

Pantheon Report

Generated at 2018-02-20 17:34:40 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

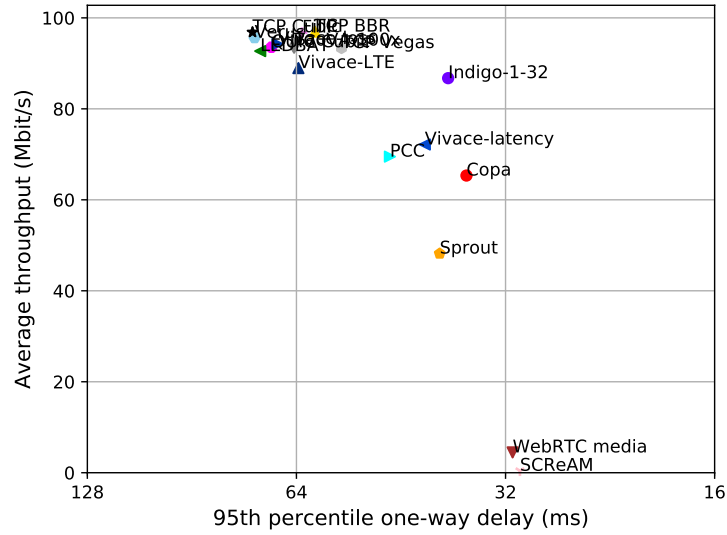
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

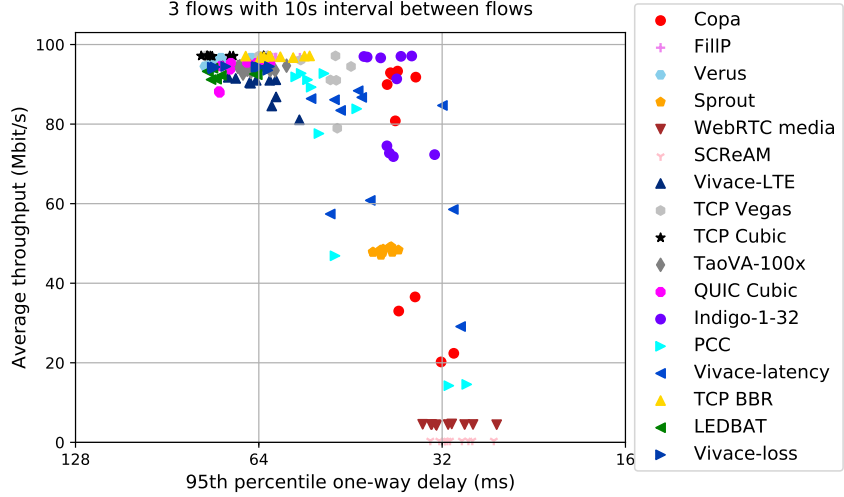
Git summary:

```
branch: master @ 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 @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



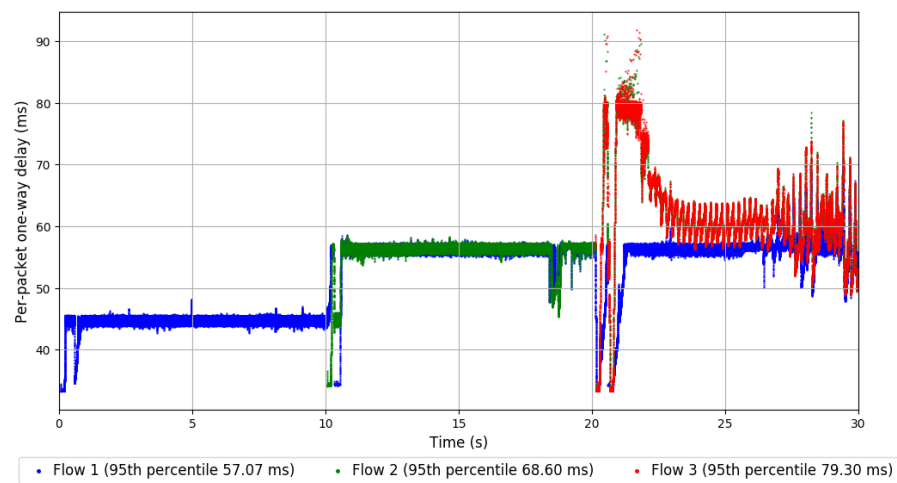
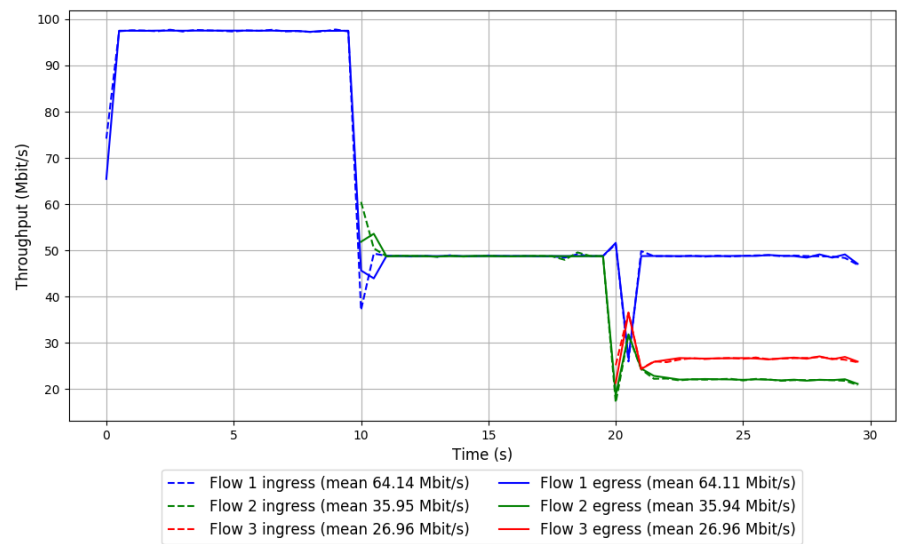
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	60.28	38.96	32.51	55.80	61.73	67.43	0.10	0.18	0.50
TCP Cubic	9	58.25	43.94	28.32	71.25	61.85	72.23	0.11	0.30	0.85
LEDBAT	9	58.04	39.18	25.92	64.86	67.71	70.41	0.11	0.24	0.74
PCC	10	46.07	26.29	18.09	45.06	41.62	42.11	0.07	0.16	0.28
QUIC Cubic	10	55.90	40.02	33.60	67.27	65.60	63.73	0.11	0.23	0.59
SCReAM	10	0.21	0.21	0.22	30.51	30.49	30.51	0.13	0.02	0.21
WebRTC media	10	2.36	1.48	0.64	31.18	31.28	31.44	0.11	0.32	0.12
Sprout	10	24.32	24.14	23.71	39.17	39.70	40.93	0.09	0.13	0.33
TaoVA-100x	10	57.01	38.50	34.06	60.70	63.29	59.84	0.09	0.21	0.46
TCP Vegas	9	55.55	41.04	31.71	53.75	50.76	51.81	0.08	0.09	0.33
Verus	10	56.84	41.64	33.44	68.35	67.55	67.80	0.11	0.24	0.53
Copa	10	38.13	29.30	23.27	36.12	36.63	36.34	0.05	0.10	0.25
FillP	9	59.11	42.59	29.99	61.49	58.88	64.26	0.09	0.21	0.60
Indigo-1-32	10	50.03	37.37	36.43	37.60	38.98	38.73	0.05	0.11	0.30
Vivace-latency	10	48.42	28.41	14.75	39.00	44.80	36.66	0.05	0.18	0.45
Vivace-loss	10	60.51	37.63	26.60	59.31	68.41	69.00	0.13	0.28	0.98
Vivace-LTE	10	55.42	37.96	25.27	60.11	61.30	57.62	0.06	0.17	0.48

Run 1: Statistics of TCP BBR

Start at: 2018-02-20 09:59:36
End at: 2018-02-20 10:00:06
Local clock offset: -0.875 ms
Remote clock offset: -13.684 ms

Below is generated by plot.py at 2018-02-20 17:08:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 63.488 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 57.066 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: 68.601 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 26.96 Mbit/s
95th percentile per-packet one-way delay: 79.299 ms
Loss rate: 0.48%

Run 1: Report of TCP BBR — Data Link

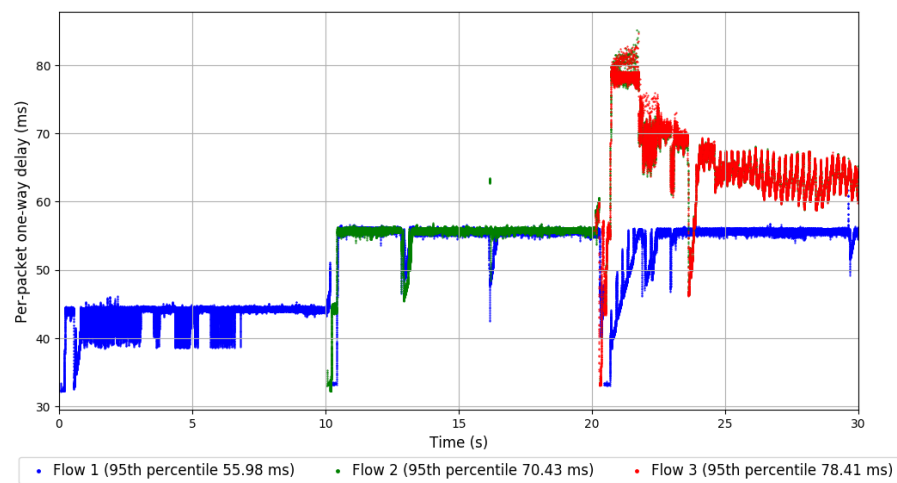
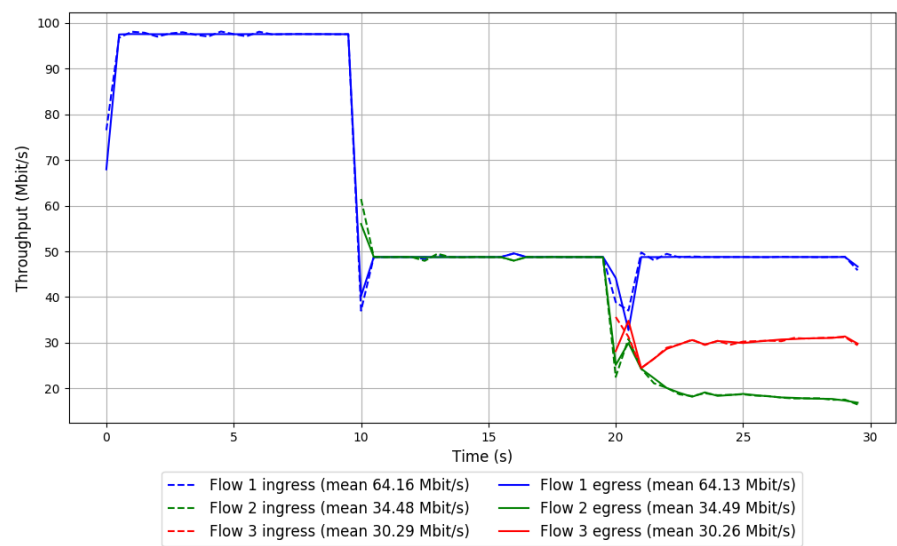


Run 2: Statistics of TCP BBR

Start at: 2018-02-20 10:21:20
End at: 2018-02-20 10:21:50
Local clock offset: 1.253 ms
Remote clock offset: -16.179 ms

Below is generated by plot.py at 2018-02-20 17:08:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 67.263 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.13 Mbit/s
95th percentile per-packet one-way delay: 55.983 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.49 Mbit/s
95th percentile per-packet one-way delay: 70.431 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 30.26 Mbit/s
95th percentile per-packet one-way delay: 78.408 ms
Loss rate: 0.58%

Run 2: Report of TCP BBR — Data Link

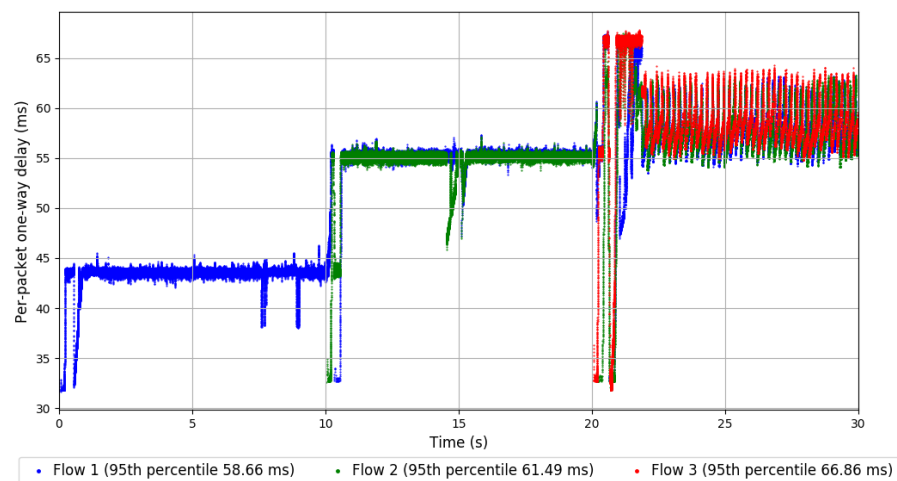
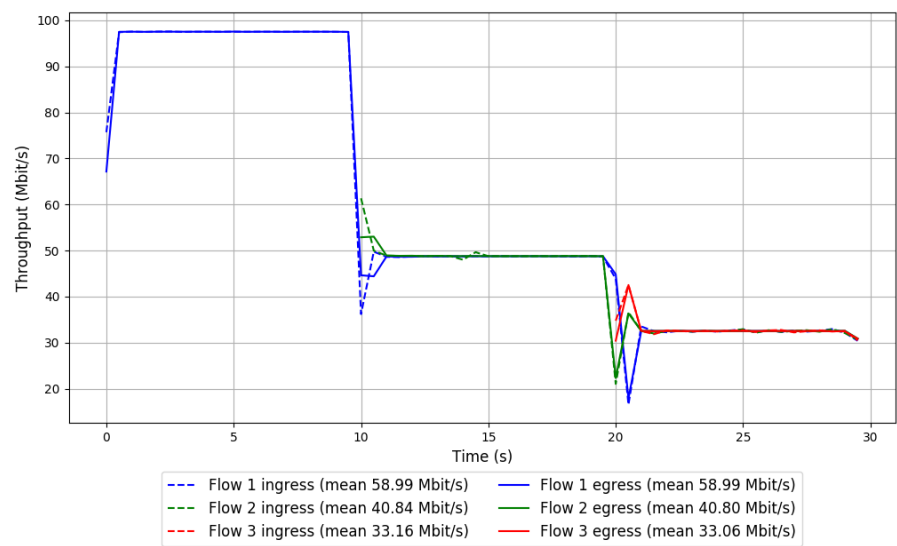


Run 3: Statistics of TCP BBR

Start at: 2018-02-20 10:42:58
End at: 2018-02-20 10:43:28
Local clock offset: 0.045 ms
Remote clock offset: -19.655 ms

Below is generated by plot.py at 2018-02-20 17:08:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 61.304 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.99 Mbit/s
95th percentile per-packet one-way delay: 58.661 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.80 Mbit/s
95th percentile per-packet one-way delay: 61.491 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 33.06 Mbit/s
95th percentile per-packet one-way delay: 66.858 ms
Loss rate: 0.53%

Run 3: Report of TCP BBR — Data Link

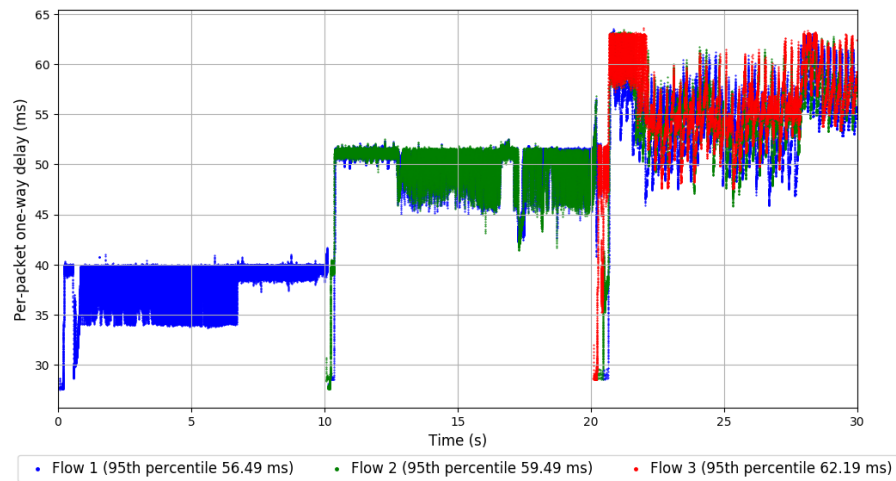
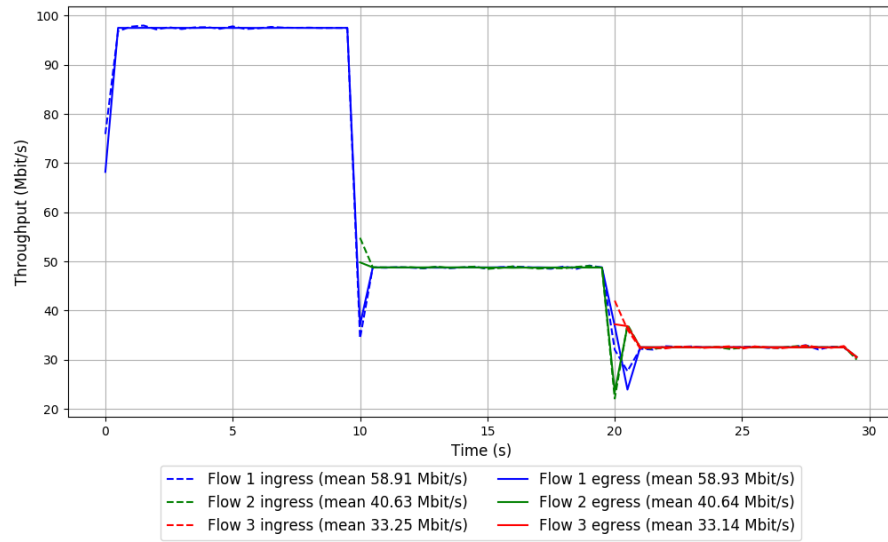


Run 4: Statistics of TCP BBR

Start at: 2018-02-20 11:06:09
End at: 2018-02-20 11:06:39
Local clock offset: -2.929 ms
Remote clock offset: -19.036 ms

Below is generated by plot.py at 2018-02-20 17:08:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 58.994 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 56.495 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 59.486 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 33.14 Mbit/s
95th percentile per-packet one-way delay: 62.189 ms
Loss rate: 0.57%

Run 4: Report of TCP BBR — Data Link

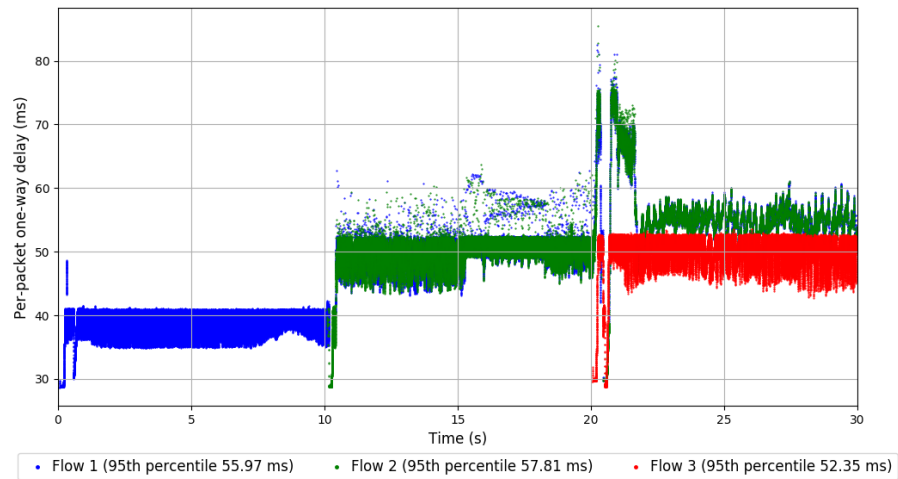
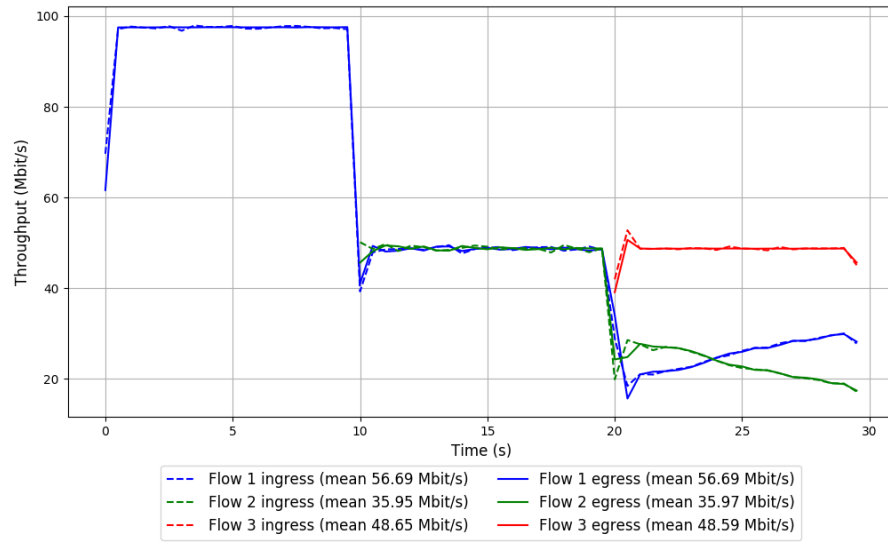


Run 5: Statistics of TCP BBR

Start at: 2018-02-20 11:28:13
End at: 2018-02-20 11:28:43
Local clock offset: -1.106 ms
Remote clock offset: -17.603 ms

Below is generated by plot.py at 2018-02-20 17:08:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 56.199 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.69 Mbit/s
95th percentile per-packet one-way delay: 55.969 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 35.97 Mbit/s
95th percentile per-packet one-way delay: 57.810 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 48.59 Mbit/s
95th percentile per-packet one-way delay: 52.348 ms
Loss rate: 0.46%

Run 5: Report of TCP BBR — Data Link

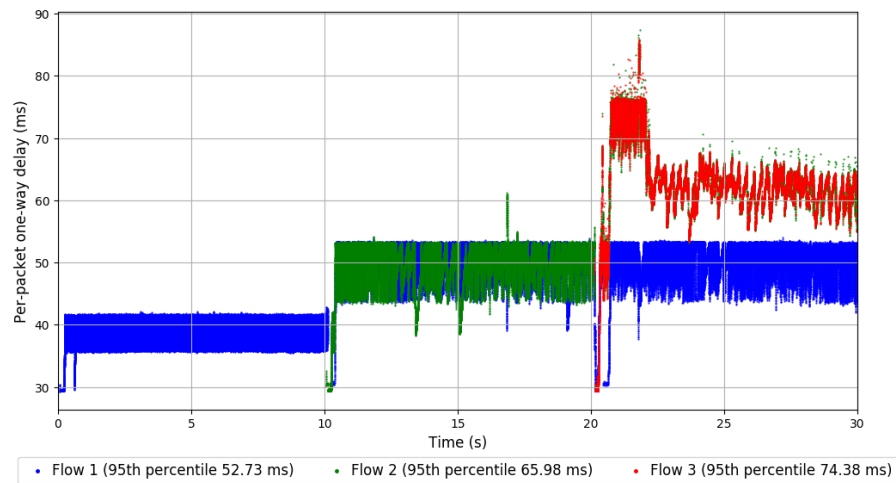
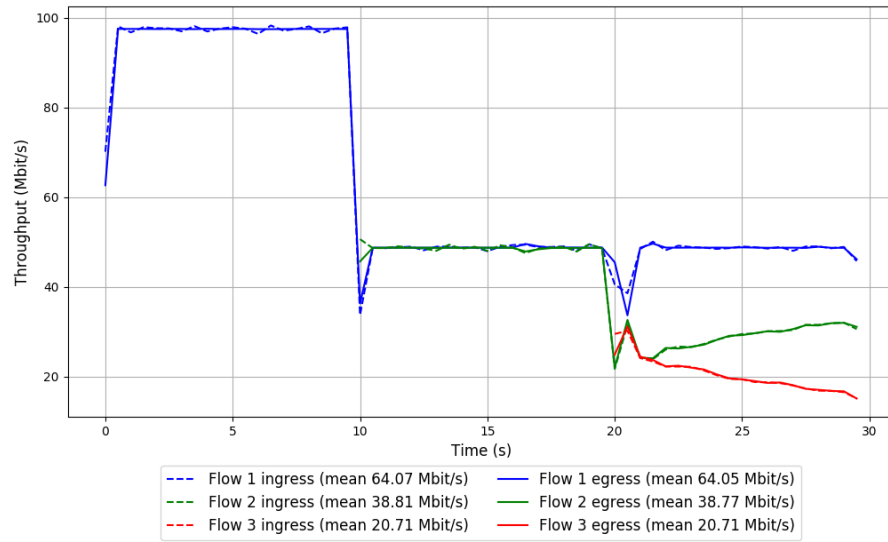


Run 6: Statistics of TCP BBR

Start at: 2018-02-20 11:49:47
End at: 2018-02-20 11:50:17
Local clock offset: -2.652 ms
Remote clock offset: -16.155 ms

Below is generated by plot.py at 2018-02-20 17:08:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 63.739 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.05 Mbit/s
95th percentile per-packet one-way delay: 52.733 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 65.978 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 20.71 Mbit/s
95th percentile per-packet one-way delay: 74.380 ms
Loss rate: 0.46%

Run 6: Report of TCP BBR — Data Link

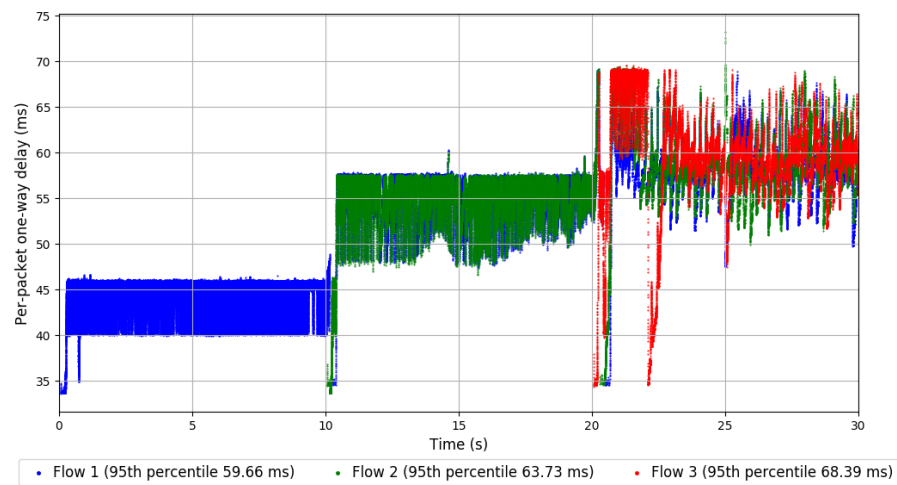
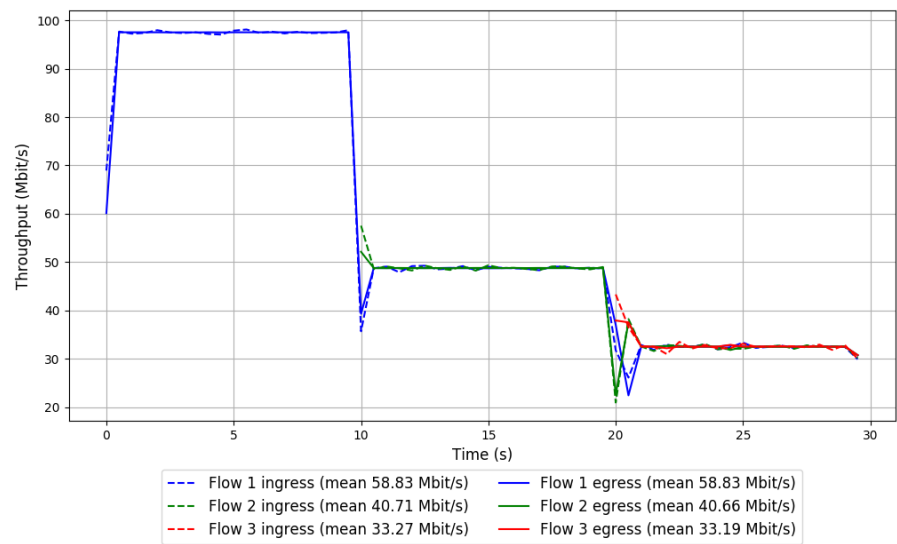


Run 7: Statistics of TCP BBR

Start at: 2018-02-20 12:11:41
End at: 2018-02-20 12:12:11
Local clock offset: 1.938 ms
Remote clock offset: -21.468 ms

Below is generated by plot.py at 2018-02-20 17:08:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 62.779 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.83 Mbit/s
95th percentile per-packet one-way delay: 59.662 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 63.731 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 68.395 ms
Loss rate: 0.47%

Run 7: Report of TCP BBR — Data Link

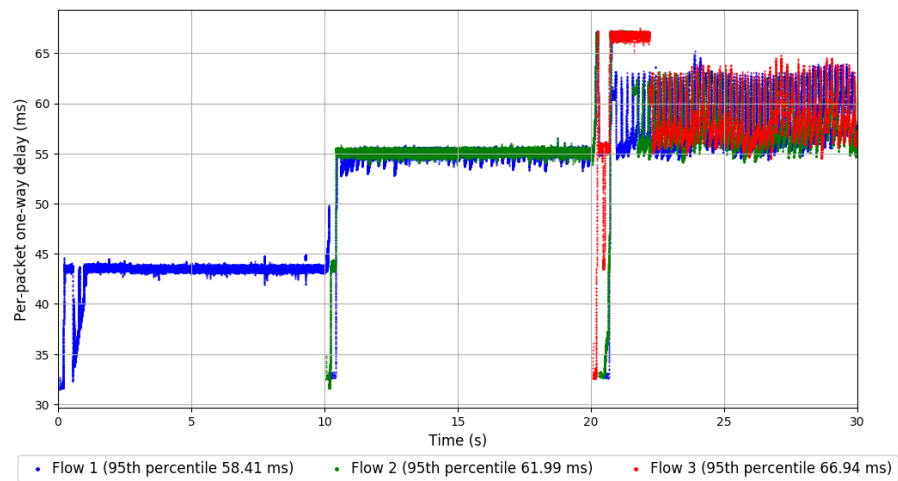
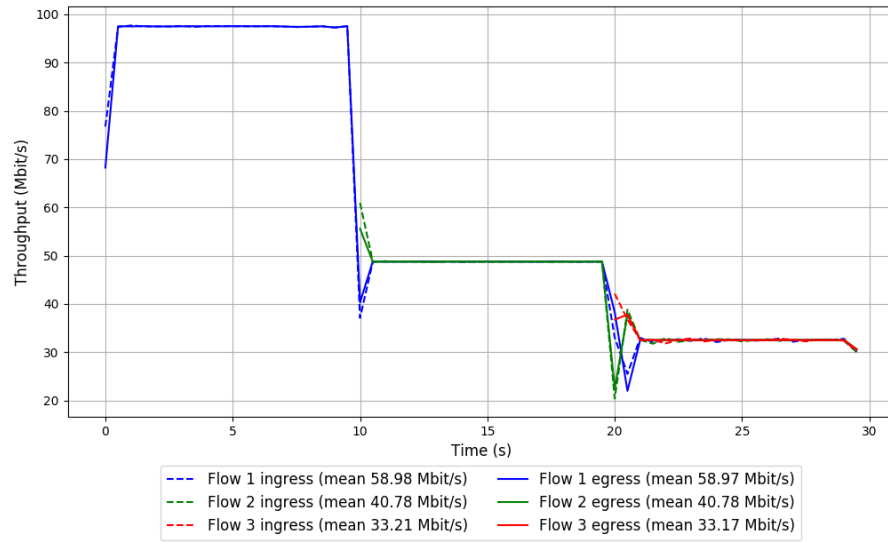


Run 8: Statistics of TCP BBR

Start at: 2018-02-20 12:33:56
End at: 2018-02-20 12:34:26
Local clock offset: 0.14 ms
Remote clock offset: -22.705 ms

Below is generated by plot.py at 2018-02-20 17:08:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 61.671 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 58.415 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.78 Mbit/s
95th percentile per-packet one-way delay: 61.990 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 66.943 ms
Loss rate: 0.50%

Run 8: Report of TCP BBR — Data Link

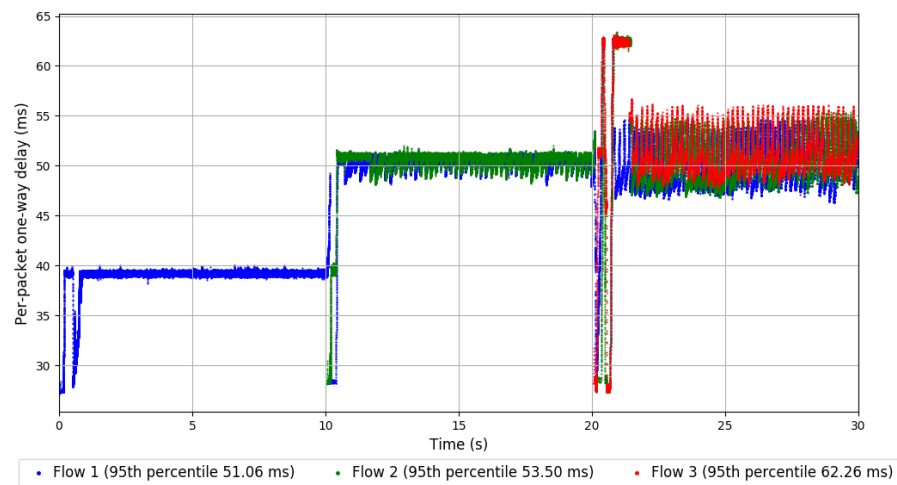
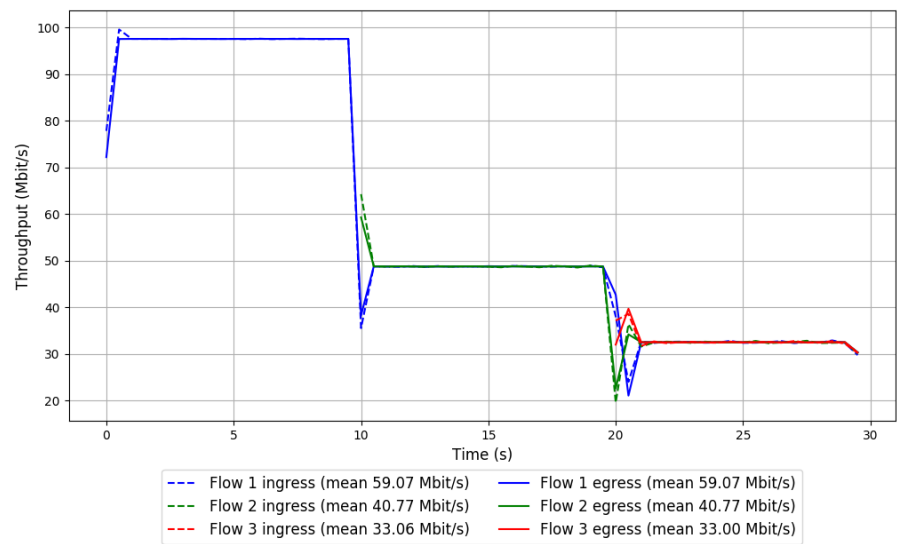


Run 9: Statistics of TCP BBR

Start at: 2018-02-20 12:55:56
End at: 2018-02-20 12:56:26
Local clock offset: -6.083 ms
Remote clock offset: -18.258 ms

Below is generated by plot.py at 2018-02-20 17:10:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 52.822 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 51.060 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 53.502 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 62.258 ms
Loss rate: 0.47%

Run 9: Report of TCP BBR — Data Link

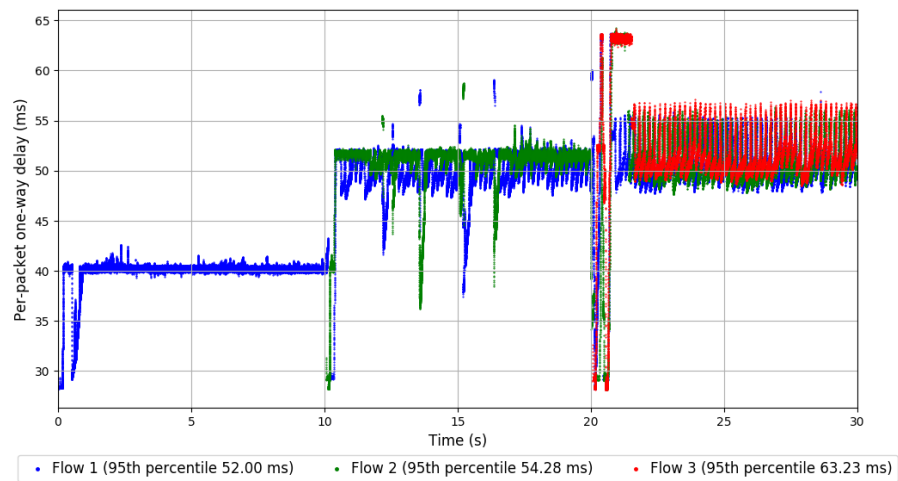
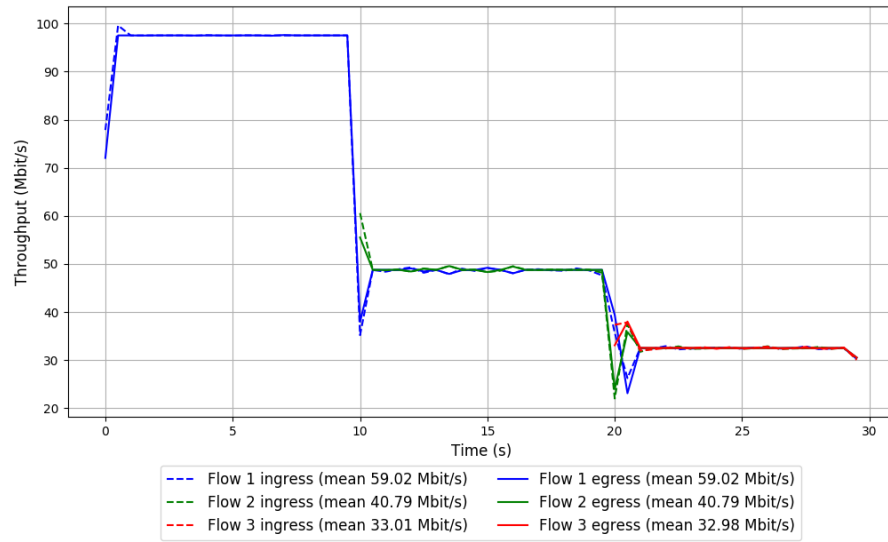


Run 10: Statistics of TCP BBR

Start at: 2018-02-20 13:17:30
End at: 2018-02-20 13:18:00
Local clock offset: -3.804 ms
Remote clock offset: -18.646 ms

Below is generated by plot.py at 2018-02-20 17:10:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 53.845 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.02 Mbit/s
95th percentile per-packet one-way delay: 52.000 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 54.282 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 63.226 ms
Loss rate: 0.44%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-02-20 09:48:31
End at: 2018-02-20 09:49:01
Local clock offset: -4.632 ms
Remote clock offset: -12.923 ms

Run 1: Report of TCP Cubic — Data Link

Figure is missing

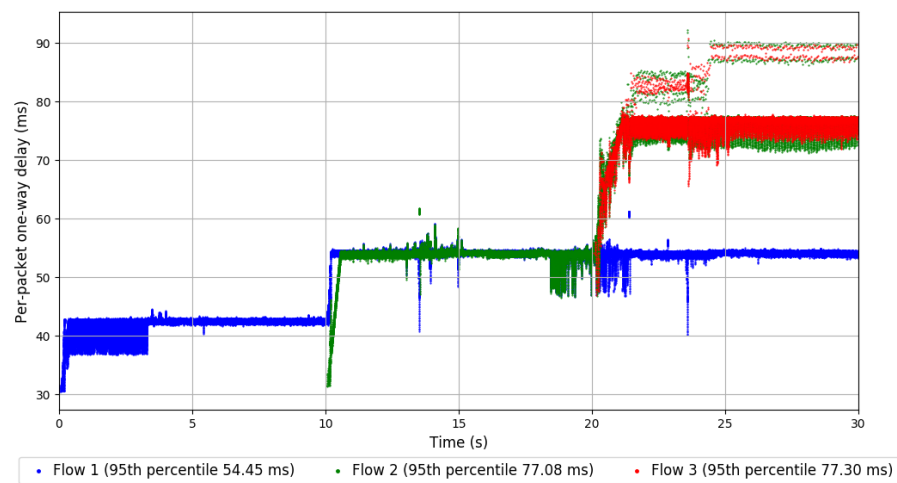
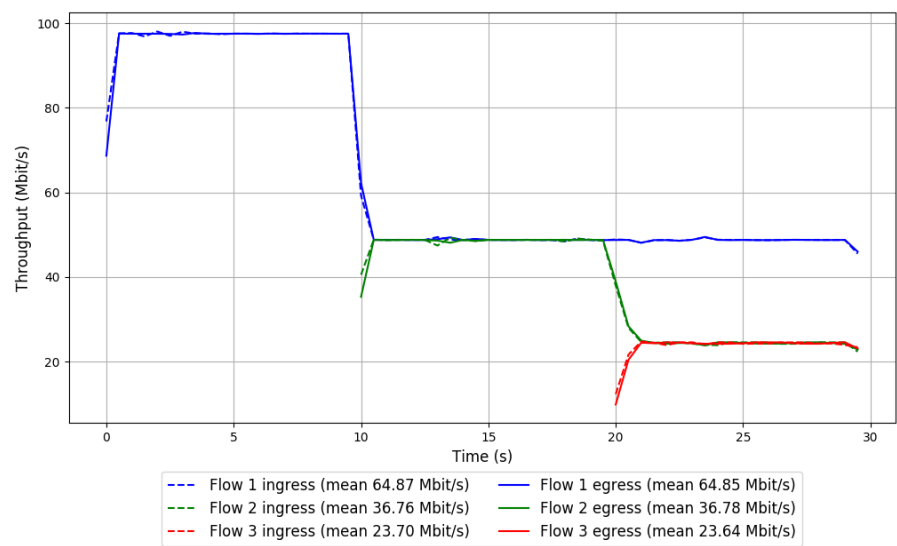
Figure is missing

Run 2: Statistics of TCP Cubic

Start at: 2018-02-20 10:10:33
End at: 2018-02-20 10:11:03
Local clock offset: 0.069 ms
Remote clock offset: -10.107 ms

Below is generated by plot.py at 2018-02-20 17:10:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 76.870 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.85 Mbit/s
95th percentile per-packet one-way delay: 54.454 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.78 Mbit/s
95th percentile per-packet one-way delay: 77.078 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 77.301 ms
Loss rate: 0.75%

Run 2: Report of TCP Cubic — Data Link

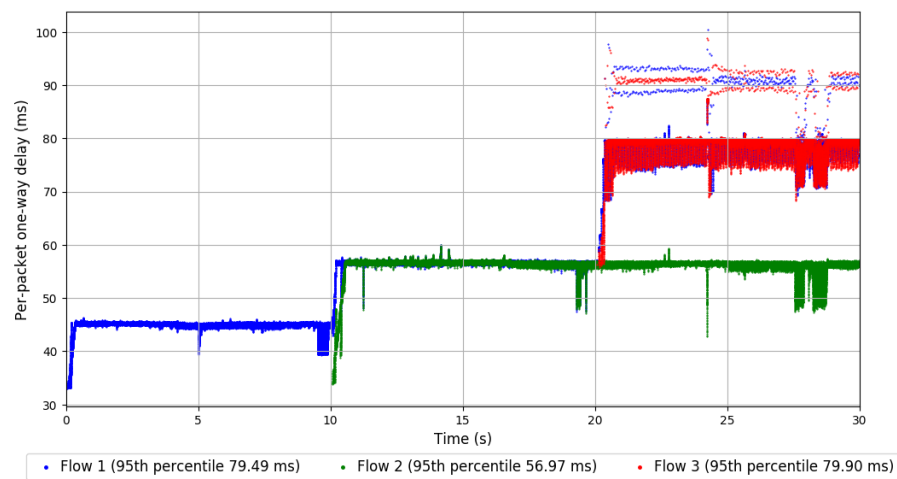
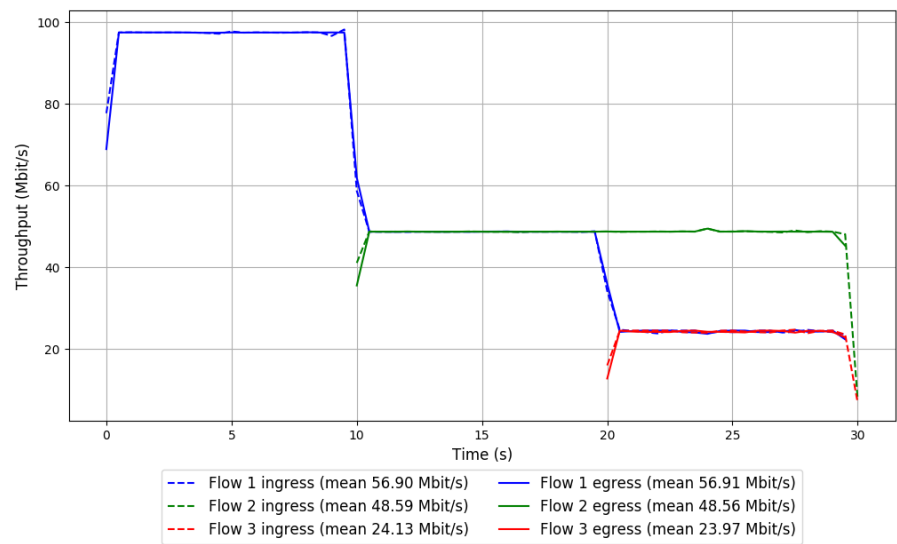


Run 3: Statistics of TCP Cubic

Start at: 2018-02-20 10:32:12
End at: 2018-02-20 10:32:42
Local clock offset: 0.462 ms
Remote clock offset: -19.674 ms

Below is generated by plot.py at 2018-02-20 17:10:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 79.561 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 56.91 Mbit/s
95th percentile per-packet one-way delay: 79.494 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 56.972 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 79.898 ms
Loss rate: 2.40%

Run 3: Report of TCP Cubic — Data Link

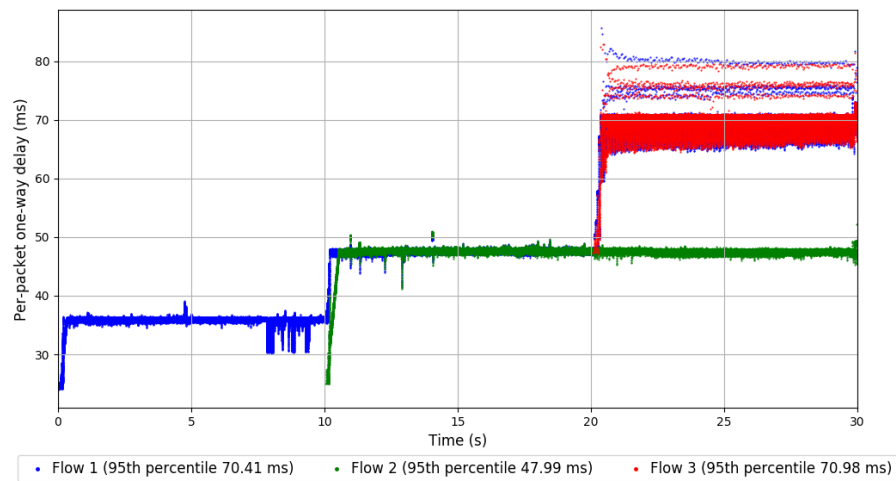
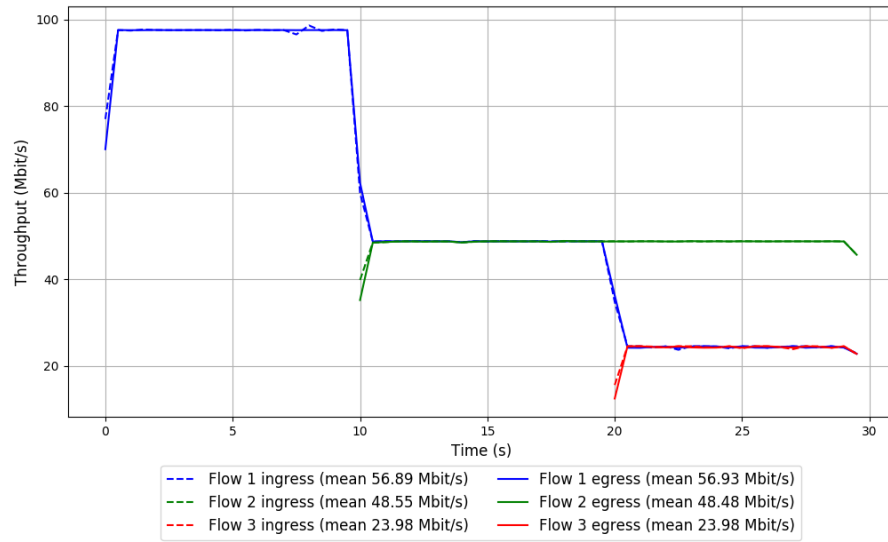


Run 4: Statistics of TCP Cubic

Start at: 2018-02-20 10:54:23
End at: 2018-02-20 10:54:53
Local clock offset: -5.95 ms
Remote clock offset: -18.279 ms

Below is generated by plot.py at 2018-02-20 17:10:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 70.491 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 70.408 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 47.994 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 70.978 ms
Loss rate: 0.66%

Run 4: Report of TCP Cubic — Data Link

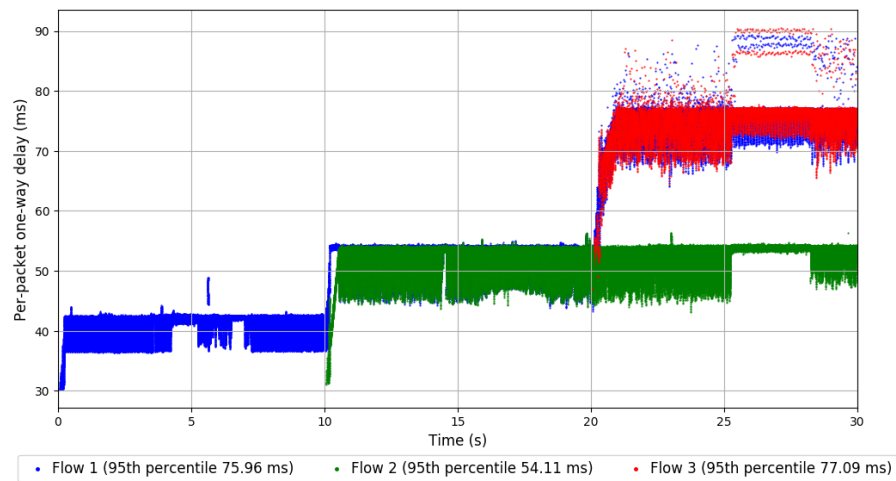
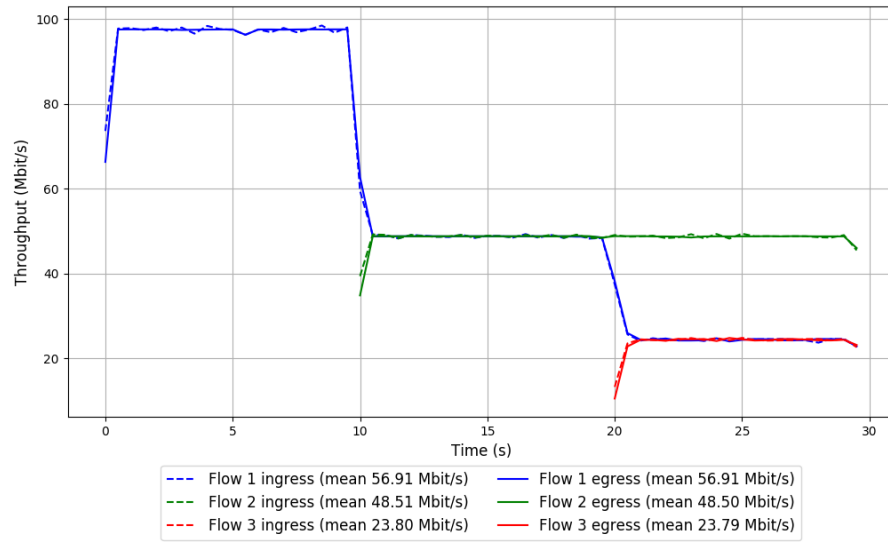


Run 5: Statistics of TCP Cubic

Start at: 2018-02-20 11:17:33
End at: 2018-02-20 11:18:03
Local clock offset: 1.135 ms
Remote clock offset: -17.984 ms

Below is generated by plot.py at 2018-02-20 17:10:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 76.326 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.91 Mbit/s
95th percentile per-packet one-way delay: 75.963 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.50 Mbit/s
95th percentile per-packet one-way delay: 54.109 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 77.094 ms
Loss rate: 0.74%

Run 5: Report of TCP Cubic — Data Link

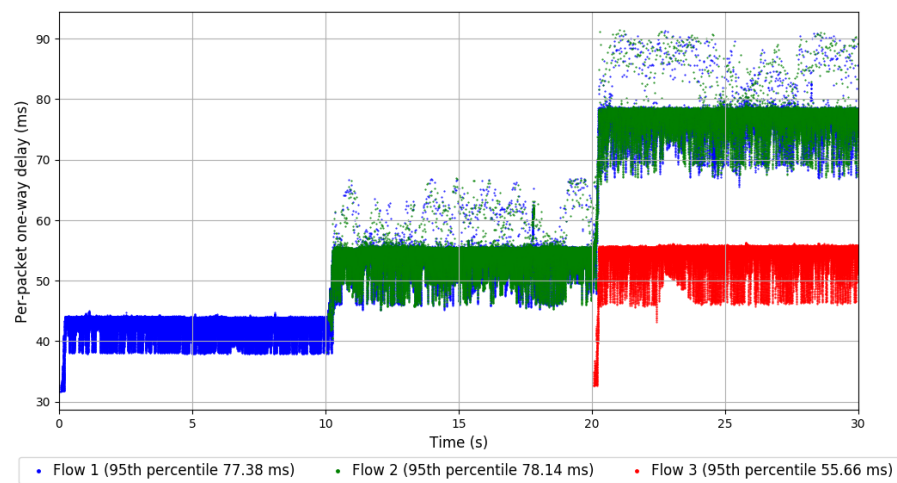
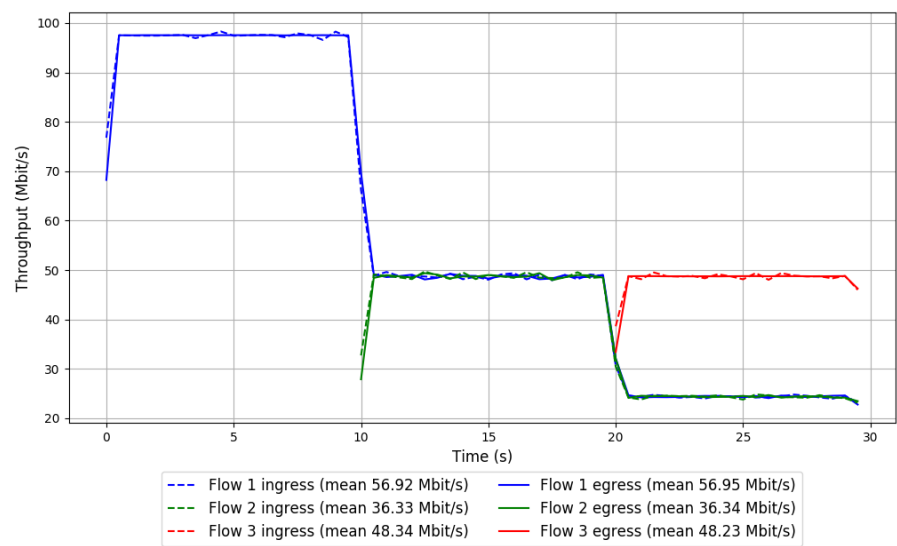


Run 6: Statistics of TCP Cubic

Start at: 2018-02-20 11:39:05
End at: 2018-02-20 11:39:35
Local clock offset: -2.176 ms
Remote clock offset: -19.064 ms

Below is generated by plot.py at 2018-02-20 17:10:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 77.611 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.95 Mbit/s
95th percentile per-packet one-way delay: 77.384 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 78.141 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 48.23 Mbit/s
95th percentile per-packet one-way delay: 55.660 ms
Loss rate: 0.49%

Run 6: Report of TCP Cubic — Data Link

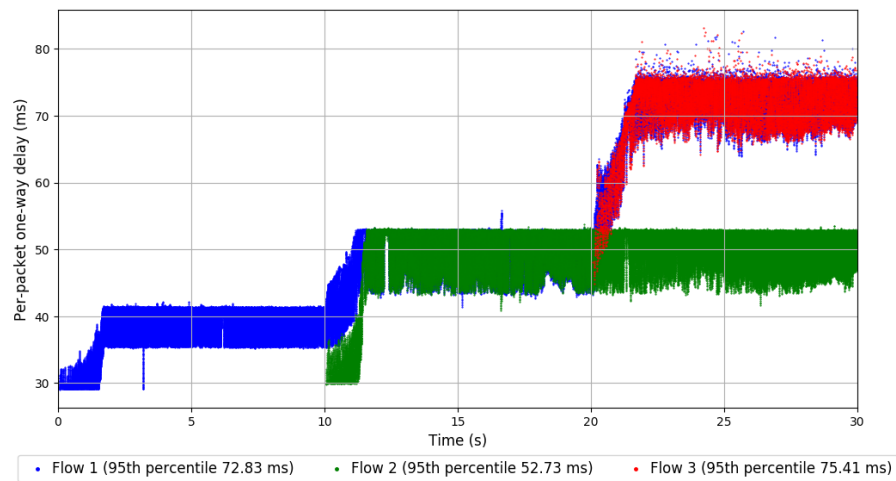
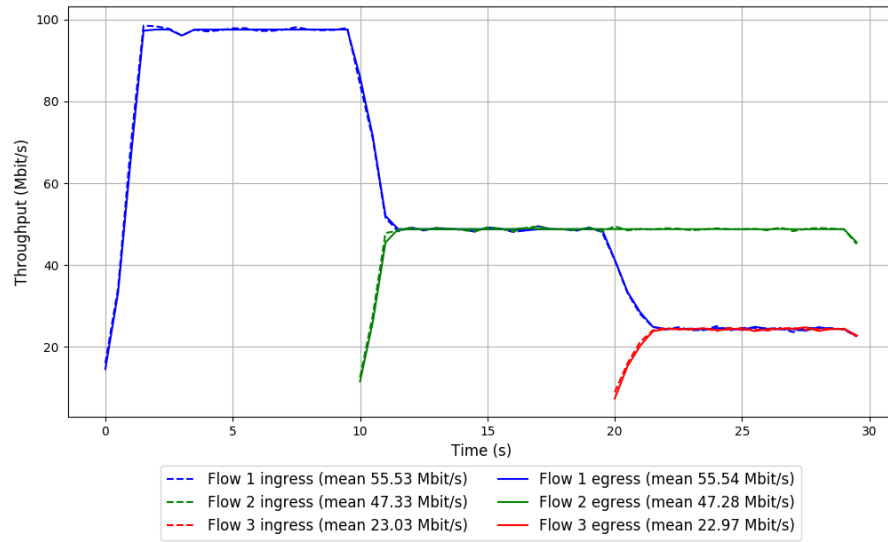


Run 7: Statistics of TCP Cubic

Start at: 2018-02-20 12:00:44
End at: 2018-02-20 12:01:14
Local clock offset: -2.6 ms
Remote clock offset: -17.441 ms

Below is generated by plot.py at 2018-02-20 17:10:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 73.345 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.54 Mbit/s
95th percentile per-packet one-way delay: 72.827 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 52.734 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 22.97 Mbit/s
95th percentile per-packet one-way delay: 75.413 ms
Loss rate: 0.75%

Run 7: Report of TCP Cubic — Data Link

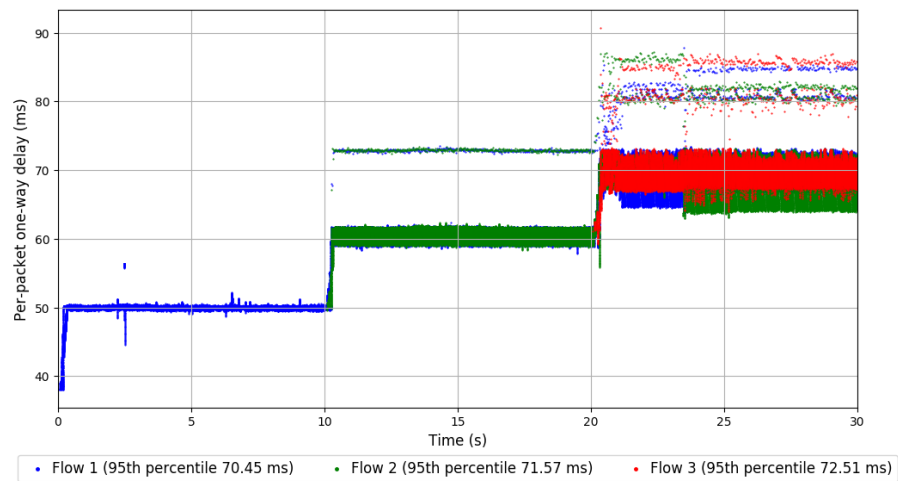
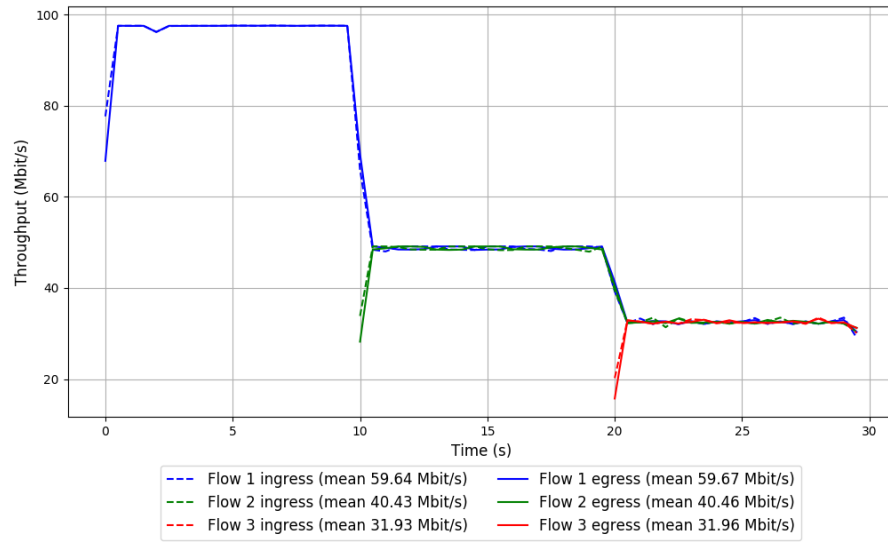


Run 8: Statistics of TCP Cubic

Start at: 2018-02-20 12:22:56
End at: 2018-02-20 12:23:26
Local clock offset: -0.08 ms
Remote clock offset: -29.769 ms

Below is generated by plot.py at 2018-02-20 17:11:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 71.440 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.67 Mbit/s
95th percentile per-packet one-way delay: 70.450 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 71.566 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 72.510 ms
Loss rate: 0.53%

Run 8: Report of TCP Cubic — Data Link

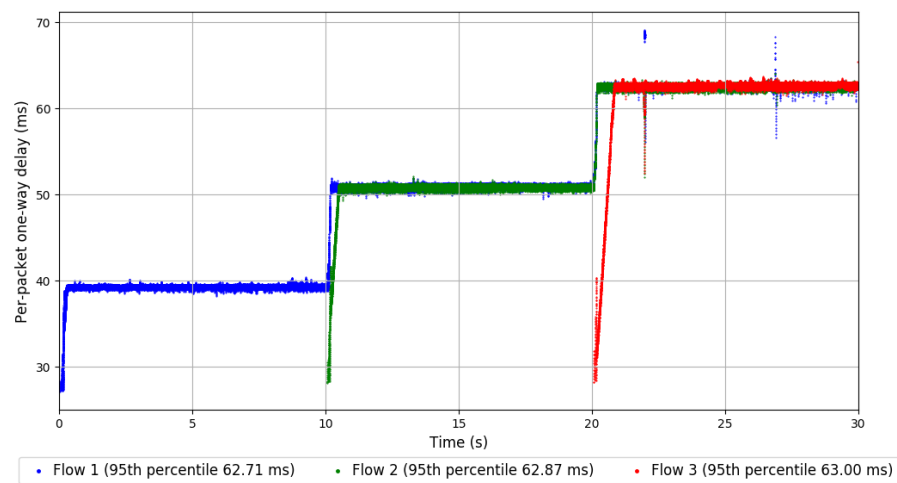
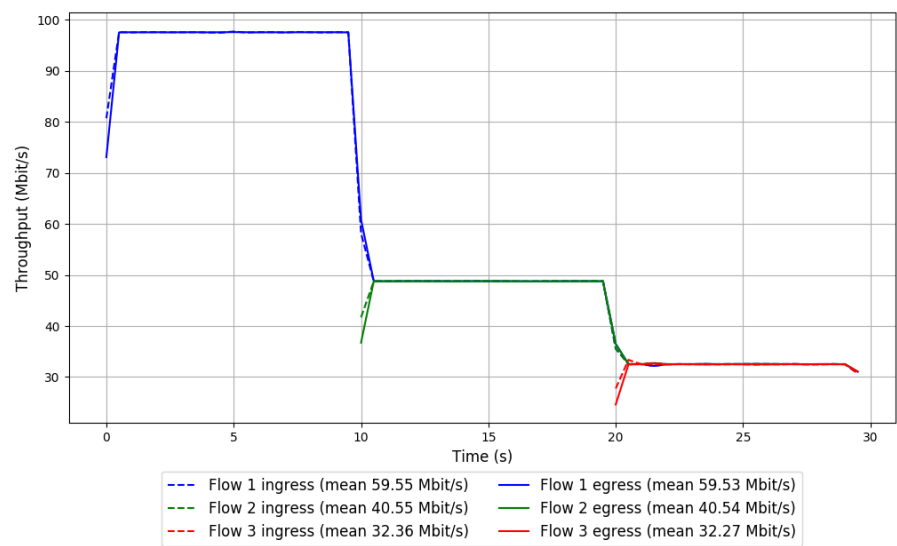


Run 9: Statistics of TCP Cubic

Start at: 2018-02-20 12:45:00
End at: 2018-02-20 12:45:30
Local clock offset: -2.972 ms
Remote clock offset: -18.353 ms

Below is generated by plot.py at 2018-02-20 17:11:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 62.848 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 62.709 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 62.874 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 62.996 ms
Loss rate: 0.58%

Run 9: Report of TCP Cubic — Data Link

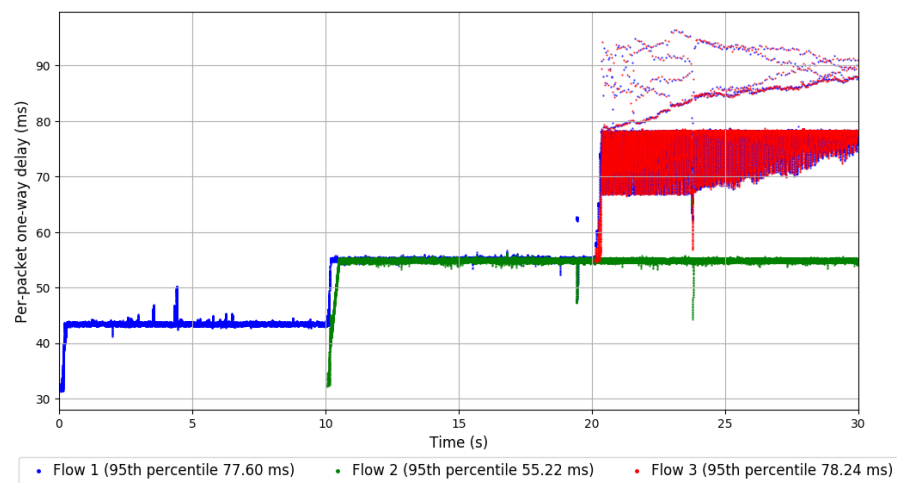
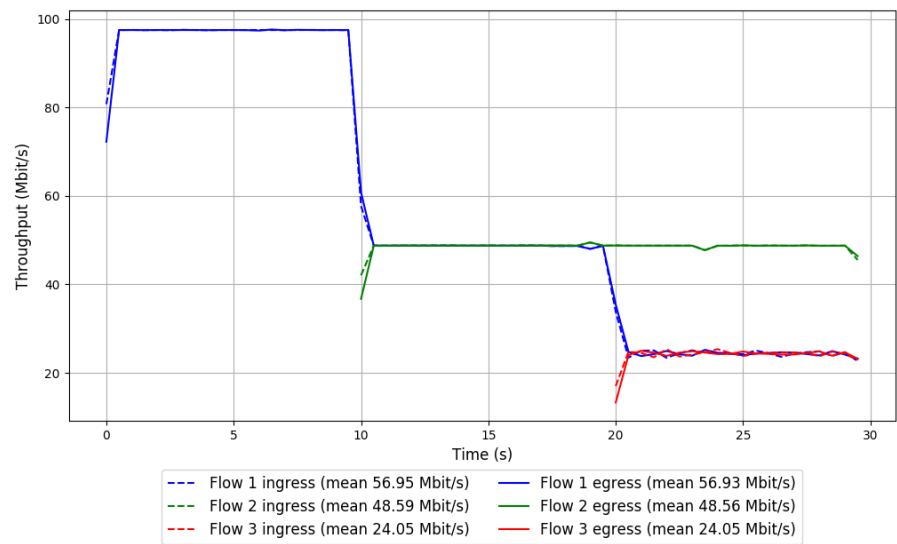


Run 10: Statistics of TCP Cubic

Start at: 2018-02-20 13:06:48
End at: 2018-02-20 13:07:18
Local clock offset: -5.675 ms
Remote clock offset: -20.355 ms

Below is generated by plot.py at 2018-02-20 17:11:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 77.829 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 77.604 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 55.218 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 78.239 ms
Loss rate: 0.74%

Run 10: Report of TCP Cubic — Data Link

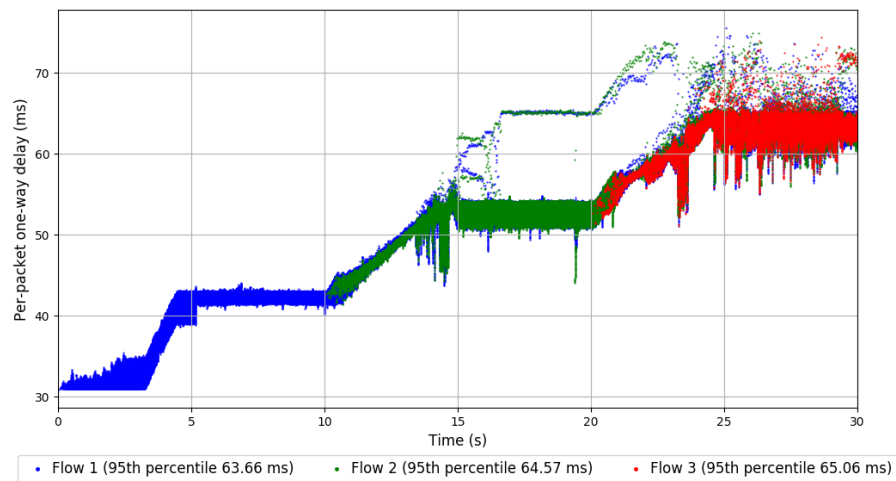
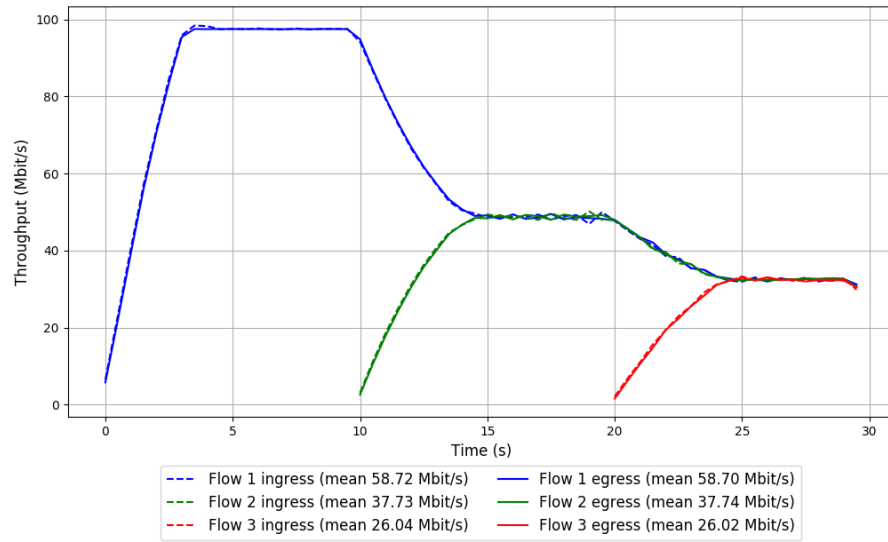


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-20 09:55:58
End at: 2018-02-20 09:56:28
Local clock offset: -1.672 ms
Remote clock offset: -11.894 ms

# Below is generated by plot.py at 2018-02-20 17:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 64.378 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 63.662 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 37.74 Mbit/s
95th percentile per-packet one-way delay: 64.570 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 26.02 Mbit/s
95th percentile per-packet one-way delay: 65.060 ms
Loss rate: 0.71%
```


