

Pantheon Report

Generated at 2018-02-13 21:25:20 (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).

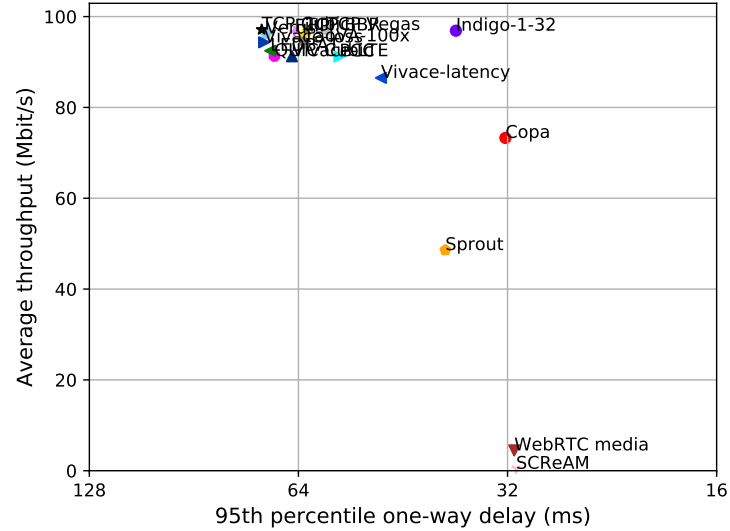
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

