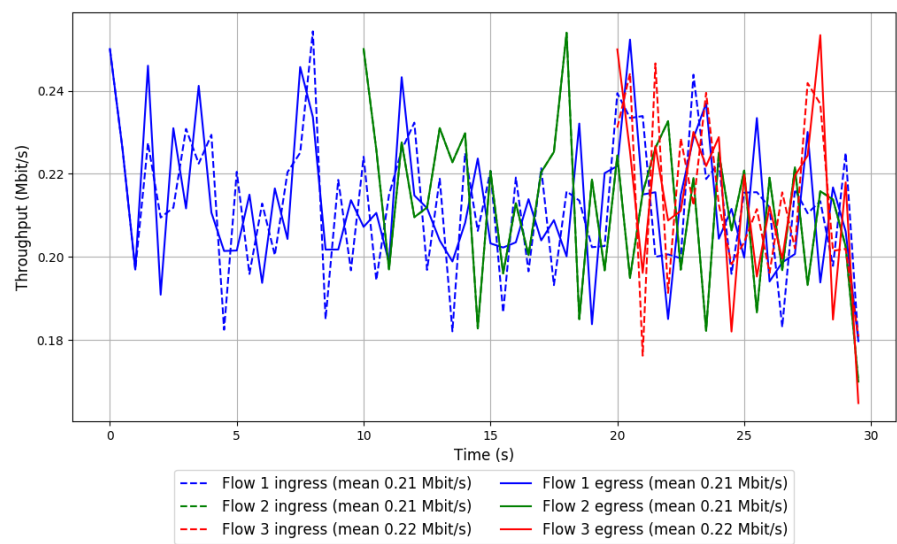


Run 2: Statistics of SReAM

Start at: 2018-02-03 02:09:44
End at: 2018-02-03 02:10:14
Local clock offset: -0.689 ms
Remote clock offset: -21.394 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.932 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.927 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.951 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.904 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

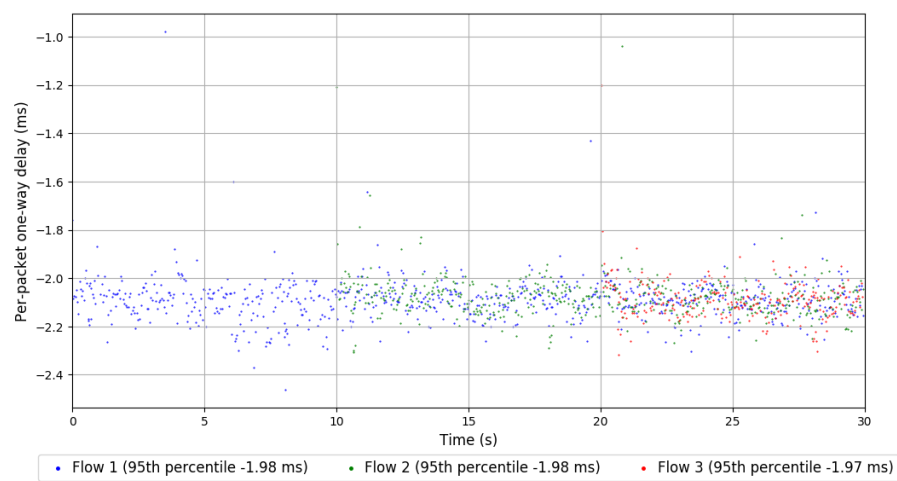
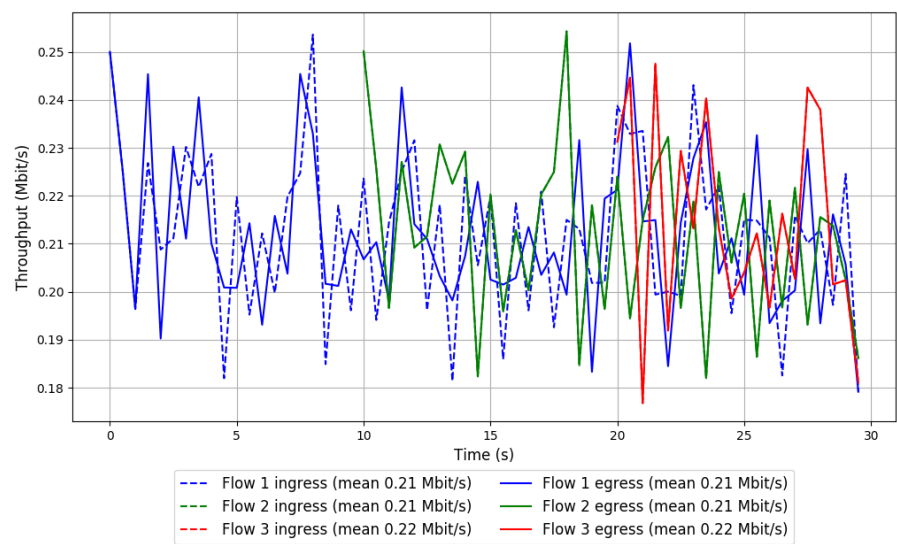


Run 3: Statistics of SCReAM

Start at: 2018-02-03 02:31:45
End at: 2018-02-03 02:32:15
Local clock offset: -2.75 ms
Remote clock offset: -18.991 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -1.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -1.984 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -1.979 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -1.970 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

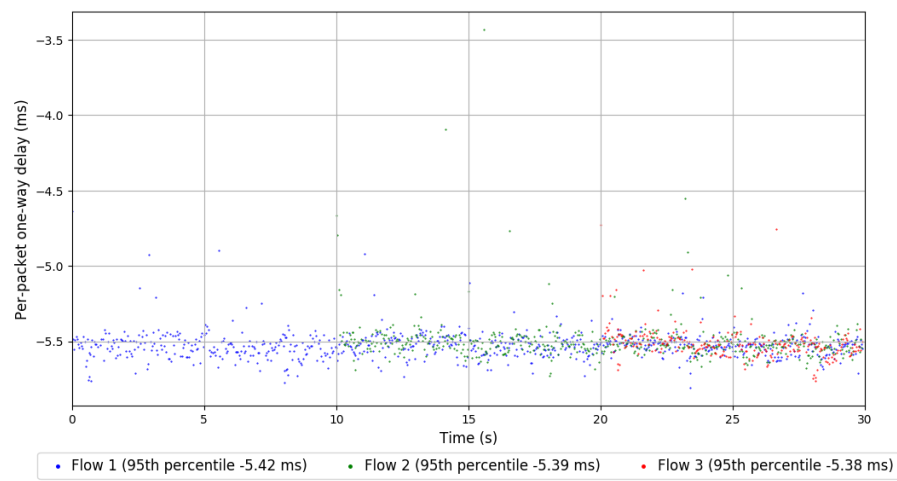
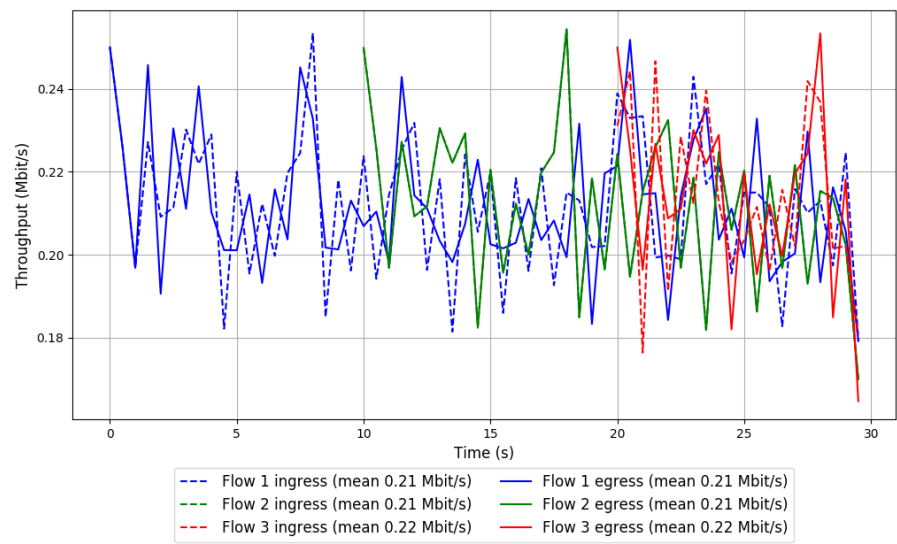


Run 4: Statistics of SReAM

Start at: 2018-02-03 02:54:14
End at: 2018-02-03 02:54:44
Local clock offset: -0.309 ms
Remote clock offset: -20.1 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -5.406 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.425 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.395 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -5.381 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

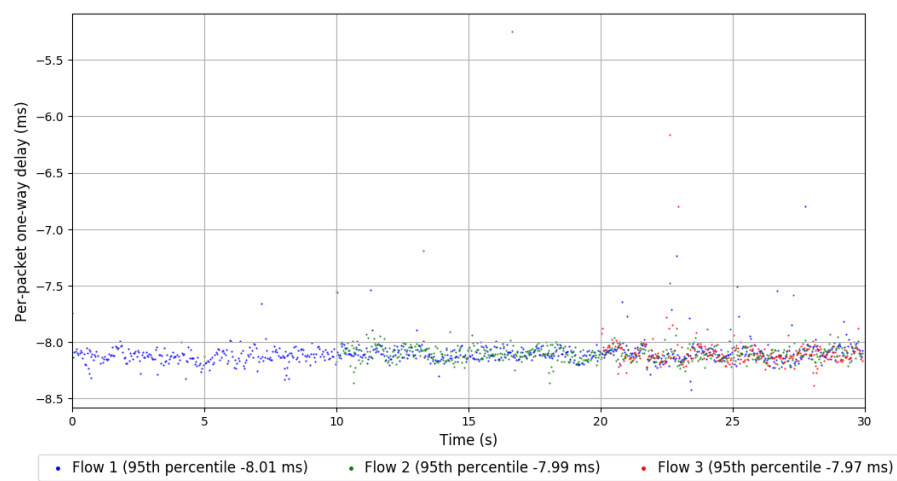
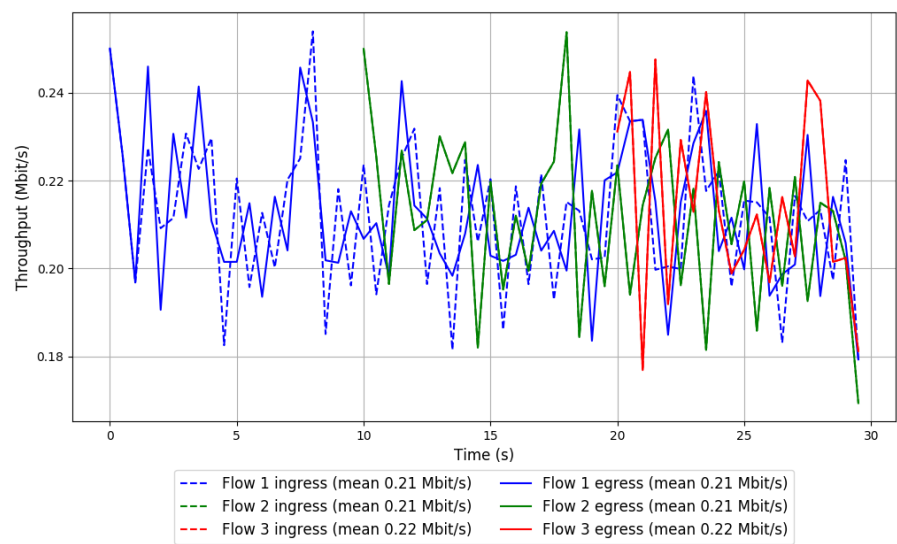


Run 5: Statistics of SReAM

Start at: 2018-02-03 03:16:44
End at: 2018-02-03 03:17:14
Local clock offset: 1.803 ms
Remote clock offset: -20.404 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.998 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.007 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.994 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.975 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

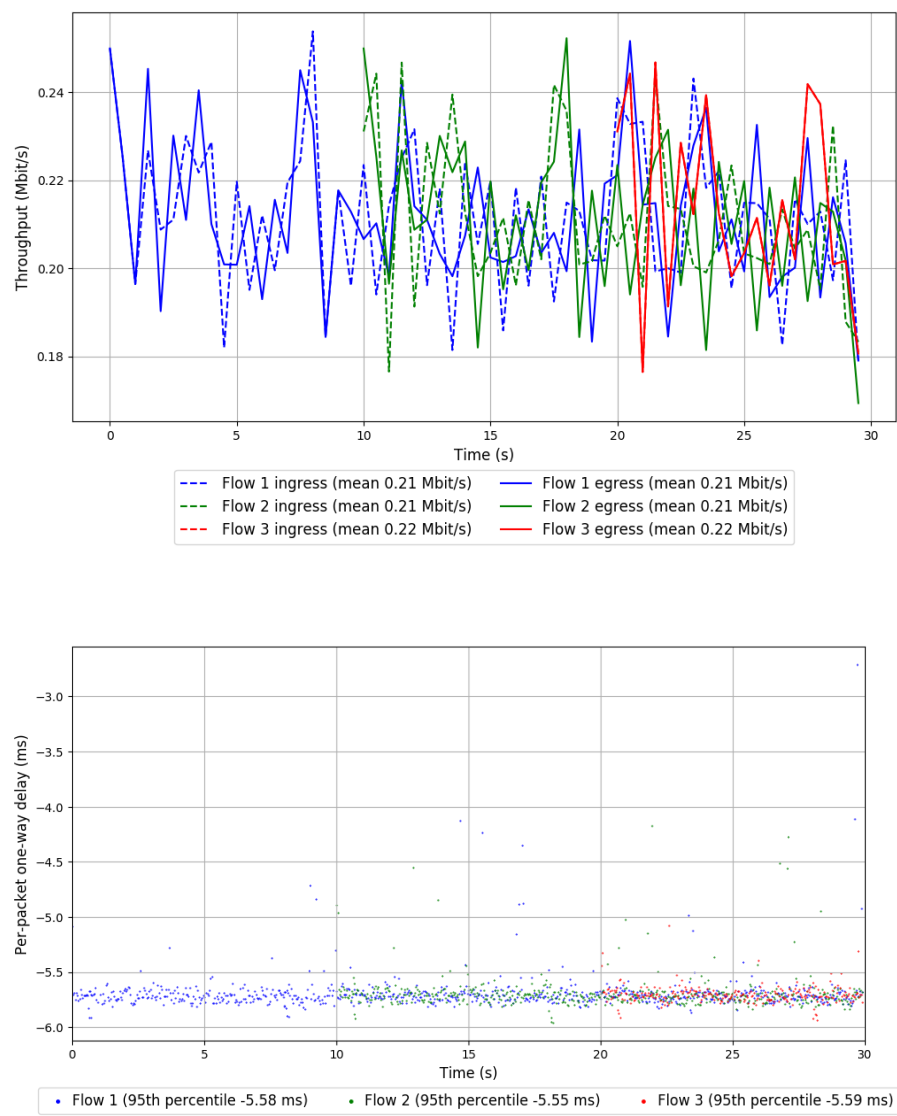


Run 6: Statistics of SReAM

Start at: 2018-02-03 03:40:06
End at: 2018-02-03 03:40:36
Local clock offset: -1.47 ms
Remote clock offset: -21.708 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -5.575 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.584 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -5.595 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

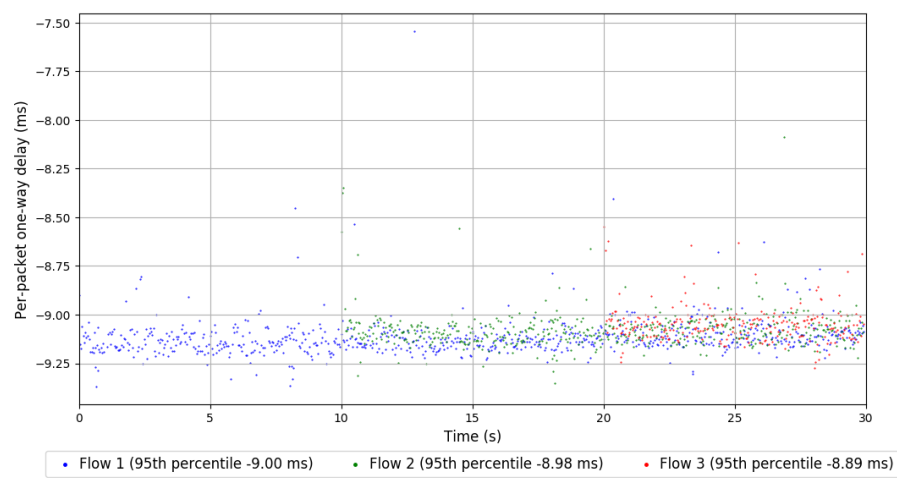
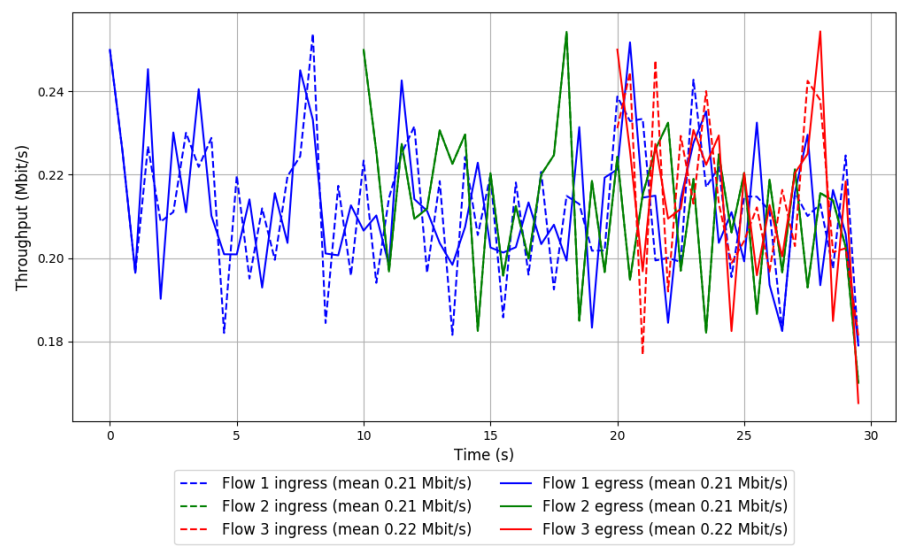


Run 7: Statistics of SReAM

Start at: 2018-02-03 04:03:07
End at: 2018-02-03 04:03:37
Local clock offset: 2.959 ms
Remote clock offset: -20.14 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -8.973 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.999 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.976 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -8.893 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

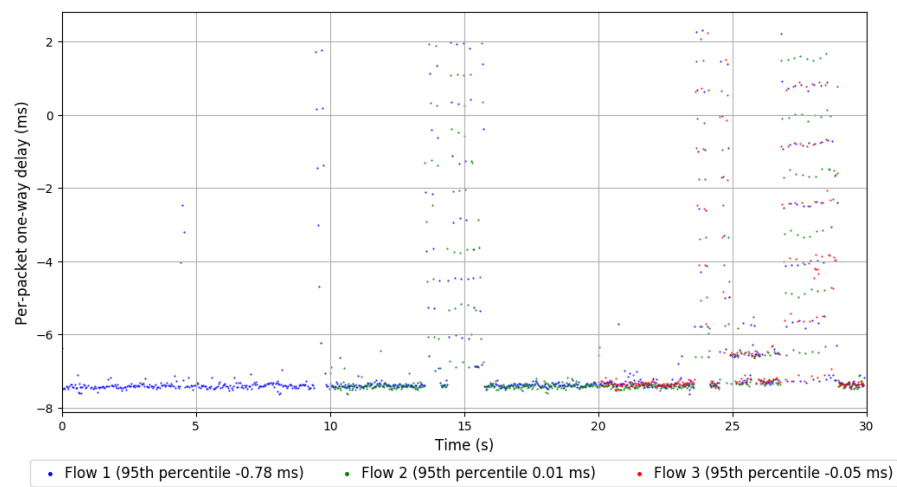
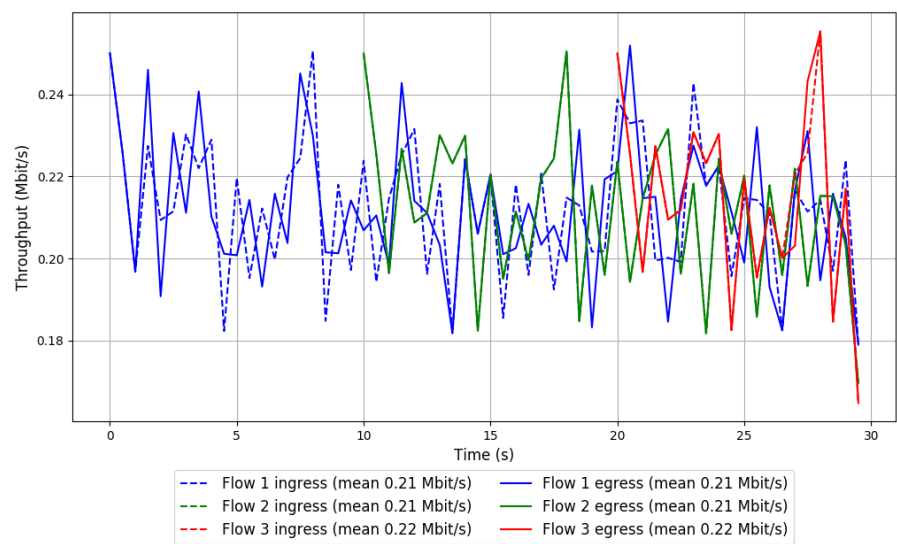


Run 8: Statistics of SReAM

Start at: 2018-02-03 04:25:31
End at: 2018-02-03 04:26:01
Local clock offset: 3.484 ms
Remote clock offset: -19.191 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -0.097 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -0.782 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 0.005 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -0.052 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

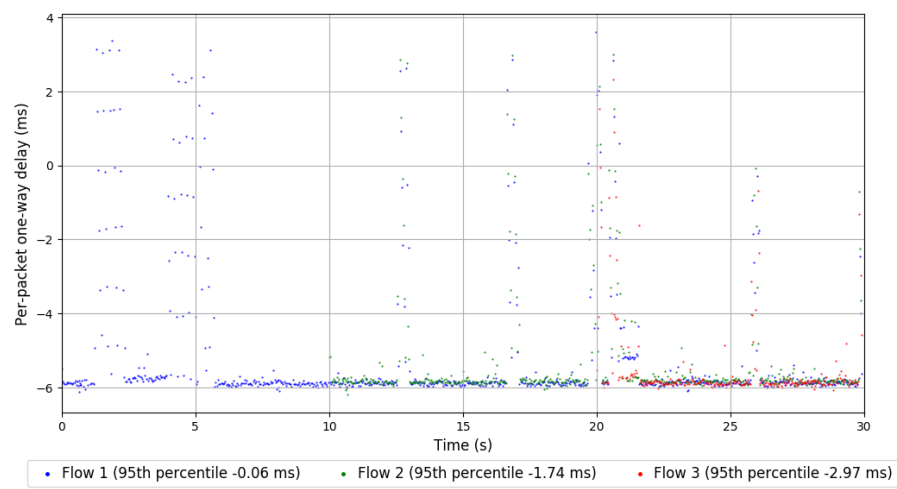
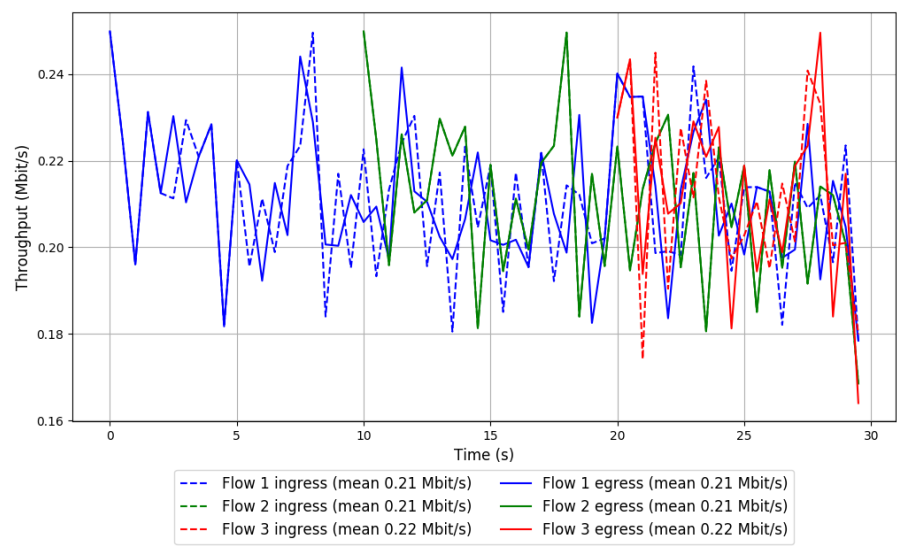


Run 9: Statistics of SReAM

Start at: 2018-02-03 04:47:34
End at: 2018-02-03 04:48:04
Local clock offset: 2.442 ms
Remote clock offset: -19.907 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: -0.813 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -0.059 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -1.743 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -2.970 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

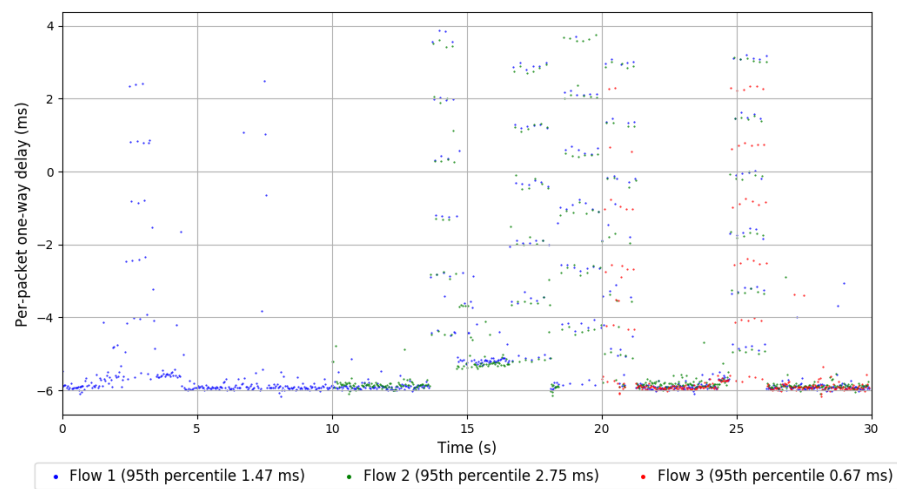
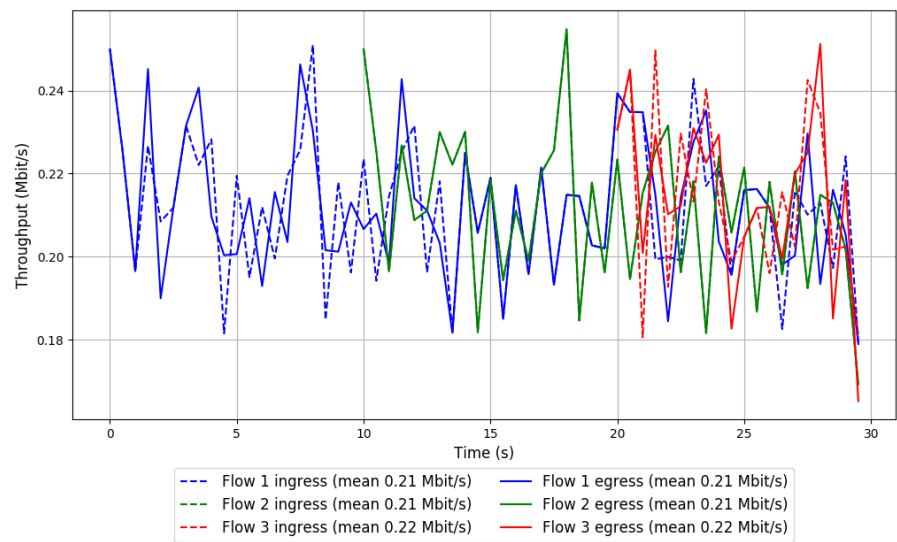


Run 10: Statistics of SReAM

Start at: 2018-02-03 05:10:47
End at: 2018-02-03 05:11:17
Local clock offset: 3.11 ms
Remote clock offset: -22.195 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 1.472 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 2.747 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.671 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

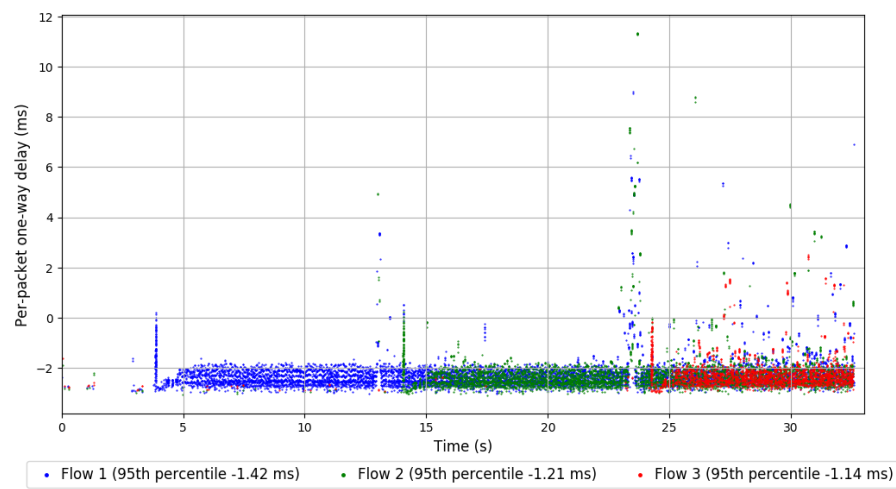
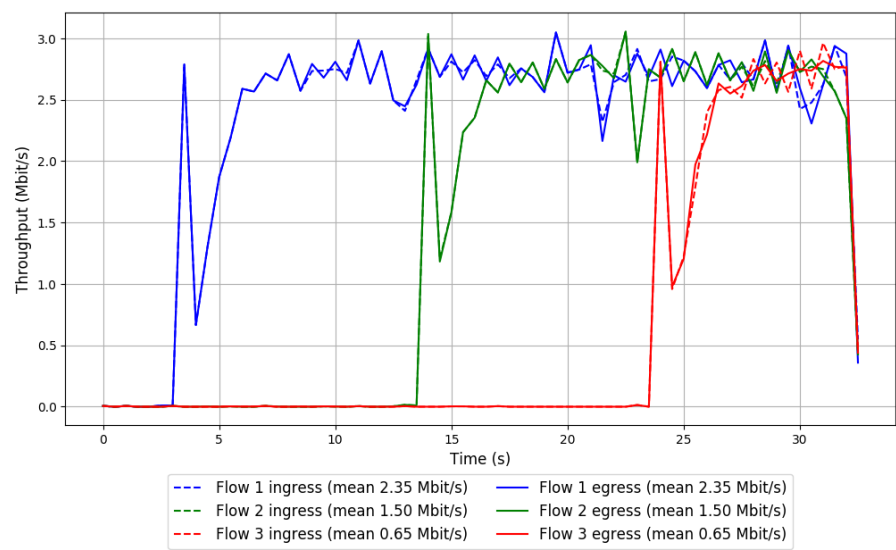


Run 1: Statistics of WebRTC media

Start at: 2018-02-03 02:07:22
End at: 2018-02-03 02:07:52
Local clock offset: -2.49 ms
Remote clock offset: -18.722 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -1.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -1.416 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -1.209 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -1.135 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

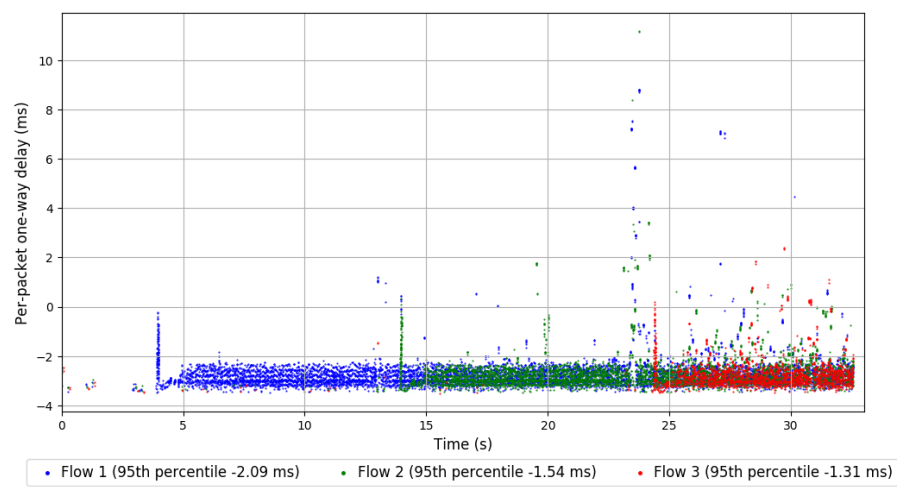
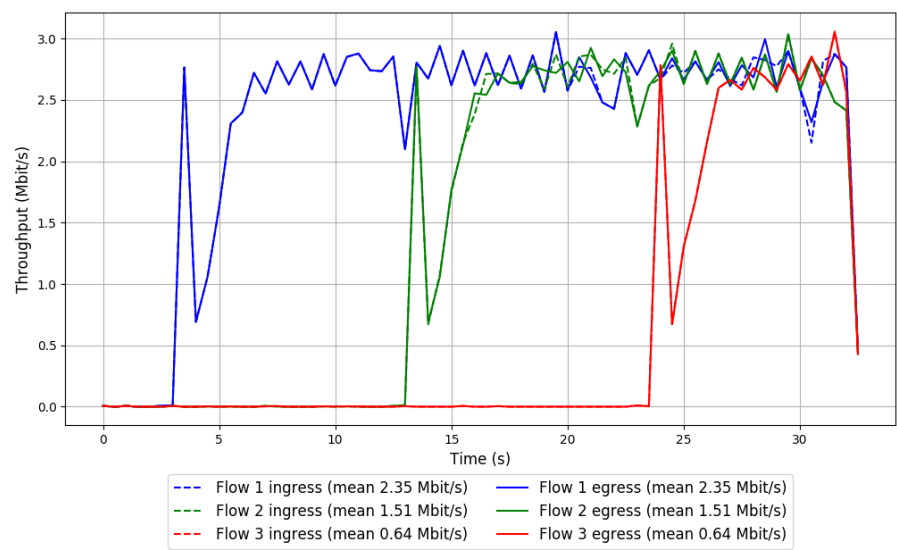


Run 2: Statistics of WebRTC media

Start at: 2018-02-03 02:29:18
End at: 2018-02-03 02:29:48
Local clock offset: -3.067 ms
Remote clock offset: -20.242 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: -1.735 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -2.092 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -1.542 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -1.306 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

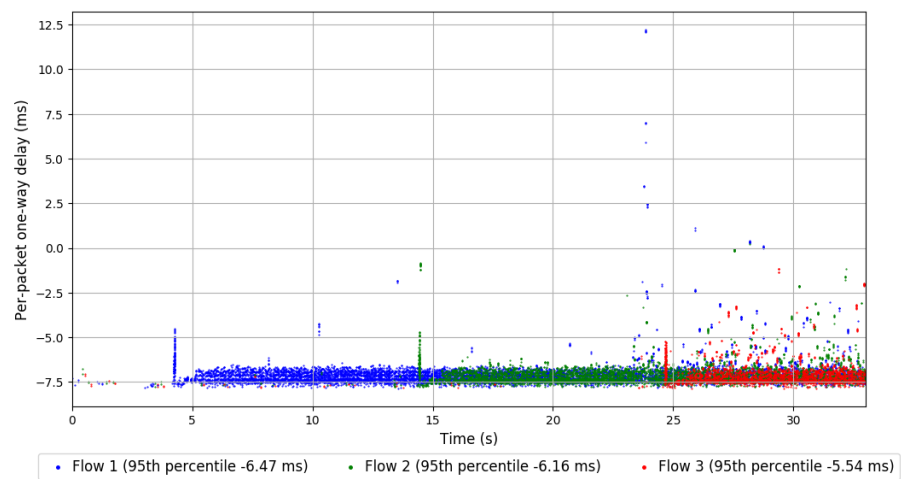
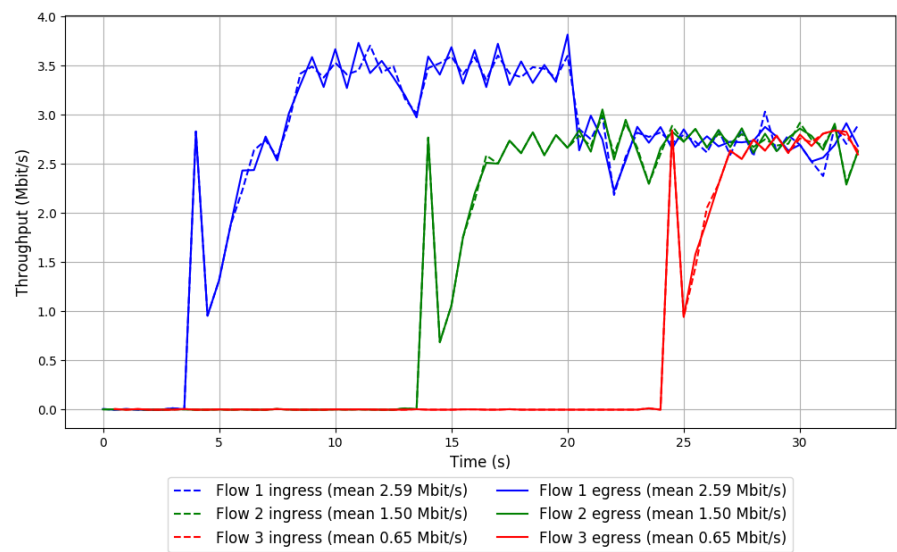


Run 3: Statistics of WebRTC media

Start at: 2018-02-03 02:51:48
End at: 2018-02-03 02:52:18
Local clock offset: 2.371 ms
Remote clock offset: -19.342 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.71 Mbit/s
95th percentile per-packet one-way delay: -6.157 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: -6.470 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -6.164 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -5.540 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

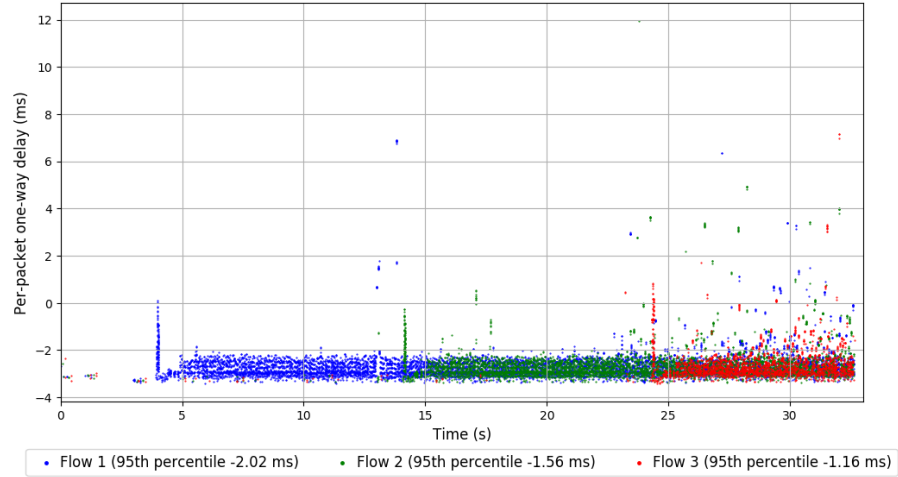
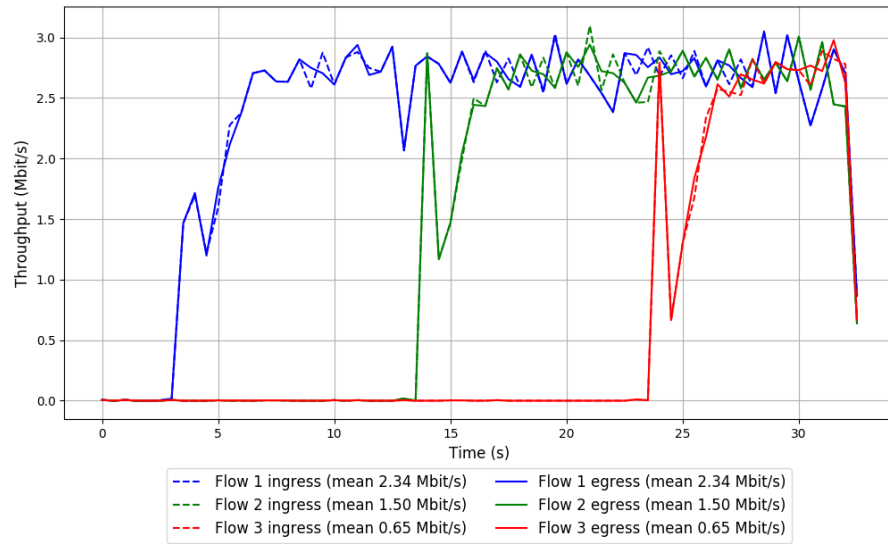


Run 4: Statistics of WebRTC media

Start at: 2018-02-03 03:14:18
End at: 2018-02-03 03:14:48
Local clock offset: -2.753 ms
Remote clock offset: -19.708 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: -1.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -2.017 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -1.561 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -1.159 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

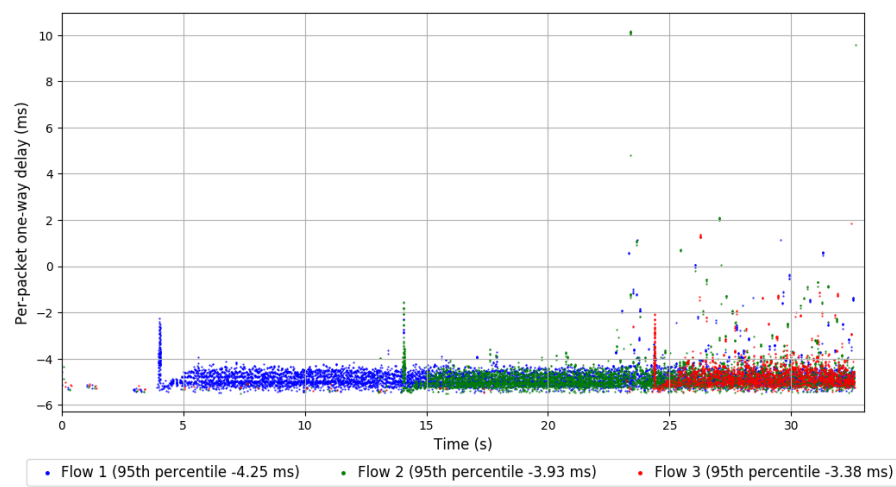
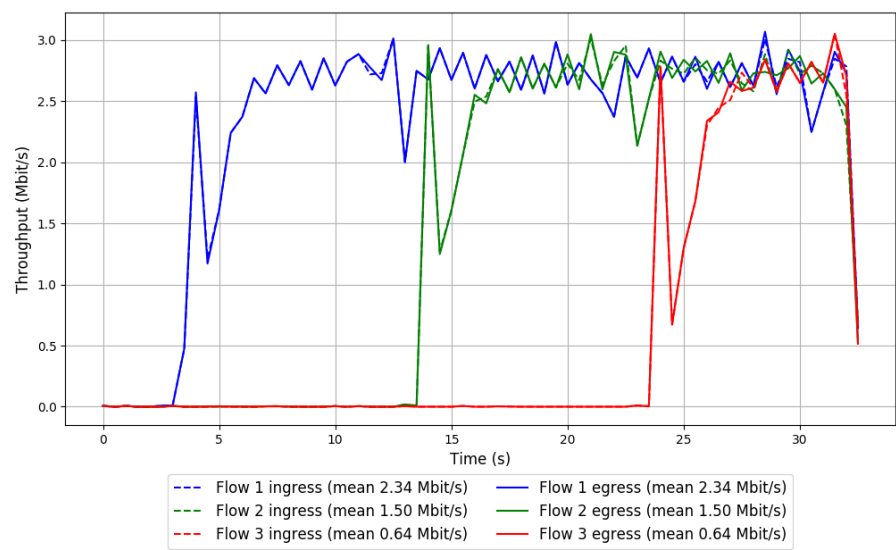


Run 5: Statistics of WebRTC media

Start at: 2018-02-03 03:37:43
End at: 2018-02-03 03:38:13
Local clock offset: -0.589 ms
Remote clock offset: -20.211 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: -3.984 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.254 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -3.927 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -3.381 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

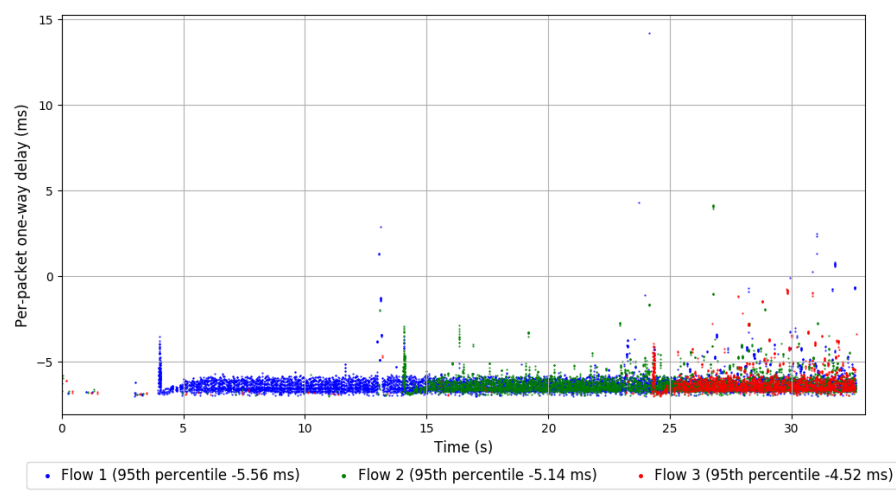
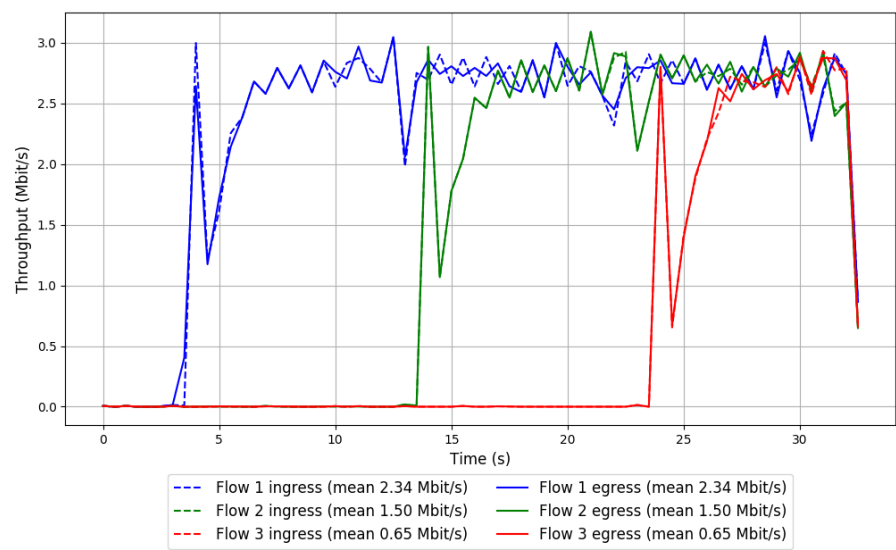


Run 6: Statistics of WebRTC media

Start at: 2018-02-03 04:00:45
End at: 2018-02-03 04:01:15
Local clock offset: 1.26 ms
Remote clock offset: -19.227 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: -5.170 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -5.556 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -5.140 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -4.522 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

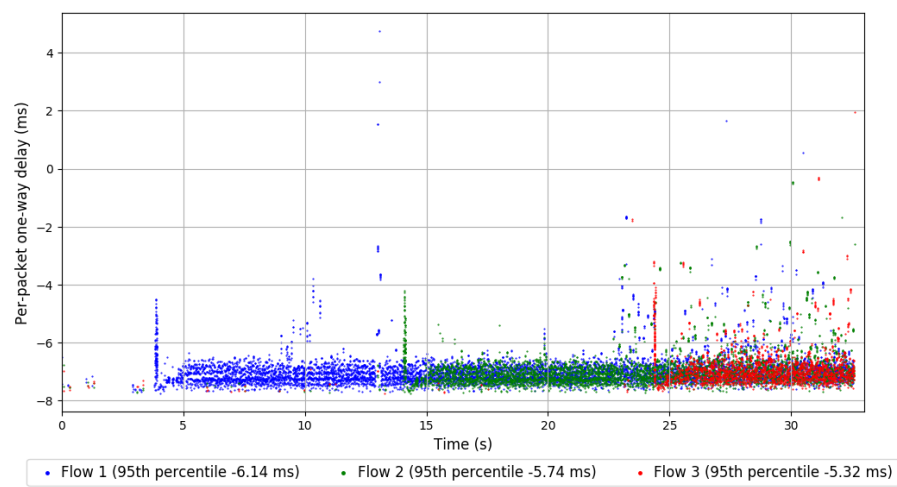
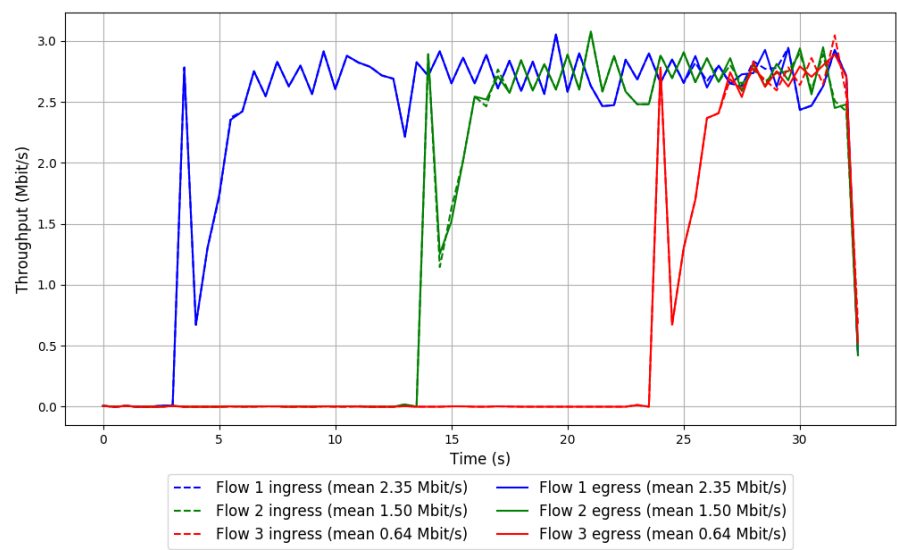


Run 7: Statistics of WebRTC media

Start at: 2018-02-03 04:23:07
End at: 2018-02-03 04:23:37
Local clock offset: 1.661 ms
Remote clock offset: -20.555 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: -5.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -6.141 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -5.744 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -5.324 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

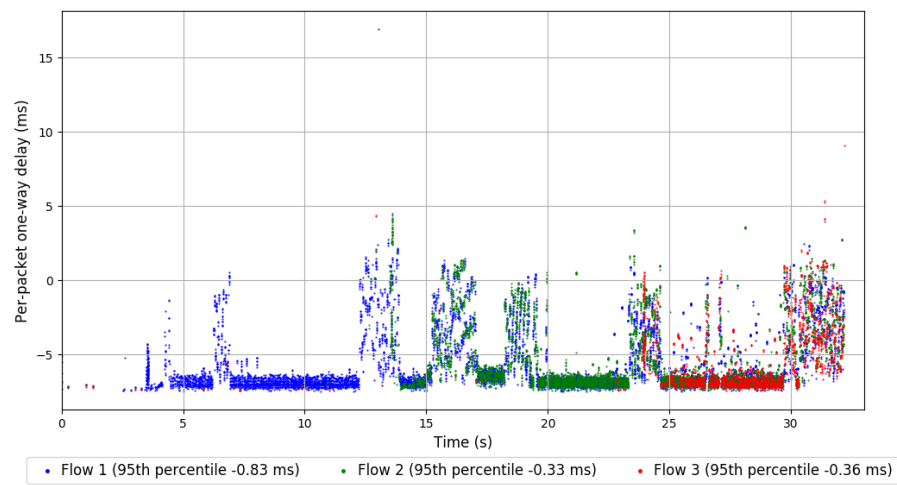
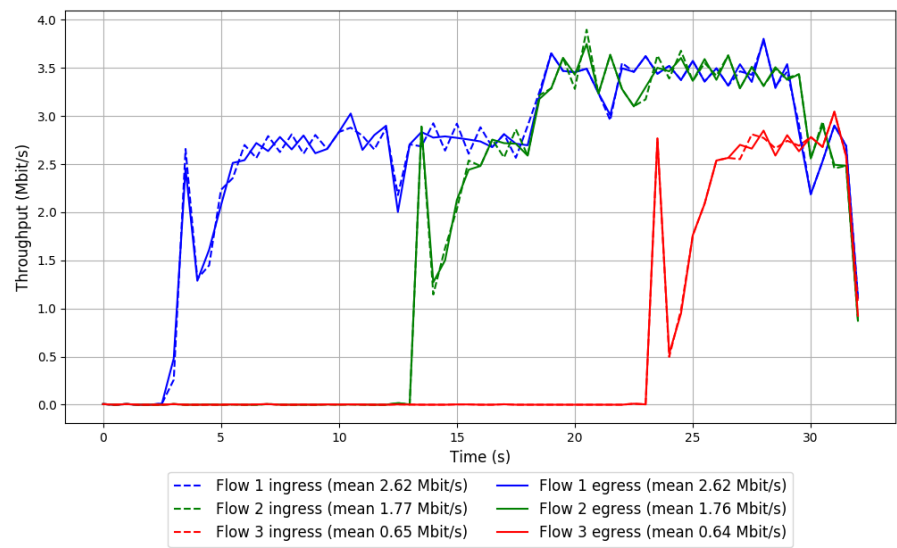


