

Pantheon Report

Generated at 2018-02-28 07:44:52 (UTC).

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

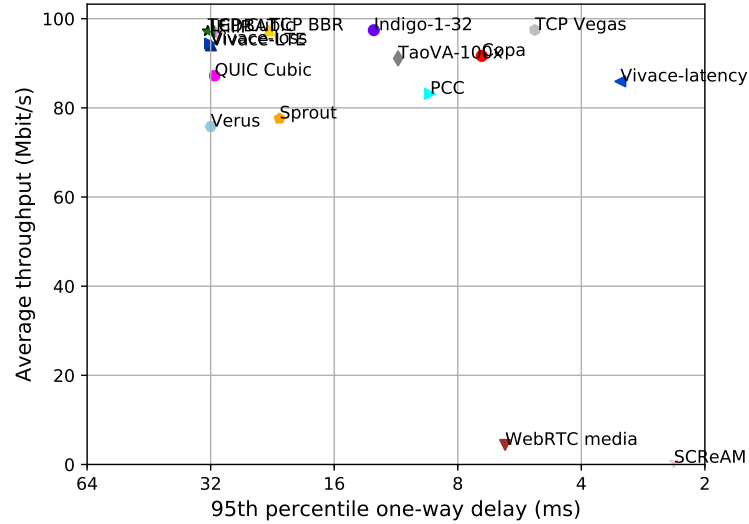
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

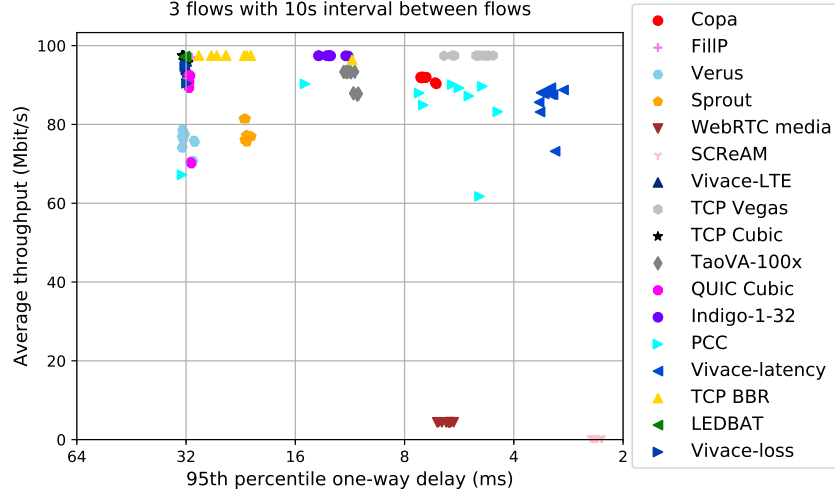
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
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 Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



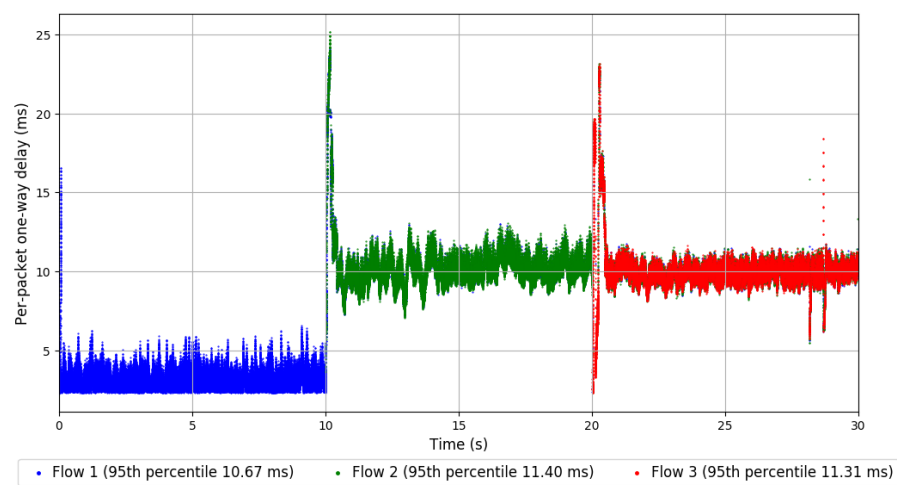
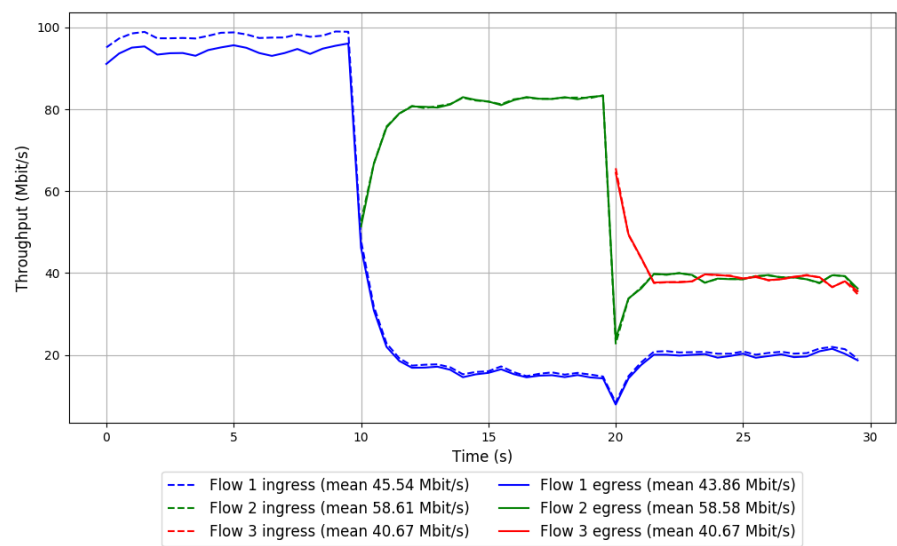
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	64.17	34.43	30.87	21.54	22.65	28.47	0.39	0.04	0.85
TCP Cubic	10	64.75	33.76	30.22	32.19	32.52	32.79	0.03	0.44	0.11
LEDBAT	10	63.84	35.11	30.08	32.12	32.40	32.45	0.03	0.07	0.07
PCC	10	58.89	30.65	11.81	8.52	11.17	13.17	0.73	0.40	0.38
QUIC Cubic	10	49.70	42.49	28.47	30.64	31.34	31.40	0.79	0.19	0.59
SCReAM	10	0.18	0.22	0.21	2.36	2.38	2.38	0.53	0.00	0.23
WebRTC media	10	2.34	1.49	0.56	5.74	6.05	7.80	0.32	0.00	0.32
Sprout	10	41.29	39.05	31.33	20.66	21.87	23.36	1.08	0.01	0.36
TaoVA-100x	10	54.00	41.91	27.68	10.45	11.70	16.86	0.05	0.08	0.40
TCP Vegas	10	46.67	50.69	51.28	8.25	4.84	5.04	0.00	0.00	0.41
Verus	10	46.02	30.76	28.48	29.66	32.29	32.86	8.89	17.54	24.75
Copa	10	54.46	40.10	31.59	6.39	7.10	7.48	0.70	0.00	0.00
FillP	10	58.98	40.04	34.09	30.95	31.30	31.00	16.75	24.12	31.96
Indigo-1-32	10	47.10	42.53	68.05	11.03	13.02	13.36	0.00	0.74	0.00
Vivace-latency	10	52.92	36.49	26.55	2.88	3.44	4.36	0.35	0.00	0.00
Vivace-loss	10	66.25	33.66	17.65	32.12	32.07	32.07	3.60	1.90	2.15
Vivace-LTE	10	62.07	37.34	21.56	31.88	31.98	32.02	0.35	0.98	1.49

Run 1: Statistics of TCP BBR

Start at: 2018-02-28 03:31:51
End at: 2018-02-28 03:32:21
Local clock offset: -3.927 ms
Remote clock offset: -6.798 ms

Below is generated by plot.py at 2018-02-28 07:16:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 11.159 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 43.86 Mbit/s
95th percentile per-packet one-way delay: 10.666 ms
Loss rate: 3.66%
-- Flow 2:
Average throughput: 58.58 Mbit/s
95th percentile per-packet one-way delay: 11.402 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.67 Mbit/s
95th percentile per-packet one-way delay: 11.308 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

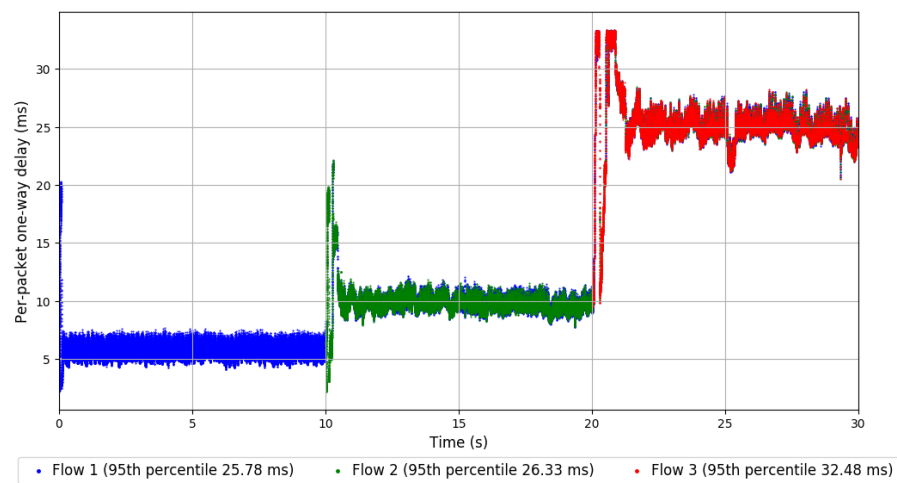
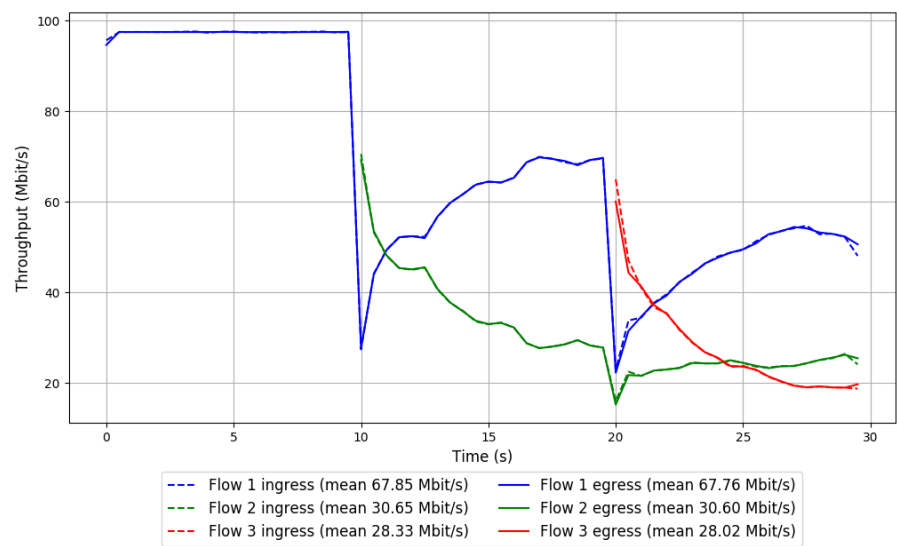


Run 2: Statistics of TCP BBR

Start at: 2018-02-28 03:52:24
End at: 2018-02-28 03:52:54
Local clock offset: -5.156 ms
Remote clock offset: -6.768 ms

Below is generated by plot.py at 2018-02-28 07:16:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 26.327 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 67.76 Mbit/s
95th percentile per-packet one-way delay: 25.777 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 26.334 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 28.02 Mbit/s
95th percentile per-packet one-way delay: 32.484 ms
Loss rate: 0.94%

Run 2: Report of TCP BBR — Data Link

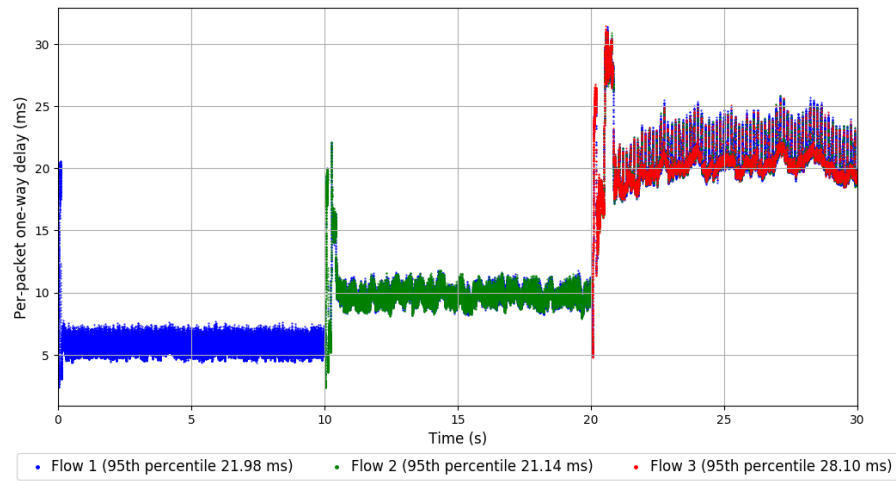
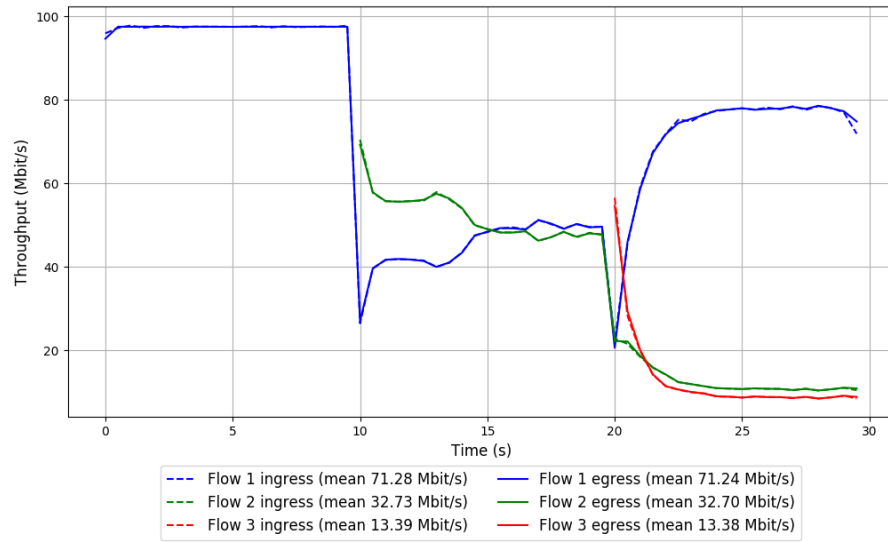


Run 3: Statistics of TCP BBR

Start at: 2018-02-28 04:12:57
End at: 2018-02-28 04:13:27
Local clock offset: -7.016 ms
Remote clock offset: -6.819 ms

Below is generated by plot.py at 2018-02-28 07:16:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 22.114 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.24 Mbit/s
95th percentile per-packet one-way delay: 21.978 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.70 Mbit/s
95th percentile per-packet one-way delay: 21.144 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 28.098 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

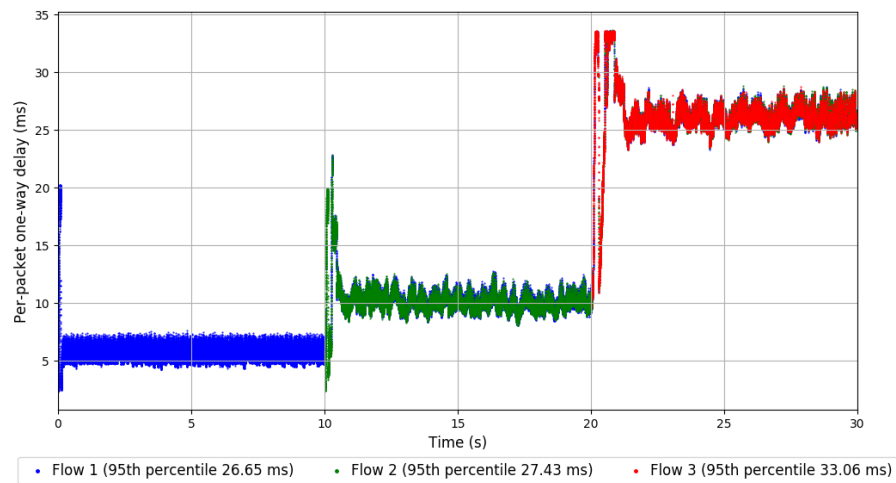
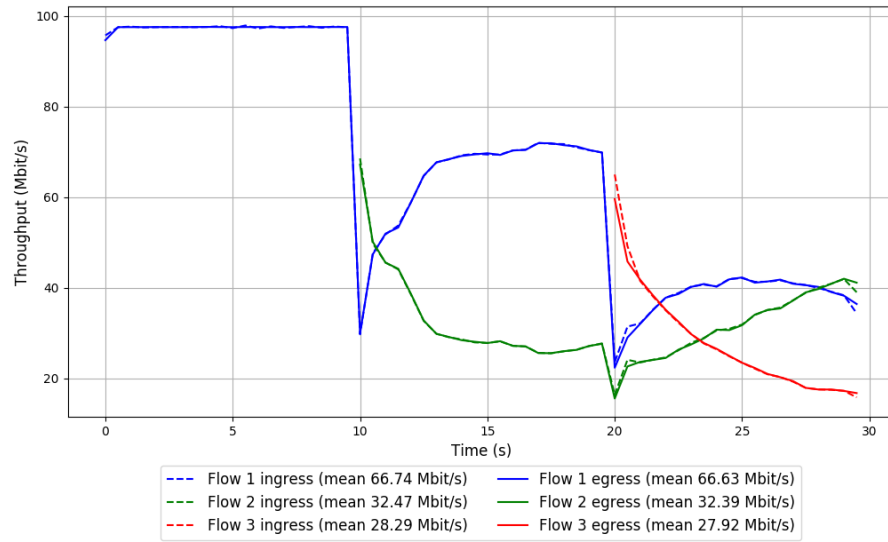


Run 4: Statistics of TCP BBR

Start at: 2018-02-28 04:33:30
End at: 2018-02-28 04:34:00
Local clock offset: -4.264 ms
Remote clock offset: -6.888 ms

Below is generated by plot.py at 2018-02-28 07:16:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 27.266 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 66.63 Mbit/s
95th percentile per-packet one-way delay: 26.650 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 27.425 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 27.92 Mbit/s
95th percentile per-packet one-way delay: 33.063 ms
Loss rate: 1.14%

Run 4: Report of TCP BBR — Data Link

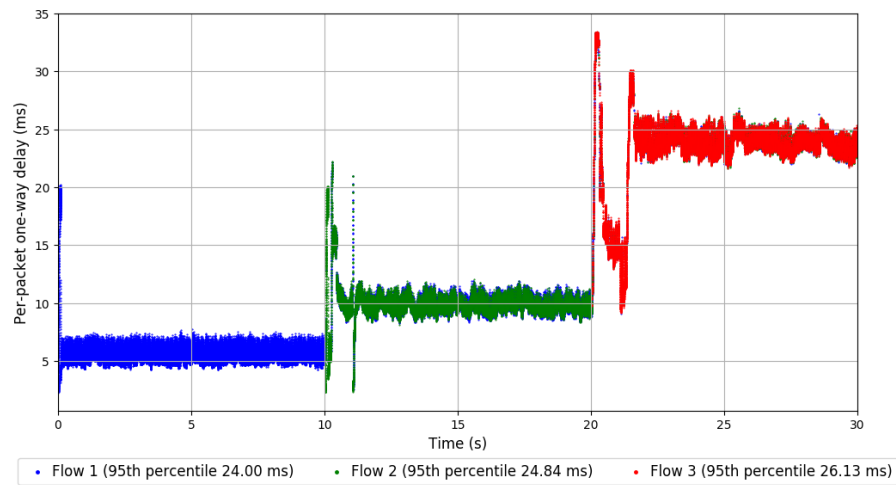
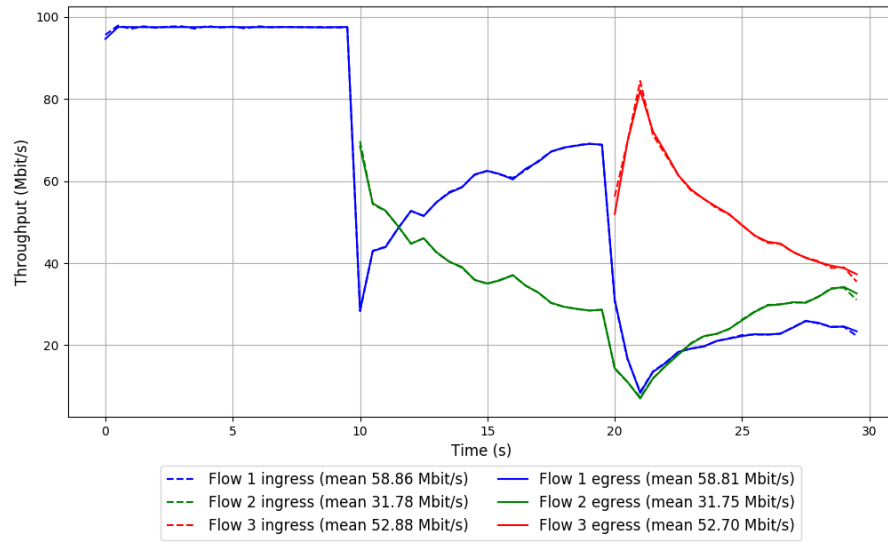


Run 5: Statistics of TCP BBR

Start at: 2018-02-28 04:54:02
End at: 2018-02-28 04:54:32
Local clock offset: -3.339 ms
Remote clock offset: -6.919 ms

Below is generated by plot.py at 2018-02-28 07:16:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 24.873 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 58.81 Mbit/s
95th percentile per-packet one-way delay: 23.998 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 24.838 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 52.70 Mbit/s
95th percentile per-packet one-way delay: 26.130 ms
Loss rate: 0.21%

Run 5: Report of TCP BBR — Data Link

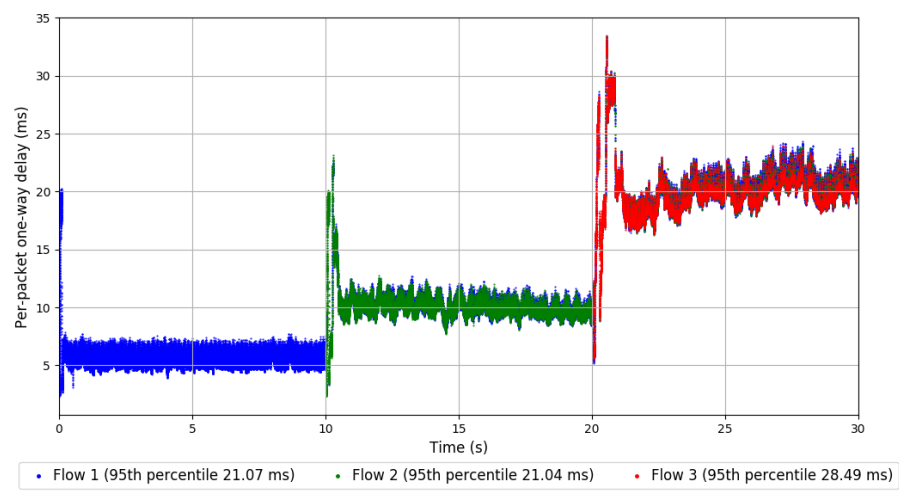
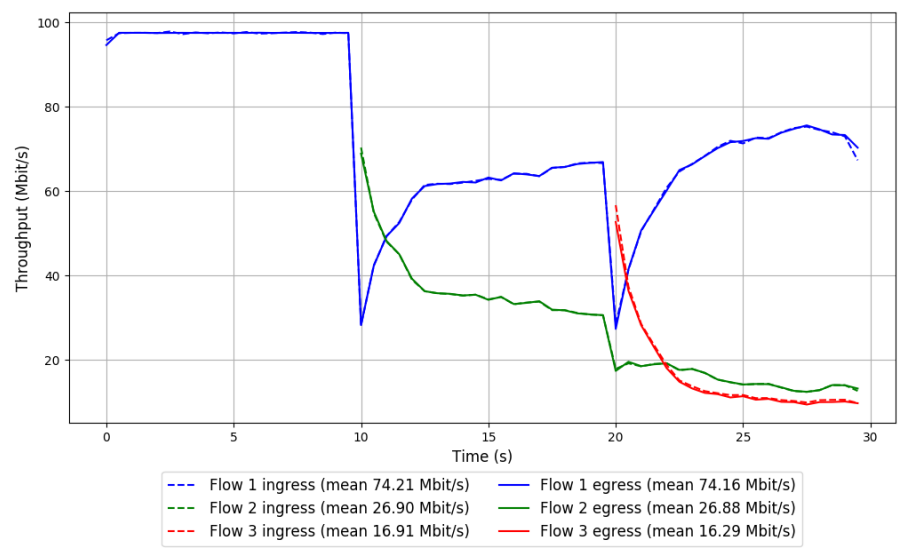


Run 6: Statistics of TCP BBR

Start at: 2018-02-28 05:14:34
End at: 2018-02-28 05:15:04
Local clock offset: -5.39 ms
Remote clock offset: -6.941 ms

Below is generated by plot.py at 2018-02-28 07:16:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 21.239 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 74.16 Mbit/s
95th percentile per-packet one-way delay: 21.072 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 21.038 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.29 Mbit/s
95th percentile per-packet one-way delay: 28.492 ms
Loss rate: 3.55%

Run 6: Report of TCP BBR — Data Link

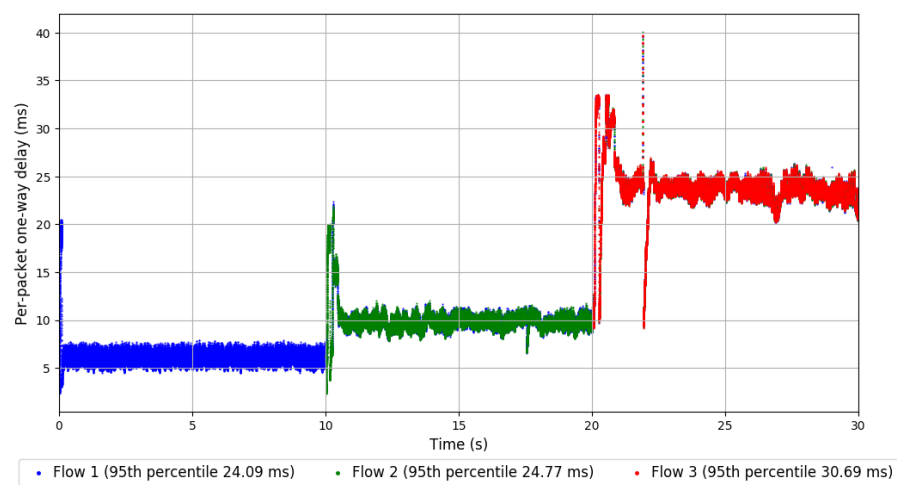
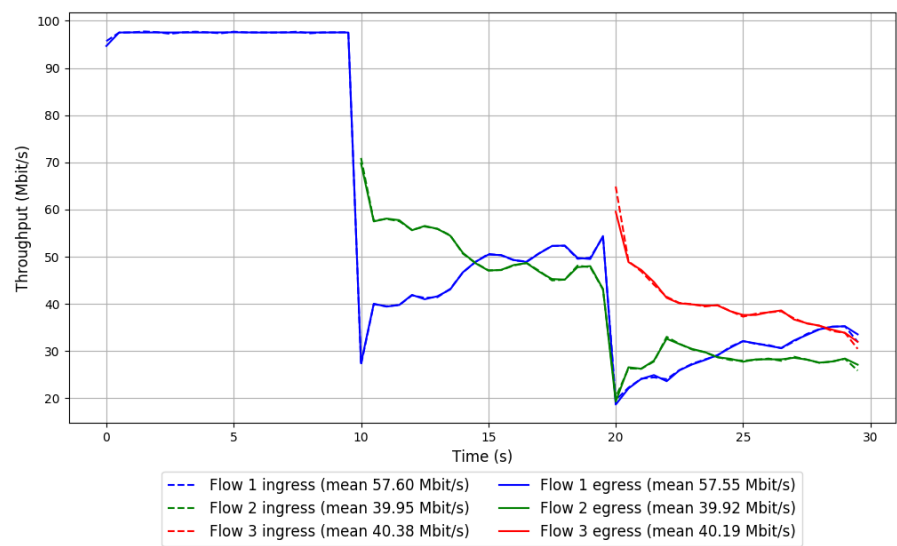


Run 7: Statistics of TCP BBR

Start at: 2018-02-28 05:35:06
End at: 2018-02-28 05:35:36
Local clock offset: -6.091 ms
Remote clock offset: -6.442 ms

Below is generated by plot.py at 2018-02-28 07:16:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 24.817 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 57.55 Mbit/s
95th percentile per-packet one-way delay: 24.091 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 24.771 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 40.19 Mbit/s
95th percentile per-packet one-way delay: 30.693 ms
Loss rate: 0.37%

Run 7: Report of TCP BBR — Data Link

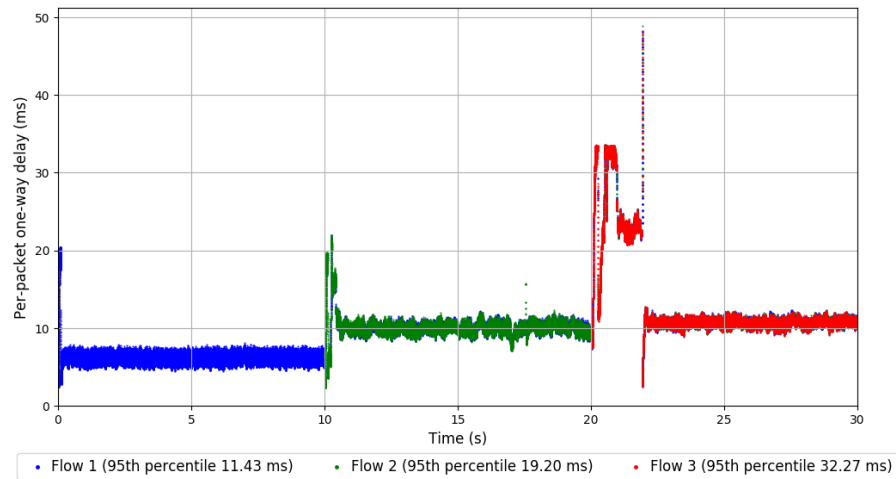
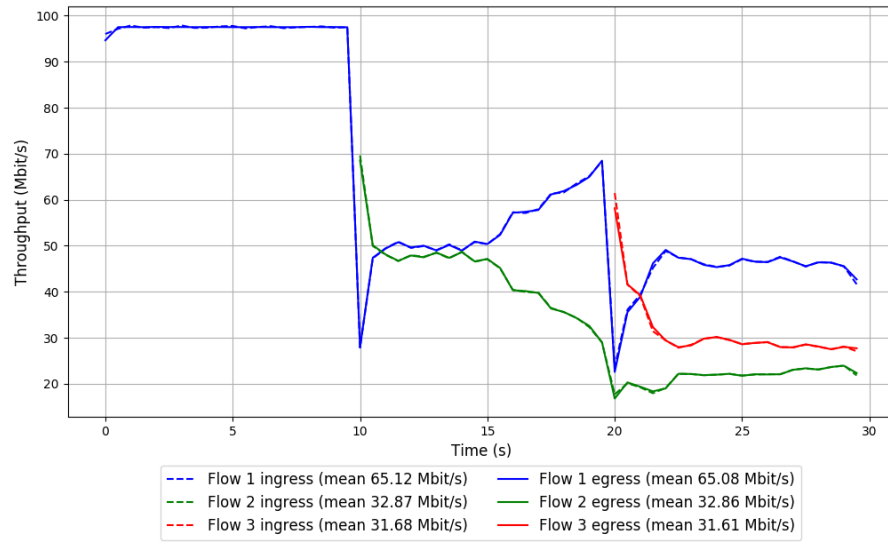


Run 8: Statistics of TCP BBR

Start at: 2018-02-28 05:55:39
End at: 2018-02-28 05:56:09
Local clock offset: -6.59 ms
Remote clock offset: -6.345 ms

Below is generated by plot.py at 2018-02-28 07:16:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 21.773 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 65.08 Mbit/s
95th percentile per-packet one-way delay: 11.427 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 32.86 Mbit/s
95th percentile per-packet one-way delay: 19.205 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 31.61 Mbit/s
95th percentile per-packet one-way delay: 32.274 ms
Loss rate: 0.24%

Run 8: Report of TCP BBR — Data Link

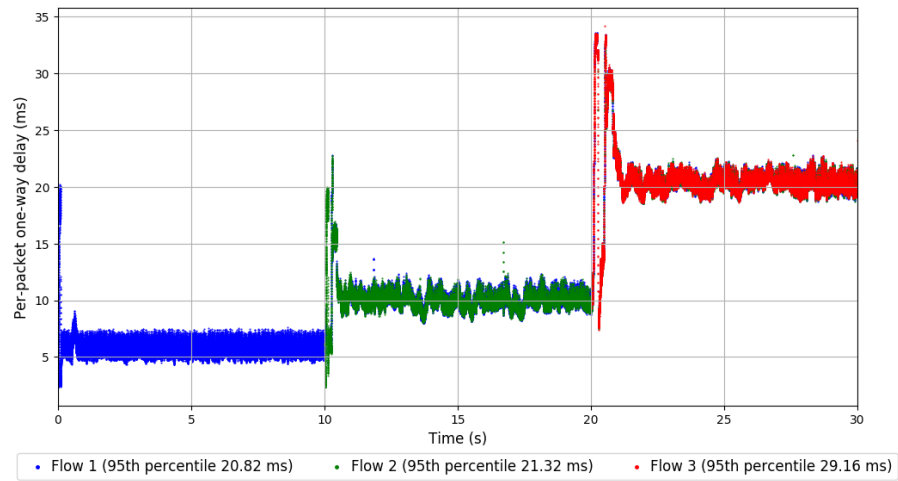
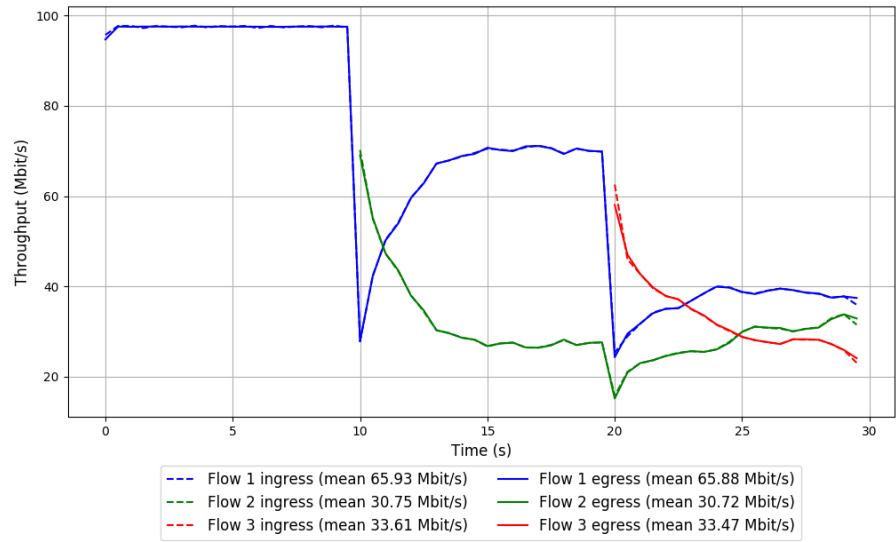


Run 9: Statistics of TCP BBR

Start at: 2018-02-28 06:16:12
End at: 2018-02-28 06:16:42
Local clock offset: -5.49 ms
Remote clock offset: -7.148 ms

Below is generated by plot.py at 2018-02-28 07:18:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 21.255 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 65.88 Mbit/s
95th percentile per-packet one-way delay: 20.819 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 30.72 Mbit/s
95th percentile per-packet one-way delay: 21.321 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 33.47 Mbit/s
95th percentile per-packet one-way delay: 29.159 ms
Loss rate: 0.25%

Run 9: Report of TCP BBR — Data Link

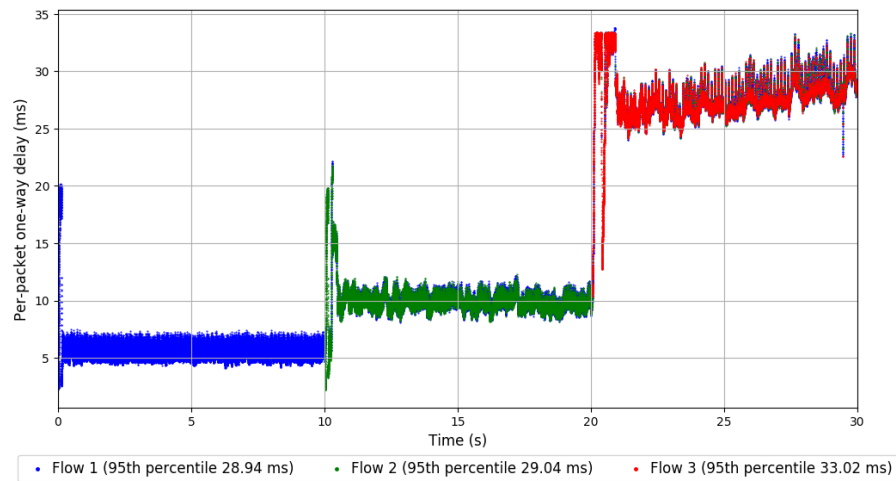
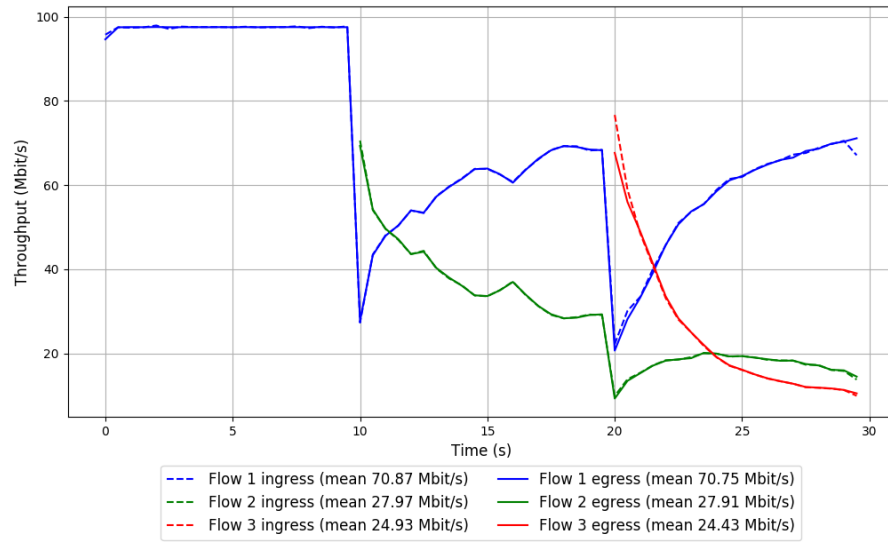


Run 10: Statistics of TCP BBR

Start at: 2018-02-28 06:36:45
End at: 2018-02-28 06:37:15
Local clock offset: -5.201 ms
Remote clock offset: -7.084 ms

Below is generated by plot.py at 2018-02-28 07:18:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 29.496 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 70.75 Mbit/s
95th percentile per-packet one-way delay: 28.941 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 27.91 Mbit/s
95th percentile per-packet one-way delay: 29.036 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 33.015 ms
Loss rate: 1.82%

Run 10: Report of TCP BBR — Data Link

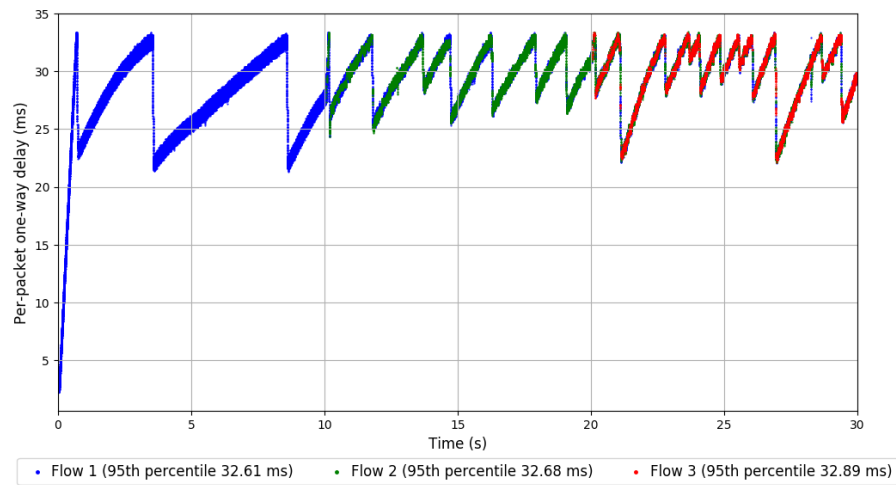
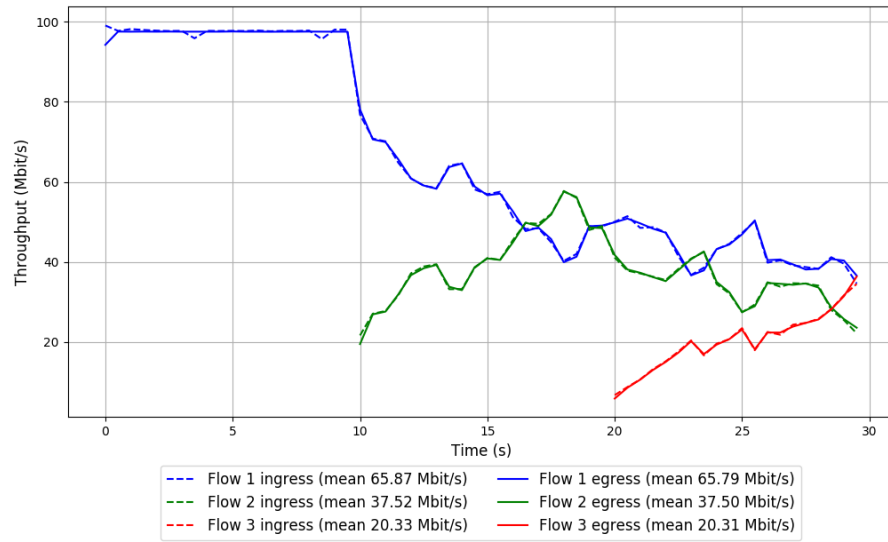


Run 1: Statistics of TCP Cubic

Start at: 2018-02-28 03:43:17
End at: 2018-02-28 03:43:47
Local clock offset: -3.726 ms
Remote clock offset: -6.859 ms

Below is generated by plot.py at 2018-02-28 07:18:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.651 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 65.79 Mbit/s
95th percentile per-packet one-way delay: 32.613 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.50 Mbit/s
95th percentile per-packet one-way delay: 32.683 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 32.889 ms
Loss rate: 0.13%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-02-28 04:03:50

End at: 2018-02-28 04:04:20

Local clock offset: -6.373 ms

Remote clock offset: -6.88 ms

Below is generated by plot.py at 2018-02-28 07:18:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 32.298 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 46.33 Mbit/s

95th percentile per-packet one-way delay: 31.341 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 58.81 Mbit/s

95th percentile per-packet one-way delay: 32.482 ms

Loss rate: 0.03%

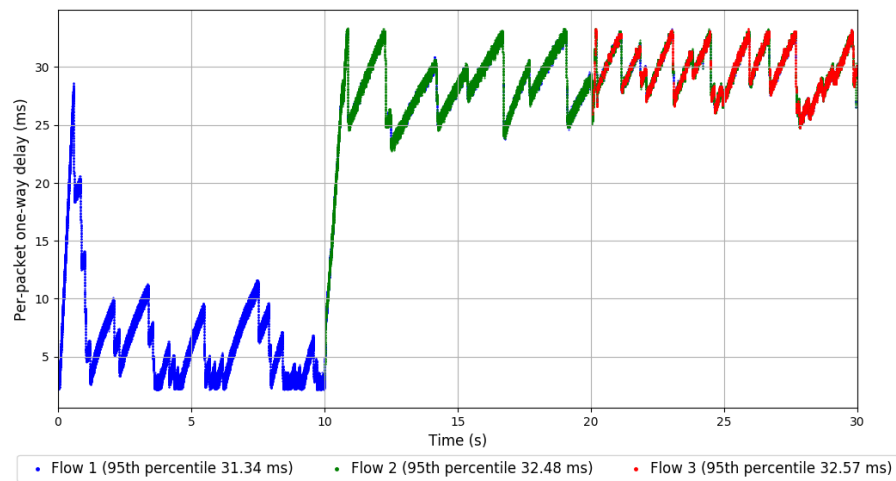
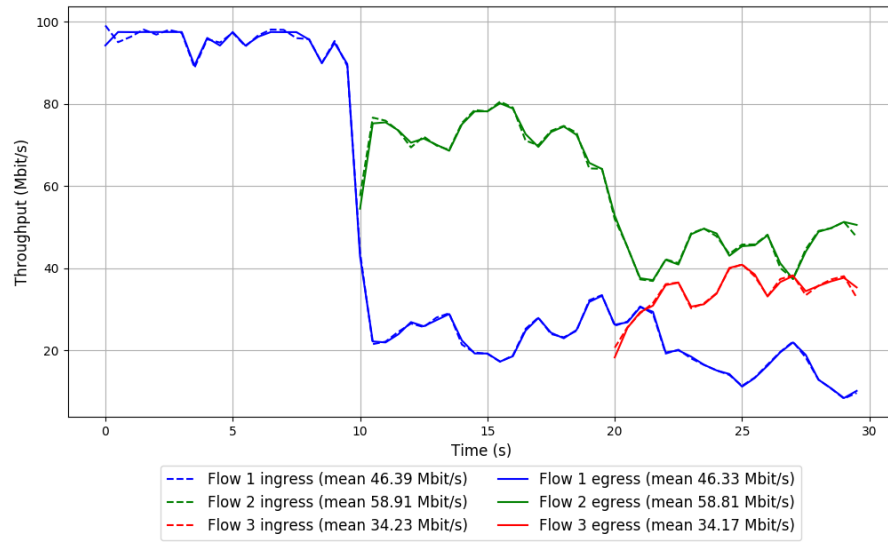
-- Flow 3:

Average throughput: 34.17 Mbit/s

95th percentile per-packet one-way delay: 32.574 ms

Loss rate: 0.13%

Run 2: Report of TCP Cubic — Data Link

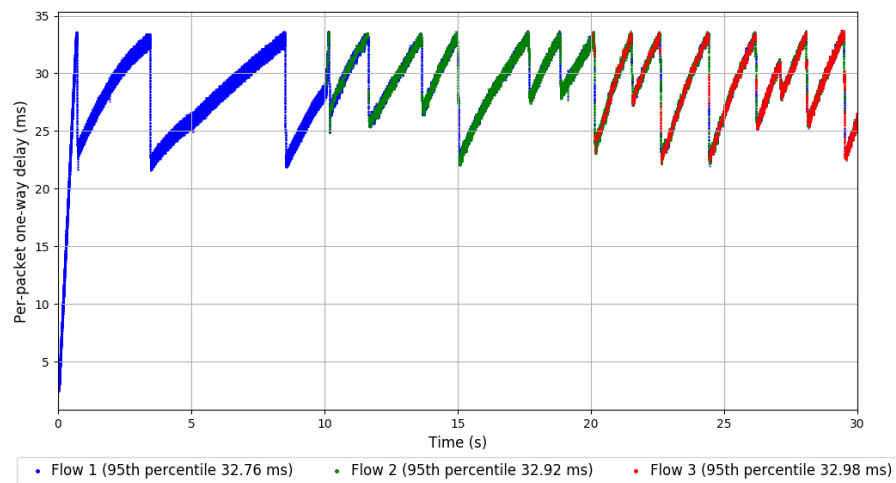
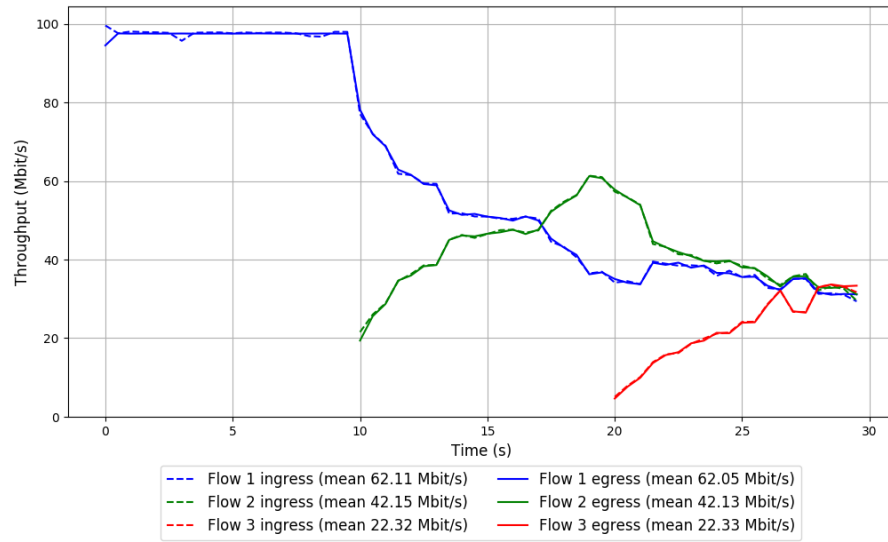


Run 3: Statistics of TCP Cubic

Start at: 2018-02-28 04:24:23
End at: 2018-02-28 04:24:53
Local clock offset: -5.834 ms
Remote clock offset: -6.867 ms

Below is generated by plot.py at 2018-02-28 07:18:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.861 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.05 Mbit/s
95th percentile per-packet one-way delay: 32.764 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 42.13 Mbit/s
95th percentile per-packet one-way delay: 32.923 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: 32.977 ms
Loss rate: 0.04%

Run 3: Report of TCP Cubic — Data Link

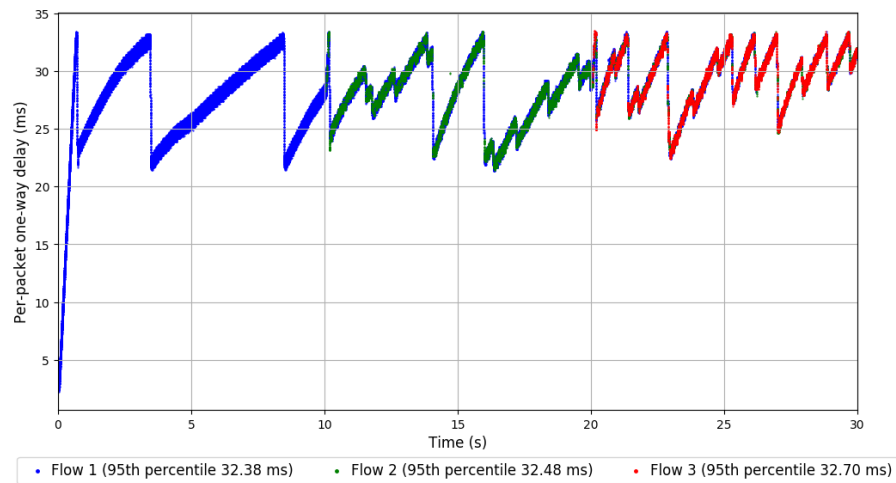
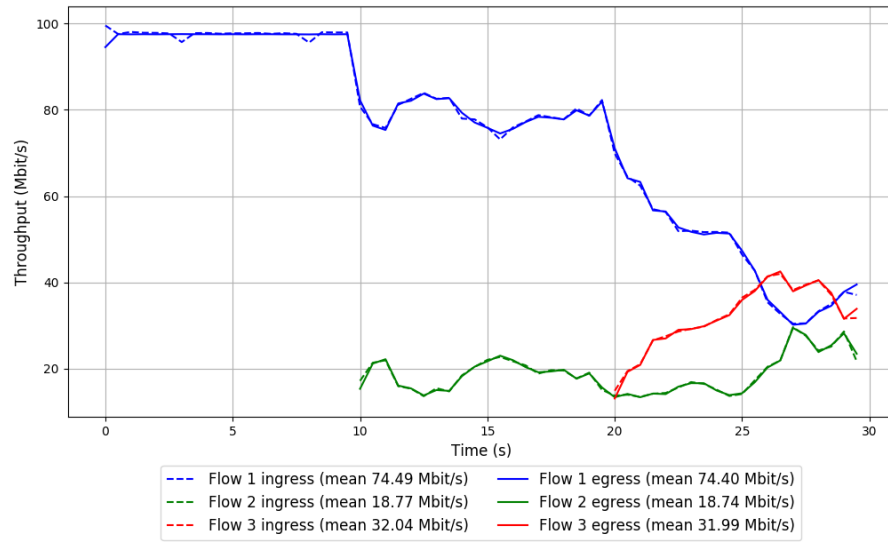


Run 4: Statistics of TCP Cubic

Start at: 2018-02-28 04:44:56
End at: 2018-02-28 04:45:26
Local clock offset: -3.572 ms
Remote clock offset: -6.971 ms

Below is generated by plot.py at 2018-02-28 07:18:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.436 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 74.40 Mbit/s
95th percentile per-packet one-way delay: 32.380 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 32.479 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 32.695 ms
Loss rate: 0.12%

Run 4: Report of TCP Cubic — Data Link

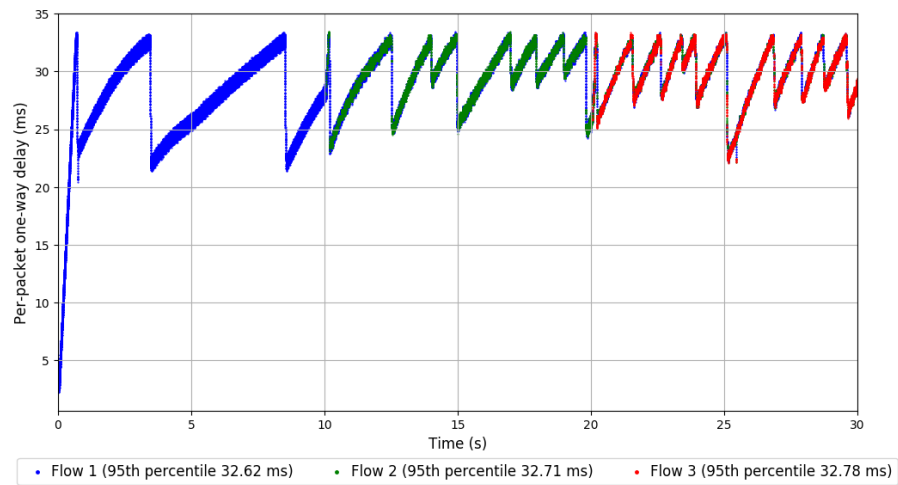
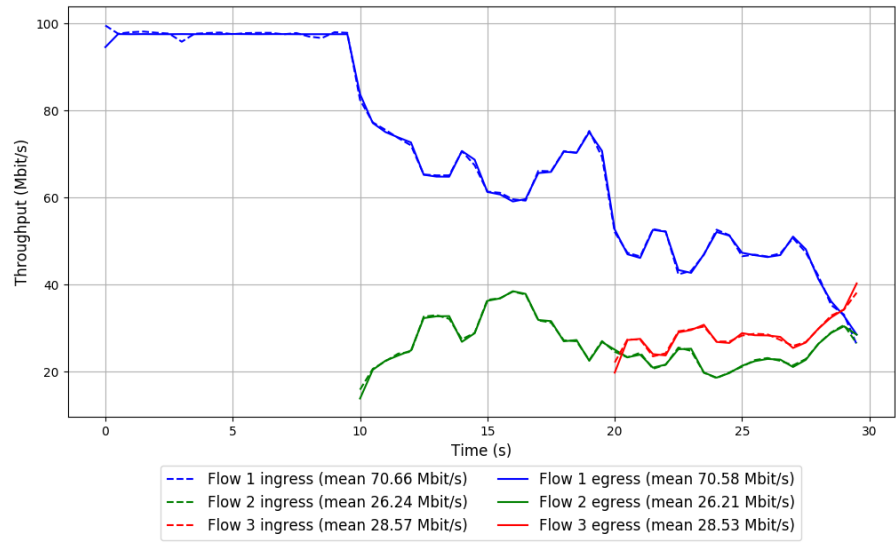


Run 5: Statistics of TCP Cubic

Start at: 2018-02-28 05:05:27
End at: 2018-02-28 05:05:57
Local clock offset: -4.837 ms
Remote clock offset: -6.928 ms

Below is generated by plot.py at 2018-02-28 07:18:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.651 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 70.58 Mbit/s
95th percentile per-packet one-way delay: 32.621 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 26.21 Mbit/s
95th percentile per-packet one-way delay: 32.711 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 28.53 Mbit/s
95th percentile per-packet one-way delay: 32.778 ms
Loss rate: 0.14%

Run 5: Report of TCP Cubic — Data Link

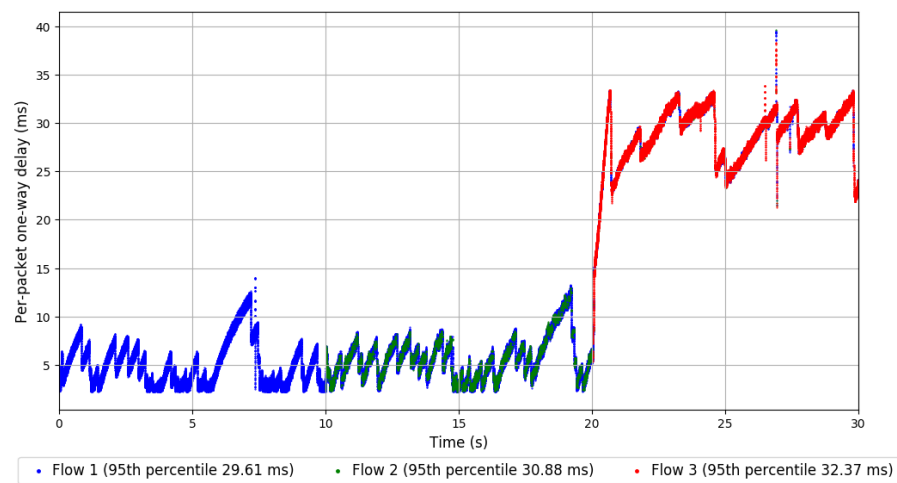
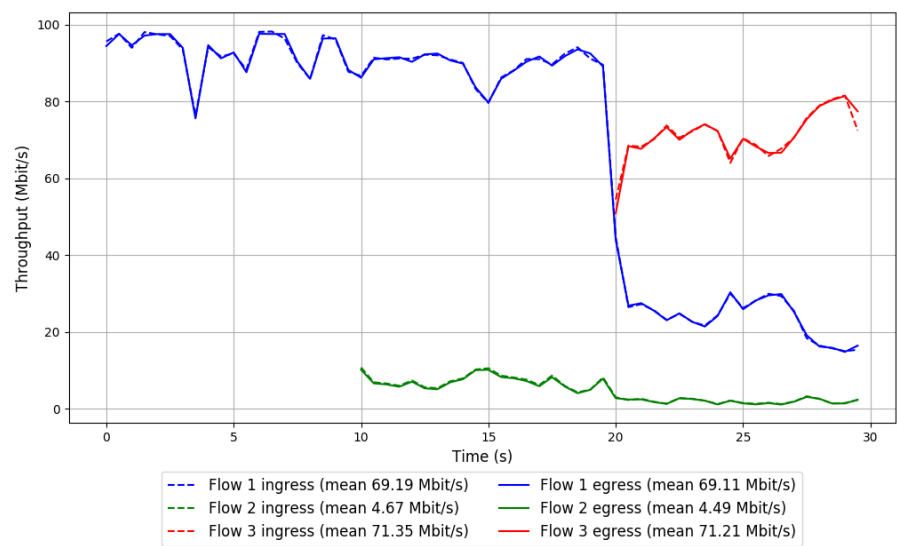


Run 6: Statistics of TCP Cubic

Start at: 2018-02-28 05:26:00
End at: 2018-02-28 05:26:30
Local clock offset: -5.794 ms
Remote clock offset: -6.709 ms

Below is generated by plot.py at 2018-02-28 07:18:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 31.542 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 69.11 Mbit/s
95th percentile per-packet one-way delay: 29.615 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 30.880 ms
Loss rate: 3.65%
-- Flow 3:
Average throughput: 71.21 Mbit/s
95th percentile per-packet one-way delay: 32.374 ms
Loss rate: 0.02%

Run 6: Report of TCP Cubic — Data Link

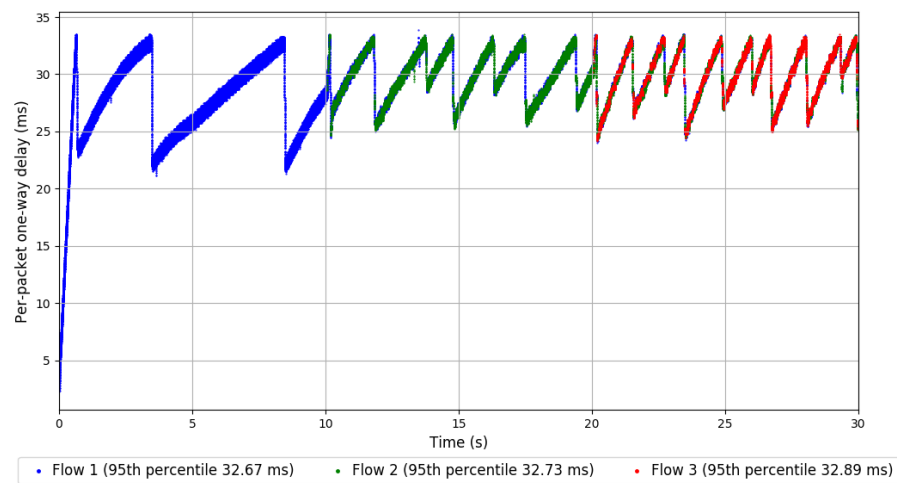
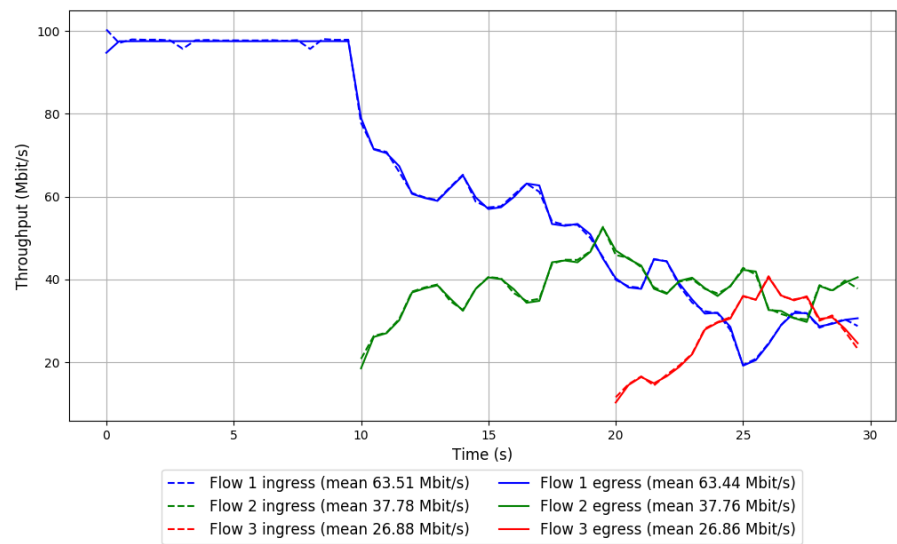


Run 7: Statistics of TCP Cubic

Start at: 2018-02-28 05:46:32
End at: 2018-02-28 05:47:02
Local clock offset: -6.328 ms
Remote clock offset: -6.302 ms

Below is generated by plot.py at 2018-02-28 07:19:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.704 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 63.44 Mbit/s
95th percentile per-packet one-way delay: 32.668 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.76 Mbit/s
95th percentile per-packet one-way delay: 32.728 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 32.891 ms
Loss rate: 0.11%

Run 7: Report of TCP Cubic — Data Link

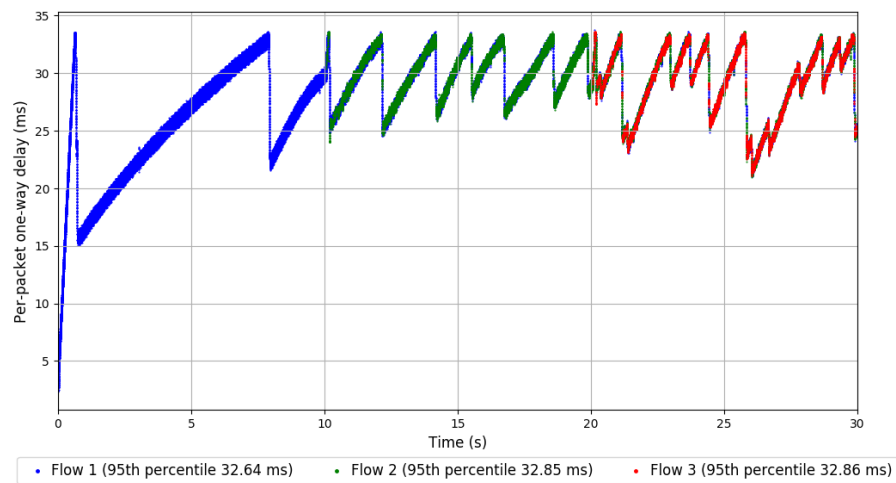
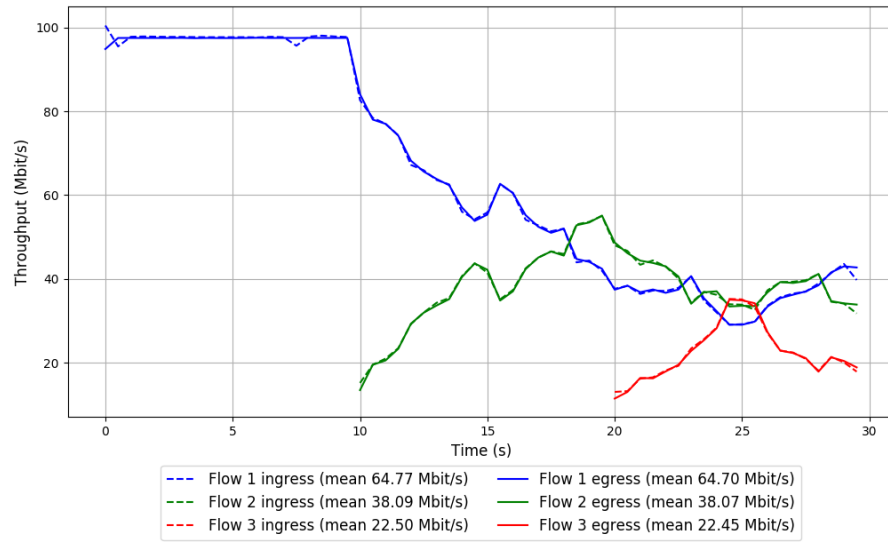


Run 8: Statistics of TCP Cubic

Start at: 2018-02-28 06:07:05
End at: 2018-02-28 06:07:35
Local clock offset: -6.097 ms
Remote clock offset: -6.957 ms

Below is generated by plot.py at 2018-02-28 07:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.787 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 64.70 Mbit/s
95th percentile per-packet one-way delay: 32.644 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 32.846 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: 32.861 ms
Loss rate: 0.23%

Run 8: Report of TCP Cubic — Data Link

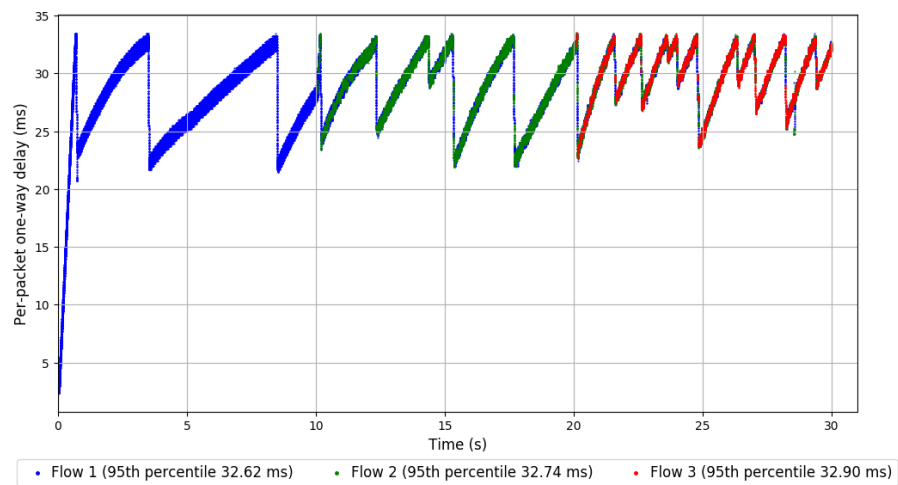
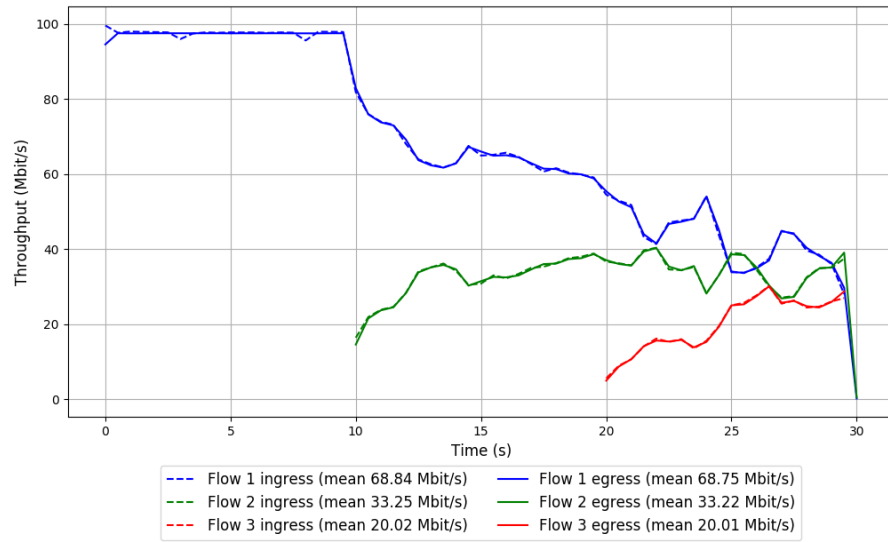


Run 9: Statistics of TCP Cubic

Start at: 2018-02-28 06:27:38
End at: 2018-02-28 06:28:08
Local clock offset: -5.236 ms
Remote clock offset: -7.237 ms

Below is generated by plot.py at 2018-02-28 07:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.688 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 68.75 Mbit/s
95th percentile per-packet one-way delay: 32.616 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 32.740 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 32.902 ms
Loss rate: 0.07%

Run 9: Report of TCP Cubic — Data Link

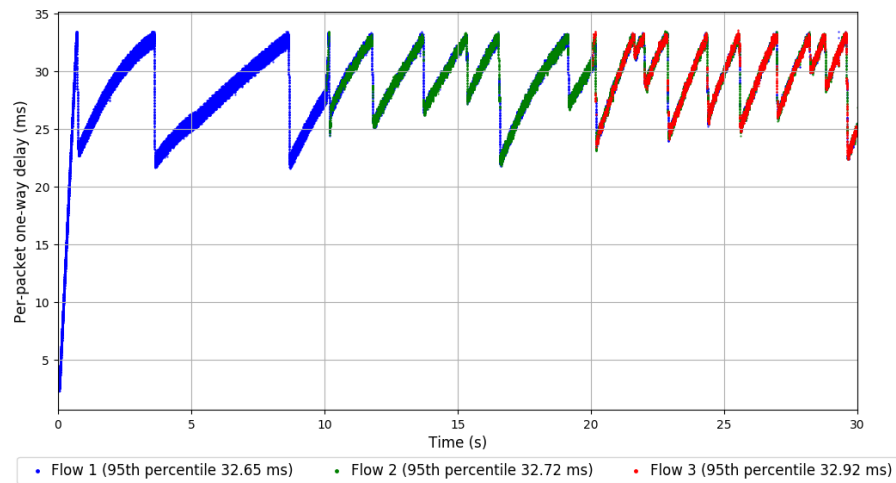
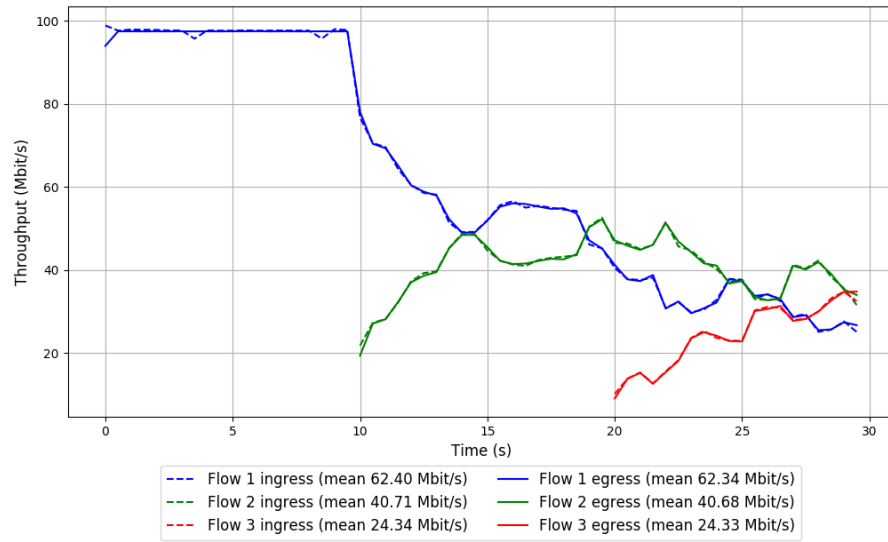


Run 10: Statistics of TCP Cubic

Start at: 2018-02-28 06:48:11
End at: 2018-02-28 06:48:41
Local clock offset: -5.66 ms
Remote clock offset: -7.005 ms

Below is generated by plot.py at 2018-02-28 07:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.695 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.34 Mbit/s
95th percentile per-packet one-way delay: 32.646 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 32.722 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 32.919 ms
Loss rate: 0.10%