Run 1: Report of LEDBAT — Data Link

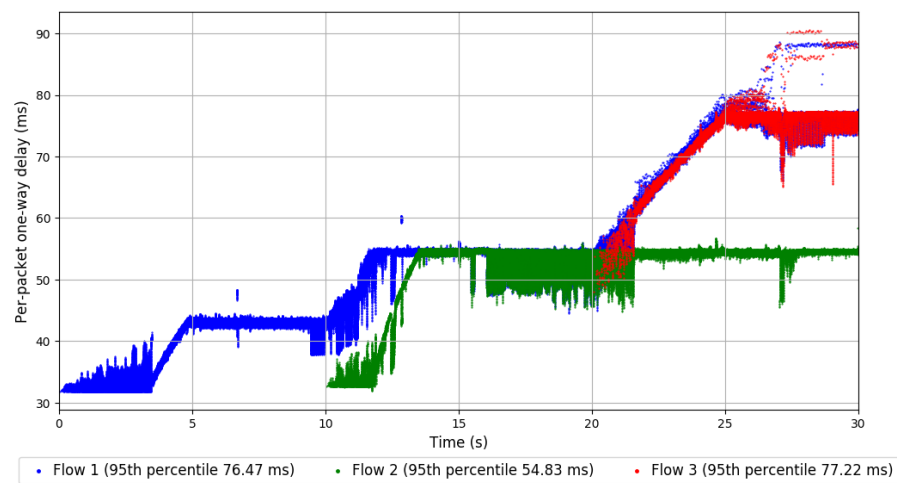
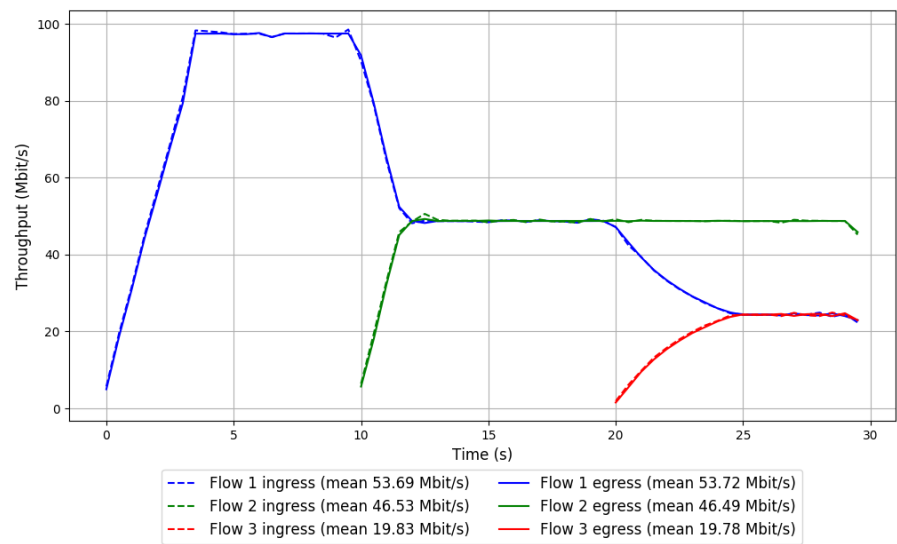


Run 2: Statistics of LEDBAT

Start at: 2018-02-20 10:17:44
End at: 2018-02-20 10:18:14
Local clock offset: 1.651 ms
Remote clock offset: -13.185 ms

Below is generated by plot.py at 2018-02-20 17:11:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.19 Mbit/s
95th percentile per-packet one-way delay: 76.675 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 76.469 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 46.49 Mbit/s
95th percentile per-packet one-way delay: 54.834 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 19.78 Mbit/s
95th percentile per-packet one-way delay: 77.223 ms
Loss rate: 0.91%

Run 2: Report of LEDBAT — Data Link

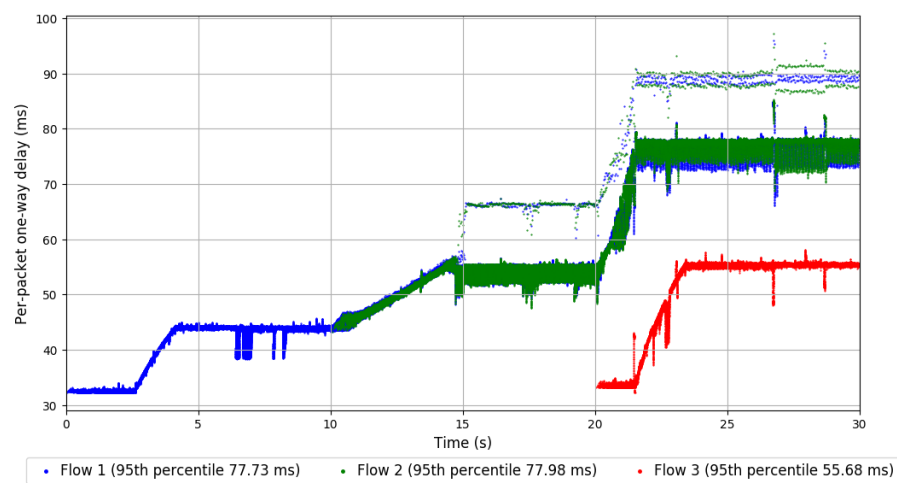
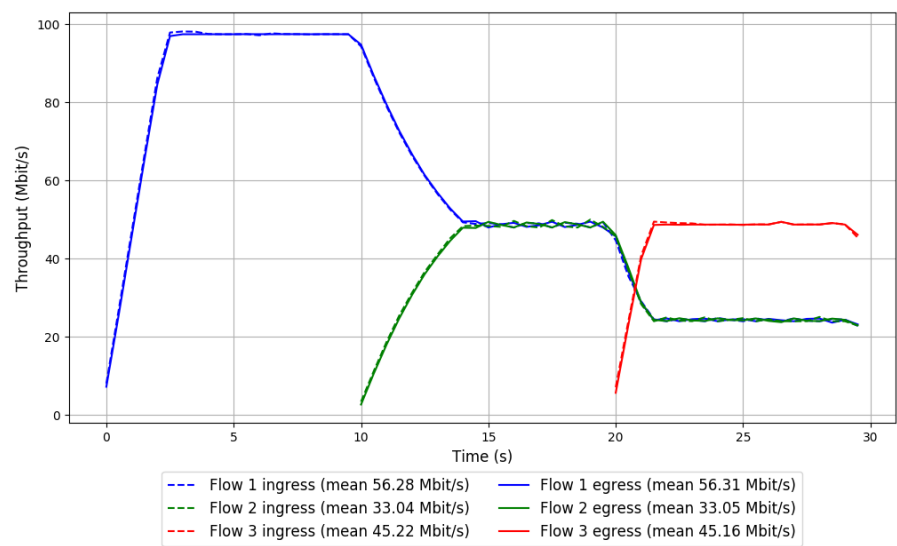


Run 3: Statistics of LEDBAT

Start at: 2018-02-20 10:39:21
End at: 2018-02-20 10:39:51
Local clock offset: 0.311 ms
Remote clock offset: -19.741 ms

Below is generated by plot.py at 2018-02-20 17:11:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.25 Mbit/s
95th percentile per-packet one-way delay: 77.804 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.31 Mbit/s
95th percentile per-packet one-way delay: 77.730 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 33.05 Mbit/s
95th percentile per-packet one-way delay: 77.980 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 45.16 Mbit/s
95th percentile per-packet one-way delay: 55.679 ms
Loss rate: 0.52%

Run 3: Report of LEDBAT — Data Link

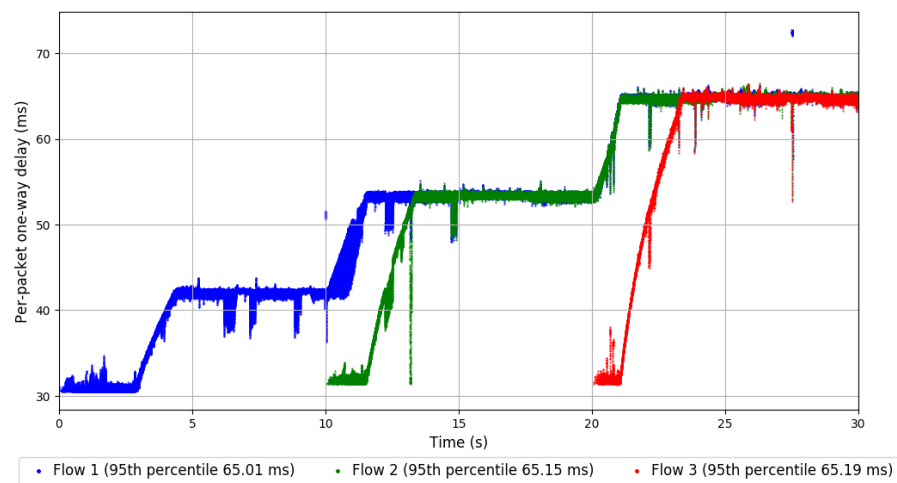
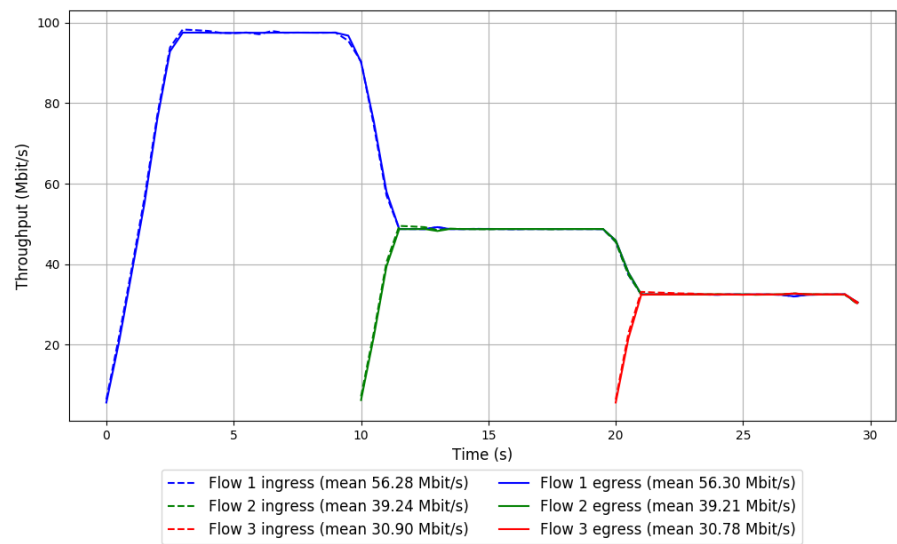


Run 4: Statistics of LEDBAT

Start at: 2018-02-20 11:02:02
End at: 2018-02-20 11:02:32
Local clock offset: -3.469 ms
Remote clock offset: -22.322 ms

Below is generated by plot.py at 2018-02-20 17:11:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.59 Mbit/s
95th percentile per-packet one-way delay: 65.104 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.30 Mbit/s
95th percentile per-packet one-way delay: 65.006 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.21 Mbit/s
95th percentile per-packet one-way delay: 65.151 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 65.192 ms
Loss rate: 0.63%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-02-20 11:24:38

End at: 2018-02-20 11:25:08

Local clock offset: 1.268 ms

Remote clock offset: -18.009 ms

Run 5: Report of LEDBAT — Data Link

Figure is missing

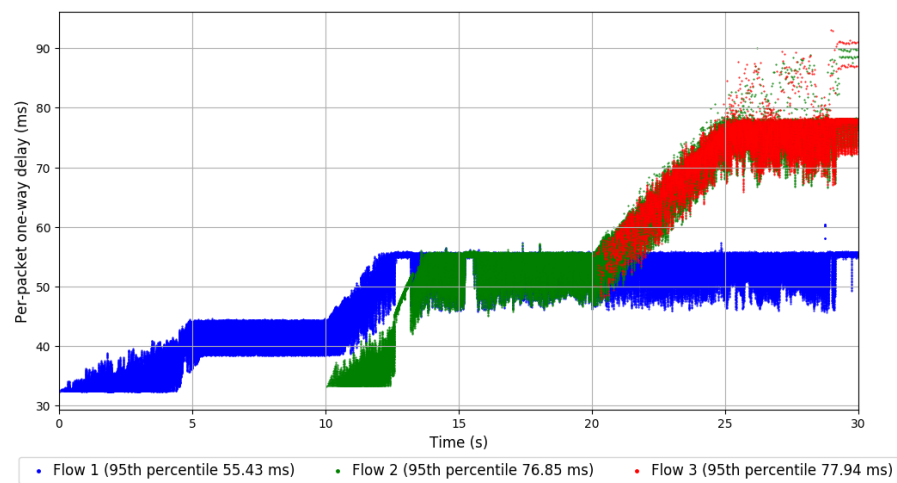
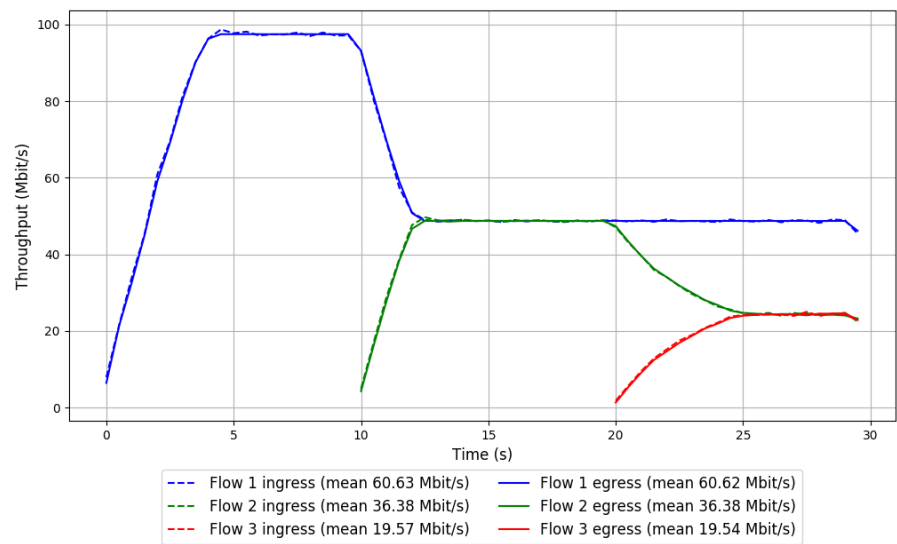
Figure is missing

Run 6: Statistics of LEDBAT

Start at: 2018-02-20 11:46:15
End at: 2018-02-20 11:46:45
Local clock offset: -1.491 ms
Remote clock offset: -18.291 ms

Below is generated by plot.py at 2018-02-20 17:11:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 75.095 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 60.62 Mbit/s
95th percentile per-packet one-way delay: 55.428 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 76.852 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 19.54 Mbit/s
95th percentile per-packet one-way delay: 77.935 ms
Loss rate: 0.87%

Run 6: Report of LEDBAT — Data Link

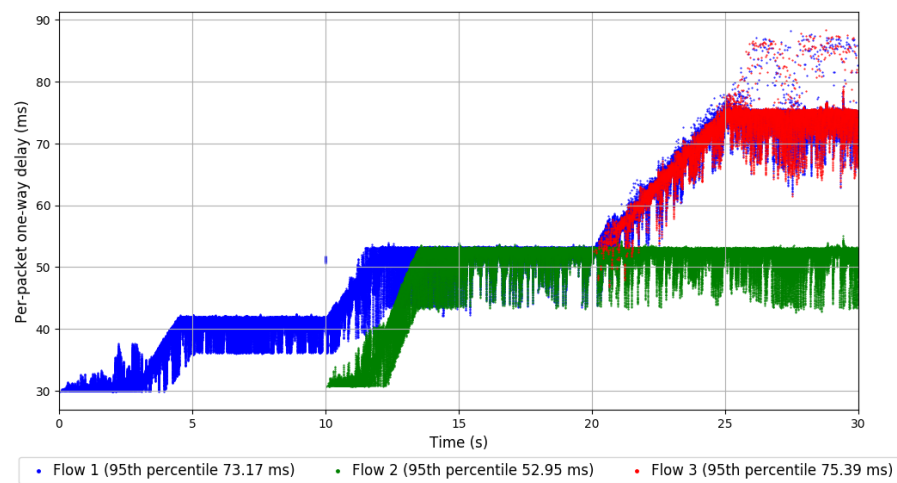
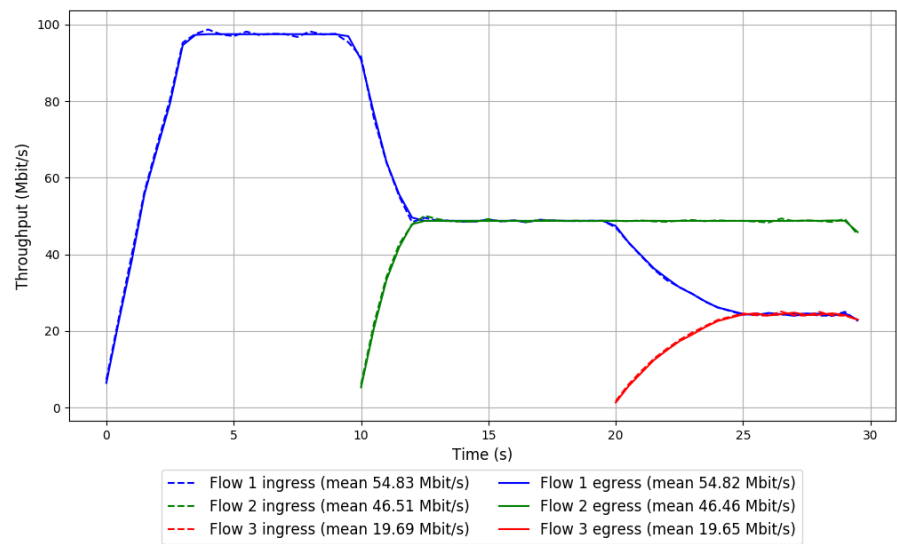


Run 7: Statistics of LEDBAT

Start at: 2018-02-20 12:08:03
End at: 2018-02-20 12:08:33
Local clock offset: -2.69 ms
Remote clock offset: -21.145 ms

Below is generated by plot.py at 2018-02-20 17:13:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: 73.746 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 54.82 Mbit/s
95th percentile per-packet one-way delay: 73.173 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 46.46 Mbit/s
95th percentile per-packet one-way delay: 52.952 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 19.65 Mbit/s
95th percentile per-packet one-way delay: 75.388 ms
Loss rate: 0.83%

Run 7: Report of LEDBAT — Data Link

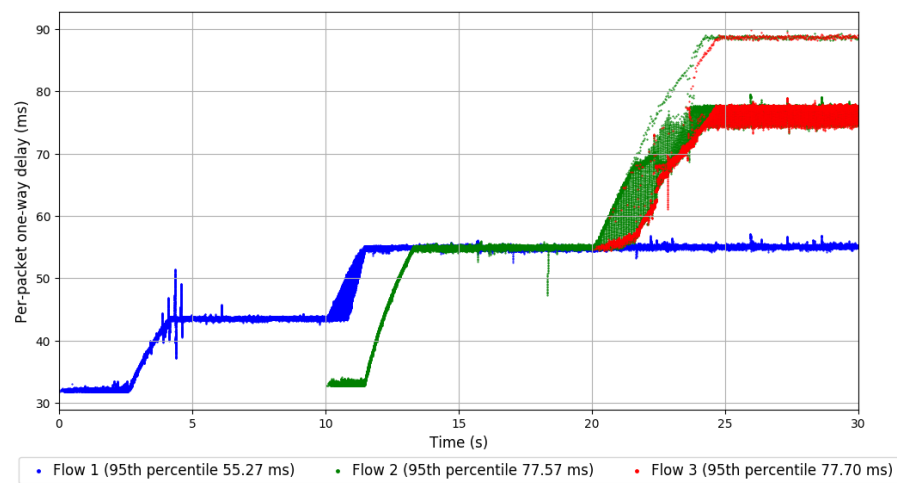
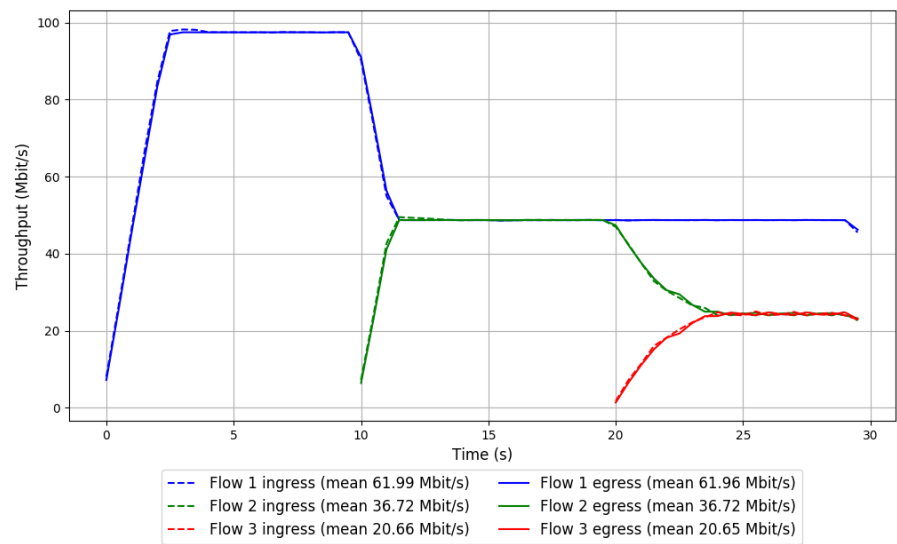


Run 8: Statistics of LEDBAT

Start at: 2018-02-20 12:30:15
End at: 2018-02-20 12:30:45
Local clock offset: 0.961 ms
Remote clock offset: -23.231 ms

Below is generated by plot.py at 2018-02-20 17:13:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 77.426 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 61.96 Mbit/s
95th percentile per-packet one-way delay: 55.266 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 77.568 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.65 Mbit/s
95th percentile per-packet one-way delay: 77.700 ms
Loss rate: 0.81%

Run 8: Report of LEDBAT — Data Link

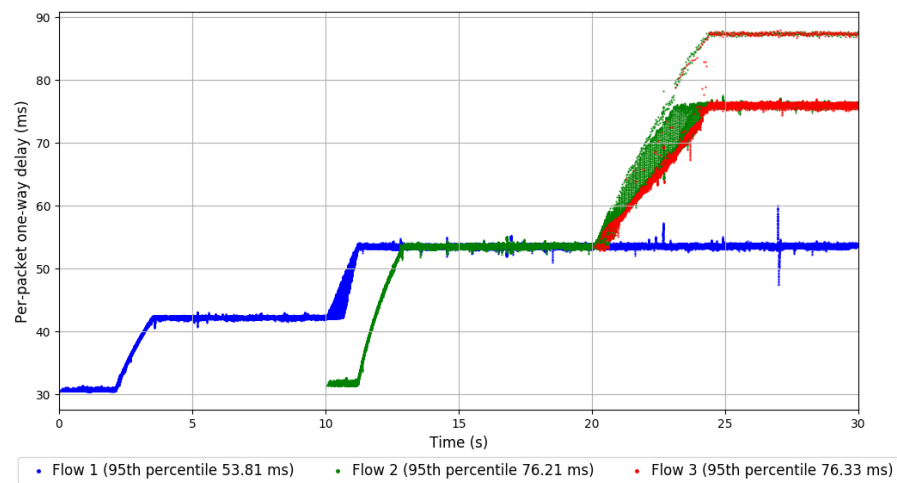
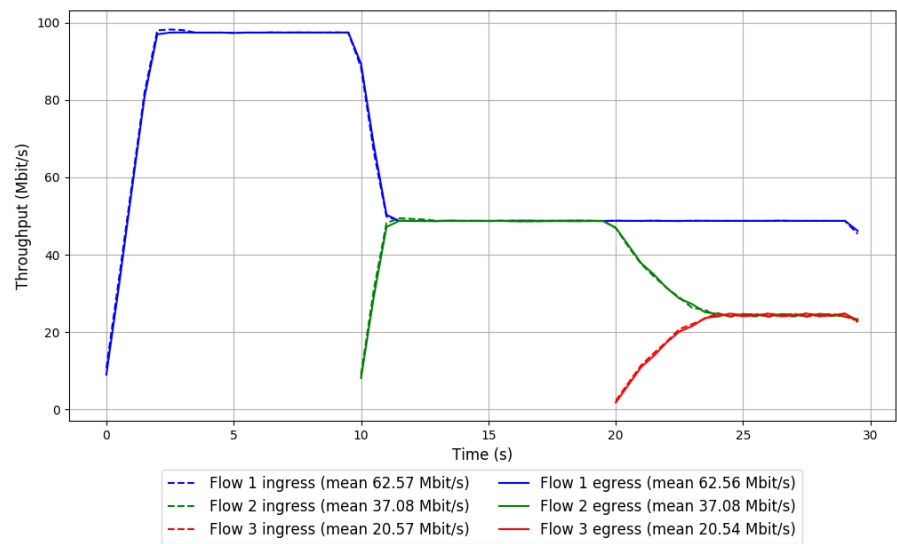


Run 9: Statistics of LEDBAT

Start at: 2018-02-20 12:52:26
End at: 2018-02-20 12:52:56
Local clock offset: -4.006 ms
Remote clock offset: -20.141 ms

Below is generated by plot.py at 2018-02-20 17:13:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 76.122 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.56 Mbit/s
95th percentile per-packet one-way delay: 53.809 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 37.08 Mbit/s
95th percentile per-packet one-way delay: 76.214 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 76.334 ms
Loss rate: 0.81%

Run 9: Report of LEDBAT — Data Link

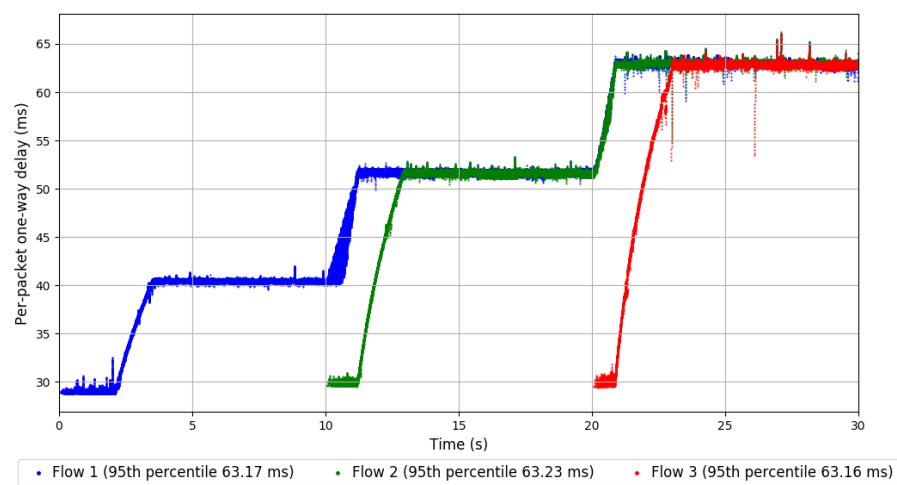
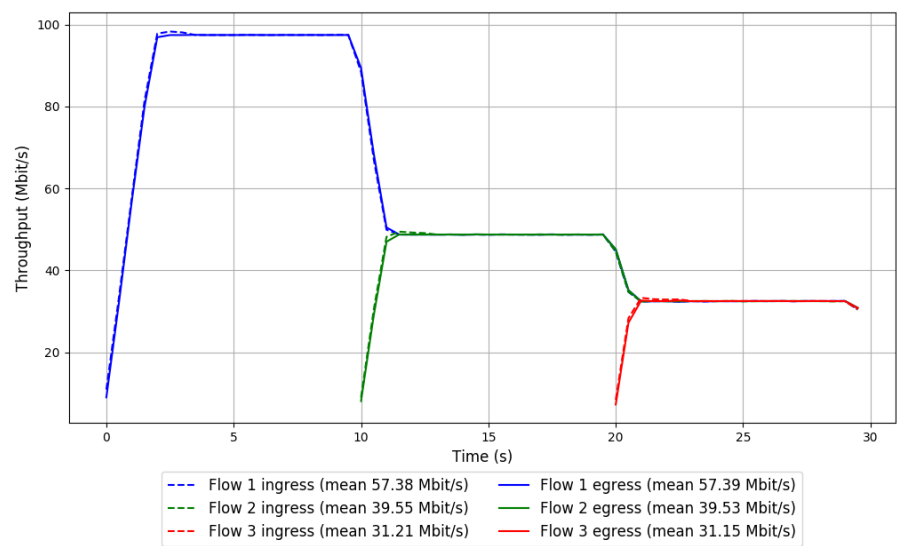


Run 10: Statistics of LEDBAT

Start at: 2018-02-20 13:13:57
End at: 2018-02-20 13:14:28
Local clock offset: -4.867 ms
Remote clock offset: -18.257 ms

Below is generated by plot.py at 2018-02-20 17:13:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 63.193 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.39 Mbit/s
95th percentile per-packet one-way delay: 63.167 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 63.226 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 63.164 ms
Loss rate: 0.60%

Run 10: Report of LEDBAT — Data Link

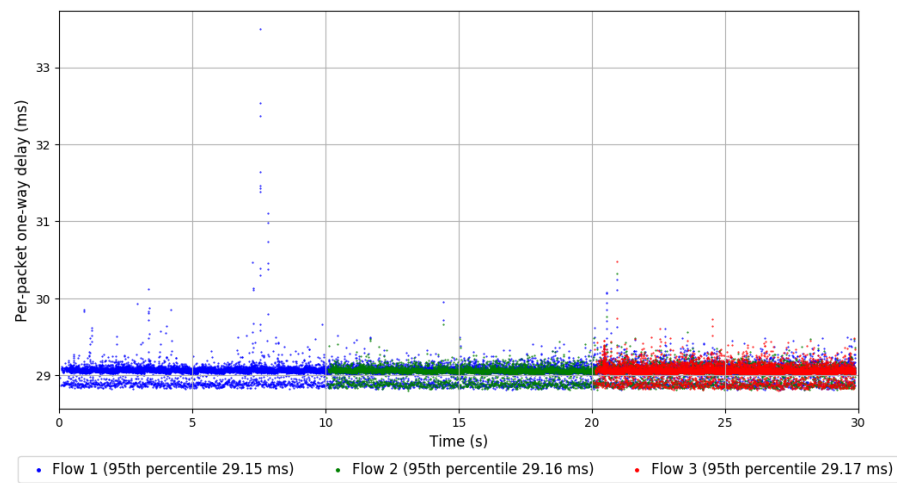
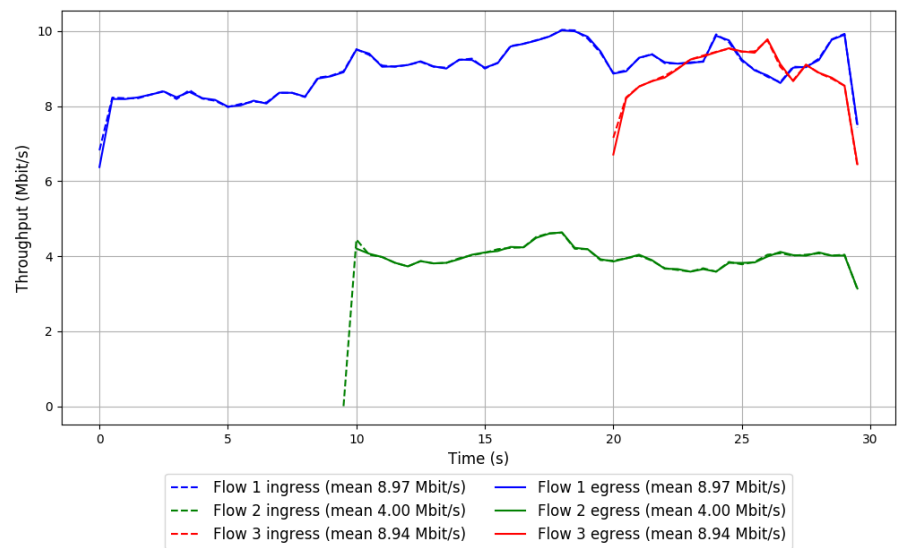


```
Run 1: Statistics of PCC

Start at: 2018-02-20 10:03:25
End at: 2018-02-20 10:03:55
Local clock offset: -2.629 ms
Remote clock offset: -11.261 ms

# Below is generated by plot.py at 2018-02-20 17:13:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.57 Mbit/s
95th percentile per-packet one-way delay: 29.157 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 8.97 Mbit/s
95th percentile per-packet one-way delay: 29.149 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 29.157 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 8.94 Mbit/s
95th percentile per-packet one-way delay: 29.172 ms
Loss rate: 0.25%
```

Run 1: Report of PCC — Data Link

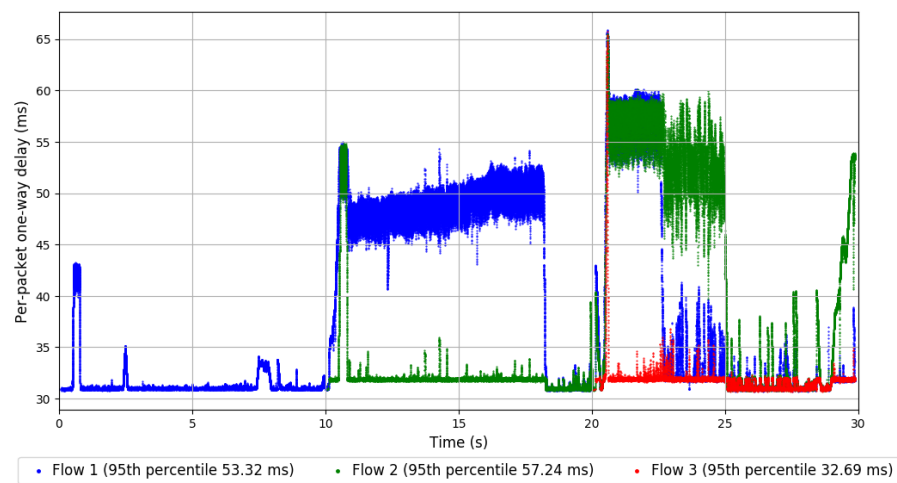
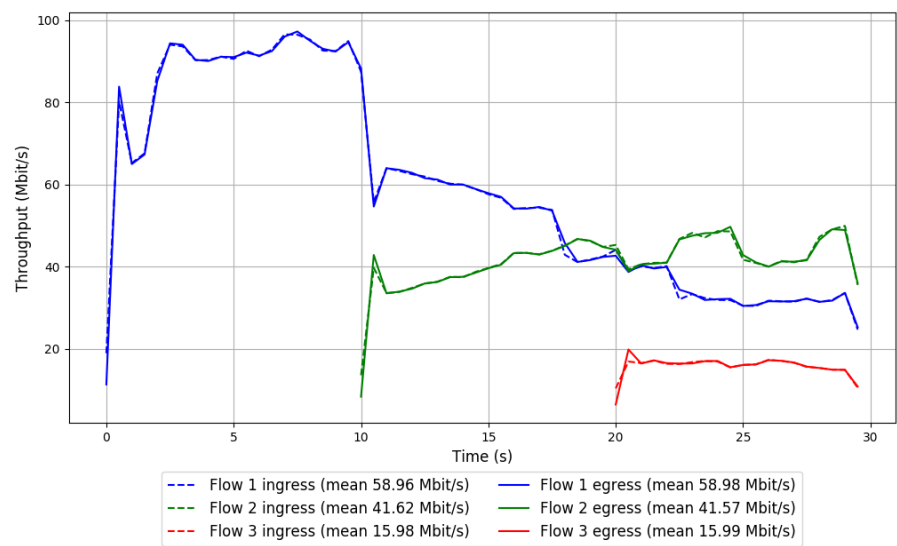


Run 2: Statistics of PCC

Start at: 2018-02-20 10:24:56
End at: 2018-02-20 10:25:26
Local clock offset: -0.333 ms
Remote clock offset: -17.237 ms

Below is generated by plot.py at 2018-02-20 17:13:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.87 Mbit/s
95th percentile per-packet one-way delay: 55.664 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 53.324 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 41.57 Mbit/s
95th percentile per-packet one-way delay: 57.240 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 32.692 ms
Loss rate: 0.21%

Run 2: Report of PCC — Data Link

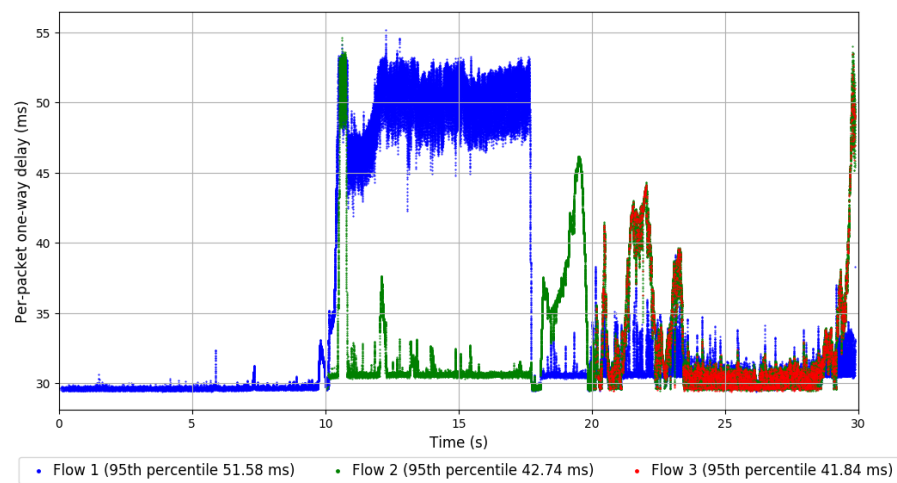
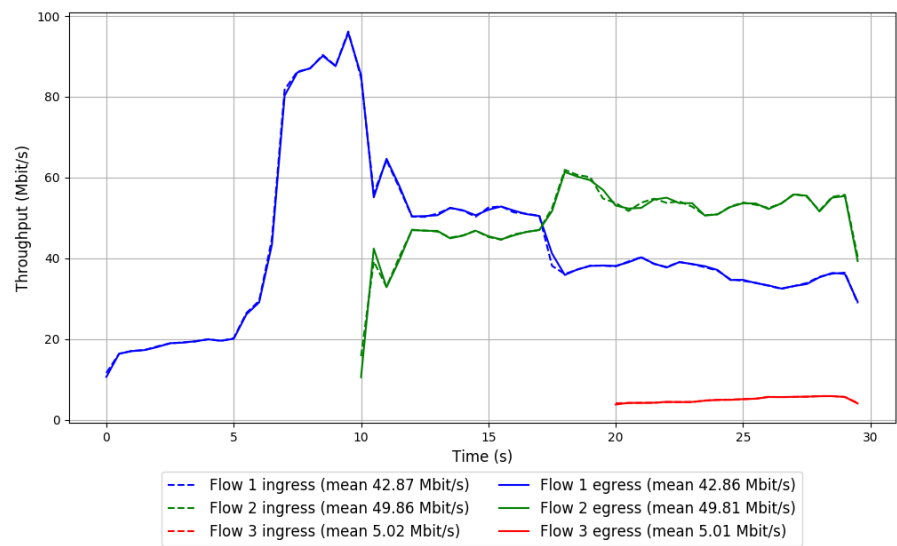


Run 3: Statistics of PCC

Start at: 2018-02-20 10:46:46
End at: 2018-02-20 10:47:16
Local clock offset: -1.366 ms
Remote clock offset: -19.222 ms

Below is generated by plot.py at 2018-02-20 17:13:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.62 Mbit/s
95th percentile per-packet one-way delay: 50.987 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 42.86 Mbit/s
95th percentile per-packet one-way delay: 51.576 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 42.738 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 41.835 ms
Loss rate: 0.54%

Run 3: Report of PCC — Data Link

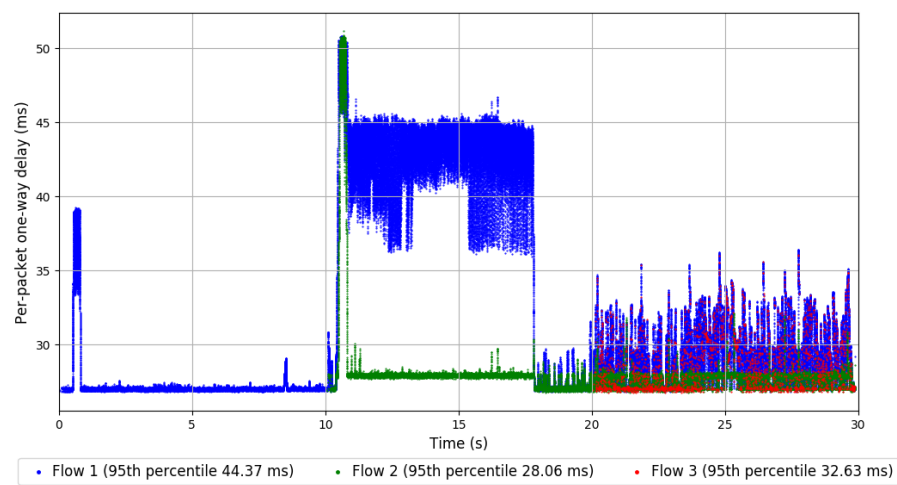
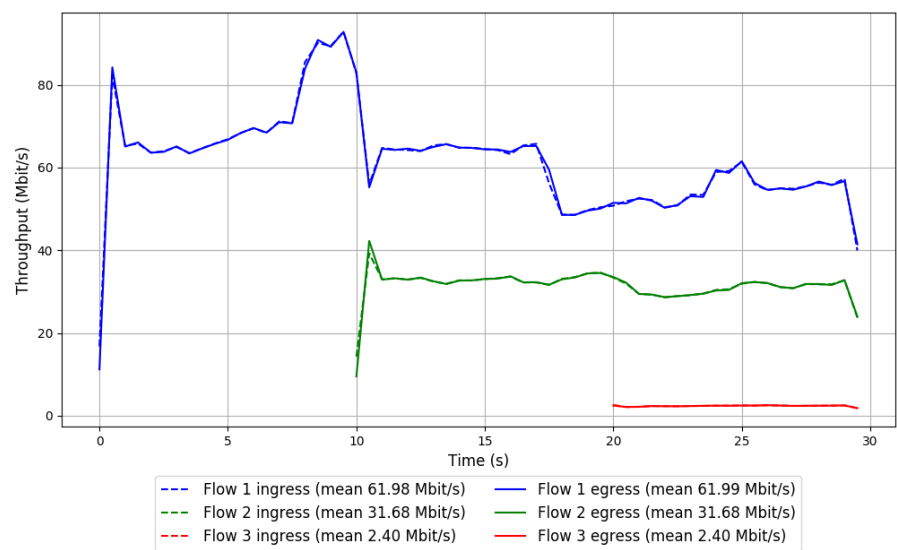


Run 4: Statistics of PCC

Start at: 2018-02-20 11:10:14
End at: 2018-02-20 11:10:44
Local clock offset: -3.34 ms
Remote clock offset: -18.858 ms

Below is generated by plot.py at 2018-02-20 17:13:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.84 Mbit/s
95th percentile per-packet one-way delay: 44.198 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 44.373 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 28.059 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 32.632 ms
Loss rate: 0.26%

Run 4: Report of PCC — Data Link

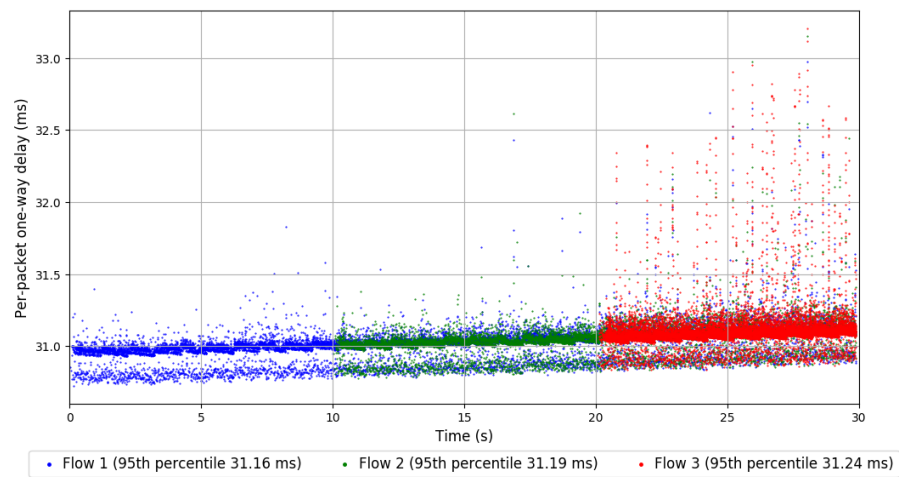
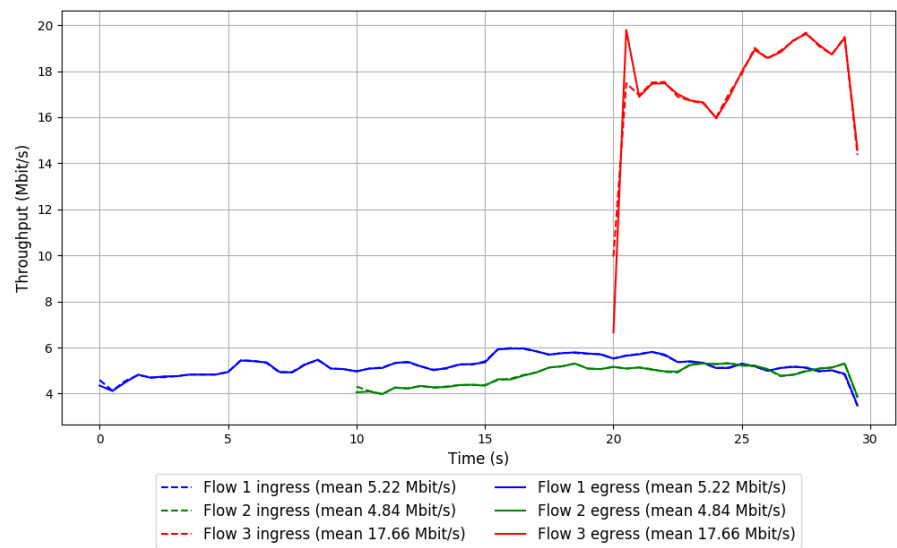


Run 5: Statistics of PCC

Start at: 2018-02-20 11:31:56
End at: 2018-02-20 11:32:26
Local clock offset: -0.394 ms
Remote clock offset: -18.028 ms

Below is generated by plot.py at 2018-02-20 17:13:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.25 Mbit/s
95th percentile per-packet one-way delay: 31.199 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 31.163 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 31.191 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 31.242 ms
Loss rate: 0.28%

Run 5: Report of PCC — Data Link

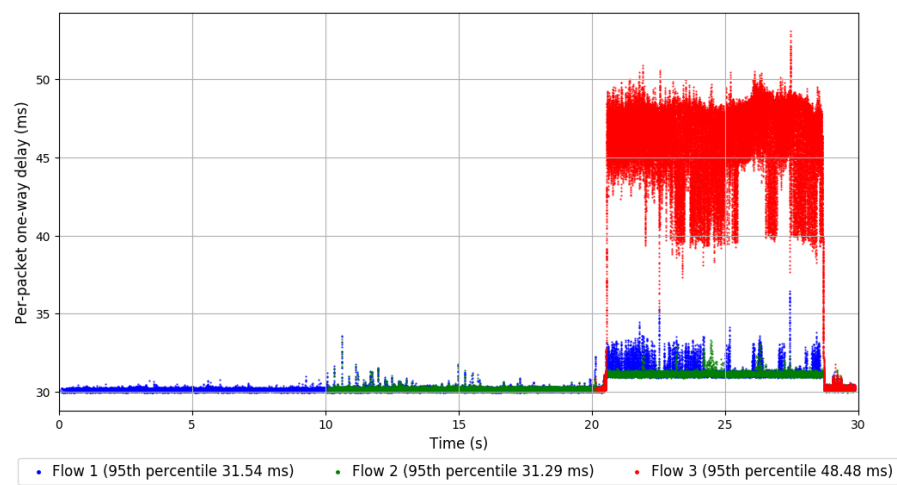
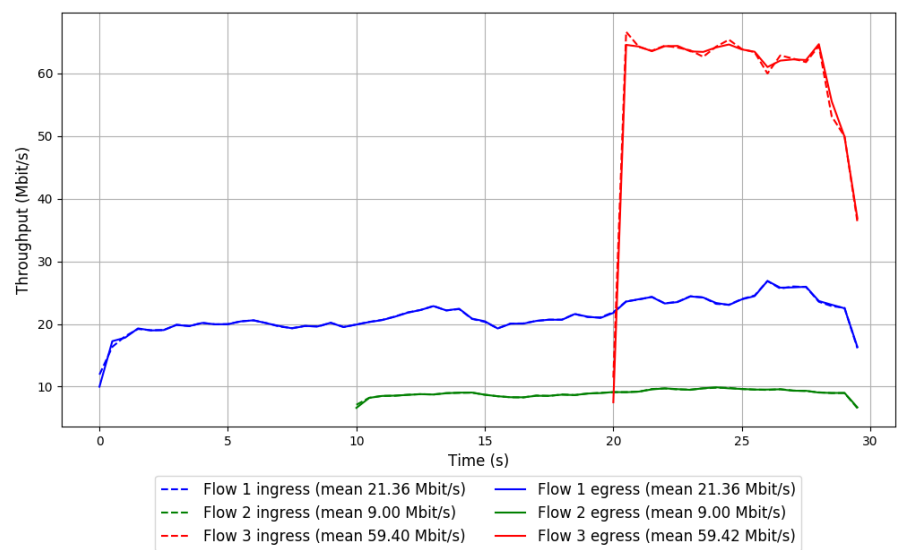


Run 6: Statistics of PCC

Start at: 2018-02-20 11:53:25
End at: 2018-02-20 11:53:55
Local clock offset: -2.696 ms
Remote clock offset: -16.782 ms

Below is generated by plot.py at 2018-02-20 17:13:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.89 Mbit/s
95th percentile per-packet one-way delay: 47.979 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 21.36 Mbit/s
95th percentile per-packet one-way delay: 31.544 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 31.292 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 48.478 ms
Loss rate: 0.21%

Run 6: Report of PCC — Data Link

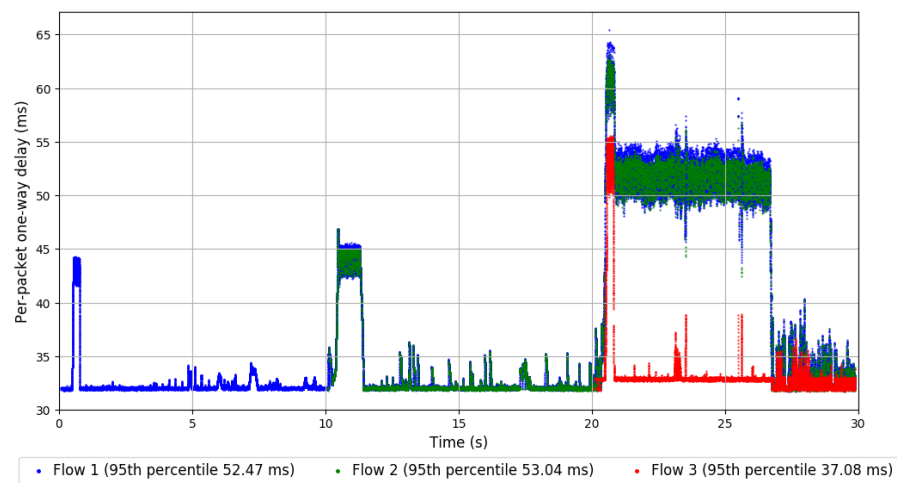
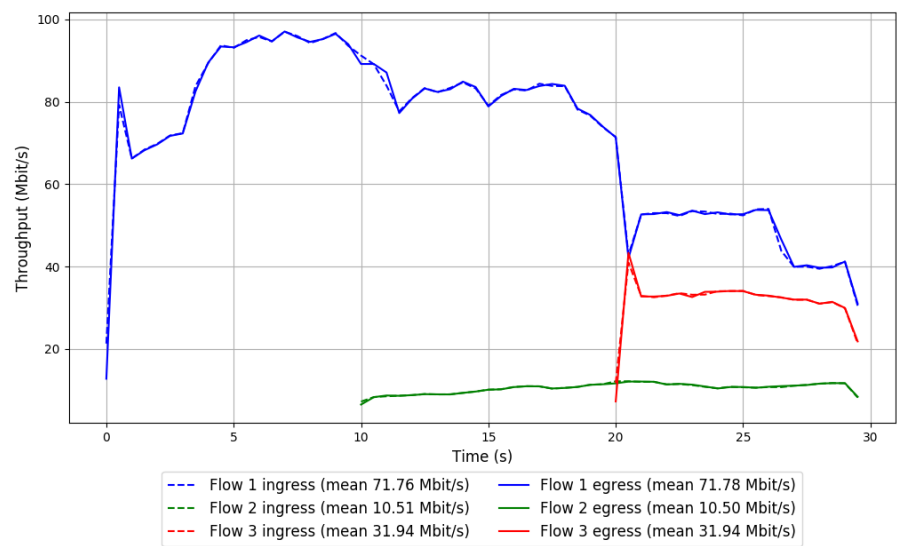


Run 7: Statistics of PCC

Start at: 2018-02-20 12:15:24
End at: 2018-02-20 12:15:54
Local clock offset: 0.295 ms
Remote clock offset: -22.221 ms

Below is generated by plot.py at 2018-02-20 17:14:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.28 Mbit/s
95th percentile per-packet one-way delay: 52.503 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 71.78 Mbit/s
95th percentile per-packet one-way delay: 52.472 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 10.50 Mbit/s
95th percentile per-packet one-way delay: 53.038 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 37.081 ms
Loss rate: 0.23%

Run 7: Report of PCC — Data Link

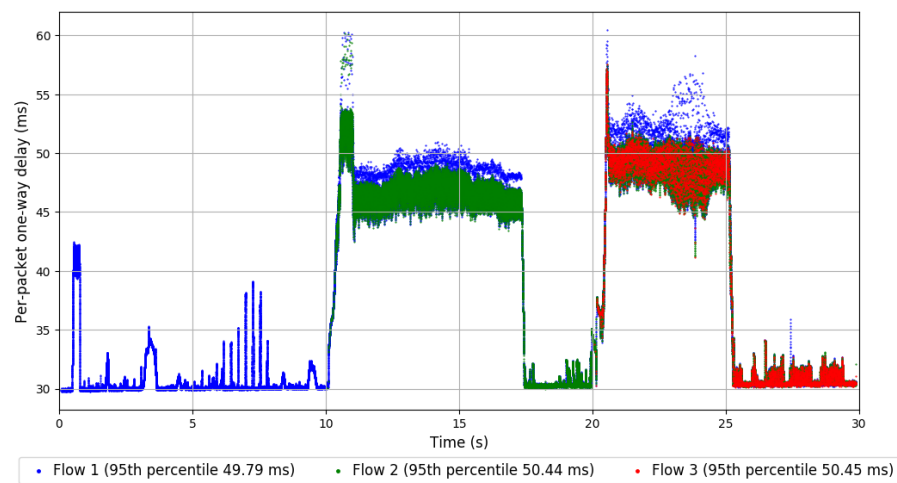
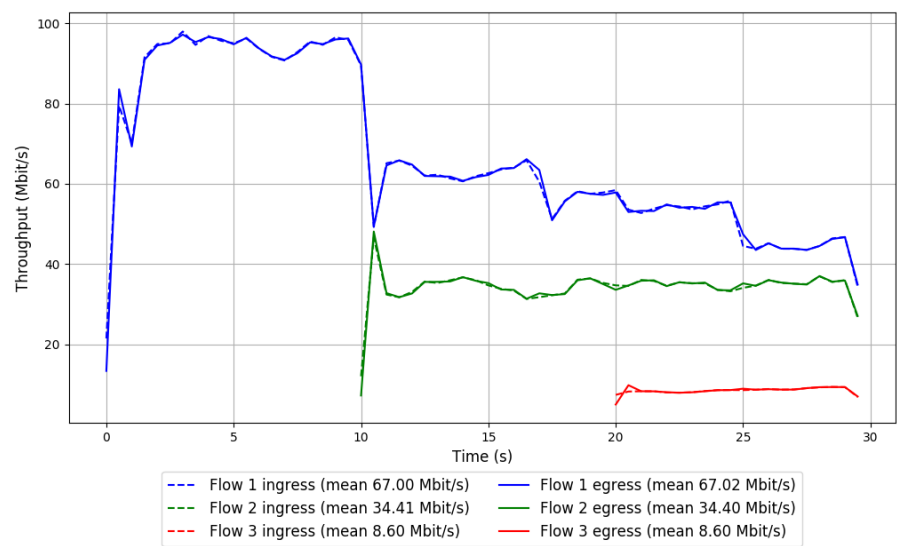


Run 8: Statistics of PCC

Start at: 2018-02-20 12:37:34
End at: 2018-02-20 12:38:04
Local clock offset: -0.077 ms
Remote clock offset: -20.552 ms

Below is generated by plot.py at 2018-02-20 17:14:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 50.032 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 67.02 Mbit/s
95th percentile per-packet one-way delay: 49.791 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 50.436 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 50.452 ms
Loss rate: 0.27%

Run 8: Report of PCC — Data Link

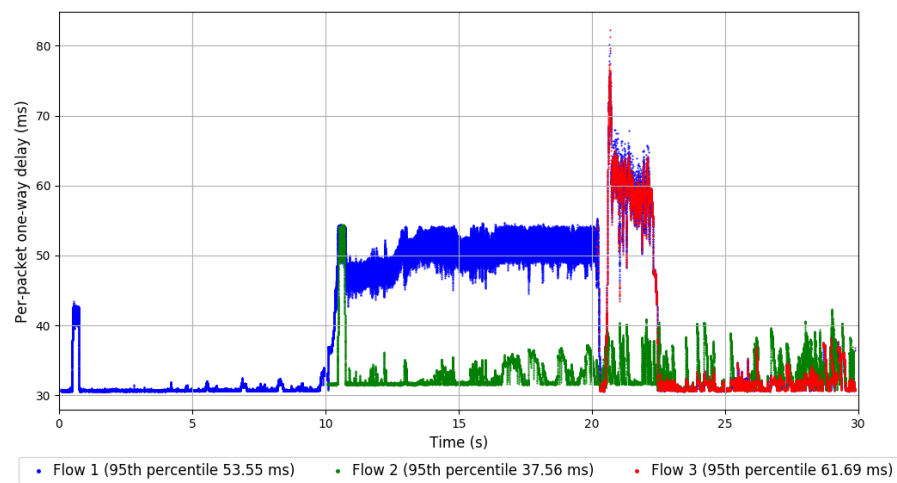
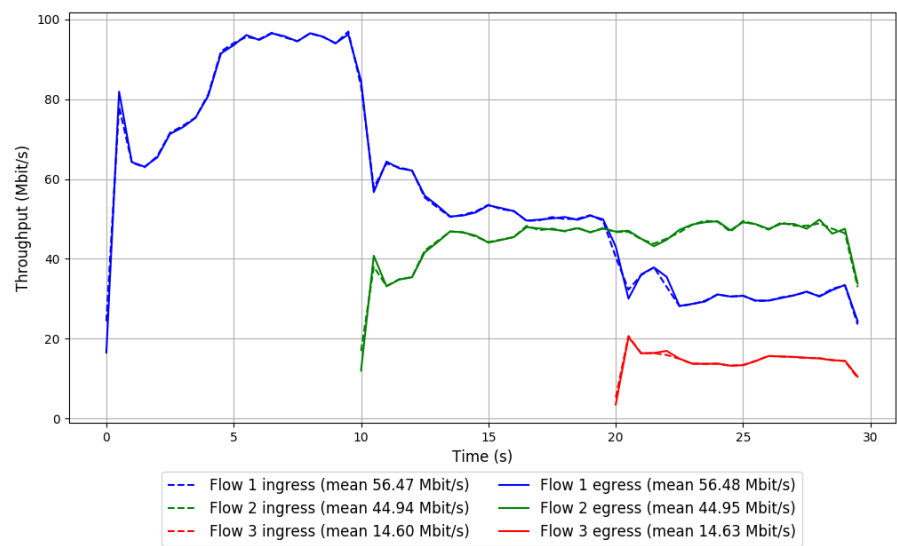


Run 9: Statistics of PCC

Start at: 2018-02-20 12:59:29
End at: 2018-02-20 12:59:59
Local clock offset: -4.8 ms
Remote clock offset: -19.697 ms

Below is generated by plot.py at 2018-02-20 17:14:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.15 Mbit/s
95th percentile per-packet one-way delay: 53.235 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 53.550 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 37.556 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 61.686 ms
Loss rate: 0.21%

Run 9: Report of PCC — Data Link

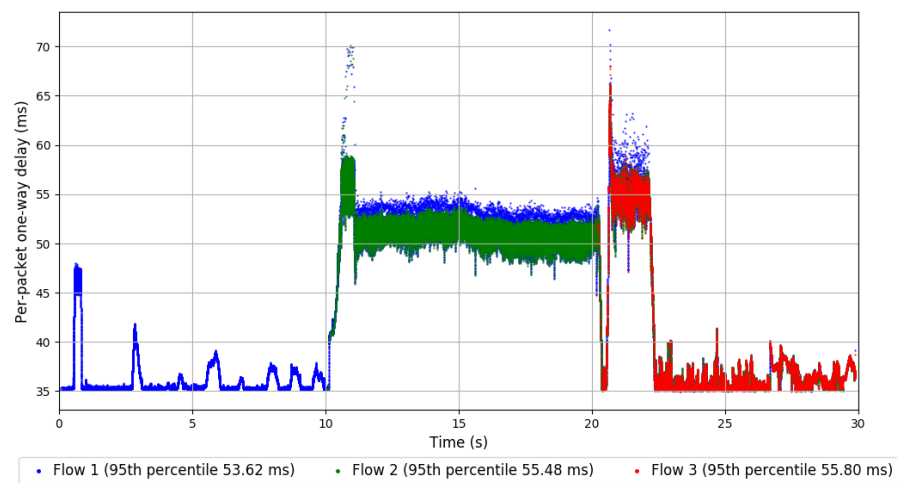
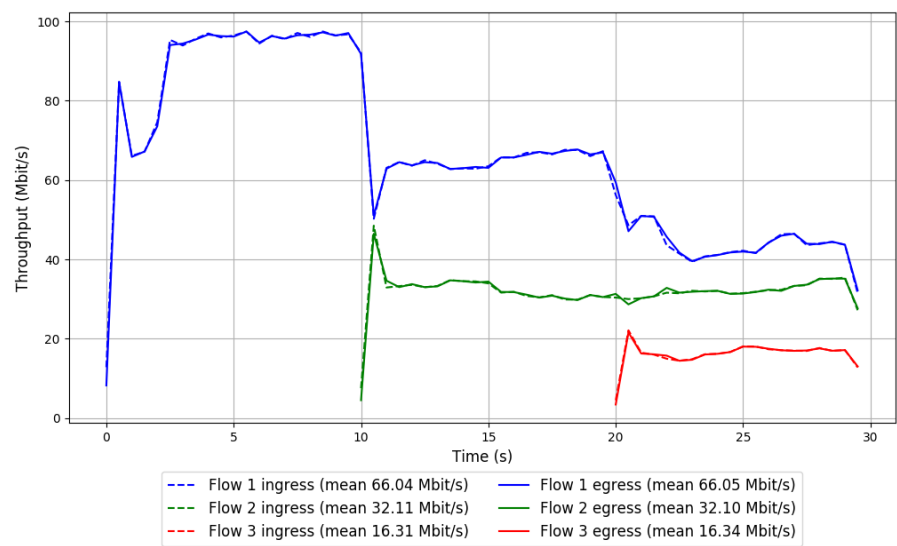


Run 10: Statistics of PCC

Start at: 2018-02-20 13:21:13
End at: 2018-02-20 13:21:43
Local clock offset: -3.068 ms
Remote clock offset: -19.383 ms

Below is generated by plot.py at 2018-02-20 17:14:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 54.525 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 66.05 Mbit/s
95th percentile per-packet one-way delay: 53.624 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 32.10 Mbit/s
95th percentile per-packet one-way delay: 55.483 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 55.805 ms
Loss rate: 0.31%

Run 10: Report of PCC — Data Link

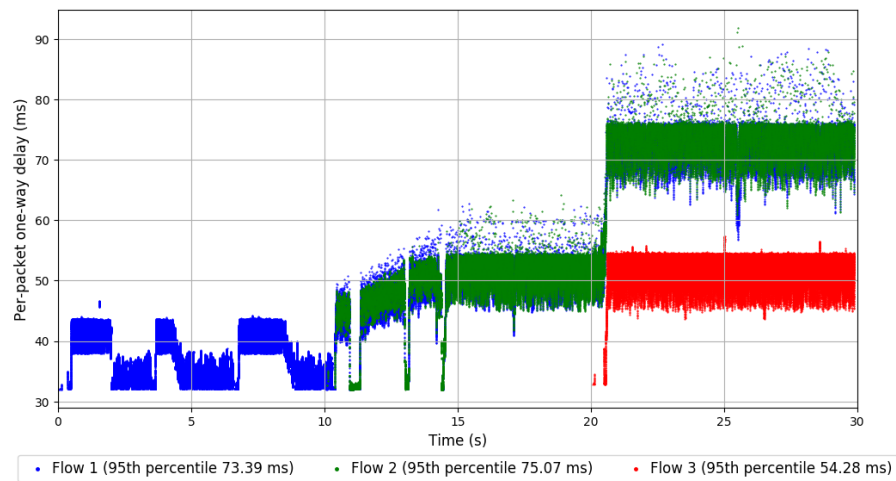
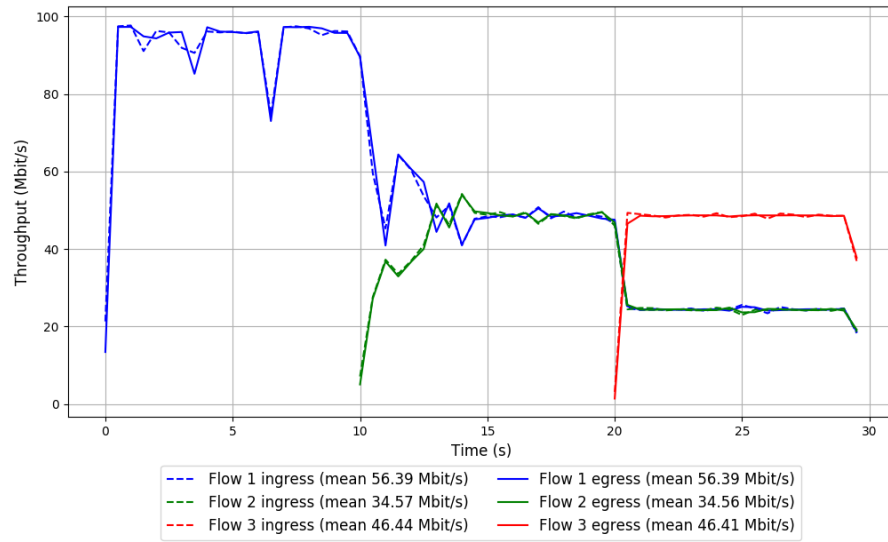


Run 1: Statistics of QUIC Cubic

Start at: 2018-02-20 09:47:17
End at: 2018-02-20 09:47:47
Local clock offset: -5.139 ms
Remote clock offset: -14.572 ms

Below is generated by plot.py at 2018-02-20 17:14:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 73.885 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 73.394 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 75.068 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 46.41 Mbit/s
95th percentile per-packet one-way delay: 54.280 ms
Loss rate: 0.45%

Run 1: Report of QUIC Cubic — Data Link

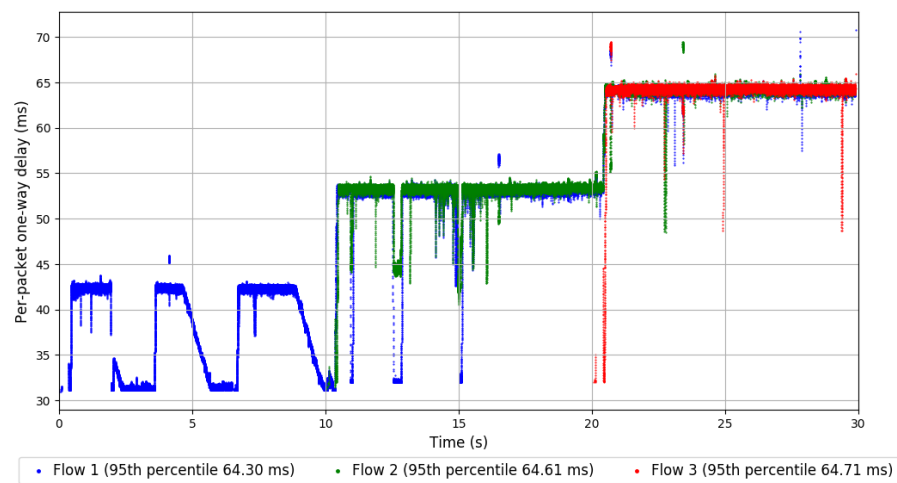
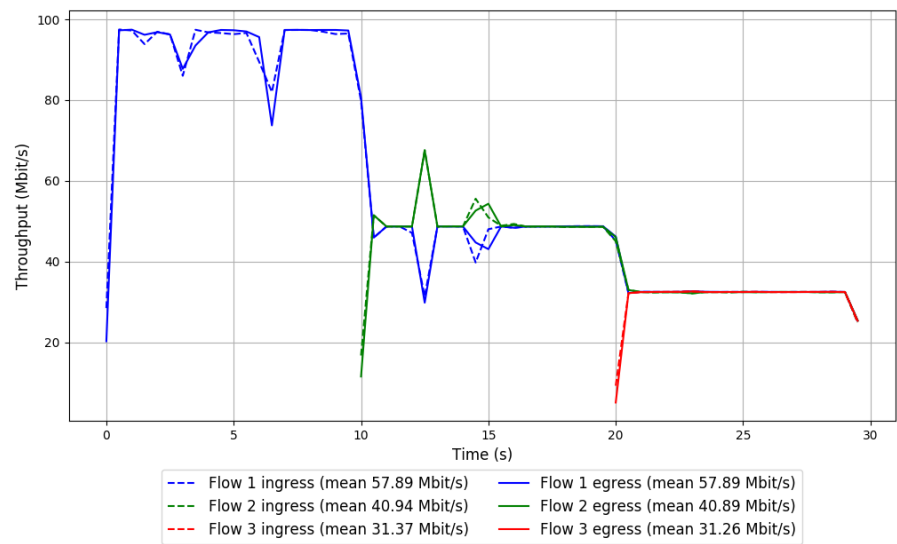


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-20 10:09:20
End at: 2018-02-20 10:09:50
Local clock offset: -0.081 ms
Remote clock offset: -10.864 ms