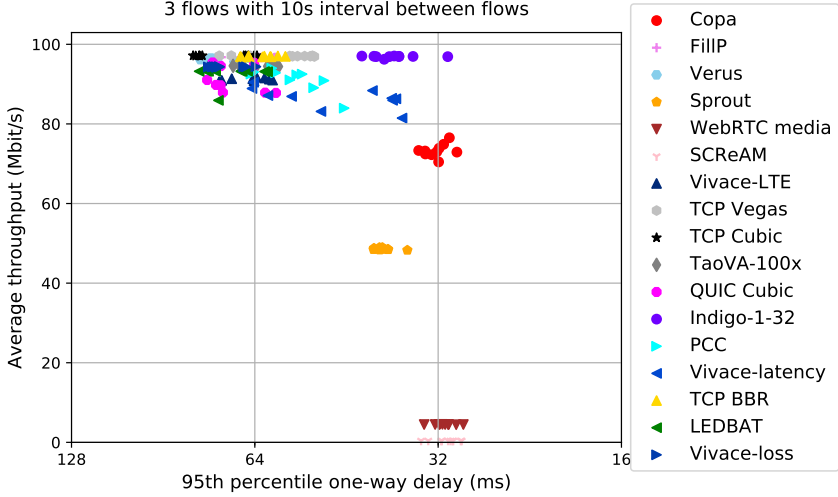
Git summary:

```
branch: master @ 2efdad57c2c56a9458b0d01ff33345e11732665
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
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



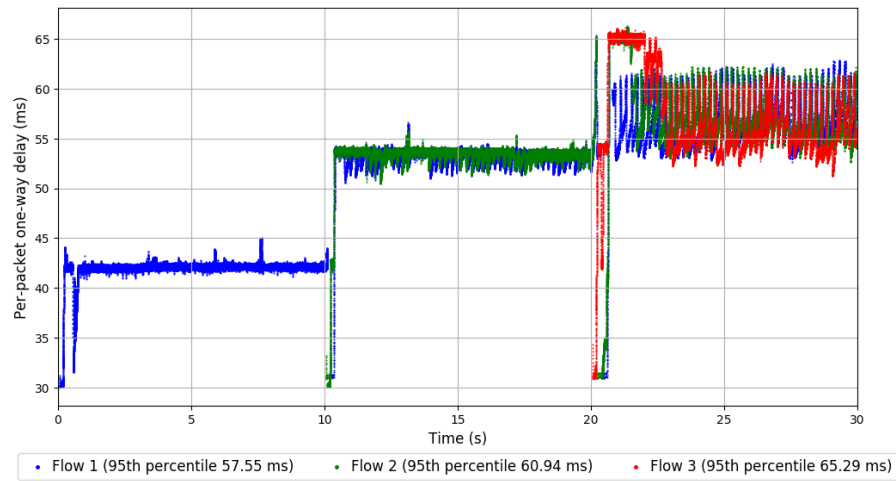
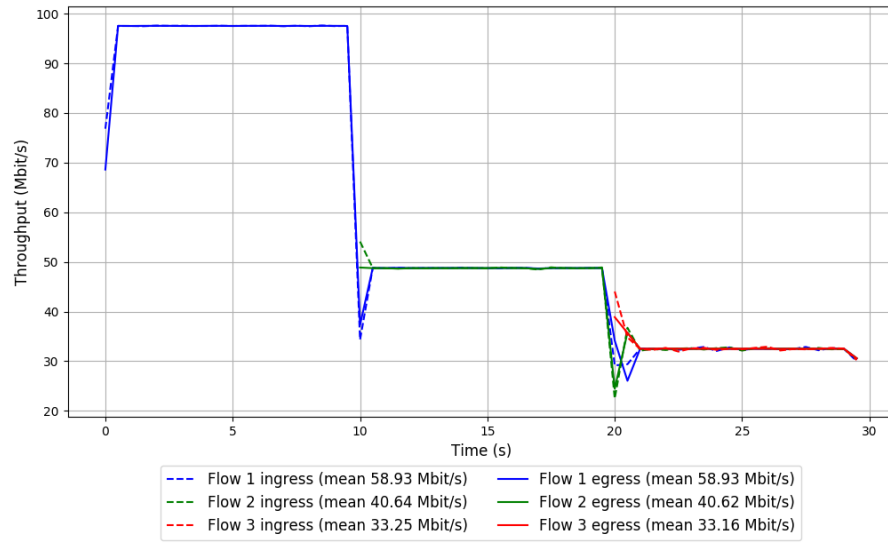
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	58.73	40.90	33.21	60.03	61.08	66.50	0.10	0.20	0.49
TCP Cubic	10	58.23	43.25	30.55	72.23	63.29	70.24	0.11	0.29	0.76
LEDBAT	10	58.63	40.10	27.28	64.17	69.28	67.99	0.12	0.26	1.18
PCC	10	62.10	36.35	15.08	54.86	53.00	53.18	0.06	0.12	0.26
QUIC Cubic	10	53.94	39.63	33.57	64.96	67.26	63.10	0.12	0.23	0.61
SCReAM	10	0.21	0.21	0.22	31.11	31.10	31.08	0.13	0.02	0.07
WebRTC media	10	2.36	1.47	0.66	31.25	31.31	31.42	0.12	0.17	0.23
Sprout	10	24.47	24.33	24.06	39.14	38.88	39.91	0.10	0.13	0.31
TaoVA-100x	10	59.11	38.58	29.46	57.47	63.34	63.54	0.09	0.23	0.56
TCP Vegas	10	61.83	39.05	32.42	55.15	51.47	57.03	0.07	0.11	0.85
Verus	10	58.29	40.14	34.20	68.54	69.40	65.10	0.08	0.24	0.62
Copa	10	40.58	34.99	28.42	31.90	32.48	33.44	0.06	0.11	0.27
FillP	9	59.85	40.38	33.49	61.64	63.65	62.19	0.10	0.20	0.68
Indigo-1-32	10	58.68	40.29	35.10	36.37	37.24	37.94	0.05	0.12	0.32
Vivace-latency	10	58.84	29.17	25.15	46.54	47.08	51.90	0.06	0.18	0.37
Vivace-loss	10	61.34	37.63	26.44	59.27	72.74	71.84	0.13	0.43	1.43
Vivace-LTE	10	57.12	37.45	28.18	63.04	63.64	61.38	0.08	0.17	0.44

Run 1: Statistics of TCP BBR

Start at: 2018-02-13 13:44:39
End at: 2018-02-13 13:45:09
Local clock offset: 2.917 ms
Remote clock offset: -13.45 ms

Below is generated by plot.py at 2018-02-13 20:57:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: 60.369 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 57.552 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.62 Mbit/s
95th percentile per-packet one-way delay: 60.935 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 65.289 ms
Loss rate: 0.50%

Run 1: Report of TCP BBR — Data Link

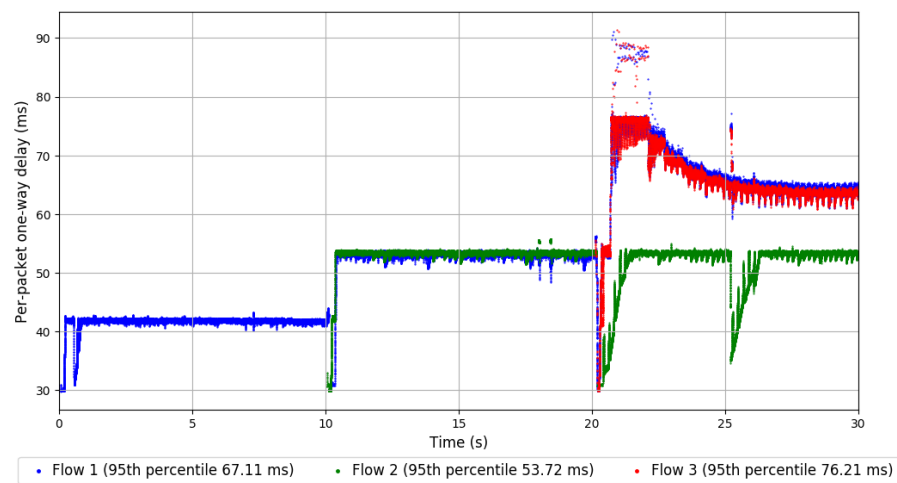
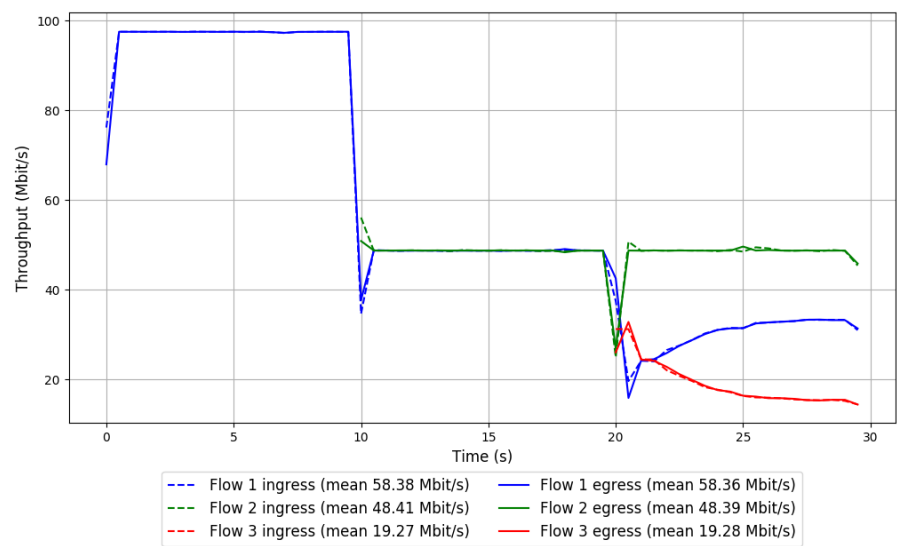


Run 2: Statistics of TCP BBR

Start at: 2018-02-13 14:06:32
End at: 2018-02-13 14:07:02
Local clock offset: 3.777 ms
Remote clock offset: -17.014 ms

Below is generated by plot.py at 2018-02-13 20:57:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: 67.607 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.36 Mbit/s
95th percentile per-packet one-way delay: 67.110 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.39 Mbit/s
95th percentile per-packet one-way delay: 53.720 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 19.28 Mbit/s
95th percentile per-packet one-way delay: 76.212 ms
Loss rate: 0.47%

Run 2: Report of TCP BBR — Data Link

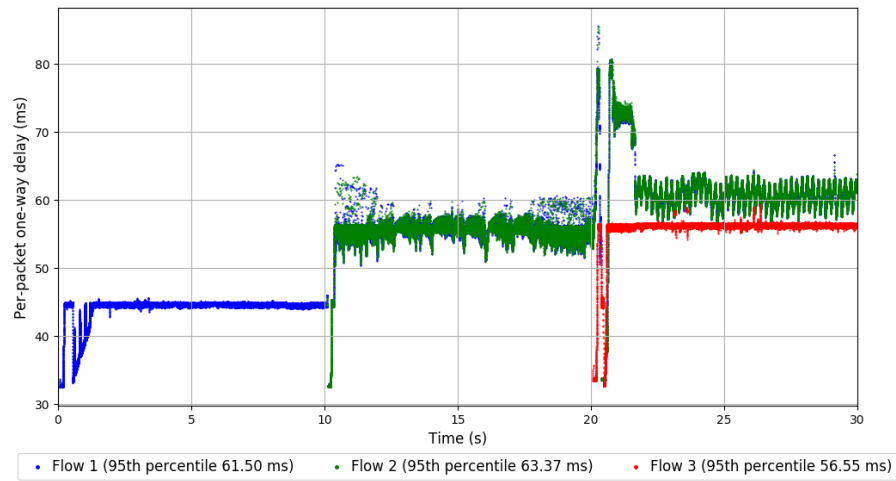
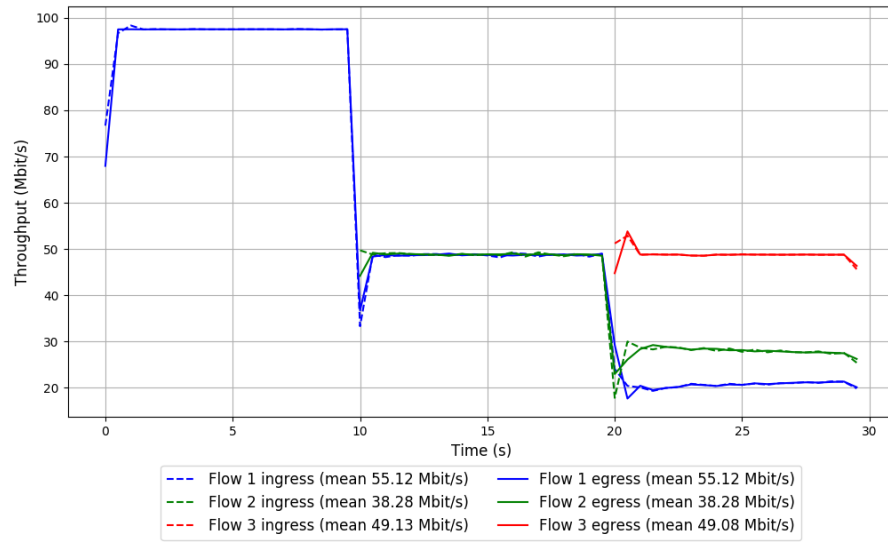


Run 3: Statistics of TCP BBR

Start at: 2018-02-13 14:28:02
End at: 2018-02-13 14:28:32
Local clock offset: 3.768 ms
Remote clock offset: -21.878 ms

Below is generated by plot.py at 2018-02-13 20:57:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 62.159 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 61.501 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 63.367 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 49.08 Mbit/s
95th percentile per-packet one-way delay: 56.545 ms
Loss rate: 0.48%

Run 3: Report of TCP BBR — Data Link

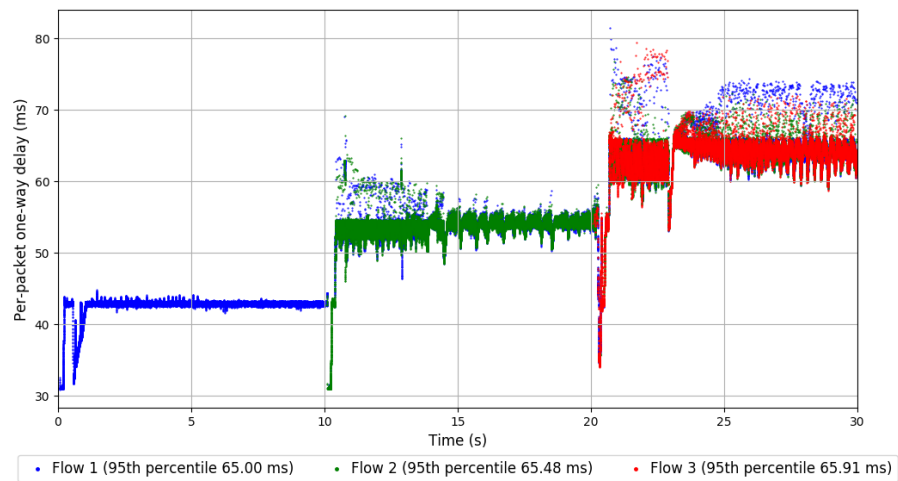
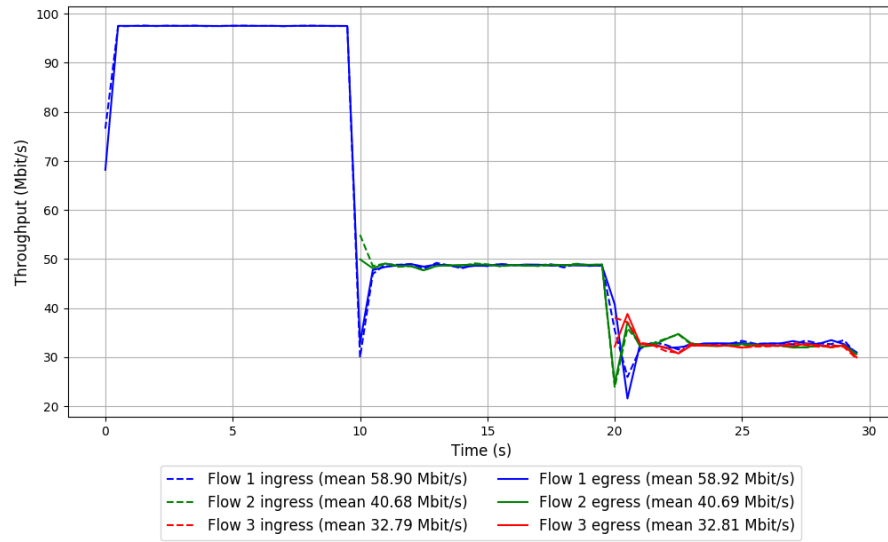


Run 4: Statistics of TCP BBR

Start at: 2018-02-13 14:49:45
End at: 2018-02-13 14:50:15
Local clock offset: 3.309 ms
Remote clock offset: -20.542 ms

Below is generated by plot.py at 2018-02-13 20:57:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 65.419 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 64.996 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 65.482 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 65.910 ms
Loss rate: 0.58%

Run 4: Report of TCP BBR — Data Link

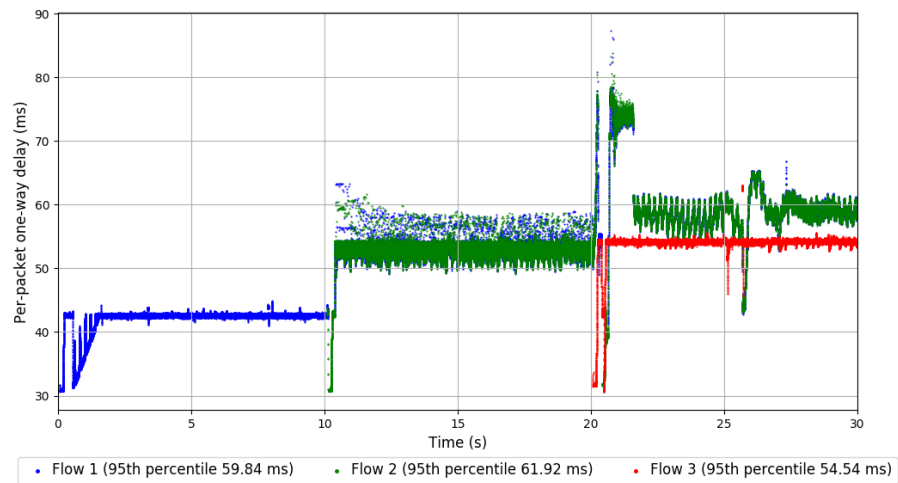
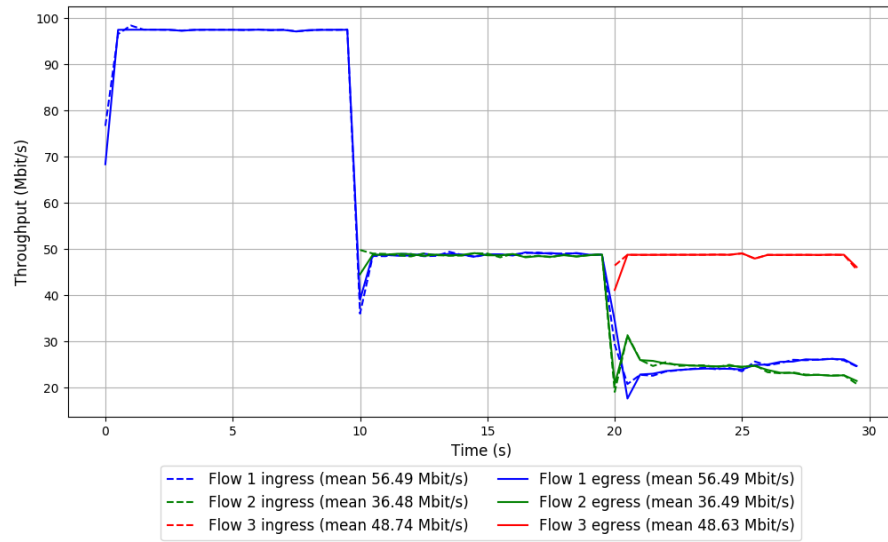


Run 5: Statistics of TCP BBR

Start at: 2018-02-13 15:11:37
End at: 2018-02-13 15:12:07
Local clock offset: 3.655 ms
Remote clock offset: -21.592 ms

Below is generated by plot.py at 2018-02-13 20:57:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 60.228 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 59.835 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 61.920 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 48.63 Mbit/s
95th percentile per-packet one-way delay: 54.537 ms
Loss rate: 0.49%

Run 5: Report of TCP BBR — Data Link

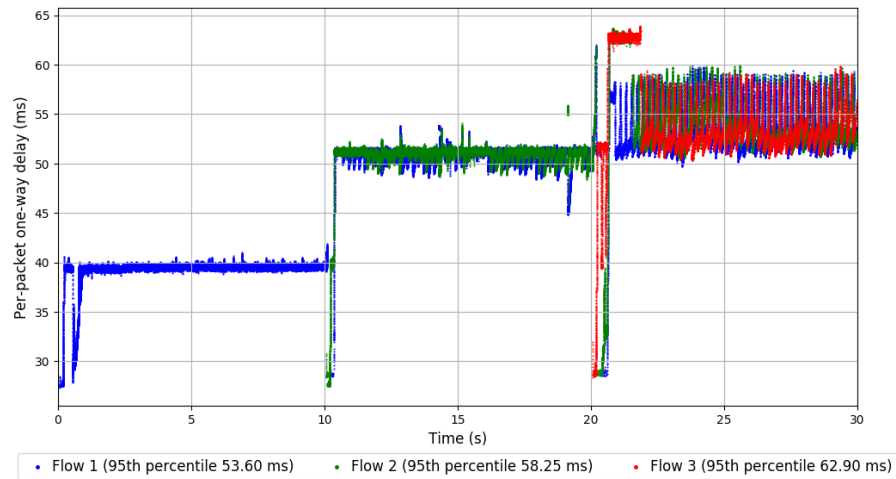
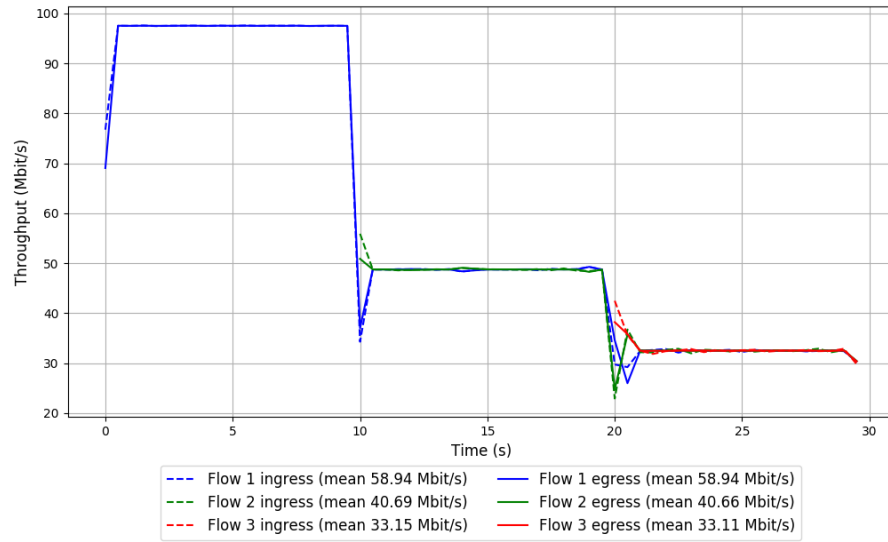


Run 6: Statistics of TCP BBR

Start at: 2018-02-13 15:33:51
End at: 2018-02-13 15:34:21
Local clock offset: 0.293 ms
Remote clock offset: -20.148 ms

Below is generated by plot.py at 2018-02-13 20:57:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 57.018 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 53.602 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 58.253 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 33.11 Mbit/s
95th percentile per-packet one-way delay: 62.902 ms
Loss rate: 0.48%

Run 6: Report of TCP BBR — Data Link

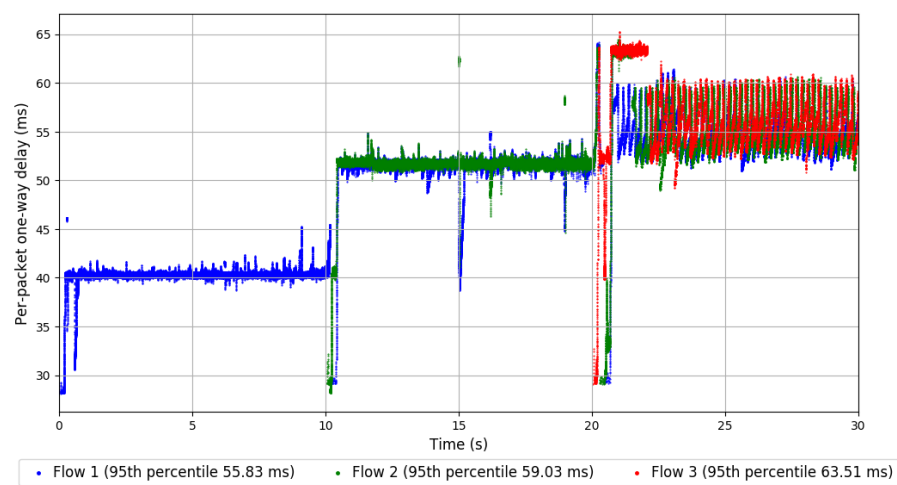
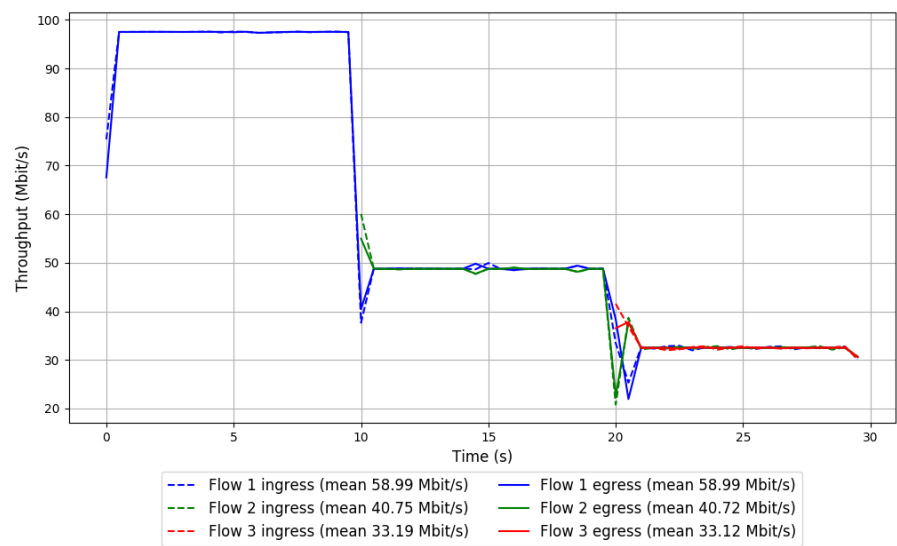


Run 7: Statistics of TCP BBR

Start at: 2018-02-13 15:55:44
End at: 2018-02-13 15:56:14
Local clock offset: 0.735 ms
Remote clock offset: -16.349 ms

Below is generated by plot.py at 2018-02-13 20:57:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 58.668 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.99 Mbit/s
95th percentile per-packet one-way delay: 55.829 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.72 Mbit/s
95th percentile per-packet one-way delay: 59.031 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 33.12 Mbit/s
95th percentile per-packet one-way delay: 63.512 ms
Loss rate: 0.50%

Run 7: Report of TCP BBR — Data Link

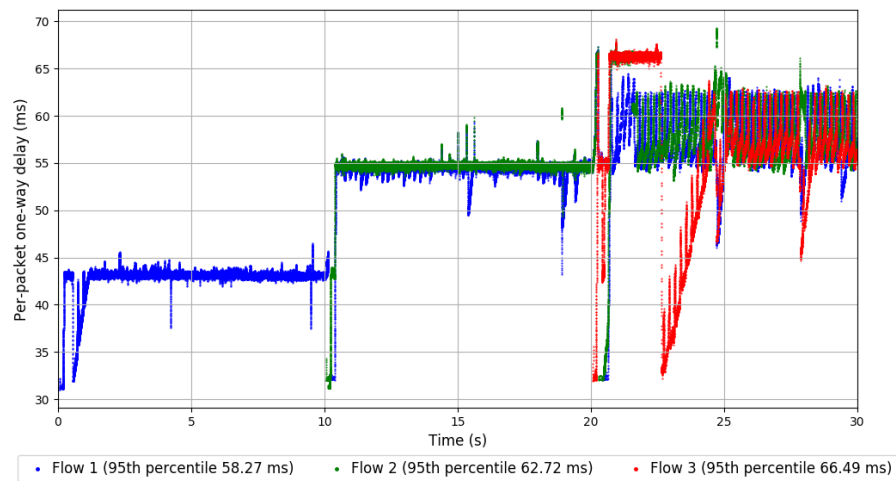
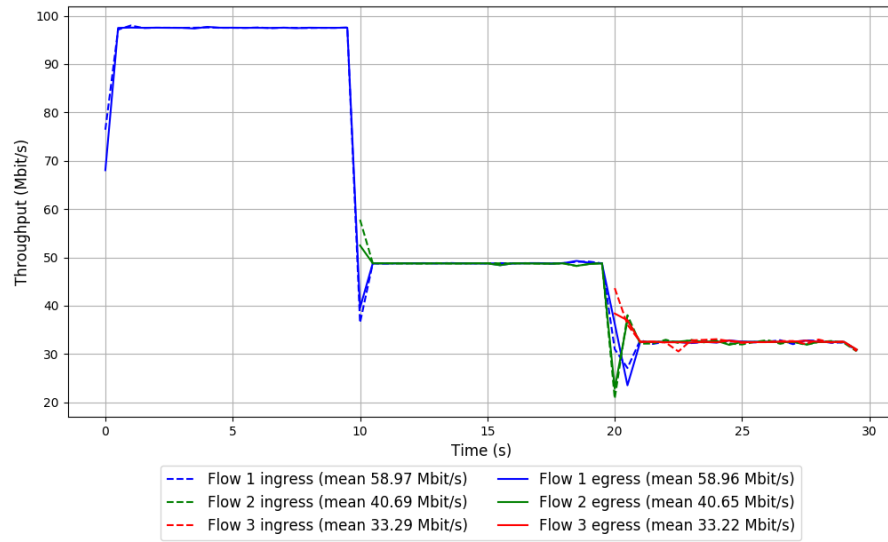


Run 8: Statistics of TCP BBR

Start at: 2018-02-13 16:18:05
End at: 2018-02-13 16:18:35
Local clock offset: 3.369 ms
Remote clock offset: -16.212 ms

Below is generated by plot.py at 2018-02-13 20:57:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 61.738 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.96 Mbit/s
95th percentile per-packet one-way delay: 58.270 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 62.722 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 66.489 ms
Loss rate: 0.50%

Run 8: Report of TCP BBR — Data Link

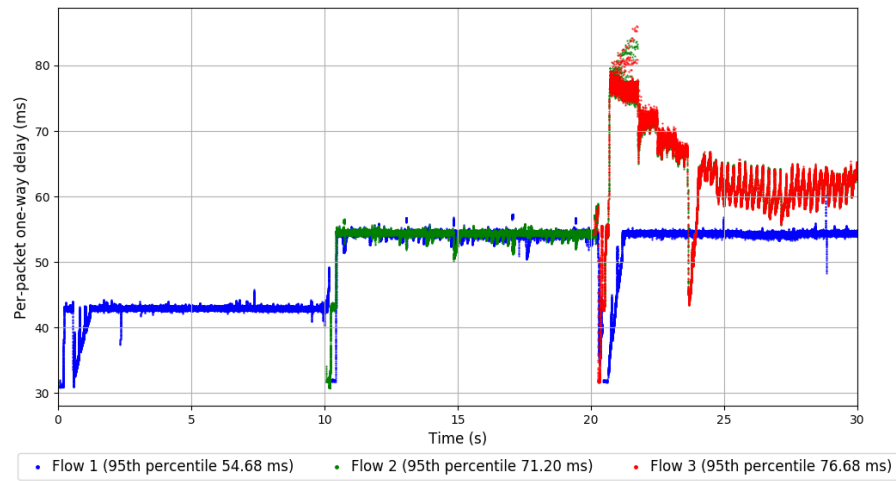
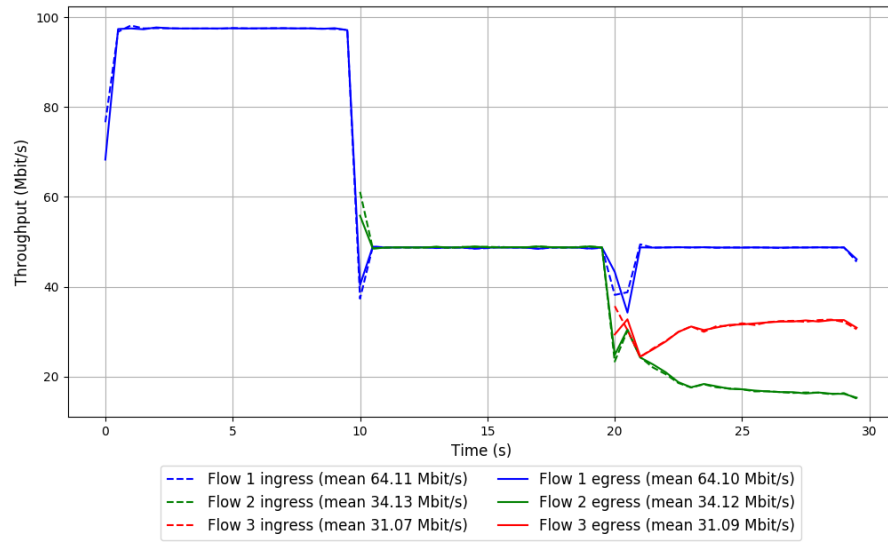


Run 9: Statistics of TCP BBR

Start at: 2018-02-13 16:40:32
End at: 2018-02-13 16:41:02
Local clock offset: 2.113 ms
Remote clock offset: -19.365 ms

Below is generated by plot.py at 2018-02-13 20:59:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 65.547 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.10 Mbit/s
95th percentile per-packet one-way delay: 54.676 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.12 Mbit/s
95th percentile per-packet one-way delay: 71.203 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 76.682 ms
Loss rate: 0.55%

Run 9: Report of TCP BBR — Data Link

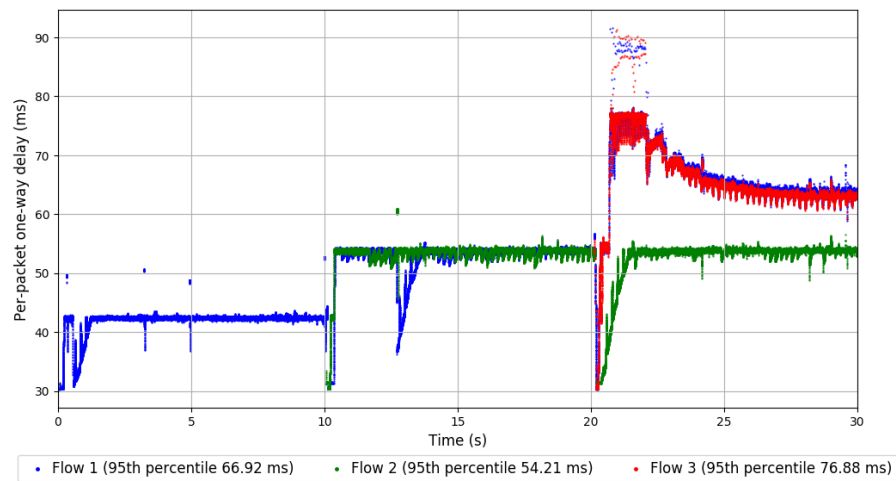
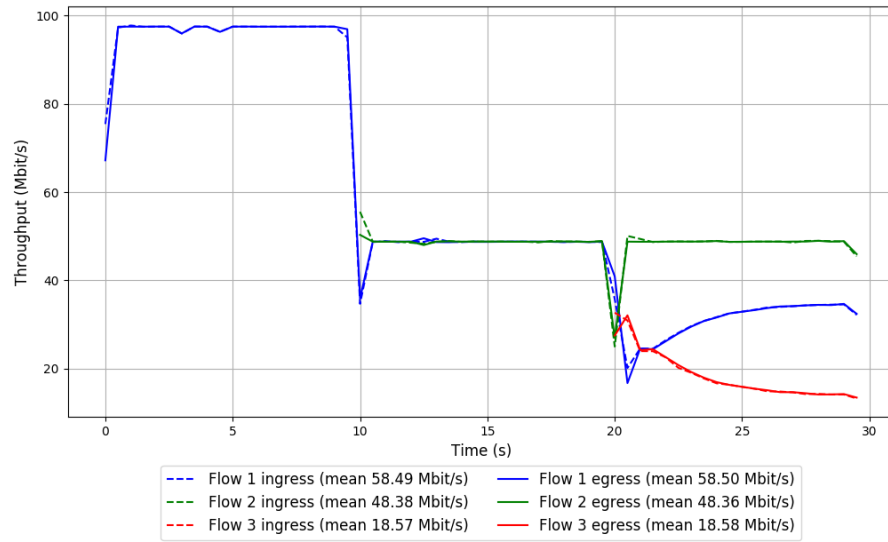


Run 10: Statistics of TCP BBR

Start at: 2018-02-13 17:02:32
End at: 2018-02-13 17:03:02
Local clock offset: 0.475 ms
Remote clock offset: -23.265 ms