Run 8: Statistics of WebRTC media

Start at: 2018-02-03 04:45:07
End at: 2018-02-03 04:45:37
Local clock offset: 2.477 ms
Remote clock offset: -21.067 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: -0.548 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: -0.830 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: -0.329 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -0.364 ms
Loss rate: 0.33%

Run 8: Report of WebRTC media — Data Link

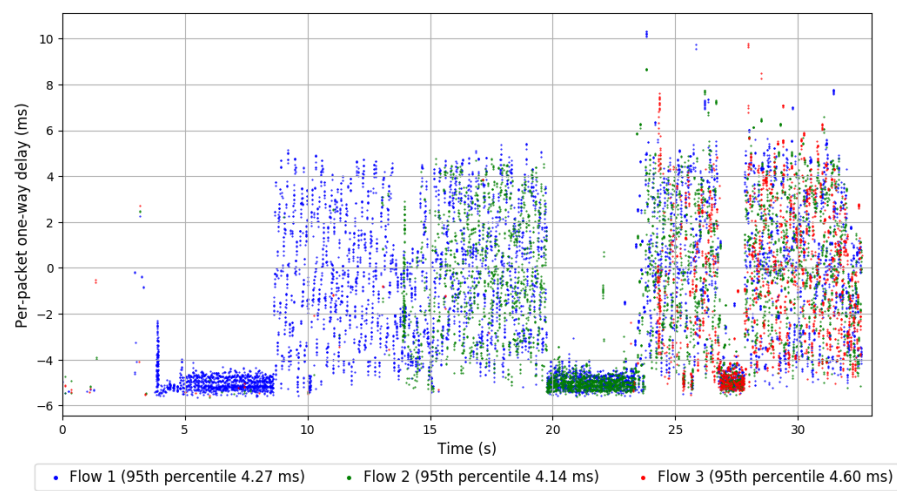
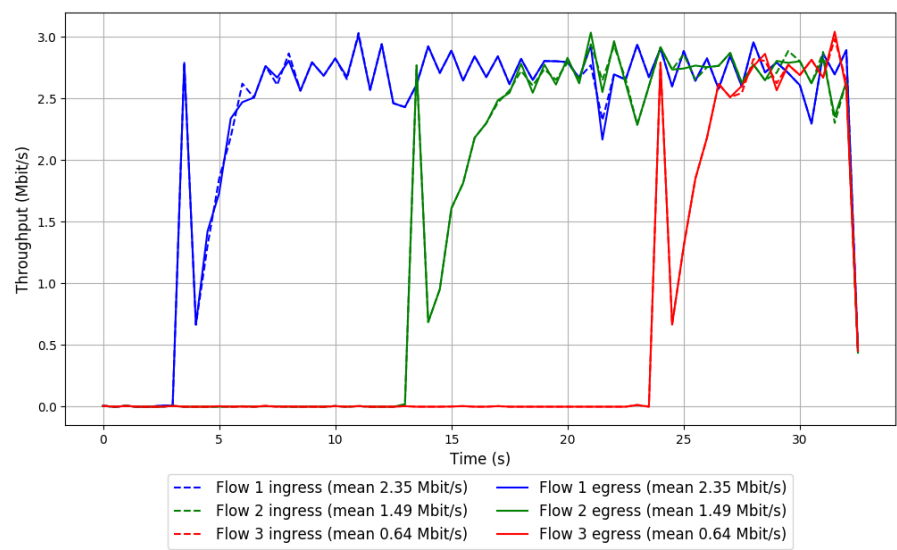


Run 9: Statistics of WebRTC media

Start at: 2018-02-03 05:07:50
End at: 2018-02-03 05:08:20
Local clock offset: 0.8 ms
Remote clock offset: -23.549 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 4.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 4.266 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 4.137 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 4.601 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

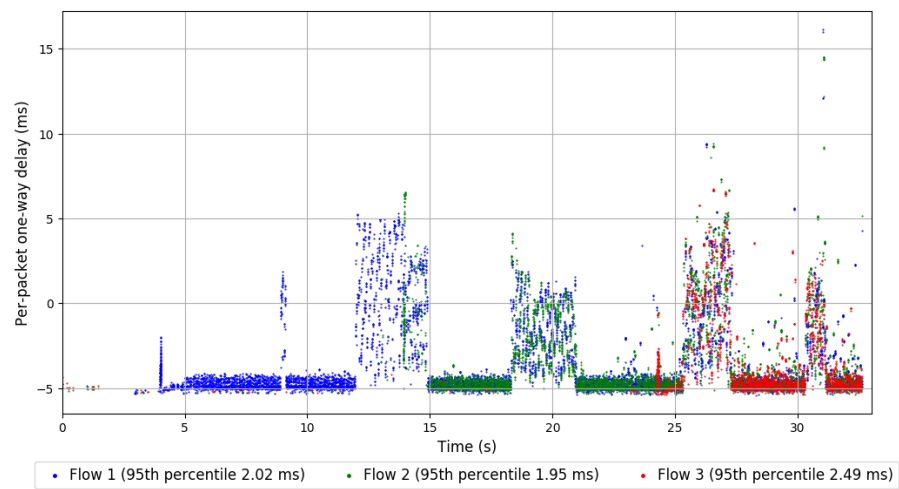
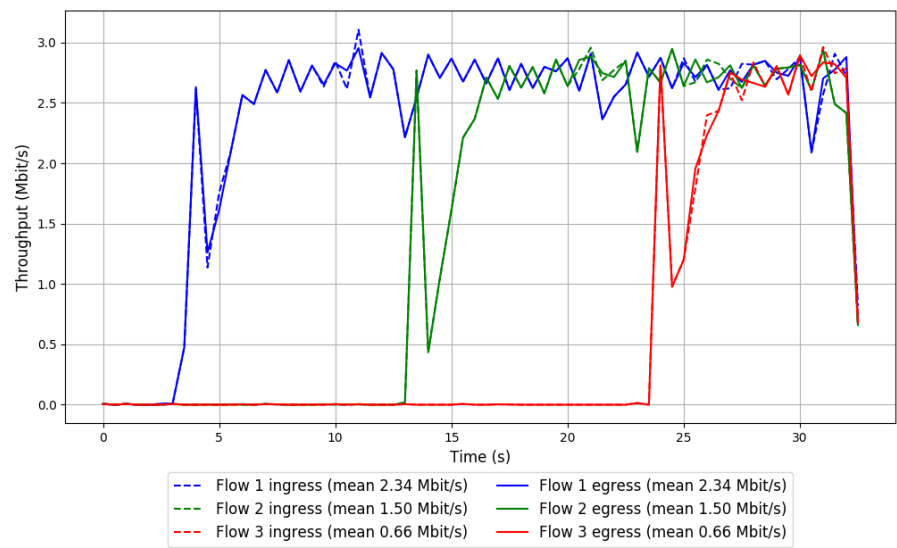


Run 10: Statistics of WebRTC media

Start at: 2018-02-03 05:30:41
End at: 2018-02-03 05:31:11
Local clock offset: 0.034 ms
Remote clock offset: -24.49 ms

Below is generated by plot.py at 2018-02-03 06:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 2.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.015 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 1.952 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 2.488 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

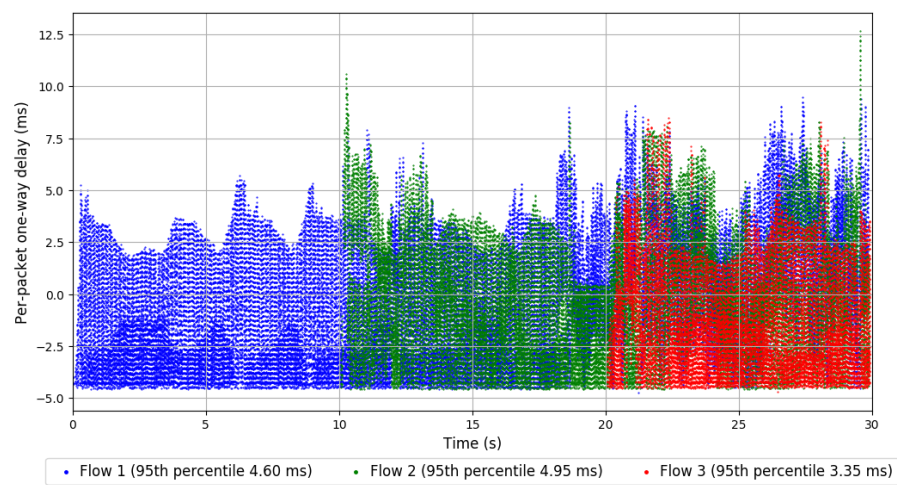
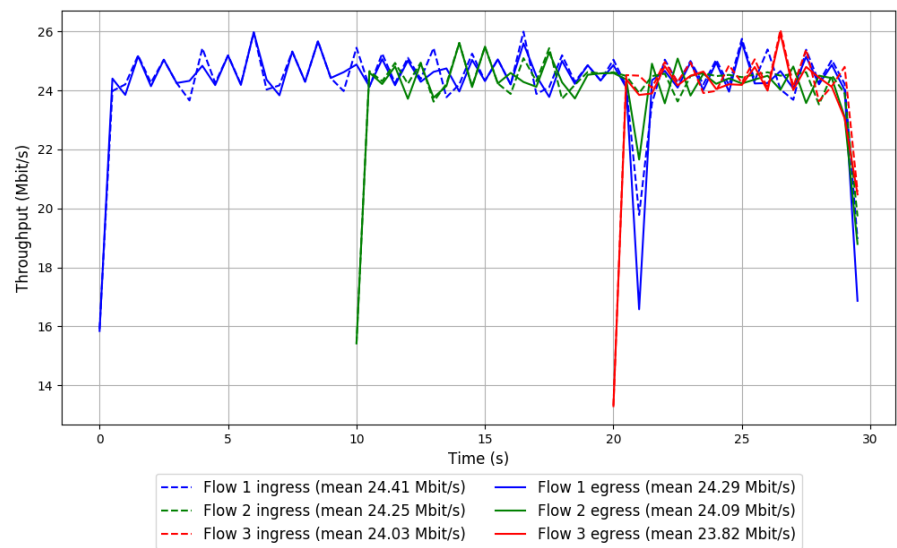


Run 1: Statistics of Sprout

Start at: 2018-02-03 01:49:57
End at: 2018-02-03 01:50:27
Local clock offset: -2.521 ms
Remote clock offset: -19.397 ms

Below is generated by plot.py at 2018-02-03 06:14:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.13 Mbit/s
95th percentile per-packet one-way delay: 4.593 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 4.604 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 4.948 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 23.82 Mbit/s
95th percentile per-packet one-way delay: 3.355 ms
Loss rate: 0.81%

Run 1: Report of Sprout — Data Link

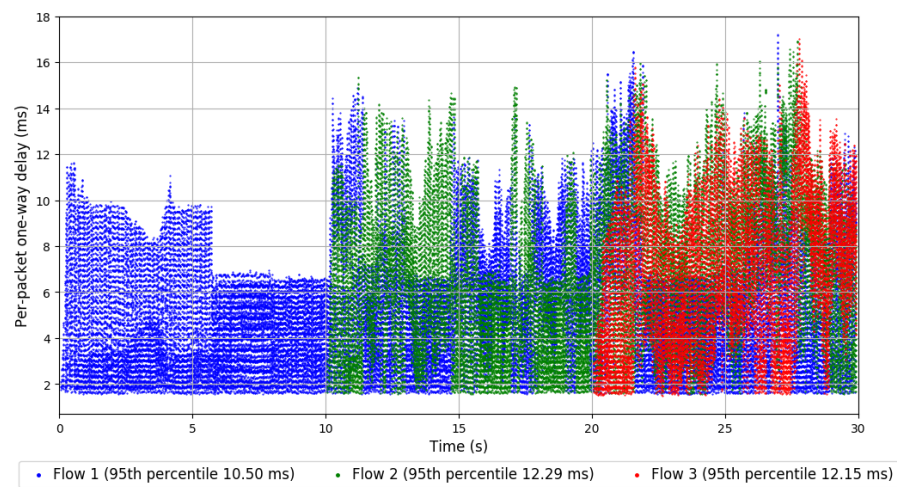
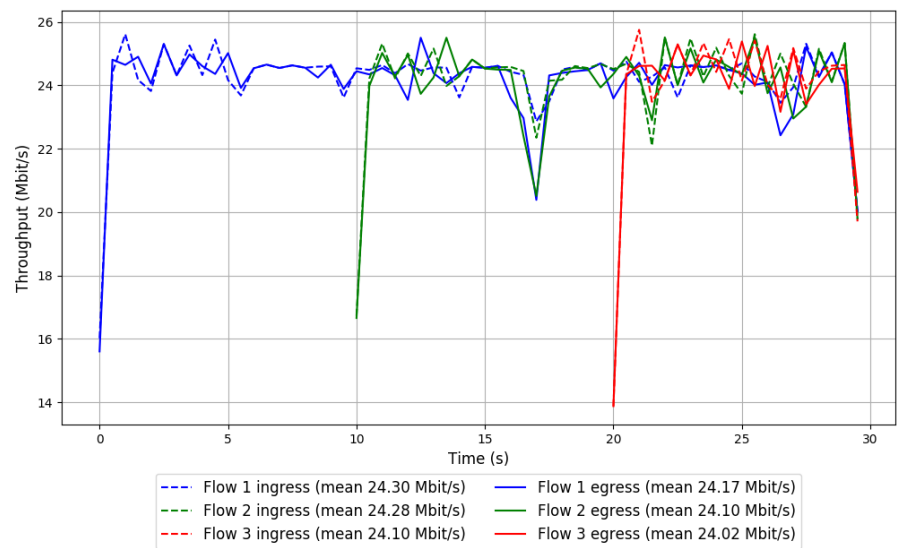


Run 2: Statistics of Sprout

Start at: 2018-02-03 02:12:01
End at: 2018-02-03 02:12:31
Local clock offset: -5.69 ms
Remote clock offset: -17.737 ms

Below is generated by plot.py at 2018-02-03 06:14:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.13 Mbit/s
95th percentile per-packet one-way delay: 11.669 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 10.503 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 12.286 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 12.146 ms
Loss rate: 0.26%

Run 2: Report of Sprout — Data Link

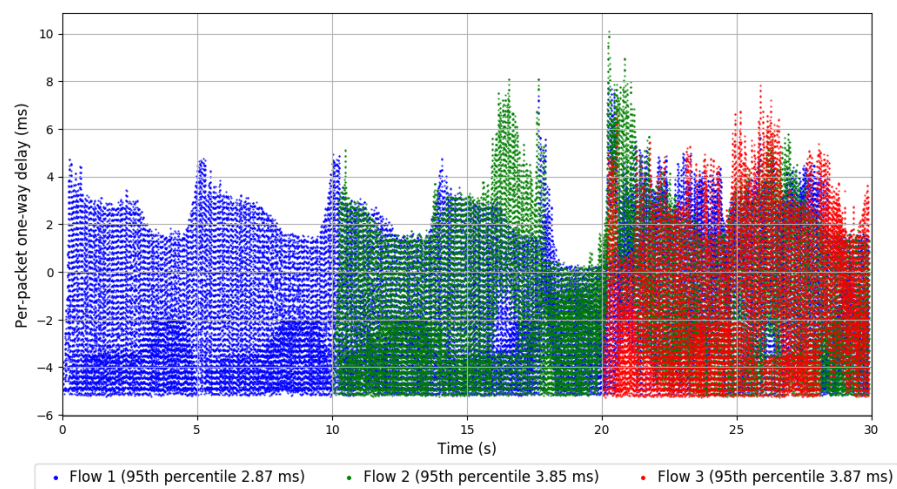
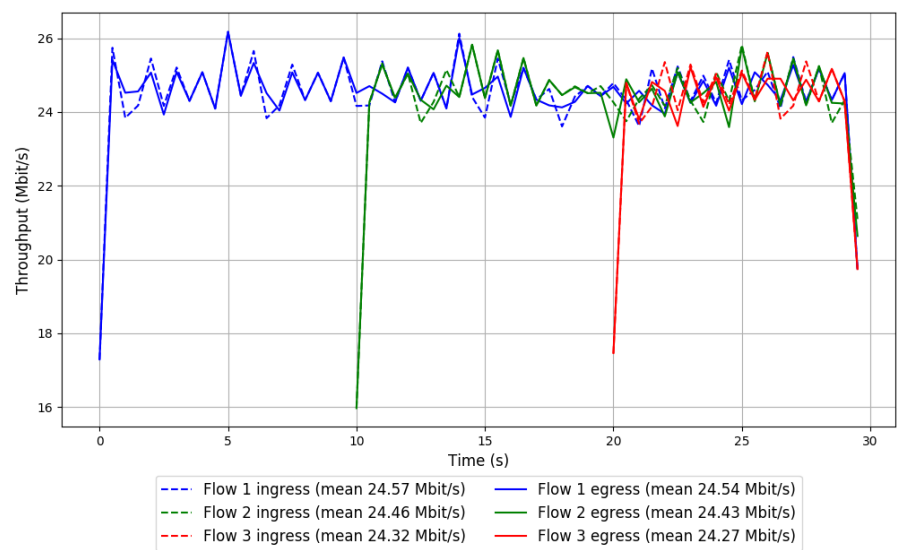


Run 3: Statistics of Sprout

Start at: 2018-02-03 02:34:05
End at: 2018-02-03 02:34:35
Local clock offset: -0.237 ms
Remote clock offset: -19.51 ms

```
# Below is generated by plot.py at 2018-02-03 06:14:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.80 Mbit/s
95th percentile per-packet one-way delay: 3.300 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 2.869 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 3.853 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 3.867 ms
Loss rate: 0.20%
```

Run 3: Report of Sprout — Data Link

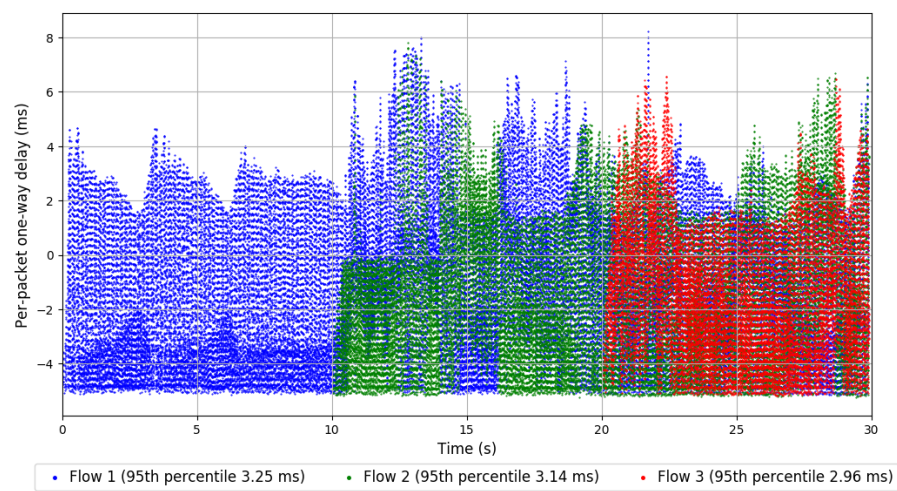
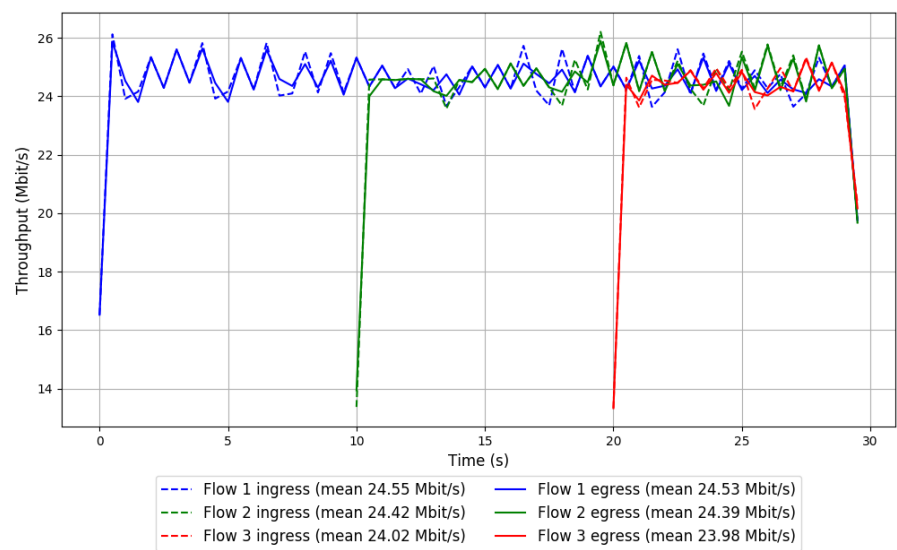


Run 4: Statistics of Sprout

Start at: 2018-02-03 02:56:32
End at: 2018-02-03 02:57:02
Local clock offset: 0.015 ms
Remote clock offset: -19.104 ms

```
# Below is generated by plot.py at 2018-02-03 06:14:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.66 Mbit/s
95th percentile per-packet one-way delay: 3.166 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 3.252 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 3.137 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 2.965 ms
Loss rate: 0.18%
```

Run 4: Report of Sprout — Data Link

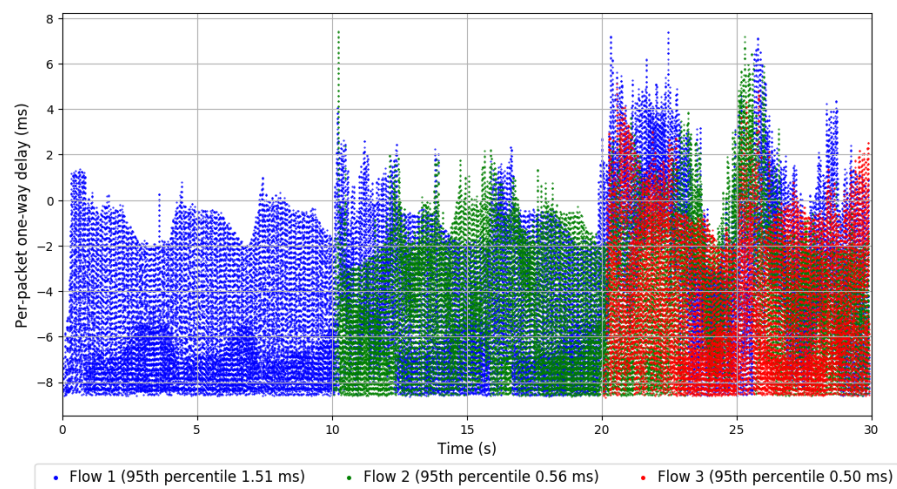
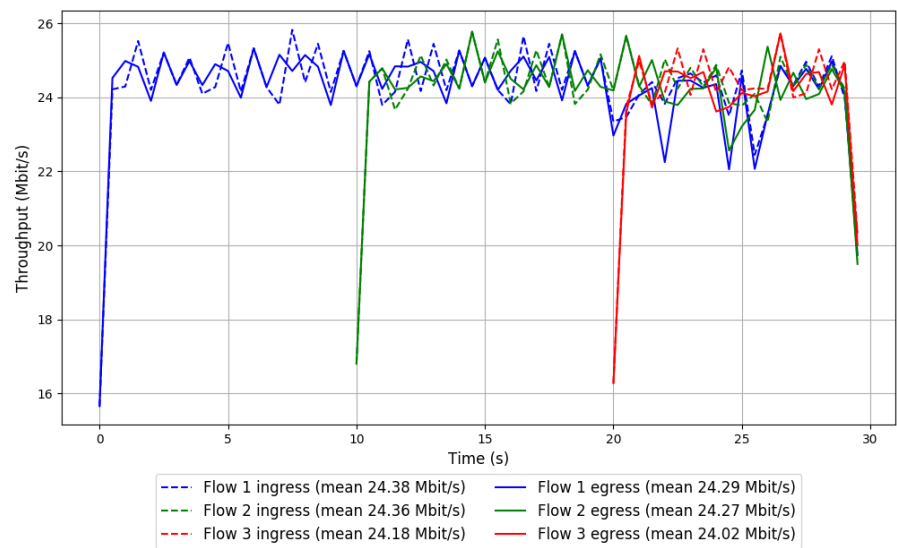


Run 5: Statistics of Sprout

Start at: 2018-02-03 03:19:04
End at: 2018-02-03 03:19:34
Local clock offset: 1.107 ms
Remote clock offset: -21.494 ms

Below is generated by plot.py at 2018-02-03 06:14:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 1.079 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 1.509 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 0.555 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 0.499 ms
Loss rate: 0.64%

Run 5: Report of Sprout — Data Link

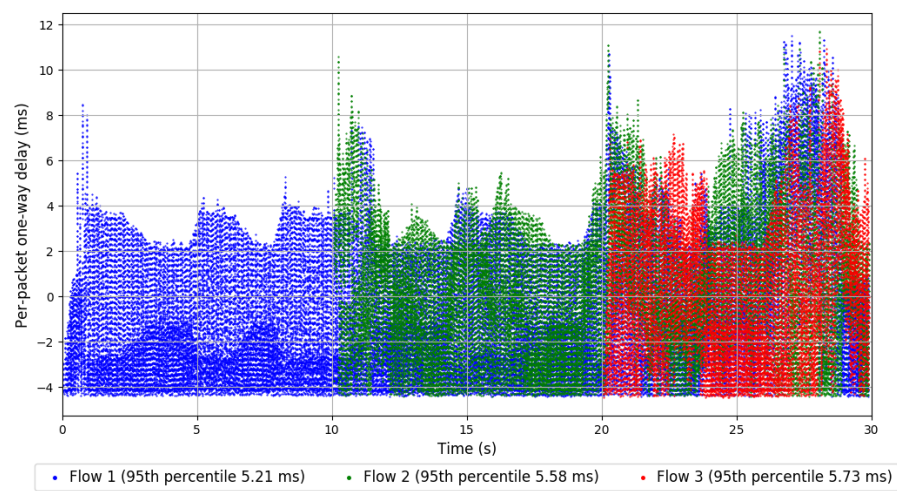
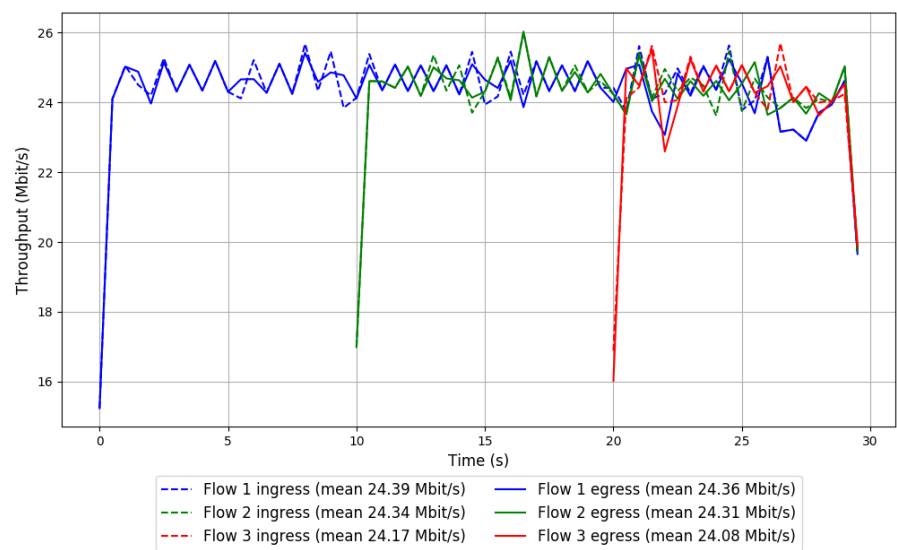


Run 6: Statistics of Sprout

Start at: 2018-02-03 03:42:23
End at: 2018-02-03 03:42:53
Local clock offset: -1.443 ms
Remote clock offset: -20.226 ms

Below is generated by plot.py at 2018-02-03 06:14:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 5.471 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 5.210 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 5.580 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 5.727 ms
Loss rate: 0.36%

Run 6: Report of Sprout — Data Link

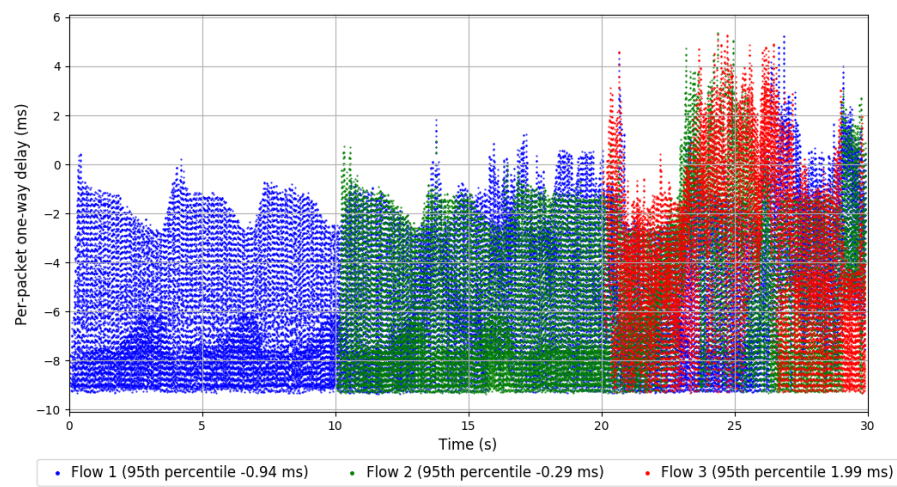
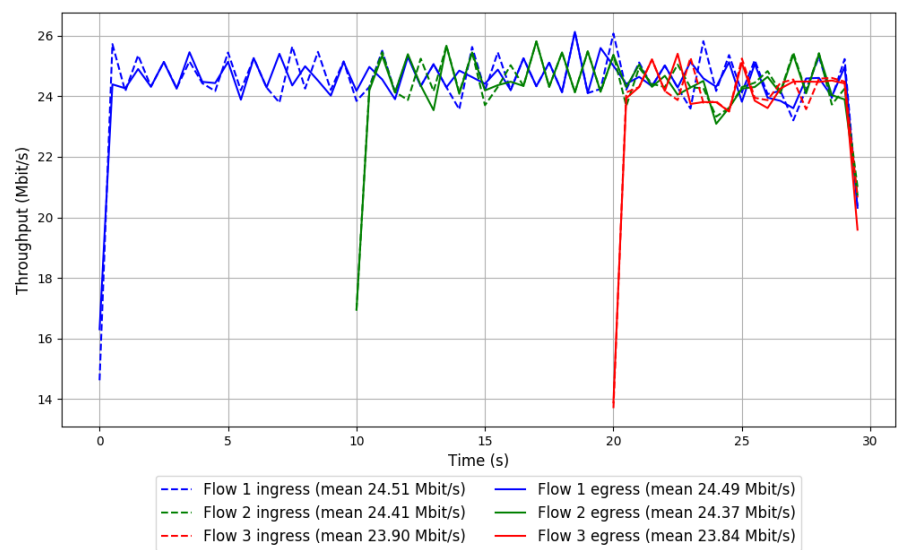


Run 7: Statistics of Sprout

Start at: 2018-02-03 04:05:26
End at: 2018-02-03 04:05:56
Local clock offset: 3.353 ms
Remote clock offset: -19.966 ms

Below is generated by plot.py at 2018-02-03 06:14:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.57 Mbit/s
95th percentile per-packet one-way delay: 0.110 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: -0.937 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: -0.286 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 1.988 ms
Loss rate: 0.25%

Run 7: Report of Sprout — Data Link

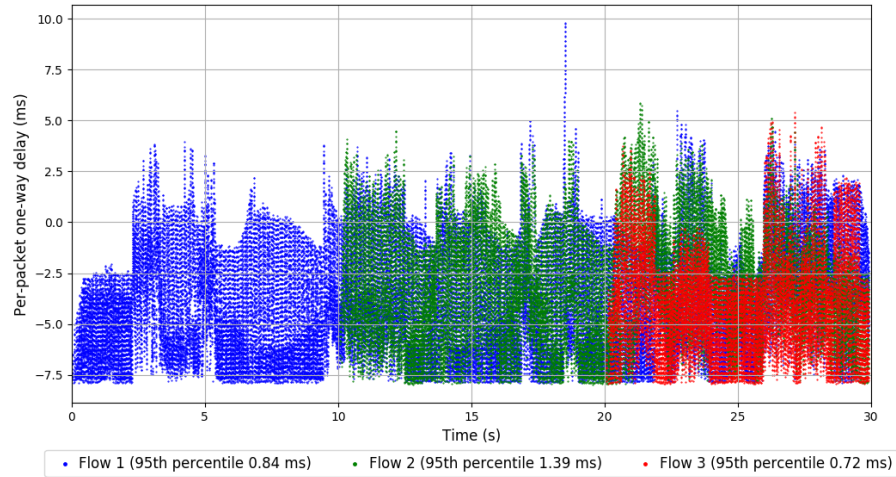
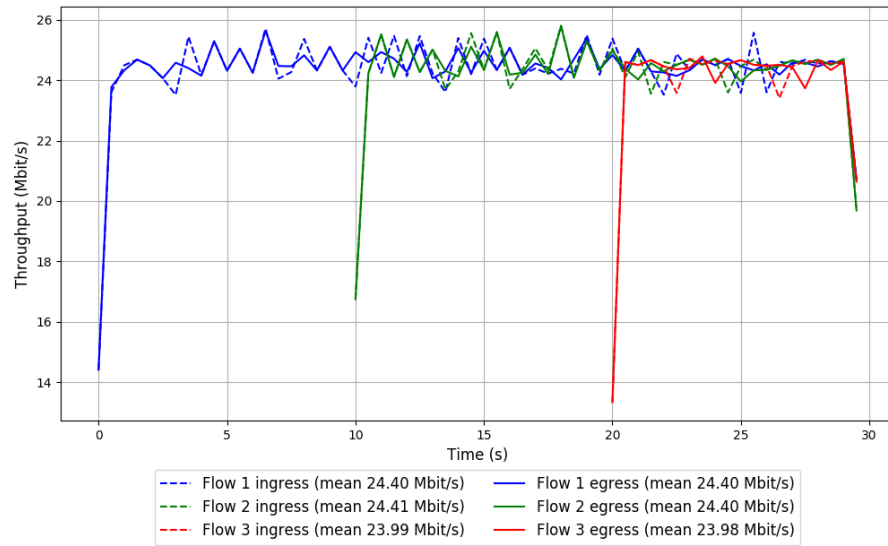


Run 8: Statistics of Sprout

Start at: 2018-02-03 04:27:47
End at: 2018-02-03 04:28:18
Local clock offset: 3.632 ms
Remote clock offset: -19.675 ms

Below is generated by plot.py at 2018-02-03 06:14:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.55 Mbit/s
95th percentile per-packet one-way delay: 1.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 0.844 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 1.385 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 0.724 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

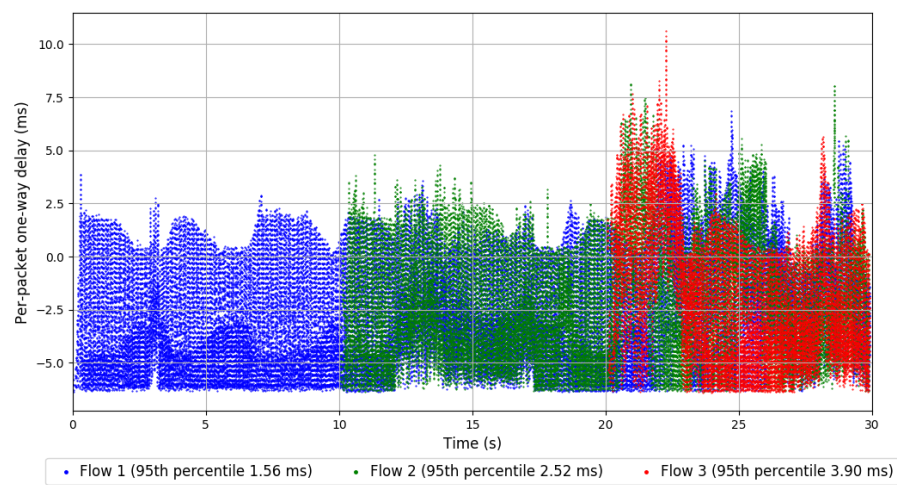
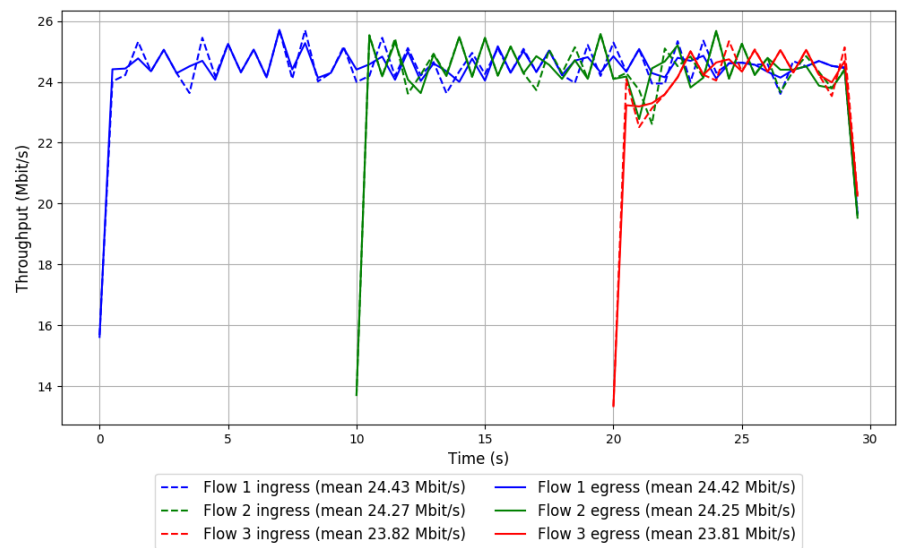


Run 9: Statistics of Sprout

Start at: 2018-02-03 04:49:51
End at: 2018-02-03 04:50:21
Local clock offset: 2.113 ms
Remote clock offset: -20.642 ms

Below is generated by plot.py at 2018-02-03 06:15:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 1.564 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 2.518 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 23.81 Mbit/s
95th percentile per-packet one-way delay: 3.901 ms
Loss rate: 0.01%

Run 9: Report of Sprout — Data Link

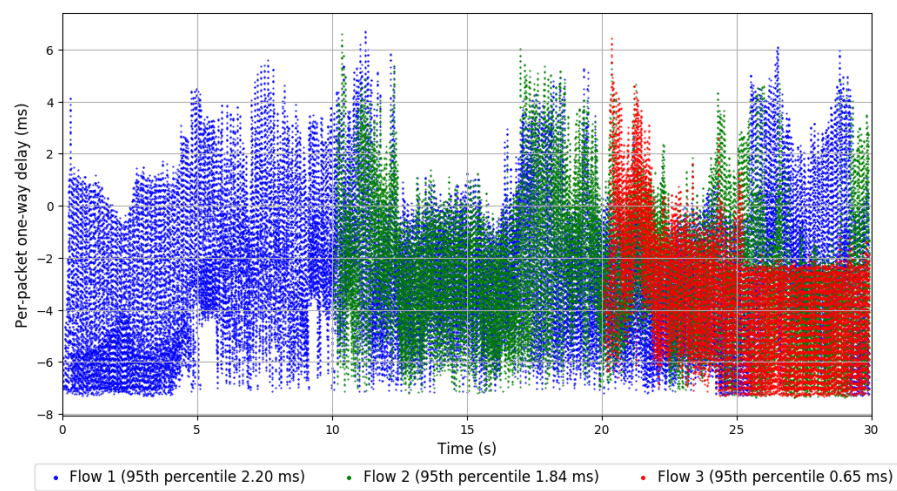
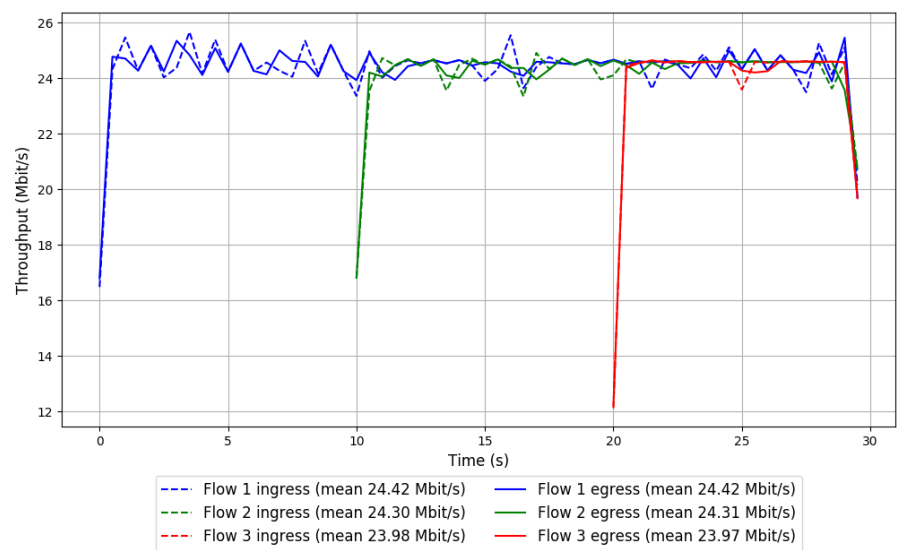


Run 10: Statistics of Sprout

Start at: 2018-02-03 05:13:07
End at: 2018-02-03 05:13:37
Local clock offset: 1.91 ms
Remote clock offset: -24.586 ms

Below is generated by plot.py at 2018-02-03 06:15:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.50 Mbit/s
95th percentile per-packet one-way delay: 1.910 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 2.204 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 1.841 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 0.648 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

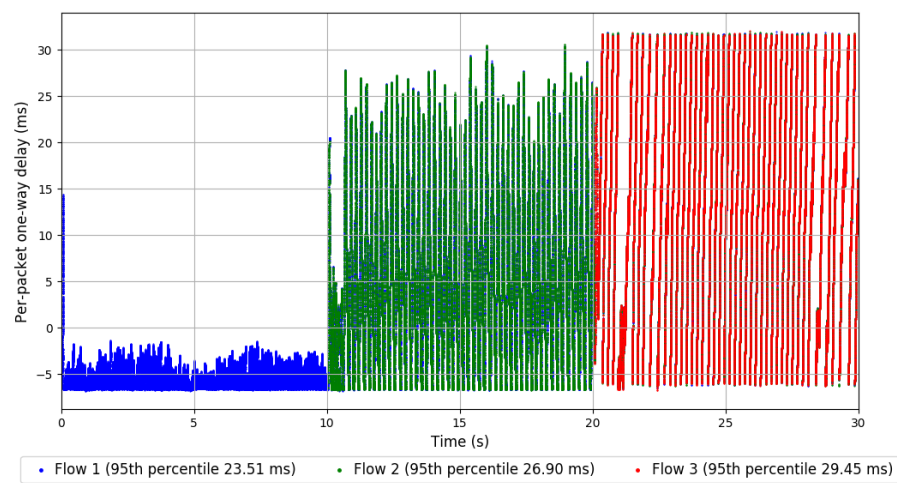
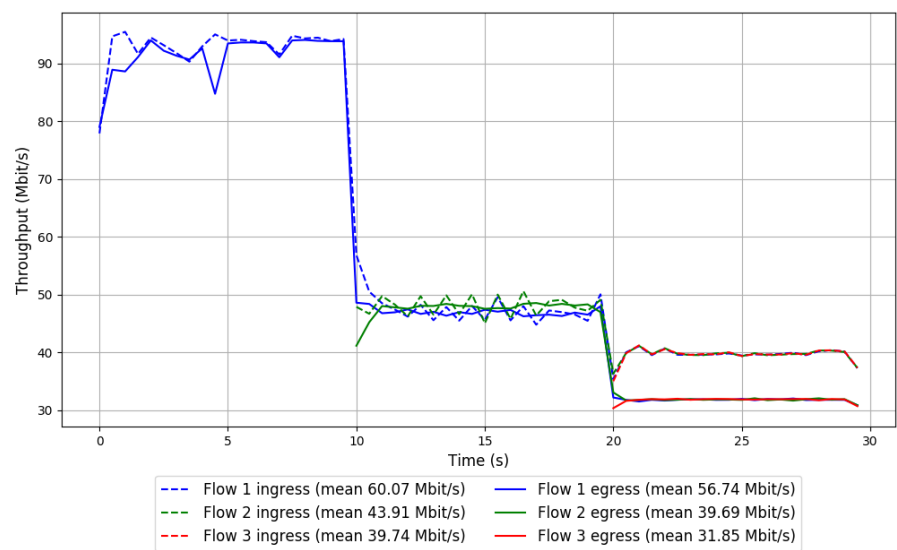


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-03 02:06:04
End at: 2018-02-03 02:06:34
Local clock offset: -0.518 ms
Remote clock offset: -20.656 ms

# Below is generated by plot.py at 2018-02-03 06:16:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.76 Mbit/s
95th percentile per-packet one-way delay: 26.097 ms
Loss rate: 8.47%
-- Flow 1:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 23.508 ms
Loss rate: 5.48%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 26.902 ms
Loss rate: 9.51%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 29.450 ms
Loss rate: 19.79%
```

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

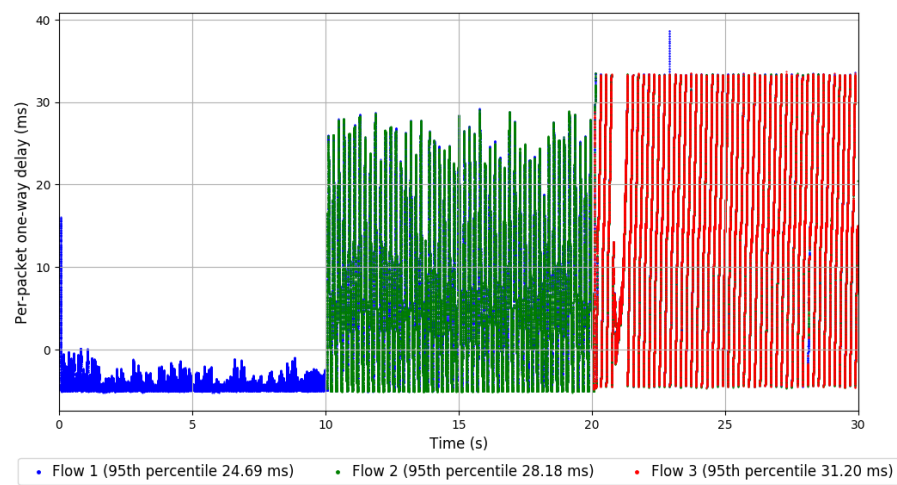
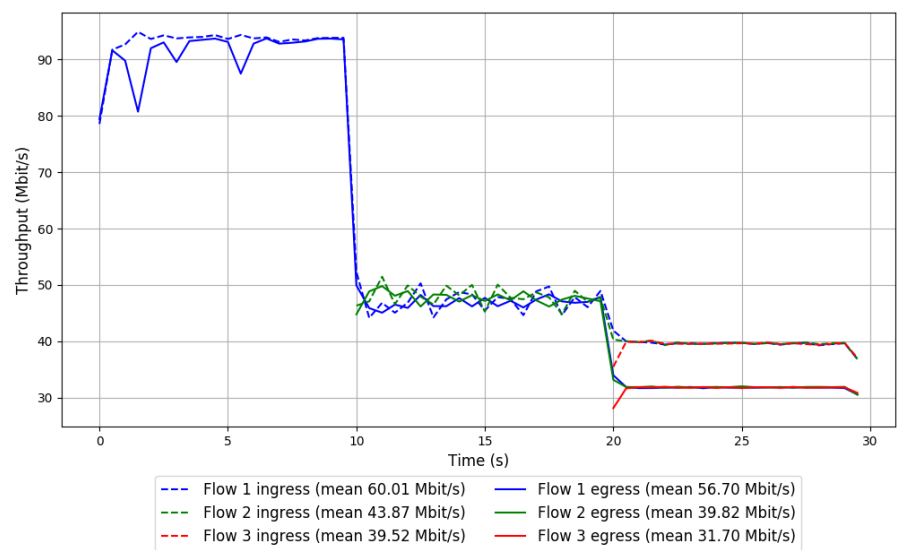


```
Run 2: Statistics of TaoVA-100x

Start at: 2018-02-03 02:27:58
End at: 2018-02-03 02:28:28
Local clock offset: 0.565 ms
Remote clock offset: -18.417 ms