Below is generated by plot.py at 2018-02-20 17:14:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 64.547 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.89 Mbit/s
95th percentile per-packet one-way delay: 64.303 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.89 Mbit/s
95th percentile per-packet one-way delay: 64.613 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 64.706 ms
Loss rate: 0.61%

Run 2: Report of QUIC Cubic — Data Link

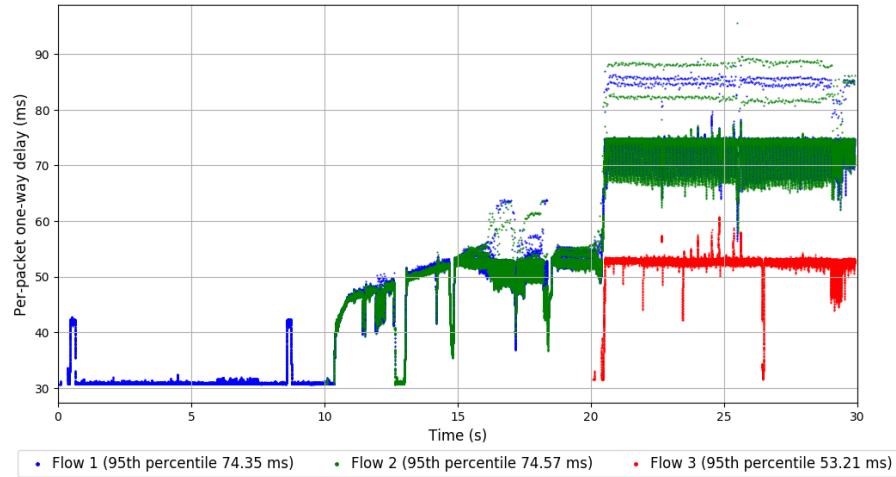
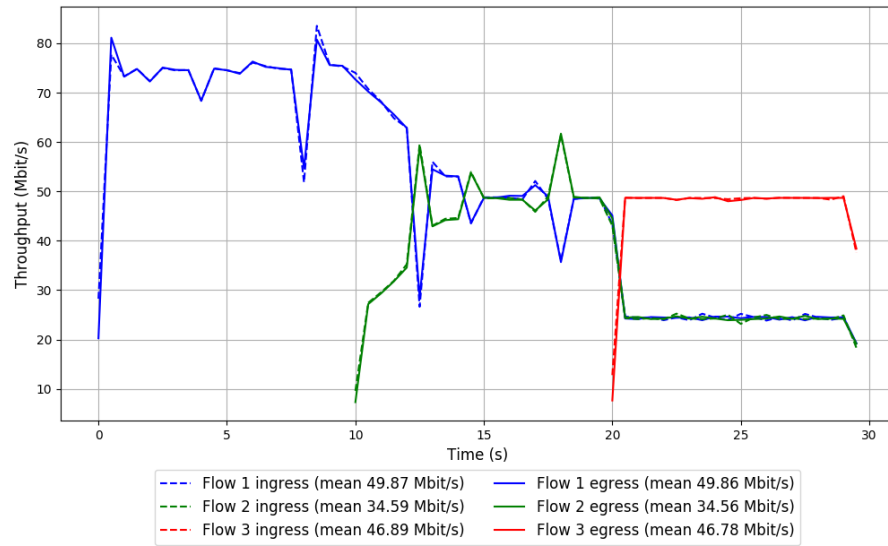


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-20 10:31:01
End at: 2018-02-20 10:31:31
Local clock offset: -0.621 ms
Remote clock offset: -18.195 ms

Below is generated by plot.py at 2018-02-20 17:14:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.24 Mbit/s
95th percentile per-packet one-way delay: 74.396 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 74.347 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 74.571 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: 53.206 ms
Loss rate: 0.55%

Run 3: Report of QUIC Cubic — Data Link

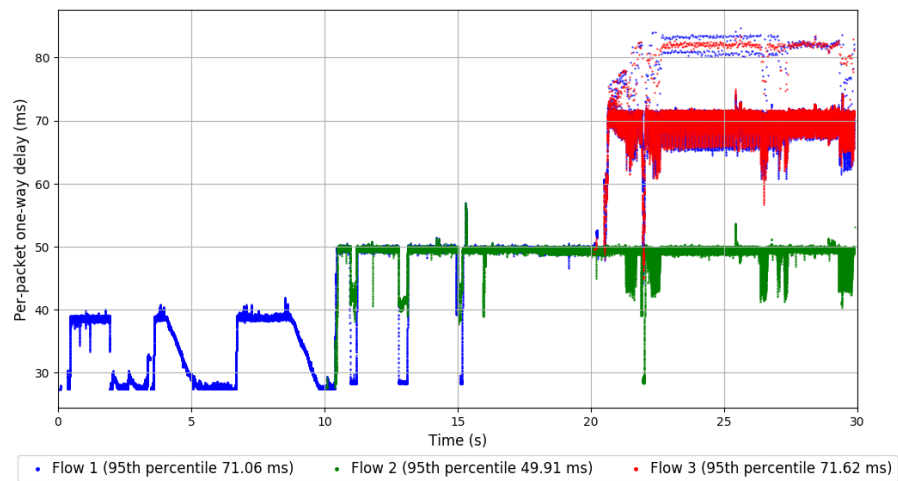
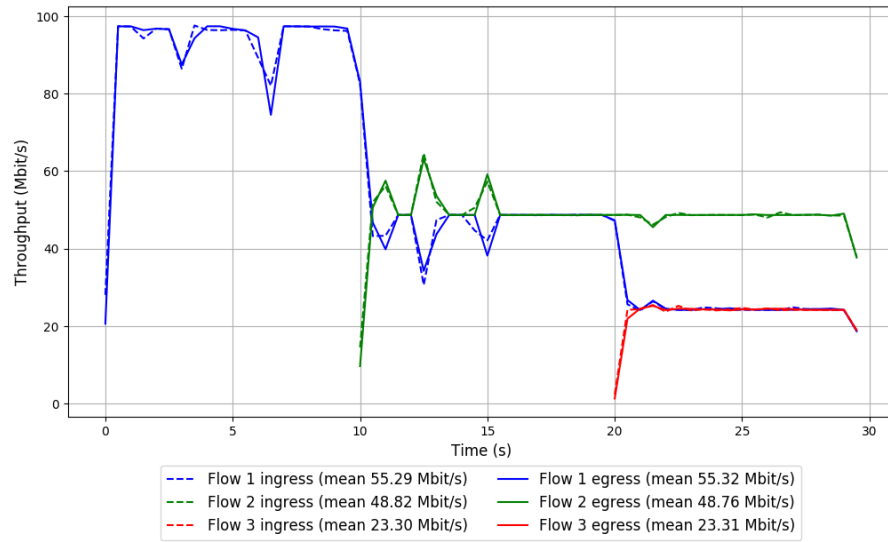


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-20 10:53:09
End at: 2018-02-20 10:53:39
Local clock offset: -3.713 ms
Remote clock offset: -19.376 ms

Below is generated by plot.py at 2018-02-20 17:14:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 71.142 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.32 Mbit/s
95th percentile per-packet one-way delay: 71.056 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.76 Mbit/s
95th percentile per-packet one-way delay: 49.905 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.31 Mbit/s
95th percentile per-packet one-way delay: 71.622 ms
Loss rate: 0.70%

Run 4: Report of QUIC Cubic — Data Link

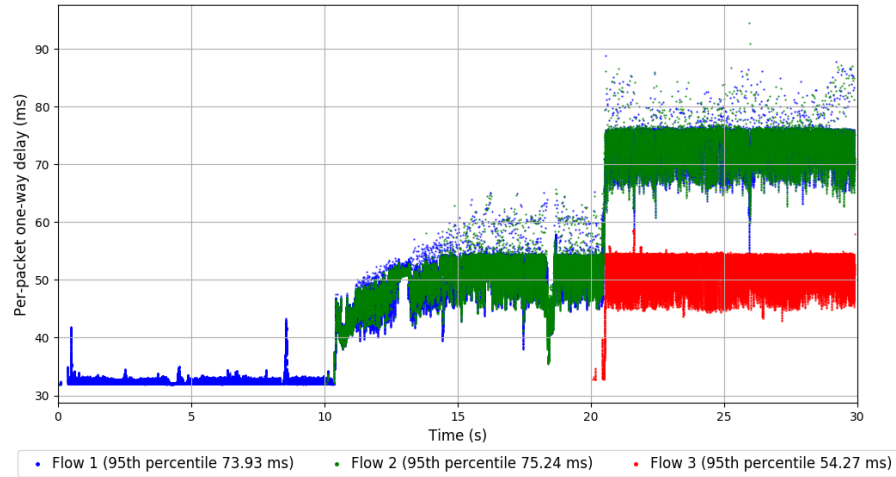
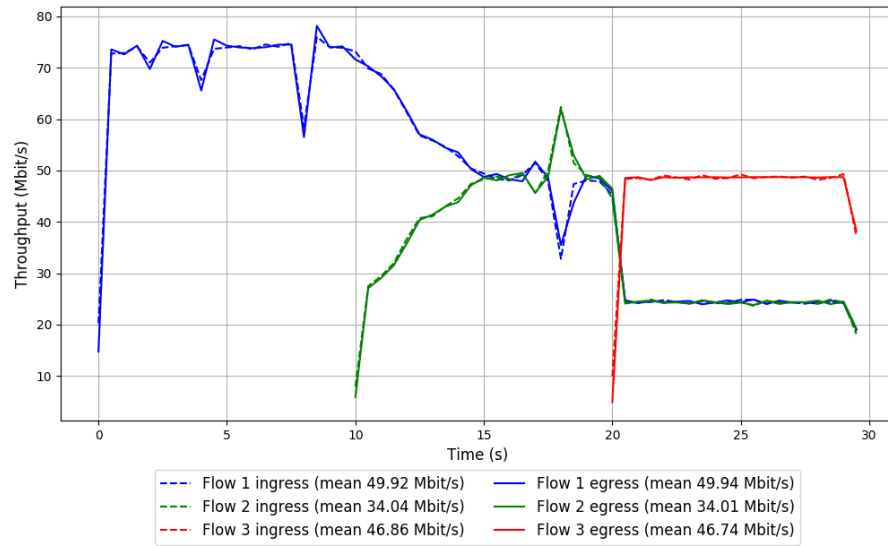


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-20 11:16:19
End at: 2018-02-20 11:16:49
Local clock offset: 0.261 ms
Remote clock offset: -20.466 ms

Below is generated by plot.py at 2018-02-20 17:16:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 74.229 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 49.94 Mbit/s
95th percentile per-packet one-way delay: 73.928 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 34.01 Mbit/s
95th percentile per-packet one-way delay: 75.240 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 54.272 ms
Loss rate: 0.47%

Run 5: Report of QUIC Cubic — Data Link

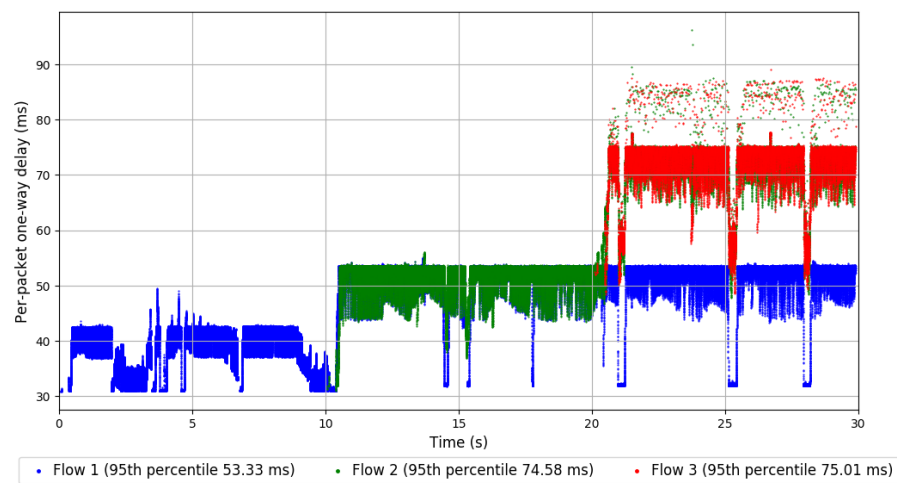
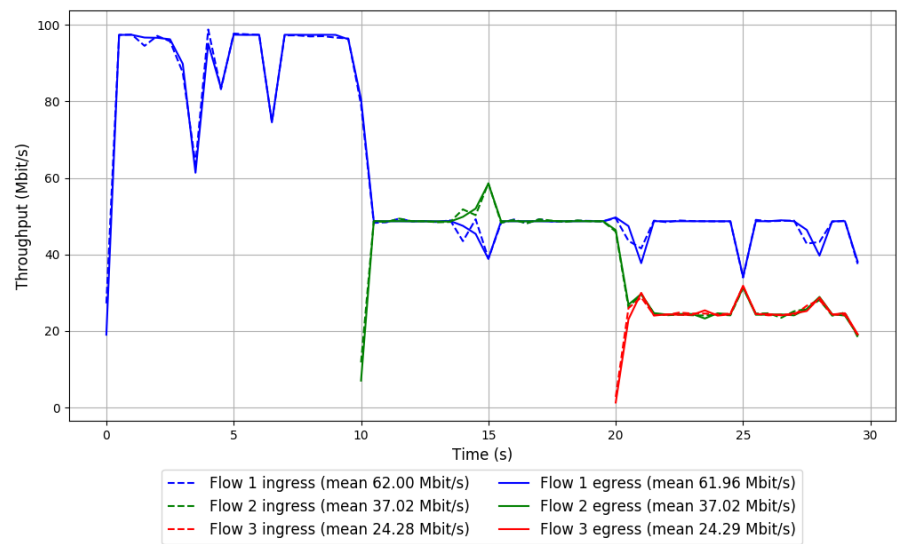


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-20 11:37:50
End at: 2018-02-20 11:38:20
Local clock offset: -1.421 ms
Remote clock offset: -17.729 ms

Below is generated by plot.py at 2018-02-20 17:16:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.54 Mbit/s
95th percentile per-packet one-way delay: 73.895 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 61.96 Mbit/s
95th percentile per-packet one-way delay: 53.327 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 37.02 Mbit/s
95th percentile per-packet one-way delay: 74.579 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 75.009 ms
Loss rate: 0.67%

Run 6: Report of QUIC Cubic — Data Link

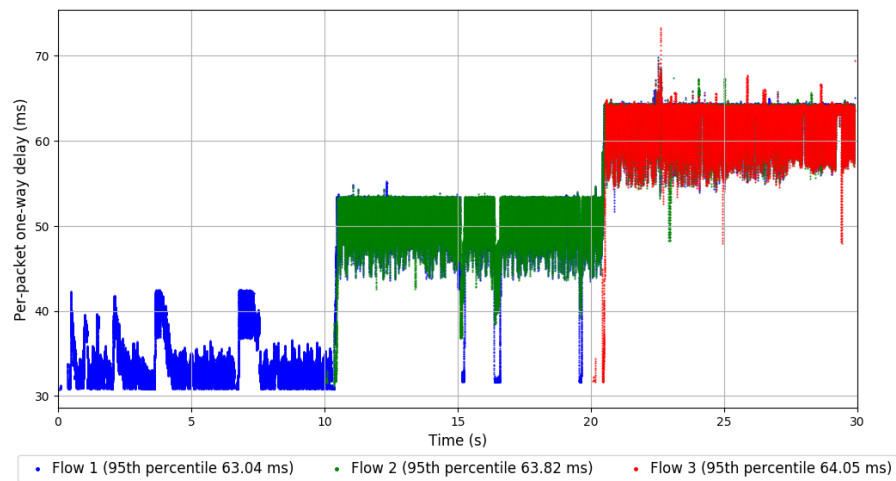
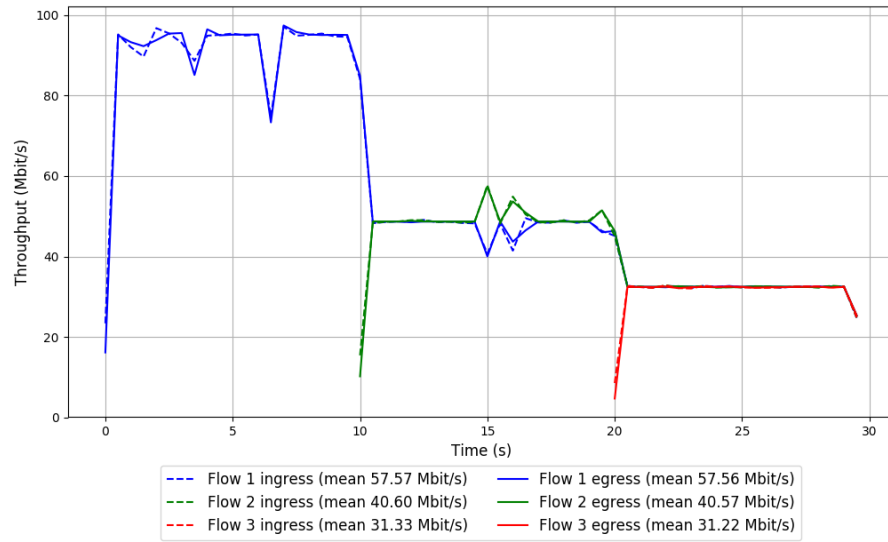


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-20 11:59:28
End at: 2018-02-20 11:59:58
Local clock offset: -3.535 ms
Remote clock offset: -19.718 ms

Below is generated by plot.py at 2018-02-20 17:16:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.79 Mbit/s
95th percentile per-packet one-way delay: 63.700 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.56 Mbit/s
95th percentile per-packet one-way delay: 63.044 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 63.817 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 64.046 ms
Loss rate: 0.58%

Run 7: Report of QUIC Cubic — Data Link

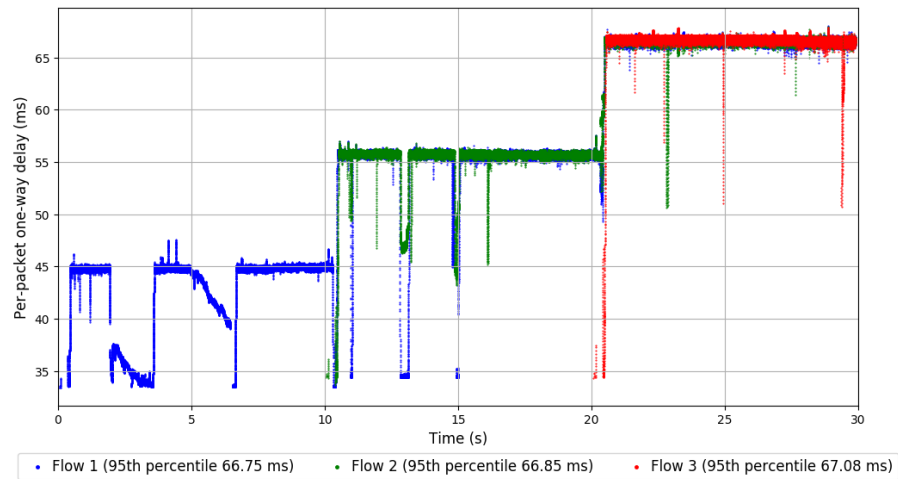
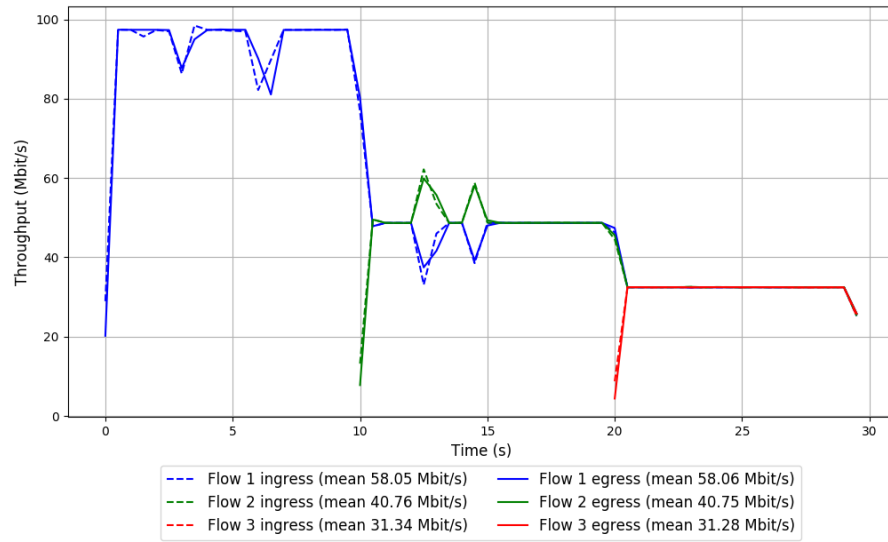


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-20 12:21:43
End at: 2018-02-20 12:22:13
Local clock offset: 2.253 ms
Remote clock offset: -22.783 ms

Below is generated by plot.py at 2018-02-20 17:16:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 66.886 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.06 Mbit/s
95th percentile per-packet one-way delay: 66.747 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.75 Mbit/s
95th percentile per-packet one-way delay: 66.847 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.28 Mbit/s
95th percentile per-packet one-way delay: 67.085 ms
Loss rate: 0.61%

Run 8: Report of QUIC Cubic — Data Link

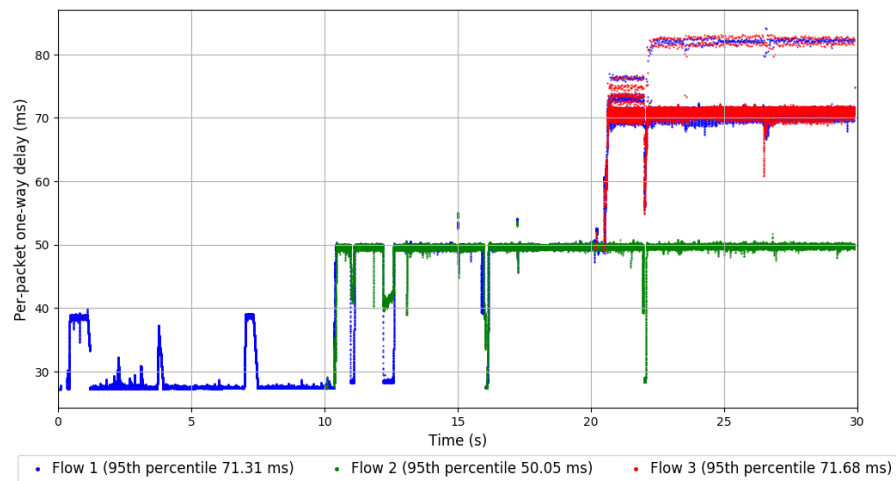
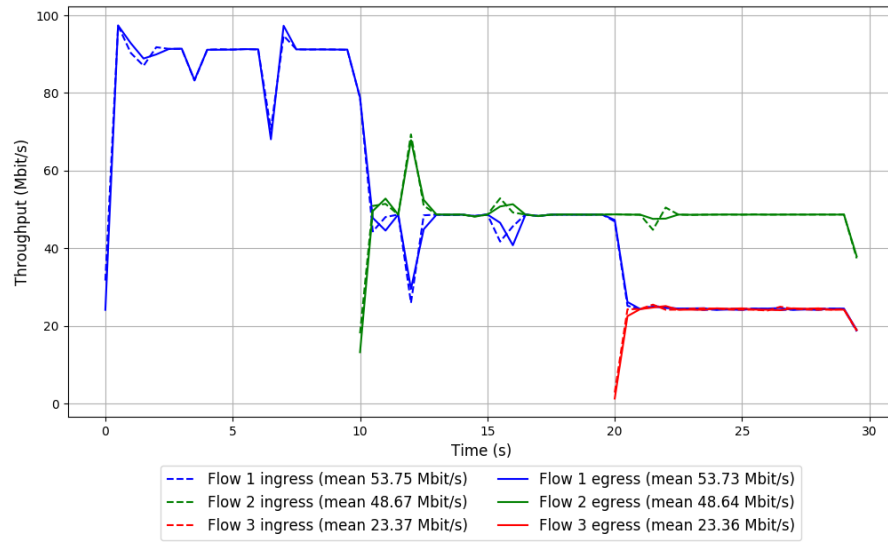


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-20 12:43:49
End at: 2018-02-20 12:44:19
Local clock offset: -1.899 ms
Remote clock offset: -17.879 ms

Below is generated by plot.py at 2018-02-20 17:16:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 71.353 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 71.307 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.64 Mbit/s
95th percentile per-packet one-way delay: 50.054 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 71.678 ms
Loss rate: 0.69%

Run 9: Report of QUIC Cubic — Data Link

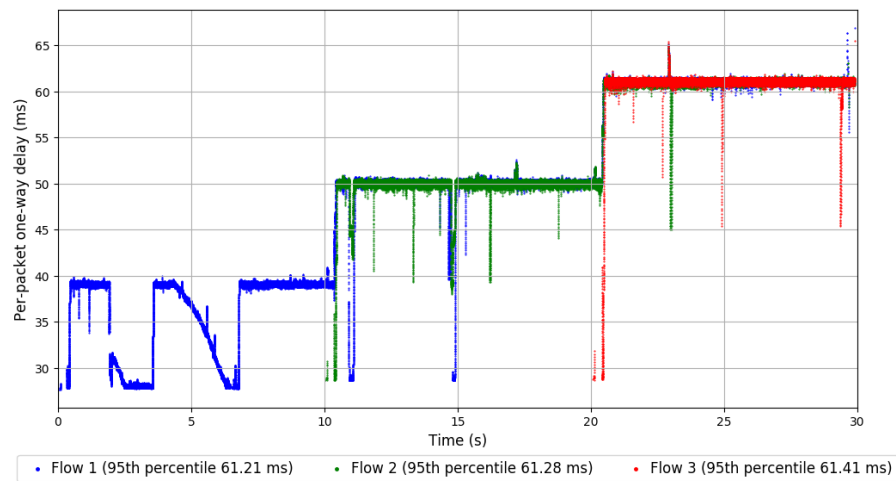
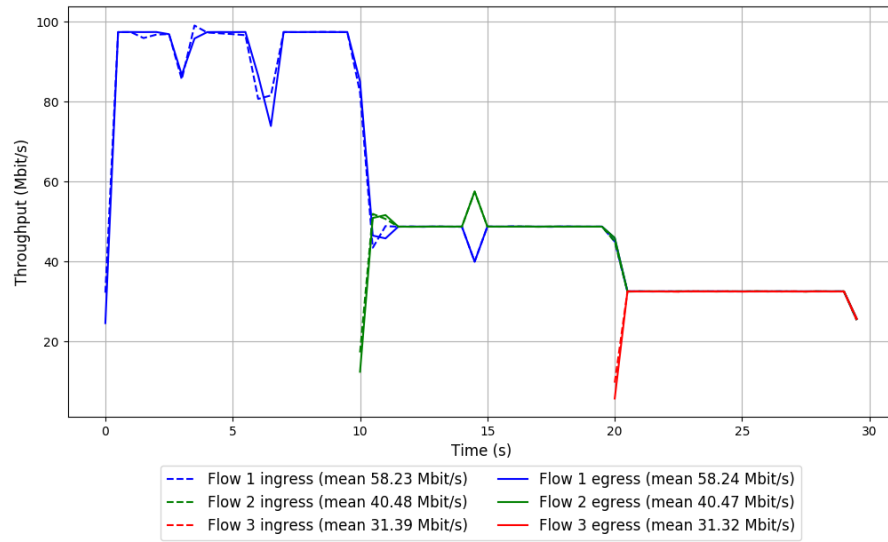


Run 10: Statistics of QUIC Cubic

Start at: 2018-02-20 13:05:37
End at: 2018-02-20 13:06:07
Local clock offset: -8.131 ms
Remote clock offset: -19.32 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 61.299 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 61.207 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 61.279 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 61.415 ms
Loss rate: 0.58%

Run 10: Report of QUIC Cubic — Data Link

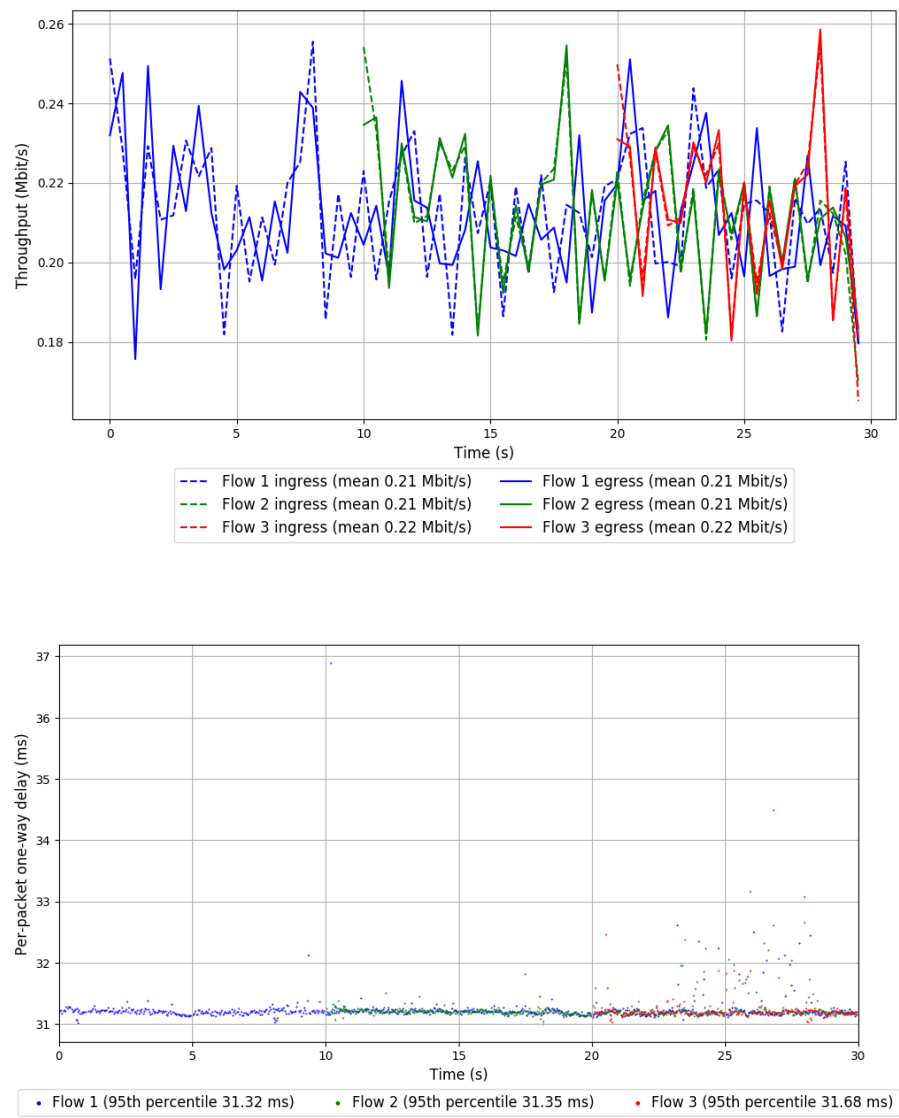


Run 1: Statistics of SReAM

Start at: 2018-02-20 09:57:13
End at: 2018-02-20 09:57:43
Local clock offset: -3.03 ms
Remote clock offset: -13.551 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.370 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.319 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.351 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.685 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

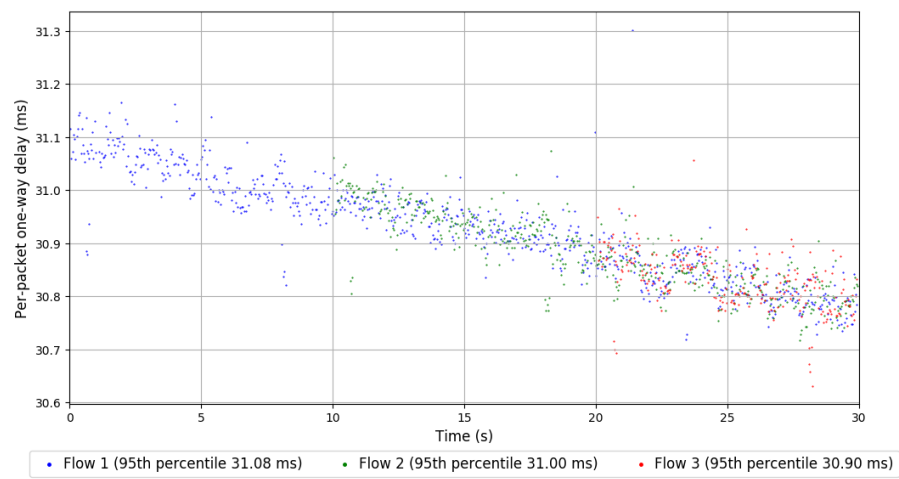
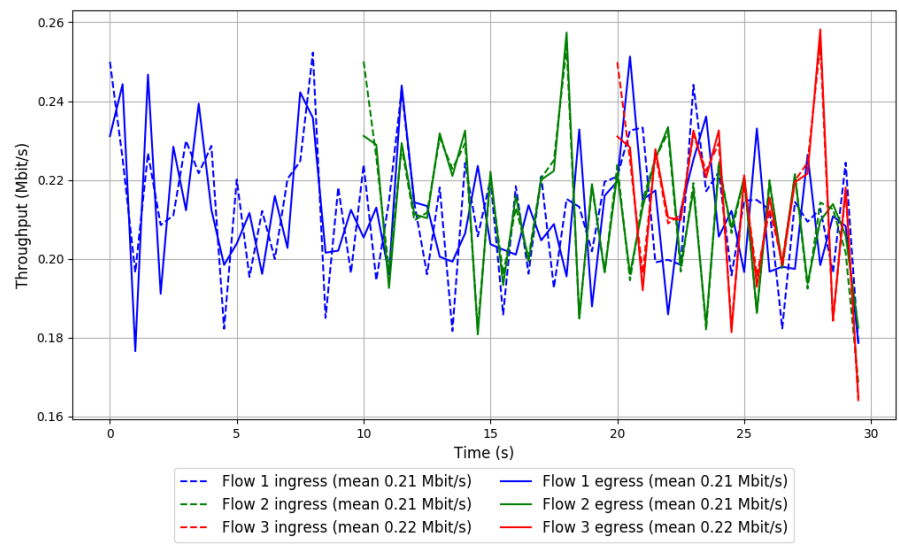


Run 2: Statistics of SReAM

Start at: 2018-02-20 10:19:00
End at: 2018-02-20 10:19:31
Local clock offset: 0.165 ms
Remote clock offset: -14.776 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.063 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.084 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.998 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.903 ms
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link

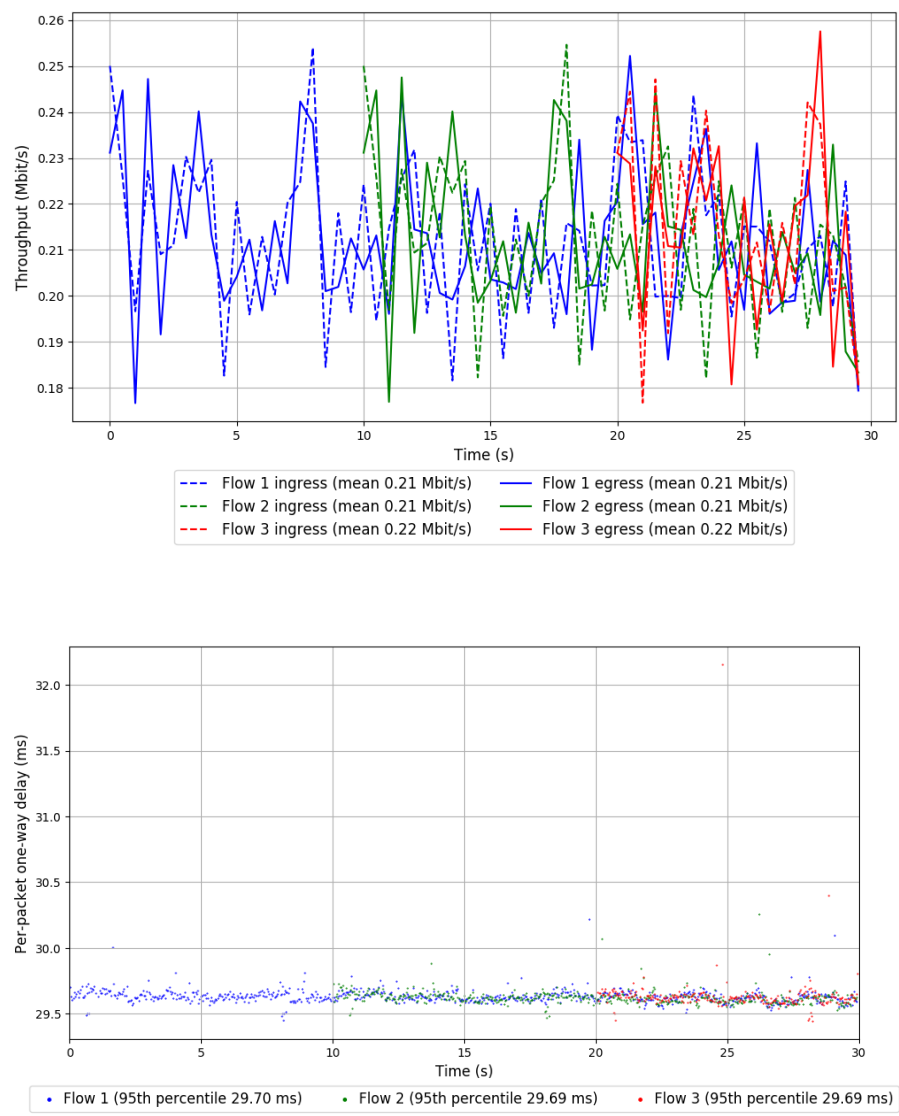


Run 3: Statistics of SCReAM

Start at: 2018-02-20 10:40:37
End at: 2018-02-20 10:41:07
Local clock offset: -1.077 ms
Remote clock offset: -18.474 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 29.694 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.695 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.694 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.690 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

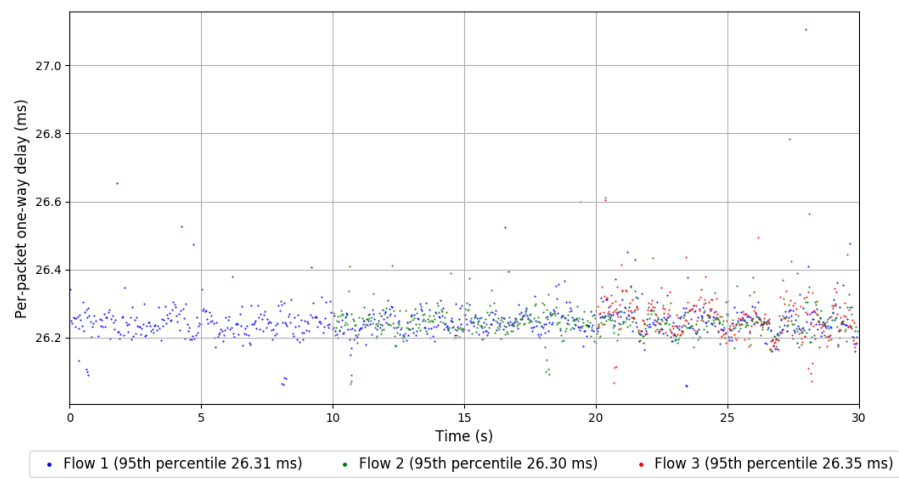
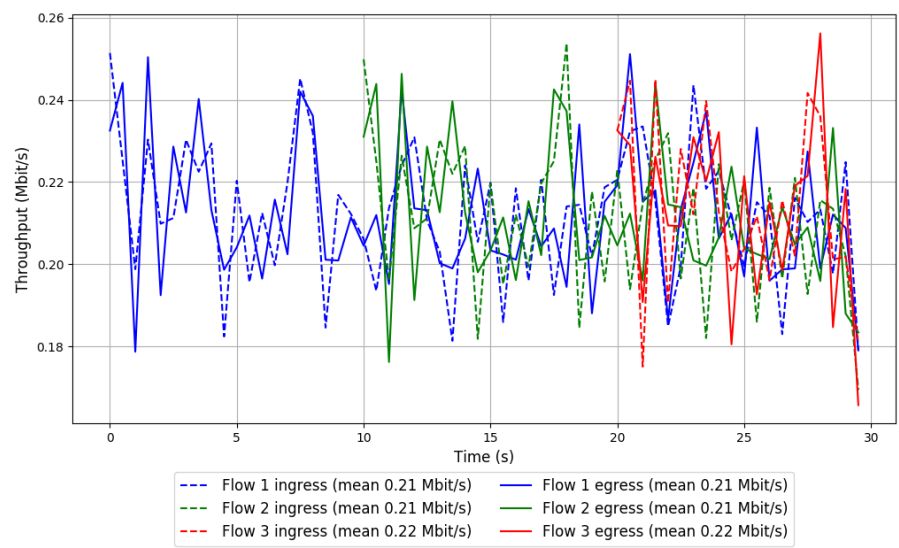


Run 4: Statistics of SCReAM

Start at: 2018-02-20 11:03:22
End at: 2018-02-20 11:03:52
Local clock offset: -3.137 ms
Remote clock offset: -17.74 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 26.319 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.307 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 26.305 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 26.346 ms
Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

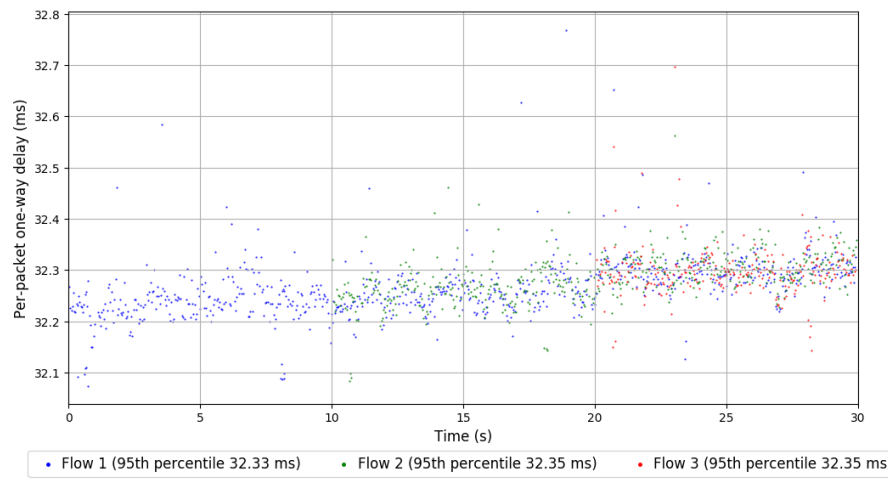
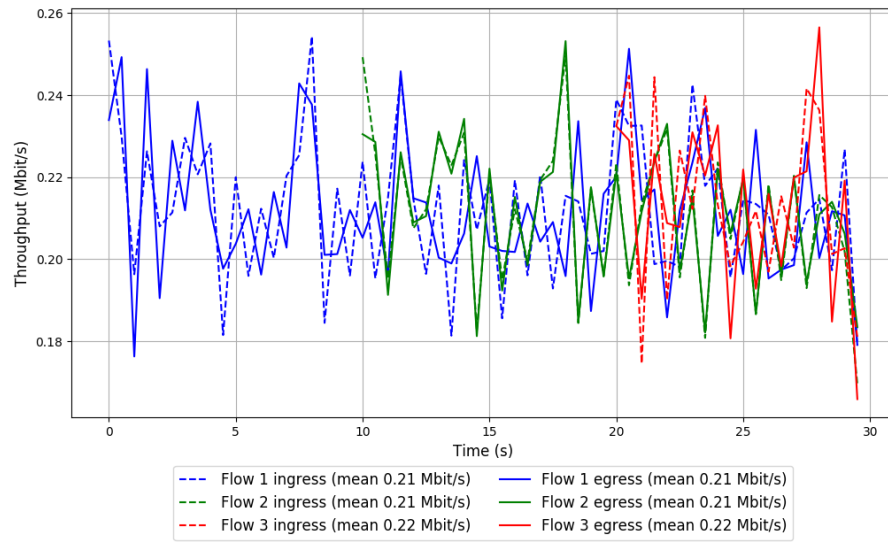


Run 5: Statistics of SReAM

Start at: 2018-02-20 11:25:51
End at: 2018-02-20 11:26:21
Local clock offset: 0.278 ms
Remote clock offset: -20.079 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 32.347 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.334 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 32.355 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.355 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

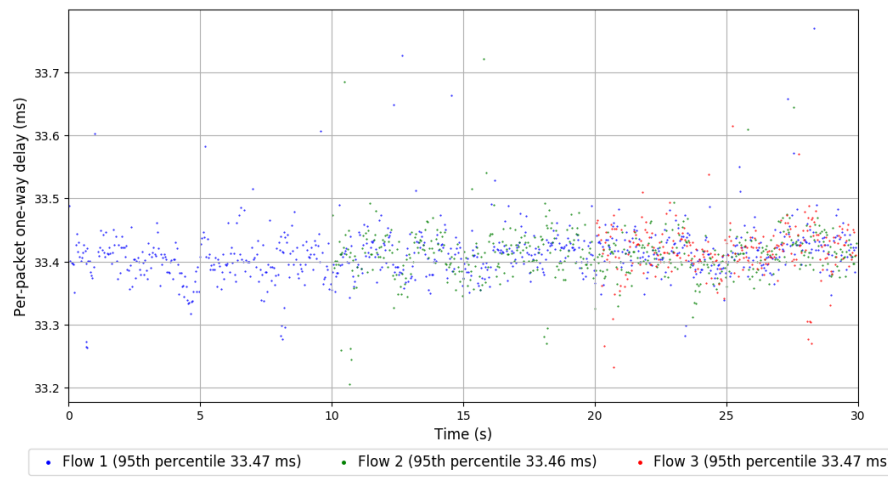
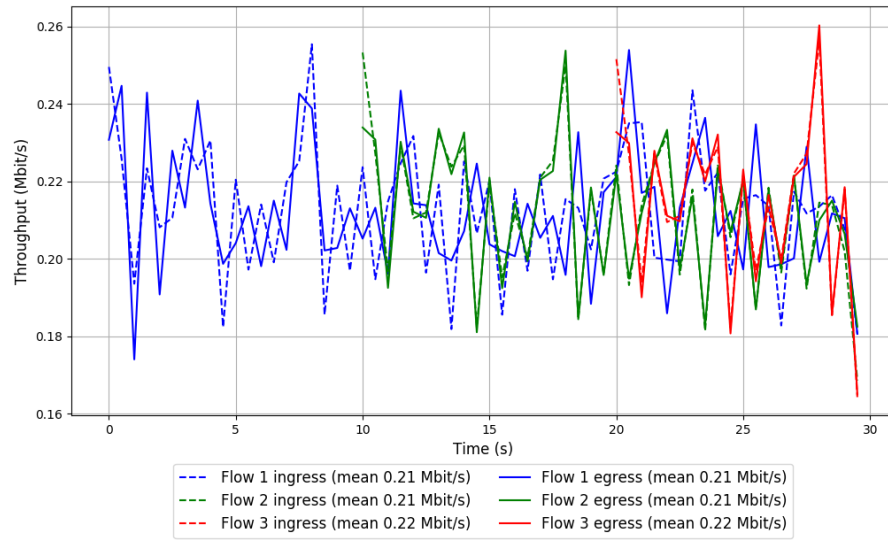


Run 6: Statistics of SReAM

Start at: 2018-02-20 11:47:28
End at: 2018-02-20 11:47:58
Local clock offset: -2.287 ms
Remote clock offset: -19.928 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.466 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.465 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.464 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.470 ms
Loss rate: 0.35%

Run 6: Report of SReAM — Data Link

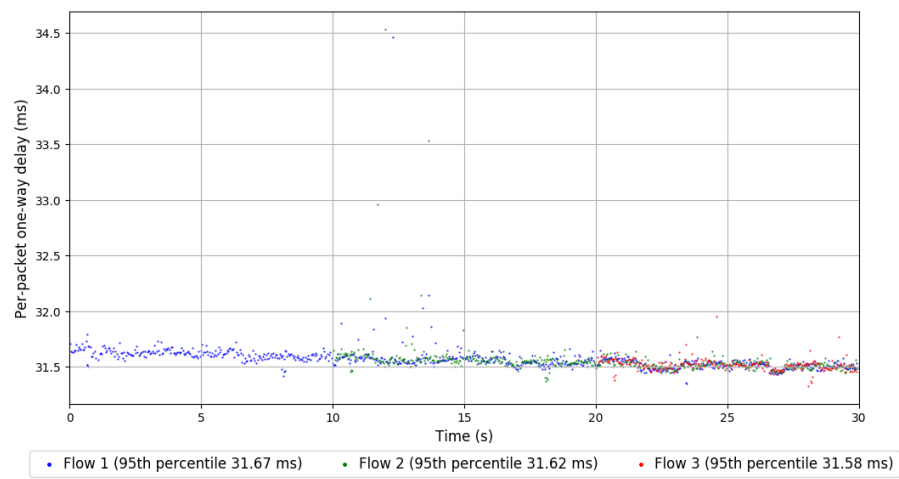
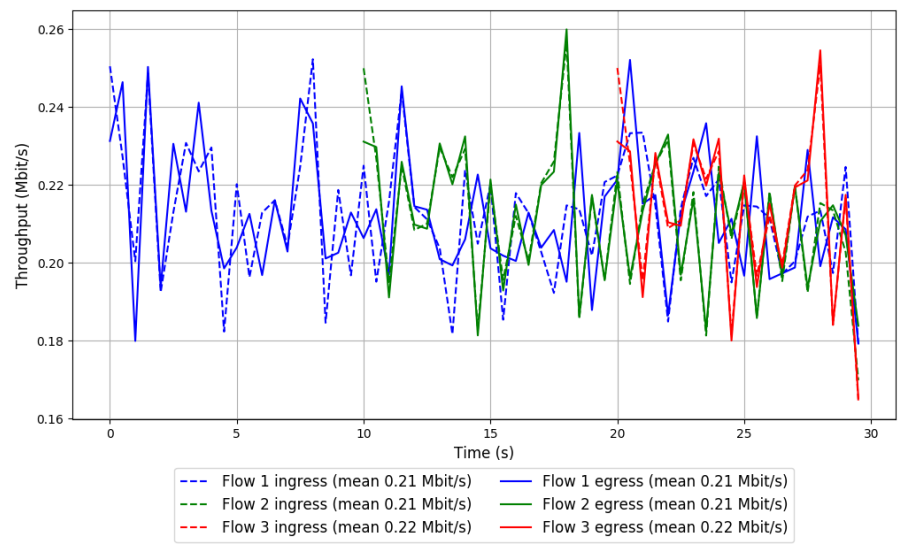


Run 7: Statistics of SReAM

Start at: 2018-02-20 12:09:20
End at: 2018-02-20 12:09:50
Local clock offset: -1.472 ms
Remote clock offset: -22.058 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.653 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.673 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.621 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.584 ms
Loss rate: 0.36%

Run 7: Report of SReAM — Data Link

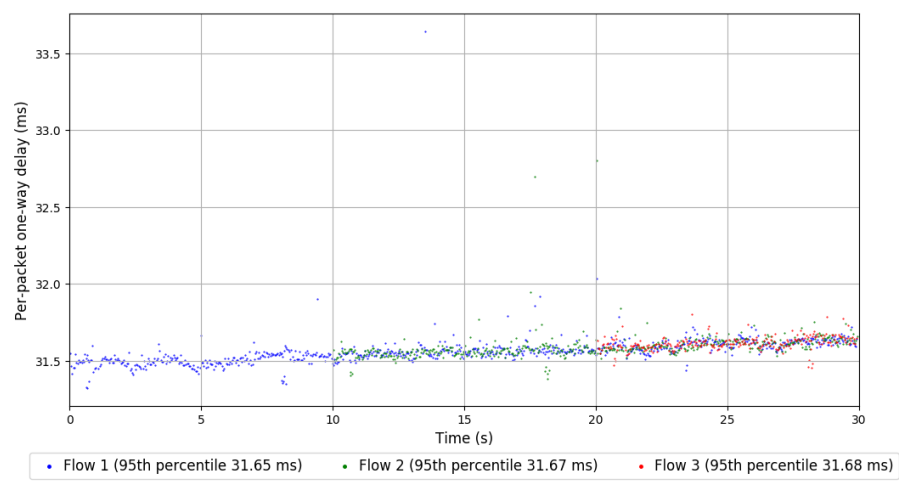
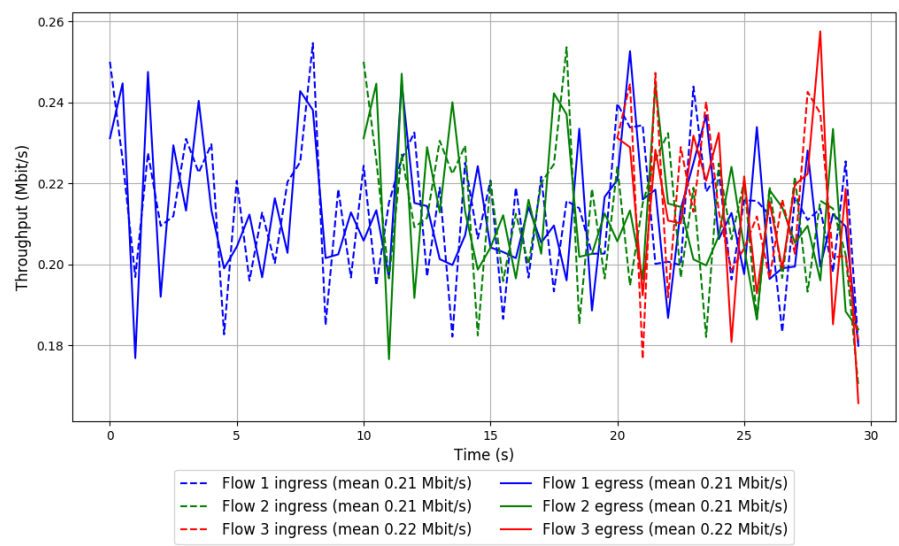


Run 8: Statistics of SReAM

Start at: 2018-02-20 12:31:32
End at: 2018-02-20 12:32:02
Local clock offset: 0.744 ms
Remote clock offset: -22.623 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.665 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.649 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.670 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.676 ms
Loss rate: 0.35%

Run 8: Report of SReAM — Data Link

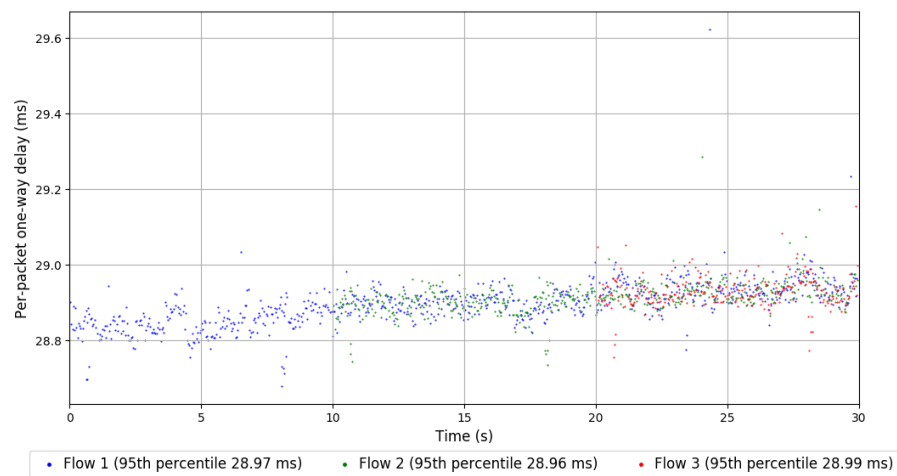
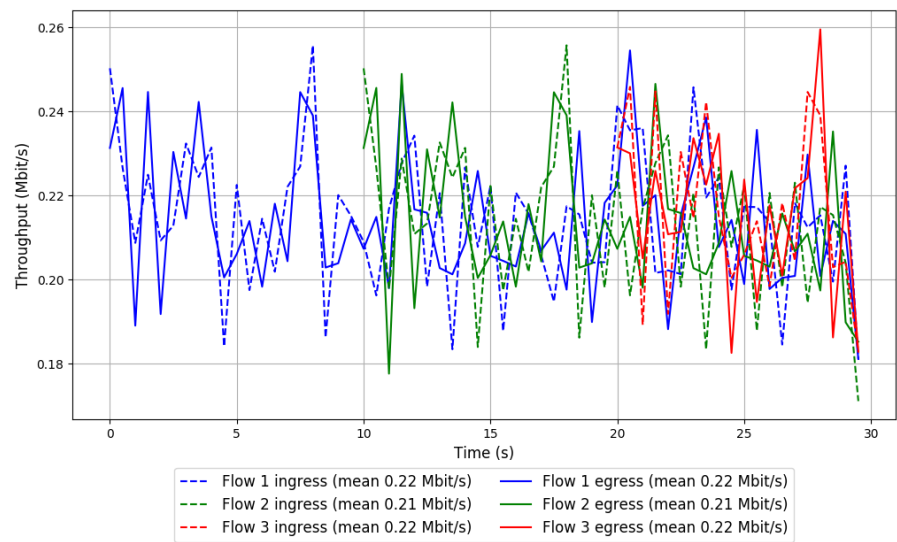


Run 9: Statistics of SReAM

Start at: 2018-02-20 12:53:38
End at: 2018-02-20 12:54:08
Local clock offset: -6.065 ms
Remote clock offset: -20.263 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 28.975 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.972 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.965 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.990 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

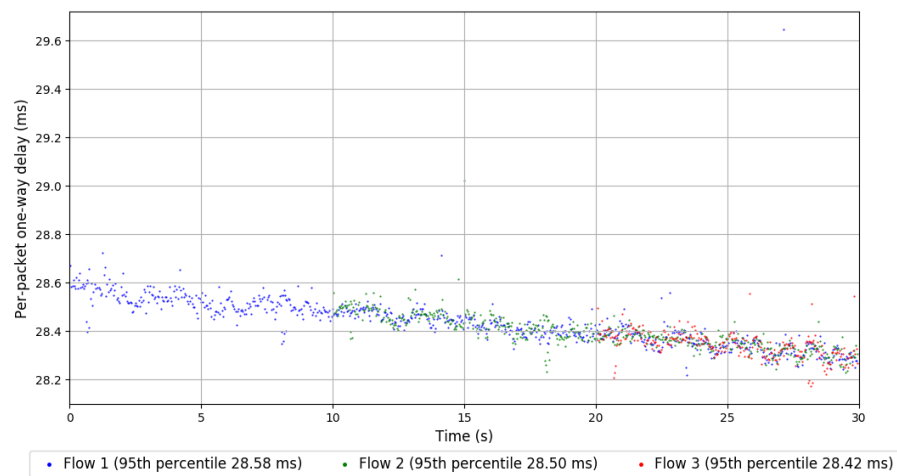
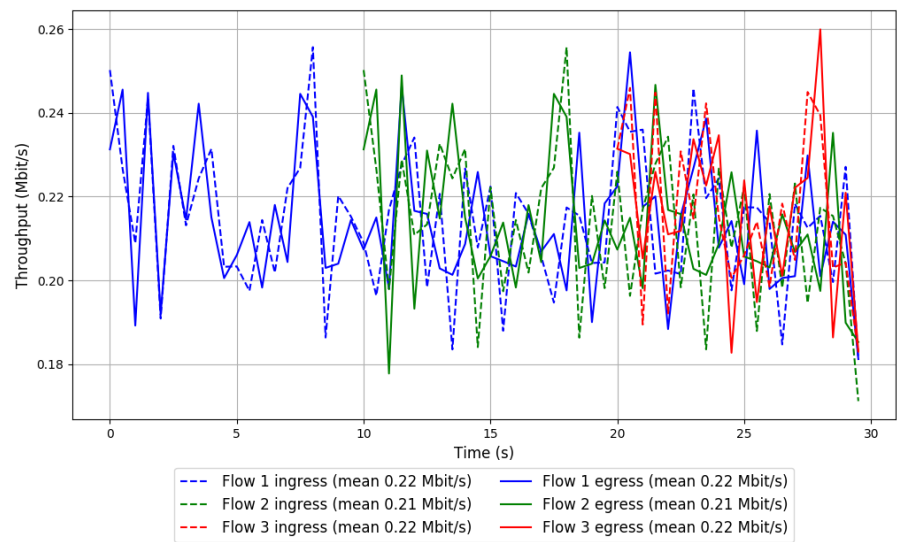


Run 10: Statistics of SReAM

Start at: 2018-02-20 13:15:11
End at: 2018-02-20 13:15:41
Local clock offset: -6.038 ms
Remote clock offset: -19.937 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 28.550 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.581 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.501 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.420 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

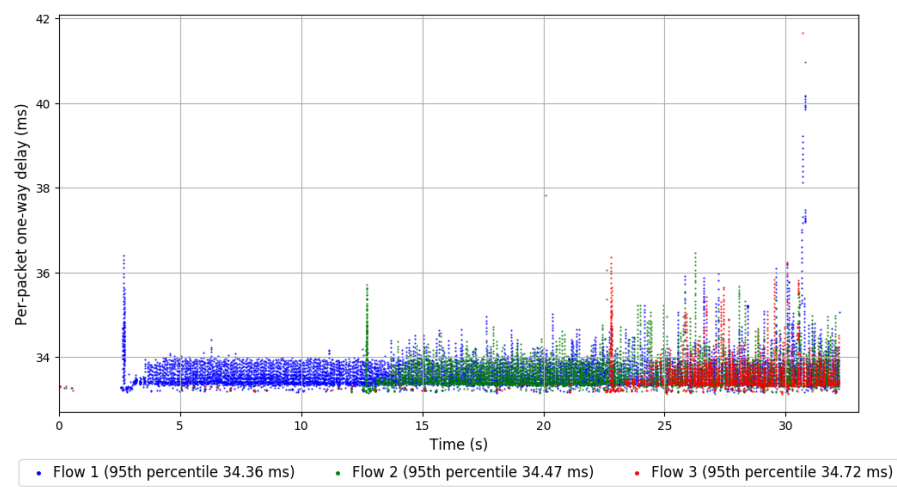
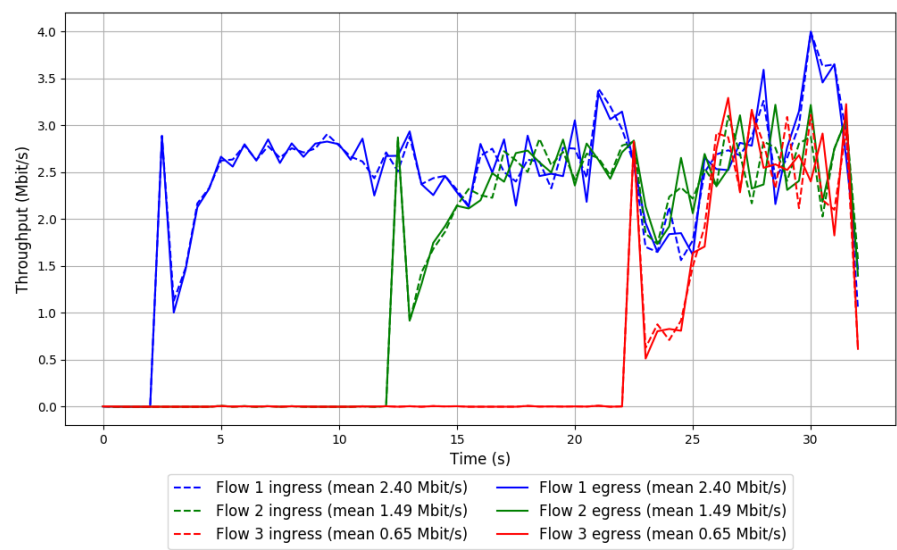


Run 1: Statistics of WebRTC media

Start at: 2018-02-20 09:54:51
End at: 2018-02-20 09:55:21
Local clock offset: -11.56 ms
Remote clock offset: -24.047 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 34.446 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 34.356 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 34.470 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 34.716 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

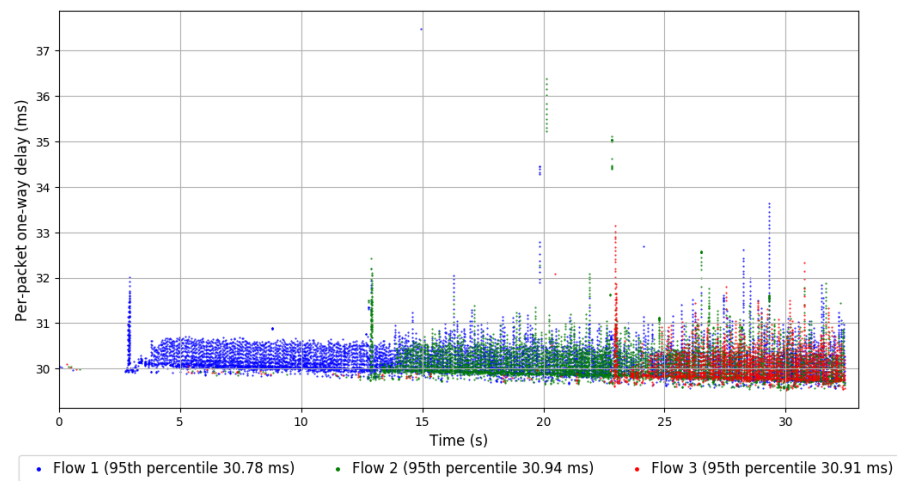
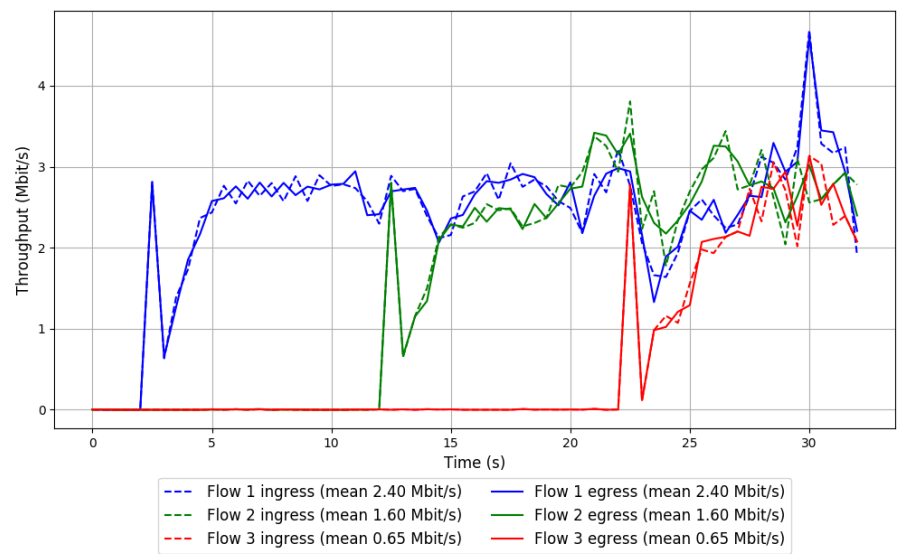


Run 2: Statistics of WebRTC media

Start at: 2018-02-20 10:16:38
End at: 2018-02-20 10:17:08
Local clock offset: 0.163 ms
Remote clock offset: -12.096 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.62 Mbit/s
95th percentile per-packet one-way delay: 30.863 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 30.782 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 30.944 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 30.911 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

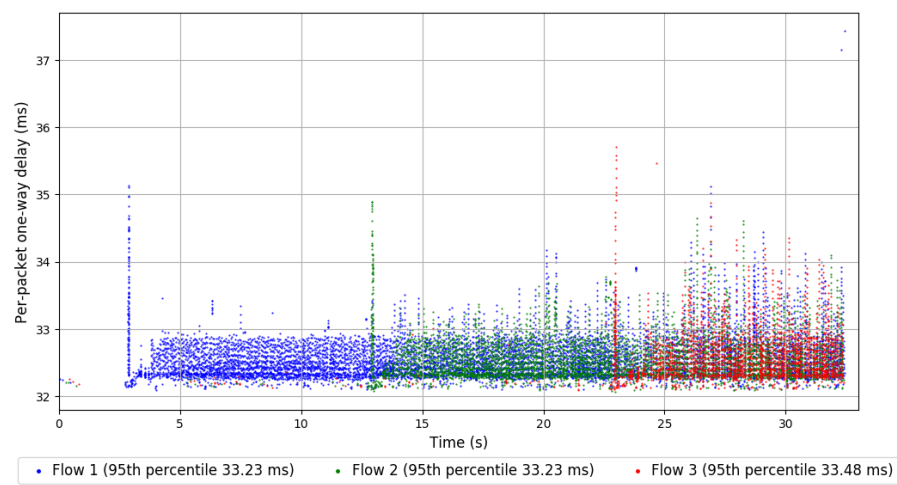
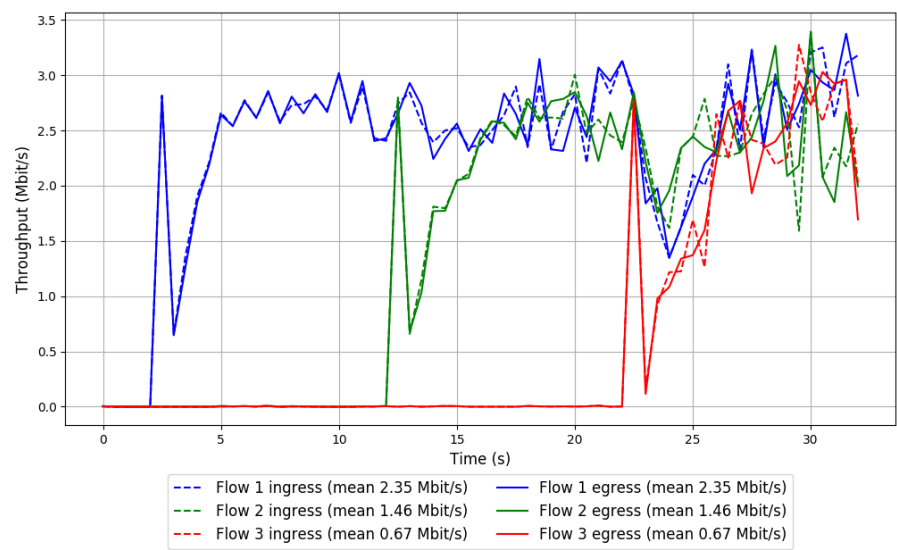


Run 3: Statistics of WebRTC media

Start at: 2018-02-20 10:38:15
End at: 2018-02-20 10:38:45
Local clock offset: 0.808 ms
Remote clock offset: -19.095 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 33.279 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 33.230 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 33.235 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 33.480 ms
Loss rate: 0.78%

Run 3: Report of WebRTC media — Data Link

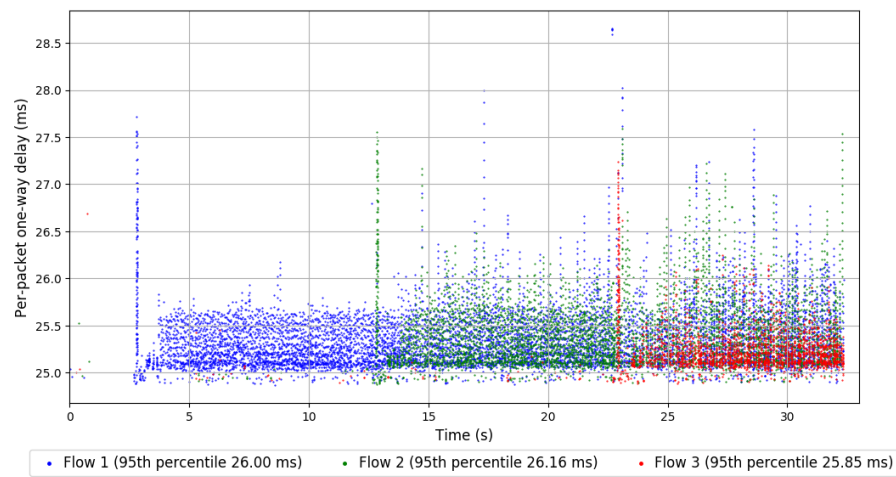
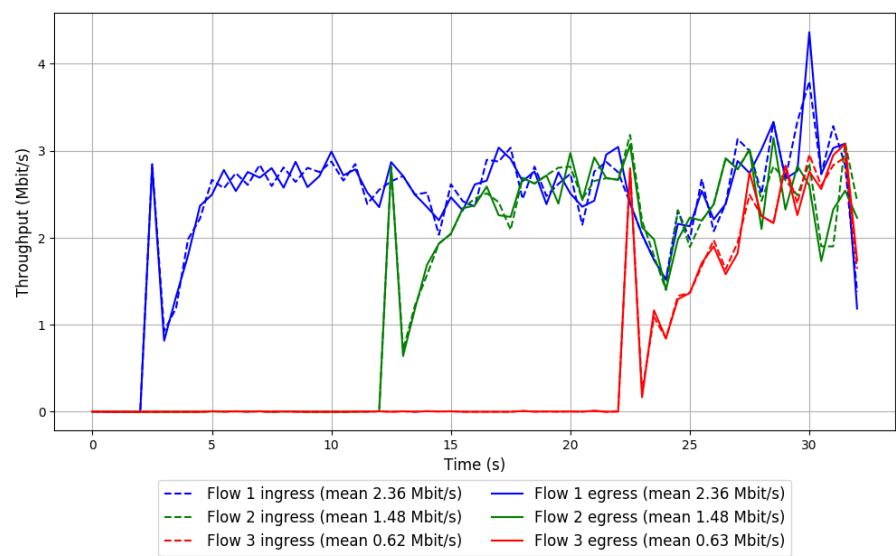