Below is generated by plot.py at 2018-02-13 20:59:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 67.397 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 66.925 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 54.214 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 18.58 Mbit/s
95th percentile per-packet one-way delay: 76.876 ms
Loss rate: 0.40%

Run 10: Report of TCP BBR — Data Link

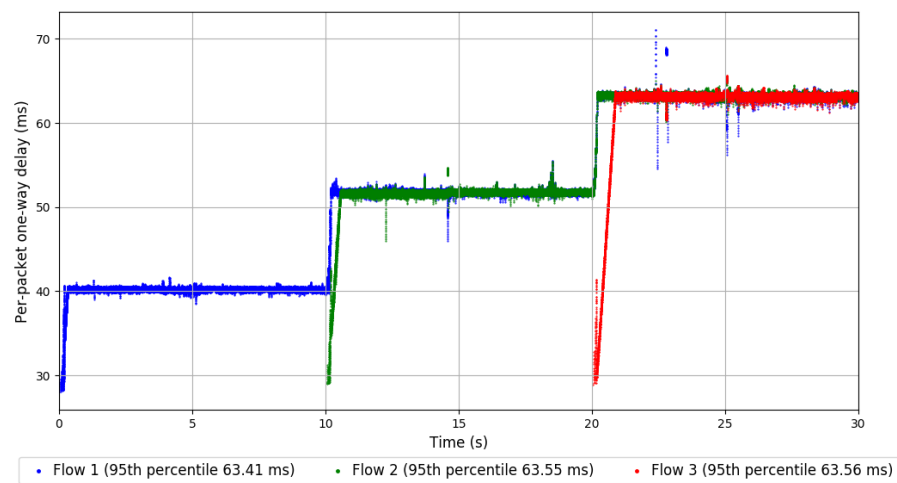
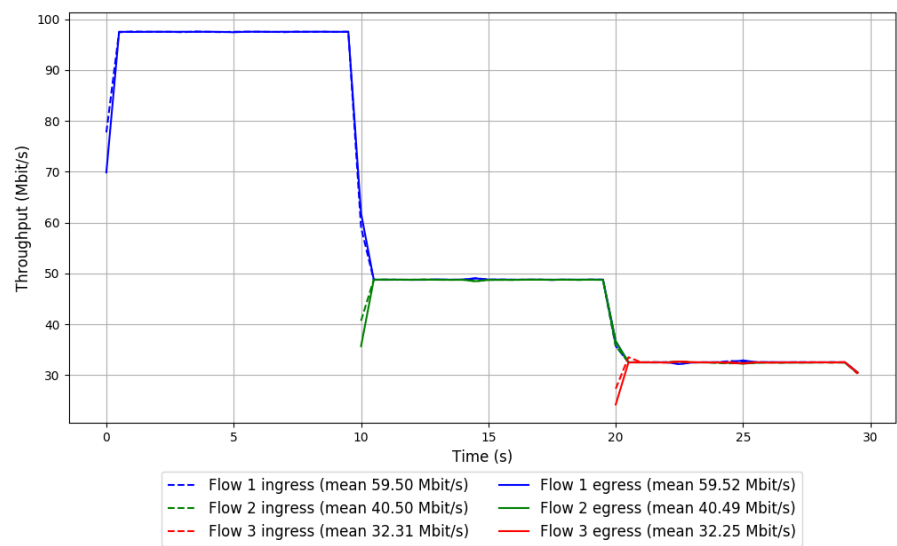


Run 1: Statistics of TCP Cubic

Start at: 2018-02-13 13:47:03
End at: 2018-02-13 13:47:33
Local clock offset: 1.943 ms
Remote clock offset: -13.319 ms

Below is generated by plot.py at 2018-02-13 20:59:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 63.484 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.52 Mbit/s
95th percentile per-packet one-way delay: 63.405 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 63.545 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 63.564 ms
Loss rate: 0.60%

Run 1: Report of TCP Cubic — Data Link

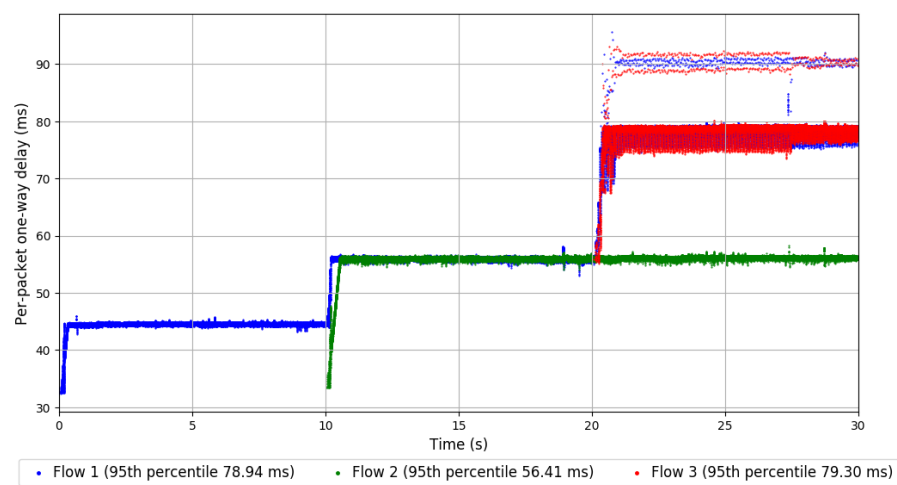
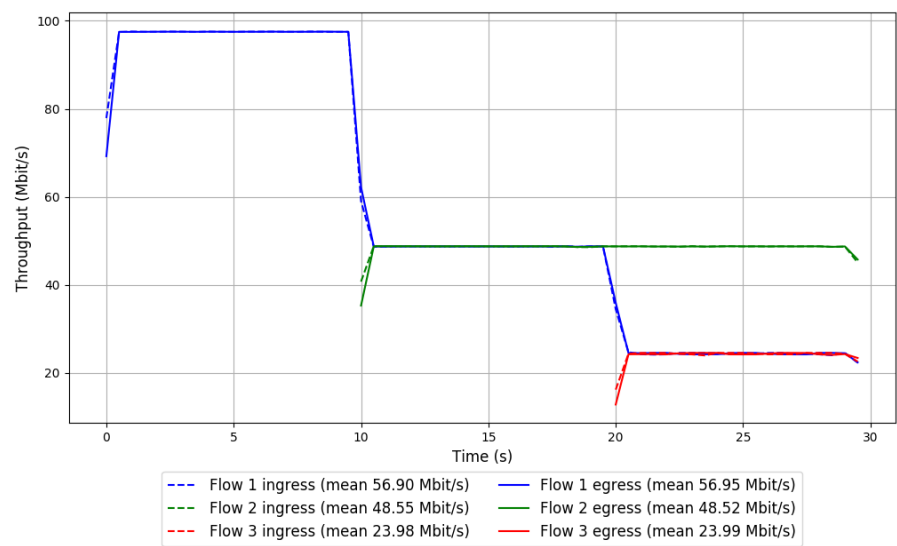


Run 2: Statistics of TCP Cubic

Start at: 2018-02-13 14:08:54
End at: 2018-02-13 14:09:24
Local clock offset: 6.496 ms
Remote clock offset: -17.121 ms

Below is generated by plot.py at 2018-02-13 20:59:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 78.998 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.95 Mbit/s
95th percentile per-packet one-way delay: 78.944 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.52 Mbit/s
95th percentile per-packet one-way delay: 56.409 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 79.297 ms
Loss rate: 0.72%

Run 2: Report of TCP Cubic — Data Link

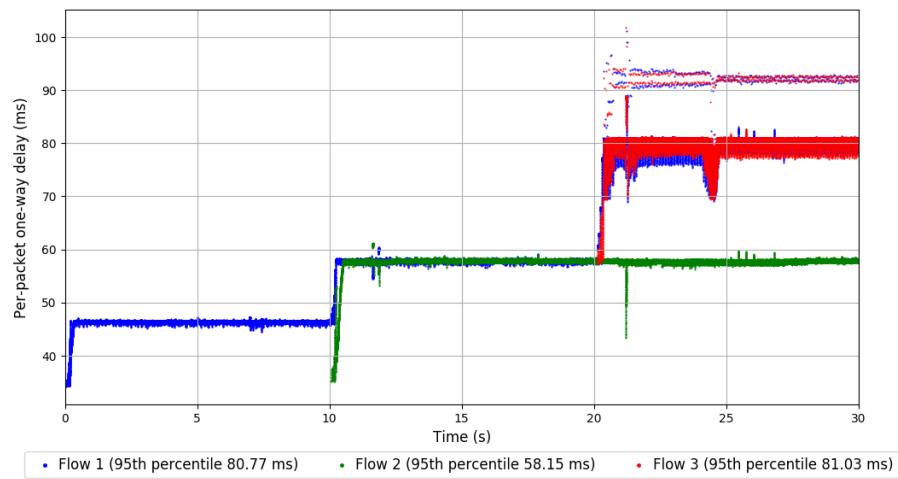
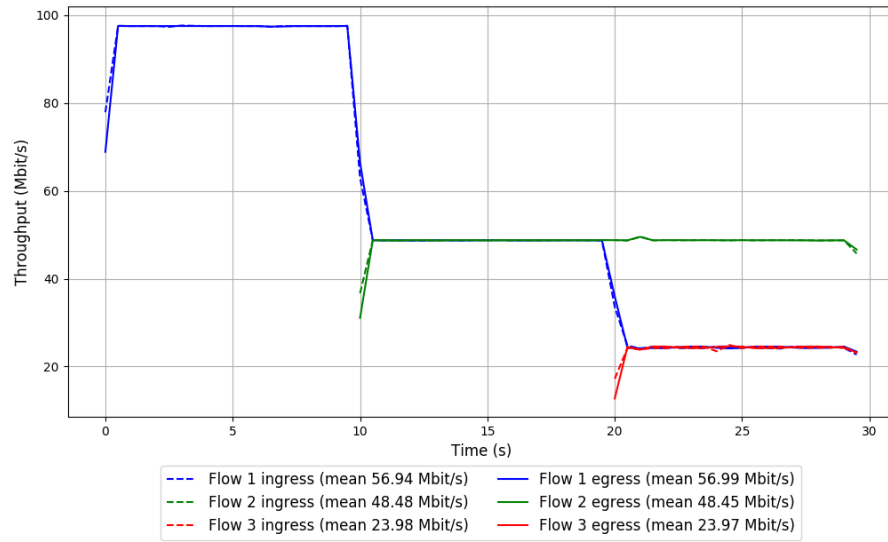


Run 3: Statistics of TCP Cubic

Start at: 2018-02-13 14:30:23
End at: 2018-02-13 14:30:53
Local clock offset: 5.519 ms
Remote clock offset: -21.697 ms

Below is generated by plot.py at 2018-02-13 20:59:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 80.815 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 80.771 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 58.154 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 81.035 ms
Loss rate: 0.75%

Run 3: Report of TCP Cubic — Data Link

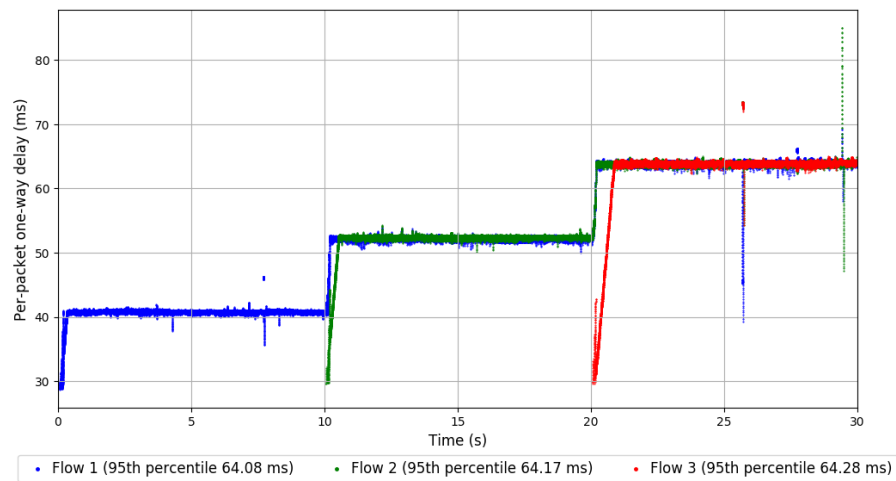
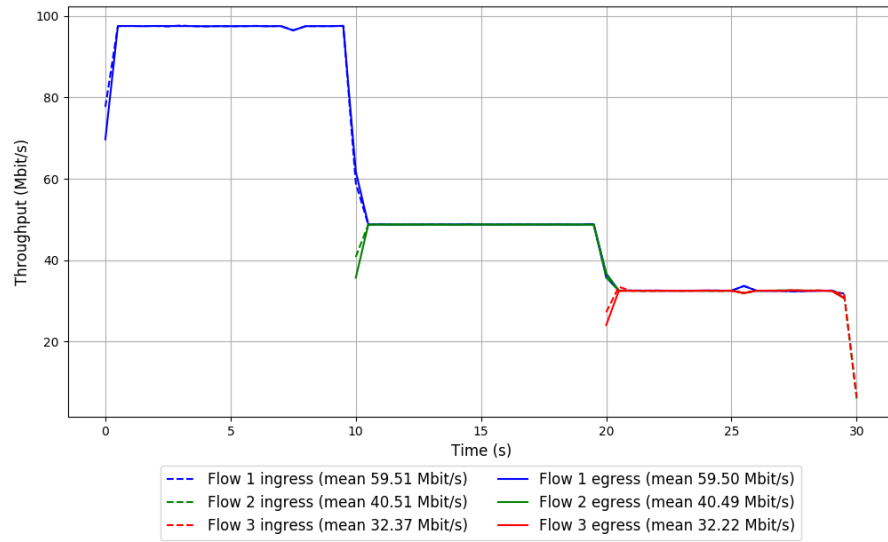


Run 4: Statistics of TCP Cubic

Start at: 2018-02-13 14:52:13
End at: 2018-02-13 14:52:43
Local clock offset: 1.904 ms
Remote clock offset: -19.994 ms

Below is generated by plot.py at 2018-02-13 20:59:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 64.163 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 64.079 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 64.173 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 64.285 ms
Loss rate: 1.75%

Run 4: Report of TCP Cubic — Data Link

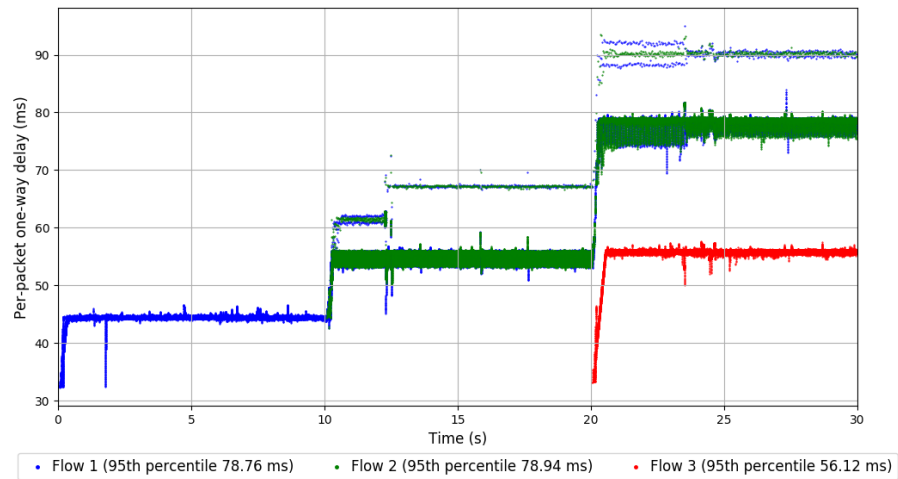
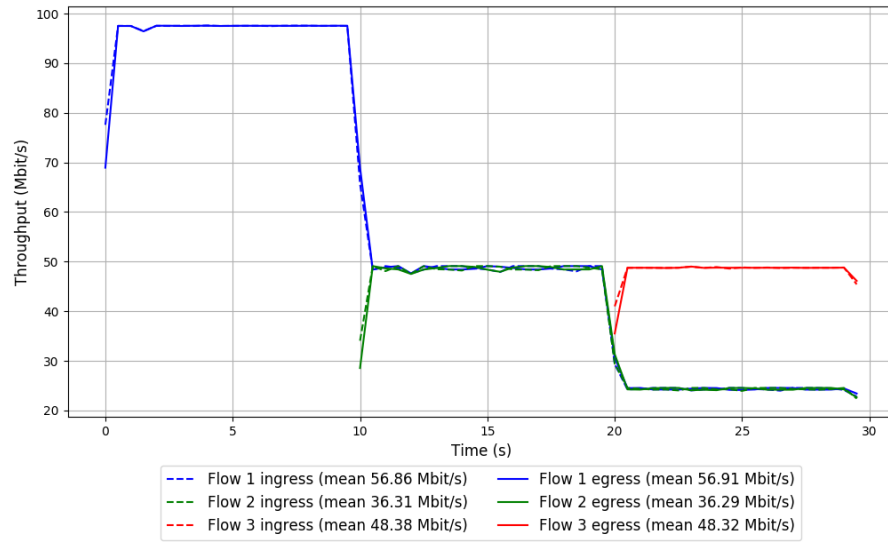


Run 5: Statistics of TCP Cubic

Start at: 2018-02-13 15:14:06
End at: 2018-02-13 15:14:36
Local clock offset: 4.595 ms
Remote clock offset: -22.598 ms

Below is generated by plot.py at 2018-02-13 20:59:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 78.797 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.91 Mbit/s
95th percentile per-packet one-way delay: 78.758 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 78.937 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 48.32 Mbit/s
95th percentile per-packet one-way delay: 56.120 ms
Loss rate: 0.49%

Run 5: Report of TCP Cubic — Data Link

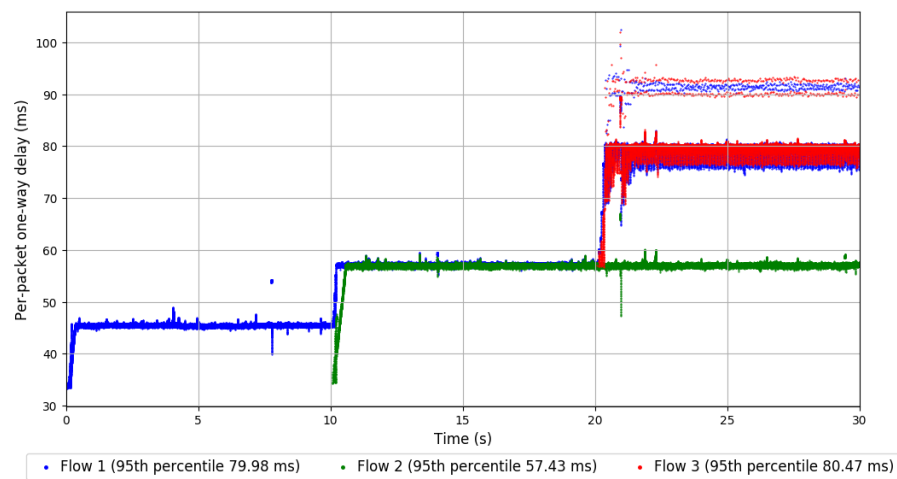
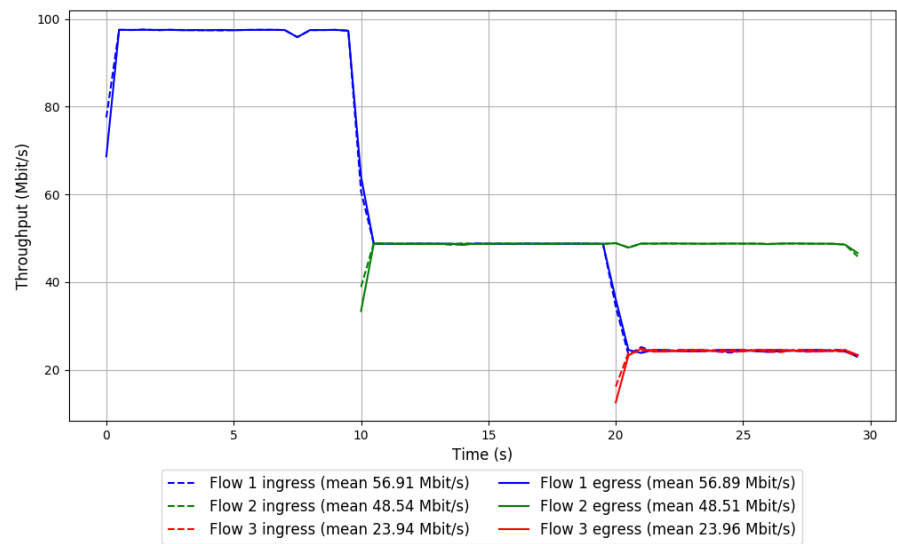


Run 6: Statistics of TCP Cubic

Start at: 2018-02-13 15:36:15
End at: 2018-02-13 15:36:45
Local clock offset: 4.242 ms
Remote clock offset: -21.137 ms

Below is generated by plot.py at 2018-02-13 20:59:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 80.031 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.89 Mbit/s
95th percentile per-packet one-way delay: 79.977 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 57.428 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 80.466 ms
Loss rate: 0.72%

Run 6: Report of TCP Cubic — Data Link

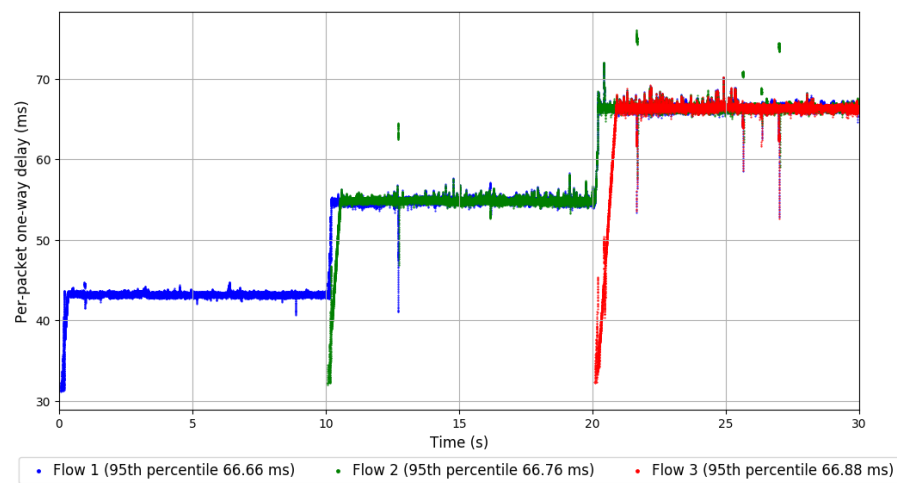
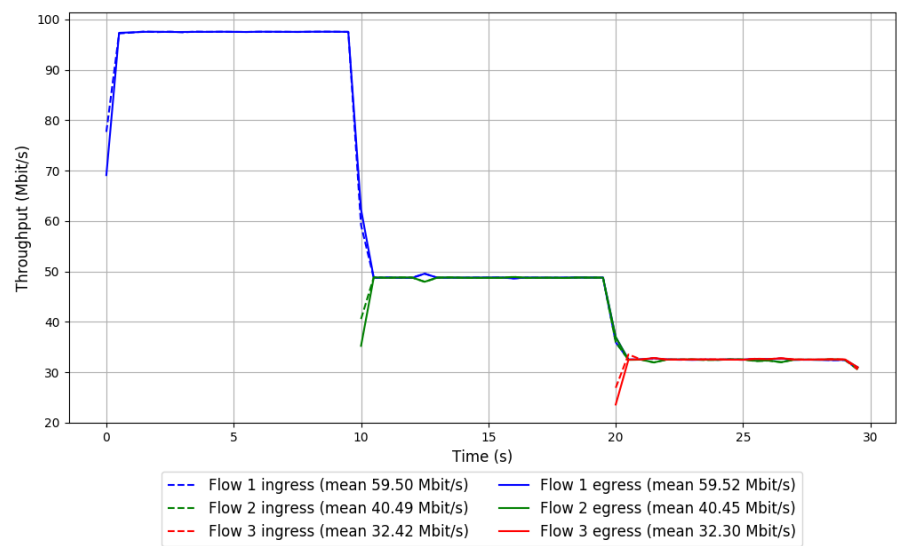


Run 7: Statistics of TCP Cubic

Start at: 2018-02-13 15:58:11
End at: 2018-02-13 15:58:41
Local clock offset: 2.988 ms
Remote clock offset: -17.024 ms

Below is generated by plot.py at 2018-02-13 21:00:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 66.741 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.52 Mbit/s
95th percentile per-packet one-way delay: 66.659 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 66.764 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 66.876 ms
Loss rate: 0.61%

Run 7: Report of TCP Cubic — Data Link

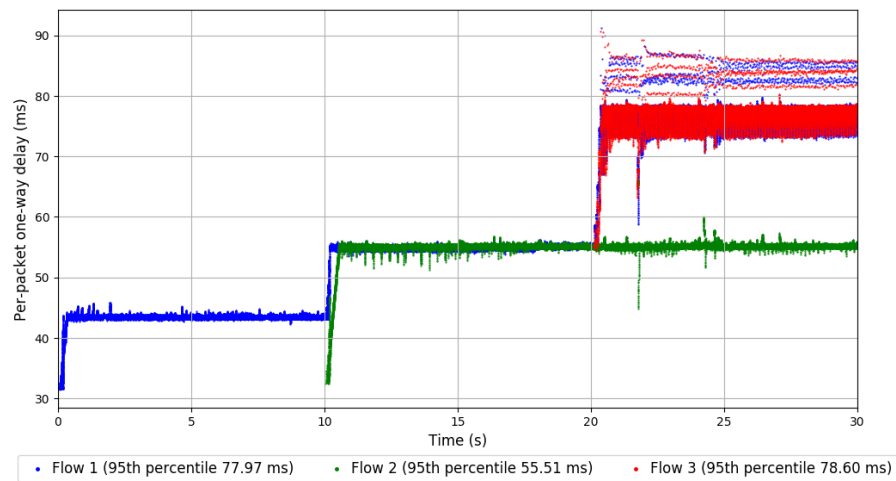
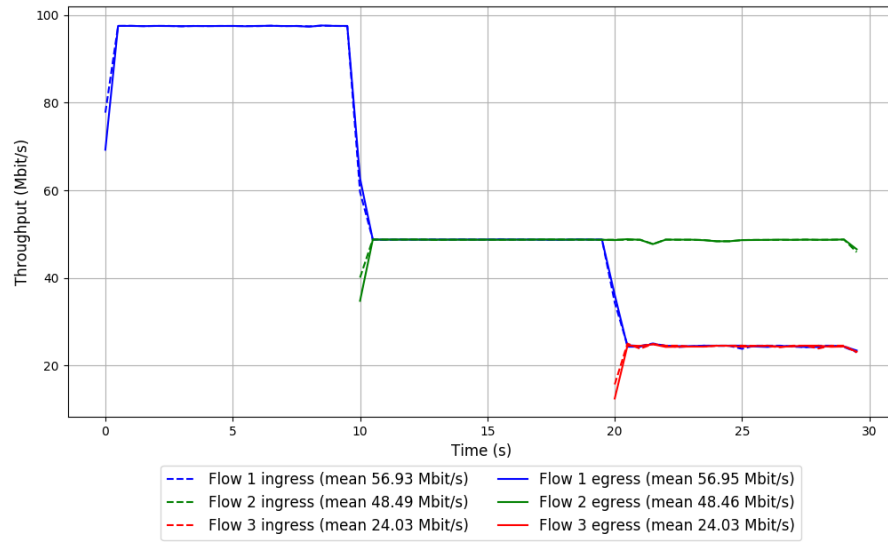


Run 8: Statistics of TCP Cubic

Start at: 2018-02-13 16:20:37
End at: 2018-02-13 16:21:07
Local clock offset: 4.492 ms
Remote clock offset: -15.314 ms

Below is generated by plot.py at 2018-02-13 21:00:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 78.047 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.95 Mbit/s
95th percentile per-packet one-way delay: 77.968 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 55.505 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 78.597 ms
Loss rate: 0.76%

Run 8: Report of TCP Cubic — Data Link

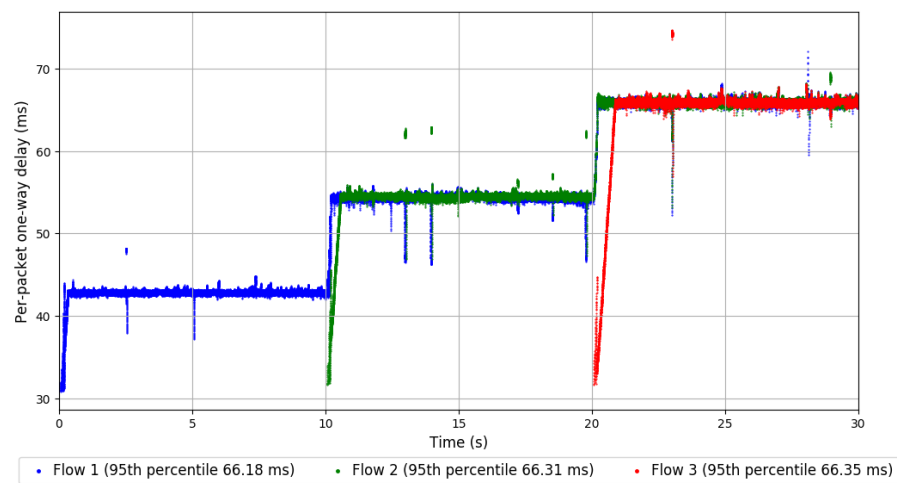
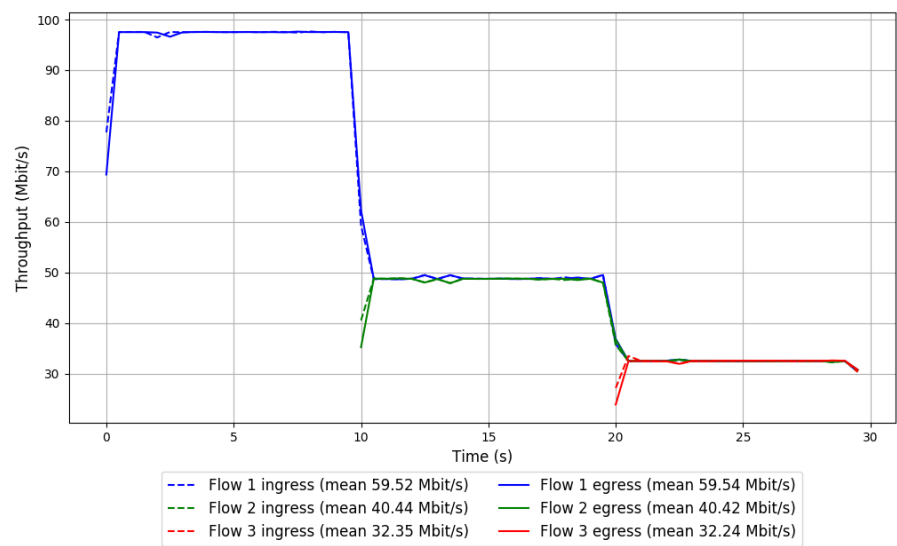


Run 9: Statistics of TCP Cubic

Start at: 2018-02-13 16:43:01
End at: 2018-02-13 16:43:31
Local clock offset: 3.503 ms
Remote clock offset: -18.746 ms

Below is generated by plot.py at 2018-02-13 21:00:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 66.254 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.54 Mbit/s
95th percentile per-packet one-way delay: 66.182 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 66.308 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 66.354 ms
Loss rate: 0.60%

Run 9: Report of TCP Cubic — Data Link

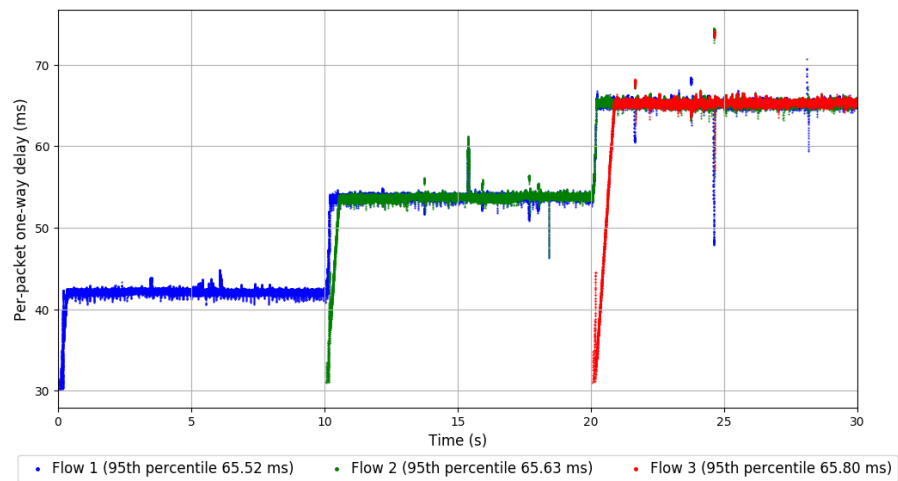
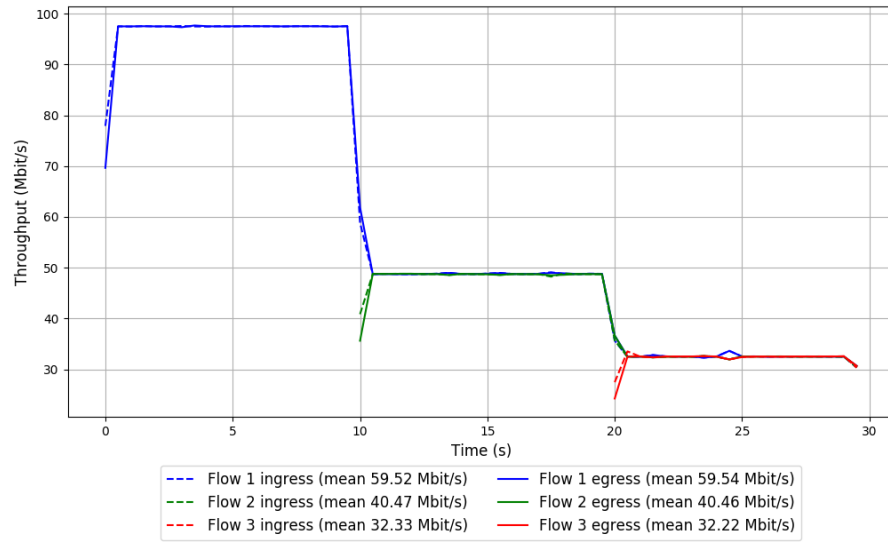


Run 10: Statistics of TCP Cubic

Start at: 2018-02-13 17:05:02
End at: 2018-02-13 17:05:32
Local clock offset: 1.283 ms
Remote clock offset: -22.709 ms

Below is generated by plot.py at 2018-02-13 21:00:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 65.614 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.54 Mbit/s
95th percentile per-packet one-way delay: 65.519 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 65.629 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 65.802 ms
Loss rate: 0.61%

Run 10: Report of TCP Cubic — Data Link

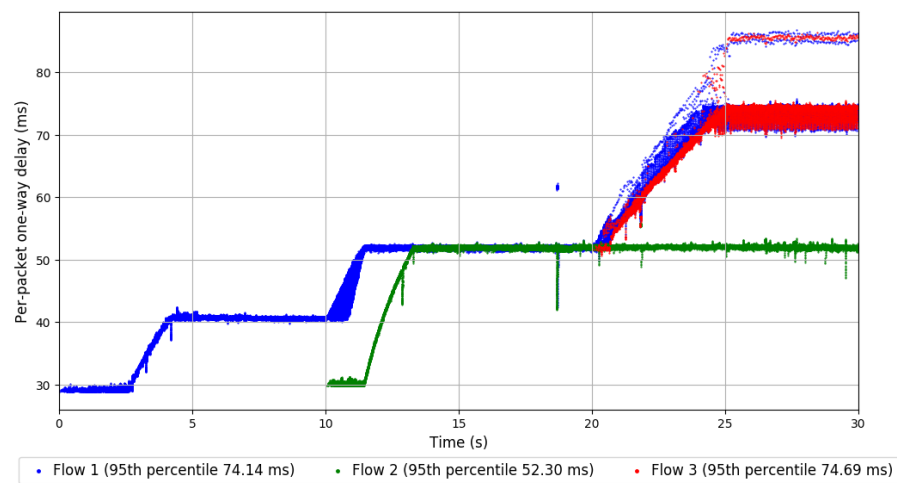
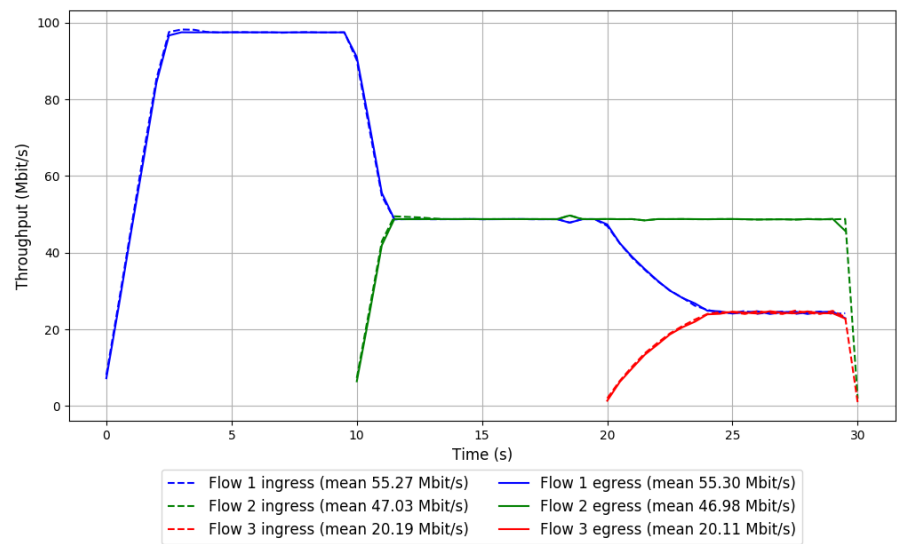


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-13 13:33:50
End at: 2018-02-13 13:34:20
Local clock offset: 1.268 ms
Remote clock offset: -14.145 ms

# Below is generated by plot.py at 2018-02-13 21:00:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 74.238 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 55.30 Mbit/s
95th percentile per-packet one-way delay: 74.142 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 46.98 Mbit/s
95th percentile per-packet one-way delay: 52.299 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 20.11 Mbit/s
95th percentile per-packet one-way delay: 74.691 ms
Loss rate: 1.30%
```