# Below is generated by plot.py at 2018-02-03 06:16:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 27.417 ms
Loss rate: 8.33%
-- Flow 1:
Average throughput: 56.70 Mbit/s
95th percentile per-packet one-way delay: 24.693 ms
Loss rate: 5.47%
-- Flow 2:
Average throughput: 39.82 Mbit/s
95th percentile per-packet one-way delay: 28.176 ms
Loss rate: 9.12%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 31.198 ms
Loss rate: 19.66%
```

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

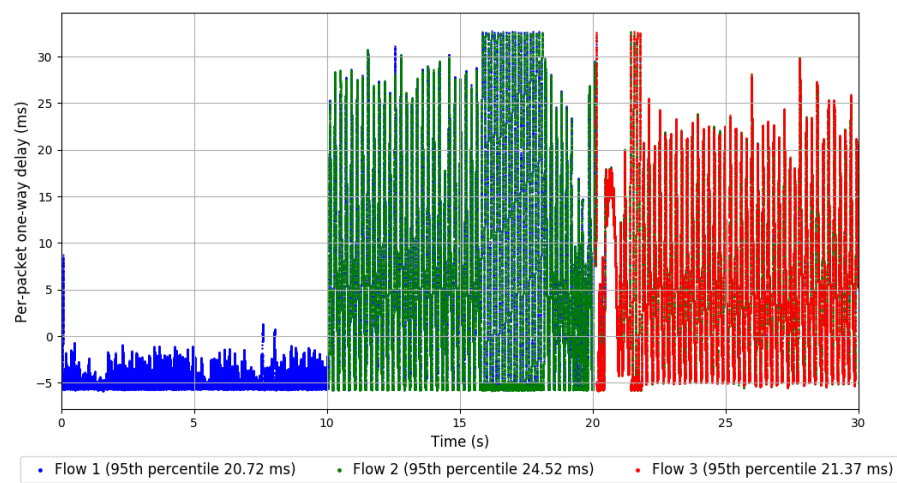
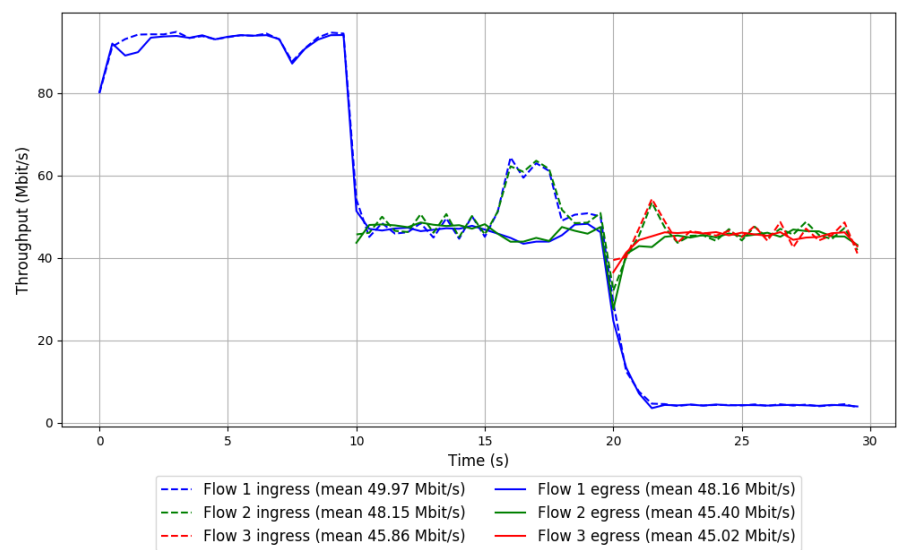


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-03 02:50:19
End at: 2018-02-03 02:50:49
Local clock offset: -0.369 ms
Remote clock offset: -20.271 ms

Below is generated by plot.py at 2018-02-03 06:16:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.33 Mbit/s
95th percentile per-packet one-way delay: 22.481 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 20.720 ms
Loss rate: 3.58%
-- Flow 2:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 24.525 ms
Loss rate: 5.68%
-- Flow 3:
Average throughput: 45.02 Mbit/s
95th percentile per-packet one-way delay: 21.372 ms
Loss rate: 1.82%

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

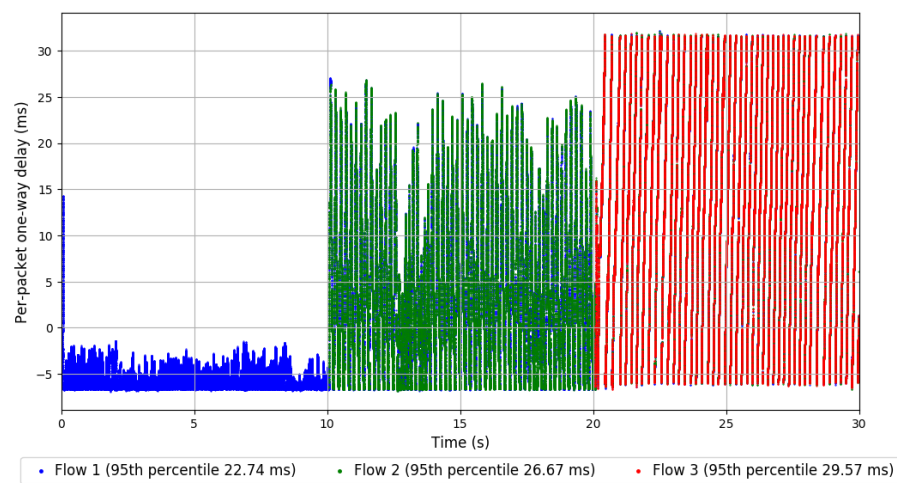
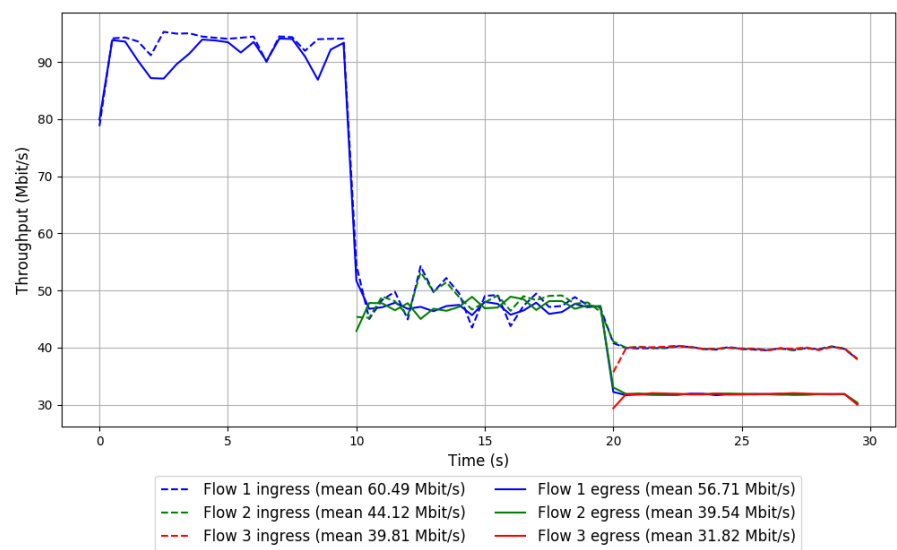


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-03 03:12:54
End at: 2018-02-03 03:13:24
Local clock offset: -0.619 ms
Remote clock offset: -21.11 ms

Below is generated by plot.py at 2018-02-03 06:17:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 25.845 ms
Loss rate: 9.17%
-- Flow 1:
Average throughput: 56.71 Mbit/s
95th percentile per-packet one-way delay: 22.737 ms
Loss rate: 6.23%
-- Flow 2:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 26.668 ms
Loss rate: 10.33%
-- Flow 3:
Average throughput: 31.82 Mbit/s
95th percentile per-packet one-way delay: 29.568 ms
Loss rate: 20.05%

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

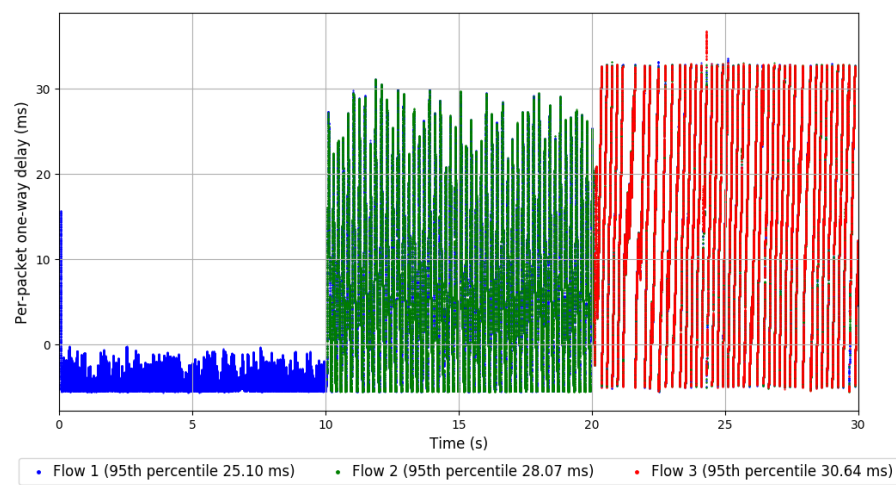
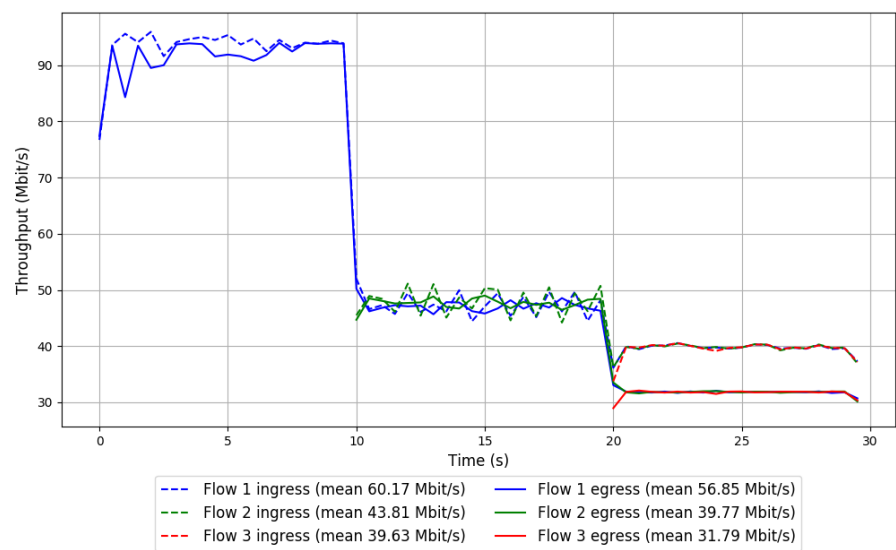


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-03 03:36:09
End at: 2018-02-03 03:36:39
Local clock offset: -0.708 ms
Remote clock offset: -20.638 ms

Below is generated by plot.py at 2018-02-03 06:17:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.89 Mbit/s
95th percentile per-packet one-way delay: 27.350 ms
Loss rate: 8.35%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 25.096 ms
Loss rate: 5.46%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 28.075 ms
Loss rate: 9.14%
-- Flow 3:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 30.640 ms
Loss rate: 19.78%

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

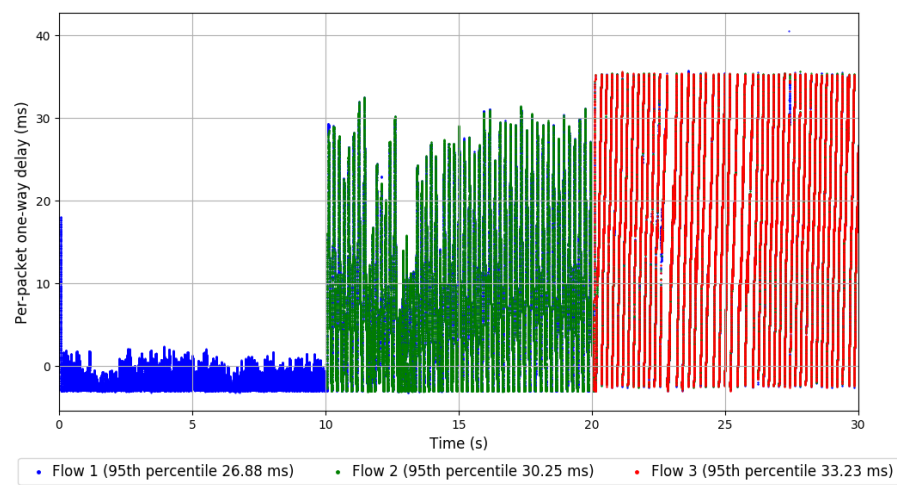
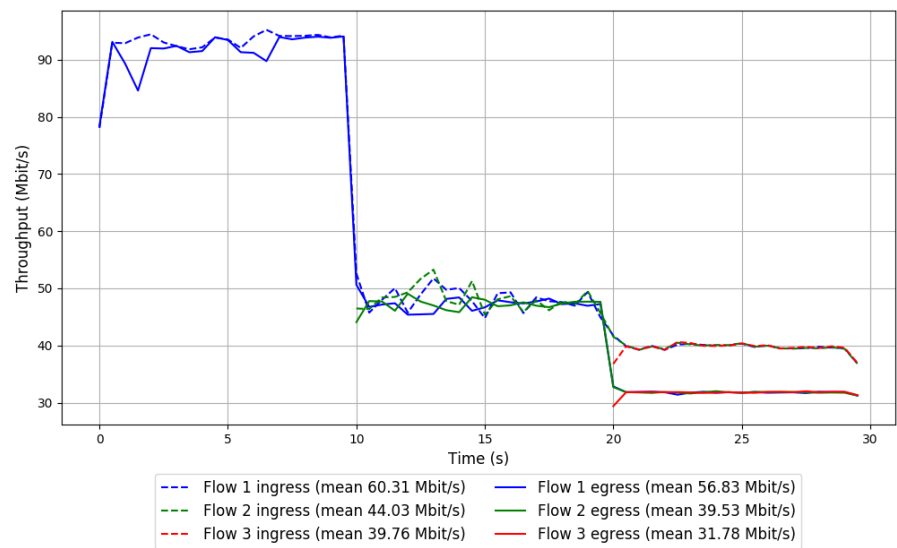


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-03 03:59:18
End at: 2018-02-03 03:59:48
Local clock offset: -1.881 ms
Remote clock offset: -18.708 ms

Below is generated by plot.py at 2018-02-03 06:17:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 29.442 ms
Loss rate: 8.77%
-- Flow 1:
Average throughput: 56.83 Mbit/s
95th percentile per-packet one-way delay: 26.876 ms
Loss rate: 5.68%
-- Flow 2:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 30.249 ms
Loss rate: 10.10%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 33.235 ms
Loss rate: 19.88%

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

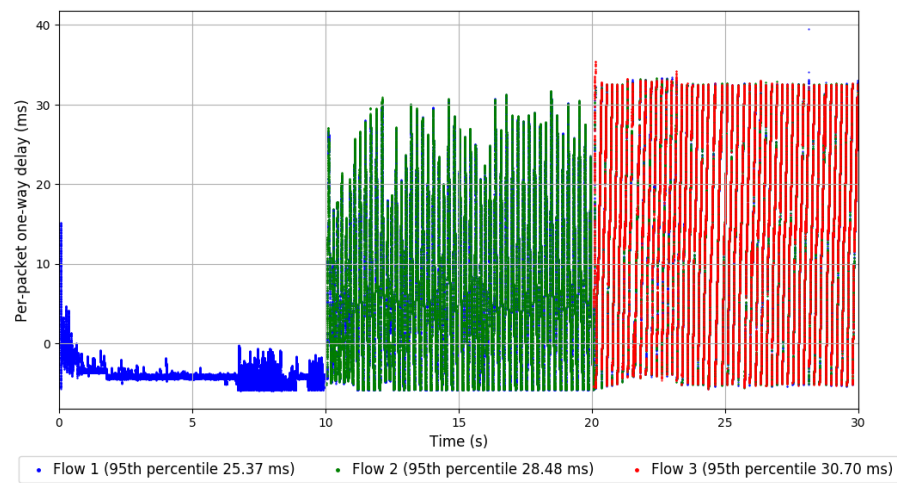
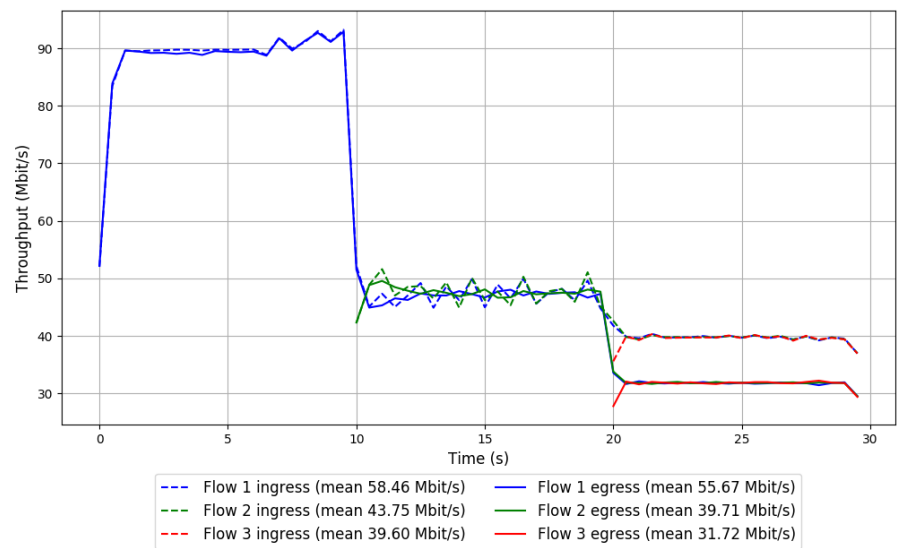


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-03 04:21:44
End at: 2018-02-03 04:22:14
Local clock offset: 1.105 ms
Remote clock offset: -19.251 ms

Below is generated by plot.py at 2018-02-03 06:17:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 27.709 ms
Loss rate: 8.03%
-- Flow 1:
Average throughput: 55.67 Mbit/s
95th percentile per-packet one-way delay: 25.373 ms
Loss rate: 4.77%
-- Flow 2:
Average throughput: 39.71 Mbit/s
95th percentile per-packet one-way delay: 28.483 ms
Loss rate: 9.23%
-- Flow 3:
Average throughput: 31.72 Mbit/s
95th percentile per-packet one-way delay: 30.702 ms
Loss rate: 19.90%

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

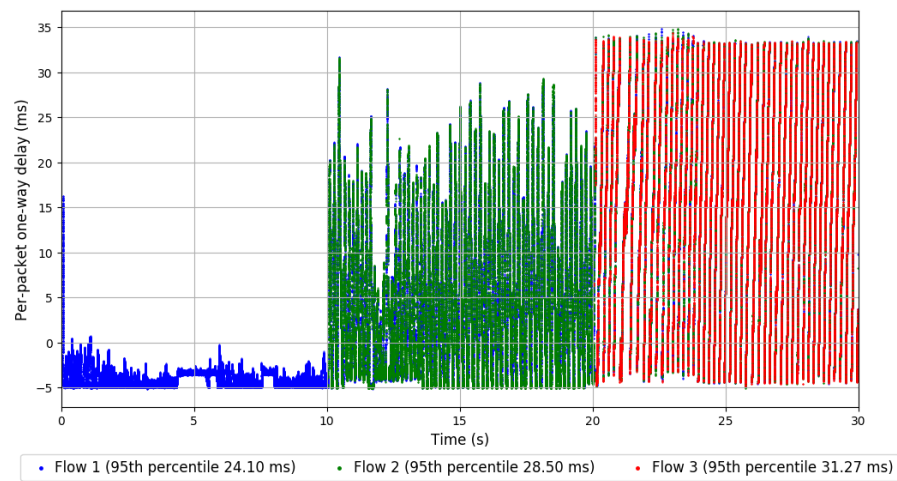
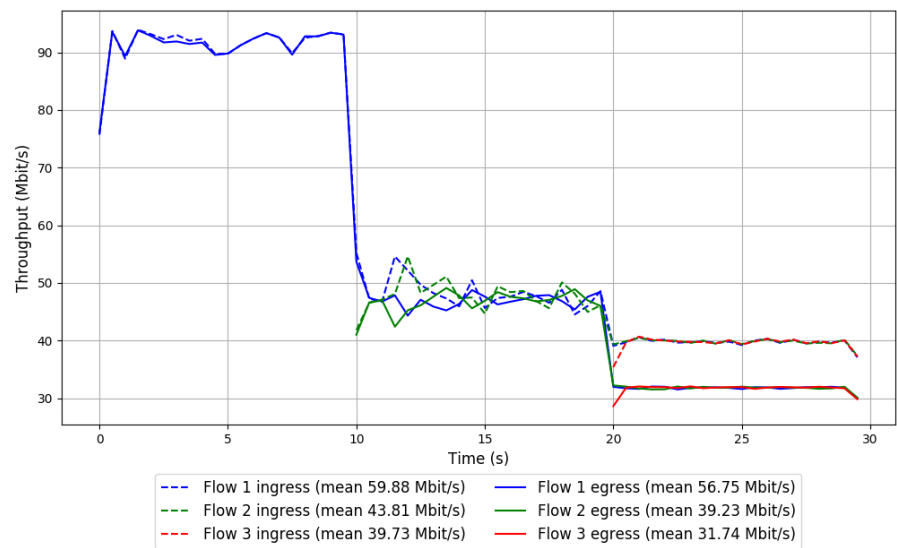


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-03 04:43:48
End at: 2018-02-03 04:44:18
Local clock offset: 1.948 ms
Remote clock offset: -19.382 ms

Below is generated by plot.py at 2018-02-03 06:17:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.43 Mbit/s
95th percentile per-packet one-way delay: 27.608 ms
Loss rate: 8.58%
-- Flow 1:
Average throughput: 56.75 Mbit/s
95th percentile per-packet one-way delay: 24.101 ms
Loss rate: 5.18%
-- Flow 2:
Average throughput: 39.23 Mbit/s
95th percentile per-packet one-way delay: 28.499 ms
Loss rate: 10.40%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 31.273 ms
Loss rate: 20.04%

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

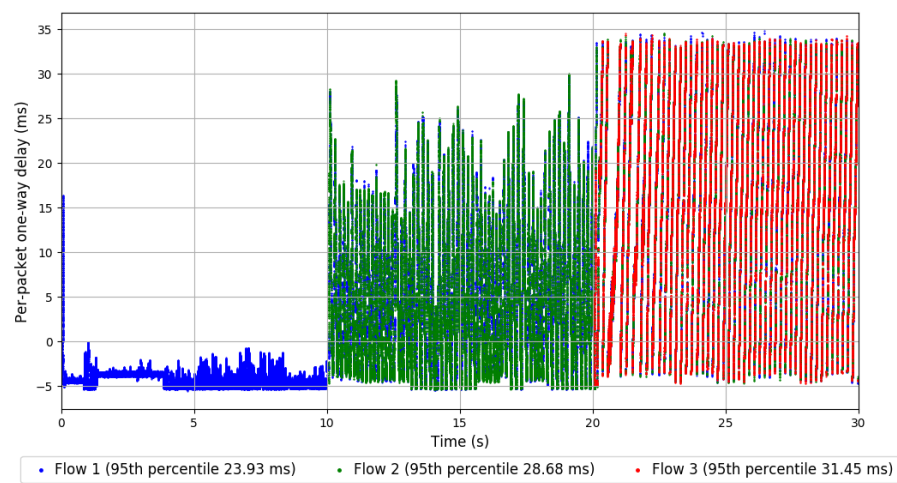
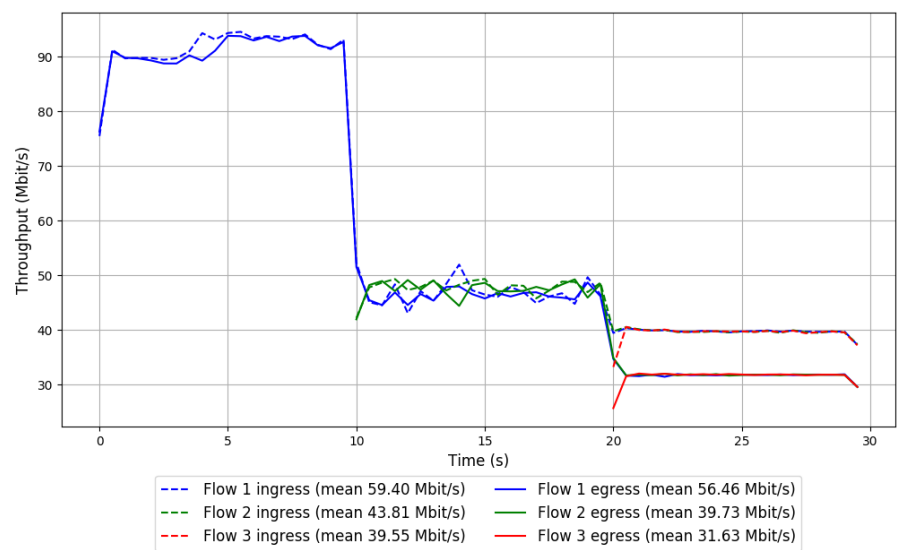


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-03 05:06:30
End at: 2018-02-03 05:07:00
Local clock offset: 1.973 ms
Remote clock offset: -22.206 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 27.764 ms
Loss rate: 8.16%
-- Flow 1:
Average throughput: 56.46 Mbit/s
95th percentile per-packet one-way delay: 23.935 ms
Loss rate: 4.96%
-- Flow 2:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 28.675 ms
Loss rate: 9.32%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 31.449 ms
Loss rate: 20.09%

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

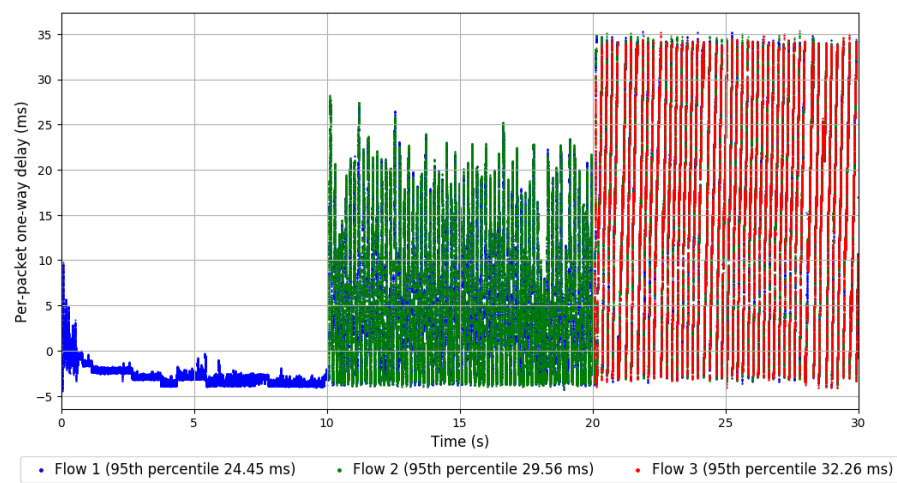
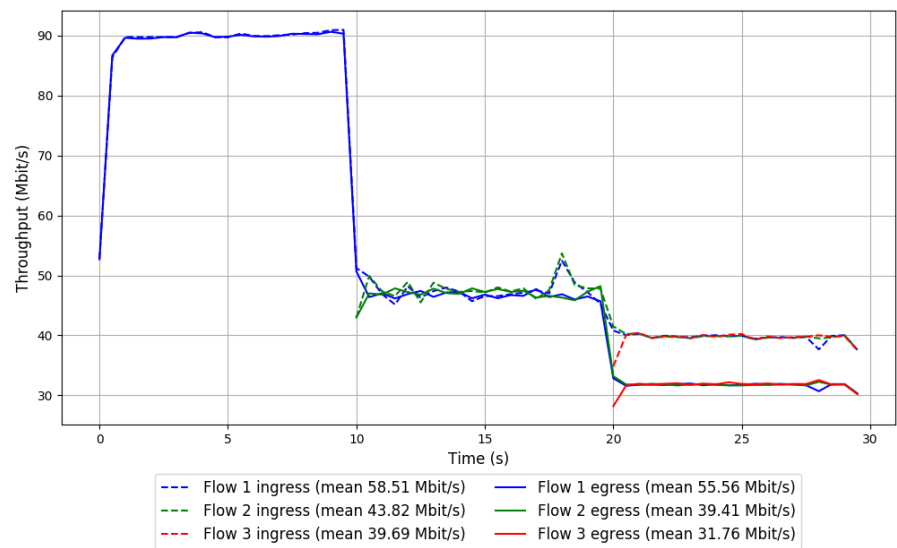


Run 10: Statistics of TaoVA-100x

Start at: 2018-02-03 05:29:25
End at: 2018-02-03 05:29:55
Local clock offset: 0.392 ms
Remote clock offset: -23.92 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 28.722 ms
Loss rate: 8.38%
-- Flow 1:
Average throughput: 55.56 Mbit/s
95th percentile per-packet one-way delay: 24.449 ms
Loss rate: 5.00%
-- Flow 2:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 29.564 ms
Loss rate: 9.99%
-- Flow 3:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 32.256 ms
Loss rate: 19.84%

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

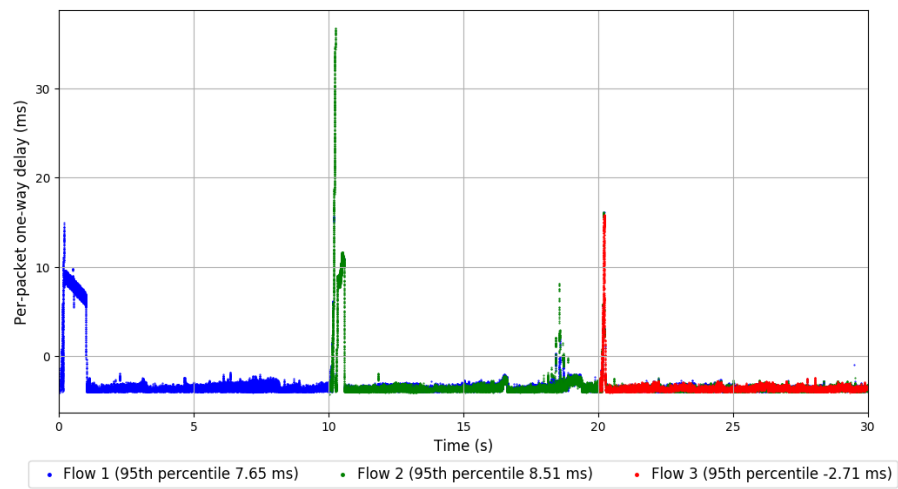
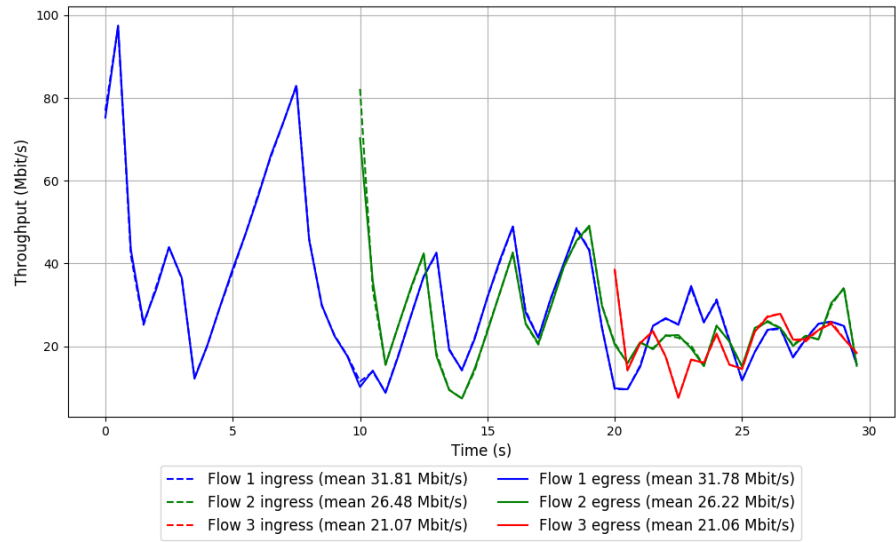


Run 1: Statistics of TCP Vegas

Start at: 2018-02-03 01:54:54
End at: 2018-02-03 01:55:24
Local clock offset: -2.028 ms
Remote clock offset: -18.761 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 7.480 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 7.651 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 26.22 Mbit/s
95th percentile per-packet one-way delay: 8.508 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 21.06 Mbit/s
95th percentile per-packet one-way delay: -2.706 ms
Loss rate: 0.10%

Run 1: Report of TCP Vegas — Data Link

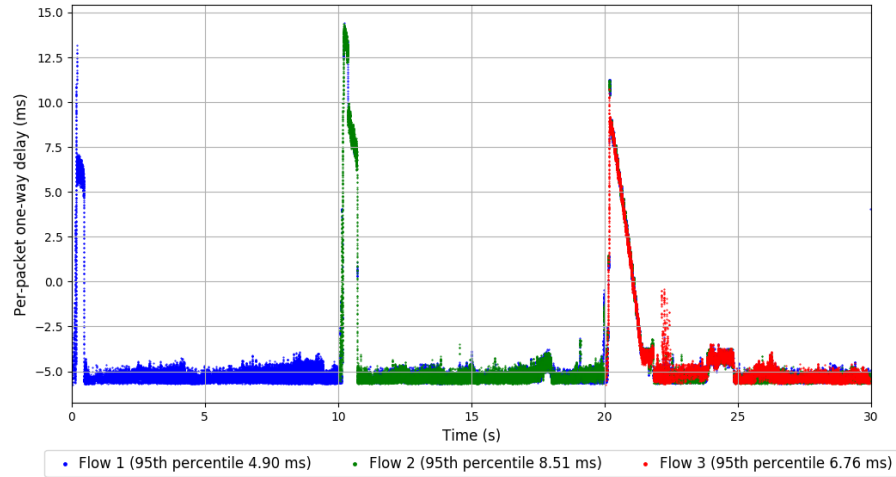
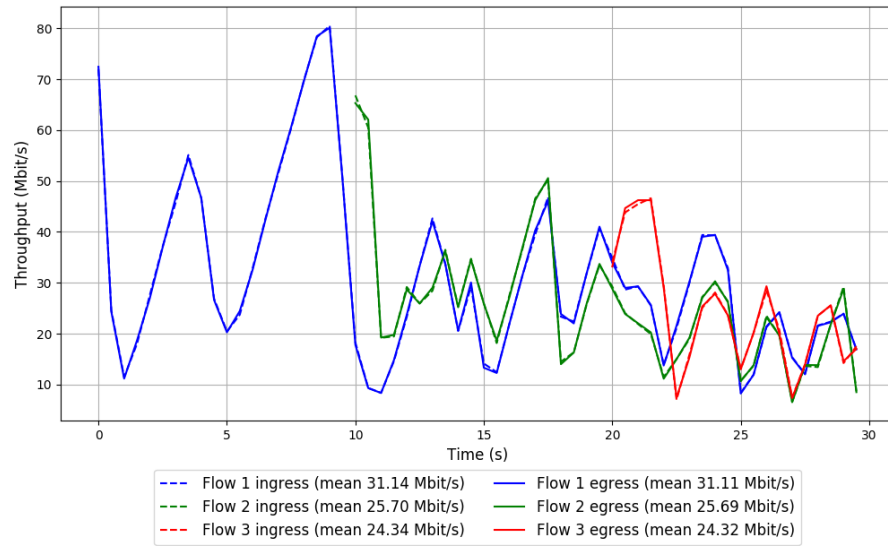


Run 2: Statistics of TCP Vegas

Start at: 2018-02-03 02:16:53
End at: 2018-02-03 02:17:23
Local clock offset: -0.043 ms
Remote clock offset: -19.474 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 6.595 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 31.11 Mbit/s
95th percentile per-packet one-way delay: 4.904 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 25.69 Mbit/s
95th percentile per-packet one-way delay: 8.505 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 6.759 ms
Loss rate: 0.08%

Run 2: Report of TCP Vegas — Data Link

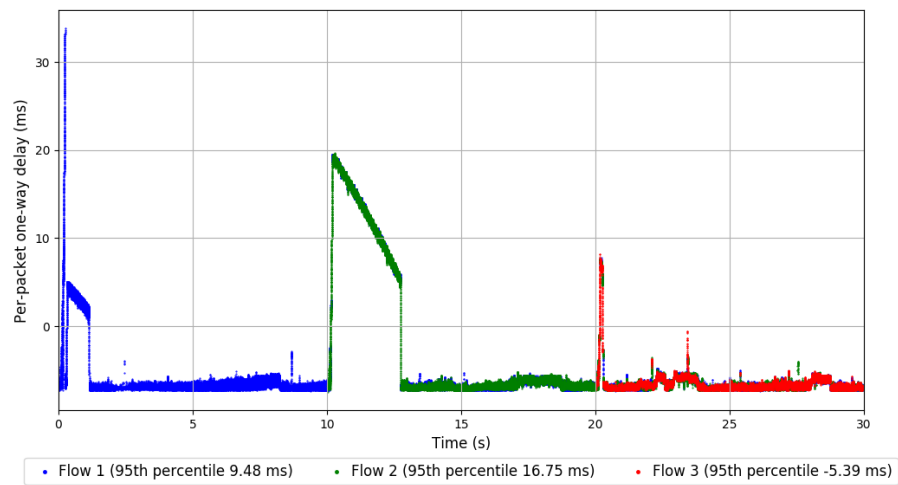
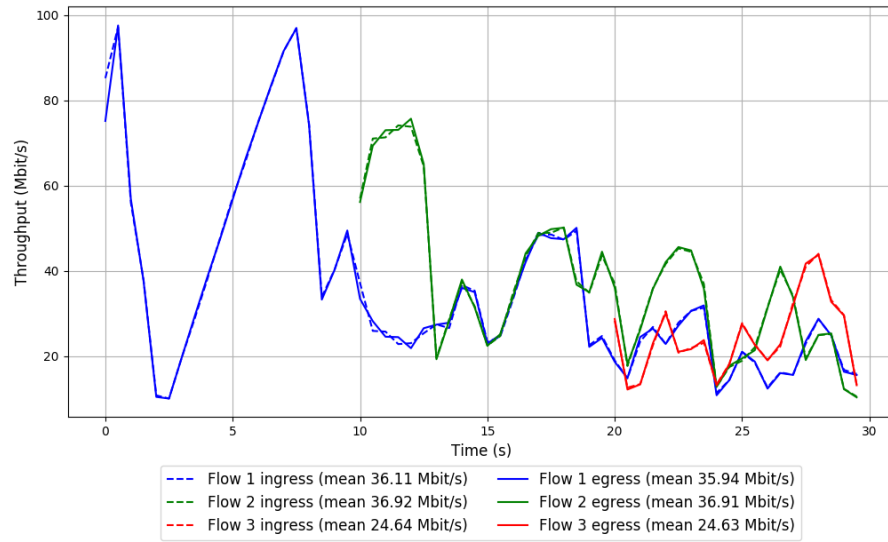


Run 3: Statistics of TCP Vegas

Start at: 2018-02-03 02:39:04
End at: 2018-02-03 02:39:34
Local clock offset: -0.179 ms
Remote clock offset: -21.567 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.69 Mbit/s
95th percentile per-packet one-way delay: 14.277 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: 9.476 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 36.91 Mbit/s
95th percentile per-packet one-way delay: 16.753 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: -5.389 ms
Loss rate: 0.08%

Run 3: Report of TCP Vegas — Data Link

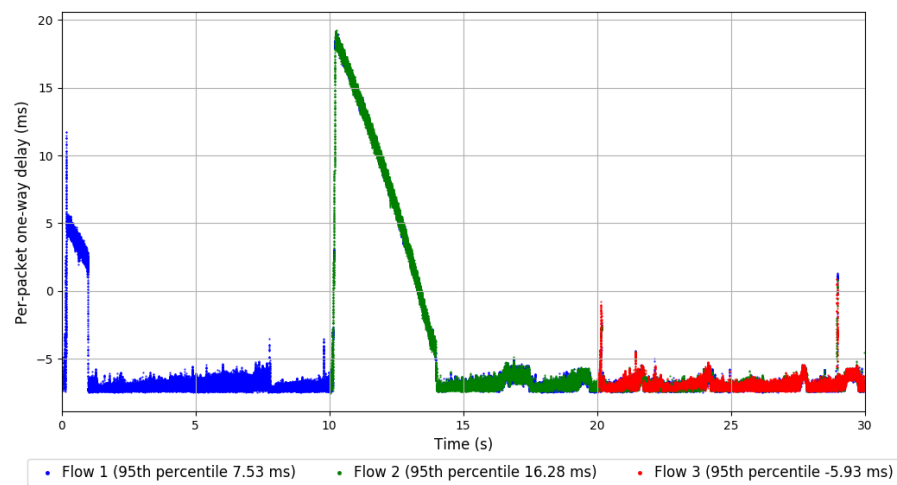
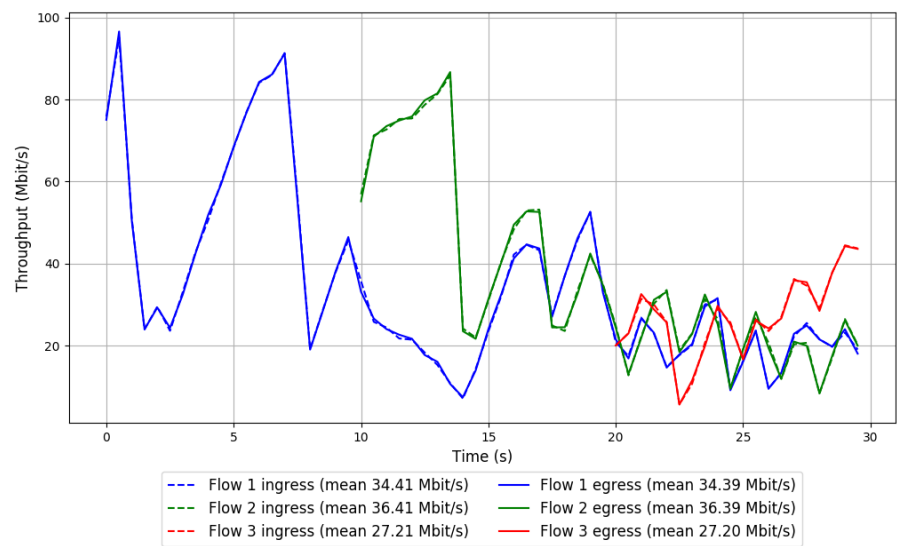


Run 4: Statistics of TCP Vegas

Start at: 2018-02-03 03:01:36
End at: 2018-02-03 03:02:06
Local clock offset: 2.118 ms
Remote clock offset: -19.126 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.65 Mbit/s
95th percentile per-packet one-way delay: 13.526 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 7.530 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 16.276 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 27.20 Mbit/s
95th percentile per-packet one-way delay: -5.928 ms
Loss rate: 0.06%

Run 4: Report of TCP Vegas — Data Link

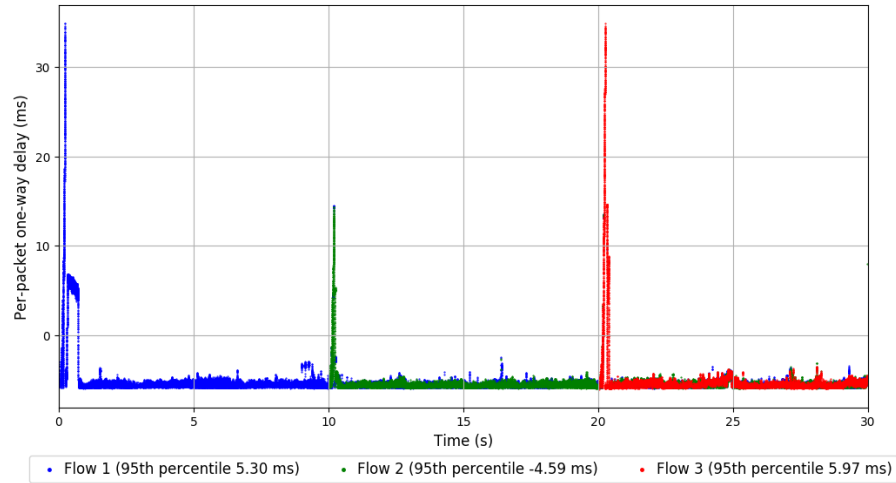
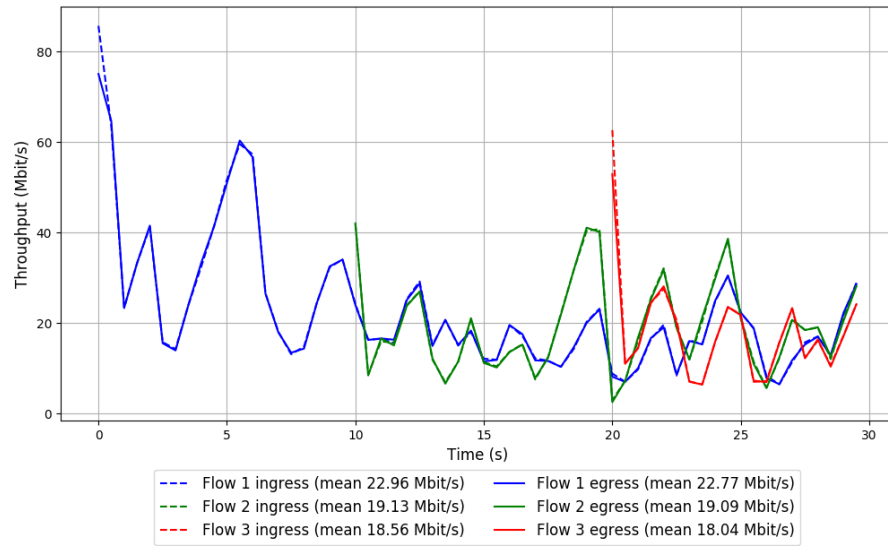


Run 5: Statistics of TCP Vegas

Start at: 2018-02-03 03:24:18
End at: 2018-02-03 03:24:48
Local clock offset: -2.164 ms
Remote clock offset: -22.163 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.46 Mbit/s
95th percentile per-packet one-way delay: 4.177 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 22.77 Mbit/s
95th percentile per-packet one-way delay: 5.298 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 19.09 Mbit/s
95th percentile per-packet one-way delay: -4.588 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 18.04 Mbit/s
95th percentile per-packet one-way delay: 5.970 ms
Loss rate: 2.79%

Run 5: Report of TCP Vegas — Data Link

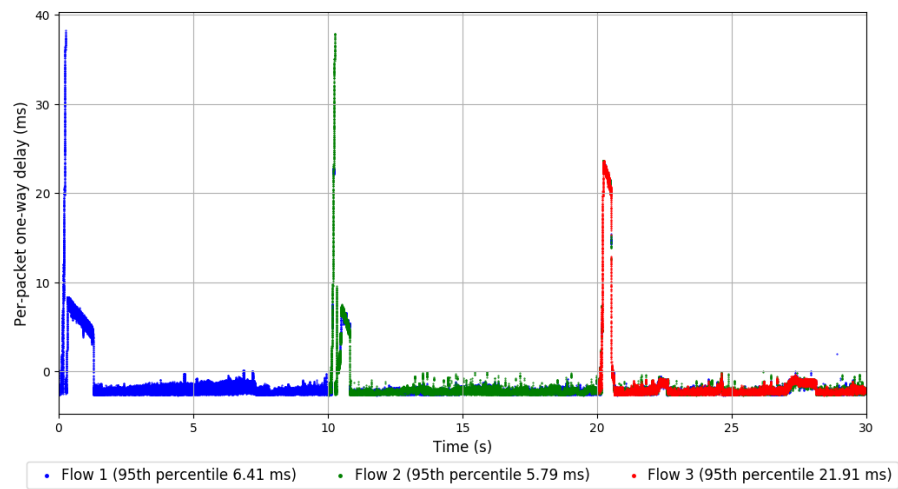
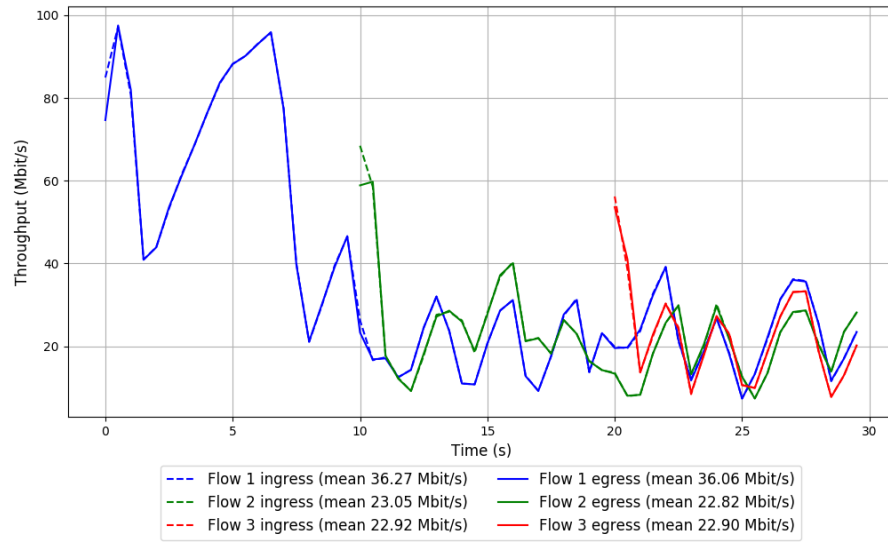


Run 6: Statistics of TCP Vegas

Start at: 2018-02-03 03:47:35
End at: 2018-02-03 03:48:05
Local clock offset: -2.839 ms
Remote clock offset: -19.713 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.84 Mbit/s
95th percentile per-packet one-way delay: 6.583 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 6.413 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 5.792 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 22.90 Mbit/s
95th percentile per-packet one-way delay: 21.910 ms
Loss rate: 0.09%

Run 6: Report of TCP Vegas — Data Link

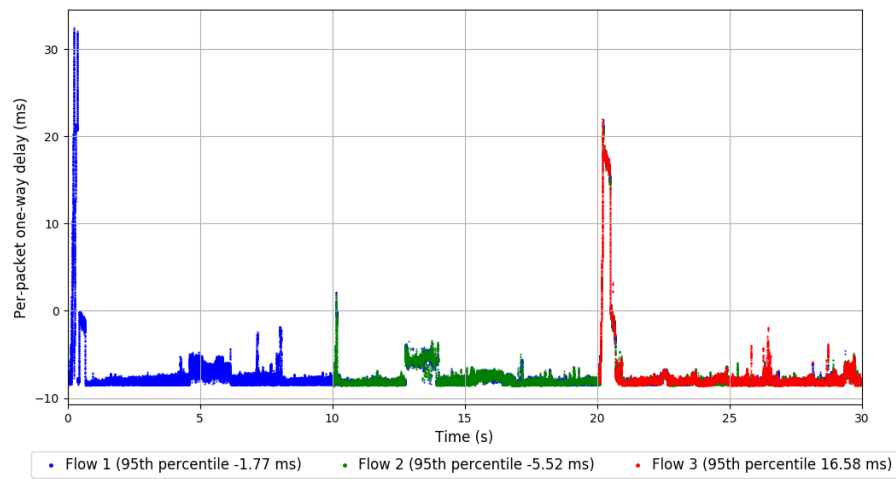
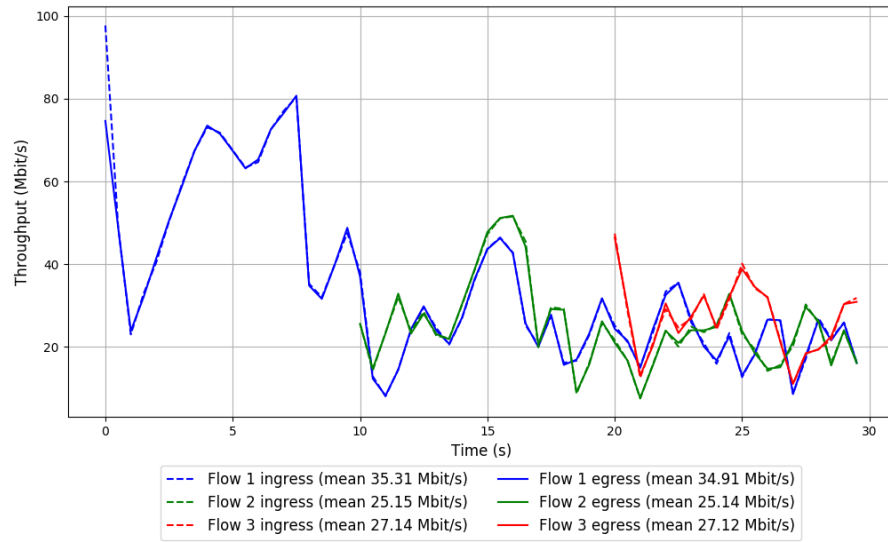


Run 7: Statistics of TCP Vegas

Start at: 2018-02-03 04:10:23
End at: 2018-02-03 04:10:53
Local clock offset: 3.367 ms
Remote clock offset: -19.322 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.65 Mbit/s
95th percentile per-packet one-way delay: -1.860 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 34.91 Mbit/s
95th percentile per-packet one-way delay: -1.774 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: -5.524 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 27.12 Mbit/s