Run 10: Report of TCP Cubic — Data Link

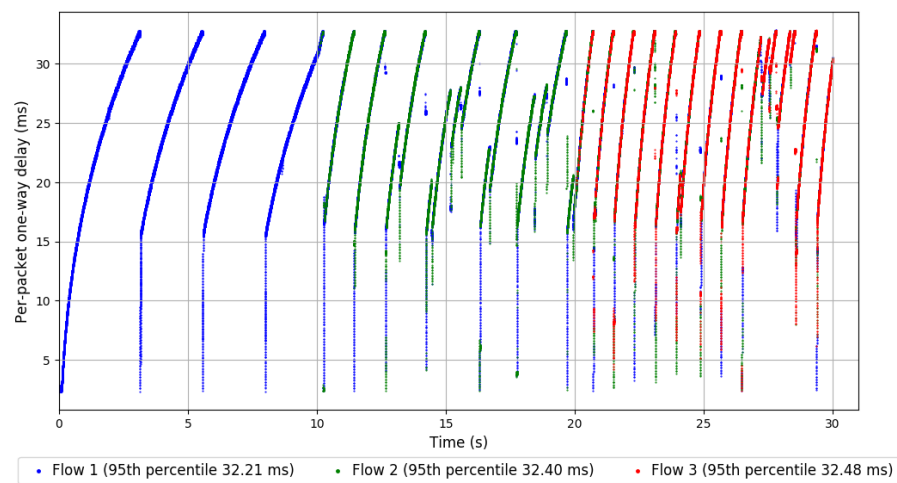
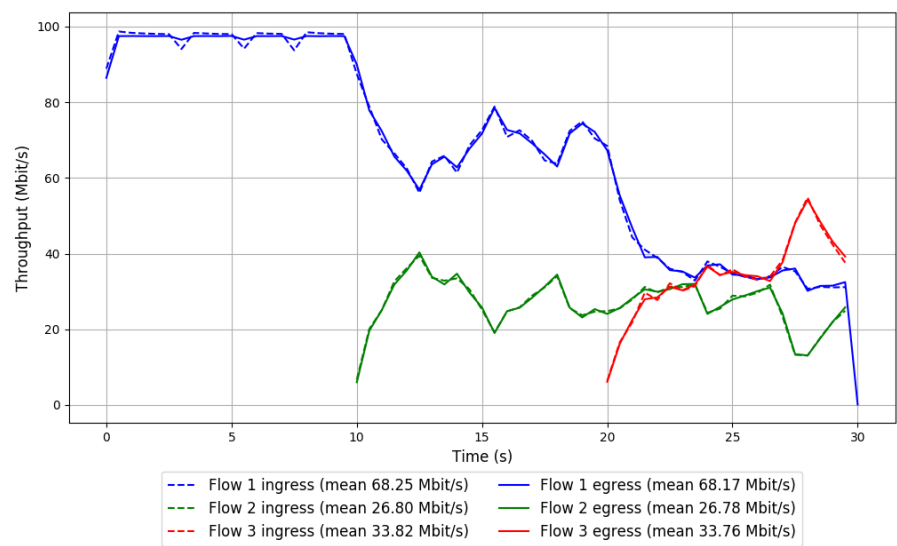


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-28 03:25:02
End at: 2018-02-28 03:25:32
Local clock offset: -4.3 ms
Remote clock offset: -6.83 ms