Run 1: Report of LEDBAT — Data Link

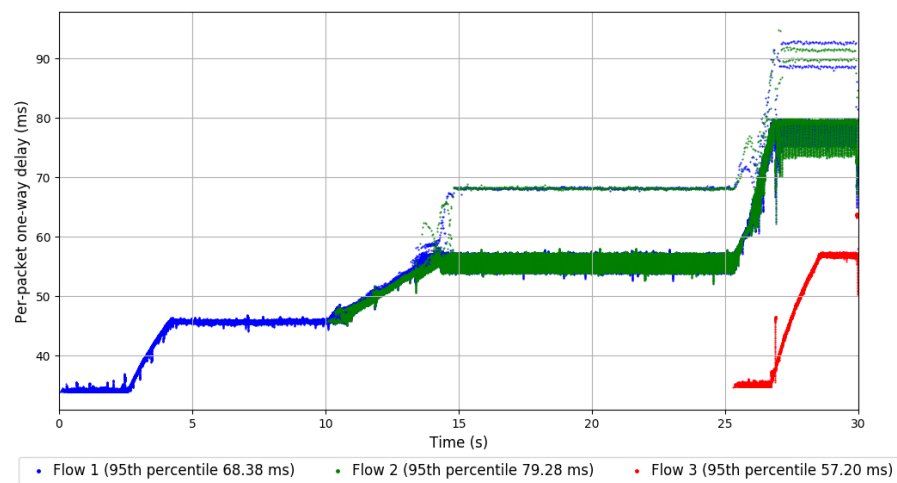
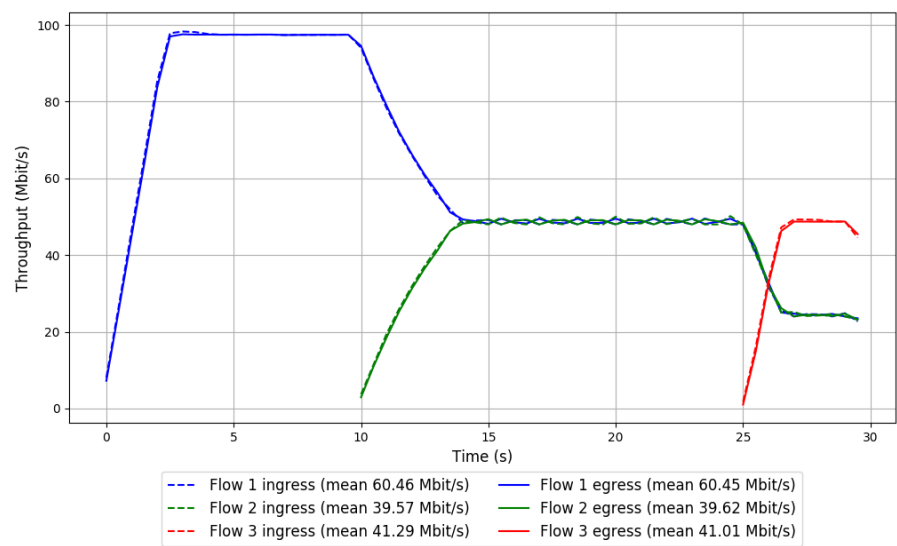


Run 2: Statistics of LEDBAT

Start at: 2018-02-13 13:55:41
End at: 2018-02-13 13:56:11
Local clock offset: 6.495 ms
Remote clock offset: -17.102 ms

Below is generated by plot.py at 2018-02-13 21:00:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 76.268 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 60.45 Mbit/s
95th percentile per-packet one-way delay: 68.378 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.62 Mbit/s
95th percentile per-packet one-way delay: 79.283 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 57.197 ms
Loss rate: 1.20%

Run 2: Report of LEDBAT — Data Link

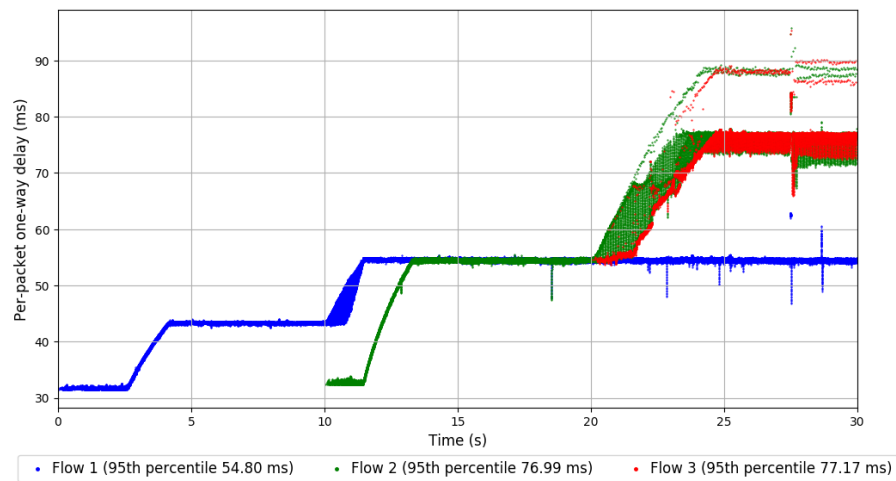
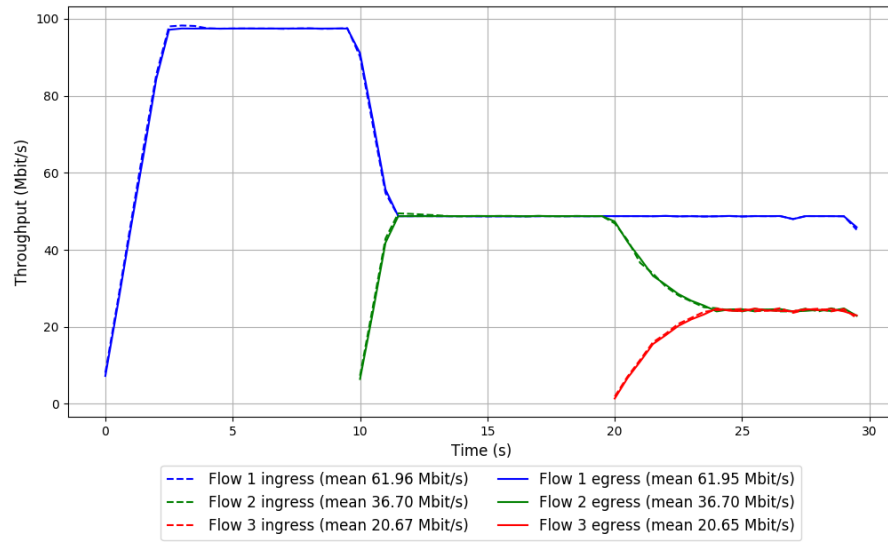


Run 3: Statistics of LEDBAT

Start at: 2018-02-13 14:17:20
End at: 2018-02-13 14:17:50
Local clock offset: 5.469 ms
Remote clock offset: -17.402 ms

Below is generated by plot.py at 2018-02-13 21:00:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 76.757 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 61.95 Mbit/s
95th percentile per-packet one-way delay: 54.798 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.70 Mbit/s
95th percentile per-packet one-way delay: 76.987 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 20.65 Mbit/s
95th percentile per-packet one-way delay: 77.171 ms
Loss rate: 0.79%

Run 3: Report of LEDBAT — Data Link

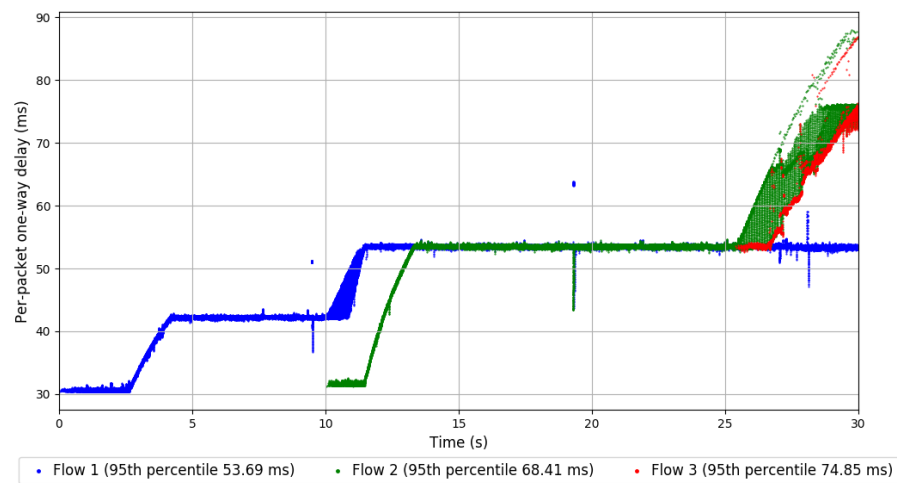
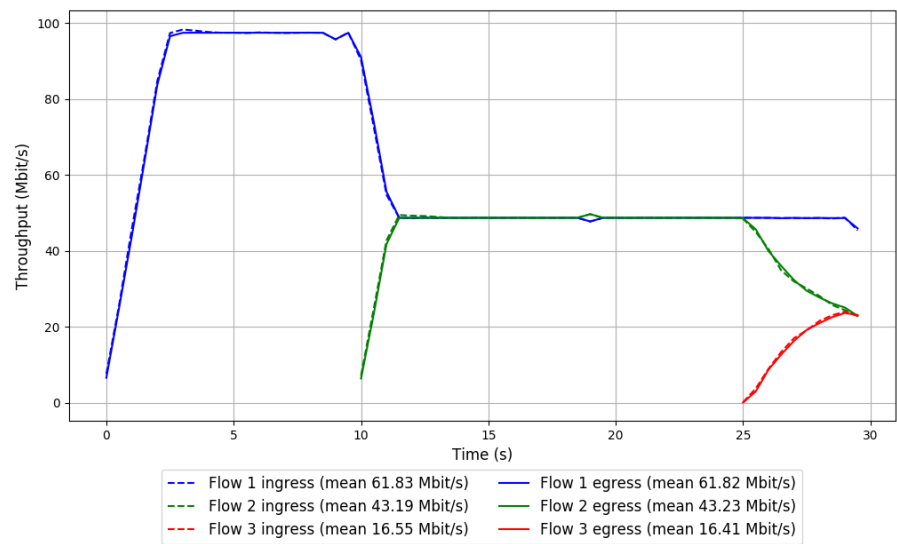


Run 4: Statistics of LEDBAT

Start at: 2018-02-13 14:38:59
End at: 2018-02-13 14:39:29
Local clock offset: 1.371 ms
Remote clock offset: -21.664 ms

Below is generated by plot.py at 2018-02-13 21:00:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 60.987 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 61.82 Mbit/s
95th percentile per-packet one-way delay: 53.690 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 43.23 Mbit/s
95th percentile per-packet one-way delay: 68.409 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 74.852 ms
Loss rate: 2.31%

Run 4: Report of LEDBAT — Data Link

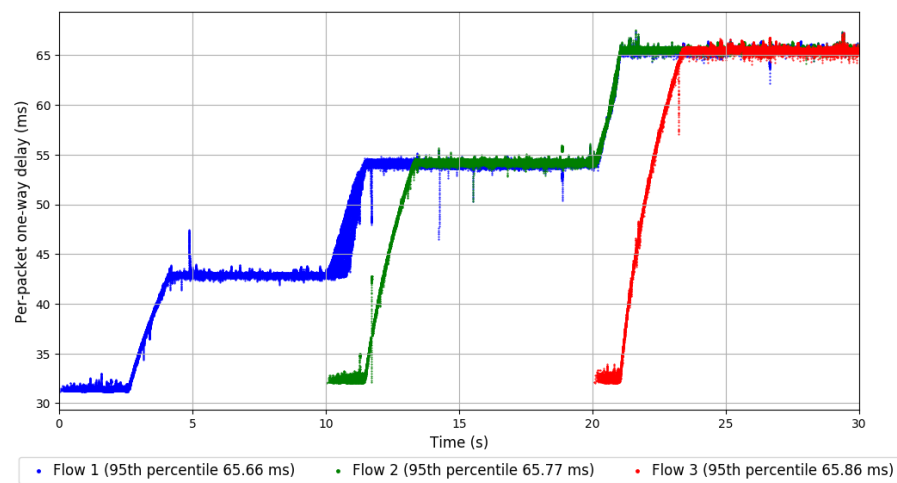
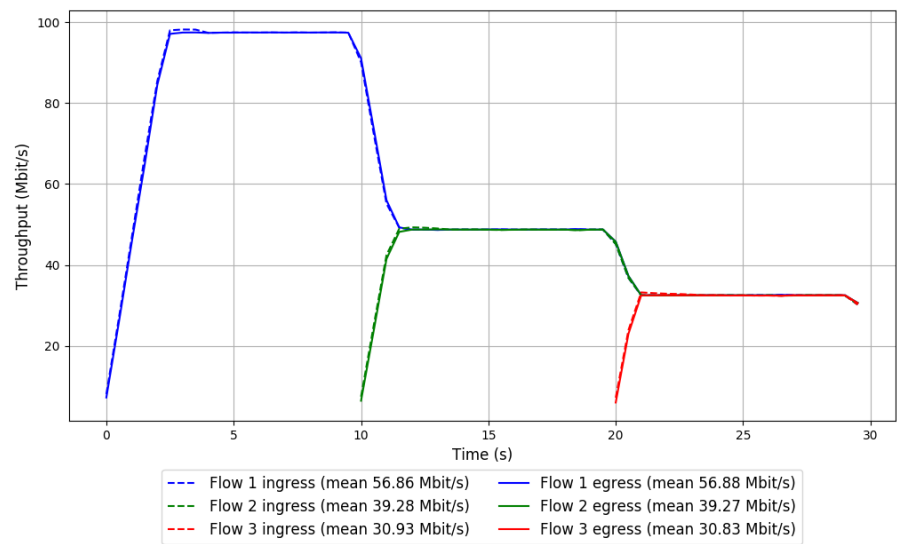