95th percentile per-packet one-way delay: 16.581 ms
Loss rate: 0.07%

Run 7: Report of TCP Vegas — Data Link

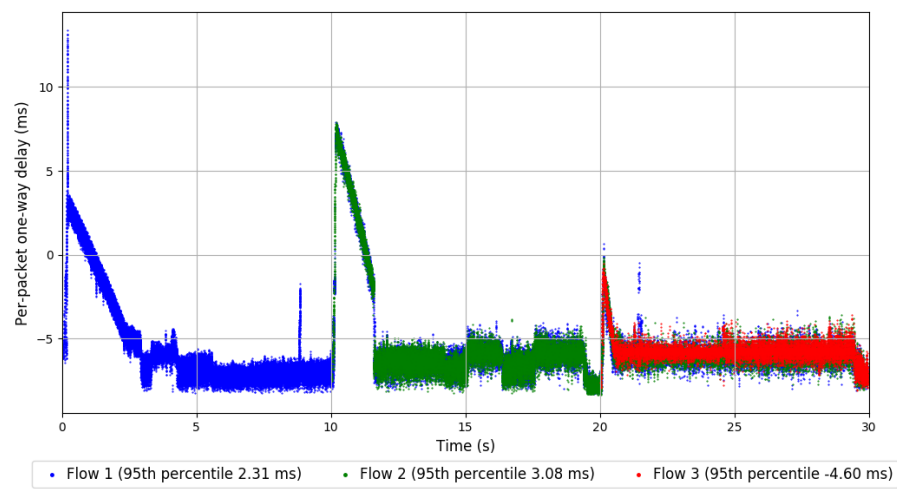
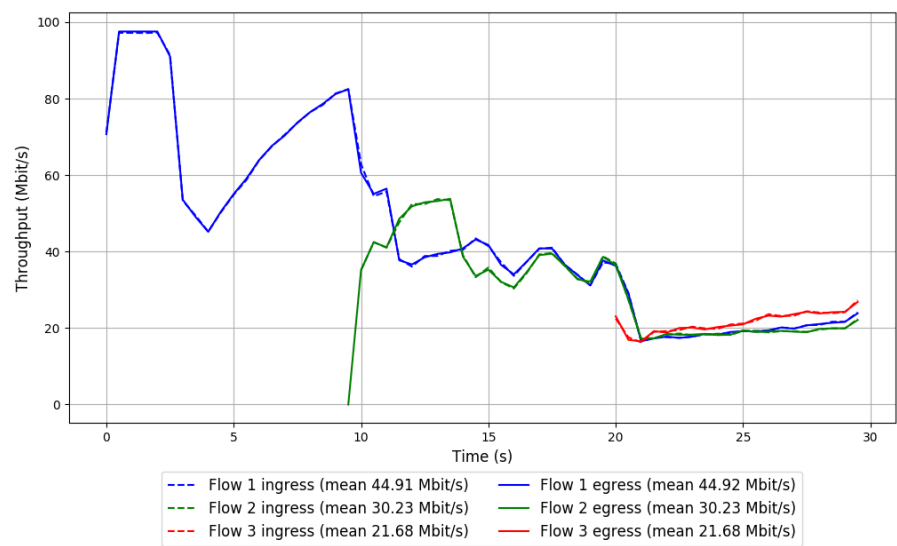


Run 8: Statistics of TCP Vegas

Start at: 2018-02-03 04:32:42
End at: 2018-02-03 04:33:12
Local clock offset: 2.235 ms
Remote clock offset: -21.88 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.26 Mbit/s
95th percentile per-packet one-way delay: 2.218 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 2.315 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.23 Mbit/s
95th percentile per-packet one-way delay: 3.075 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.68 Mbit/s
95th percentile per-packet one-way delay: -4.598 ms
Loss rate: 0.01%

Run 8: Report of TCP Vegas — Data Link

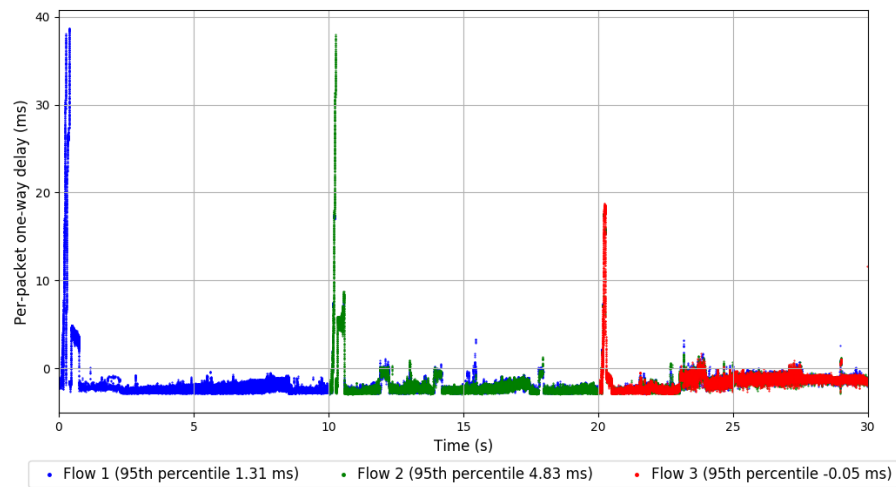
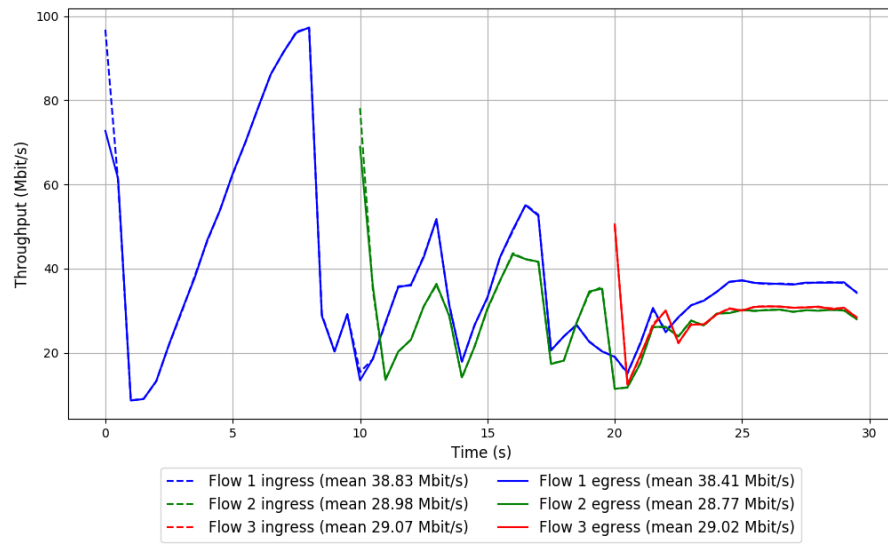


Run 9: Statistics of TCP Vegas

Start at: 2018-02-03 04:55:01
End at: 2018-02-03 04:55:31
Local clock offset: 0.354 ms
Remote clock offset: -19.041 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.18 Mbit/s
95th percentile per-packet one-way delay: 1.334 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 1.315 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 4.827 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: -0.046 ms
Loss rate: 0.02%

Run 9: Report of TCP Vegas — Data Link

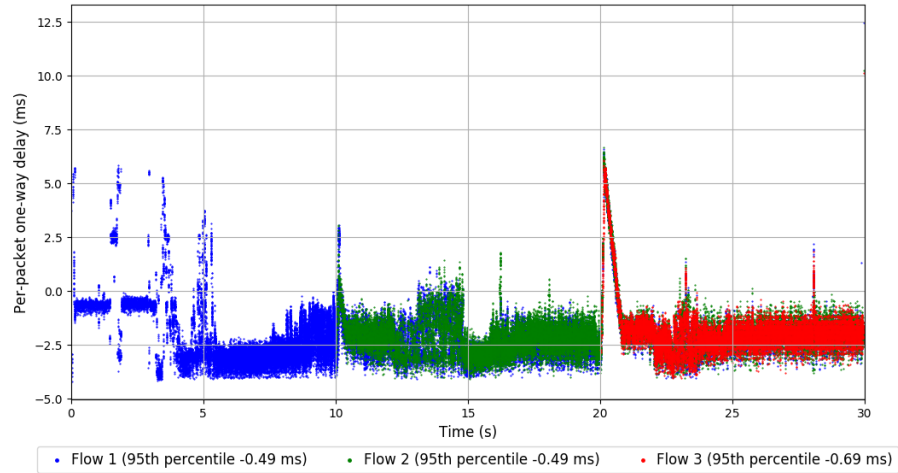
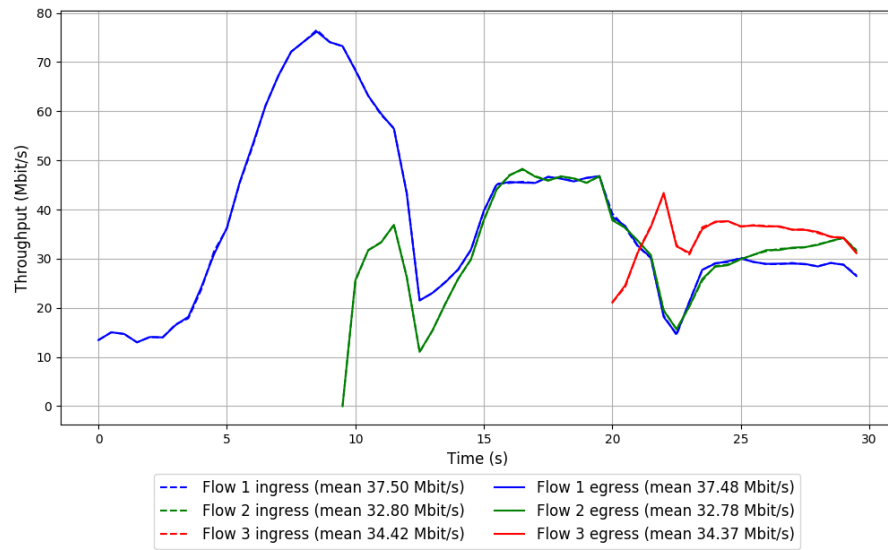


Run 10: Statistics of TCP Vegas

Start at: 2018-02-03 05:18:07
End at: 2018-02-03 05:18:37
Local clock offset: 0.411 ms
Remote clock offset: -22.886 ms

Below is generated by plot.py at 2018-02-03 06:19:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.77 Mbit/s
95th percentile per-packet one-way delay: -0.495 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 37.48 Mbit/s
95th percentile per-packet one-way delay: -0.488 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 32.78 Mbit/s
95th percentile per-packet one-way delay: -0.486 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: -0.690 ms
Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link

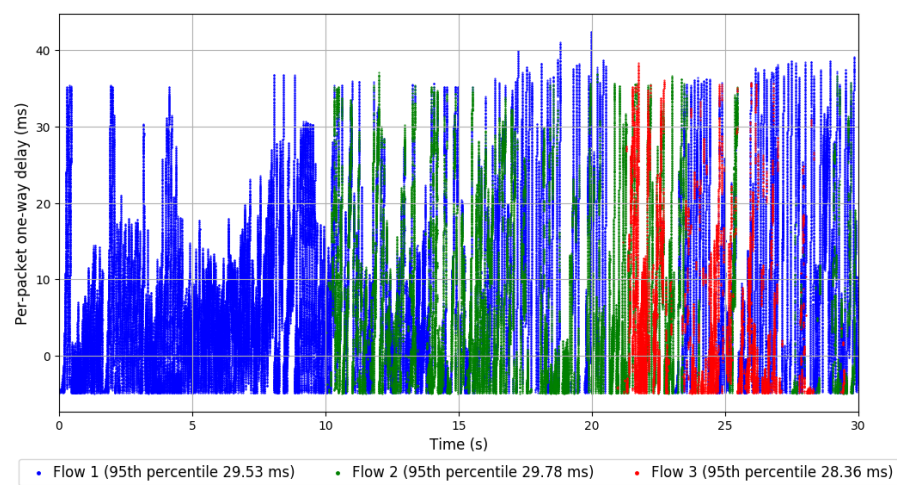
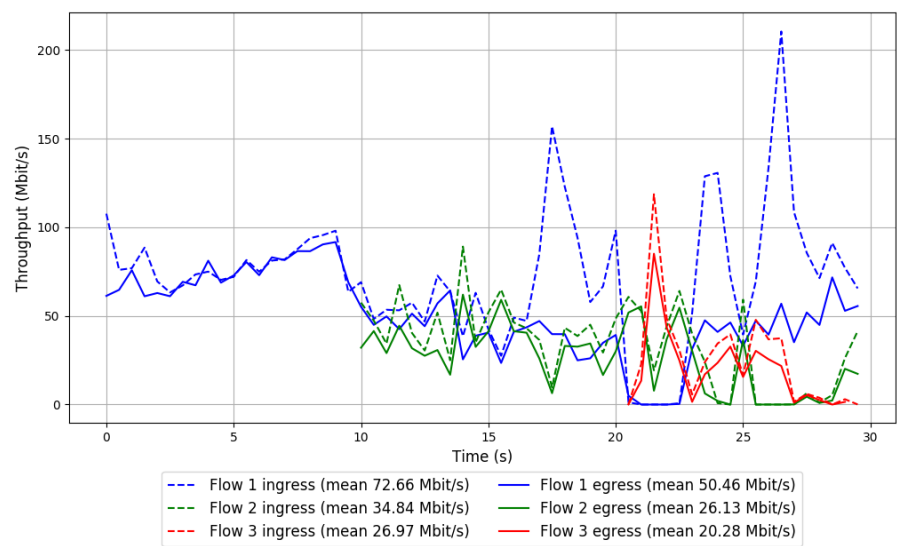


Run 1: Statistics of Verus

Start at: 2018-02-03 02:03:38
End at: 2018-02-03 02:04:08
Local clock offset: -1.62 ms
Remote clock offset: -19.786 ms

Below is generated by plot.py at 2018-02-03 06:19:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.53 Mbit/s
95th percentile per-packet one-way delay: 29.535 ms
Loss rate: 29.06%
-- Flow 1:
Average throughput: 50.46 Mbit/s
95th percentile per-packet one-way delay: 29.533 ms
Loss rate: 30.52%
-- Flow 2:
Average throughput: 26.13 Mbit/s
95th percentile per-packet one-way delay: 29.779 ms
Loss rate: 24.94%
-- Flow 3:
Average throughput: 20.28 Mbit/s
95th percentile per-packet one-way delay: 28.357 ms
Loss rate: 27.66%

Run 1: Report of Verus — Data Link

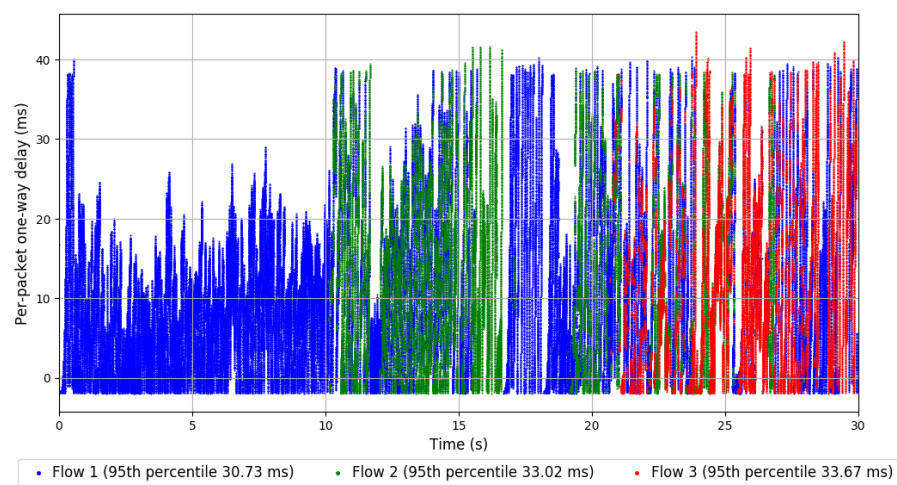
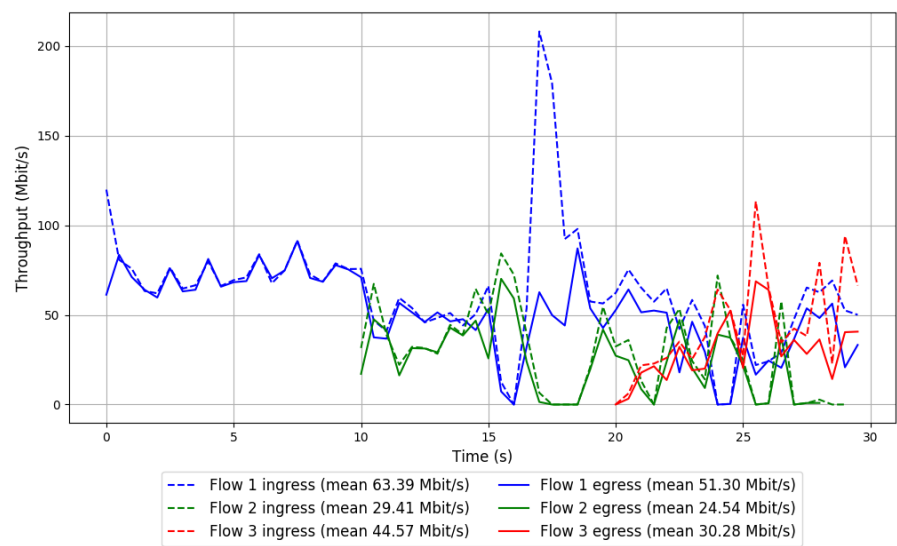


Run 2: Statistics of Verus

Start at: 2018-02-03 02:25:36
End at: 2018-02-03 02:26:06
Local clock offset: -2.692 ms
Remote clock offset: -18.507 ms

Below is generated by plot.py at 2018-02-03 06:19:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.99 Mbit/s
95th percentile per-packet one-way delay: 31.829 ms
Loss rate: 21.73%
-- Flow 1:
Average throughput: 51.30 Mbit/s
95th percentile per-packet one-way delay: 30.727 ms
Loss rate: 19.11%
-- Flow 2:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 33.021 ms
Loss rate: 22.59%
-- Flow 3:
Average throughput: 30.28 Mbit/s
95th percentile per-packet one-way delay: 33.673 ms
Loss rate: 31.97%

Run 2: Report of Verus — Data Link

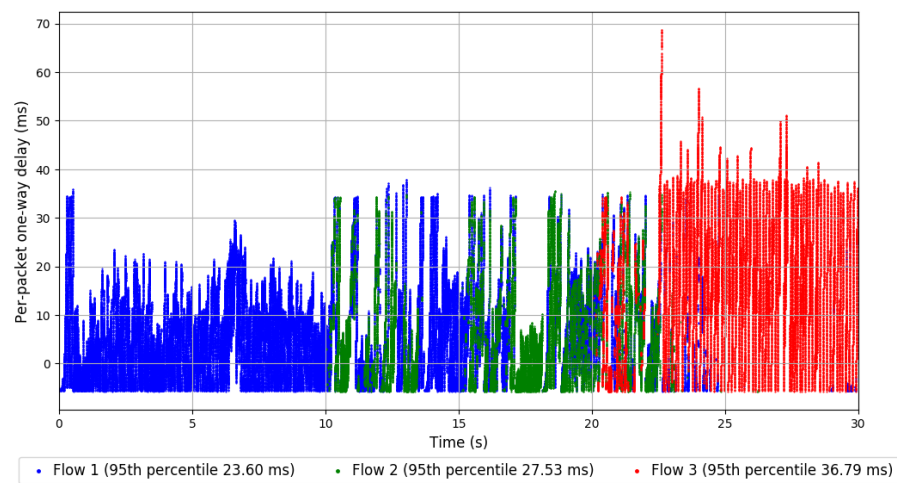
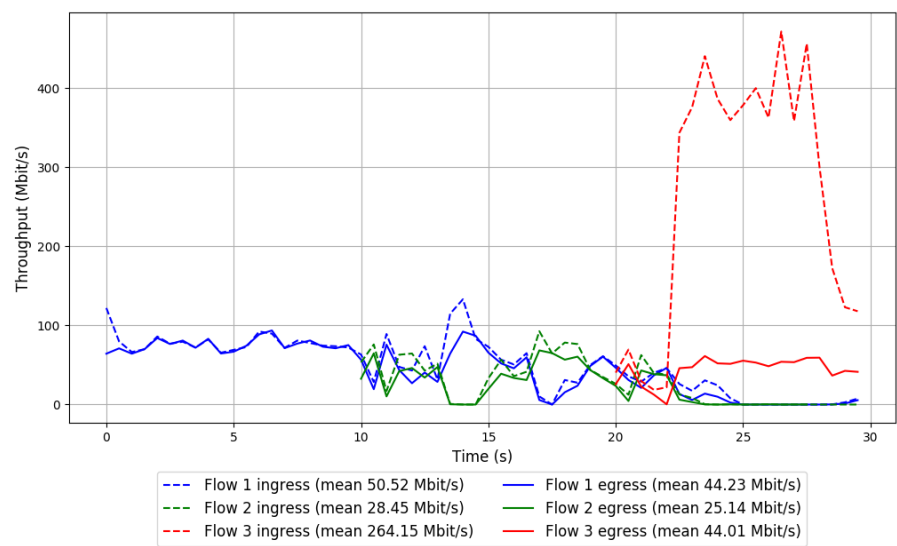


Run 3: Statistics of Verus

Start at: 2018-02-03 02:47:53
End at: 2018-02-03 02:48:23
Local clock offset: 0.544 ms
Remote clock offset: -19.219 ms

Below is generated by plot.py at 2018-02-03 06:20:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.56 Mbit/s
95th percentile per-packet one-way delay: 30.197 ms
Loss rate: 53.01%
-- Flow 1:
Average throughput: 44.23 Mbit/s
95th percentile per-packet one-way delay: 23.597 ms
Loss rate: 12.41%
-- Flow 2:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: 27.532 ms
Loss rate: 21.54%
-- Flow 3:
Average throughput: 44.01 Mbit/s
95th percentile per-packet one-way delay: 36.789 ms
Loss rate: 83.29%

Run 3: Report of Verus — Data Link

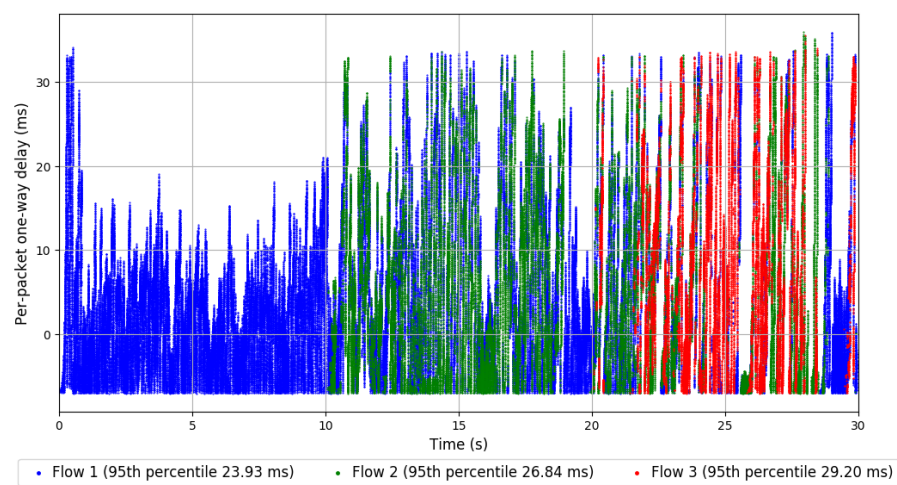
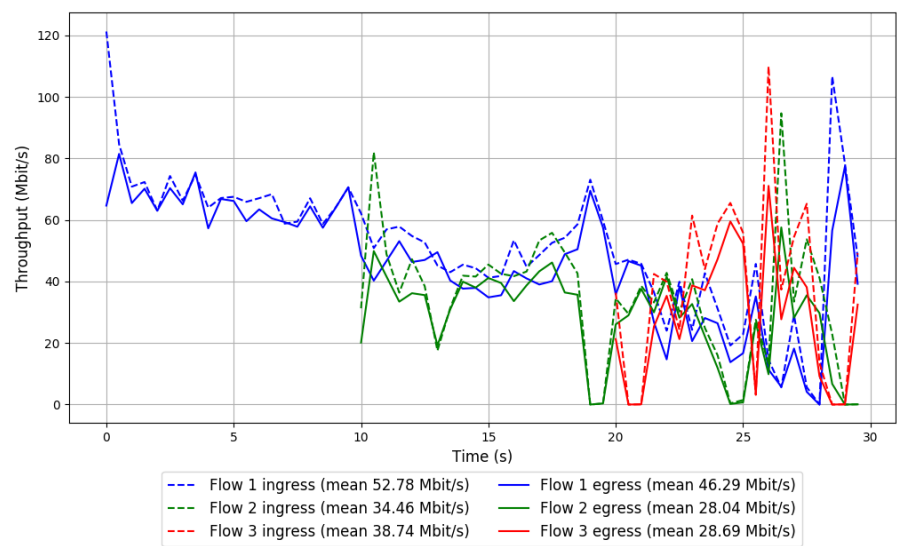


Run 4: Statistics of Verus

Start at: 2018-02-03 03:10:28
End at: 2018-02-03 03:10:58
Local clock offset: 1.168 ms
Remote clock offset: -19.645 ms

Below is generated by plot.py at 2018-02-03 06:20:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.34 Mbit/s
95th percentile per-packet one-way delay: 26.029 ms
Loss rate: 15.90%
-- Flow 1:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 23.927 ms
Loss rate: 12.29%
-- Flow 2:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 26.842 ms
Loss rate: 18.69%
-- Flow 3:
Average throughput: 28.69 Mbit/s
95th percentile per-packet one-way delay: 29.198 ms
Loss rate: 25.82%

Run 4: Report of Verus — Data Link

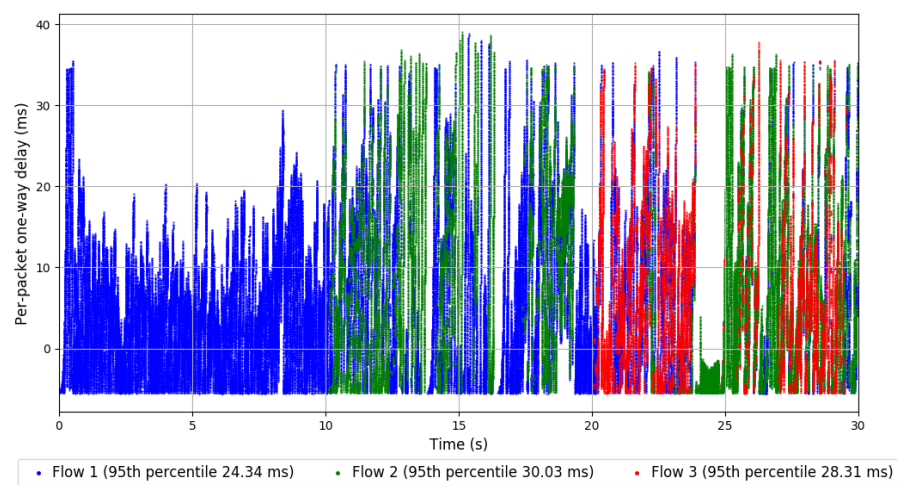
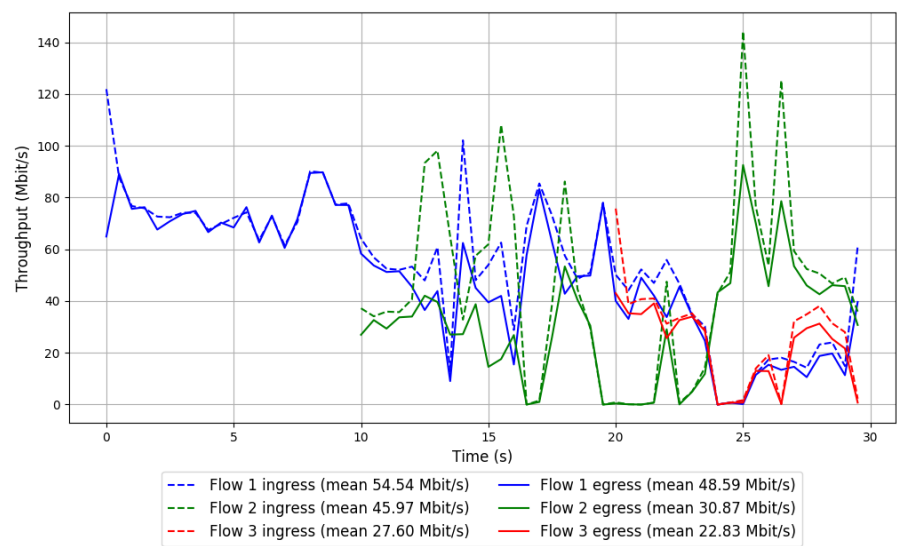


Run 5: Statistics of Verus

Start at: 2018-02-03 03:33:41
End at: 2018-02-03 03:34:11
Local clock offset: -0.998 ms
Remote clock offset: -20.535 ms

Below is generated by plot.py at 2018-02-03 06:20:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.37 Mbit/s
95th percentile per-packet one-way delay: 27.097 ms
Loss rate: 18.59%
-- Flow 1:
Average throughput: 48.59 Mbit/s
95th percentile per-packet one-way delay: 24.342 ms
Loss rate: 10.80%
-- Flow 2:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 30.029 ms
Loss rate: 32.78%
-- Flow 3:
Average throughput: 22.83 Mbit/s
95th percentile per-packet one-way delay: 28.308 ms
Loss rate: 17.55%

Run 5: Report of Verus — Data Link

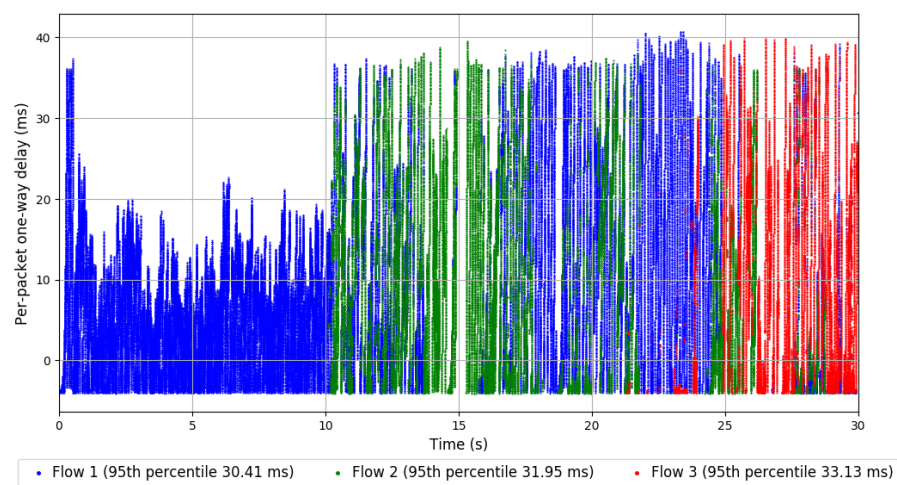
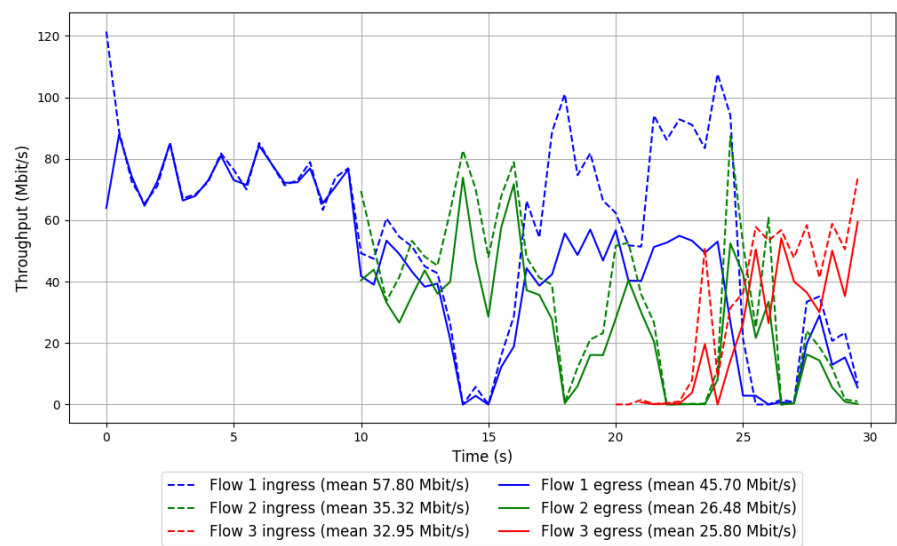


Run 6: Statistics of Verus

Start at: 2018-02-03 03:56:46
End at: 2018-02-03 03:57:16
Local clock offset: -1.263 ms
Remote clock offset: -19.168 ms

Below is generated by plot.py at 2018-02-03 06:20:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.39 Mbit/s
95th percentile per-packet one-way delay: 31.274 ms
Loss rate: 23.26%
-- Flow 1:
Average throughput: 45.70 Mbit/s
95th percentile per-packet one-way delay: 30.409 ms
Loss rate: 20.85%
-- Flow 2:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 31.953 ms
Loss rate: 26.30%
-- Flow 3:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 33.135 ms
Loss rate: 29.68%

Run 6: Report of Verus — Data Link

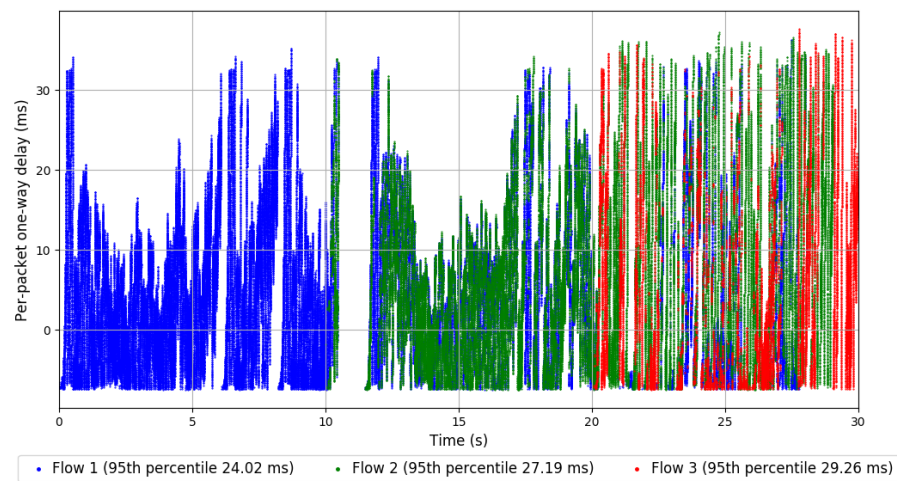
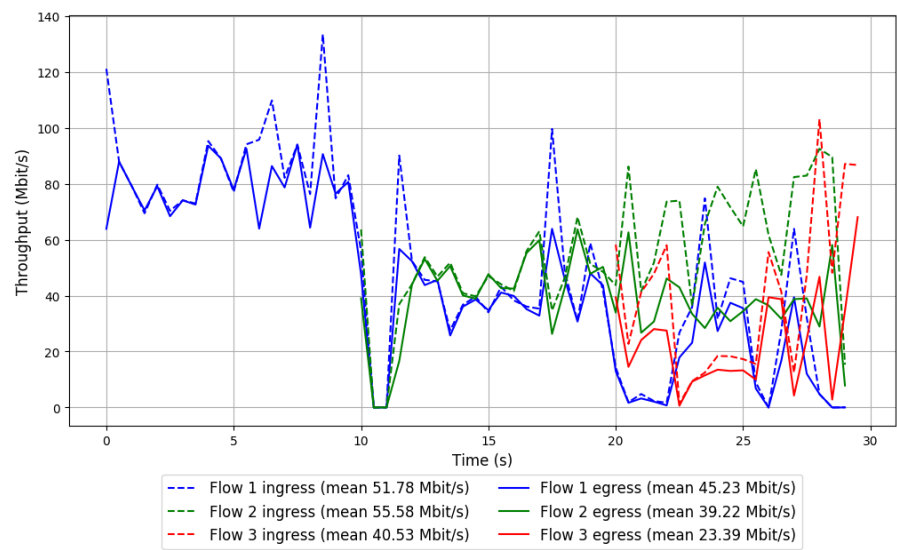


Run 7: Statistics of Verus

Start at: 2018-02-03 04:19:19
End at: 2018-02-03 04:19:49
Local clock offset: 3.205 ms
Remote clock offset: -18.576 ms

Below is generated by plot.py at 2018-02-03 06:20:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.71 Mbit/s
95th percentile per-packet one-way delay: 25.861 ms
Loss rate: 22.99%
-- Flow 1:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 24.021 ms
Loss rate: 13.21%
-- Flow 2:
Average throughput: 39.22 Mbit/s
95th percentile per-packet one-way delay: 27.188 ms
Loss rate: 29.74%
-- Flow 3:
Average throughput: 23.39 Mbit/s
95th percentile per-packet one-way delay: 29.259 ms
Loss rate: 42.22%

Run 7: Report of Verus — Data Link

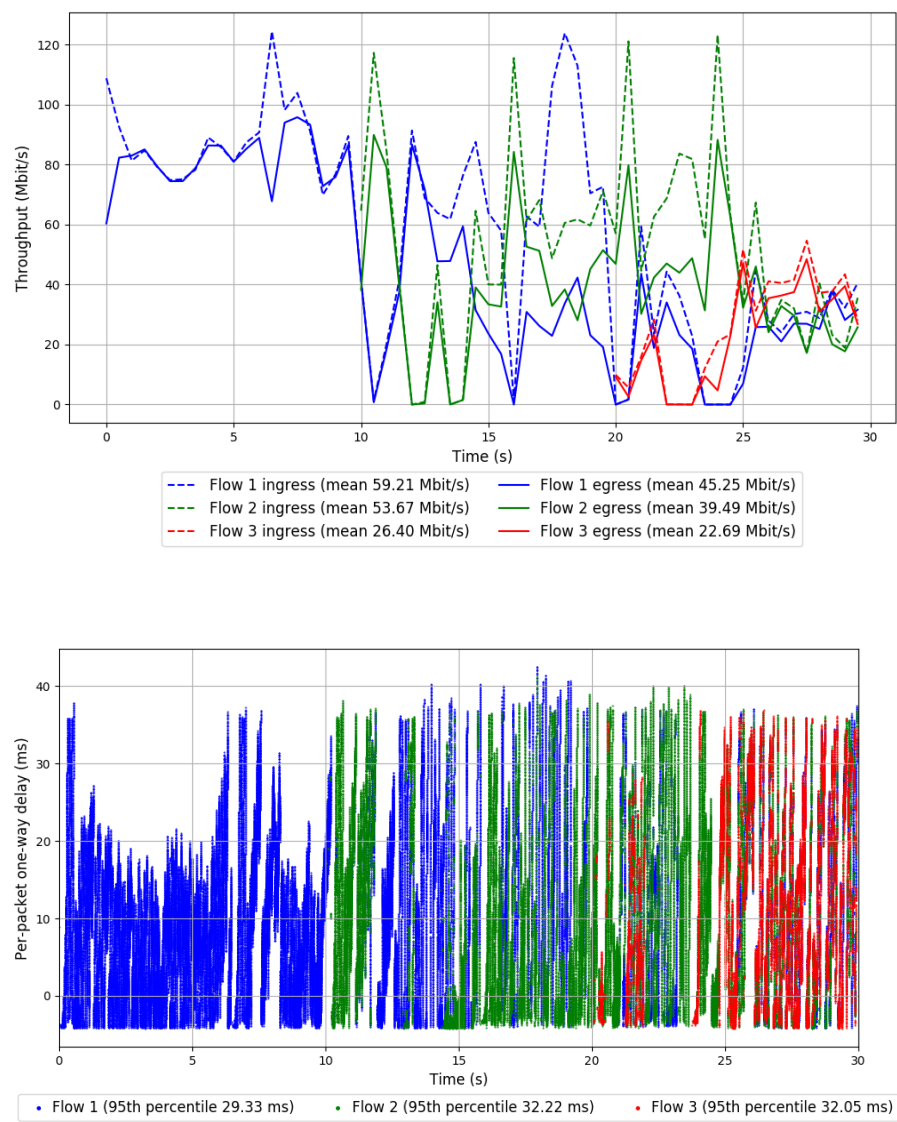


Run 8: Statistics of Verus

Start at: 2018-02-03 04:41:21
End at: 2018-02-03 04:41:51
Local clock offset: 0.914 ms
Remote clock offset: -19.484 ms

Below is generated by plot.py at 2018-02-03 06:20:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 30.934 ms
Loss rate: 23.79%
-- Flow 1:
Average throughput: 45.25 Mbit/s
95th percentile per-packet one-way delay: 29.328 ms
Loss rate: 23.59%
-- Flow 2:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 32.221 ms
Loss rate: 26.49%
-- Flow 3:
Average throughput: 22.69 Mbit/s
95th percentile per-packet one-way delay: 32.045 ms
Loss rate: 14.11%

Run 8: Report of Verus — Data Link

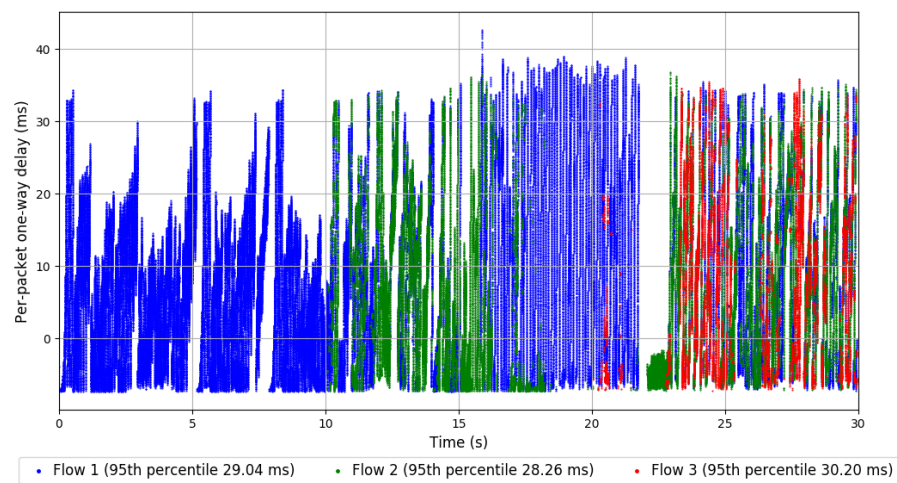
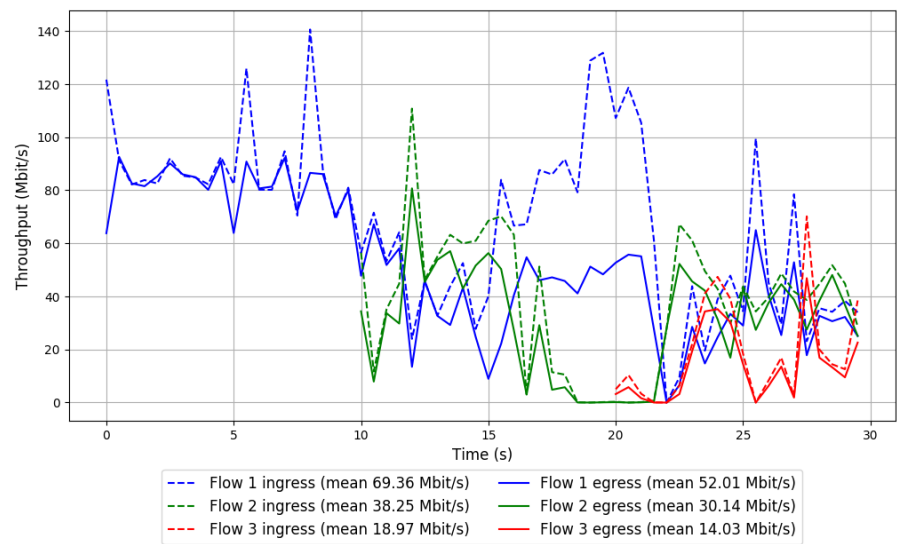


Run 9: Statistics of Verus

Start at: 2018-02-03 05:04:00
End at: 2018-02-03 05:04:30
Local clock offset: 2.077 ms
Remote clock offset: -23.623 ms

Below is generated by plot.py at 2018-02-03 06:20:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.66 Mbit/s
95th percentile per-packet one-way delay: 28.911 ms
Loss rate: 24.09%
-- Flow 1:
Average throughput: 52.01 Mbit/s
95th percentile per-packet one-way delay: 29.044 ms
Loss rate: 25.00%
-- Flow 2:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 28.261 ms
Loss rate: 21.11%
-- Flow 3:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 30.197 ms
Loss rate: 26.03%

Run 9: Report of Verus — Data Link

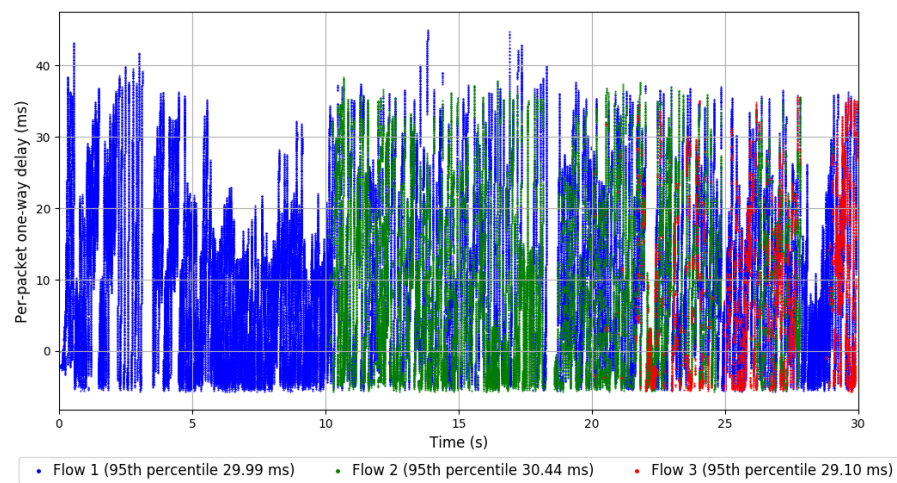
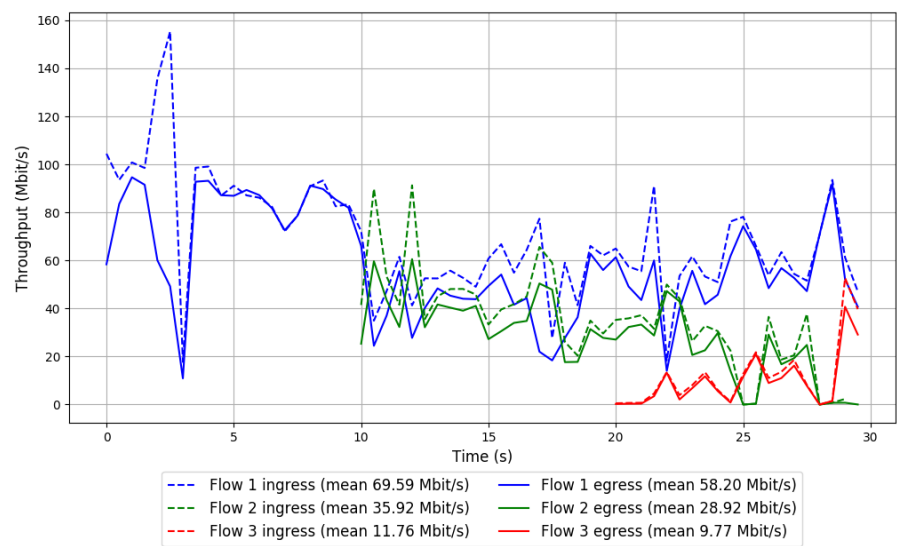


Run 10: Statistics of Verus

Start at: 2018-02-03 05:26:50
End at: 2018-02-03 05:27:20
Local clock offset: -0.398 ms
Remote clock offset: -25.371 ms

Below is generated by plot.py at 2018-02-03 06:20:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.22 Mbit/s
95th percentile per-packet one-way delay: 30.077 ms
Loss rate: 17.10%
-- Flow 1:
Average throughput: 58.20 Mbit/s
95th percentile per-packet one-way delay: 29.989 ms
Loss rate: 16.28%
-- Flow 2:
Average throughput: 28.92 Mbit/s
95th percentile per-packet one-way delay: 30.436 ms
Loss rate: 19.52%
-- Flow 3:
Average throughput: 9.77 Mbit/s
95th percentile per-packet one-way delay: 29.103 ms
Loss rate: 17.16%

Run 10: Report of Verus — Data Link

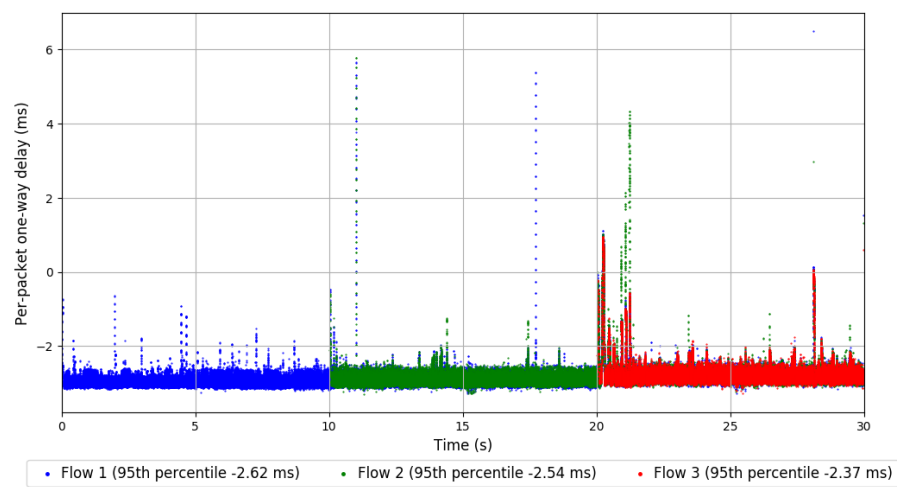
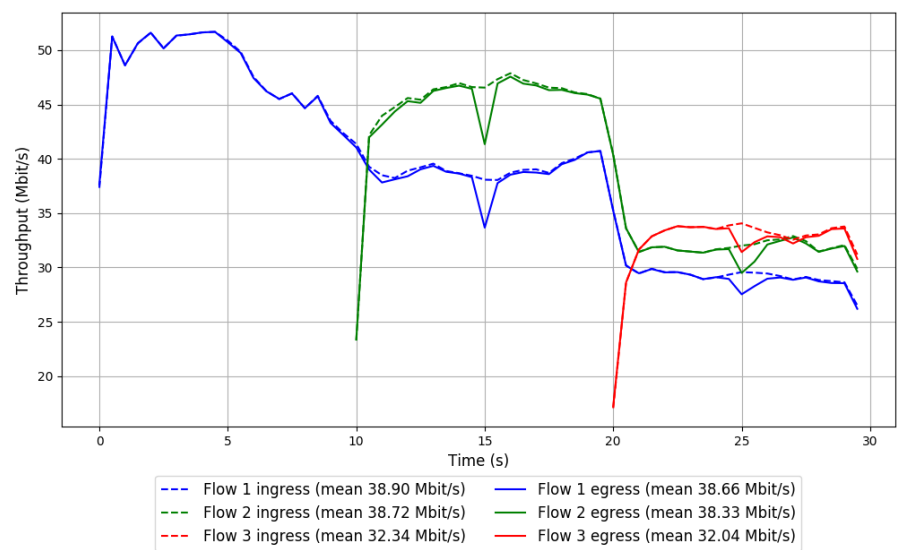


Run 1: Statistics of Copa

Start at: 2018-02-03 01:59:53
End at: 2018-02-03 02:00:23
Local clock offset: -2.566 ms
Remote clock offset: -18.813 ms

Below is generated by plot.py at 2018-02-03 06:21:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.83 Mbit/s
95th percentile per-packet one-way delay: -2.554 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 38.66 Mbit/s
95th percentile per-packet one-way delay: -2.615 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 38.33 Mbit/s
95th percentile per-packet one-way delay: -2.539 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: -2.368 ms
Loss rate: 0.92%

Run 1: Report of Copa — Data Link

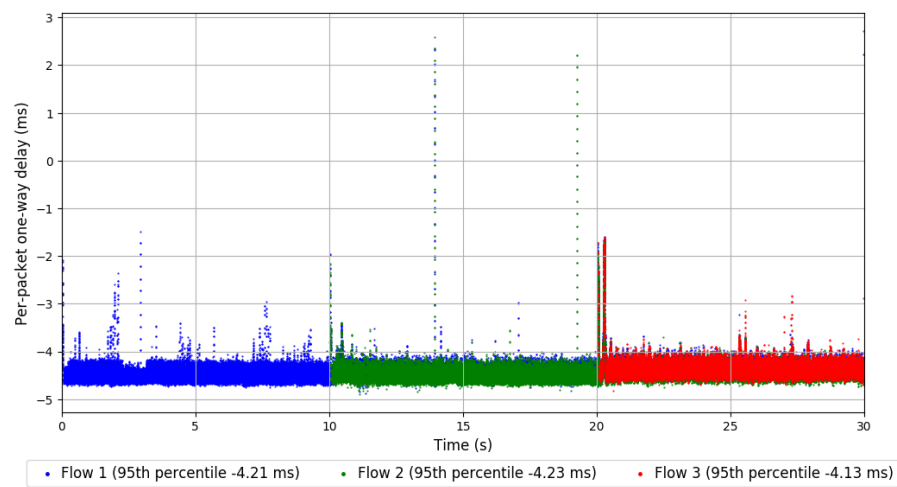
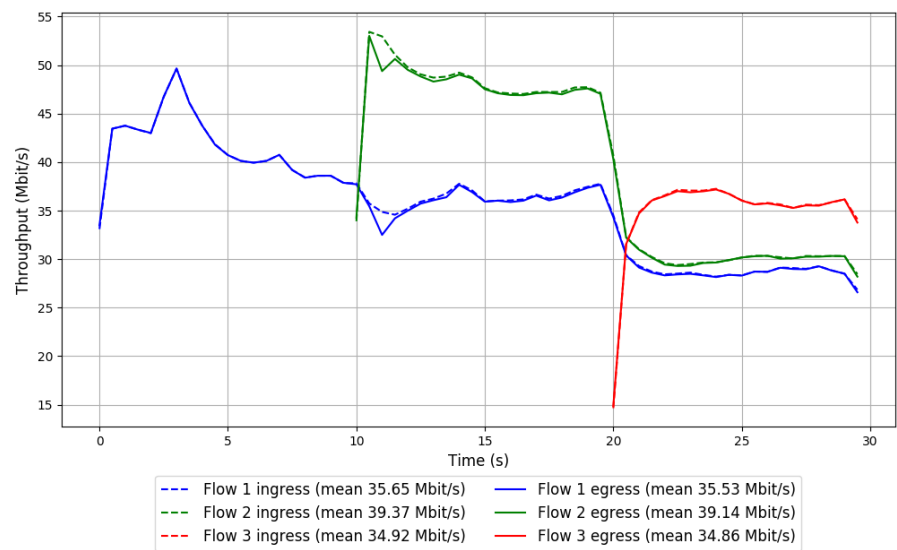


Run 2: Statistics of Copa

Start at: 2018-02-03 02:21:47
End at: 2018-02-03 02:22:17
Local clock offset: -2.081 ms
Remote clock offset: -20.648 ms