Run 4: Statistics of WebRTC media

Start at: 2018-02-20 11:00:51
End at: 2018-02-20 11:01:21
Local clock offset: -5.43 ms
Remote clock offset: -18.812 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 26.038 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 26.004 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 26.159 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 25.846 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

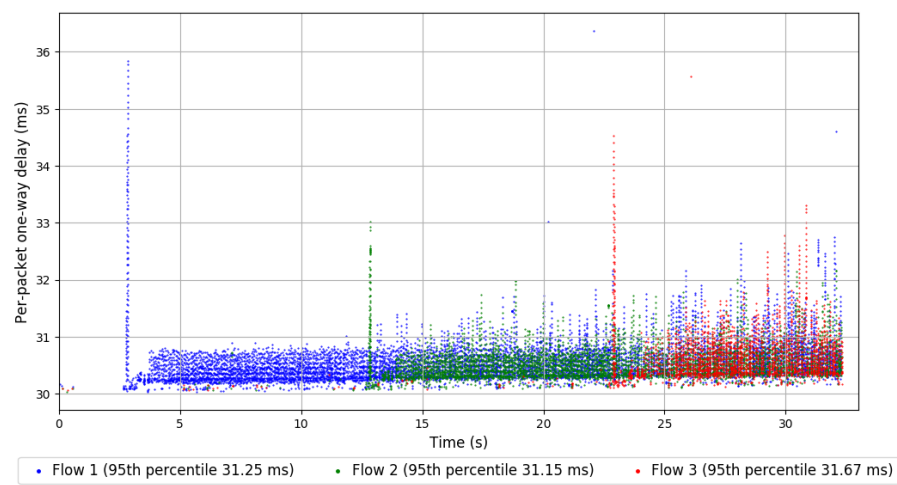
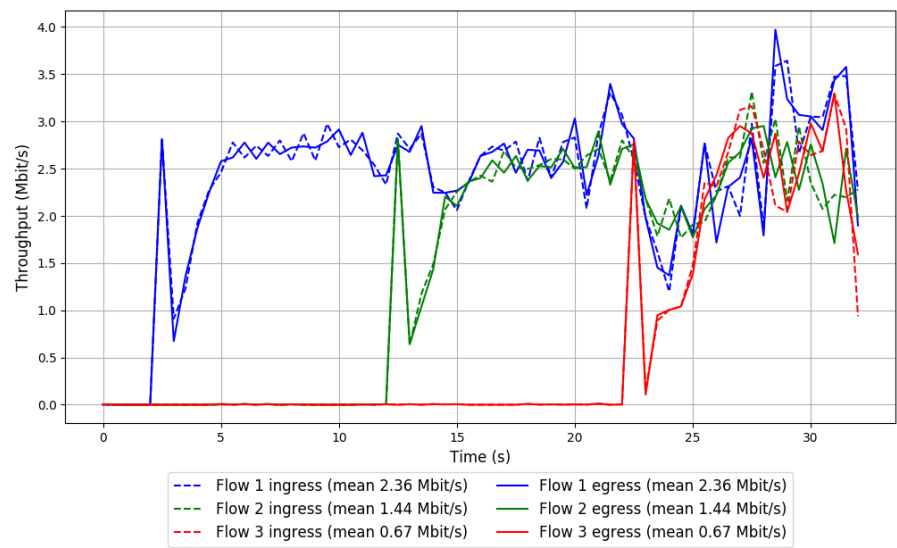


Run 5: Statistics of WebRTC media

Start at: 2018-02-20 11:23:31
End at: 2018-02-20 11:24:01
Local clock offset: 0.516 ms
Remote clock offset: -18.329 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 31.283 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 31.255 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 31.146 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 31.666 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

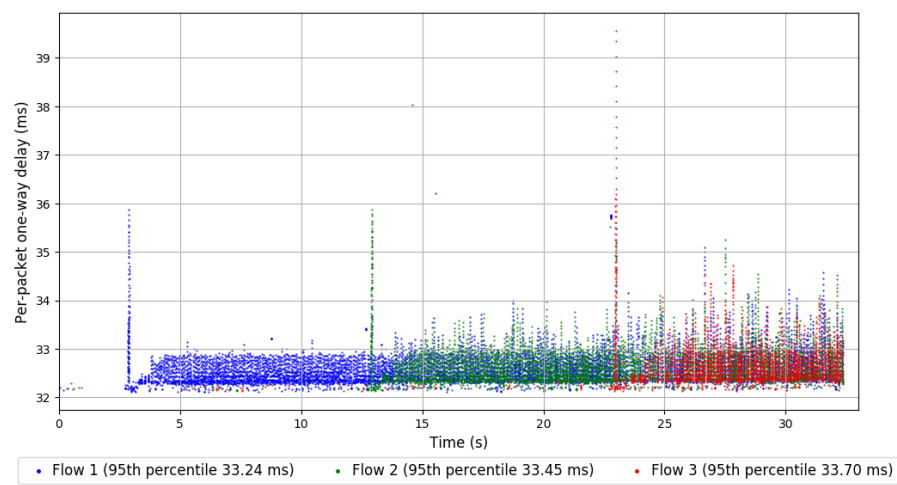
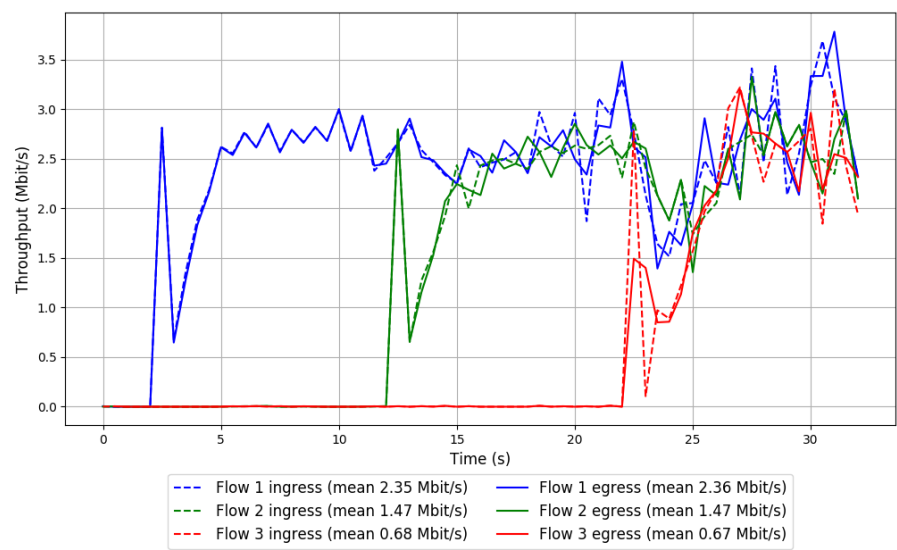


Run 6: Statistics of WebRTC media

Start at: 2018-02-20 11:45:09
End at: 2018-02-20 11:45:39
Local clock offset: -0.756 ms
Remote clock offset: -17.502 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 33.372 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 33.241 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 33.445 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 33.701 ms
Loss rate: 0.46%

Run 6: Report of WebRTC media — Data Link

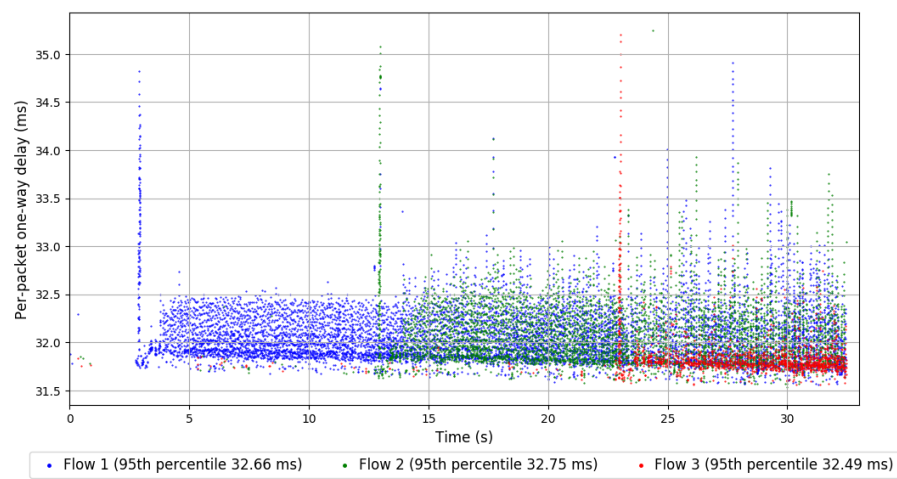
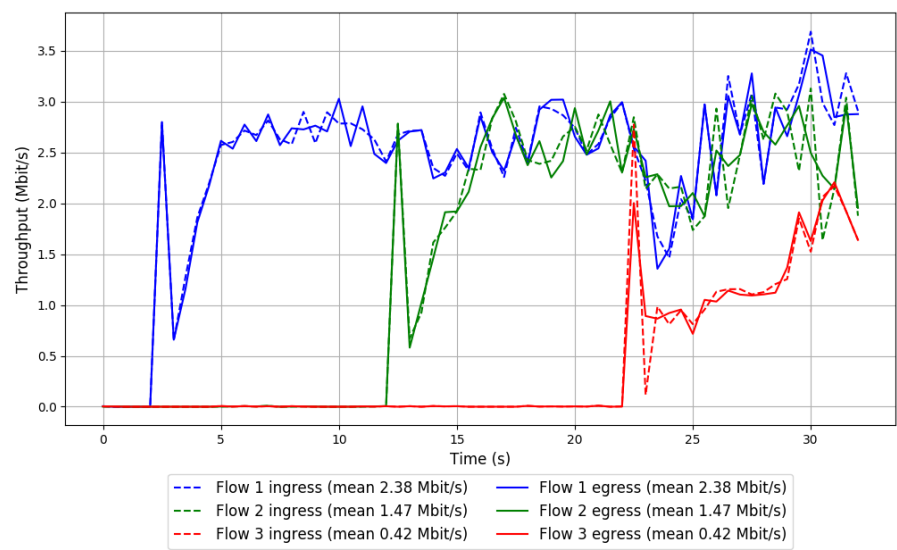


Run 7: Statistics of WebRTC media

Start at: 2018-02-20 12:06:57
End at: 2018-02-20 12:07:27
Local clock offset: -2.04 ms
Remote clock offset: -22.057 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 32.689 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 32.662 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 32.752 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 32.493 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

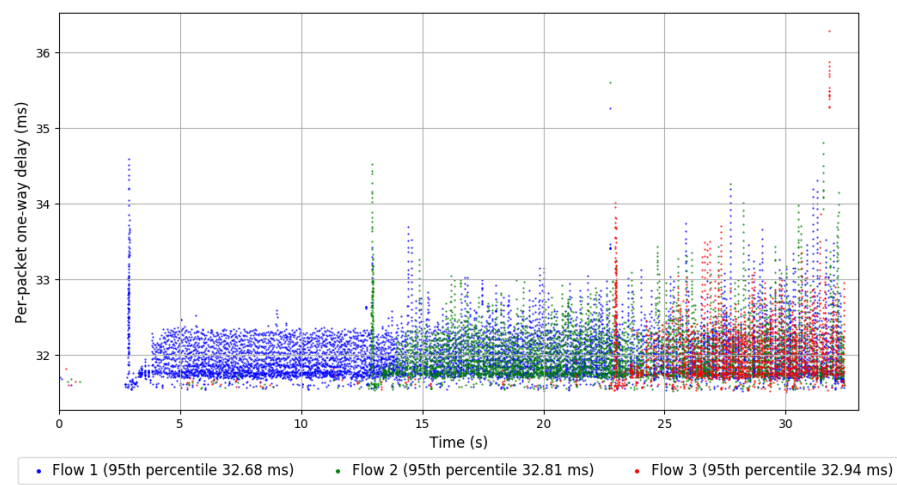
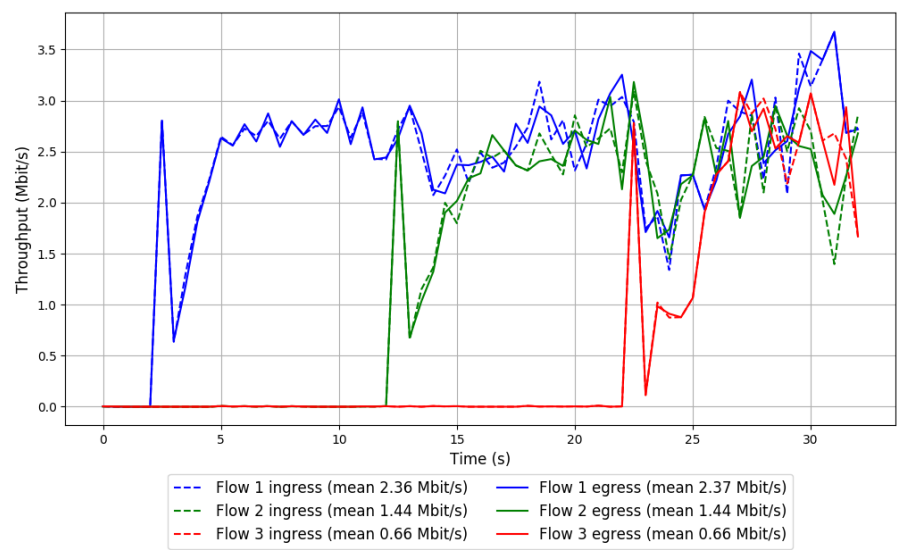


Run 8: Statistics of WebRTC media

Start at: 2018-02-20 12:29:10
End at: 2018-02-20 12:29:40
Local clock offset: 0.472 ms
Remote clock offset: -23.518 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 32.775 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 32.684 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 32.813 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 32.939 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

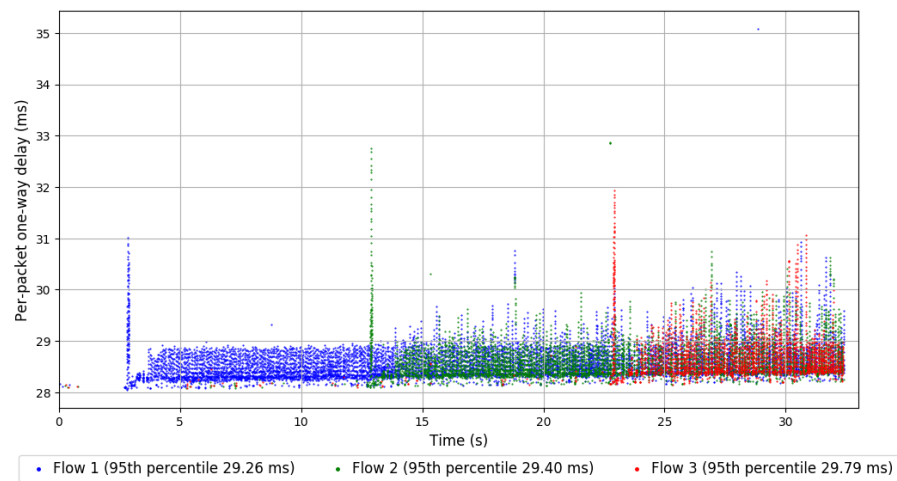
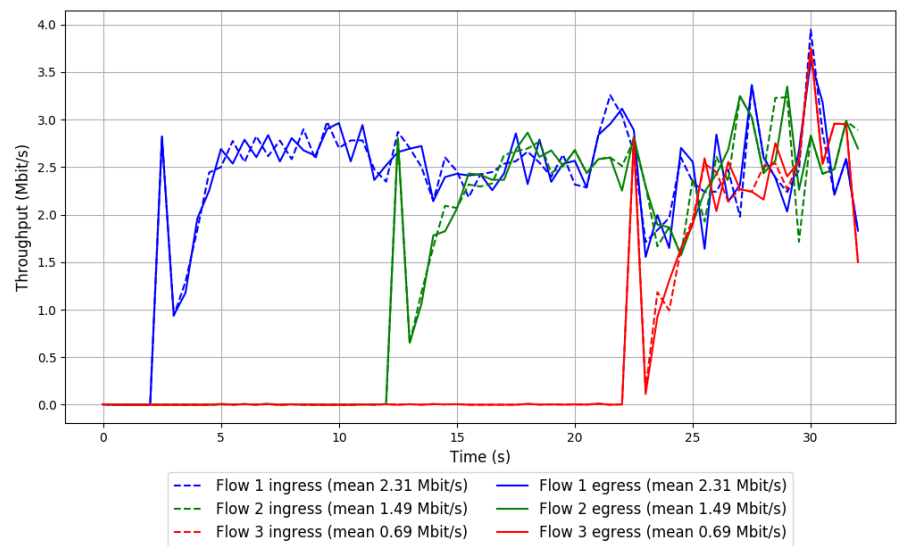


Run 9: Statistics of WebRTC media

Start at: 2018-02-20 12:51:19
End at: 2018-02-20 12:51:49
Local clock offset: -5.589 ms
Remote clock offset: -19.754 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 29.390 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 29.261 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 29.401 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 29.786 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

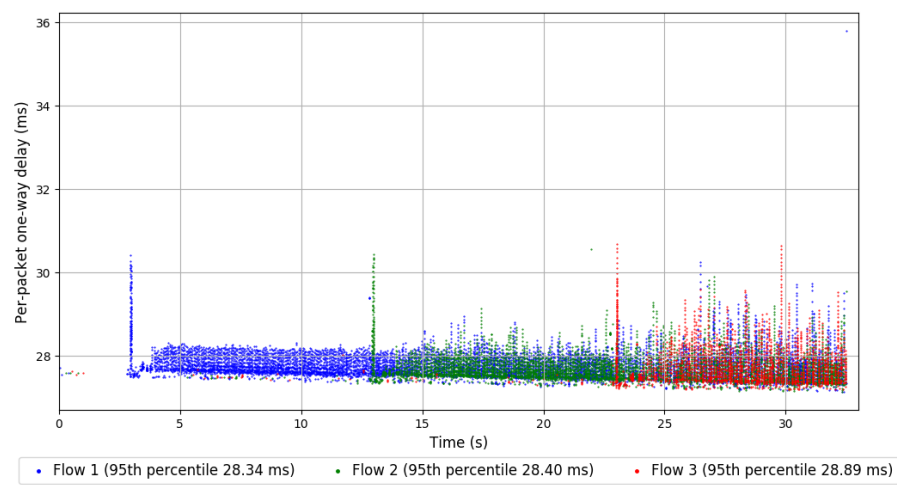
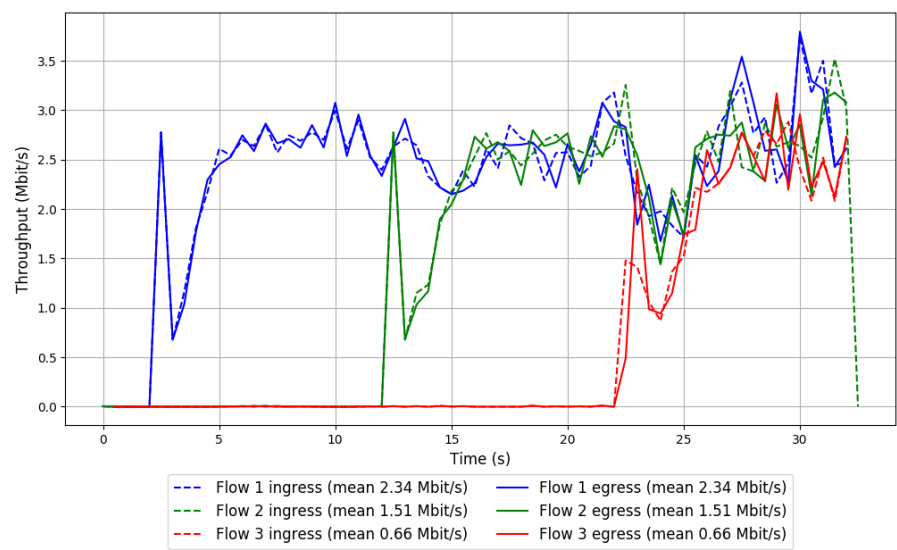


Run 10: Statistics of WebRTC media

Start at: 2018-02-20 13:12:52
End at: 2018-02-20 13:13:22
Local clock offset: -7.279 ms
Remote clock offset: -18.748 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 28.473 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 28.339 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 28.400 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 28.888 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

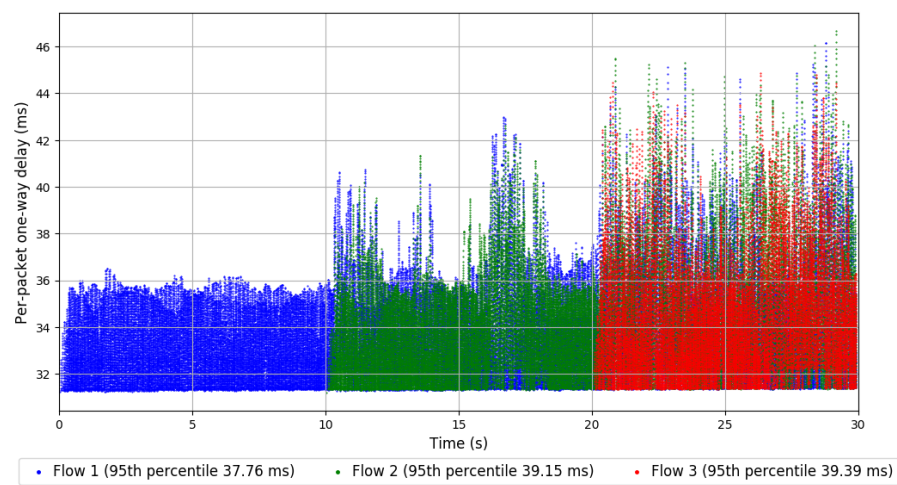
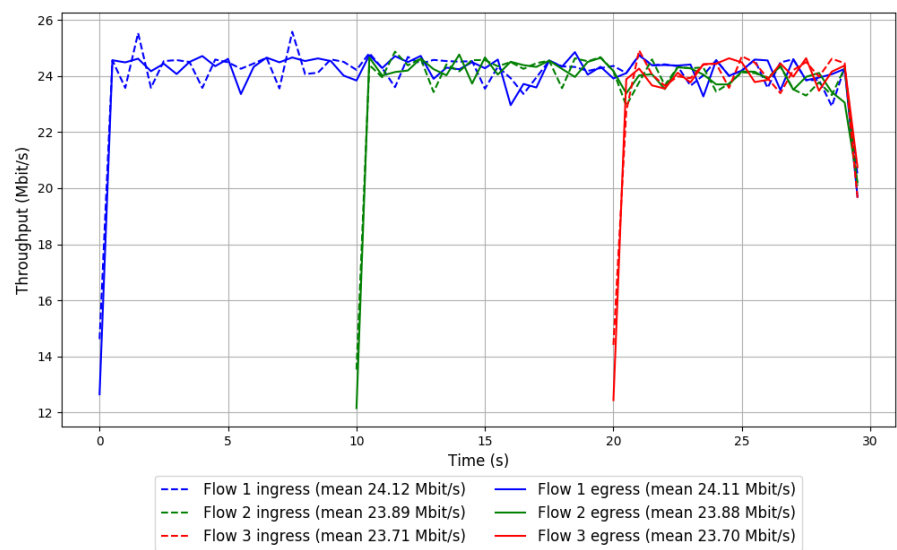


Run 1: Statistics of Sprout

Start at: 2018-02-20 09:44:50
End at: 2018-02-20 09:45:20
Local clock offset: -4.855 ms
Remote clock offset: -13.748 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.79 Mbit/s
95th percentile per-packet one-way delay: 38.635 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 37.763 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 23.88 Mbit/s
95th percentile per-packet one-way delay: 39.149 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.70 Mbit/s
95th percentile per-packet one-way delay: 39.389 ms
Loss rate: 0.19%

Run 1: Report of Sprout — Data Link

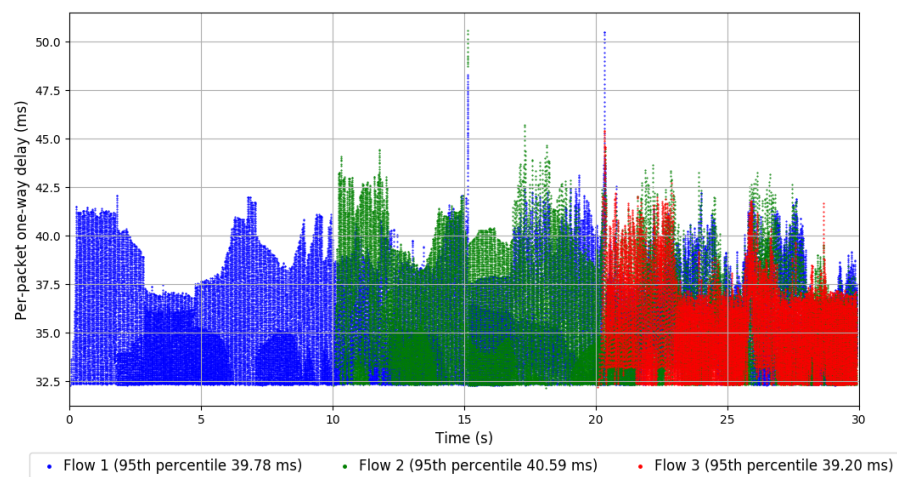
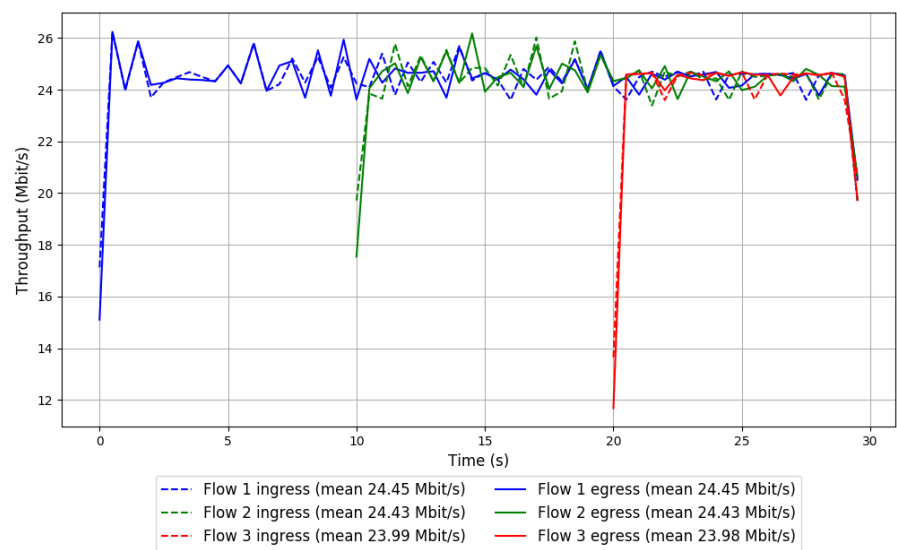


Run 2: Statistics of Sprout

Start at: 2018-02-20 10:06:54
End at: 2018-02-20 10:07:24
Local clock offset: -1.438 ms
Remote clock offset: -13.401 ms

Below is generated by plot.py at 2018-02-20 17:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.59 Mbit/s
95th percentile per-packet one-way delay: 40.000 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 39.776 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 40.592 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 23.98 Mbit/s
95th percentile per-packet one-way delay: 39.201 ms
Loss rate: 0.42%

Run 2: Report of Sprout — Data Link

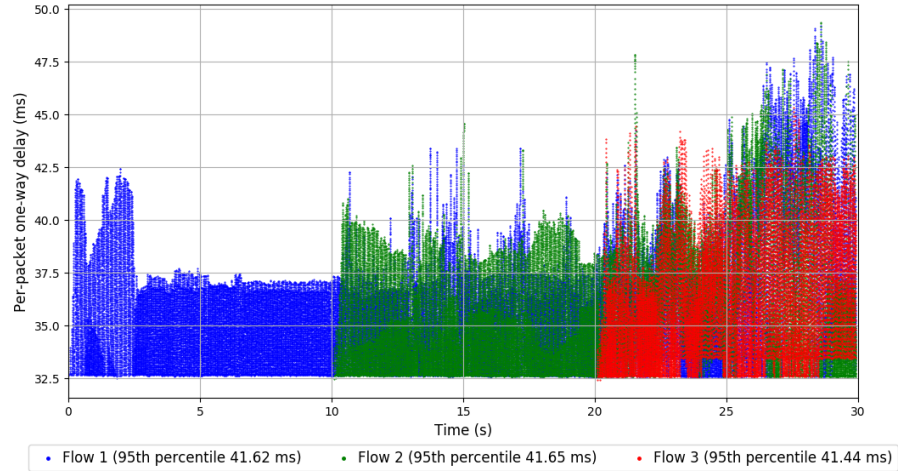
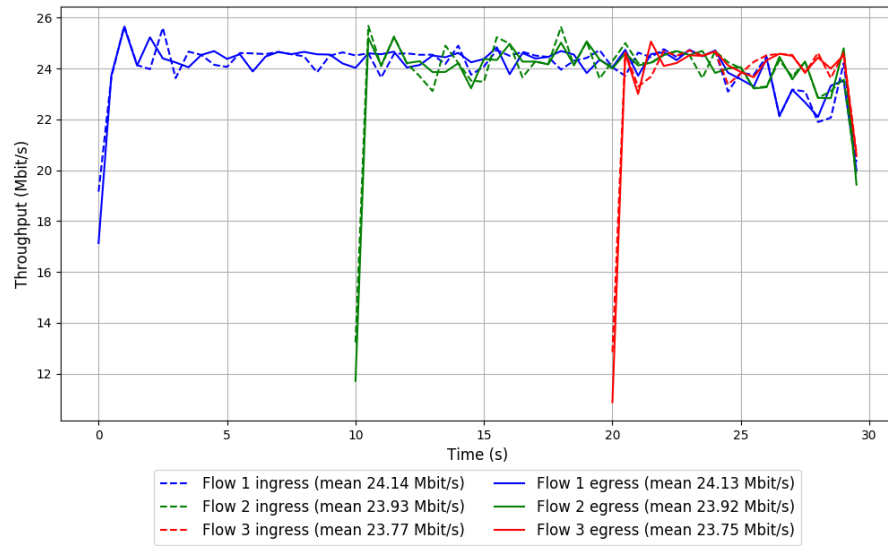


Run 3: Statistics of Sprout

Start at: 2018-02-20 10:28:34
End at: 2018-02-20 10:29:04
Local clock offset: 0.886 ms
Remote clock offset: -18.259 ms

Below is generated by plot.py at 2018-02-20 17:16:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.85 Mbit/s
95th percentile per-packet one-way delay: 41.576 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 41.623 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 23.92 Mbit/s
95th percentile per-packet one-way delay: 41.652 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 23.75 Mbit/s
95th percentile per-packet one-way delay: 41.435 ms
Loss rate: 0.42%

Run 3: Report of Sprout — Data Link

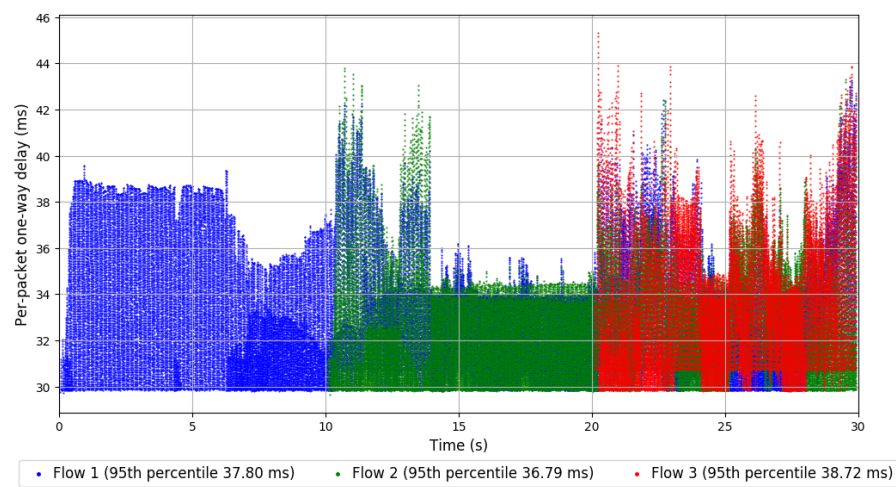
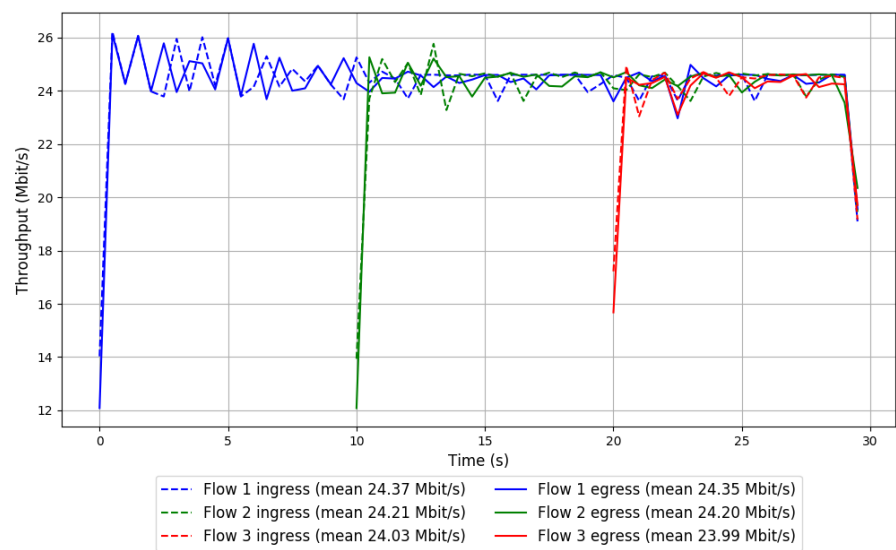


Run 4: Statistics of Sprout

Start at: 2018-02-20 10:50:35
End at: 2018-02-20 10:51:05
Local clock offset: 0.024 ms
Remote clock offset: -18.053 ms

```
# Below is generated by plot.py at 2018-02-20 17:17:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 37.754 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 37.801 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 36.786 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 38.718 ms
Loss rate: 0.30%
```

Run 4: Report of Sprout — Data Link

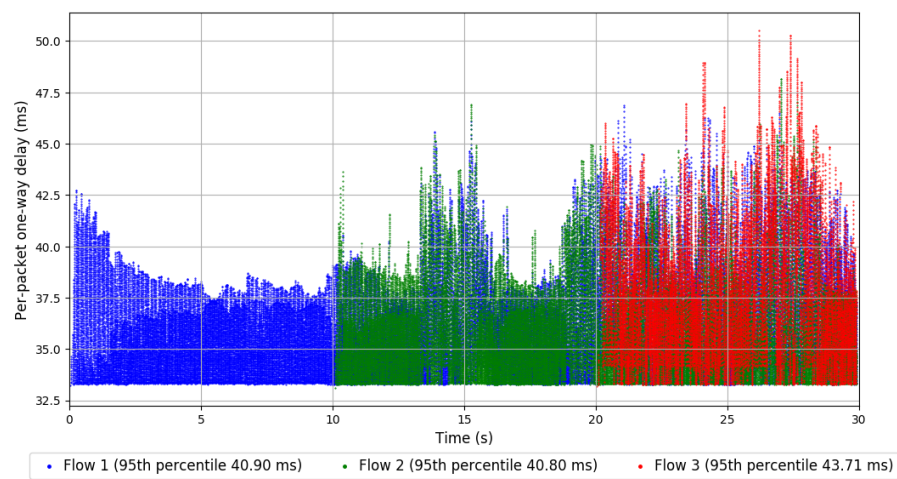
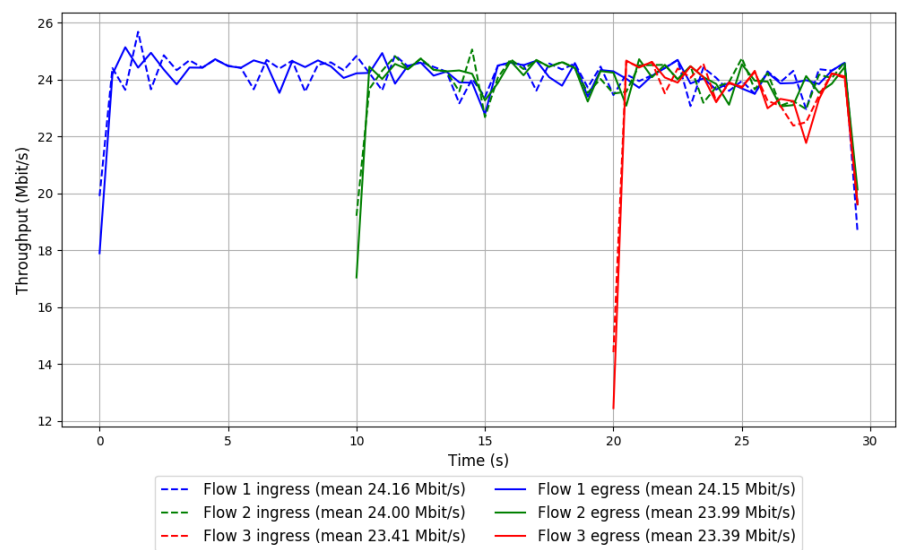


Run 5: Statistics of Sprout

Start at: 2018-02-20 11:13:53
End at: 2018-02-20 11:14:23
Local clock offset: 0.476 ms
Remote clock offset: -21.439 ms

Below is generated by plot.py at 2018-02-20 17:17:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 41.558 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 40.902 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 40.798 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 23.39 Mbit/s
95th percentile per-packet one-way delay: 43.712 ms
Loss rate: 0.43%

Run 5: Report of Sprout — Data Link

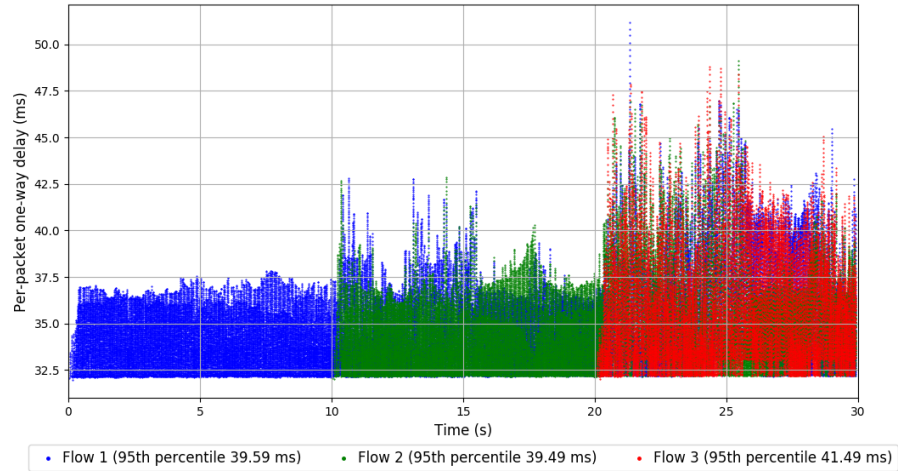
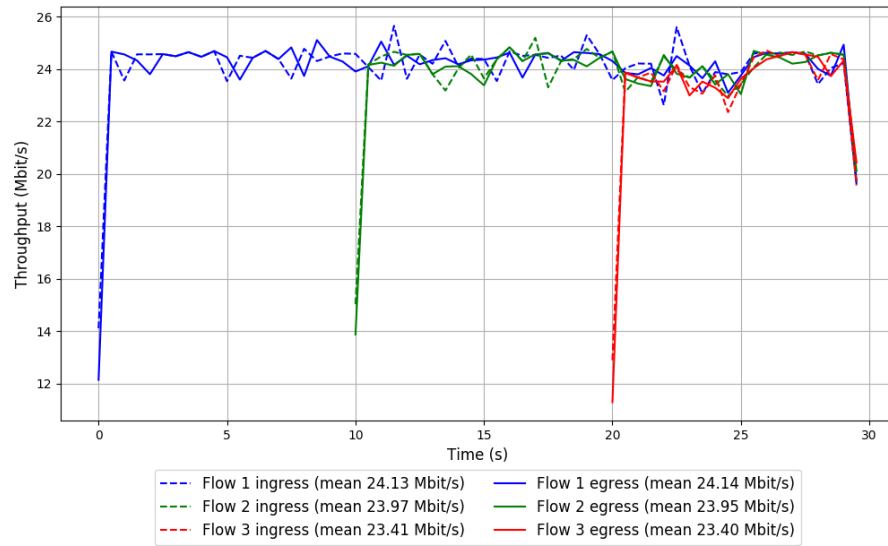


Run 6: Statistics of Sprout

Start at: 2018-02-20 11:35:27
End at: 2018-02-20 11:35:57
Local clock offset: -0.631 ms
Remote clock offset: -18.523 ms

Below is generated by plot.py at 2018-02-20 17:17:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.79 Mbit/s
95th percentile per-packet one-way delay: 40.044 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.14 Mbit/s
95th percentile per-packet one-way delay: 39.586 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 39.486 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 41.489 ms
Loss rate: 0.24%

Run 6: Report of Sprout — Data Link

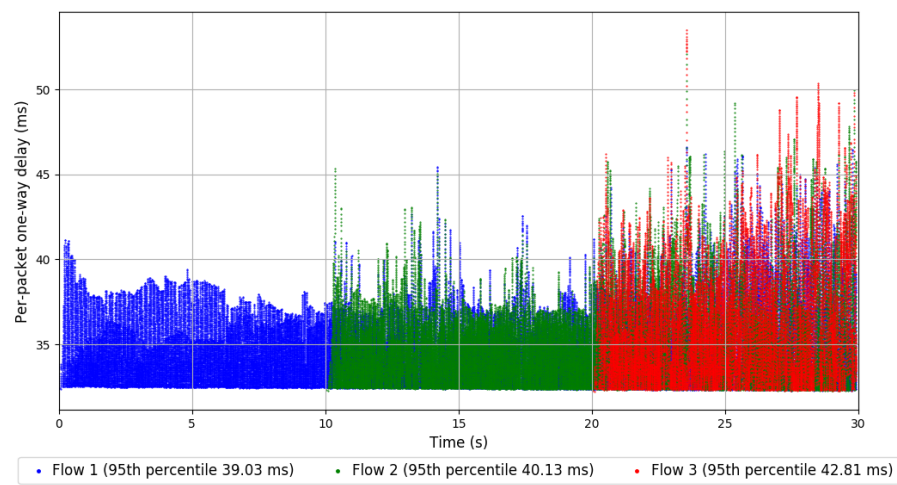
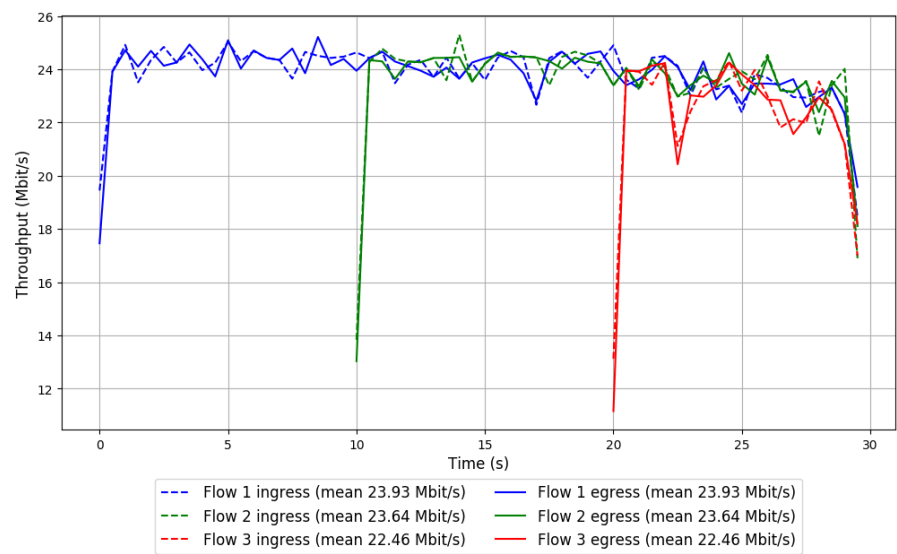


Run 7: Statistics of Sprout

Start at: 2018-02-20 11:56:57
End at: 2018-02-20 11:57:27
Local clock offset: -1.389 ms
Remote clock offset: -18.045 ms

Below is generated by plot.py at 2018-02-20 17:17:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 40.325 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 39.035 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 23.64 Mbit/s
95th percentile per-packet one-way delay: 40.126 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 22.46 Mbit/s
95th percentile per-packet one-way delay: 42.807 ms
Loss rate: 0.17%

Run 7: Report of Sprout — Data Link

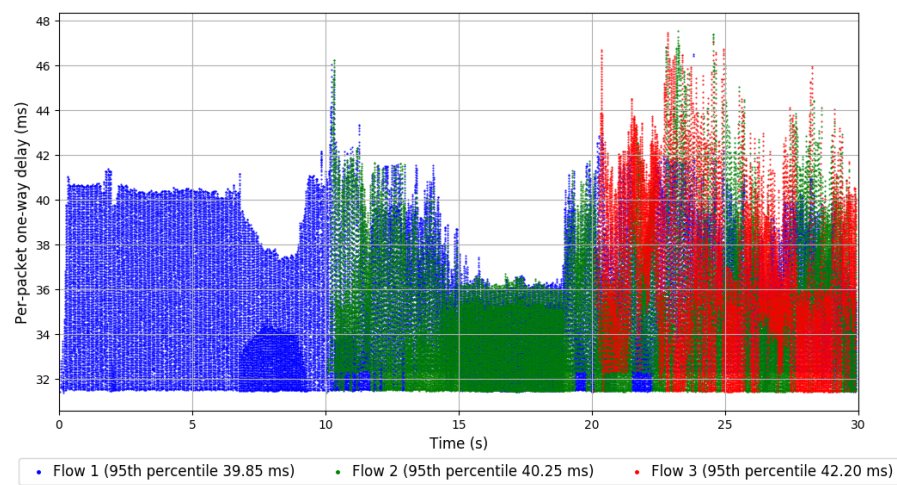
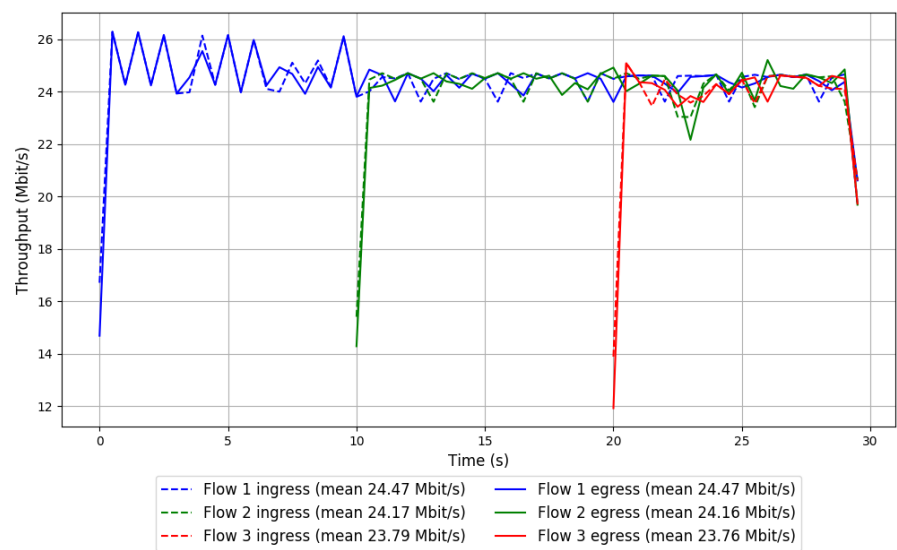


Run 8: Statistics of Sprout

Start at: 2018-02-20 12:19:11
End at: 2018-02-20 12:19:41
Local clock offset: 0.321 ms
Remote clock offset: -22.258 ms

Below is generated by plot.py at 2018-02-20 17:17:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 40.401 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 39.855 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 40.250 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 42.200 ms
Loss rate: 0.42%

Run 8: Report of Sprout — Data Link

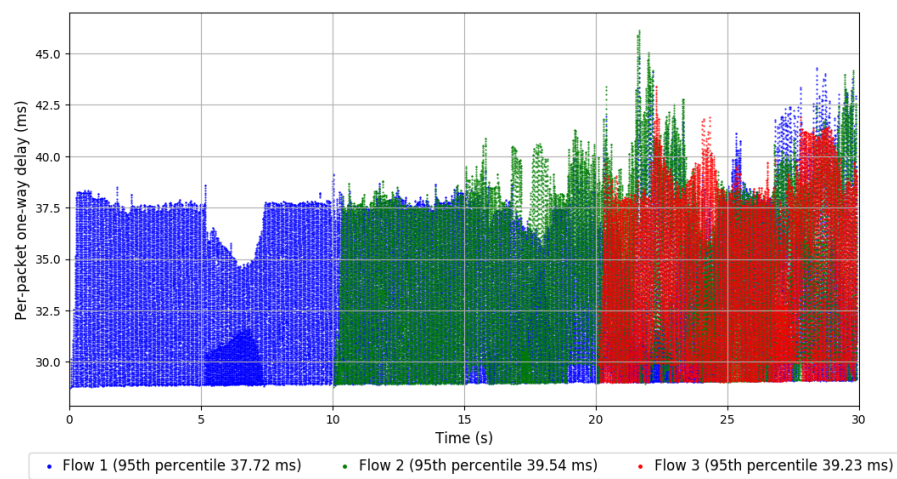
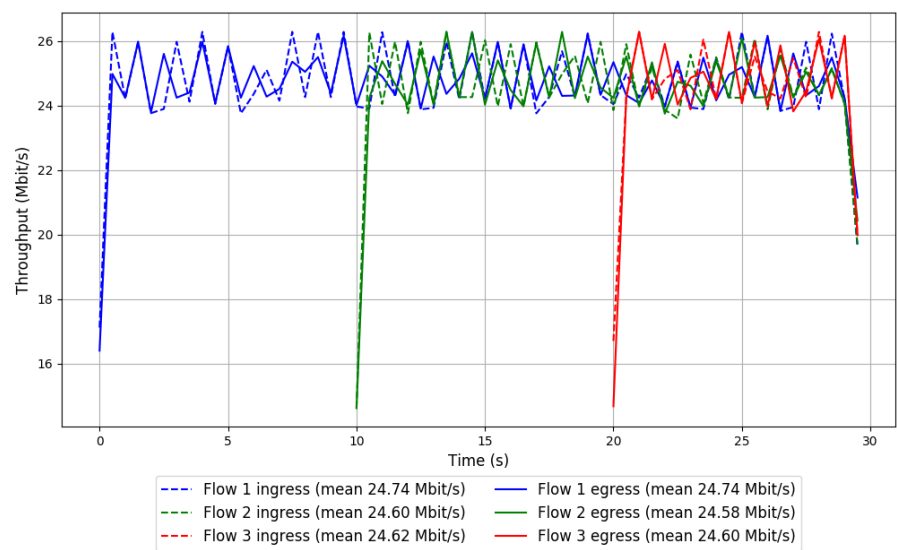


Run 9: Statistics of Sprout

Start at: 2018-02-20 12:41:24
End at: 2018-02-20 12:41:54
Local clock offset: -0.966 ms
Remote clock offset: -19.796 ms

Below is generated by plot.py at 2018-02-20 17:17:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.19 Mbit/s
95th percentile per-packet one-way delay: 38.795 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 37.724 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 39.544 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 39.228 ms
Loss rate: 0.41%

Run 9: Report of Sprout — Data Link

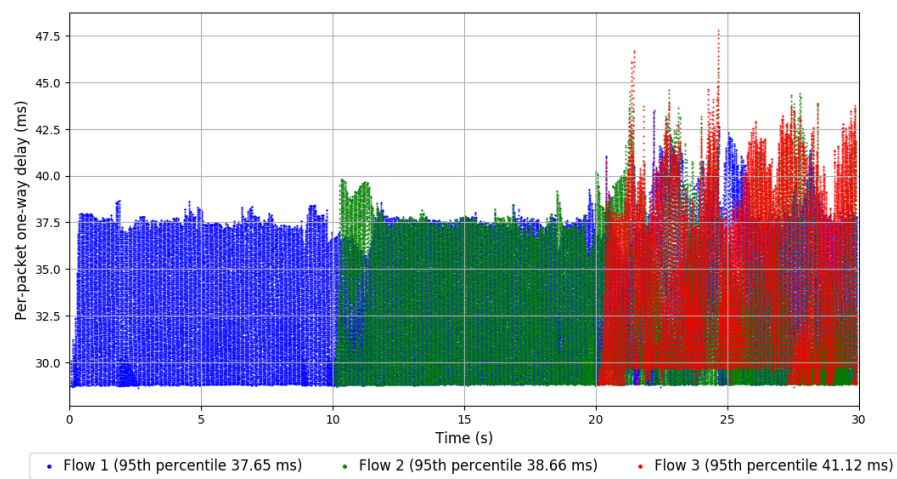
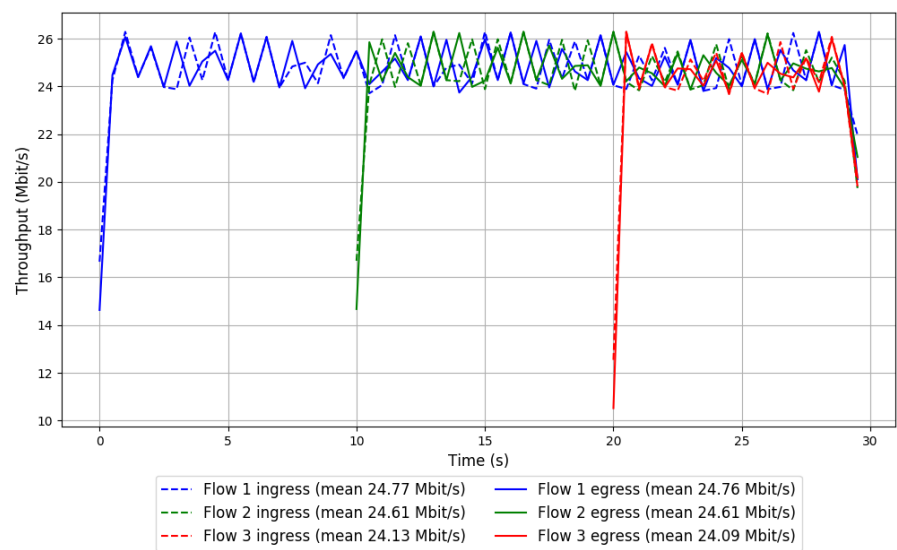


Run 10: Statistics of Sprout

Start at: 2018-02-20 13:03:12
End at: 2018-02-20 13:03:42
Local clock offset: -5.886 ms
Remote clock offset: -18.309 ms

Below is generated by plot.py at 2018-02-20 17:17:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 38.992 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 37.654 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: 38.662 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 41.125 ms
Loss rate: 0.34%

Run 10: Report of Sprout — Data Link

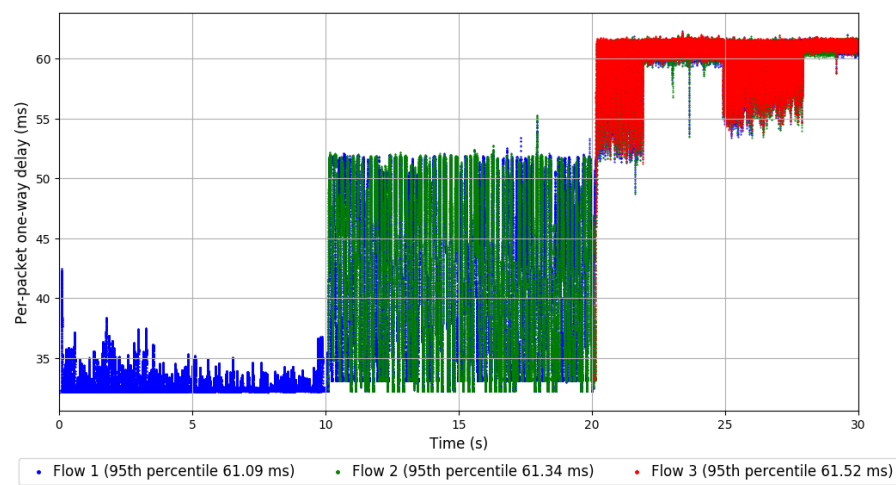
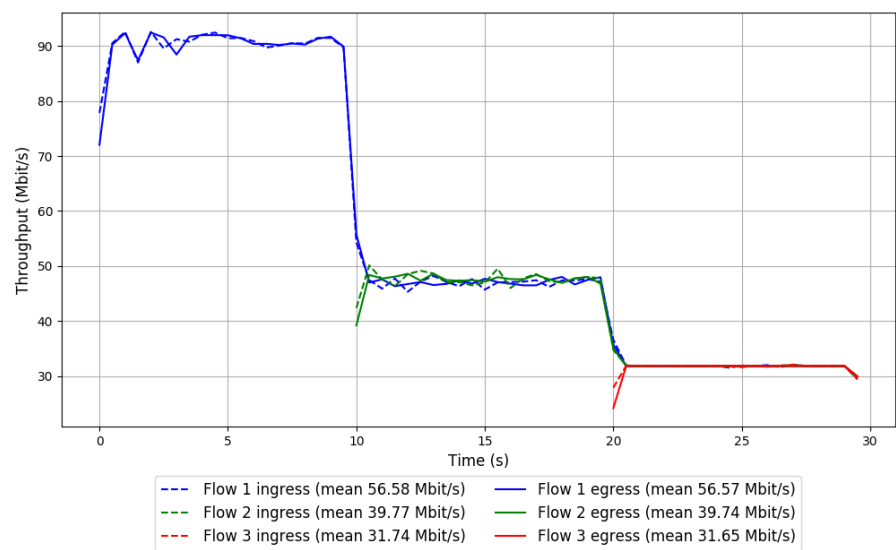


Run 1: Statistics of TaoVA-100x

Start at: 2018-02-20 09:45:59
End at: 2018-02-20 09:46:29
Local clock offset: -5.12 ms
Remote clock offset: -14.709 ms

Below is generated by plot.py at 2018-02-20 17:19:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 61.315 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 61.091 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 61.339 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 61.524 ms
Loss rate: 0.54%

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

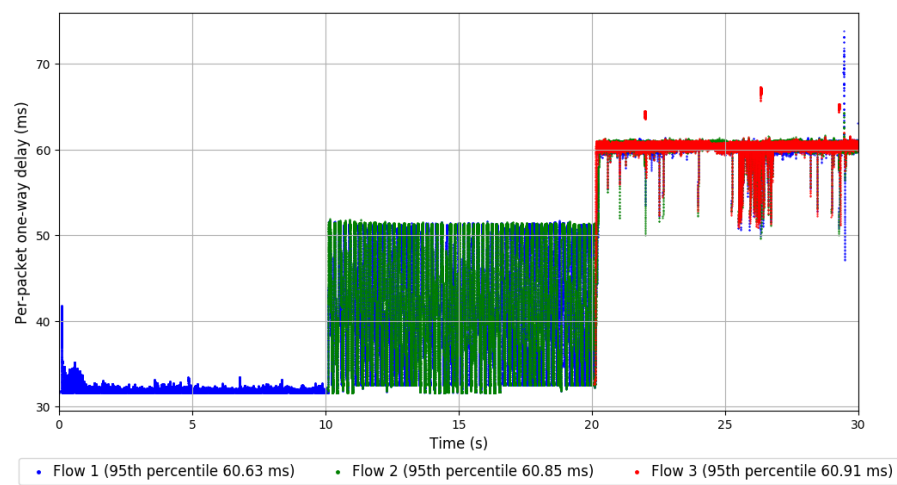
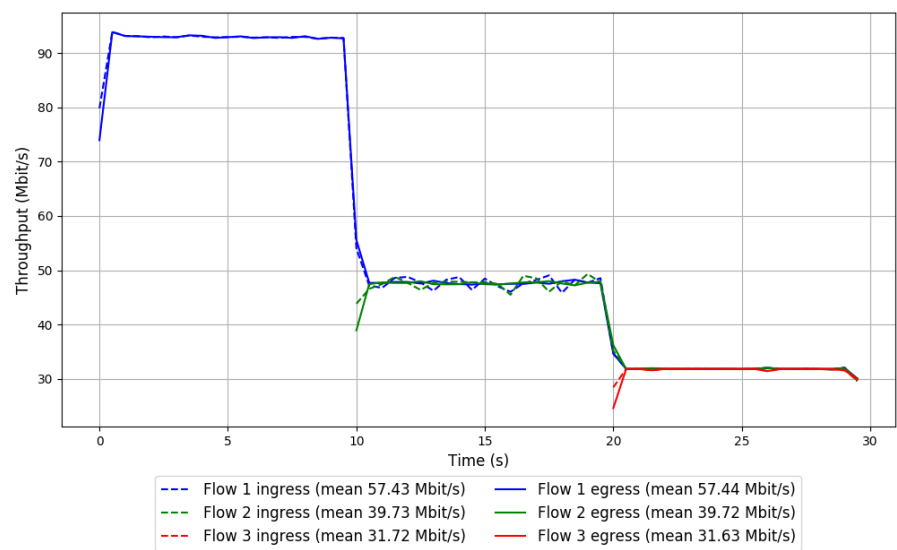


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-20 10:08:02
End at: 2018-02-20 10:08:32
Local clock offset: 0.389 ms
Remote clock offset: -10.938 ms

Below is generated by plot.py at 2018-02-20 17:19:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.36 Mbit/s
95th percentile per-packet one-way delay: 60.787 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.44 Mbit/s
95th percentile per-packet one-way delay: 60.635 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 60.852 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 60.905 ms
Loss rate: 0.55%

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

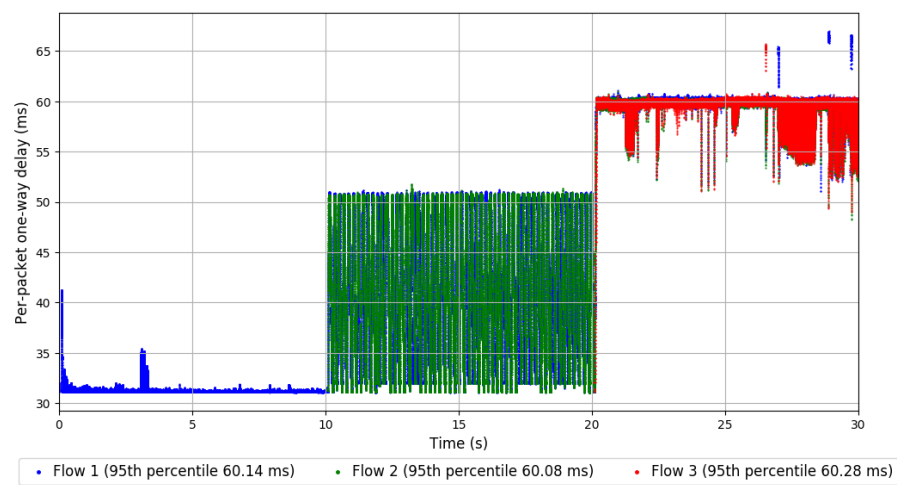
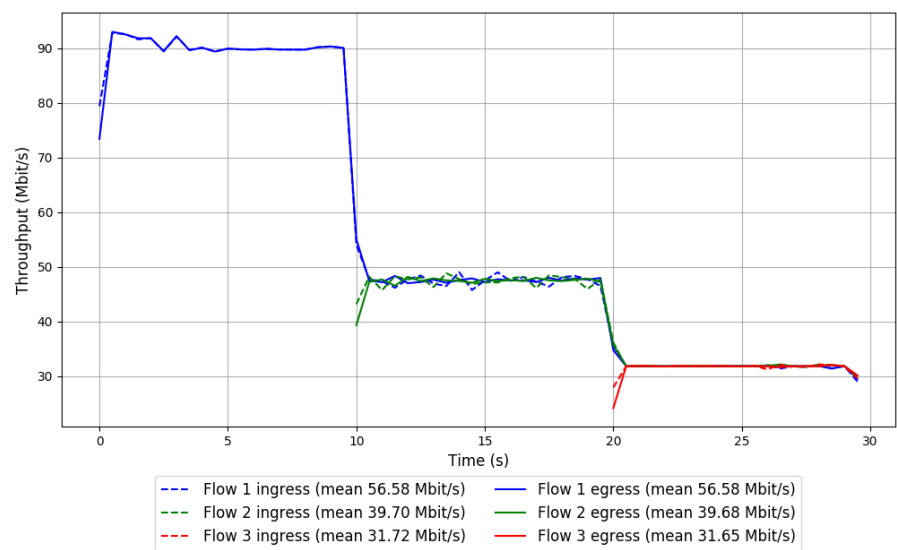


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-20 10:29:41
End at: 2018-02-20 10:30:11
Local clock offset: -0.95 ms
Remote clock offset: -18.792 ms

Below is generated by plot.py at 2018-02-20 17:19:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 60.156 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.58 Mbit/s
95th percentile per-packet one-way delay: 60.142 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: 60.080 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 60.277 ms
Loss rate: 0.52%

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

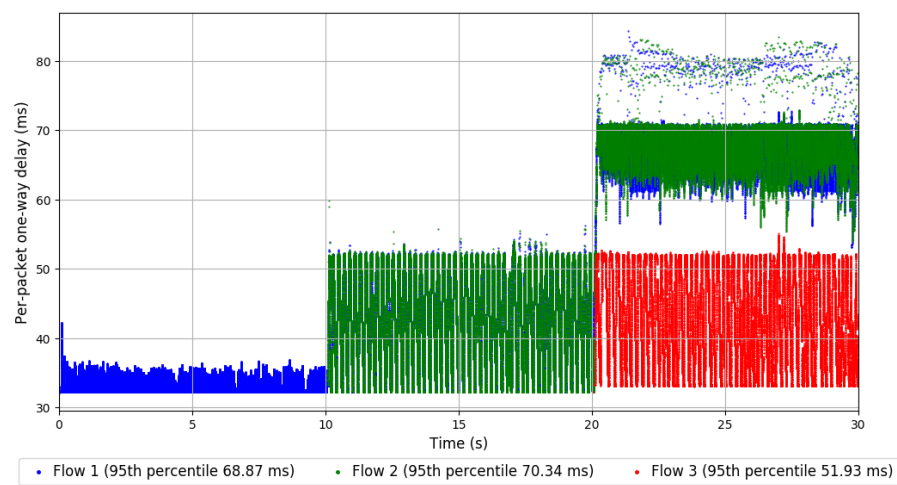
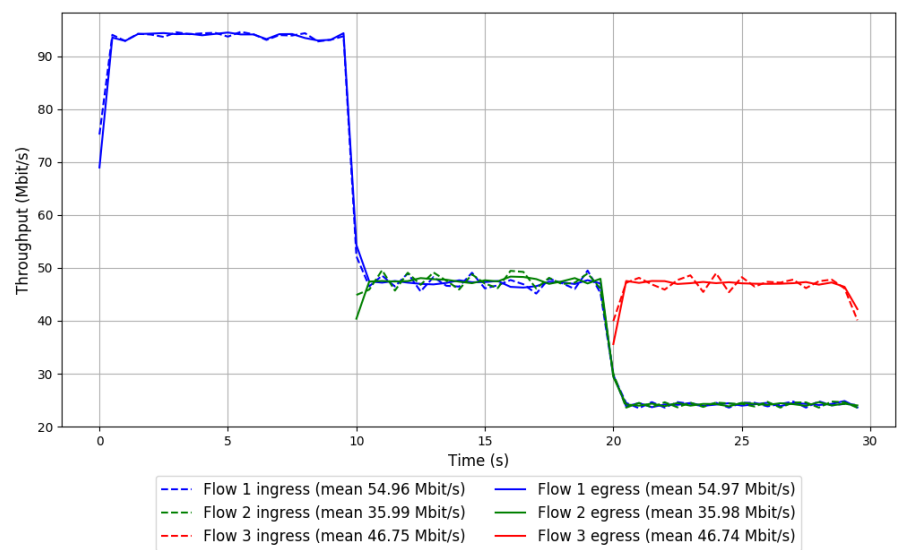


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-20 10:51:49
End at: 2018-02-20 10:52:19
Local clock offset: 1.343 ms
Remote clock offset: -19.176 ms

Below is generated by plot.py at 2018-02-20 17:19:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.38 Mbit/s
95th percentile per-packet one-way delay: 69.255 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 54.97 Mbit/s
95th percentile per-packet one-way delay: 68.866 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.98 Mbit/s
95th percentile per-packet one-way delay: 70.342 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 51.927 ms
Loss rate: 0.28%

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

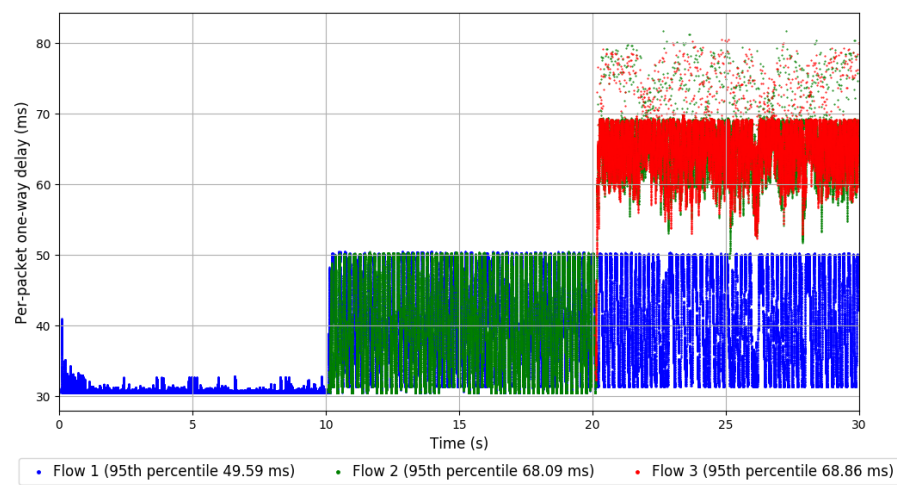
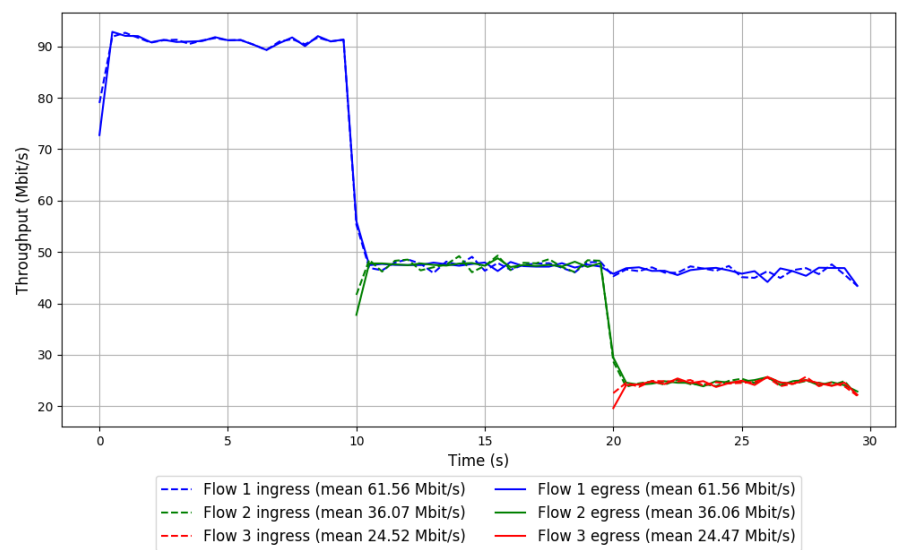


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-20 11:15:01
End at: 2018-02-20 11:15:31
Local clock offset: 0.141 ms
Remote clock offset: -19.123 ms