# Below is generated by plot.py at 2018-02-28 07:19:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 32.254 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 68.17 Mbit/s
95th percentile per-packet one-way delay: 32.210 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 32.398 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 33.76 Mbit/s
95th percentile per-packet one-way delay: 32.481 ms
Loss rate: 0.07%
```


Run 1: Report of LEDBAT — Data Link

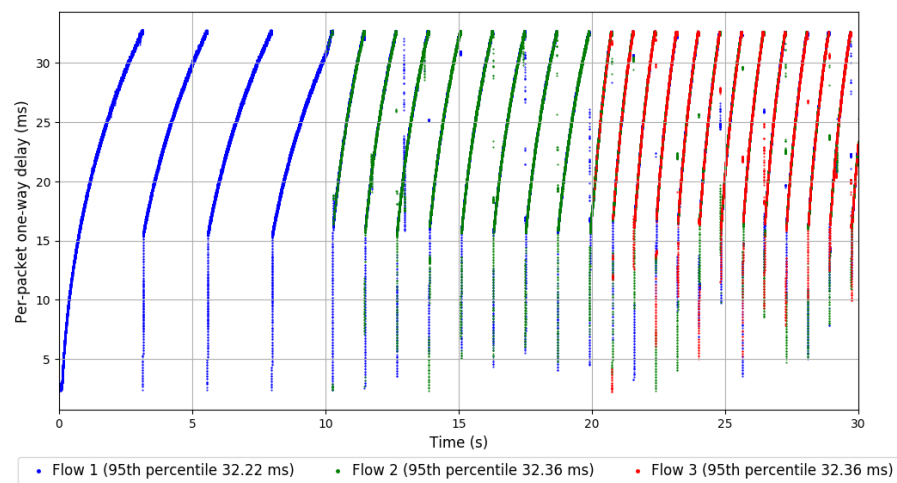
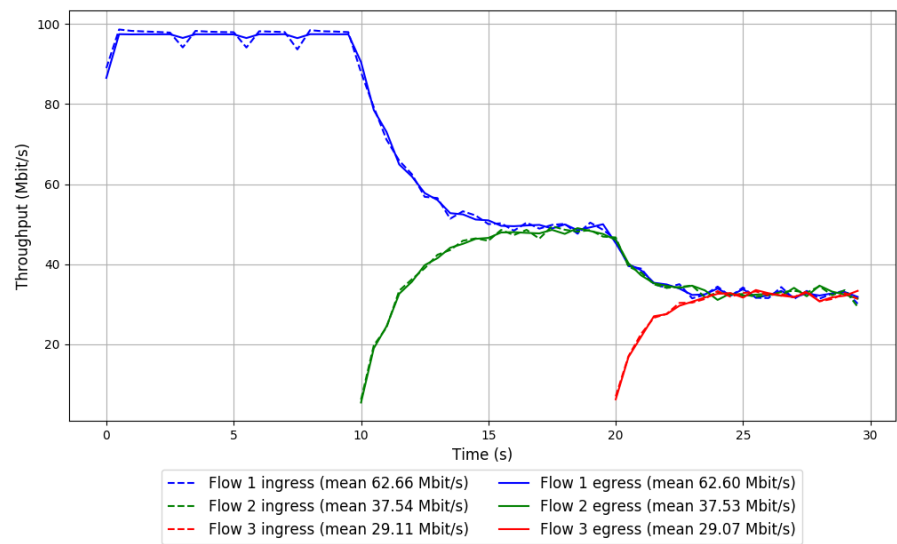


Run 2: Statistics of LEDBAT

Start at: 2018-02-28 03:45:35
End at: 2018-02-28 03:46:05
Local clock offset: -3.742 ms
Remote clock offset: -6.764 ms

Below is generated by plot.py at 2018-02-28 07:19:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 32.253 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.60 Mbit/s
95th percentile per-packet one-way delay: 32.217 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.53 Mbit/s
95th percentile per-packet one-way delay: 32.362 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 32.362 ms
Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link

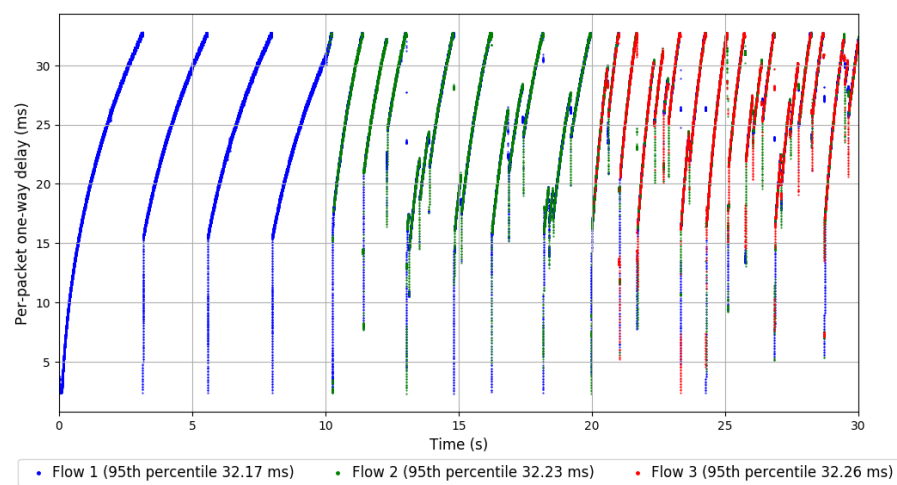
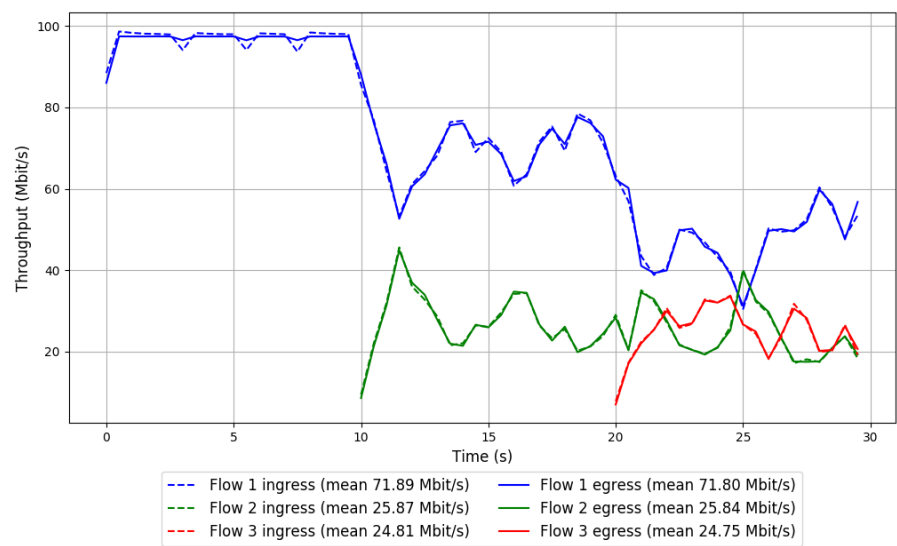


Run 3: Statistics of LEDBAT

Start at: 2018-02-28 04:06:07
End at: 2018-02-28 04:06:37
Local clock offset: -6.605 ms
Remote clock offset: -6.805 ms

Below is generated by plot.py at 2018-02-28 07:19:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 32.197 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 71.80 Mbit/s
95th percentile per-packet one-way delay: 32.174 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 32.226 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 32.257 ms
Loss rate: 0.09%

Run 3: Report of LEDBAT — Data Link

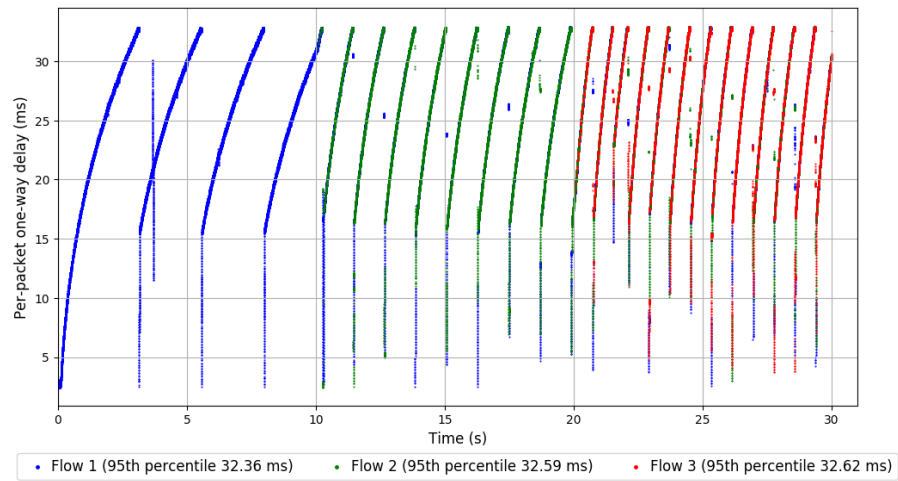
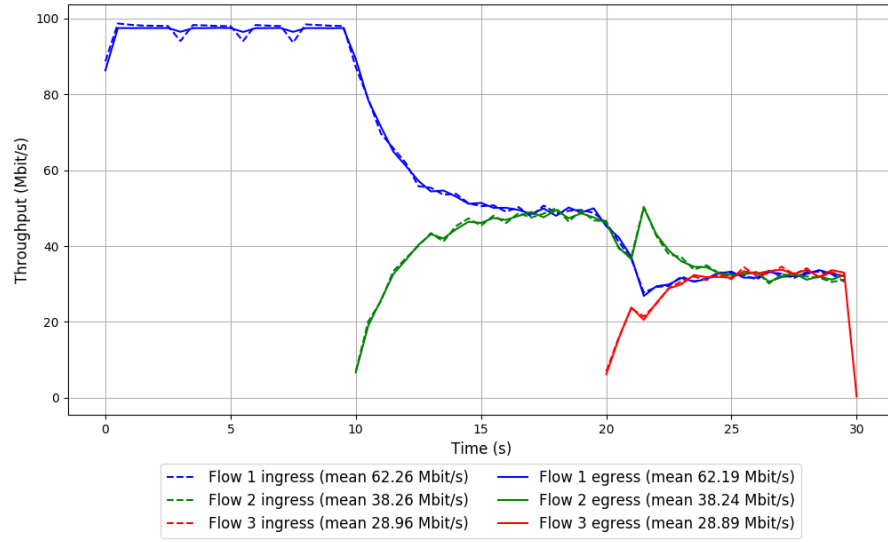


Run 4: Statistics of LEDBAT

Start at: 2018-02-28 04:26:40
End at: 2018-02-28 04:27:10
Local clock offset: -5.288 ms
Remote clock offset: -6.867 ms

Below is generated by plot.py at 2018-02-28 07:19:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 32.430 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.19 Mbit/s
95th percentile per-packet one-way delay: 32.359 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.24 Mbit/s
95th percentile per-packet one-way delay: 32.587 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.89 Mbit/s
95th percentile per-packet one-way delay: 32.616 ms
Loss rate: 0.09%

Run 4: Report of LEDBAT — Data Link

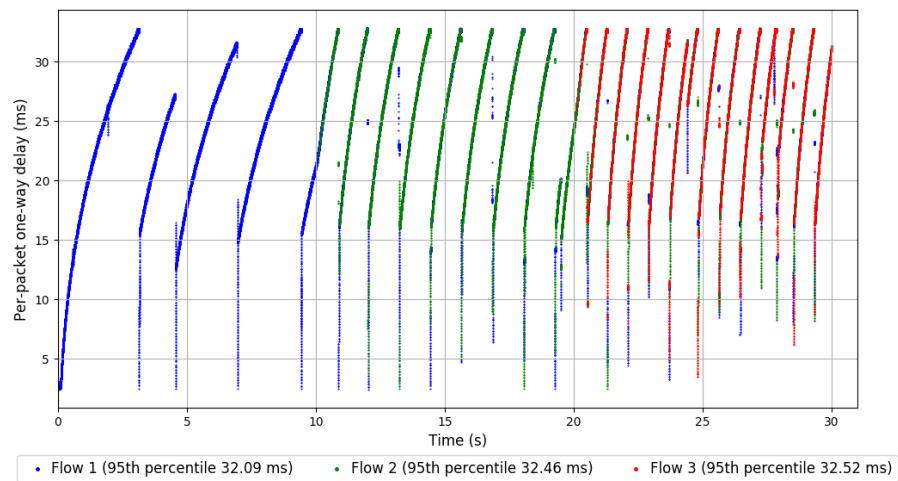
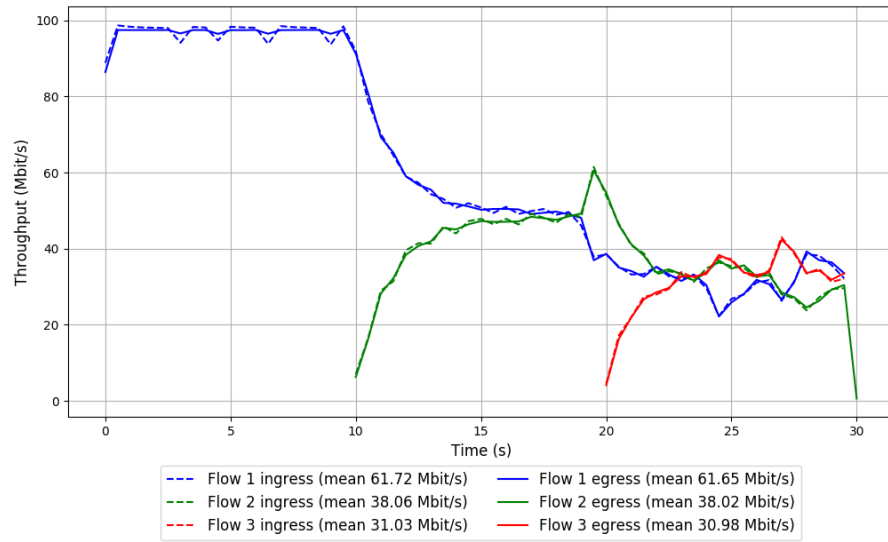


Run 5: Statistics of LEDBAT

Start at: 2018-02-28 04:47:13
End at: 2018-02-28 04:47:43
Local clock offset: -3.541 ms
Remote clock offset: -6.891 ms

Below is generated by plot.py at 2018-02-28 07:21:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 32.299 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 61.65 Mbit/s
95th percentile per-packet one-way delay: 32.092 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 32.464 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 30.98 Mbit/s
95th percentile per-packet one-way delay: 32.521 ms
Loss rate: 0.09%

Run 5: Report of LEDBAT — Data Link

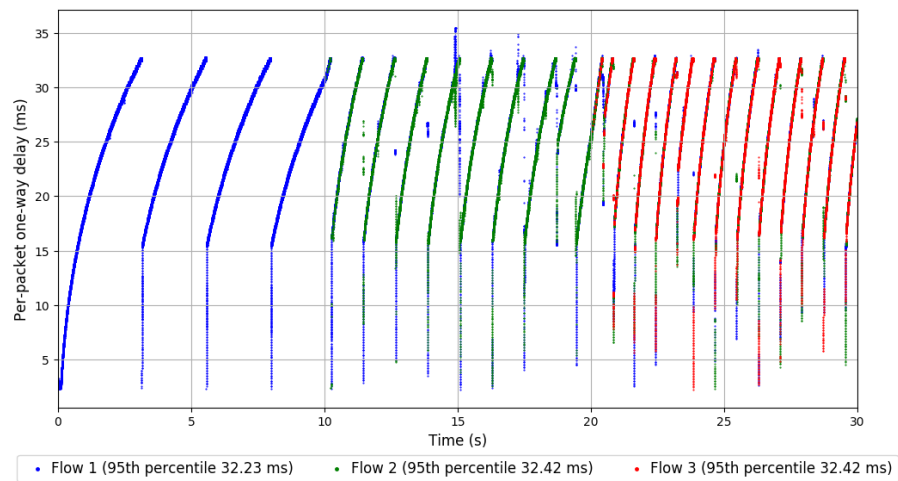
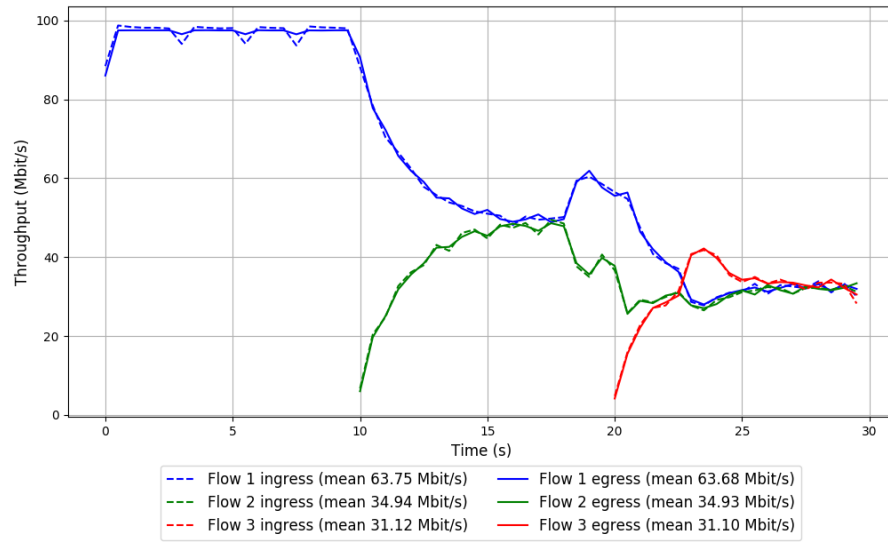


Run 6: Statistics of LEDBAT

Start at: 2018-02-28 05:07:45
End at: 2018-02-28 05:08:15
Local clock offset: -5.07 ms
Remote clock offset: -6.941 ms

Below is generated by plot.py at 2018-02-28 07:21:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 32.250 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 63.68 Mbit/s
95th percentile per-packet one-way delay: 32.227 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 34.93 Mbit/s
95th percentile per-packet one-way delay: 32.417 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 32.420 ms
Loss rate: 0.07%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-28 05:28:17

End at: 2018-02-28 05:28:47

Local clock offset: -5.926 ms

Remote clock offset: -6.62 ms

Below is generated by plot.py at 2018-02-28 07:21:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.17 Mbit/s

95th percentile per-packet one-way delay: 32.311 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 63.37 Mbit/s

95th percentile per-packet one-way delay: 32.241 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 33.64 Mbit/s

95th percentile per-packet one-way delay: 32.452 ms

Loss rate: 0.08%

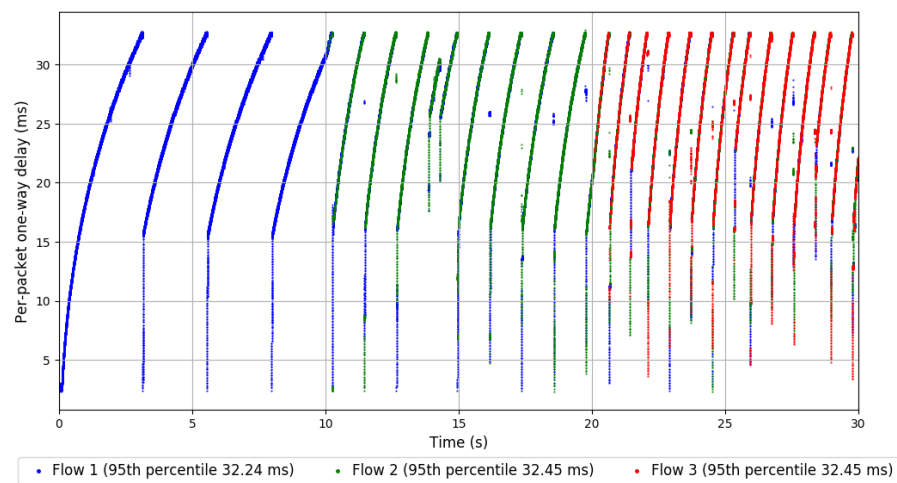
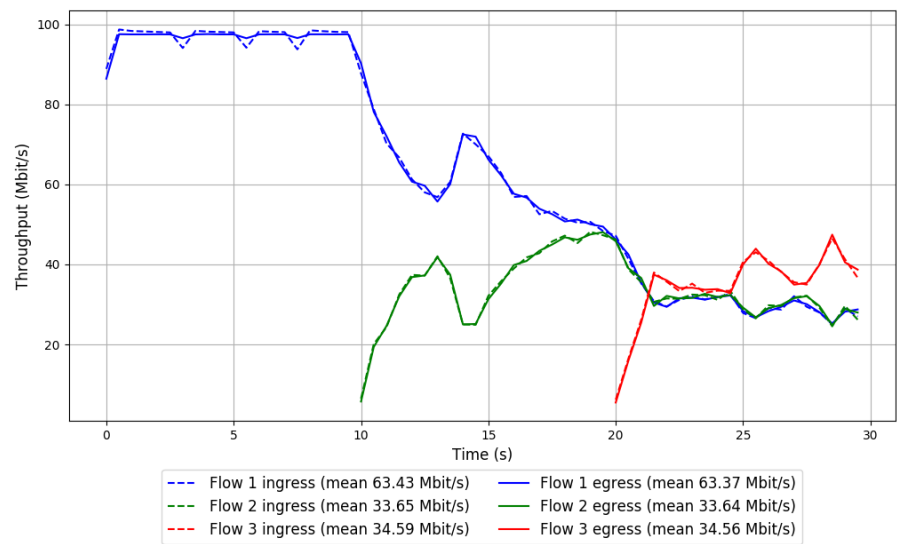
-- Flow 3:

Average throughput: 34.56 Mbit/s

95th percentile per-packet one-way delay: 32.445 ms

Loss rate: 0.05%

Run 7: Report of LEDBAT — Data Link

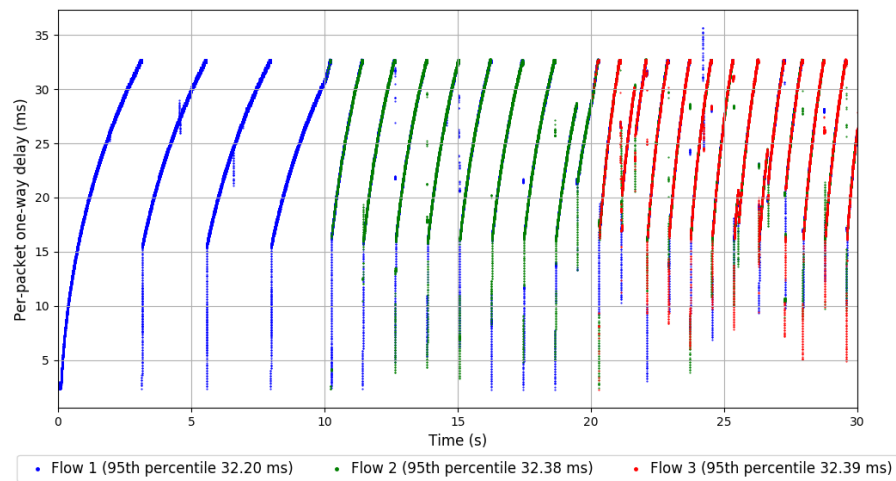
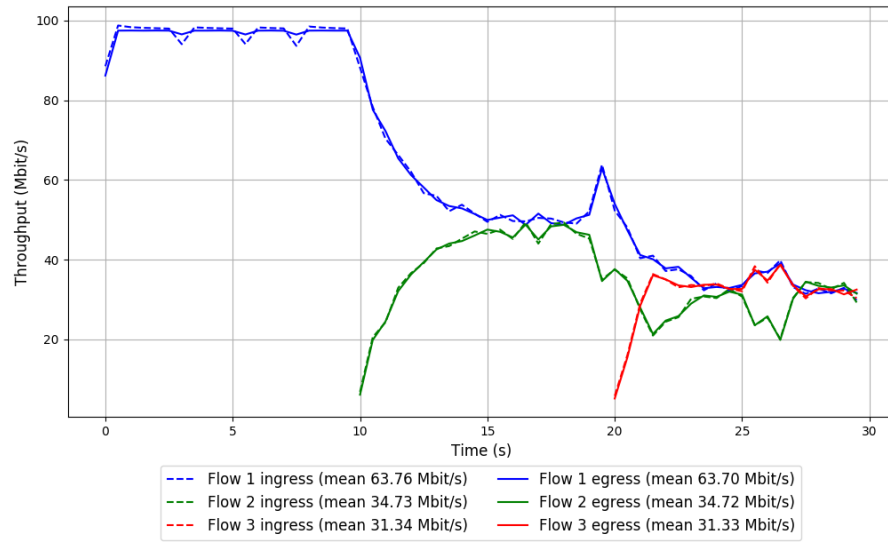


Run 8: Statistics of LEDBAT

Start at: 2018-02-28 05:48:49
End at: 2018-02-28 05:49:19
Local clock offset: -6.39 ms
Remote clock offset: -6.289 ms

Below is generated by plot.py at 2018-02-28 07:21:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 32.216 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 63.70 Mbit/s
95th percentile per-packet one-way delay: 32.195 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 34.72 Mbit/s
95th percentile per-packet one-way delay: 32.376 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 32.392 ms
Loss rate: 0.06%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-28 06:09:23

End at: 2018-02-28 06:09:53

Local clock offset: -5.856 ms

Remote clock offset: -7.01 ms

Below is generated by plot.py at 2018-02-28 07:21:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: 31.992 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 56.87 Mbit/s

95th percentile per-packet one-way delay: 31.275 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 47.62 Mbit/s

95th percentile per-packet one-way delay: 32.302 ms

Loss rate: 0.04%

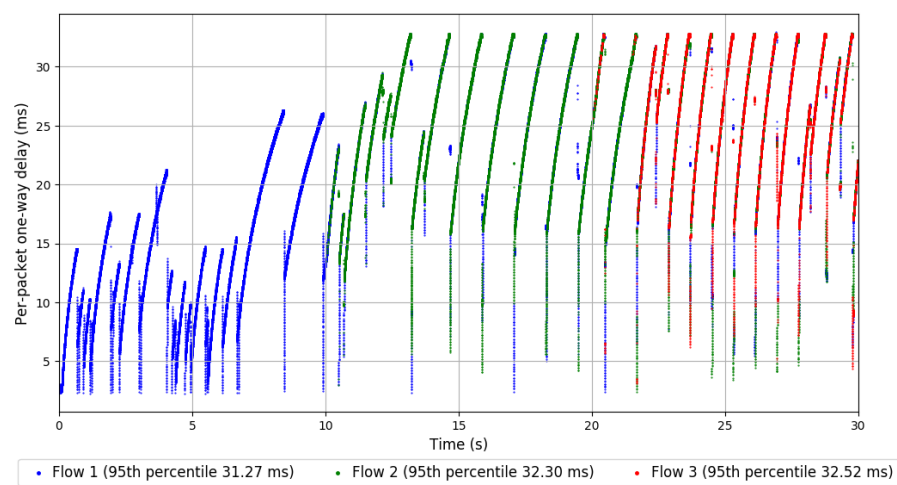
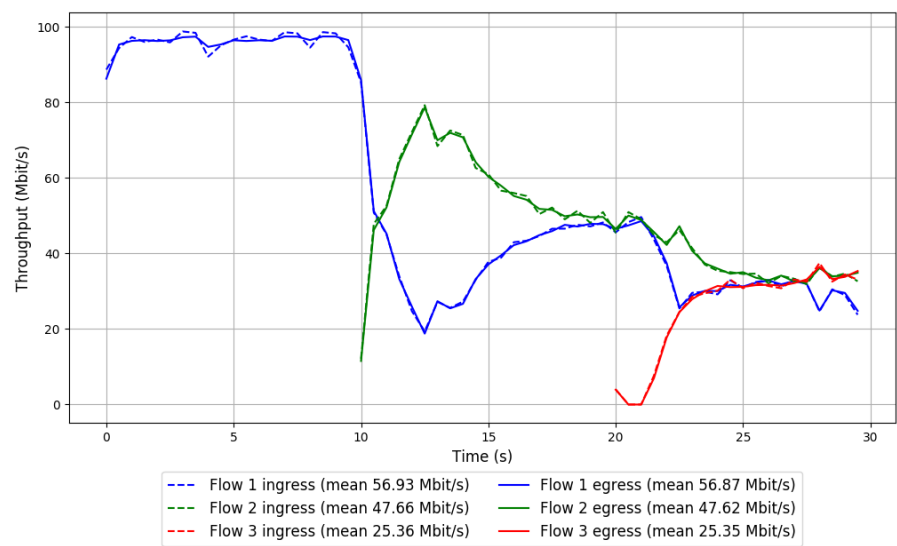
-- Flow 3:

Average throughput: 25.35 Mbit/s

95th percentile per-packet one-way delay: 32.518 ms

Loss rate: 0.08%

Run 9: Report of LEDBAT — Data Link

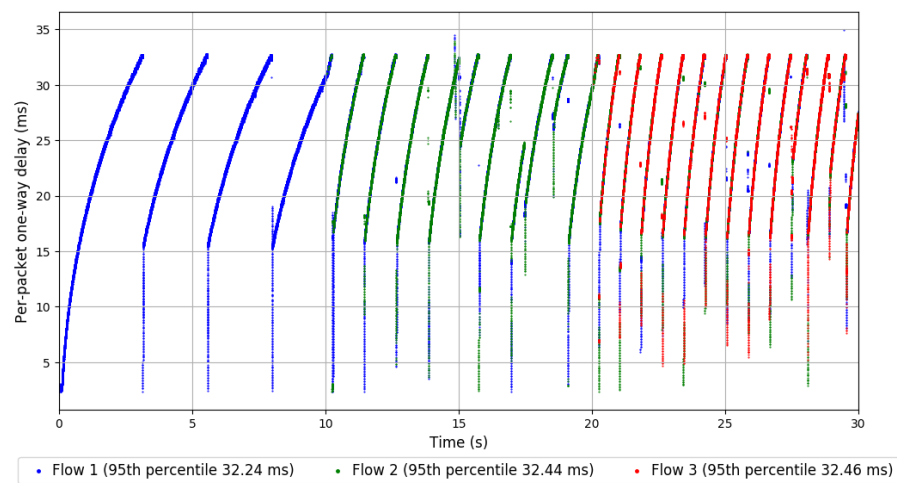
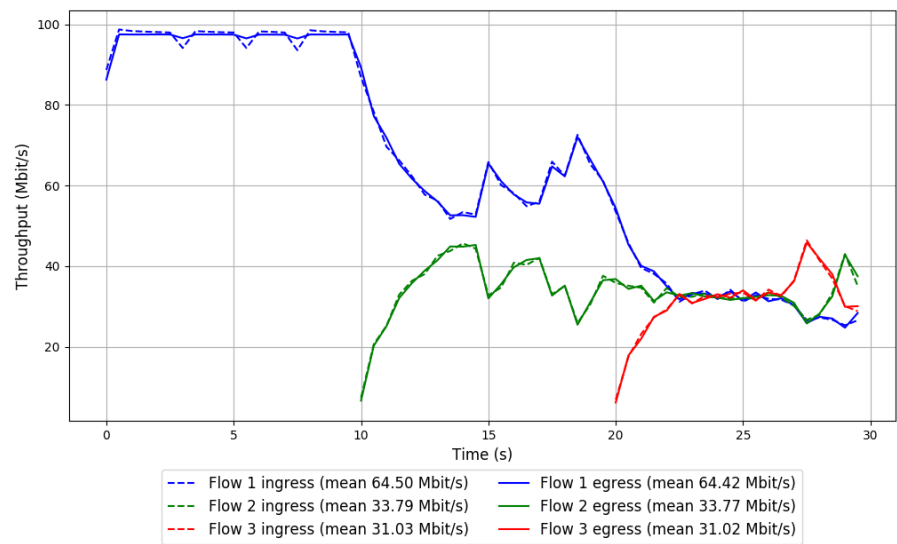


Run 10: Statistics of LEDBAT

Start at: 2018-02-28 06:29:55
End at: 2018-02-28 06:30:25
Local clock offset: -5.261 ms
Remote clock offset: -7.222 ms

Below is generated by plot.py at 2018-02-28 07:21:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 32.273 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 64.42 Mbit/s
95th percentile per-packet one-way delay: 32.243 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 33.77 Mbit/s
95th percentile per-packet one-way delay: 32.444 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 32.463 ms
Loss rate: 0.06%

Run 10: Report of LEDBAT — Data Link

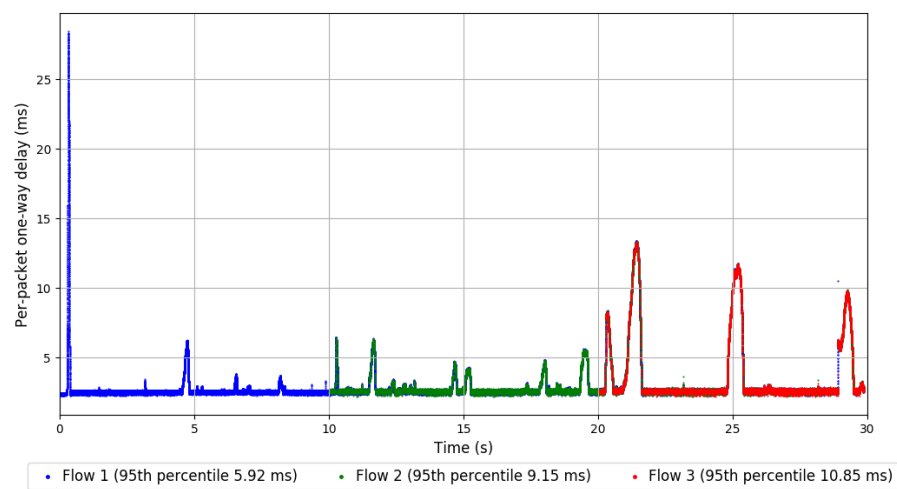
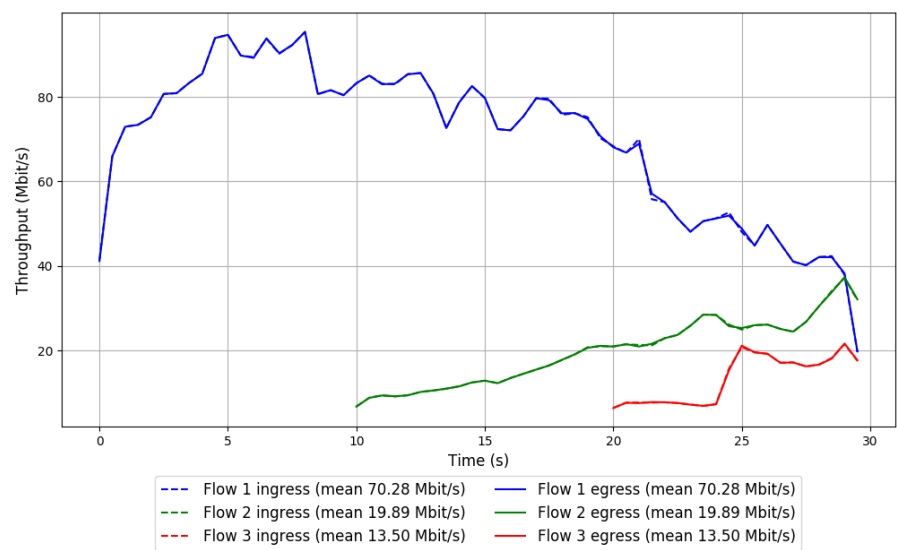


Run 1: Statistics of PCC

Start at: 2018-02-28 03:36:32
End at: 2018-02-28 03:37:02
Local clock offset: -3.819 ms
Remote clock offset: -6.783 ms

Below is generated by plot.py at 2018-02-28 07:21:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 7.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.28 Mbit/s
95th percentile per-packet one-way delay: 5.919 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.89 Mbit/s
95th percentile per-packet one-way delay: 9.149 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.50 Mbit/s
95th percentile per-packet one-way delay: 10.849 ms
Loss rate: 0.00%

Run 1: Report of PCC — Data Link

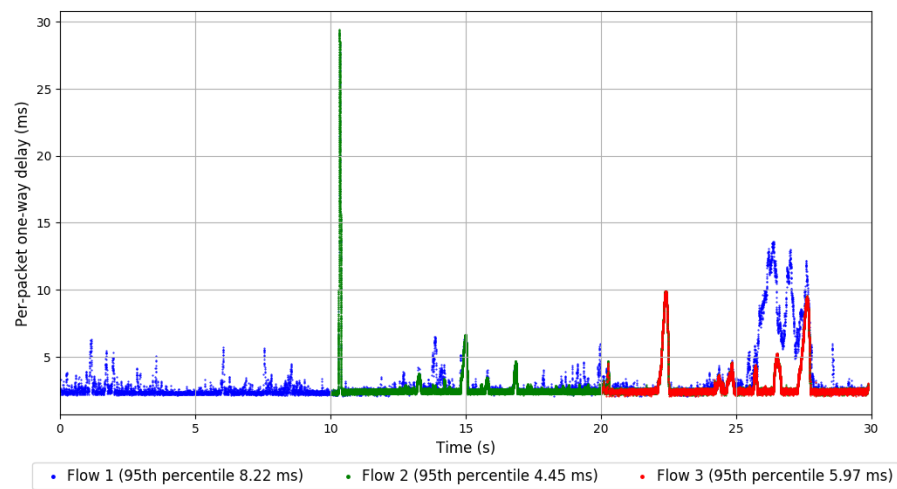
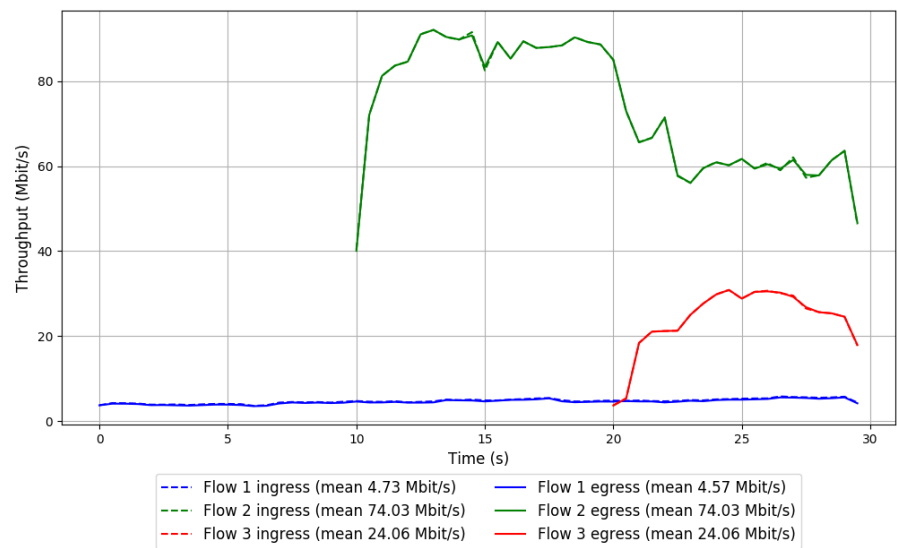


Run 2: Statistics of PCC

Start at: 2018-02-28 03:57:05
End at: 2018-02-28 03:57:35
Local clock offset: -5.861 ms
Remote clock offset: -6.865 ms

Below is generated by plot.py at 2018-02-28 07:21:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.73 Mbit/s
95th percentile per-packet one-way delay: 4.972 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 8.216 ms
Loss rate: 3.44%
-- Flow 2:
Average throughput: 74.03 Mbit/s
95th percentile per-packet one-way delay: 4.451 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 5.969 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

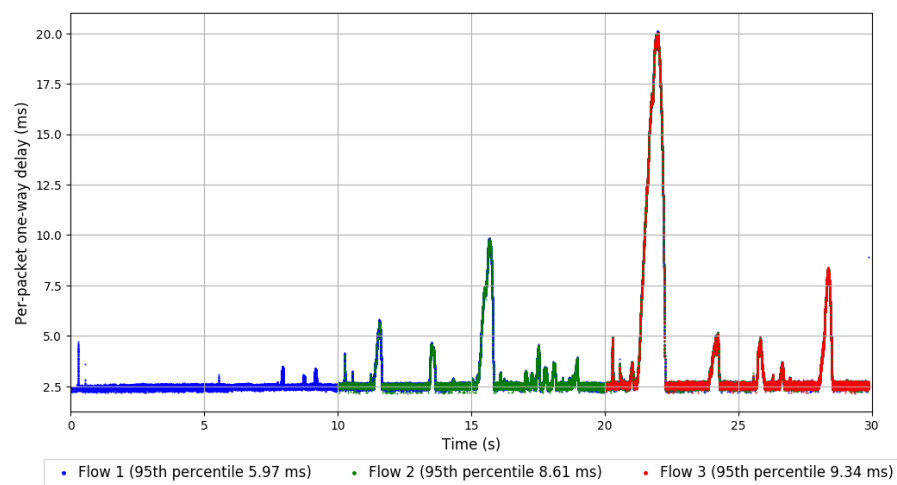
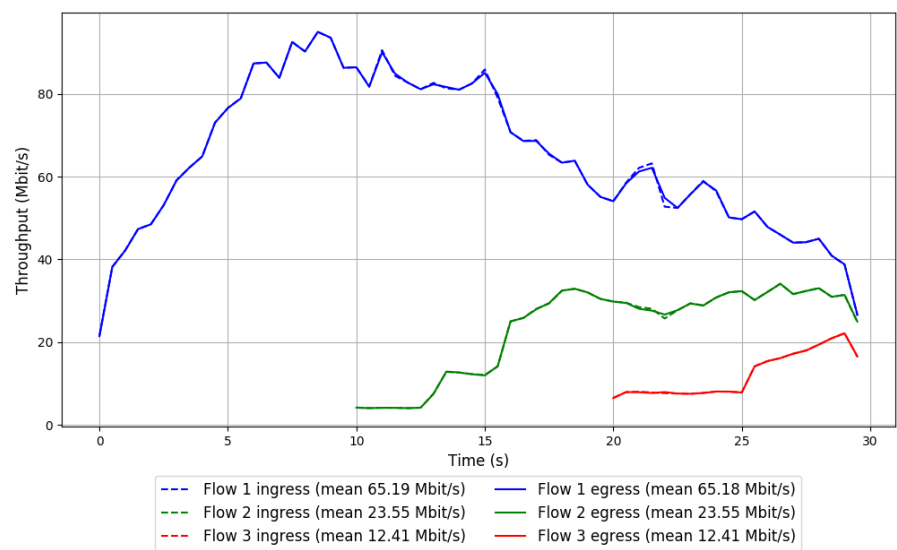


Run 3: Statistics of PCC

Start at: 2018-02-28 04:17:37
End at: 2018-02-28 04:18:07
Local clock offset: -7.177 ms
Remote clock offset: -6.858 ms

Below is generated by plot.py at 2018-02-28 07:21:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.93 Mbit/s
95th percentile per-packet one-way delay: 7.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.18 Mbit/s
95th percentile per-packet one-way delay: 5.970 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 8.610 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 9.335 ms
Loss rate: 0.00%

Run 3: Report of PCC — Data Link

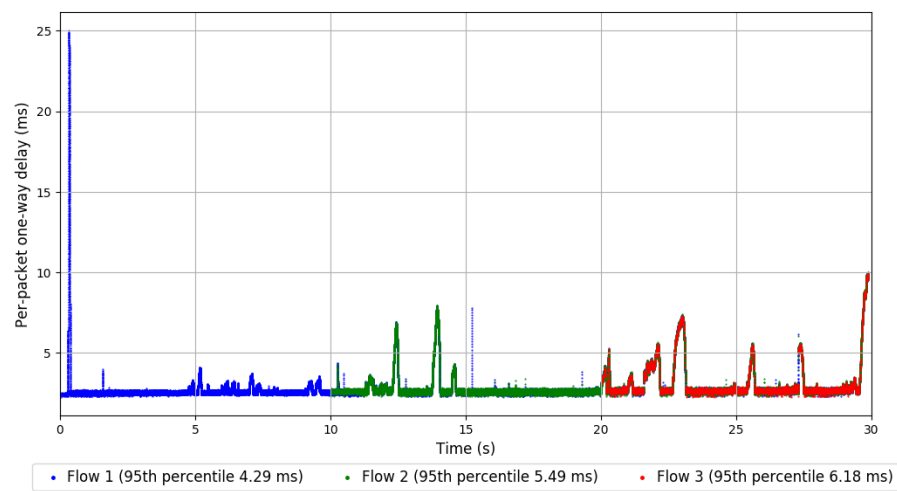
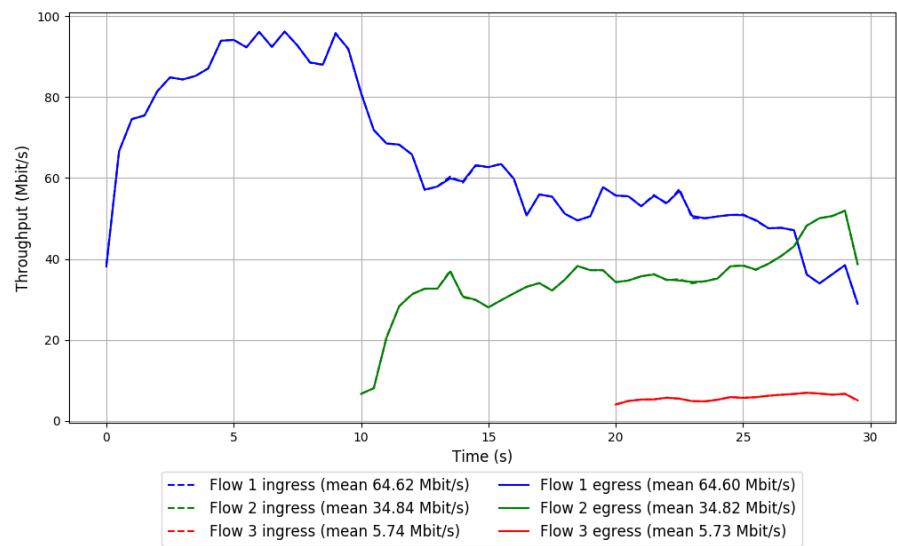


Run 4: Statistics of PCC

Start at: 2018-02-28 04:38:10
End at: 2018-02-28 04:38:40
Local clock offset: -3.949 ms
Remote clock offset: -6.921 ms

Below is generated by plot.py at 2018-02-28 07:22:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: 4.887 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 4.288 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.82 Mbit/s
95th percentile per-packet one-way delay: 5.485 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.73 Mbit/s
95th percentile per-packet one-way delay: 6.184 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

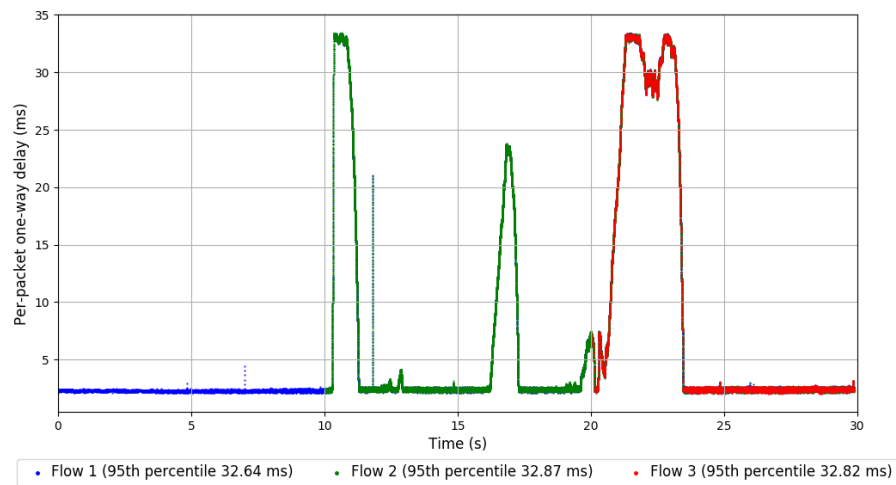
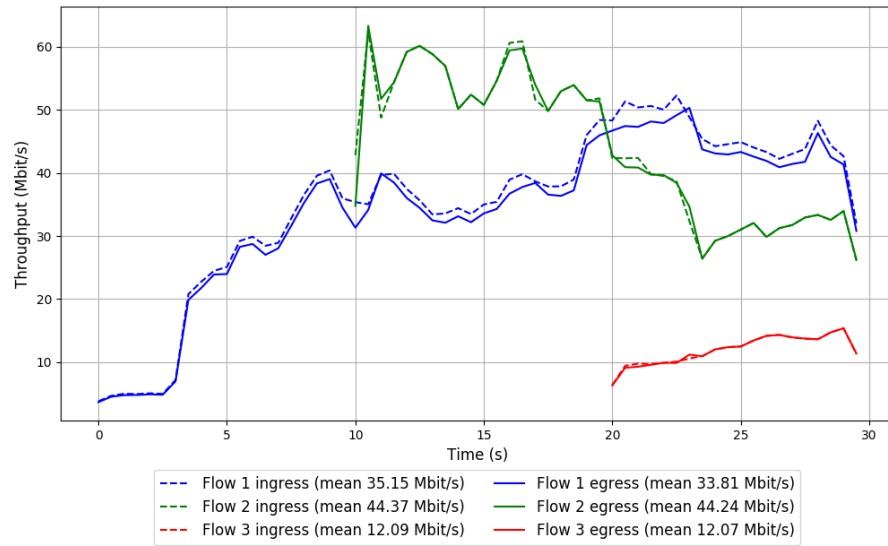


Run 5: Statistics of PCC

Start at: 2018-02-28 04:58:43
End at: 2018-02-28 04:59:13
Local clock offset: -4.119 ms
Remote clock offset: -6.941 ms

Below is generated by plot.py at 2018-02-28 07:22:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.21 Mbit/s
95th percentile per-packet one-way delay: 32.801 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 33.81 Mbit/s
95th percentile per-packet one-way delay: 32.640 ms
Loss rate: 3.81%
-- Flow 2:
Average throughput: 44.24 Mbit/s
95th percentile per-packet one-way delay: 32.874 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 12.07 Mbit/s
95th percentile per-packet one-way delay: 32.818 ms
Loss rate: 0.22%

Run 5: Report of PCC — Data Link

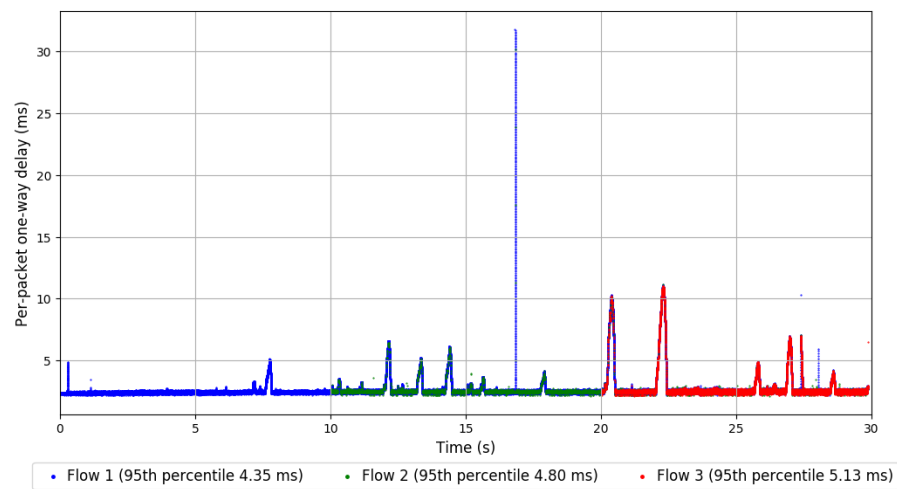
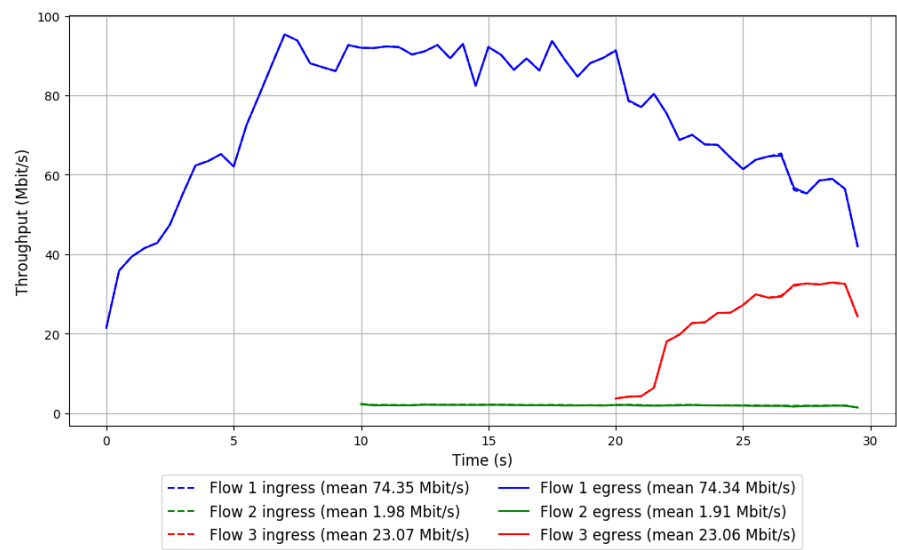


Run 6: Statistics of PCC

Start at: 2018-02-28 05:19:15
End at: 2018-02-28 05:19:45
Local clock offset: -5.596 ms
Remote clock offset: -6.979 ms

Below is generated by plot.py at 2018-02-28 07:22:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.21 Mbit/s
95th percentile per-packet one-way delay: 4.429 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 74.34 Mbit/s
95th percentile per-packet one-way delay: 4.347 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 4.804 ms
Loss rate: 3.62%
-- Flow 3:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 5.133 ms
Loss rate: 0.00%

Run 6: Report of PCC — Data Link

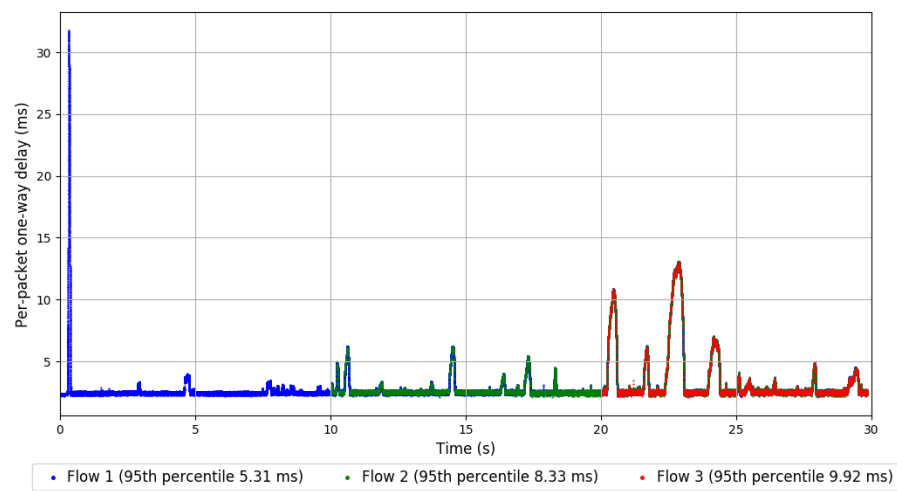
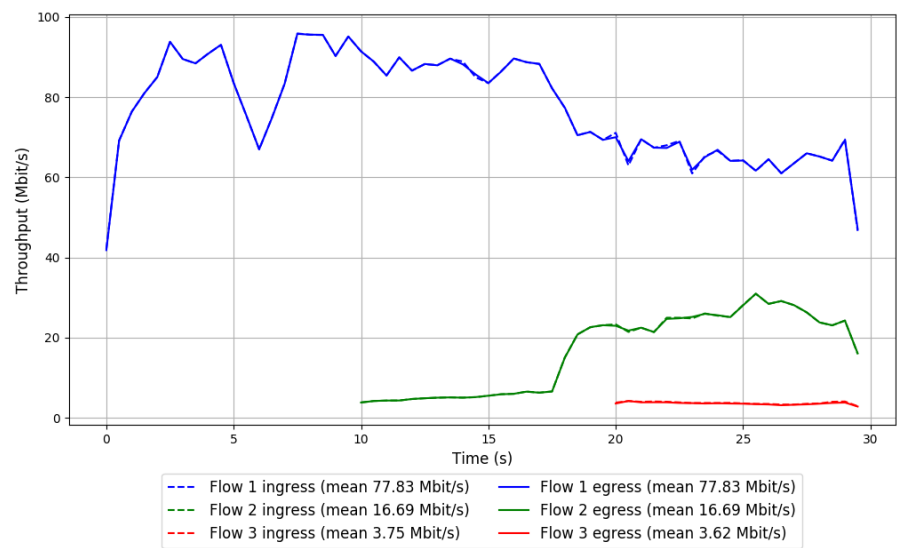


Run 7: Statistics of PCC

Start at: 2018-02-28 05:39:47
End at: 2018-02-28 05:40:17
Local clock offset: -6.158 ms
Remote clock offset: -6.367 ms

Below is generated by plot.py at 2018-02-28 07:22:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 5.913 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 77.83 Mbit/s
95th percentile per-packet one-way delay: 5.310 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.69 Mbit/s
95th percentile per-packet one-way delay: 8.327 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 9.923 ms
Loss rate: 3.46%

Run 7: Report of PCC — Data Link

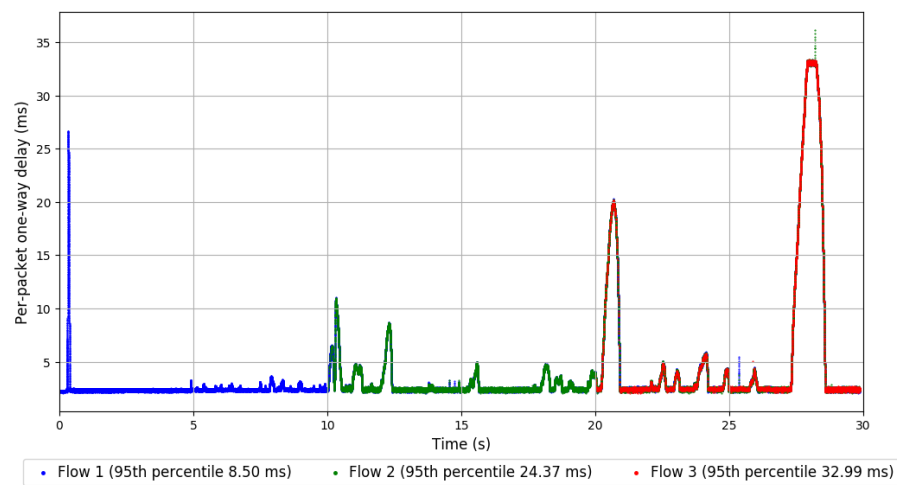
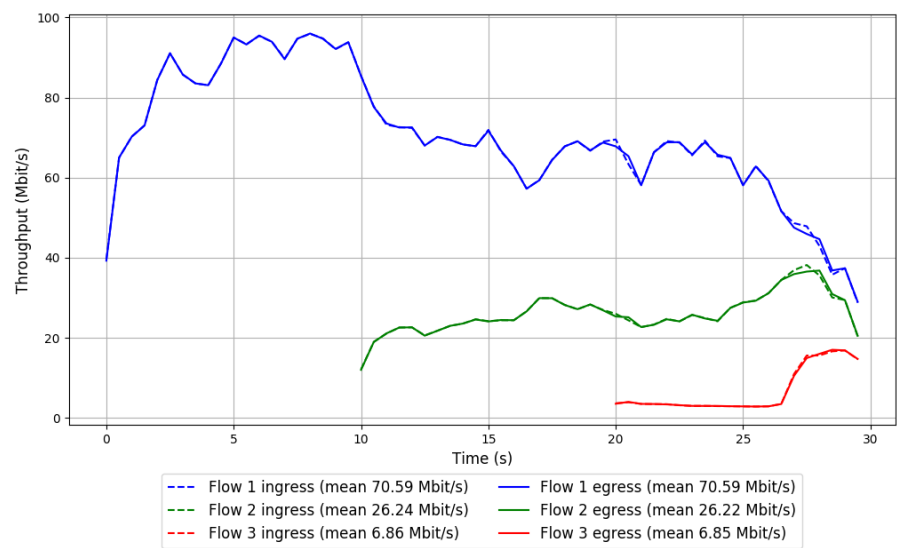


Run 8: Statistics of PCC

Start at: 2018-02-28 06:00:20
End at: 2018-02-28 06:00:50
Local clock offset: -6.671 ms
Remote clock offset: -6.762 ms

Below is generated by plot.py at 2018-02-28 07:22:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.29 Mbit/s
95th percentile per-packet one-way delay: 15.054 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 8.502 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.22 Mbit/s
95th percentile per-packet one-way delay: 24.368 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 6.85 Mbit/s
95th percentile per-packet one-way delay: 32.989 ms
Loss rate: 0.16%

Run 8: Report of PCC — Data Link

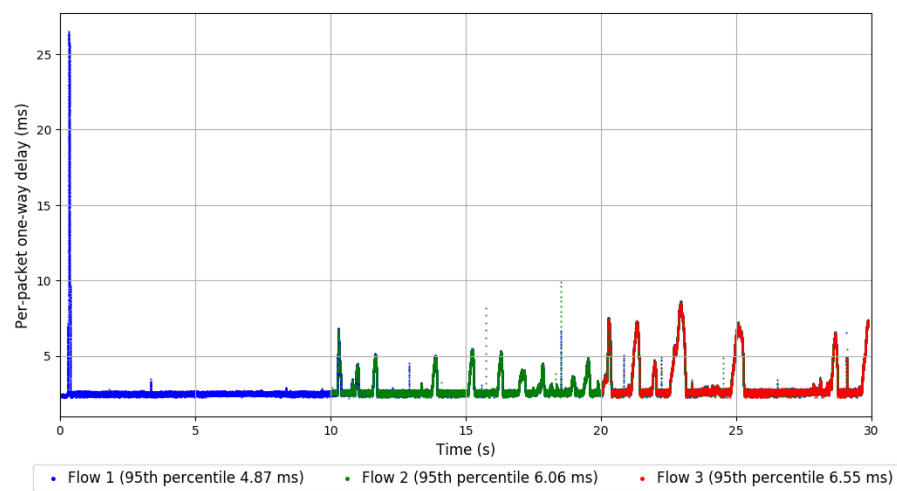
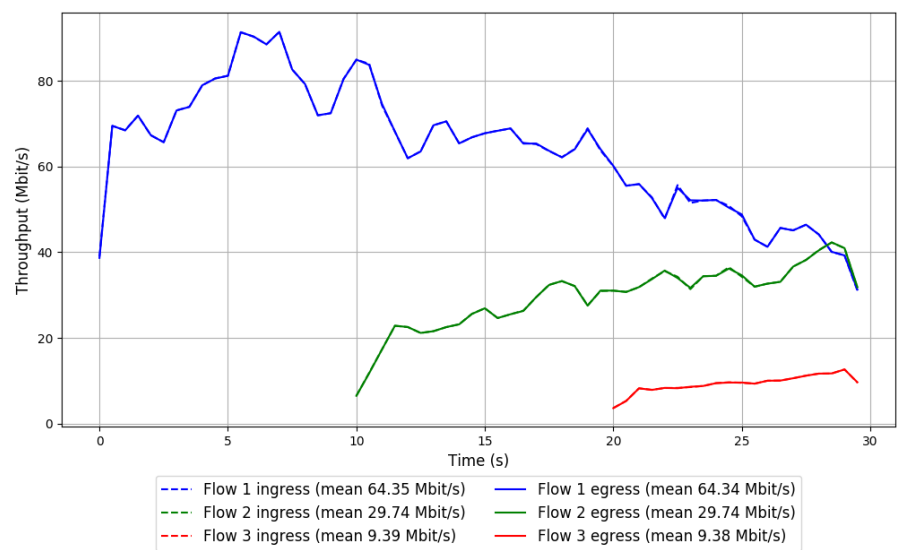


Run 9: Statistics of PCC

Start at: 2018-02-28 06:20:53
End at: 2018-02-28 06:21:23
Local clock offset: -5.331 ms
Remote clock offset: -7.126 ms

Below is generated by plot.py at 2018-02-28 07:22:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 5.320 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.34 Mbit/s
95th percentile per-packet one-way delay: 4.865 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.74 Mbit/s
95th percentile per-packet one-way delay: 6.057 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 6.555 ms
Loss rate: 0.00%

Run 9: Report of PCC — Data Link

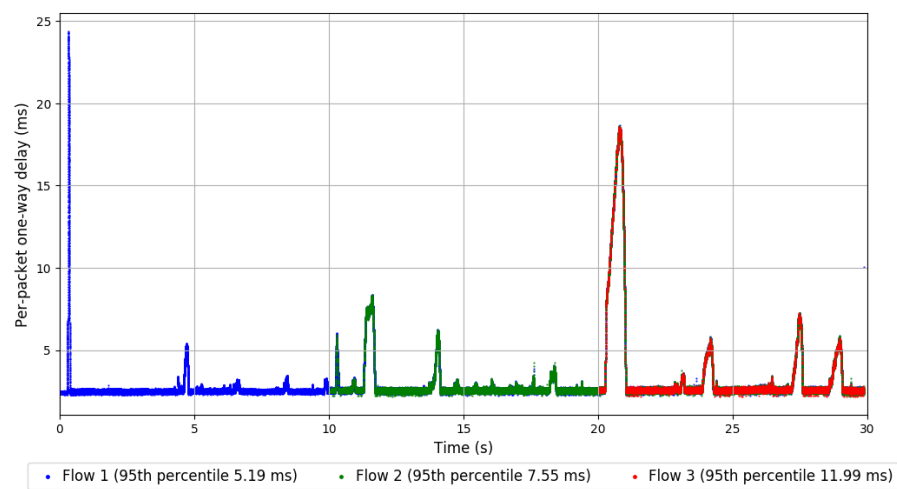
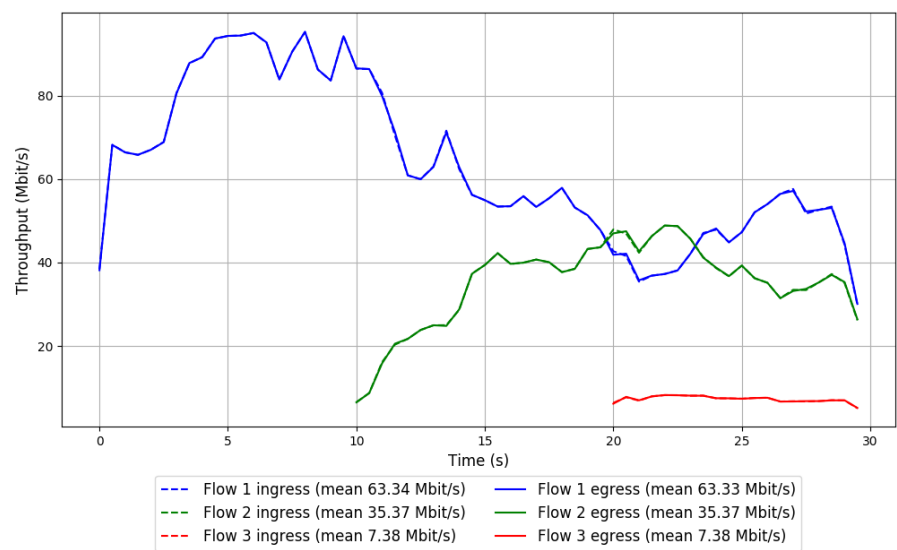


Run 10: Statistics of PCC

Start at: 2018-02-28 06:41:25
End at: 2018-02-28 06:41:55
Local clock offset: -5.52 ms
Remote clock offset: -6.998 ms

Below is generated by plot.py at 2018-02-28 07:22:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 5.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.33 Mbit/s
95th percentile per-packet one-way delay: 5.190 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 7.555 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 11.990 ms
Loss rate: 0.00%

Run 10: Report of PCC — Data Link

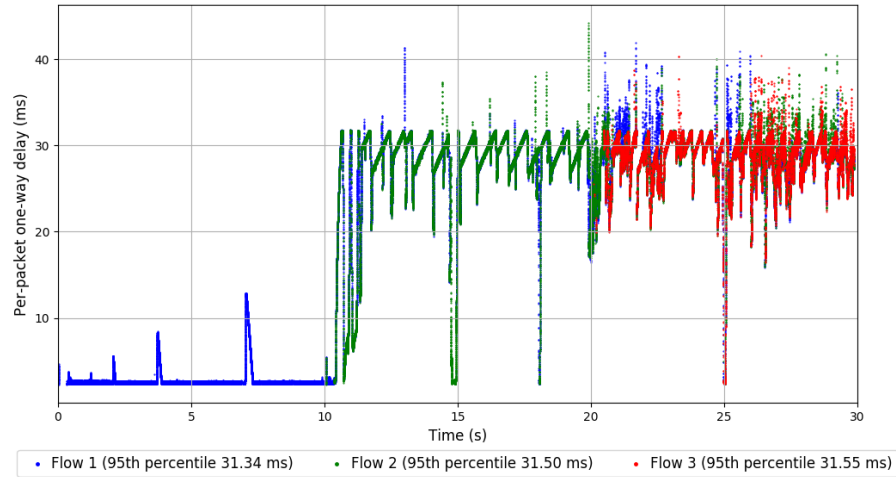
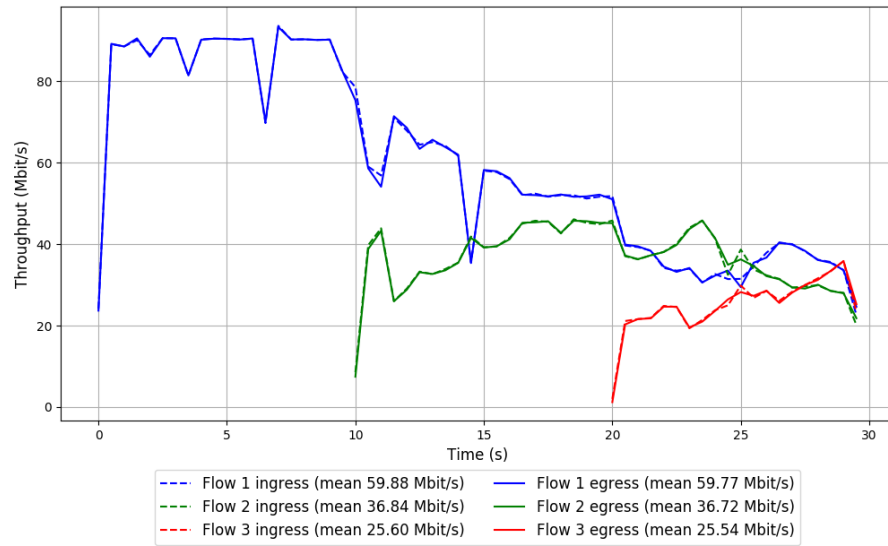


Run 1: Statistics of QUIC Cubic

Start at: 2018-02-28 03:26:12
End at: 2018-02-28 03:26:42
Local clock offset: -4.233 ms
Remote clock offset: -6.824 ms

Below is generated by plot.py at 2018-02-28 07:23:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.50 Mbit/s
95th percentile per-packet one-way delay: 31.434 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.77 Mbit/s
95th percentile per-packet one-way delay: 31.342 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 31.500 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 25.54 Mbit/s
95th percentile per-packet one-way delay: 31.548 ms
Loss rate: 0.18%

Run 1: Report of QUIC Cubic — Data Link

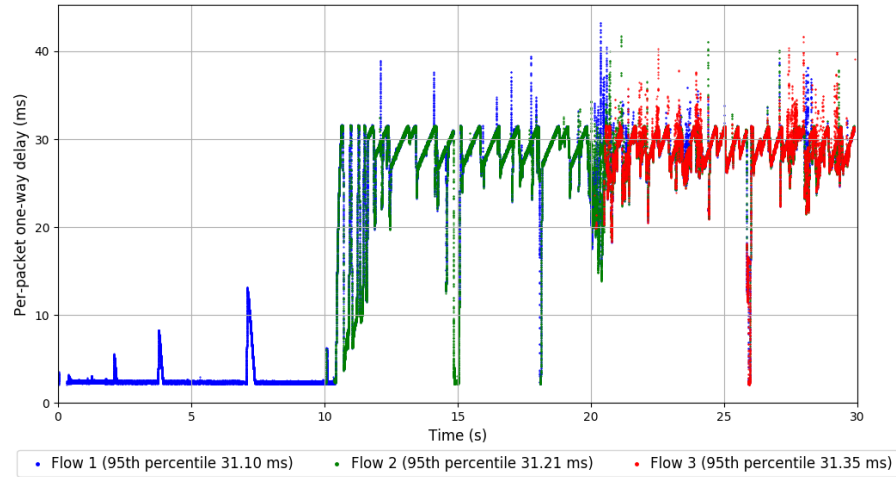
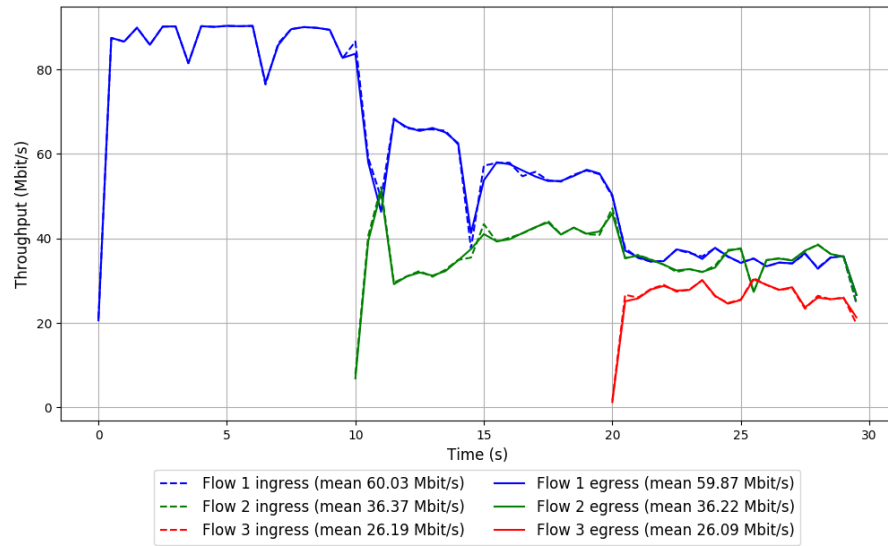


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-28 03:46:44
End at: 2018-02-28 03:47:14
Local clock offset: -4.01 ms
Remote clock offset: -6.851 ms

Below is generated by plot.py at 2018-02-28 07:23:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 31.167 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.87 Mbit/s
95th percentile per-packet one-way delay: 31.097 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 36.22 Mbit/s
95th percentile per-packet one-way delay: 31.206 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 26.09 Mbit/s
95th percentile per-packet one-way delay: 31.349 ms
Loss rate: 0.23%

Run 2: Report of QUIC Cubic — Data Link

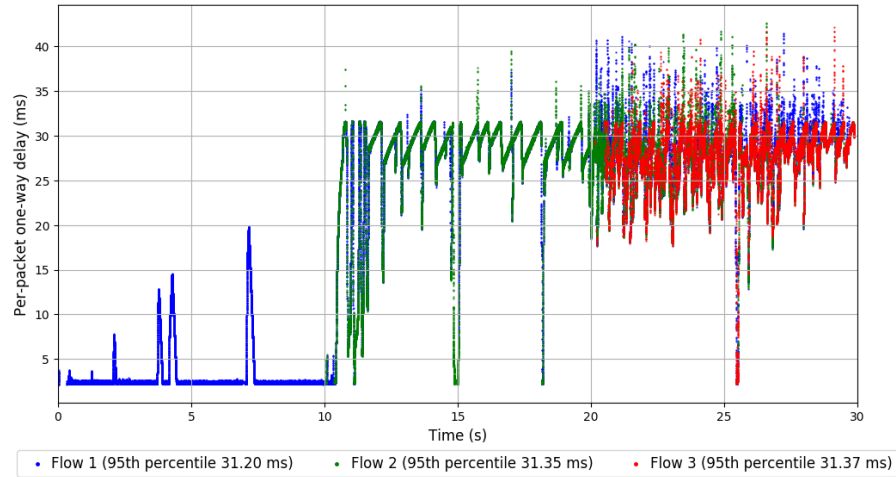
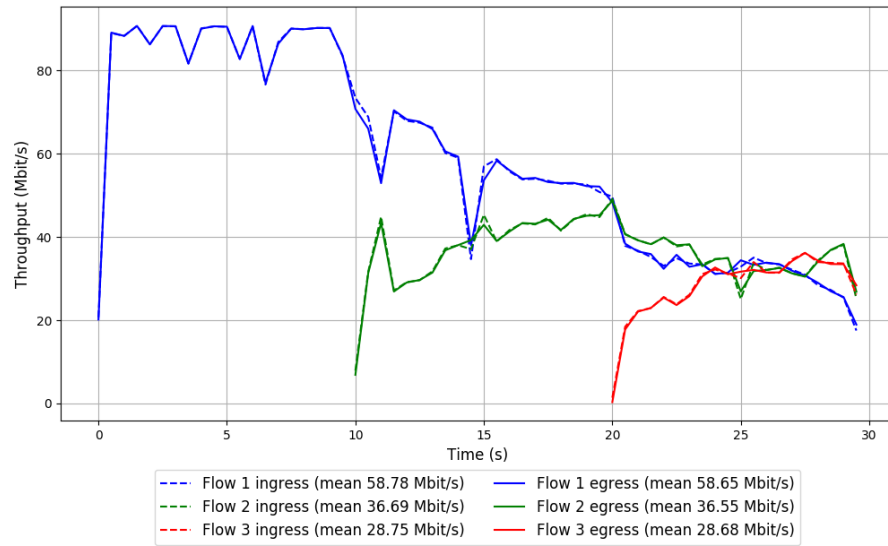


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-28 04:07:17
End at: 2018-02-28 04:07:47
Local clock offset: -6.622 ms
Remote clock offset: -6.872 ms

Below is generated by plot.py at 2018-02-28 07:23:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: 31.274 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 31.198 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.55 Mbit/s
95th percentile per-packet one-way delay: 31.349 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 31.374 ms
Loss rate: 0.23%

Run 3: Report of QUIC Cubic — Data Link

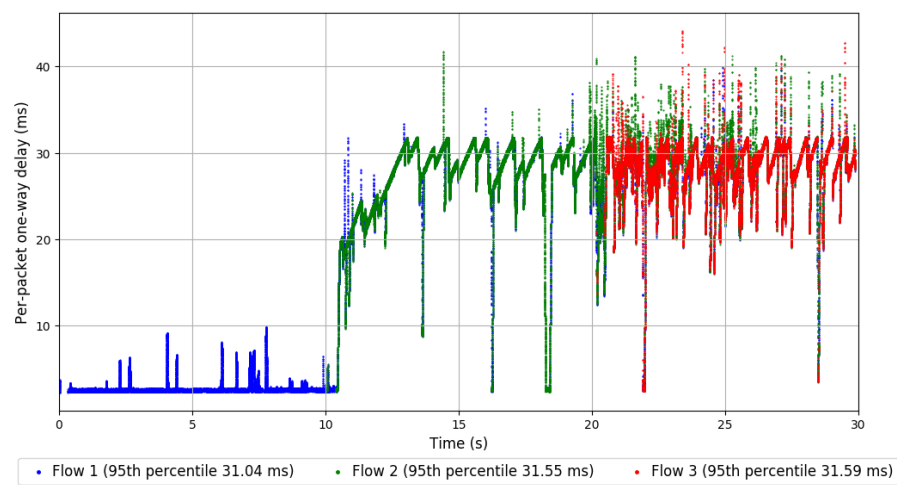
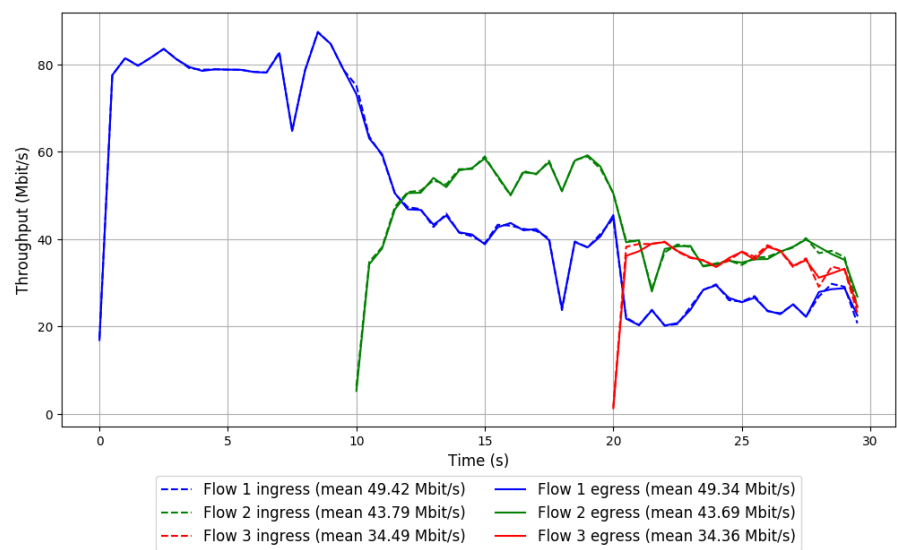


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-28 04:27:50
End at: 2018-02-28 04:28:20
Local clock offset: -5.039 ms
Remote clock offset: -6.886 ms

Below is generated by plot.py at 2018-02-28 07:23:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.54 Mbit/s
95th percentile per-packet one-way delay: 31.433 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 49.34 Mbit/s
95th percentile per-packet one-way delay: 31.043 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 43.69 Mbit/s
95th percentile per-packet one-way delay: 31.551 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 34.36 Mbit/s
95th percentile per-packet one-way delay: 31.593 ms
Loss rate: 0.35%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-28 04:48:23

End at: 2018-02-28 04:48:53

Local clock offset: -3.452 ms

Remote clock offset: -6.98 ms

Below is generated by plot.py at 2018-02-28 07:23:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.10 Mbit/s

95th percentile per-packet one-way delay: 30.941 ms

Loss rate: 0.97%

-- Flow 1:

Average throughput: 15.62 Mbit/s

95th percentile per-packet one-way delay: 27.541 ms

Loss rate: 3.39%

-- Flow 2:

Average throughput: 64.31 Mbit/s

95th percentile per-packet one-way delay: 30.948 ms

Loss rate: 0.18%

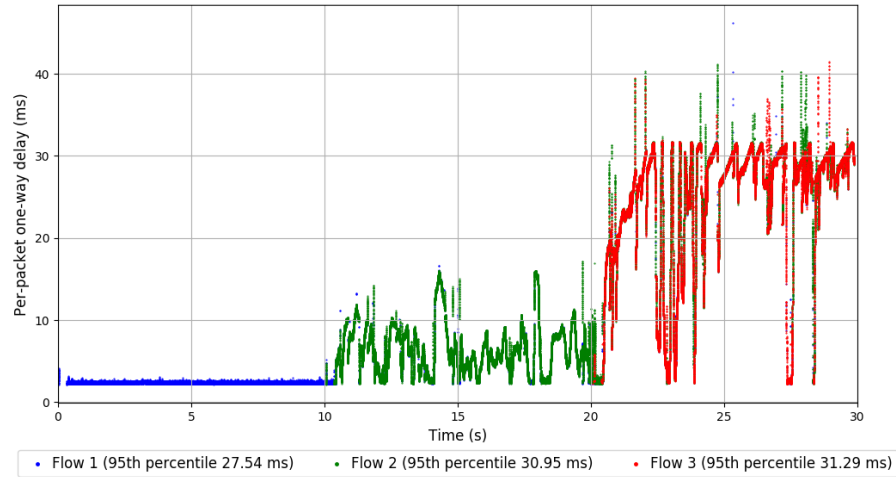
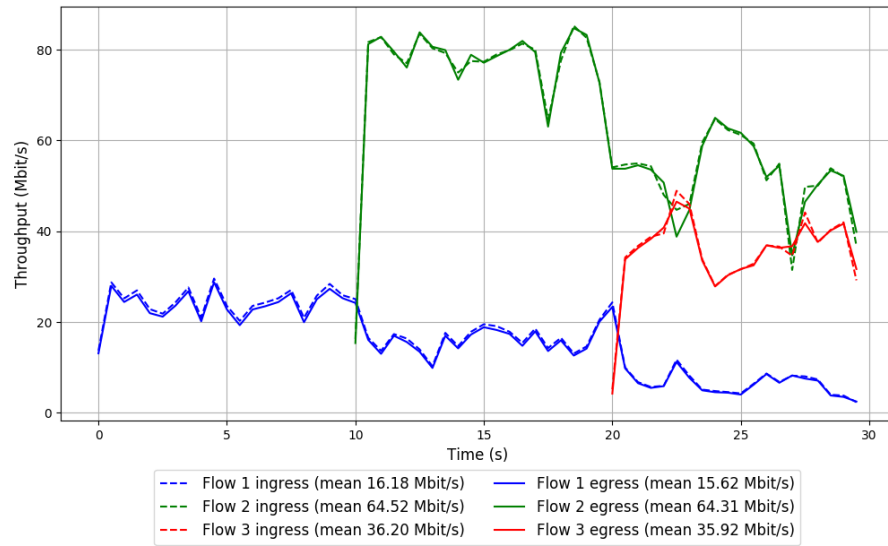
-- Flow 3:

Average throughput: 35.92 Mbit/s

95th percentile per-packet one-way delay: 31.292 ms

Loss rate: 0.49%

Run 5: Report of QUIC Cubic — Data Link

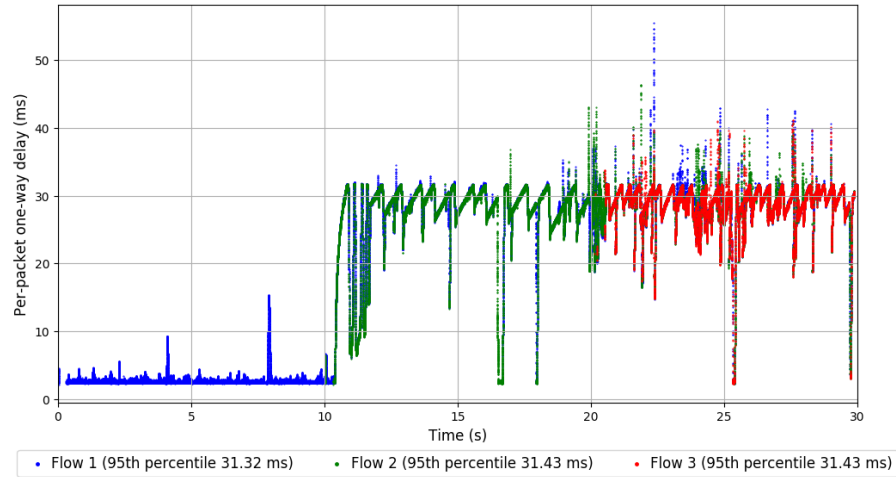
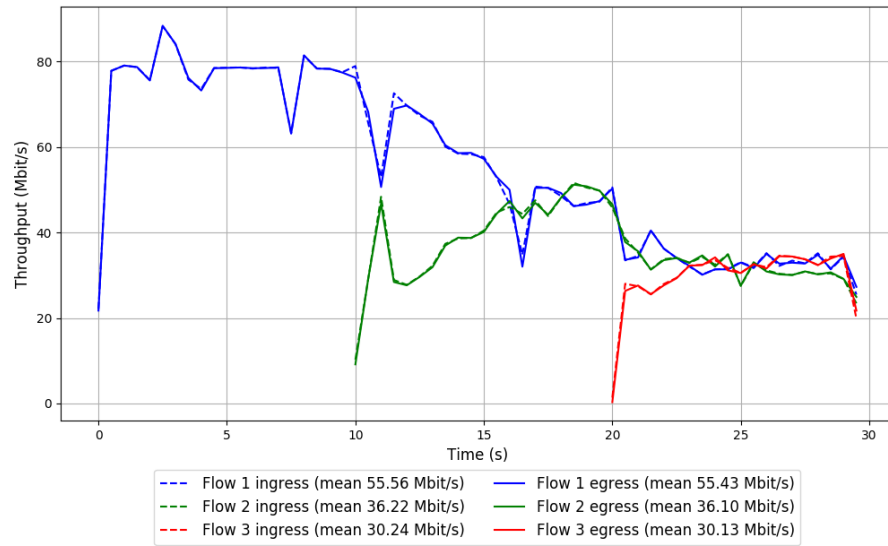


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-28 05:08:54
End at: 2018-02-28 05:09:24
Local clock offset: -5.158 ms
Remote clock offset: -6.951 ms

Below is generated by plot.py at 2018-02-28 07:24:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 31.380 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 31.321 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 31.428 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 30.13 Mbit/s
95th percentile per-packet one-way delay: 31.435 ms
Loss rate: 0.27%

Run 6: Report of QUIC Cubic — Data Link

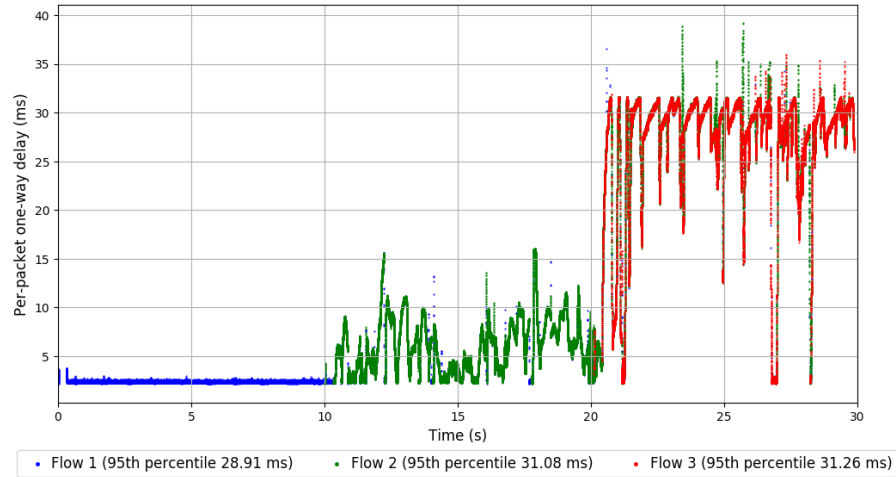
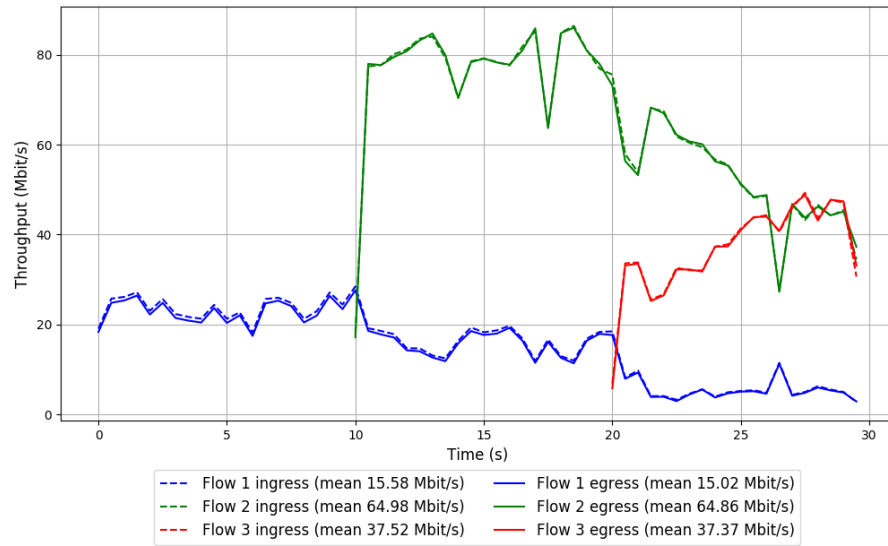


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-28 05:29:27
End at: 2018-02-28 05:29:57
Local clock offset: -5.893 ms
Remote clock offset: -6.649 ms

Below is generated by plot.py at 2018-02-28 07:24:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.40 Mbit/s
95th percentile per-packet one-way delay: 31.086 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 28.907 ms
Loss rate: 3.48%
-- Flow 2:
Average throughput: 64.86 Mbit/s
95th percentile per-packet one-way delay: 31.076 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 31.261 ms
Loss rate: 0.16%

Run 7: Report of QUIC Cubic — Data Link

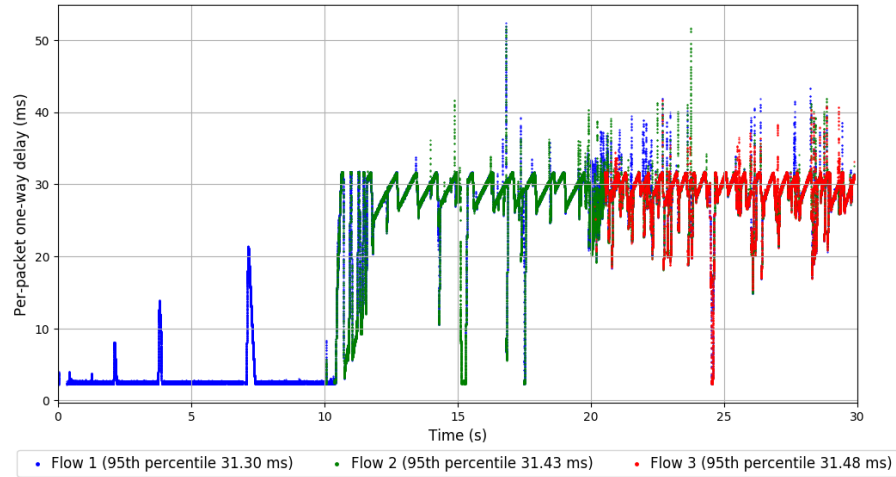
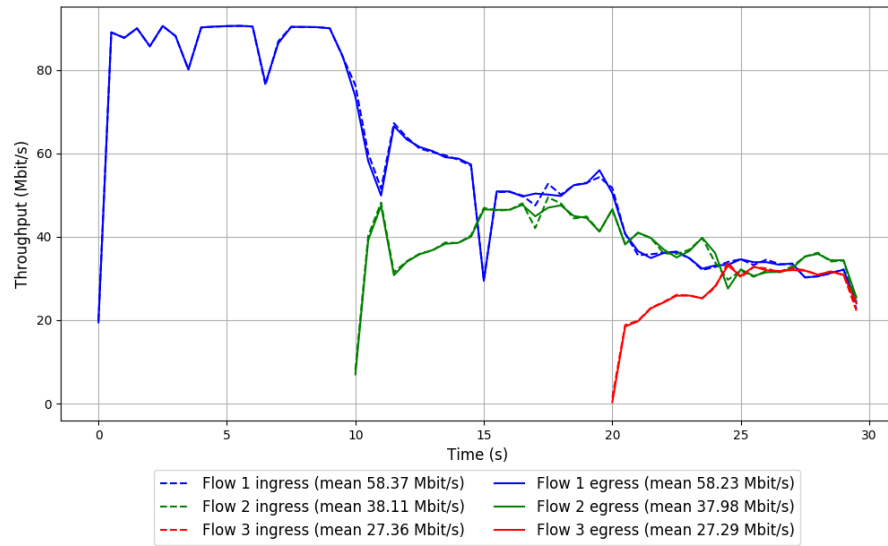


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-28 05:49:59
End at: 2018-02-28 05:50:29
Local clock offset: -6.509 ms
Remote clock offset: -6.358 ms

Below is generated by plot.py at 2018-02-28 07:24:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 31.379 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 31.295 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 37.98 Mbit/s
95th percentile per-packet one-way delay: 31.435 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 31.476 ms
Loss rate: 0.19%

Run 8: Report of QUIC Cubic — Data Link

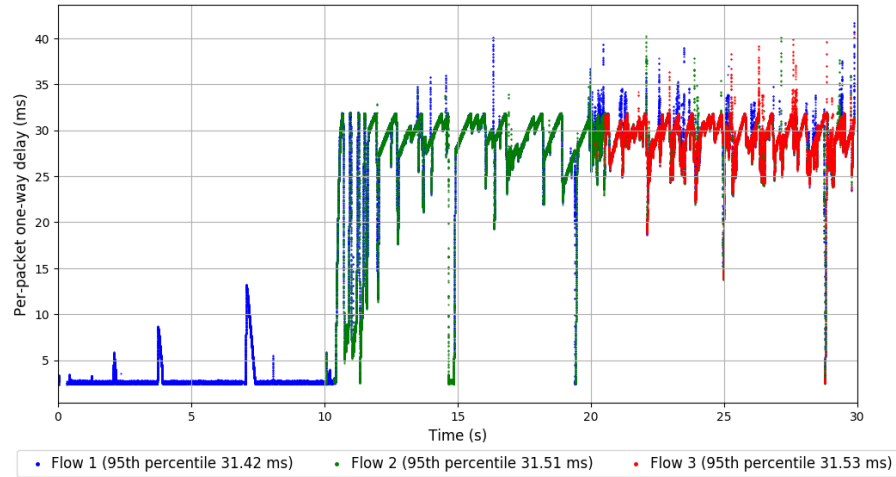
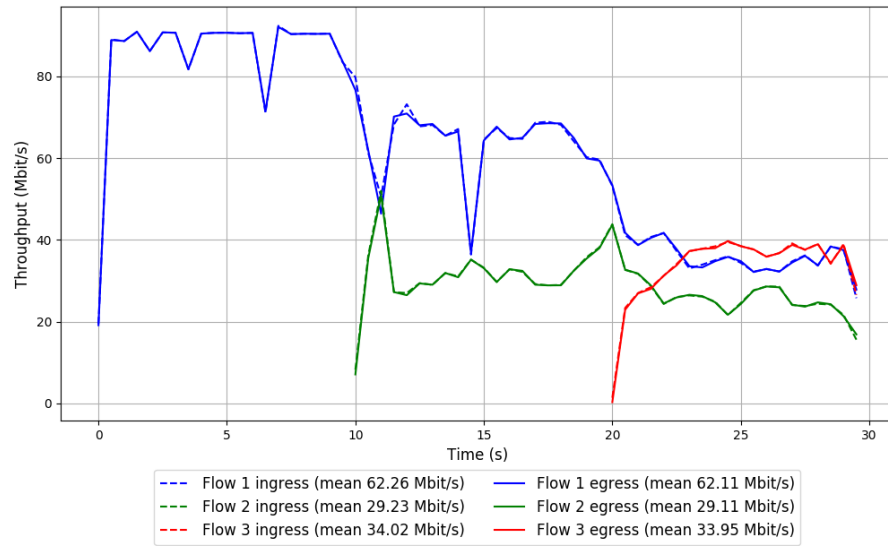


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-28 06:10:32
End at: 2018-02-28 06:11:02
Local clock offset: -5.834 ms
Remote clock offset: -7.022 ms

Below is generated by plot.py at 2018-02-28 07:24:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 31.478 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 62.11 Mbit/s
95th percentile per-packet one-way delay: 31.422 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 29.11 Mbit/s
95th percentile per-packet one-way delay: 31.514 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 33.95 Mbit/s
95th percentile per-packet one-way delay: 31.534 ms
Loss rate: 0.09%

Run 9: Report of QUIC Cubic — Data Link

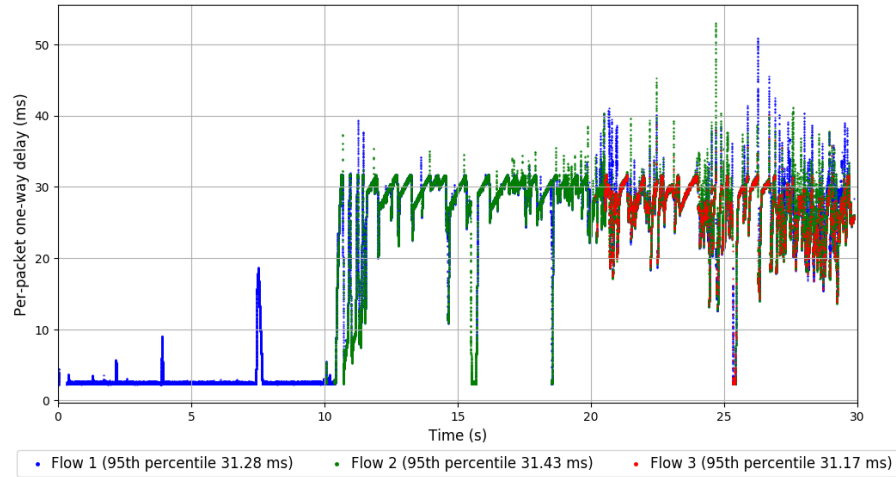
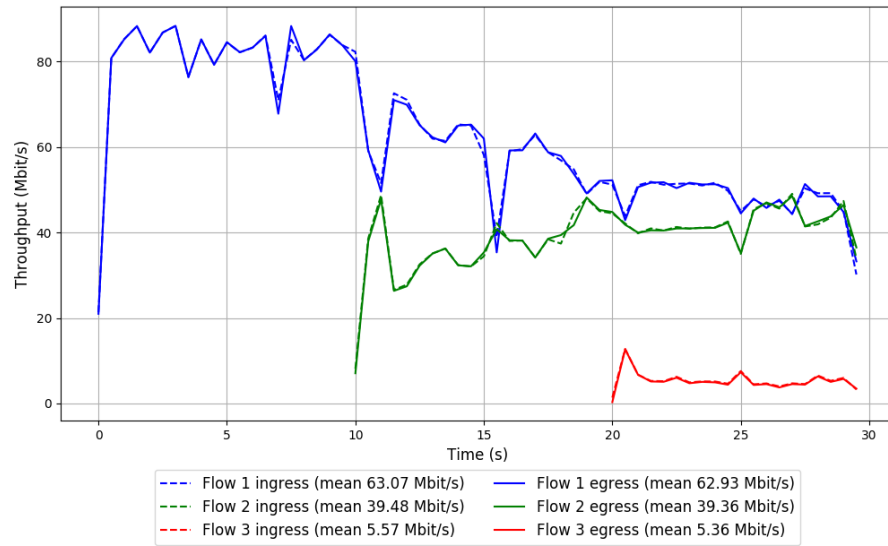


Run 10: Statistics of QUIC Cubic

Start at: 2018-02-28 06:31:05
End at: 2018-02-28 06:31:35
Local clock offset: -5.3 ms
Remote clock offset: -7.259 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 31.343 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 62.93 Mbit/s
95th percentile per-packet one-way delay: 31.276 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.36 Mbit/s
95th percentile per-packet one-way delay: 31.427 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 5.36 Mbit/s
95th percentile per-packet one-way delay: 31.169 ms
Loss rate: 3.69%

Run 10: Report of QUIC Cubic — Data Link

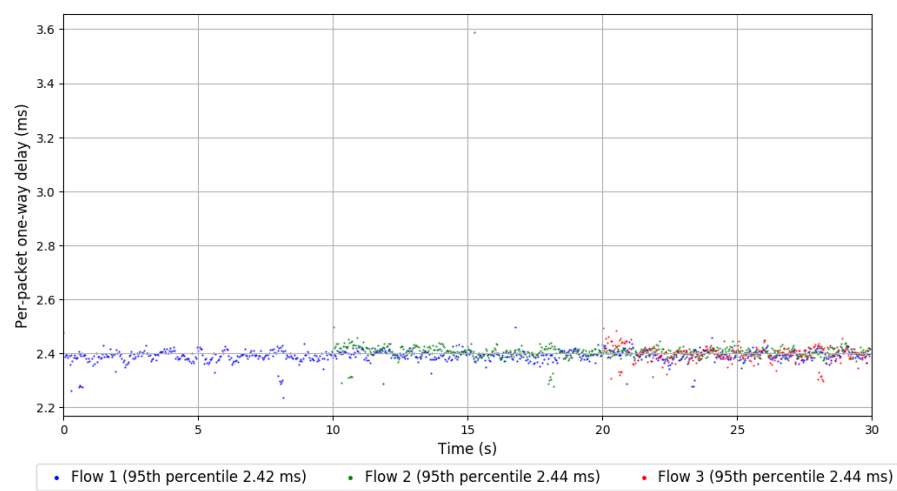
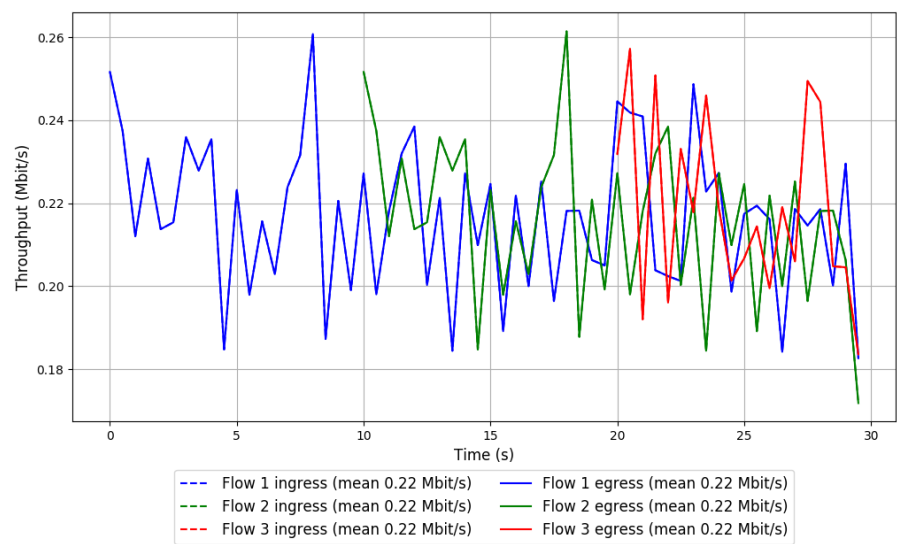


Run 1: Statistics of SReAM

Start at: 2018-02-28 03:37:39
End at: 2018-02-28 03:38:09
Local clock offset: -3.814 ms
Remote clock offset: -6.789 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.421 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.435 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.445 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

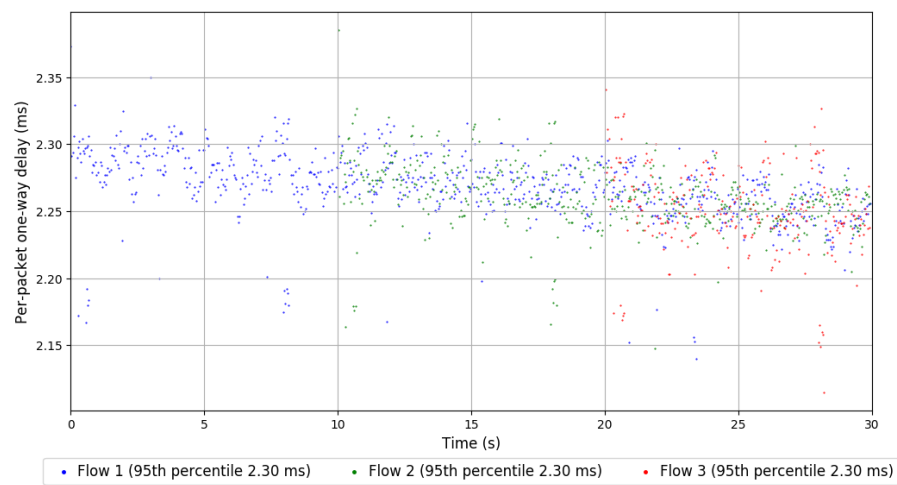
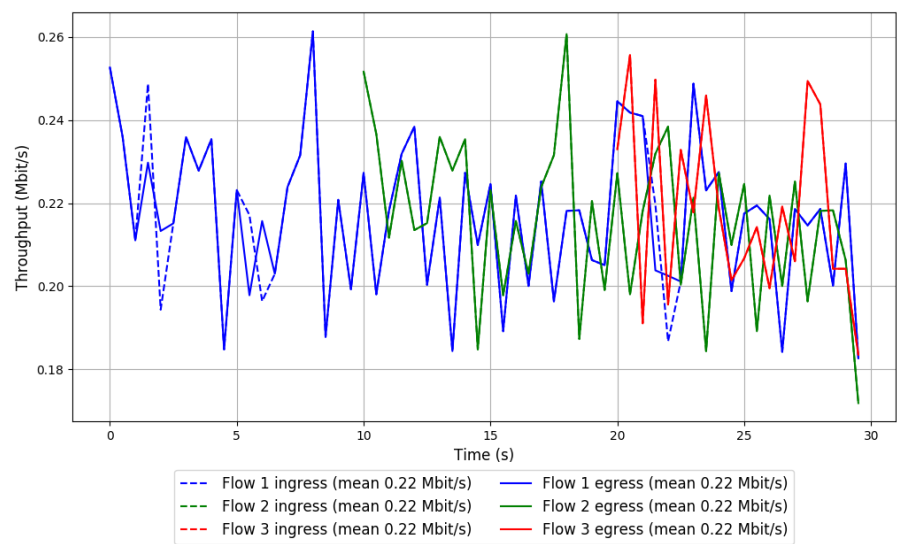


Run 2: Statistics of SReAM

Start at: 2018-02-28 03:58:11
End at: 2018-02-28 03:58:41
Local clock offset: -5.952 ms
Remote clock offset: -6.863 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.304 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.299 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.296 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

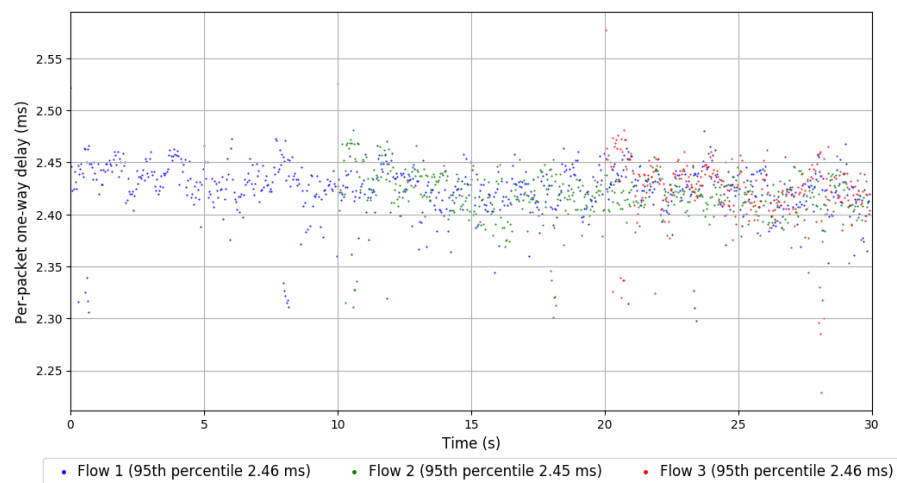
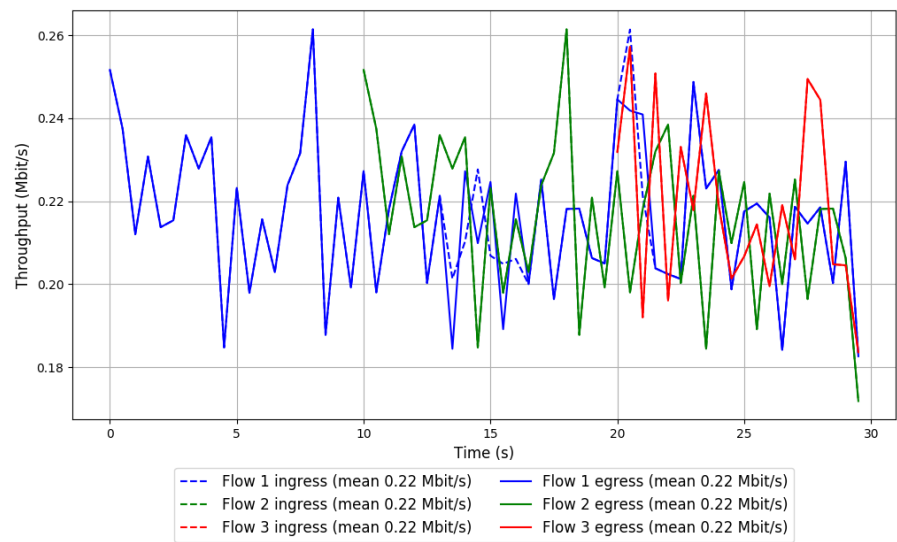


Run 3: Statistics of SReAM

Start at: 2018-02-28 04:18:44
End at: 2018-02-28 04:19:14
Local clock offset: -7.237 ms
Remote clock offset: -6.817 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.457 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.457 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.453 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.463 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

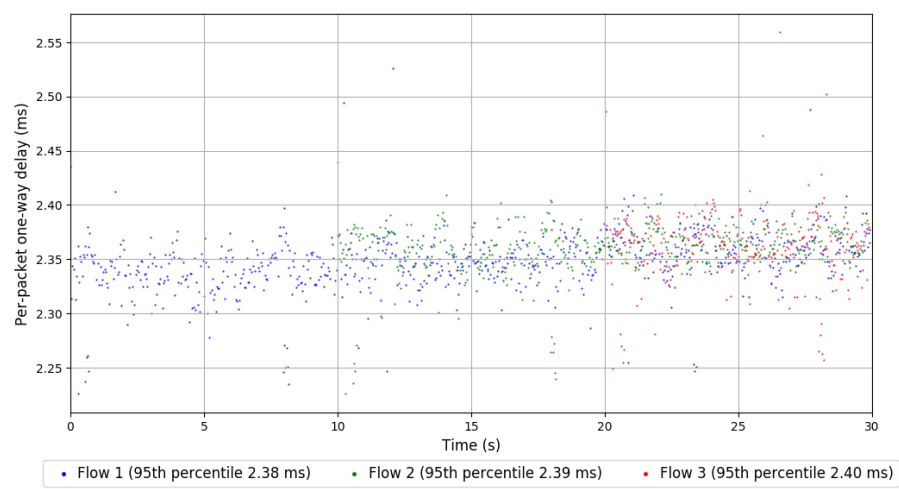
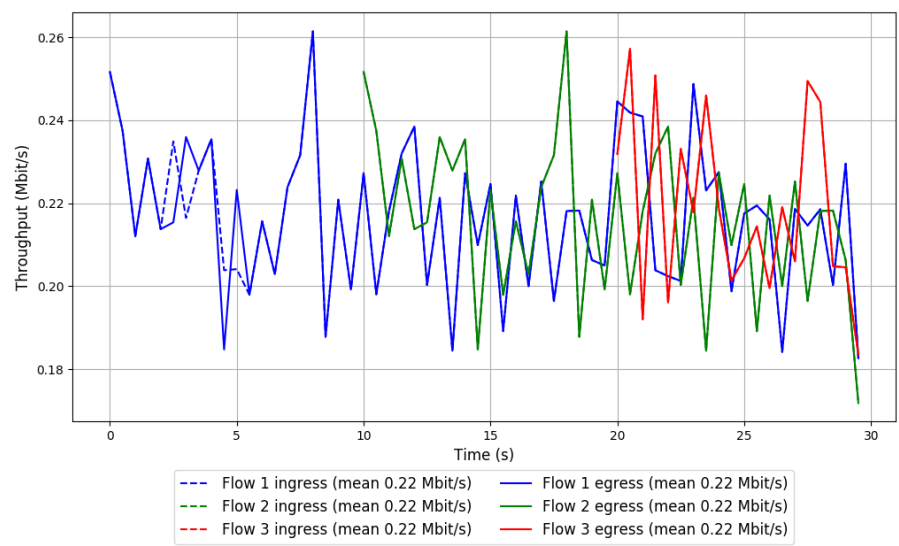


Run 4: Statistics of SReAM

Start at: 2018-02-28 04:39:17
End at: 2018-02-28 04:39:47
Local clock offset: -3.817 ms
Remote clock offset: -6.957 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.390 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.383 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.389 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.399 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

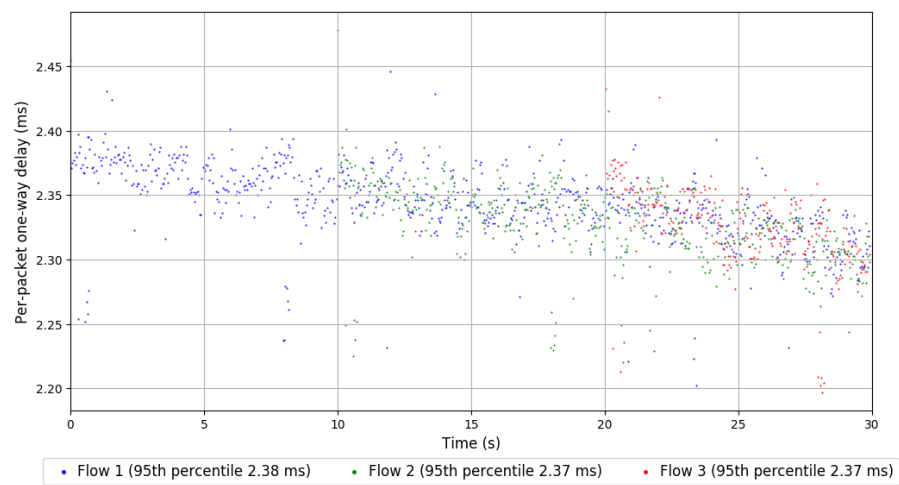
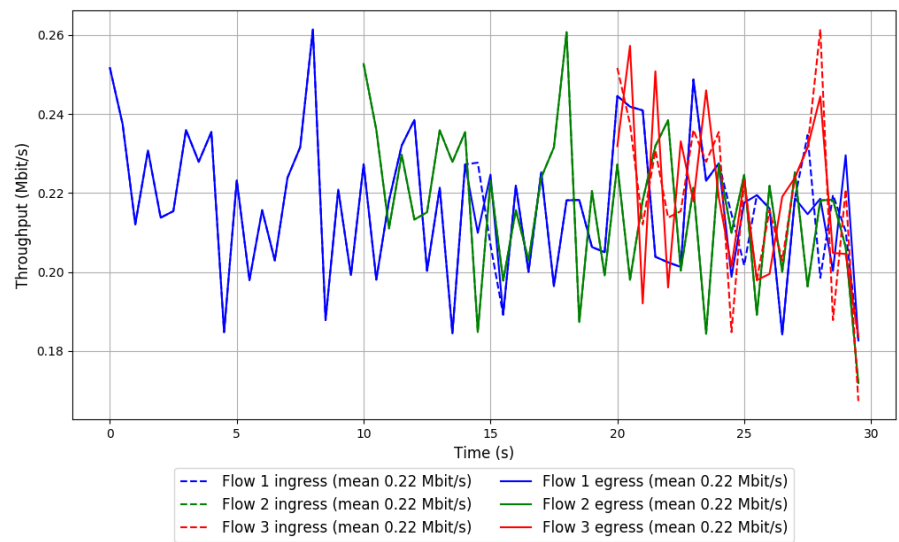


Run 5: Statistics of SReAM

Start at: 2018-02-28 04:59:49
End at: 2018-02-28 05:00:19
Local clock offset: -4.325 ms
Remote clock offset: -6.921 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.383 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.366 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

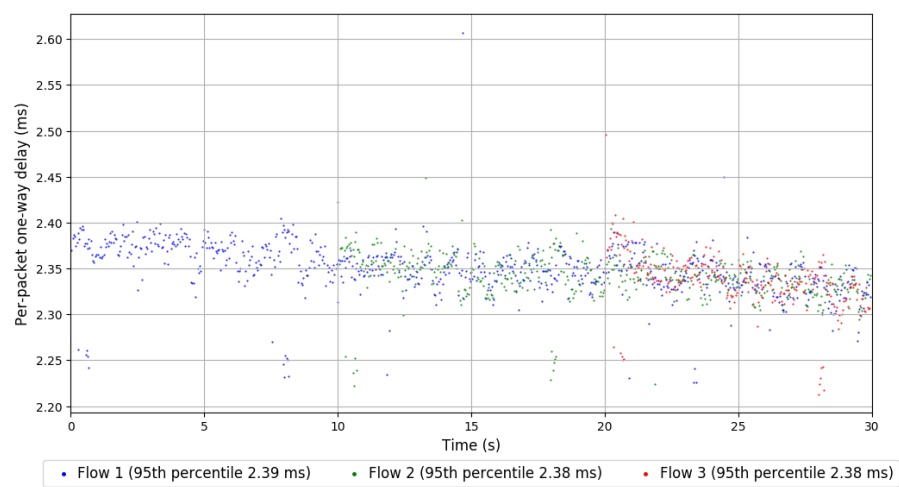
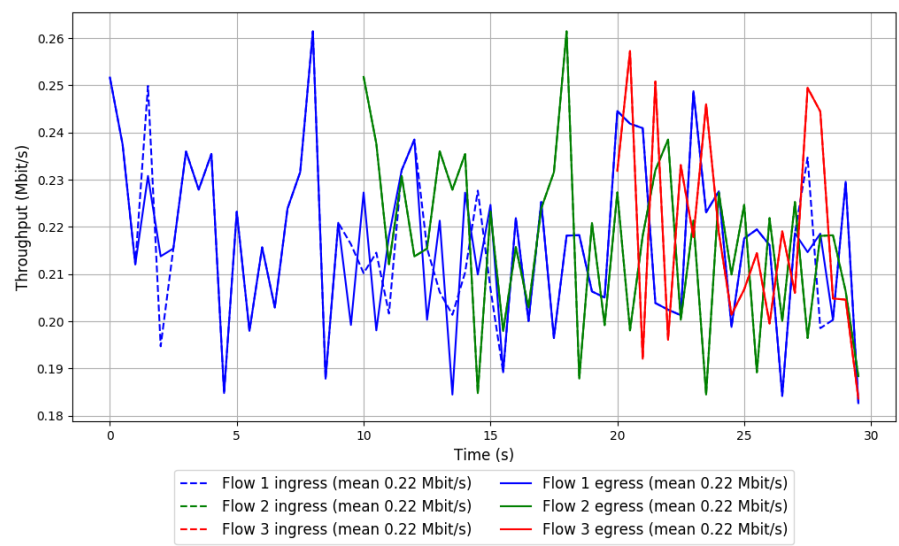


Run 6: Statistics of SReAM

Start at: 2018-02-28 05:20:22
End at: 2018-02-28 05:20:52
Local clock offset: -5.64 ms
Remote clock offset: -6.979 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.384 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.388 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.375 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.382 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

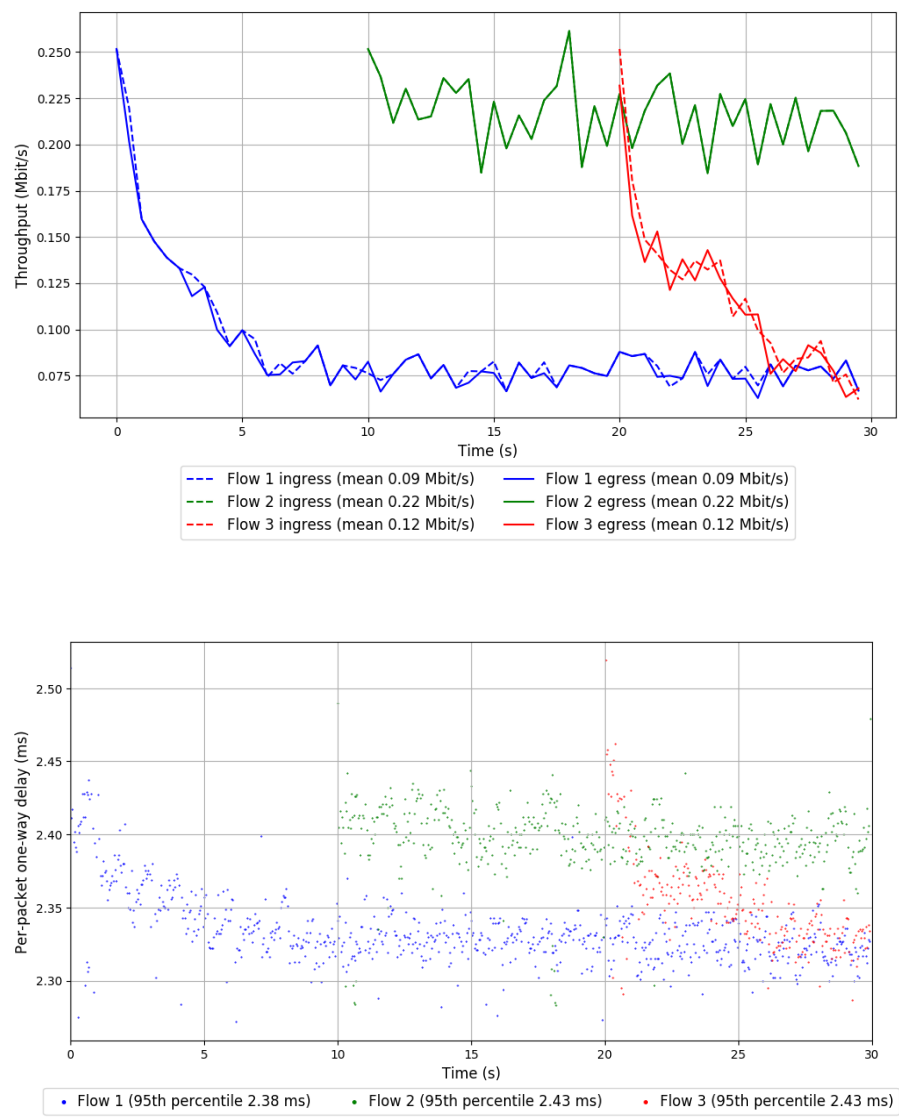


Run 7: Statistics of SReAM

Start at: 2018-02-28 05:40:53
End at: 2018-02-28 05:41:23
Local clock offset: -6.246 ms
Remote clock offset: -6.366 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 2.421 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 2.379 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.426 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 2.426 ms
Loss rate: 2.31%

Run 7: Report of SReAM — Data Link

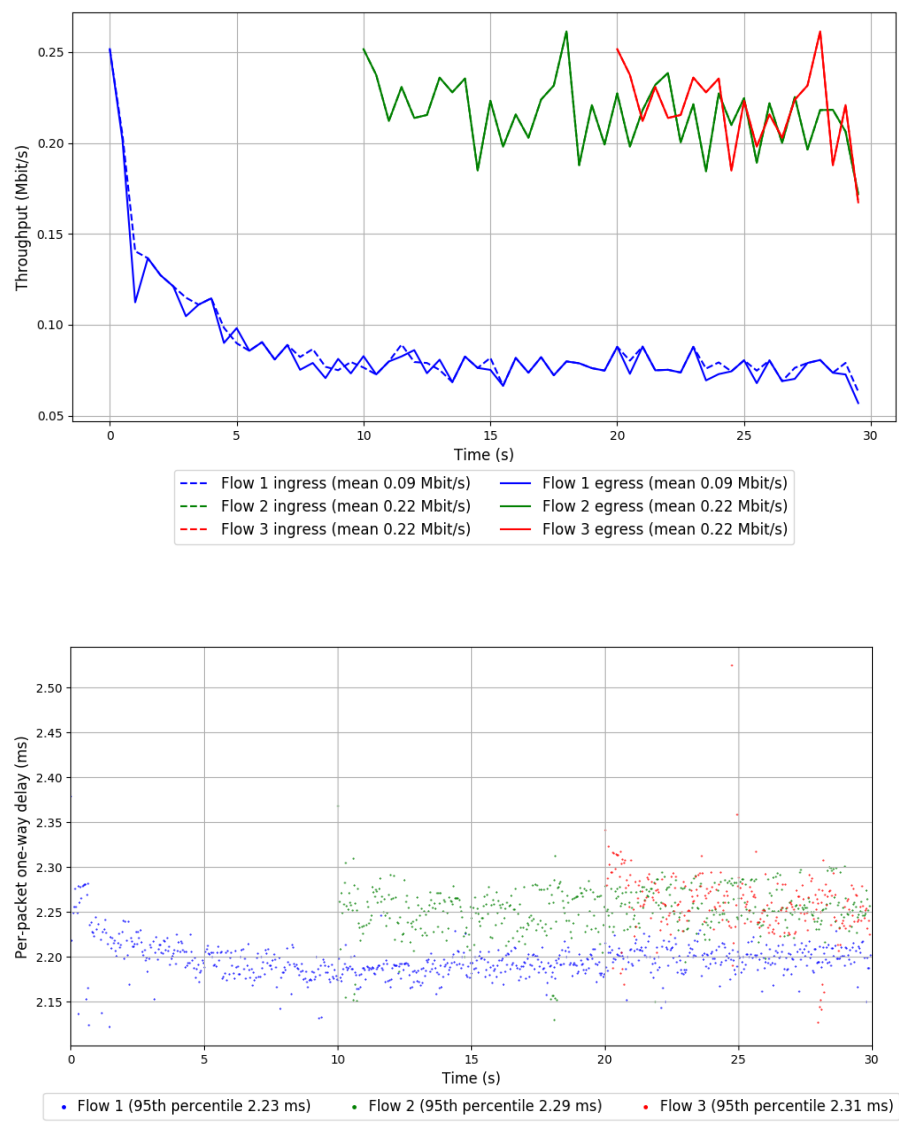


Run 8: Statistics of SReAM

Start at: 2018-02-28 06:01:27
End at: 2018-02-28 06:01:57
Local clock offset: -6.688 ms
Remote clock offset: -6.819 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 2.287 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 2.227 ms
Loss rate: 2.02%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.308 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: 2018-02-28 06:21:59

End at: 2018-02-28 06:22:29

Local clock offset: -5.332 ms

Remote clock offset: -7.25 ms

Below is generated by plot.py at 2018-02-28 07:25:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 2.356 ms

Loss rate: 0.52%

-- Flow 1:

Average throughput: 0.10 Mbit/s

95th percentile per-packet one-way delay: 2.297 ms

Loss rate: 1.64%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.362 ms

Loss rate: 0.00%

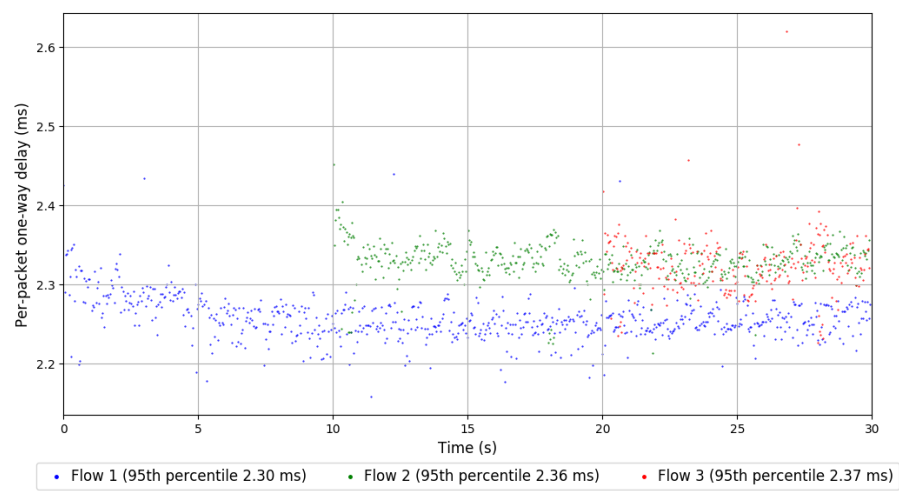
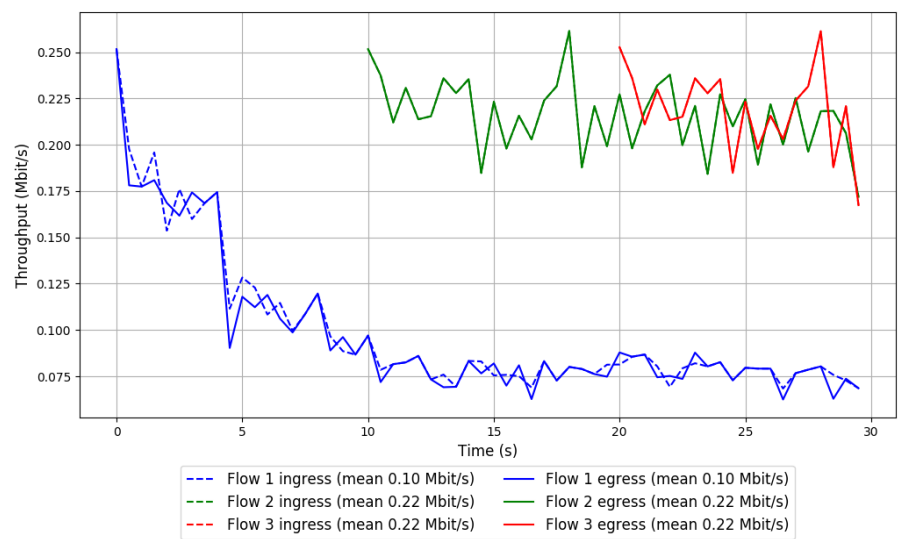
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

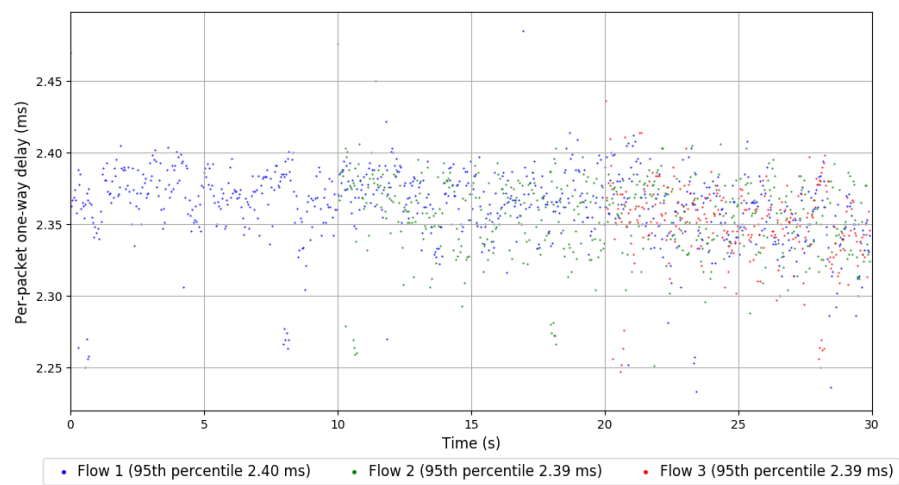
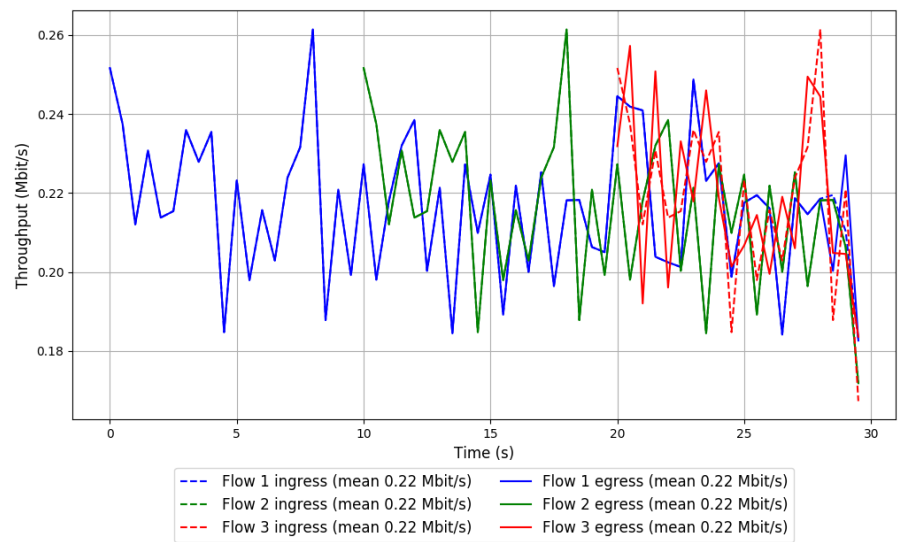


Run 10: Statistics of SReAM

Start at: 2018-02-28 06:42:32
End at: 2018-02-28 06:43:02
Local clock offset: -5.521 ms
Remote clock offset: -6.992 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.396 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.390 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.386 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-02-28 03:27:20

End at: 2018-02-28 03:27:50

Local clock offset: -4.149 ms

Remote clock offset: -6.81 ms

Below is generated by plot.py at 2018-02-28 07:25:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.41 Mbit/s

95th percentile per-packet one-way delay: 6.041 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 5.602 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.51 Mbit/s

95th percentile per-packet one-way delay: 5.827 ms

Loss rate: 0.00%

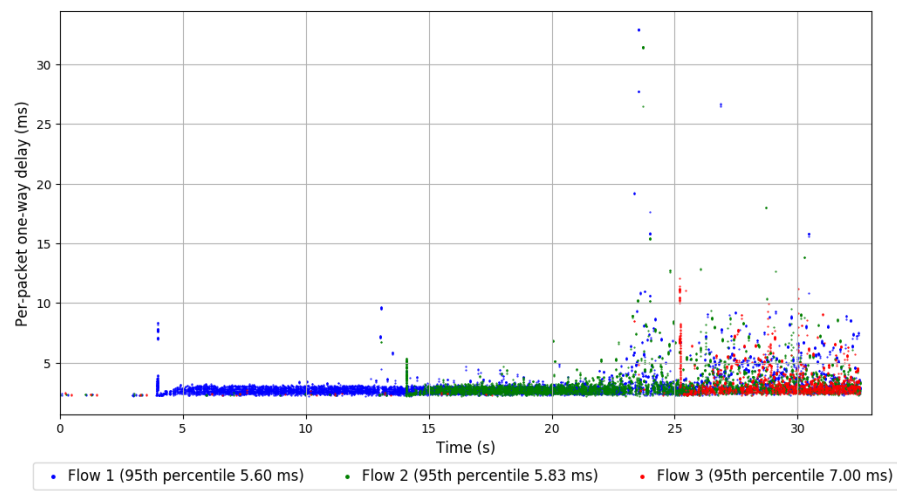
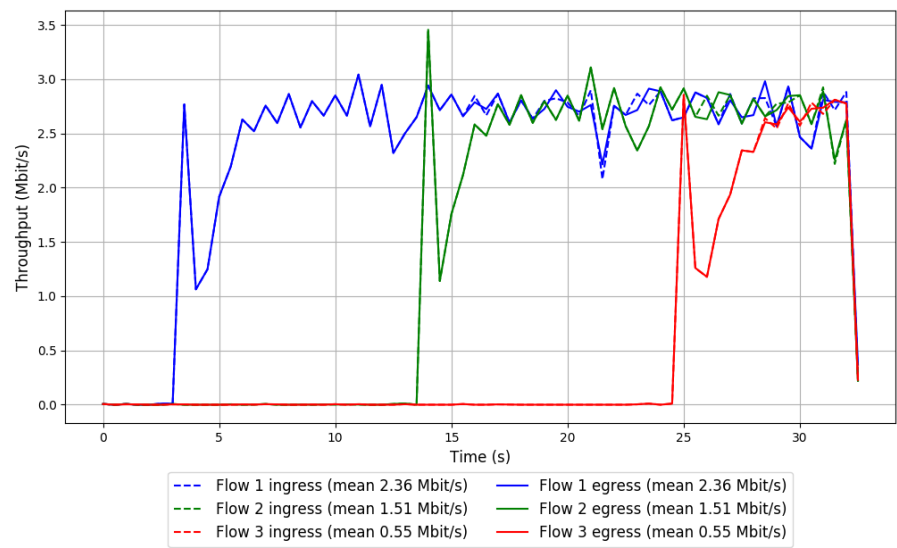
-- Flow 3:

Average throughput: 0.55 Mbit/s

95th percentile per-packet one-way delay: 7.001 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

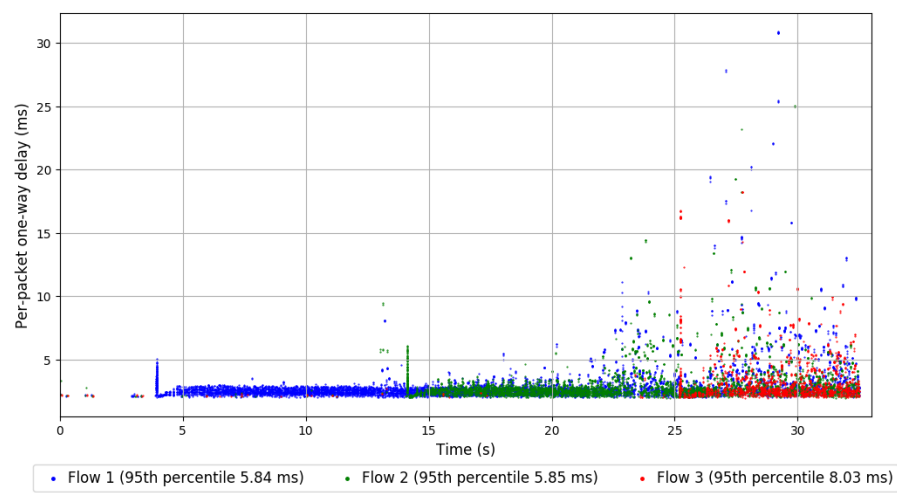
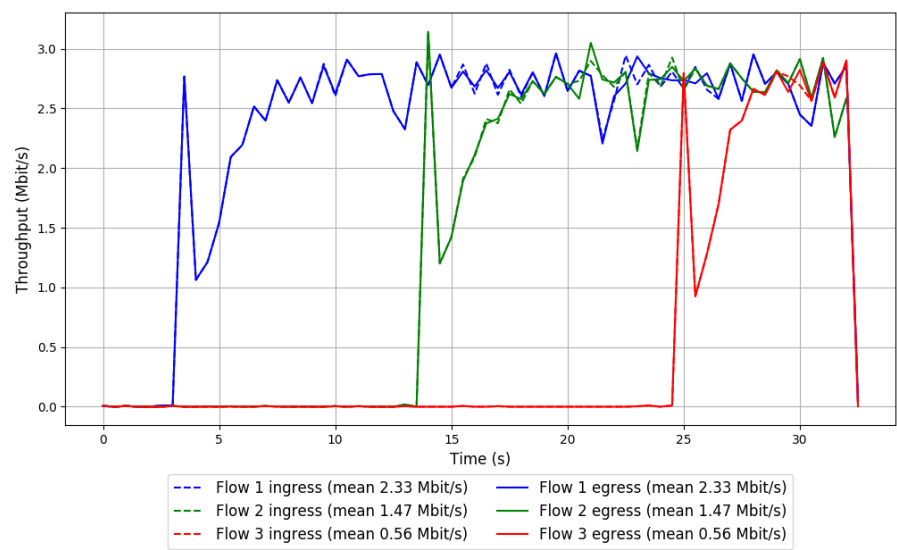


Run 2: Statistics of WebRTC media

Start at: 2018-02-28 03:47:53
End at: 2018-02-28 03:48:23
Local clock offset: -4.217 ms
Remote clock offset: -6.784 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 6.054 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 5.837 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 5.850 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 8.032 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

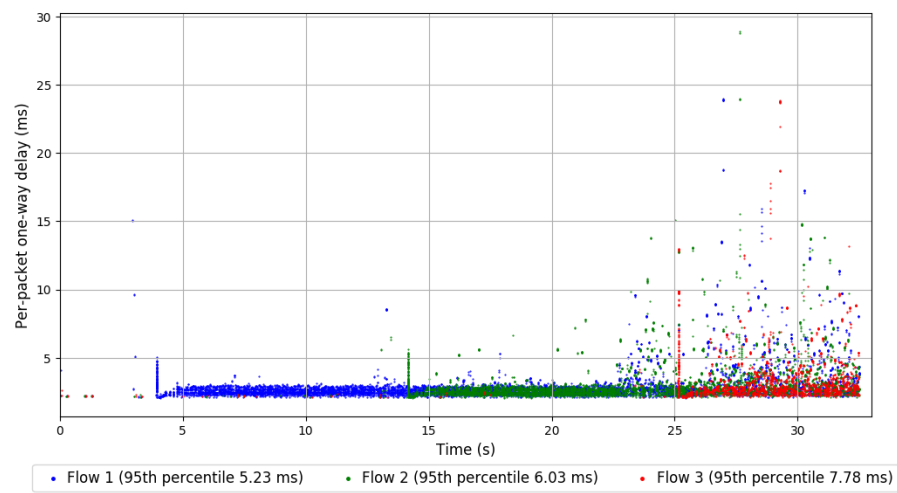
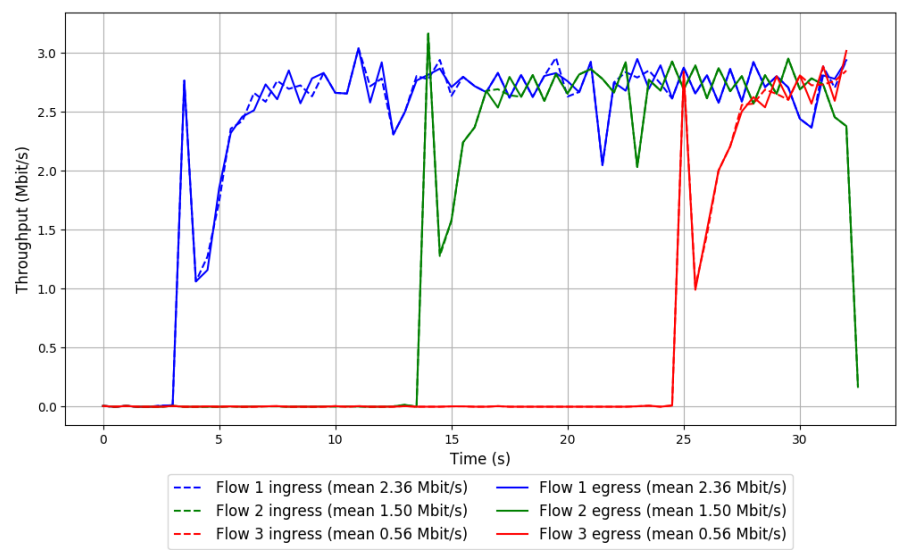


Run 3: Statistics of WebRTC media

Start at: 2018-02-28 04:08:25
End at: 2018-02-28 04:08:55
Local clock offset: -6.69 ms
Remote clock offset: -6.877 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 5.967 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 5.231 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 6.030 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 7.776 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

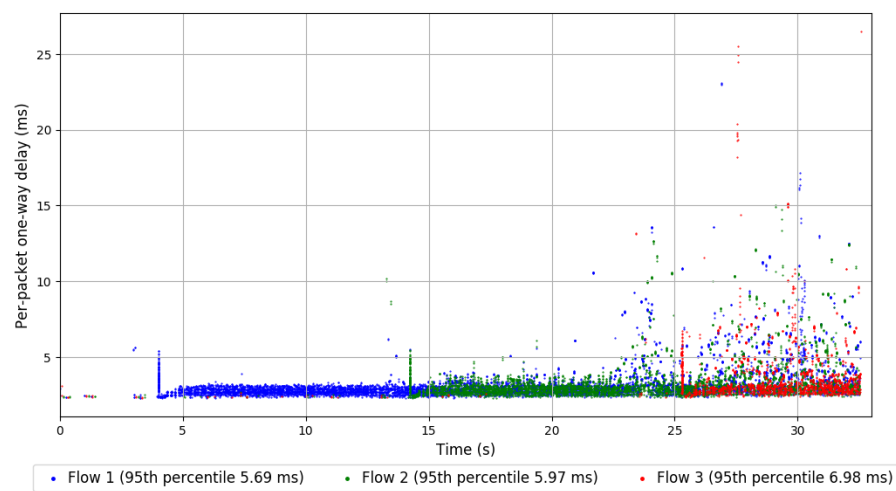
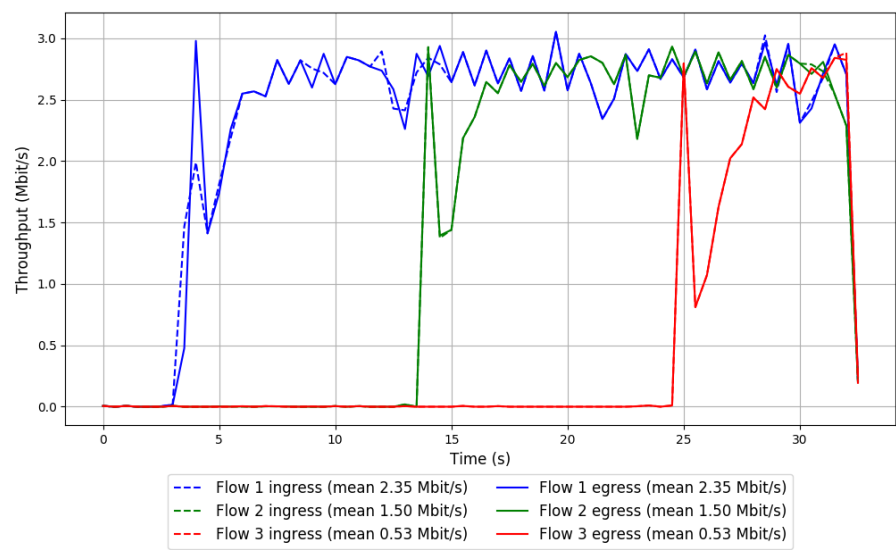


Run 4: Statistics of WebRTC media

Start at: 2018-02-28 04:28:58
End at: 2018-02-28 04:29:28
Local clock offset: -4.859 ms
Remote clock offset: -6.864 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 6.014 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 5.688 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 5.973 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 6.981 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-02-28 04:49:30

End at: 2018-02-28 04:50:00

Local clock offset: -3.499 ms

Remote clock offset: -6.9 ms

Below is generated by plot.py at 2018-02-28 07:25:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.40 Mbit/s

95th percentile per-packet one-way delay: 6.451 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 5.952 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 1.48 Mbit/s

95th percentile per-packet one-way delay: 6.562 ms

Loss rate: 0.00%

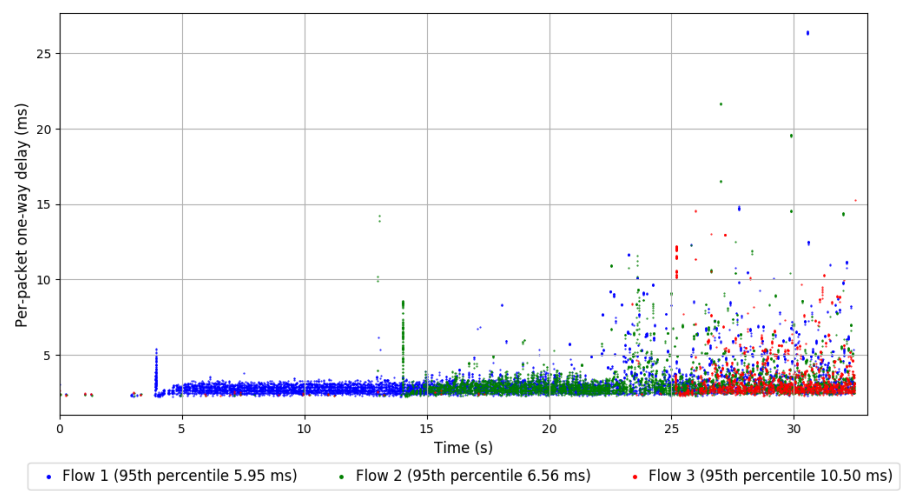
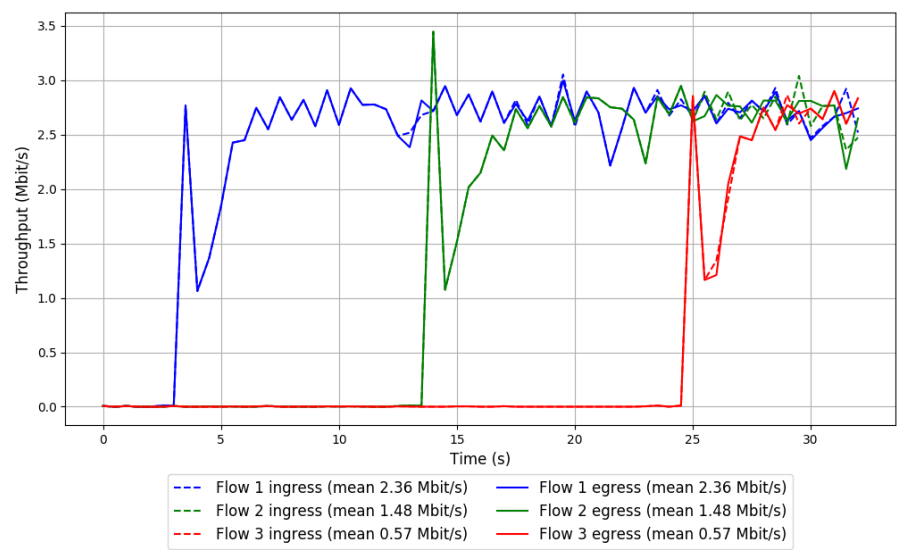
-- Flow 3:

Average throughput: 0.57 Mbit/s

95th percentile per-packet one-way delay: 10.499 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

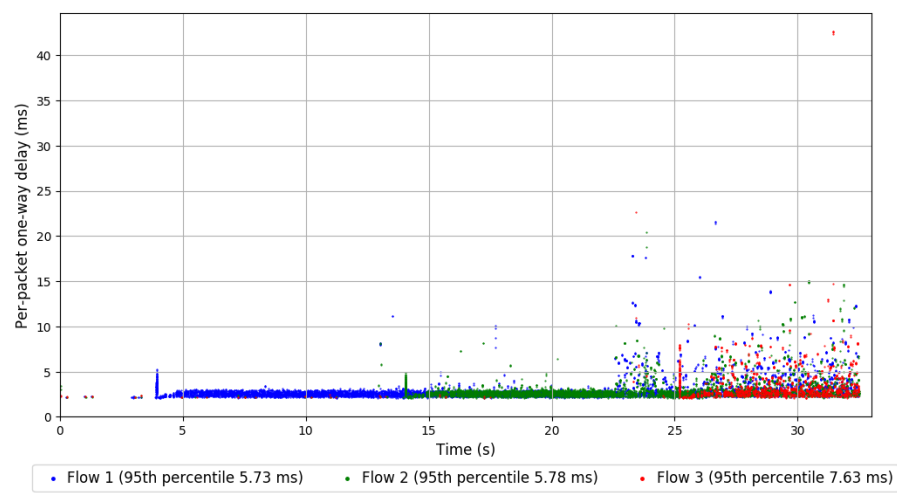
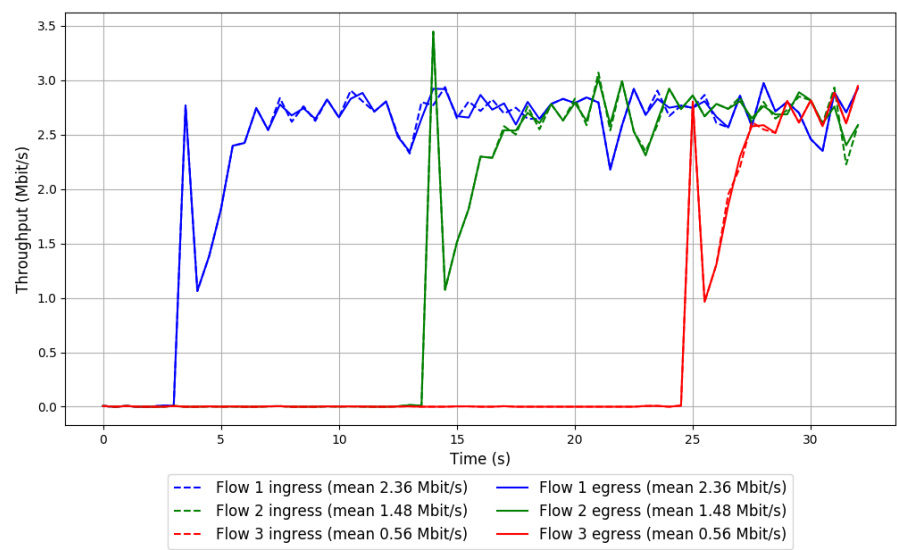


Run 6: Statistics of WebRTC media

Start at: 2018-02-28 05:10:03
End at: 2018-02-28 05:10:33
Local clock offset: -5.168 ms
Remote clock offset: -7.013 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 5.999 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 5.730 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 5.776 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 7.632 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

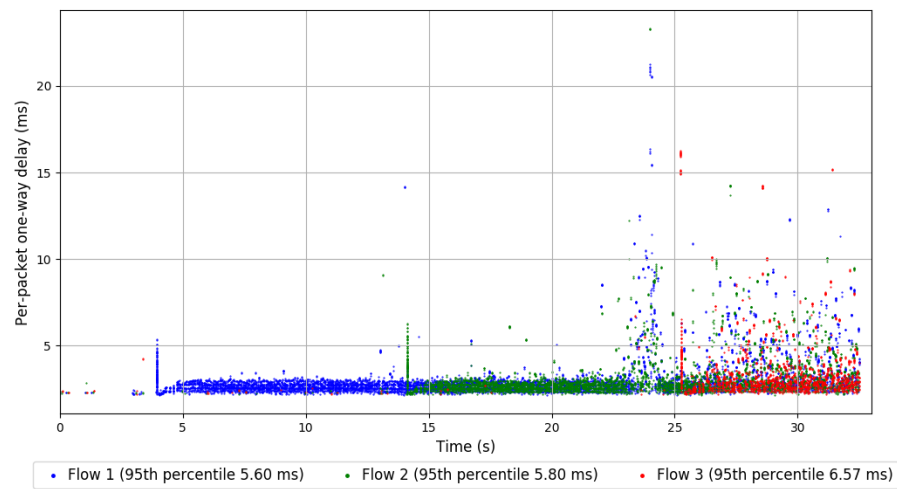
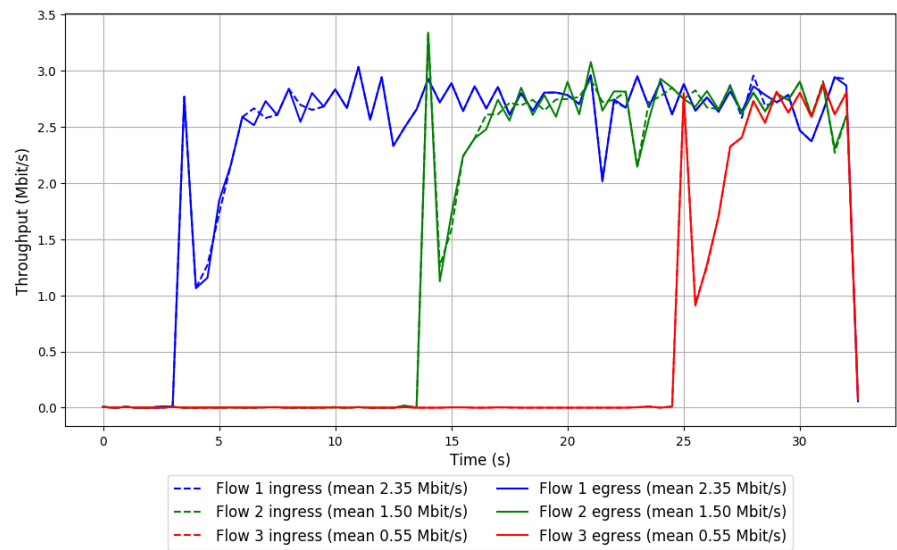


Run 7: Statistics of WebRTC media

Start at: 2018-02-28 05:30:34
End at: 2018-02-28 05:31:04
Local clock offset: -5.91 ms
Remote clock offset: -6.556 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 5.860 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 5.600 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 5.797 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 6.568 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

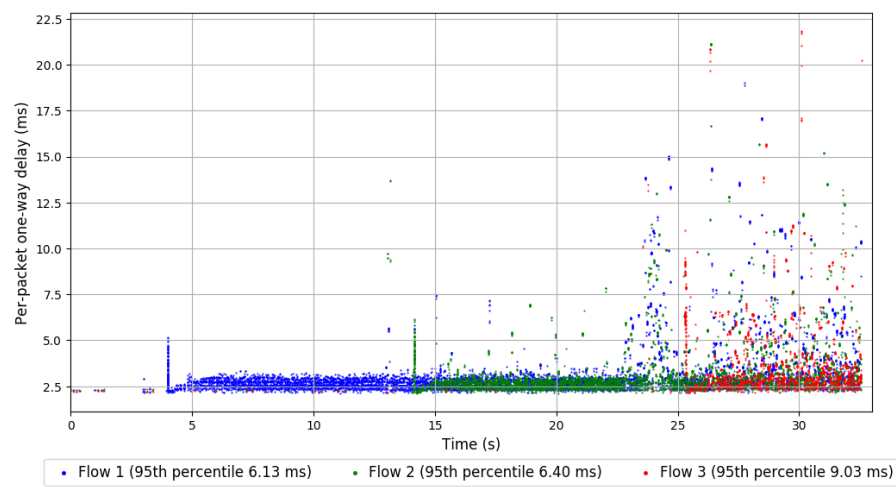
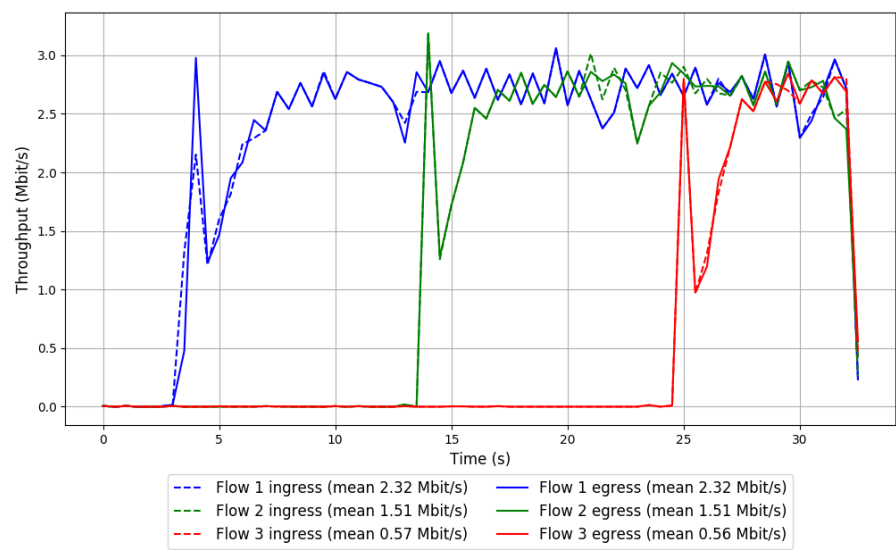


Run 8: Statistics of WebRTC media

Start at: 2018-02-28 05:51:07
End at: 2018-02-28 05:51:37
Local clock offset: -6.506 ms
Remote clock offset: -6.357 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 6.501 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 6.132 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 6.404 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 9.032 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

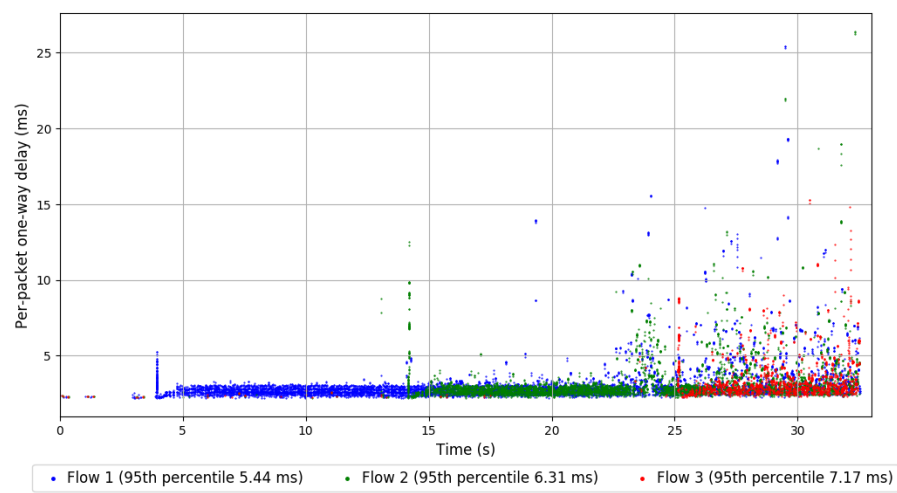
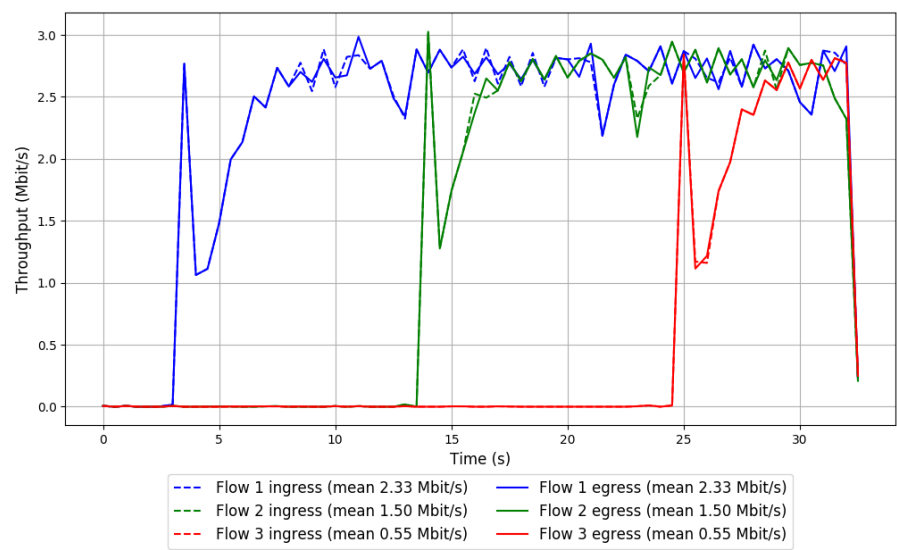


Run 9: Statistics of WebRTC media

Start at: 2018-02-28 06:11:40
End at: 2018-02-28 06:12:10
Local clock offset: -5.691 ms
Remote clock offset: -7.078 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 6.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 5.440 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 6.306 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 7.173 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

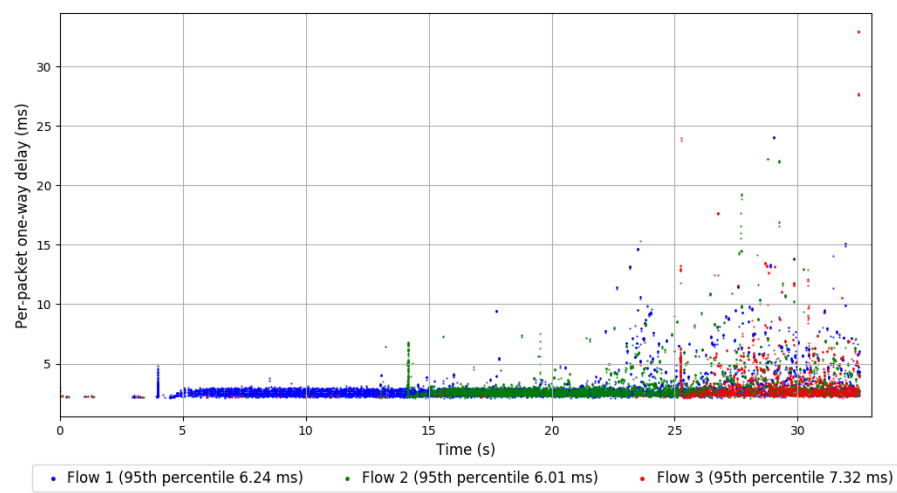
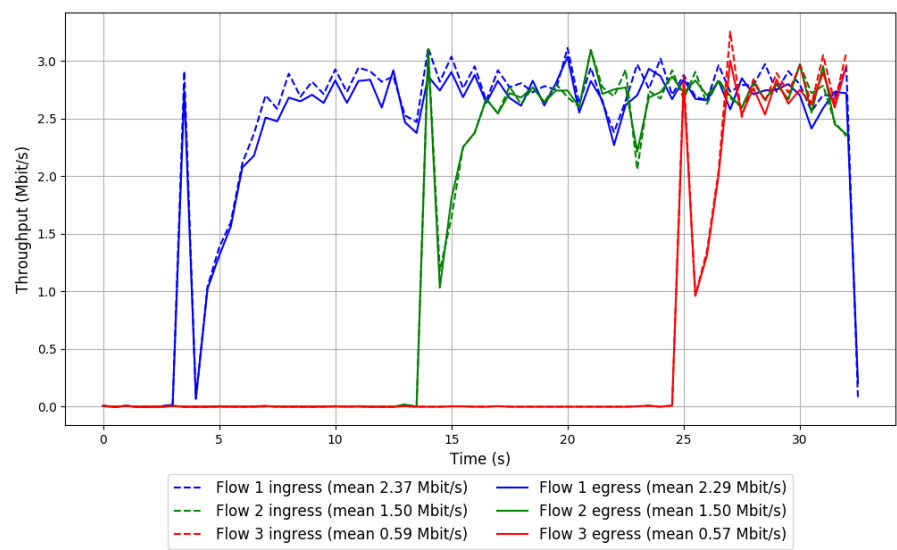


Run 10: Statistics of WebRTC media

Start at: 2018-02-28 06:32:13
End at: 2018-02-28 06:32:43
Local clock offset: -5.19 ms
Remote clock offset: -7.183 ms

Below is generated by plot.py at 2018-02-28 07:25:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 6.312 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 6.235 ms
Loss rate: 3.11%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 6.013 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 7.317 ms
Loss rate: 3.20%

Run 10: Report of WebRTC media — Data Link

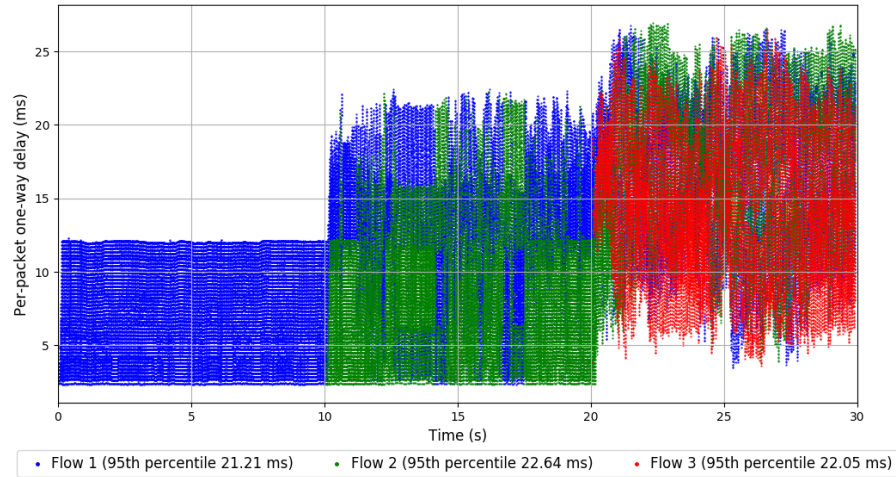
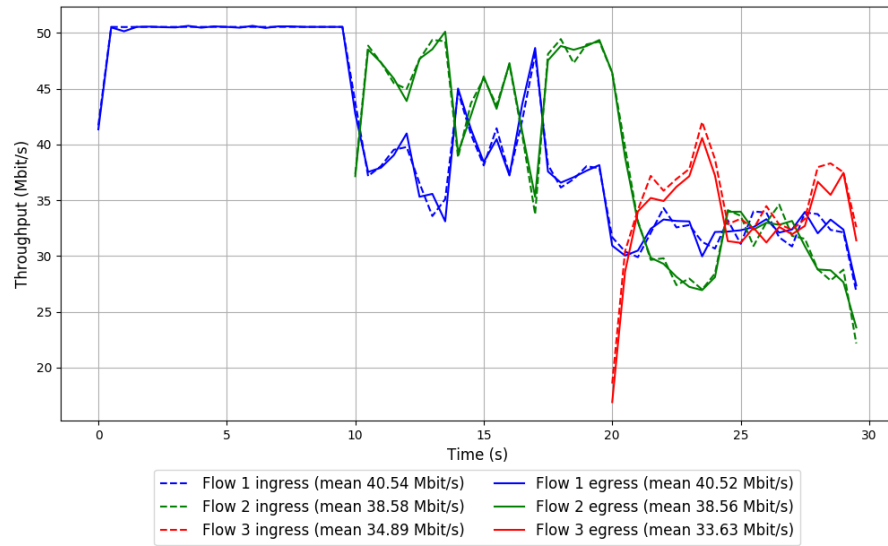


Run 1: Statistics of Sprout

Start at: 2018-02-28 03:41:01
End at: 2018-02-28 03:41:31
Local clock offset: -3.757 ms
Remote clock offset: -6.791 ms

Below is generated by plot.py at 2018-02-28 07:25:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.27 Mbit/s
95th percentile per-packet one-way delay: 21.827 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 21.214 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.56 Mbit/s
95th percentile per-packet one-way delay: 22.643 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.63 Mbit/s
95th percentile per-packet one-way delay: 22.054 ms
Loss rate: 3.53%

Run 1: Report of Sprout — Data Link

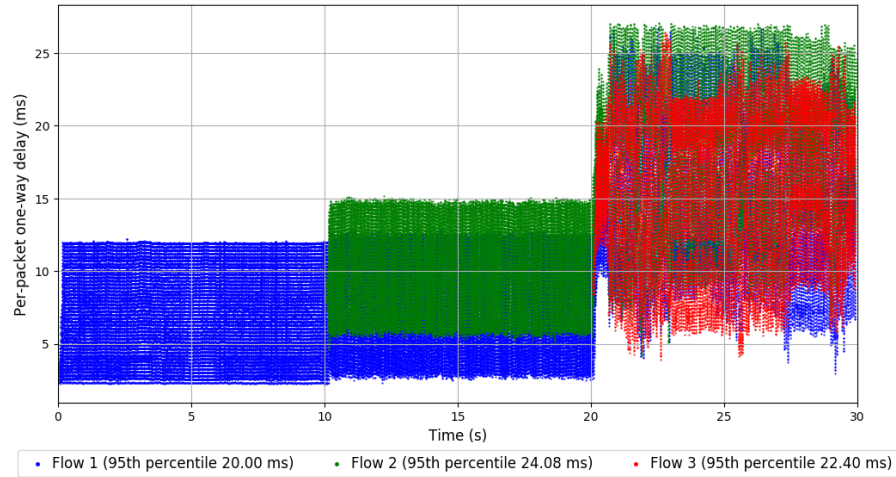
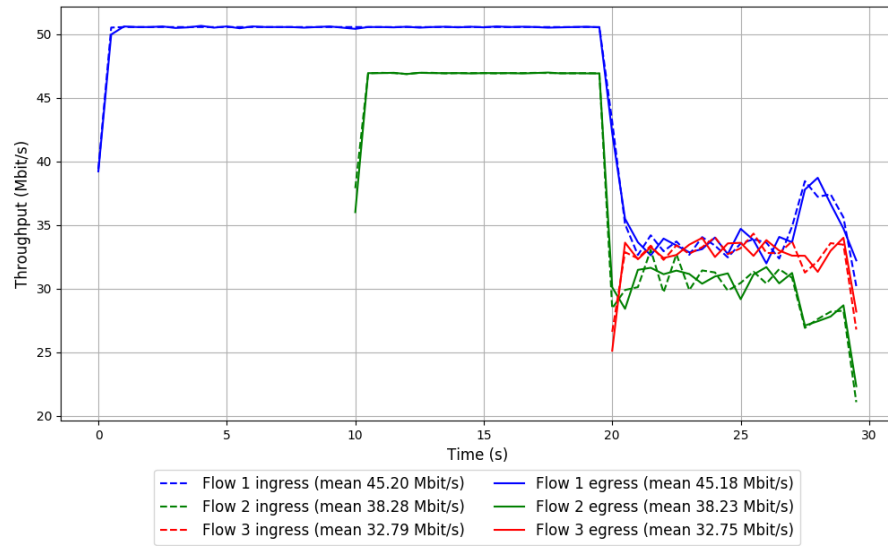


Run 2: Statistics of Sprout

Start at: 2018-02-28 04:01:33
End at: 2018-02-28 04:02:03
Local clock offset: -6.209 ms
Remote clock offset: -6.797 ms

Below is generated by plot.py at 2018-02-28 07:25:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.42 Mbit/s
95th percentile per-packet one-way delay: 22.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 20.004 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.23 Mbit/s
95th percentile per-packet one-way delay: 24.077 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 22.396 ms
Loss rate: 0.03%

Run 2: Report of Sprout — Data Link

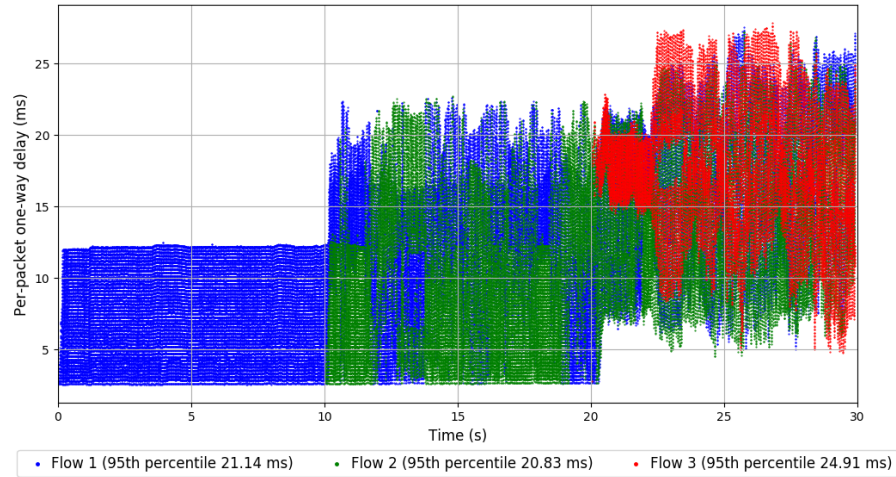
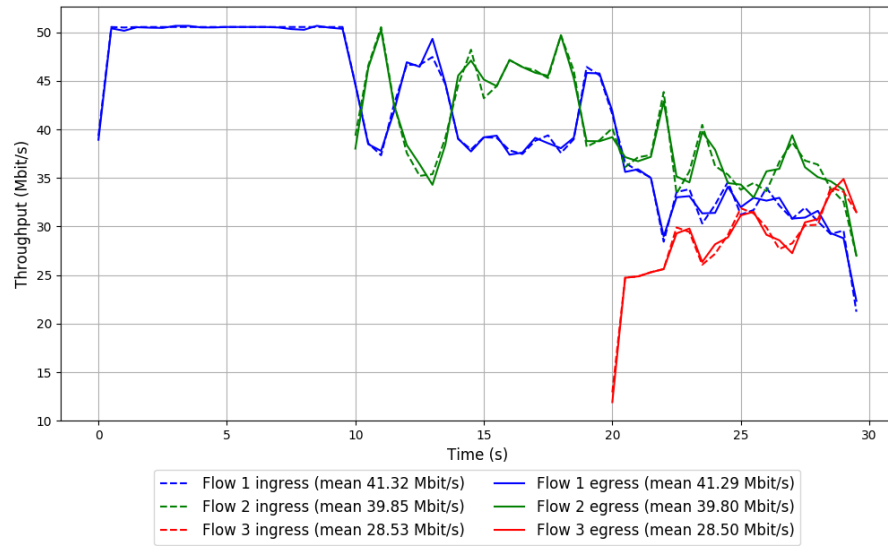


Run 3: Statistics of Sprout

Start at: 2018-02-28 04:22:06
End at: 2018-02-28 04:22:36
Local clock offset: -6.542 ms
Remote clock offset: -6.857 ms