Run 5: Statistics of LEDBAT

Start at: 2018-02-13 15:00:43
End at: 2018-02-13 15:01:13
Local clock offset: 2.568 ms
Remote clock offset: -21.739 ms

Below is generated by plot.py at 2018-02-13 21:02:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 65.736 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 65.657 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 65.766 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 65.858 ms
Loss rate: 0.63%

Run 5: Report of LEDBAT — Data Link

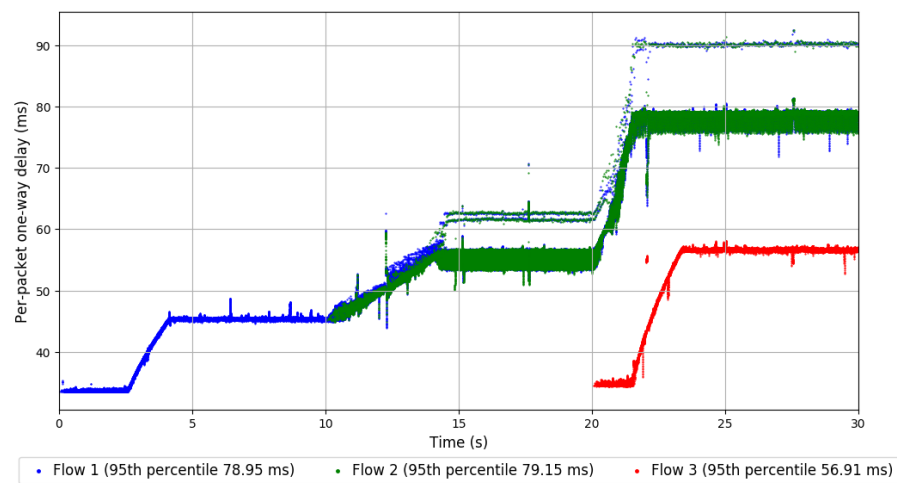
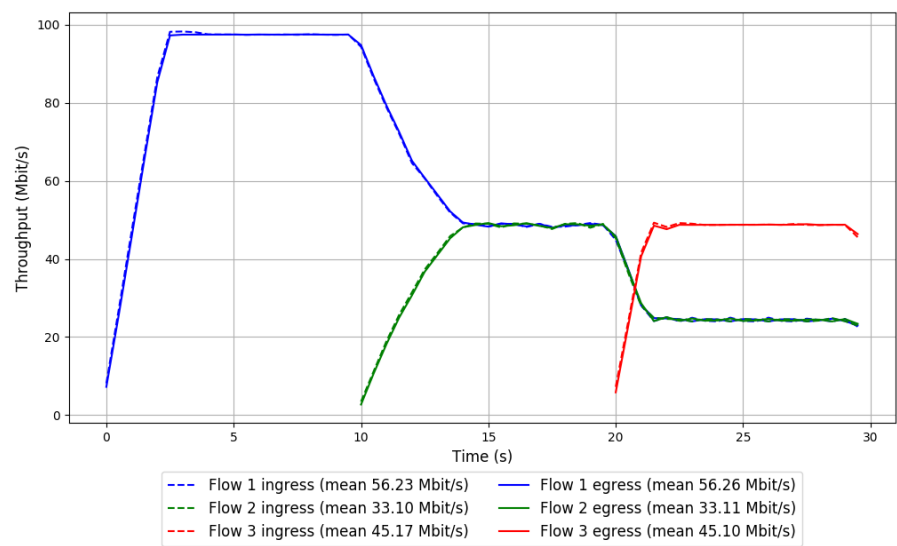


Run 6: Statistics of LEDBAT

Start at: 2018-02-13 15:22:49
End at: 2018-02-13 15:23:19
Local clock offset: 5.612 ms
Remote clock offset: -23.142 ms

Below is generated by plot.py at 2018-02-13 21:02:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 79.004 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 78.953 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 33.11 Mbit/s
95th percentile per-packet one-way delay: 79.151 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 45.10 Mbit/s
95th percentile per-packet one-way delay: 56.915 ms
Loss rate: 0.52%

Run 6: Report of LEDBAT — Data Link

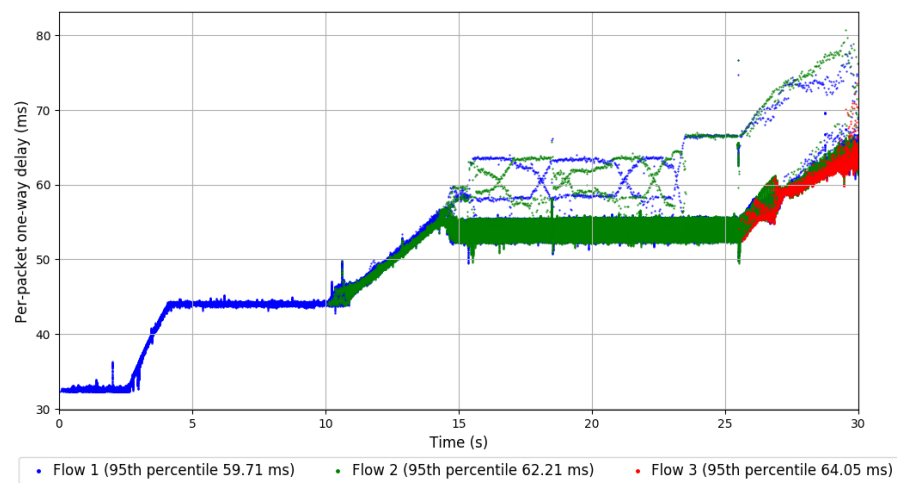
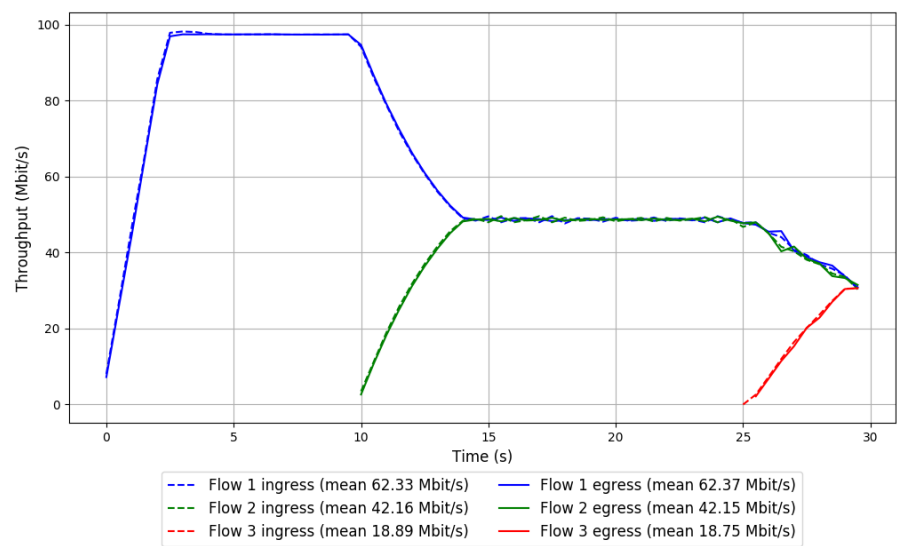


Run 7: Statistics of LEDBAT

Start at: 2018-02-13 15:44:49
End at: 2018-02-13 15:45:19
Local clock offset: 4.758 ms
Remote clock offset: -17.729 ms

Below is generated by plot.py at 2018-02-13 21:02:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.16 Mbit/s
95th percentile per-packet one-way delay: 61.702 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.37 Mbit/s
95th percentile per-packet one-way delay: 59.714 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 42.15 Mbit/s
95th percentile per-packet one-way delay: 62.206 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 18.75 Mbit/s
95th percentile per-packet one-way delay: 64.046 ms
Loss rate: 2.14%

Run 7: Report of LEDBAT — Data Link

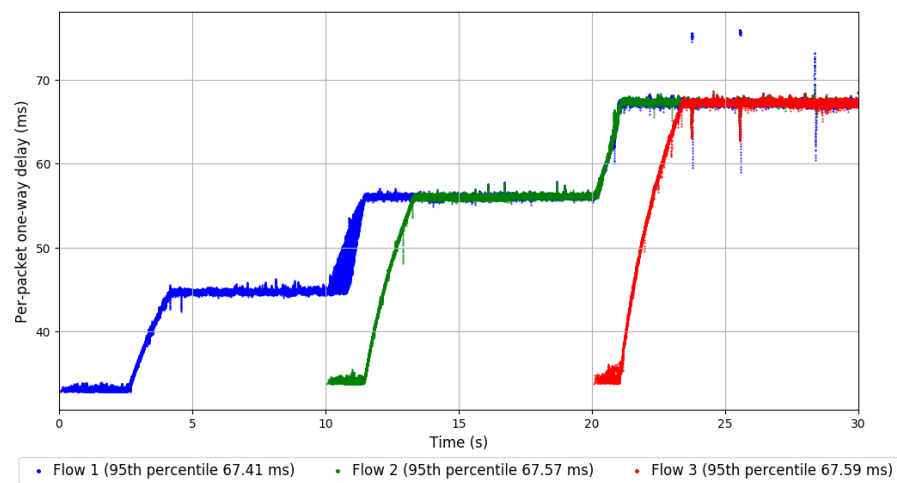
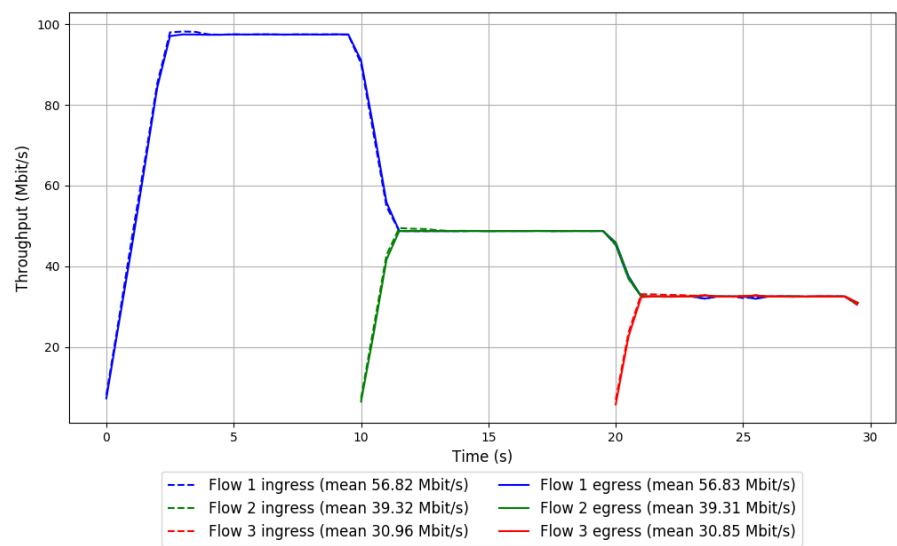


Run 8: Statistics of LEDBAT

Start at: 2018-02-13 16:06:55
End at: 2018-02-13 16:07:25
Local clock offset: 2.819 ms
Remote clock offset: -18.015 ms

Below is generated by plot.py at 2018-02-13 21:02:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 67.513 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.83 Mbit/s
95th percentile per-packet one-way delay: 67.414 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 67.566 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 67.589 ms
Loss rate: 0.62%

Run 8: Report of LEDBAT — Data Link

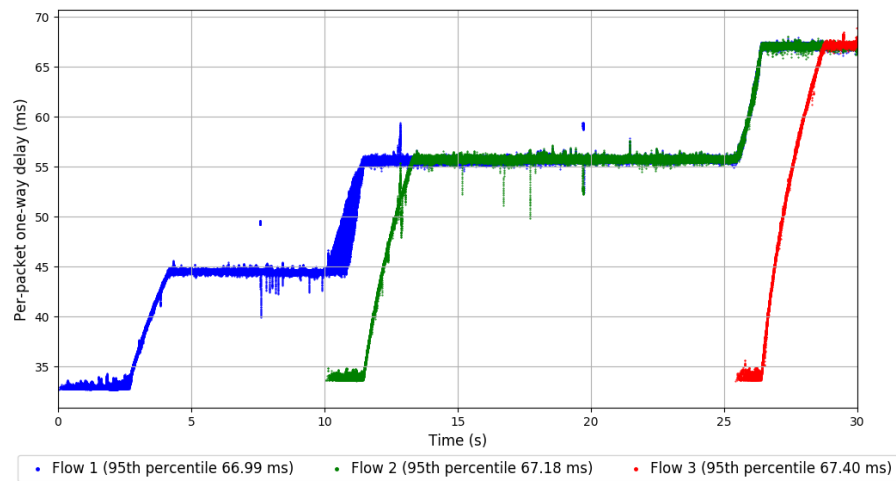
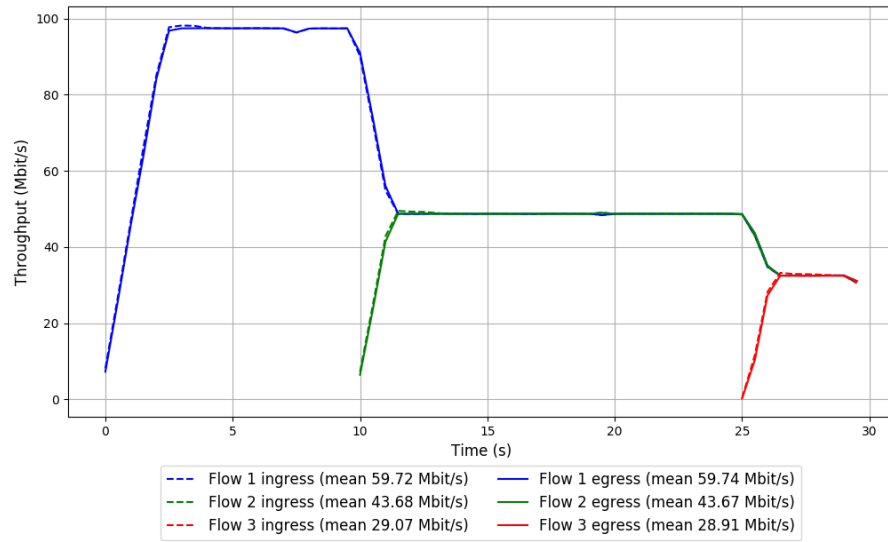


Run 9: Statistics of LEDBAT

Start at: 2018-02-13 16:29:29
End at: 2018-02-13 16:29:59
Local clock offset: 3.106 ms
Remote clock offset: -17.638 ms

Below is generated by plot.py at 2018-02-13 21:02:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 67.125 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 59.74 Mbit/s
95th percentile per-packet one-way delay: 66.989 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 43.67 Mbit/s
95th percentile per-packet one-way delay: 67.184 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 28.91 Mbit/s
95th percentile per-packet one-way delay: 67.396 ms
Loss rate: 1.45%

Run 9: Report of LEDBAT — Data Link

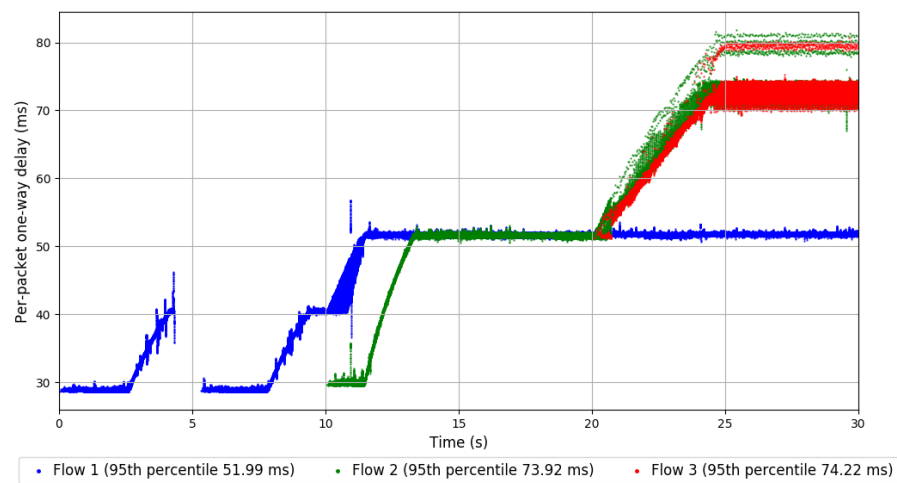
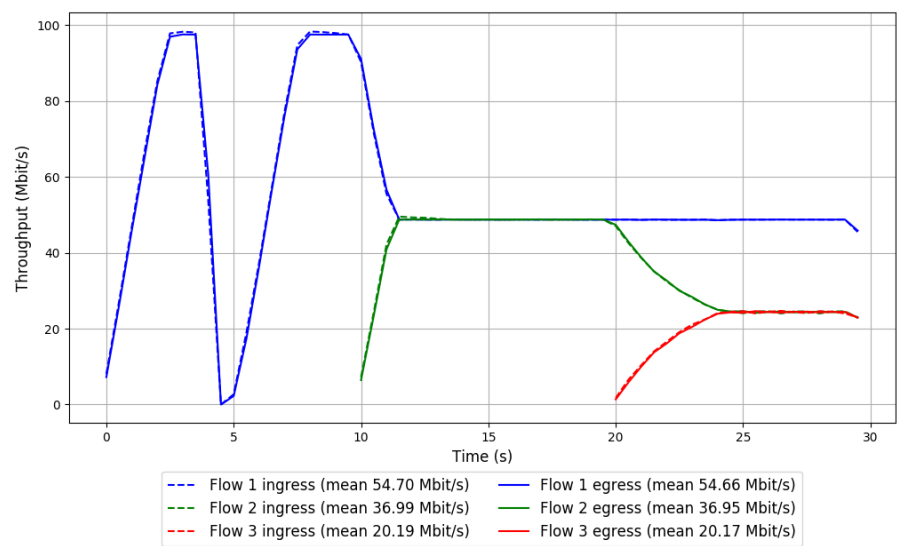


Run 10: Statistics of LEDBAT

Start at: 2018-02-13 16:51:41
End at: 2018-02-13 16:52:11
Local clock offset: 0.468 ms
Remote clock offset: -20.835 ms

Below is generated by plot.py at 2018-02-13 21:02:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.91 Mbit/s
95th percentile per-packet one-way delay: 73.449 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 54.66 Mbit/s
95th percentile per-packet one-way delay: 51.992 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.95 Mbit/s
95th percentile per-packet one-way delay: 73.921 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.17 Mbit/s
95th percentile per-packet one-way delay: 74.222 ms
Loss rate: 0.83%

Run 10: Report of LEDBAT — Data Link

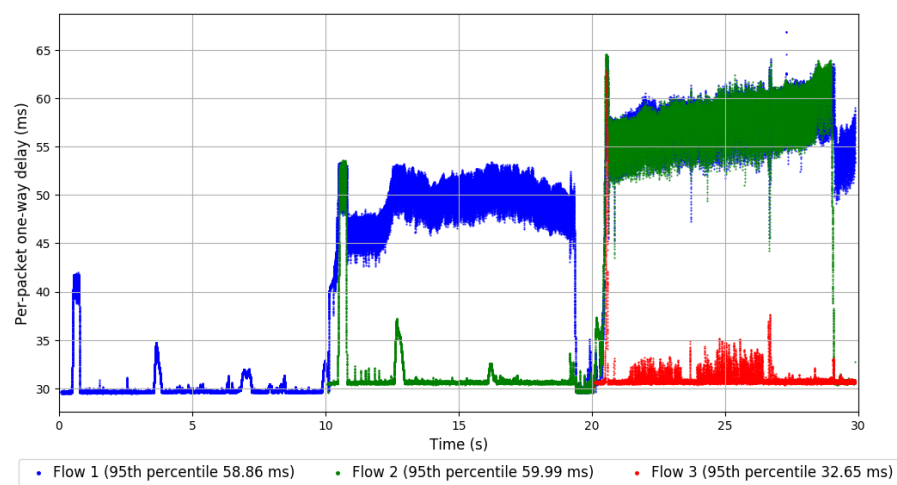
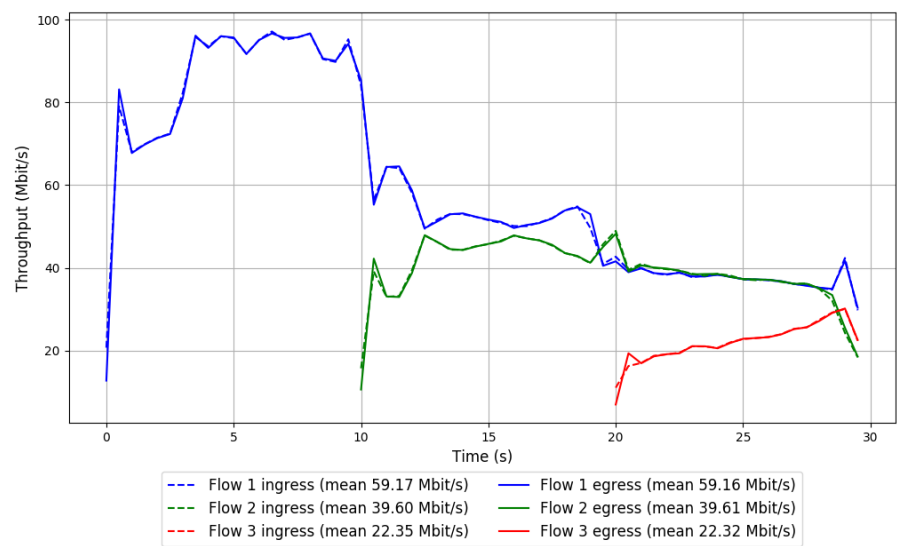