Below is generated by plot.py at 2018-02-20 17:19:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 66.865 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 61.56 Mbit/s
95th percentile per-packet one-way delay: 49.590 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 68.090 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 68.855 ms
Loss rate: 0.52%

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

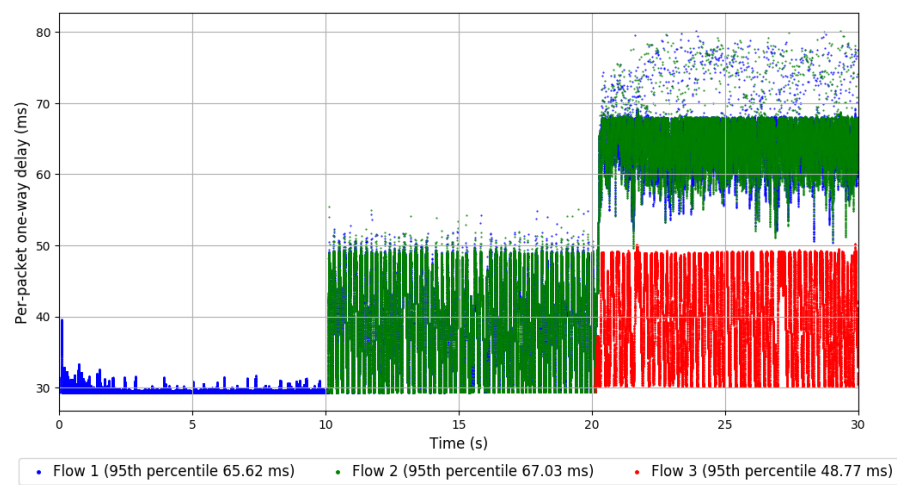
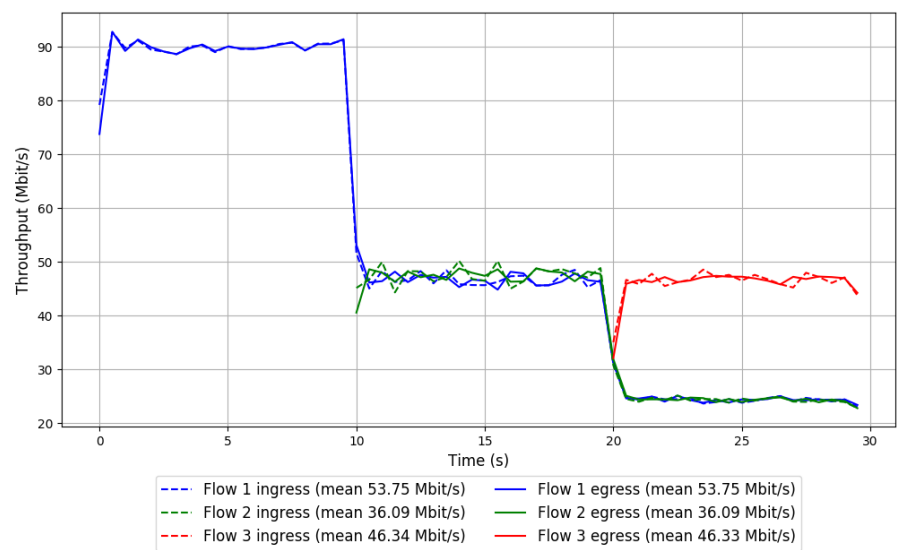


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-20 11:36:34
End at: 2018-02-20 11:37:04
Local clock offset: -2.559 ms
Remote clock offset: -17.472 ms

Below is generated by plot.py at 2018-02-20 17:19:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: 65.940 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 53.75 Mbit/s
95th percentile per-packet one-way delay: 65.617 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 67.032 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 46.33 Mbit/s
95th percentile per-packet one-way delay: 48.768 ms
Loss rate: 0.26%

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

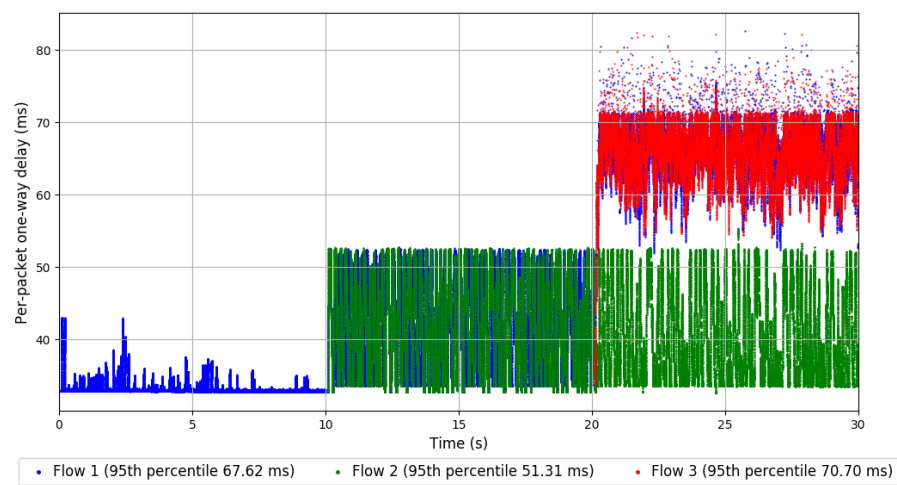
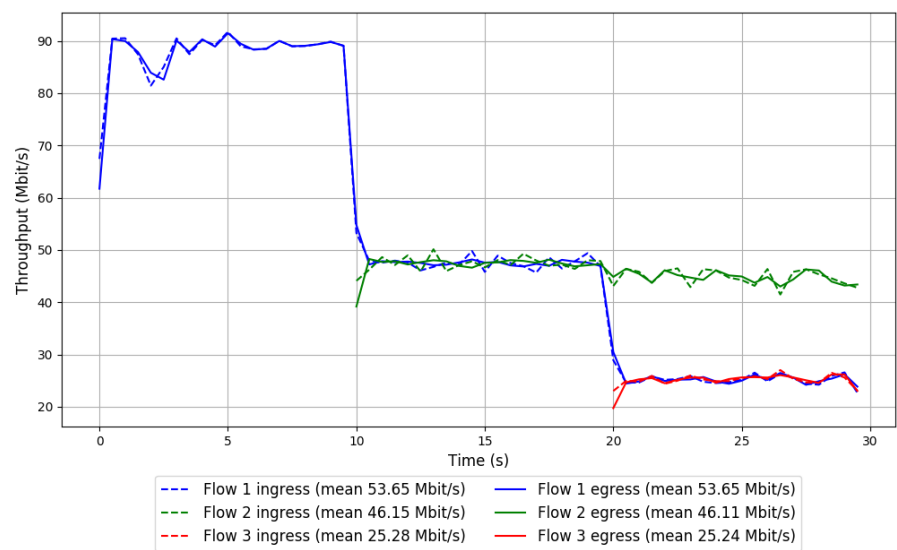


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-20 11:58:05
End at: 2018-02-20 11:58:35
Local clock offset: 0.549 ms
Remote clock offset: -16.949 ms

Below is generated by plot.py at 2018-02-20 17:19:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 67.946 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 53.65 Mbit/s
95th percentile per-packet one-way delay: 67.622 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 46.11 Mbit/s
95th percentile per-packet one-way delay: 51.313 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 70.698 ms
Loss rate: 0.59%

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

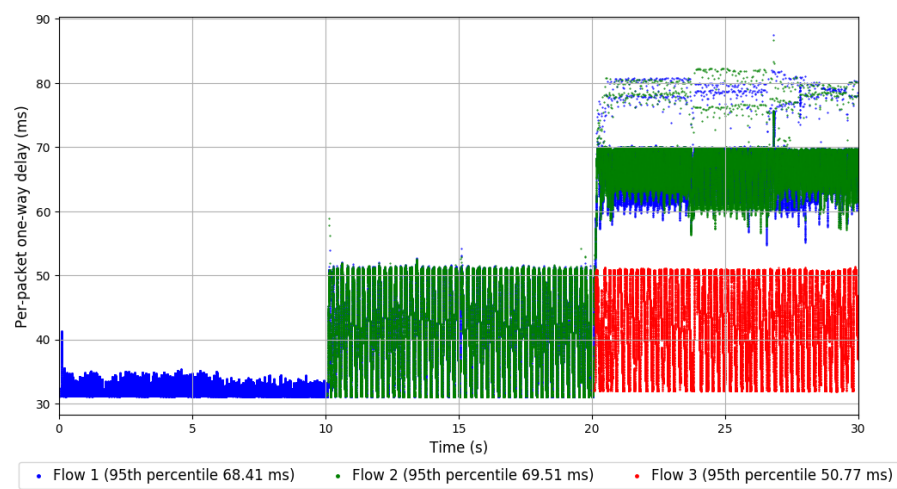
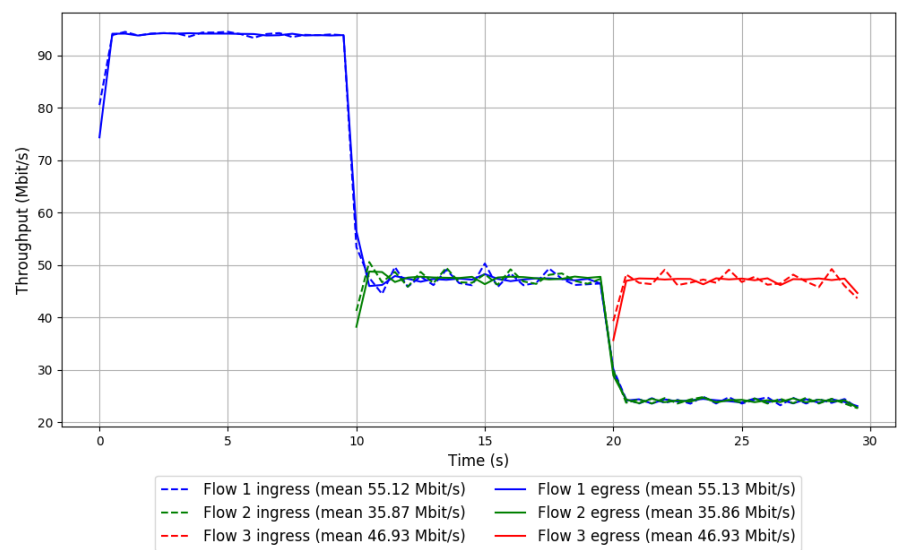


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-20 12:20:19
End at: 2018-02-20 12:20:49
Local clock offset: -1.019 ms
Remote clock offset: -23.454 ms

Below is generated by plot.py at 2018-02-20 17:19:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 68.752 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 68.413 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 35.86 Mbit/s
95th percentile per-packet one-way delay: 69.514 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 46.93 Mbit/s
95th percentile per-packet one-way delay: 50.765 ms
Loss rate: 0.26%

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

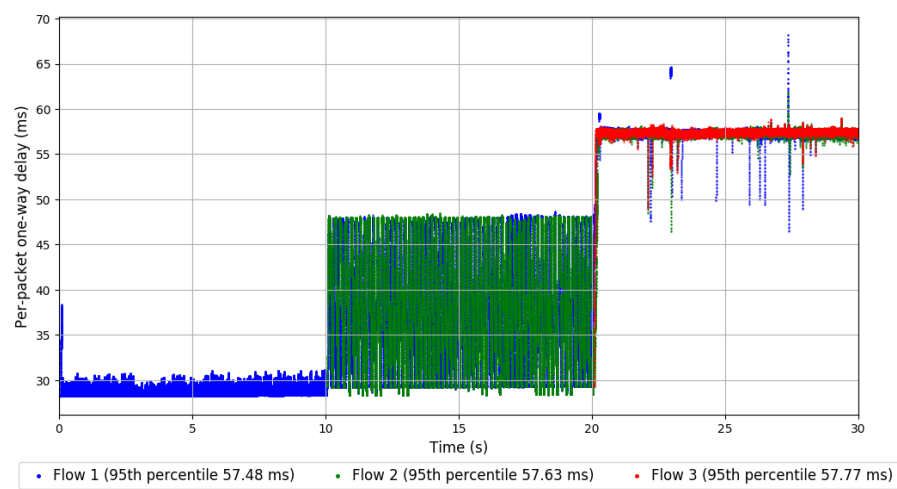
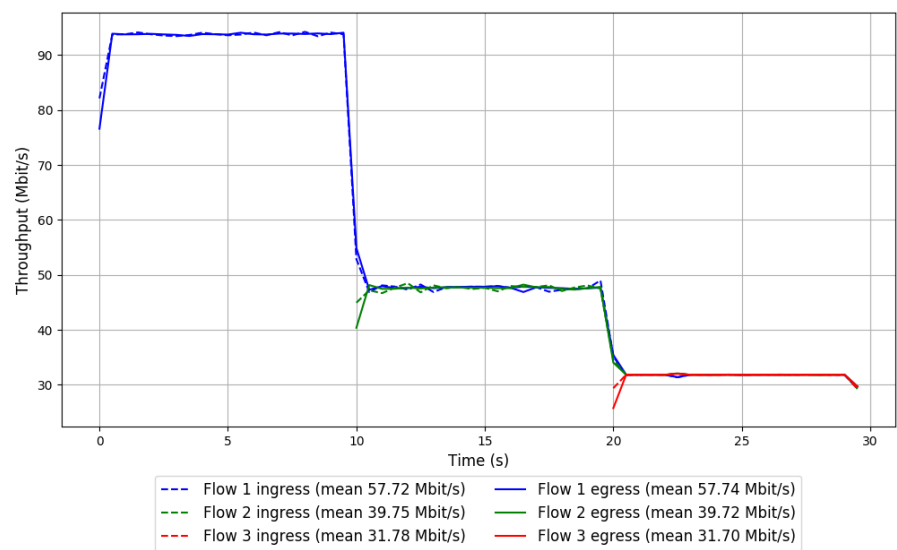


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-20 12:42:31
End at: 2018-02-20 12:43:01
Local clock offset: -0.842 ms
Remote clock offset: -18.462 ms

Below is generated by plot.py at 2018-02-20 17:21:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 57.632 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 57.477 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 57.632 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 57.765 ms
Loss rate: 0.51%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-20 13:04:20

End at: 2018-02-20 13:04:50

Local clock offset: -7.245 ms

Remote clock offset: -18.859 ms

Below is generated by plot.py at 2018-02-20 17:22:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 66.371 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 62.75 Mbit/s

95th percentile per-packet one-way delay: 47.592 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 36.00 Mbit/s

95th percentile per-packet one-way delay: 66.735 ms

Loss rate: 0.20%

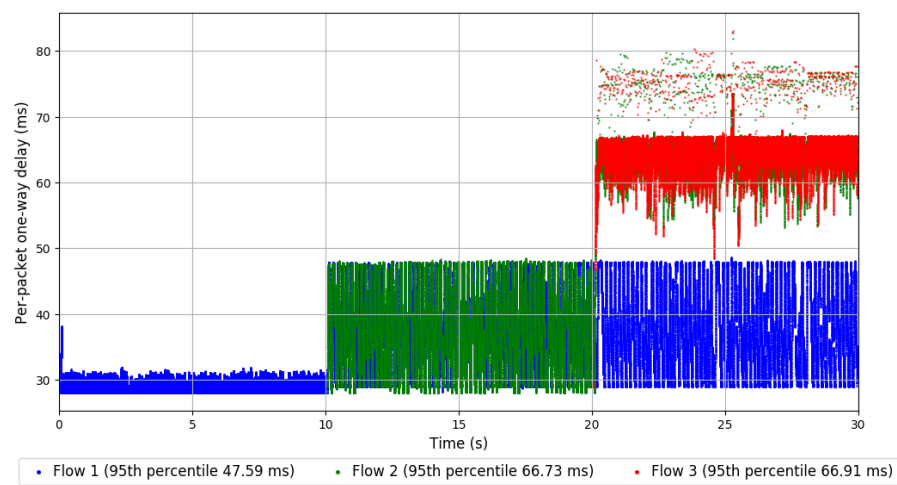
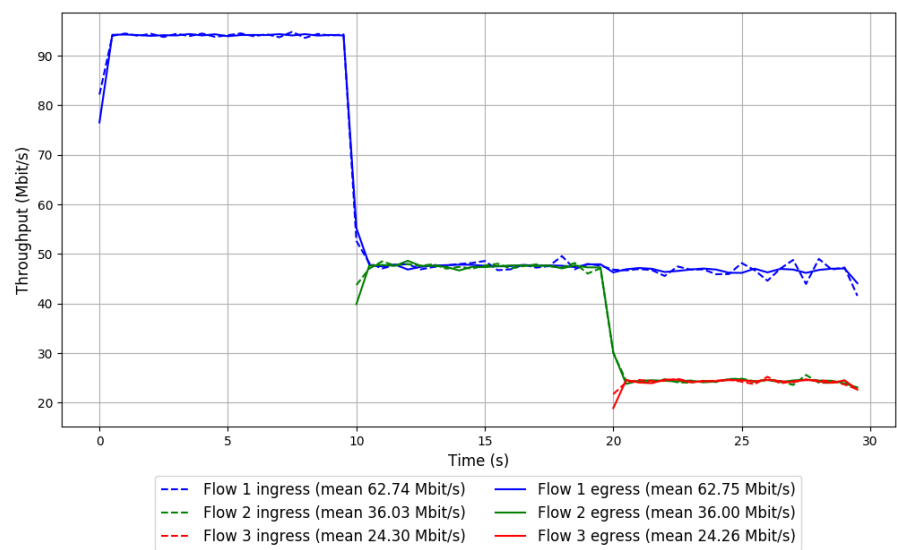
-- Flow 3:

Average throughput: 24.26 Mbit/s

95th percentile per-packet one-way delay: 66.910 ms

Loss rate: 0.57%

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

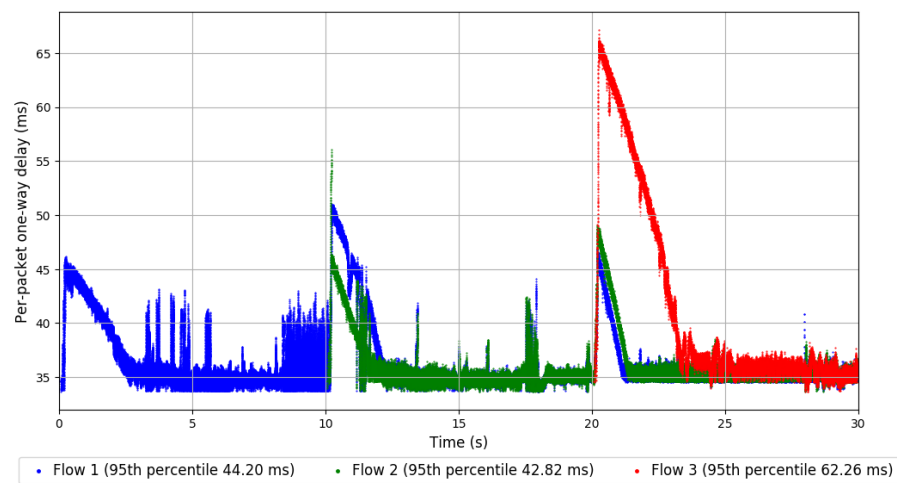
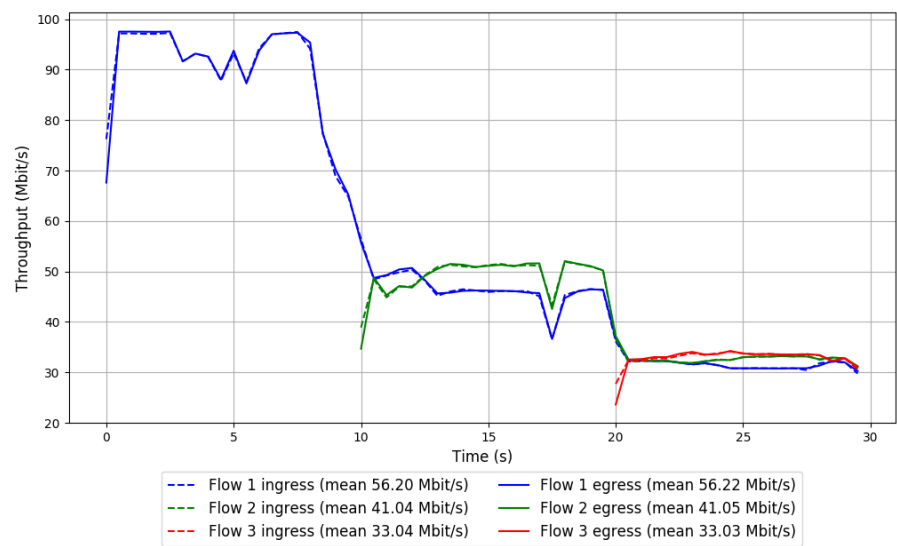


Run 1: Statistics of TCP Vegas

Start at: 2018-02-20 09:50:59
End at: 2018-02-20 09:51:29
Local clock offset: -3.424 ms
Remote clock offset: -15.625 ms

Below is generated by plot.py at 2018-02-20 17:22:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 45.160 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 44.196 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.05 Mbit/s
95th percentile per-packet one-way delay: 42.824 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 33.03 Mbit/s
95th percentile per-packet one-way delay: 62.260 ms
Loss rate: 0.27%

Run 1: Report of TCP Vegas — Data Link

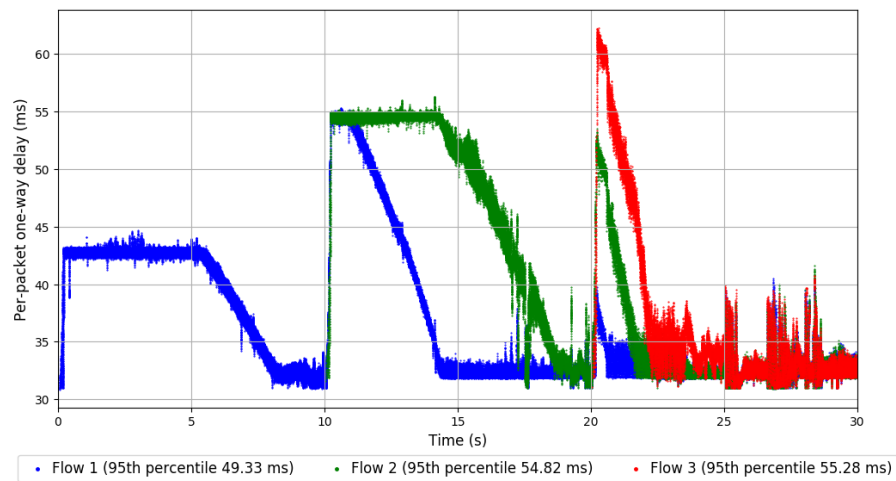
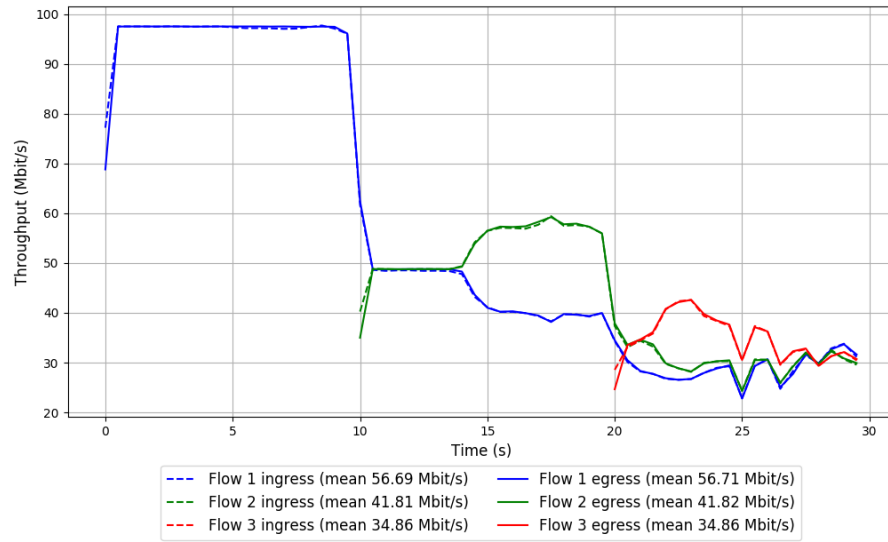


Run 2: Statistics of TCP Vegas

Start at: 2018-02-20 10:13:01
End at: 2018-02-20 10:13:31
Local clock offset: -0.615 ms
Remote clock offset: -11.131 ms

Below is generated by plot.py at 2018-02-20 17:22:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 54.634 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 56.71 Mbit/s
95th percentile per-packet one-way delay: 49.333 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 41.82 Mbit/s
95th percentile per-packet one-way delay: 54.818 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 34.86 Mbit/s
95th percentile per-packet one-way delay: 55.282 ms
Loss rate: 0.25%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-02-20 10:34:38

End at: 2018-02-20 10:35:08

Local clock offset: -0.84 ms

Remote clock offset: -17.983 ms

Run 3: Report of TCP Vegas — Data Link

Figure is missing

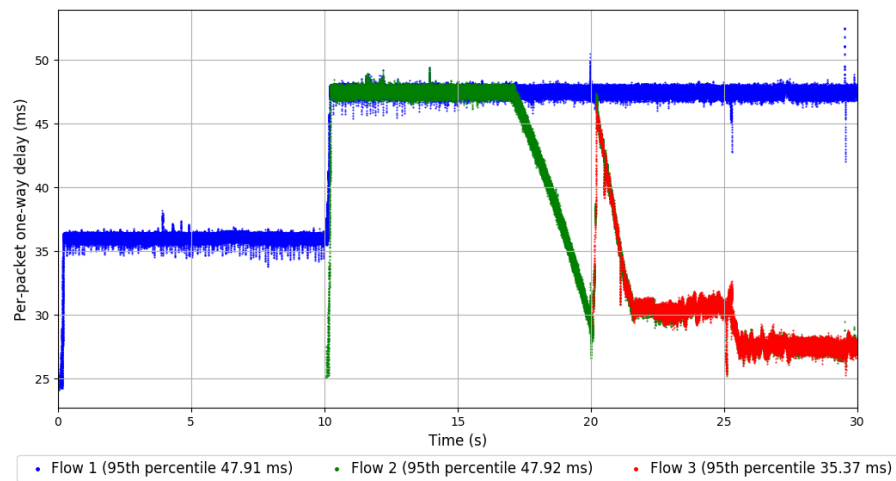
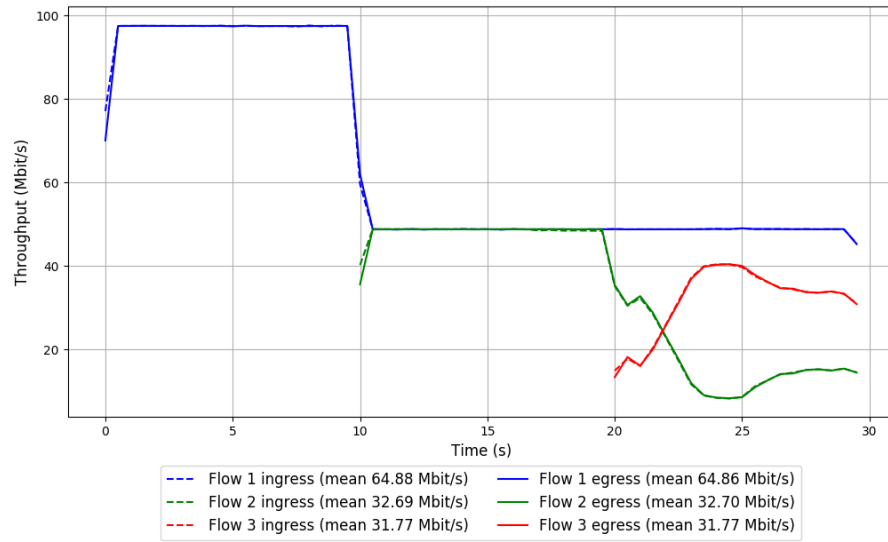
Figure is missing

Run 4: Statistics of TCP Vegas

Start at: 2018-02-20 10:56:57
End at: 2018-02-20 10:57:27
Local clock offset: -5.23 ms
Remote clock offset: -17.674 ms

Below is generated by plot.py at 2018-02-20 17:22:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 47.895 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 64.86 Mbit/s
95th percentile per-packet one-way delay: 47.906 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 32.70 Mbit/s
95th percentile per-packet one-way delay: 47.922 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 35.368 ms
Loss rate: 0.30%

Run 4: Report of TCP Vegas — Data Link

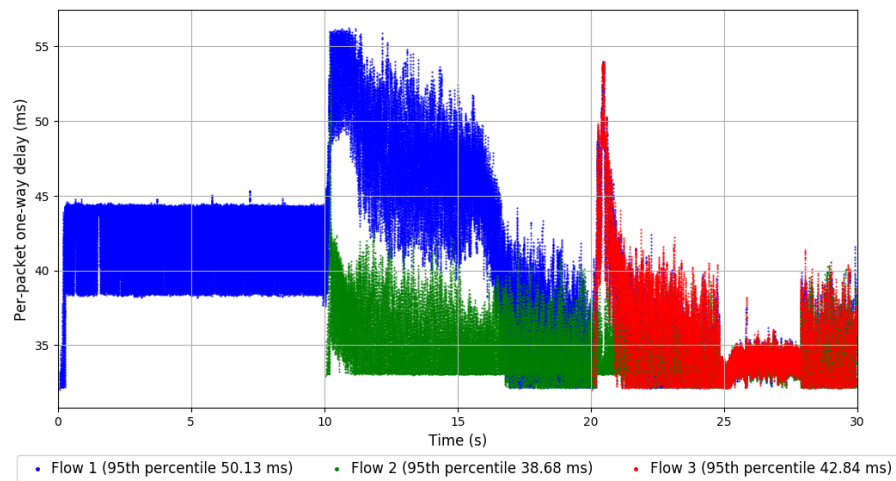
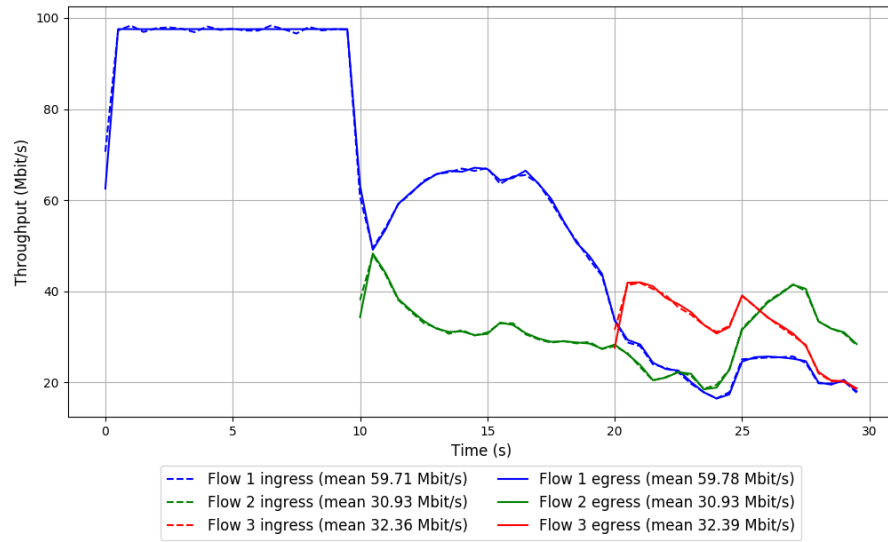


Run 5: Statistics of TCP Vegas

Start at: 2018-02-20 11:19:55
End at: 2018-02-20 11:20:25
Local clock offset: 1.571 ms
Remote clock offset: -19.528 ms

Below is generated by plot.py at 2018-02-20 17:22:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 48.820 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 50.128 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 38.679 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 42.844 ms
Loss rate: 0.19%

Run 5: Report of TCP Vegas — Data Link

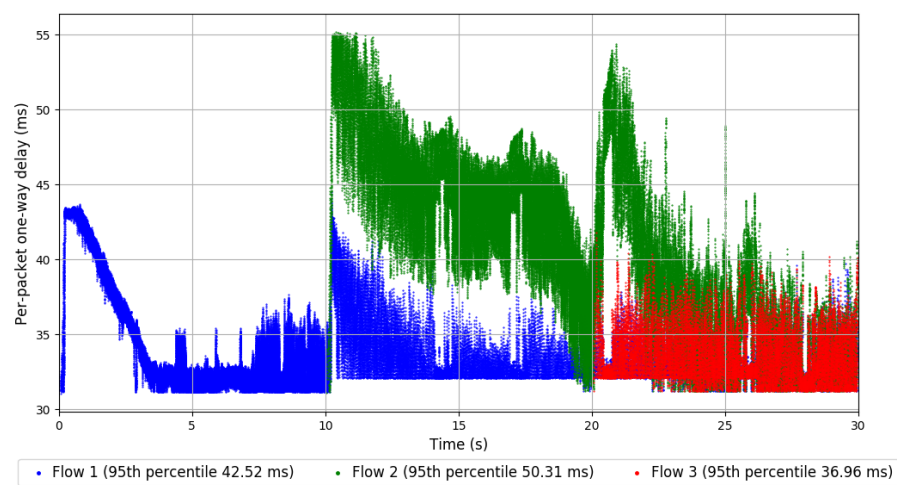
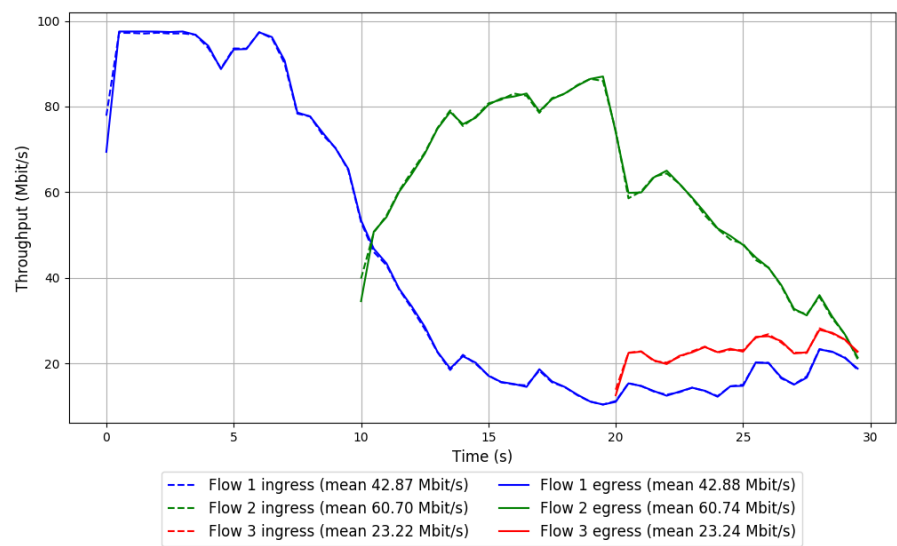


Run 6: Statistics of TCP Vegas

Start at: 2018-02-20 11:41:28
End at: 2018-02-20 11:41:58
Local clock offset: -1.111 ms
Remote clock offset: -17.089 ms

Below is generated by plot.py at 2018-02-20 17:22:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 47.755 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 42.88 Mbit/s
95th percentile per-packet one-way delay: 42.523 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 60.74 Mbit/s
95th percentile per-packet one-way delay: 50.311 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 23.24 Mbit/s
95th percentile per-packet one-way delay: 36.961 ms
Loss rate: 0.33%

Run 6: Report of TCP Vegas — Data Link

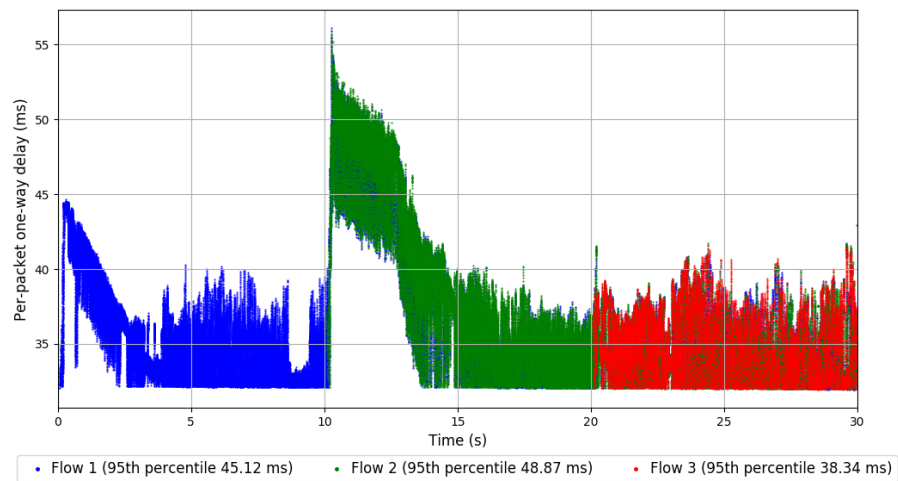
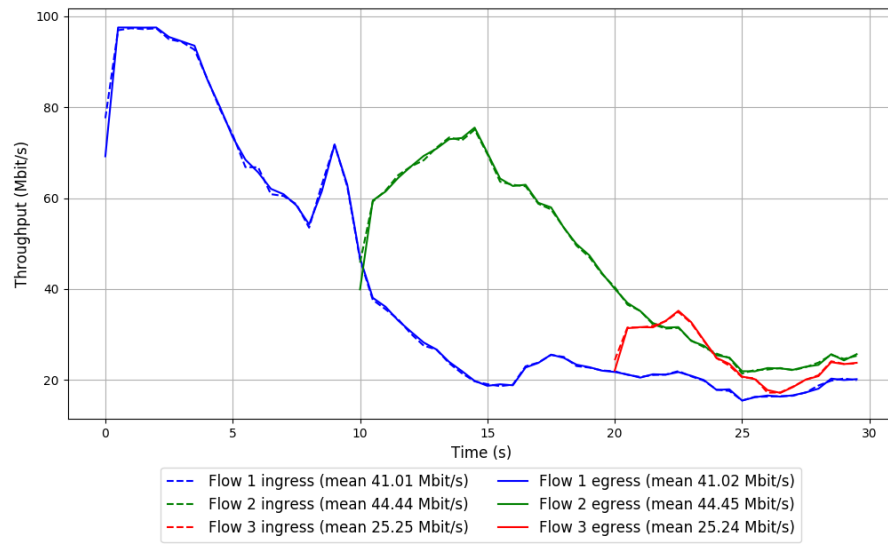


Run 7: Statistics of TCP Vegas

Start at: 2018-02-20 12:03:15
End at: 2018-02-20 12:03:45
Local clock offset: -1.856 ms
Remote clock offset: -20.456 ms

Below is generated by plot.py at 2018-02-20 17:22:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.96 Mbit/s
95th percentile per-packet one-way delay: 47.574 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 41.02 Mbit/s
95th percentile per-packet one-way delay: 45.120 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 44.45 Mbit/s
95th percentile per-packet one-way delay: 48.870 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 38.345 ms
Loss rate: 0.29%

Run 7: Report of TCP Vegas — Data Link

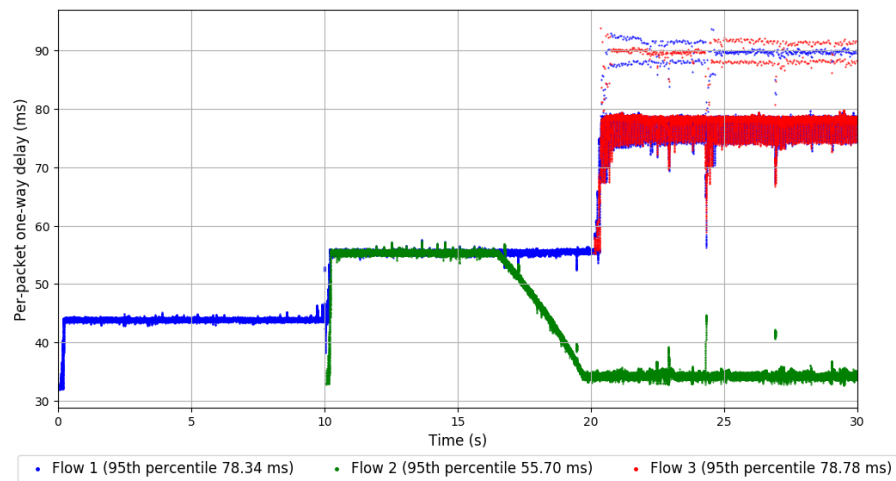
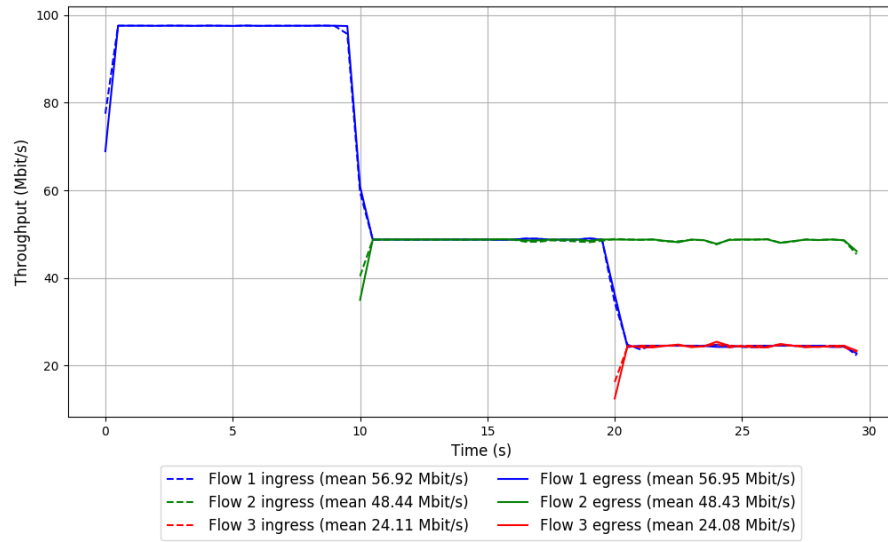


Run 8: Statistics of TCP Vegas

Start at: 2018-02-20 12:25:26
End at: 2018-02-20 12:25:56
Local clock offset: 0.913 ms
Remote clock offset: -23.038 ms

Below is generated by plot.py at 2018-02-20 17:22:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 78.396 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.95 Mbit/s
95th percentile per-packet one-way delay: 78.345 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 55.703 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 78.776 ms
Loss rate: 0.71%

Run 8: Report of TCP Vegas — Data Link

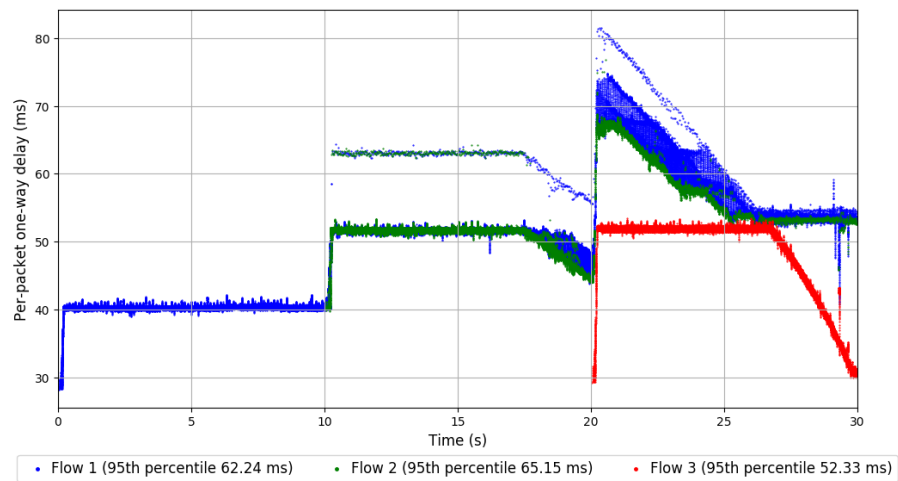
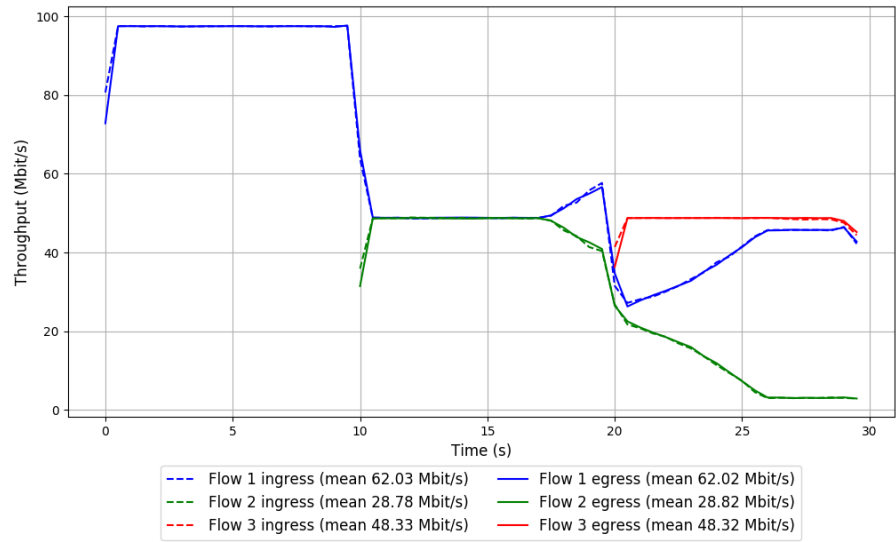


Run 9: Statistics of TCP Vegas

Start at: 2018-02-20 12:47:27
End at: 2018-02-20 12:47:57
Local clock offset: -4.388 ms
Remote clock offset: -19.812 ms

Below is generated by plot.py at 2018-02-20 17:22:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 61.917 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 62.02 Mbit/s
95th percentile per-packet one-way delay: 62.240 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 28.82 Mbit/s
95th percentile per-packet one-way delay: 65.149 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 48.32 Mbit/s
95th percentile per-packet one-way delay: 52.327 ms
Loss rate: 0.25%

Run 9: Report of TCP Vegas — Data Link

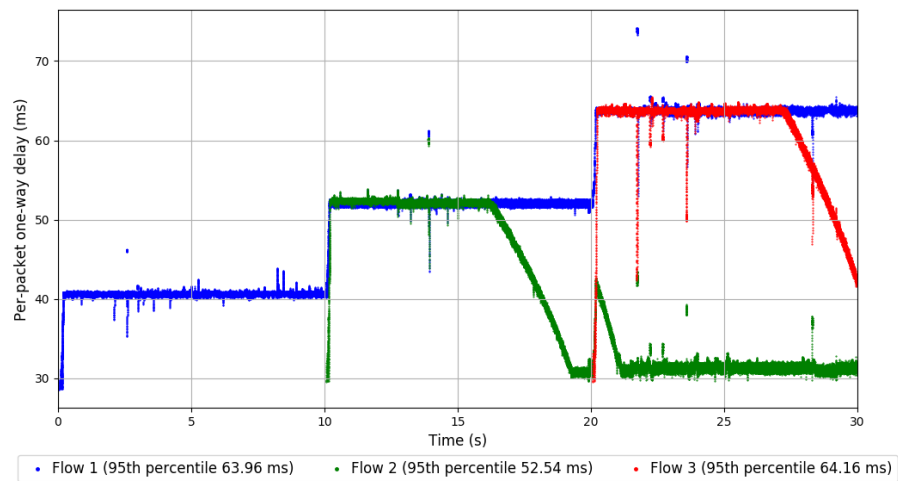
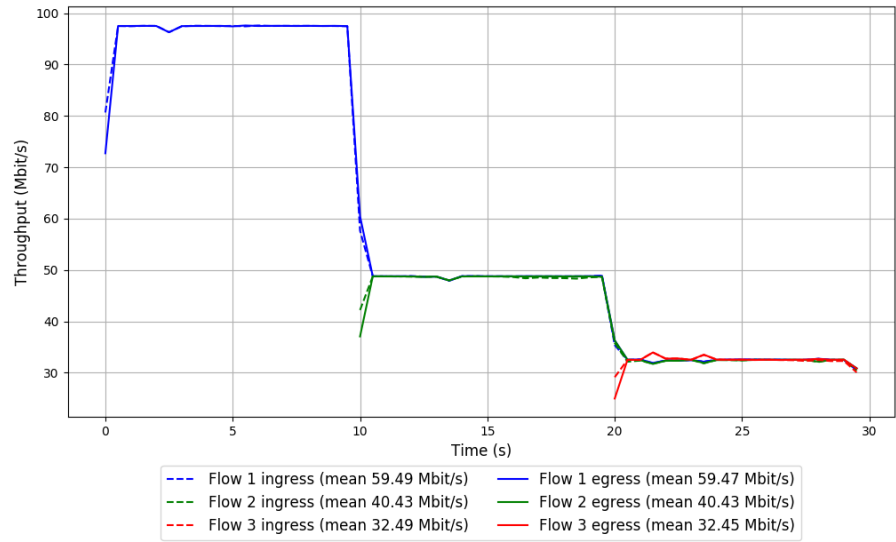


Run 10: Statistics of TCP Vegas

Start at: 2018-02-20 13:09:11
End at: 2018-02-20 13:09:41
Local clock offset: -6.56 ms
Remote clock offset: -18.326 ms

Below is generated by plot.py at 2018-02-20 17:22:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 63.956 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 63.962 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 52.540 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 64.162 ms
Loss rate: 0.35%

Run 10: Report of TCP Vegas — Data Link

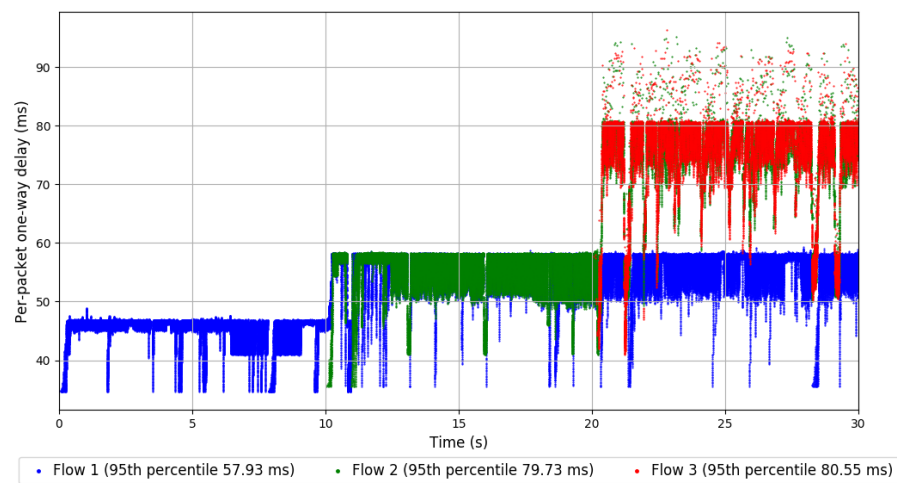
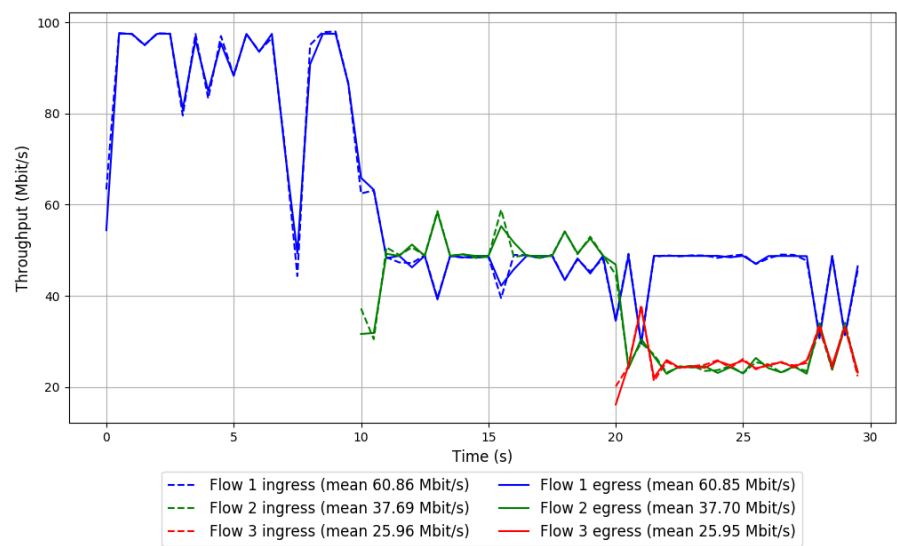


Run 1: Statistics of Verus

Start at: 2018-02-20 09:53:35
End at: 2018-02-20 09:54:05
Local clock offset: -2.021 ms
Remote clock offset: -15.628 ms

Below is generated by plot.py at 2018-02-20 17:22:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 78.509 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 60.85 Mbit/s
95th percentile per-packet one-way delay: 57.929 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.70 Mbit/s
95th percentile per-packet one-way delay: 79.735 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 25.95 Mbit/s
95th percentile per-packet one-way delay: 80.545 ms
Loss rate: 0.58%

Run 1: Report of Verus — Data Link

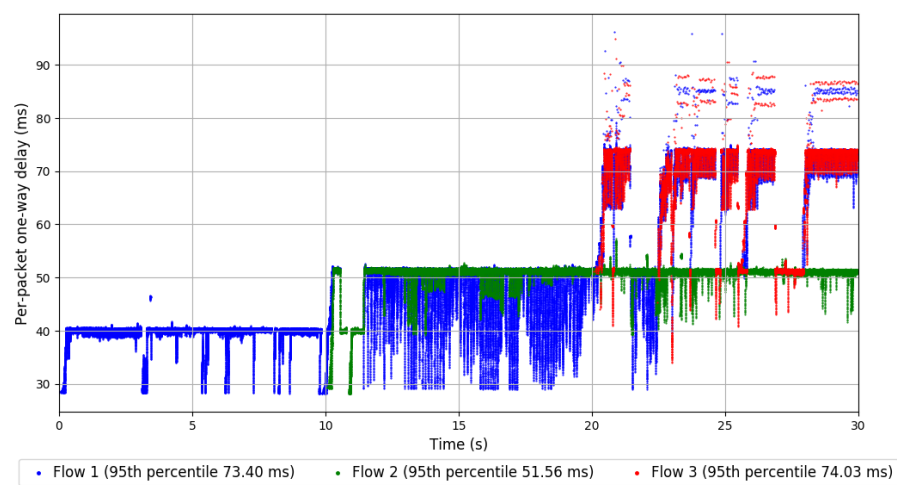
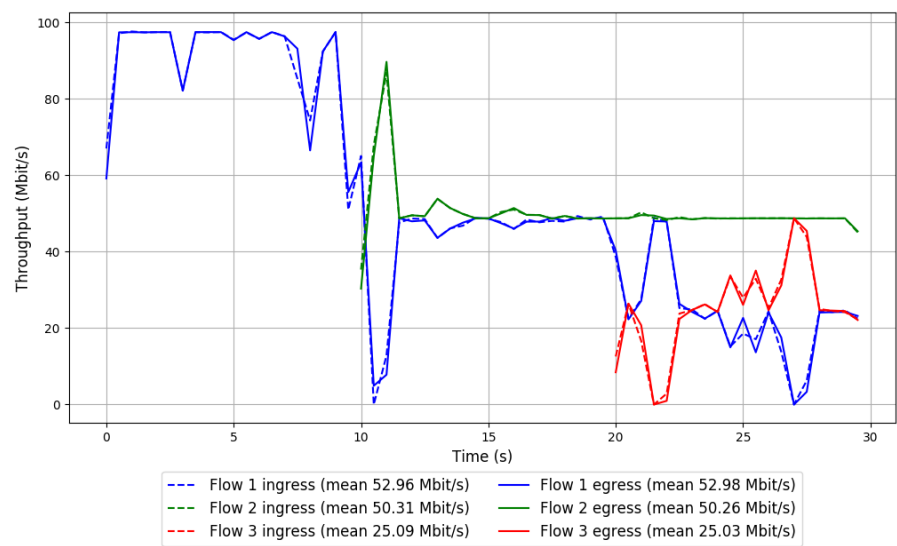


Run 2: Statistics of Verus

Start at: 2018-02-20 10:15:24
End at: 2018-02-20 10:15:54
Local clock offset: -1.301 ms
Remote clock offset: -10.766 ms

Below is generated by plot.py at 2018-02-20 17:22:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.70 Mbit/s
95th percentile per-packet one-way delay: 73.618 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 52.98 Mbit/s
95th percentile per-packet one-way delay: 73.400 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 51.562 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 25.03 Mbit/s
95th percentile per-packet one-way delay: 74.027 ms
Loss rate: 0.72%

Run 2: Report of Verus — Data Link

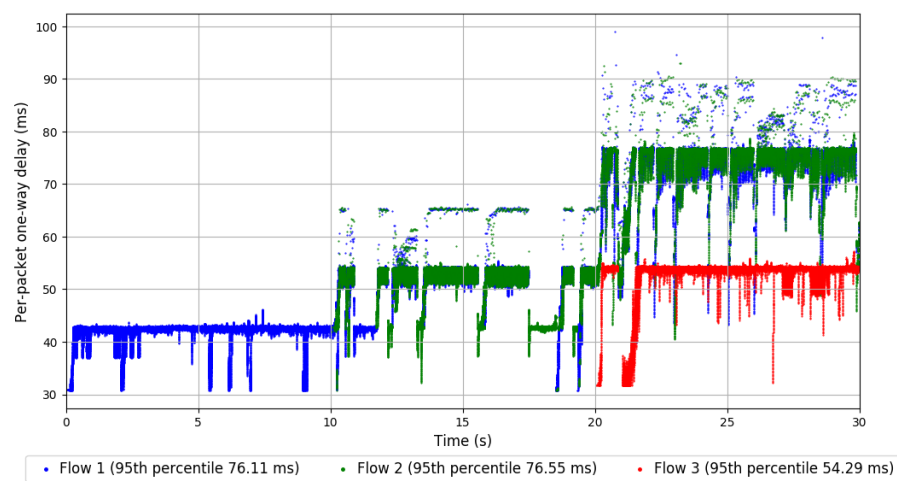
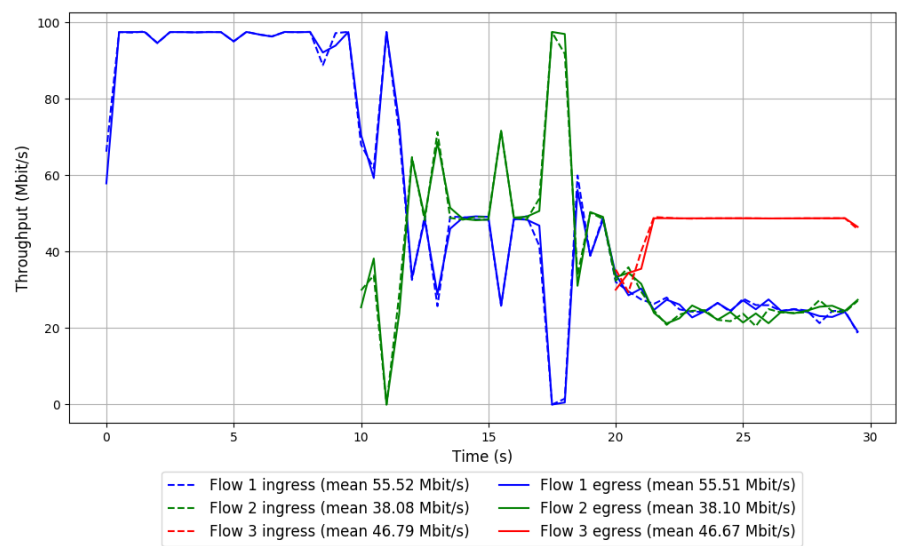


Run 3: Statistics of Verus

Start at: 2018-02-20 10:36:59
End at: 2018-02-20 10:37:29
Local clock offset: -1.32 ms
Remote clock offset: -19.639 ms

Below is generated by plot.py at 2018-02-20 17:22:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 76.275 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.51 Mbit/s
95th percentile per-packet one-way delay: 76.115 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 38.10 Mbit/s
95th percentile per-packet one-way delay: 76.548 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 46.67 Mbit/s
95th percentile per-packet one-way delay: 54.288 ms
Loss rate: 0.50%

Run 3: Report of Verus — Data Link

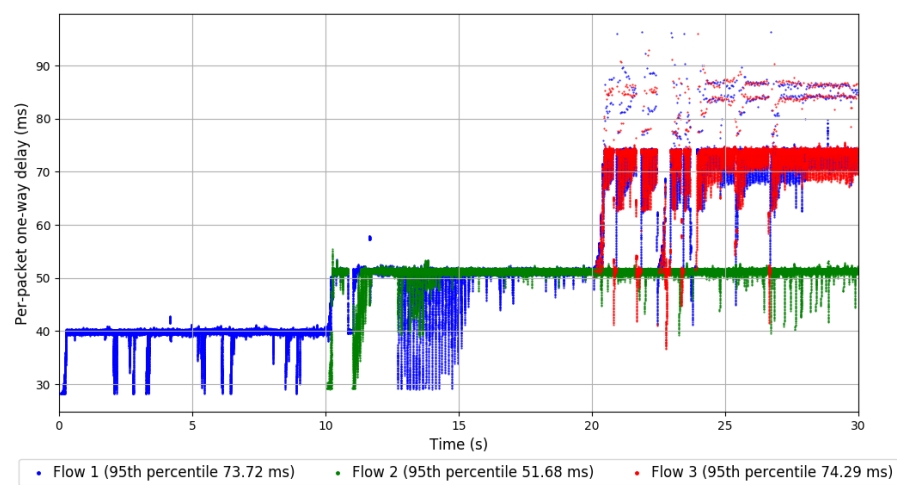
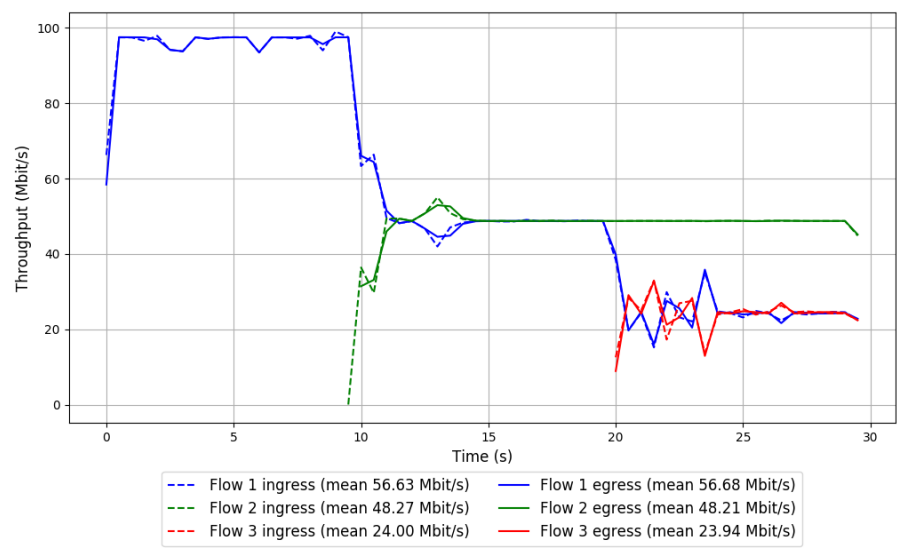


Run 4: Statistics of Verus

Start at: 2018-02-20 10:59:31
End at: 2018-02-20 11:00:01
Local clock offset: -3.013 ms
Remote clock offset: -19.489 ms

Below is generated by plot.py at 2018-02-20 17:23:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 73.849 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.68 Mbit/s
95th percentile per-packet one-way delay: 73.717 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.21 Mbit/s
95th percentile per-packet one-way delay: 51.682 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 74.286 ms
Loss rate: 0.72%

Run 4: Report of Verus — Data Link

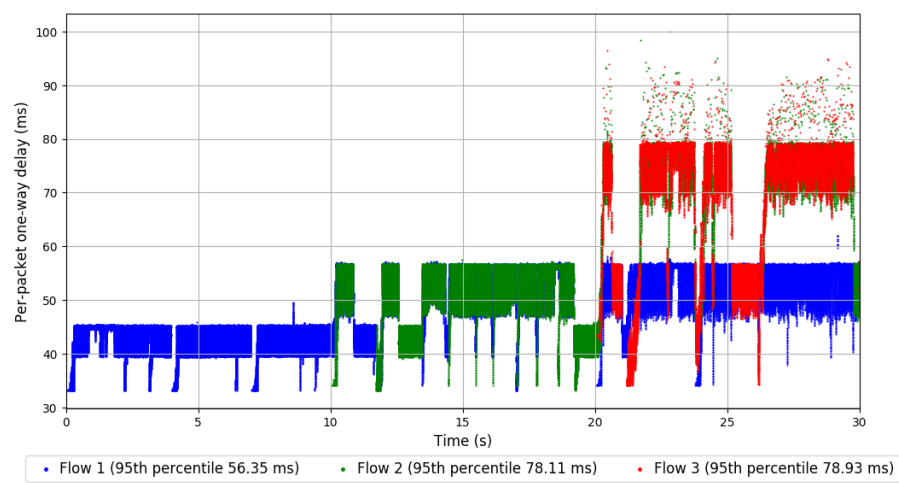
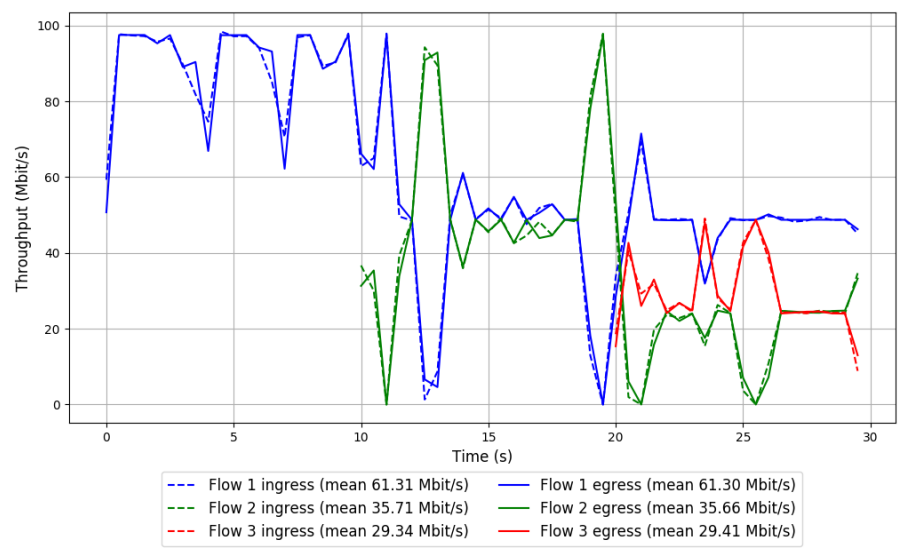


Run 5: Statistics of Verus

Start at: 2018-02-20 11:22:15
End at: 2018-02-20 11:22:45
Local clock offset: 1.465 ms
Remote clock offset: -20.624 ms

Below is generated by plot.py at 2018-02-20 17:23:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.78 Mbit/s
95th percentile per-packet one-way delay: 75.958 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 61.30 Mbit/s
95th percentile per-packet one-way delay: 56.352 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.66 Mbit/s
95th percentile per-packet one-way delay: 78.107 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 29.41 Mbit/s
95th percentile per-packet one-way delay: 78.934 ms
Loss rate: 0.00%

Run 5: Report of Verus — Data Link

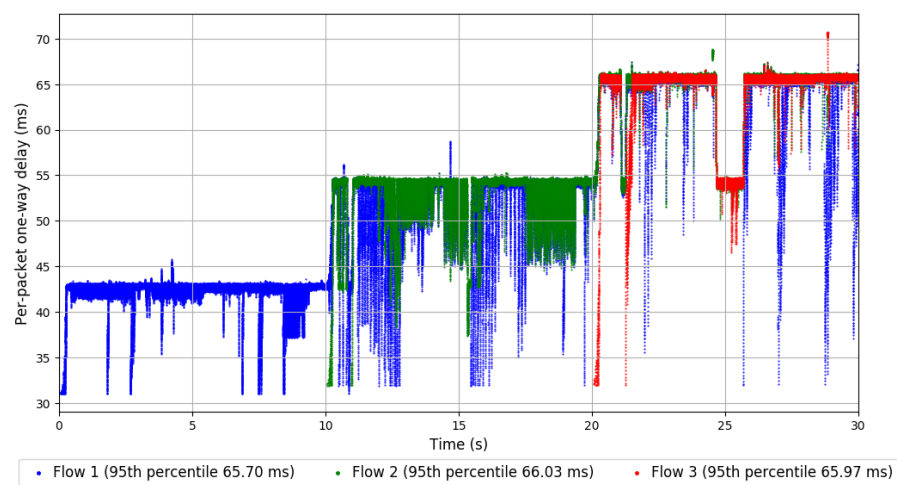
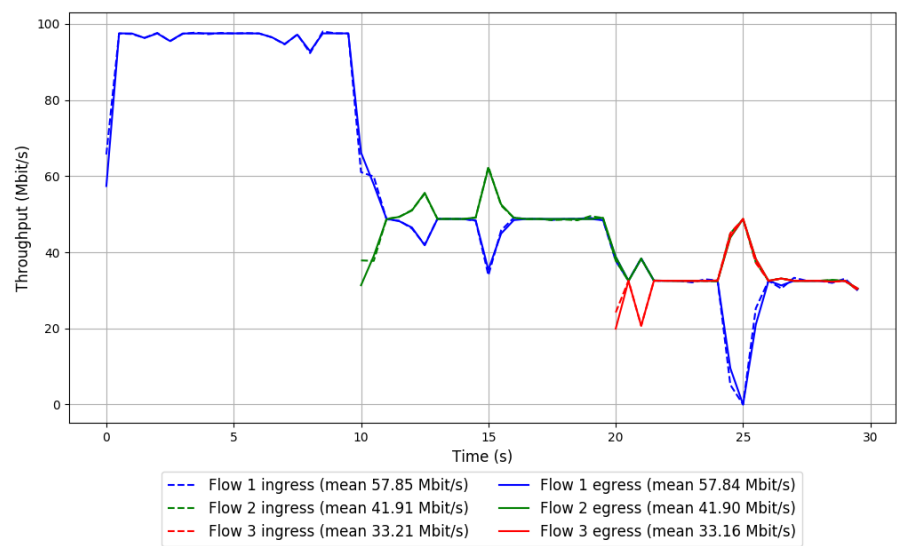


Run 6: Statistics of Verus

Start at: 2018-02-20 11:43:55
End at: 2018-02-20 11:44:25
Local clock offset: -2.537 ms
Remote clock offset: -18.142 ms

Below is generated by plot.py at 2018-02-20 17:24:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 65.924 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.84 Mbit/s
95th percentile per-packet one-way delay: 65.697 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.90 Mbit/s
95th percentile per-packet one-way delay: 66.027 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 65.971 ms
Loss rate: 0.59%

Run 6: Report of Verus — Data Link

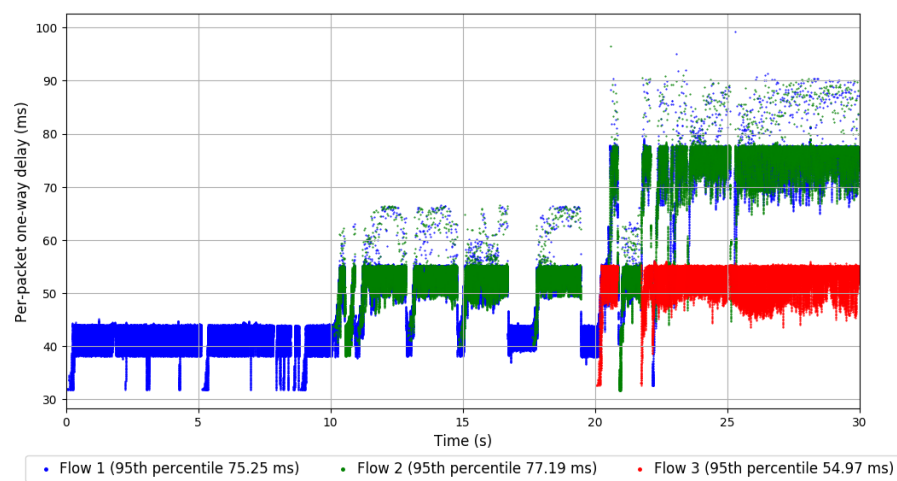
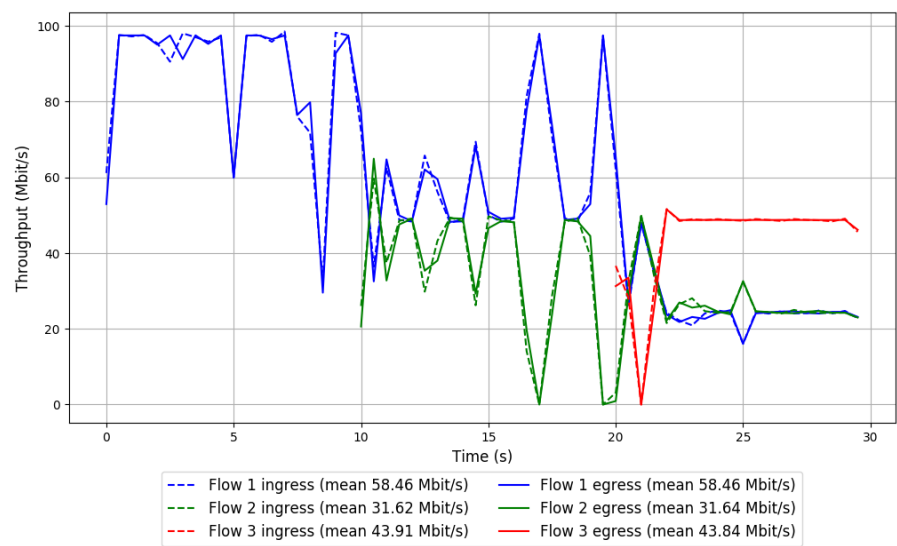