Below is generated by plot.py at 2018-02-03 06:22:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.17 Mbit/s
95th percentile per-packet one-way delay: -4.194 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: -4.205 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: -4.226 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 34.86 Mbit/s
95th percentile per-packet one-way delay: -4.130 ms
Loss rate: 0.15%

Run 2: Report of Copa — Data Link

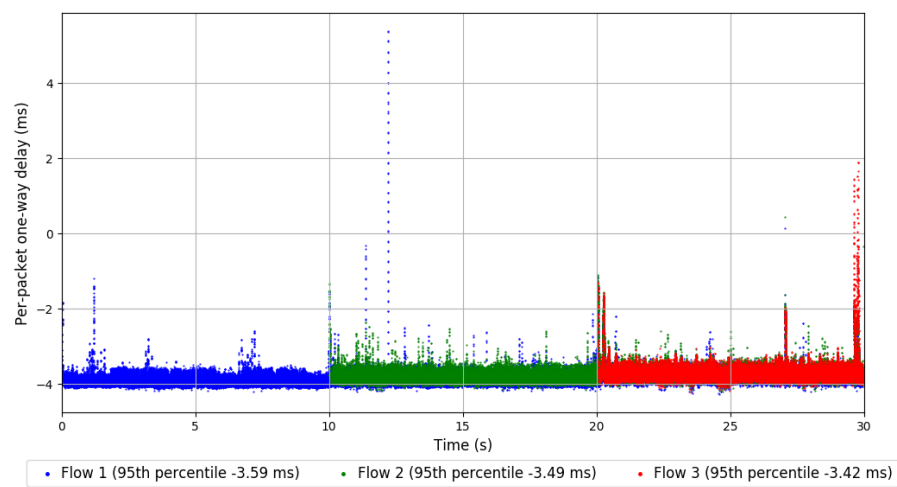
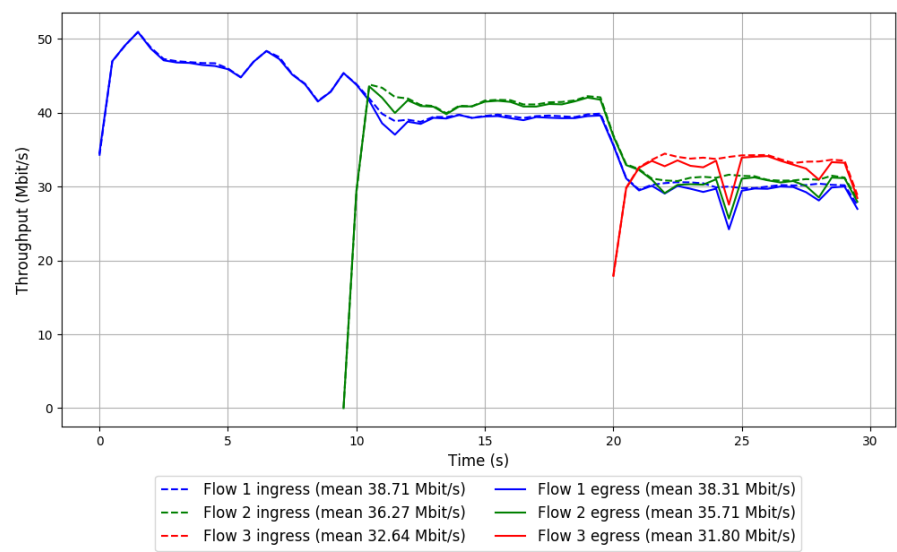


Run 3: Statistics of Copa

Start at: 2018-02-03 02:44:07
End at: 2018-02-03 02:44:37
Local clock offset: -2.185 ms
Remote clock offset: -20.301 ms

Below is generated by plot.py at 2018-02-03 06:22:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.67 Mbit/s
95th percentile per-packet one-way delay: -3.517 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: -3.594 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: -3.487 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: -3.418 ms
Loss rate: 2.58%

Run 3: Report of Copa — Data Link

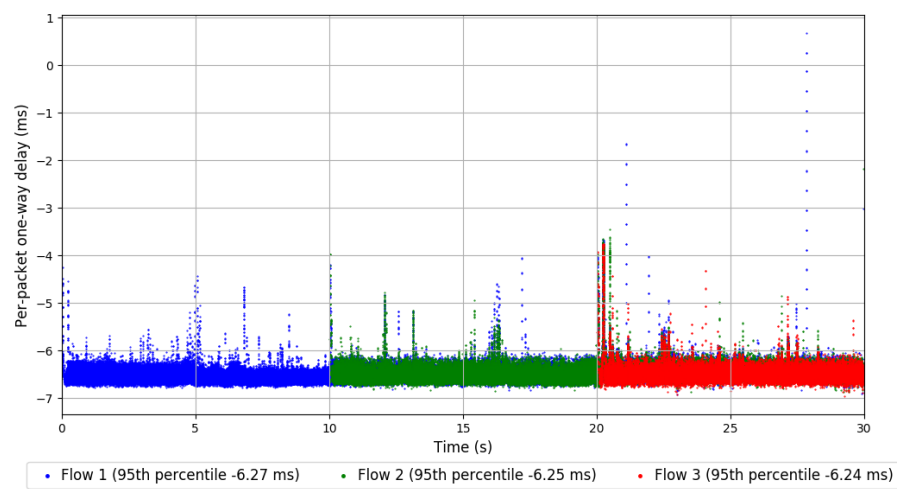
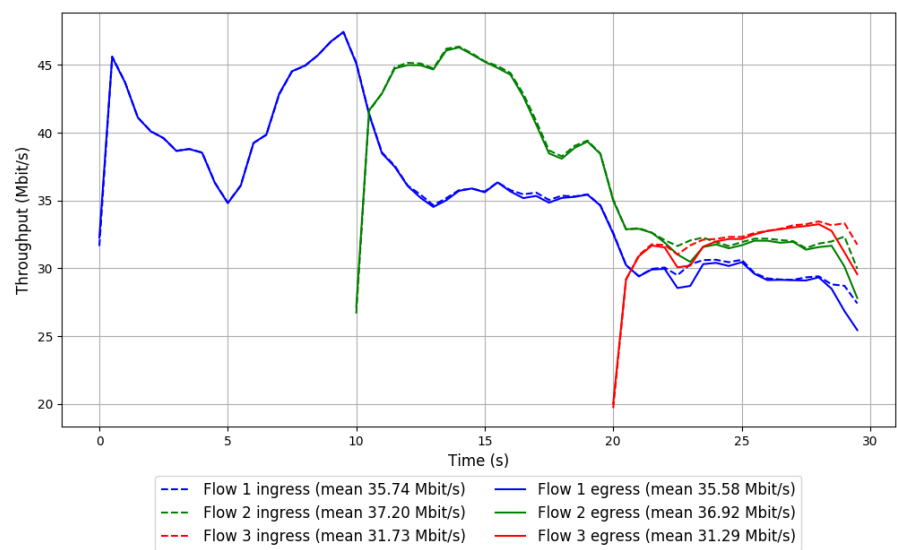


Run 4: Statistics of Copa

Start at: 2018-02-03 03:06:40
End at: 2018-02-03 03:07:10
Local clock offset: 0.064 ms
Remote clock offset: -20.489 ms

Below is generated by plot.py at 2018-02-03 06:22:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.56 Mbit/s
95th percentile per-packet one-way delay: -6.259 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 35.58 Mbit/s
95th percentile per-packet one-way delay: -6.269 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: -6.253 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: -6.238 ms
Loss rate: 1.39%

Run 4: Report of Copa — Data Link

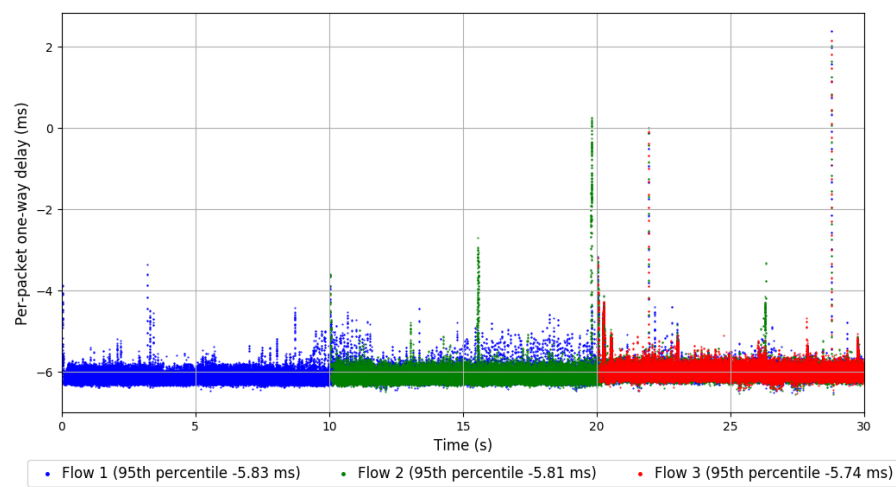
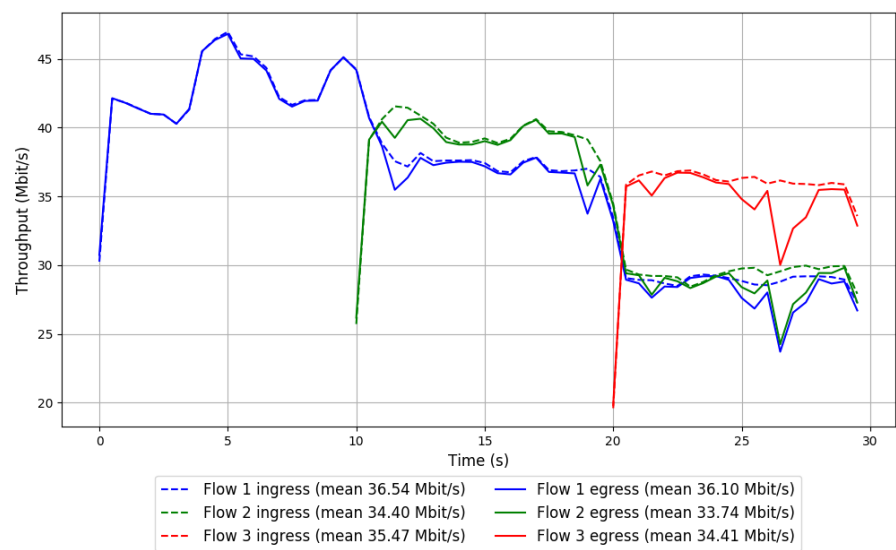


Run 5: Statistics of Copa

Start at: 2018-02-03 03:29:28
End at: 2018-02-03 03:29:58
Local clock offset: -1.408 ms
Remote clock offset: -21.836 ms

Below is generated by plot.py at 2018-02-03 06:22:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.99 Mbit/s
95th percentile per-packet one-way delay: -5.806 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: -5.832 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 33.74 Mbit/s
95th percentile per-packet one-way delay: -5.813 ms
Loss rate: 1.92%
-- Flow 3:
Average throughput: 34.41 Mbit/s
95th percentile per-packet one-way delay: -5.741 ms
Loss rate: 3.00%

Run 5: Report of Copa — Data Link

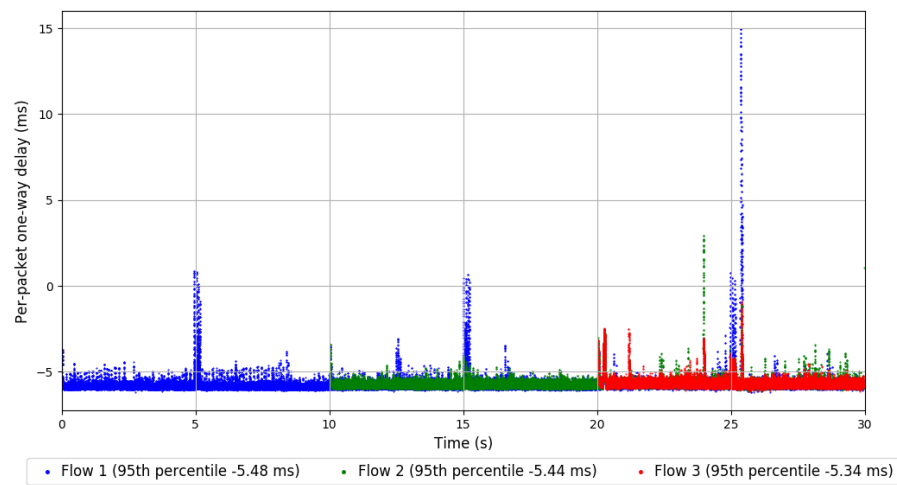
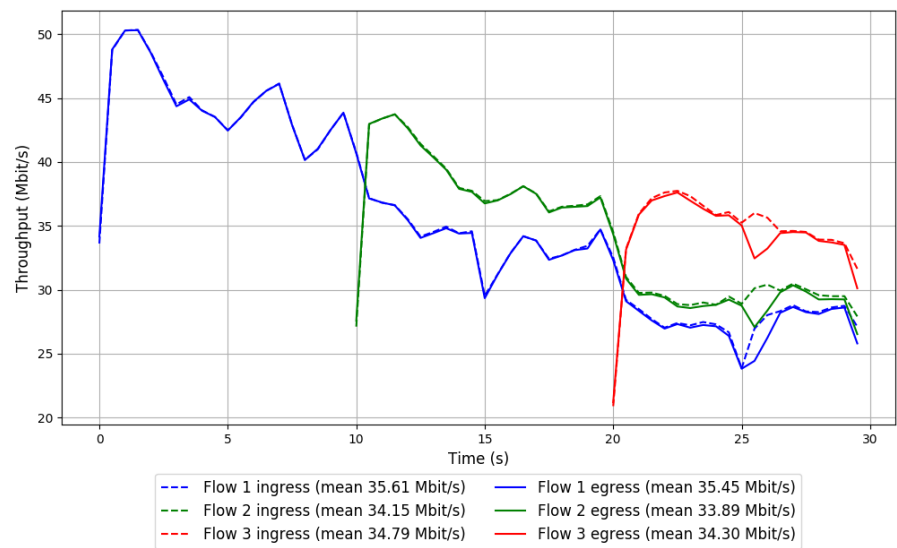


Run 6: Statistics of Copa

Start at: 2018-02-03 03:52:46
End at: 2018-02-03 03:53:16
Local clock offset: -0.157 ms
Remote clock offset: -20.185 ms

Below is generated by plot.py at 2018-02-03 06:22:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.40 Mbit/s
95th percentile per-packet one-way delay: -5.431 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: -5.477 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: -5.436 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: -5.340 ms
Loss rate: 1.41%

Run 6: Report of Copa — Data Link

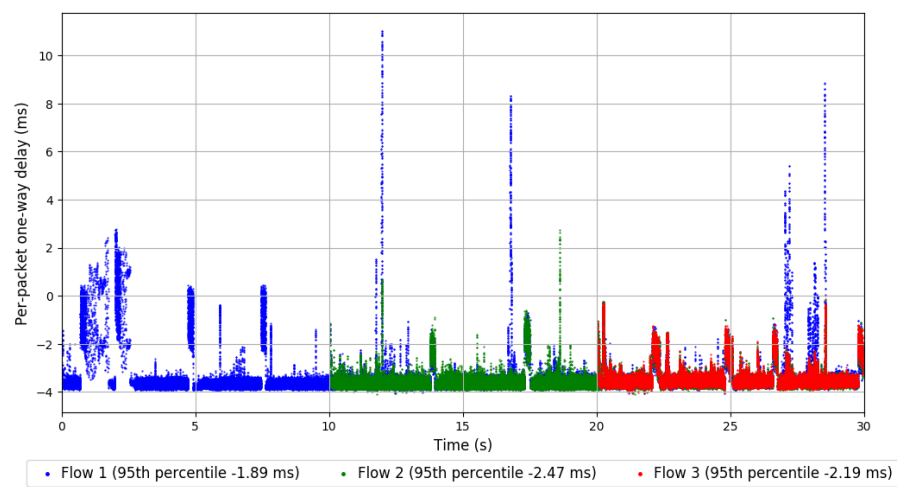
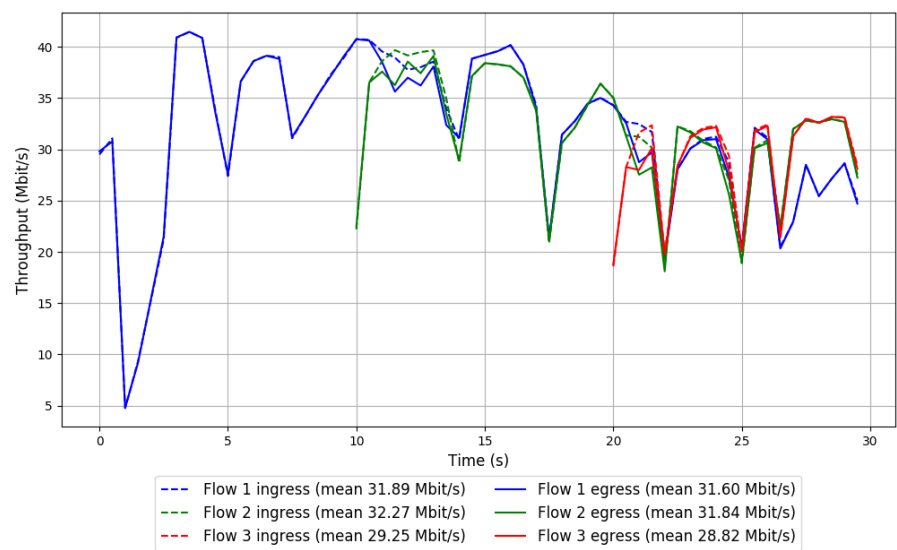


Run 7: Statistics of Copa

Start at: 2018-02-03 04:15:32
End at: 2018-02-03 04:16:02
Local clock offset: -1.722 ms
Remote clock offset: -19.923 ms

Below is generated by plot.py at 2018-02-03 06:22:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.37 Mbit/s
95th percentile per-packet one-way delay: -2.196 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 31.60 Mbit/s
95th percentile per-packet one-way delay: -1.887 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: -2.473 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 28.82 Mbit/s
95th percentile per-packet one-way delay: -2.192 ms
Loss rate: 1.47%

Run 7: Report of Copa — Data Link

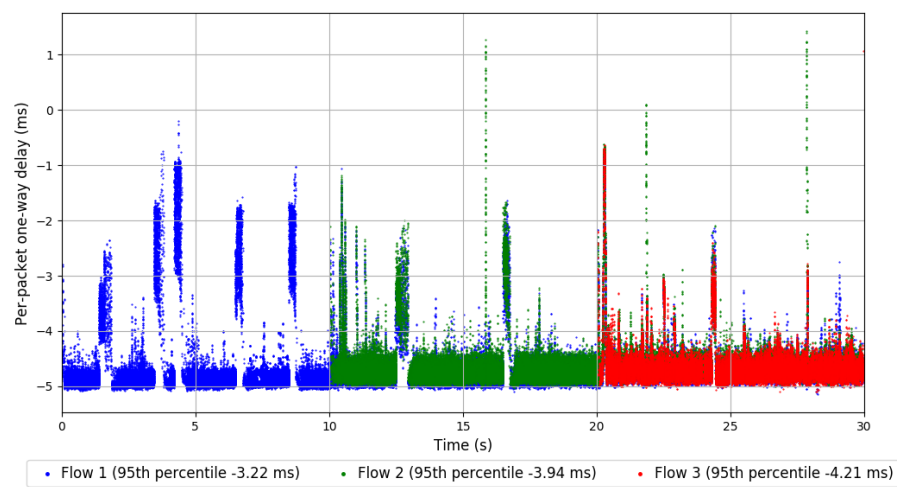
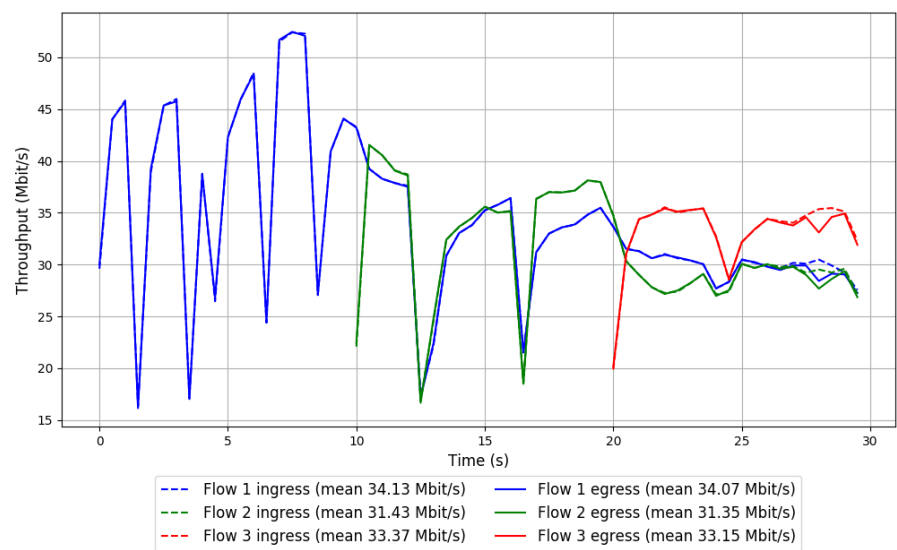


Run 8: Statistics of Copa

Start at: 2018-02-03 04:37:34
End at: 2018-02-03 04:38:05
Local clock offset: 0.747 ms
Remote clock offset: -20.345 ms

Below is generated by plot.py at 2018-02-03 06:22:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.95 Mbit/s
95th percentile per-packet one-way delay: -3.575 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 34.07 Mbit/s
95th percentile per-packet one-way delay: -3.221 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: -3.941 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 33.15 Mbit/s
95th percentile per-packet one-way delay: -4.205 ms
Loss rate: 0.60%

Run 8: Report of Copa — Data Link

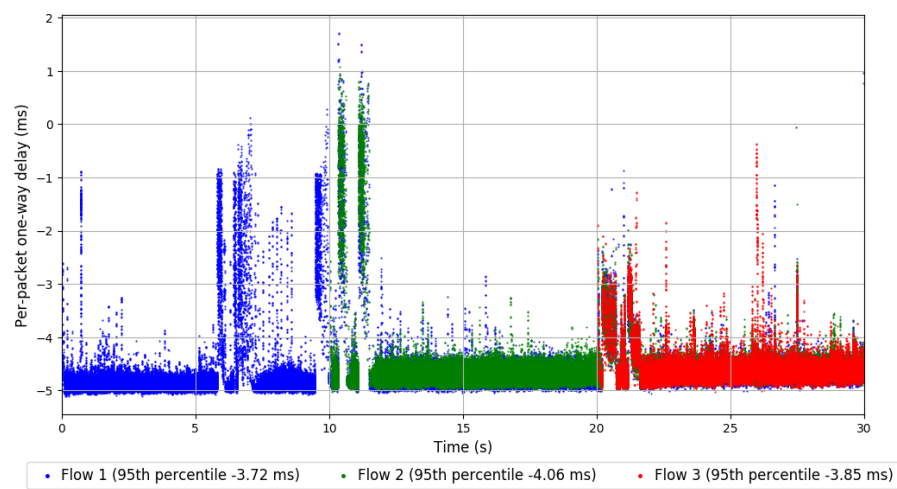
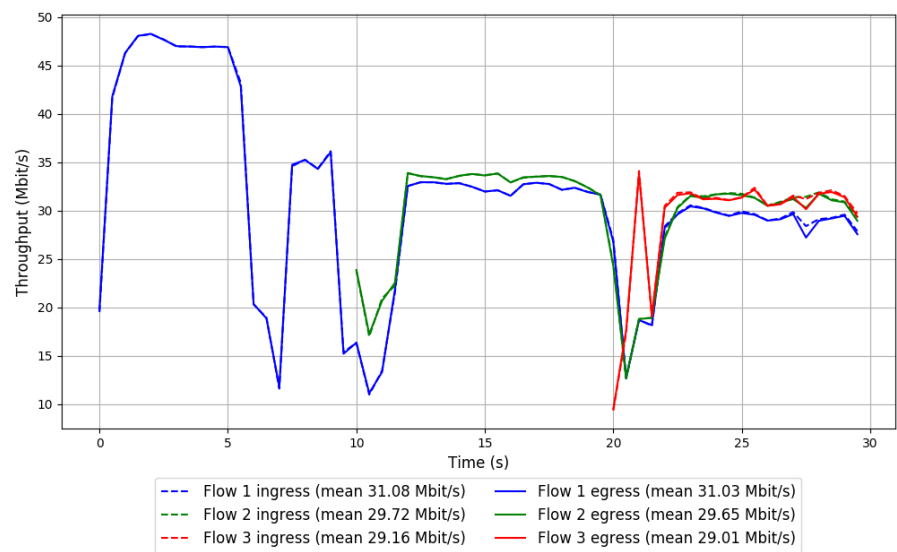


Run 9: Statistics of Copa

Start at: 2018-02-03 05:00:04
End at: 2018-02-03 05:00:34
Local clock offset: 0.575 ms
Remote clock offset: -22.198 ms

Below is generated by plot.py at 2018-02-03 06:23:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.40 Mbit/s
95th percentile per-packet one-way delay: -3.886 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 31.03 Mbit/s
95th percentile per-packet one-way delay: -3.719 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 29.65 Mbit/s
95th percentile per-packet one-way delay: -4.061 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 29.01 Mbit/s
95th percentile per-packet one-way delay: -3.852 ms
Loss rate: 0.47%

Run 9: Report of Copa — Data Link

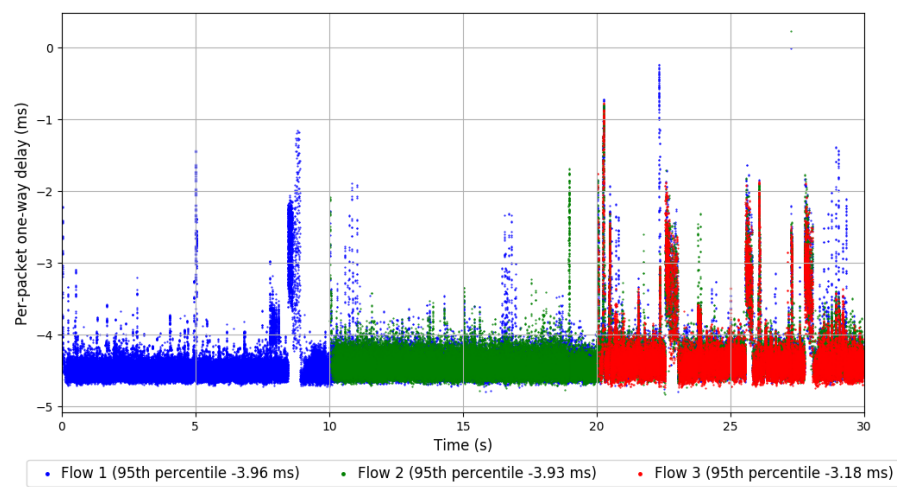
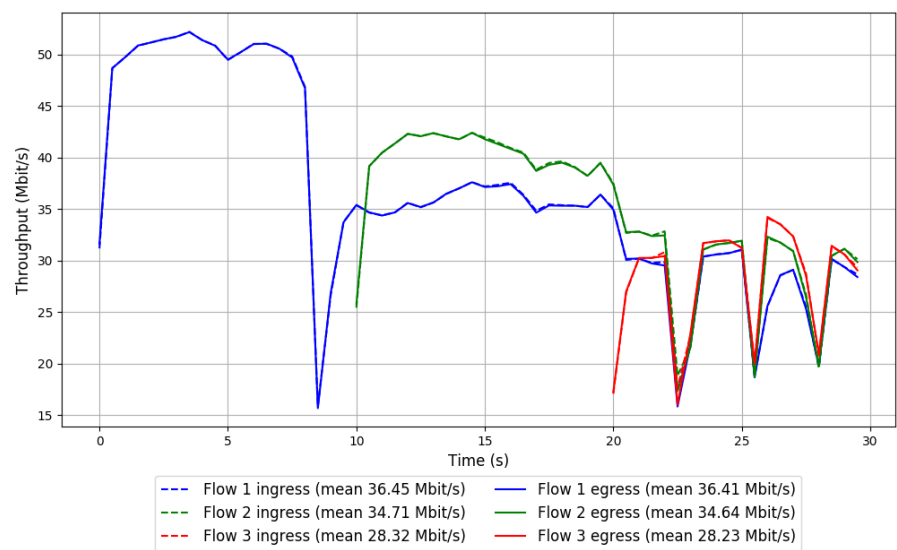


Run 10: Statistics of Copa

Start at: 2018-02-03 05:23:07
End at: 2018-02-03 05:23:37
Local clock offset: 0.855 ms
Remote clock offset: -23.03 ms

Below is generated by plot.py at 2018-02-03 06:23:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.85 Mbit/s
95th percentile per-packet one-way delay: -3.829 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 36.41 Mbit/s
95th percentile per-packet one-way delay: -3.960 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.64 Mbit/s
95th percentile per-packet one-way delay: -3.926 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: -3.179 ms
Loss rate: 0.32%

Run 10: Report of Copa — Data Link

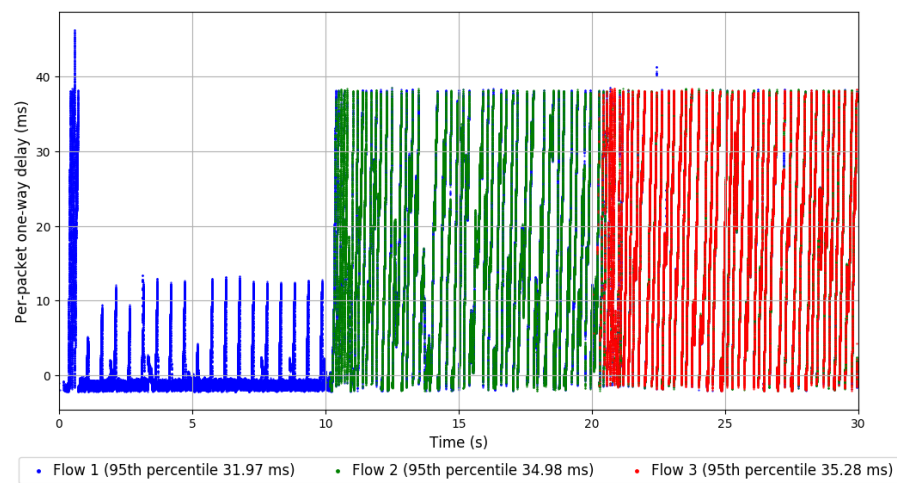
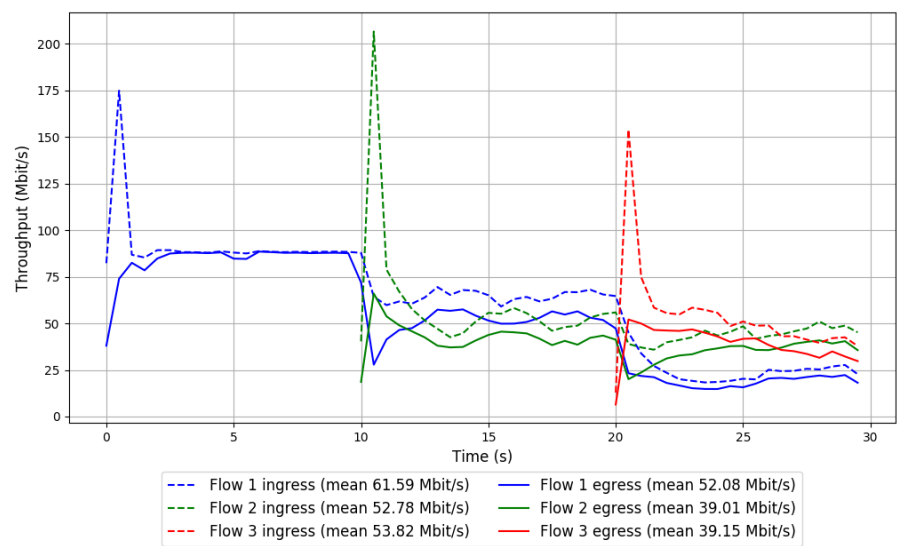


Run 1: Statistics of FillP

Start at: 2018-02-03 01:51:06
End at: 2018-02-03 01:51:36
Local clock offset: -4.546 ms
Remote clock offset: -18.893 ms

Below is generated by plot.py at 2018-02-03 06:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 33.796 ms
Loss rate: 20.55%
-- Flow 1:
Average throughput: 52.08 Mbit/s
95th percentile per-packet one-way delay: 31.967 ms
Loss rate: 15.44%
-- Flow 2:
Average throughput: 39.01 Mbit/s
95th percentile per-packet one-way delay: 34.982 ms
Loss rate: 26.09%
-- Flow 3:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 35.278 ms
Loss rate: 27.30%

Run 1: Report of FillP — Data Link

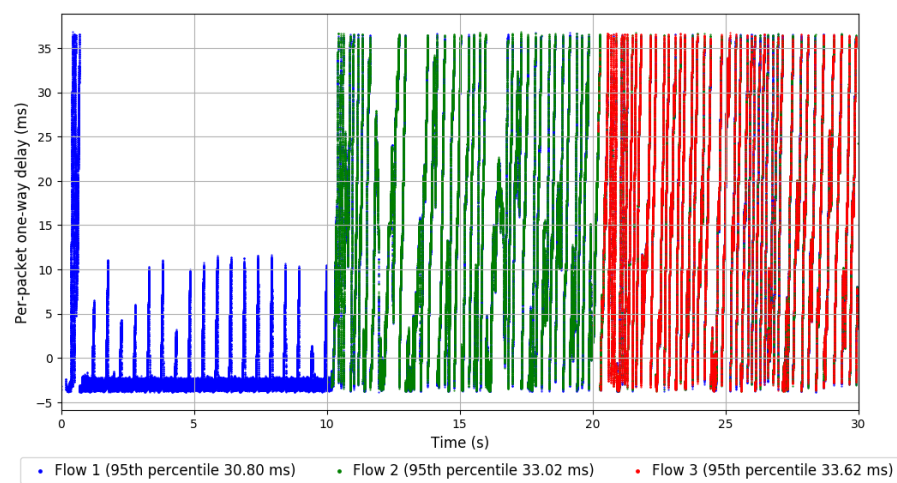
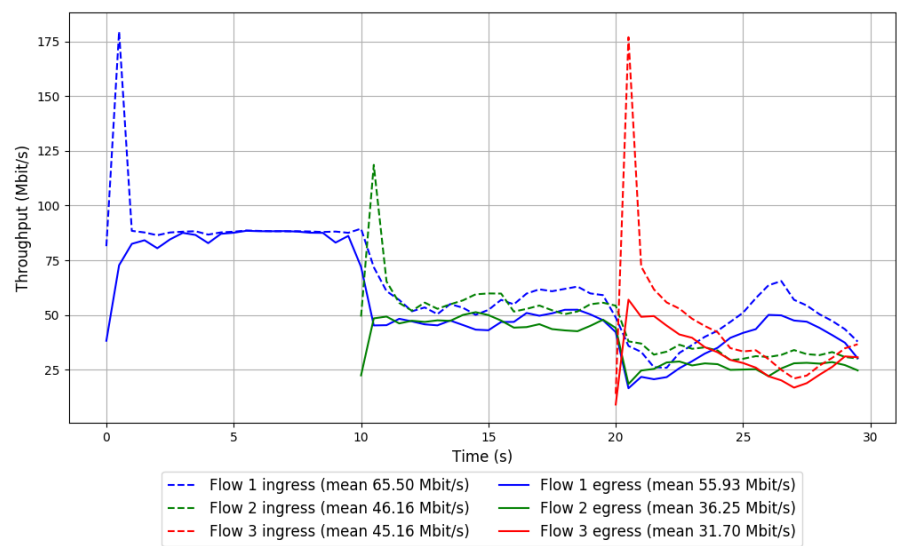


Run 2: Statistics of FillP

Start at: 2018-02-03 02:13:12
End at: 2018-02-03 02:13:42
Local clock offset: -3.53 ms
Remote clock offset: -20.734 ms

Below is generated by plot.py at 2018-02-03 06:24:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.56 Mbit/s
95th percentile per-packet one-way delay: 32.117 ms
Loss rate: 18.50%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 30.798 ms
Loss rate: 14.58%
-- Flow 2:
Average throughput: 36.25 Mbit/s
95th percentile per-packet one-way delay: 33.020 ms
Loss rate: 21.35%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 33.619 ms
Loss rate: 29.77%

Run 2: Report of FillP — Data Link

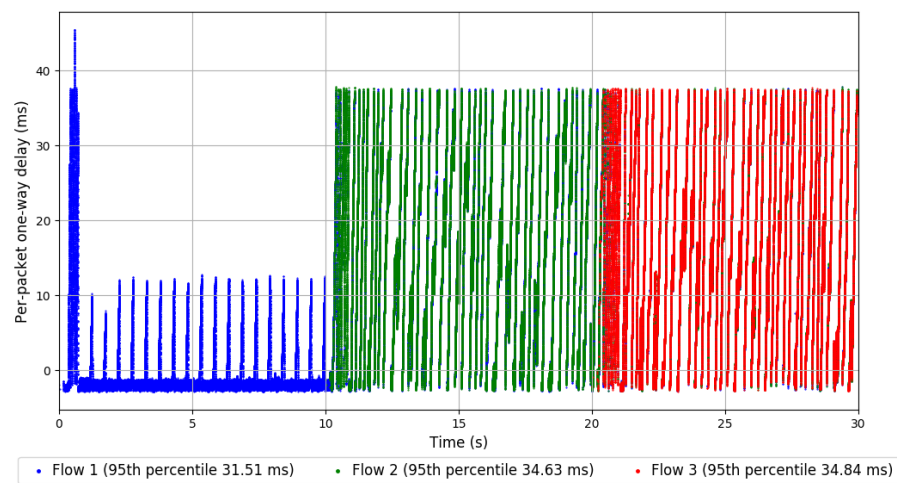
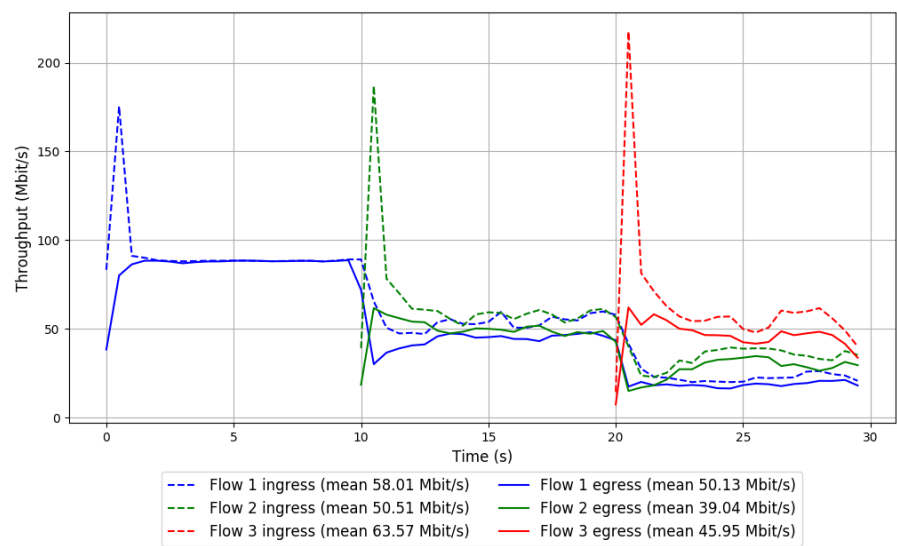


Run 3: Statistics of FillP

Start at: 2018-02-03 02:35:14
End at: 2018-02-03 02:35:44
Local clock offset: -3.402 ms
Remote clock offset: -20.069 ms

Below is generated by plot.py at 2018-02-03 06:25:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.34 Mbit/s
95th percentile per-packet one-way delay: 33.643 ms
Loss rate: 18.93%
-- Flow 1:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 31.510 ms
Loss rate: 13.57%
-- Flow 2:
Average throughput: 39.04 Mbit/s
95th percentile per-packet one-way delay: 34.630 ms
Loss rate: 22.69%
-- Flow 3:
Average throughput: 45.95 Mbit/s
95th percentile per-packet one-way delay: 34.844 ms
Loss rate: 27.69%

Run 3: Report of FillP — Data Link

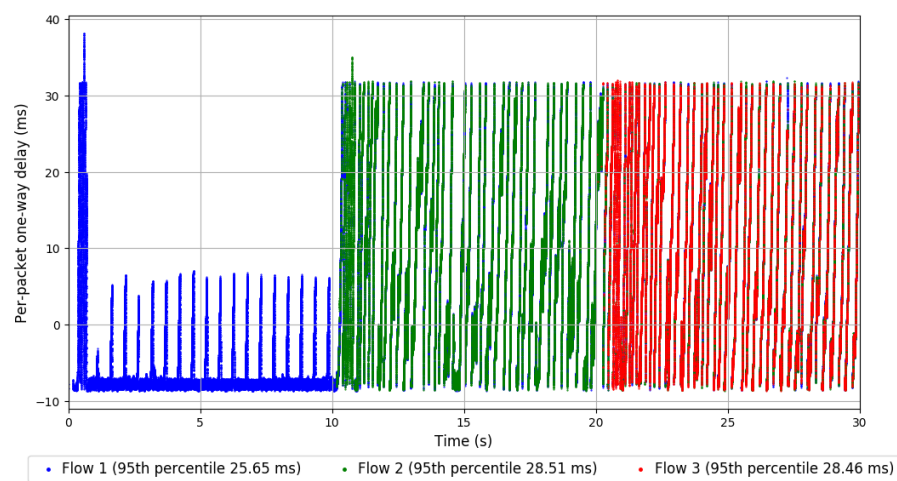
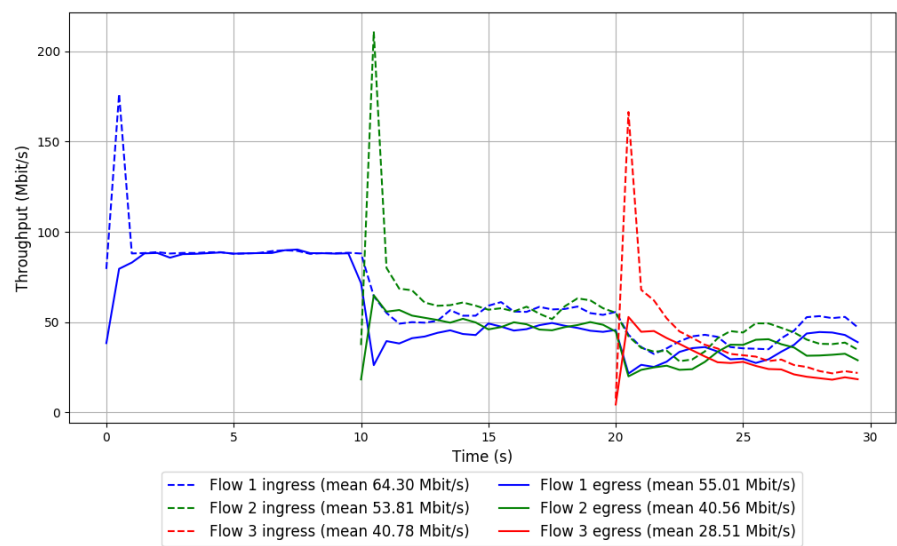


Run 4: Statistics of FillP

Start at: 2018-02-03 02:57:41
End at: 2018-02-03 02:58:11
Local clock offset: 3.212 ms
Remote clock offset: -19.142 ms

Below is generated by plot.py at 2018-02-03 06:25:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.45 Mbit/s
95th percentile per-packet one-way delay: 27.373 ms
Loss rate: 19.49%
-- Flow 1:
Average throughput: 55.01 Mbit/s
95th percentile per-packet one-way delay: 25.651 ms
Loss rate: 14.40%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 28.508 ms
Loss rate: 24.58%
-- Flow 3:
Average throughput: 28.51 Mbit/s
95th percentile per-packet one-way delay: 28.459 ms
Loss rate: 30.19%

Run 4: Report of FillP — Data Link

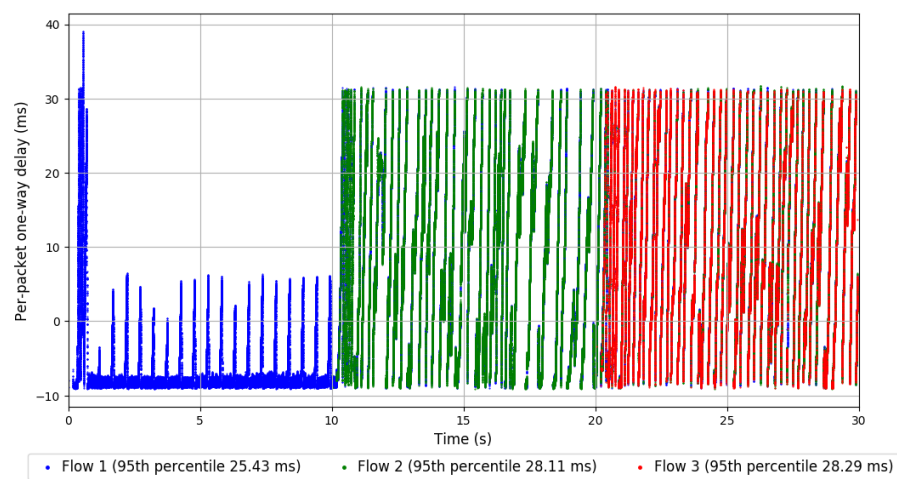
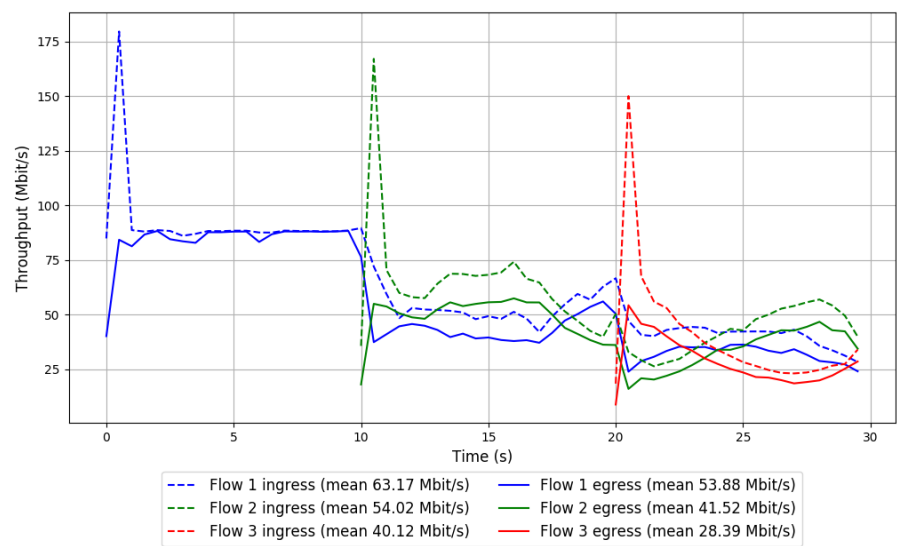


Run 5: Statistics of FillP

Start at: 2018-02-03 03:20:14
End at: 2018-02-03 03:20:44
Local clock offset: 2.166 ms
Remote clock offset: -20.669 ms

Below is generated by plot.py at 2018-02-03 06:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.93 Mbit/s
95th percentile per-packet one-way delay: 27.040 ms
Loss rate: 19.06%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 25.435 ms
Loss rate: 14.66%
-- Flow 2:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 28.107 ms
Loss rate: 23.09%
-- Flow 3:
Average throughput: 28.39 Mbit/s
95th percentile per-packet one-way delay: 28.288 ms
Loss rate: 29.08%

Run 5: Report of FillP — Data Link

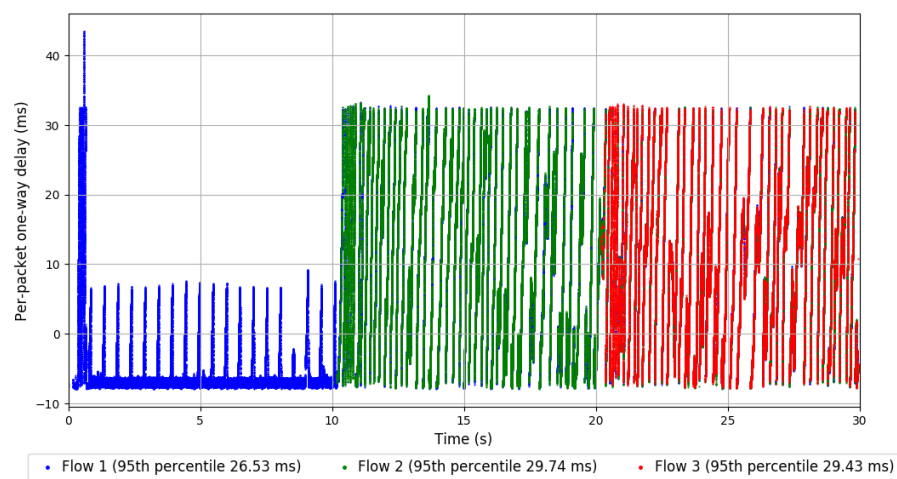
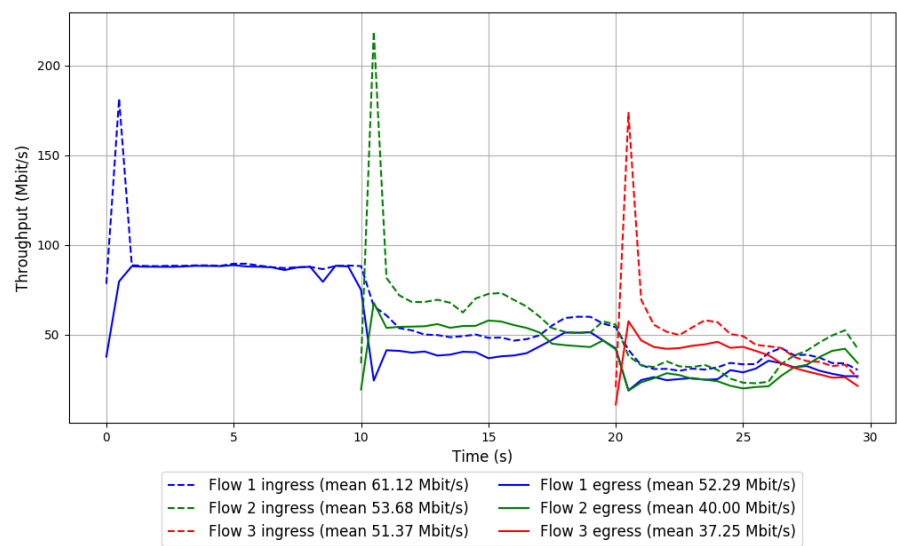


Run 6: Statistics of FillP

Start at: 2018-02-03 03:43:34
End at: 2018-02-03 03:44:04
Local clock offset: 0.748 ms
Remote clock offset: -21.227 ms

Below is generated by plot.py at 2018-02-03 06:25:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 28.466 ms
Loss rate: 19.84%
-- Flow 1:
Average throughput: 52.29 Mbit/s
95th percentile per-packet one-way delay: 26.532 ms
Loss rate: 14.45%
-- Flow 2:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 29.739 ms
Loss rate: 25.48%
-- Flow 3:
Average throughput: 37.25 Mbit/s
95th percentile per-packet one-way delay: 29.435 ms
Loss rate: 27.38%

Run 6: Report of FillP — Data Link

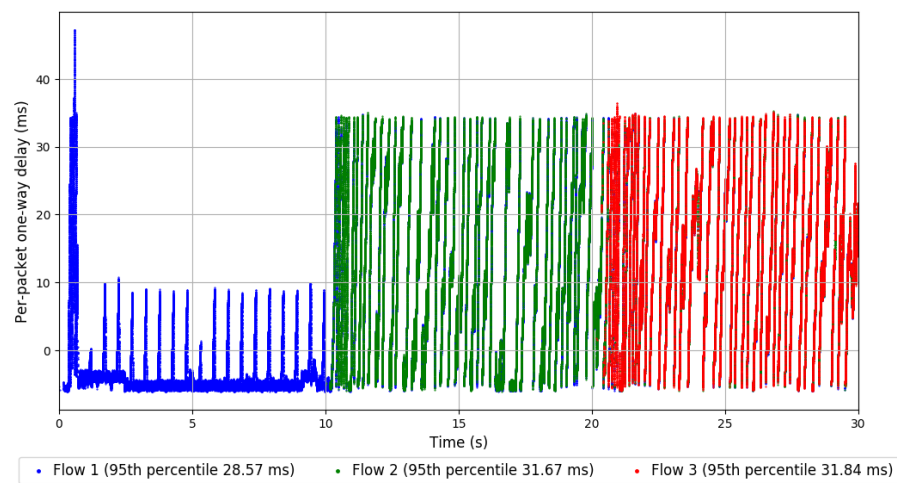
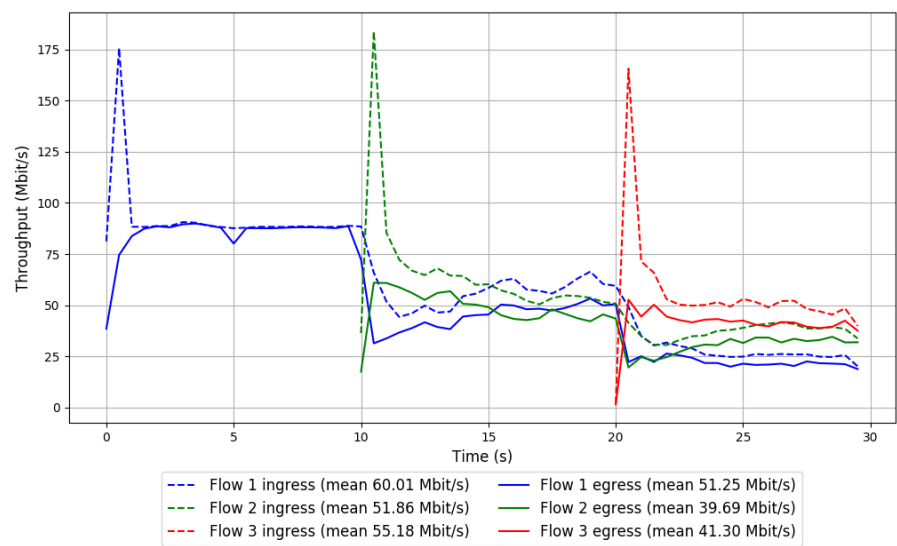


Run 7: Statistics of FillP

Start at: 2018-02-03 04:06:37
End at: 2018-02-03 04:07:07
Local clock offset: 1.54 ms