```
# Below is generated by plot.py at 2018-02-28 07:25:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.19 Mbit/s
95th percentile per-packet one-way delay: 21.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.29 Mbit/s
95th percentile per-packet one-way delay: 21.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.80 Mbit/s
95th percentile per-packet one-way delay: 20.833 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.50 Mbit/s
95th percentile per-packet one-way delay: 24.911 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

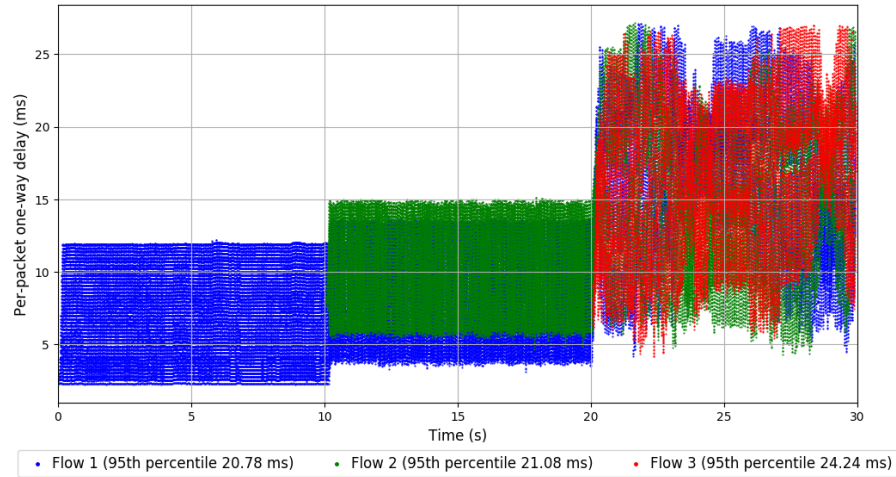
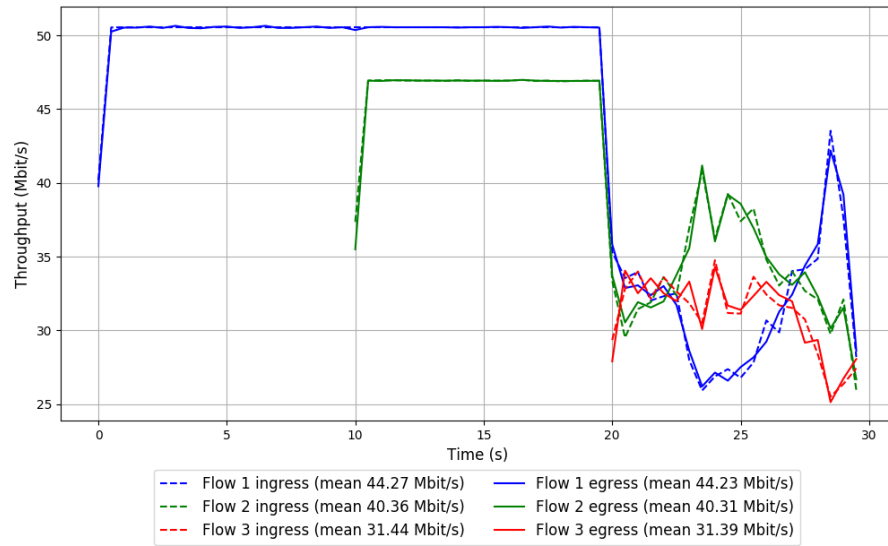


Run 4: Statistics of Sprout

Start at: 2018-02-28 04:42:40
End at: 2018-02-28 04:43:10
Local clock offset: -3.64 ms
Remote clock offset: -6.972 ms

```
# Below is generated by plot.py at 2018-02-28 07:25:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.42 Mbit/s
95th percentile per-packet one-way delay: 21.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.23 Mbit/s
95th percentile per-packet one-way delay: 20.778 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 21.081 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 24.237 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

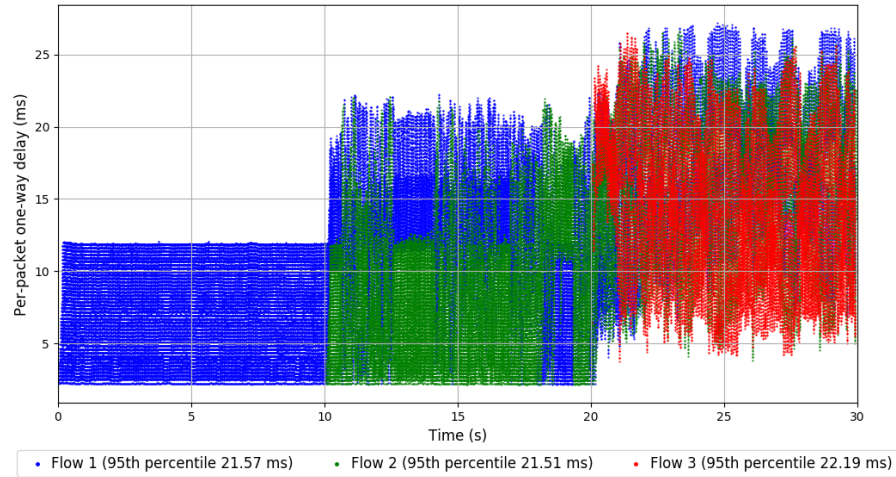
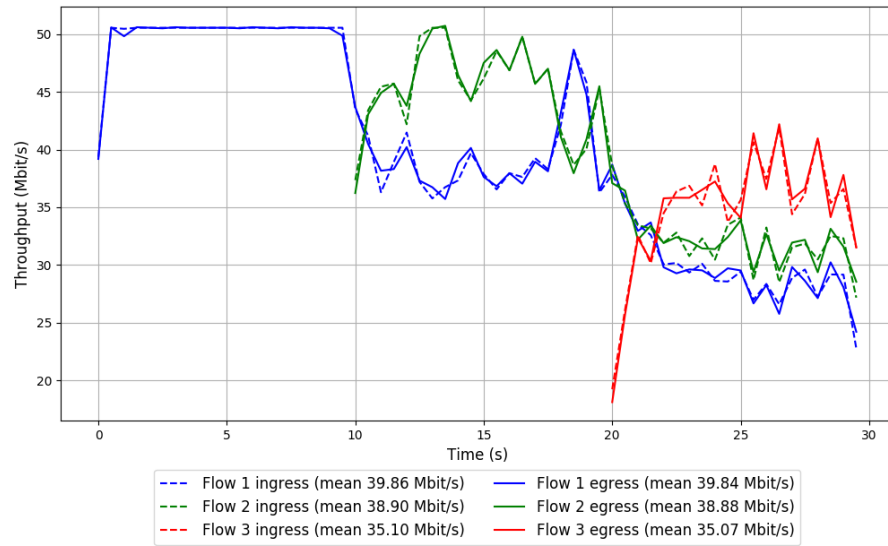


Run 5: Statistics of Sprout

Start at: 2018-02-28 05:03:11
End at: 2018-02-28 05:03:41
Local clock offset: -4.653 ms
Remote clock offset: -6.984 ms

Below is generated by plot.py at 2018-02-28 07:25:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.26 Mbit/s
95th percentile per-packet one-way delay: 21.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.84 Mbit/s
95th percentile per-packet one-way delay: 21.572 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.88 Mbit/s
95th percentile per-packet one-way delay: 21.506 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.07 Mbit/s
95th percentile per-packet one-way delay: 22.192 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

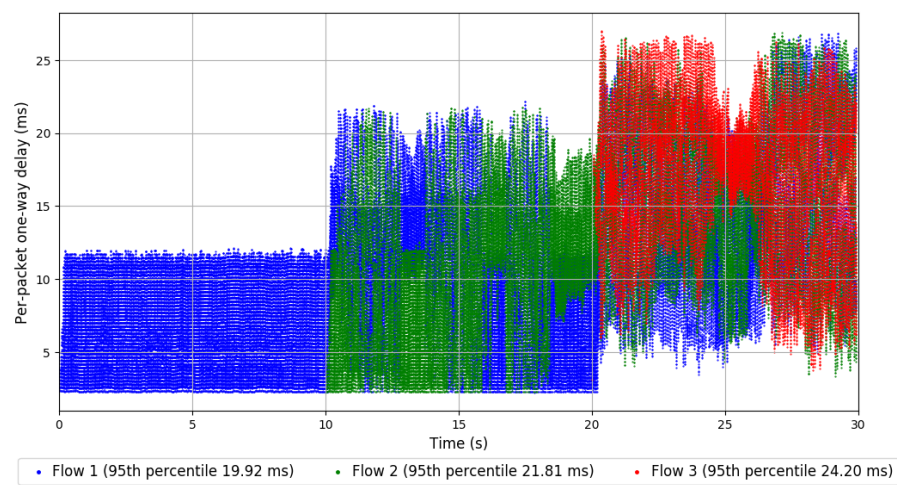
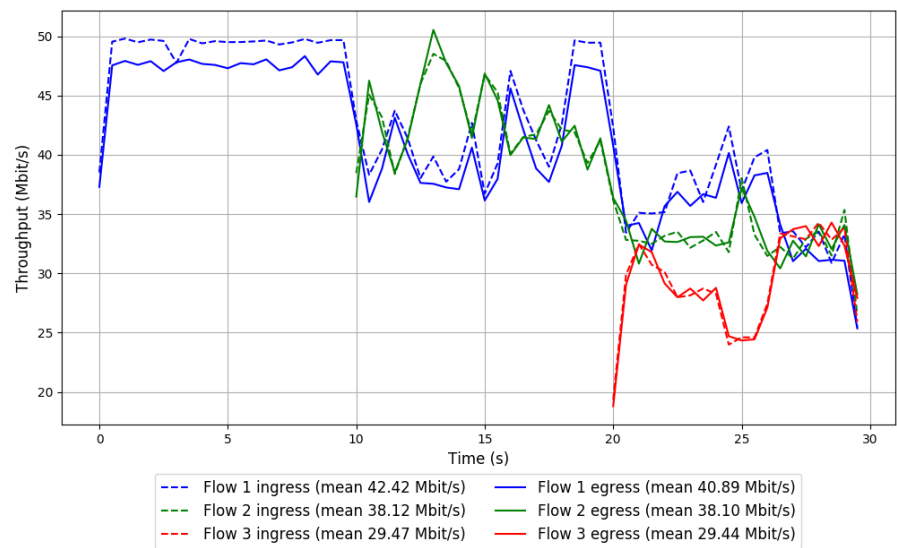


Run 6: Statistics of Sprout

Start at: 2018-02-28 05:23:44
End at: 2018-02-28 05:24:14
Local clock offset: -5.717 ms
Remote clock offset: -6.797 ms

Below is generated by plot.py at 2018-02-28 07:25:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 21.768 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 40.89 Mbit/s
95th percentile per-packet one-way delay: 19.917 ms
Loss rate: 3.58%
-- Flow 2:
Average throughput: 38.10 Mbit/s
95th percentile per-packet one-way delay: 21.808 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 24.198 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

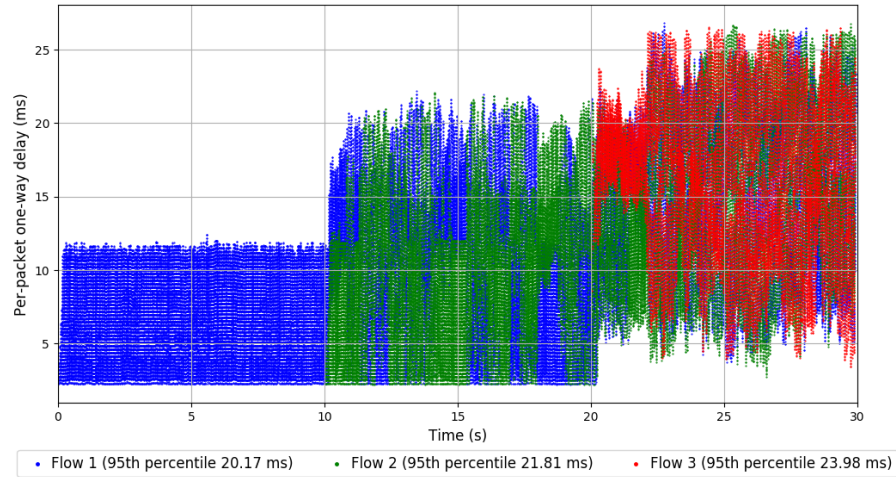
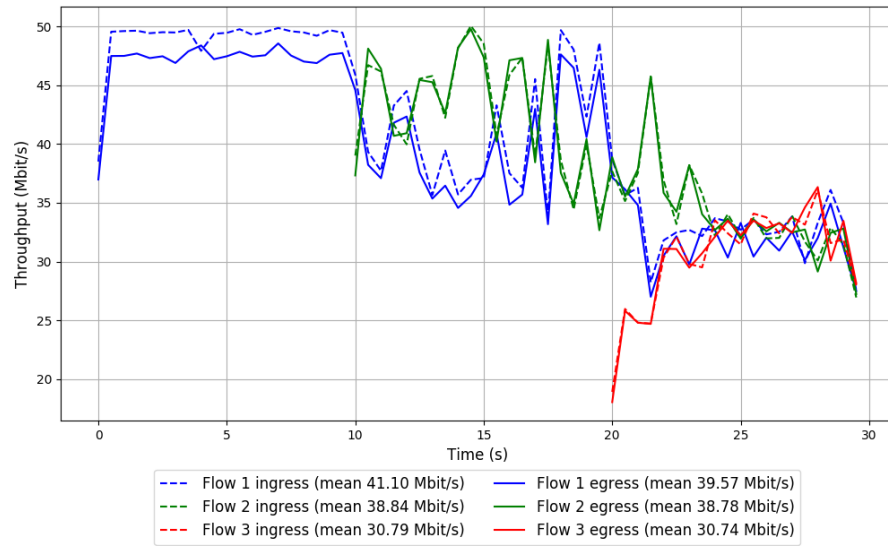


Run 7: Statistics of Sprout

Start at: 2018-02-28 05:44:16
End at: 2018-02-28 05:44:46
Local clock offset: -6.259 ms
Remote clock offset: -6.36 ms

Below is generated by plot.py at 2018-02-28 07:26:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 21.750 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 20.167 ms
Loss rate: 3.67%
-- Flow 2:
Average throughput: 38.78 Mbit/s
95th percentile per-packet one-way delay: 21.809 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.74 Mbit/s
95th percentile per-packet one-way delay: 23.981 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

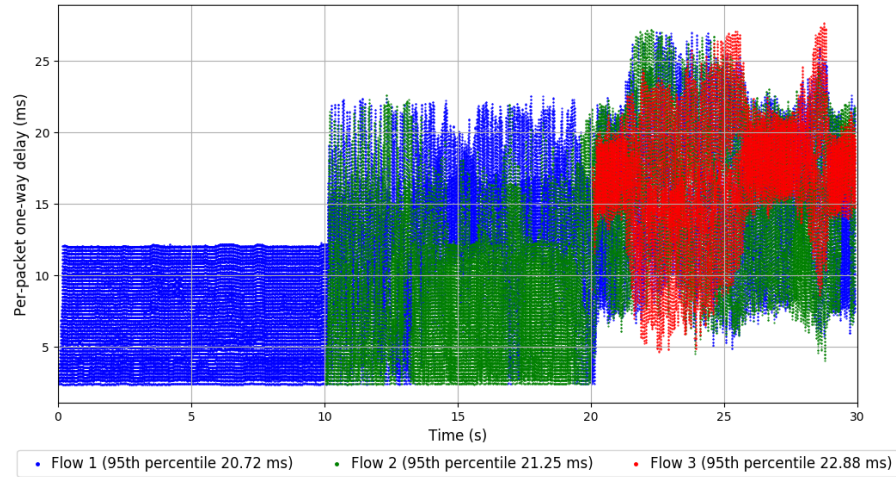
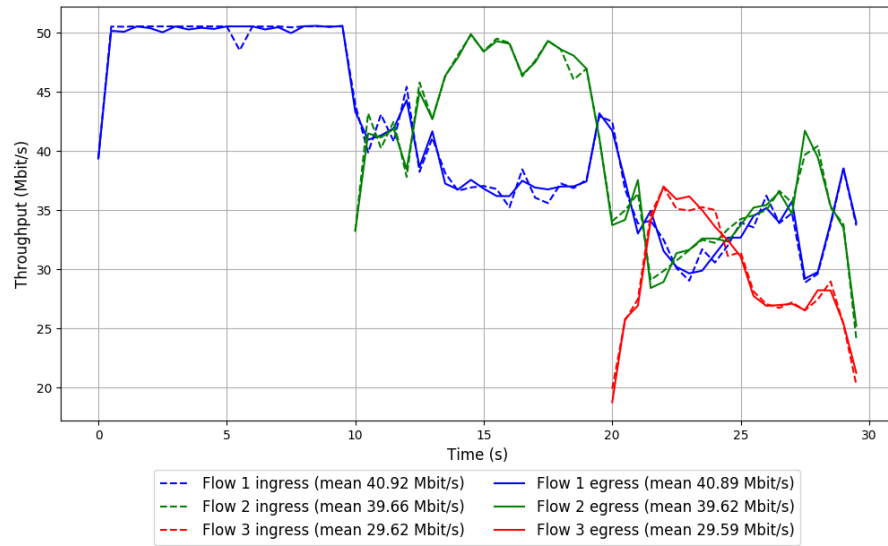


Run 8: Statistics of Sprout

Start at: 2018-02-28 06:04:49
End at: 2018-02-28 06:05:19
Local clock offset: -6.348 ms
Remote clock offset: -6.865 ms

Below is generated by plot.py at 2018-02-28 07:26:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.03 Mbit/s
95th percentile per-packet one-way delay: 21.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.89 Mbit/s
95th percentile per-packet one-way delay: 20.722 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 21.255 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.59 Mbit/s
95th percentile per-packet one-way delay: 22.882 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

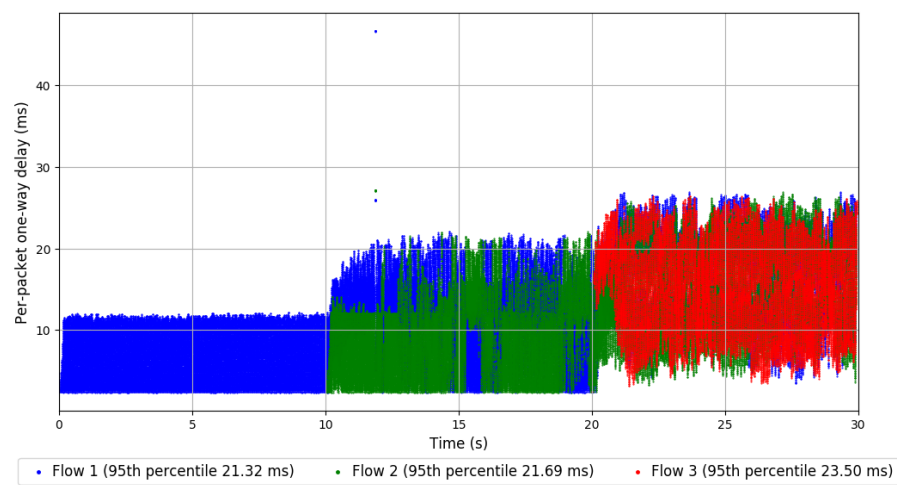
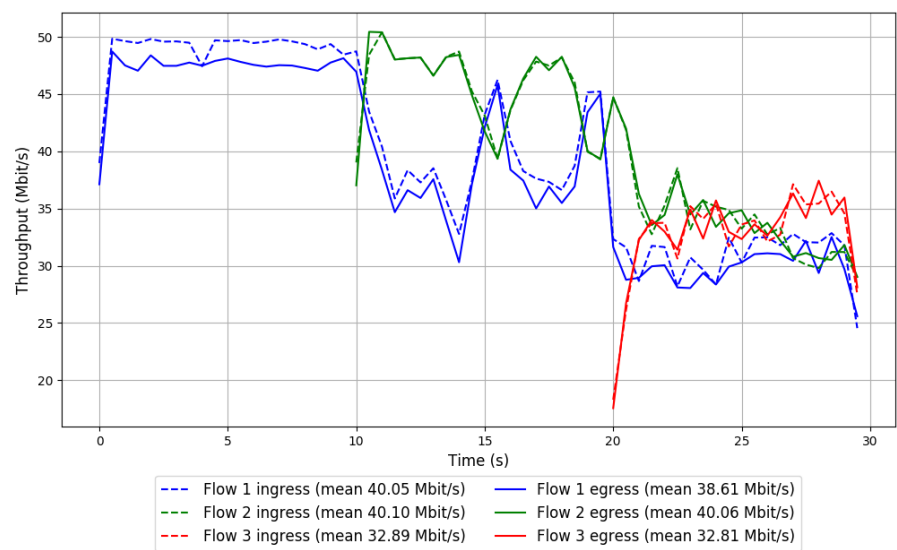


Run 9: Statistics of Sprout

Start at: 2018-02-28 06:25:21
End at: 2018-02-28 06:25:51
Local clock offset: -5.331 ms
Remote clock offset: -7.216 ms

Below is generated by plot.py at 2018-02-28 07:26:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.10 Mbit/s
95th percentile per-packet one-way delay: 22.081 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 21.319 ms
Loss rate: 3.53%
-- Flow 2:
Average throughput: 40.06 Mbit/s
95th percentile per-packet one-way delay: 21.692 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 23.500 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

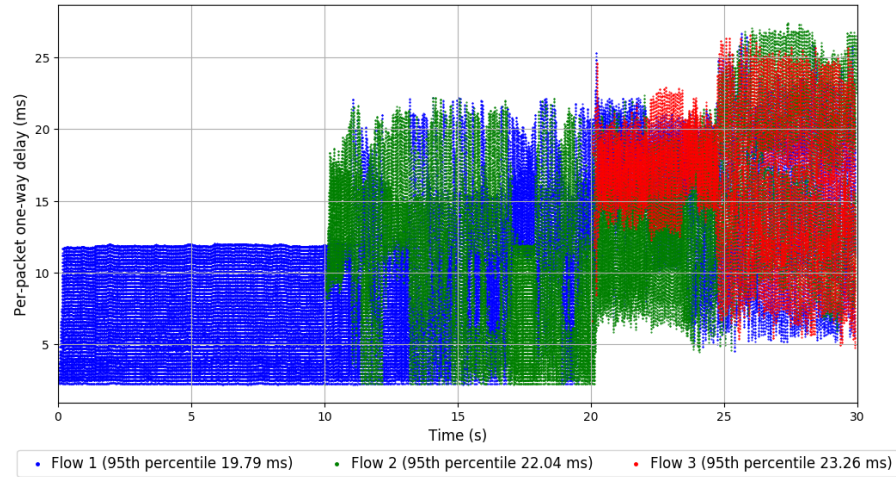
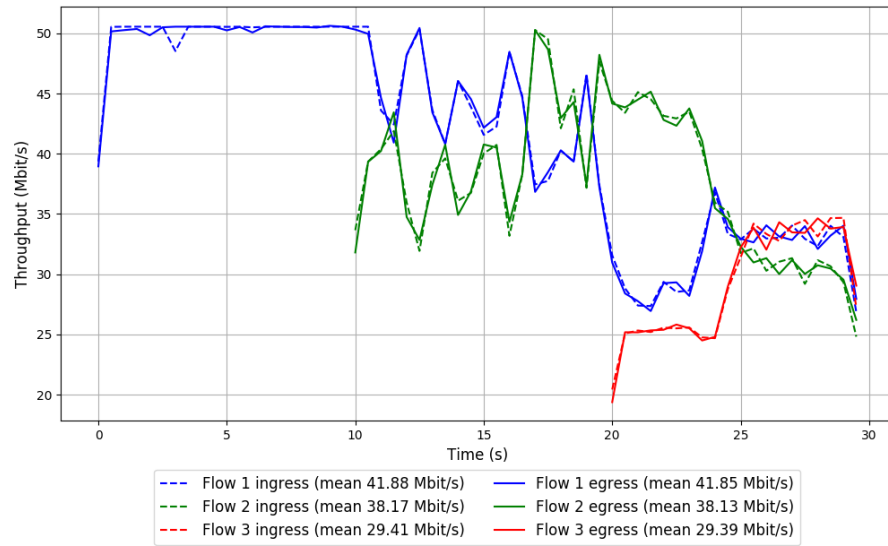


Run 10: Statistics of Sprout

Start at: 2018-02-28 06:45:55
End at: 2018-02-28 06:46:25
Local clock offset: -5.598 ms
Remote clock offset: -7.047 ms

```
# Below is generated by plot.py at 2018-02-28 07:26:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.92 Mbit/s
95th percentile per-packet one-way delay: 21.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.85 Mbit/s
95th percentile per-packet one-way delay: 19.787 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.13 Mbit/s
95th percentile per-packet one-way delay: 22.037 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.39 Mbit/s
95th percentile per-packet one-way delay: 23.264 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

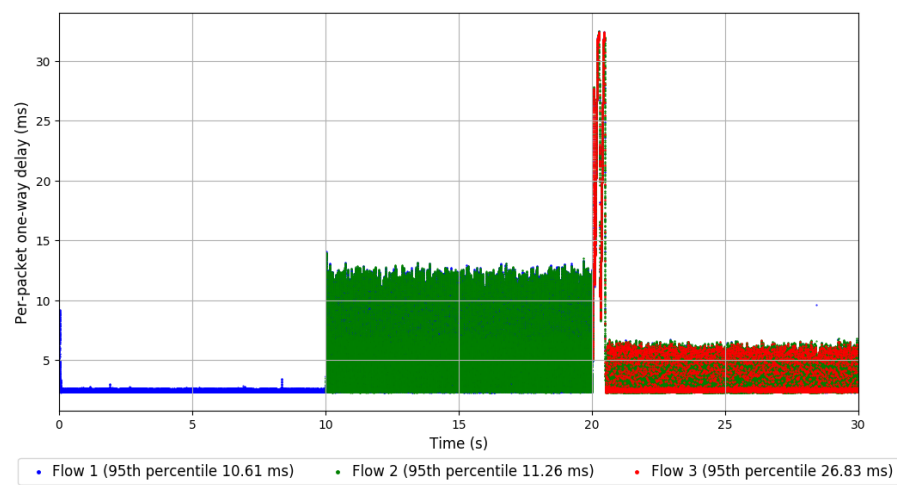
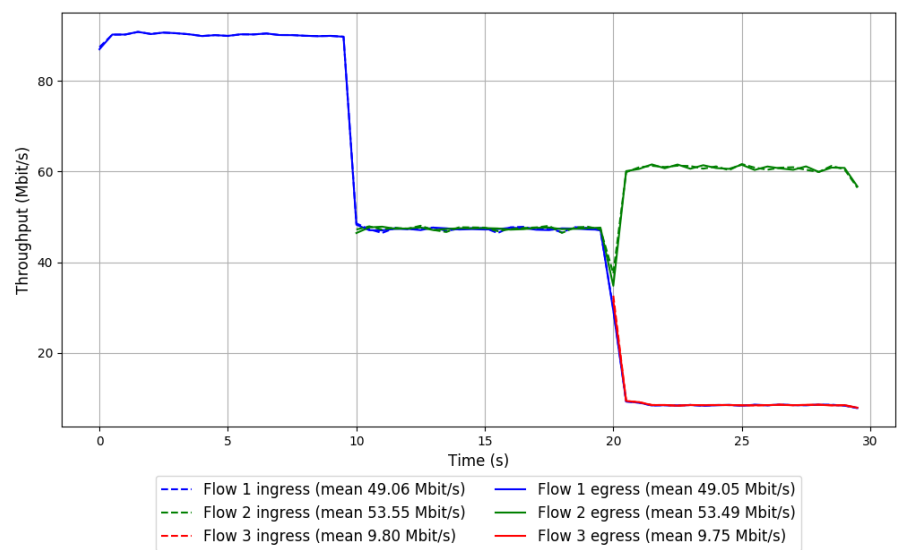


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-28 03:35:21
End at: 2018-02-28 03:35:51
Local clock offset: -3.842 ms
Remote clock offset: -6.789 ms