Run 1: Statistics of PCC

Start at: 2018-02-13 13:43:26
End at: 2018-02-13 13:43:56
Local clock offset: 2.848 ms
Remote clock offset: -12.988 ms

Below is generated by plot.py at 2018-02-13 21:02:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 59.163 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.16 Mbit/s
95th percentile per-packet one-way delay: 58.864 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 59.986 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 22.32 Mbit/s
95th percentile per-packet one-way delay: 32.654 ms
Loss rate: 0.38%

Run 1: Report of PCC — Data Link

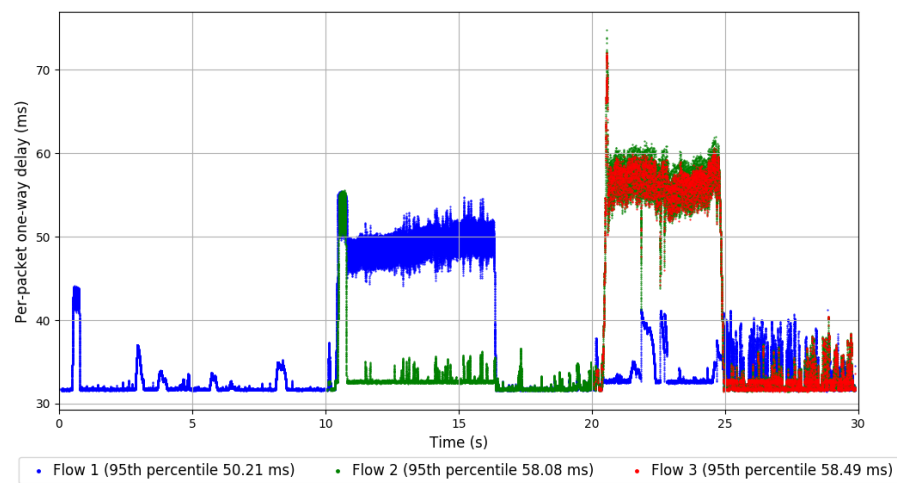
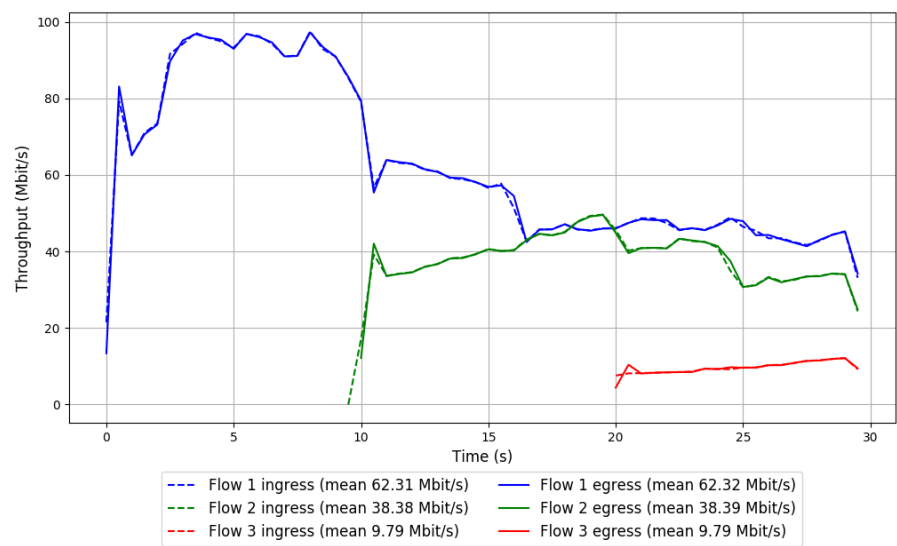


Run 2: Statistics of PCC

Start at: 2018-02-13 14:05:22
End at: 2018-02-13 14:05:52
Local clock offset: 4.615 ms
Remote clock offset: -17.855 ms

Below is generated by plot.py at 2018-02-13 21:02:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 56.037 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 62.32 Mbit/s
95th percentile per-packet one-way delay: 50.214 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 58.084 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 58.490 ms
Loss rate: 0.31%

Run 2: Report of PCC — Data Link

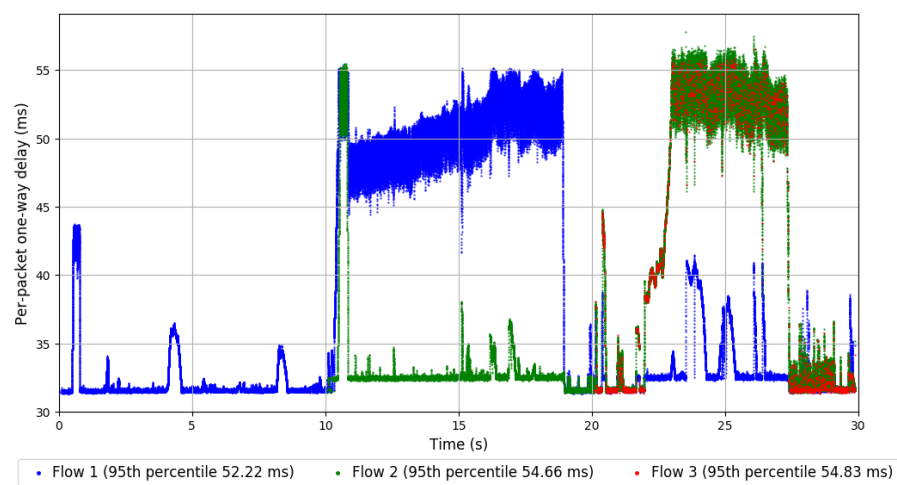
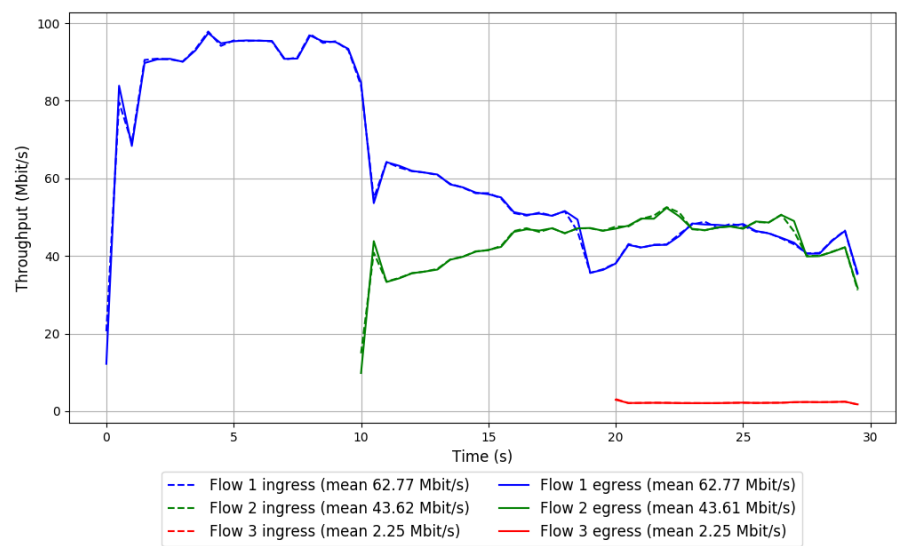


Run 3: Statistics of PCC

Start at: 2018-02-13 14:26:51
End at: 2018-02-13 14:27:21
Local clock offset: 3.092 ms
Remote clock offset: -21.555 ms

Below is generated by plot.py at 2018-02-13 21:03:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.51 Mbit/s
95th percentile per-packet one-way delay: 53.511 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 52.223 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 43.61 Mbit/s
95th percentile per-packet one-way delay: 54.660 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 54.830 ms
Loss rate: 0.22%

Run 3: Report of PCC — Data Link

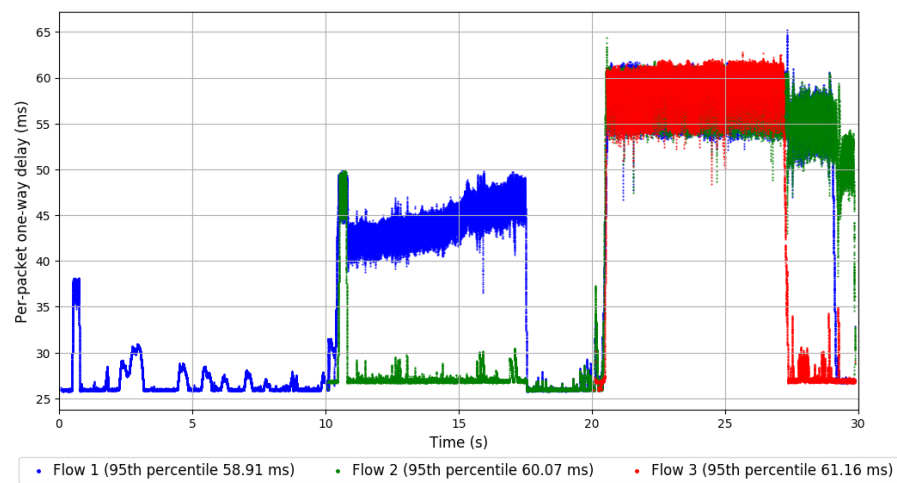
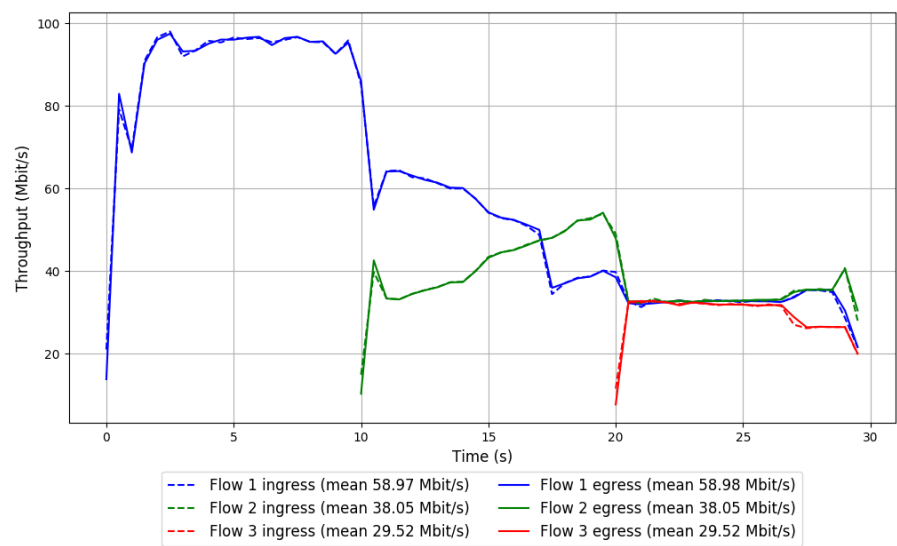


Run 4: Statistics of PCC

Start at: 2018-02-13 14:48:36
End at: 2018-02-13 14:49:06
Local clock offset: -0.85 ms
Remote clock offset: -19.65 ms

Below is generated by plot.py at 2018-02-13 21:03:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.99 Mbit/s
95th percentile per-packet one-way delay: 60.025 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 58.914 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 38.05 Mbit/s
95th percentile per-packet one-way delay: 60.070 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.52 Mbit/s
95th percentile per-packet one-way delay: 61.157 ms
Loss rate: 0.23%

Run 4: Report of PCC — Data Link

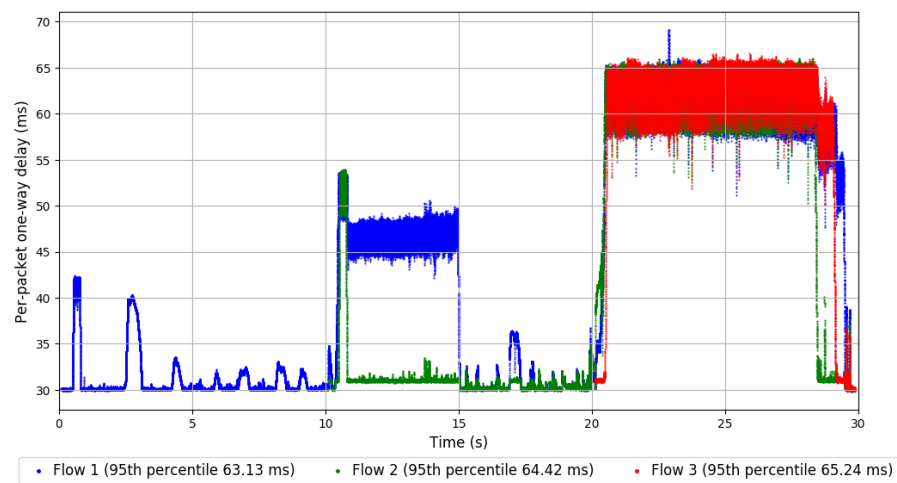
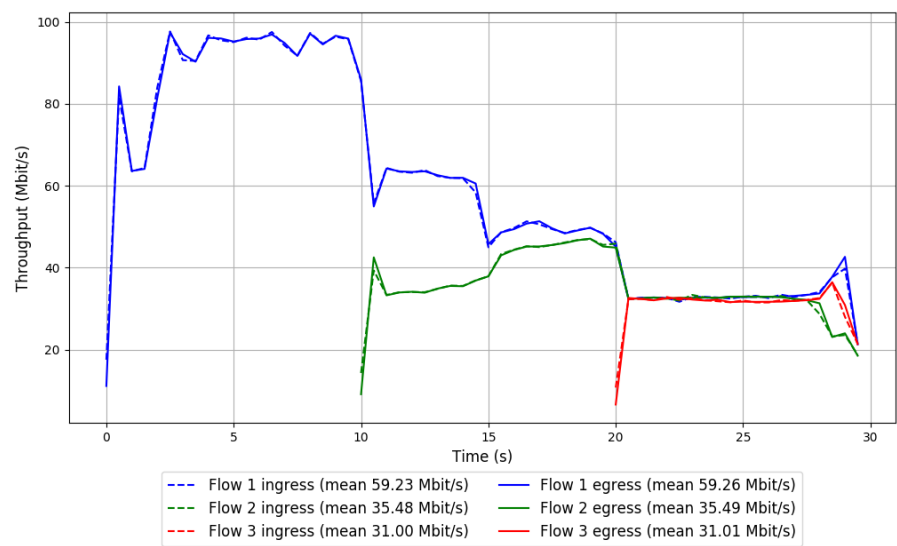


Run 5: Statistics of PCC

Start at: 2018-02-13 15:10:26
End at: 2018-02-13 15:10:56
Local clock offset: 1.573 ms
Remote clock offset: -22.924 ms

Below is generated by plot.py at 2018-02-13 21:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.03 Mbit/s
95th percentile per-packet one-way delay: 64.257 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 63.133 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 35.49 Mbit/s
95th percentile per-packet one-way delay: 64.423 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 65.237 ms
Loss rate: 0.24%

Run 5: Report of PCC — Data Link

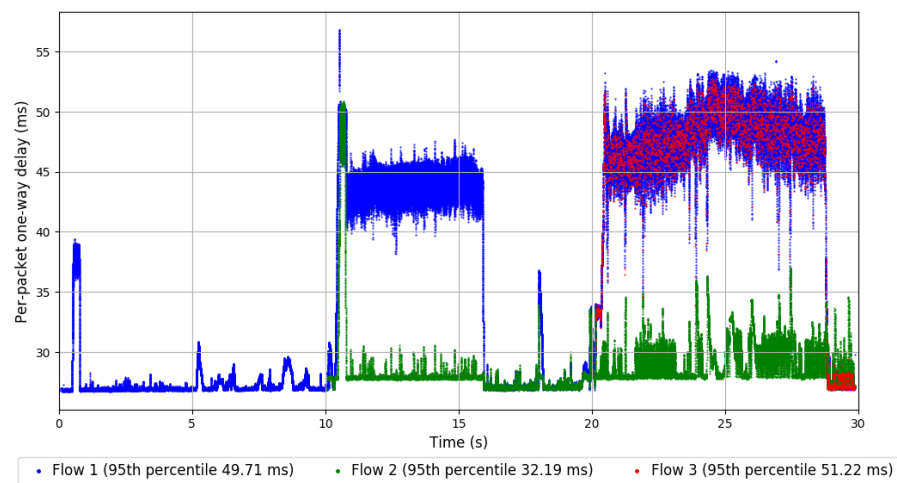
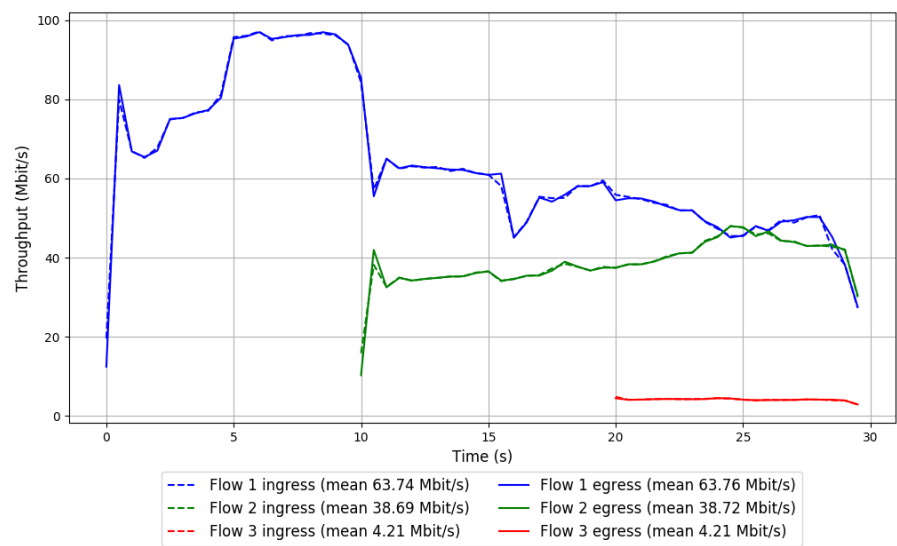


Run 6: Statistics of PCC

Start at: 2018-02-13 15:32:38
End at: 2018-02-13 15:33:08
Local clock offset: 0.002 ms
Remote clock offset: -20.319 ms

Below is generated by plot.py at 2018-02-13 21:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.88 Mbit/s
95th percentile per-packet one-way delay: 49.270 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 63.76 Mbit/s
95th percentile per-packet one-way delay: 49.706 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 32.194 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 51.218 ms
Loss rate: 0.24%

Run 6: Report of PCC — Data Link

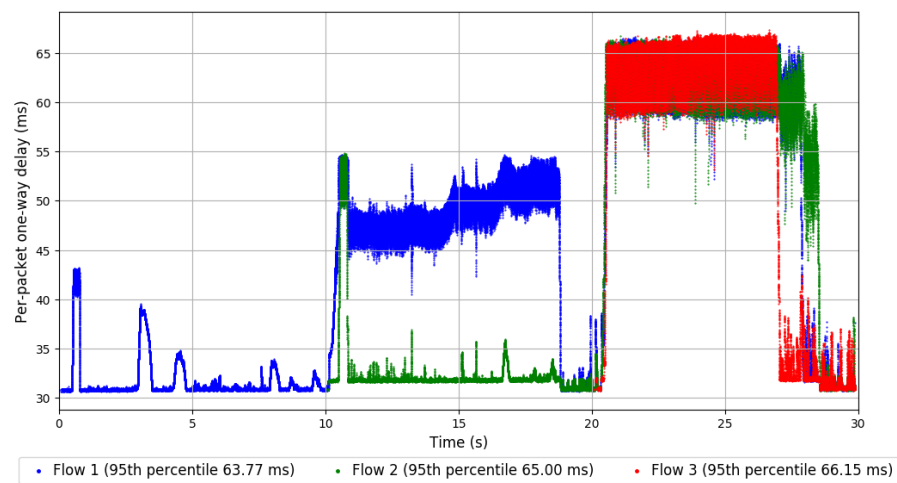
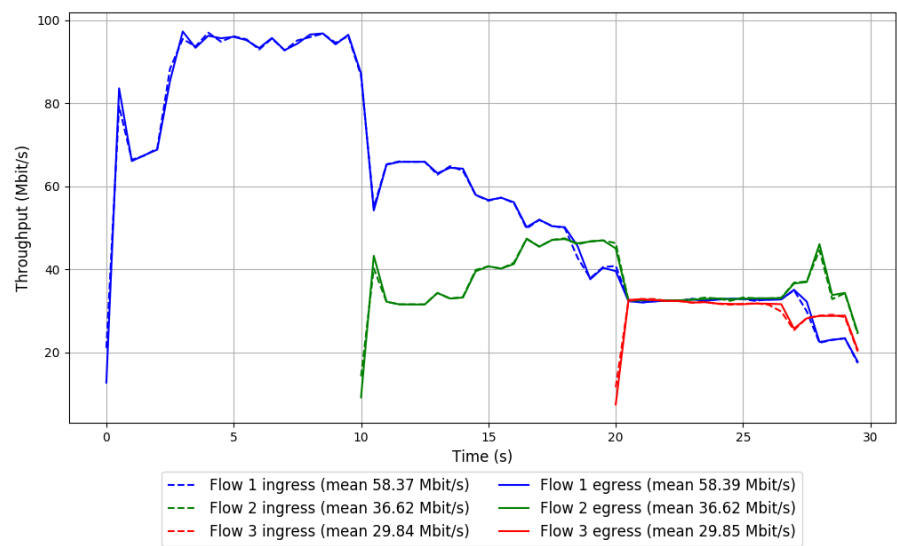


Run 7: Statistics of PCC

Start at: 2018-02-13 15:54:32
End at: 2018-02-13 15:55:02
Local clock offset: 0.094 ms
Remote clock offset: -19.773 ms

Below is generated by plot.py at 2018-02-13 21:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 64.945 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 63.772 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 65.003 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 66.149 ms
Loss rate: 0.23%