Run 7: Statistics of Verus

Start at: 2018-02-20 12:05:44
End at: 2018-02-20 12:06:14
Local clock offset: -1.292 ms
Remote clock offset: -20.756 ms

Below is generated by plot.py at 2018-02-20 17:24:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 75.939 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 75.255 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 77.189 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 43.84 Mbit/s
95th percentile per-packet one-way delay: 54.972 ms
Loss rate: 0.54%

Run 7: Report of Verus — Data Link

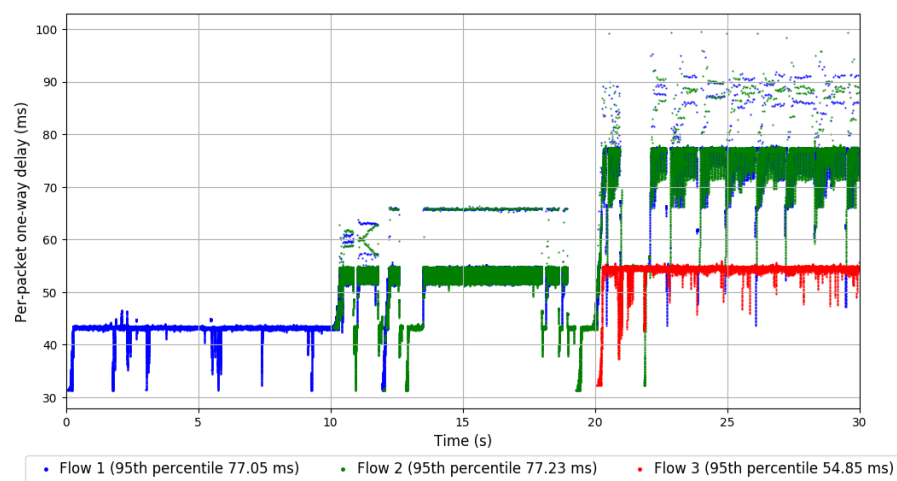
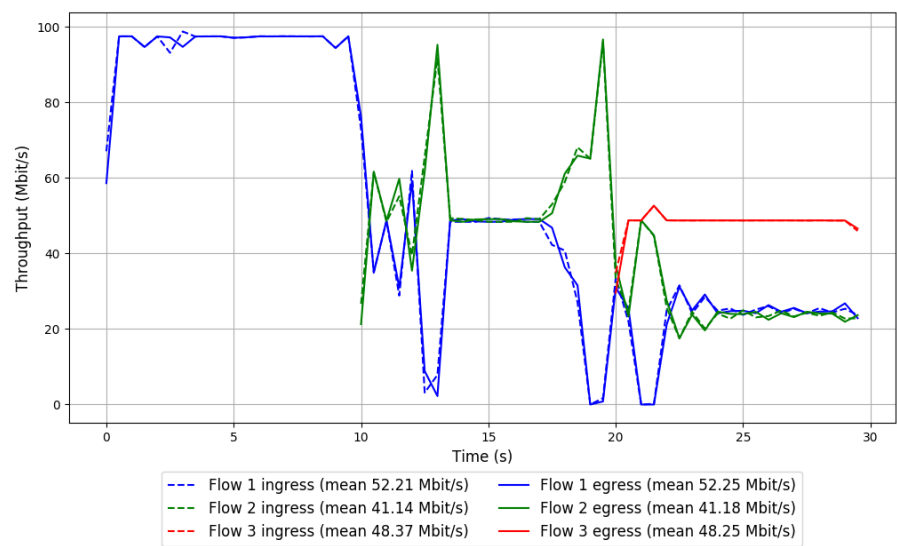


Run 8: Statistics of Verus

Start at: 2018-02-20 12:27:55
End at: 2018-02-20 12:28:25
Local clock offset: 0.569 ms
Remote clock offset: -22.931 ms

Below is generated by plot.py at 2018-02-20 17:24:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 77.073 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 52.25 Mbit/s
95th percentile per-packet one-way delay: 77.052 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.18 Mbit/s
95th percentile per-packet one-way delay: 77.229 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 54.854 ms
Loss rate: 0.49%

Run 8: Report of Verus — Data Link

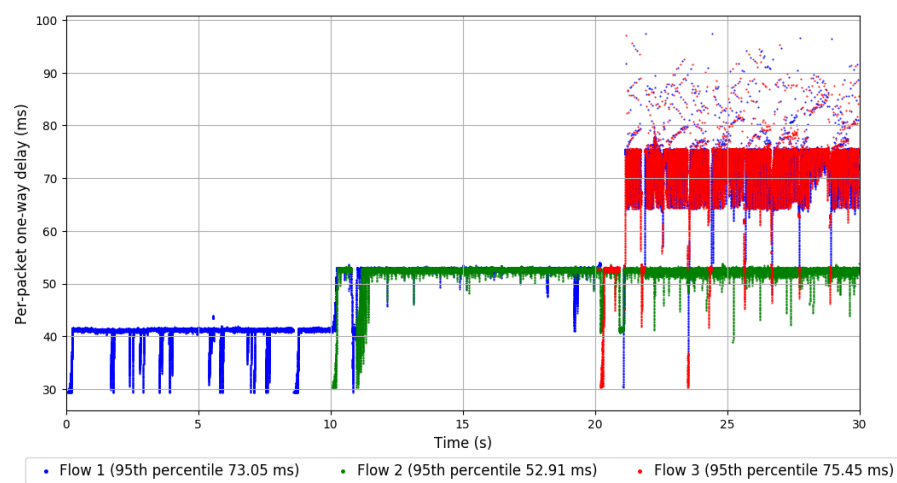
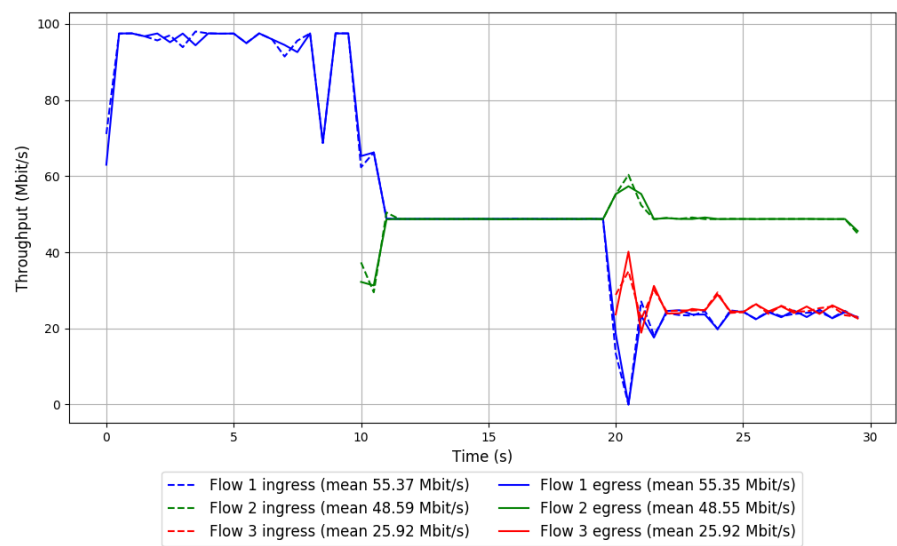


Run 9: Statistics of Verus

Start at: 2018-02-20 12:50:03
End at: 2018-02-20 12:50:33
Local clock offset: -5.369 ms
Remote clock offset: -20.953 ms

Below is generated by plot.py at 2018-02-20 17:24:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 73.577 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 55.35 Mbit/s
95th percentile per-packet one-way delay: 73.049 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.55 Mbit/s
95th percentile per-packet one-way delay: 52.915 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 25.92 Mbit/s
95th percentile per-packet one-way delay: 75.452 ms
Loss rate: 0.60%

Run 9: Report of Verus — Data Link

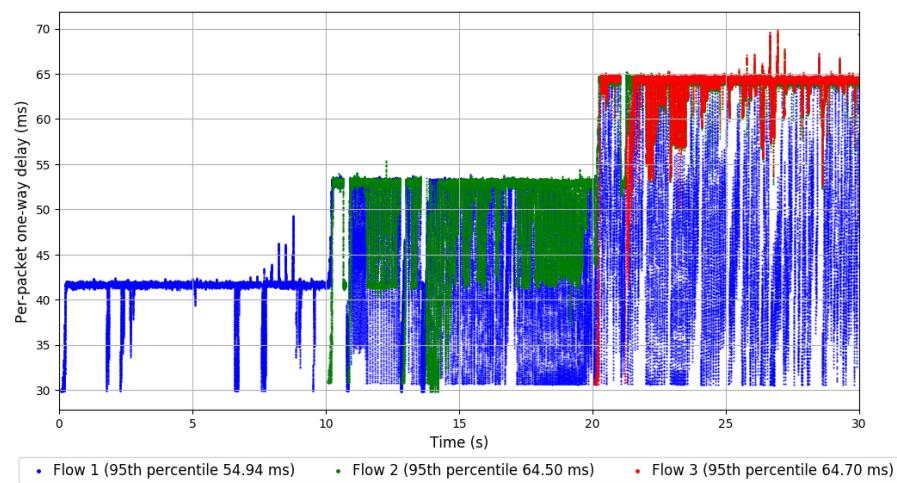
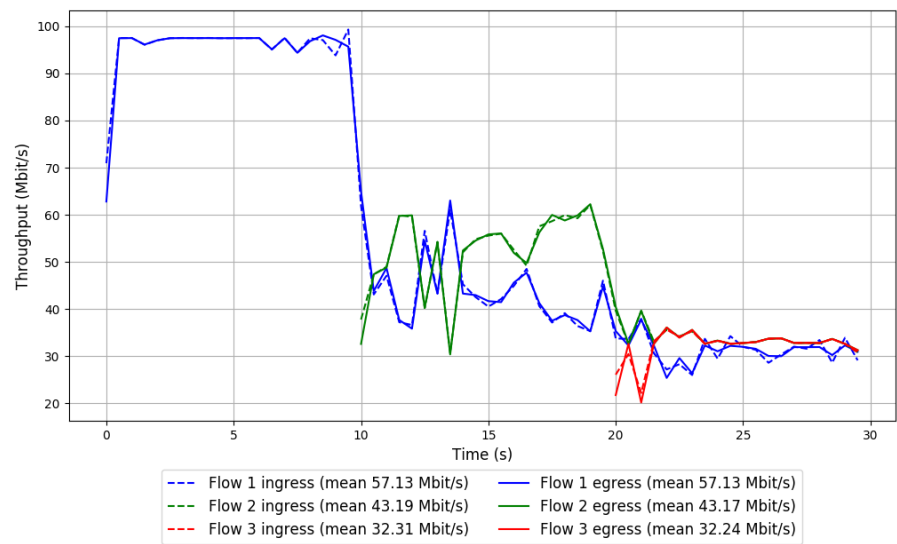


Run 10: Statistics of Verus

Start at: 2018-02-20 13:11:34
End at: 2018-02-20 13:12:04
Local clock offset: -6.297 ms
Remote clock offset: -19.078 ms

Below is generated by plot.py at 2018-02-20 17:24:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 64.511 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 54.940 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 43.17 Mbit/s
95th percentile per-packet one-way delay: 64.497 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 64.698 ms
Loss rate: 0.58%

Run 10: Report of Verus — Data Link

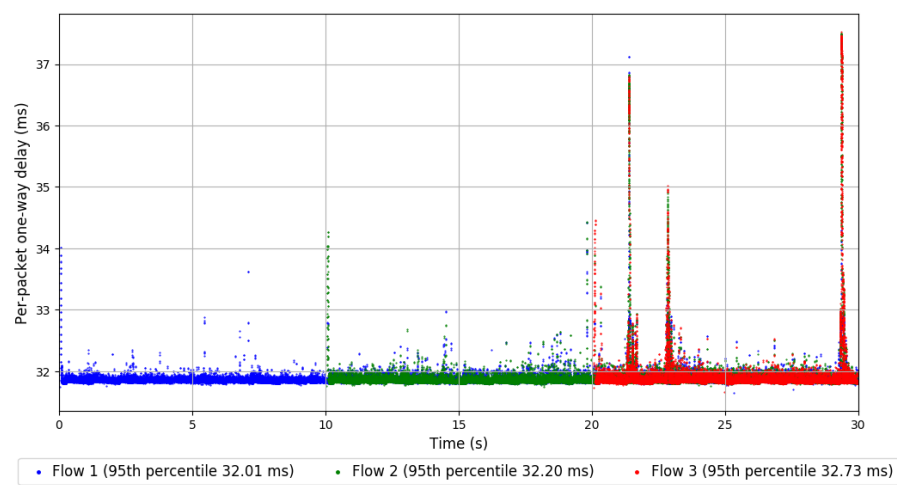
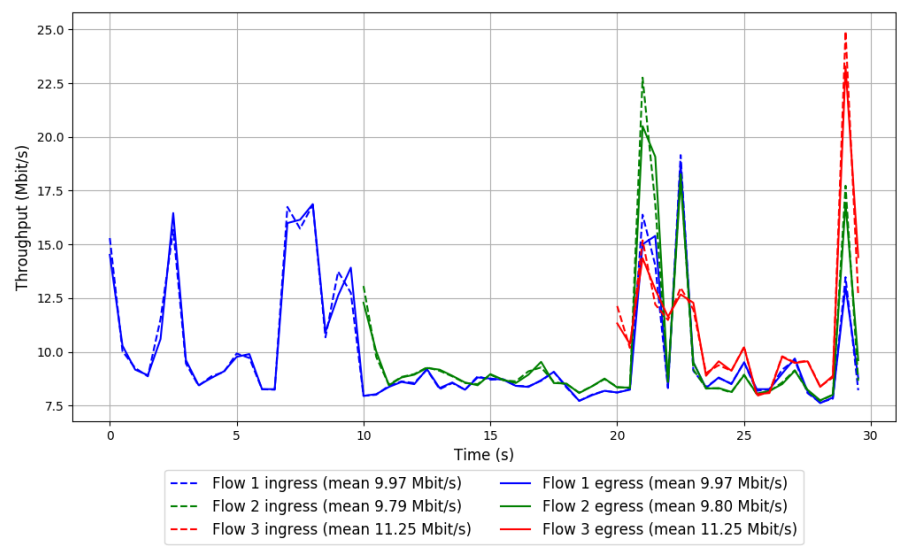


Run 1: Statistics of Copa

Start at: 2018-02-20 10:05:46
End at: 2018-02-20 10:06:16
Local clock offset: -0.803 ms
Remote clock offset: -12.263 ms

Below is generated by plot.py at 2018-02-20 17:24:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 32.124 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 9.97 Mbit/s
95th percentile per-packet one-way delay: 32.012 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 9.80 Mbit/s
95th percentile per-packet one-way delay: 32.200 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 11.25 Mbit/s
95th percentile per-packet one-way delay: 32.728 ms
Loss rate: 0.17%

Run 1: Report of Copa — Data Link

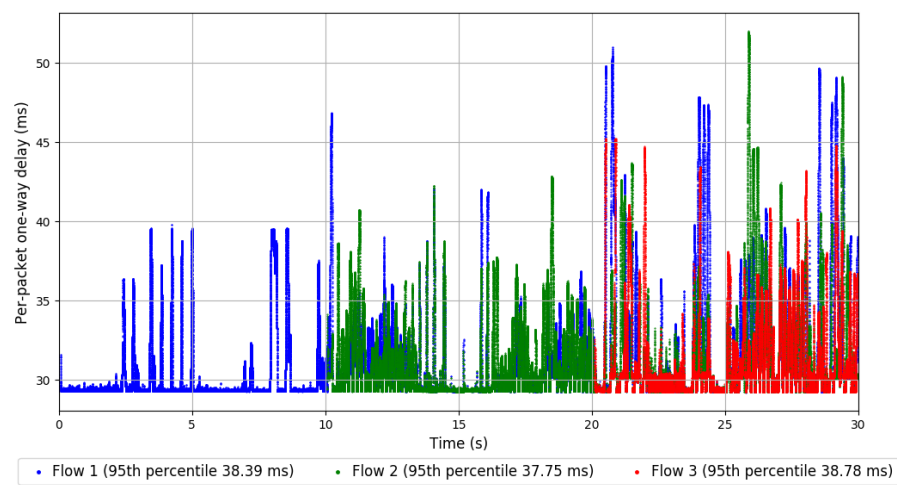
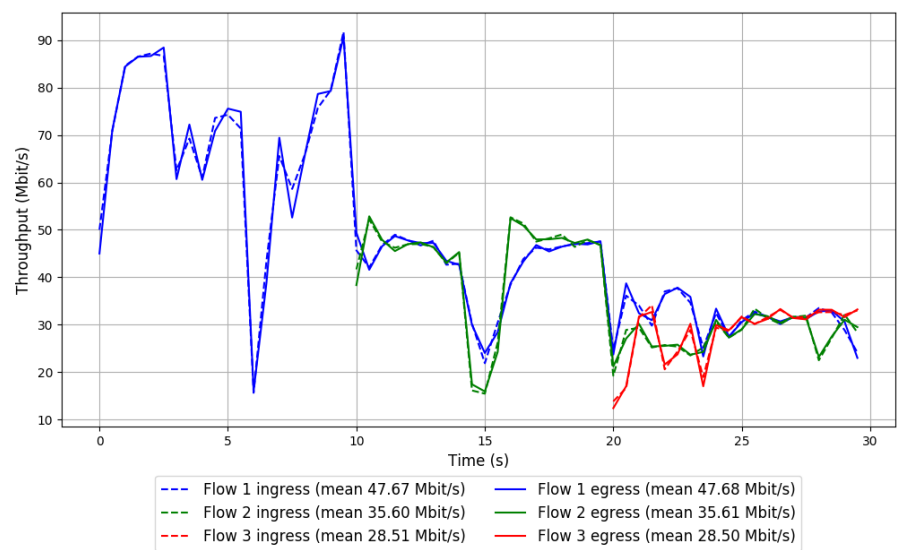


Run 2: Statistics of Copa

Start at: 2018-02-20 10:27:20
End at: 2018-02-20 10:27:50
Local clock offset: -0.971 ms
Remote clock offset: -16.63 ms

Below is generated by plot.py at 2018-02-20 17:25:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 38.196 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 47.68 Mbit/s
95th percentile per-packet one-way delay: 38.389 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.61 Mbit/s
95th percentile per-packet one-way delay: 37.748 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 28.50 Mbit/s
95th percentile per-packet one-way delay: 38.778 ms
Loss rate: 0.34%

Run 2: Report of Copa — Data Link

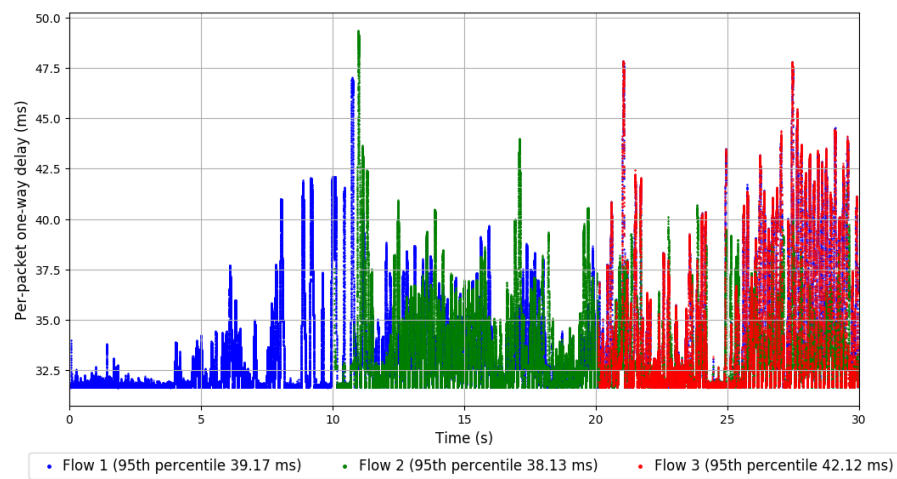
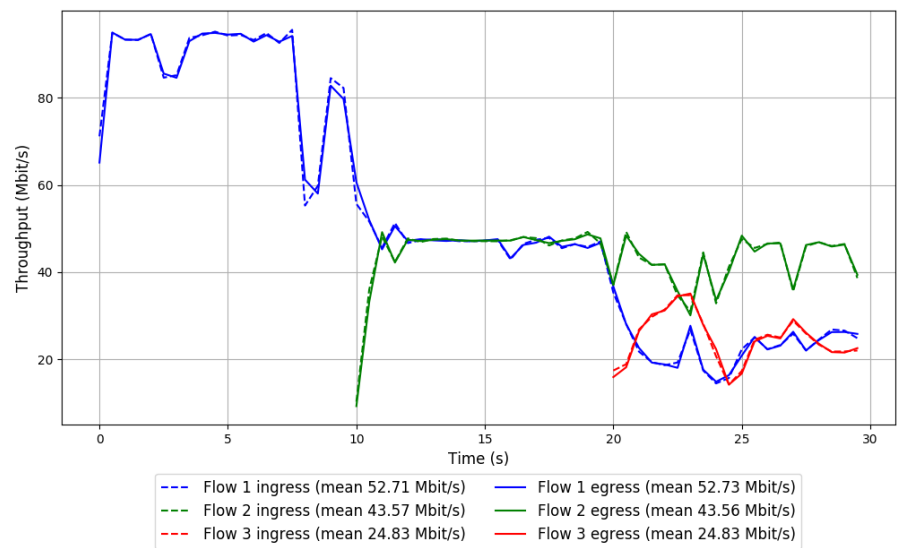


Run 3: Statistics of Copa

Start at: 2018-02-20 10:49:11
End at: 2018-02-20 10:49:41
Local clock offset: 1.276 ms
Remote clock offset: -18.678 ms

Below is generated by plot.py at 2018-02-20 17:25:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 39.394 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 52.73 Mbit/s
95th percentile per-packet one-way delay: 39.171 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 43.56 Mbit/s
95th percentile per-packet one-way delay: 38.126 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.83 Mbit/s
95th percentile per-packet one-way delay: 42.118 ms
Loss rate: 0.25%

Run 3: Report of Copa — Data Link

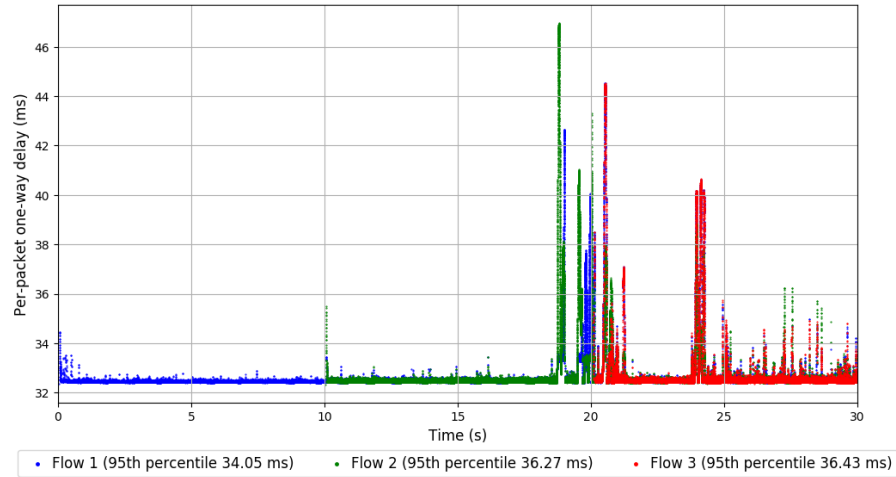
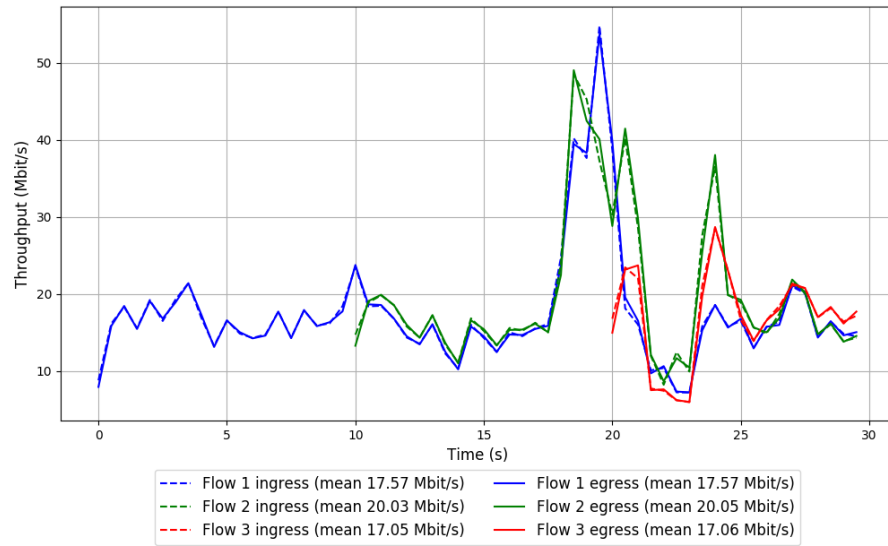


Run 4: Statistics of Copa

Start at: 2018-02-20 11:12:42
End at: 2018-02-20 11:13:12
Local clock offset: 0.552 ms
Remote clock offset: -20.475 ms

Below is generated by plot.py at 2018-02-20 17:25:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.56 Mbit/s
95th percentile per-packet one-way delay: 35.446 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 17.57 Mbit/s
95th percentile per-packet one-way delay: 34.055 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 36.270 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 17.06 Mbit/s
95th percentile per-packet one-way delay: 36.428 ms
Loss rate: 0.22%

Run 4: Report of Copa — Data Link

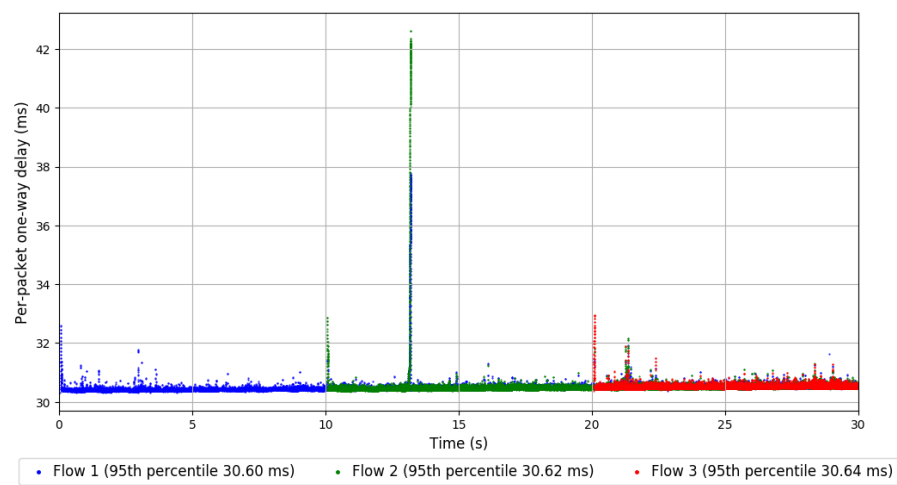
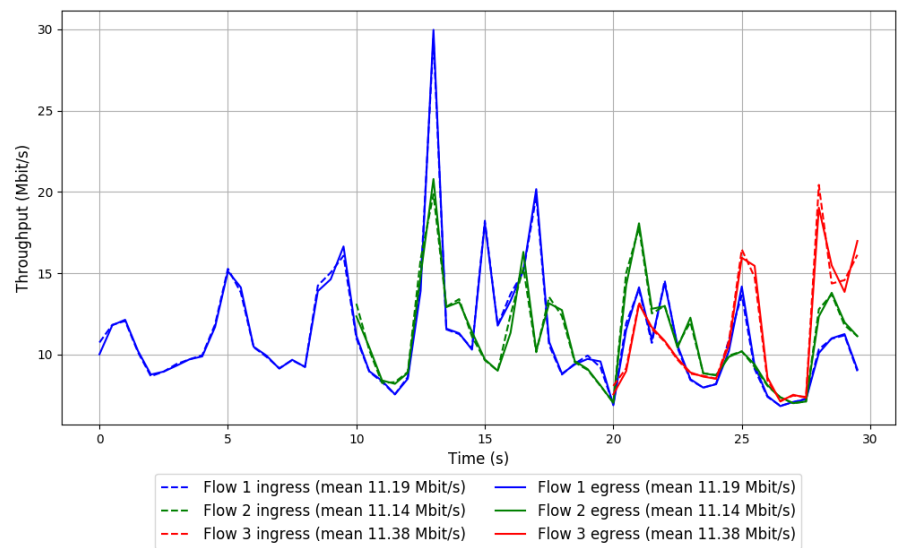


Run 5: Statistics of Copa

Start at: 2018-02-20 11:34:18
End at: 2018-02-20 11:34:48
Local clock offset: -0.789 ms
Remote clock offset: -17.211 ms

Below is generated by plot.py at 2018-02-20 17:25:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: 30.621 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 30.603 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 30.624 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 30.645 ms
Loss rate: 0.29%

Run 5: Report of Copa — Data Link

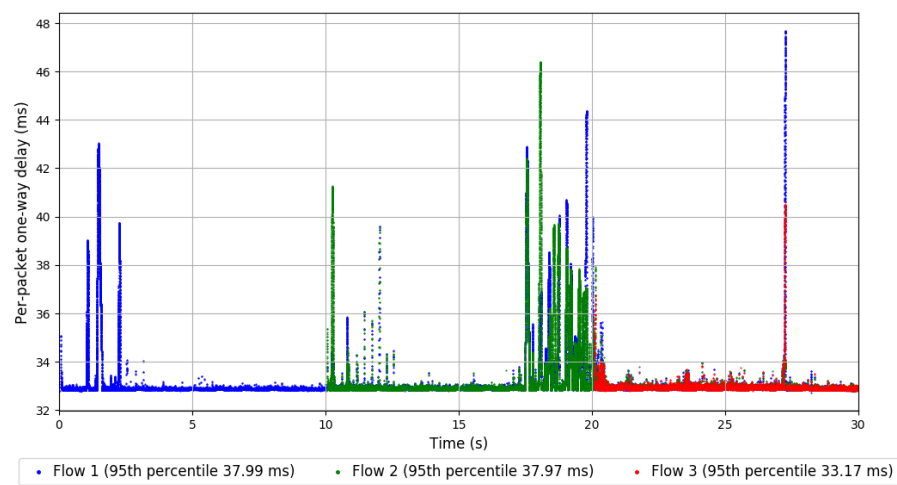
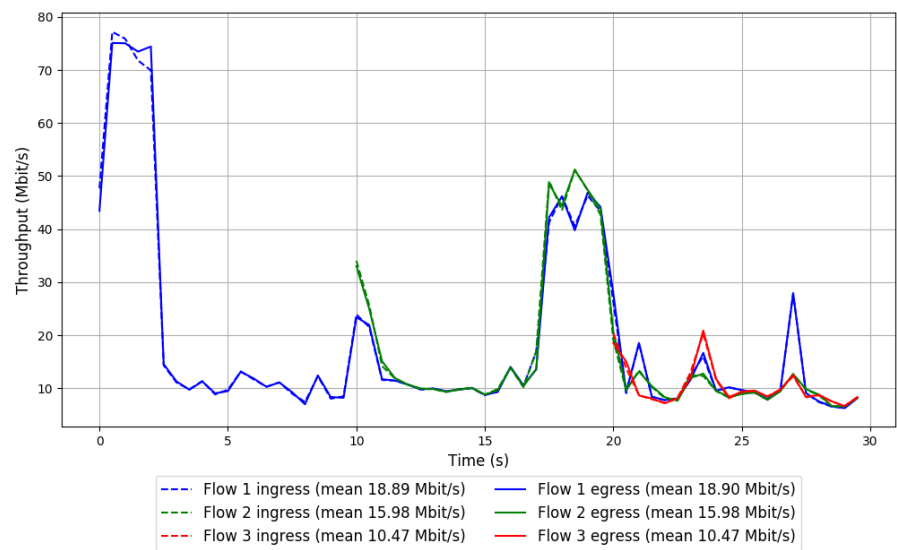


Run 6: Statistics of Copa

Start at: 2018-02-20 11:55:47
End at: 2018-02-20 11:56:17
Local clock offset: -0.872 ms
Remote clock offset: -17.487 ms

Below is generated by plot.py at 2018-02-20 17:25:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 37.709 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 18.90 Mbit/s
95th percentile per-packet one-way delay: 37.987 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 37.970 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 10.47 Mbit/s
95th percentile per-packet one-way delay: 33.166 ms
Loss rate: 0.24%

Run 6: Report of Copa — Data Link

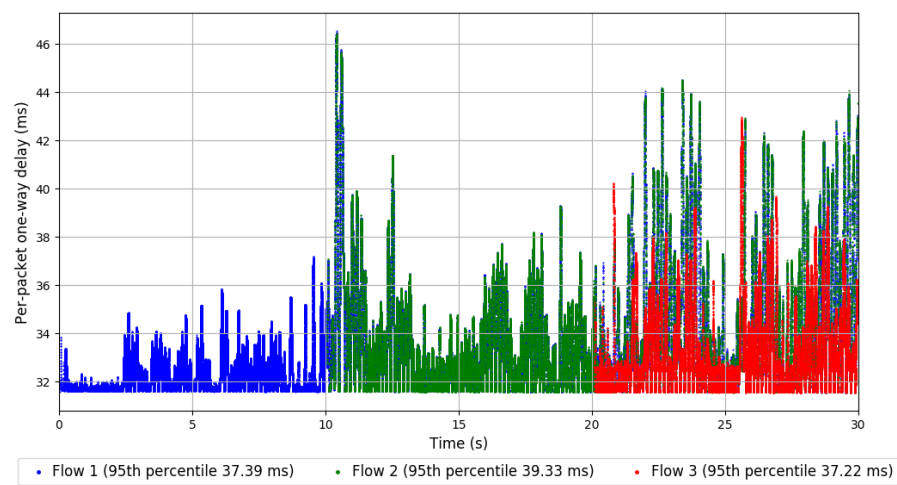
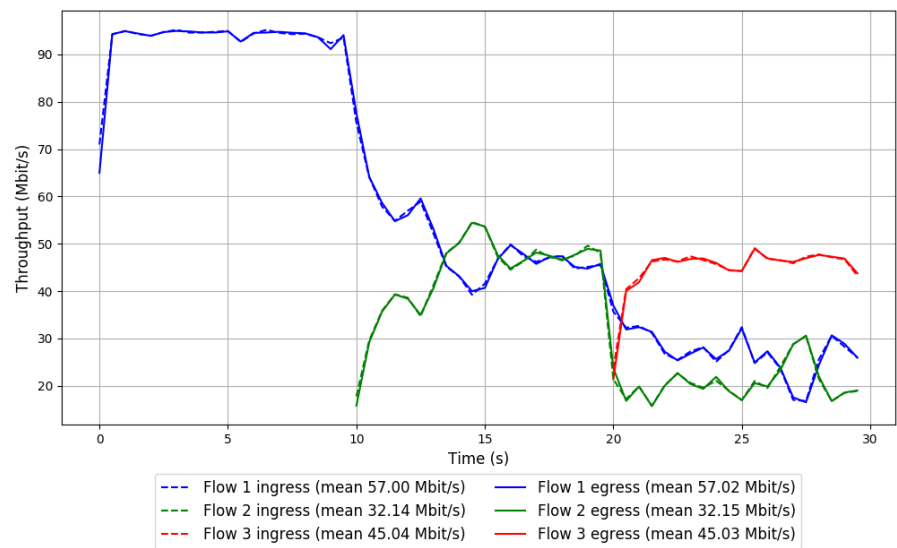


Run 7: Statistics of Copa

Start at: 2018-02-20 12:17:53
End at: 2018-02-20 12:18:23
Local clock offset: 0.464 ms
Remote clock offset: -22.079 ms

Below is generated by plot.py at 2018-02-20 17:26:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 37.870 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 57.02 Mbit/s
95th percentile per-packet one-way delay: 37.392 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 39.332 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 45.03 Mbit/s
95th percentile per-packet one-way delay: 37.220 ms
Loss rate: 0.28%

Run 7: Report of Copa — Data Link

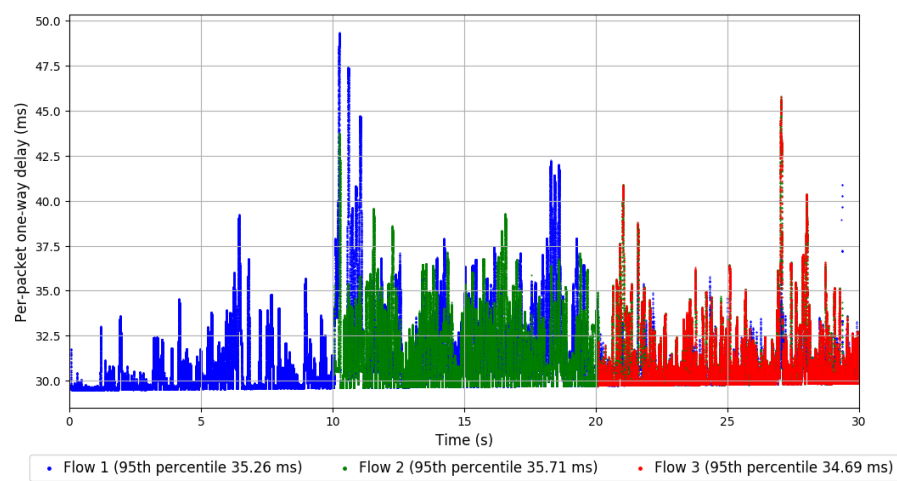
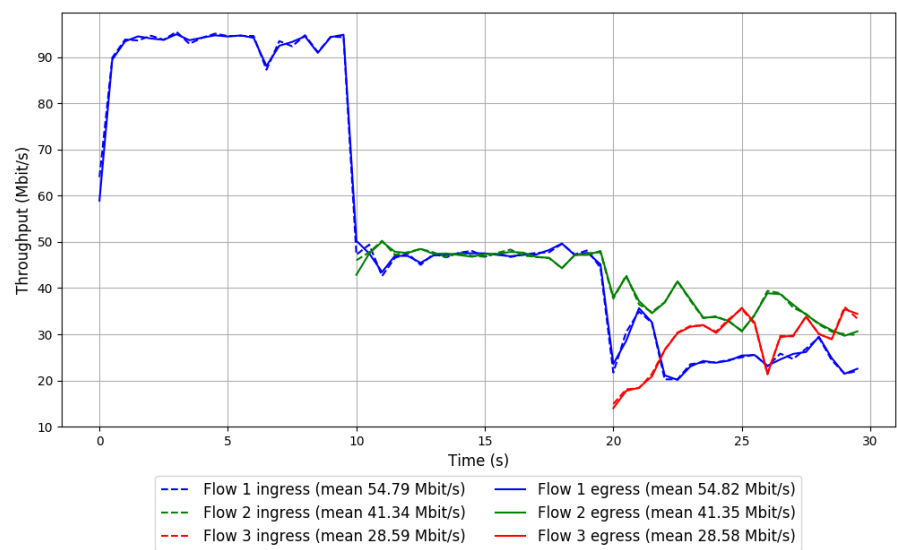


Run 8: Statistics of Copa

Start at: 2018-02-20 12:40:01
End at: 2018-02-20 12:40:31
Local clock offset: 0.596 ms
Remote clock offset: -19.916 ms

Below is generated by plot.py at 2018-02-20 17:26:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 35.355 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 54.82 Mbit/s
95th percentile per-packet one-way delay: 35.262 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 41.35 Mbit/s
95th percentile per-packet one-way delay: 35.710 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 28.58 Mbit/s
95th percentile per-packet one-way delay: 34.685 ms
Loss rate: 0.26%

Run 8: Report of Copa — Data Link

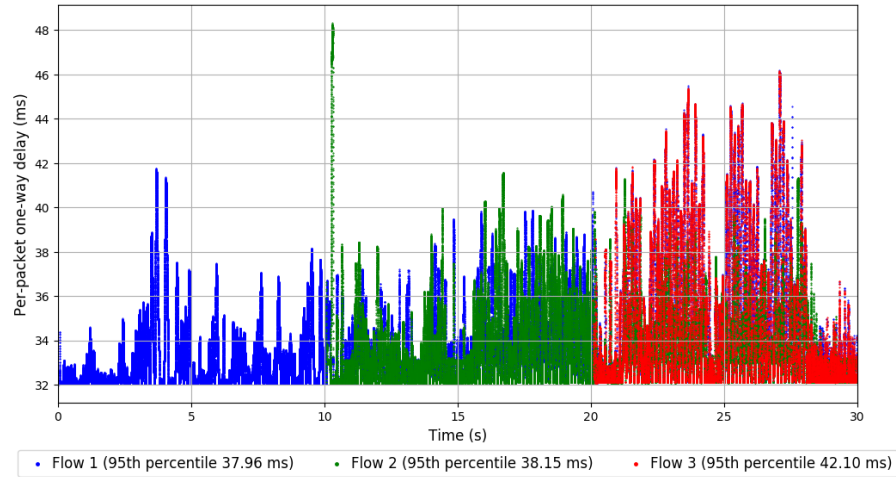
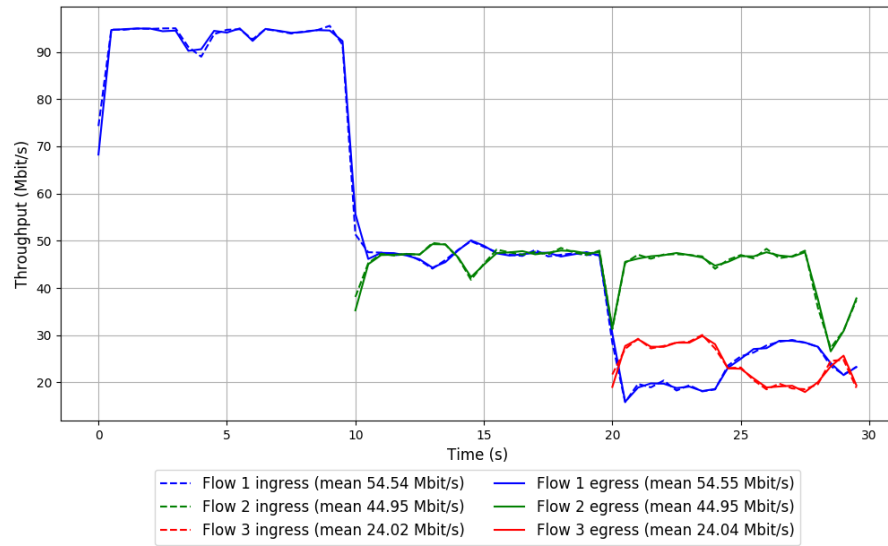


Run 9: Statistics of Copa

Start at: 2018-02-20 13:01:54
End at: 2018-02-20 13:02:24
Local clock offset: -6.018 ms
Remote clock offset: -21.968 ms

Below is generated by plot.py at 2018-02-20 17:26:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 38.634 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 54.55 Mbit/s
95th percentile per-packet one-way delay: 37.960 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 44.95 Mbit/s
95th percentile per-packet one-way delay: 38.148 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 42.096 ms
Loss rate: 0.20%

Run 9: Report of Copa — Data Link

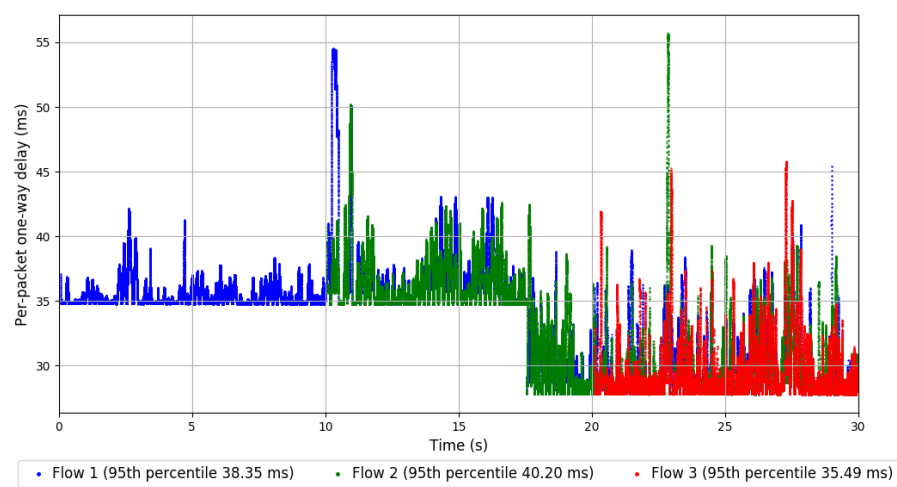
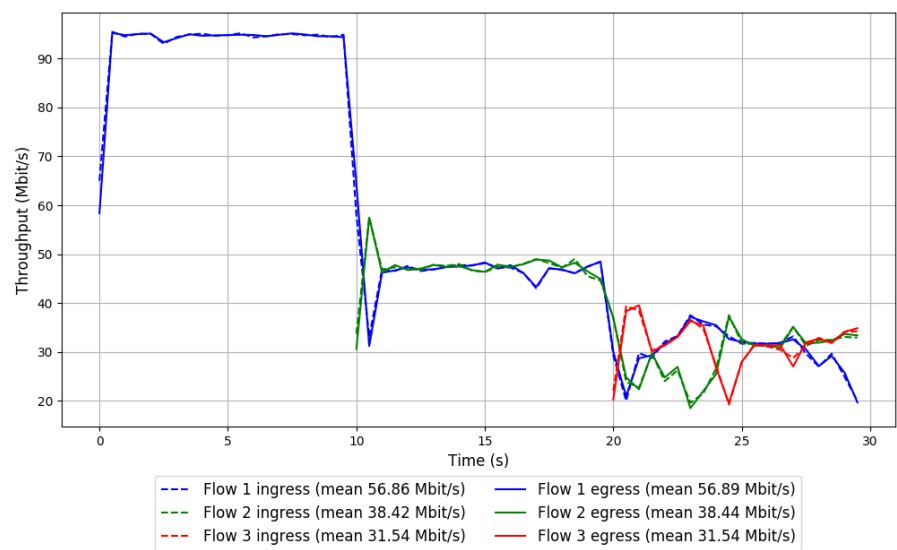


Run 10: Statistics of Copa

Start at: 2018-02-20 13:23:44
End at: 2018-02-20 13:24:14
Local clock offset: -1.181 ms
Remote clock offset: -17.757 ms

Below is generated by plot.py at 2018-02-20 17:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 38.907 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.89 Mbit/s
95th percentile per-packet one-way delay: 38.350 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 38.44 Mbit/s
95th percentile per-packet one-way delay: 40.197 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 31.54 Mbit/s
95th percentile per-packet one-way delay: 35.494 ms
Loss rate: 0.23%

Run 10: Report of Copa — Data Link

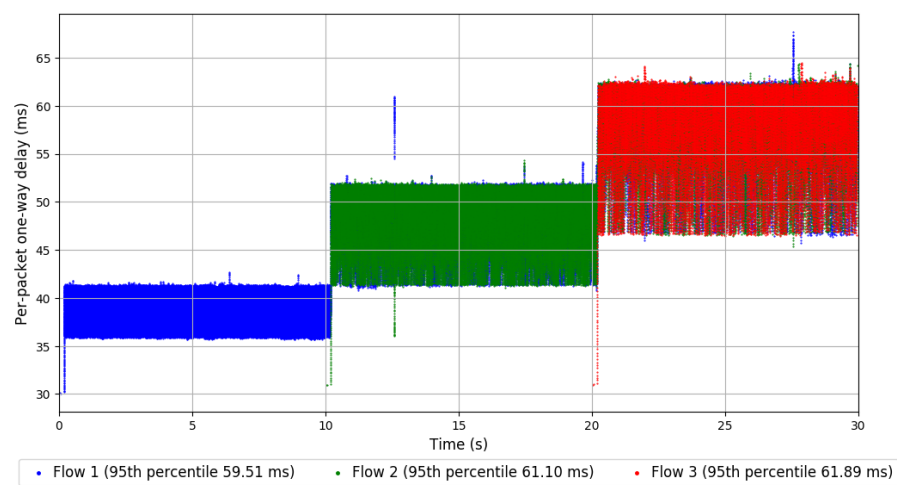
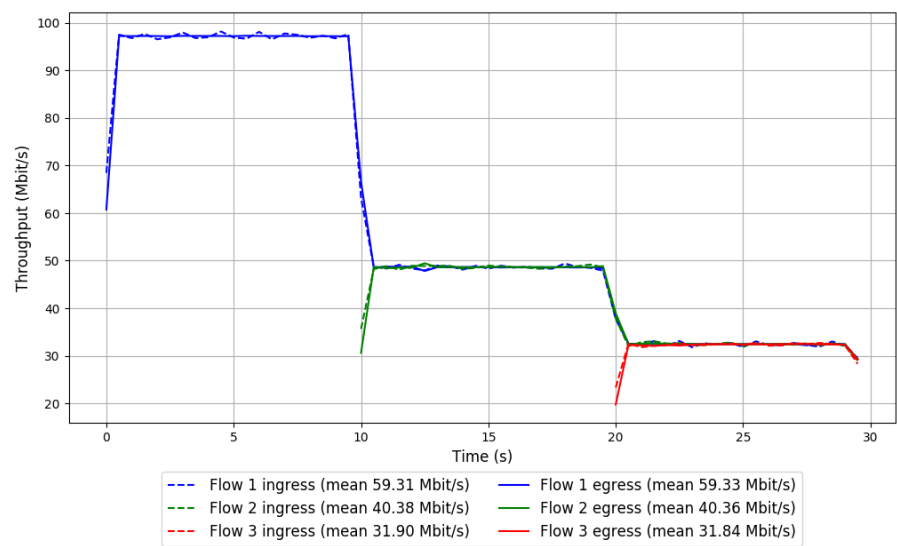


Run 1: Statistics of FillP

Start at: 2018-02-20 10:02:11
End at: 2018-02-20 10:02:41
Local clock offset: -2.341 ms
Remote clock offset: -12.036 ms

Below is generated by plot.py at 2018-02-20 17:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 60.863 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.33 Mbit/s
95th percentile per-packet one-way delay: 59.508 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 61.096 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 61.887 ms
Loss rate: 0.47%

Run 1: Report of FillP — Data Link

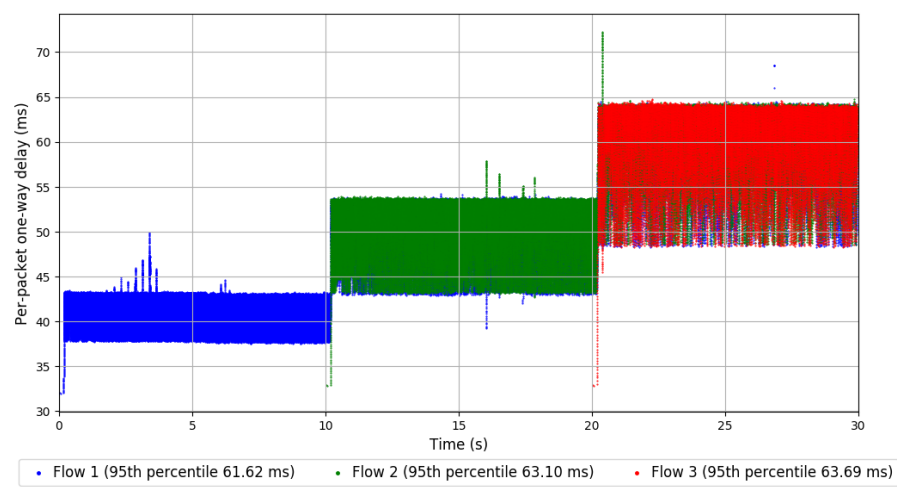
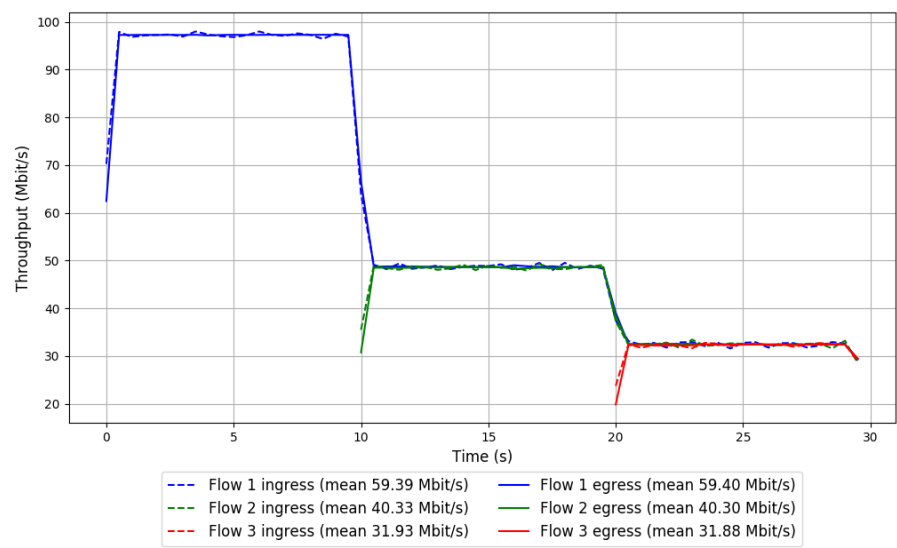


Run 2: Statistics of FillP

Start at: 2018-02-20 10:23:46
End at: 2018-02-20 10:24:16
Local clock offset: 1.666 ms
Remote clock offset: -16.065 ms

Below is generated by plot.py at 2018-02-20 17:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 62.827 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.40 Mbit/s
95th percentile per-packet one-way delay: 61.624 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.30 Mbit/s
95th percentile per-packet one-way delay: 63.098 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 63.686 ms
Loss rate: 0.55%

Run 2: Report of FillP — Data Link

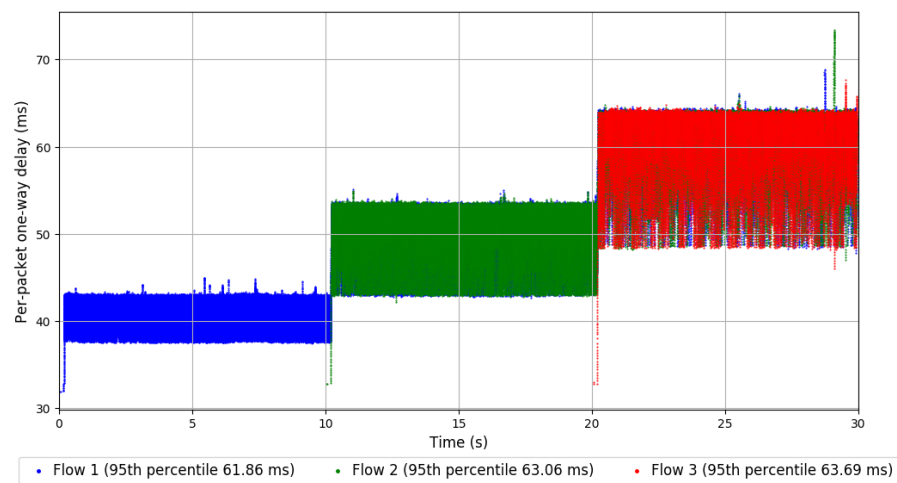
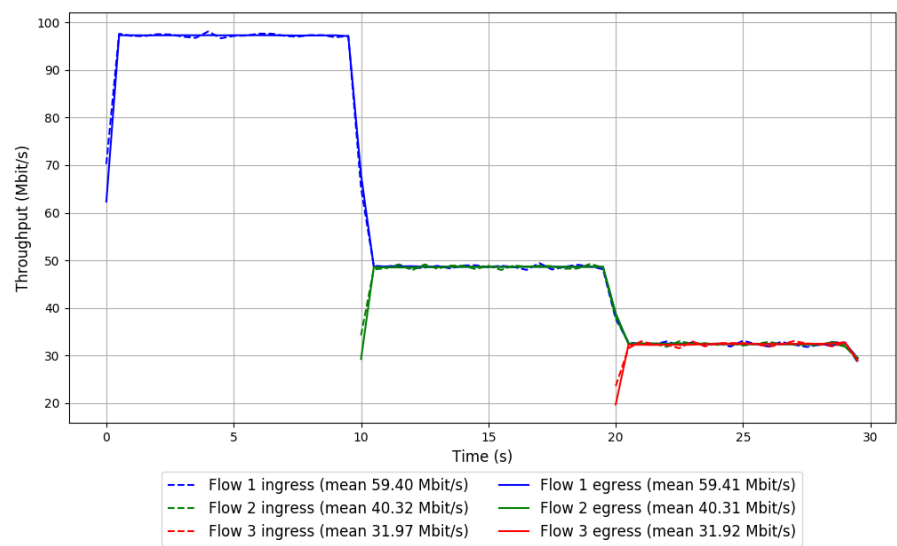


Run 3: Statistics of FillP

Start at: 2018-02-20 10:45:33
End at: 2018-02-20 10:46:03
Local clock offset: 0.339 ms
Remote clock offset: -19.744 ms

Below is generated by plot.py at 2018-02-20 17:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 62.877 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.41 Mbit/s
95th percentile per-packet one-way delay: 61.856 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 63.063 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 63.686 ms
Loss rate: 0.51%

Run 3: Report of FillP — Data Link

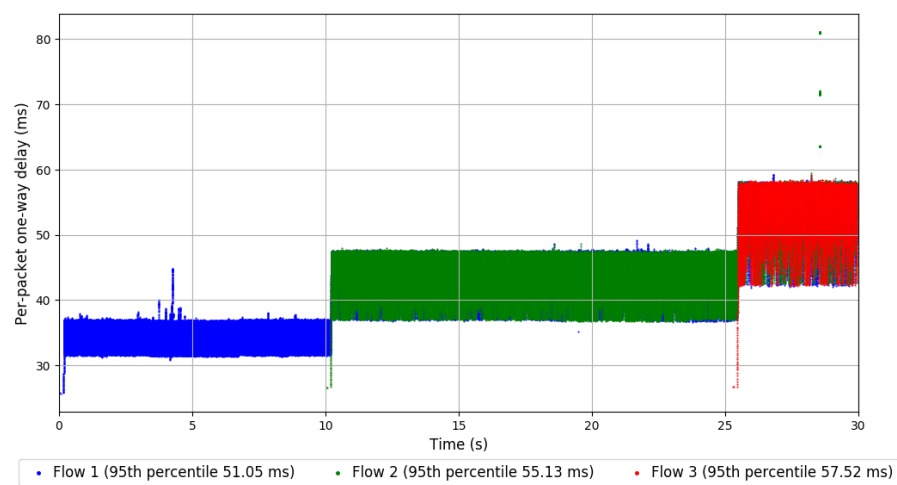
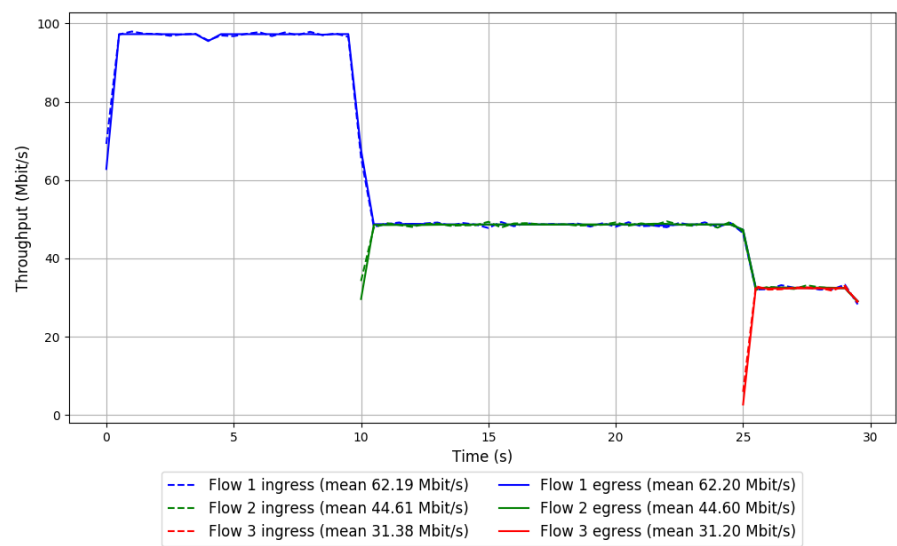


Run 4: Statistics of FillP

Start at: 2018-02-20 11:08:57
End at: 2018-02-20 11:09:27
Local clock offset: -12.271 ms
Remote clock offset: -26.618 ms

Below is generated by plot.py at 2018-02-20 17:27:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 54.800 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 62.20 Mbit/s
95th percentile per-packet one-way delay: 51.046 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 55.135 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 57.517 ms
Loss rate: 1.13%

Run 4: Report of FillP — Data Link

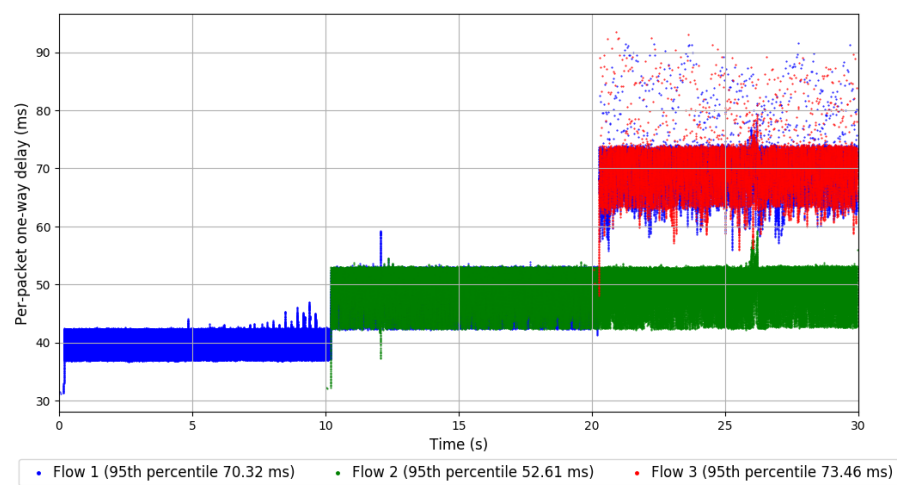
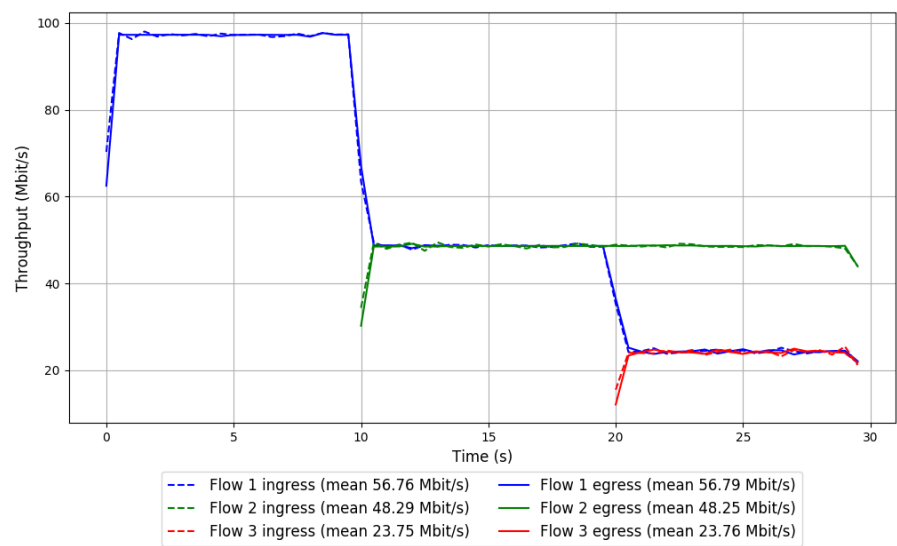


Run 5: Statistics of FillP

Start at: 2018-02-20 11:30:39
End at: 2018-02-20 11:31:09
Local clock offset: 0.679 ms
Remote clock offset: -17.699 ms

Below is generated by plot.py at 2018-02-20 17:27:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 70.911 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.79 Mbit/s
95th percentile per-packet one-way delay: 70.318 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 52.609 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 73.460 ms
Loss rate: 0.65%

Run 5: Report of FillP — Data Link

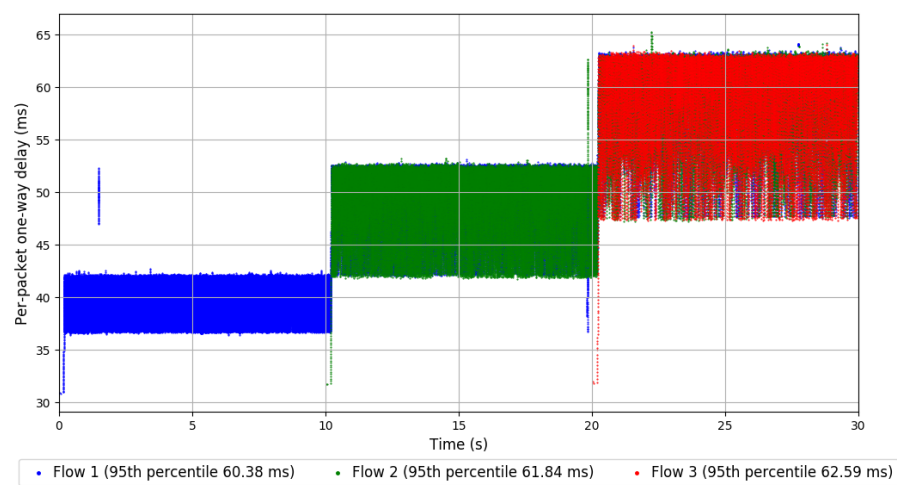
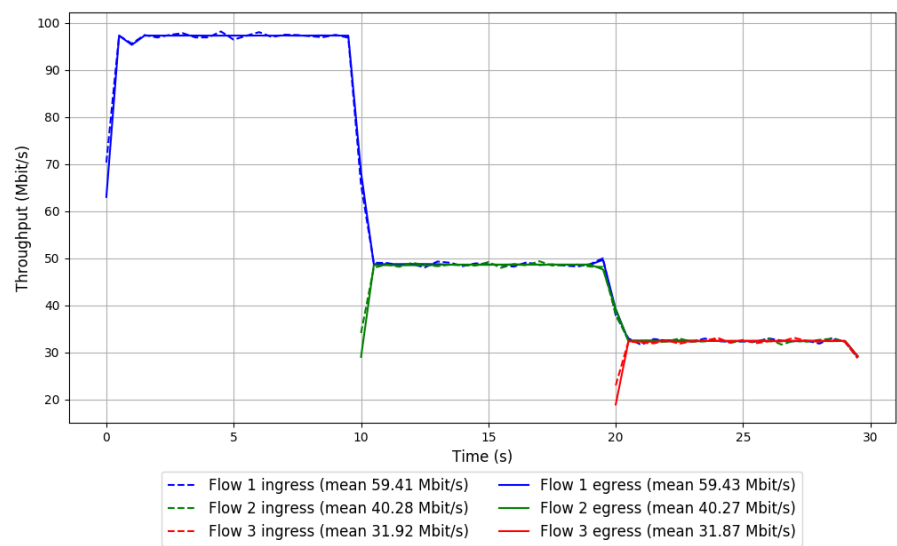


Run 6: Statistics of FillP

Start at: 2018-02-20 11:52:15
End at: 2018-02-20 11:52:45
Local clock offset: -2.645 ms
Remote clock offset: -17.526 ms

Below is generated by plot.py at 2018-02-20 17:28:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 61.652 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.43 Mbit/s
95th percentile per-packet one-way delay: 60.385 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 61.844 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 62.586 ms
Loss rate: 0.55%

Run 6: Report of FillP — Data Link

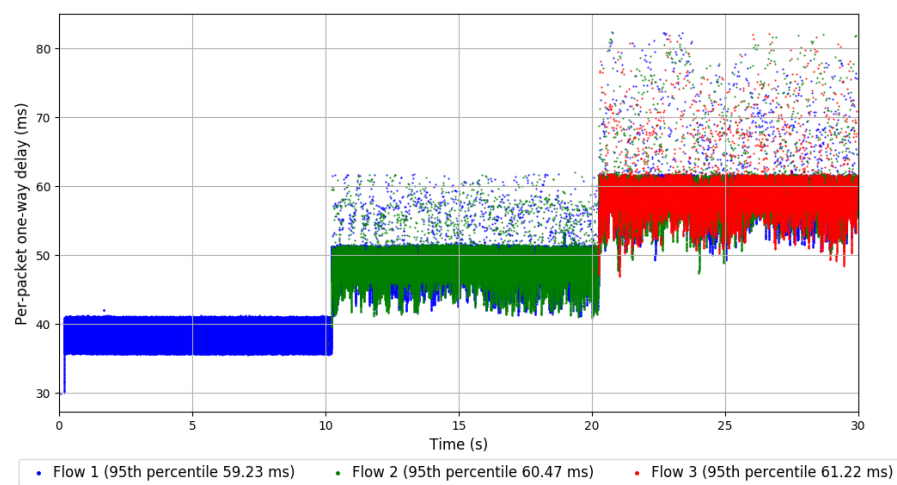
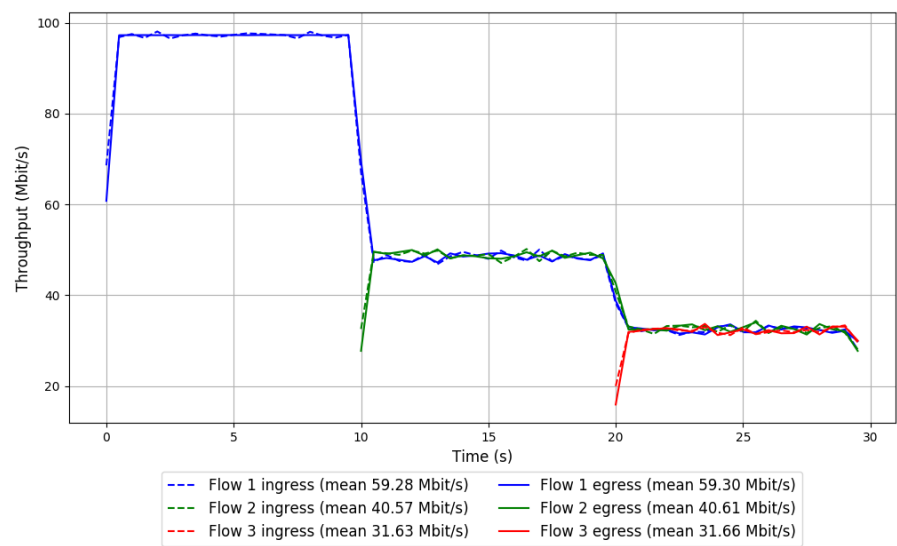


Run 7: Statistics of FillP

Start at: 2018-02-20 12:14:11
End at: 2018-02-20 12:14:41
Local clock offset: -1.234 ms
Remote clock offset: -21.472 ms

Below is generated by plot.py at 2018-02-20 17:28:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 60.254 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.30 Mbit/s
95th percentile per-packet one-way delay: 59.233 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 60.470 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 61.217 ms
Loss rate: 0.56%