# Below is generated by plot.py at 2018-02-28 07:27:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 11.064 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 49.05 Mbit/s
95th percentile per-packet one-way delay: 10.608 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 53.49 Mbit/s
95th percentile per-packet one-way delay: 11.261 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 9.75 Mbit/s
95th percentile per-packet one-way delay: 26.829 ms
Loss rate: 0.53%
```


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

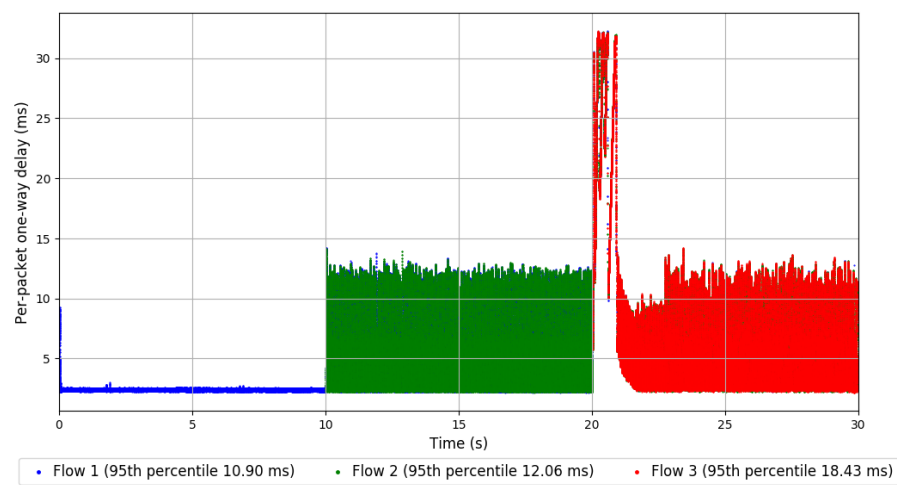
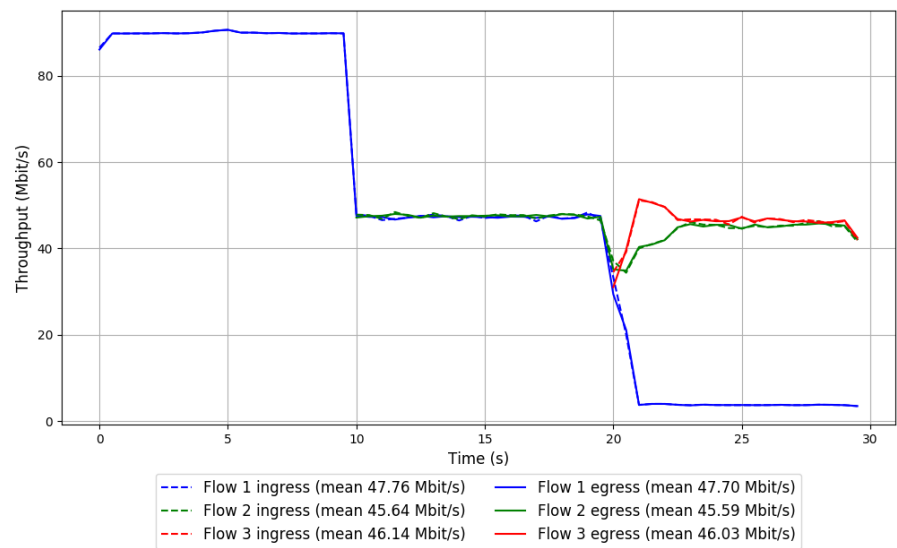


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-28 03:55:53
End at: 2018-02-28 03:56:23
Local clock offset: -5.636 ms
Remote clock offset: -6.785 ms

Below is generated by plot.py at 2018-02-28 07:27:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.33 Mbit/s
95th percentile per-packet one-way delay: 11.769 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 47.70 Mbit/s
95th percentile per-packet one-way delay: 10.899 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 45.59 Mbit/s
95th percentile per-packet one-way delay: 12.056 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 46.03 Mbit/s
95th percentile per-packet one-way delay: 18.435 ms
Loss rate: 0.26%

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

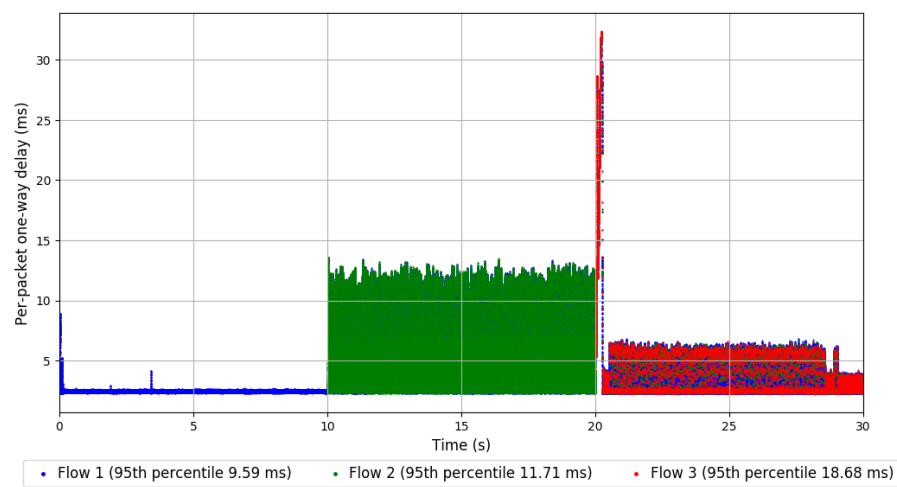
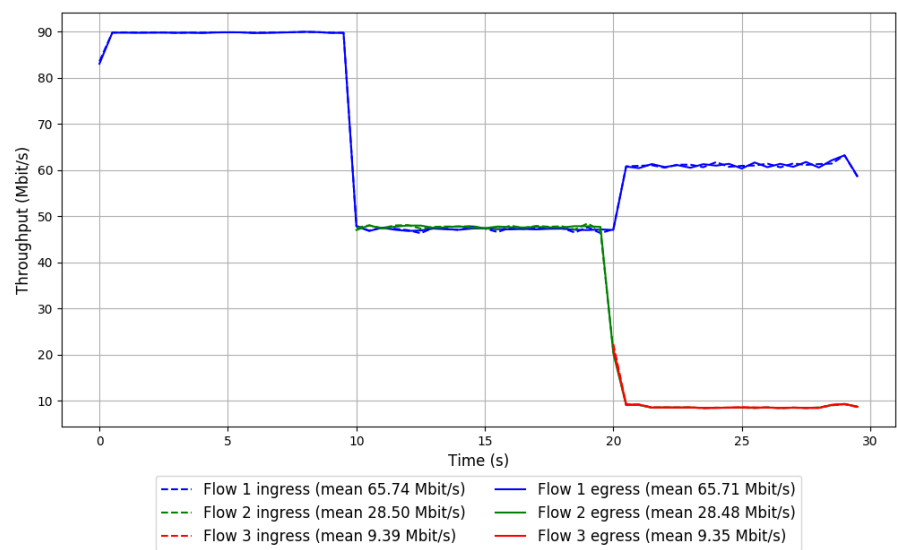


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-28 04:16:26
End at: 2018-02-28 04:16:56
Local clock offset: -7.087 ms
Remote clock offset: -6.838 ms

Below is generated by plot.py at 2018-02-28 07:27:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 10.719 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 65.71 Mbit/s
95th percentile per-packet one-way delay: 9.593 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 28.48 Mbit/s
95th percentile per-packet one-way delay: 11.711 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 9.35 Mbit/s
95th percentile per-packet one-way delay: 18.677 ms
Loss rate: 0.52%

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

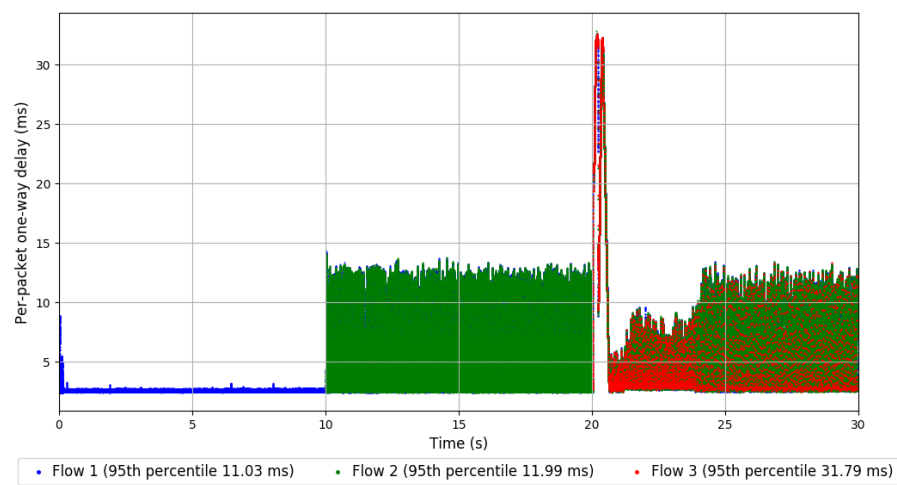
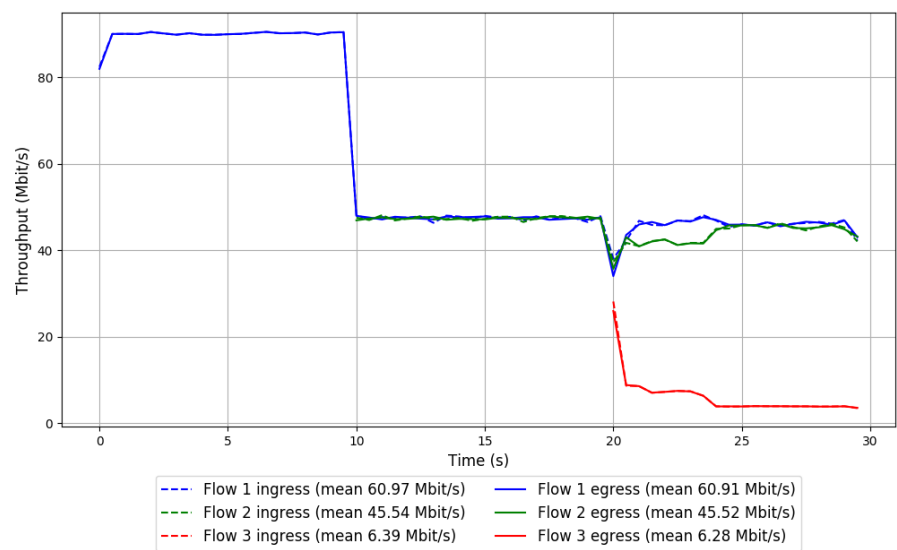


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-28 04:36:59
End at: 2018-02-28 04:37:29
Local clock offset: -4.037 ms
Remote clock offset: -6.879 ms

Below is generated by plot.py at 2018-02-28 07:27:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 11.581 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 60.91 Mbit/s
95th percentile per-packet one-way delay: 11.028 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 11.995 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 6.28 Mbit/s
95th percentile per-packet one-way delay: 31.793 ms
Loss rate: 1.57%

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

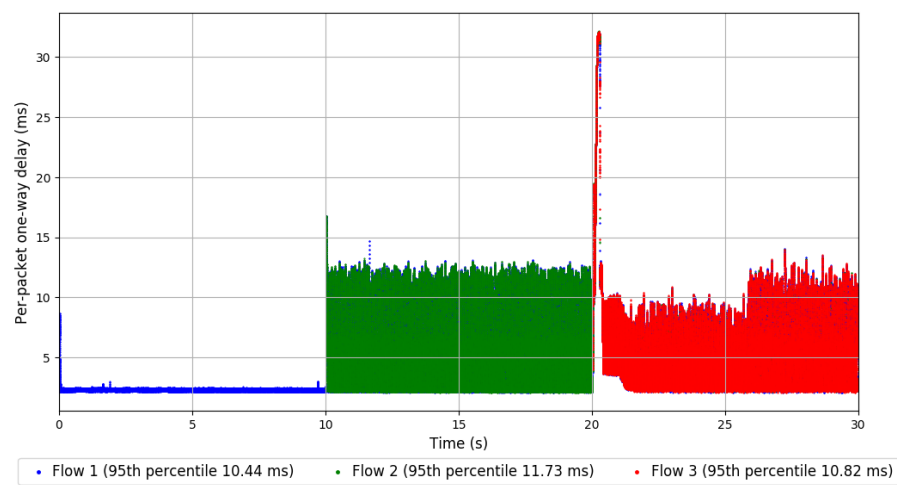
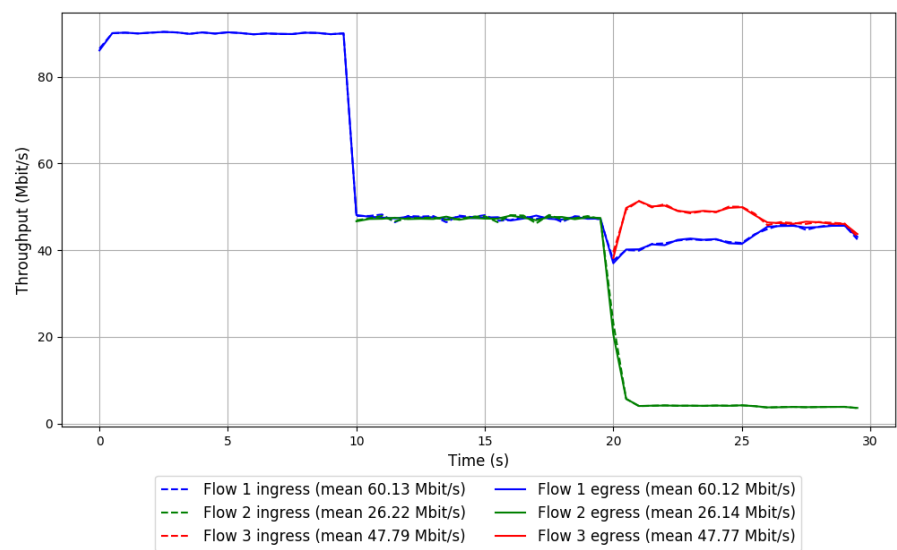


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-28 04:57:31
End at: 2018-02-28 04:58:01
Local clock offset: -3.898 ms
Remote clock offset: -7.012 ms

Below is generated by plot.py at 2018-02-28 07:28:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 10.973 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 60.12 Mbit/s
95th percentile per-packet one-way delay: 10.440 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.14 Mbit/s
95th percentile per-packet one-way delay: 11.735 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 47.77 Mbit/s
95th percentile per-packet one-way delay: 10.825 ms
Loss rate: 0.05%

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

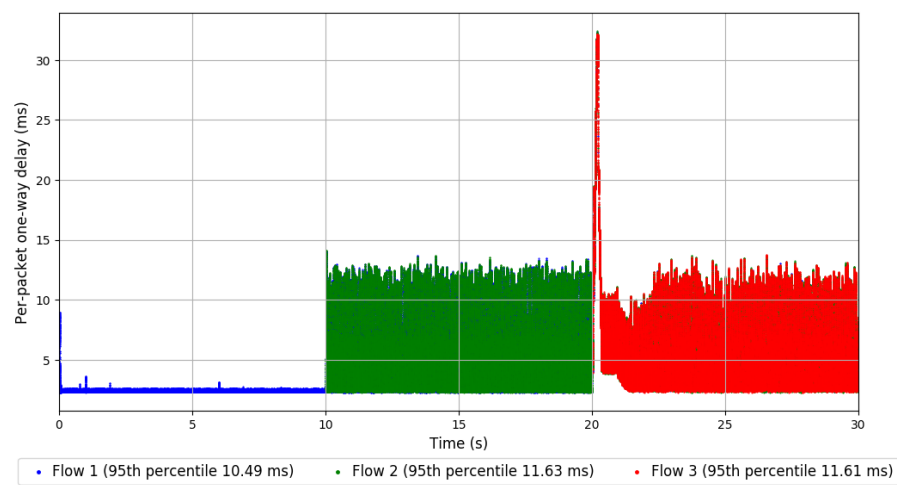
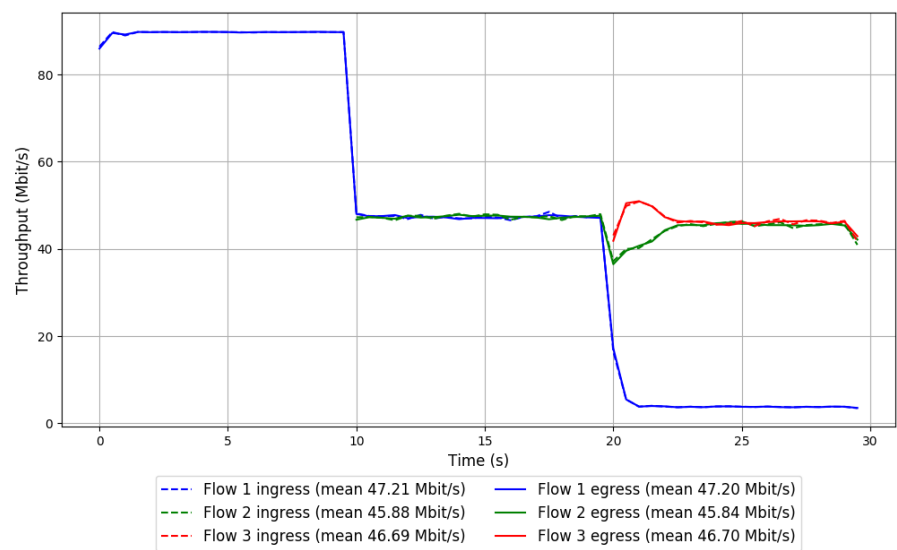


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-28 05:18:04
End at: 2018-02-28 05:18:34
Local clock offset: -5.527 ms
Remote clock offset: -6.964 ms

Below is generated by plot.py at 2018-02-28 07:28:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.24 Mbit/s
95th percentile per-packet one-way delay: 11.240 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 10.486 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 45.84 Mbit/s
95th percentile per-packet one-way delay: 11.628 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 11.613 ms
Loss rate: 0.00%

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

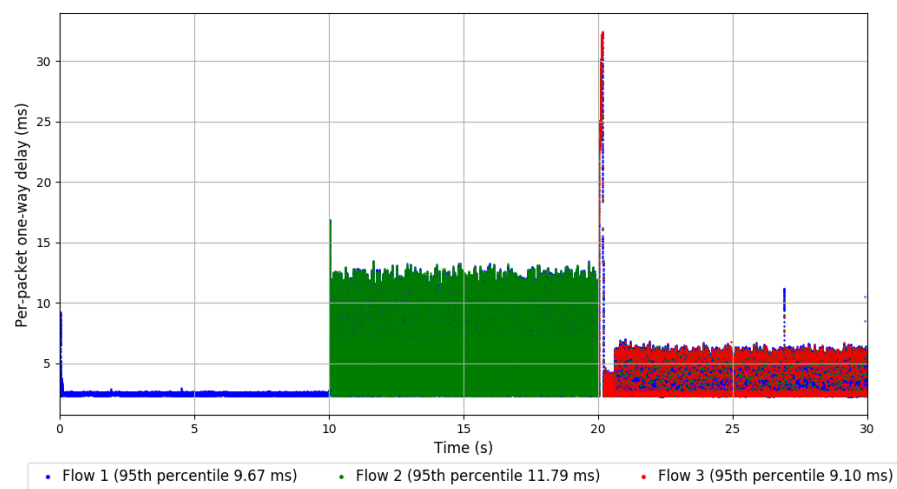
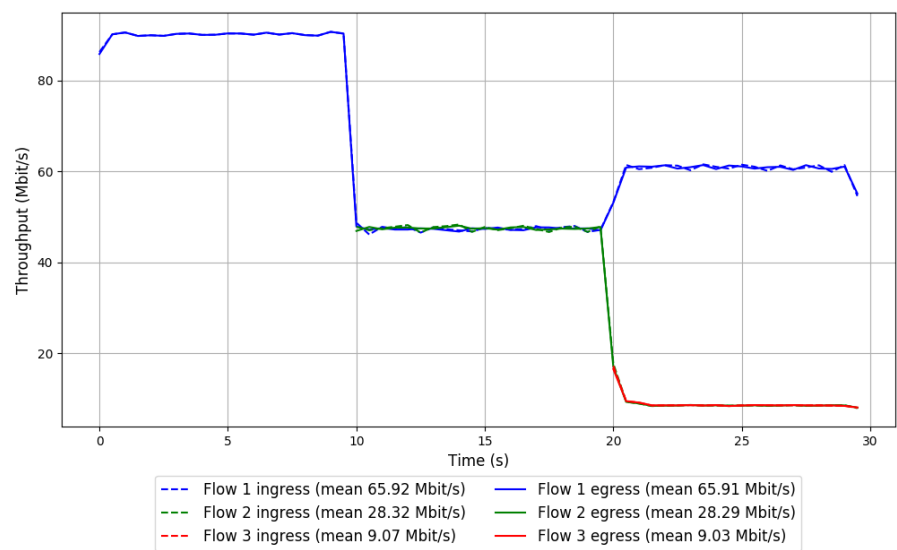


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-28 05:38:35
End at: 2018-02-28 05:39:05
Local clock offset: -6.131 ms
Remote clock offset: -6.408 ms

Below is generated by plot.py at 2018-02-28 07:28:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 10.753 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 65.91 Mbit/s
95th percentile per-packet one-way delay: 9.674 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.29 Mbit/s
95th percentile per-packet one-way delay: 11.789 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 9.099 ms
Loss rate: 0.34%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-28 05:59:08

End at: 2018-02-28 05:59:38

Local clock offset: -6.711 ms

Remote clock offset: -6.66 ms

Below is generated by plot.py at 2018-02-28 07:28:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.49 Mbit/s

95th percentile per-packet one-way delay: 11.401 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 47.53 Mbit/s

95th percentile per-packet one-way delay: 10.679 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 45.94 Mbit/s

95th percentile per-packet one-way delay: 11.792 ms

Loss rate: 0.01%

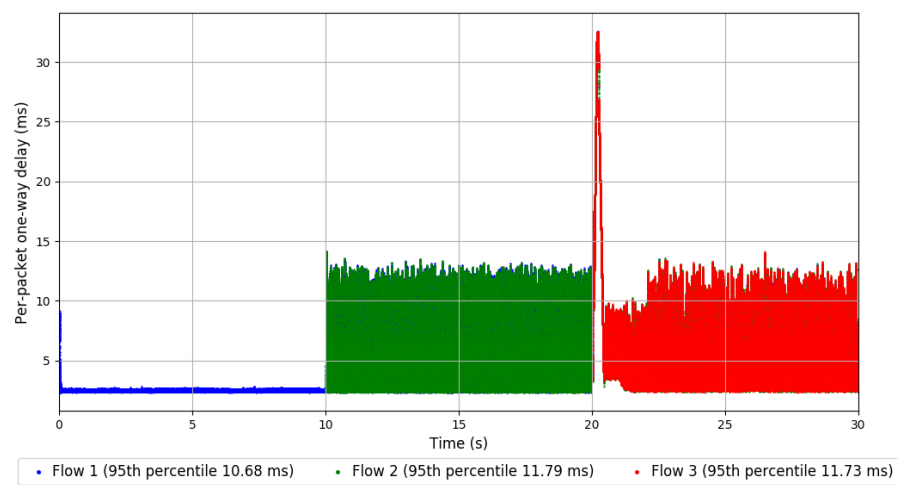
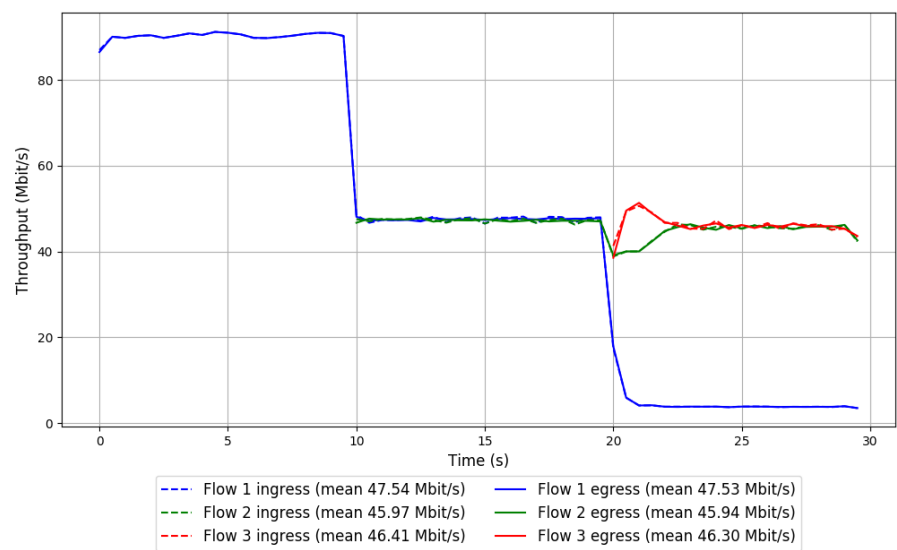
-- Flow 3:

Average throughput: 46.30 Mbit/s

95th percentile per-packet one-way delay: 11.731 ms

Loss rate: 0.20%

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

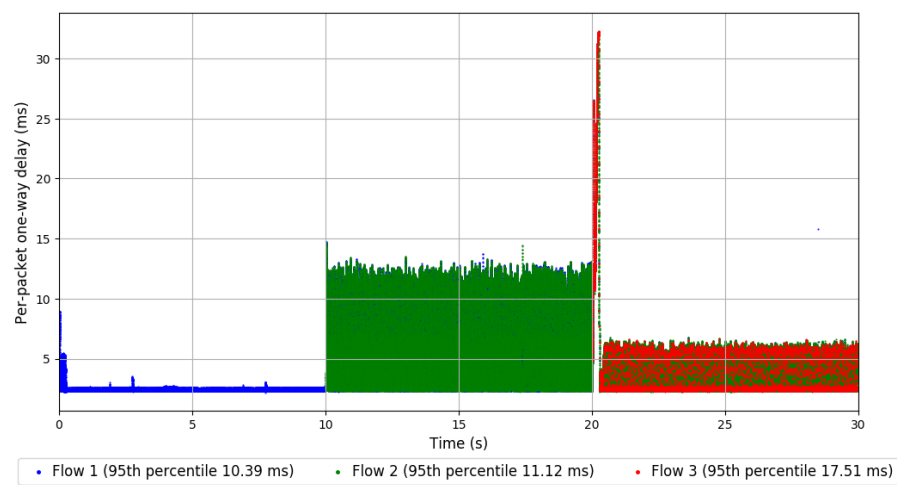
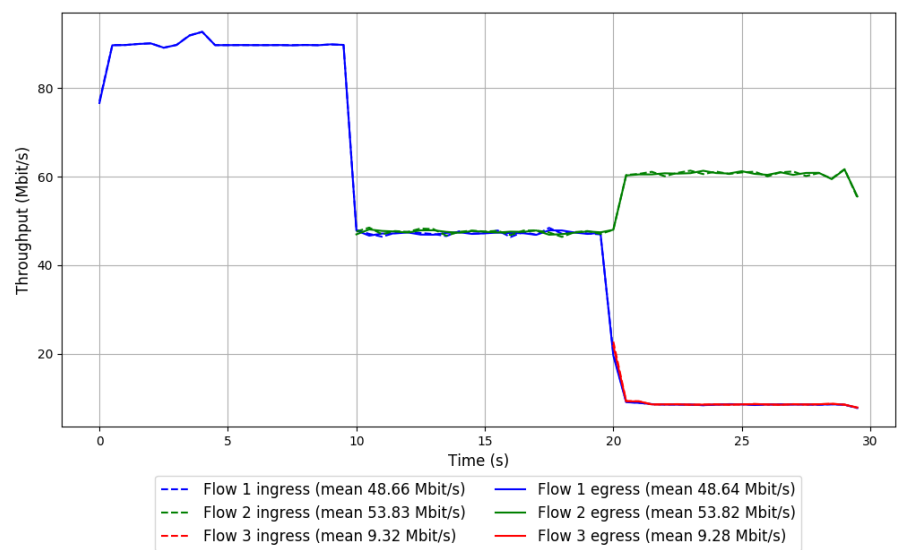


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-28 06:19:42
End at: 2018-02-28 06:20:12
Local clock offset: -5.412 ms
Remote clock offset: -7.247 ms

Below is generated by plot.py at 2018-02-28 07:30:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 10.801 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 48.64 Mbit/s
95th percentile per-packet one-way delay: 10.393 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 11.116 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 17.512 ms
Loss rate: 0.47%

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

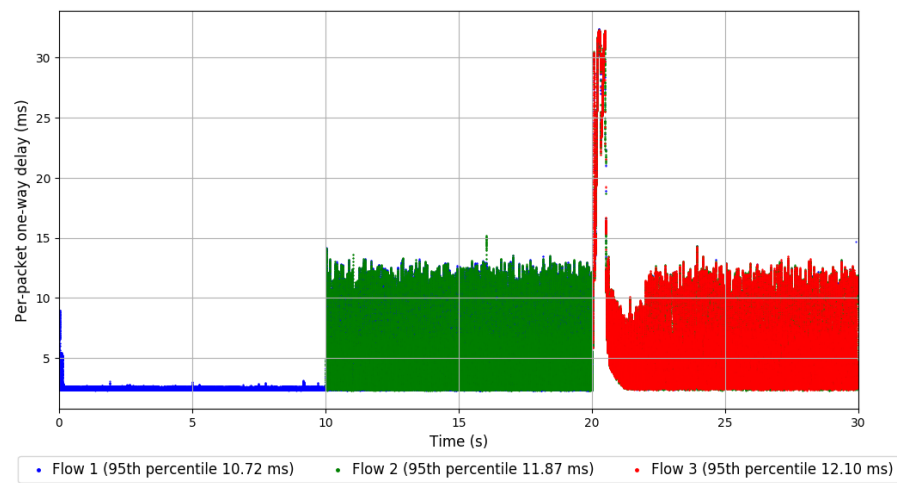
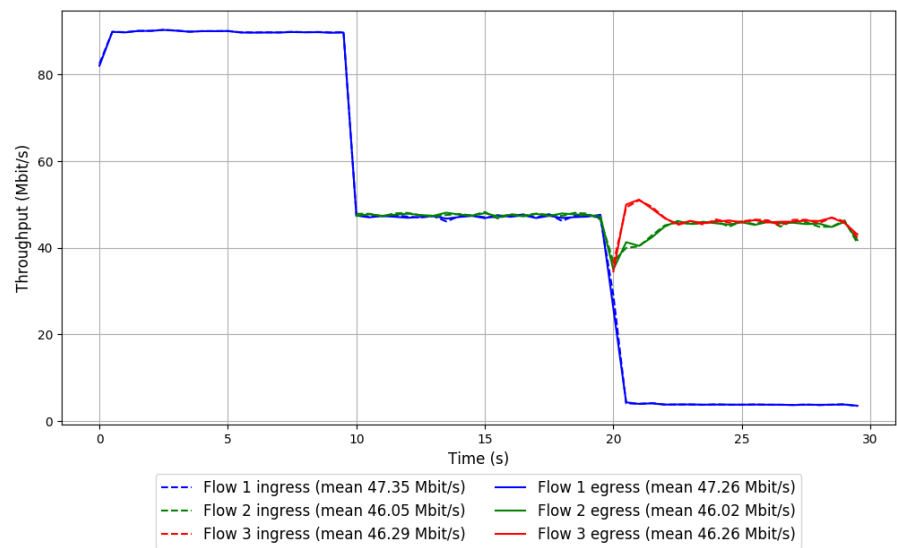


Run 10: Statistics of TaoVA-100x

Start at: 2018-02-28 06:40:14
End at: 2018-02-28 06:40:44
Local clock offset: -5.457 ms
Remote clock offset: -7.017 ms

Below is generated by plot.py at 2018-02-28 07:30:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 11.523 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 47.26 Mbit/s
95th percentile per-packet one-way delay: 10.718 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 46.02 Mbit/s
95th percentile per-packet one-way delay: 11.868 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 46.26 Mbit/s
95th percentile per-packet one-way delay: 12.099 ms
Loss rate: 0.08%

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

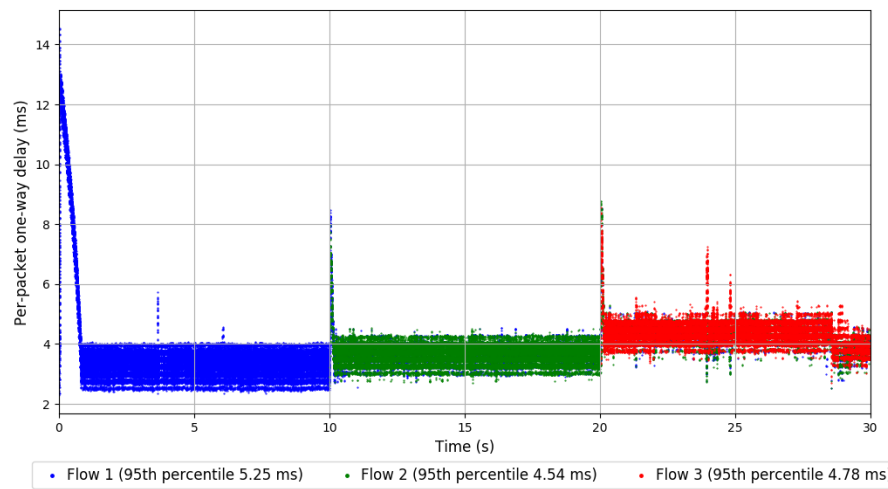
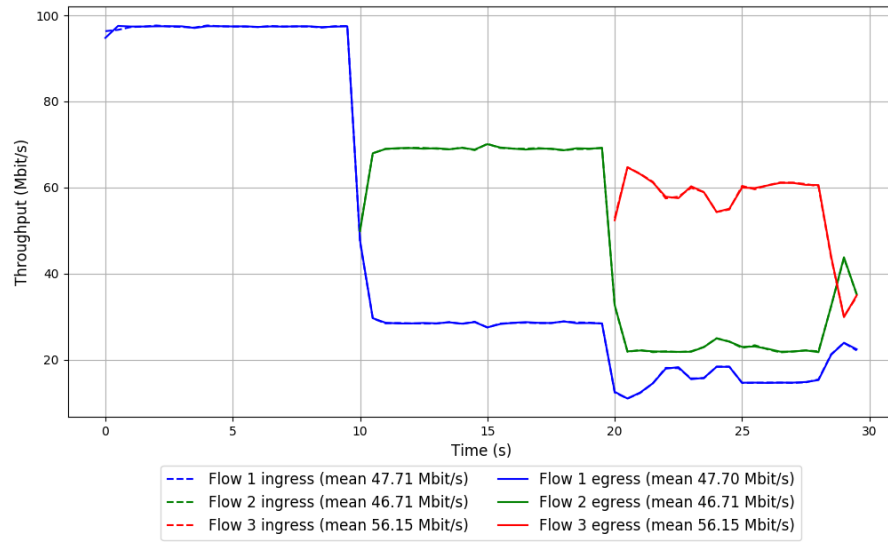


Run 1: Statistics of TCP Vegas

Start at: 2018-02-28 03:29:34
End at: 2018-02-28 03:30:05
Local clock offset: -4.021 ms
Remote clock offset: -6.801 ms

Below is generated by plot.py at 2018-02-28 07:30:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 4.759 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.70 Mbit/s
95th percentile per-packet one-way delay: 5.250 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.71 Mbit/s
95th percentile per-packet one-way delay: 4.537 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 56.15 Mbit/s
95th percentile per-packet one-way delay: 4.783 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

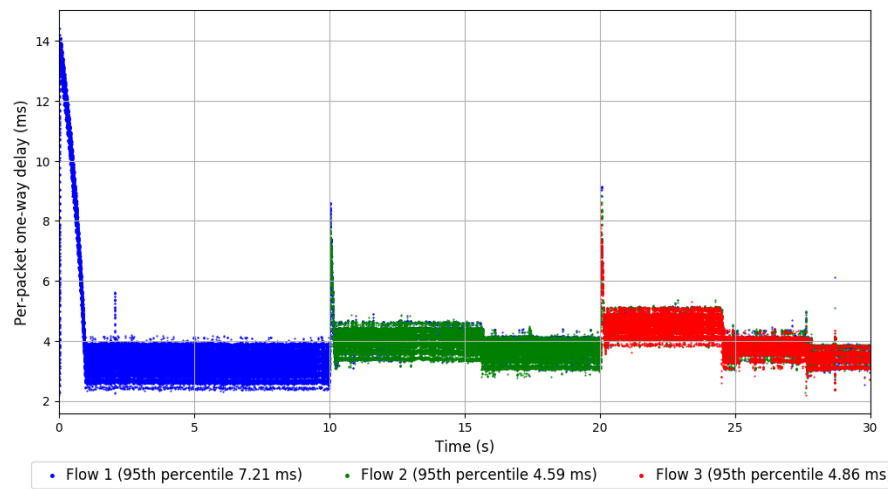
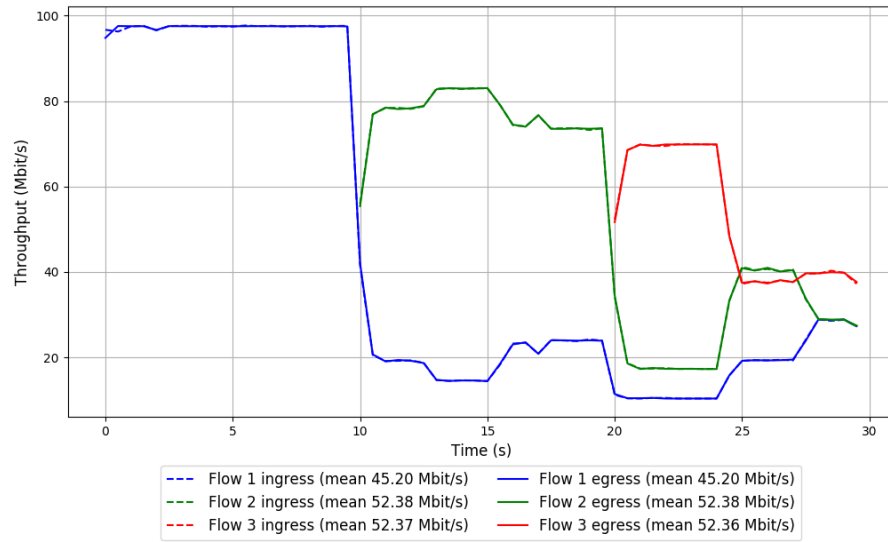


Run 2: Statistics of TCP Vegas

Start at: 2018-02-28 03:50:06
End at: 2018-02-28 03:50:37
Local clock offset: -4.785 ms
Remote clock offset: -6.782 ms

Below is generated by plot.py at 2018-02-28 07:30:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 4.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 7.210 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 52.38 Mbit/s
95th percentile per-packet one-way delay: 4.588 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.36 Mbit/s
95th percentile per-packet one-way delay: 4.859 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

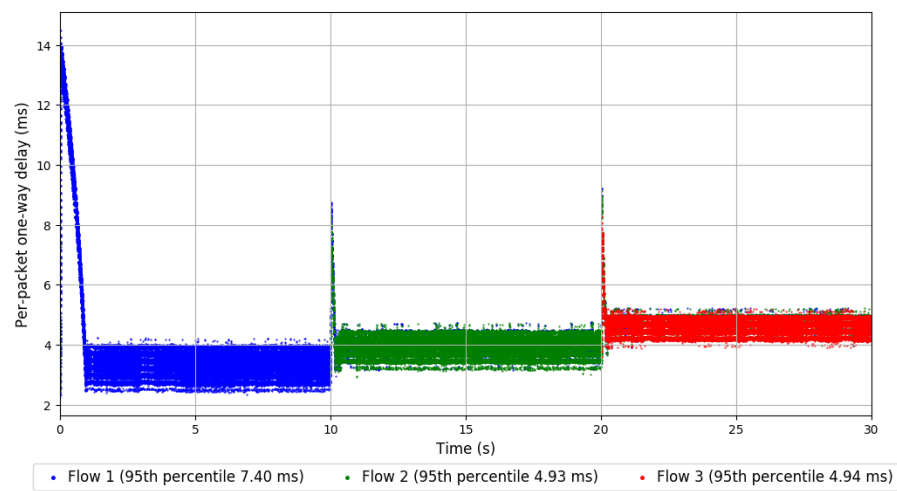
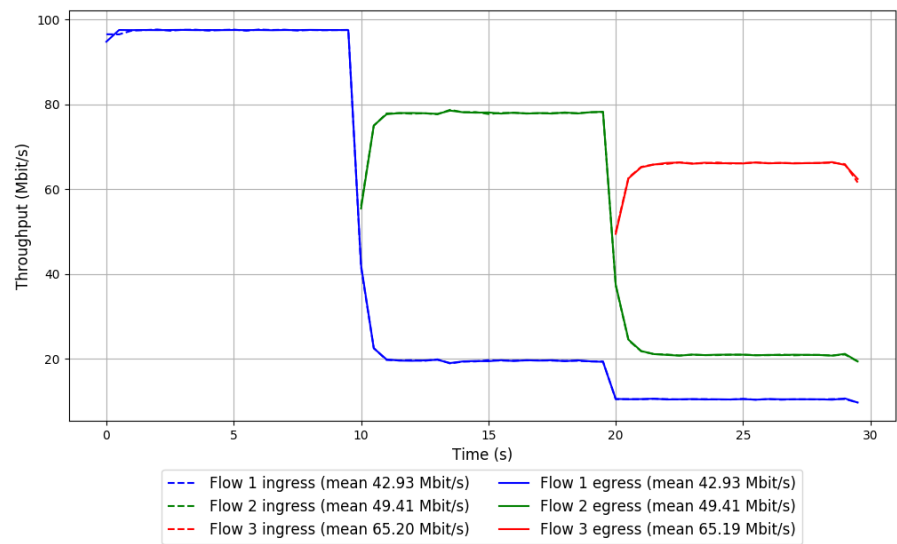


Run 3: Statistics of TCP Vegas

Start at: 2018-02-28 04:10:39
End at: 2018-02-28 04:11:09
Local clock offset: -6.837 ms
Remote clock offset: -6.825 ms

Below is generated by plot.py at 2018-02-28 07:30:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 4.961 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.93 Mbit/s
95th percentile per-packet one-way delay: 7.403 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 4.935 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.19 Mbit/s
95th percentile per-packet one-way delay: 4.938 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

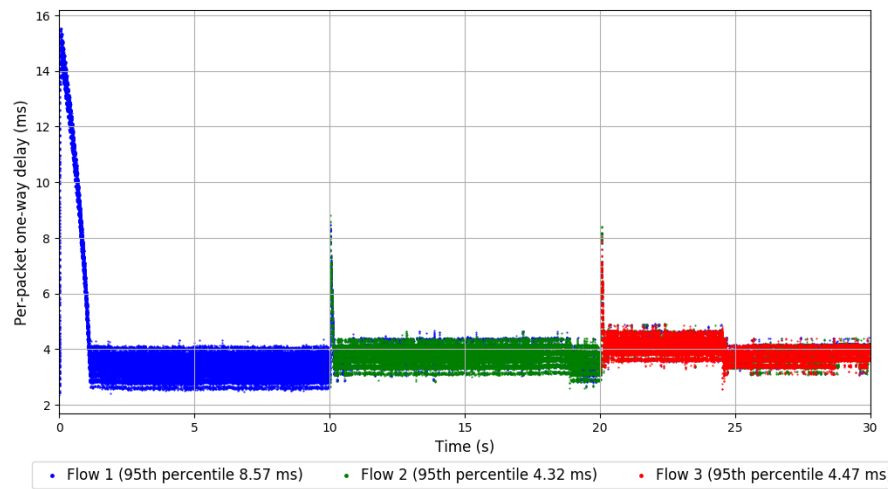
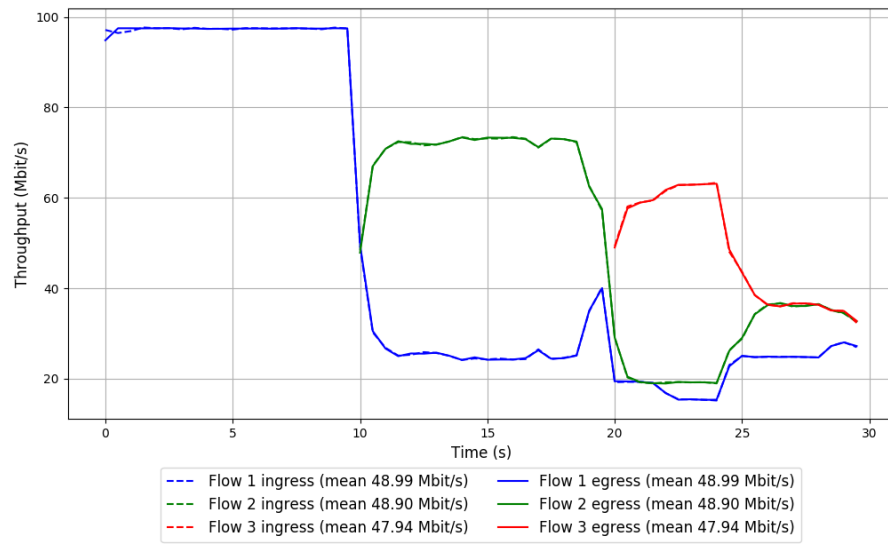


Run 4: Statistics of TCP Vegas

Start at: 2018-02-28 04:31:12
End at: 2018-02-28 04:31:42
Local clock offset: -4.566 ms
Remote clock offset: -6.888 ms

Below is generated by plot.py at 2018-02-28 07:30:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.562 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.99 Mbit/s
95th percentile per-packet one-way delay: 8.571 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.90 Mbit/s
95th percentile per-packet one-way delay: 4.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.94 Mbit/s
95th percentile per-packet one-way delay: 4.469 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

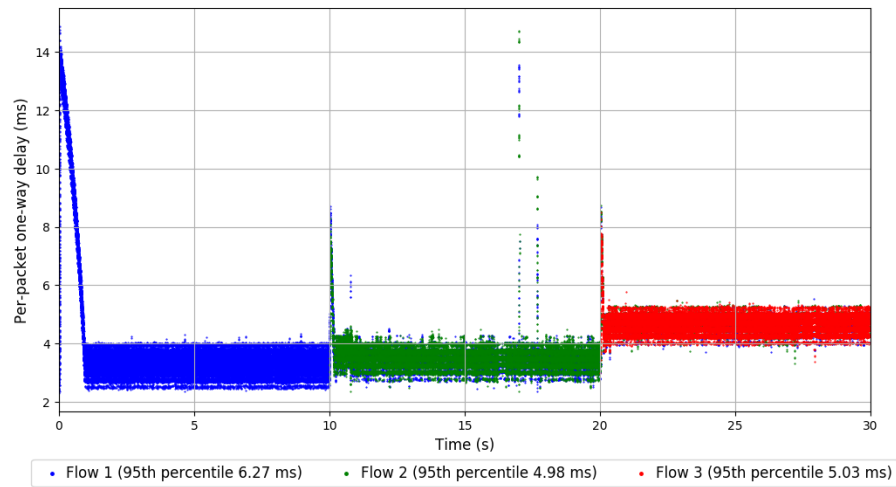
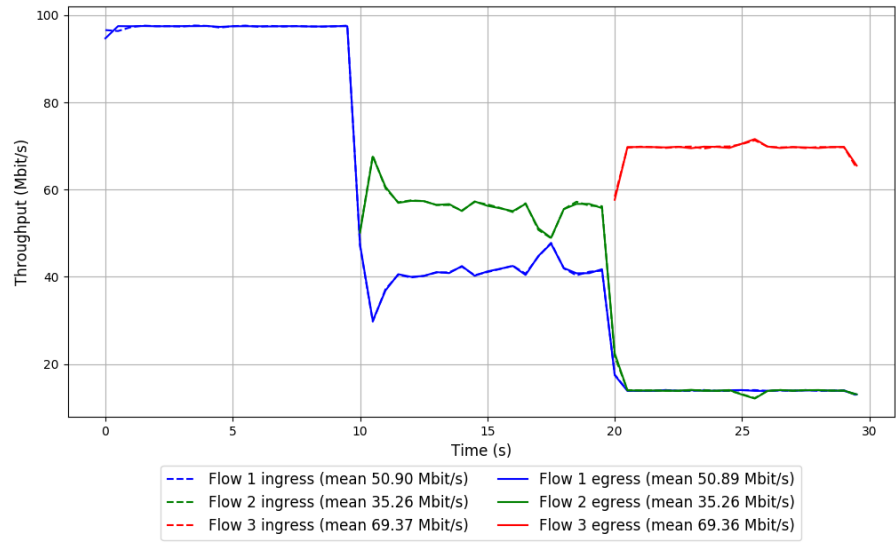


Run 5: Statistics of TCP Vegas

Start at: 2018-02-28 04:51:44
End at: 2018-02-28 04:52:14
Local clock offset: -3.379 ms
Remote clock offset: -6.929 ms

Below is generated by plot.py at 2018-02-28 07:30:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 5.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.89 Mbit/s
95th percentile per-packet one-way delay: 6.274 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 4.976 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.36 Mbit/s
95th percentile per-packet one-way delay: 5.026 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

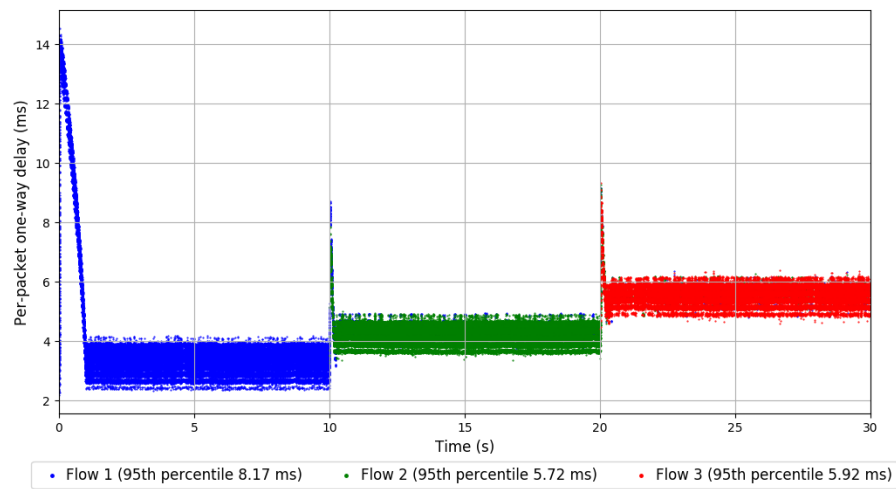
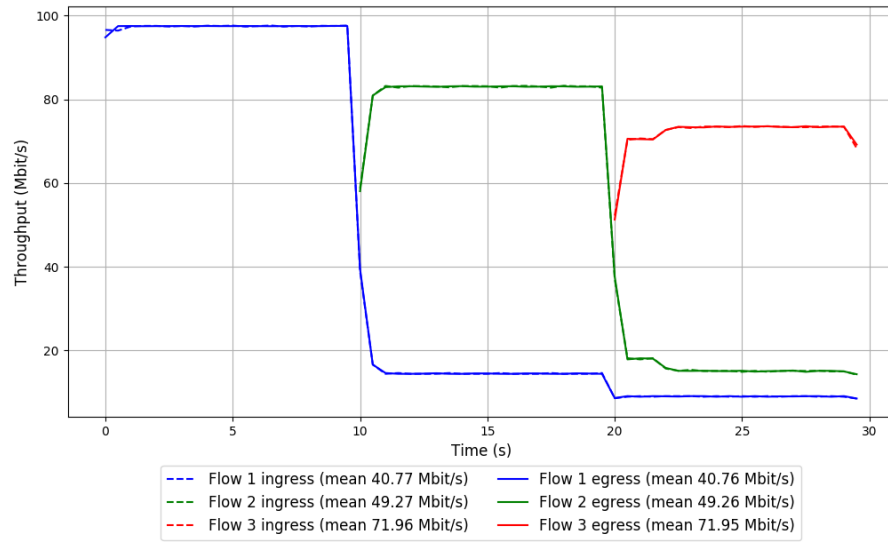


Run 6: Statistics of TCP Vegas

Start at: 2018-02-28 05:12:17
End at: 2018-02-28 05:12:47
Local clock offset: -5.29 ms
Remote clock offset: -7.012 ms

Below is generated by plot.py at 2018-02-28 07:30:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 5.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 8.167 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 49.26 Mbit/s
95th percentile per-packet one-way delay: 5.719 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.95 Mbit/s
95th percentile per-packet one-way delay: 5.921 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

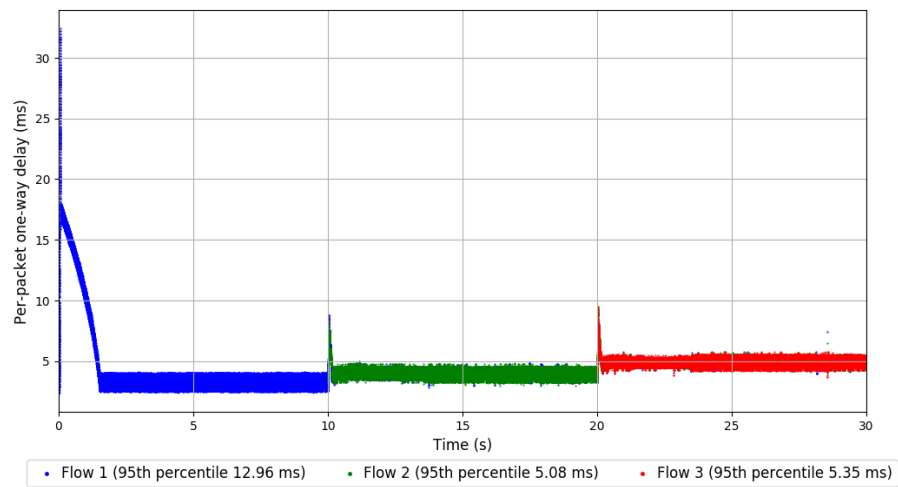
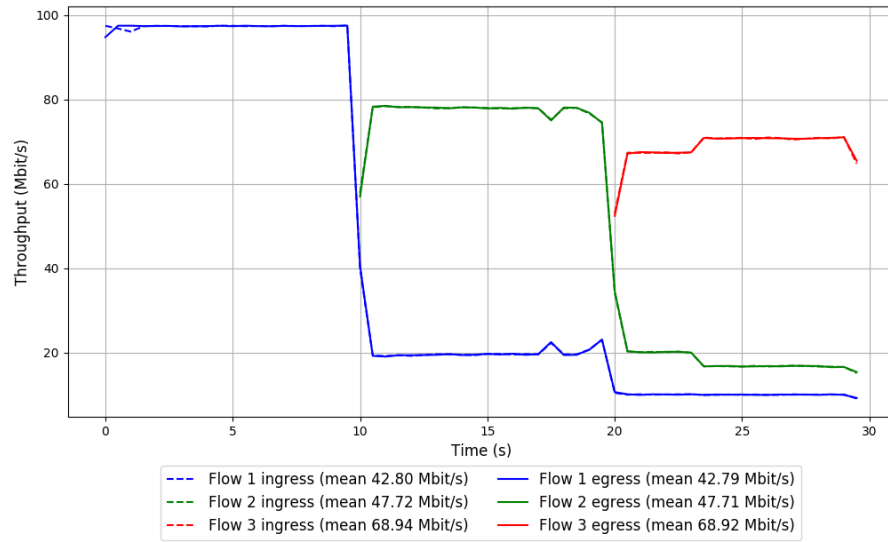


Run 7: Statistics of TCP Vegas

Start at: 2018-02-28 05:32:48
End at: 2018-02-28 05:33:18
Local clock offset: -6.053 ms
Remote clock offset: -6.528 ms

Below is generated by plot.py at 2018-02-28 07:30:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 5.827 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 12.960 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.71 Mbit/s
95th percentile per-packet one-way delay: 5.081 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.92 Mbit/s
95th percentile per-packet one-way delay: 5.352 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-02-28 05:53:21

End at: 2018-02-28 05:53:52

Local clock offset: -6.518 ms

Remote clock offset: -6.28 ms

Below is generated by plot.py at 2018-02-28 07:30:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 6.229 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 45.96 Mbit/s

95th percentile per-packet one-way delay: 12.828 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 56.77 Mbit/s

95th percentile per-packet one-way delay: 4.661 ms

Loss rate: 0.00%

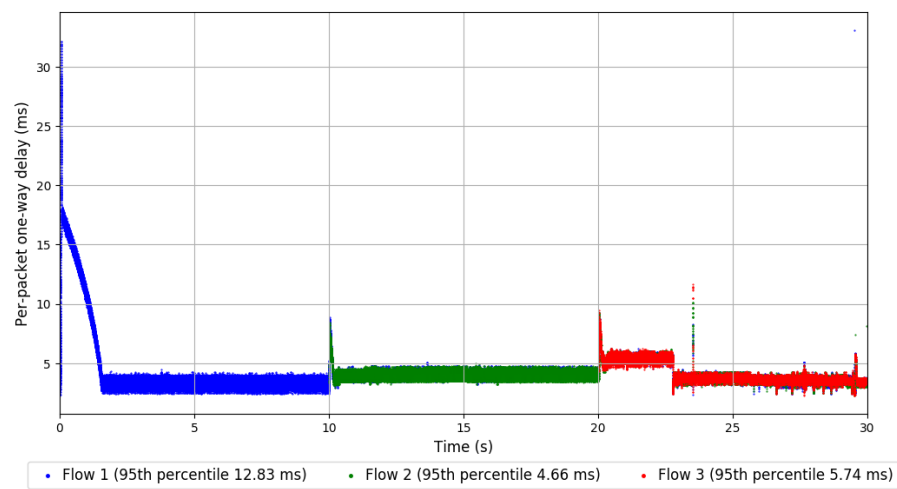
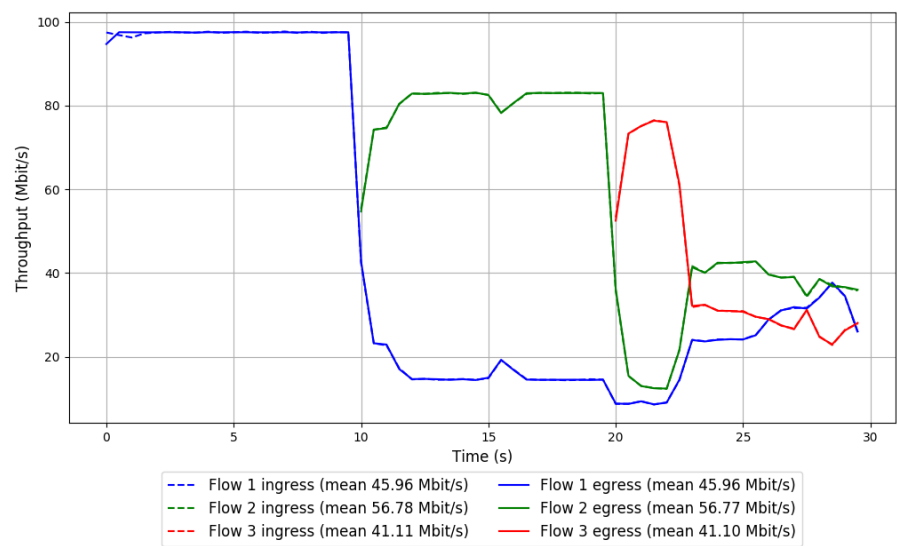
-- Flow 3:

Average throughput: 41.10 Mbit/s

95th percentile per-packet one-way delay: 5.735 ms

Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-02-28 06:13:55

End at: 2018-02-28 06:14:25

Local clock offset: -5.657 ms

Remote clock offset: -7.12 ms

Below is generated by plot.py at 2018-02-28 07:31:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 5.083 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 47.45 Mbit/s

95th percentile per-packet one-way delay: 4.865 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 59.99 Mbit/s

95th percentile per-packet one-way delay: 5.103 ms

Loss rate: 0.00%

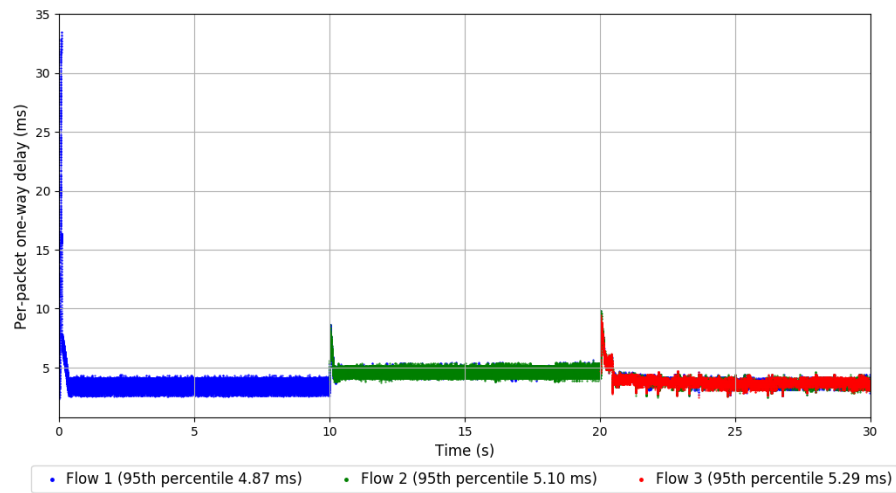
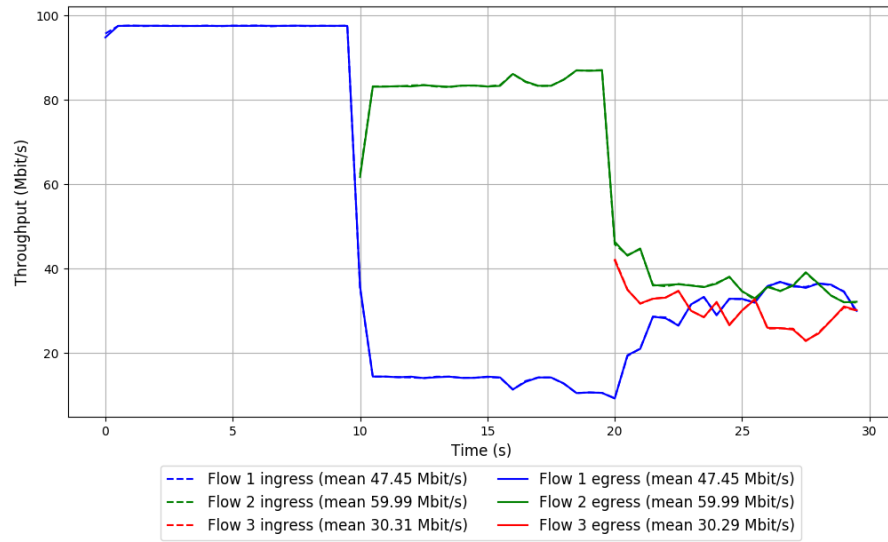
-- Flow 3:

Average throughput: 30.29 Mbit/s

95th percentile per-packet one-way delay: 5.294 ms

Loss rate: 0.05%

Run 9: Report of TCP Vegas — Data Link

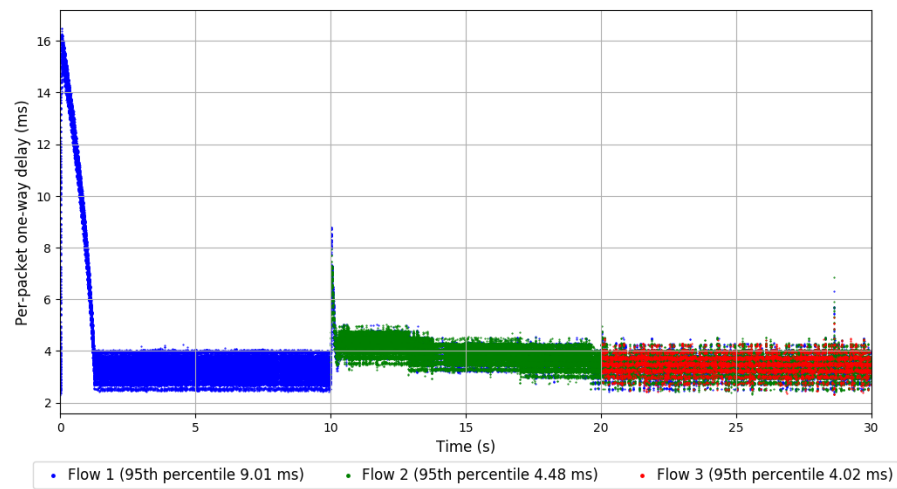
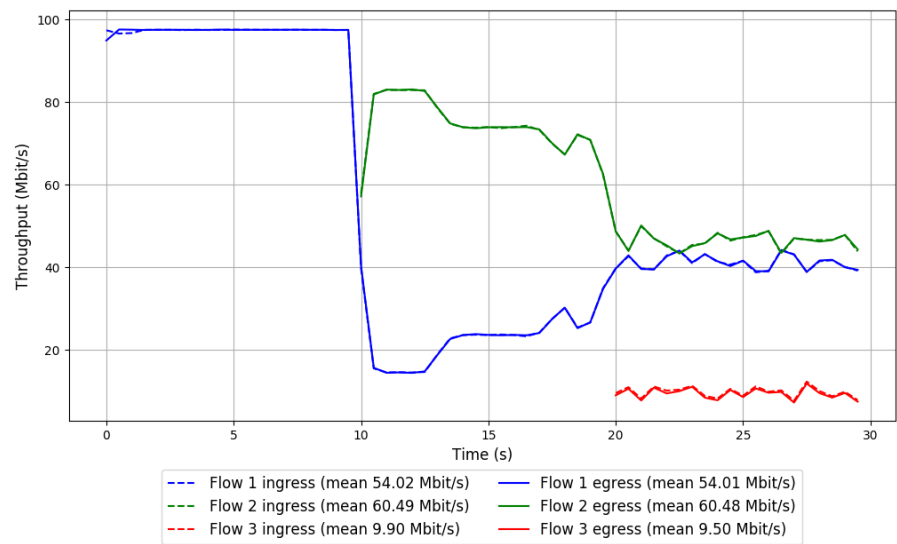


Run 10: Statistics of TCP Vegas

Start at: 2018-02-28 06:34:27
End at: 2018-02-28 06:34:57
Local clock offset: -5.212 ms
Remote clock offset: -7.093 ms

Below is generated by plot.py at 2018-02-28 07:31:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 4.692 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 54.01 Mbit/s
95th percentile per-packet one-way delay: 9.008 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.48 Mbit/s
95th percentile per-packet one-way delay: 4.481 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.50 Mbit/s
95th percentile per-packet one-way delay: 4.021 ms
Loss rate: 4.02%

Run 10: Report of TCP Vegas — Data Link

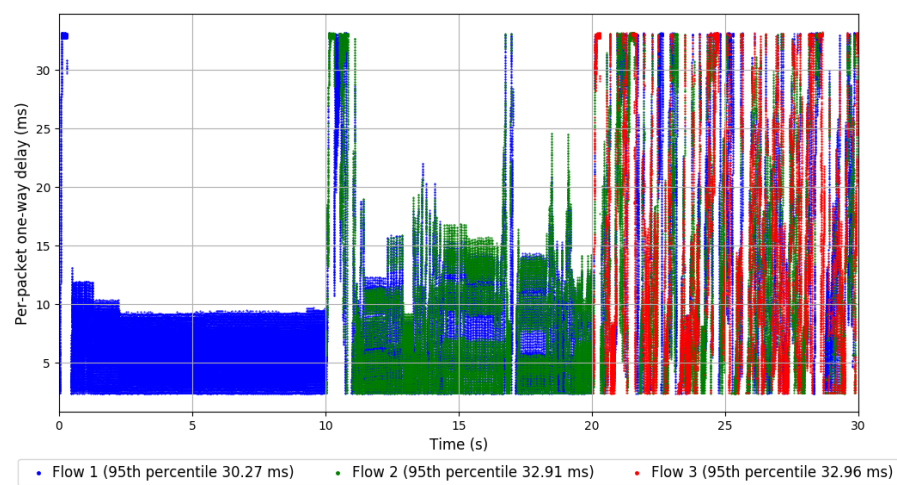
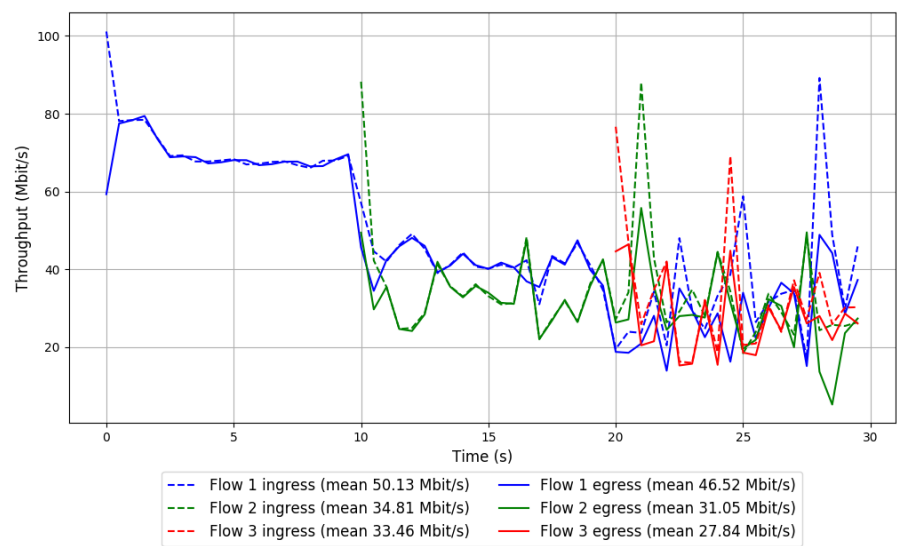


Run 1: Statistics of Verus

Start at: 2018-02-28 03:38:43
End at: 2018-02-28 03:39:13
Local clock offset: -3.838 ms
Remote clock offset: -6.788 ms

Below is generated by plot.py at 2018-02-28 07:31:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.23 Mbit/s
95th percentile per-packet one-way delay: 32.602 ms
Loss rate: 9.34%
-- Flow 1:
Average throughput: 46.52 Mbit/s
95th percentile per-packet one-way delay: 30.273 ms
Loss rate: 7.12%
-- Flow 2:
Average throughput: 31.05 Mbit/s
95th percentile per-packet one-way delay: 32.910 ms
Loss rate: 10.69%
-- Flow 3:
Average throughput: 27.84 Mbit/s
95th percentile per-packet one-way delay: 32.957 ms
Loss rate: 16.54%

Run 1: Report of Verus — Data Link

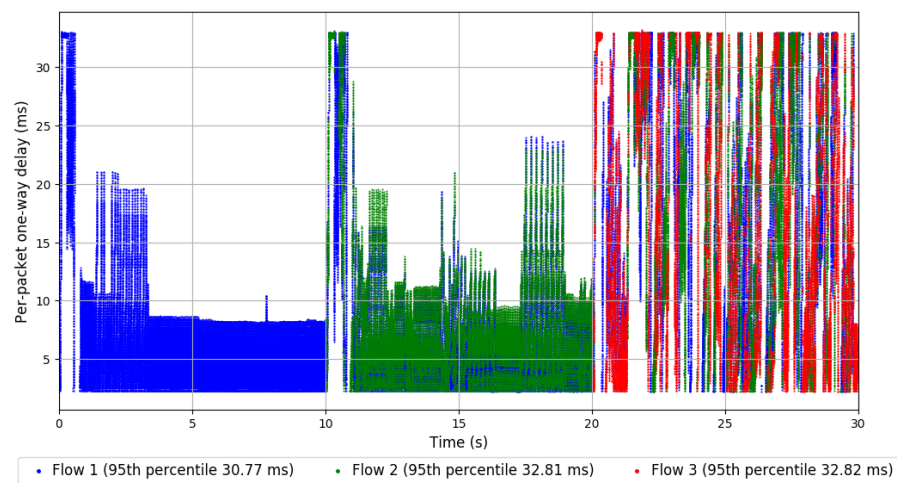
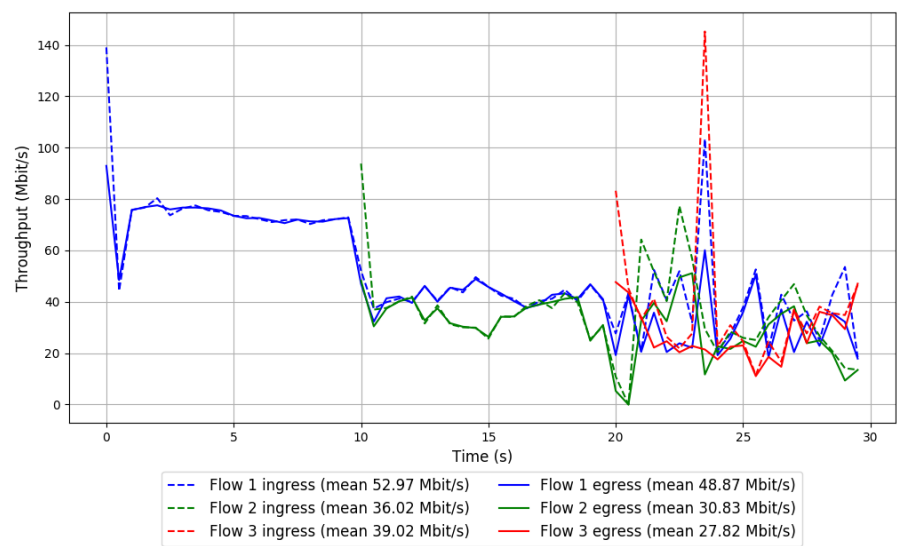


Run 2: Statistics of Verus

Start at: 2018-02-28 03:59:15
End at: 2018-02-28 03:59:45
Local clock offset: -6.027 ms
Remote clock offset: -6.796 ms

Below is generated by plot.py at 2018-02-28 07:31:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.22 Mbit/s
95th percentile per-packet one-way delay: 32.611 ms
Loss rate: 12.46%
-- Flow 1:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 30.770 ms
Loss rate: 7.64%
-- Flow 2:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 32.809 ms
Loss rate: 14.29%
-- Flow 3:
Average throughput: 27.82 Mbit/s
95th percentile per-packet one-way delay: 32.820 ms
Loss rate: 28.69%

Run 2: Report of Verus — Data Link

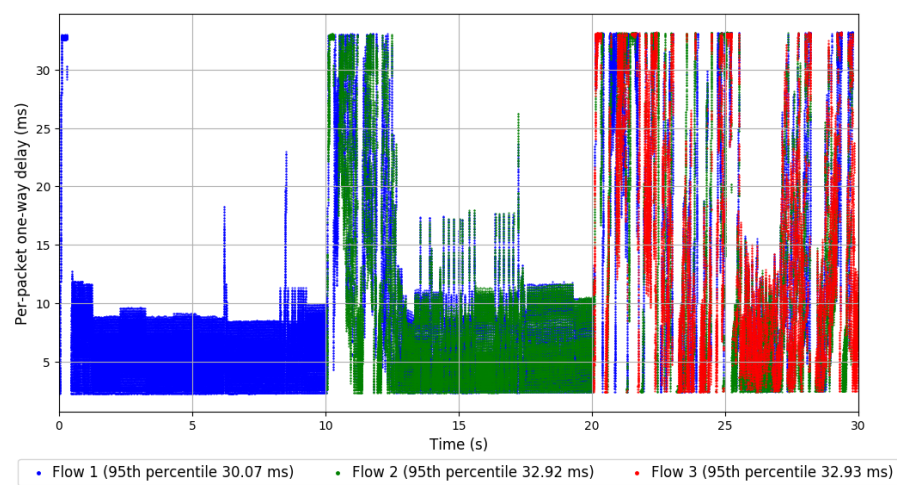
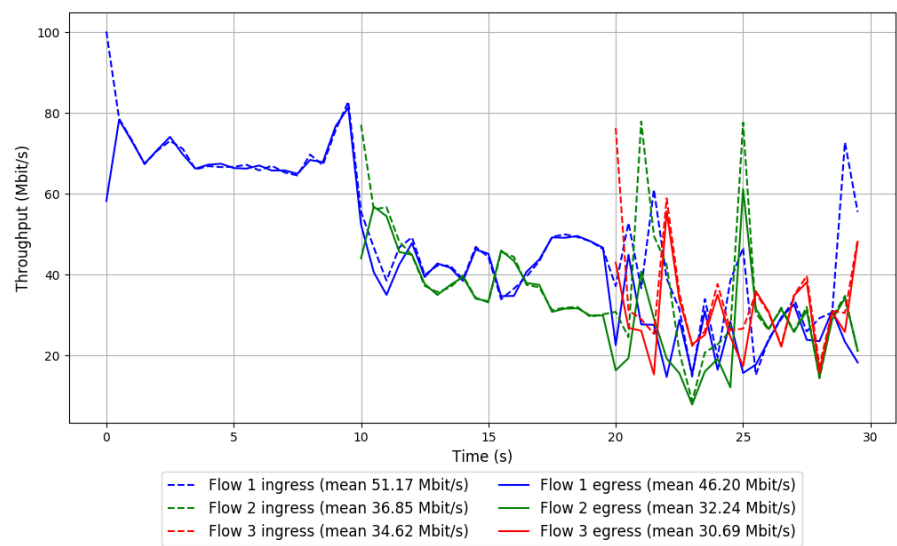


Run 3: Statistics of Verus

Start at: 2018-02-28 04:19:48
End at: 2018-02-28 04:20:18
Local clock offset: -7.239 ms
Remote clock offset: -6.915 ms

Below is generated by plot.py at 2018-02-28 07:31:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 32.246 ms
Loss rate: 10.65%
-- Flow 1:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 30.075 ms
Loss rate: 9.62%
-- Flow 2:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 32.922 ms
Loss rate: 12.47%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 32.929 ms
Loss rate: 11.32%

Run 3: Report of Verus — Data Link

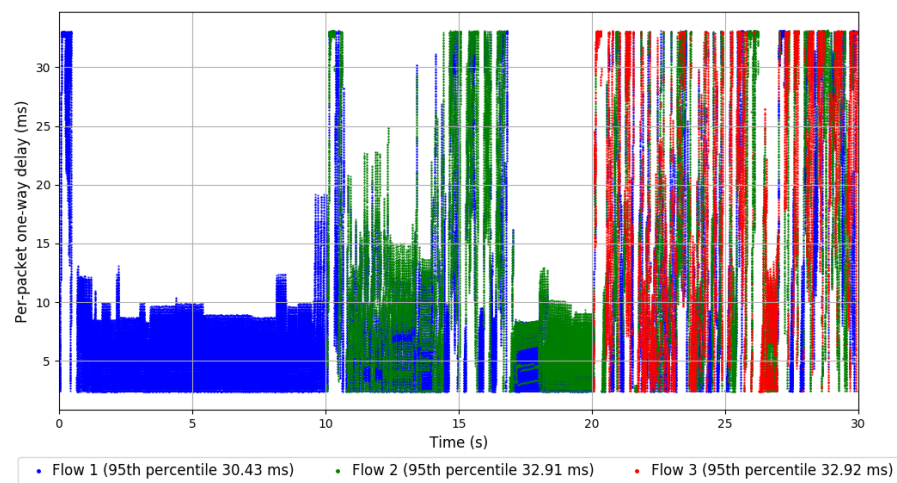
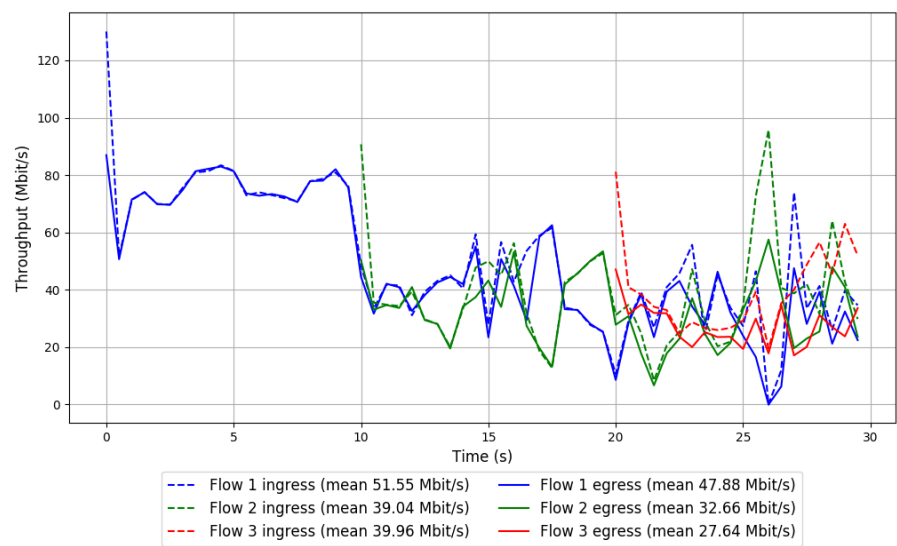


Run 4: Statistics of Verus

Start at: 2018-02-28 04:40:21
End at: 2018-02-28 04:40:51
Local clock offset: -3.768 ms
Remote clock offset: -6.901 ms

Below is generated by plot.py at 2018-02-28 07:31:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.65 Mbit/s
95th percentile per-packet one-way delay: 32.724 ms
Loss rate: 13.15%
-- Flow 1:
Average throughput: 47.88 Mbit/s
95th percentile per-packet one-way delay: 30.435 ms
Loss rate: 7.03%
-- Flow 2:
Average throughput: 32.66 Mbit/s
95th percentile per-packet one-way delay: 32.914 ms
Loss rate: 16.39%
-- Flow 3:
Average throughput: 27.64 Mbit/s
95th percentile per-packet one-way delay: 32.916 ms
Loss rate: 30.61%

Run 4: Report of Verus — Data Link

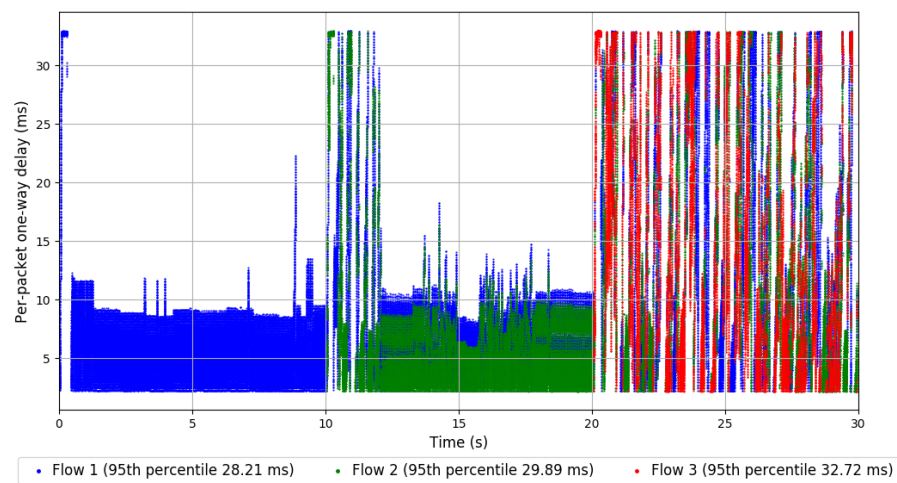
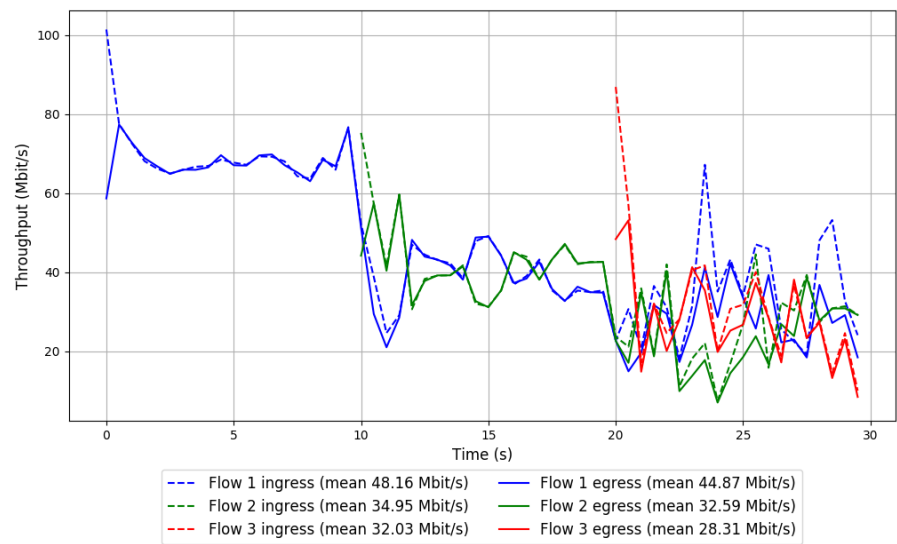


Run 5: Statistics of Verus

Start at: 2018-02-28 05:00:53
End at: 2018-02-28 05:01:23
Local clock offset: -4.416 ms
Remote clock offset: -6.987 ms

Below is generated by plot.py at 2018-02-28 07:32:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.91 Mbit/s
95th percentile per-packet one-way delay: 30.427 ms
Loss rate: 7.41%
-- Flow 1:
Average throughput: 44.87 Mbit/s
95th percentile per-packet one-way delay: 28.207 ms
Loss rate: 6.82%
-- Flow 2:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 29.894 ms
Loss rate: 6.71%
-- Flow 3:
Average throughput: 28.31 Mbit/s
95th percentile per-packet one-way delay: 32.715 ms
Loss rate: 11.62%

Run 5: Report of Verus — Data Link

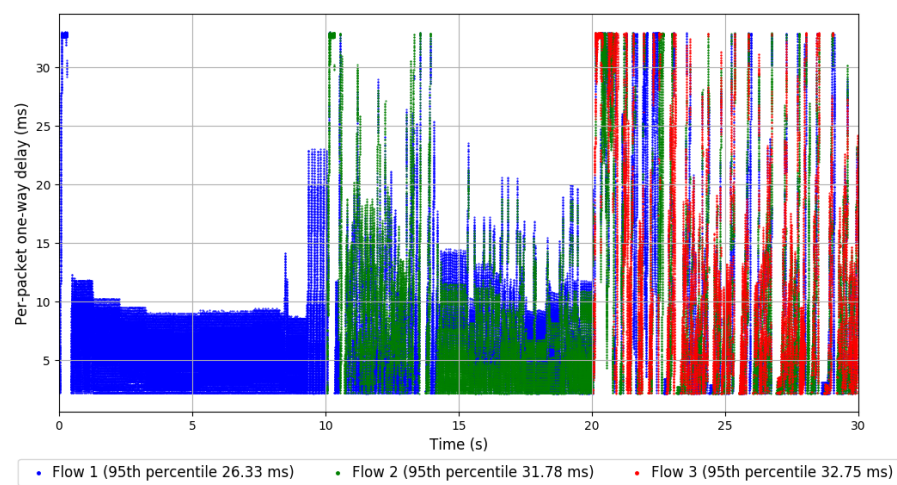
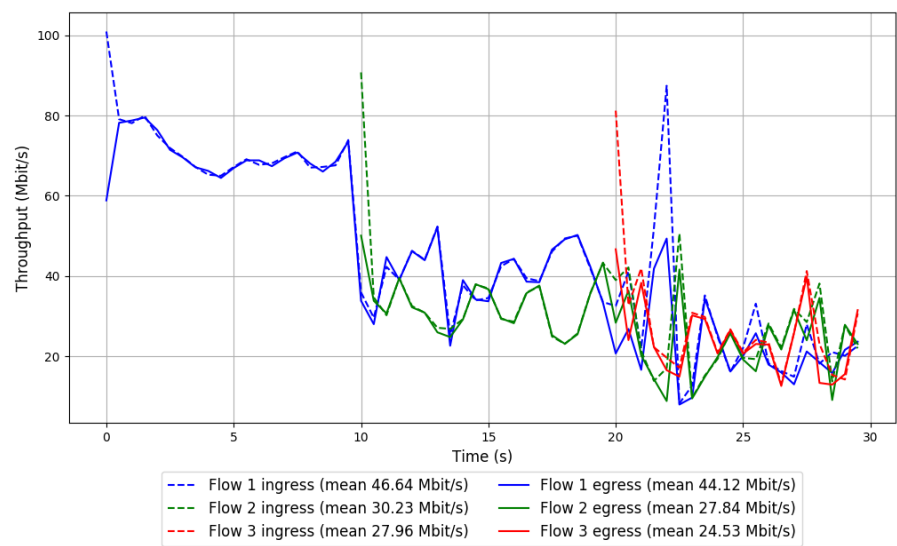


Run 6: Statistics of Verus

Start at: 2018-02-28 05:21:26
End at: 2018-02-28 05:21:56
Local clock offset: -5.669 ms
Remote clock offset: -6.986 ms

Below is generated by plot.py at 2018-02-28 07:32:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.76 Mbit/s
95th percentile per-packet one-way delay: 30.619 ms
Loss rate: 6.86%
-- Flow 1:
Average throughput: 44.12 Mbit/s
95th percentile per-packet one-way delay: 26.329 ms
Loss rate: 5.36%
-- Flow 2:
Average throughput: 27.84 Mbit/s
95th percentile per-packet one-way delay: 31.780 ms
Loss rate: 7.93%
-- Flow 3:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 32.749 ms
Loss rate: 12.12%

Run 6: Report of Verus — Data Link

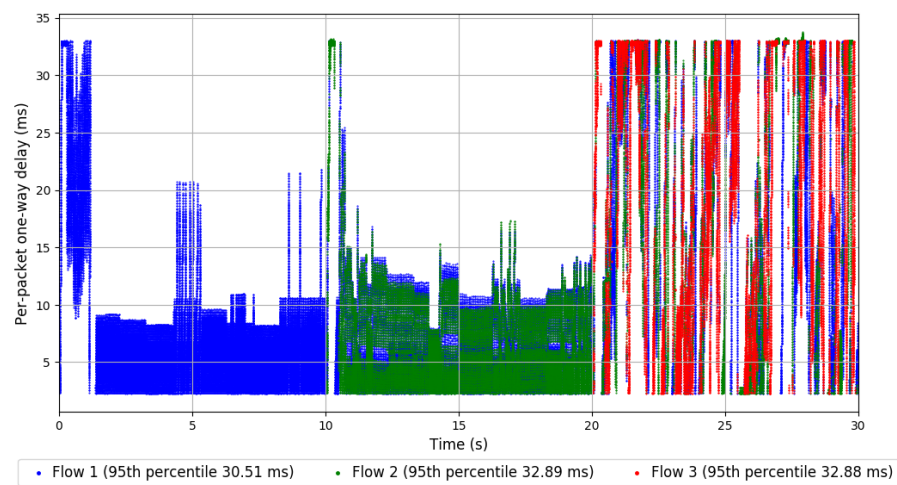
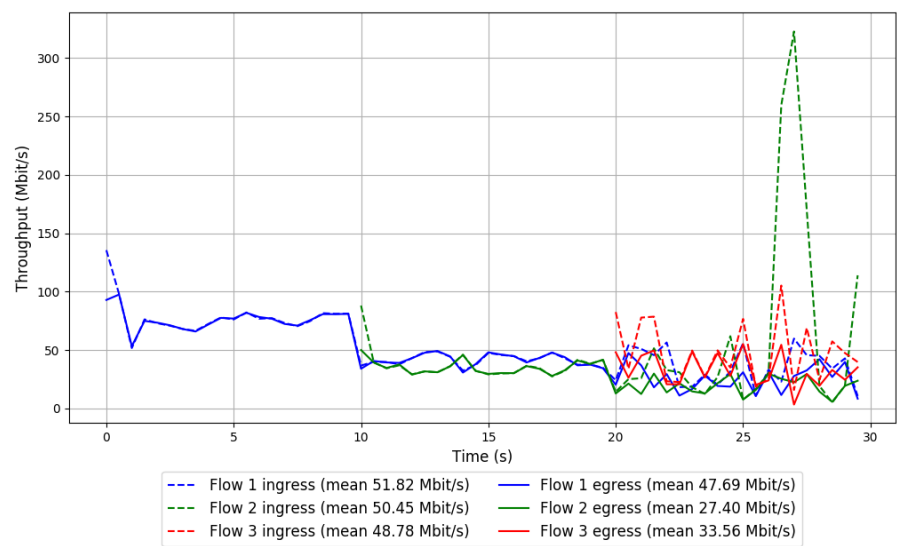


Run 7: Statistics of Verus

Start at: 2018-02-28 05:41:57
End at: 2018-02-28 05:42:27
Local clock offset: -6.212 ms
Remote clock offset: -6.346 ms

Below is generated by plot.py at 2018-02-28 07:32:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 32.822 ms
Loss rate: 24.12%
-- Flow 1:
Average throughput: 47.69 Mbit/s
95th percentile per-packet one-way delay: 30.512 ms
Loss rate: 7.96%
-- Flow 2:
Average throughput: 27.40 Mbit/s
95th percentile per-packet one-way delay: 32.890 ms
Loss rate: 45.69%
-- Flow 3:
Average throughput: 33.56 Mbit/s
95th percentile per-packet one-way delay: 32.881 ms
Loss rate: 31.20%

Run 7: Report of Verus — Data Link

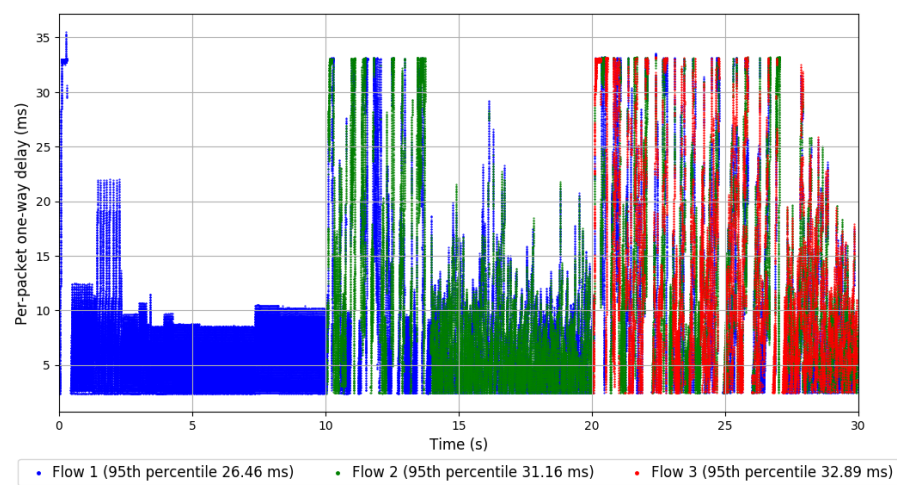
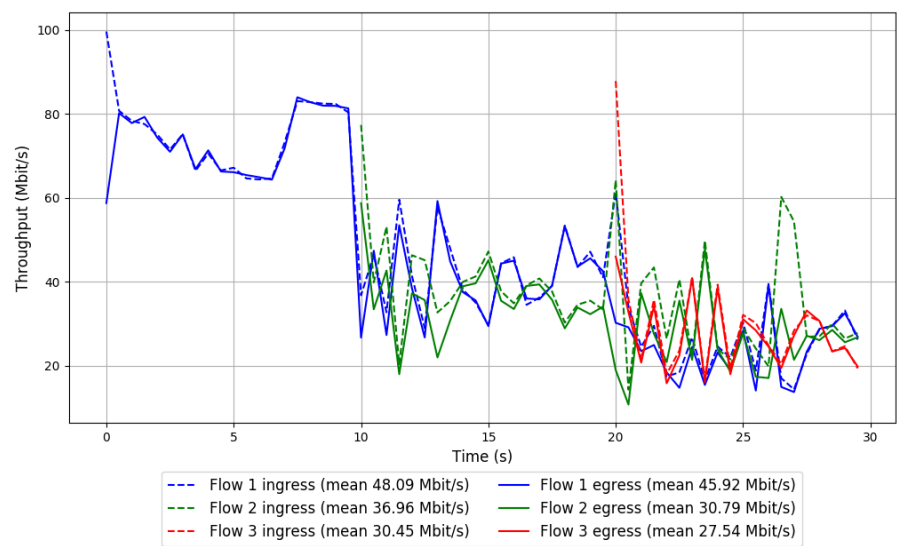


Run 8: Statistics of Verus

Start at: 2018-02-28 06:02:31
End at: 2018-02-28 06:03:01
Local clock offset: -6.725 ms
Remote clock offset: -6.783 ms

Below is generated by plot.py at 2018-02-28 07:32:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.52 Mbit/s
95th percentile per-packet one-way delay: 30.275 ms
Loss rate: 8.74%
-- Flow 1:
Average throughput: 45.92 Mbit/s
95th percentile per-packet one-way delay: 26.458 ms
Loss rate: 4.51%
-- Flow 2:
Average throughput: 30.79 Mbit/s
95th percentile per-packet one-way delay: 31.157 ms
Loss rate: 16.71%
-- Flow 3:
Average throughput: 27.54 Mbit/s
95th percentile per-packet one-way delay: 32.893 ms
Loss rate: 9.49%

Run 8: Report of Verus — Data Link

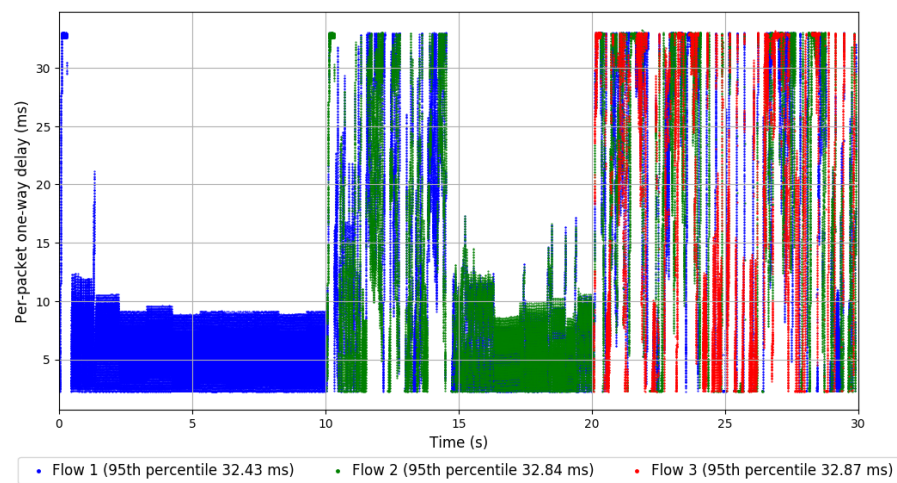
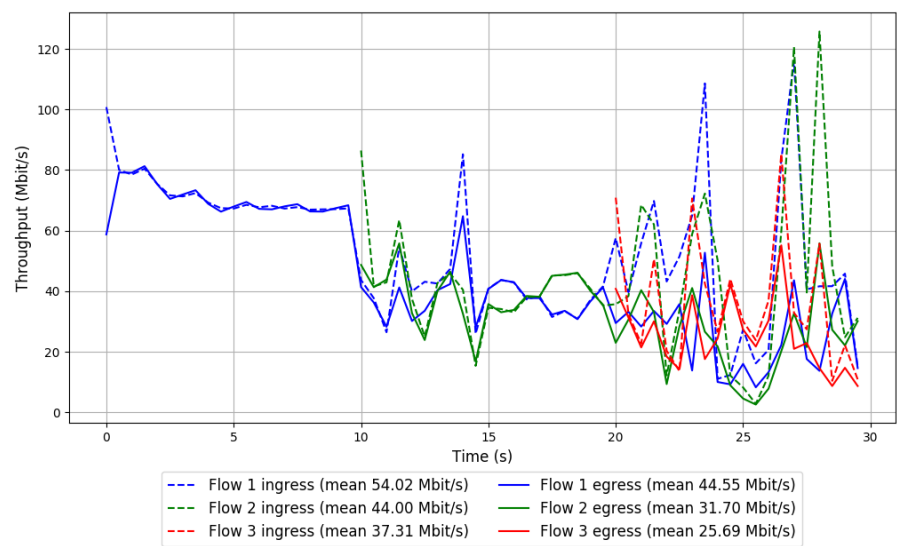


Run 9: Statistics of Verus

Start at: 2018-02-28 06:23:03
End at: 2018-02-28 06:23:33
Local clock offset: -5.289 ms
Remote clock offset: -7.234 ms

Below is generated by plot.py at 2018-02-28 07:32:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.05 Mbit/s
95th percentile per-packet one-way delay: 32.818 ms
Loss rate: 22.37%
-- Flow 1:
Average throughput: 44.55 Mbit/s
95th percentile per-packet one-way delay: 32.431 ms
Loss rate: 17.45%
-- Flow 2:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 32.840 ms
Loss rate: 27.88%
-- Flow 3:
Average throughput: 25.69 Mbit/s
95th percentile per-packet one-way delay: 32.870 ms
Loss rate: 30.94%

Run 9: Report of Verus — Data Link

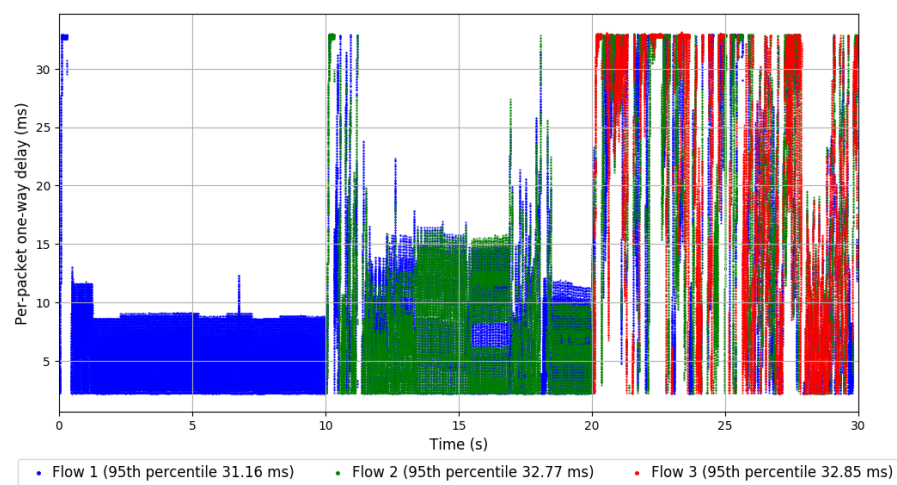
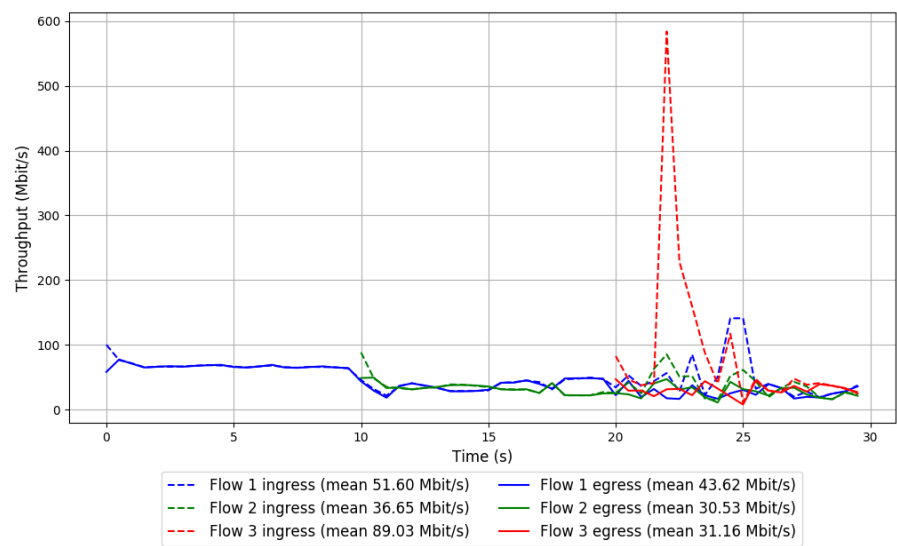


Run 10: Statistics of Verus

Start at: 2018-02-28 06:43:36
End at: 2018-02-28 06:44:06
Local clock offset: -5.538 ms
Remote clock offset: -7.065 ms

Below is generated by plot.py at 2018-02-28 07:32:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 32.762 ms
Loss rate: 29.56%
-- Flow 1:
Average throughput: 43.62 Mbit/s
95th percentile per-packet one-way delay: 31.156 ms
Loss rate: 15.44%
-- Flow 2:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 32.771 ms
Loss rate: 16.66%
-- Flow 3:
Average throughput: 31.16 Mbit/s
95th percentile per-packet one-way delay: 32.848 ms
Loss rate: 64.96%

Run 10: Report of Verus — Data Link

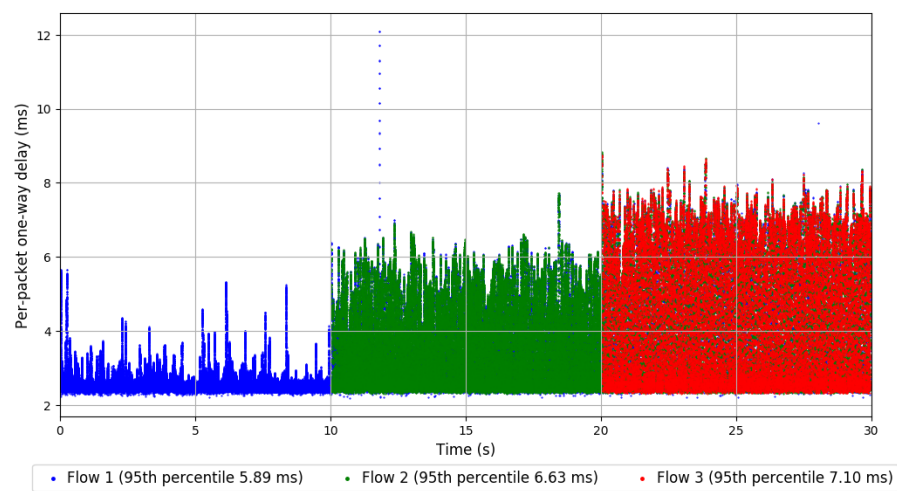
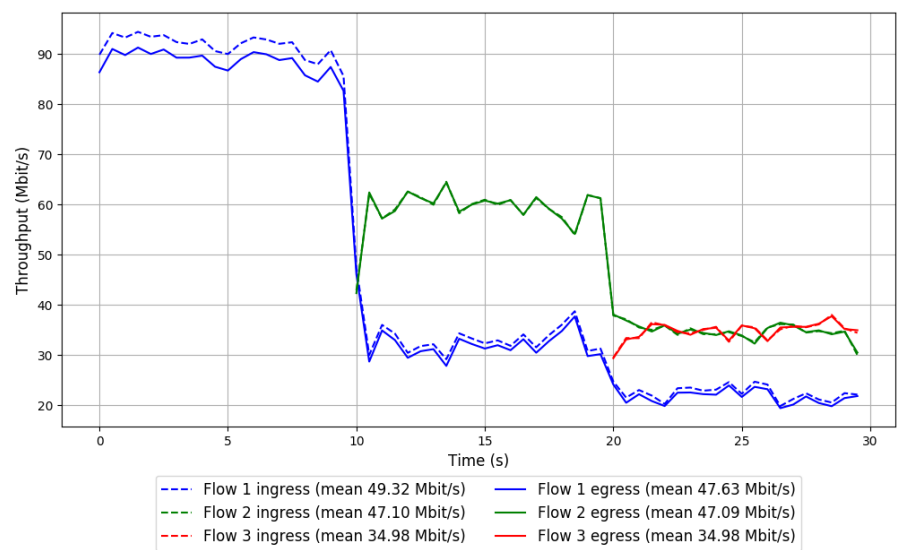


Run 1: Statistics of Copa

Start at: 2018-02-28 03:34:10
End at: 2018-02-28 03:34:40
Local clock offset: -3.87 ms
Remote clock offset: -6.793 ms

Below is generated by plot.py at 2018-02-28 07:33:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.61 Mbit/s
95th percentile per-packet one-way delay: 6.584 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 5.888 ms
Loss rate: 3.42%
-- Flow 2:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 6.629 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.98 Mbit/s
95th percentile per-packet one-way delay: 7.101 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

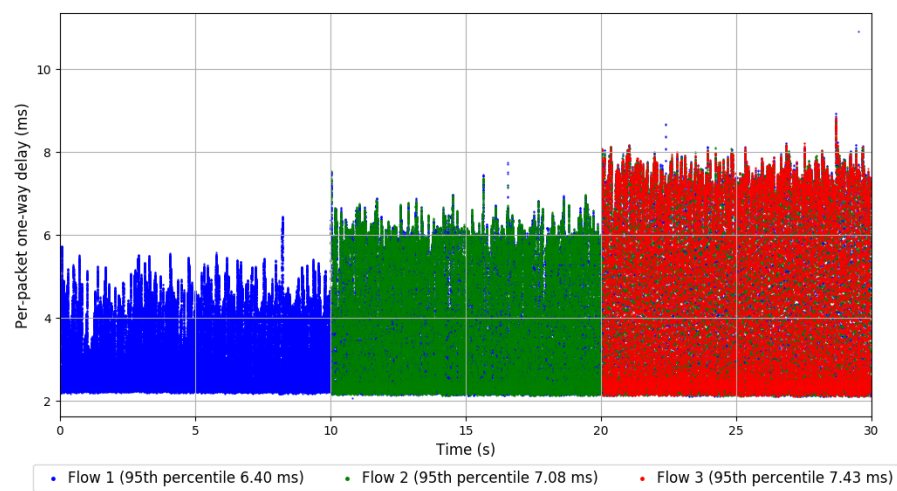
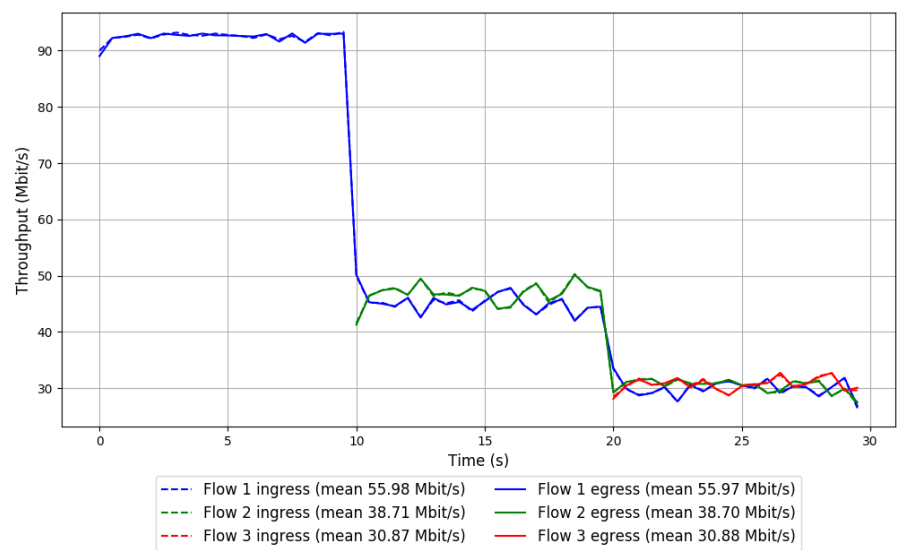


Run 2: Statistics of Copa

Start at: 2018-02-28 03:54:42
End at: 2018-02-28 03:55:12
Local clock offset: -5.49 ms
Remote clock offset: -6.835 ms

Below is generated by plot.py at 2018-02-28 07:34:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 6.972 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 6.398 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.70 Mbit/s
95th percentile per-packet one-way delay: 7.077 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 7.434 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

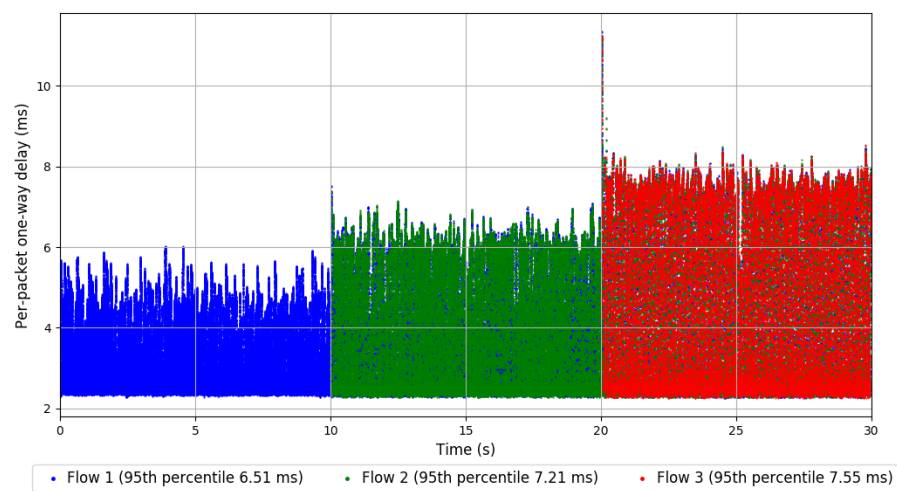
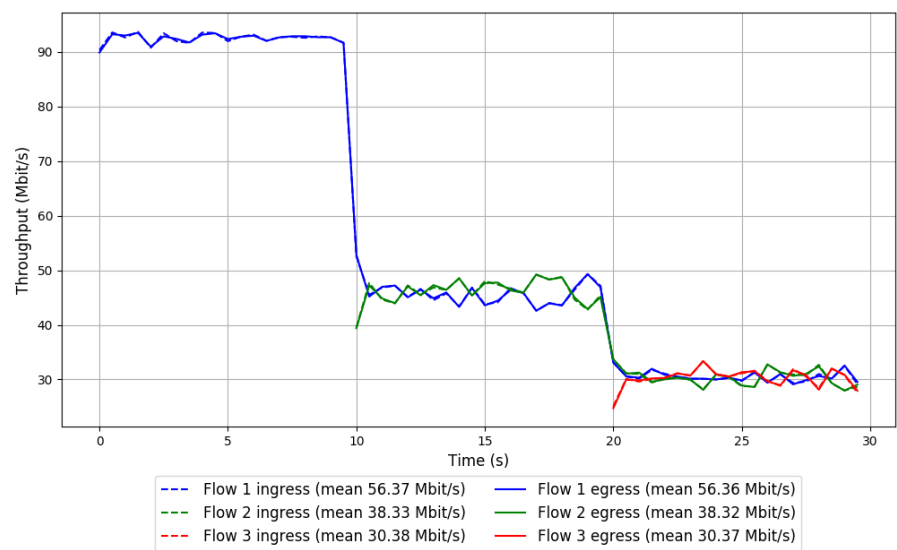


Run 3: Statistics of Copa

Start at: 2018-02-28 04:15:15
End at: 2018-02-28 04:15:45
Local clock offset: -7.032 ms
Remote clock offset: -6.839 ms

Below is generated by plot.py at 2018-02-28 07:34:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 7.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.36 Mbit/s
95th percentile per-packet one-way delay: 6.506 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.32 Mbit/s
95th percentile per-packet one-way delay: 7.213 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.37 Mbit/s
95th percentile per-packet one-way delay: 7.547 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-28 04:35:48

End at: 2018-02-28 04:36:18

Local clock offset: -4.045 ms

Remote clock offset: -6.9 ms

Below is generated by plot.py at 2018-02-28 07:34:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.00 Mbit/s

95th percentile per-packet one-way delay: 7.224 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.47 Mbit/s

95th percentile per-packet one-way delay: 6.636 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 38.15 Mbit/s

95th percentile per-packet one-way delay: 7.346 ms

Loss rate: 0.00%

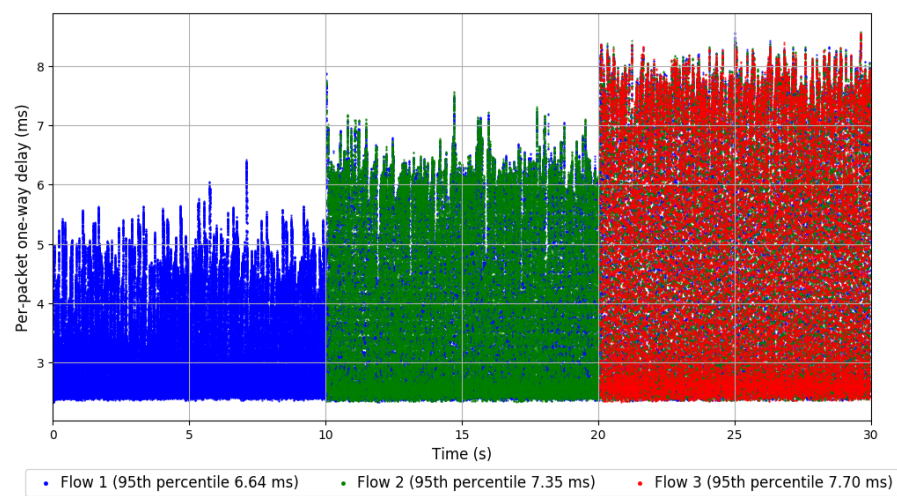
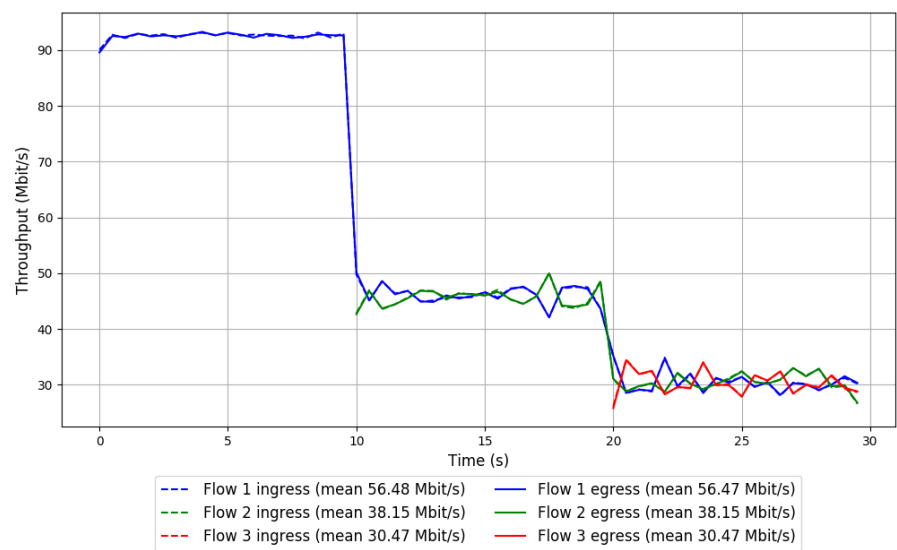
-- Flow 3:

Average throughput: 30.47 Mbit/s

95th percentile per-packet one-way delay: 7.696 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link

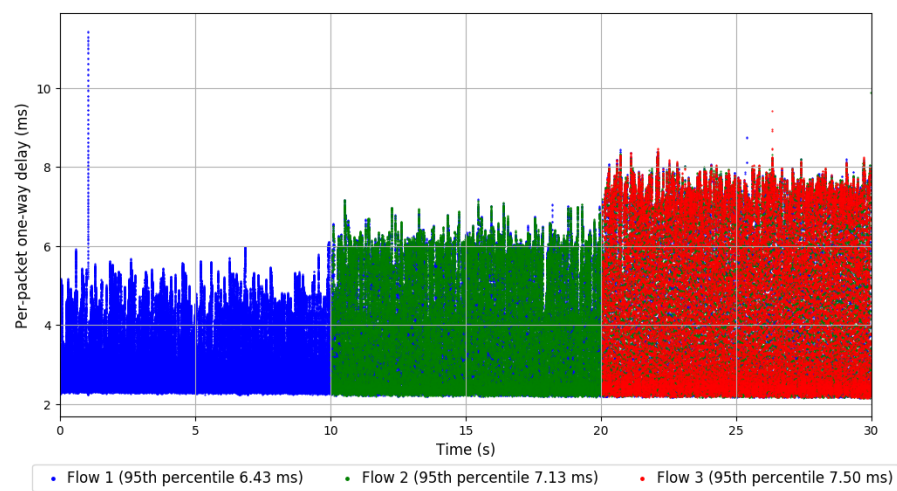
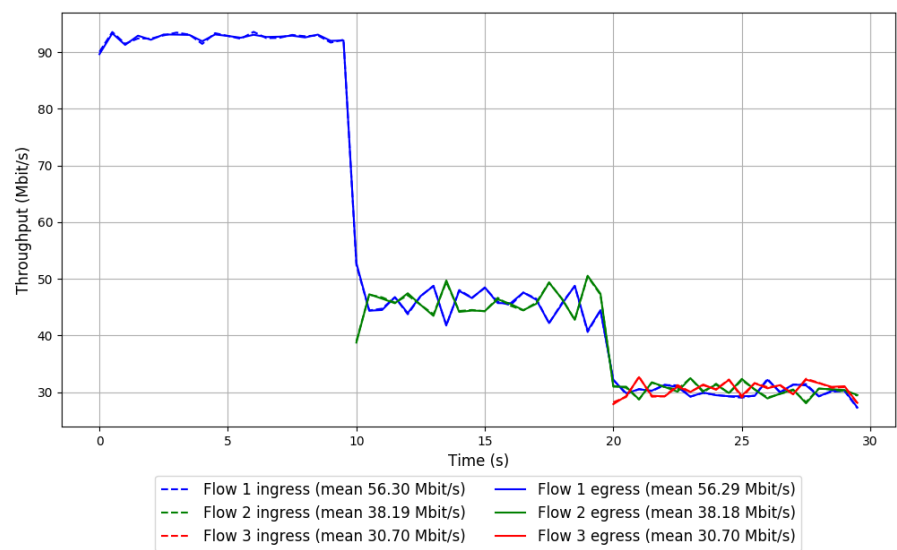


Run 5: Statistics of Copa

Start at: 2018-02-28 04:56:20
End at: 2018-02-28 04:56:50
Local clock offset: -3.746 ms
Remote clock offset: -6.933 ms

Below is generated by plot.py at 2018-02-28 07:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.89 Mbit/s
95th percentile per-packet one-way delay: 7.014 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.29 Mbit/s
95th percentile per-packet one-way delay: 6.431 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 7.129 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.70 Mbit/s
95th percentile per-packet one-way delay: 7.500 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

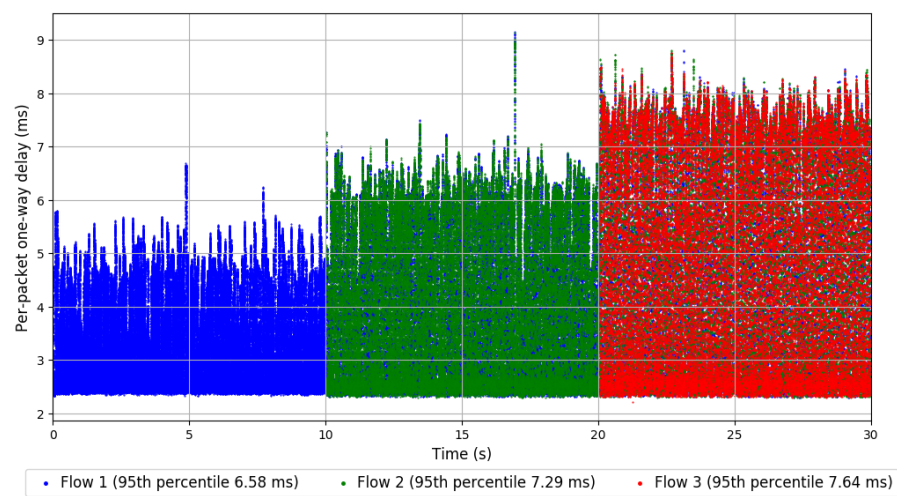
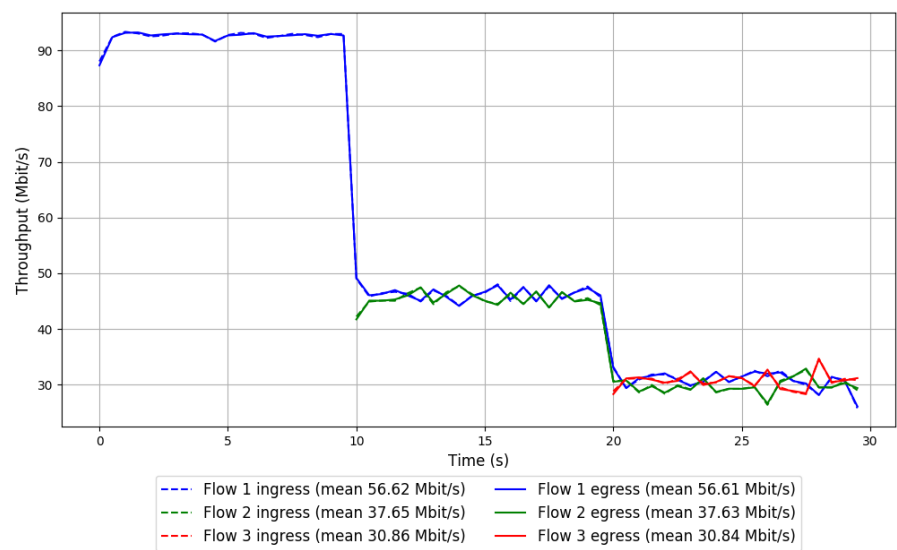


Run 6: Statistics of Copa

Start at: 2018-02-28 05:16:52
End at: 2018-02-28 05:17:22
Local clock offset: -5.544 ms
Remote clock offset: -6.992 ms

Below is generated by plot.py at 2018-02-28 07:35:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 7.158 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 6.583 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.63 Mbit/s
95th percentile per-packet one-way delay: 7.290 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 30.84 Mbit/s
95th percentile per-packet one-way delay: 7.638 ms
Loss rate: 0.04%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-02-28 05:37:24

End at: 2018-02-28 05:37:54

Local clock offset: -6.095 ms

Remote clock offset: -6.42 ms

Below is generated by plot.py at 2018-02-28 07:35:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: 6.539 ms

Loss rate: 1.90%

-- Flow 1:

Average throughput: 47.14 Mbit/s

95th percentile per-packet one-way delay: 5.852 ms

Loss rate: 3.58%

-- Flow 2:

Average throughput: 47.32 Mbit/s

95th percentile per-packet one-way delay: 6.584 ms

Loss rate: 0.00%

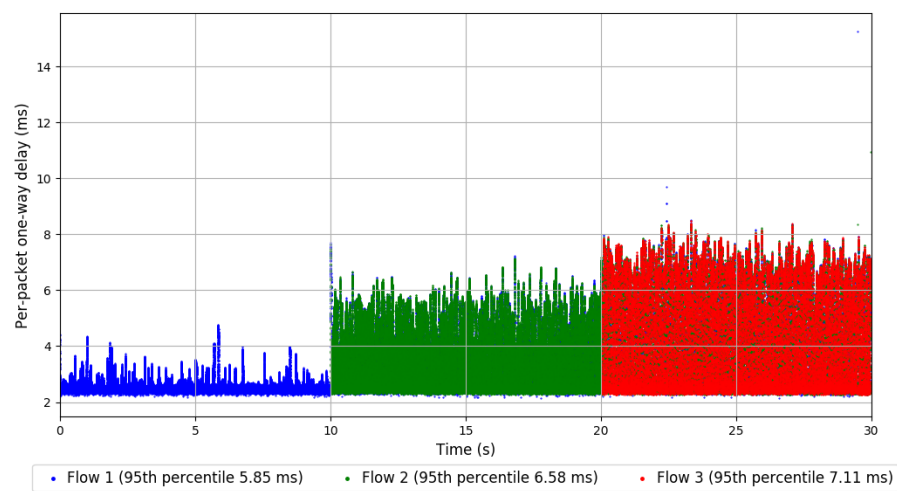
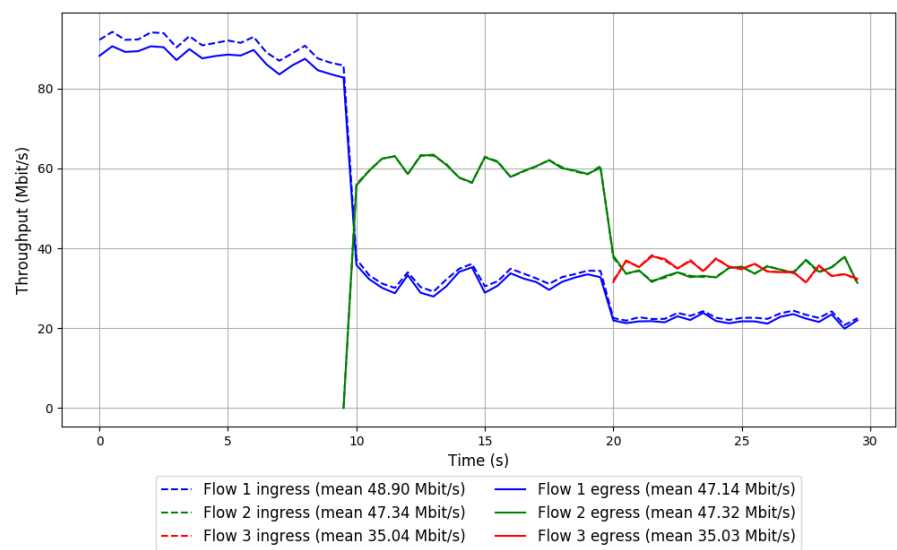
-- Flow 3:

Average throughput: 35.03 Mbit/s

95th percentile per-packet one-way delay: 7.105 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-28 05:57:57

End at: 2018-02-28 05:58:27

Local clock offset: -6.697 ms

Remote clock offset: -6.55 ms

Below is generated by plot.py at 2018-02-28 07:35:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.81 Mbit/s

95th percentile per-packet one-way delay: 7.205 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 55.64 Mbit/s

95th percentile per-packet one-way delay: 6.652 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 38.85 Mbit/s

95th percentile per-packet one-way delay: 7.311 ms

Loss rate: 0.00%

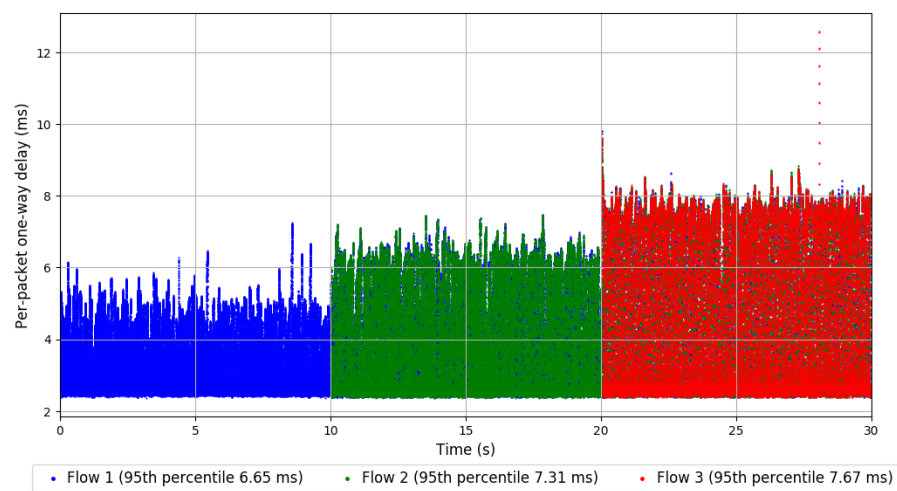
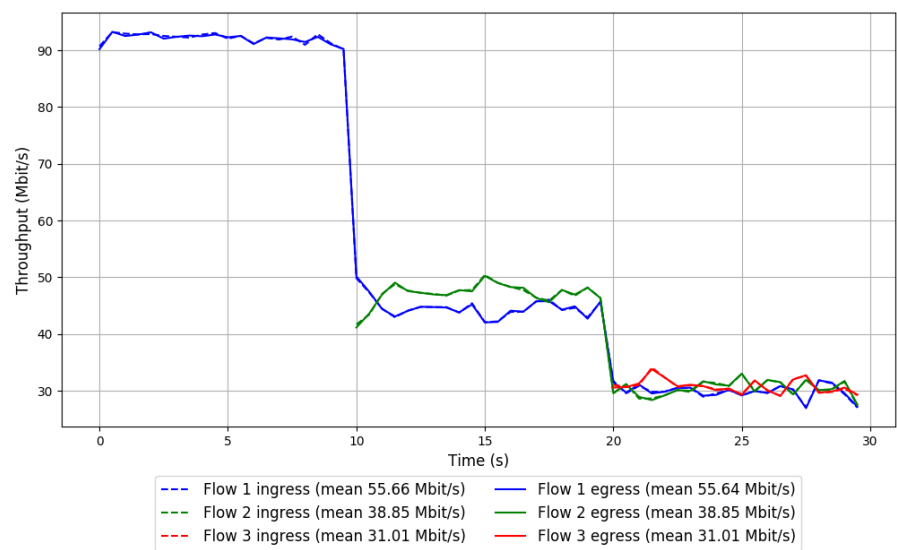
-- Flow 3:

Average throughput: 31.01 Mbit/s

95th percentile per-packet one-way delay: 7.665 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link

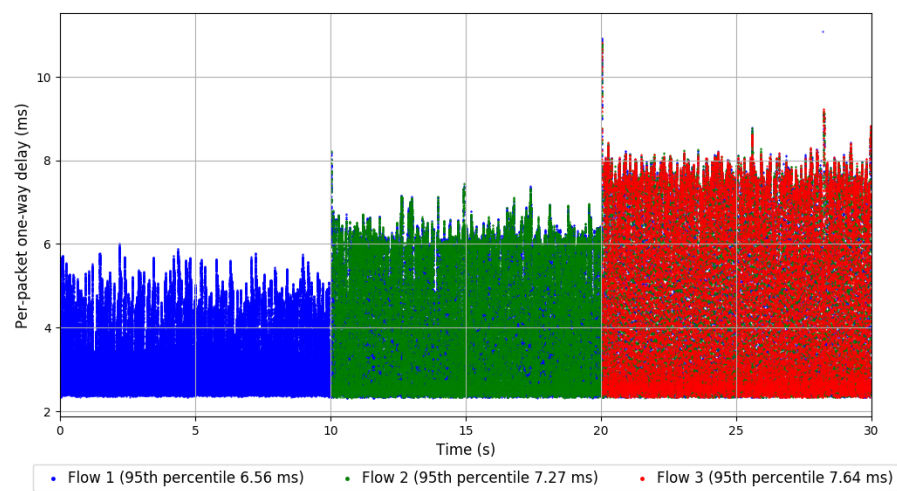
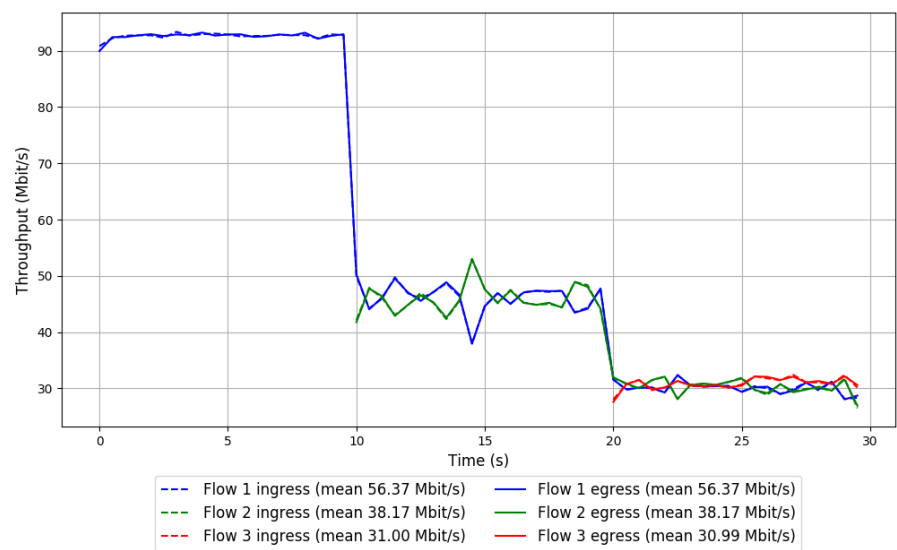


Run 9: Statistics of Copa

Start at: 2018-02-28 06:18:30
End at: 2018-02-28 06:19:00
Local clock offset: -5.402 ms
Remote clock offset: -7.164 ms

Below is generated by plot.py at 2018-02-28 07:36:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 7.148 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 6.562 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 7.272 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.99 Mbit/s
95th percentile per-packet one-way delay: 7.644 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

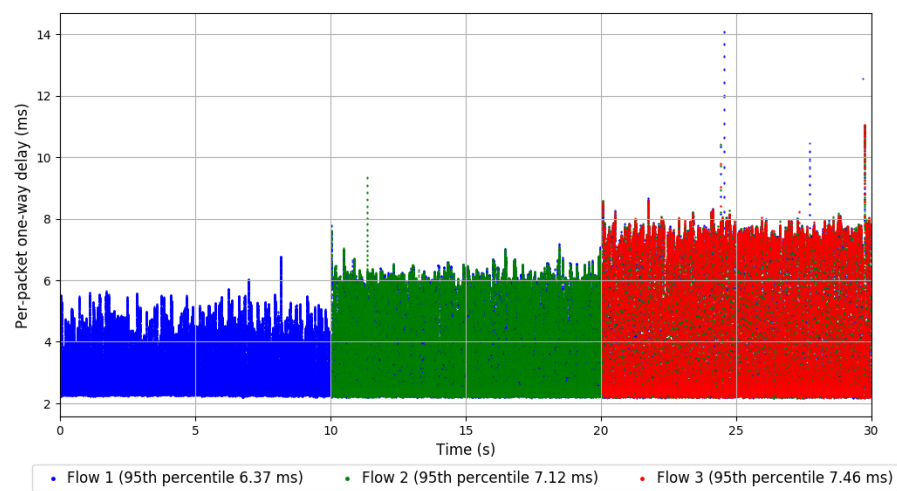
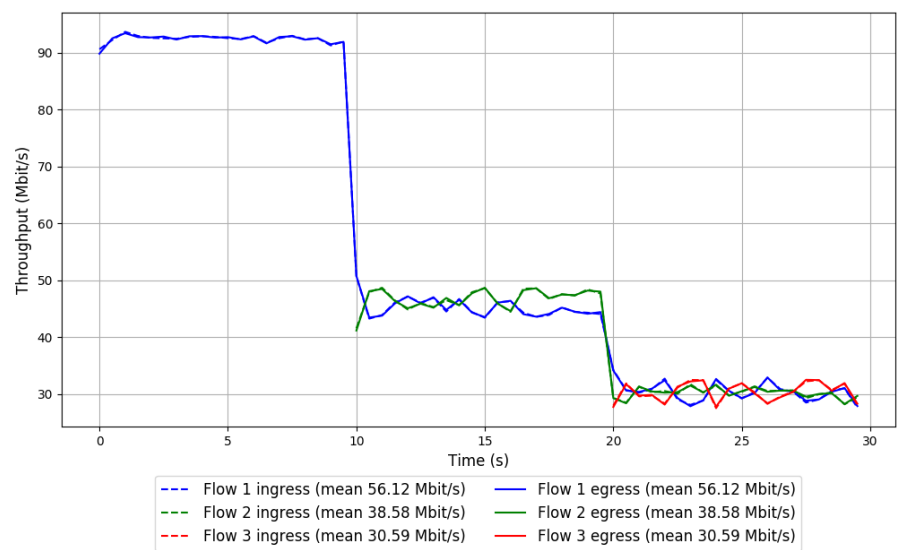


Run 10: Statistics of Copa

Start at: 2018-02-28 06:39:03
End at: 2018-02-28 06:39:33
Local clock offset: -5.335 ms
Remote clock offset: -7.093 ms

Below is generated by plot.py at 2018-02-28 07:36:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 7.000 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.12 Mbit/s
95th percentile per-packet one-way delay: 6.372 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.58 Mbit/s
95th percentile per-packet one-way delay: 7.123 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.59 Mbit/s
95th percentile per-packet one-way delay: 7.465 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

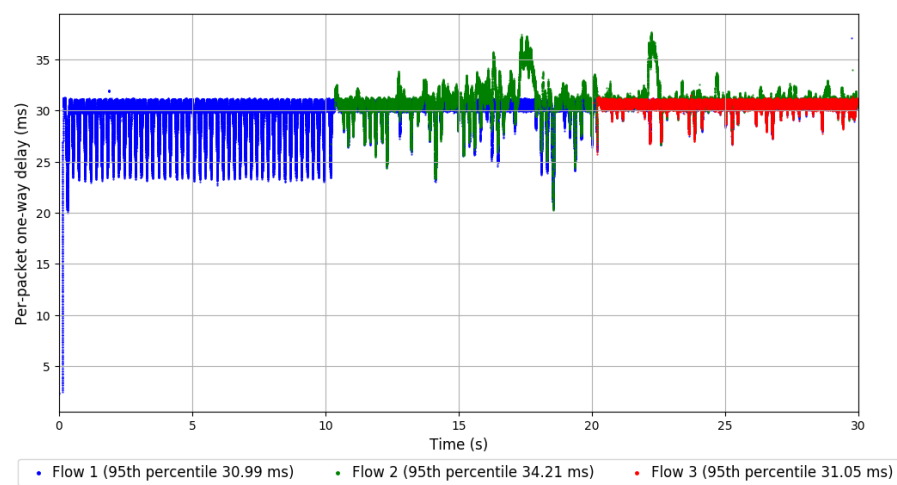
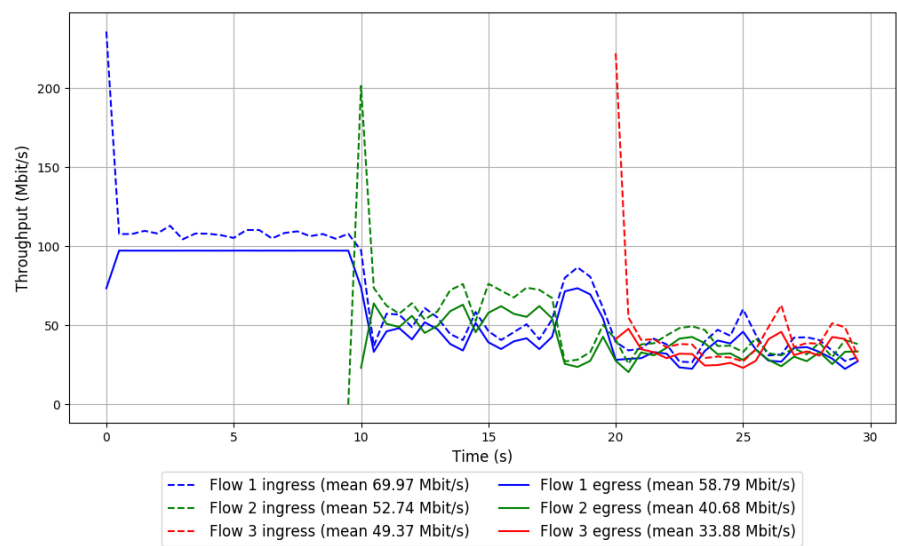