Run 7: Report of PCC — Data Link

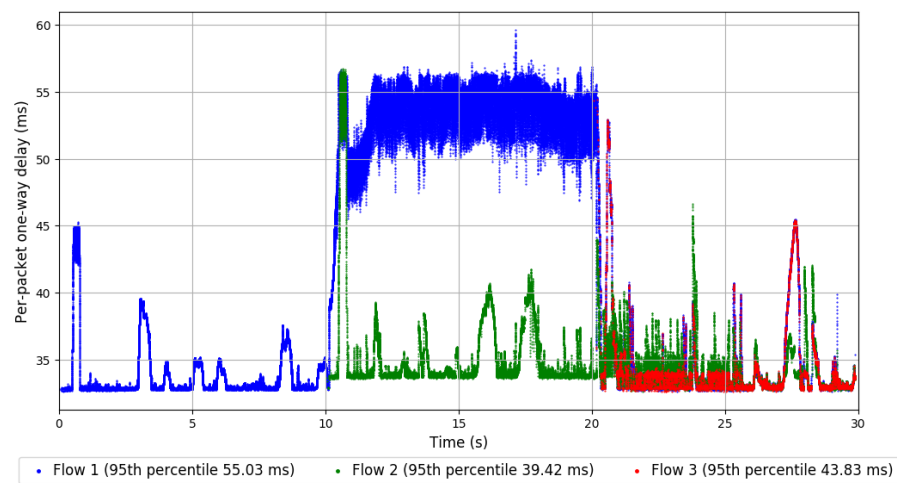
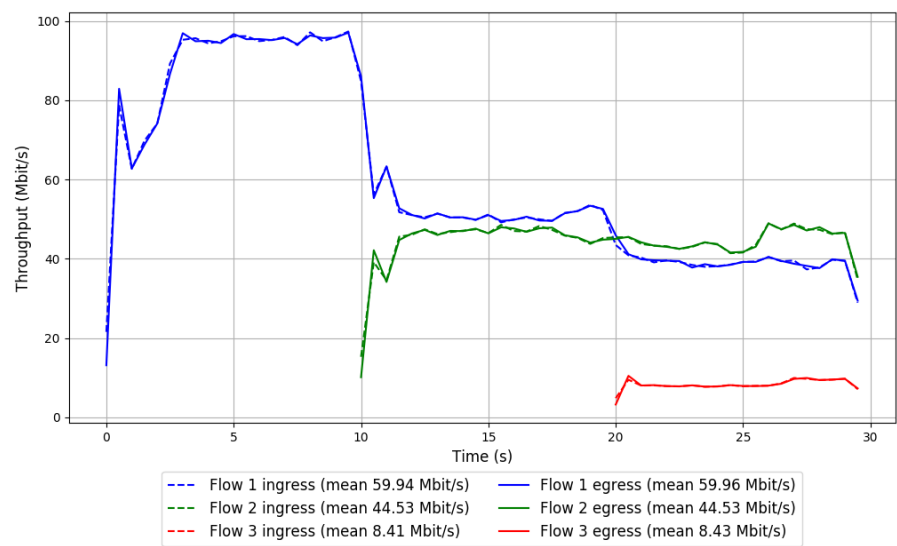


Run 8: Statistics of PCC

Start at: 2018-02-13 16:16:53
End at: 2018-02-13 16:17:23
Local clock offset: 4.126 ms
Remote clock offset: -17.144 ms

Below is generated by plot.py at 2018-02-13 21:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 54.609 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.96 Mbit/s
95th percentile per-packet one-way delay: 55.034 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 44.53 Mbit/s
95th percentile per-packet one-way delay: 39.417 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 43.831 ms
Loss rate: 0.28%

Run 8: Report of PCC — Data Link

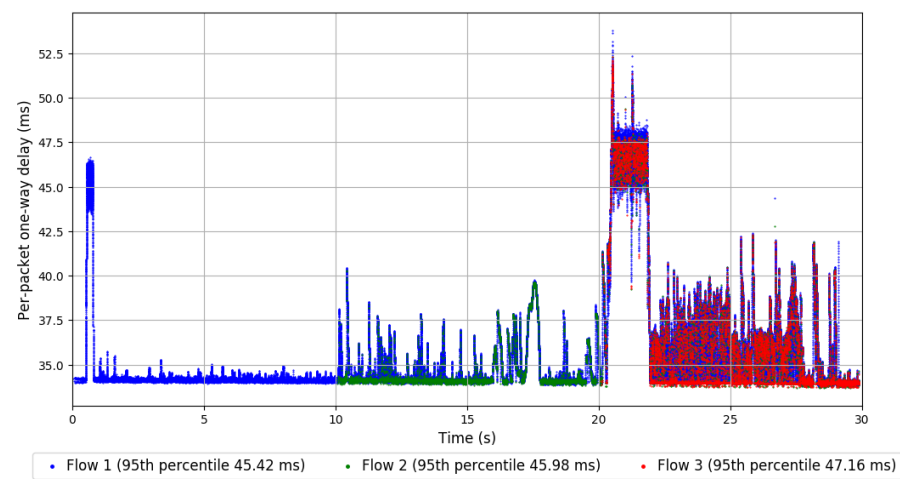
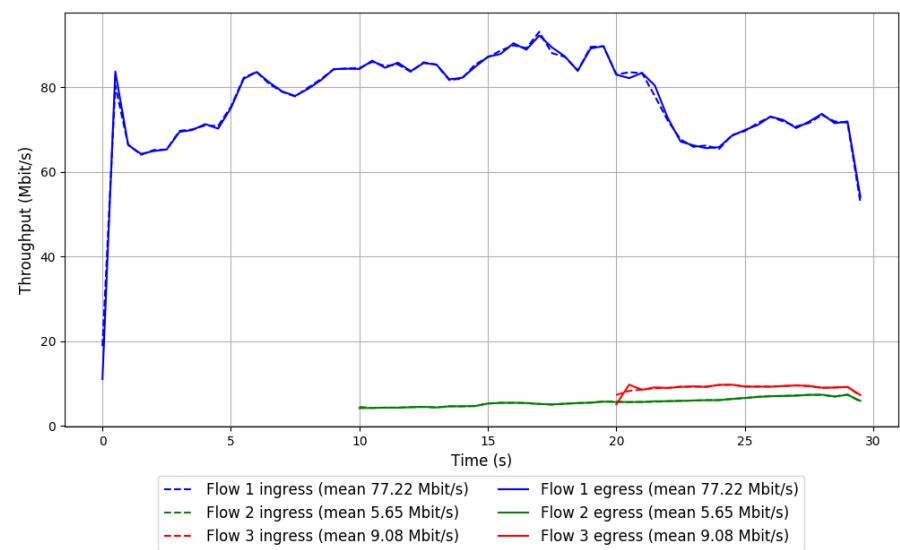


Run 9: Statistics of PCC

Start at: 2018-02-13 16:39:20
End at: 2018-02-13 16:39:50
Local clock offset: 4.53 ms
Remote clock offset: -19.516 ms

Below is generated by plot.py at 2018-02-13 21:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.95 Mbit/s
95th percentile per-packet one-way delay: 45.647 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 77.22 Mbit/s
95th percentile per-packet one-way delay: 45.418 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 45.976 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 47.156 ms
Loss rate: 0.26%

Run 9: Report of PCC — Data Link

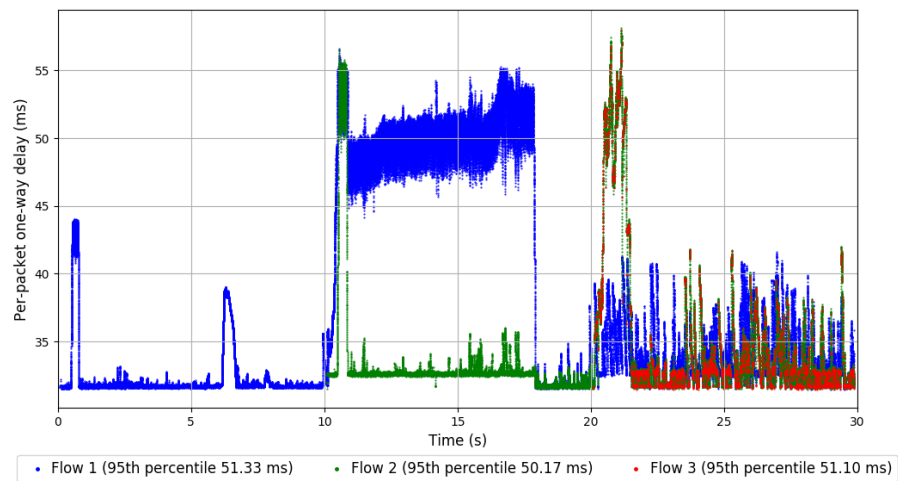
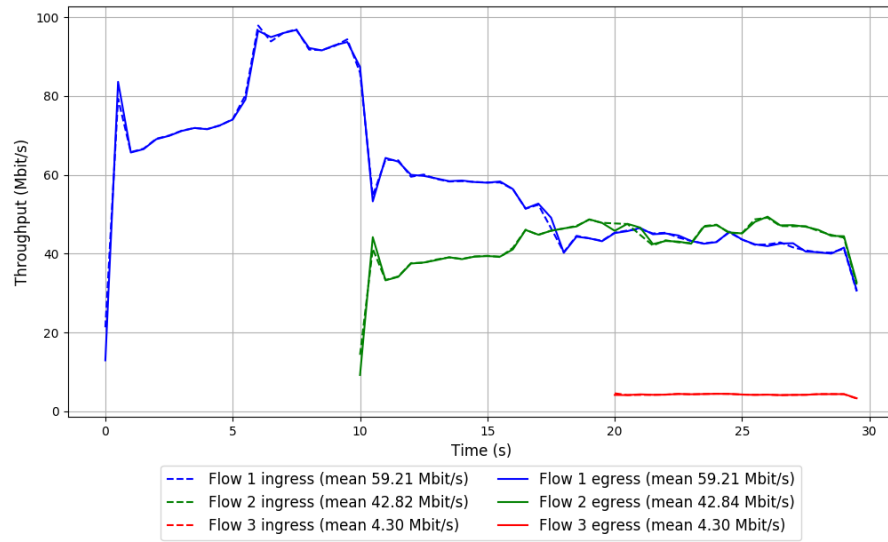


Run 10: Statistics of PCC

Start at: 2018-02-13 17:01:20
End at: 2018-02-13 17:01:50
Local clock offset: 2.925 ms
Remote clock offset: -22.037 ms

Below is generated by plot.py at 2018-02-13 21:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.09 Mbit/s
95th percentile per-packet one-way delay: 51.229 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 51.325 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 42.84 Mbit/s
95th percentile per-packet one-way delay: 50.167 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 51.098 ms
Loss rate: 0.26%

Run 10: Report of PCC — Data Link

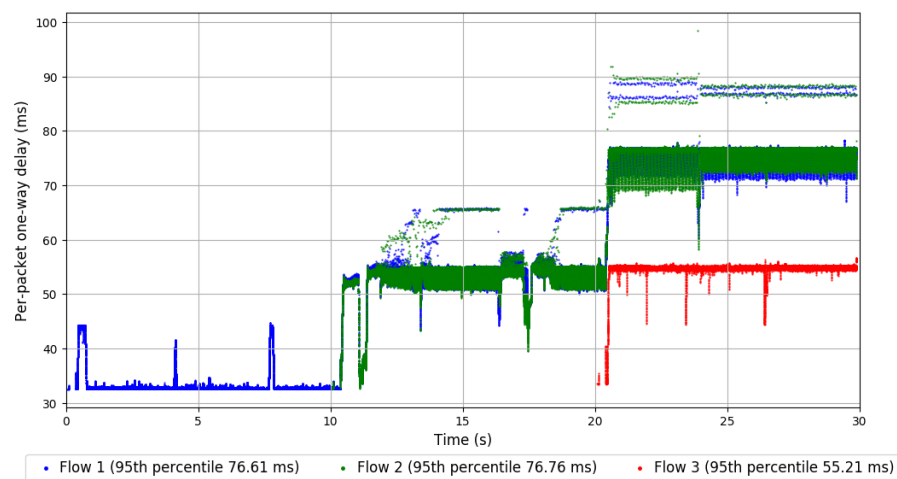
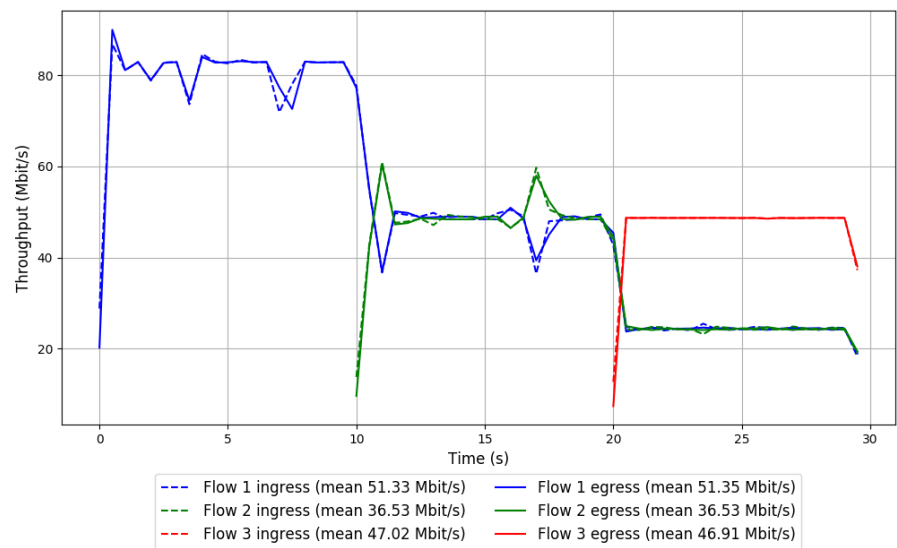


Run 1: Statistics of QUIC Cubic

Start at: 2018-02-13 13:32:39
End at: 2018-02-13 13:33:09
Local clock offset: 6.088 ms
Remote clock offset: -13.128 ms

Below is generated by plot.py at 2018-02-13 21:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 76.646 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 51.35 Mbit/s
95th percentile per-packet one-way delay: 76.615 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.53 Mbit/s
95th percentile per-packet one-way delay: 76.757 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 55.213 ms
Loss rate: 0.50%

Run 1: Report of QUIC Cubic — Data Link

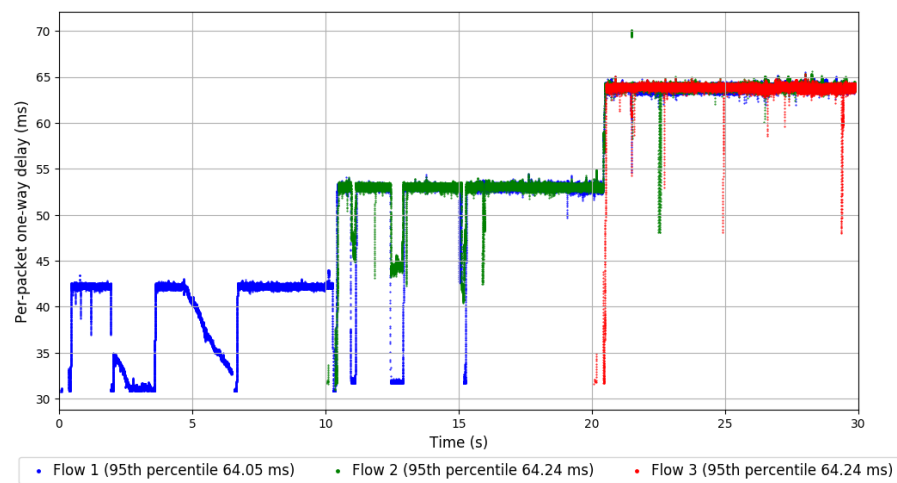
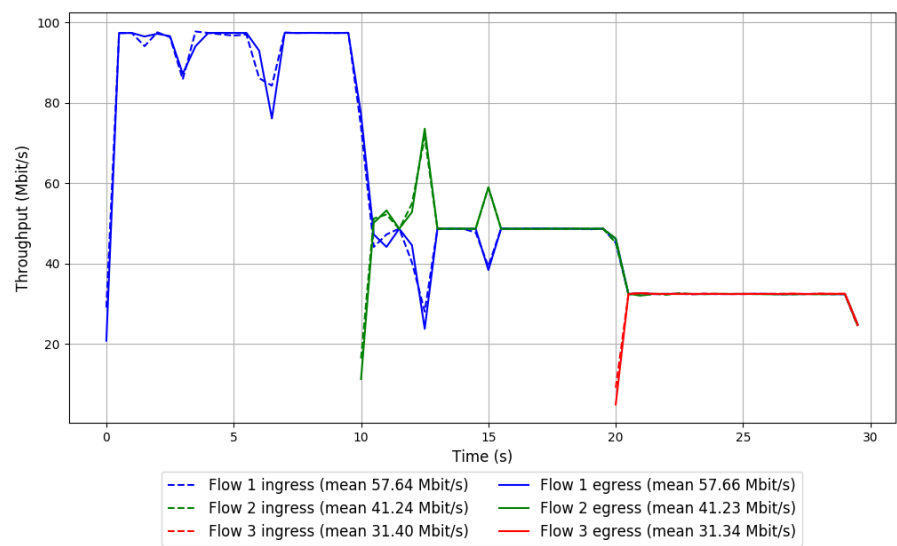


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-13 13:54:29
End at: 2018-02-13 13:54:59
Local clock offset: 3.911 ms
Remote clock offset: -16.377 ms

Below is generated by plot.py at 2018-02-13 21:05:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 64.169 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 64.045 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.23 Mbit/s
95th percentile per-packet one-way delay: 64.238 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.34 Mbit/s
95th percentile per-packet one-way delay: 64.242 ms
Loss rate: 0.61%

Run 2: Report of QUIC Cubic — Data Link

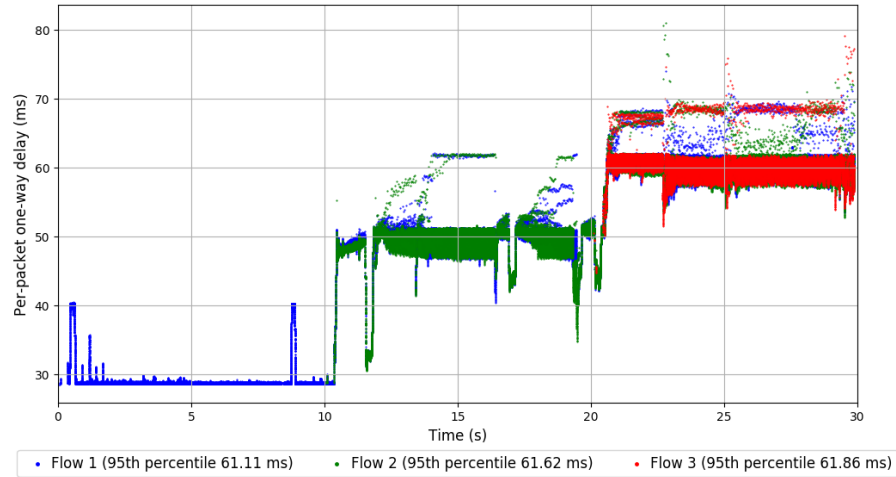
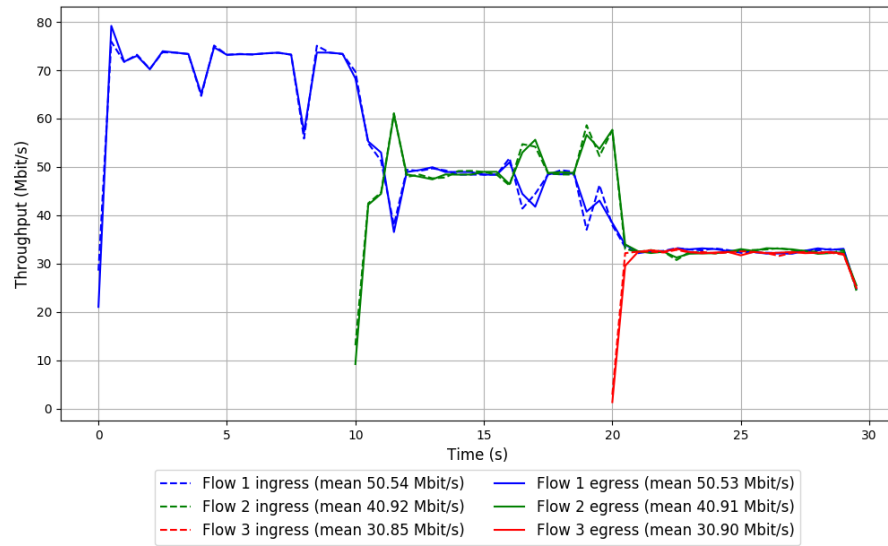


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-13 14:16:10
End at: 2018-02-13 14:16:40
Local clock offset: 3.179 ms
Remote clock offset: -16.721 ms

Below is generated by plot.py at 2018-02-13 21:05:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.85 Mbit/s
95th percentile per-packet one-way delay: 61.555 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 50.53 Mbit/s
95th percentile per-packet one-way delay: 61.113 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.91 Mbit/s
95th percentile per-packet one-way delay: 61.623 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 30.90 Mbit/s
95th percentile per-packet one-way delay: 61.861 ms
Loss rate: 0.57%

Run 3: Report of QUIC Cubic — Data Link

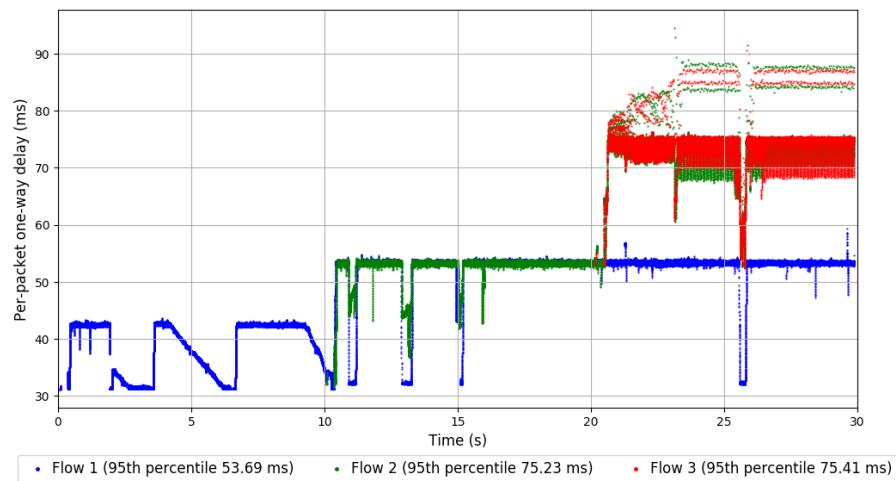
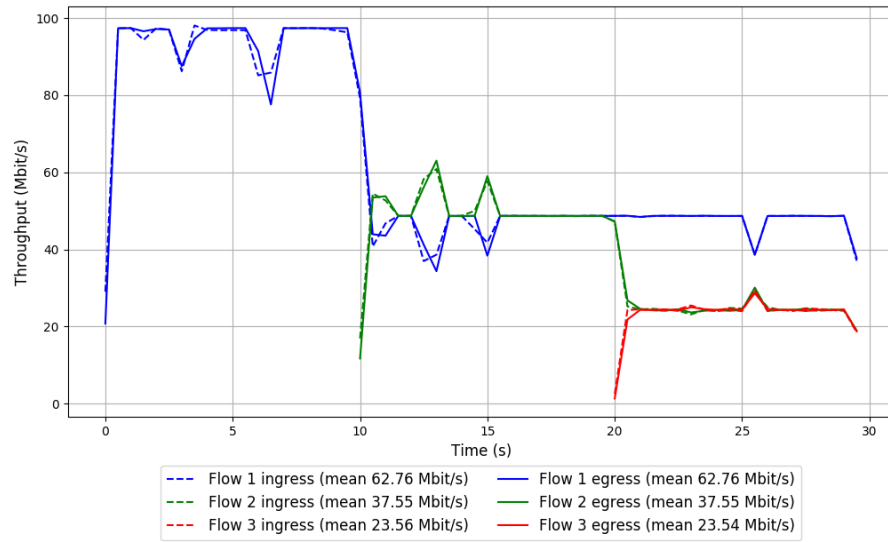