Run 7: Report of FillP — Data Link

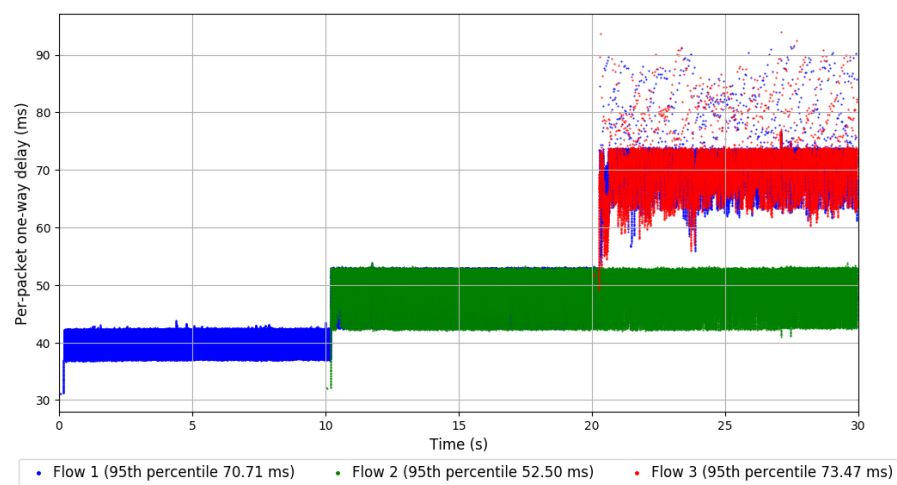
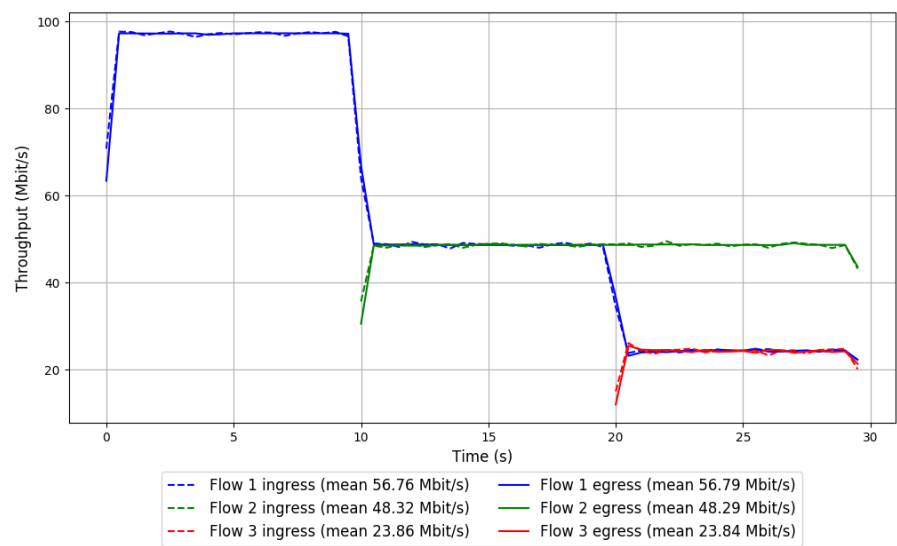


Run 8: Statistics of FillP

Start at: 2018-02-20 12:36:24
End at: 2018-02-20 12:36:54
Local clock offset: 1.048 ms
Remote clock offset: -20.894 ms

Below is generated by plot.py at 2018-02-20 17:28:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 71.217 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.79 Mbit/s
95th percentile per-packet one-way delay: 70.706 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 52.501 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 73.471 ms
Loss rate: 0.55%

Run 8: Report of FillP — Data Link

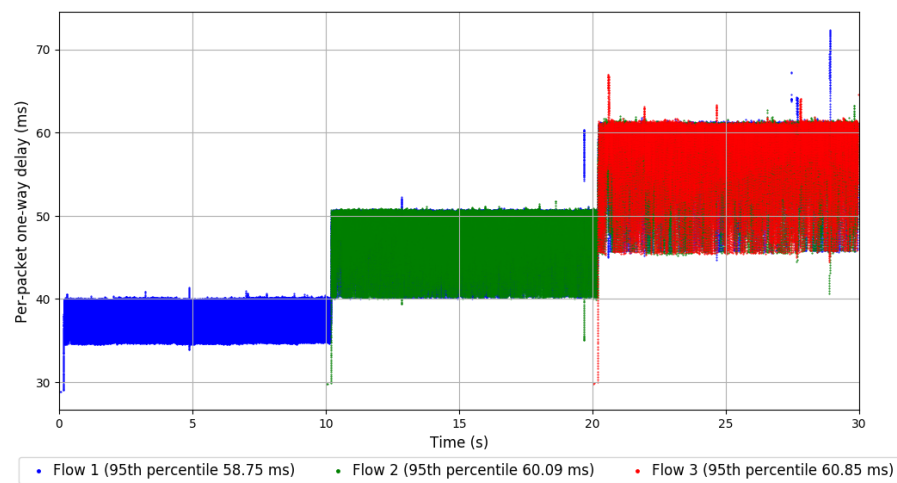
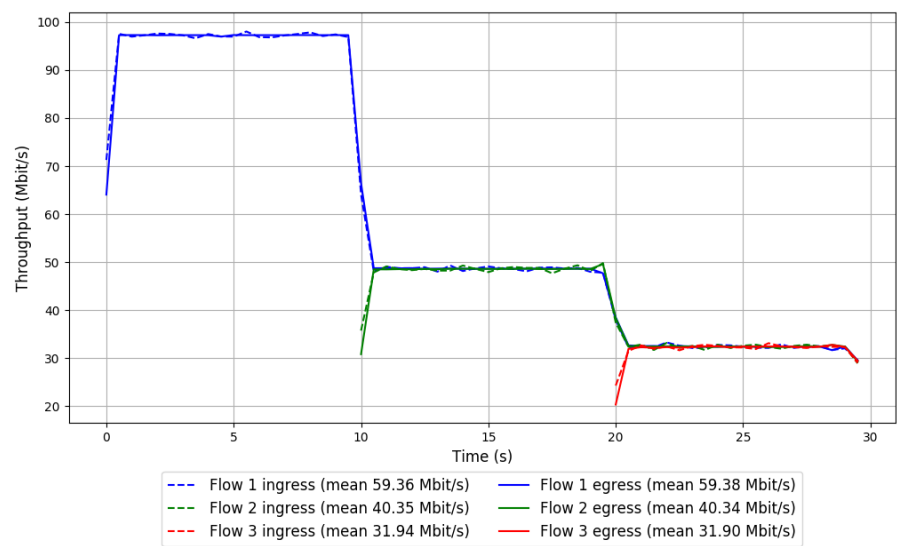


Run 9: Statistics of FillP

Start at: 2018-02-20 12:58:18
End at: 2018-02-20 12:58:48
Local clock offset: -5.007 ms
Remote clock offset: -18.443 ms

Below is generated by plot.py at 2018-02-20 17:28:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 59.940 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.38 Mbit/s
95th percentile per-packet one-way delay: 58.747 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.34 Mbit/s
95th percentile per-packet one-way delay: 60.088 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 60.852 ms
Loss rate: 0.44%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-02-20 13:20:04

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

Local clock offset: -3.492 ms

Remote clock offset: -19.626 ms

Run 10: Report of FillP — Data Link

Figure is missing

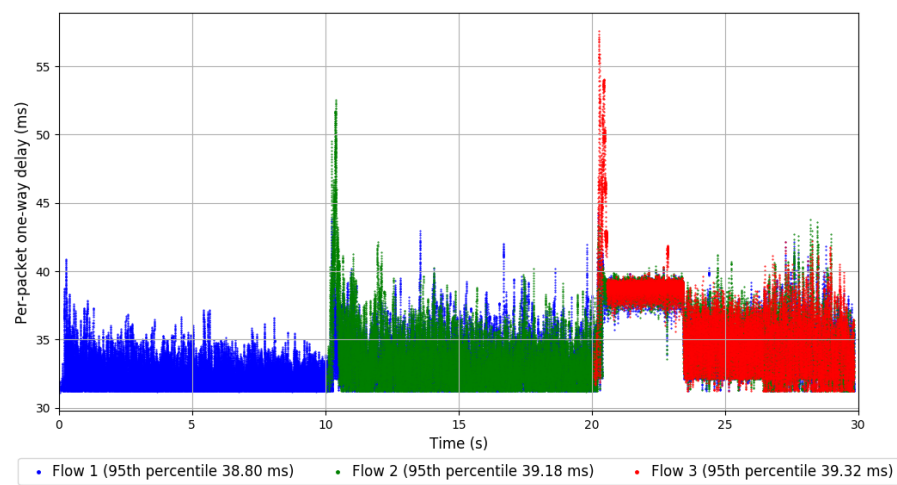
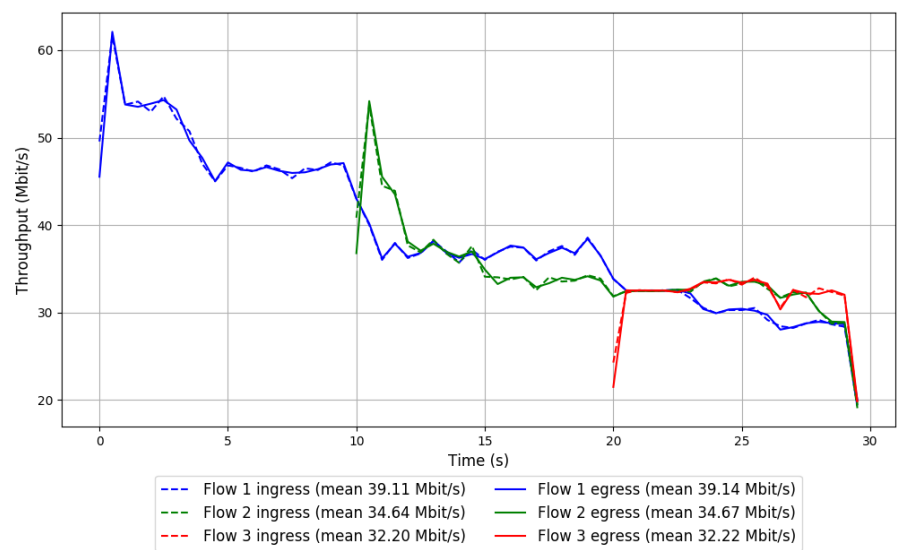
Figure is missing

Run 1: Statistics of Indigo-1-32

Start at: 2018-02-20 10:04:32
End at: 2018-02-20 10:05:02
Local clock offset: -1.913 ms
Remote clock offset: -12.762 ms

Below is generated by plot.py at 2018-02-20 17:28:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.72 Mbit/s
95th percentile per-packet one-way delay: 39.062 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 38.801 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 34.67 Mbit/s
95th percentile per-packet one-way delay: 39.178 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 39.317 ms
Loss rate: 0.28%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-20 10:26:06

End at: 2018-02-20 10:26:36

Local clock offset: 0.279 ms

Remote clock offset: -15.735 ms

Below is generated by plot.py at 2018-02-20 17:28:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.37 Mbit/s

95th percentile per-packet one-way delay: 37.995 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 54.05 Mbit/s

95th percentile per-packet one-way delay: 34.548 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 40.46 Mbit/s

95th percentile per-packet one-way delay: 38.118 ms

Loss rate: 0.12%

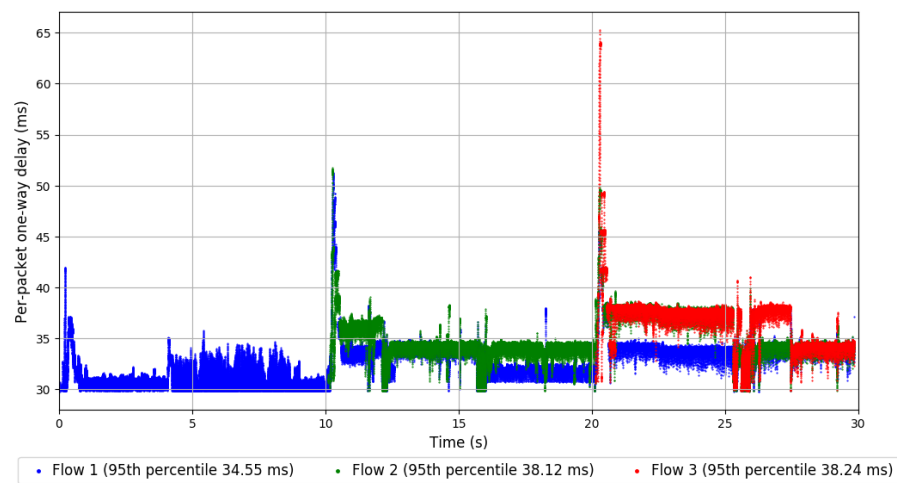
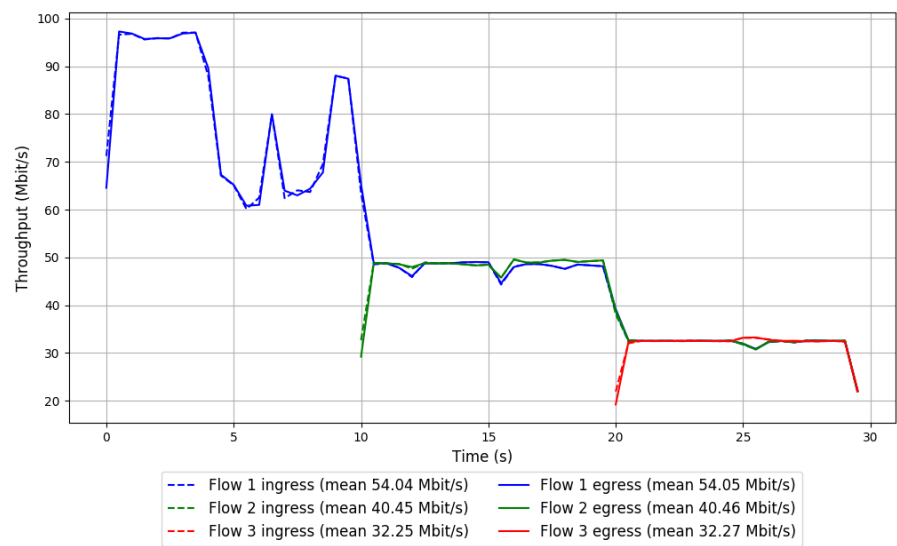
-- Flow 3:

Average throughput: 32.27 Mbit/s

95th percentile per-packet one-way delay: 38.238 ms

Loss rate: 0.30%

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

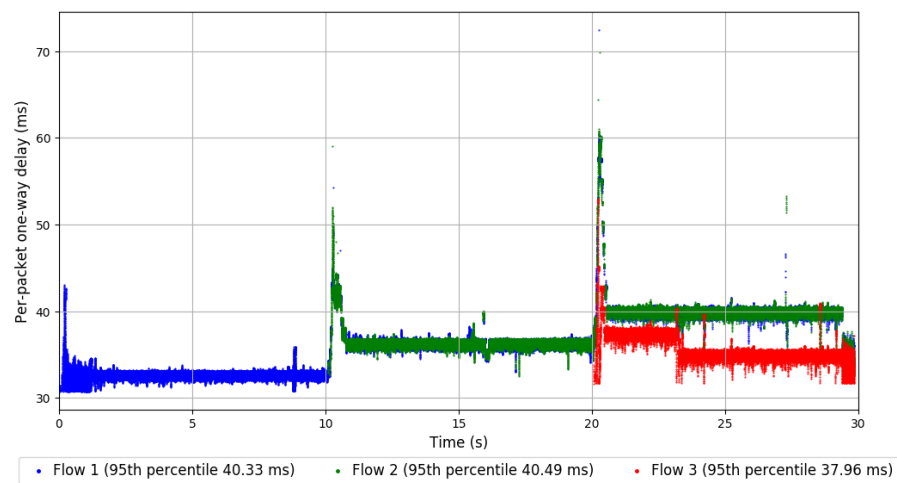
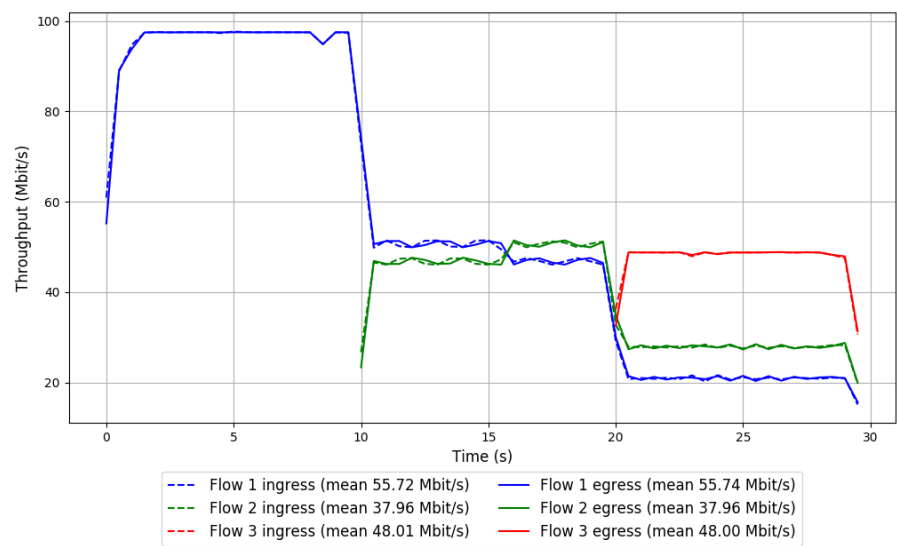


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-20 10:47:56
End at: 2018-02-20 10:48:26
Local clock offset: 0.028 ms
Remote clock offset: -19.065 ms

Below is generated by plot.py at 2018-02-20 17:28:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 40.370 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.74 Mbit/s
95th percentile per-packet one-way delay: 40.325 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 40.492 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 37.959 ms
Loss rate: 0.25%

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

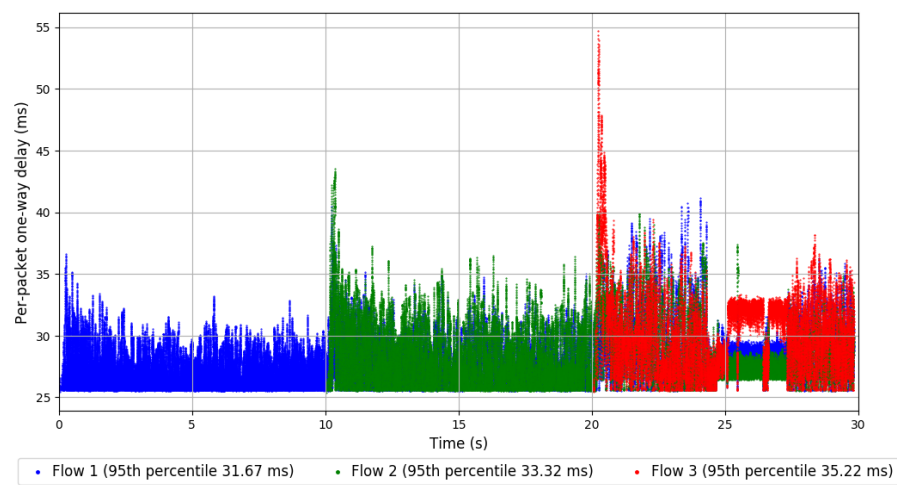
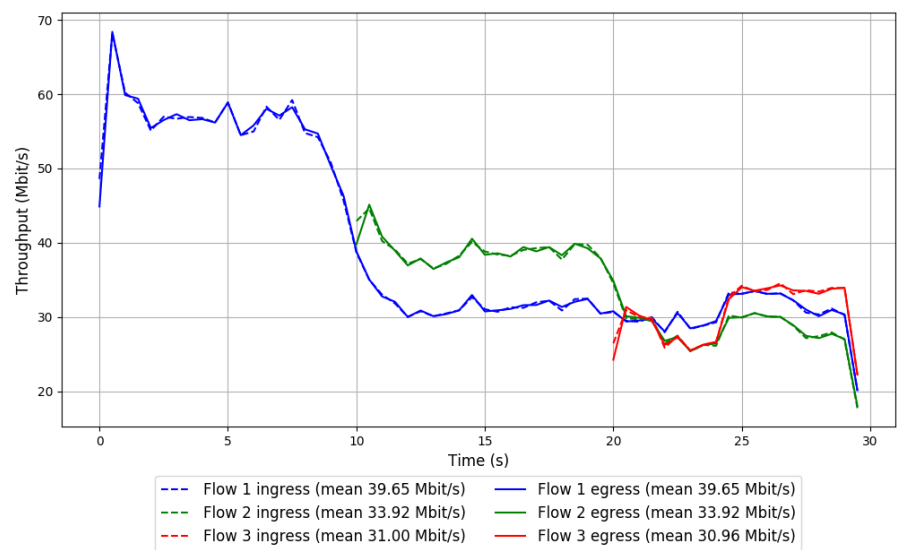


Run 4: Statistics of Indigo-1-32

Start at: 2018-02-20 11:11:29
End at: 2018-02-20 11:11:59
Local clock offset: -4.974 ms
Remote clock offset: -19.106 ms

Below is generated by plot.py at 2018-02-20 17:28:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.33 Mbit/s
95th percentile per-packet one-way delay: 32.922 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 31.672 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.92 Mbit/s
95th percentile per-packet one-way delay: 33.319 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 35.222 ms
Loss rate: 0.34%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-20 11:33:03

End at: 2018-02-20 11:33:33

Local clock offset: 0.449 ms

Remote clock offset: -18.584 ms

Below is generated by plot.py at 2018-02-20 17:29:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.83 Mbit/s

95th percentile per-packet one-way delay: 38.480 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 39.82 Mbit/s

95th percentile per-packet one-way delay: 37.372 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 31.74 Mbit/s

95th percentile per-packet one-way delay: 39.063 ms

Loss rate: 0.08%

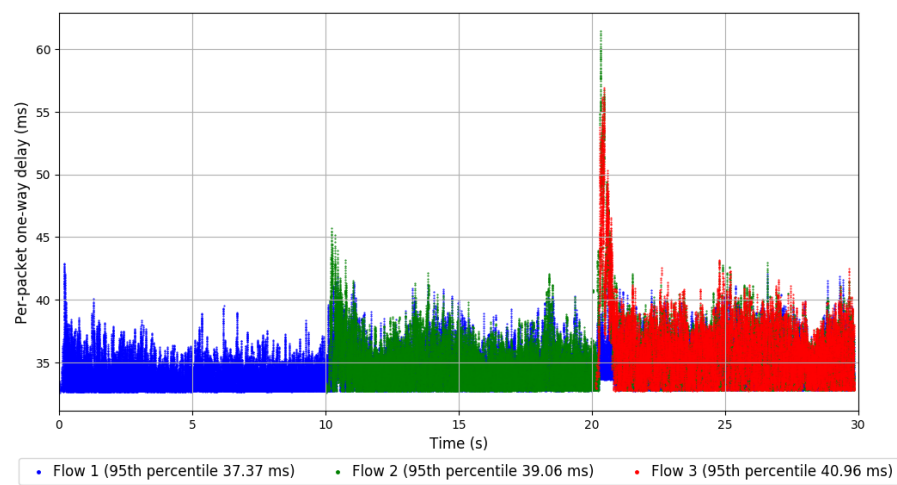
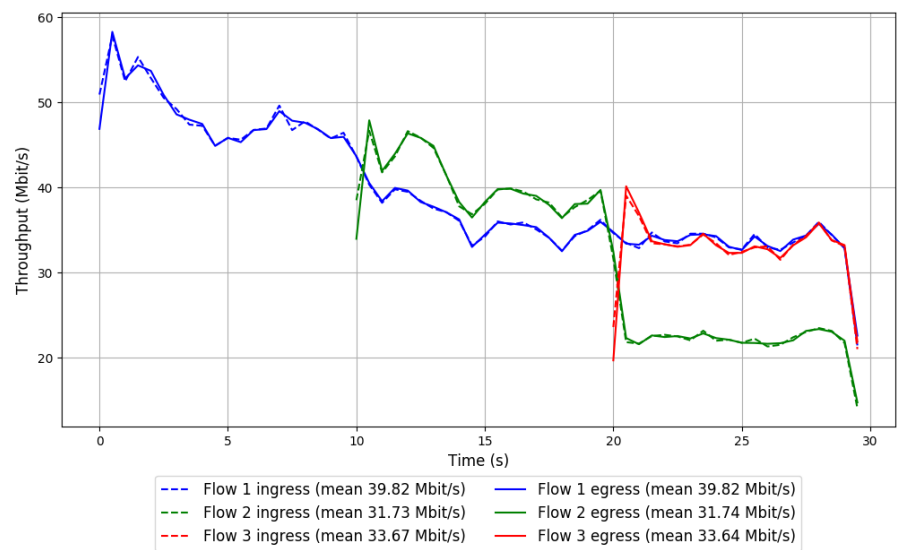
-- Flow 3:

Average throughput: 33.64 Mbit/s

95th percentile per-packet one-way delay: 40.964 ms

Loss rate: 0.23%

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

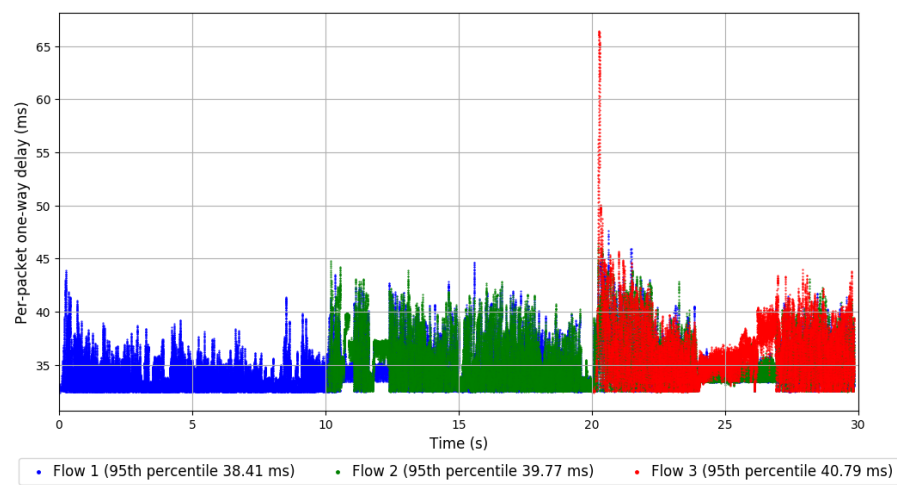
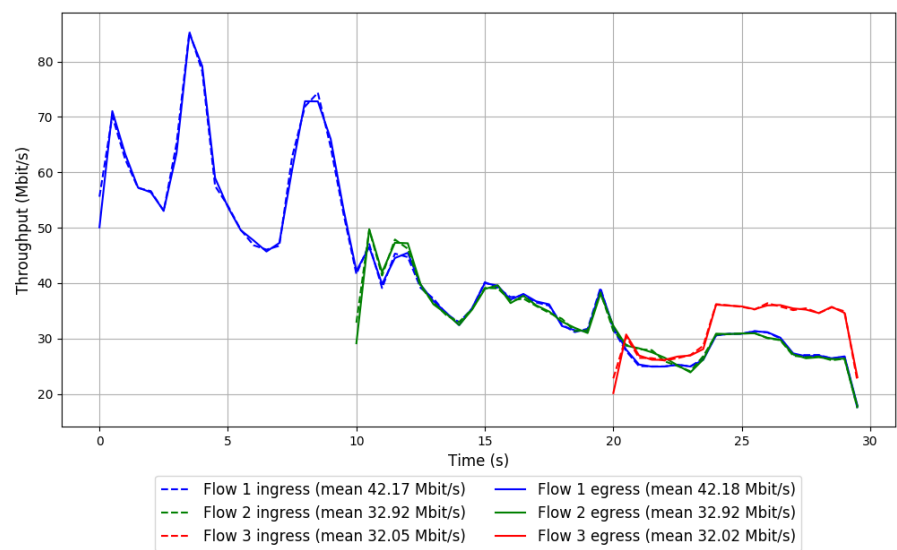


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-20 11:54:34
End at: 2018-02-20 11:55:04
Local clock offset: -1.785 ms
Remote clock offset: -18.118 ms

Below is generated by plot.py at 2018-02-20 17:29:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.53 Mbit/s
95th percentile per-packet one-way delay: 39.429 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 42.18 Mbit/s
95th percentile per-packet one-way delay: 38.406 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 32.92 Mbit/s
95th percentile per-packet one-way delay: 39.769 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 40.794 ms
Loss rate: 0.32%

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

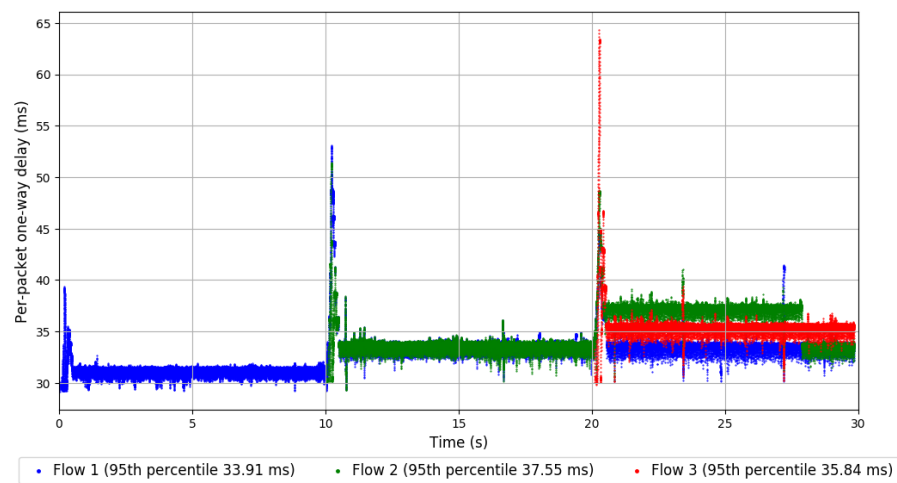
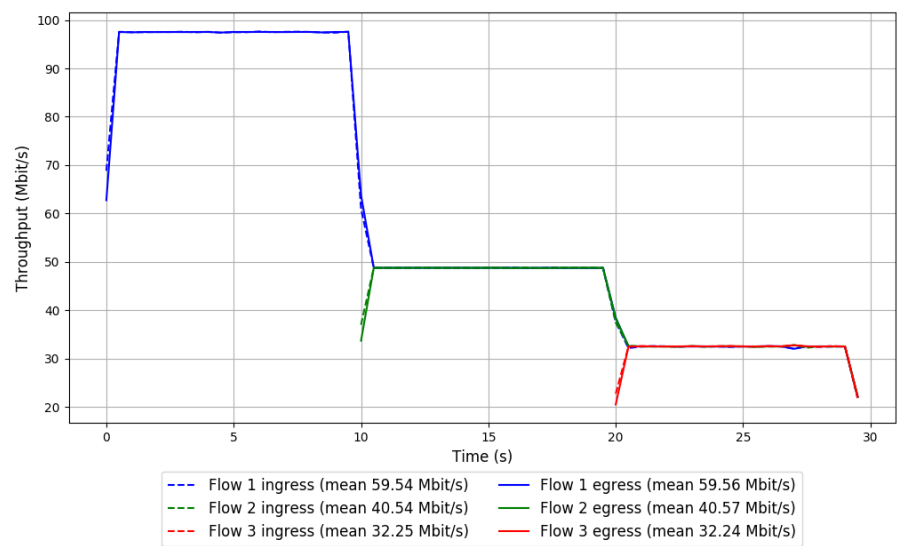


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-20 12:16:35
End at: 2018-02-20 12:17:05
Local clock offset: -0.571 ms
Remote clock offset: -20.513 ms

Below is generated by plot.py at 2018-02-20 17:29:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 37.394 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.56 Mbit/s
95th percentile per-packet one-way delay: 33.906 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 37.551 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 35.845 ms
Loss rate: 0.32%

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

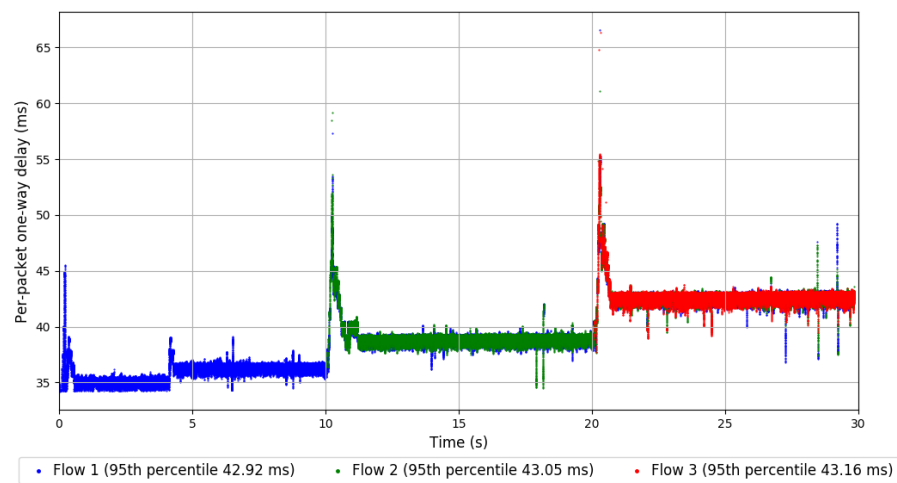
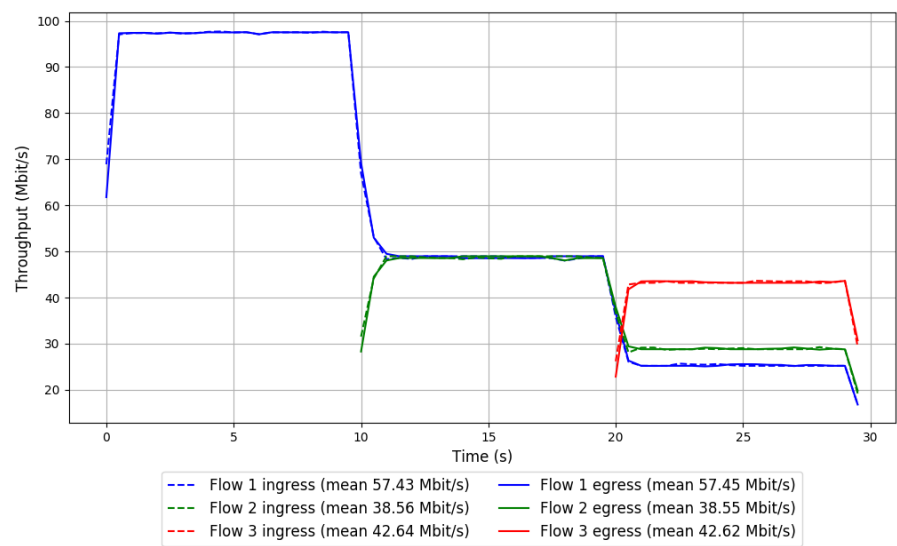


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-20 12:38:44
End at: 2018-02-20 12:39:14
Local clock offset: 2.961 ms
Remote clock offset: -20.802 ms

Below is generated by plot.py at 2018-02-20 17:29:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 43.014 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 42.925 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 38.55 Mbit/s
95th percentile per-packet one-way delay: 43.049 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 42.62 Mbit/s
95th percentile per-packet one-way delay: 43.155 ms
Loss rate: 0.34%

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

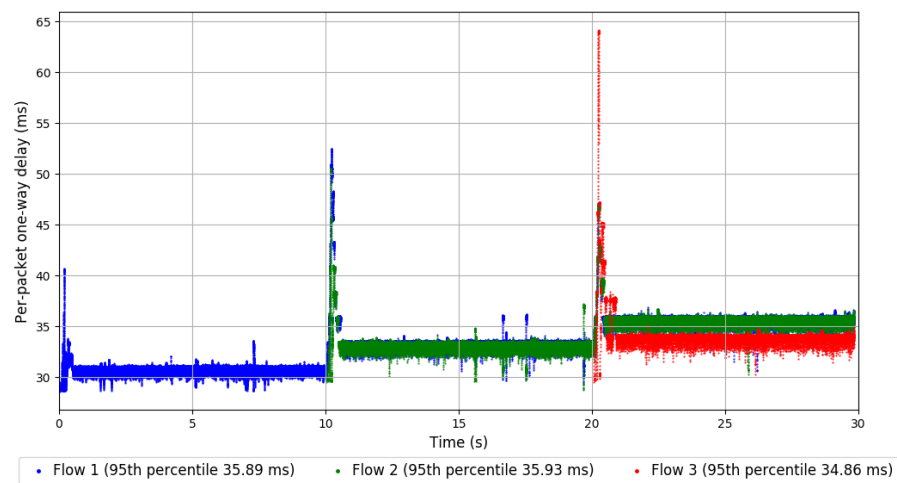
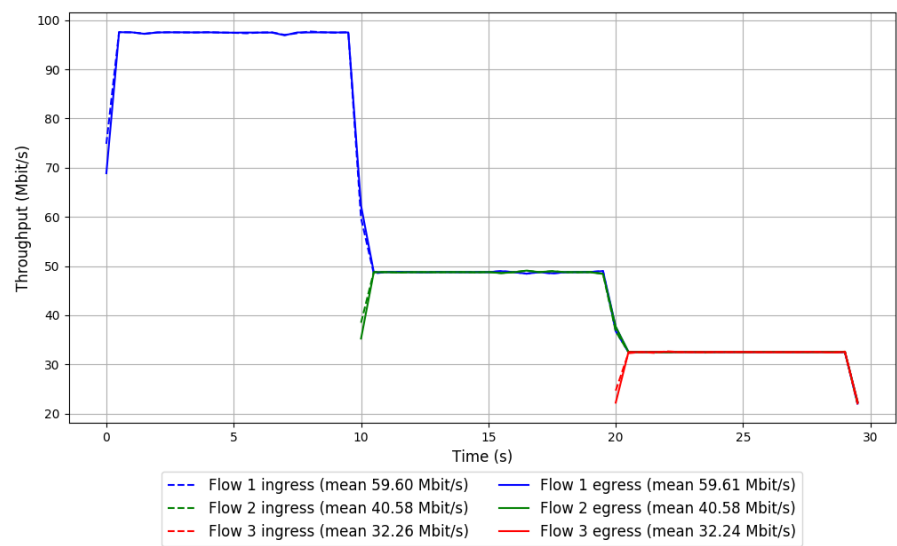


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-20 13:00:39
End at: 2018-02-20 13:01:09
Local clock offset: -6.775 ms
Remote clock offset: -19.537 ms

Below is generated by plot.py at 2018-02-20 17:29:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 35.901 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 35.886 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 35.928 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 34.863 ms
Loss rate: 0.29%

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

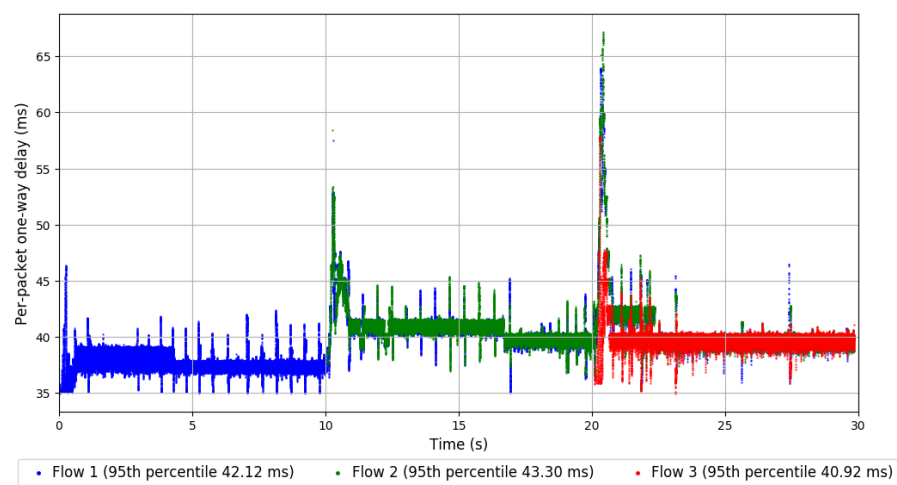
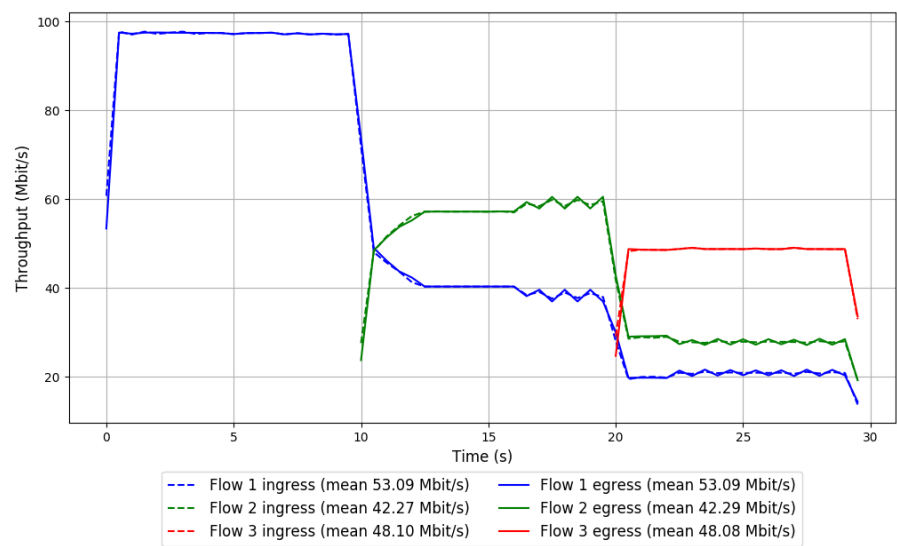


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-20 13:22:23
End at: 2018-02-20 13:22:53
Local clock offset: -1.711 ms
Remote clock offset: -18.18 ms

Below is generated by plot.py at 2018-02-20 17:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 42.494 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 42.123 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 42.29 Mbit/s
95th percentile per-packet one-way delay: 43.304 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 40.925 ms
Loss rate: 0.35%

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

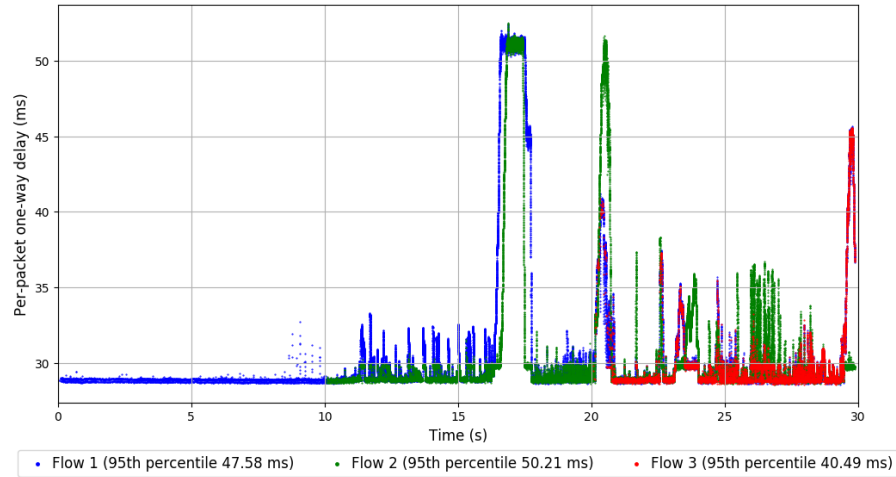
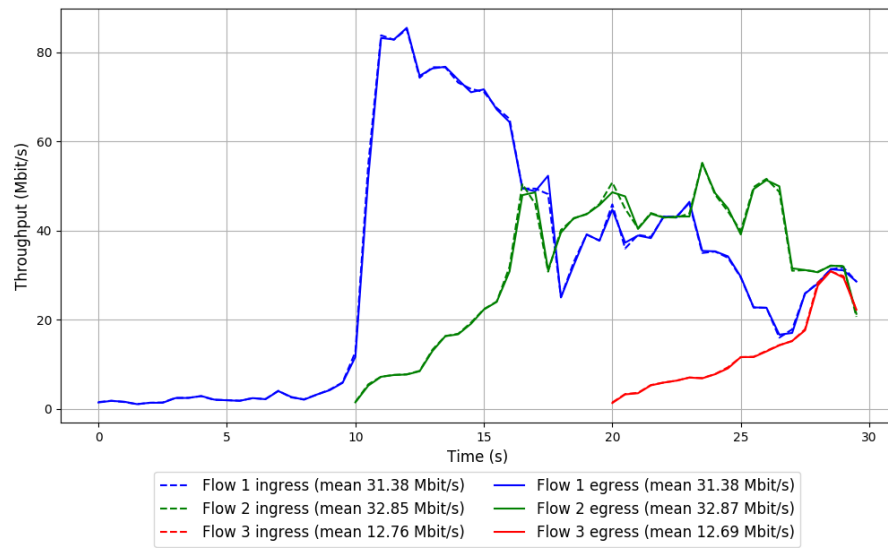


Run 1: Statistics of Vivace-latency

Start at: 2018-02-20 09:49:44
End at: 2018-02-20 09:50:14
Local clock offset: -5.664 ms
Remote clock offset: -12.694 ms

Below is generated by plot.py at 2018-02-20 17:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.40 Mbit/s
95th percentile per-packet one-way delay: 48.854 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 31.38 Mbit/s
95th percentile per-packet one-way delay: 47.582 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 32.87 Mbit/s
95th percentile per-packet one-way delay: 50.211 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 40.488 ms
Loss rate: 0.78%

Run 1: Report of Vivace-latency — Data Link

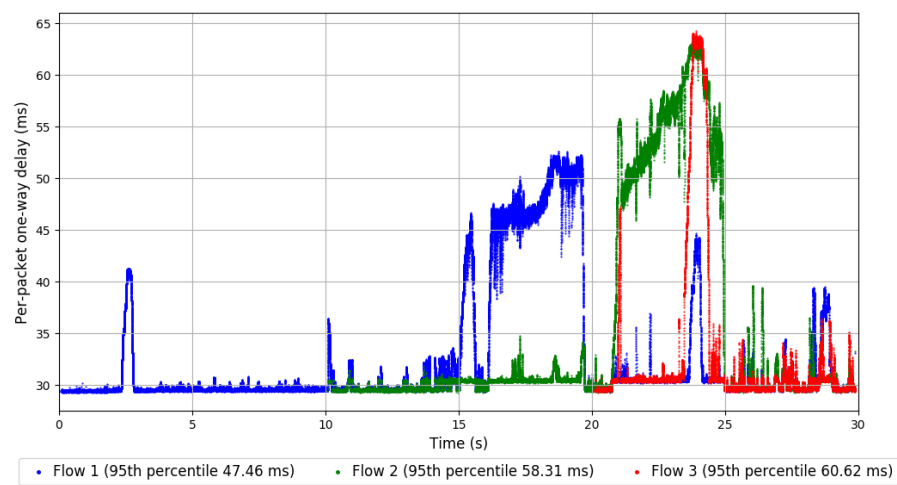
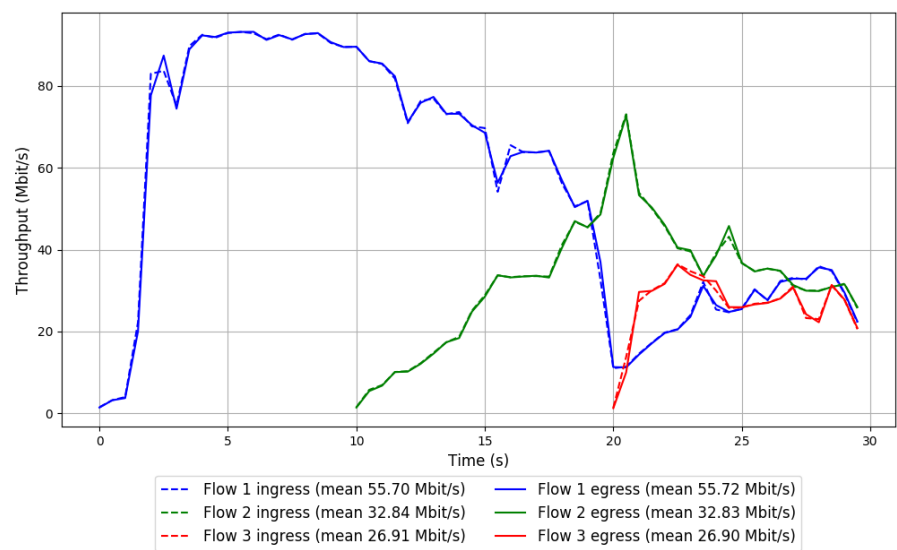


Run 2: Statistics of Vivace-latency

Start at: 2018-02-20 10:11:46
End at: 2018-02-20 10:12:16
Local clock offset: -0.952 ms
Remote clock offset: -10.023 ms

Below is generated by plot.py at 2018-02-20 17:30:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 52.528 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.72 Mbit/s
95th percentile per-packet one-way delay: 47.460 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 32.83 Mbit/s
95th percentile per-packet one-way delay: 58.306 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 26.90 Mbit/s
95th percentile per-packet one-way delay: 60.621 ms
Loss rate: 0.26%

Run 2: Report of Vivace-latency — Data Link

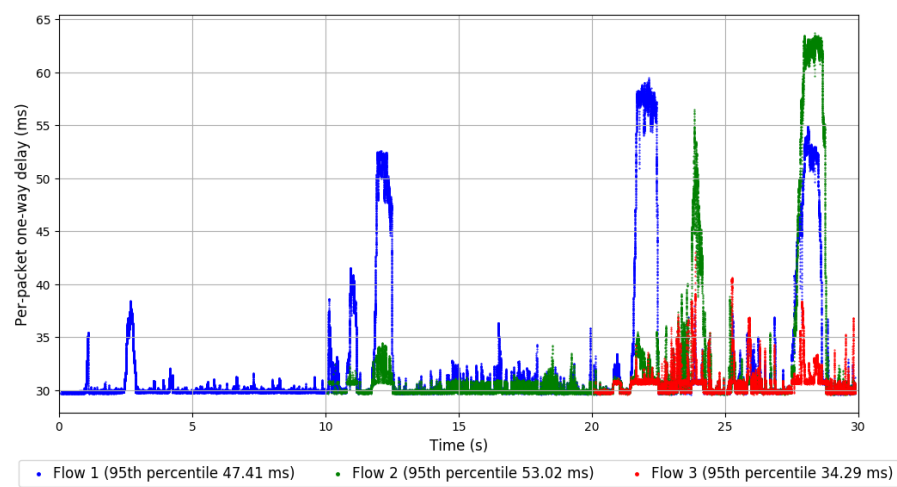
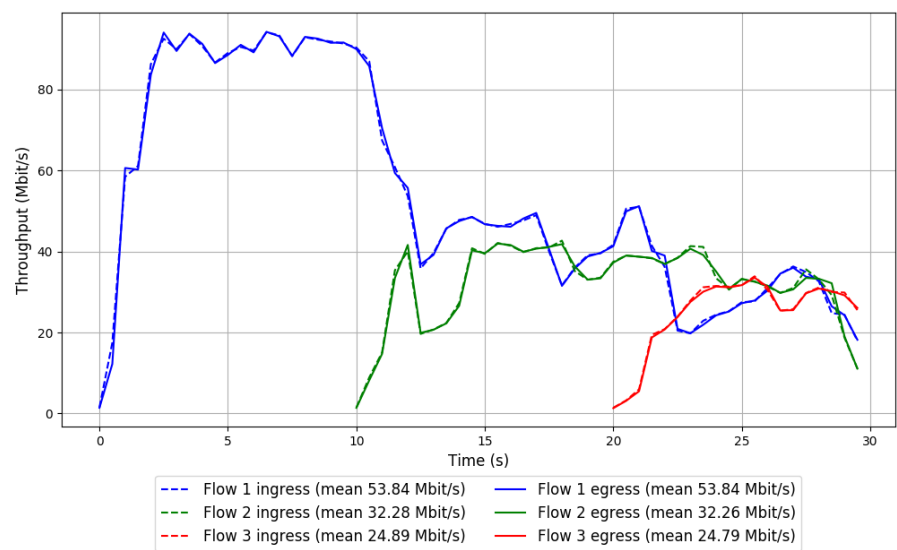


Run 3: Statistics of Vivace-latency

Start at: 2018-02-20 10:33:24
End at: 2018-02-20 10:33:54
Local clock offset: -1.147 ms
Remote clock offset: -18.154 ms

Below is generated by plot.py at 2018-02-20 17:30:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 46.978 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 53.84 Mbit/s
95th percentile per-packet one-way delay: 47.410 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 53.022 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 34.290 ms
Loss rate: 0.67%

Run 3: Report of Vivace-latency — Data Link

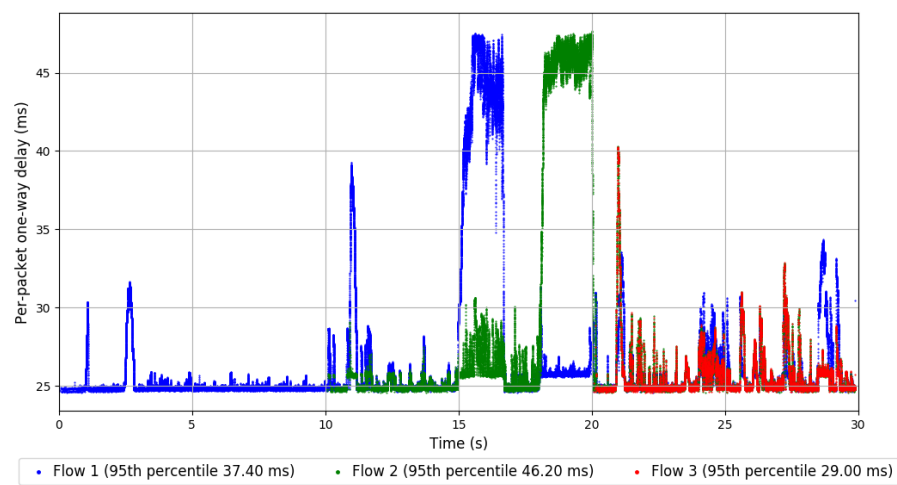
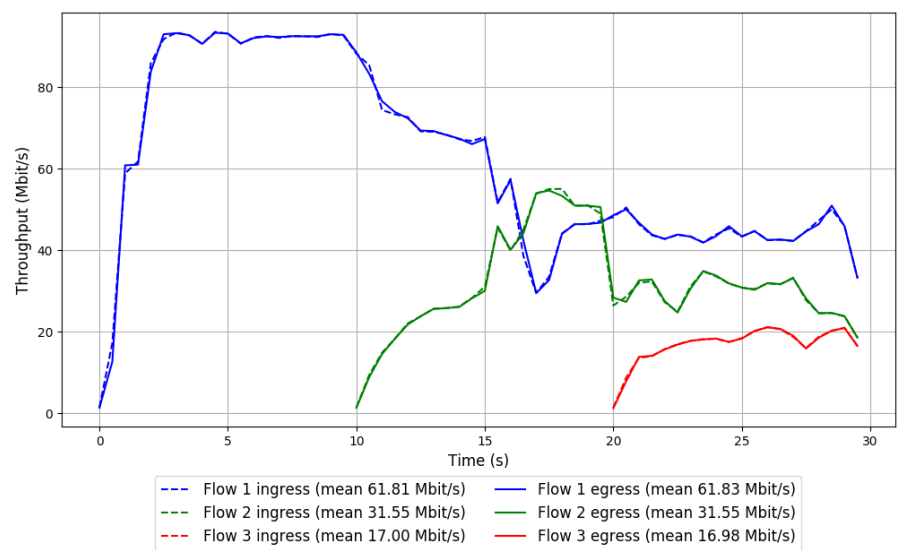


Run 4: Statistics of Vivace-latency

Start at: 2018-02-20 10:55:38
End at: 2018-02-20 10:56:08
Local clock offset: -6.086 ms
Remote clock offset: -19.106 ms

Below is generated by plot.py at 2018-02-20 17:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 43.957 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 61.83 Mbit/s
95th percentile per-packet one-way delay: 37.400 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 46.198 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 16.98 Mbit/s
95th percentile per-packet one-way delay: 29.000 ms
Loss rate: 0.32%

Run 4: Report of Vivace-latency — Data Link

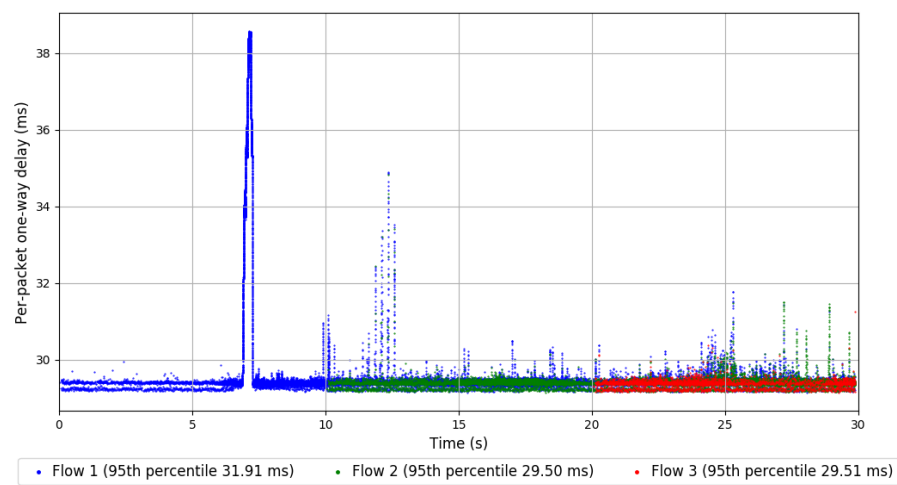
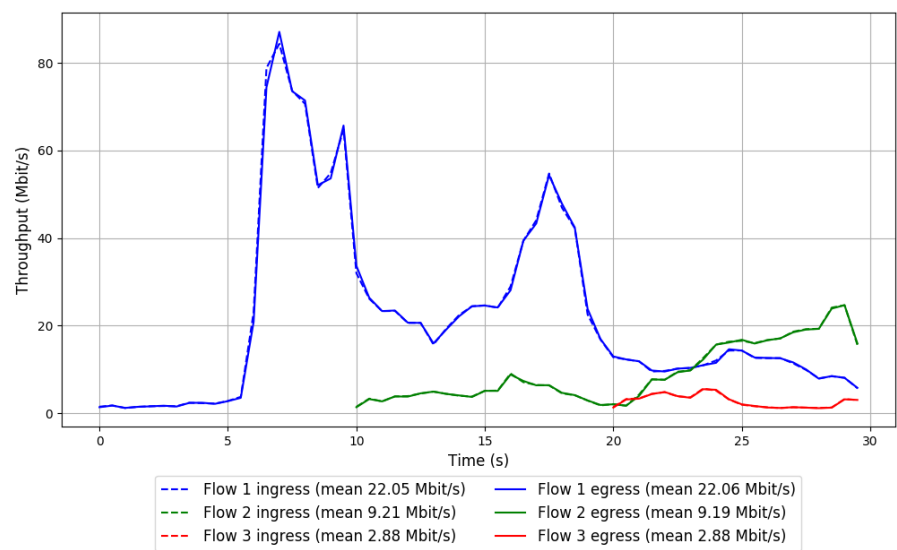


Run 5: Statistics of Vivace-latency

Start at: 2018-02-20 11:18:47
End at: 2018-02-20 11:19:17
Local clock offset: -0.425 ms
Remote clock offset: -18.668 ms

Below is generated by plot.py at 2018-02-20 17:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.11 Mbit/s
95th percentile per-packet one-way delay: 29.844 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 22.06 Mbit/s
95th percentile per-packet one-way delay: 31.908 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 29.501 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 29.507 ms
Loss rate: 0.29%

Run 5: Report of Vivace-latency — Data Link

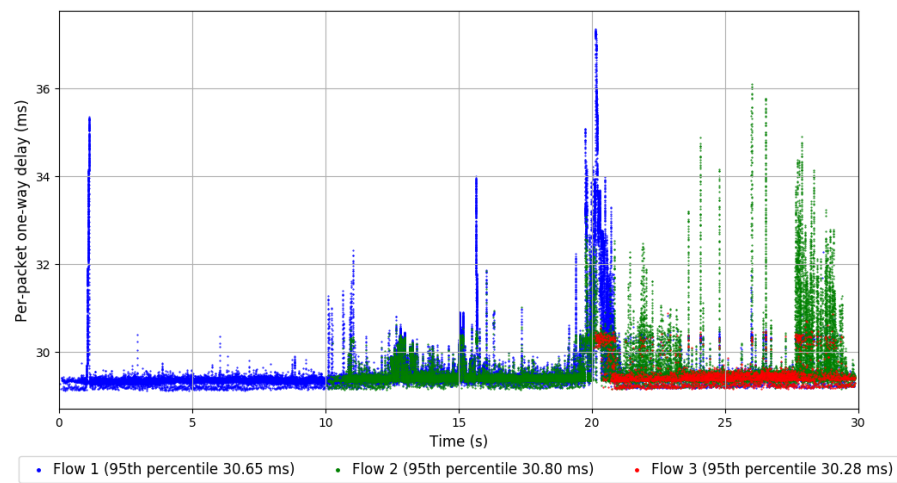
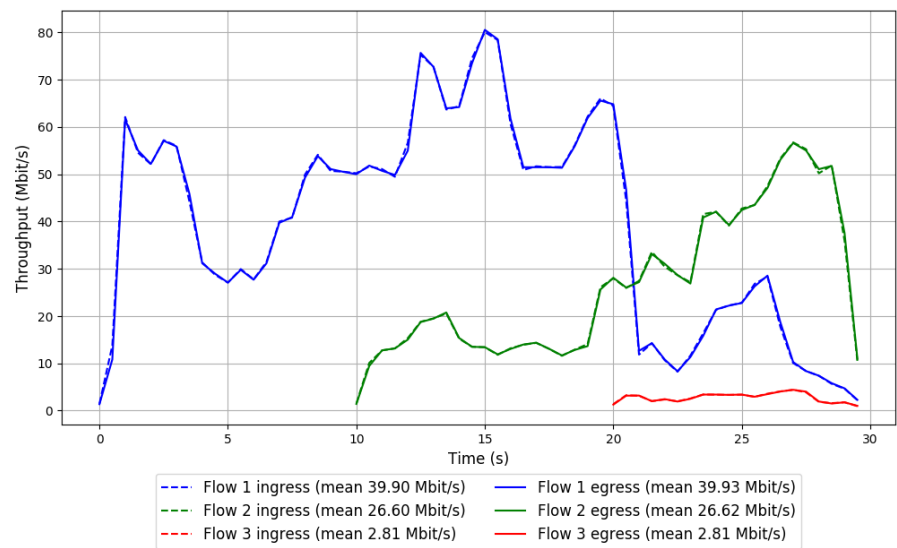


Run 6: Statistics of Vivace-latency

Start at: 2018-02-20 11:40:16
End at: 2018-02-20 11:40:46
Local clock offset: -2.35 ms
Remote clock offset: -16.638 ms

Below is generated by plot.py at 2018-02-20 17:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.55 Mbit/s
95th percentile per-packet one-way delay: 30.677 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 39.93 Mbit/s
95th percentile per-packet one-way delay: 30.646 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 30.799 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 30.276 ms
Loss rate: 0.13%

Run 6: Report of Vivace-latency — Data Link

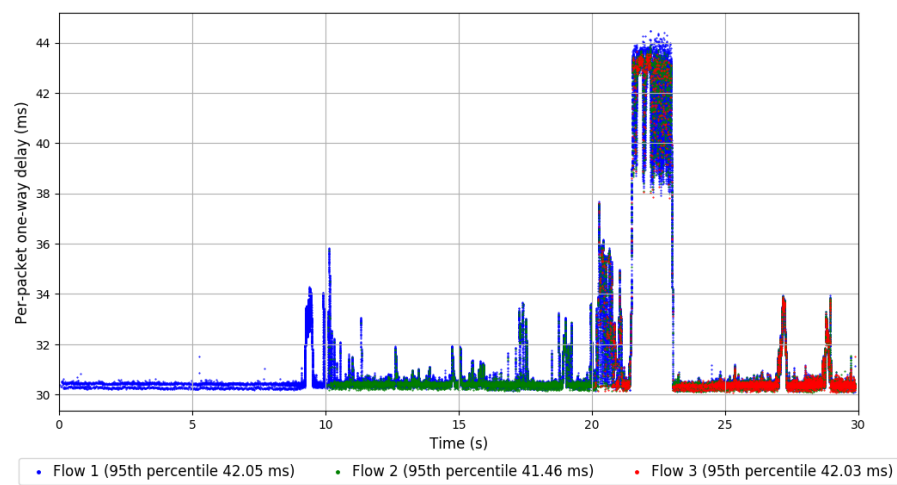
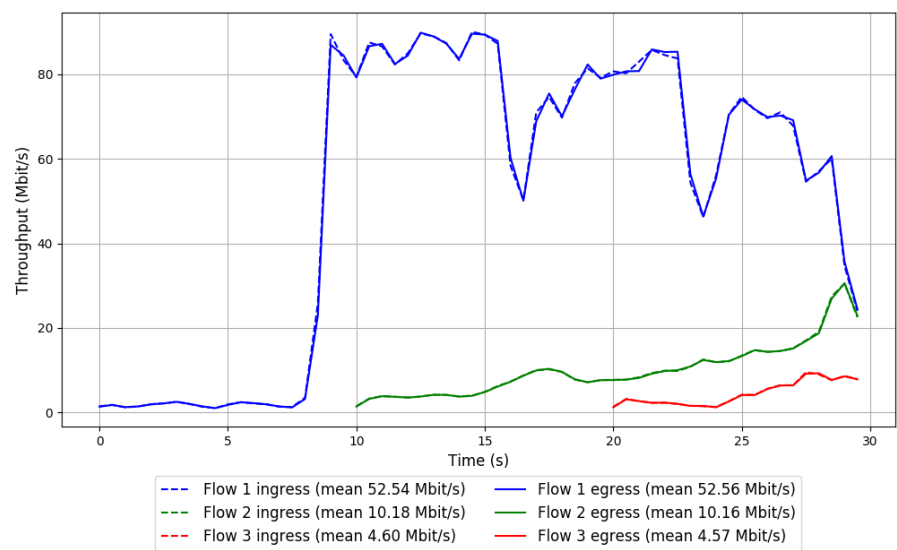


Run 7: Statistics of Vivace-latency

Start at: 2018-02-20 12:02:01
End at: 2018-02-20 12:02:31
Local clock offset: -2.016 ms
Remote clock offset: -18.565 ms

Below is generated by plot.py at 2018-02-20 17:30:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.81 Mbit/s
95th percentile per-packet one-way delay: 41.991 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 52.56 Mbit/s
95th percentile per-packet one-way delay: 42.045 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 10.16 Mbit/s
95th percentile per-packet one-way delay: 41.456 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 42.032 ms
Loss rate: 0.71%

Run 7: Report of Vivace-latency — Data Link

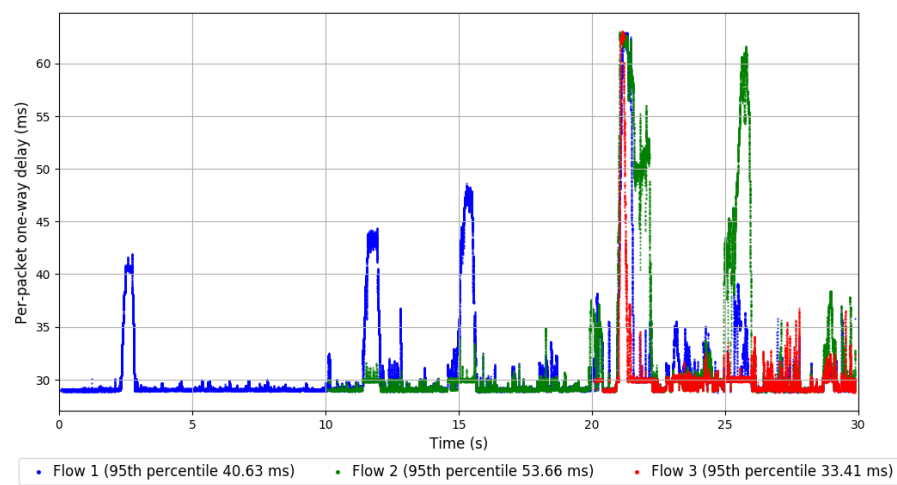
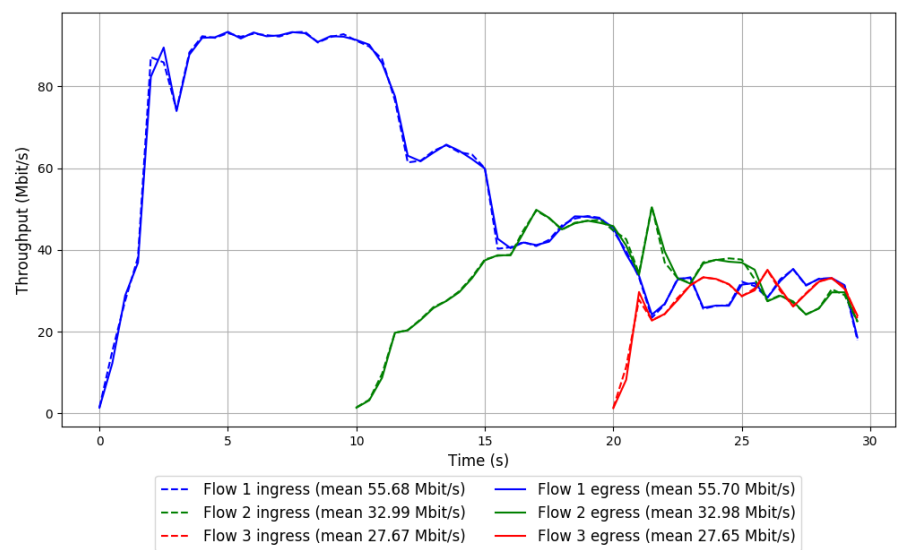


Run 8: Statistics of Vivace-latency

Start at: 2018-02-20 12:24:11
End at: 2018-02-20 12:24:41
Local clock offset: -0.448 ms
Remote clock offset: -21.242 ms

Below is generated by plot.py at 2018-02-20 17:31:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 43.375 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 55.70 Mbit/s
95th percentile per-packet one-way delay: 40.632 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 53.660 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 33.409 ms
Loss rate: 0.31%

Run 8: Report of Vivace-latency — Data Link

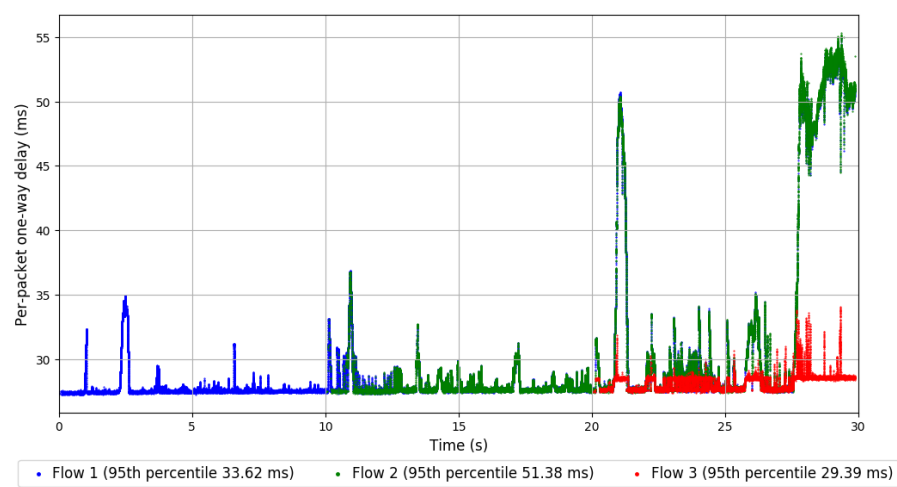
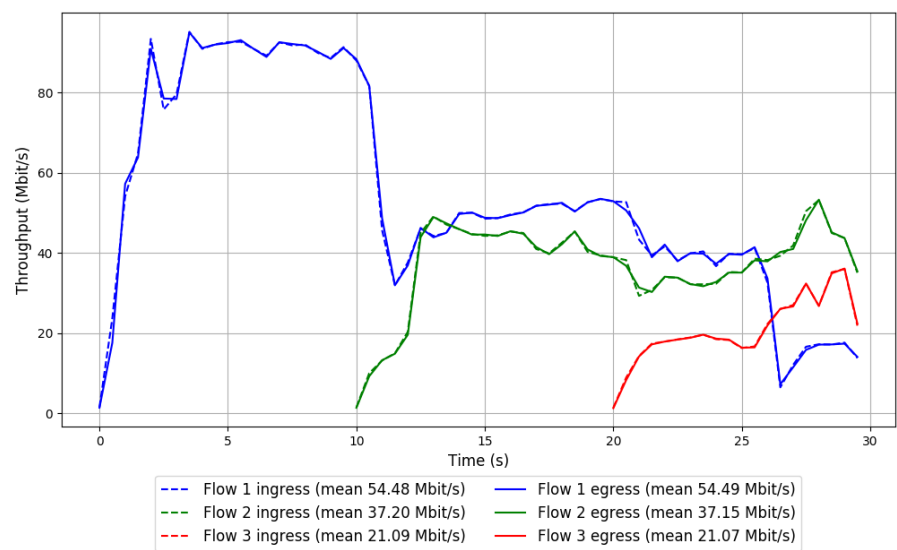