Remote clock offset: -18.312 ms

Below is generated by plot.py at 2018-02-03 06:26:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.18 Mbit/s
95th percentile per-packet one-way delay: 30.630 ms
Loss rate: 19.11%
-- Flow 1:
Average throughput: 51.25 Mbit/s
95th percentile per-packet one-way delay: 28.566 ms
Loss rate: 14.52%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 31.666 ms
Loss rate: 23.37%
-- Flow 3:
Average throughput: 41.30 Mbit/s
95th percentile per-packet one-way delay: 31.843 ms
Loss rate: 26.14%

Run 7: Report of FillP — Data Link

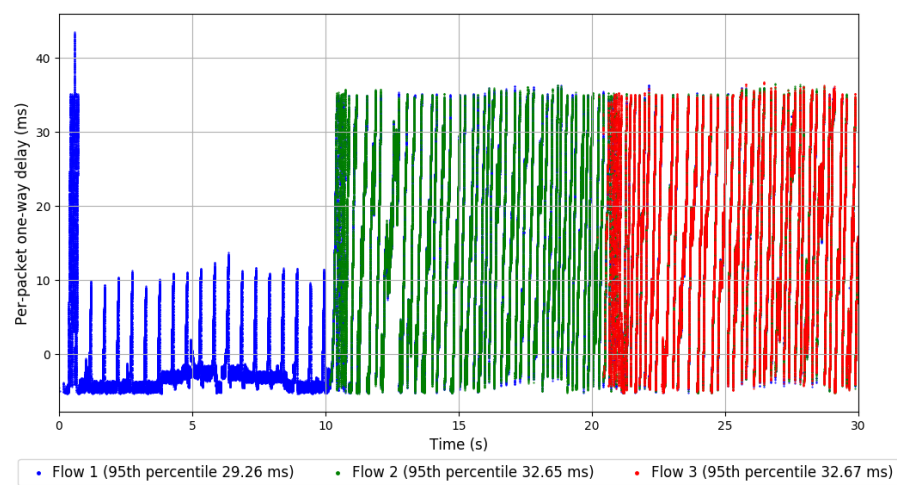
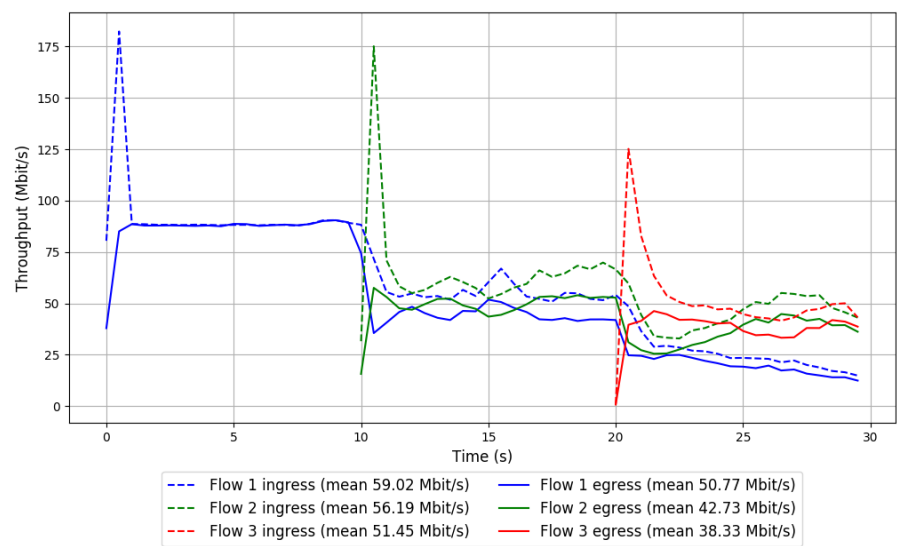


Run 8: Statistics of FillP

Start at: 2018-02-03 04:28:58
End at: 2018-02-03 04:29:28
Local clock offset: 0.592 ms
Remote clock offset: -19.945 ms

Below is generated by plot.py at 2018-02-03 06:26:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 31.506 ms
Loss rate: 19.10%
-- Flow 1:
Average throughput: 50.77 Mbit/s
95th percentile per-packet one-way delay: 29.264 ms
Loss rate: 13.89%
-- Flow 2:
Average throughput: 42.73 Mbit/s
95th percentile per-packet one-way delay: 32.649 ms
Loss rate: 23.89%
-- Flow 3:
Average throughput: 38.33 Mbit/s
95th percentile per-packet one-way delay: 32.666 ms
Loss rate: 26.64%

Run 8: Report of FillP — Data Link

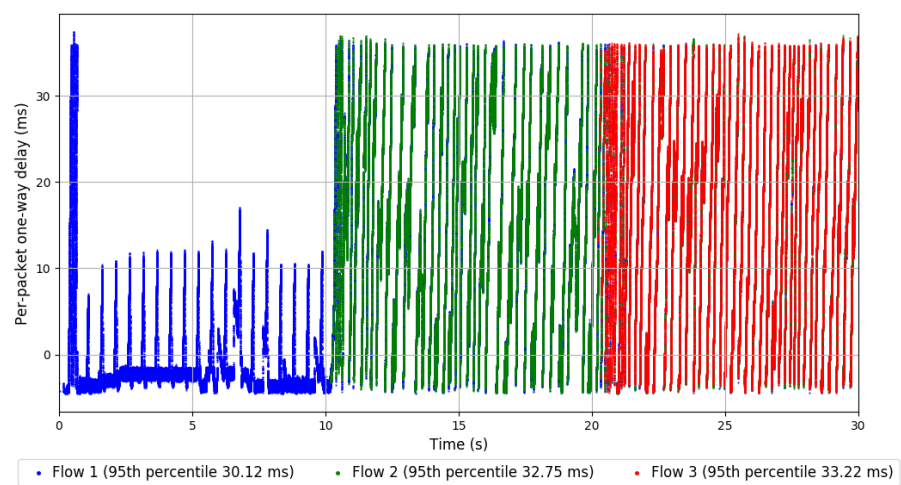
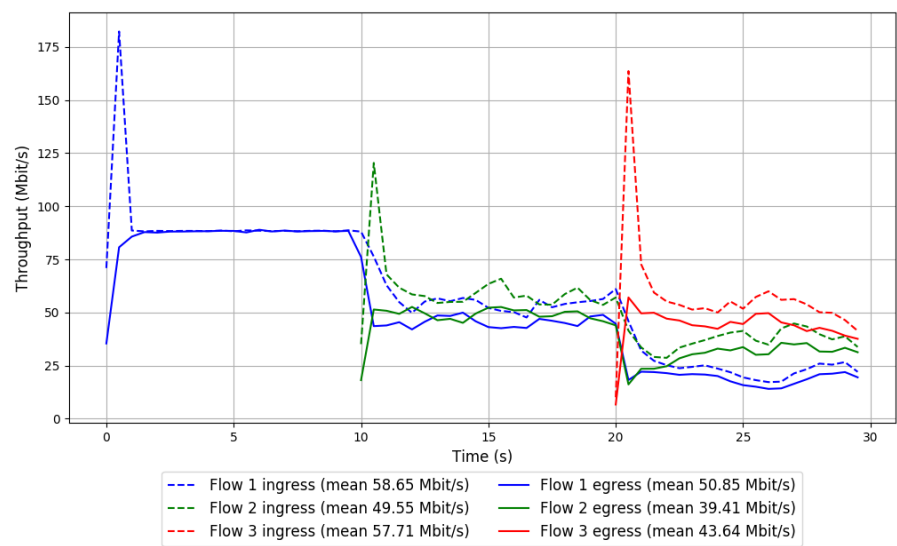


Run 9: Statistics of FillP

Start at: 2018-02-03 04:51:01
End at: 2018-02-03 04:51:31
Local clock offset: 1.025 ms
Remote clock offset: -19.641 ms

Below is generated by plot.py at 2018-02-03 06:27:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.54 Mbit/s
95th percentile per-packet one-way delay: 31.852 ms
Loss rate: 17.29%
-- Flow 1:
Average throughput: 50.85 Mbit/s
95th percentile per-packet one-way delay: 30.124 ms
Loss rate: 13.25%
-- Flow 2:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 32.746 ms
Loss rate: 20.39%
-- Flow 3:
Average throughput: 43.64 Mbit/s
95th percentile per-packet one-way delay: 33.220 ms
Loss rate: 24.34%

Run 9: Report of FillP — Data Link

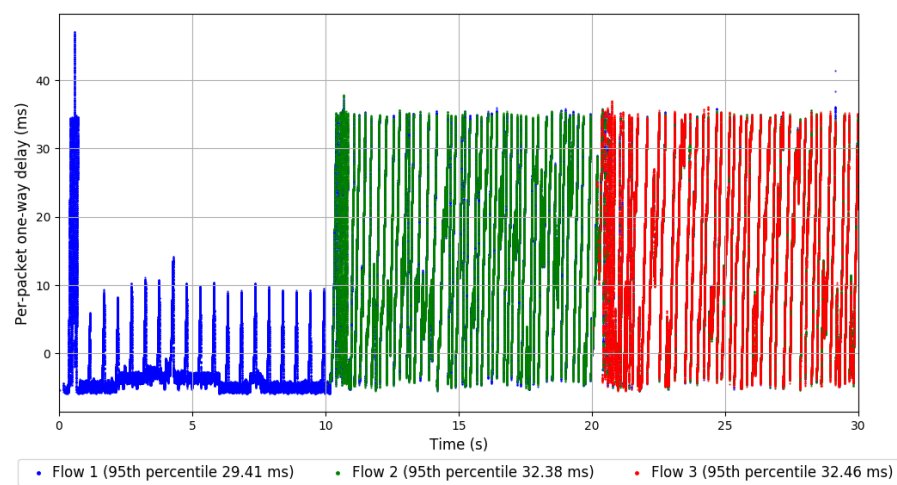
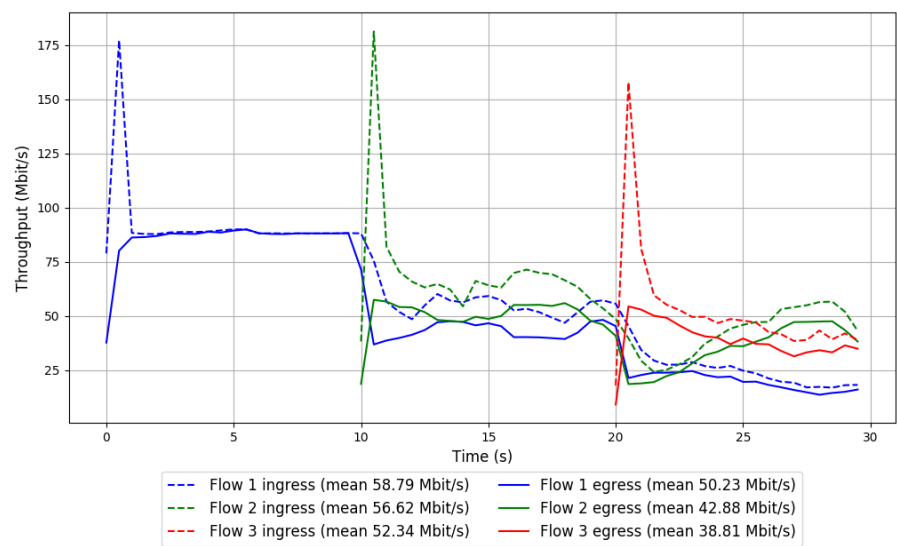


Run 10: Statistics of FillP

Start at: 2018-02-03 05:14:18
End at: 2018-02-03 05:14:48
Local clock offset: 1.38 ms
Remote clock offset: -23.478 ms

Below is generated by plot.py at 2018-02-03 06:27:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.69 Mbit/s
95th percentile per-packet one-way delay: 31.504 ms
Loss rate: 19.37%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 29.405 ms
Loss rate: 14.47%
-- Flow 2:
Average throughput: 42.88 Mbit/s
95th percentile per-packet one-way delay: 32.382 ms
Loss rate: 24.15%
-- Flow 3:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 32.460 ms
Loss rate: 25.62%

Run 10: Report of FillP — Data Link

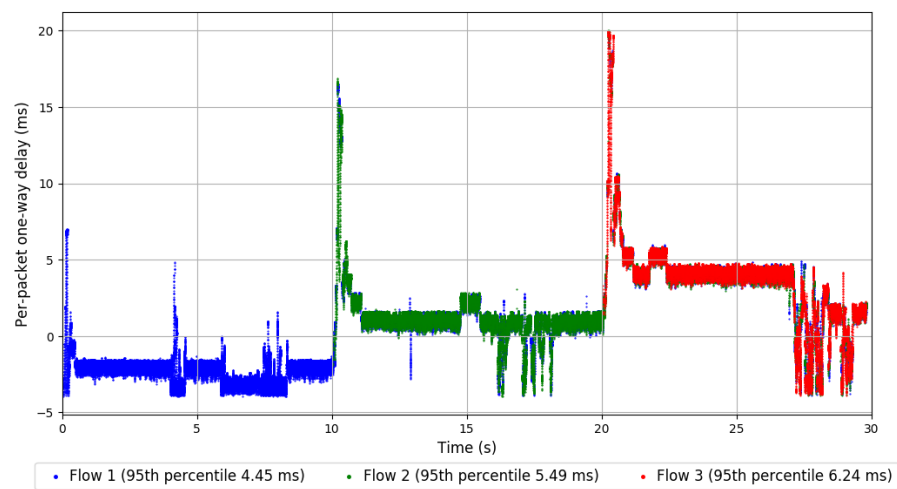
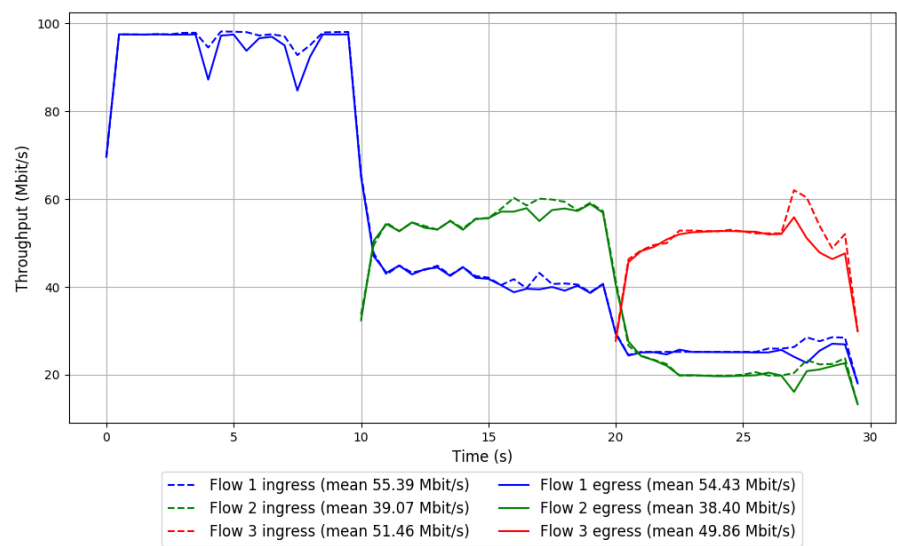


Run 1: Statistics of Indigo-1-32

Start at: 2018-02-03 01:53:40
End at: 2018-02-03 01:54:10
Local clock offset: -3.057 ms
Remote clock offset: -19.64 ms

Below is generated by plot.py at 2018-02-03 06:27:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 5.397 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 54.43 Mbit/s
95th percentile per-packet one-way delay: 4.450 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 38.40 Mbit/s
95th percentile per-packet one-way delay: 5.488 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 6.243 ms
Loss rate: 3.10%

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

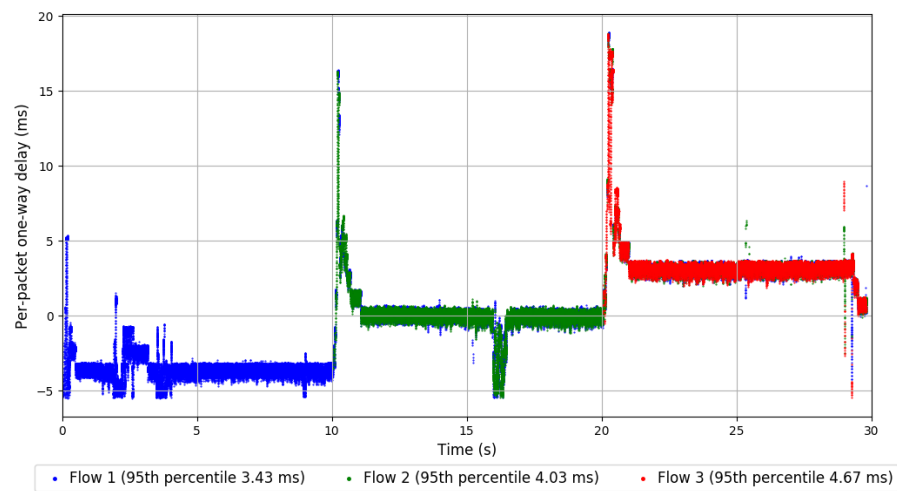
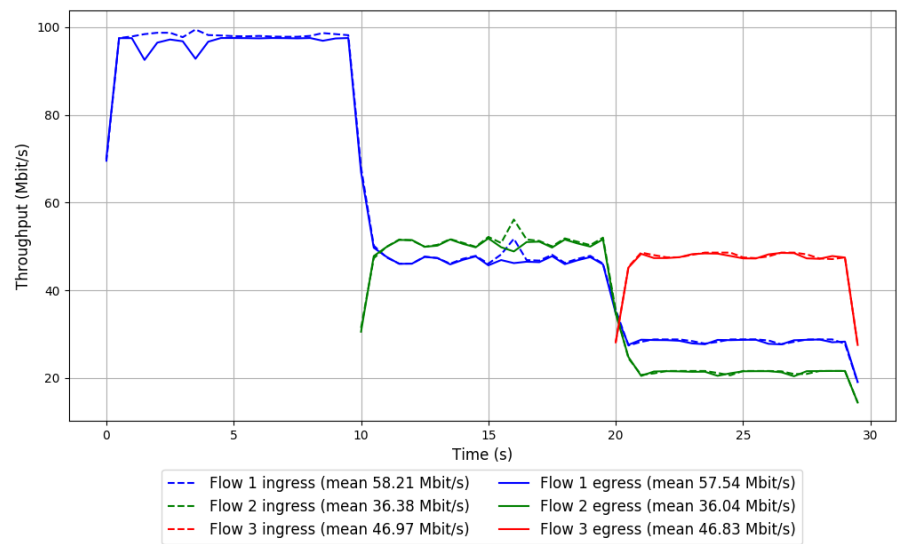


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-03 02:15:40
End at: 2018-02-03 02:16:10
Local clock offset: -1.006 ms
Remote clock offset: -20.254 ms

Below is generated by plot.py at 2018-02-03 06:27:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 3.609 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 57.54 Mbit/s
95th percentile per-packet one-way delay: 3.434 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 36.04 Mbit/s
95th percentile per-packet one-way delay: 4.025 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 4.671 ms
Loss rate: 0.30%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-03 02:37:47

End at: 2018-02-03 02:38:17

Local clock offset: -1.09 ms

Remote clock offset: -20.418 ms

Below is generated by plot.py at 2018-02-03 06:27:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 4.548 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 48.85 Mbit/s

95th percentile per-packet one-way delay: 3.027 ms

Loss rate: 0.41%

-- Flow 2:

Average throughput: 44.47 Mbit/s

95th percentile per-packet one-way delay: 4.871 ms

Loss rate: 0.18%

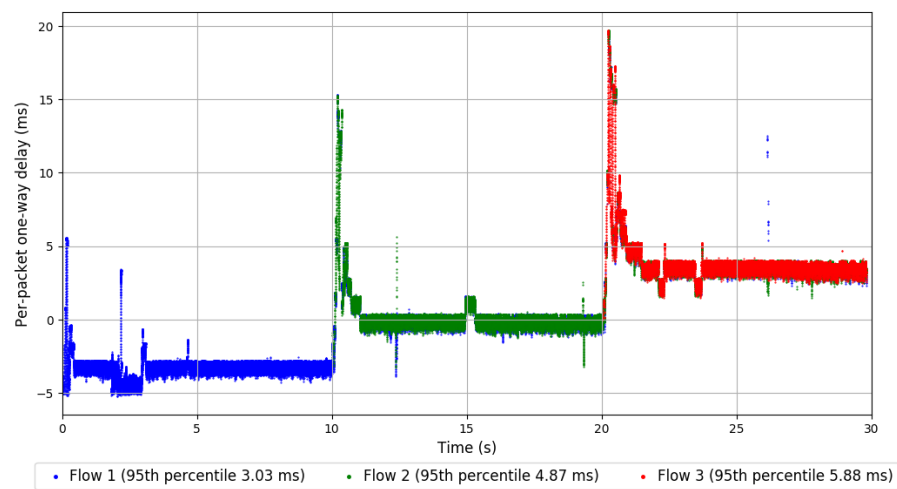
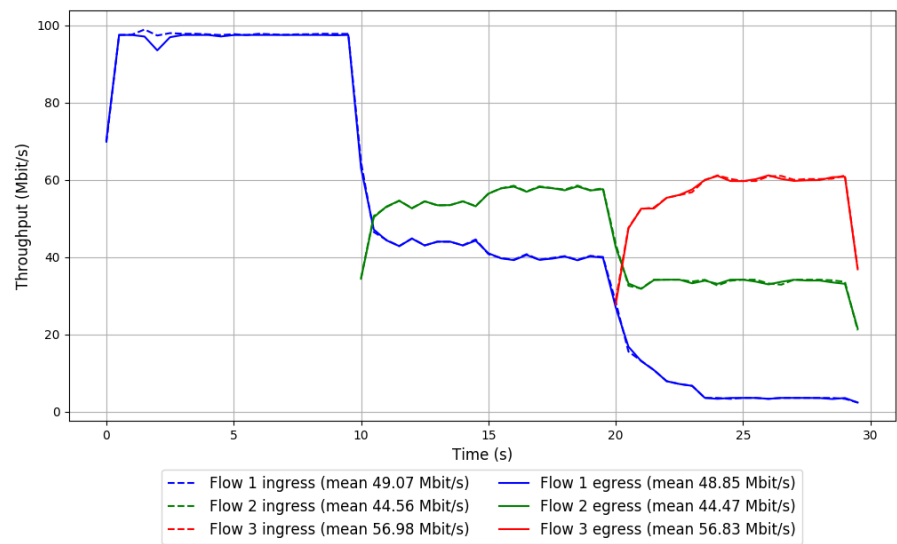
-- Flow 3:

Average throughput: 56.83 Mbit/s

95th percentile per-packet one-way delay: 5.885 ms

Loss rate: 0.23%

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

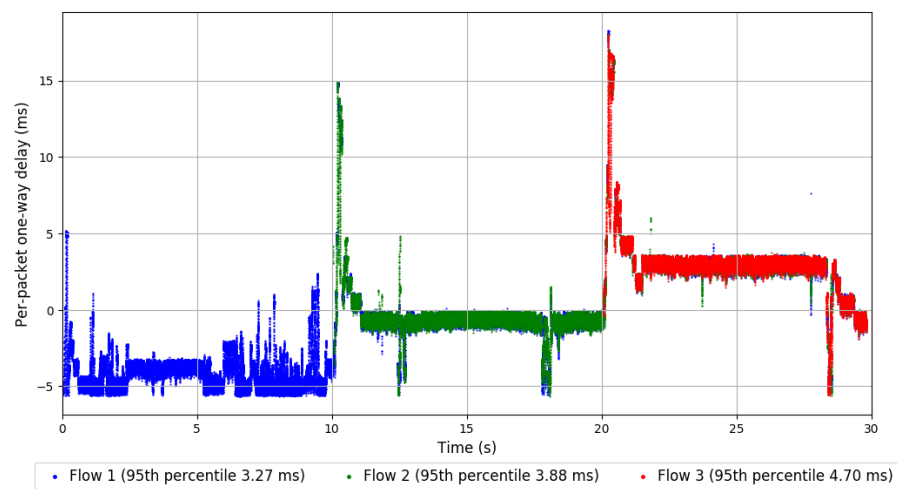
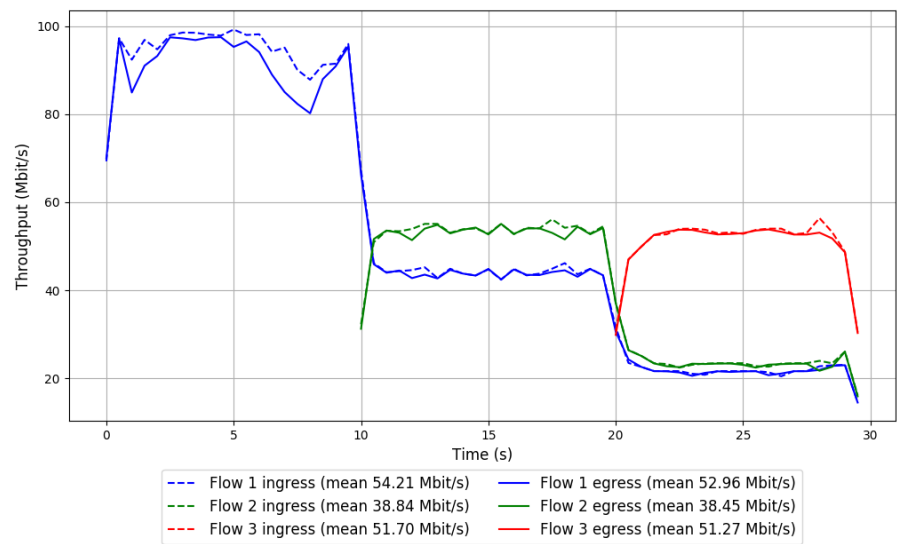


Run 4: Statistics of Indigo-1-32

Start at: 2018-02-03 03:00:19
End at: 2018-02-03 03:00:49
Local clock offset: 0.49 ms
Remote clock offset: -18.955 ms

Below is generated by plot.py at 2018-02-03 06:27:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 3.489 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 3.272 ms
Loss rate: 2.28%
-- Flow 2:
Average throughput: 38.45 Mbit/s
95th percentile per-packet one-way delay: 3.882 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 51.27 Mbit/s
95th percentile per-packet one-way delay: 4.696 ms
Loss rate: 0.83%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-03 03:22:53

End at: 2018-02-03 03:23:23

Local clock offset: -1.767 ms

Remote clock offset: -20.197 ms

Below is generated by plot.py at 2018-02-03 06:27:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.82 Mbit/s

95th percentile per-packet one-way delay: 3.638 ms

Loss rate: 2.49%

-- Flow 1:

Average throughput: 53.20 Mbit/s

95th percentile per-packet one-way delay: 1.605 ms

Loss rate: 3.23%

-- Flow 2:

Average throughput: 42.18 Mbit/s

95th percentile per-packet one-way delay: 4.486 ms

Loss rate: 1.71%

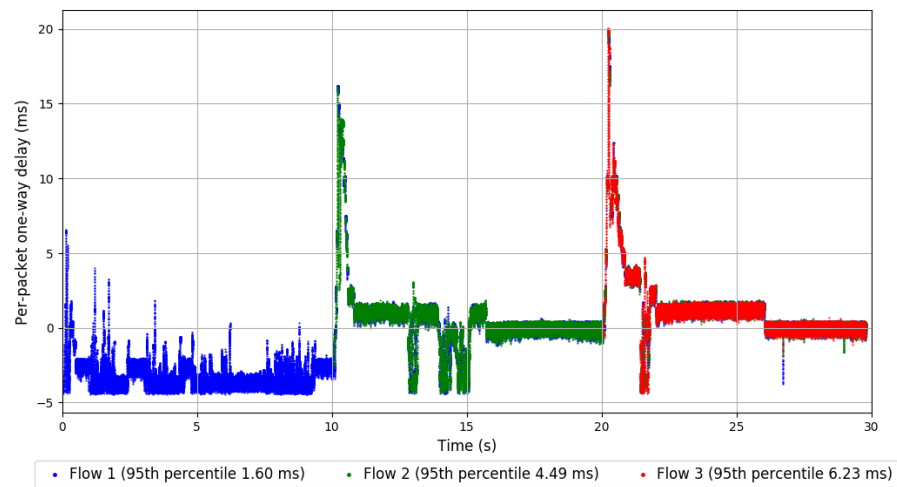
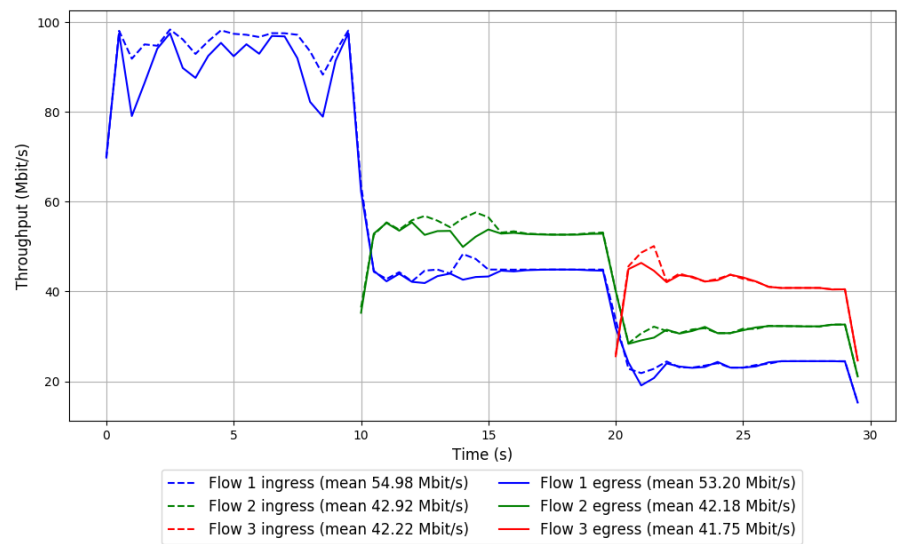
-- Flow 3:

Average throughput: 41.75 Mbit/s

95th percentile per-packet one-way delay: 6.227 ms

Loss rate: 1.12%

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

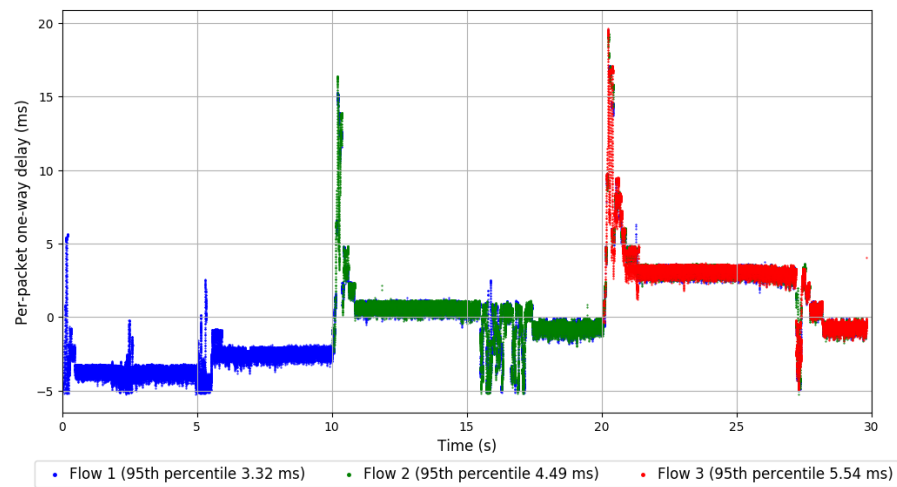
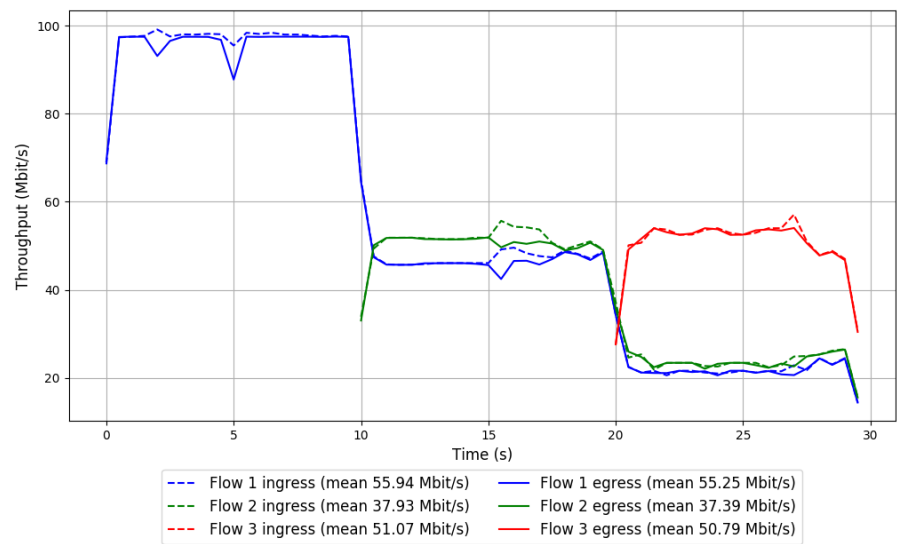


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-03 03:46:15
End at: 2018-02-03 03:46:45
Local clock offset: -0.094 ms
Remote clock offset: -19.641 ms

Below is generated by plot.py at 2018-02-03 06:27:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 3.540 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 55.25 Mbit/s
95th percentile per-packet one-way delay: 3.319 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 37.39 Mbit/s
95th percentile per-packet one-way delay: 4.493 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 50.79 Mbit/s
95th percentile per-packet one-way delay: 5.538 ms
Loss rate: 0.52%

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

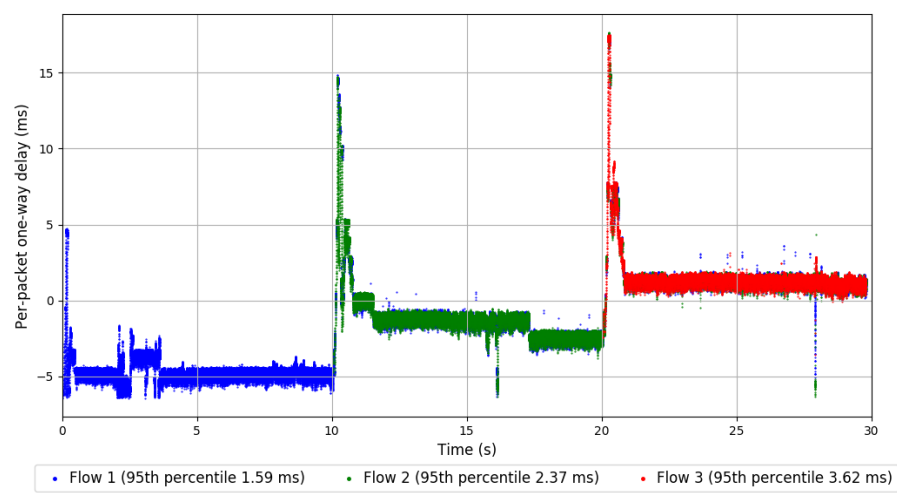
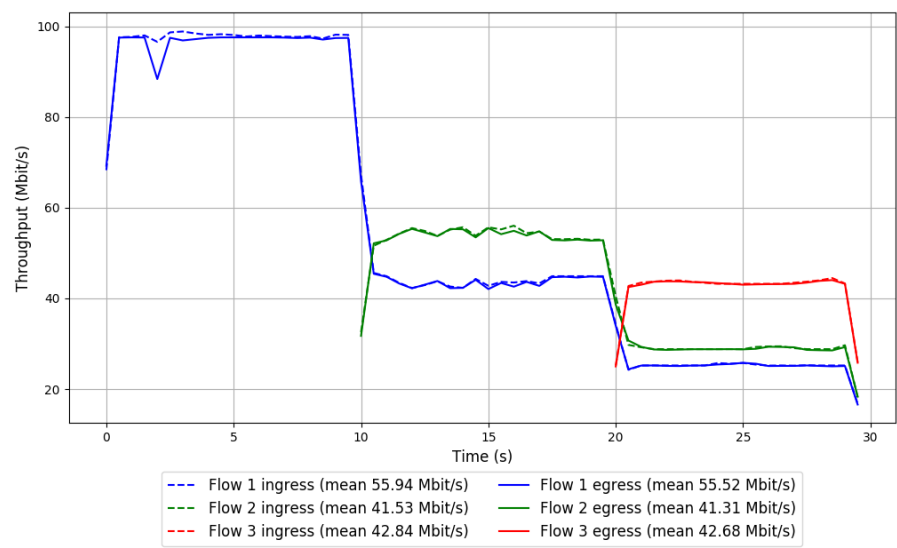


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-03 04:09:07
End at: 2018-02-03 04:09:37
Local clock offset: 1.414 ms
Remote clock offset: -19.107 ms

Below is generated by plot.py at 2018-02-03 06:28:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 1.679 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 1.592 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 41.31 Mbit/s
95th percentile per-packet one-way delay: 2.368 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 42.68 Mbit/s
95th percentile per-packet one-way delay: 3.618 ms
Loss rate: 0.33%

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

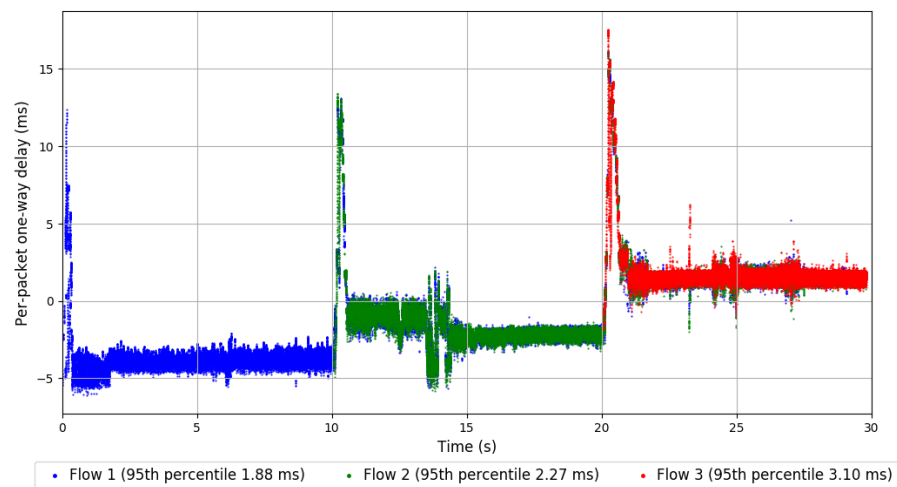
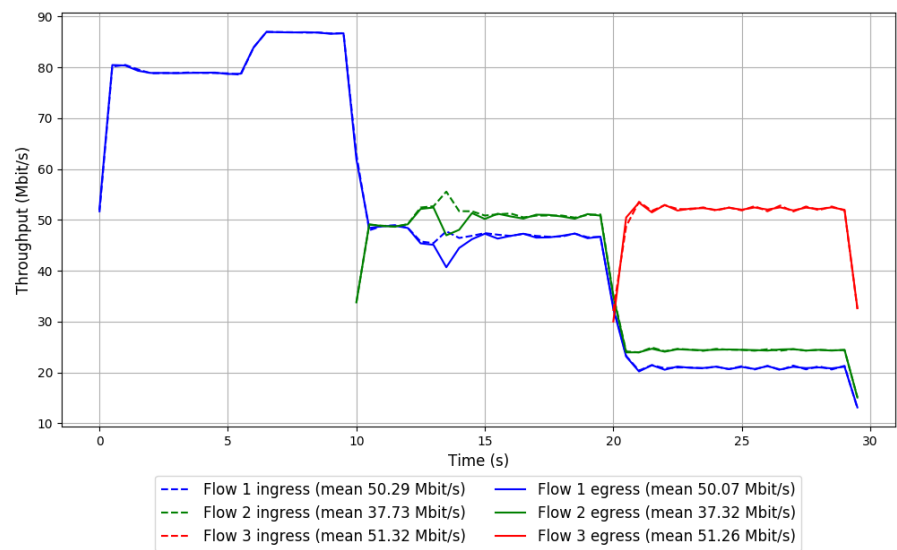


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-03 04:31:29
End at: 2018-02-03 04:31:59
Local clock offset: 2.49 ms
Remote clock offset: -19.443 ms

Below is generated by plot.py at 2018-02-03 06:28:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.62 Mbit/s
95th percentile per-packet one-way delay: 2.160 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 50.07 Mbit/s
95th percentile per-packet one-way delay: 1.883 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 37.32 Mbit/s
95th percentile per-packet one-way delay: 2.270 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 51.26 Mbit/s
95th percentile per-packet one-way delay: 3.103 ms
Loss rate: 0.09%

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

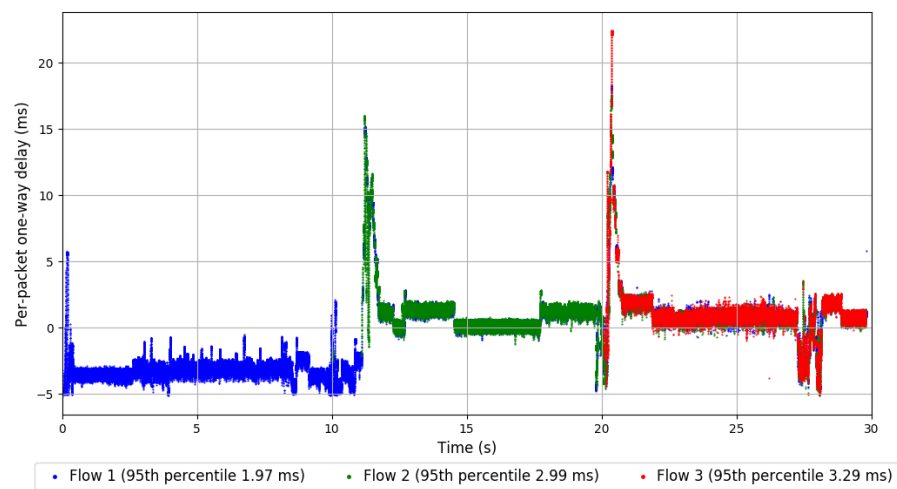
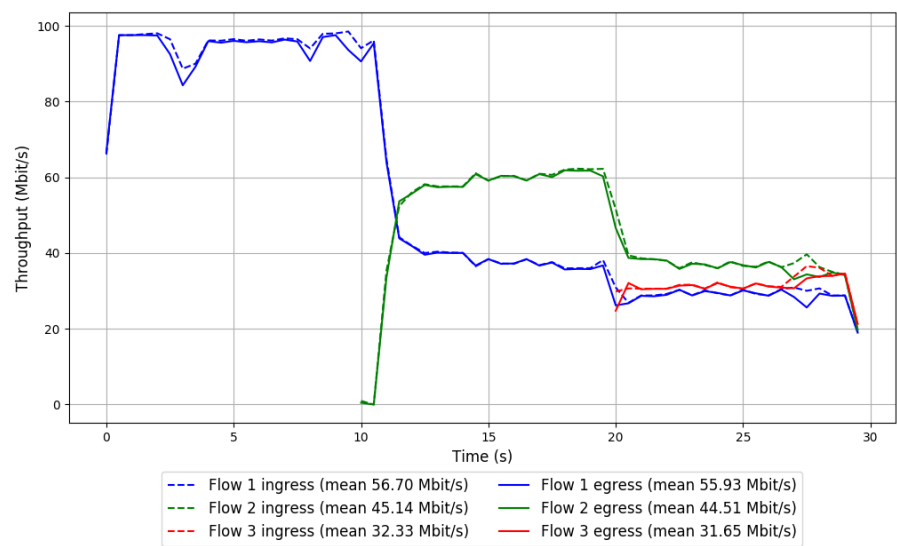


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-03 04:53:43
End at: 2018-02-03 04:54:13
Local clock offset: 1.155 ms
Remote clock offset: -20.43 ms

Below is generated by plot.py at 2018-02-03 06:28:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 2.289 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 1.968 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 44.51 Mbit/s
95th percentile per-packet one-way delay: 2.993 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 3.291 ms
Loss rate: 2.07%

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

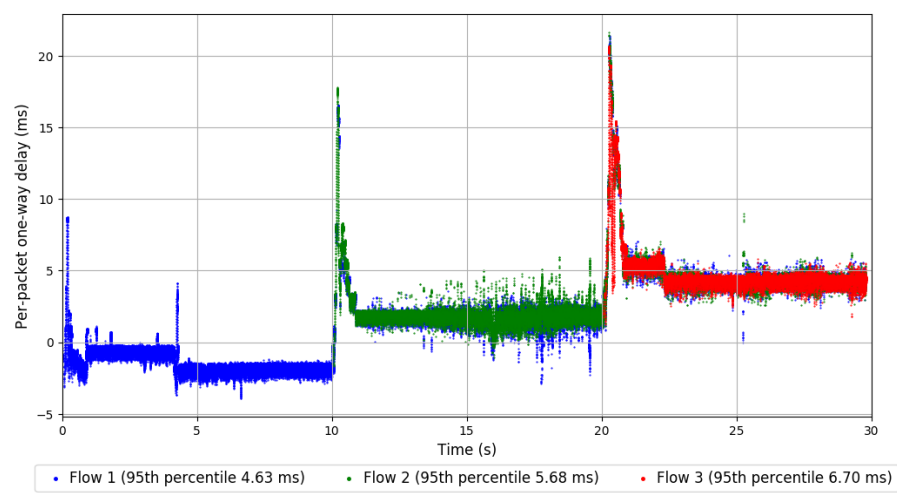
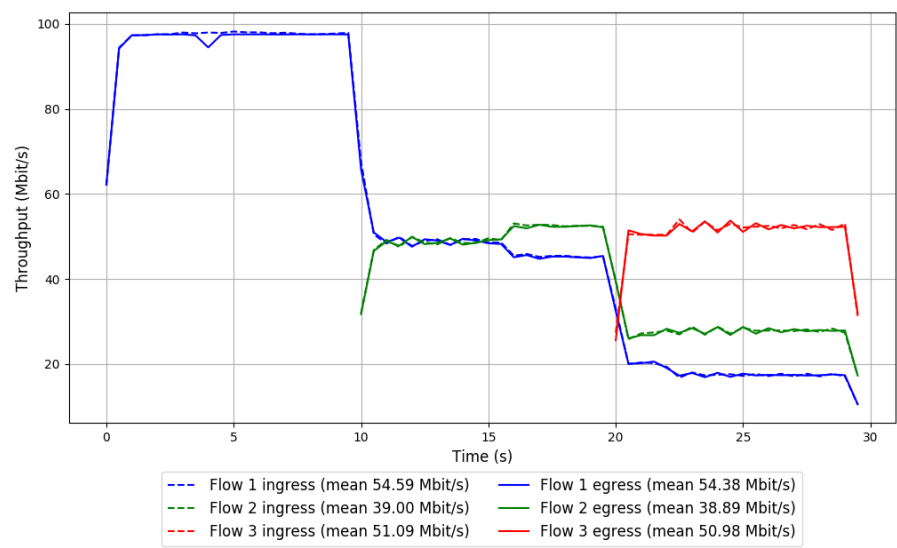


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-03 05:16:50
End at: 2018-02-03 05:17:20
Local clock offset: 0.696 ms
Remote clock offset: -23.126 ms

Below is generated by plot.py at 2018-02-03 06:28:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 5.564 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 54.38 Mbit/s
95th percentile per-packet one-way delay: 4.630 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 38.89 Mbit/s
95th percentile per-packet one-way delay: 5.682 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 50.98 Mbit/s
95th percentile per-packet one-way delay: 6.699 ms
Loss rate: 0.20%

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

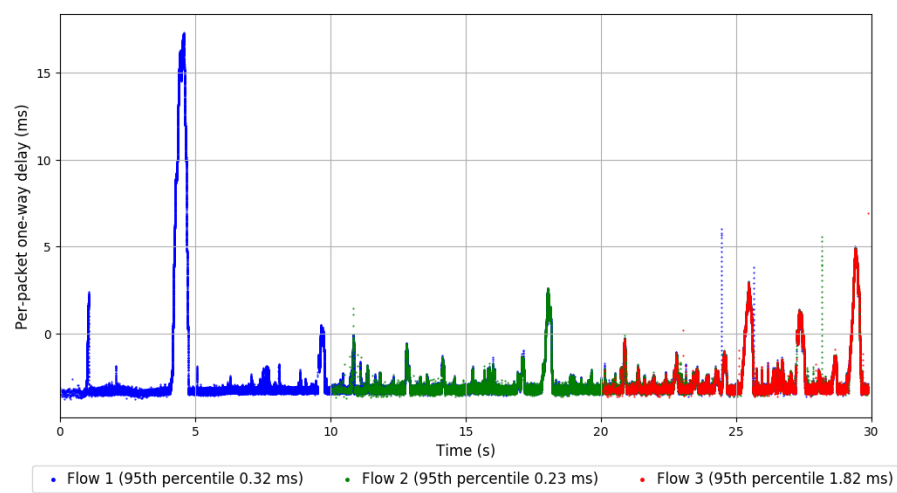
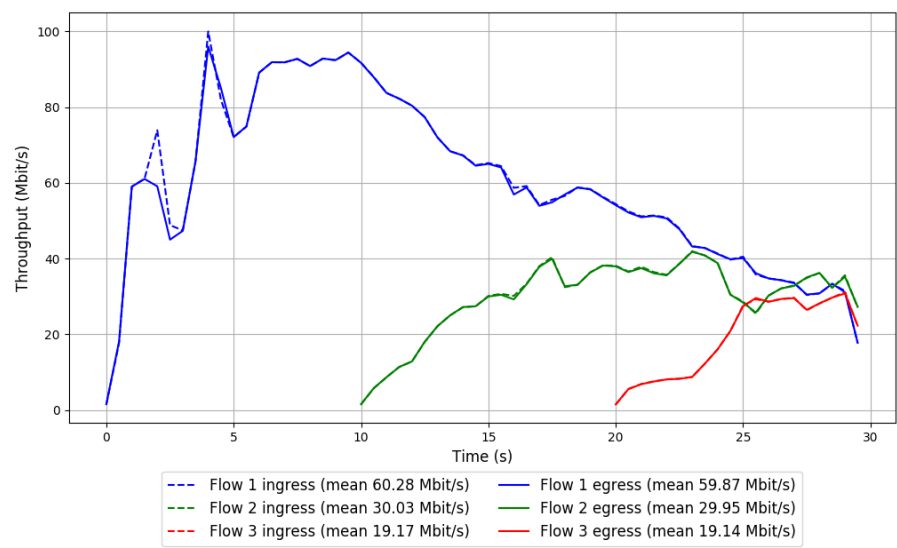


Run 1: Statistics of Vivace-latency

Start at: 2018-02-03 01:52:24
End at: 2018-02-03 01:52:54
Local clock offset: -4.462 ms
Remote clock offset: -20.495 ms

Below is generated by plot.py at 2018-02-03 06:28:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 0.666 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 59.87 Mbit/s
95th percentile per-packet one-way delay: 0.320 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 29.95 Mbit/s
95th percentile per-packet one-way delay: 0.226 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 19.14 Mbit/s