```
Run 1: Statistics of FillP

Start at: 2018-02-28 03:23:54
End at: 2018-02-28 03:24:24
Local clock offset: -4.408 ms
Remote clock offset: -6.83 ms

# Below is generated by plot.py at 2018-02-28 07:36:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 31.770 ms
Loss rate: 20.16%
-- Flow 1:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 30.990 ms
Loss rate: 15.89%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 34.206 ms
Loss rate: 23.43%
-- Flow 3:
Average throughput: 33.88 Mbit/s
95th percentile per-packet one-way delay: 31.054 ms
Loss rate: 31.36%
```


Run 1: Report of FillP — Data Link

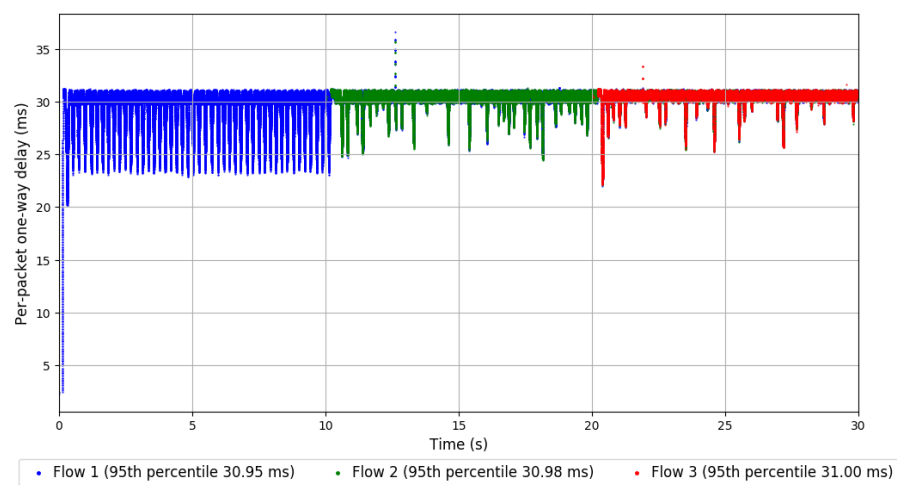
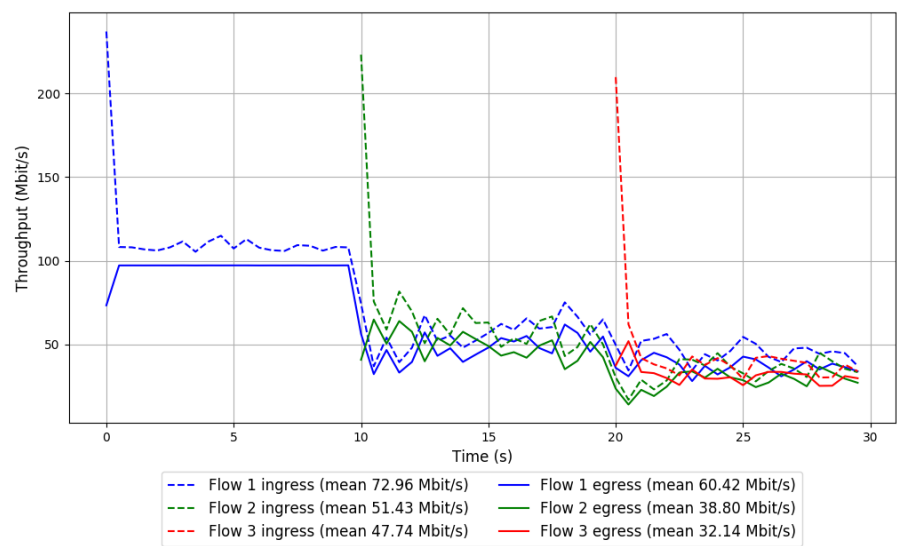


Run 2: Statistics of FillP

Start at: 2018-02-28 03:44:26
End at: 2018-02-28 03:44:56
Local clock offset: -3.751 ms
Remote clock offset: -6.784 ms

Below is generated by plot.py at 2018-02-28 07:36:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 30.967 ms
Loss rate: 21.19%
-- Flow 1:
Average throughput: 60.42 Mbit/s
95th percentile per-packet one-way delay: 30.953 ms
Loss rate: 17.11%
-- Flow 2:
Average throughput: 38.80 Mbit/s
95th percentile per-packet one-way delay: 30.980 ms
Loss rate: 24.56%
-- Flow 3:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 30.999 ms
Loss rate: 32.68%

Run 2: Report of FillP — Data Link

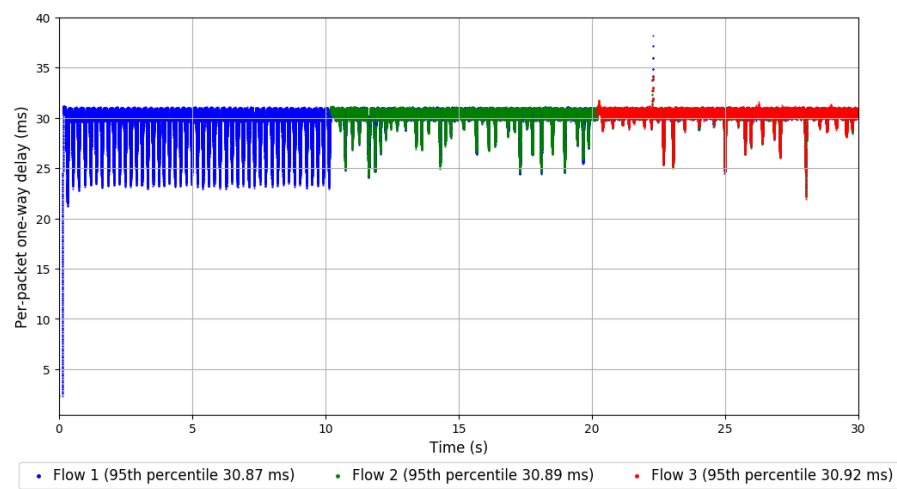
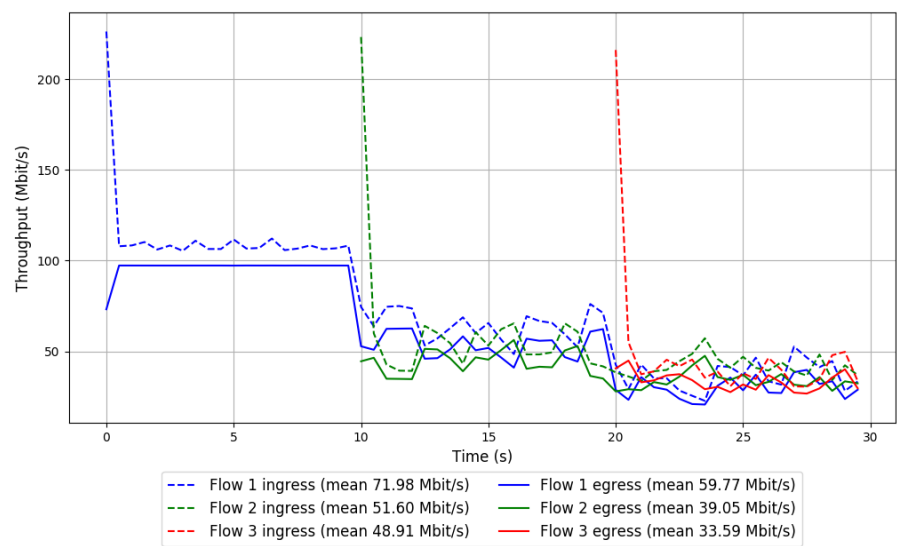


Run 3: Statistics of FillP

Start at: 2018-02-28 04:04:58
End at: 2018-02-28 04:05:28
Local clock offset: -6.526 ms
Remote clock offset: -6.875 ms

Below is generated by plot.py at 2018-02-28 07:36:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 30.880 ms
Loss rate: 20.87%
-- Flow 1:
Average throughput: 59.77 Mbit/s
95th percentile per-packet one-way delay: 30.868 ms
Loss rate: 16.88%
-- Flow 2:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 30.888 ms
Loss rate: 24.31%
-- Flow 3:
Average throughput: 33.59 Mbit/s
95th percentile per-packet one-way delay: 30.923 ms
Loss rate: 31.33%

Run 3: Report of FillP — Data Link

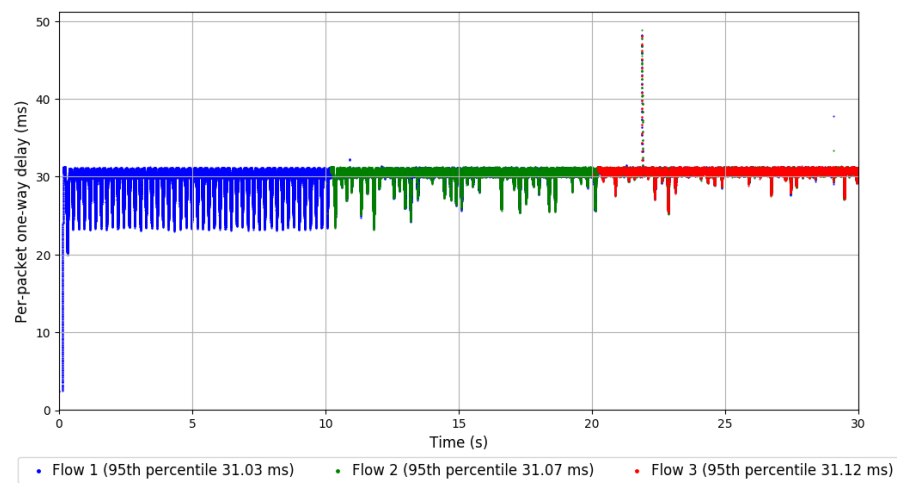
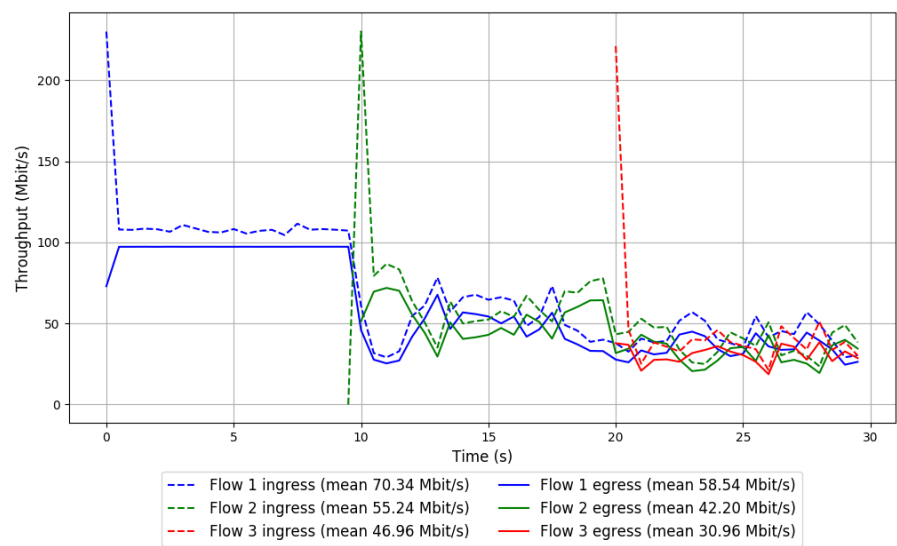


Run 4: Statistics of FillP

Start at: 2018-02-28 04:25:31
End at: 2018-02-28 04:26:01
Local clock offset: -5.526 ms
Remote clock offset: -6.925 ms

Below is generated by plot.py at 2018-02-28 07:36:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 31.054 ms
Loss rate: 20.97%
-- Flow 1:
Average throughput: 58.54 Mbit/s
95th percentile per-packet one-way delay: 31.026 ms
Loss rate: 16.70%
-- Flow 2:
Average throughput: 42.20 Mbit/s
95th percentile per-packet one-way delay: 31.067 ms
Loss rate: 23.59%
-- Flow 3:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 31.116 ms
Loss rate: 34.07%

Run 4: Report of FillP — Data Link

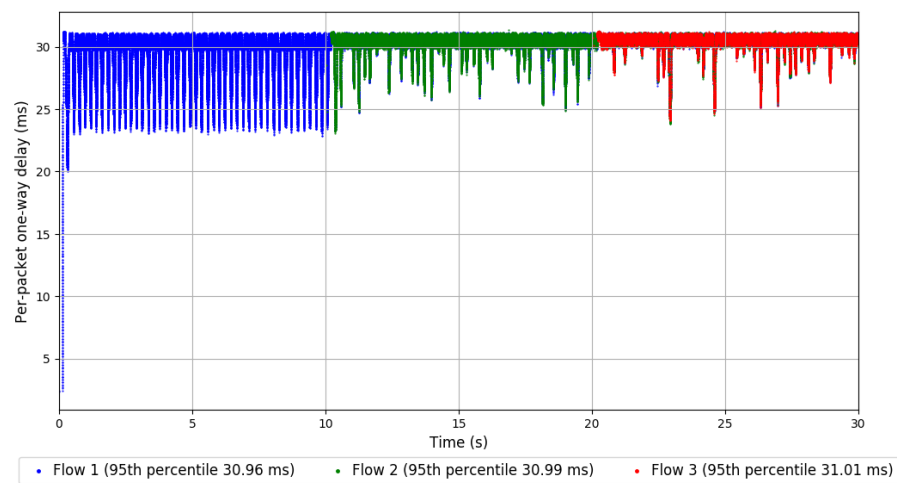
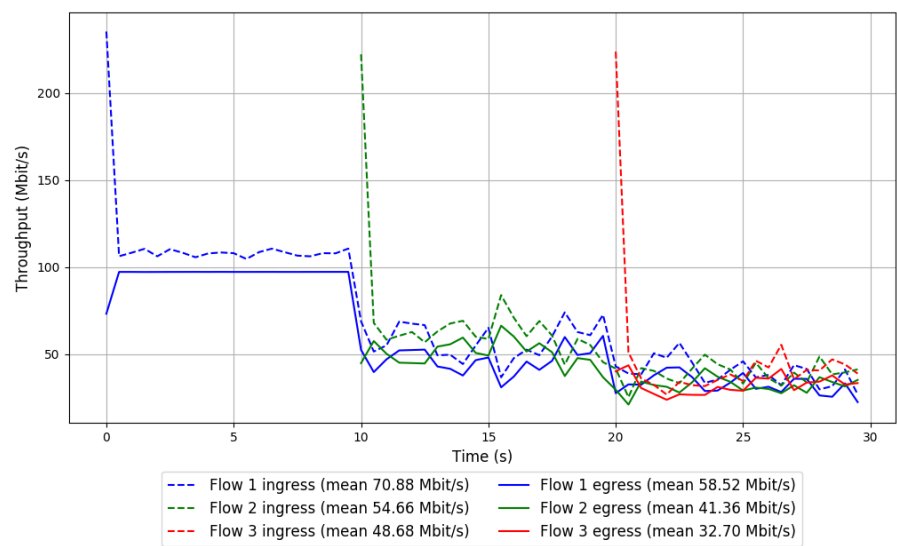


Run 5: Statistics of FillP

Start at: 2018-02-28 04:46:04
End at: 2018-02-28 04:46:34
Local clock offset: -3.535 ms
Remote clock offset: -6.899 ms

Below is generated by plot.py at 2018-02-28 07:36:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 30.975 ms
Loss rate: 21.43%
-- Flow 1:
Average throughput: 58.52 Mbit/s
95th percentile per-packet one-way delay: 30.963 ms
Loss rate: 17.36%
-- Flow 2:
Average throughput: 41.36 Mbit/s
95th percentile per-packet one-way delay: 30.986 ms
Loss rate: 24.32%
-- Flow 3:
Average throughput: 32.70 Mbit/s
95th percentile per-packet one-way delay: 31.006 ms
Loss rate: 32.82%

Run 5: Report of FillP — Data Link

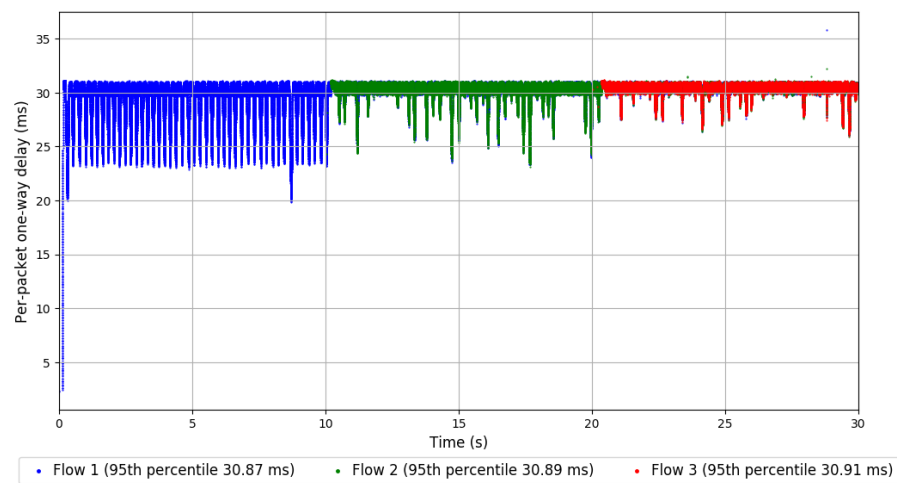
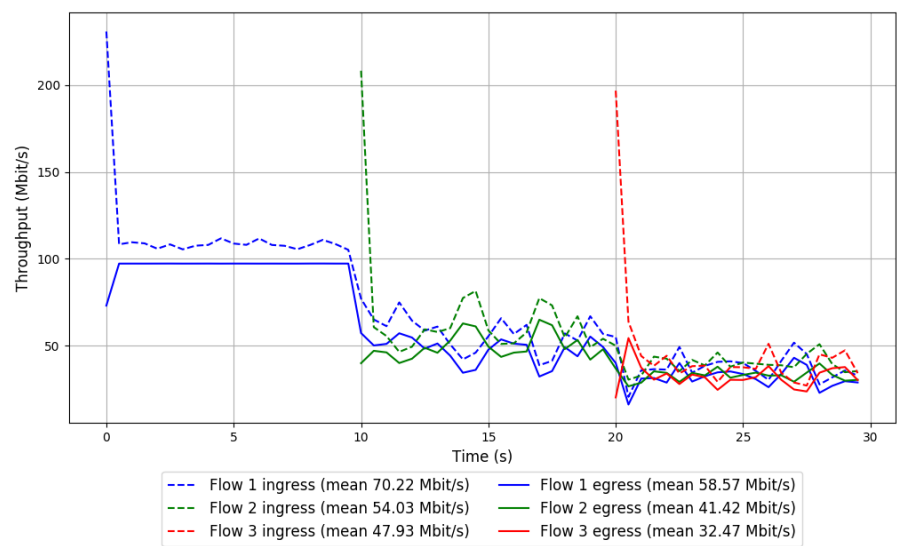


Run 6: Statistics of FillP

Start at: 2018-02-28 05:06:36
End at: 2018-02-28 05:07:06
Local clock offset: -4.921 ms
Remote clock offset: -6.911 ms

Below is generated by plot.py at 2018-02-28 07:37:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 30.884 ms
Loss rate: 20.56%
-- Flow 1:
Average throughput: 58.57 Mbit/s
95th percentile per-packet one-way delay: 30.871 ms
Loss rate: 16.51%
-- Flow 2:
Average throughput: 41.42 Mbit/s
95th percentile per-packet one-way delay: 30.895 ms
Loss rate: 23.31%
-- Flow 3:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 30.914 ms
Loss rate: 32.26%

Run 6: Report of FillP — Data Link

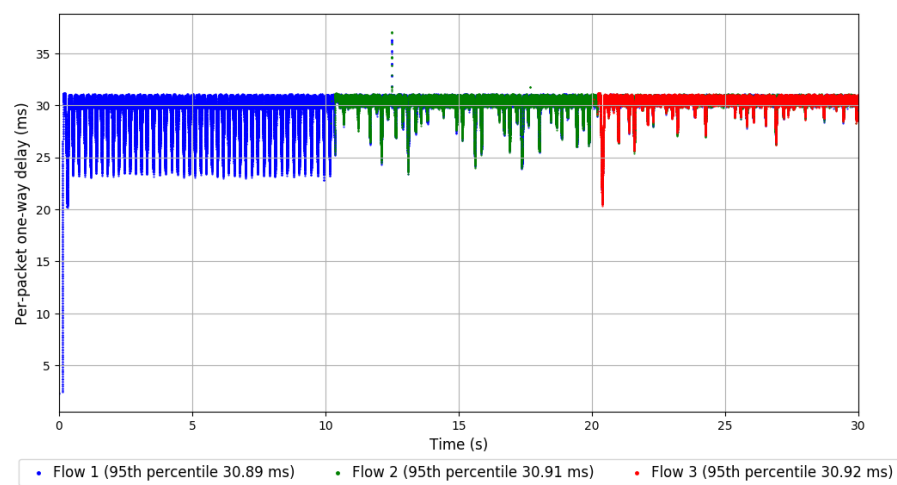
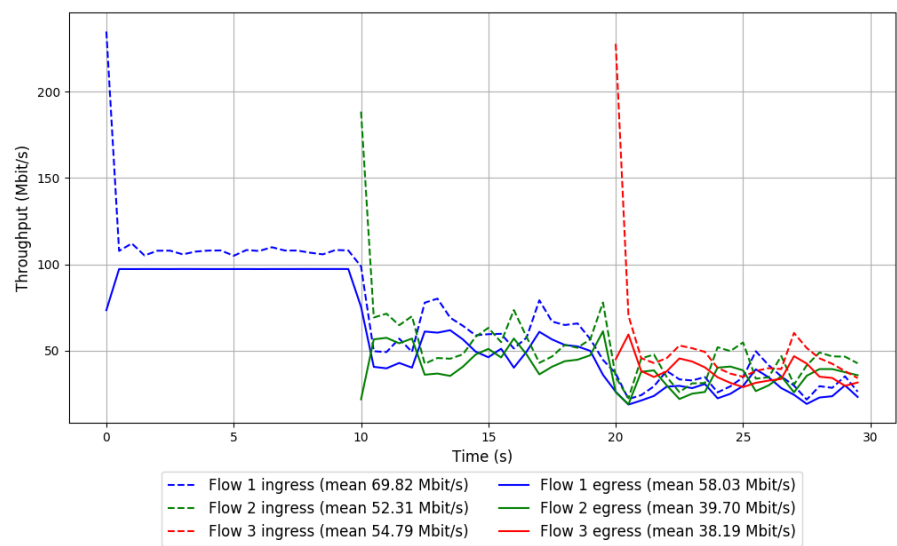


Run 7: Statistics of FillP

Start at: 2018-02-28 05:27:08
End at: 2018-02-28 05:27:38
Local clock offset: -5.843 ms
Remote clock offset: -6.668 ms

Below is generated by plot.py at 2018-02-28 07:37:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 30.898 ms
Loss rate: 21.04%
-- Flow 1:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 30.887 ms
Loss rate: 16.81%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 30.909 ms
Loss rate: 24.69%
-- Flow 3:
Average throughput: 38.19 Mbit/s
95th percentile per-packet one-way delay: 30.916 ms
Loss rate: 30.30%

Run 7: Report of FillP — Data Link

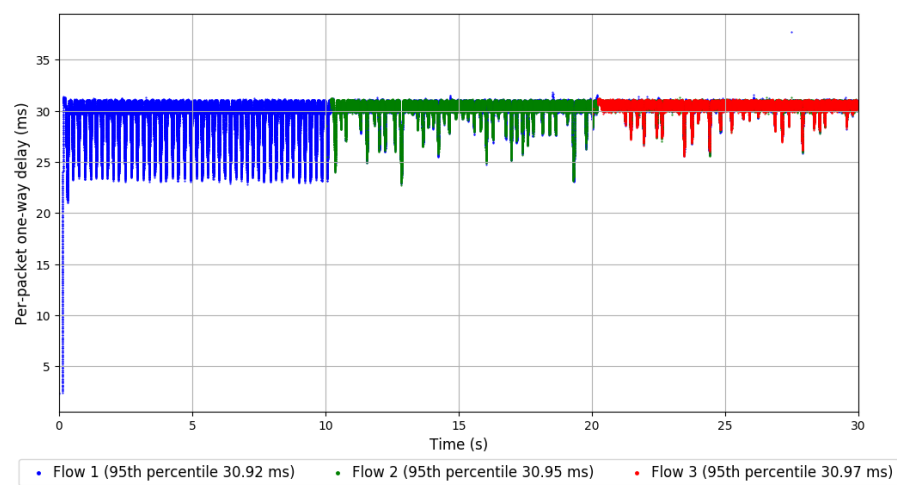
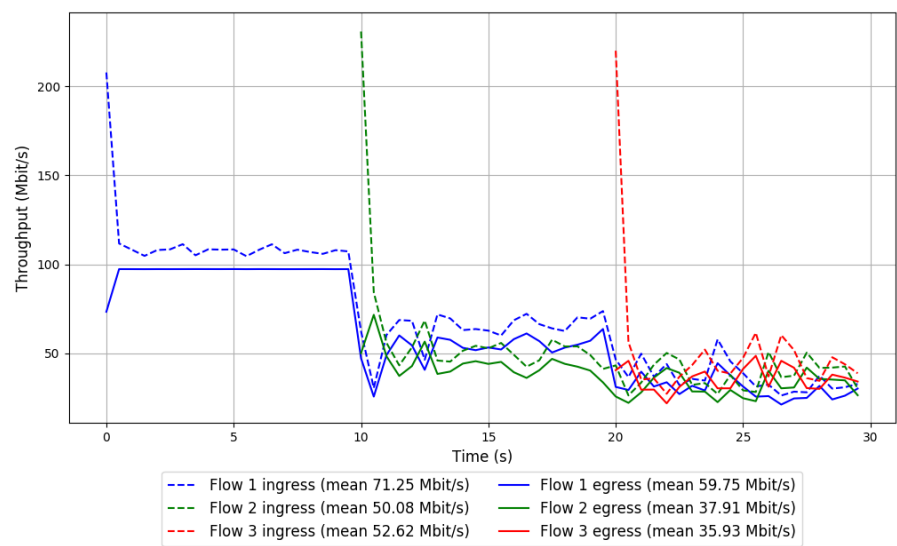


Run 8: Statistics of FillP

Start at: 2018-02-28 05:47:40
End at: 2018-02-28 05:48:10
Local clock offset: -6.365 ms
Remote clock offset: -6.278 ms

Below is generated by plot.py at 2018-02-28 07:37:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 30.941 ms
Loss rate: 20.55%
-- Flow 1:
Average throughput: 59.75 Mbit/s
95th percentile per-packet one-way delay: 30.924 ms
Loss rate: 16.06%
-- Flow 2:
Average throughput: 37.91 Mbit/s
95th percentile per-packet one-way delay: 30.955 ms
Loss rate: 24.29%
-- Flow 3:
Average throughput: 35.93 Mbit/s
95th percentile per-packet one-way delay: 30.971 ms
Loss rate: 31.71%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-02-28 06:08:14

End at: 2018-02-28 06:08:44

Local clock offset: -6.04 ms

Remote clock offset: -7.05 ms

Below is generated by plot.py at 2018-02-28 07:38:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: 31.027 ms

Loss rate: 21.44%

-- Flow 1:

Average throughput: 59.25 Mbit/s

95th percentile per-packet one-way delay: 31.002 ms

Loss rate: 17.29%

-- Flow 2:

Average throughput: 38.67 Mbit/s

95th percentile per-packet one-way delay: 31.046 ms

Loss rate: 24.75%

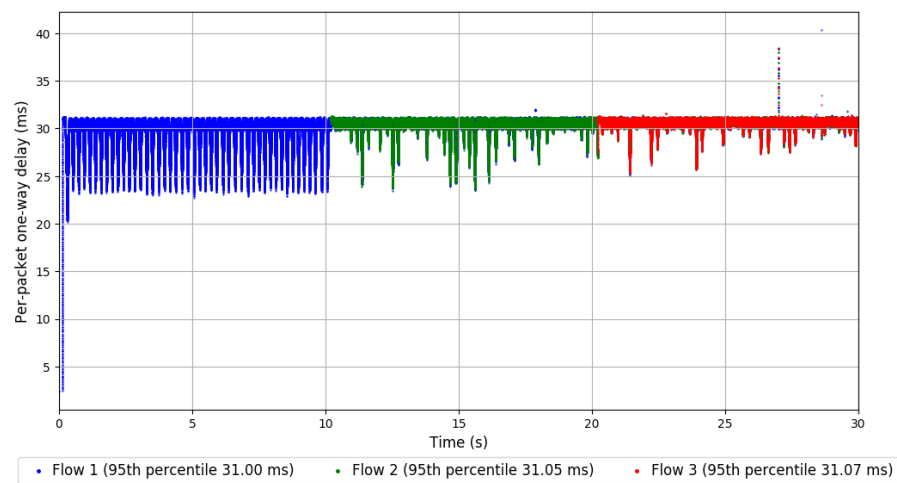
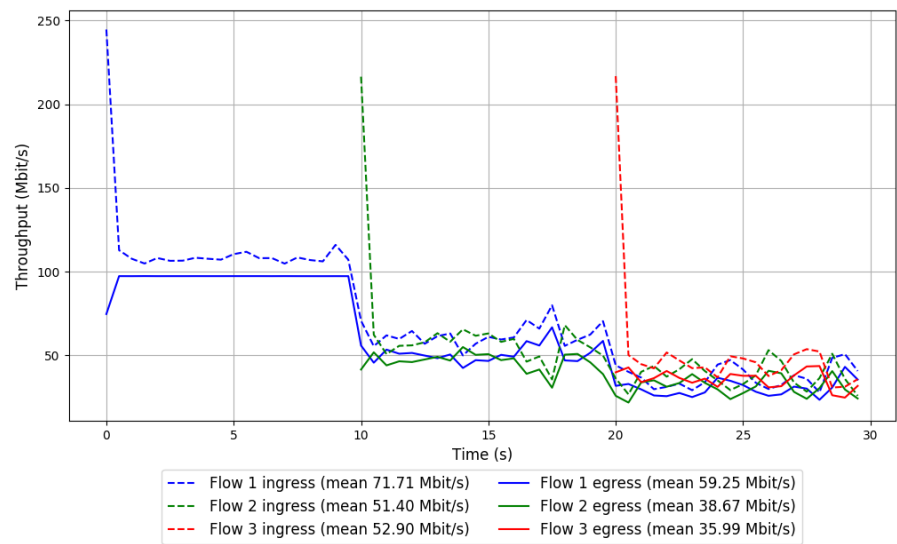
-- Flow 3:

Average throughput: 35.99 Mbit/s

95th percentile per-packet one-way delay: 31.072 ms

Loss rate: 31.98%

Run 9: Report of FillP — Data Link

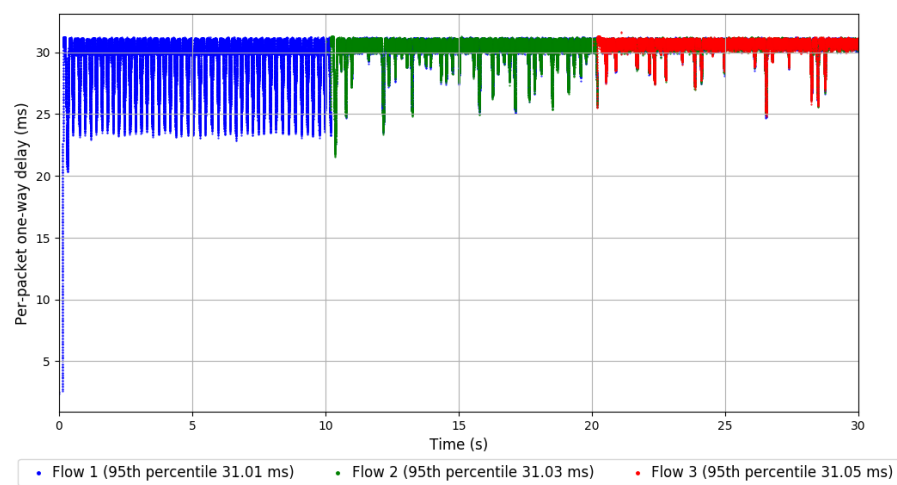
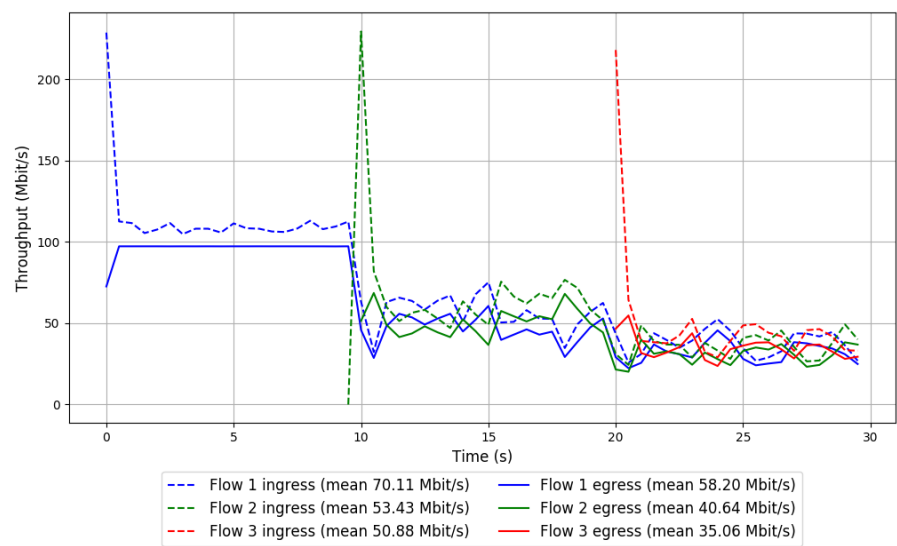


Run 10: Statistics of FillP

Start at: 2018-02-28 06:28:46
End at: 2018-02-28 06:29:16
Local clock offset: -5.283 ms
Remote clock offset: -7.206 ms

Below is generated by plot.py at 2018-02-28 07:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 31.023 ms
Loss rate: 20.90%
-- Flow 1:
Average throughput: 58.20 Mbit/s
95th percentile per-packet one-way delay: 31.010 ms
Loss rate: 16.91%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 31.031 ms
Loss rate: 23.94%
-- Flow 3:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 31.055 ms
Loss rate: 31.08%

Run 10: Report of FillP — Data Link

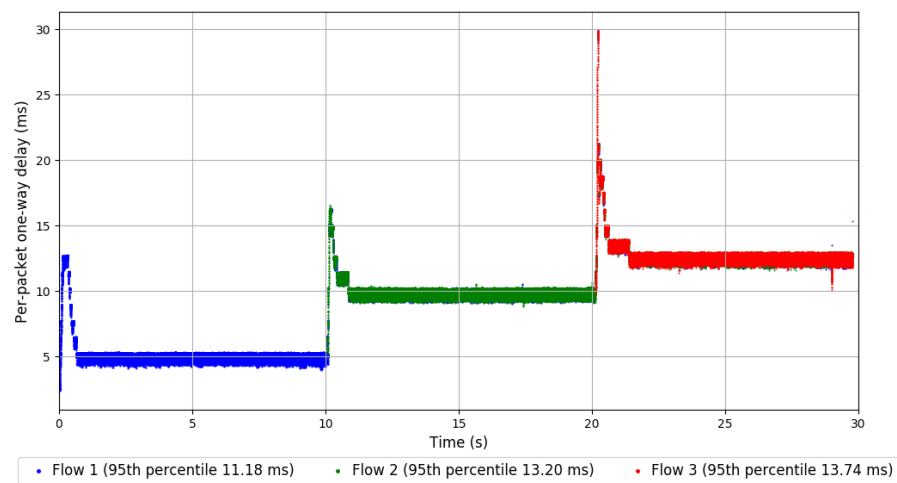
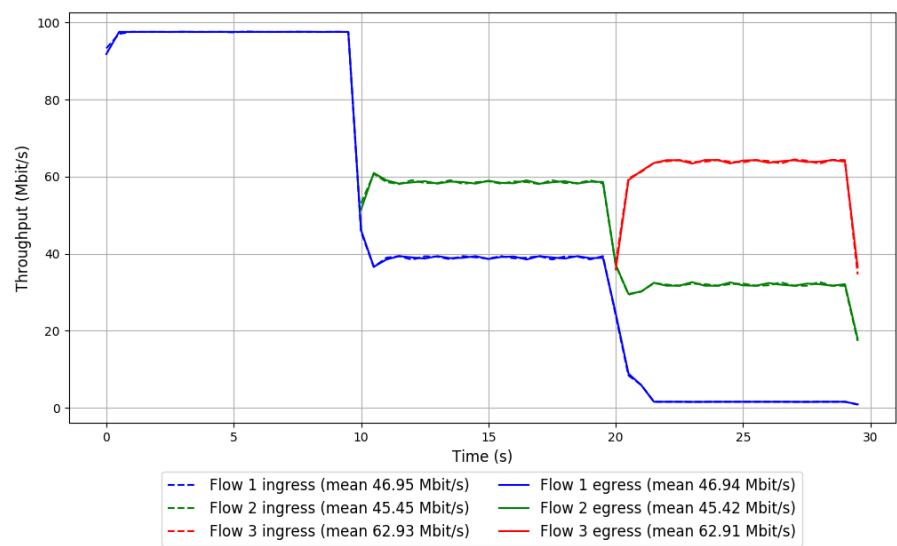


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-28 03:39:52
End at: 2018-02-28 03:40:22
Local clock offset: -3.849 ms
Remote clock offset: -6.796 ms

# Below is generated by plot.py at 2018-02-28 07:38:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 12.905 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.94 Mbit/s
95th percentile per-packet one-way delay: 11.177 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.42 Mbit/s
95th percentile per-packet one-way delay: 13.196 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.91 Mbit/s
95th percentile per-packet one-way delay: 13.740 ms
Loss rate: 0.00%
```