Run 9: Statistics of Vivace-latency

Start at: 2018-02-20 12:46:13
End at: 2018-02-20 12:46:43
Local clock offset: -2.99 ms
Remote clock offset: -18.018 ms

Below is generated by plot.py at 2018-02-20 17:31:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.11 Mbit/s
95th percentile per-packet one-way delay: 48.082 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 54.49 Mbit/s
95th percentile per-packet one-way delay: 33.619 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 37.15 Mbit/s
95th percentile per-packet one-way delay: 51.385 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 21.07 Mbit/s
95th percentile per-packet one-way delay: 29.389 ms
Loss rate: 0.34%

Run 9: Report of Vivace-latency — Data Link

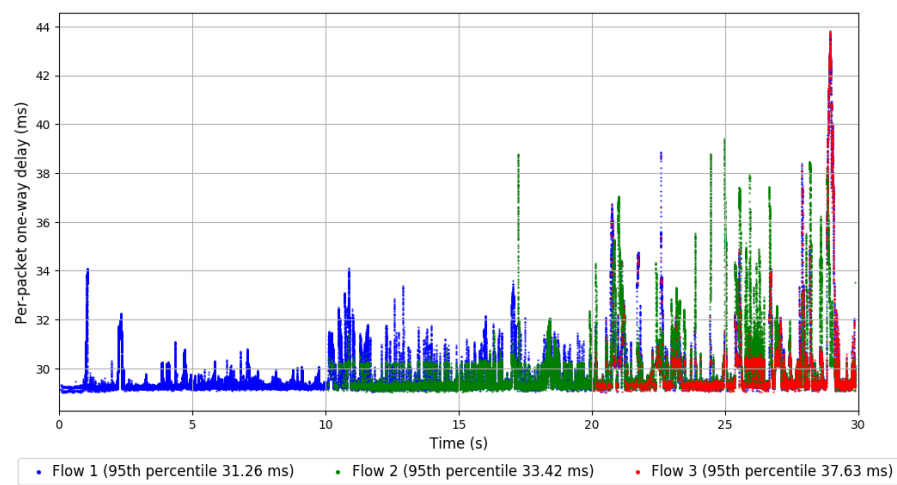
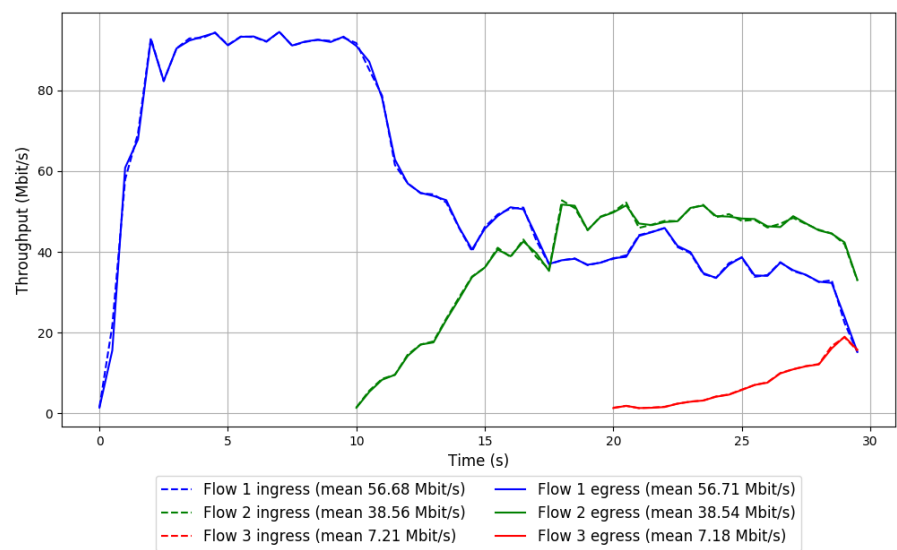


Run 10: Statistics of Vivace-latency

Start at: 2018-02-20 13:07:58
End at: 2018-02-20 13:08:28
Local clock offset: -6.375 ms
Remote clock offset: -18.795 ms

Below is generated by plot.py at 2018-02-20 17:31:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.68 Mbit/s
95th percentile per-packet one-way delay: 31.969 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.71 Mbit/s
95th percentile per-packet one-way delay: 31.258 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.54 Mbit/s
95th percentile per-packet one-way delay: 33.423 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 37.627 ms
Loss rate: 0.68%

Run 10: Report of Vivace-latency — Data Link

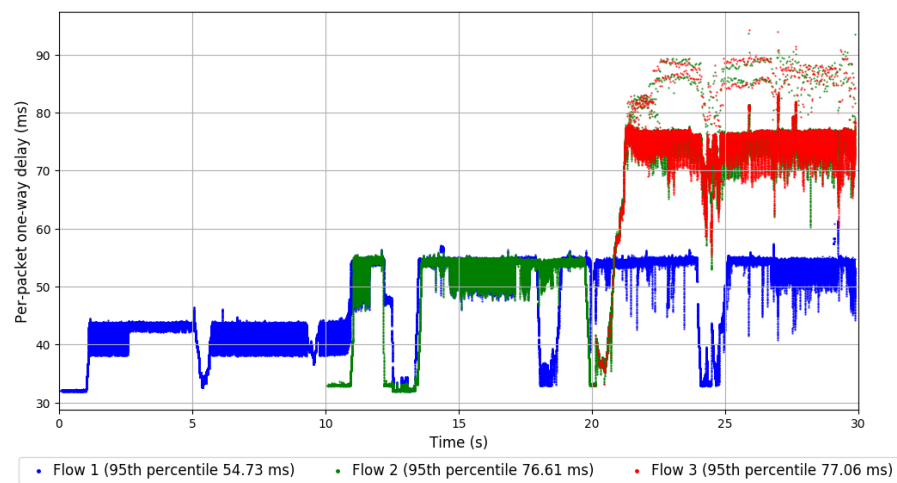
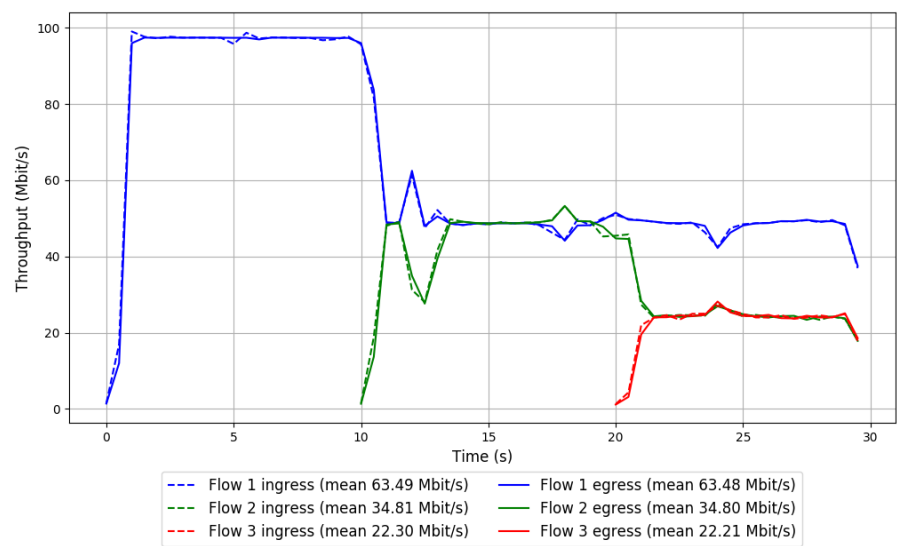


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-20 10:00:52
End at: 2018-02-20 10:01:22
Local clock offset: 0.189 ms
Remote clock offset: -11.426 ms

# Below is generated by plot.py at 2018-02-20 17:31:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.91 Mbit/s
95th percentile per-packet one-way delay: 76.096 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 63.48 Mbit/s
95th percentile per-packet one-way delay: 54.729 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.80 Mbit/s
95th percentile per-packet one-way delay: 76.606 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 22.21 Mbit/s
95th percentile per-packet one-way delay: 77.060 ms
Loss rate: 0.70%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-20 10:22:34

End at: 2018-02-20 10:23:04

Local clock offset: 0.788 ms

Remote clock offset: -14.819 ms

Below is generated by plot.py at 2018-02-20 17:32:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.33 Mbit/s

95th percentile per-packet one-way delay: 63.833 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 58.68 Mbit/s

95th percentile per-packet one-way delay: 63.634 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 38.56 Mbit/s

95th percentile per-packet one-way delay: 63.851 ms

Loss rate: 0.25%

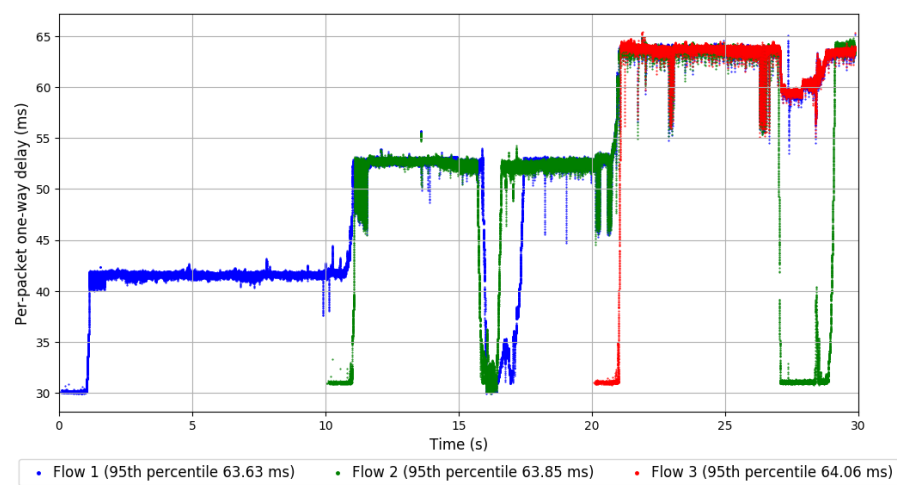
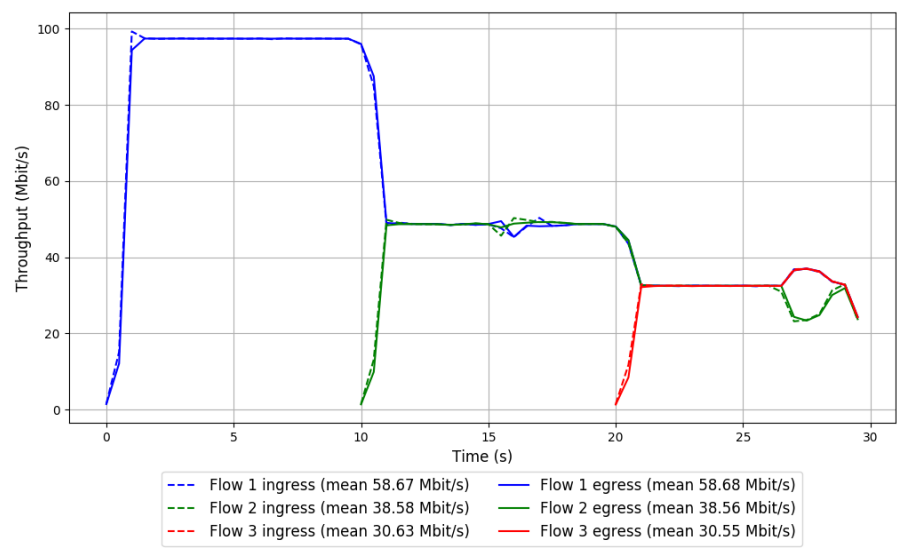
-- Flow 3:

Average throughput: 30.55 Mbit/s

95th percentile per-packet one-way delay: 64.062 ms

Loss rate: 0.63%

Run 2: Report of Vivace-loss — Data Link

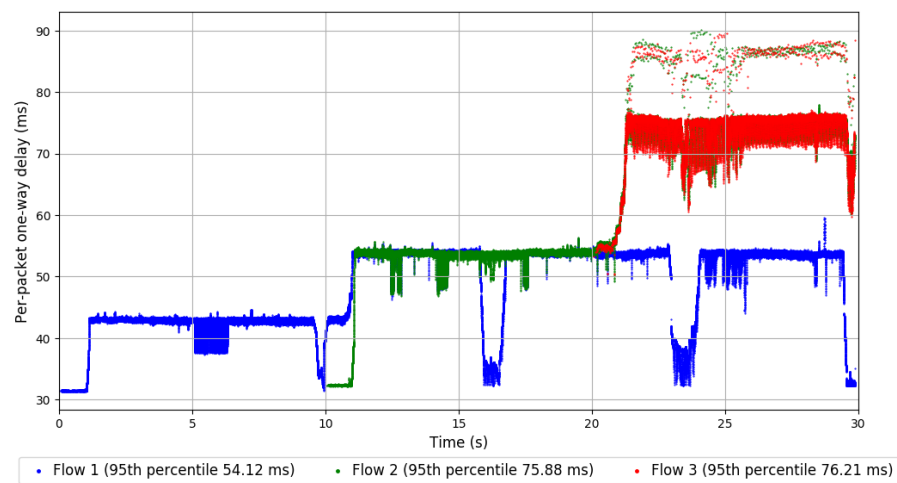
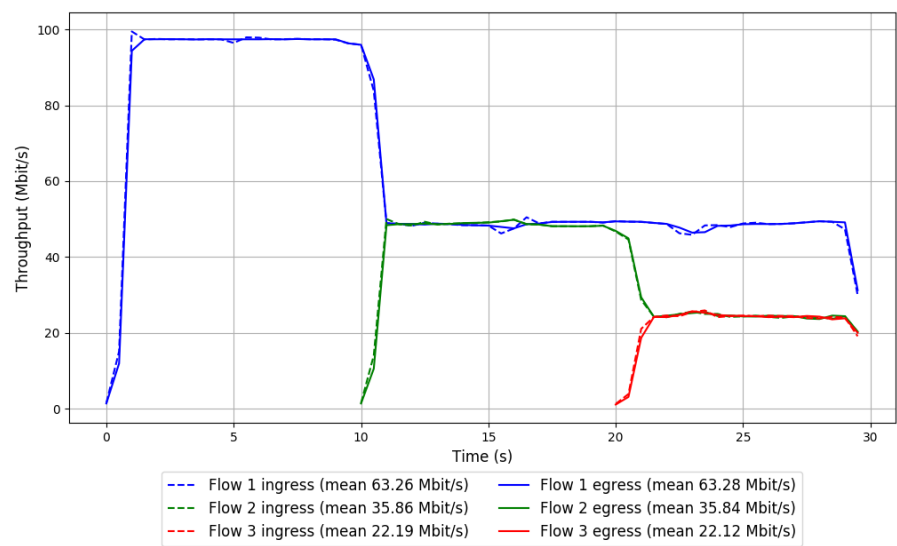


Run 3: Statistics of Vivace-loss

Start at: 2018-02-20 10:44:13
End at: 2018-02-20 10:44:43
Local clock offset: 1.213 ms
Remote clock offset: -18.251 ms

Below is generated by plot.py at 2018-02-20 17:32:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.36 Mbit/s
95th percentile per-packet one-way delay: 75.545 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 63.28 Mbit/s
95th percentile per-packet one-way delay: 54.115 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.84 Mbit/s
95th percentile per-packet one-way delay: 75.879 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: 76.210 ms
Loss rate: 0.72%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-20 11:07:23

End at: 2018-02-20 11:07:53

Local clock offset: -2.902 ms

Remote clock offset: -19.759 ms

Below is generated by plot.py at 2018-02-20 17:32:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.53 Mbit/s

95th percentile per-packet one-way delay: 61.862 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: 61.407 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 37.59 Mbit/s

95th percentile per-packet one-way delay: 62.303 ms

Loss rate: 0.22%

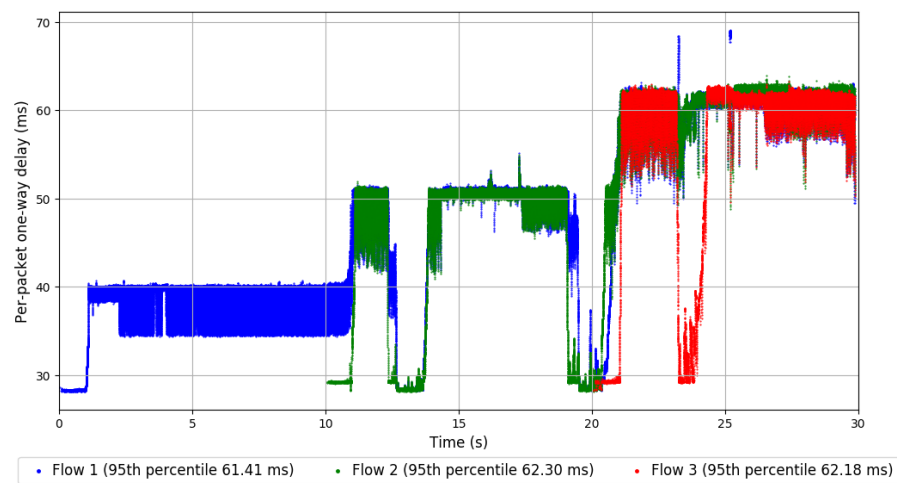
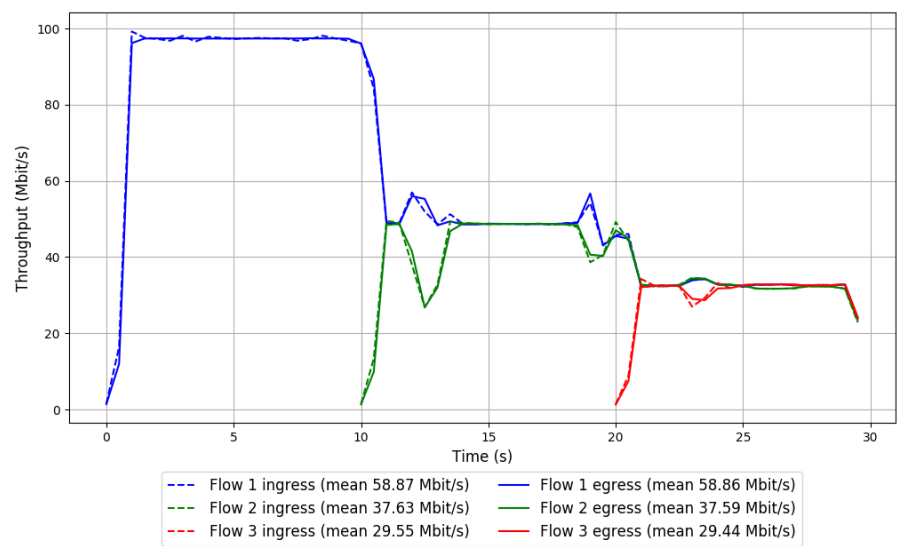
-- Flow 3:

Average throughput: 29.44 Mbit/s

95th percentile per-packet one-way delay: 62.180 ms

Loss rate: 0.59%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-20 11:29:25

End at: 2018-02-20 11:29:55

Local clock offset: 2.722 ms

Remote clock offset: -17.723 ms

Below is generated by plot.py at 2018-02-20 17:32:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.44 Mbit/s

95th percentile per-packet one-way delay: 64.474 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 58.87 Mbit/s

95th percentile per-packet one-way delay: 63.384 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 39.81 Mbit/s

95th percentile per-packet one-way delay: 64.697 ms

Loss rate: 0.21%

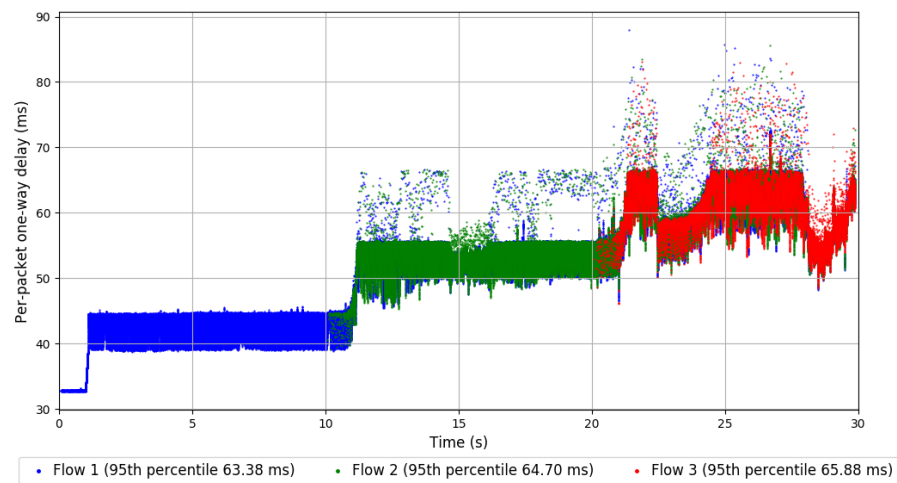
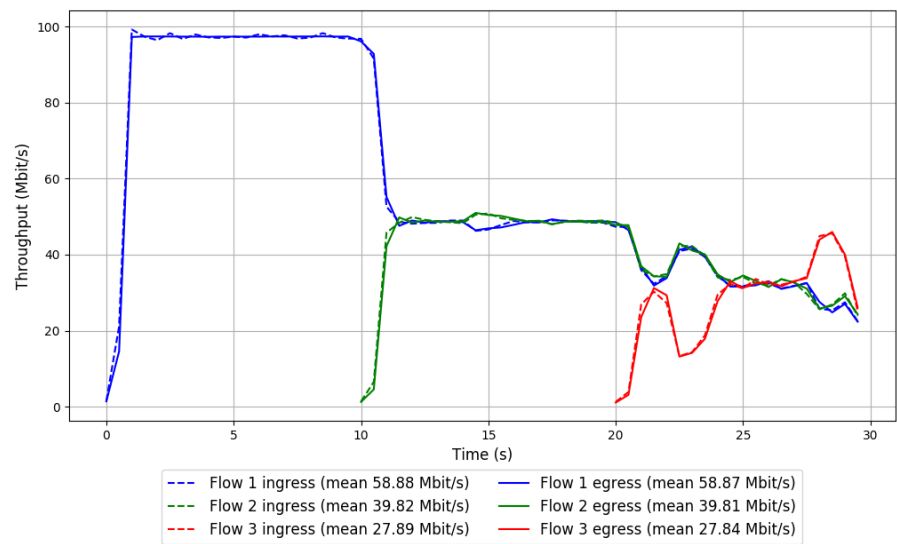
-- Flow 3:

Average throughput: 27.84 Mbit/s

95th percentile per-packet one-way delay: 65.880 ms

Loss rate: 0.69%

Run 5: Report of Vivace-loss — Data Link

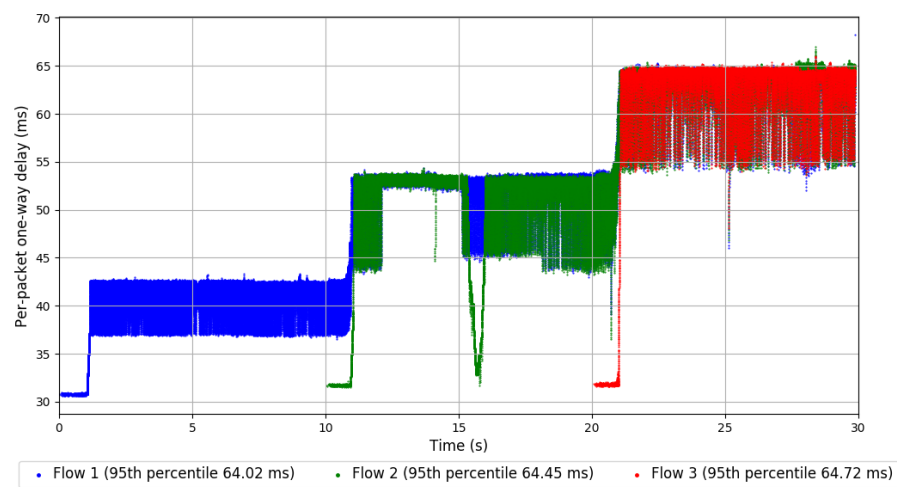
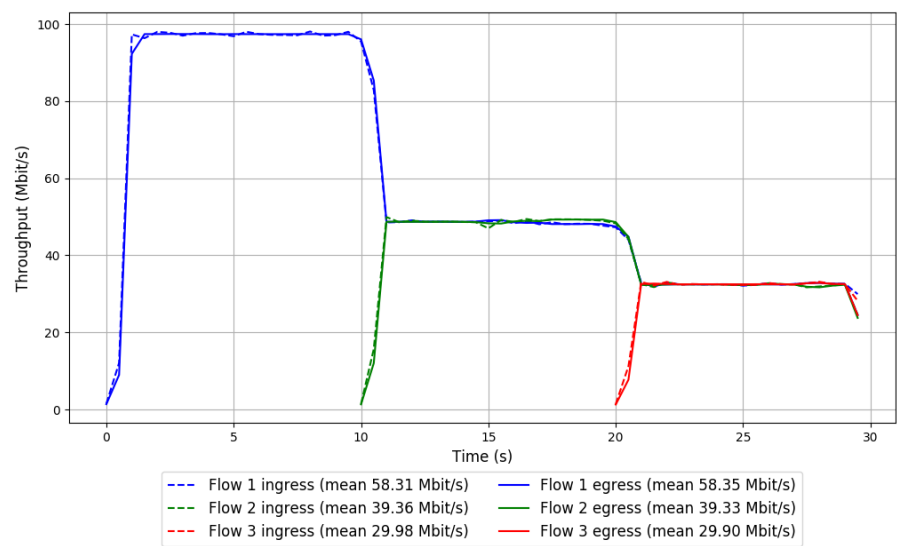


Run 6: Statistics of Vivace-loss

Start at: 2018-02-20 11:51:00
End at: 2018-02-20 11:51:30
Local clock offset: -1.641 ms
Remote clock offset: -16.508 ms

Below is generated by plot.py at 2018-02-20 17:32:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.30 Mbit/s
95th percentile per-packet one-way delay: 64.398 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 64.024 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 64.454 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 64.719 ms
Loss rate: 1.32%

Run 6: Report of Vivace-loss — Data Link

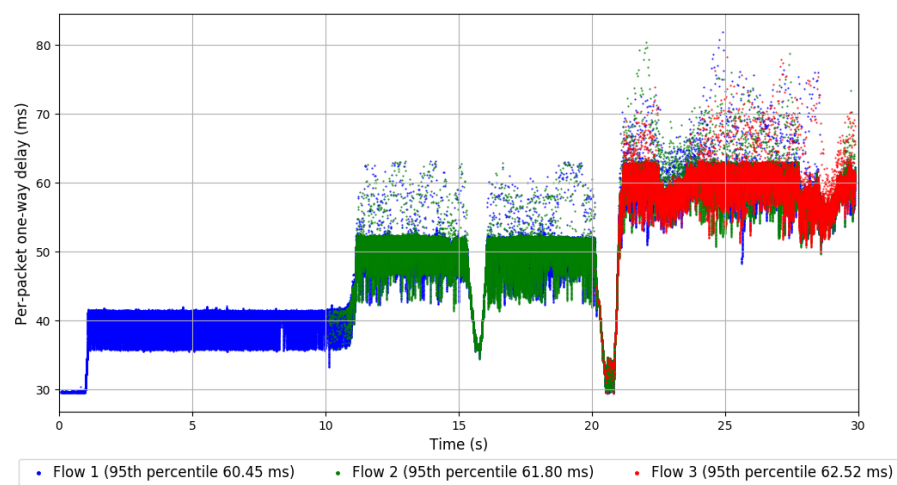
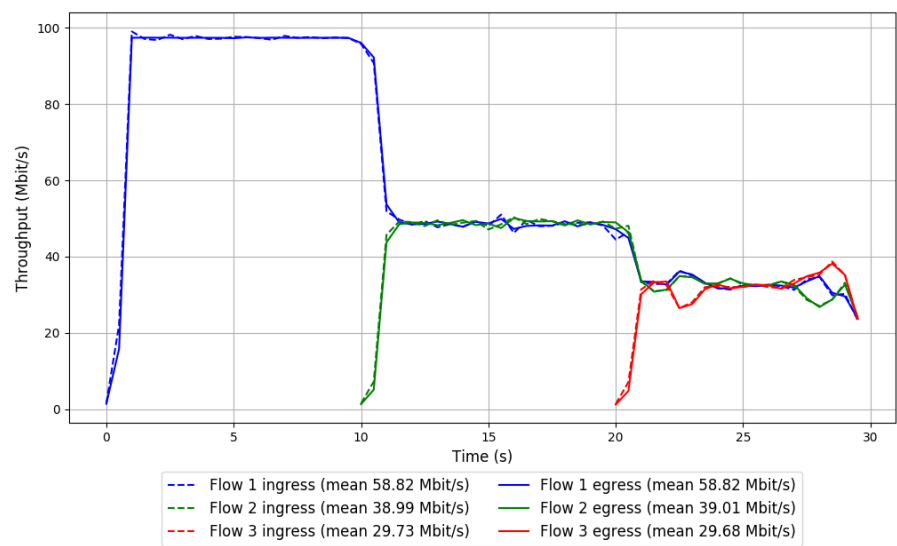


Run 7: Statistics of Vivace-loss

Start at: 2018-02-20 12:12:55
End at: 2018-02-20 12:13:25
Local clock offset: -1.881 ms
Remote clock offset: -21.495 ms

Below is generated by plot.py at 2018-02-20 17:32:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 61.488 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.82 Mbit/s
95th percentile per-packet one-way delay: 60.450 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.01 Mbit/s
95th percentile per-packet one-way delay: 61.799 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 62.525 ms
Loss rate: 0.63%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-20 12:35:09

End at: 2018-02-20 12:35:39

Local clock offset: 1.97 ms

Remote clock offset: -19.708 ms

Below is generated by plot.py at 2018-02-20 17:33:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.37 Mbit/s

95th percentile per-packet one-way delay: 64.675 ms

Loss rate: 0.39%

-- Flow 1:

Average throughput: 58.33 Mbit/s

95th percentile per-packet one-way delay: 64.500 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 39.36 Mbit/s

95th percentile per-packet one-way delay: 64.723 ms

Loss rate: 0.37%

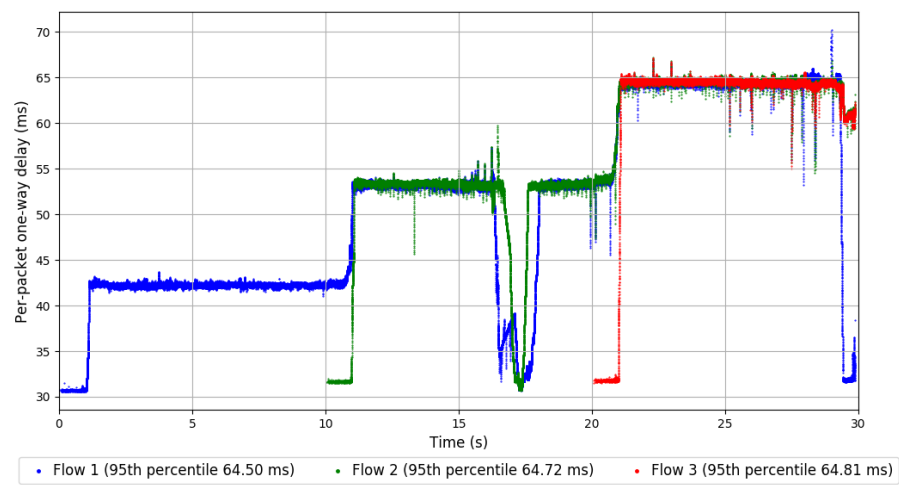
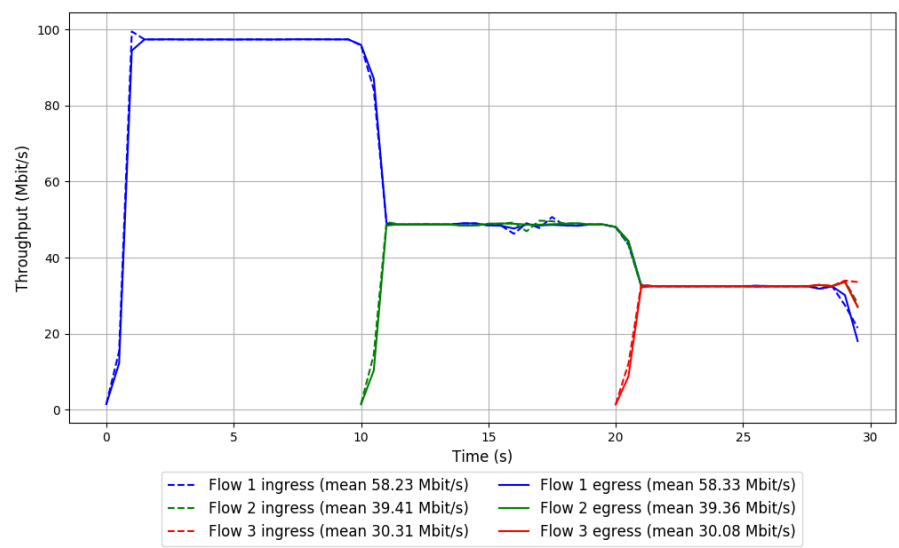
-- Flow 3:

Average throughput: 30.08 Mbit/s

95th percentile per-packet one-way delay: 64.813 ms

Loss rate: 1.83%

Run 8: Report of Vivace-loss — Data Link

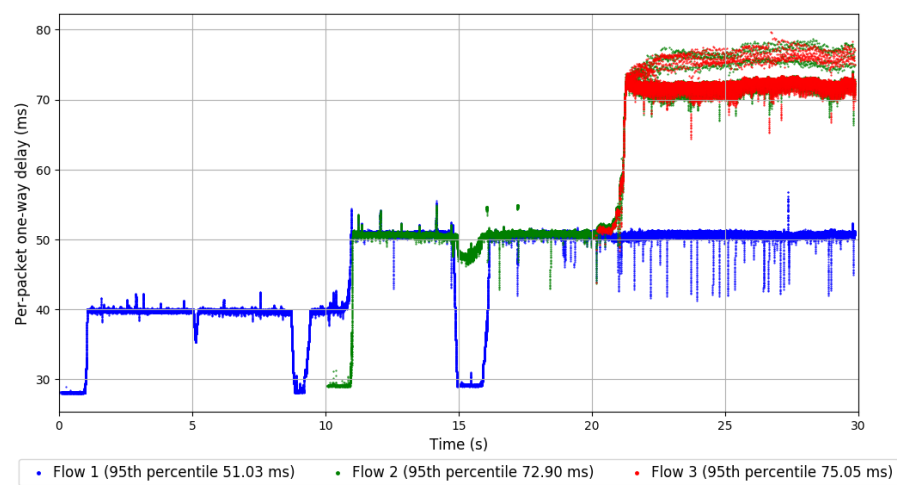
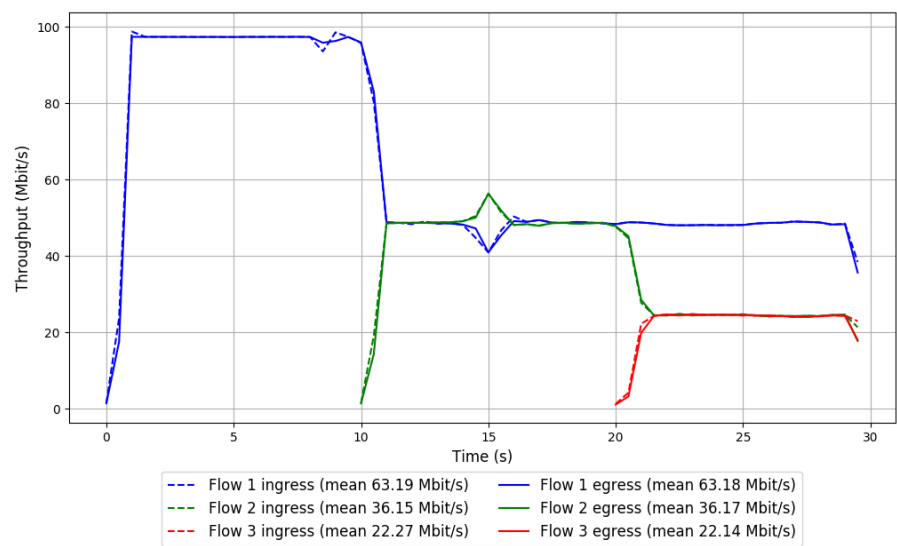


Run 9: Statistics of Vivace-loss

Start at: 2018-02-20 12:57:07
End at: 2018-02-20 12:57:37
Local clock offset: -5.646 ms
Remote clock offset: -18.484 ms

Below is generated by plot.py at 2018-02-20 17:33:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 72.535 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 63.18 Mbit/s
95th percentile per-packet one-way delay: 51.034 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 72.900 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 75.054 ms
Loss rate: 1.96%

Run 9: Report of Vivace-loss — Data Link

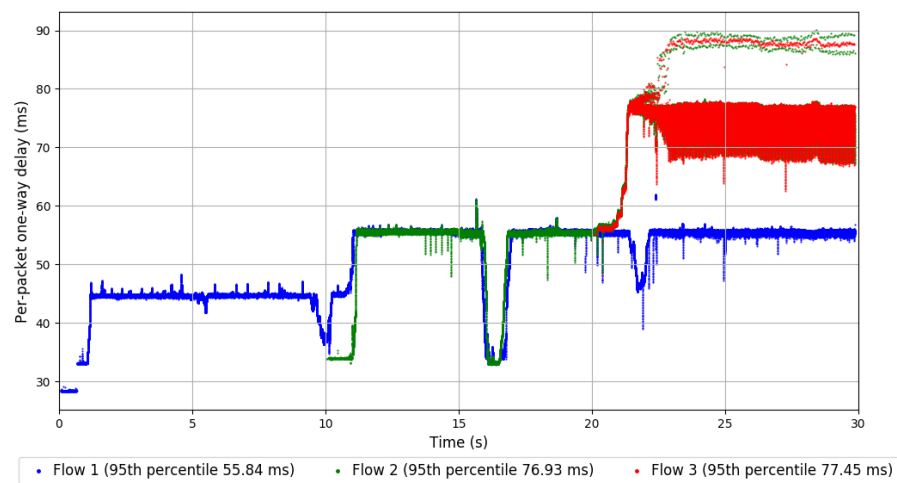
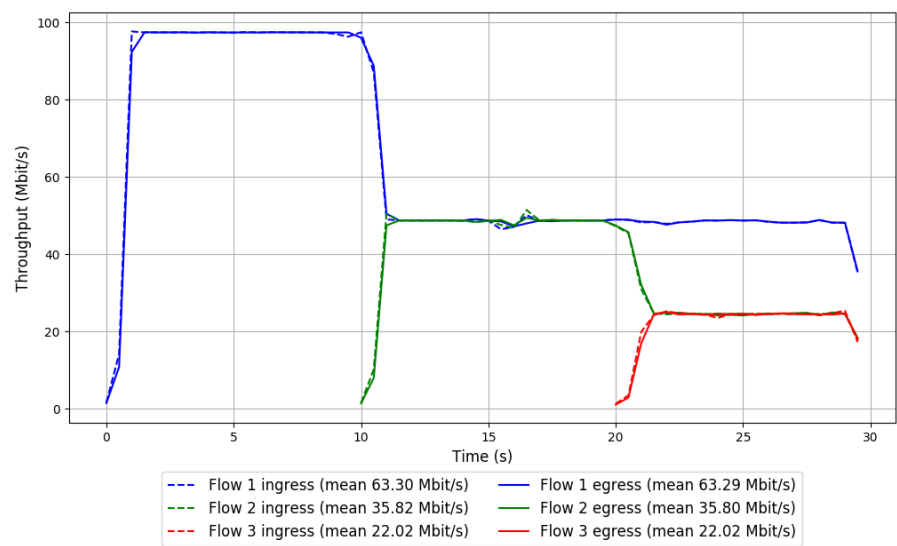


Run 10: Statistics of Vivace-loss

Start at: 2018-02-20 13:18:44
End at: 2018-02-20 13:19:14
Local clock offset: -4.729 ms
Remote clock offset: -18.012 ms

Below is generated by plot.py at 2018-02-20 17:33:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.29 Mbit/s
95th percentile per-packet one-way delay: 76.314 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 63.29 Mbit/s
95th percentile per-packet one-way delay: 55.837 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: 76.934 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 77.453 ms
Loss rate: 0.78%

Run 10: Report of Vivace-loss — Data Link

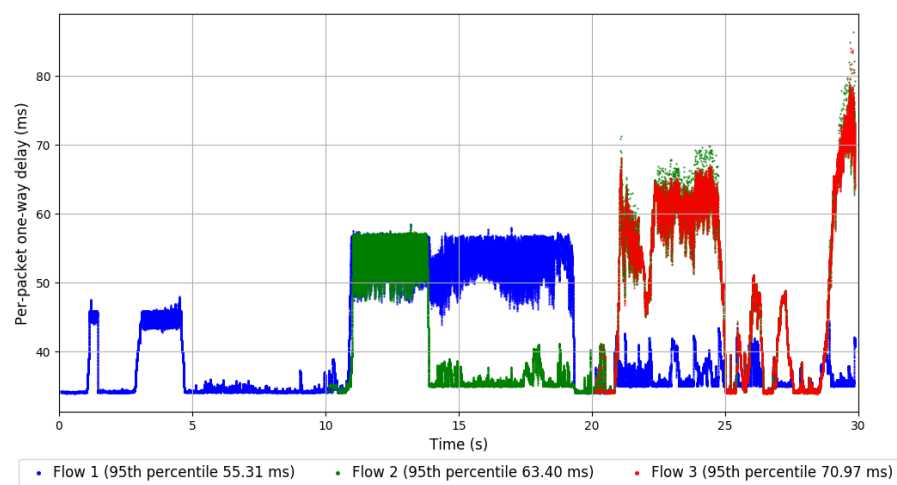
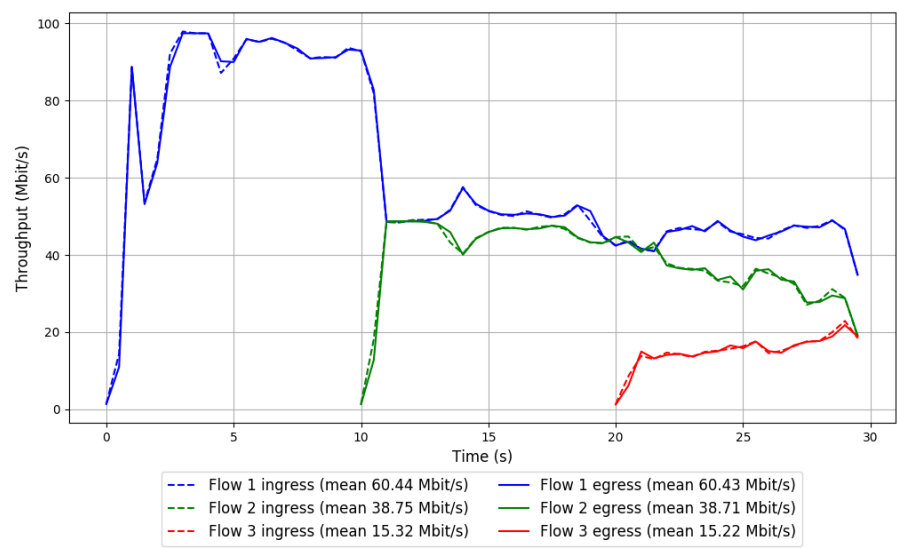


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-20 09:58:19
End at: 2018-02-20 09:58:49
Local clock offset: -2.094 ms
Remote clock offset: -15.648 ms

Below is generated by plot.py at 2018-02-20 17:33:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.15 Mbit/s
95th percentile per-packet one-way delay: 60.024 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 60.43 Mbit/s
95th percentile per-packet one-way delay: 55.308 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 38.71 Mbit/s
95th percentile per-packet one-way delay: 63.401 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 70.966 ms
Loss rate: 1.04%

Run 1: Report of Vivace-LTE — Data Link

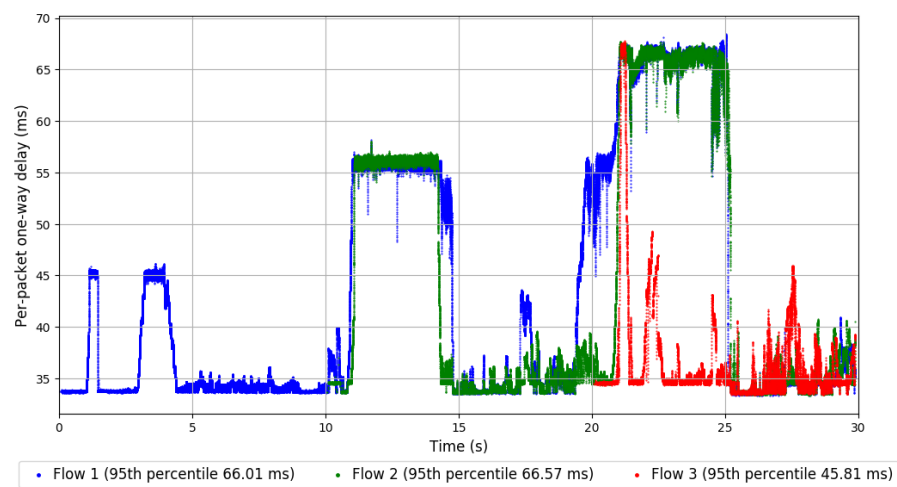
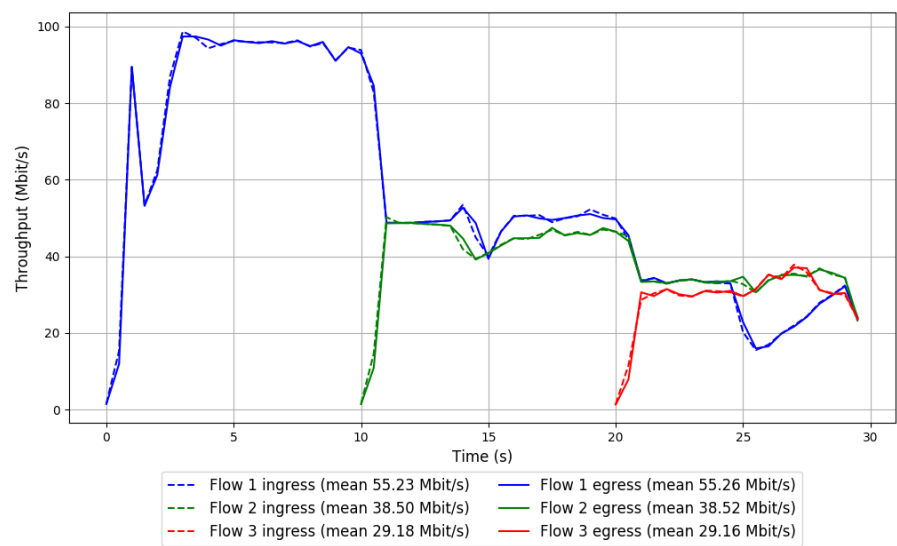


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-20 10:20:06
End at: 2018-02-20 10:20:36
Local clock offset: 2.991 ms
Remote clock offset: -15.348 ms

Below is generated by plot.py at 2018-02-20 17:33:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 66.271 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 66.008 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 66.568 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.16 Mbit/s
95th percentile per-packet one-way delay: 45.815 ms
Loss rate: 0.35%

Run 2: Report of Vivace-LTE — Data Link

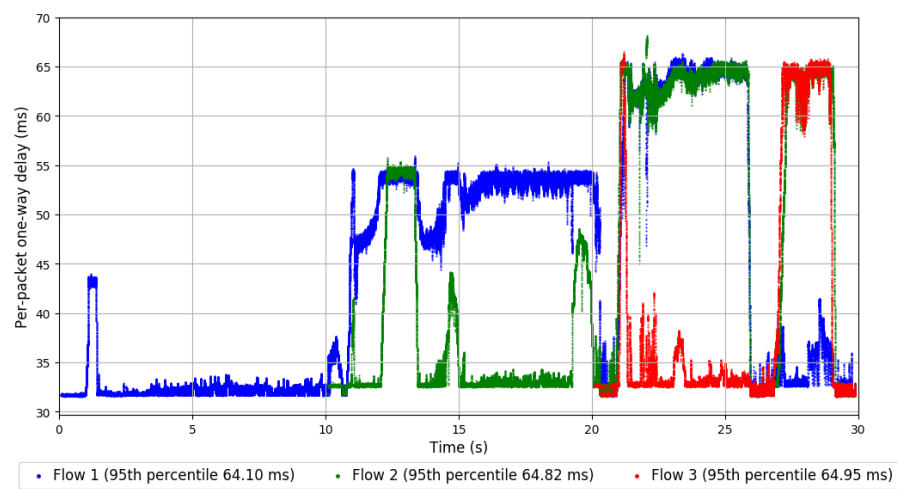
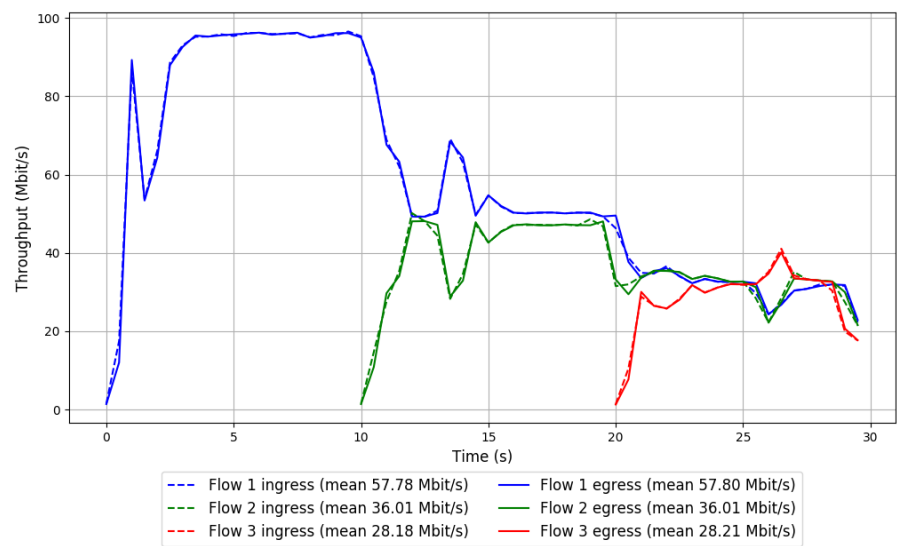


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-20 10:41:42
End at: 2018-02-20 10:42:12
Local clock offset: -0.248 ms
Remote clock offset: -19.857 ms

Below is generated by plot.py at 2018-02-20 17:33:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 64.634 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 64.096 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.01 Mbit/s
95th percentile per-packet one-way delay: 64.816 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 64.948 ms
Loss rate: 0.23%

Run 3: Report of Vivace-LTE — Data Link

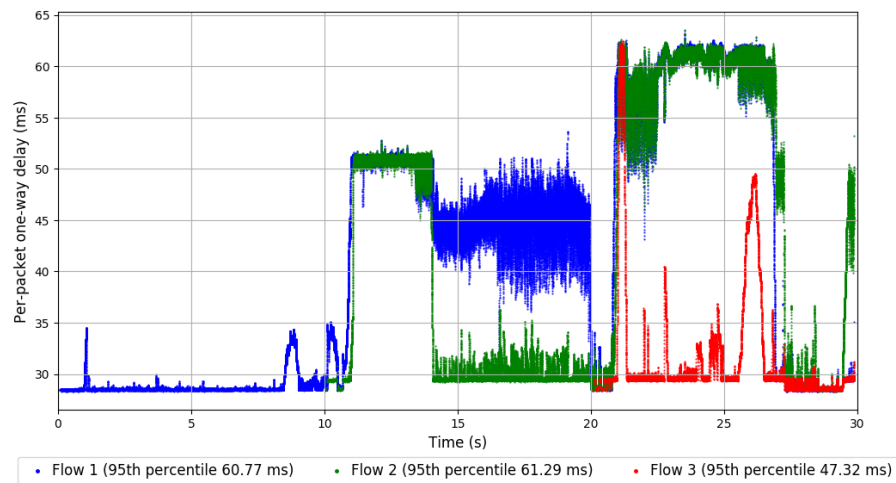
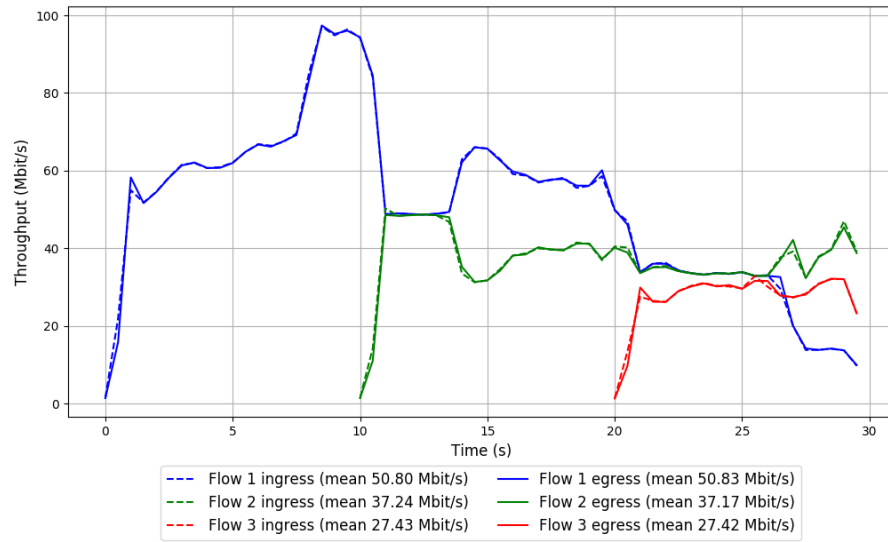


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-20 11:04:32
End at: 2018-02-20 11:05:02
Local clock offset: -2.647 ms
Remote clock offset: -19.584 ms

Below is generated by plot.py at 2018-02-20 17:34:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.56 Mbit/s
95th percentile per-packet one-way delay: 60.945 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 50.83 Mbit/s
95th percentile per-packet one-way delay: 60.770 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.17 Mbit/s
95th percentile per-packet one-way delay: 61.291 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 27.42 Mbit/s
95th percentile per-packet one-way delay: 47.321 ms
Loss rate: 0.33%

Run 4: Report of Vivace-LTE — Data Link

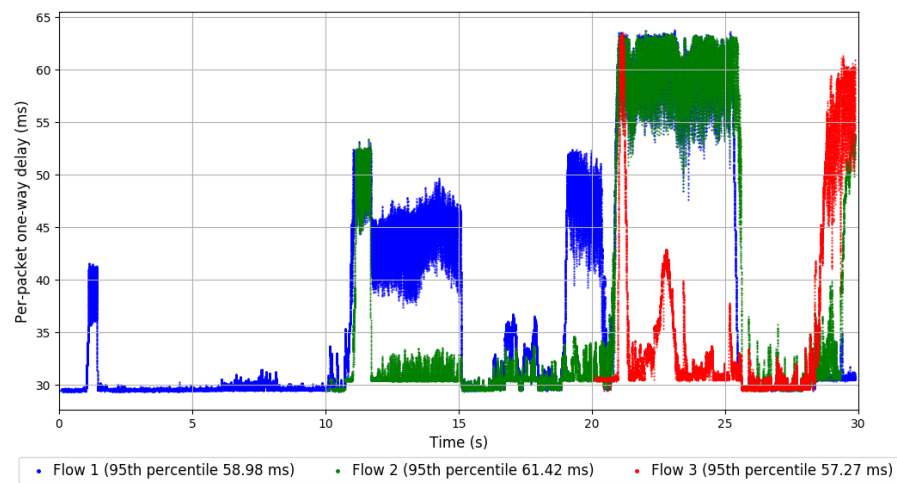
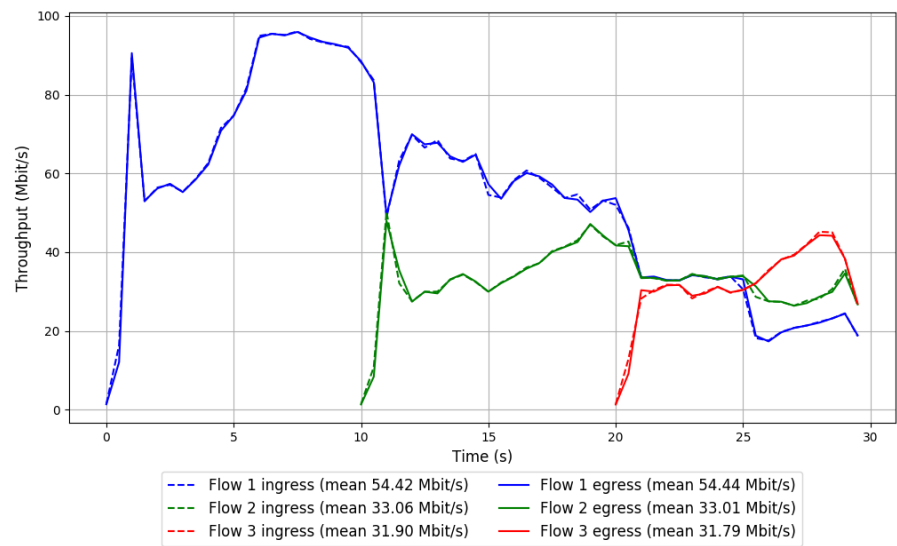


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-20 11:26:56
End at: 2018-02-20 11:27:26
Local clock offset: -1.188 ms
Remote clock offset: -18.714 ms

Below is generated by plot.py at 2018-02-20 17:34:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 59.958 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 54.44 Mbit/s
95th percentile per-packet one-way delay: 58.978 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 61.423 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 57.267 ms
Loss rate: 0.62%

Run 5: Report of Vivace-LTE — Data Link

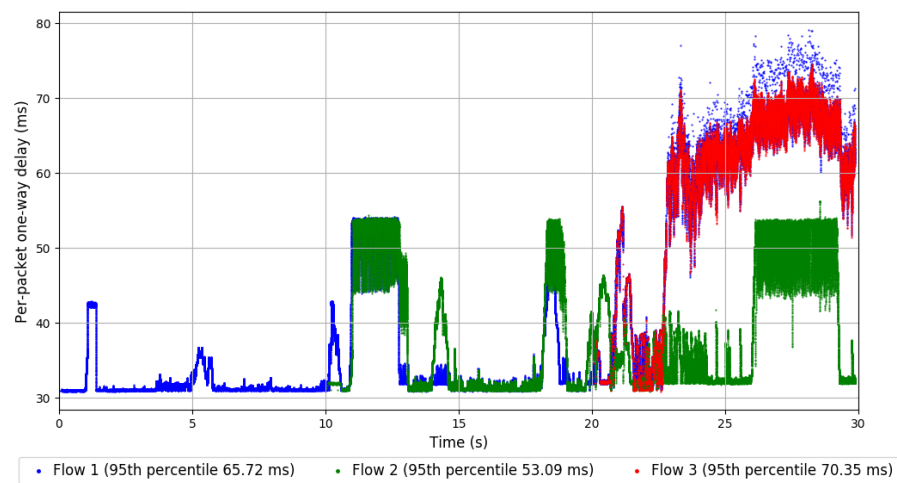
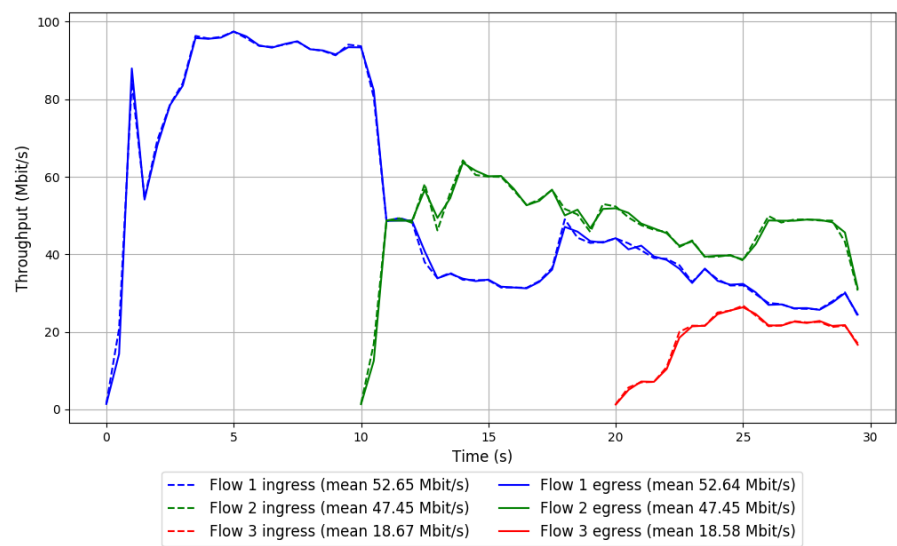


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-20 11:48:33
End at: 2018-02-20 11:49:03
Local clock offset: -2.557 ms
Remote clock offset: -17.776 ms

Below is generated by plot.py at 2018-02-20 17:34:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 66.036 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 52.64 Mbit/s
95th percentile per-packet one-way delay: 65.718 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 47.45 Mbit/s
95th percentile per-packet one-way delay: 53.088 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 18.58 Mbit/s
95th percentile per-packet one-way delay: 70.350 ms
Loss rate: 0.79%

Run 6: Report of Vivace-LTE — Data Link

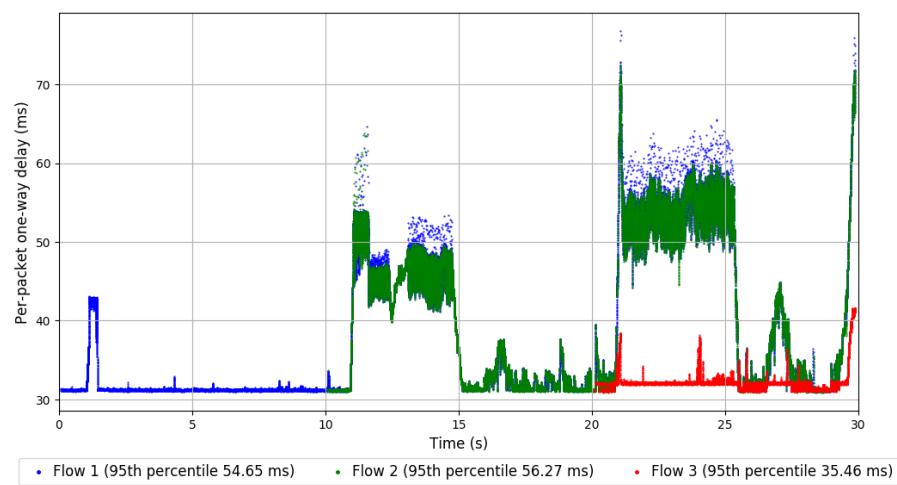
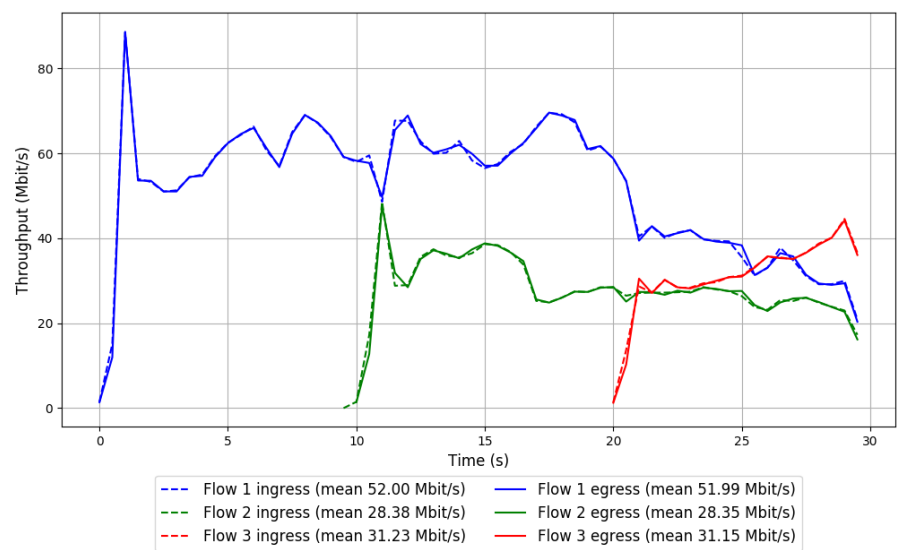


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-20 12:10:25
End at: 2018-02-20 12:10:55
Local clock offset: -2.166 ms
Remote clock offset: -22.684 ms

Below is generated by plot.py at 2018-02-20 17:34:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.09 Mbit/s
95th percentile per-packet one-way delay: 54.899 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 51.99 Mbit/s
95th percentile per-packet one-way delay: 54.648 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 56.270 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 35.463 ms
Loss rate: 0.57%

Run 7: Report of Vivace-LTE — Data Link

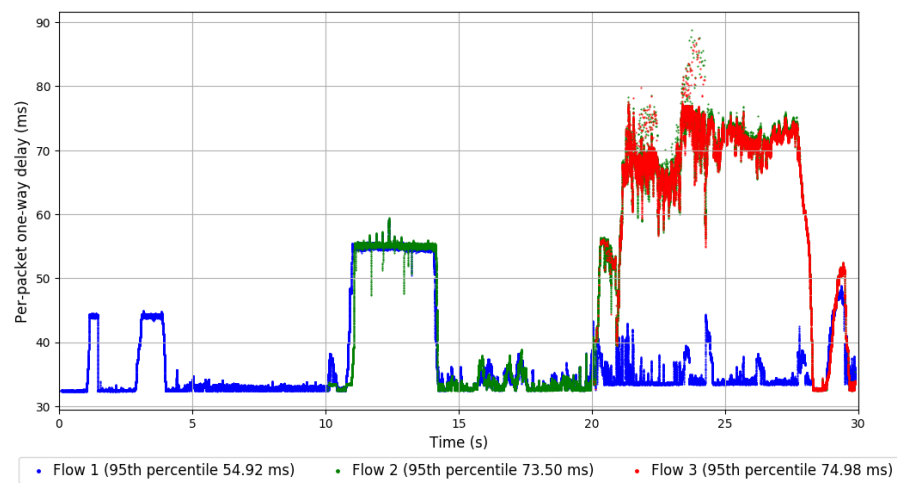
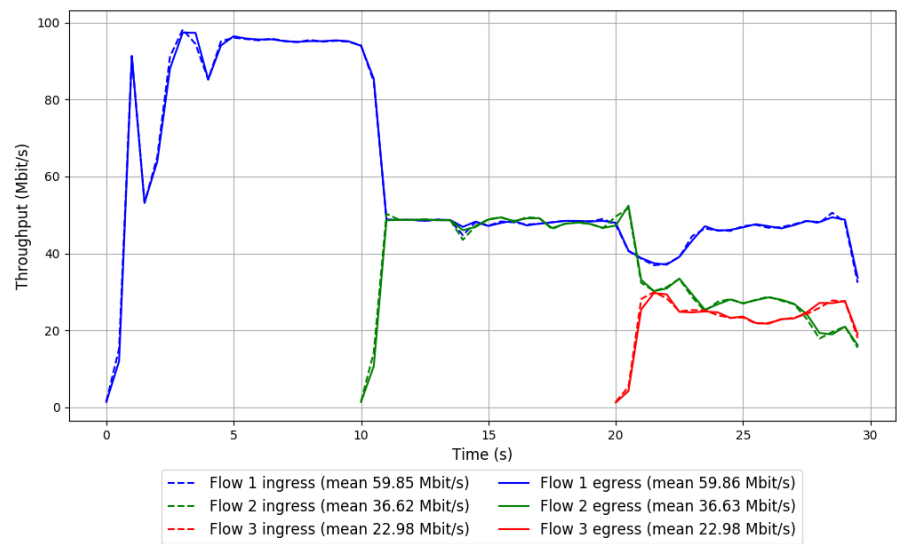


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-20 12:32:37
End at: 2018-02-20 12:33:07
Local clock offset: 0.005 ms
Remote clock offset: -24.049 ms

Below is generated by plot.py at 2018-02-20 17:34:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.76 Mbit/s
95th percentile per-packet one-way delay: 71.840 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.86 Mbit/s
95th percentile per-packet one-way delay: 54.923 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 73.496 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 22.98 Mbit/s
95th percentile per-packet one-way delay: 74.980 ms
Loss rate: 0.28%

Run 8: Report of Vivace-LTE — Data Link

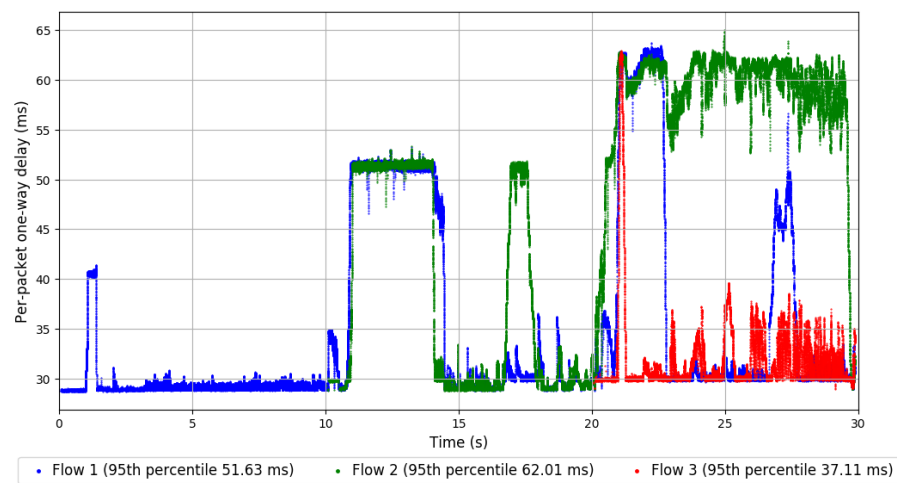
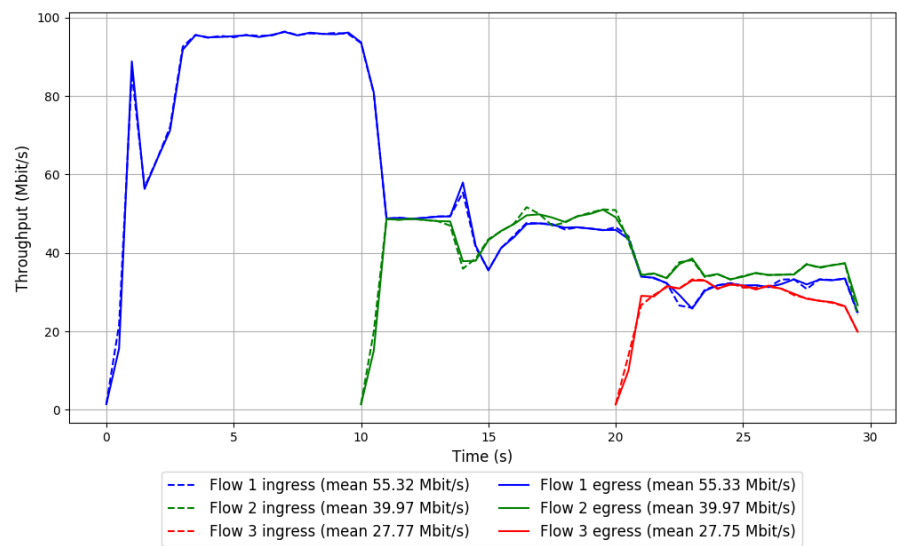


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-20 12:54:43
End at: 2018-02-20 12:55:13
Local clock offset: -4.969 ms
Remote clock offset: -19.006 ms

Below is generated by plot.py at 2018-02-20 17:34:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 61.409 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 51.626 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 39.97 Mbit/s
95th percentile per-packet one-way delay: 62.006 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 27.75 Mbit/s
95th percentile per-packet one-way delay: 37.112 ms
Loss rate: 0.28%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-20 13:16:16
End at: 2018-02-20 13:16:46
Local clock offset: -5.711 ms
Remote clock offset: -19.683 ms

Below is generated by plot.py at 2018-02-20 17:34:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 69.852 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 55.65 Mbit/s
95th percentile per-packet one-way delay: 69.008 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 50.664 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 20.45 Mbit/s
95th percentile per-packet one-way delay: 72.011 ms
Loss rate: 0.32%

Run 10: Report of Vivace-LTE — Data Link