95th percentile per-packet one-way delay: 1.818 ms
Loss rate: 0.06%

Run 1: Report of Vivace-latency — Data Link

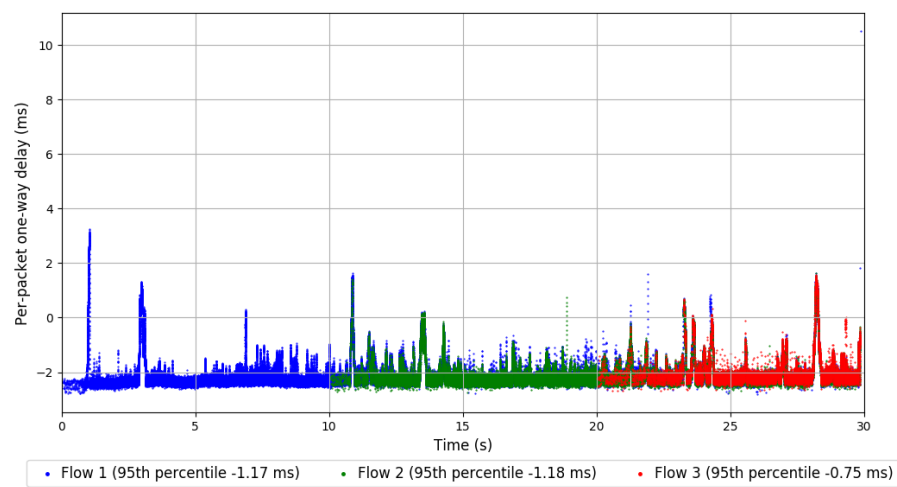
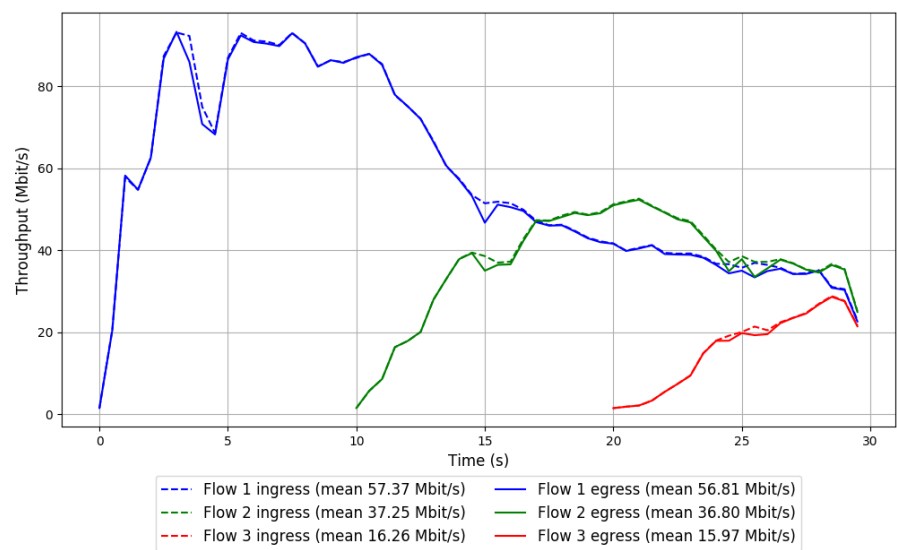


Run 2: Statistics of Vivace-latency

Start at: 2018-02-03 02:14:27
End at: 2018-02-03 02:14:57
Local clock offset: -2.249 ms
Remote clock offset: -18.462 ms

Below is generated by plot.py at 2018-02-03 06:28:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: -1.135 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 56.81 Mbit/s
95th percentile per-packet one-way delay: -1.168 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 36.80 Mbit/s
95th percentile per-packet one-way delay: -1.176 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: -0.753 ms
Loss rate: 1.83%

Run 2: Report of Vivace-latency — Data Link

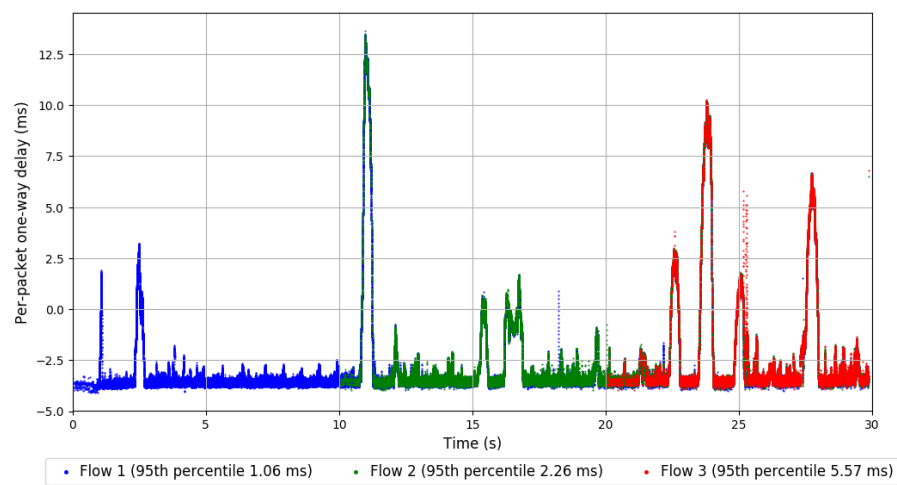
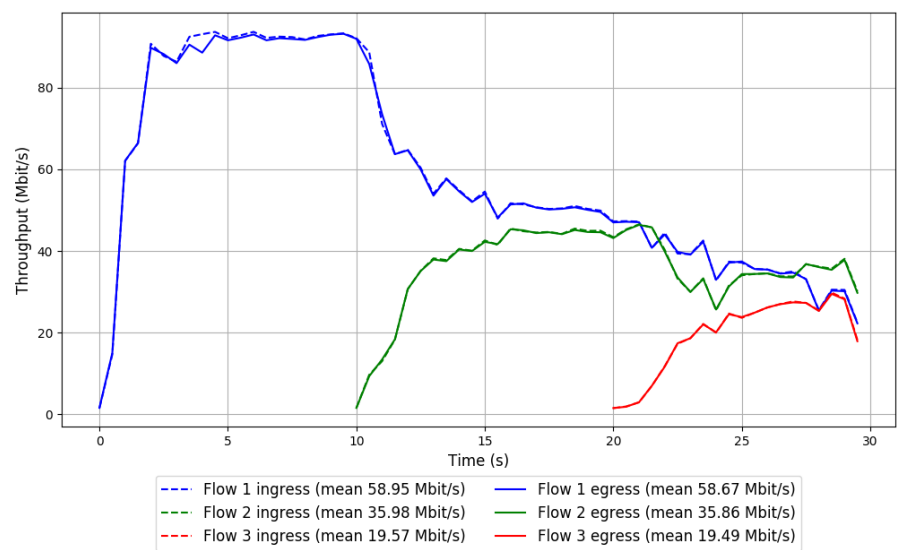


Run 3: Statistics of Vivace-latency

Start at: 2018-02-03 02:36:31
End at: 2018-02-03 02:37:01
Local clock offset: -1.905 ms
Remote clock offset: -19.851 ms

Below is generated by plot.py at 2018-02-03 06:29:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.93 Mbit/s
95th percentile per-packet one-way delay: 1.916 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 1.056 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 35.86 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 19.49 Mbit/s
95th percentile per-packet one-way delay: 5.572 ms
Loss rate: 0.30%

Run 3: Report of Vivace-latency — Data Link

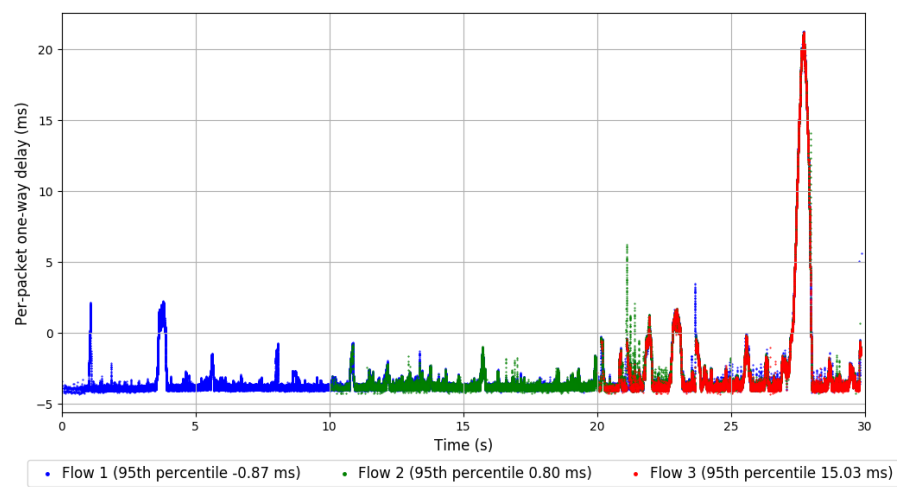
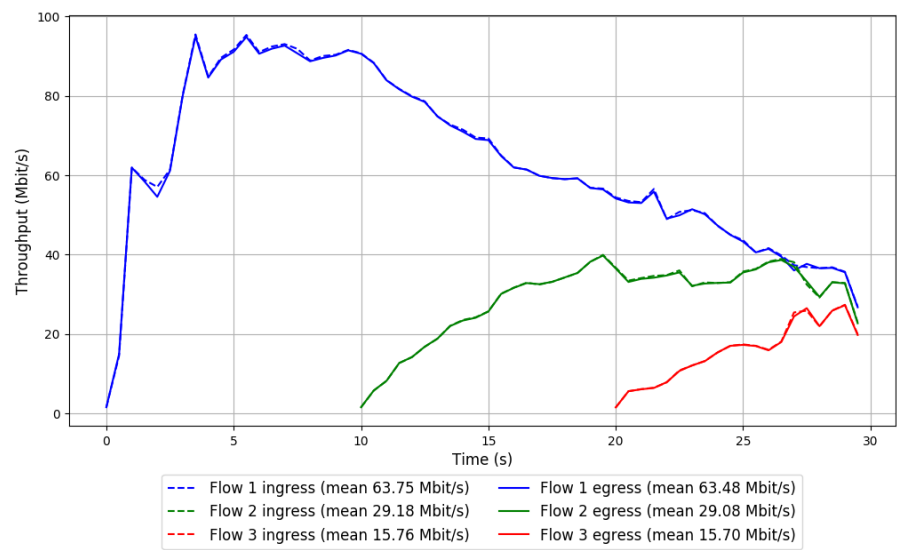


Run 4: Statistics of Vivace-latency

Start at: 2018-02-03 02:59:00
End at: 2018-02-03 02:59:30
Local clock offset: -2.235 ms
Remote clock offset: -20.24 ms

Below is generated by plot.py at 2018-02-03 06:29:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.99 Mbit/s
95th percentile per-packet one-way delay: 0.015 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 63.48 Mbit/s
95th percentile per-packet one-way delay: -0.870 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 29.08 Mbit/s
95th percentile per-packet one-way delay: 0.801 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 15.70 Mbit/s
95th percentile per-packet one-way delay: 15.031 ms
Loss rate: 0.38%

Run 4: Report of Vivace-latency — Data Link

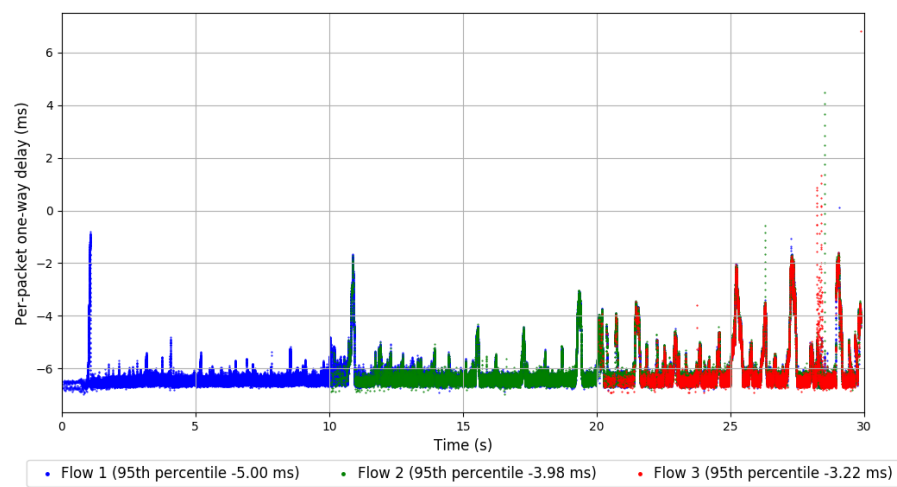
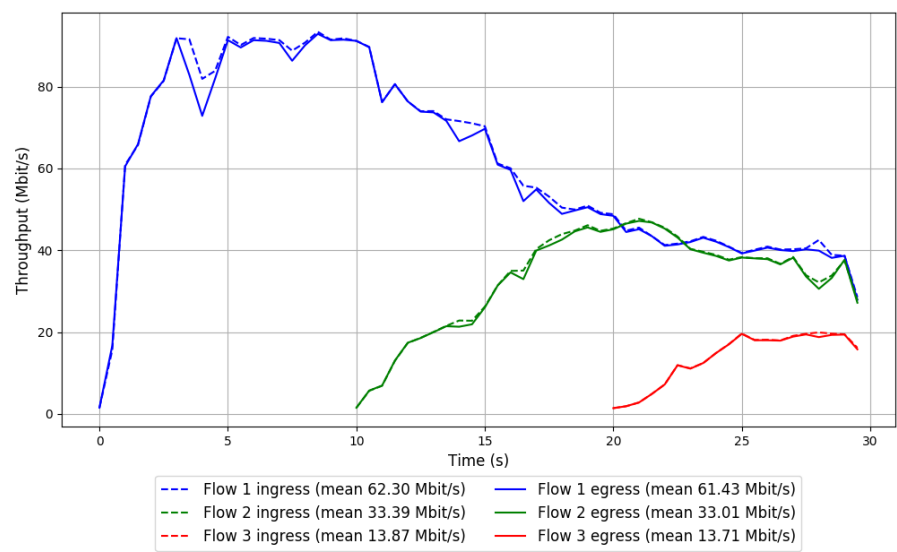


Run 5: Statistics of Vivace-latency

Start at: 2018-02-03 03:21:34
End at: 2018-02-03 03:22:04
Local clock offset: 1.115 ms
Remote clock offset: -19.641 ms

Below is generated by plot.py at 2018-02-03 06:29:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: -4.495 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 61.43 Mbit/s
95th percentile per-packet one-way delay: -5.000 ms
Loss rate: 1.39%
-- Flow 2:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: -3.980 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 13.71 Mbit/s
95th percentile per-packet one-way delay: -3.224 ms
Loss rate: 0.99%

Run 5: Report of Vivace-latency — Data Link

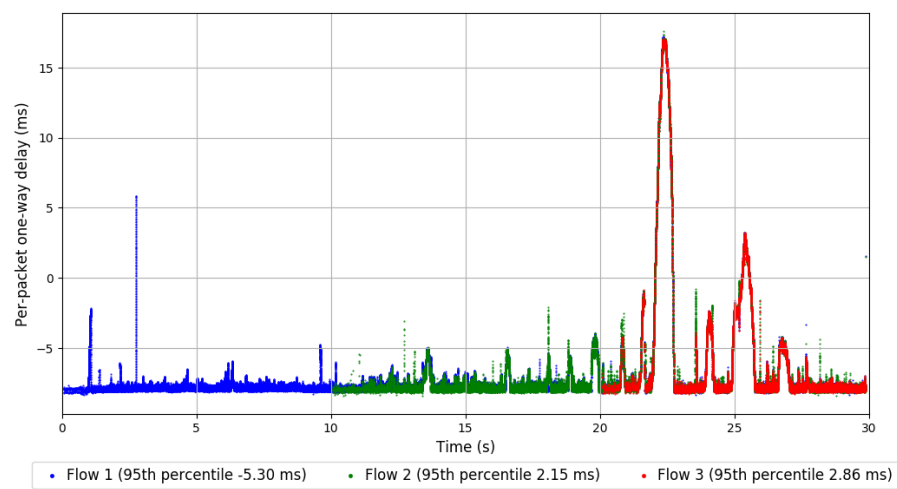
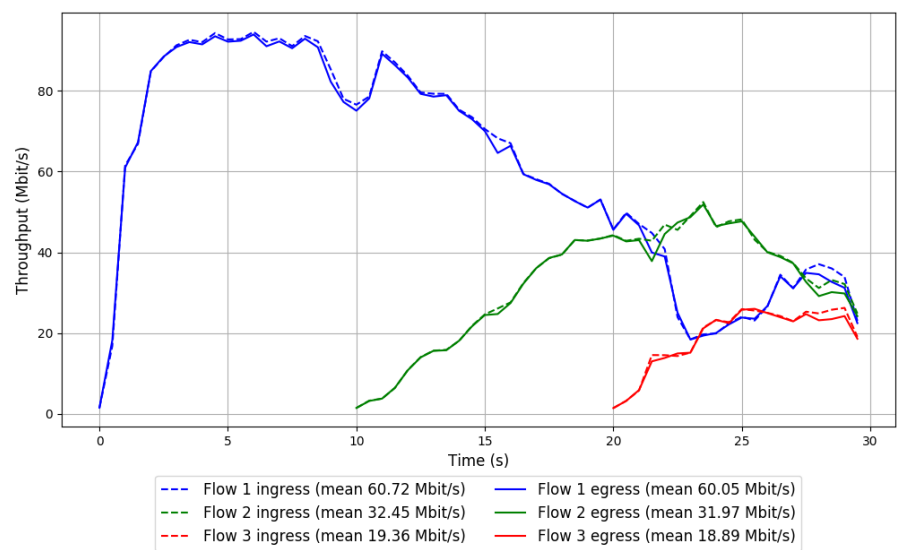


Run 6: Statistics of Vivace-latency

Start at: 2018-02-03 03:44:53
End at: 2018-02-03 03:45:23
Local clock offset: 2.109 ms
Remote clock offset: -20.363 ms

Below is generated by plot.py at 2018-02-03 06:29:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: -2.368 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 60.05 Mbit/s
95th percentile per-packet one-way delay: -5.301 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 2.146 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 2.858 ms
Loss rate: 2.40%

Run 6: Report of Vivace-latency — Data Link

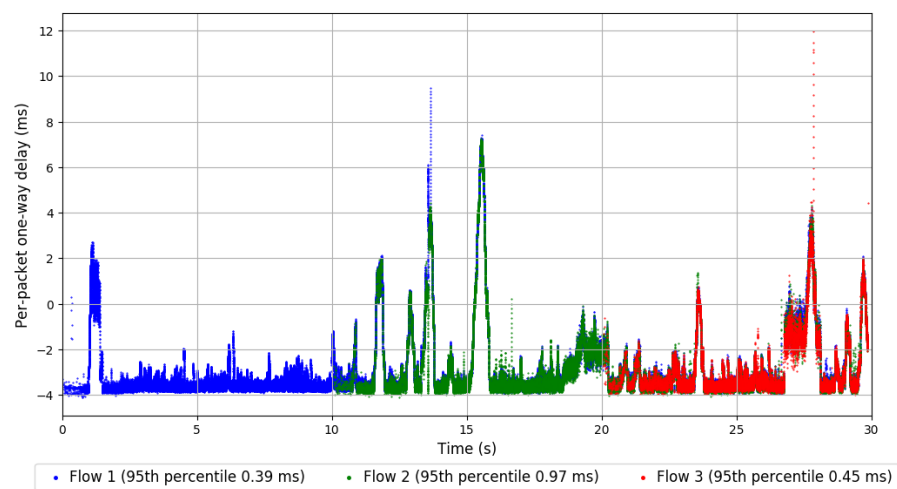
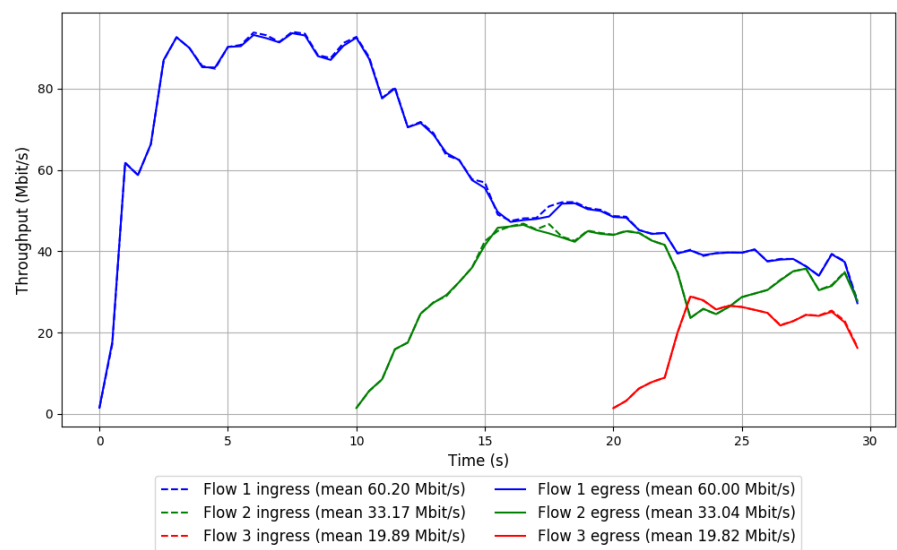


Run 7: Statistics of Vivace-latency

Start at: 2018-02-03 04:07:53
End at: 2018-02-03 04:08:23
Local clock offset: -2.209 ms
Remote clock offset: -20.202 ms

Below is generated by plot.py at 2018-02-03 06:29:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 0.546 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 0.386 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 0.968 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 19.82 Mbit/s
95th percentile per-packet one-way delay: 0.452 ms
Loss rate: 0.27%

Run 7: Report of Vivace-latency — Data Link

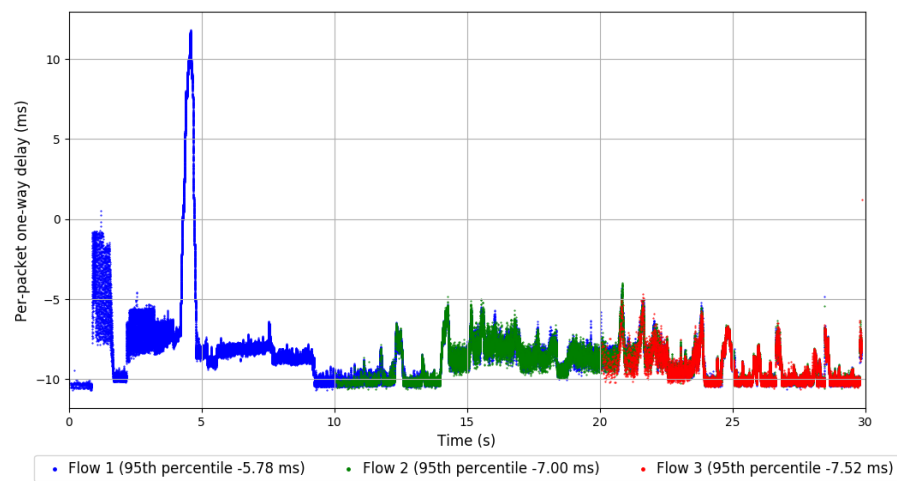
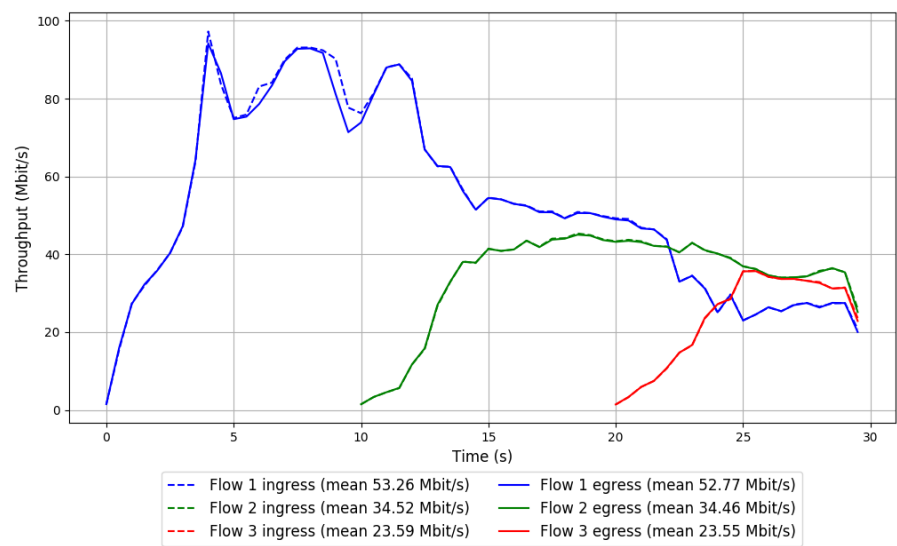


Run 8: Statistics of Vivace-latency

Start at: 2018-02-03 04:30:16
End at: 2018-02-03 04:30:46
Local clock offset: 3.508 ms
Remote clock offset: -22.58 ms

Below is generated by plot.py at 2018-02-03 06:29:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: -6.413 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 52.77 Mbit/s
95th percentile per-packet one-way delay: -5.775 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 34.46 Mbit/s
95th percentile per-packet one-way delay: -7.003 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: -7.524 ms
Loss rate: 0.12%

Run 8: Report of Vivace-latency — Data Link

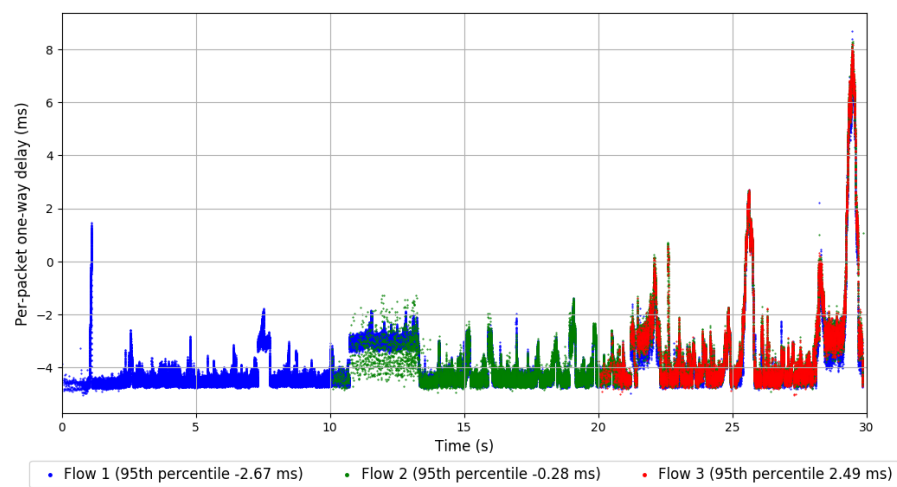
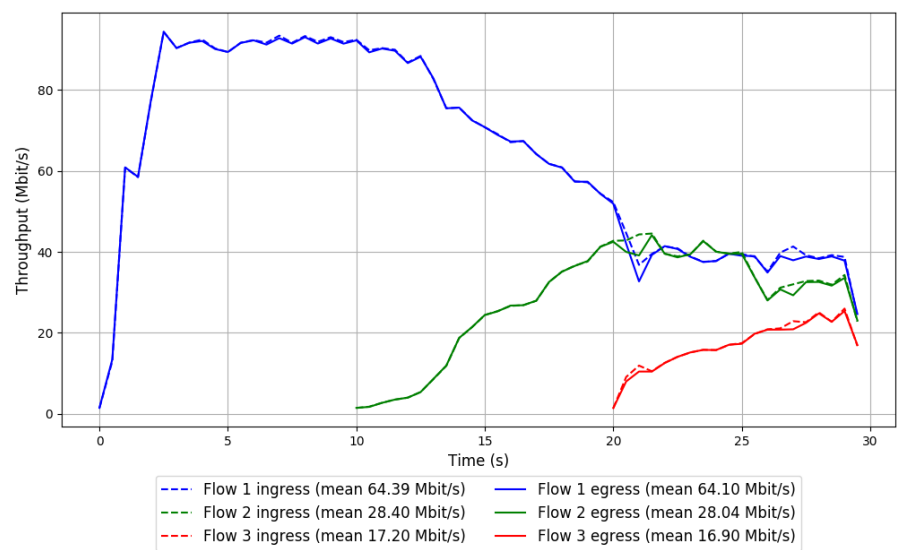


Run 9: Statistics of Vivace-latency

Start at: 2018-02-03 04:52:23
End at: 2018-02-03 04:52:53
Local clock offset: 1.282 ms
Remote clock offset: -19.971 ms

Below is generated by plot.py at 2018-02-03 06:30:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.31 Mbit/s
95th percentile per-packet one-way delay: -2.002 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 64.10 Mbit/s
95th percentile per-packet one-way delay: -2.665 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: -0.276 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 2.489 ms
Loss rate: 1.76%

Run 9: Report of Vivace-latency — Data Link

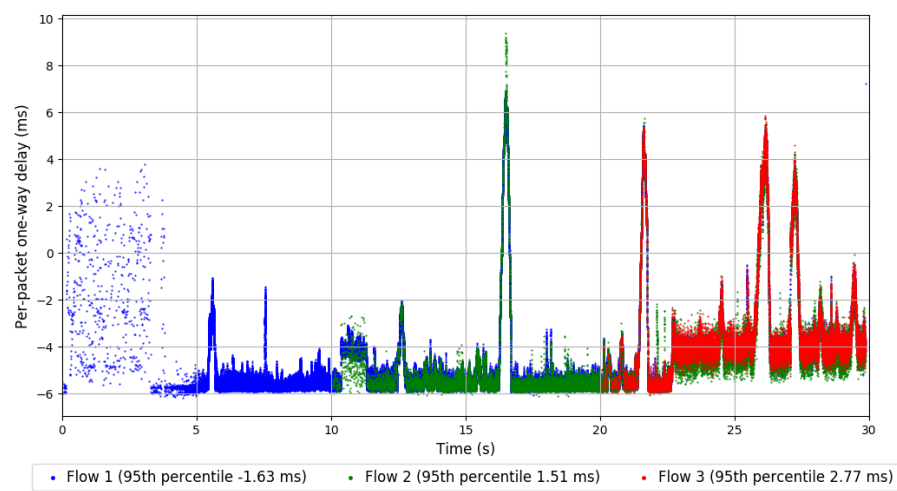
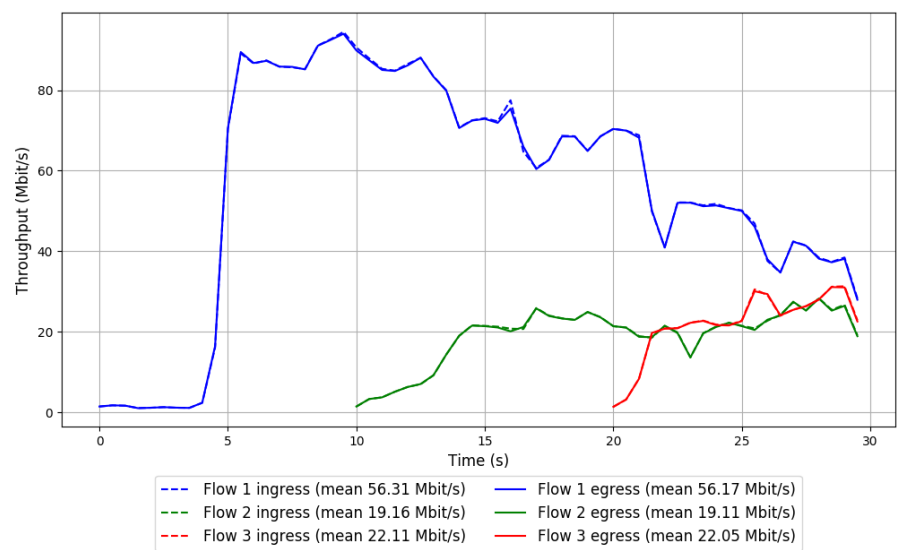


Run 10: Statistics of Vivace-latency

Start at: 2018-02-03 05:15:36
End at: 2018-02-03 05:16:06
Local clock offset: -0.325 ms
Remote clock offset: -25.387 ms

Below is generated by plot.py at 2018-02-03 06:30:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.13 Mbit/s
95th percentile per-packet one-way delay: 0.025 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 56.17 Mbit/s
95th percentile per-packet one-way delay: -1.634 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 19.11 Mbit/s
95th percentile per-packet one-way delay: 1.508 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 22.05 Mbit/s
95th percentile per-packet one-way delay: 2.770 ms
Loss rate: 0.25%

Run 10: Report of Vivace-latency — Data Link

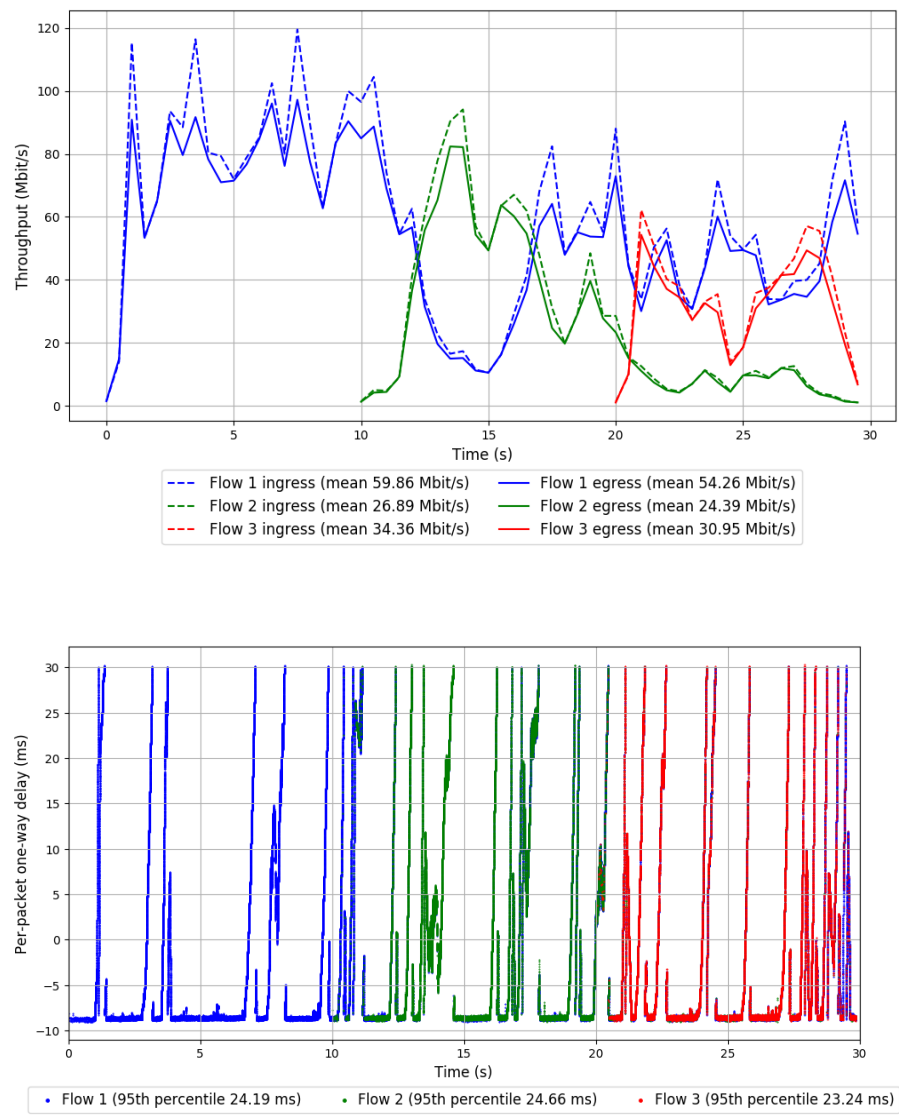


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-03 02:08:28
End at: 2018-02-03 02:08:58
Local clock offset: 0.548 ms
Remote clock offset: -21.785 ms

# Below is generated by plot.py at 2018-02-03 06:30:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.68 Mbit/s
95th percentile per-packet one-way delay: 24.188 ms
Loss rate: 9.43%
-- Flow 1:
Average throughput: 54.26 Mbit/s
95th percentile per-packet one-way delay: 24.190 ms
Loss rate: 9.35%
-- Flow 2:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 24.661 ms
Loss rate: 9.29%
-- Flow 3:
Average throughput: 30.95 Mbit/s
95th percentile per-packet one-way delay: 23.236 ms
Loss rate: 10.02%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-03 02:30:24

End at: 2018-02-03 02:30:54

Local clock offset: 0.979 ms

Remote clock offset: -20.469 ms

Below is generated by plot.py at 2018-02-03 06:30:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.12 Mbit/s

95th percentile per-packet one-way delay: 27.267 ms

Loss rate: 13.33%

-- Flow 1:

Average throughput: 59.41 Mbit/s

95th percentile per-packet one-way delay: 27.330 ms

Loss rate: 13.48%

-- Flow 2:

Average throughput: 41.20 Mbit/s

95th percentile per-packet one-way delay: 27.149 ms

Loss rate: 13.04%

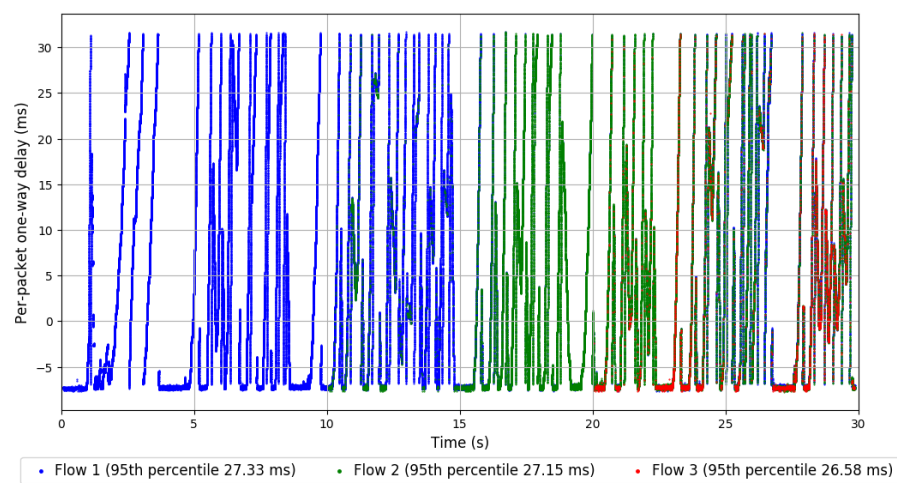
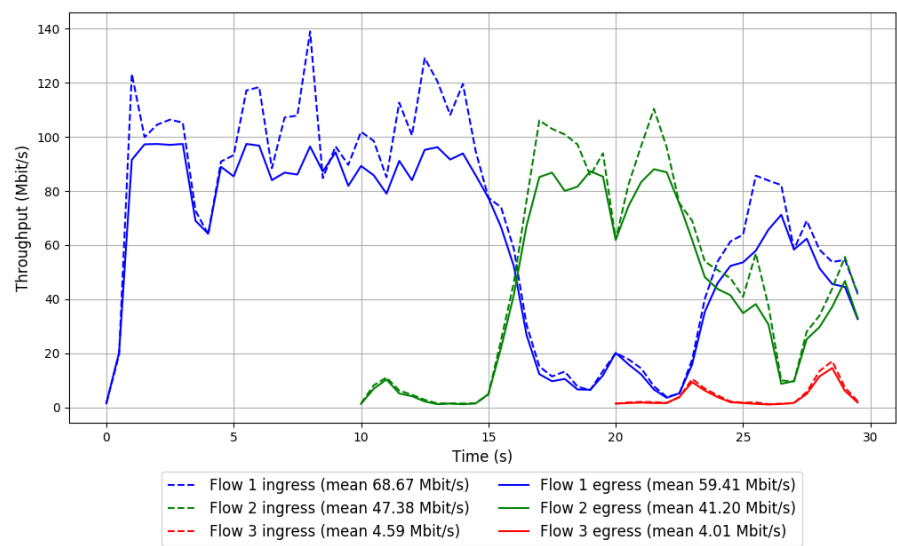
-- Flow 3:

Average throughput: 4.01 Mbit/s

95th percentile per-packet one-way delay: 26.580 ms

Loss rate: 12.69%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-03 02:52:56

End at: 2018-02-03 02:53:26

Local clock offset: 1.85 ms

Remote clock offset: -20.407 ms

Below is generated by plot.py at 2018-02-03 06:30:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.88 Mbit/s

95th percentile per-packet one-way delay: 24.467 ms

Loss rate: 10.27%

-- Flow 1:

Average throughput: 53.32 Mbit/s

95th percentile per-packet one-way delay: 24.007 ms

Loss rate: 9.26%

-- Flow 2:

Average throughput: 35.44 Mbit/s

95th percentile per-packet one-way delay: 24.370 ms

Loss rate: 11.36%

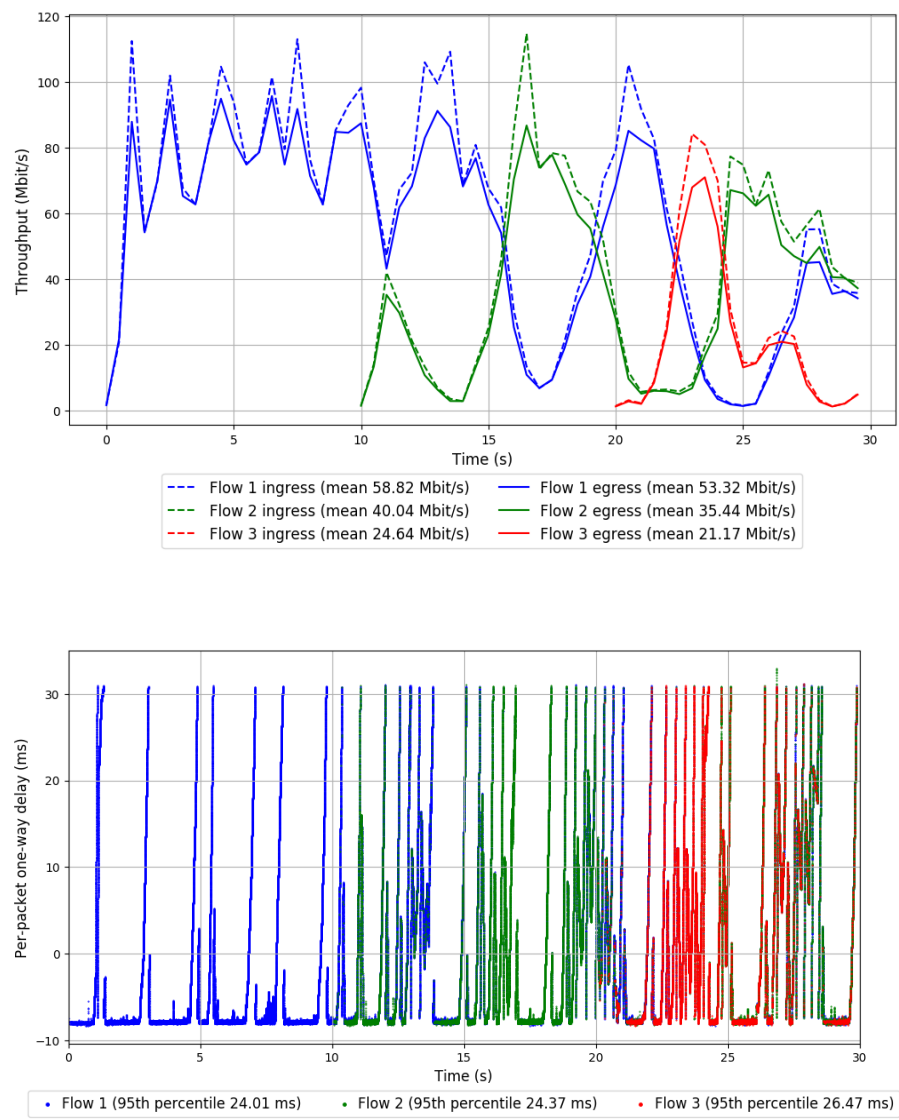
-- Flow 3:

Average throughput: 21.17 Mbit/s

95th percentile per-packet one-way delay: 26.466 ms

Loss rate: 13.98%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-03 03:15:24

End at: 2018-02-03 03:15:54

Local clock offset: 2.23 ms

Remote clock offset: -20.387 ms

Below is generated by plot.py at 2018-02-03 06:30:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.56 Mbit/s

95th percentile per-packet one-way delay: 23.829 ms

Loss rate: 10.08%

-- Flow 1:

Average throughput: 58.19 Mbit/s

95th percentile per-packet one-way delay: 24.321 ms

Loss rate: 10.15%

-- Flow 2:

Average throughput: 31.86 Mbit/s

95th percentile per-packet one-way delay: 22.757 ms

Loss rate: 10.21%

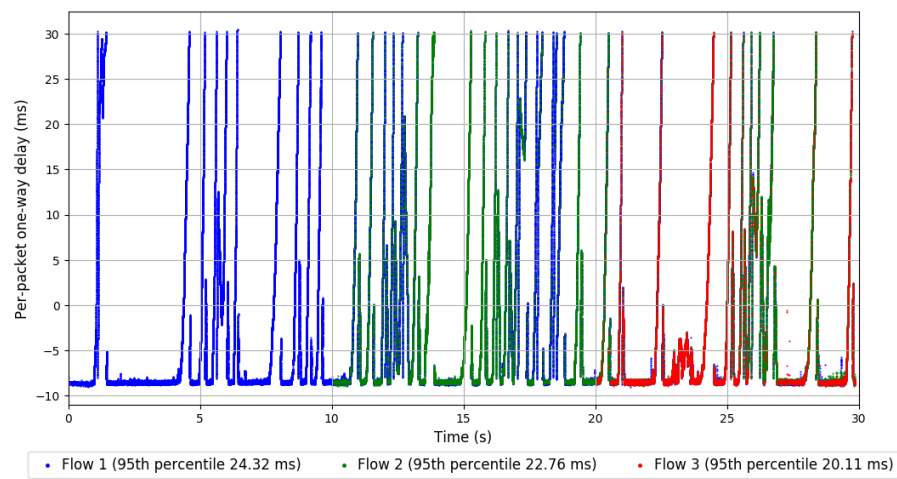
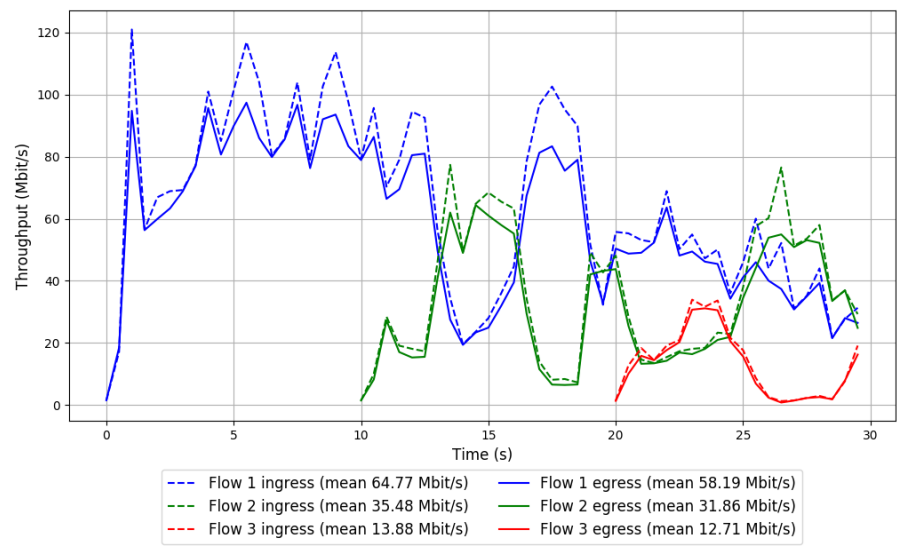
-- Flow 3:

Average throughput: 12.71 Mbit/s

95th percentile per-packet one-way delay: 20.115 ms

Loss rate: 8.41%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-03 03:38:50

End at: 2018-02-03 03:39:20

Local clock offset: -1.18 ms

Remote clock offset: -22.302 ms

Below is generated by plot.py at 2018-02-03 06:30:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.40 Mbit/s

95th percentile per-packet one-way delay: 24.647 ms

Loss rate: 9.00%

-- Flow 1:

Average throughput: 52.07 Mbit/s

95th percentile per-packet one-way delay: 24.582 ms

Loss rate: 8.31%

-- Flow 2:

Average throughput: 25.15 Mbit/s

95th percentile per-packet one-way delay: 25.030 ms

Loss rate: 9.11%

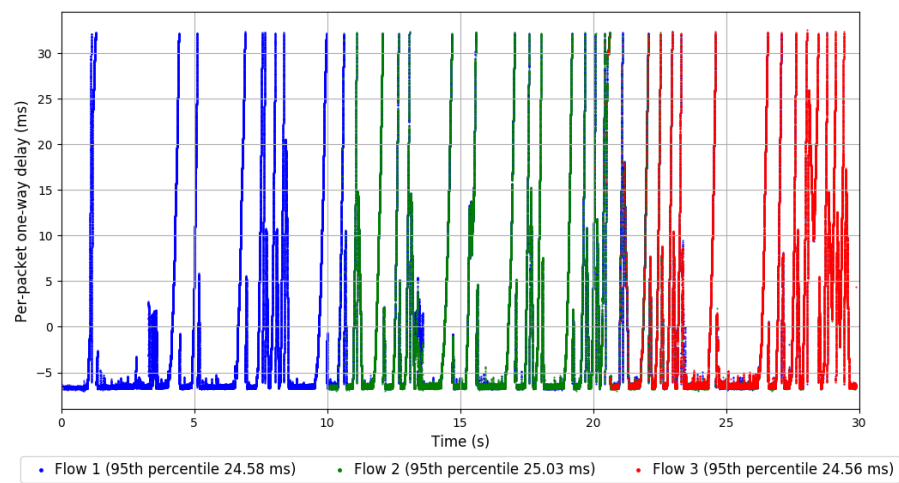
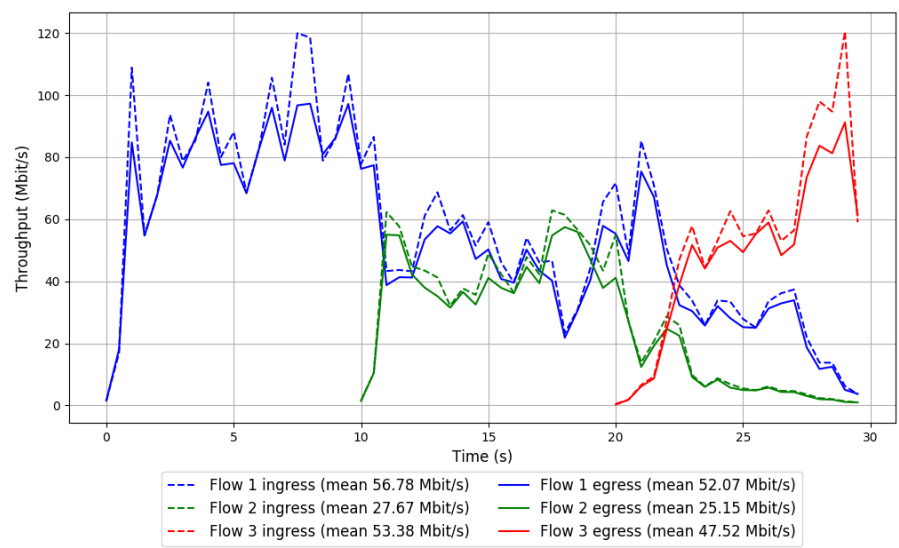
-- Flow 3:

Average throughput: 47.52 Mbit/s

95th percentile per-packet one-way delay: 24.558 ms

Loss rate: 11.10%

Run 5: Report of Vivace-loss — Data Link

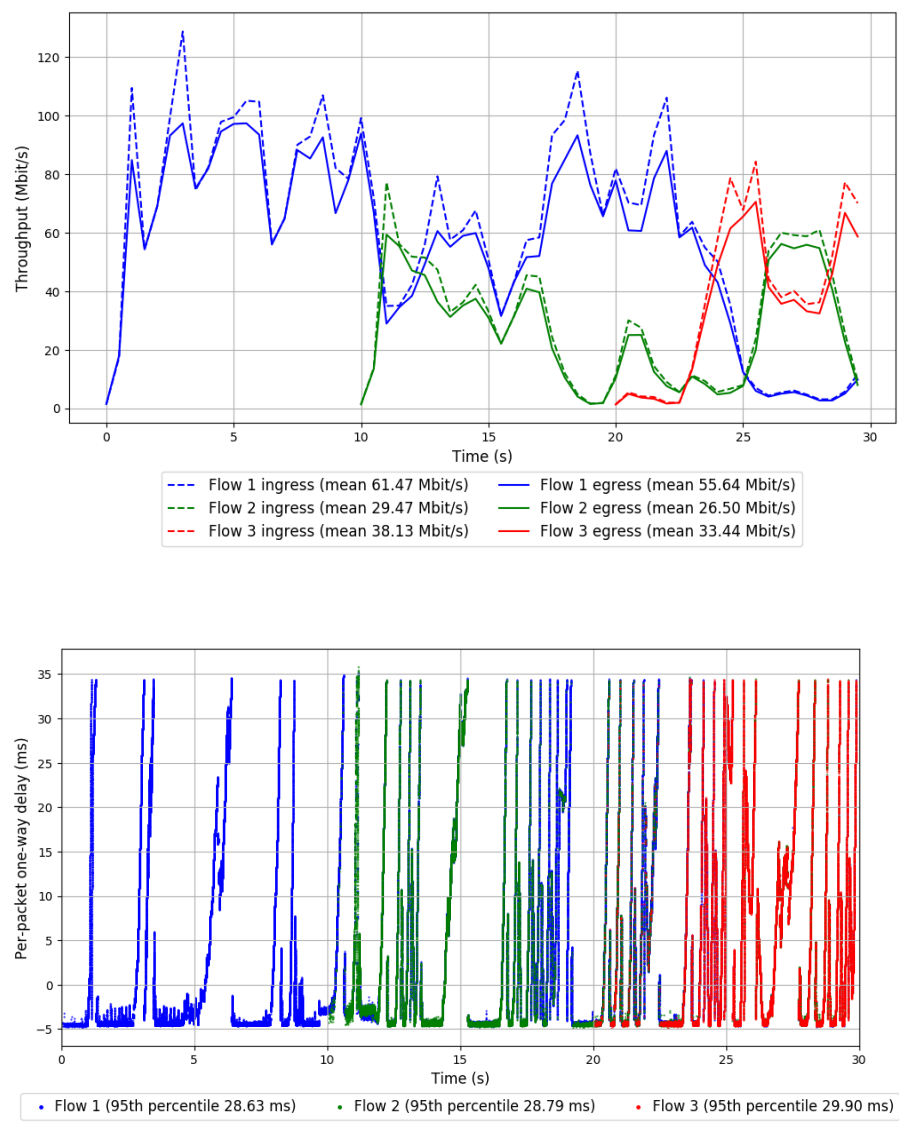


Run 6: Statistics of Vivace-loss

Start at: 2018-02-03 04:01:52
End at: 2018-02-03 04:02:22
Local clock offset: -0.97 ms
Remote clock offset: -19.304 ms

Below is generated by plot.py at 2018-02-03 06:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.31 Mbit/s