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

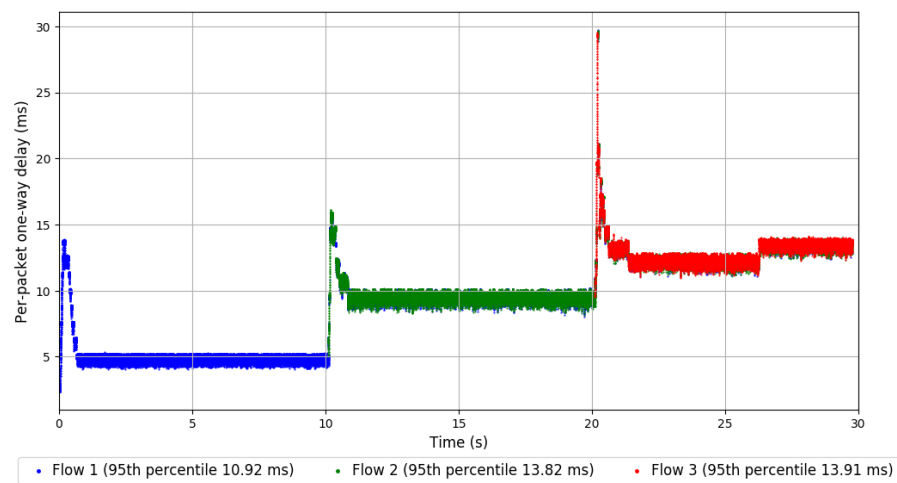
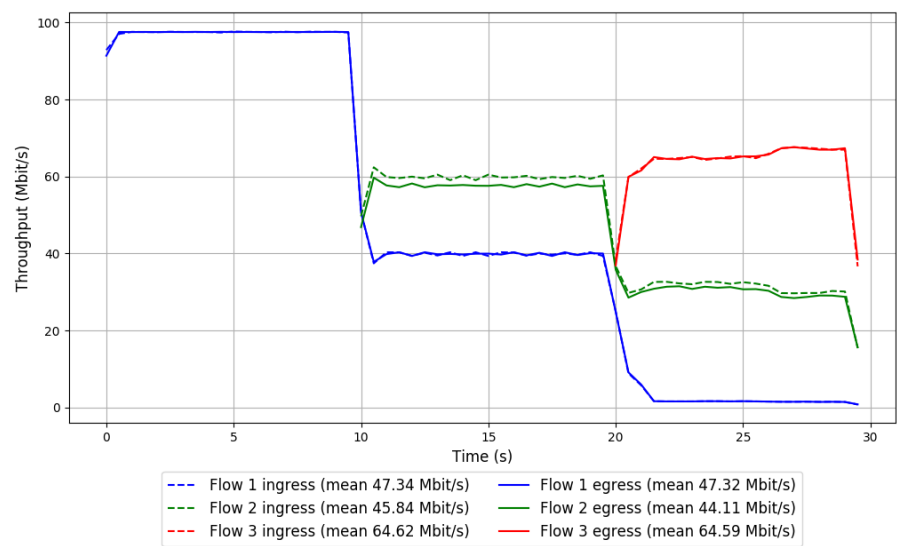


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-28 04:00:24
End at: 2018-02-28 04:00:54
Local clock offset: -6.182 ms
Remote clock offset: -6.777 ms

Below is generated by plot.py at 2018-02-28 07:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 13.811 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 47.32 Mbit/s
95th percentile per-packet one-way delay: 10.916 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: 13.818 ms
Loss rate: 3.73%
-- Flow 3:
Average throughput: 64.59 Mbit/s
95th percentile per-packet one-way delay: 13.908 ms
Loss rate: 0.00%

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

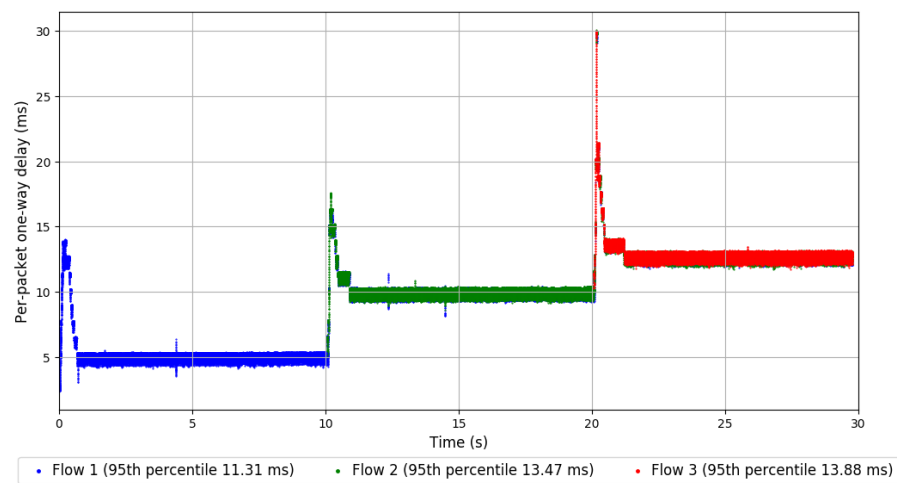
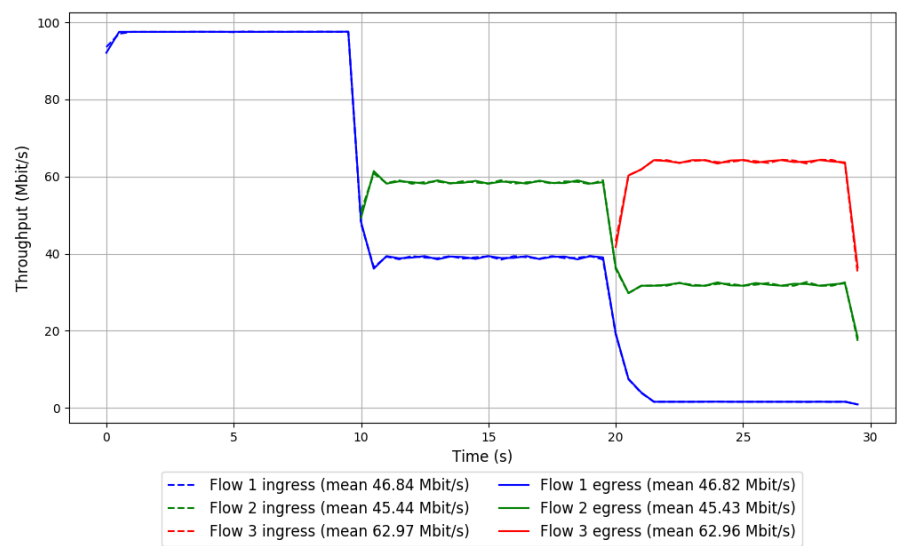


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-28 04:20:57
End at: 2018-02-28 04:21:27
Local clock offset: -6.888 ms
Remote clock offset: -6.857 ms

Below is generated by plot.py at 2018-02-28 07:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 13.101 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 11.312 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.43 Mbit/s
95th percentile per-packet one-way delay: 13.467 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.96 Mbit/s
95th percentile per-packet one-way delay: 13.884 ms
Loss rate: 0.00%

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

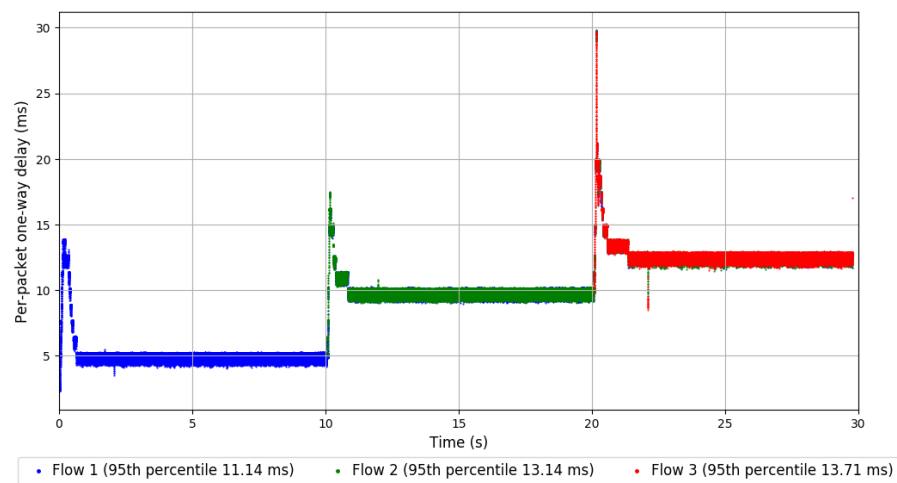
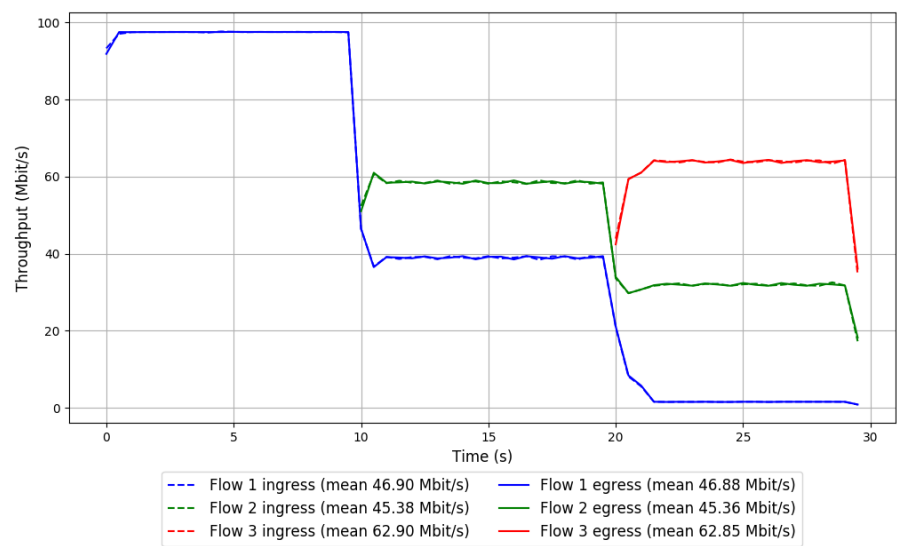


Run 4: Statistics of Indigo-1-32

Start at: 2018-02-28 04:41:30
End at: 2018-02-28 04:42:00
Local clock offset: -3.718 ms
Remote clock offset: -6.902 ms

Below is generated by plot.py at 2018-02-28 07:38:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 12.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.88 Mbit/s
95th percentile per-packet one-way delay: 11.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.36 Mbit/s
95th percentile per-packet one-way delay: 13.144 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.85 Mbit/s
95th percentile per-packet one-way delay: 13.706 ms
Loss rate: 0.00%

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

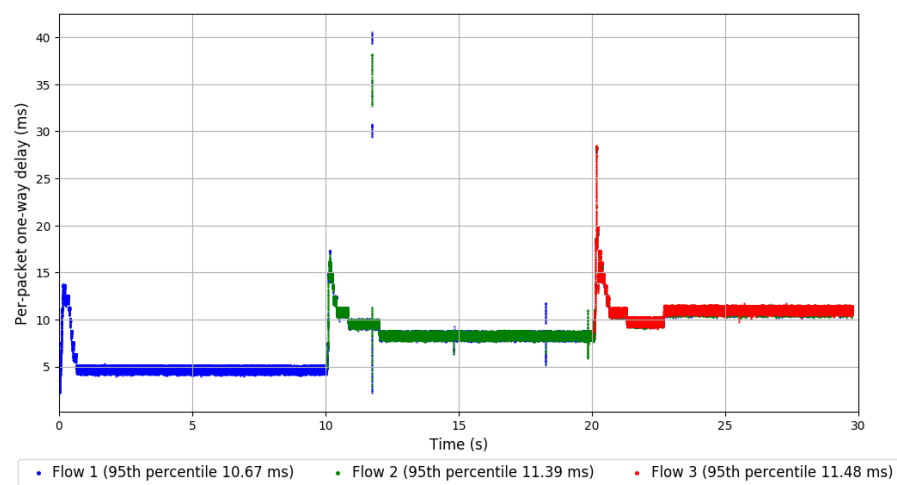
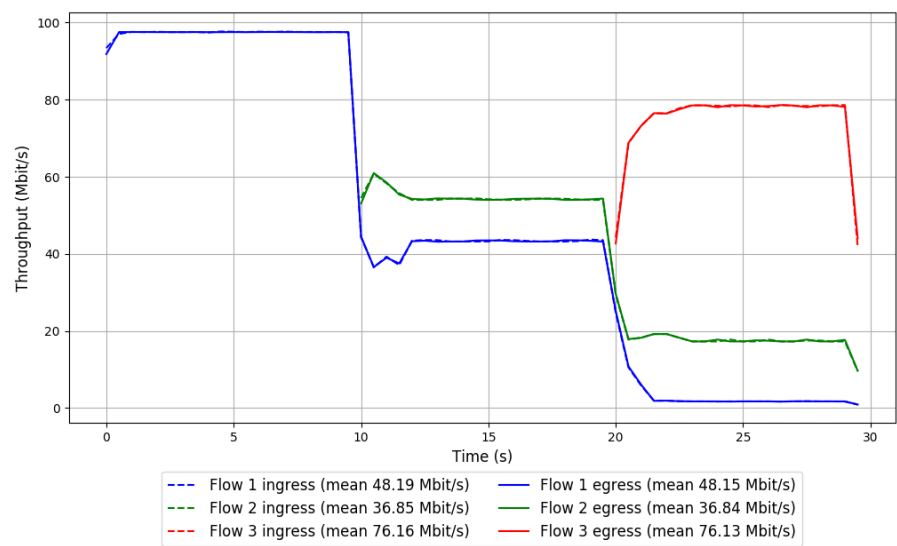


Run 5: Statistics of Indigo-1-32

Start at: 2018-02-28 05:02:02
End at: 2018-02-28 05:02:32
Local clock offset: -4.582 ms
Remote clock offset: -6.994 ms

Below is generated by plot.py at 2018-02-28 07:39:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 11.437 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 48.15 Mbit/s
95th percentile per-packet one-way delay: 10.673 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.84 Mbit/s
95th percentile per-packet one-way delay: 11.394 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 76.13 Mbit/s
95th percentile per-packet one-way delay: 11.484 ms
Loss rate: 0.01%

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

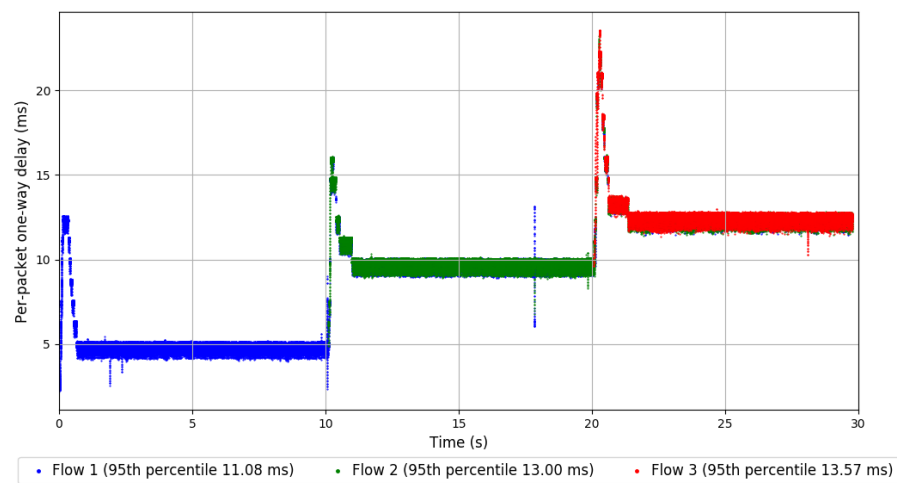
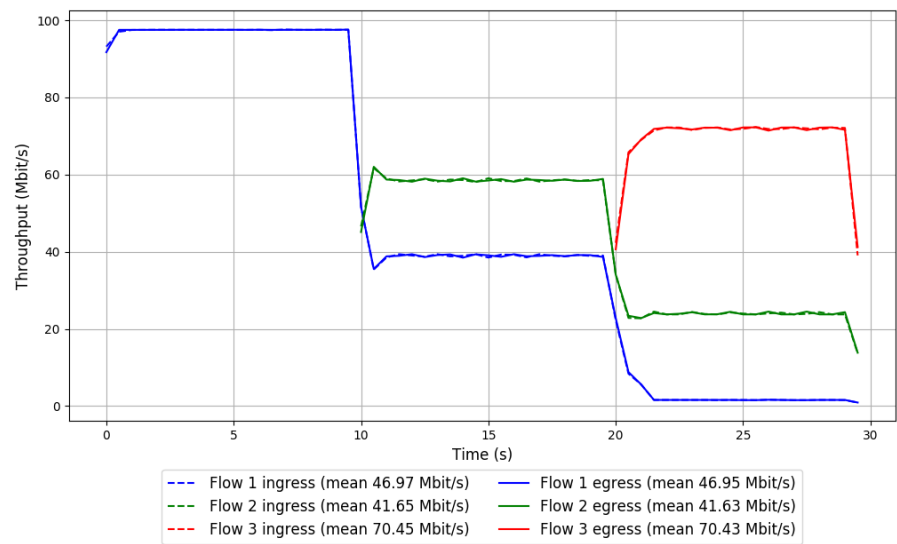


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-28 05:22:34
End at: 2018-02-28 05:23:04
Local clock offset: -5.668 ms
Remote clock offset: -6.861 ms

Below is generated by plot.py at 2018-02-28 07:39:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 12.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.95 Mbit/s
95th percentile per-packet one-way delay: 11.081 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 13.000 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.43 Mbit/s
95th percentile per-packet one-way delay: 13.575 ms
Loss rate: 0.00%

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

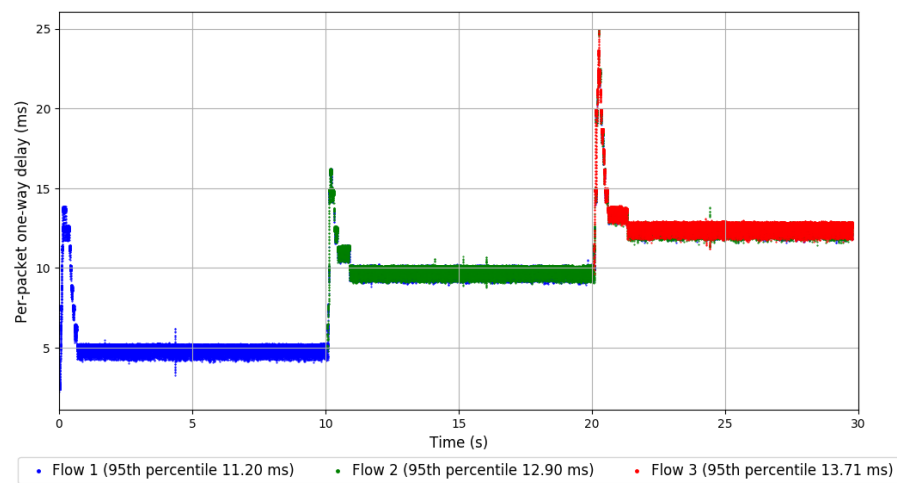
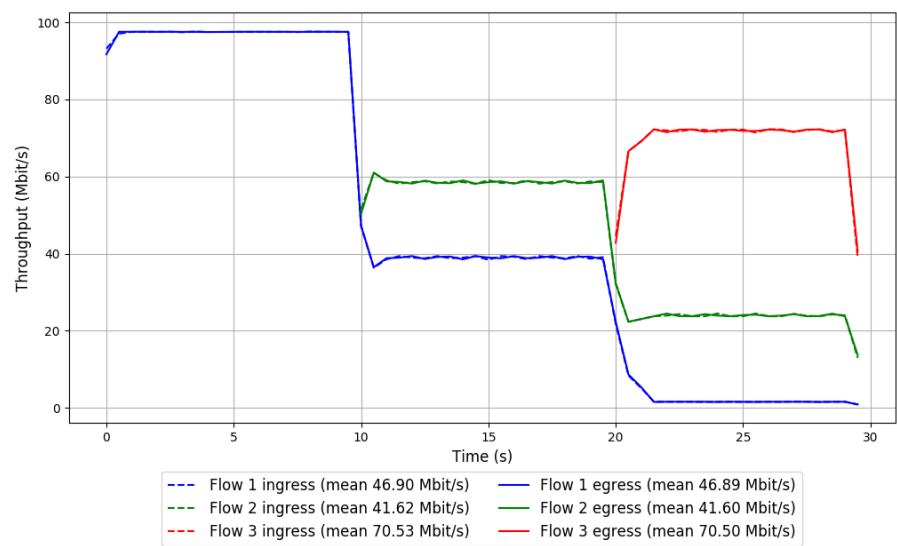


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-28 05:43:06
End at: 2018-02-28 05:43:36
Local clock offset: -6.313 ms
Remote clock offset: -6.338 ms

Below is generated by plot.py at 2018-02-28 07:39:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 12.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.89 Mbit/s
95th percentile per-packet one-way delay: 11.195 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.60 Mbit/s
95th percentile per-packet one-way delay: 12.901 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.50 Mbit/s
95th percentile per-packet one-way delay: 13.710 ms
Loss rate: 0.01%

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

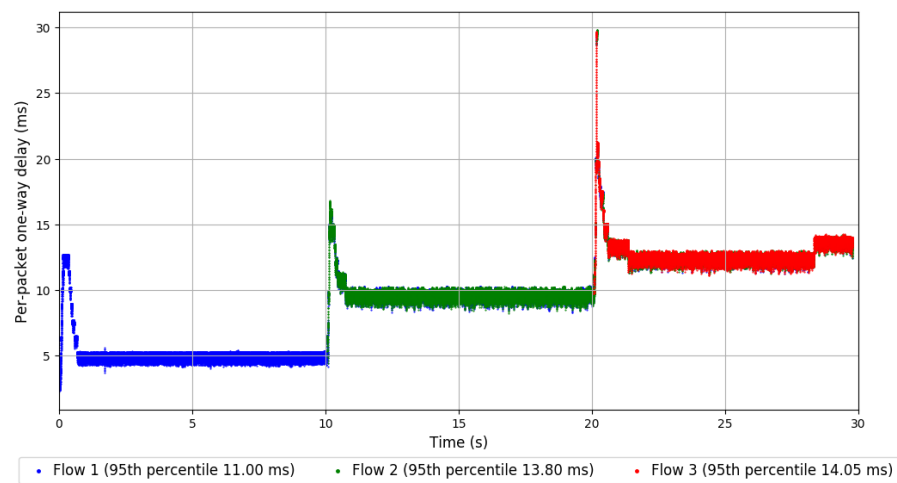
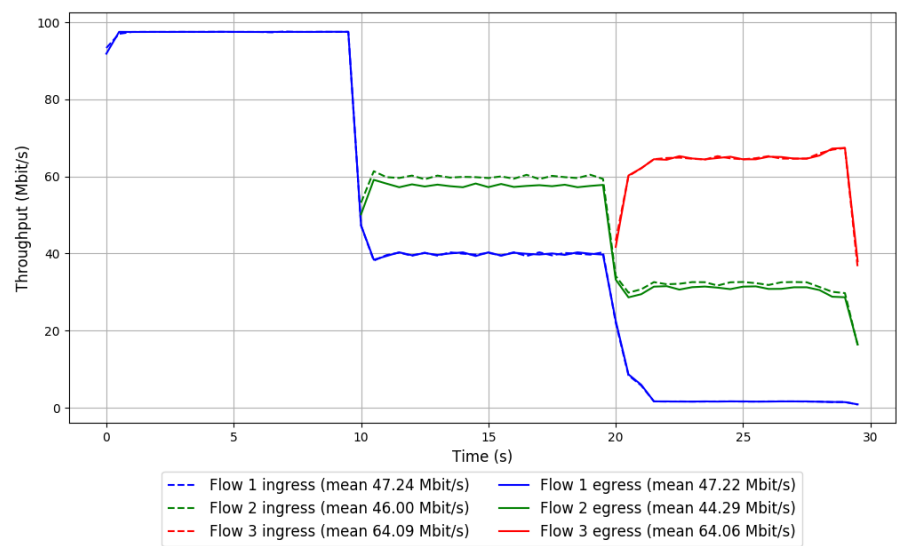


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-28 06:03:39
End at: 2018-02-28 06:04:09
Local clock offset: -6.563 ms
Remote clock offset: -6.835 ms

Below is generated by plot.py at 2018-02-28 07:39:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 13.782 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 47.22 Mbit/s
95th percentile per-packet one-way delay: 11.001 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.29 Mbit/s
95th percentile per-packet one-way delay: 13.799 ms
Loss rate: 3.67%
-- Flow 3:
Average throughput: 64.06 Mbit/s
95th percentile per-packet one-way delay: 14.050 ms
Loss rate: 0.00%

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

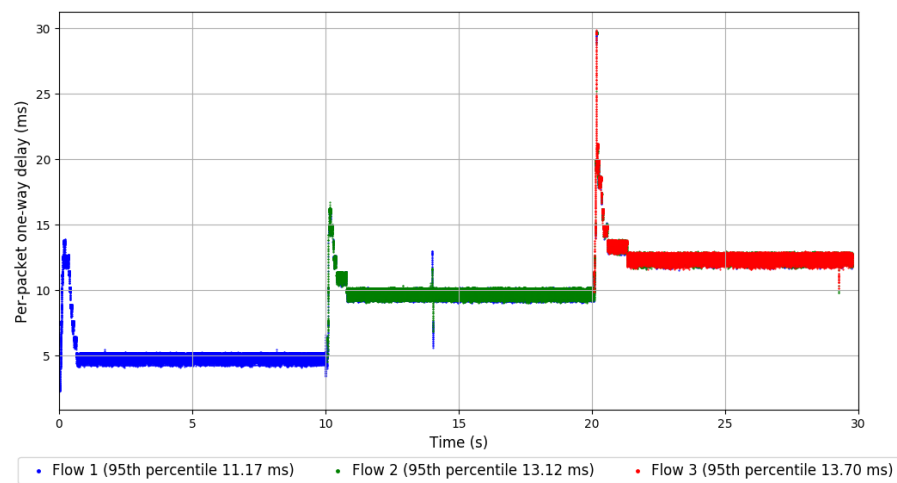
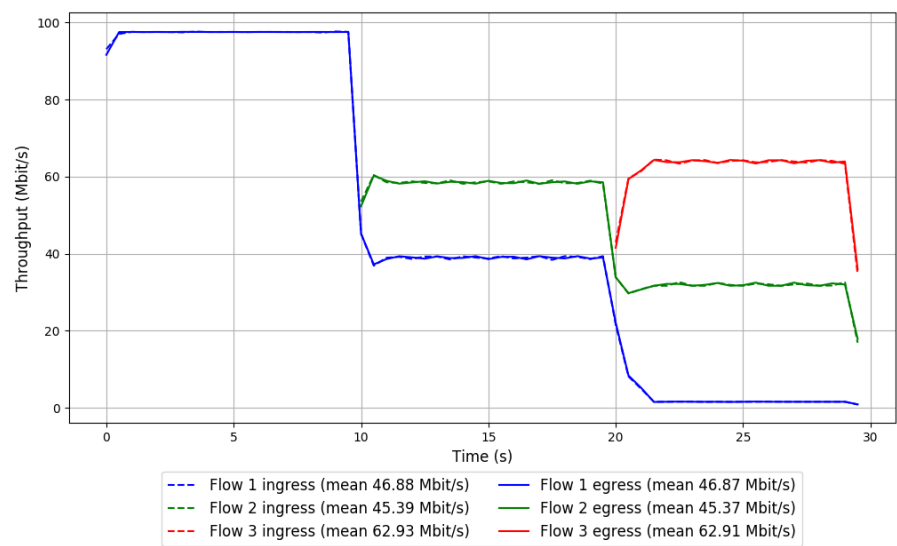


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-28 06:24:12
End at: 2018-02-28 06:24:42
Local clock offset: -5.281 ms
Remote clock offset: -7.168 ms

Below is generated by plot.py at 2018-02-28 07:39:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 12.883 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.87 Mbit/s
95th percentile per-packet one-way delay: 11.168 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 13.124 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.91 Mbit/s
95th percentile per-packet one-way delay: 13.696 ms
Loss rate: 0.00%

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

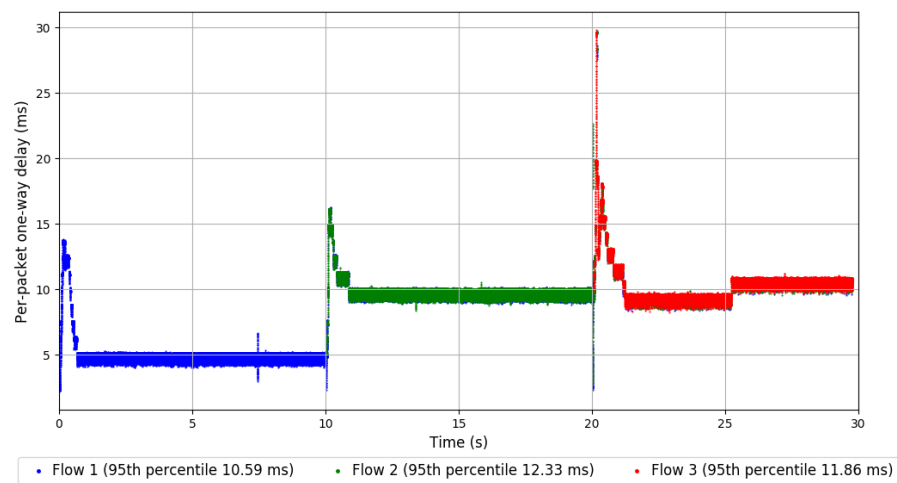
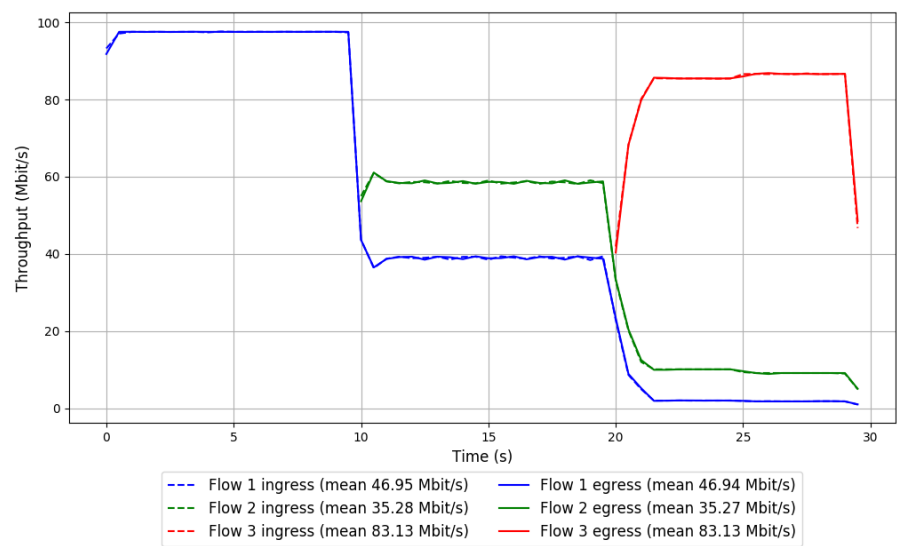


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-28 06:44:45
End at: 2018-02-28 06:45:15
Local clock offset: -5.579 ms
Remote clock offset: -6.999 ms

Below is generated by plot.py at 2018-02-28 07:39:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 11.627 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.94 Mbit/s
95th percentile per-packet one-way delay: 10.592 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.27 Mbit/s
95th percentile per-packet one-way delay: 12.330 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 11.861 ms
Loss rate: 0.00%

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

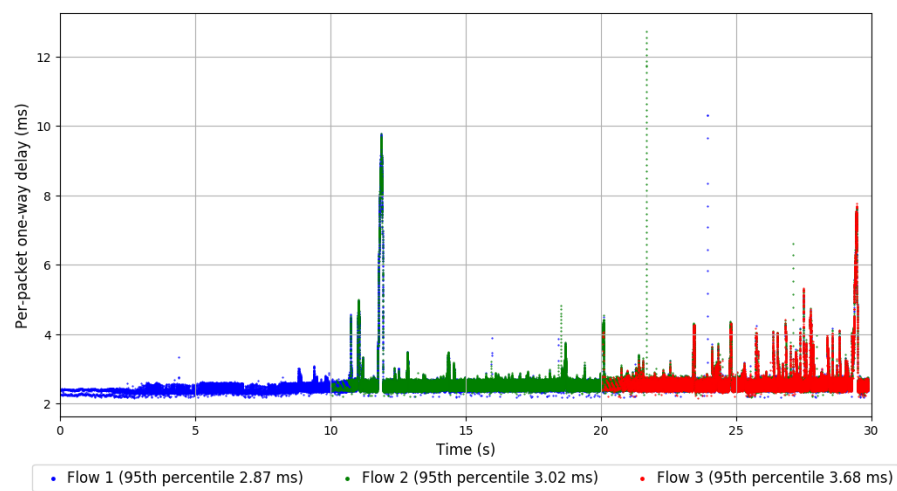
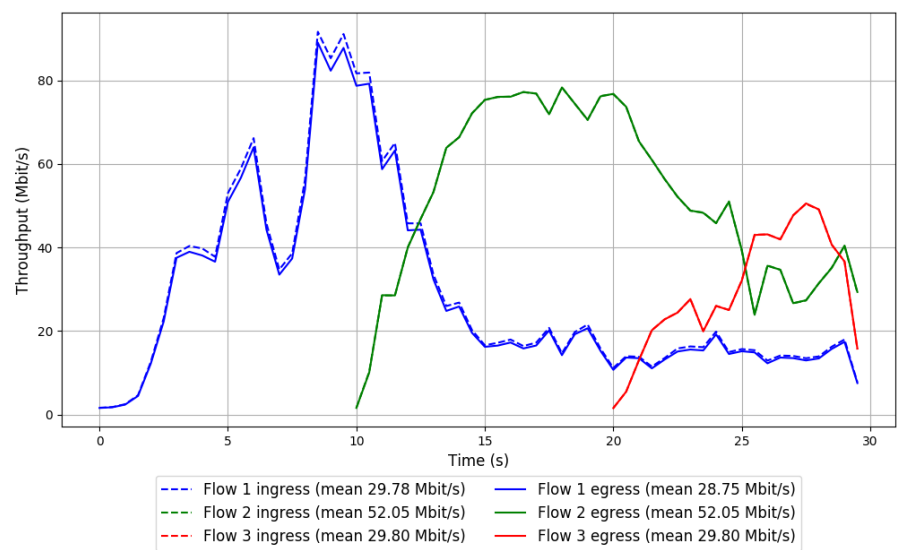


Run 1: Statistics of Vivace-latency

Start at: 2018-02-28 03:30:43
End at: 2018-02-28 03:31:13
Local clock offset: -3.998 ms
Remote clock offset: -6.809 ms

Below is generated by plot.py at 2018-02-28 07:39:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.18 Mbit/s
95th percentile per-packet one-way delay: 3.078 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 28.75 Mbit/s
95th percentile per-packet one-way delay: 2.867 ms
Loss rate: 3.45%
-- Flow 2:
Average throughput: 52.05 Mbit/s
95th percentile per-packet one-way delay: 3.015 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 3.679 ms
Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

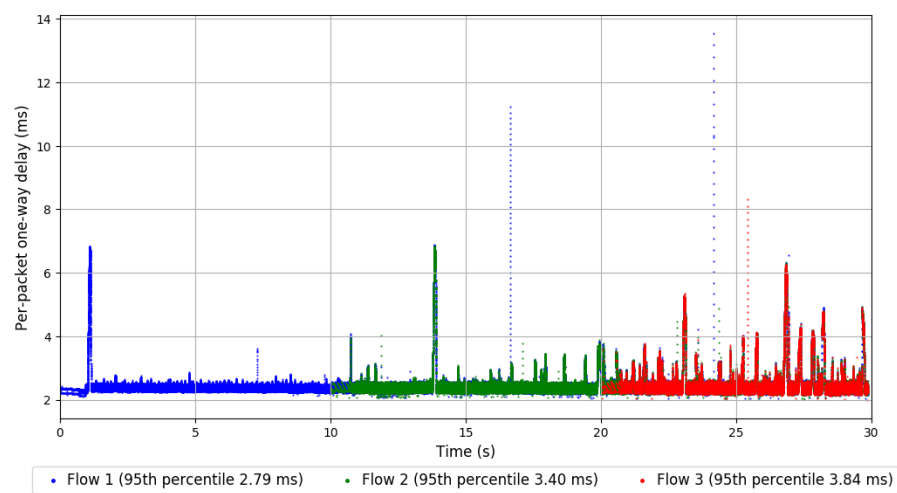
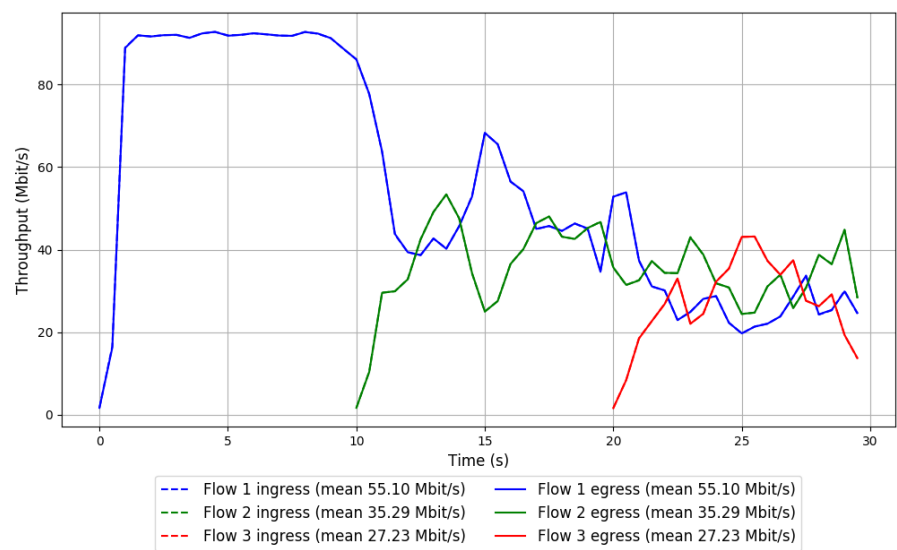


Run 2: Statistics of Vivace-latency

Start at: 2018-02-28 03:51:15
End at: 2018-02-28 03:51:45
Local clock offset: -4.971 ms
Remote clock offset: -6.774 ms

Below is generated by plot.py at 2018-02-28 07:39:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 3.119 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.10 Mbit/s
95th percentile per-packet one-way delay: 2.789 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: 3.400 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.23 Mbit/s
95th percentile per-packet one-way delay: 3.836 ms
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link

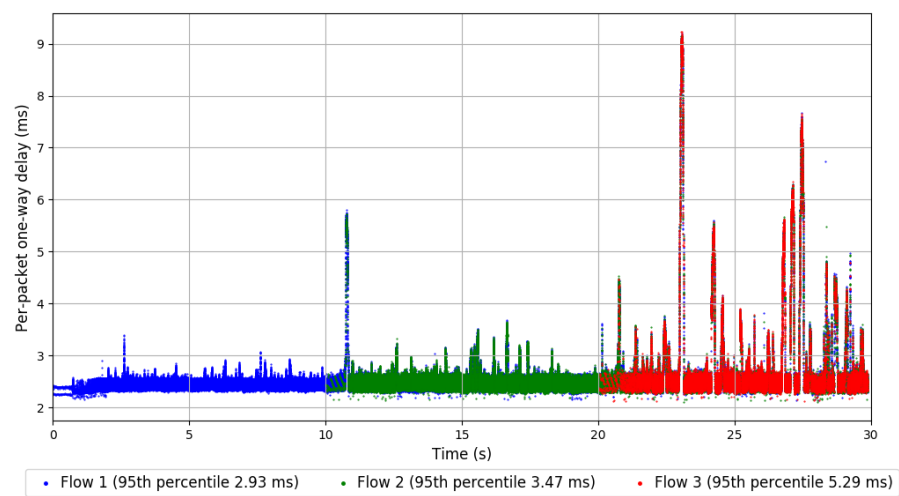
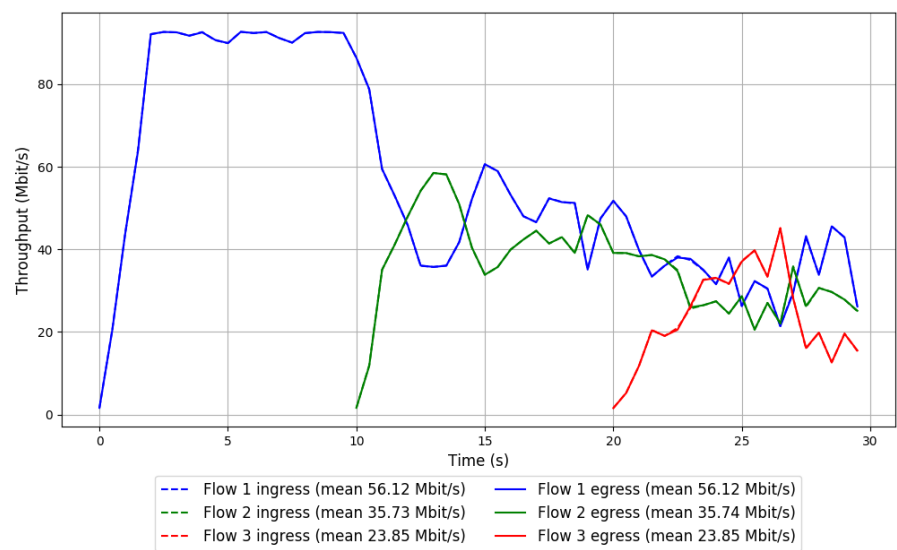


Run 3: Statistics of Vivace-latency

Start at: 2018-02-28 04:11:47
End at: 2018-02-28 04:12:17
Local clock offset: -6.882 ms
Remote clock offset: -6.822 ms

Below is generated by plot.py at 2018-02-28 07:40:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.74 Mbit/s
95th percentile per-packet one-way delay: 3.299 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.12 Mbit/s
95th percentile per-packet one-way delay: 2.931 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.74 Mbit/s
95th percentile per-packet one-way delay: 3.469 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 5.290 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link

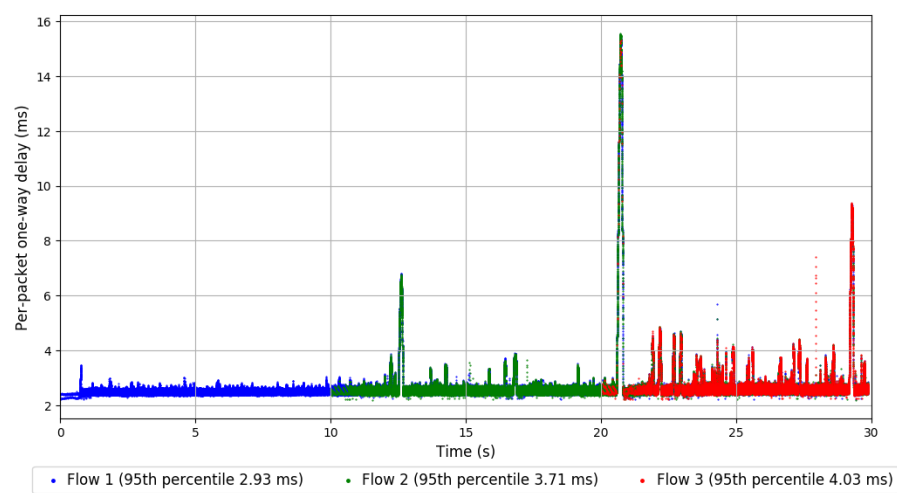
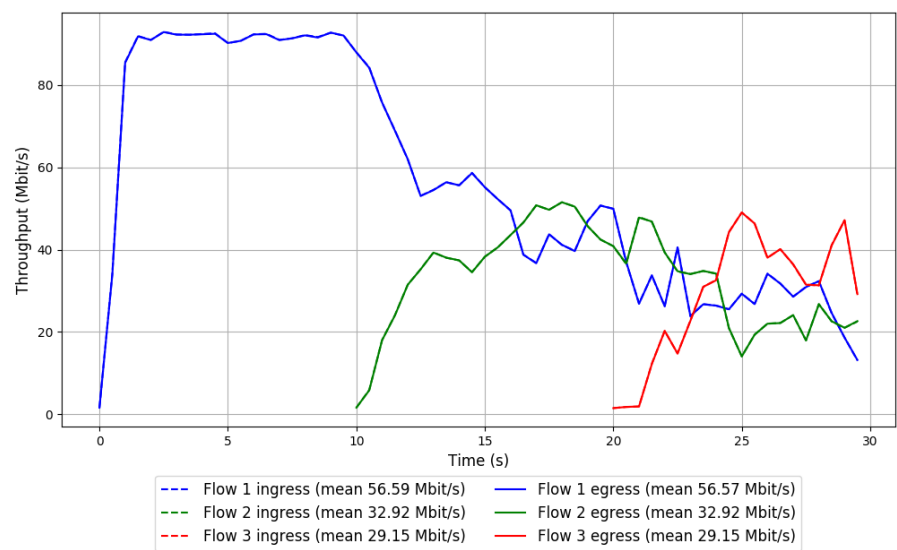


Run 4: Statistics of Vivace-latency

Start at: 2018-02-28 04:32:20
End at: 2018-02-28 04:32:50
Local clock offset: -4.399 ms
Remote clock offset: -6.945 ms

Below is generated by plot.py at 2018-02-28 07:40:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.05 Mbit/s
95th percentile per-packet one-way delay: 3.366 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 2.932 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 32.92 Mbit/s
95th percentile per-packet one-way delay: 3.705 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 4.027 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

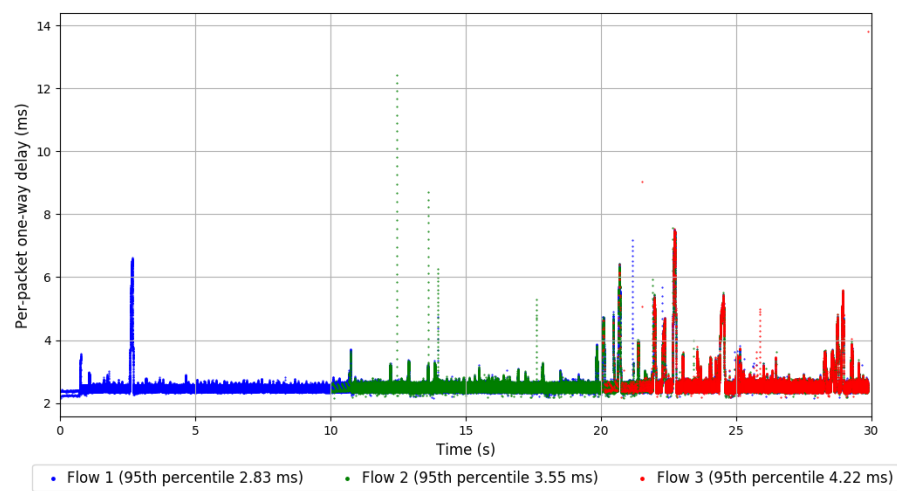
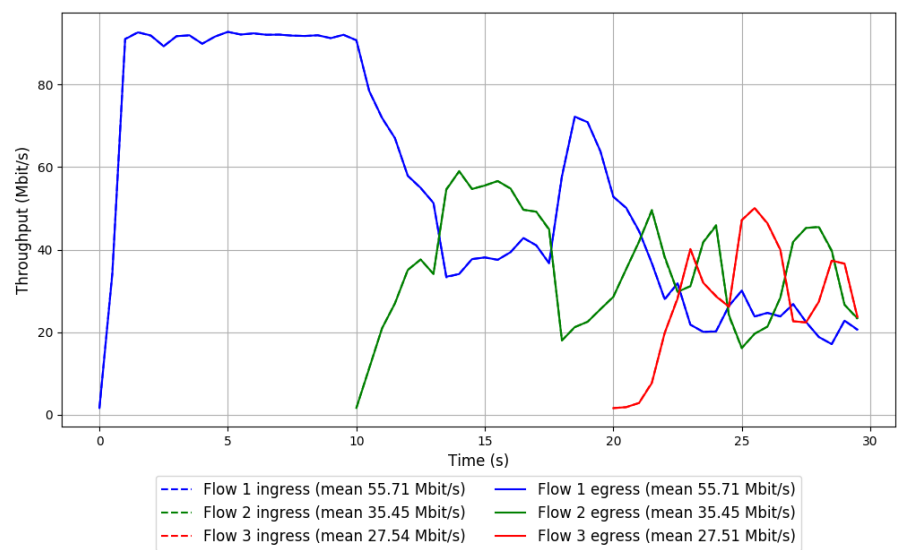


Run 5: Statistics of Vivace-latency

Start at: 2018-02-28 04:52:53
End at: 2018-02-28 04:53:23
Local clock offset: -3.347 ms
Remote clock offset: -6.937 ms

Below is generated by plot.py at 2018-02-28 07:41:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.34 Mbit/s
95th percentile per-packet one-way delay: 3.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.71 Mbit/s
95th percentile per-packet one-way delay: 2.834 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 3.550 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.51 Mbit/s
95th percentile per-packet one-way delay: 4.218 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

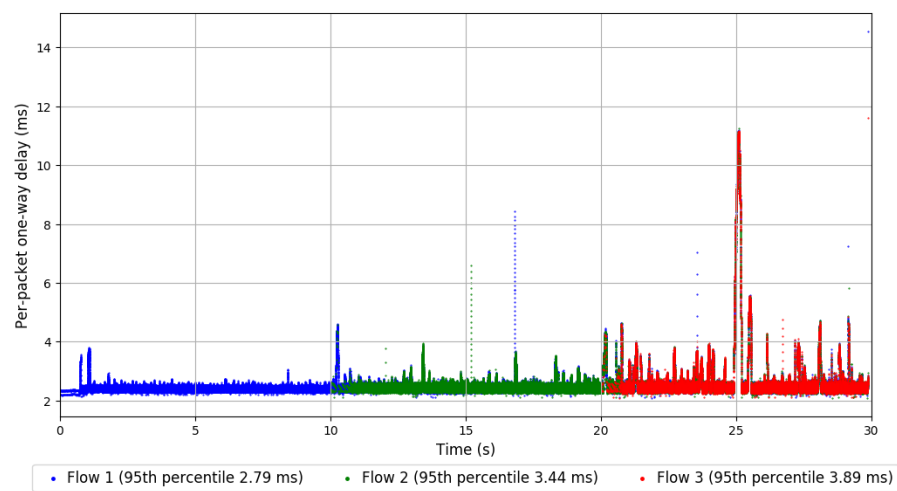
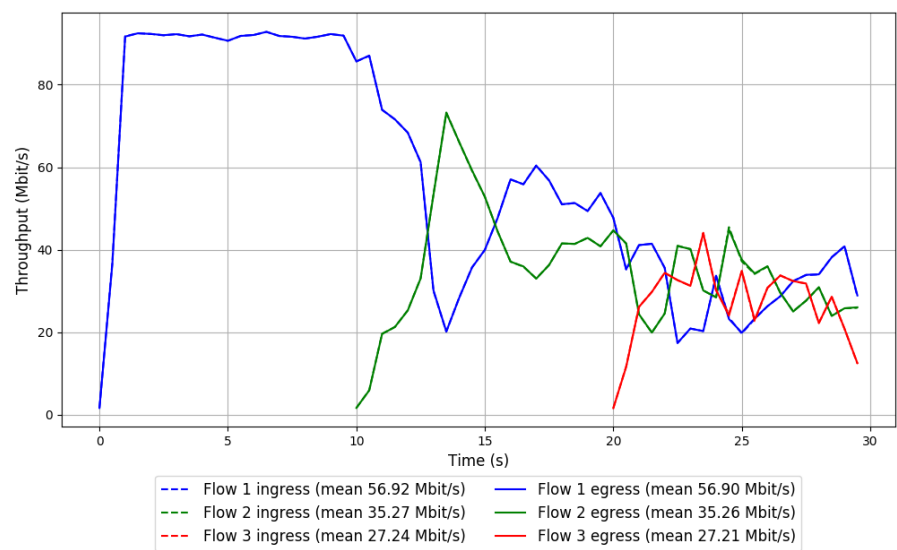


Run 6: Statistics of Vivace-latency

Start at: 2018-02-28 05:13:25
End at: 2018-02-28 05:13:55
Local clock offset: -5.323 ms
Remote clock offset: -6.973 ms

Below is generated by plot.py at 2018-02-28 07:41:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.32 Mbit/s
95th percentile per-packet one-way delay: 3.161 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.90 Mbit/s
95th percentile per-packet one-way delay: 2.789 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.21 Mbit/s
95th percentile per-packet one-way delay: 3.893 ms
Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link

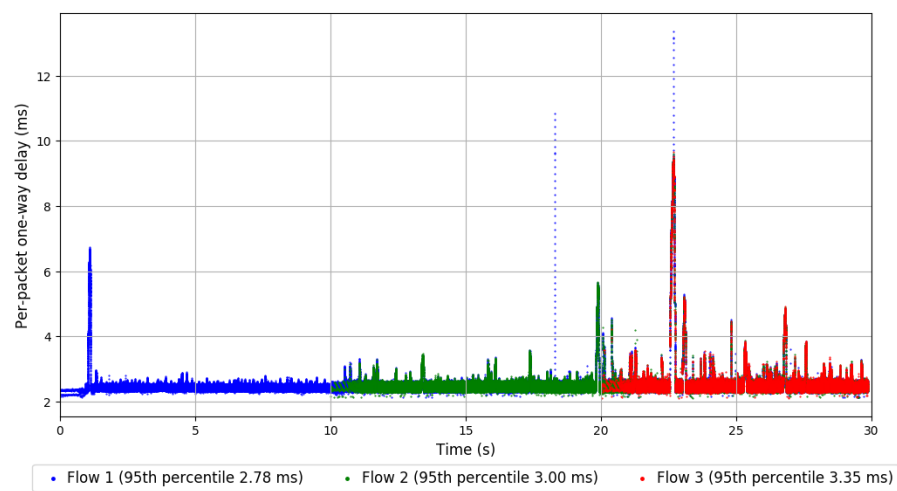
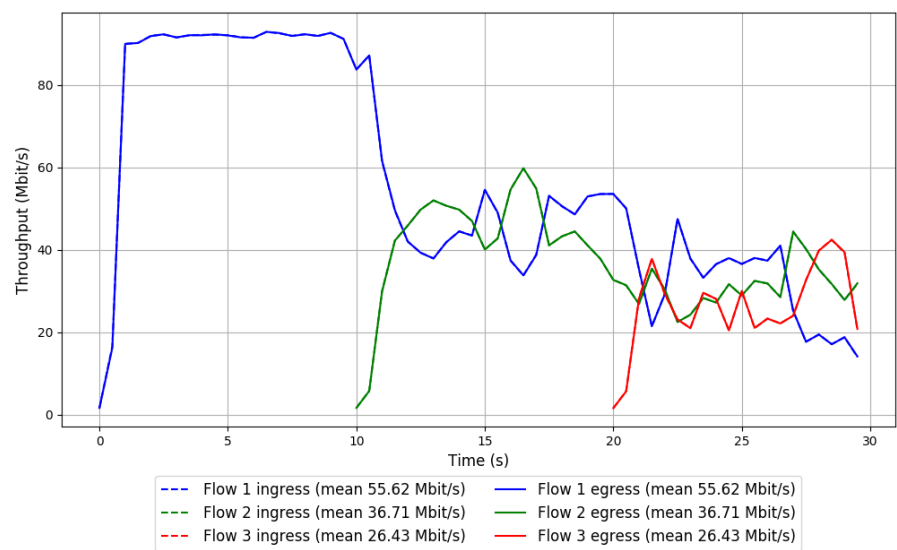


Run 7: Statistics of Vivace-latency

Start at: 2018-02-28 05:33:57
End at: 2018-02-28 05:34:27
Local clock offset: -6.016 ms
Remote clock offset: -6.498 ms

```
# Below is generated by plot.py at 2018-02-28 07:41:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 2.918 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.62 Mbit/s
95th percentile per-packet one-way delay: 2.783 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.71 Mbit/s
95th percentile per-packet one-way delay: 3.000 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.43 Mbit/s
95th percentile per-packet one-way delay: 3.345 ms
Loss rate: 0.00%
```

Run 7: Report of Vivace-latency — Data Link

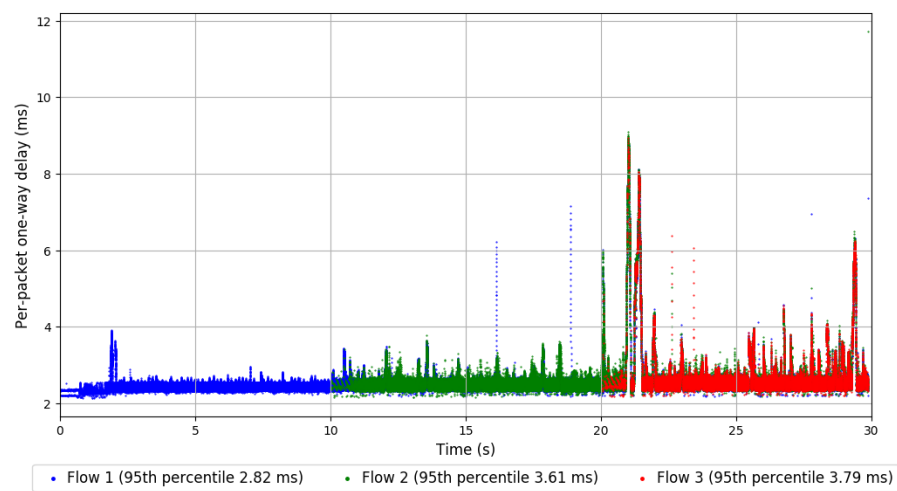
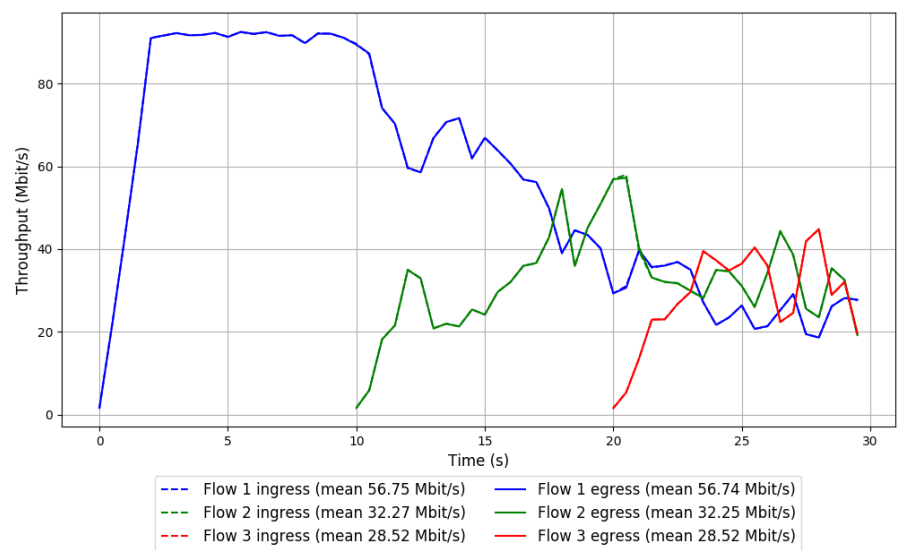


Run 8: Statistics of Vivace-latency

Start at: 2018-02-28 05:54:30
End at: 2018-02-28 05:55:00
Local clock offset: -6.53 ms
Remote clock offset: -6.272 ms

Below is generated by plot.py at 2018-02-28 07:41:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.58 Mbit/s
95th percentile per-packet one-way delay: 3.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 2.820 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 3.608 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.52 Mbit/s
95th percentile per-packet one-way delay: 3.793 ms
Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link

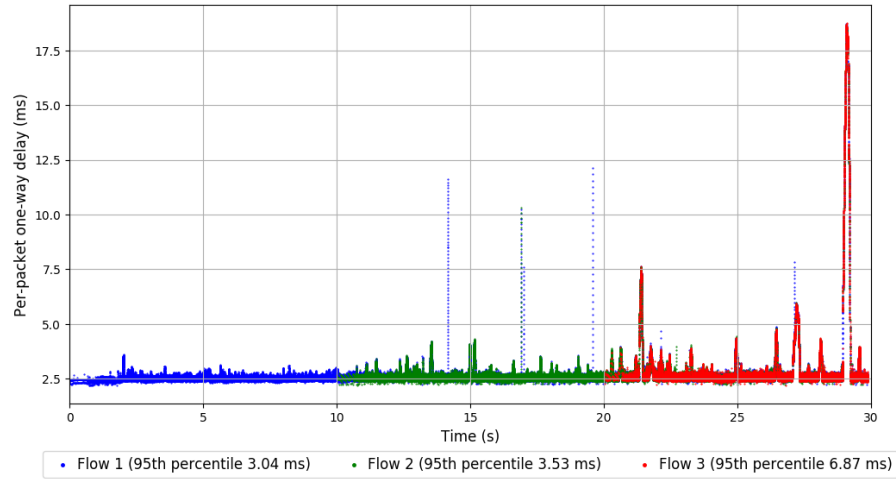
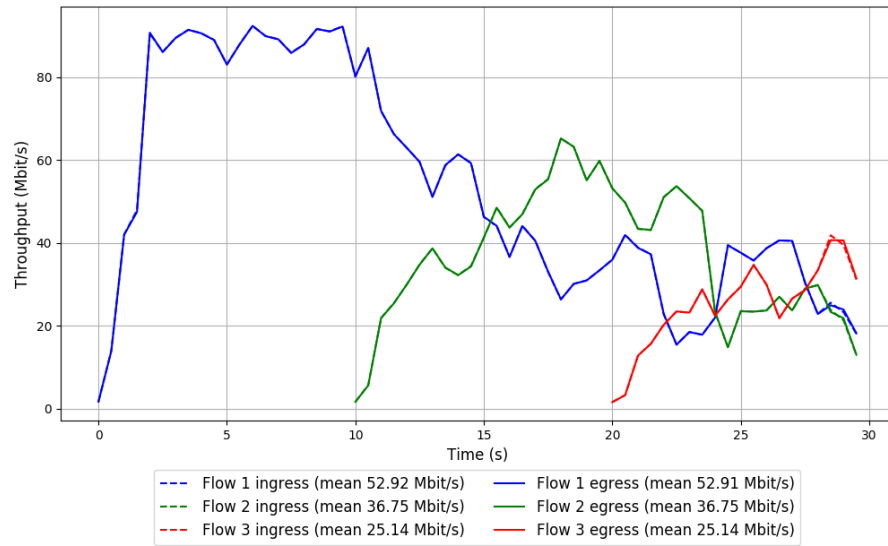


Run 9: Statistics of Vivace-latency

Start at: 2018-02-28 06:15:03
End at: 2018-02-28 06:15:33
Local clock offset: -5.528 ms
Remote clock offset: -7.125 ms

Below is generated by plot.py at 2018-02-28 07:41:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: 3.407 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.91 Mbit/s
95th percentile per-packet one-way delay: 3.037 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.75 Mbit/s
95th percentile per-packet one-way delay: 3.532 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: 6.868 ms
Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

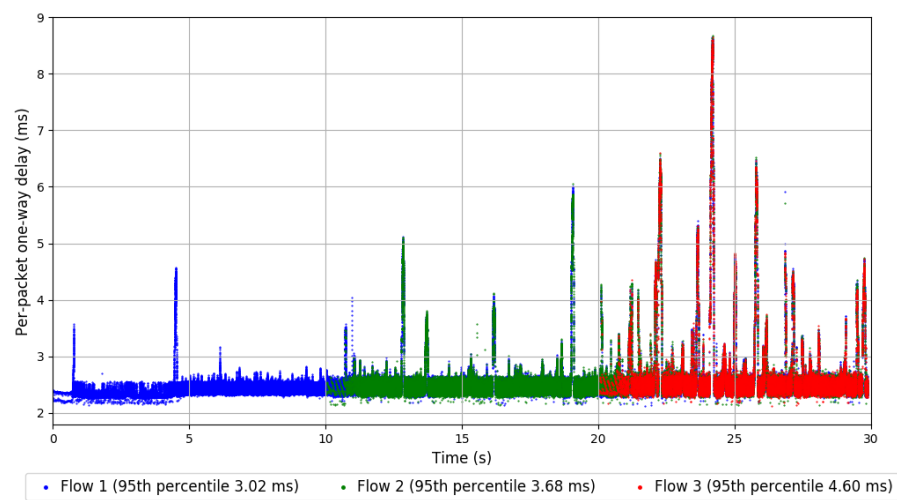
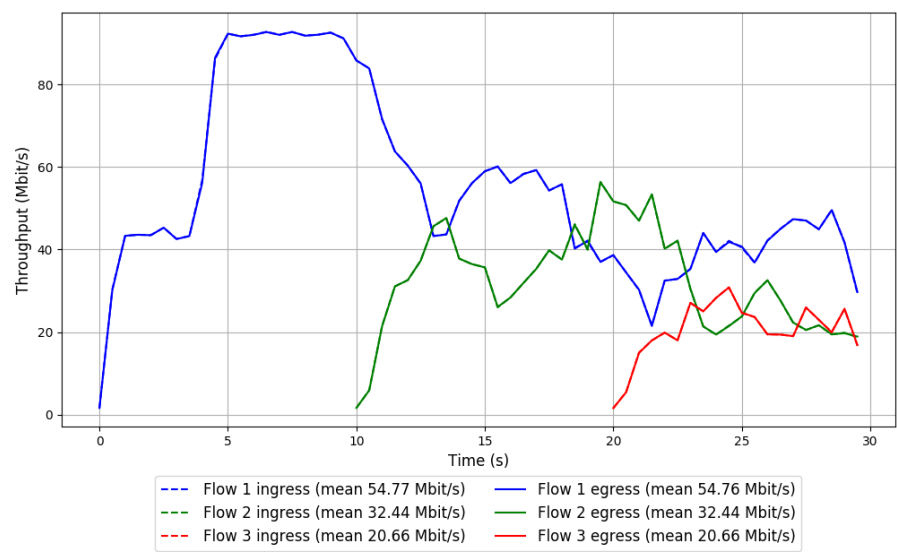


Run 10: Statistics of Vivace-latency

Start at: 2018-02-28 06:35:35
End at: 2018-02-28 06:36:05
Local clock offset: -5.196 ms
Remote clock offset: -7.103 ms

Below is generated by plot.py at 2018-02-28 07:41:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.15 Mbit/s
95th percentile per-packet one-way delay: 3.386 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 54.76 Mbit/s
95th percentile per-packet one-way delay: 3.018 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 32.44 Mbit/s
95th percentile per-packet one-way delay: 3.678 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.66 Mbit/s
95th percentile per-packet one-way delay: 4.604 ms
Loss rate: 0.00%

Run 10: Report of Vivace-latency — Data Link

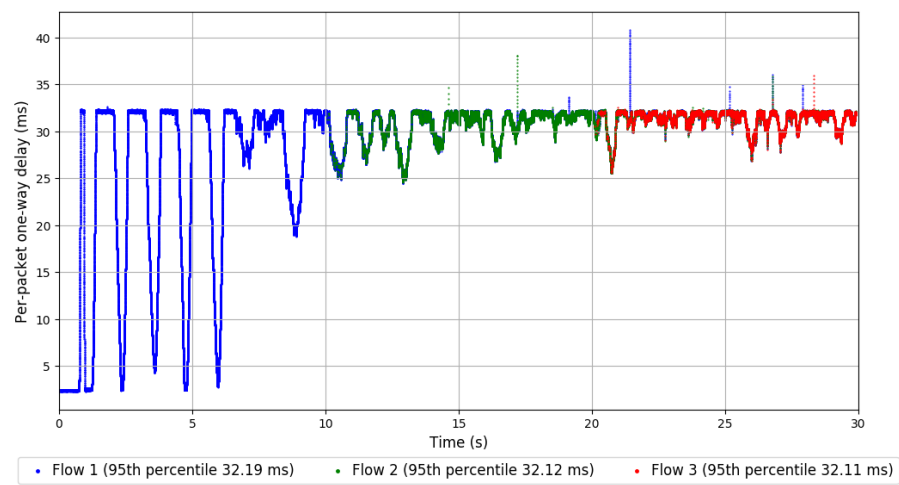
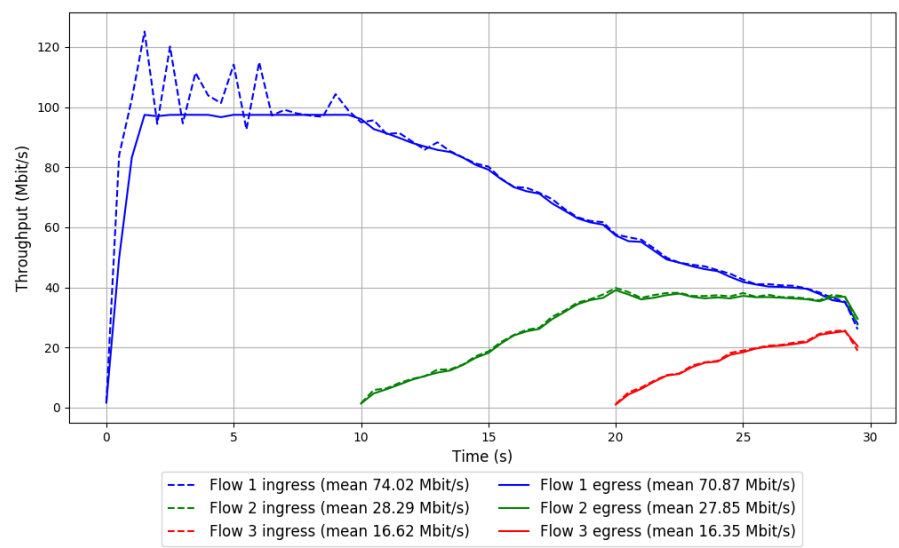


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-28 03:28:25
End at: 2018-02-28 03:28:55
Local clock offset: -4.103 ms
Remote clock offset: -6.792 ms

# Below is generated by plot.py at 2018-02-28 07:42:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 32.176 ms
Loss rate: 3.53%
-- Flow 1:
Average throughput: 70.87 Mbit/s
95th percentile per-packet one-way delay: 32.188 ms
Loss rate: 4.17%
-- Flow 2:
Average throughput: 27.85 Mbit/s
95th percentile per-packet one-way delay: 32.119 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 16.35 Mbit/s
95th percentile per-packet one-way delay: 32.113 ms
Loss rate: 1.63%
```

Run 1: Report of Vivace-loss — Data Link

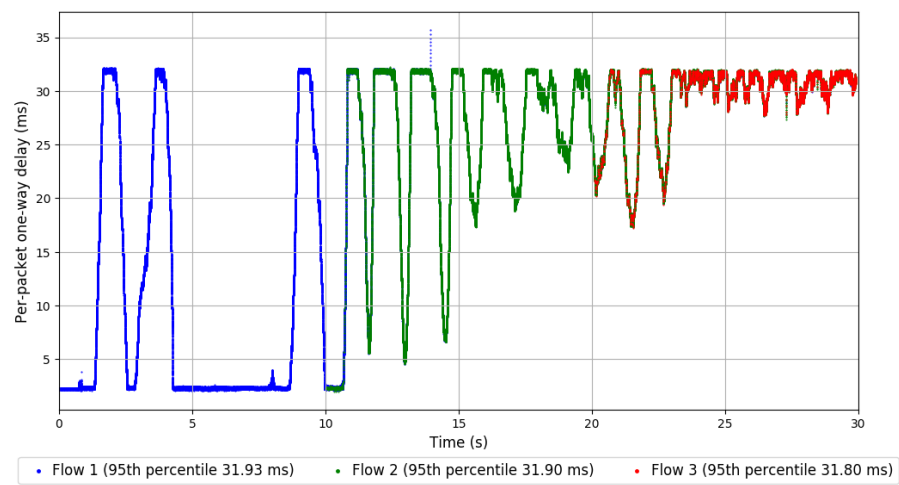
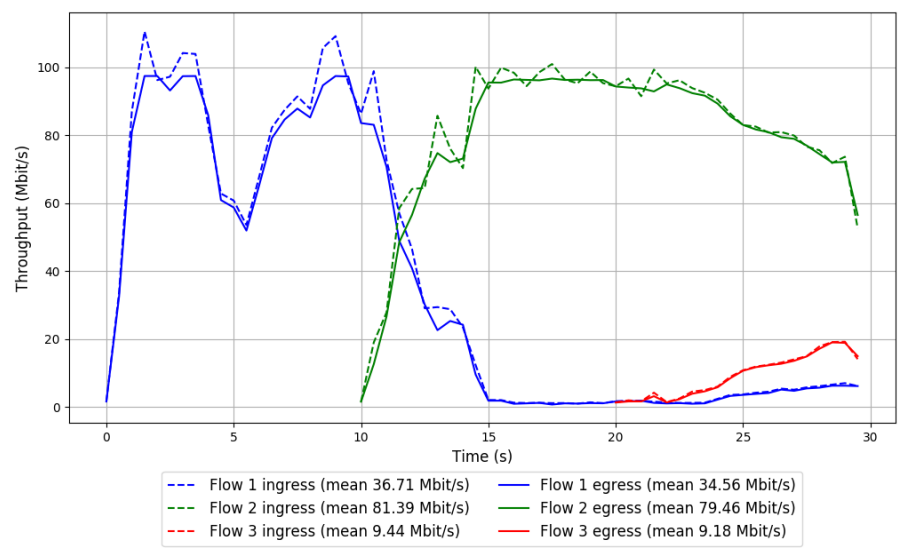


Run 2: Statistics of Vivace-loss

Start at: 2018-02-28 03:48:57
End at: 2018-02-28 03:49:27
Local clock offset: -4.45 ms
Remote clock offset: -6.773 ms

Below is generated by plot.py at 2018-02-28 07:42:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.44 Mbit/s
95th percentile per-packet one-way delay: 31.911 ms
Loss rate: 3.64%
-- Flow 1:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 31.935 ms
Loss rate: 5.79%
-- Flow 2:
Average throughput: 79.46 Mbit/s
95th percentile per-packet one-way delay: 31.900 ms
Loss rate: 2.23%
-- Flow 3:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 31.799 ms
Loss rate: 2.64%

Run 2: Report of Vivace-loss — Data Link

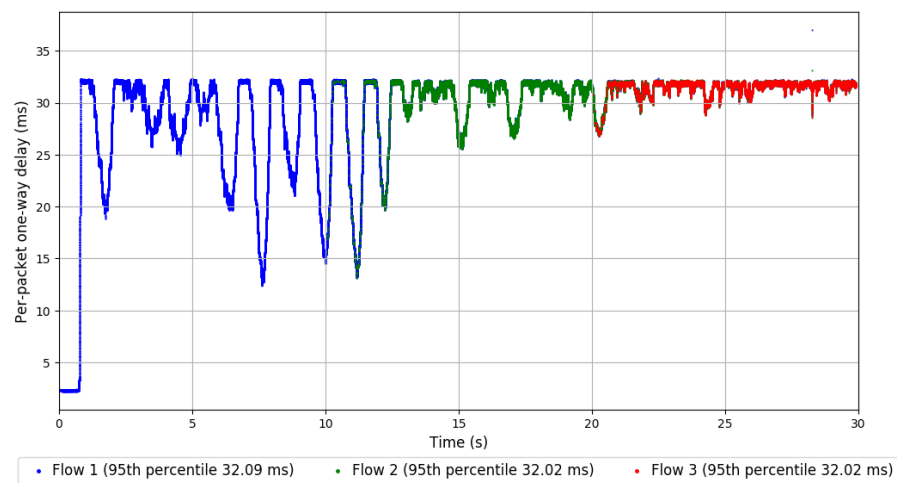
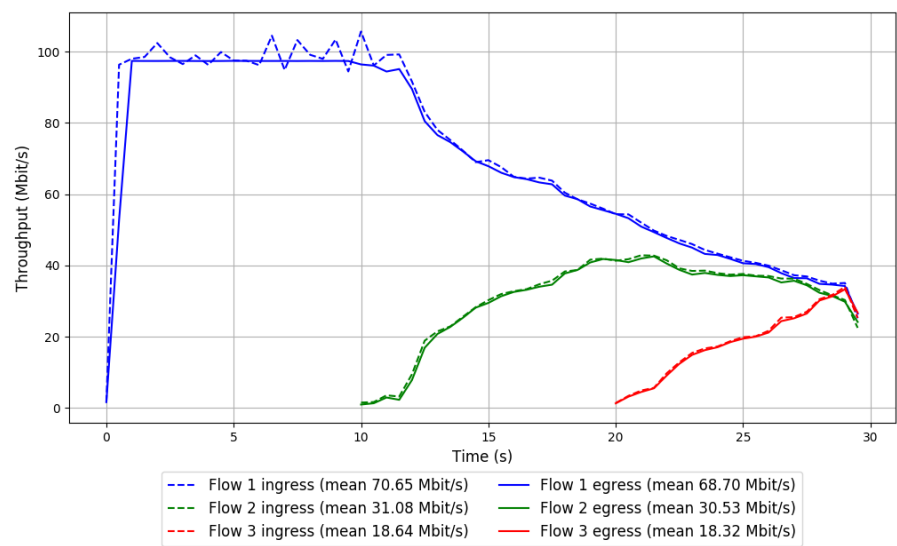


Run 3: Statistics of Vivace-loss

Start at: 2018-02-28 04:09:29
End at: 2018-02-28 04:09:59
Local clock offset: -6.752 ms
Remote clock offset: -6.809 ms

Below is generated by plot.py at 2018-02-28 07:42:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 32.071 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 68.70 Mbit/s
95th percentile per-packet one-way delay: 32.085 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 32.021 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 18.32 Mbit/s
95th percentile per-packet one-way delay: 32.015 ms
Loss rate: 1.70%

Run 3: Report of Vivace-loss — Data Link

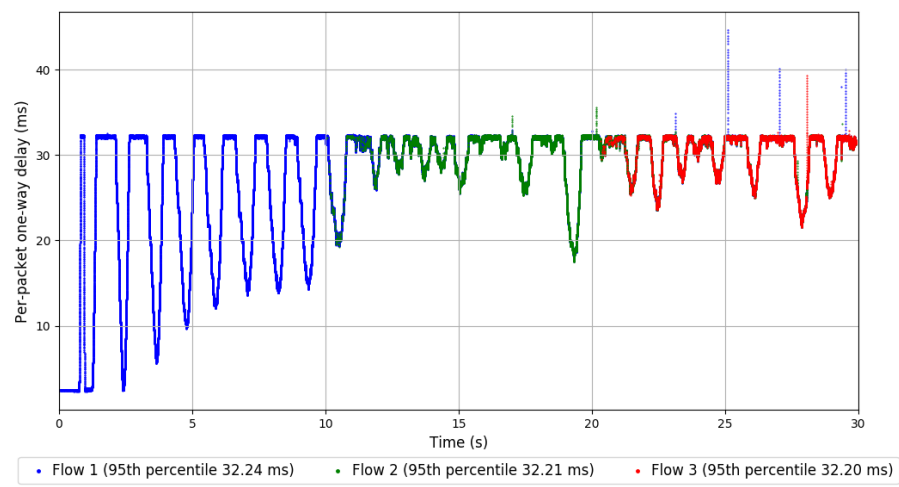
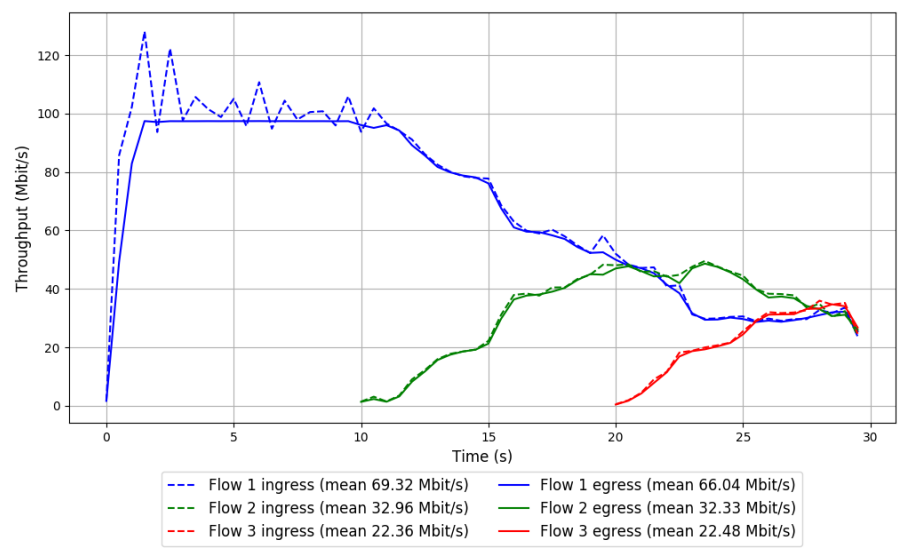


Run 4: Statistics of Vivace-loss

Start at: 2018-02-28 04:30:02
End at: 2018-02-28 04:30:32
Local clock offset: -4.686 ms
Remote clock offset: -6.866 ms

Below is generated by plot.py at 2018-02-28 07:42:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 32.230 ms
Loss rate: 3.83%
-- Flow 1:
Average throughput: 66.04 Mbit/s
95th percentile per-packet one-way delay: 32.237 ms
Loss rate: 4.63%
-- Flow 2:
Average throughput: 32.33 Mbit/s
95th percentile per-packet one-way delay: 32.208 ms
Loss rate: 1.91%
-- Flow 3:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 32.204 ms
Loss rate: 2.04%

Run 4: Report of Vivace-loss — Data Link

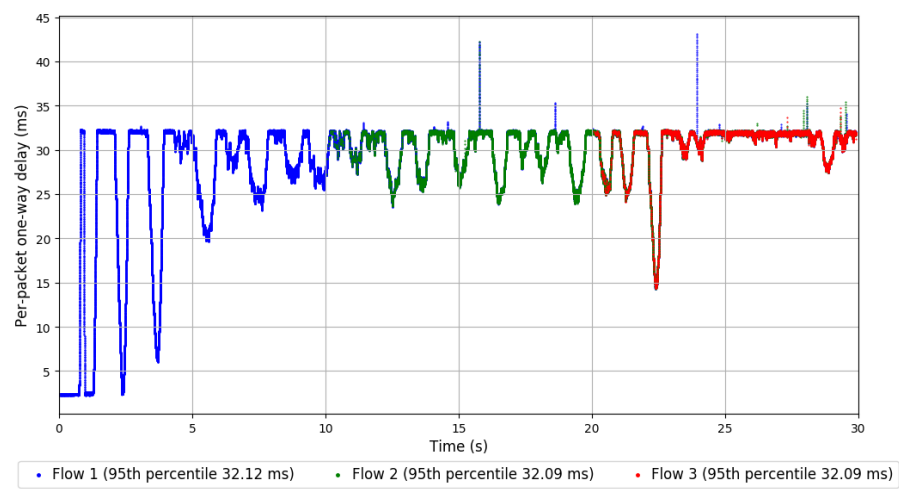
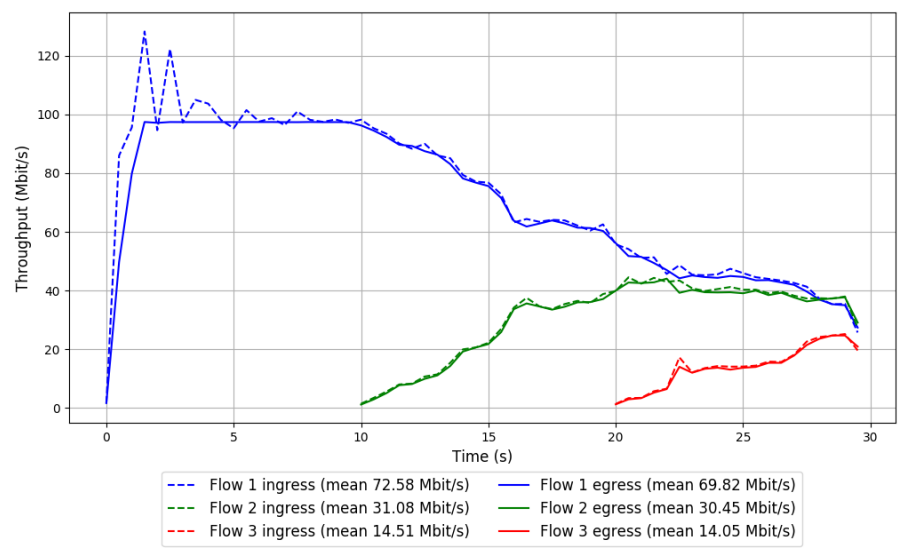


Run 5: Statistics of Vivace-loss

Start at: 2018-02-28 04:50:34
End at: 2018-02-28 04:51:04
Local clock offset: -3.396 ms
Remote clock offset: -6.915 ms

Below is generated by plot.py at 2018-02-28 07:42:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 32.115 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 69.82 Mbit/s
95th percentile per-packet one-way delay: 32.123 ms
Loss rate: 3.71%
-- Flow 2:
Average throughput: 30.45 Mbit/s
95th percentile per-packet one-way delay: 32.089 ms
Loss rate: 2.00%
-- Flow 3:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 32.092 ms
Loss rate: 3.19%

Run 5: Report of Vivace-loss — Data Link

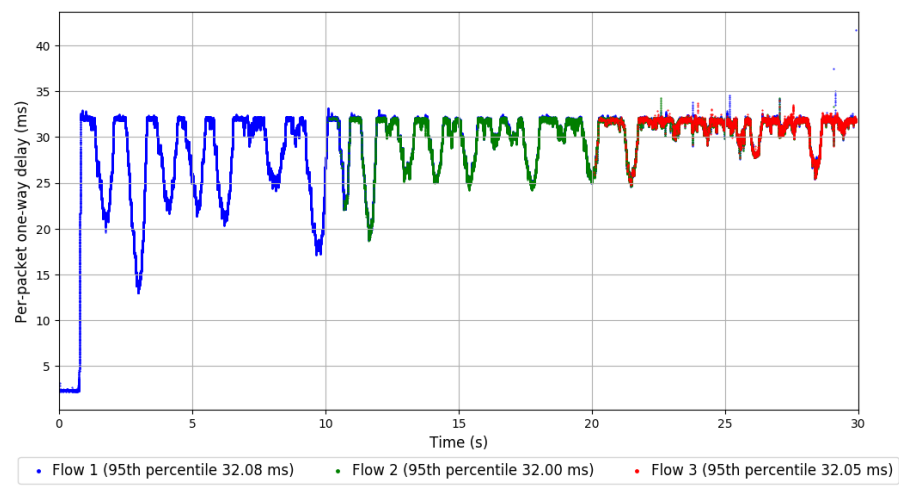
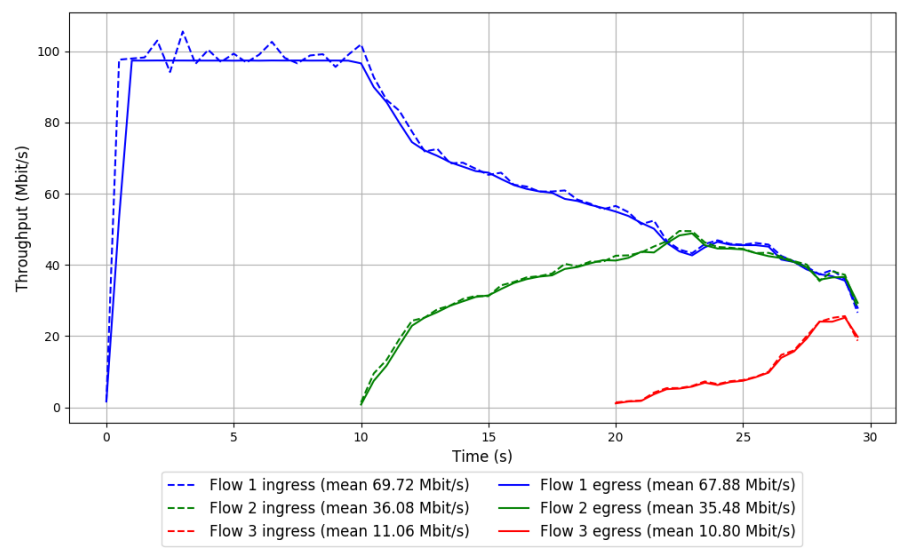


Run 6: Statistics of Vivace-loss

Start at: 2018-02-28 05:11:07
End at: 2018-02-28 05:11:37
Local clock offset: -5.218 ms
Remote clock offset: -6.963 ms

Below is generated by plot.py at 2018-02-28 07:42:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.00 Mbit/s
95th percentile per-packet one-way delay: 32.063 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 67.88 Mbit/s
95th percentile per-packet one-way delay: 32.079 ms
Loss rate: 2.51%
-- Flow 2:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 31.996 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 10.80 Mbit/s
95th percentile per-packet one-way delay: 32.051 ms
Loss rate: 2.36%

Run 6: Report of Vivace-loss — Data Link

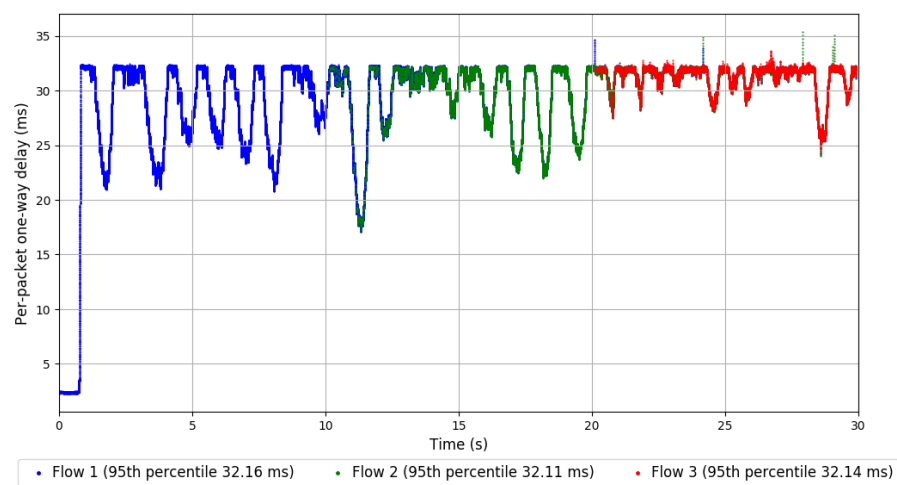
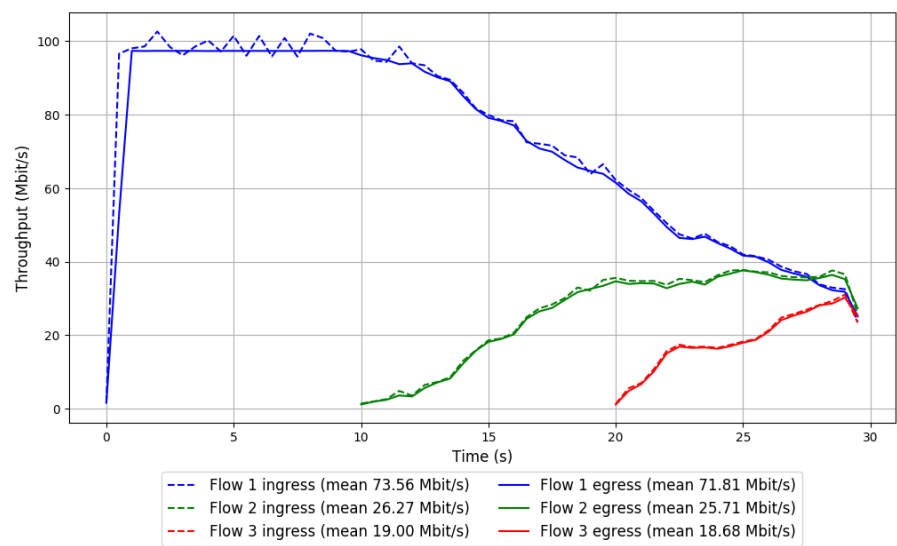


Run 7: Statistics of Vivace-loss

Start at: 2018-02-28 05:31:38
End at: 2018-02-28 05:32:08
Local clock offset: -6.012 ms
Remote clock offset: -6.509 ms

Below is generated by plot.py at 2018-02-28 07:42:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 32.156 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 71.81 Mbit/s
95th percentile per-packet one-way delay: 32.164 ms
Loss rate: 2.28%
-- Flow 2:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 32.114 ms
Loss rate: 2.13%
-- Flow 3:
Average throughput: 18.68 Mbit/s
95th percentile per-packet one-way delay: 32.137 ms
Loss rate: 1.73%

Run 7: Report of Vivace-loss — Data Link

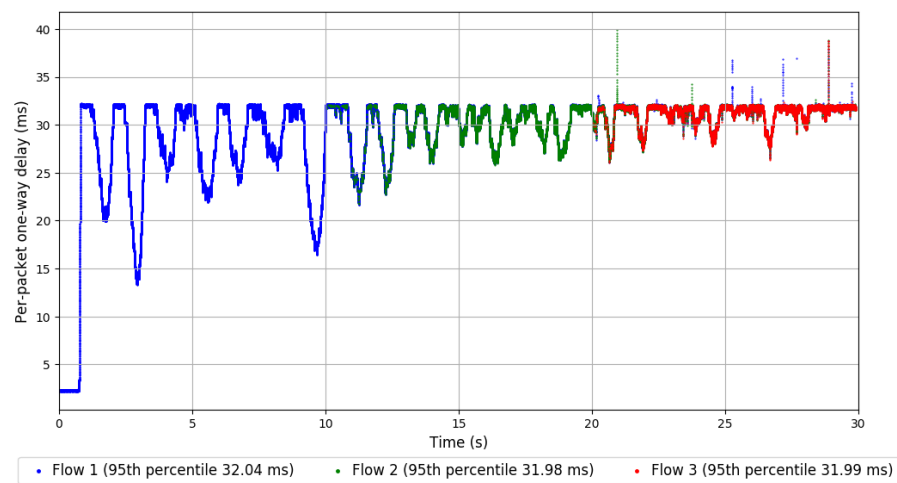
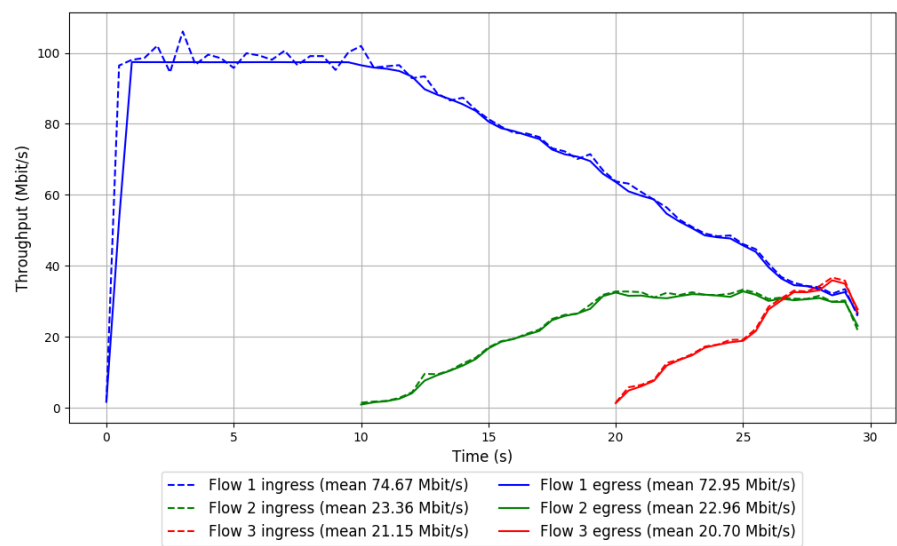


Run 8: Statistics of Vivace-loss

Start at: 2018-02-28 05:52:12
End at: 2018-02-28 05:52:42
Local clock offset: -6.498 ms
Remote clock offset: -6.347 ms

Below is generated by plot.py at 2018-02-28 07:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 32.028 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 72.95 Mbit/s
95th percentile per-packet one-way delay: 32.038 ms
Loss rate: 2.21%
-- Flow 2:
Average throughput: 22.96 Mbit/s
95th percentile per-packet one-way delay: 31.976 ms
Loss rate: 1.71%
-- Flow 3:
Average throughput: 20.70 Mbit/s
95th percentile per-packet one-way delay: 31.991 ms
Loss rate: 2.10%

Run 8: Report of Vivace-loss — Data Link

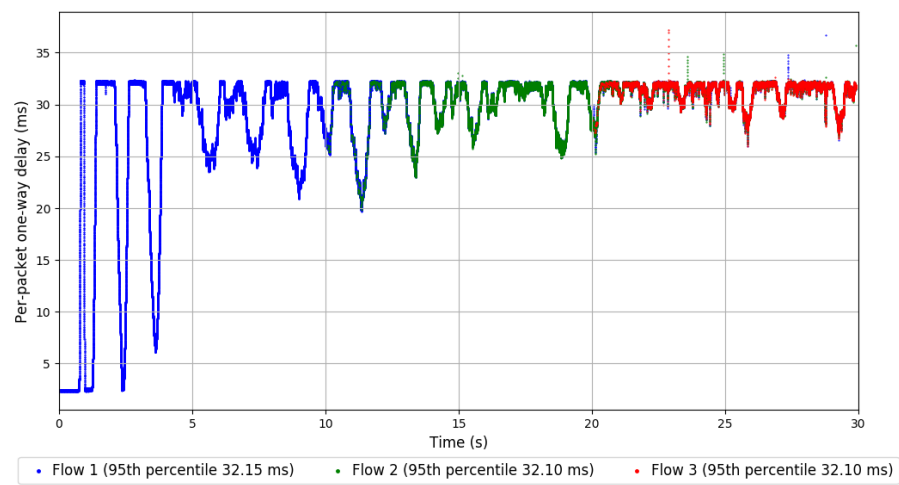
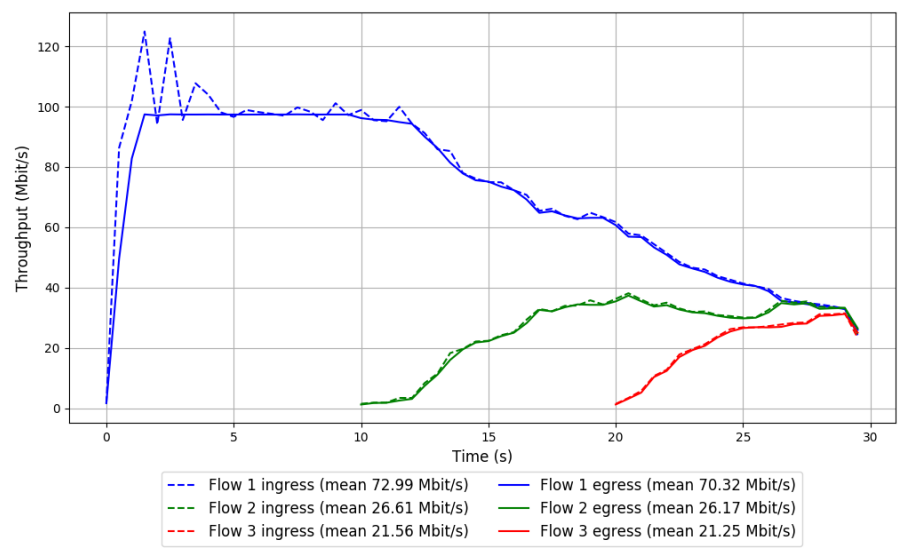


Run 9: Statistics of Vivace-loss

Start at: 2018-02-28 06:12:45
End at: 2018-02-28 06:13:15
Local clock offset: -5.623 ms
Remote clock offset: -7.087 ms

Below is generated by plot.py at 2018-02-28 07:43:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 32.142 ms
Loss rate: 3.06%
-- Flow 1:
Average throughput: 70.32 Mbit/s
95th percentile per-packet one-way delay: 32.152 ms
Loss rate: 3.56%
-- Flow 2:
Average throughput: 26.17 Mbit/s
95th percentile per-packet one-way delay: 32.100 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 21.25 Mbit/s
95th percentile per-packet one-way delay: 32.098 ms
Loss rate: 1.43%

Run 9: Report of Vivace-loss — Data Link

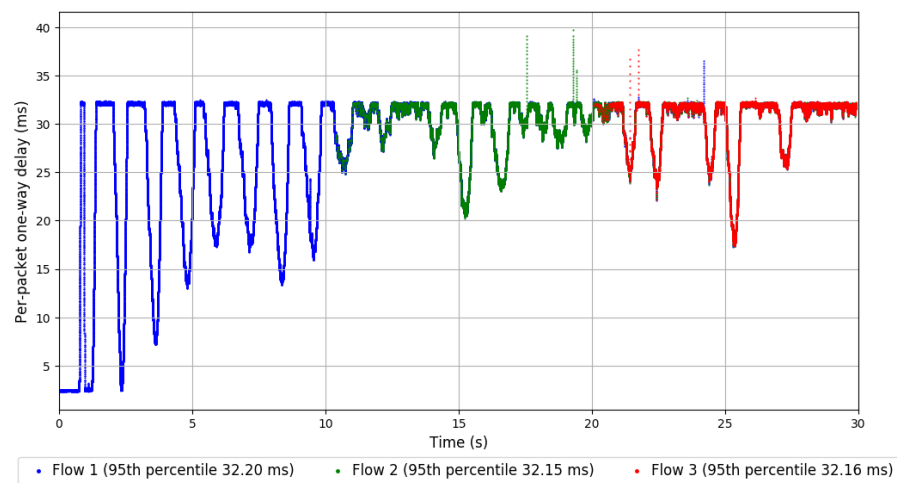
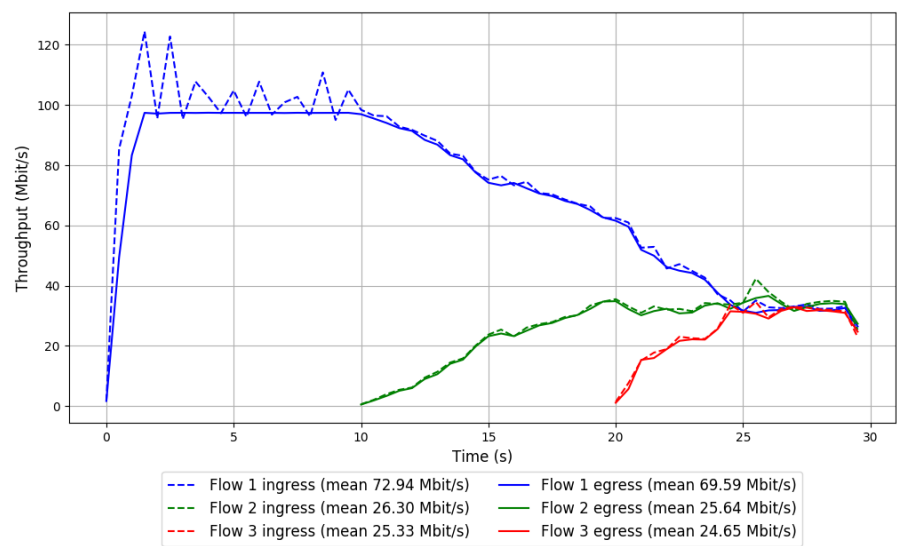


Run 10: Statistics of Vivace-loss

Start at: 2018-02-28 06:33:17
End at: 2018-02-28 06:33:47
Local clock offset: -5.299 ms
Remote clock offset: -7.144 ms

Below is generated by plot.py at 2018-02-28 07:43:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.73 Mbit/s
95th percentile per-packet one-way delay: 32.186 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 69.59 Mbit/s
95th percentile per-packet one-way delay: 32.195 ms
Loss rate: 4.51%
-- Flow 2:
Average throughput: 25.64 Mbit/s
95th percentile per-packet one-way delay: 32.146 ms
Loss rate: 2.51%
-- Flow 3:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 32.155 ms
Loss rate: 2.68%

Run 10: Report of Vivace-loss — Data Link

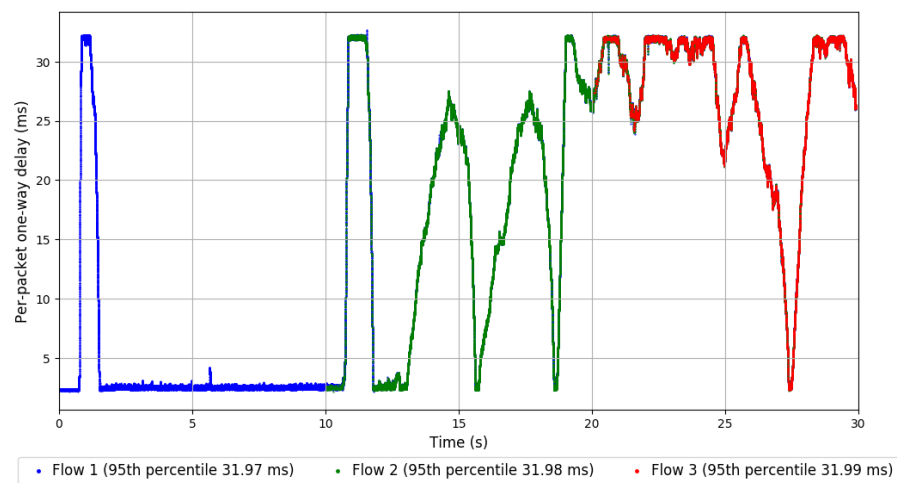
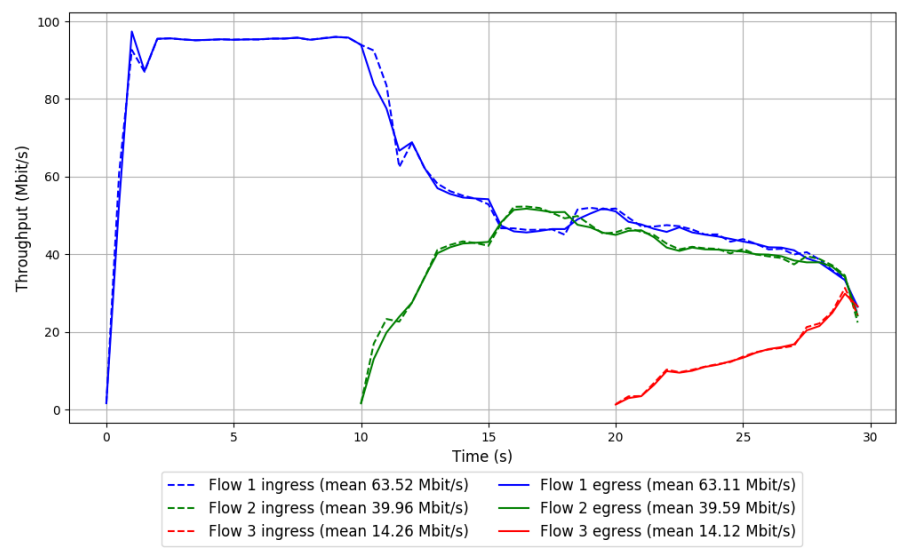


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-28 03:42:07
End at: 2018-02-28 03:42:37
Local clock offset: -3.74 ms
Remote clock offset: -6.791 ms

Below is generated by plot.py at 2018-02-28 07:44:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 31.974 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 63.11 Mbit/s
95th percentile per-packet one-way delay: 31.969 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 39.59 Mbit/s
95th percentile per-packet one-way delay: 31.979 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 31.994 ms
Loss rate: 0.99%

Run 1: Report of Vivace-LTE — Data Link

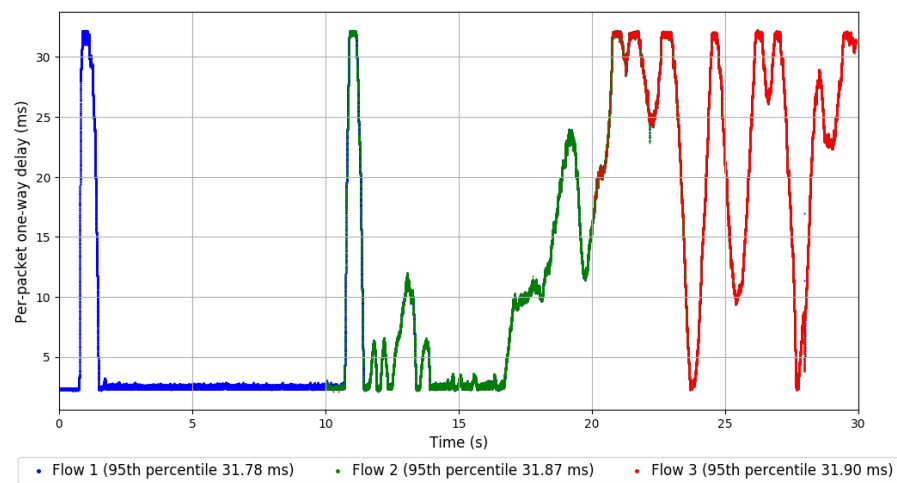
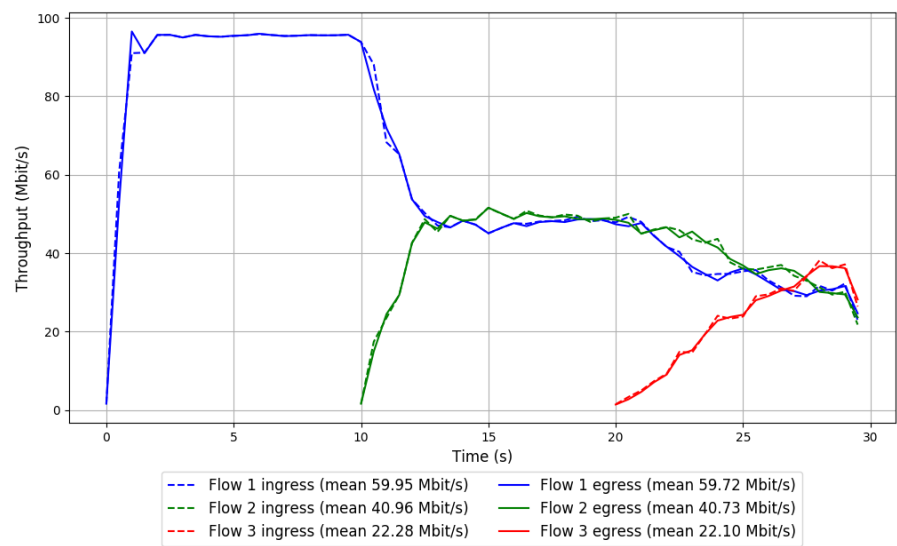


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-28 04:02:40
End at: 2018-02-28 04:03:10
Local clock offset: -6.32 ms
Remote clock offset: -6.814 ms

Below is generated by plot.py at 2018-02-28 07:44:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.11 Mbit/s
95th percentile per-packet one-way delay: 31.838 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 59.72 Mbit/s
95th percentile per-packet one-way delay: 31.778 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 31.869 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 31.903 ms
Loss rate: 0.66%

Run 2: Report of Vivace-LTE — Data Link

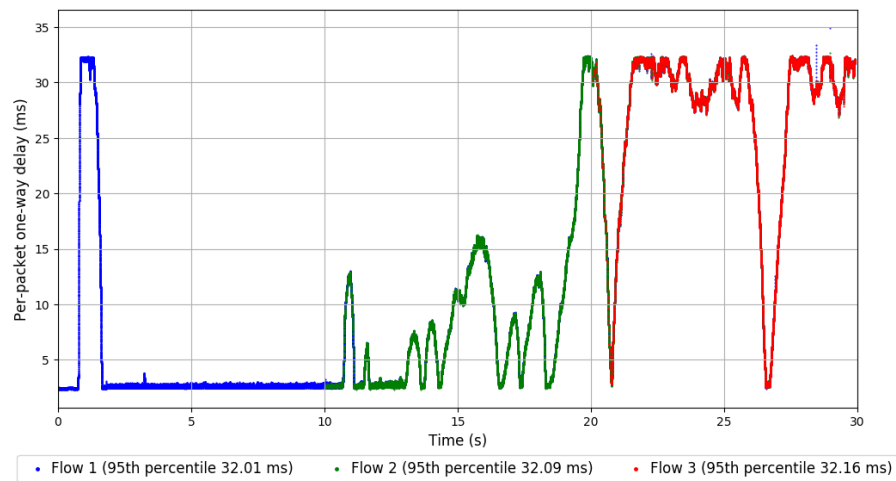
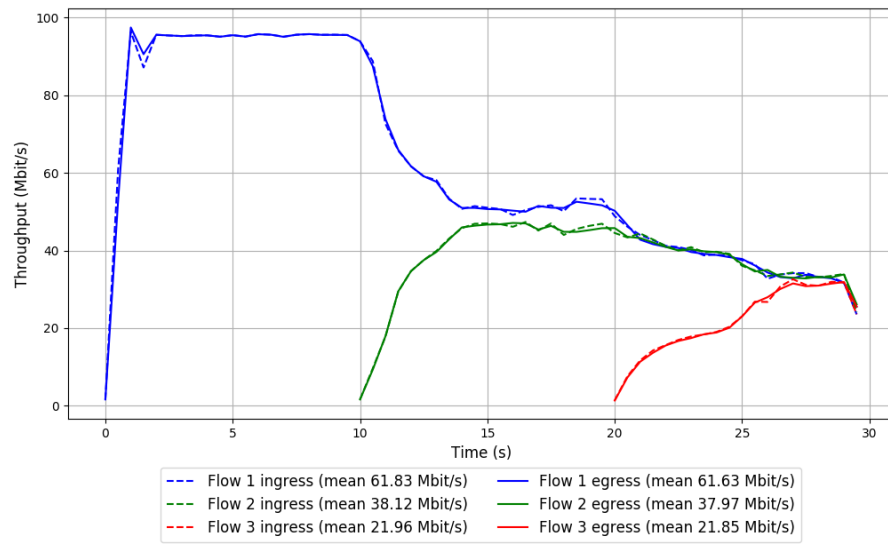


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-28 04:23:13
End at: 2018-02-28 04:23:43
Local clock offset: -6.163 ms
Remote clock offset: -6.935 ms

Below is generated by plot.py at 2018-02-28 07:44:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 32.065 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 61.63 Mbit/s
95th percentile per-packet one-way delay: 32.012 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 37.97 Mbit/s
95th percentile per-packet one-way delay: 32.087 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 21.85 Mbit/s
95th percentile per-packet one-way delay: 32.161 ms
Loss rate: 0.46%

Run 3: Report of Vivace-LTE — Data Link

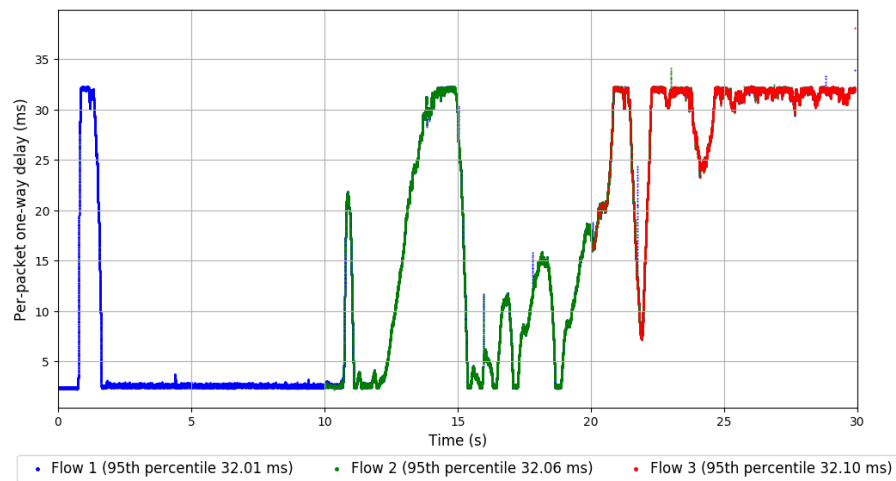
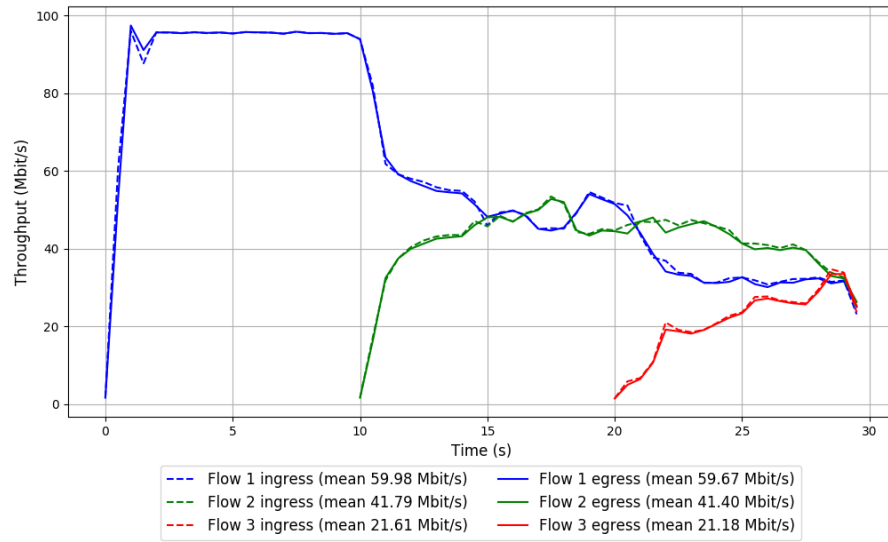


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-28 04:43:46
End at: 2018-02-28 04:44:16
Local clock offset: -3.62 ms
Remote clock offset: -6.896 ms

Below is generated by plot.py at 2018-02-28 07:44:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 32.041 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 59.67 Mbit/s
95th percentile per-packet one-way delay: 32.007 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 41.40 Mbit/s
95th percentile per-packet one-way delay: 32.059 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 21.18 Mbit/s
95th percentile per-packet one-way delay: 32.100 ms
Loss rate: 1.79%

Run 4: Report of Vivace-LTE — Data Link

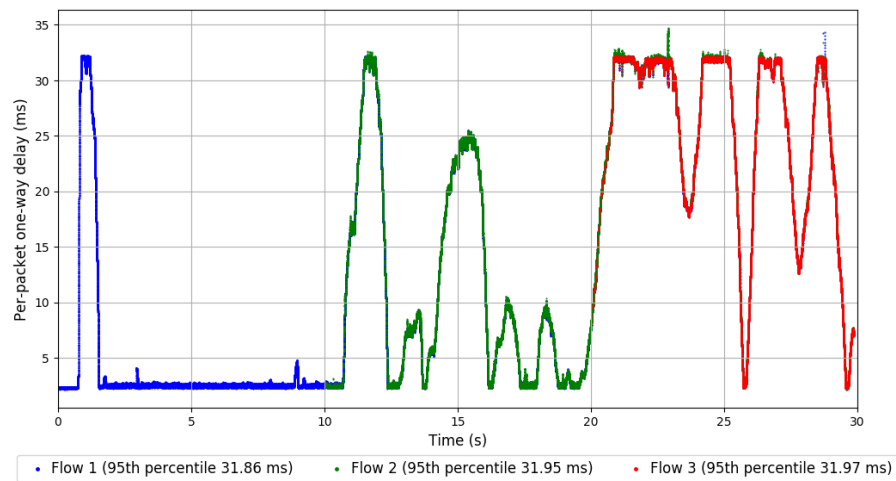
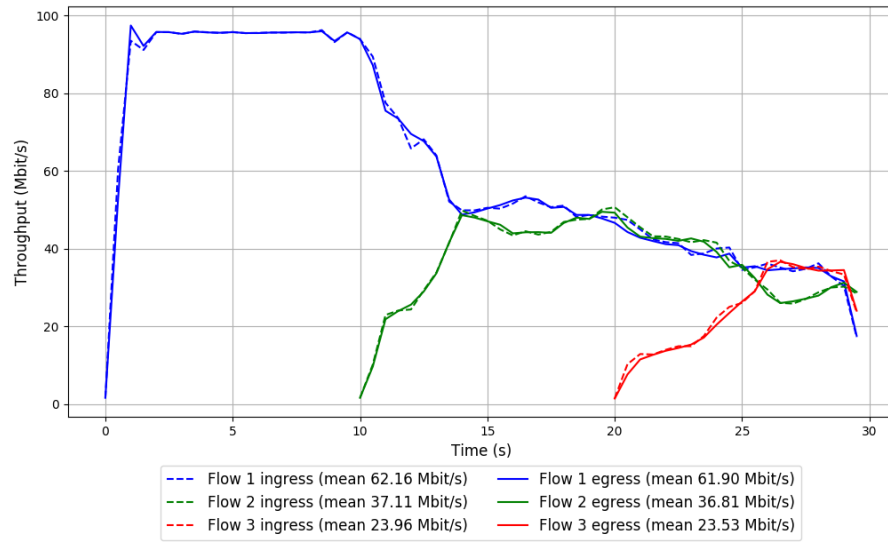


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-28 05:04:17
End at: 2018-02-28 05:04:47
Local clock offset: -4.755 ms
Remote clock offset: -6.926 ms

Below is generated by plot.py at 2018-02-28 07:44:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 31.909 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 31.857 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 36.81 Mbit/s
95th percentile per-packet one-way delay: 31.953 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 23.53 Mbit/s
95th percentile per-packet one-way delay: 31.966 ms
Loss rate: 1.80%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-28 05:24:50

End at: 2018-02-28 05:25:20

Local clock offset: -5.838 ms

Remote clock offset: -6.75 ms

Below is generated by plot.py at 2018-02-28 07:44:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.18 Mbit/s

95th percentile per-packet one-way delay: 31.942 ms

Loss rate: 0.37%

-- Flow 1:

Average throughput: 61.12 Mbit/s

95th percentile per-packet one-way delay: 31.891 ms

Loss rate: 0.28%

-- Flow 2:

Average throughput: 39.46 Mbit/s

95th percentile per-packet one-way delay: 31.978 ms

Loss rate: 0.46%

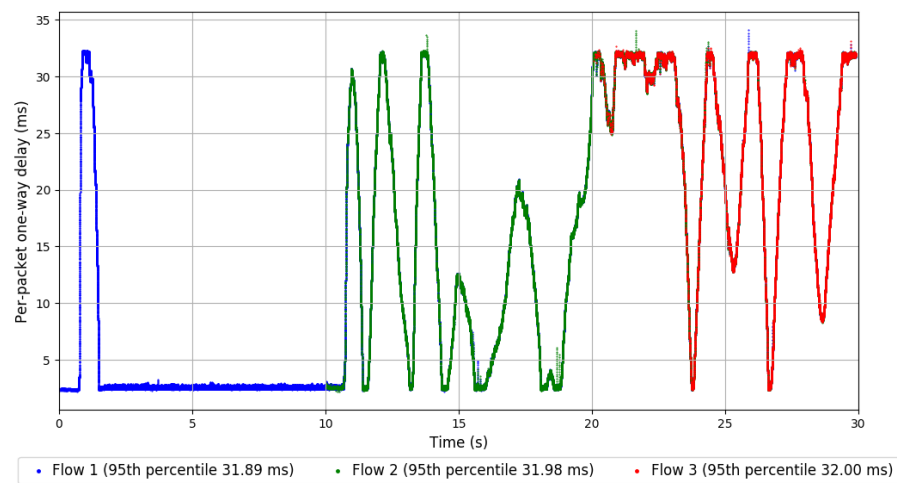
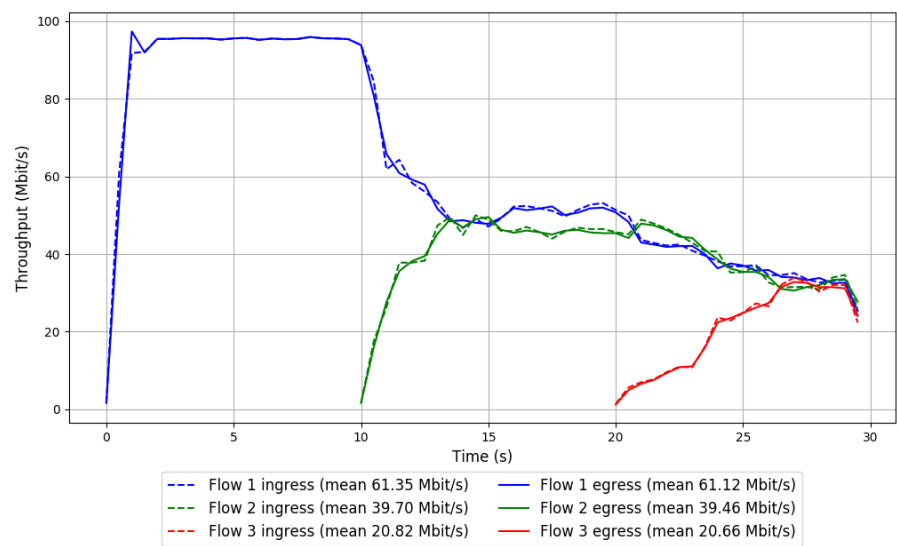
-- Flow 3:

Average throughput: 20.66 Mbit/s

95th percentile per-packet one-way delay: 32.002 ms

Loss rate: 0.76%

Run 6: Report of Vivace-LTE — Data Link

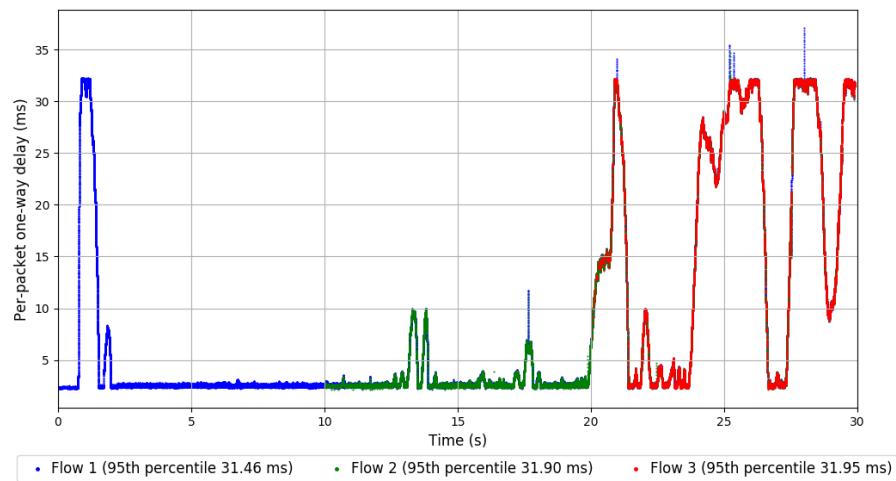
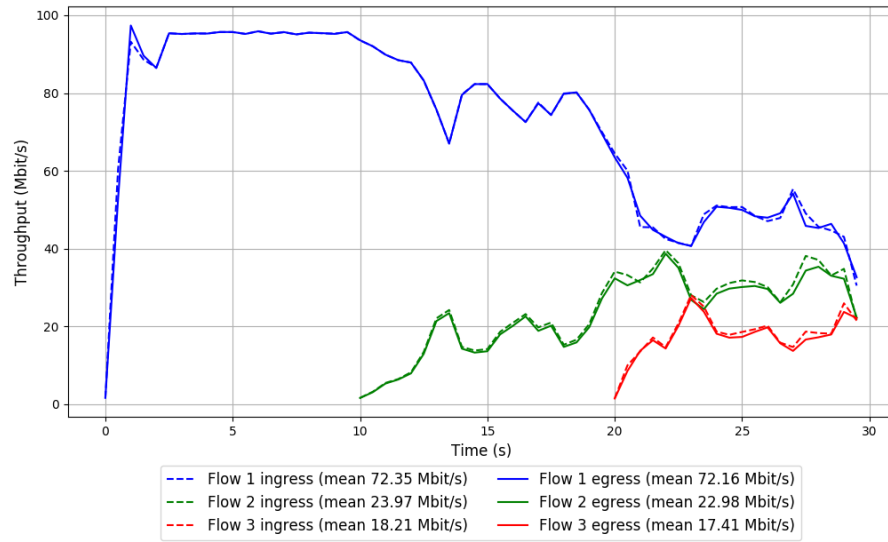


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-28 05:45:22
End at: 2018-02-28 05:45:52
Local clock offset: -6.298 ms
Remote clock offset: -6.291 ms

Below is generated by plot.py at 2018-02-28 07:44:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 31.786 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 72.16 Mbit/s
95th percentile per-packet one-way delay: 31.465 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 22.98 Mbit/s
95th percentile per-packet one-way delay: 31.902 ms
Loss rate: 3.96%
-- Flow 3:
Average throughput: 17.41 Mbit/s
95th percentile per-packet one-way delay: 31.955 ms
Loss rate: 4.15%

Run 7: Report of Vivace-LTE — Data Link

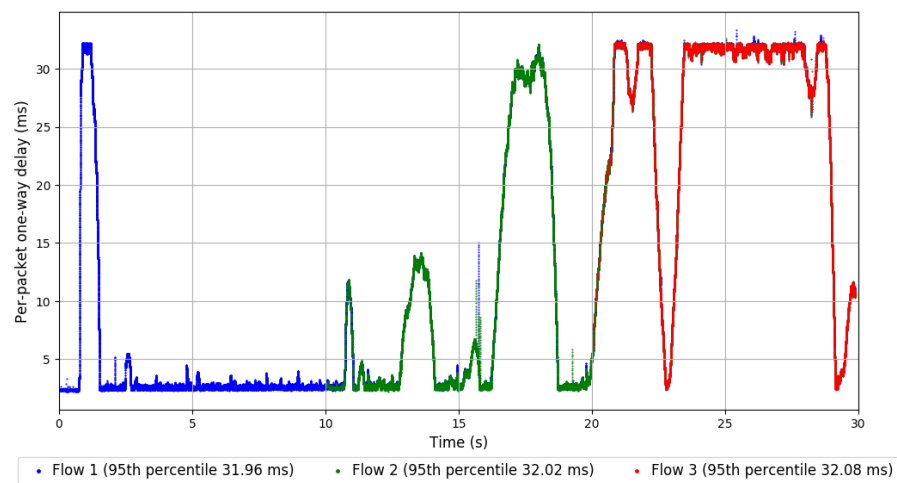
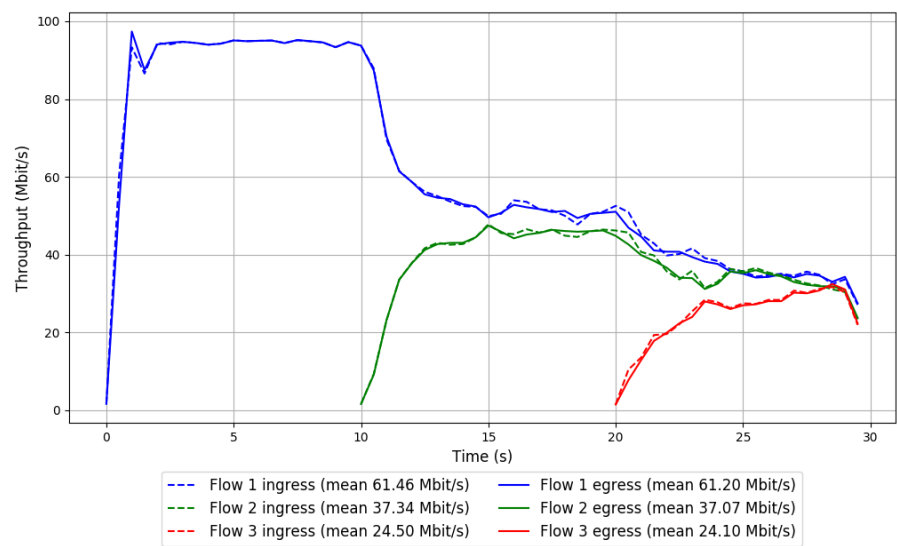


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-28 06:05:55
End at: 2018-02-28 06:06:25
Local clock offset: -6.217 ms
Remote clock offset: -6.982 ms

Below is generated by plot.py at 2018-02-28 07:44:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.79 Mbit/s
95th percentile per-packet one-way delay: 32.005 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 31.957 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 32.025 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 32.080 ms
Loss rate: 1.60%

Run 8: Report of Vivace-LTE — Data Link

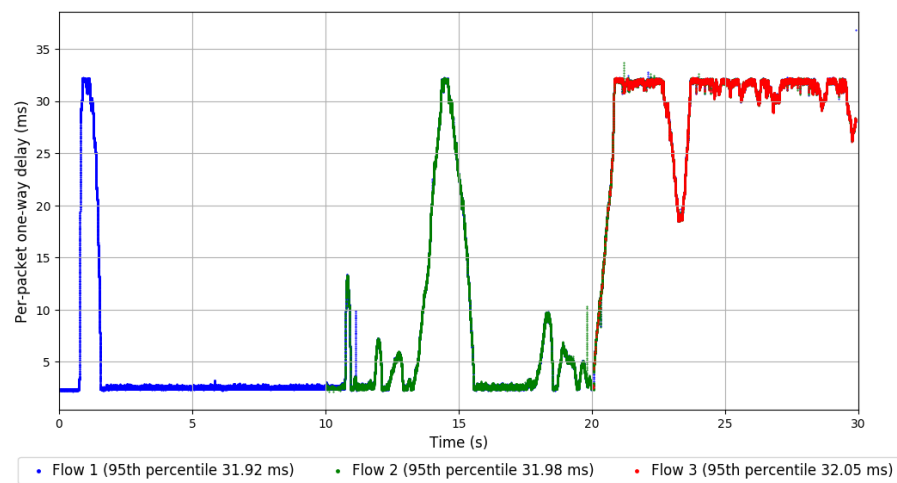
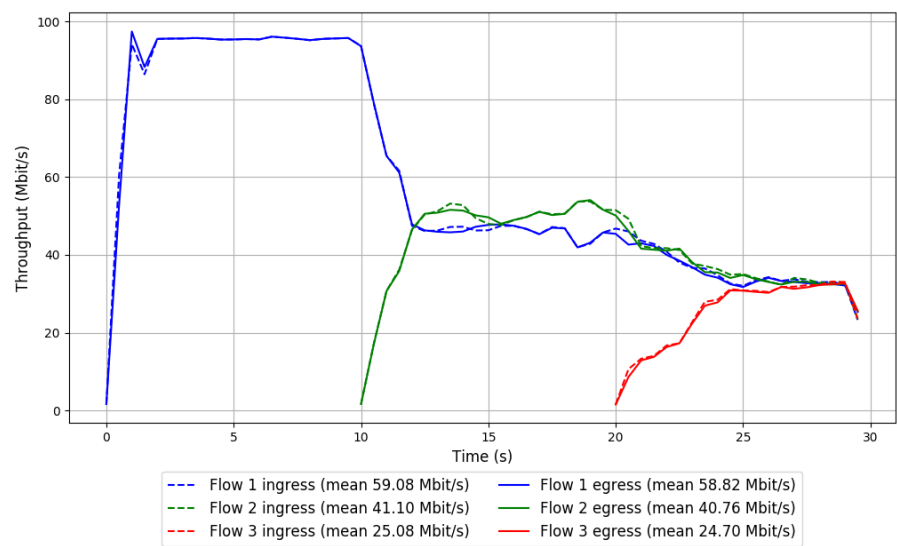


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-28 06:26:28
End at: 2018-02-28 06:26:58
Local clock offset: -5.236 ms
Remote clock offset: -7.217 ms

Below is generated by plot.py at 2018-02-28 07:44:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 31.968 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 58.82 Mbit/s
95th percentile per-packet one-way delay: 31.923 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 31.978 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 32.046 ms
Loss rate: 1.24%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-28 06:47:01
End at: 2018-02-28 06:47:31
Local clock offset: -5.635 ms
Remote clock offset: -6.979 ms

Below is generated by plot.py at 2018-02-28 07:44:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.25 Mbit/s
95th percentile per-packet one-way delay: 31.982 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 31.948 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 32.006 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 25.99 Mbit/s
95th percentile per-packet one-way delay: 32.025 ms
Loss rate: 1.49%

Run 10: Report of Vivace-LTE — Data Link