95th percentile per-packet one-way delay: 28.889 ms
Loss rate: 9.88%
-- Flow 1:
Average throughput: 55.64 Mbit/s
95th percentile per-packet one-way delay: 28.629 ms
Loss rate: 9.40%
-- Flow 2:
Average throughput: 26.50 Mbit/s
95th percentile per-packet one-way delay: 28.791 ms
Loss rate: 9.96%
-- Flow 3:
Average throughput: 33.44 Mbit/s
95th percentile per-packet one-way delay: 29.900 ms
Loss rate: 12.06%

Run 6: Report of Vivace-loss — Data Link

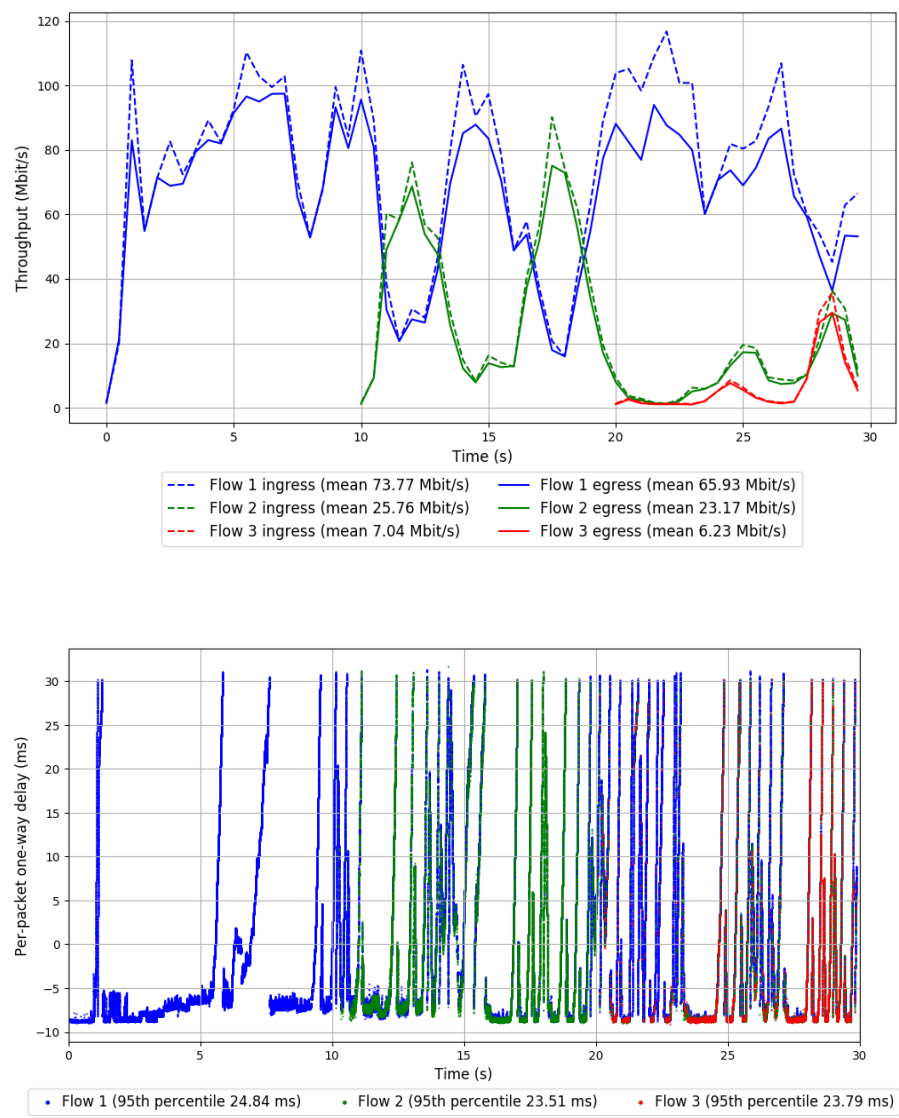


Run 7: Statistics of Vivace-loss

Start at: 2018-02-03 04:24:15
End at: 2018-02-03 04:24:45
Local clock offset: 4.003 ms
Remote clock offset: -19.74 ms

Below is generated by plot.py at 2018-02-03 06:31:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.39 Mbit/s
95th percentile per-packet one-way delay: 24.613 ms
Loss rate: 10.51%
-- Flow 1:
Average throughput: 65.93 Mbit/s
95th percentile per-packet one-way delay: 24.836 ms
Loss rate: 10.59%
-- Flow 2:
Average throughput: 23.17 Mbit/s
95th percentile per-packet one-way delay: 23.508 ms
Loss rate: 10.03%
-- Flow 3:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 23.791 ms
Loss rate: 11.47%

Run 7: Report of Vivace-loss — Data Link

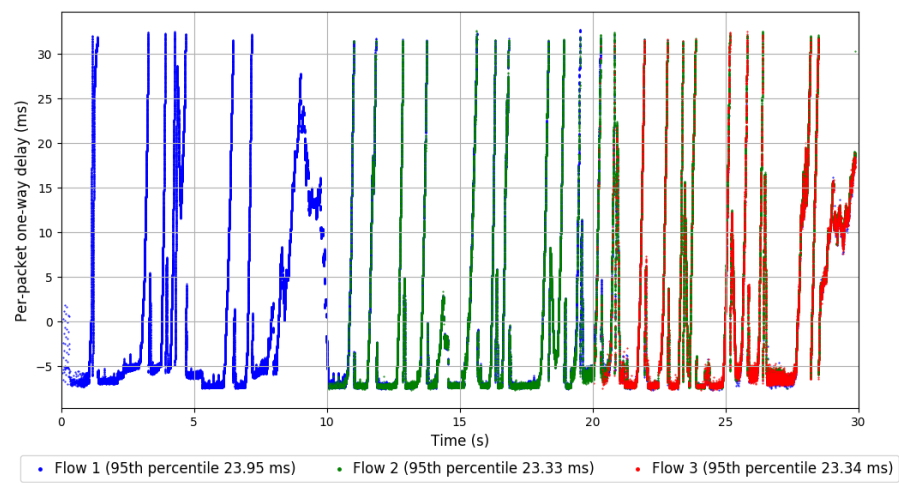
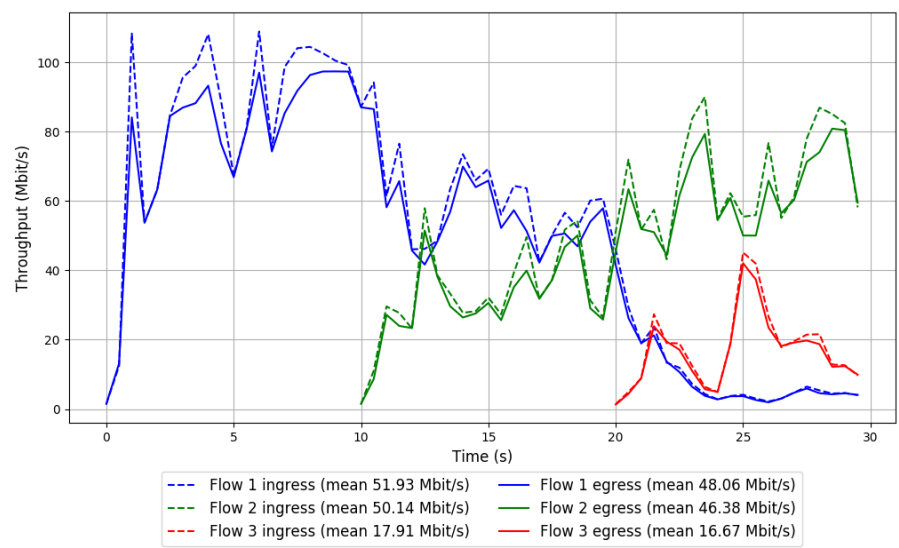


Run 8: Statistics of Vivace-loss

Start at: 2018-02-03 04:46:15
End at: 2018-02-03 04:46:45
Local clock offset: 1.136 ms
Remote clock offset: -22.549 ms

Below is generated by plot.py at 2018-02-03 06:31:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.40 Mbit/s
95th percentile per-packet one-way delay: 23.724 ms
Loss rate: 7.34%
-- Flow 1:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 23.952 ms
Loss rate: 7.39%
-- Flow 2:
Average throughput: 46.38 Mbit/s
95th percentile per-packet one-way delay: 23.327 ms
Loss rate: 7.36%
-- Flow 3:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 23.344 ms
Loss rate: 6.75%

Run 8: Report of Vivace-loss — Data Link

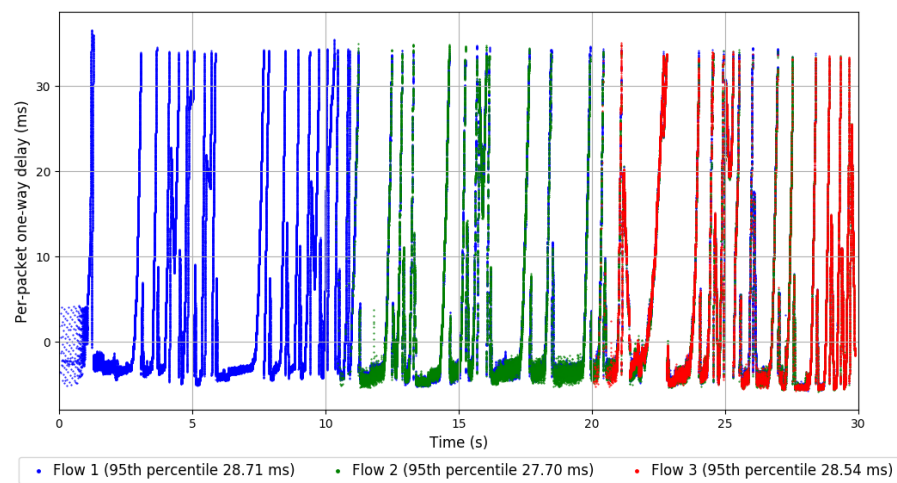
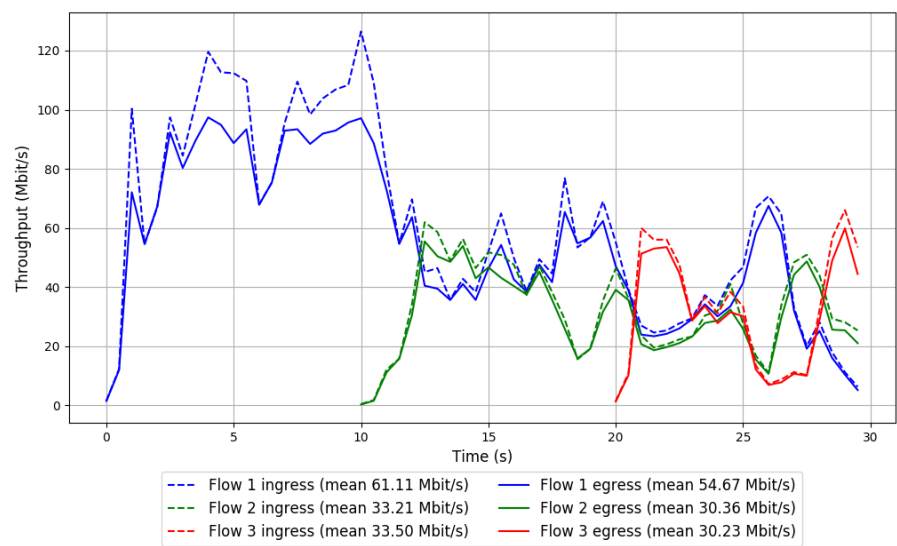


Run 9: Statistics of Vivace-loss

Start at: 2018-02-03 05:09:02
End at: 2018-02-03 05:09:32
Local clock offset: 1.315 ms
Remote clock offset: -23.409 ms

Below is generated by plot.py at 2018-02-03 06:31:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 28.573 ms
Loss rate: 10.00%
-- Flow 1:
Average throughput: 54.67 Mbit/s
95th percentile per-packet one-way delay: 28.713 ms
Loss rate: 10.54%
-- Flow 2:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 27.699 ms
Loss rate: 8.66%
-- Flow 3:
Average throughput: 30.23 Mbit/s
95th percentile per-packet one-way delay: 28.540 ms
Loss rate: 9.74%

Run 9: Report of Vivace-loss — Data Link

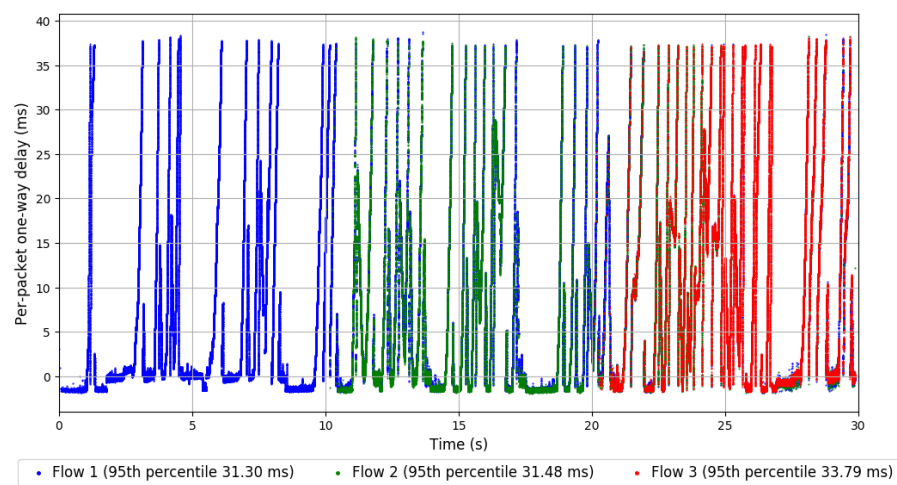
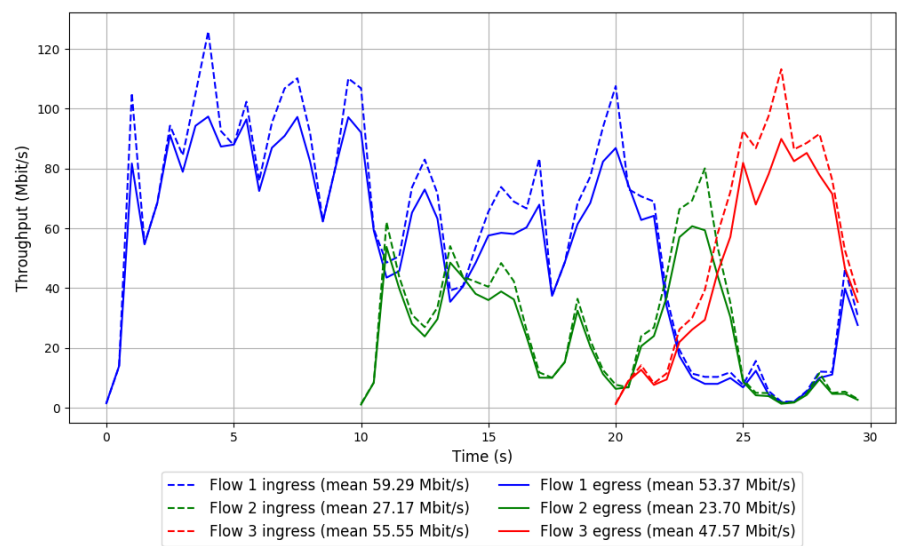


Run 10: Statistics of Vivace-loss

Start at: 2018-02-03 05:31:47
End at: 2018-02-03 05:32:17
Local clock offset: -1.787 ms
Remote clock offset: -22.672 ms

Below is generated by plot.py at 2018-02-03 06:32:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.78 Mbit/s
95th percentile per-packet one-way delay: 31.909 ms
Loss rate: 11.37%
-- Flow 1:
Average throughput: 53.37 Mbit/s
95th percentile per-packet one-way delay: 31.301 ms
Loss rate: 10.00%
-- Flow 2:
Average throughput: 23.70 Mbit/s
95th percentile per-packet one-way delay: 31.485 ms
Loss rate: 12.80%
-- Flow 3:
Average throughput: 47.57 Mbit/s
95th percentile per-packet one-way delay: 33.792 ms
Loss rate: 14.41%

Run 10: Report of Vivace-loss — Data Link

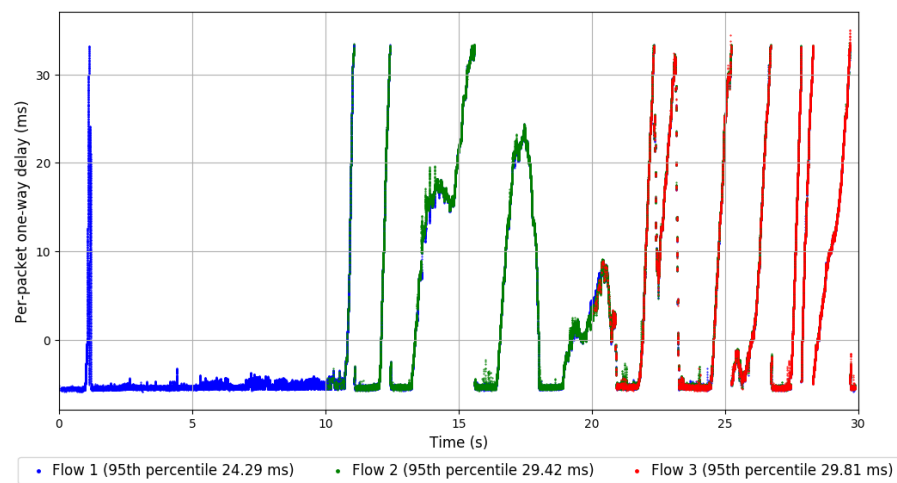
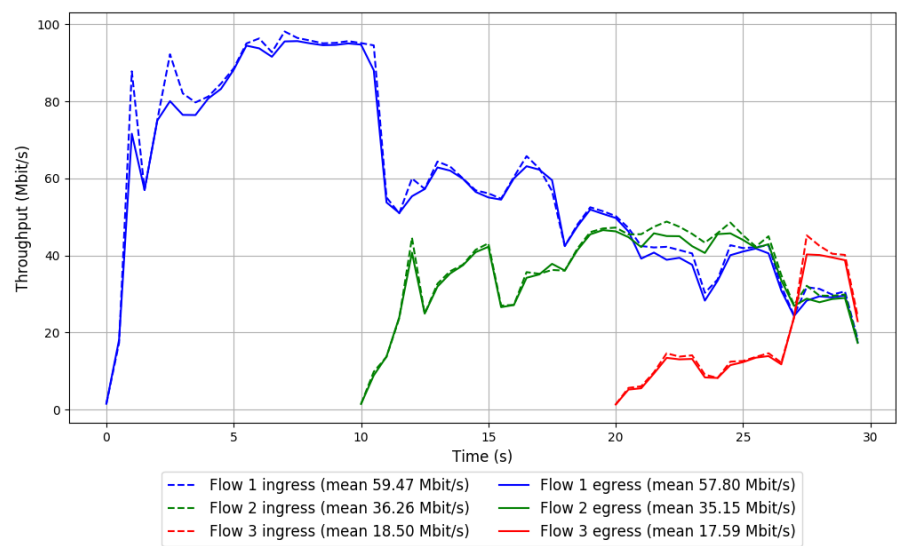


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-03 01:56:05
End at: 2018-02-03 01:56:35
Local clock offset: -0.758 ms
Remote clock offset: -19.223 ms

Below is generated by plot.py at 2018-02-03 06:32:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 27.212 ms
Loss rate: 3.03%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 24.287 ms
Loss rate: 2.82%
-- Flow 2:
Average throughput: 35.15 Mbit/s
95th percentile per-packet one-way delay: 29.423 ms
Loss rate: 3.06%
-- Flow 3:
Average throughput: 17.59 Mbit/s
95th percentile per-packet one-way delay: 29.812 ms
Loss rate: 5.02%

Run 1: Report of Vivace-LTE — Data Link

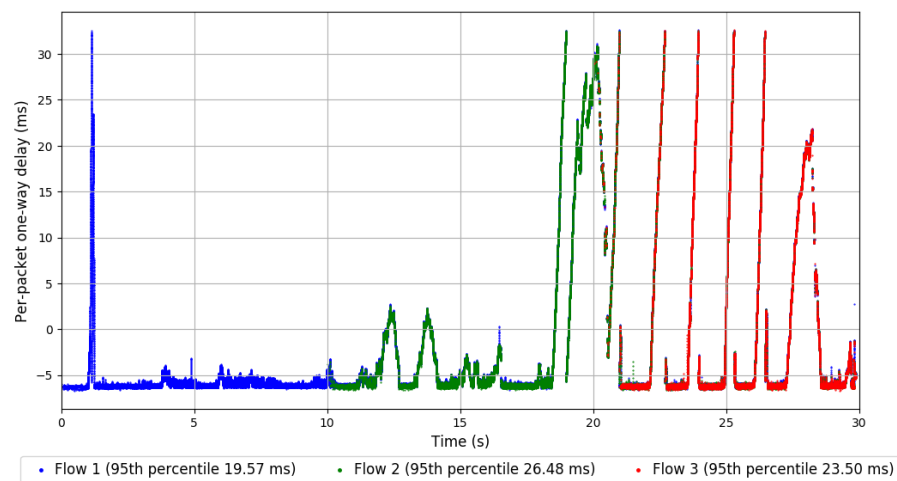
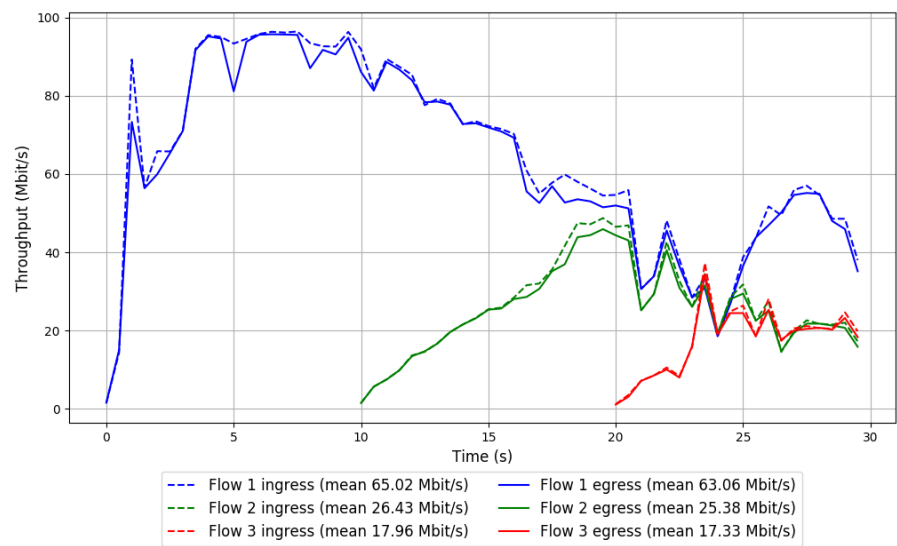


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-03 02:18:03
End at: 2018-02-03 02:18:33
Local clock offset: 1.401 ms
Remote clock offset: -18.86 ms

Below is generated by plot.py at 2018-02-03 06:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: 22.543 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 63.06 Mbit/s
95th percentile per-packet one-way delay: 19.570 ms
Loss rate: 3.02%
-- Flow 2:
Average throughput: 25.38 Mbit/s
95th percentile per-packet one-way delay: 26.484 ms
Loss rate: 3.98%
-- Flow 3:
Average throughput: 17.33 Mbit/s
95th percentile per-packet one-way delay: 23.495 ms
Loss rate: 3.81%

Run 2: Report of Vivace-LTE — Data Link

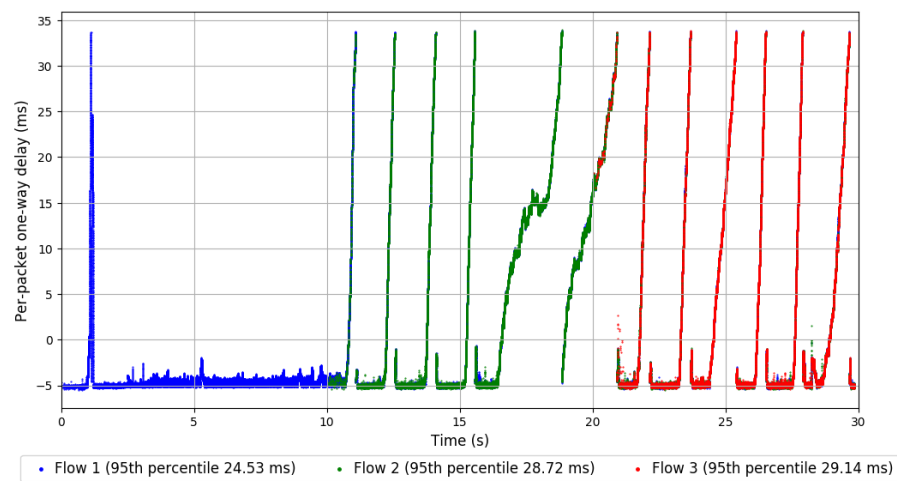
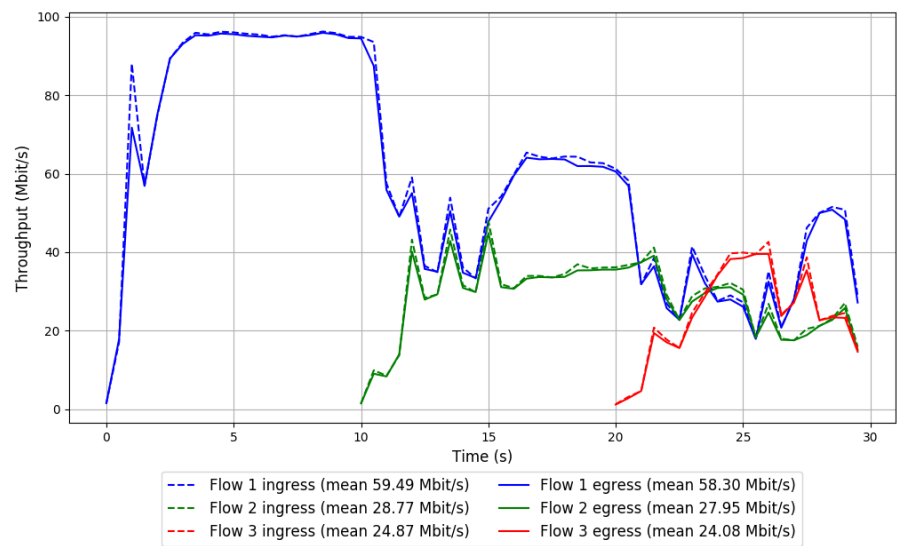


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-03 02:40:15
End at: 2018-02-03 02:40:45
Local clock offset: -1.13 ms
Remote clock offset: -20.451 ms

Below is generated by plot.py at 2018-02-03 06:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.80 Mbit/s
95th percentile per-packet one-way delay: 26.382 ms
Loss rate: 2.32%
-- Flow 1:
Average throughput: 58.30 Mbit/s
95th percentile per-packet one-way delay: 24.533 ms
Loss rate: 2.00%
-- Flow 2:
Average throughput: 27.95 Mbit/s
95th percentile per-packet one-way delay: 28.722 ms
Loss rate: 2.84%
-- Flow 3:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 29.135 ms
Loss rate: 3.40%

Run 3: Report of Vivace-LTE — Data Link

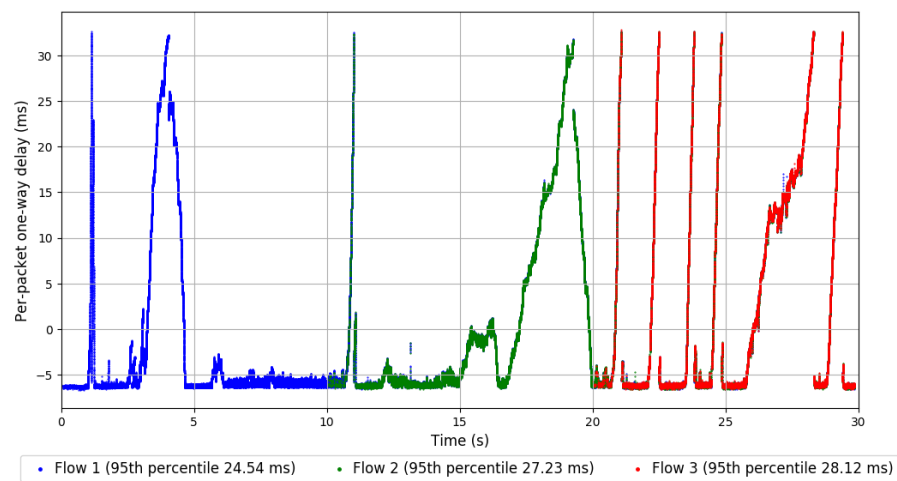
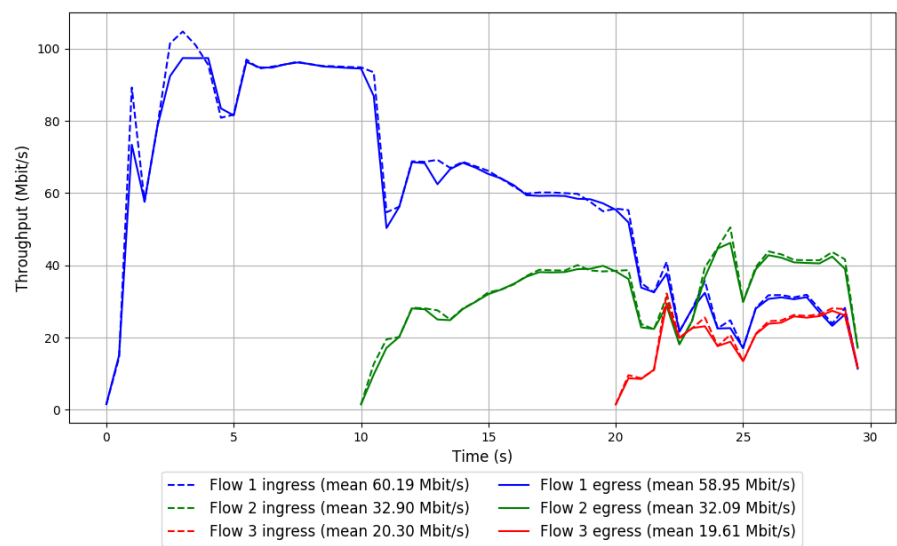


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-03 03:02:48
End at: 2018-02-03 03:03:18
Local clock offset: -0.429 ms
Remote clock offset: -20.639 ms

Below is generated by plot.py at 2018-02-03 06:32:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 25.594 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 24.543 ms
Loss rate: 2.06%
-- Flow 2:
Average throughput: 32.09 Mbit/s
95th percentile per-packet one-way delay: 27.232 ms
Loss rate: 2.48%
-- Flow 3:
Average throughput: 19.61 Mbit/s
95th percentile per-packet one-way delay: 28.122 ms
Loss rate: 3.39%

Run 4: Report of Vivace-LTE — Data Link

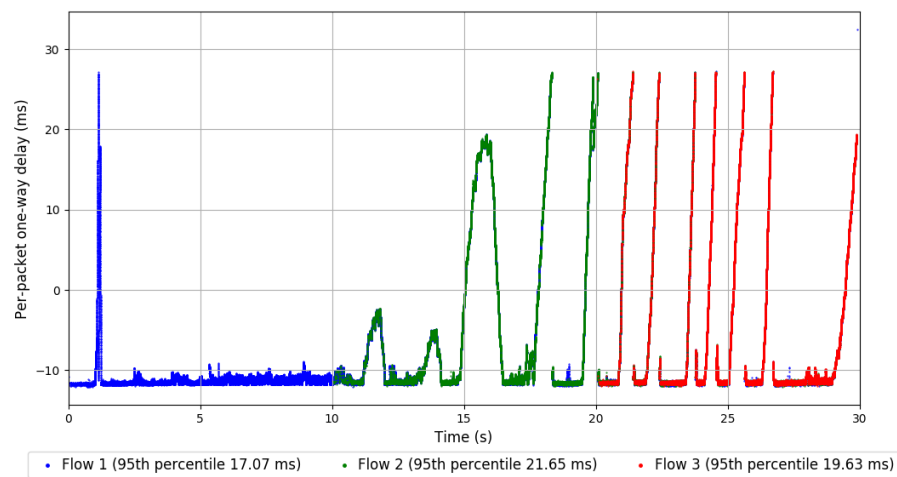
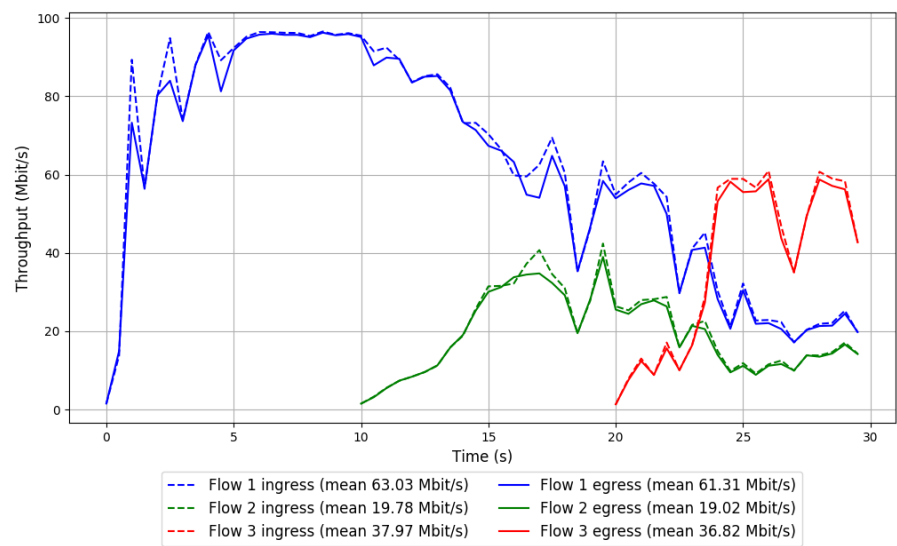


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-03 03:25:27
End at: 2018-02-03 03:25:57
Local clock offset: -0.319 ms
Remote clock offset: -26.27 ms

Below is generated by plot.py at 2018-02-03 06:32:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.06 Mbit/s
95th percentile per-packet one-way delay: 18.216 ms
Loss rate: 2.83%
-- Flow 1:
Average throughput: 61.31 Mbit/s
95th percentile per-packet one-way delay: 17.073 ms
Loss rate: 2.60%
-- Flow 2:
Average throughput: 19.02 Mbit/s
95th percentile per-packet one-way delay: 21.648 ms
Loss rate: 3.69%
-- Flow 3:
Average throughput: 36.82 Mbit/s
95th percentile per-packet one-way delay: 19.633 ms
Loss rate: 3.10%

Run 5: Report of Vivace-LTE — Data Link

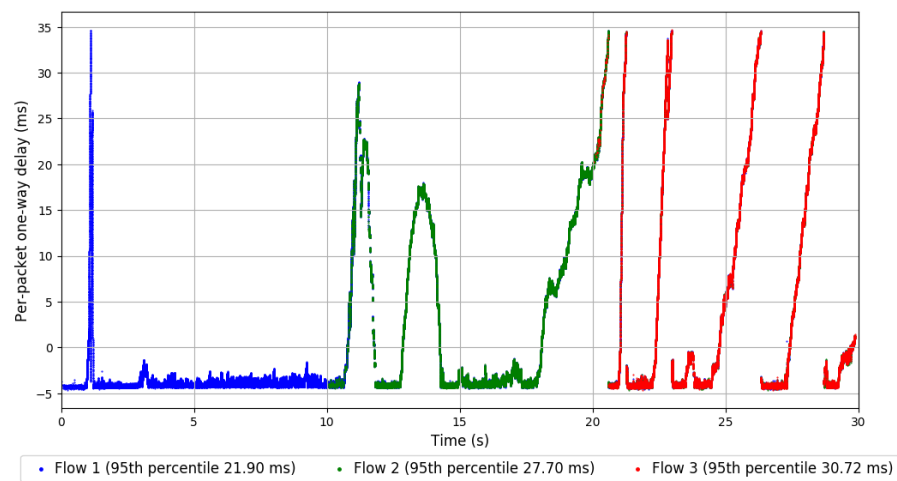
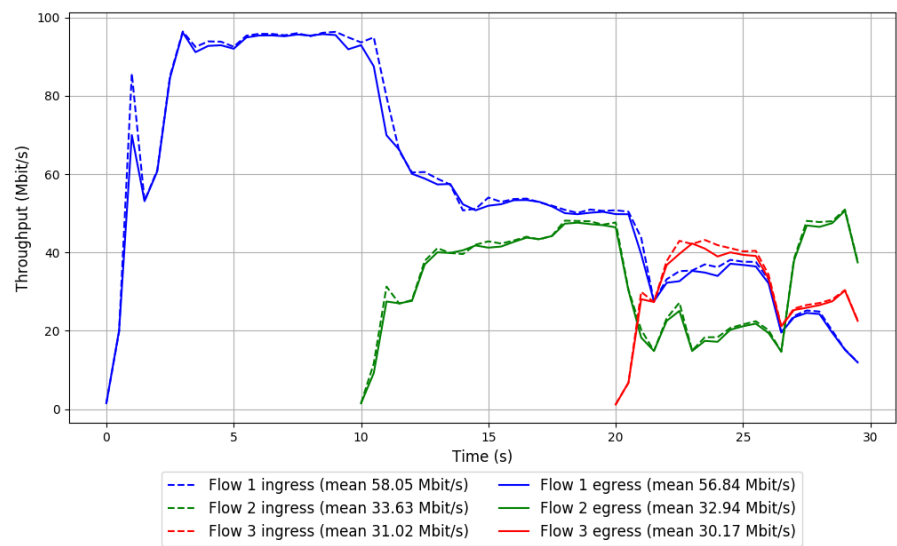


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-03 03:48:49
End at: 2018-02-03 03:49:19
Local clock offset: -0.358 ms
Remote clock offset: -18.947 ms

Below is generated by plot.py at 2018-02-03 06:32:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.67 Mbit/s
95th percentile per-packet one-way delay: 25.291 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 56.84 Mbit/s
95th percentile per-packet one-way delay: 21.904 ms
Loss rate: 2.07%
-- Flow 2:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 27.702 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 30.17 Mbit/s
95th percentile per-packet one-way delay: 30.720 ms
Loss rate: 2.92%

Run 6: Report of Vivace-LTE — Data Link

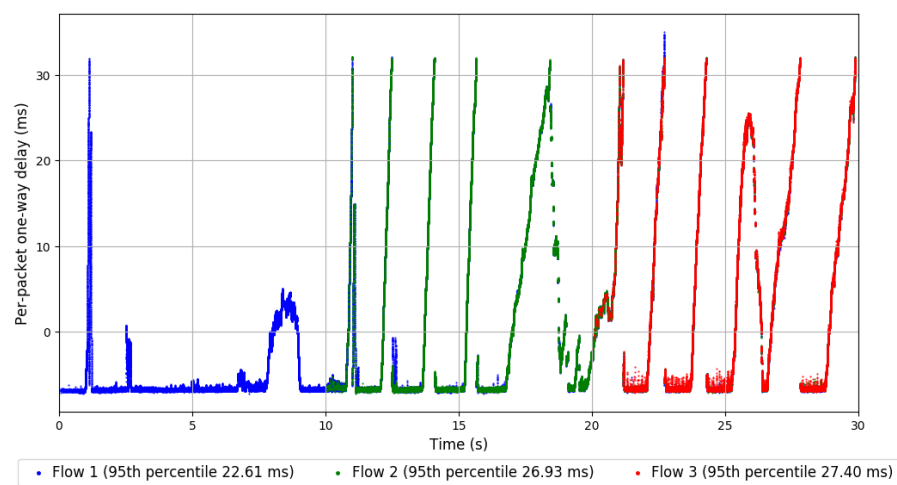
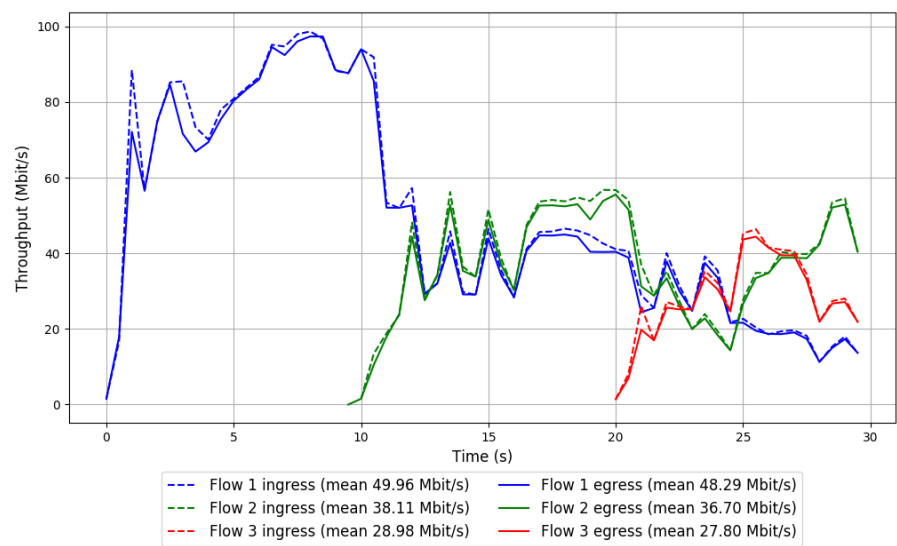


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-03 04:11:37
End at: 2018-02-03 04:12:07
Local clock offset: 0.799 ms
Remote clock offset: -20.376 ms

Below is generated by plot.py at 2018-02-03 06:32:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.90 Mbit/s
95th percentile per-packet one-way delay: 25.370 ms
Loss rate: 3.42%
-- Flow 1:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 22.610 ms
Loss rate: 3.26%
-- Flow 2:
Average throughput: 36.70 Mbit/s
95th percentile per-packet one-way delay: 26.930 ms
Loss rate: 3.58%
-- Flow 3:
Average throughput: 27.80 Mbit/s
95th percentile per-packet one-way delay: 27.397 ms
Loss rate: 3.87%

Run 7: Report of Vivace-LTE — Data Link

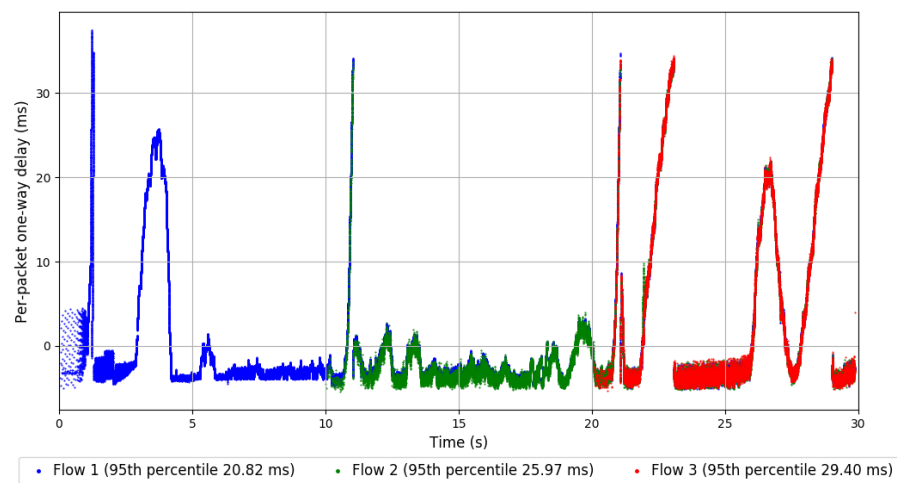
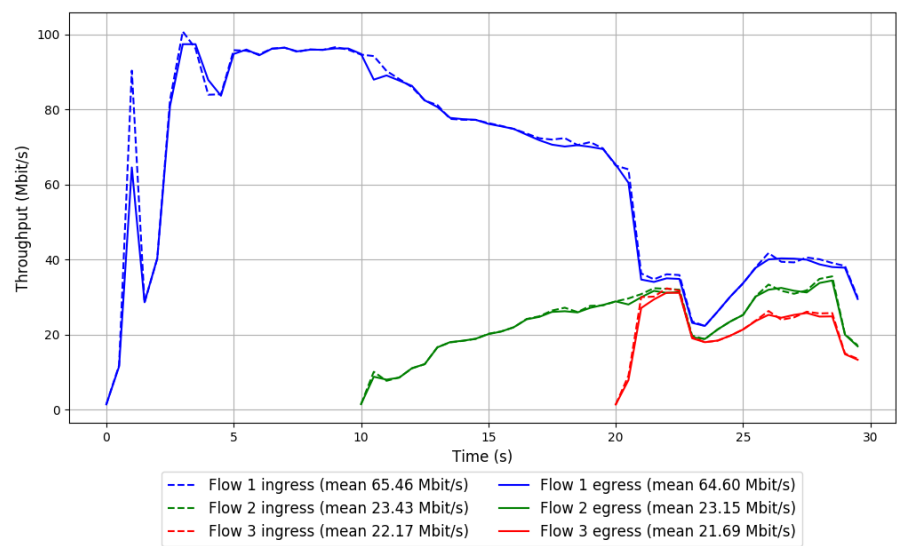


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-03 04:33:52
End at: 2018-02-03 04:34:22
Local clock offset: 0.836 ms
Remote clock offset: -20.545 ms

Below is generated by plot.py at 2018-02-03 06:32:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: 22.806 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 20.821 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 25.973 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 21.69 Mbit/s
95th percentile per-packet one-way delay: 29.402 ms
Loss rate: 2.14%

Run 8: Report of Vivace-LTE — Data Link

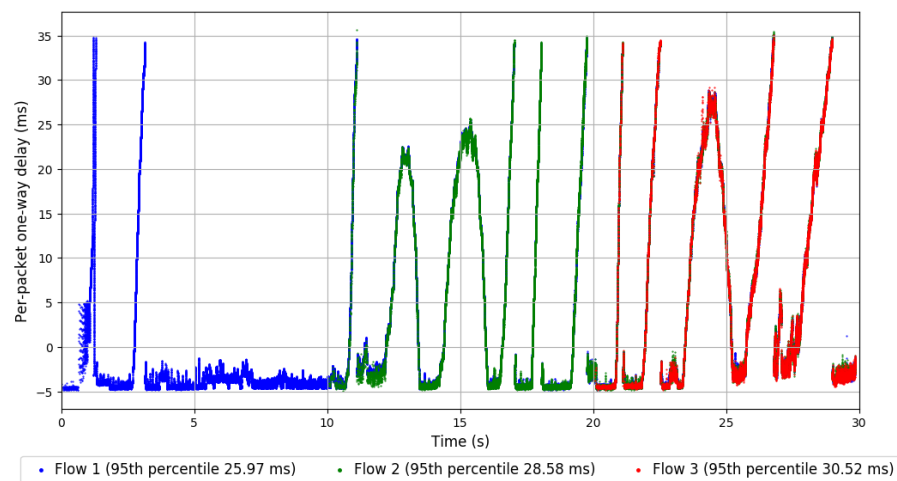
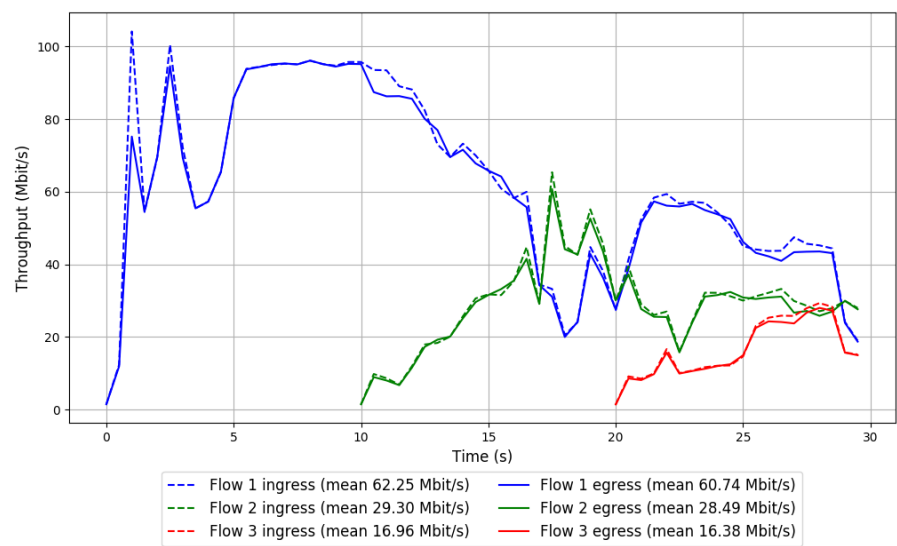


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-03 04:56:12
End at: 2018-02-03 04:56:42
Local clock offset: 1.001 ms
Remote clock offset: -20.553 ms

Below is generated by plot.py at 2018-02-03 06:32:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.08 Mbit/s
95th percentile per-packet one-way delay: 27.320 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 60.74 Mbit/s
95th percentile per-packet one-way delay: 25.974 ms
Loss rate: 2.43%
-- Flow 2:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 28.581 ms
Loss rate: 2.75%
-- Flow 3:
Average throughput: 16.38 Mbit/s
95th percentile per-packet one-way delay: 30.521 ms
Loss rate: 3.42%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-03 05:19:22
End at: 2018-02-03 05:19:52
Local clock offset: 0.561 ms
Remote clock offset: -23.669 ms

Below is generated by plot.py at 2018-02-03 06:32:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 29.644 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 28.496 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 34.31 Mbit/s
95th percentile per-packet one-way delay: 31.071 ms
Loss rate: 2.53%
-- Flow 3:
Average throughput: 19.01 Mbit/s
95th percentile per-packet one-way delay: 29.973 ms
Loss rate: 3.12%

Run 10: Report of Vivace-LTE — Data Link