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-13 14:37:46
End at: 2018-02-13 14:38:16
Local clock offset: 1.417 ms
Remote clock offset: -22.366 ms

Below is generated by plot.py at 2018-02-13 21:05:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 75.070 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.76 Mbit/s
95th percentile per-packet one-way delay: 53.690 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 37.55 Mbit/s
95th percentile per-packet one-way delay: 75.227 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.54 Mbit/s
95th percentile per-packet one-way delay: 75.412 ms
Loss rate: 0.78%

Run 4: Report of QUIC Cubic — Data Link

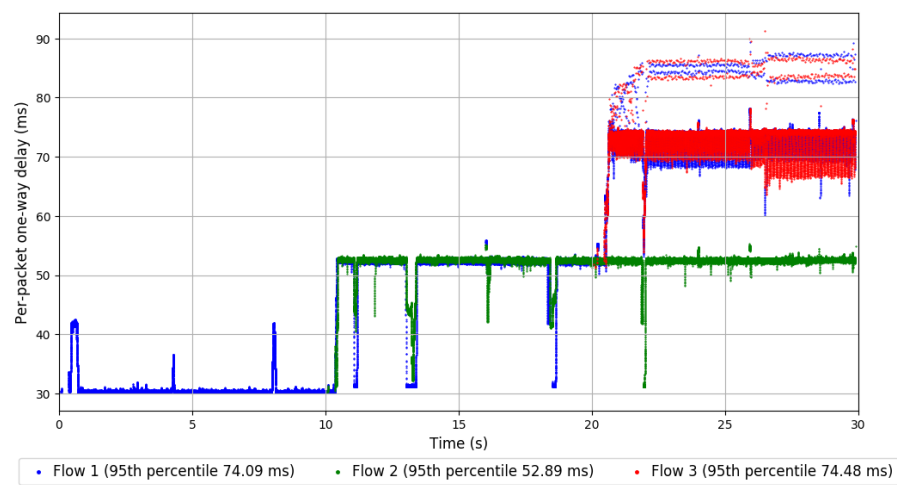
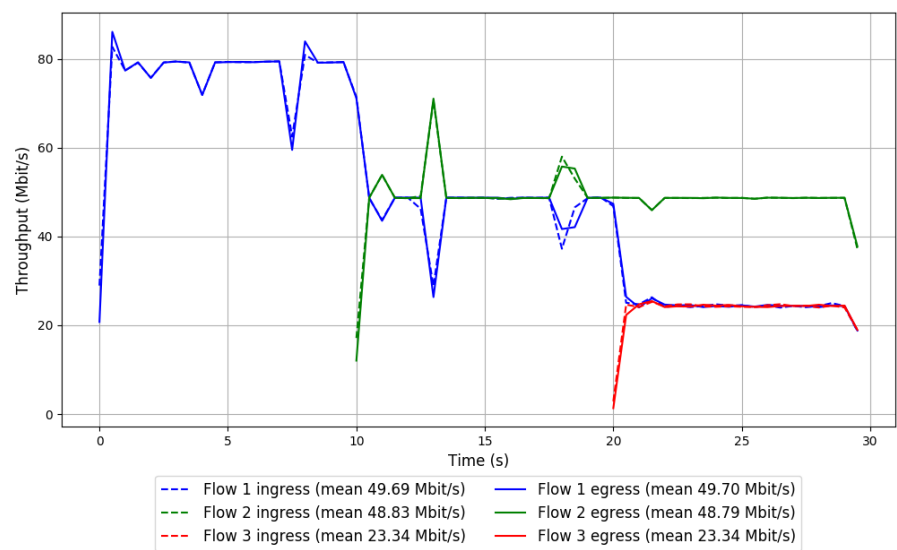


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-13 14:59:29
End at: 2018-02-13 14:59:59
Local clock offset: 1.731 ms
Remote clock offset: -21.421 ms

Below is generated by plot.py at 2018-02-13 21:05:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 74.122 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 49.70 Mbit/s
95th percentile per-packet one-way delay: 74.091 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 48.79 Mbit/s
95th percentile per-packet one-way delay: 52.888 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 74.477 ms
Loss rate: 0.65%

Run 5: Report of QUIC Cubic — Data Link

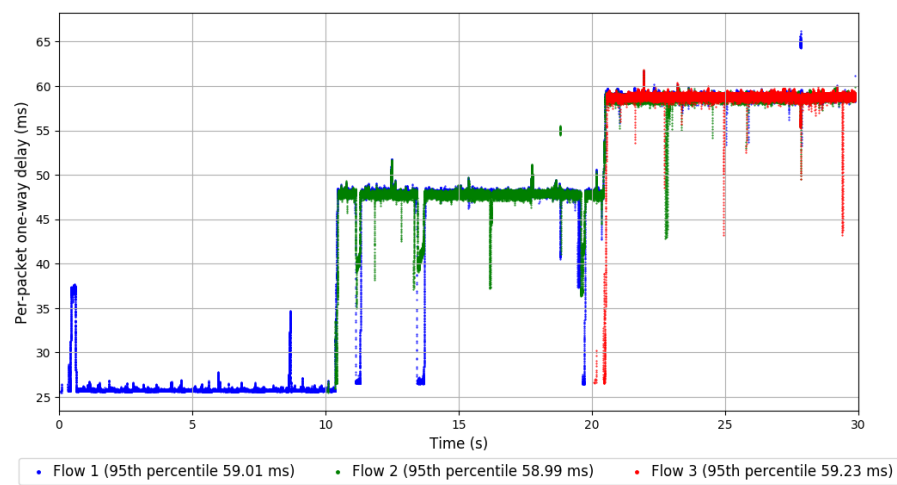
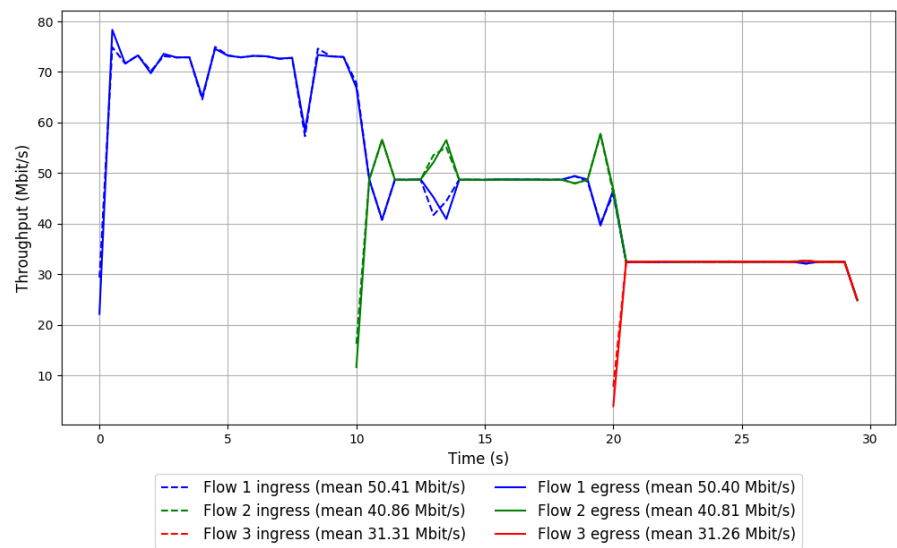


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-13 15:21:34
End at: 2018-02-13 15:22:04
Local clock offset: -1.126 ms
Remote clock offset: -21.99 ms

Below is generated by plot.py at 2018-02-13 21:05:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 59.086 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 50.40 Mbit/s
95th percentile per-packet one-way delay: 59.012 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 58.989 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 59.227 ms
Loss rate: 0.61%

Run 6: Report of QUIC Cubic — Data Link

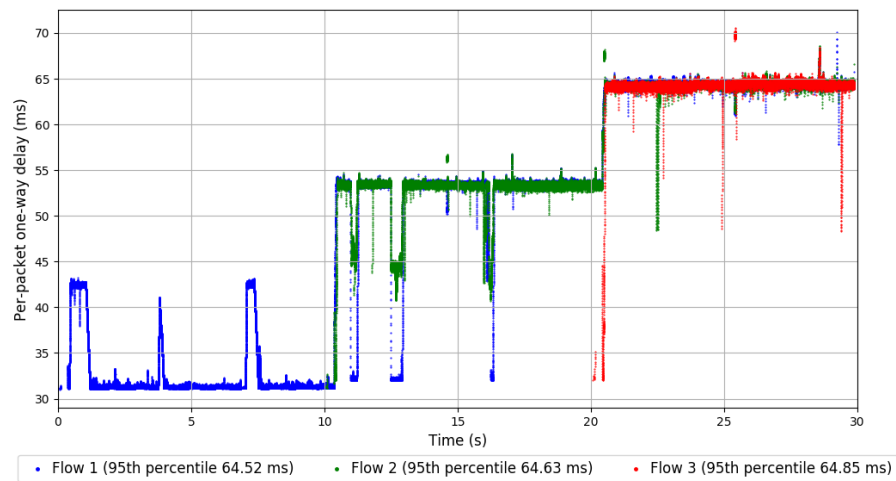
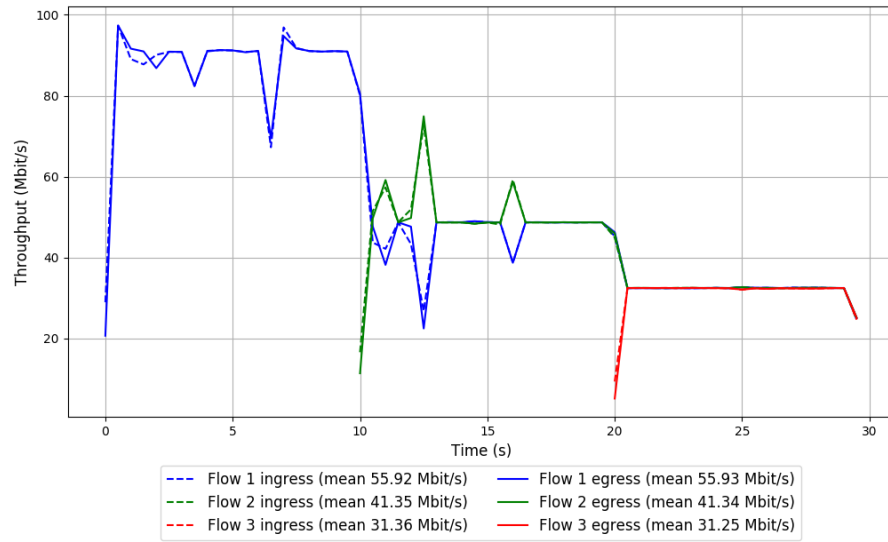


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-13 15:43:36
End at: 2018-02-13 15:44:06
Local clock offset: 3.681 ms
Remote clock offset: -17.793 ms

Below is generated by plot.py at 2018-02-13 21:05:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 64.613 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 64.520 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.34 Mbit/s
95th percentile per-packet one-way delay: 64.628 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 64.849 ms
Loss rate: 0.61%

Run 7: Report of QUIC Cubic — Data Link

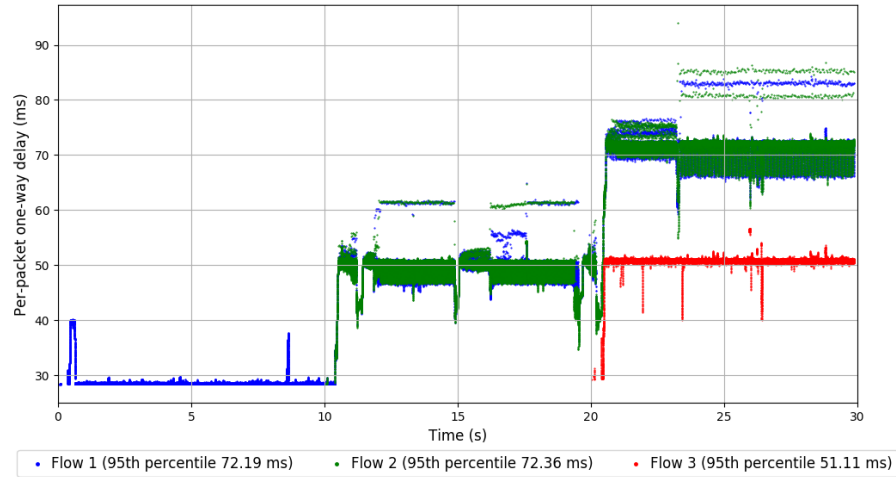
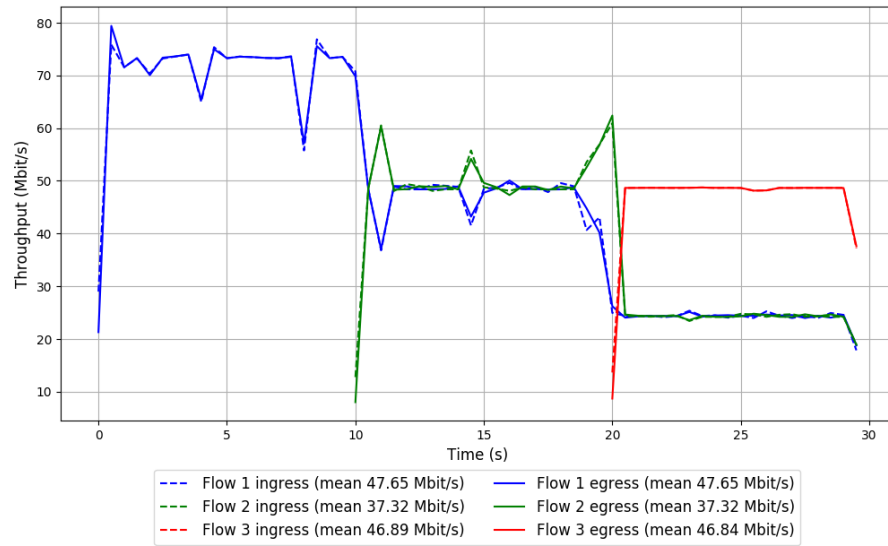


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-13 16:05:41
End at: 2018-02-13 16:06:11
Local clock offset: 0.321 ms
Remote clock offset: -16.194 ms

Below is generated by plot.py at 2018-02-13 21:05:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.89 Mbit/s
95th percentile per-packet one-way delay: 72.211 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 47.65 Mbit/s
95th percentile per-packet one-way delay: 72.187 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.32 Mbit/s
95th percentile per-packet one-way delay: 72.360 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 51.109 ms
Loss rate: 0.50%

Run 8: Report of QUIC Cubic — Data Link

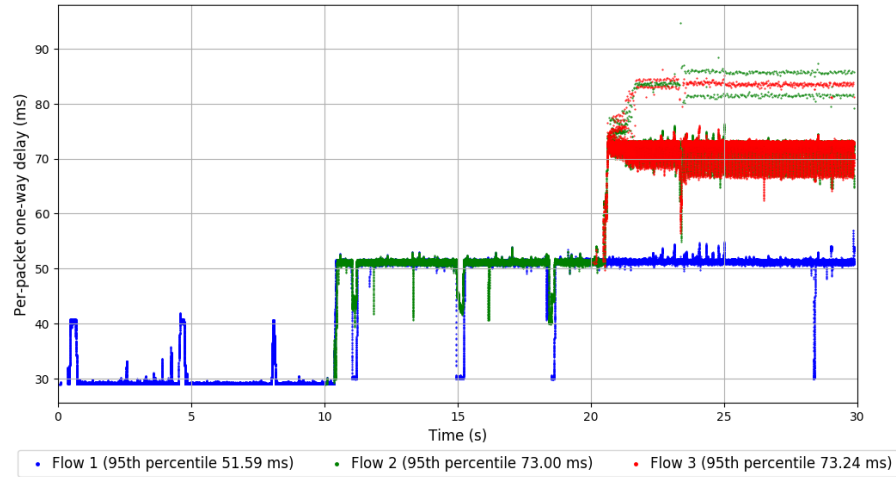
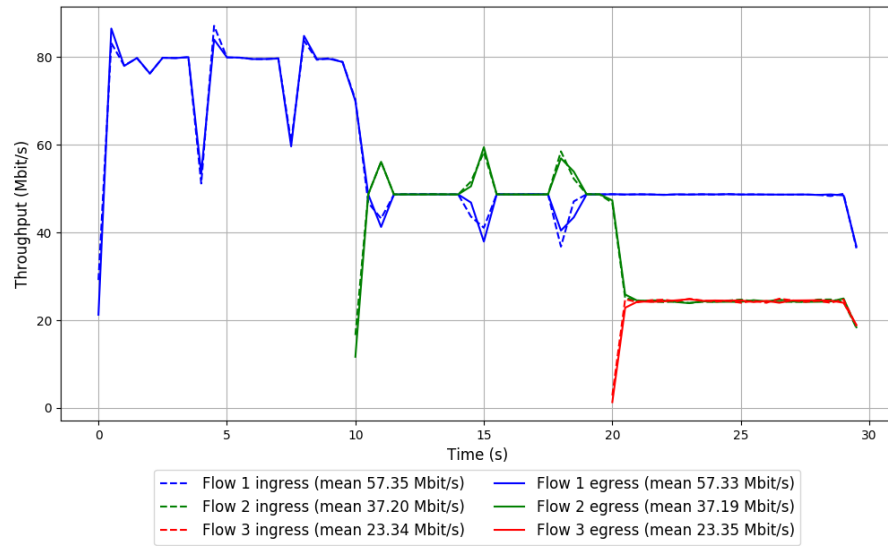


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-13 16:28:13
End at: 2018-02-13 16:28:43
Local clock offset: 2.421 ms
Remote clock offset: -14.662 ms

Below is generated by plot.py at 2018-02-13 21:06:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 72.848 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 57.33 Mbit/s
95th percentile per-packet one-way delay: 51.586 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 37.19 Mbit/s
95th percentile per-packet one-way delay: 73.000 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 73.242 ms
Loss rate: 0.74%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-13 16:50:27

End at: 2018-02-13 16:50:57

Local clock offset: 0.011 ms

Remote clock offset: -21.396 ms

Below is generated by plot.py at 2018-02-13 21:06:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 72.792 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 56.11 Mbit/s

95th percentile per-packet one-way delay: 72.744 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 34.60 Mbit/s

95th percentile per-packet one-way delay: 72.930 ms

Loss rate: 0.25%

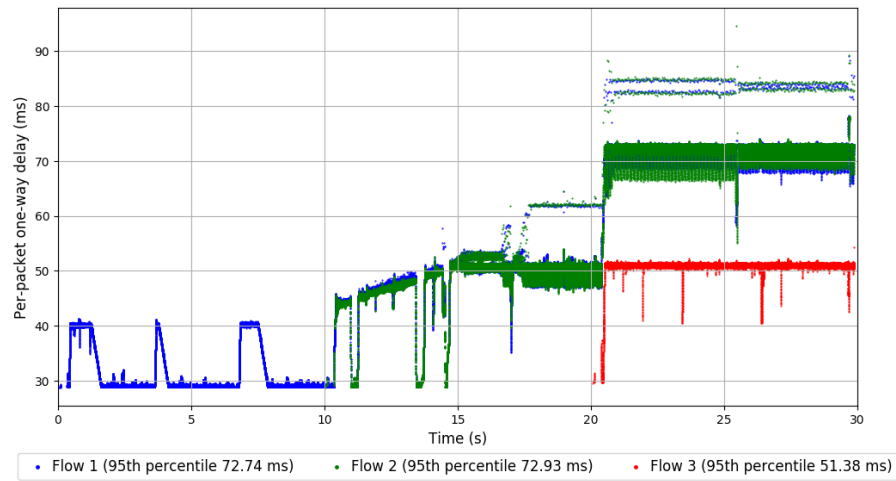
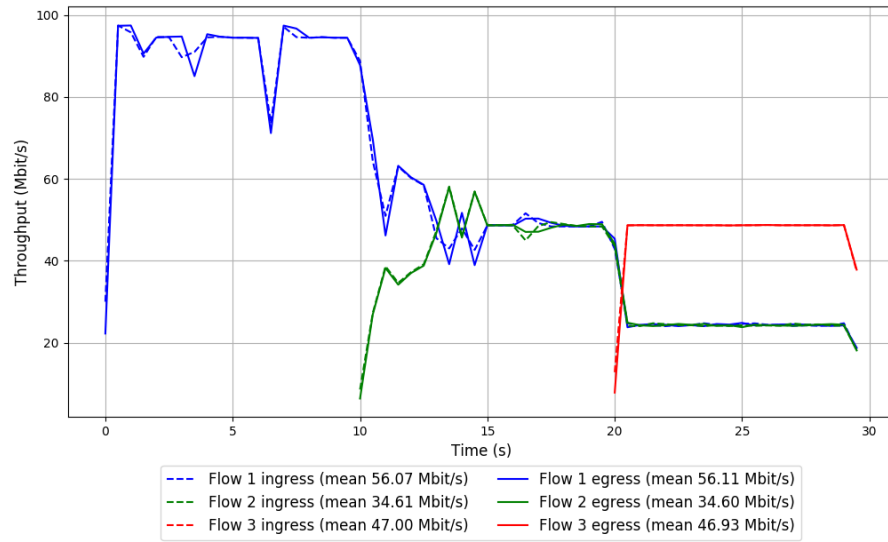
-- Flow 3:

Average throughput: 46.93 Mbit/s

95th percentile per-packet one-way delay: 51.380 ms

Loss rate: 0.49%

Run 10: Report of QUIC Cubic — Data Link

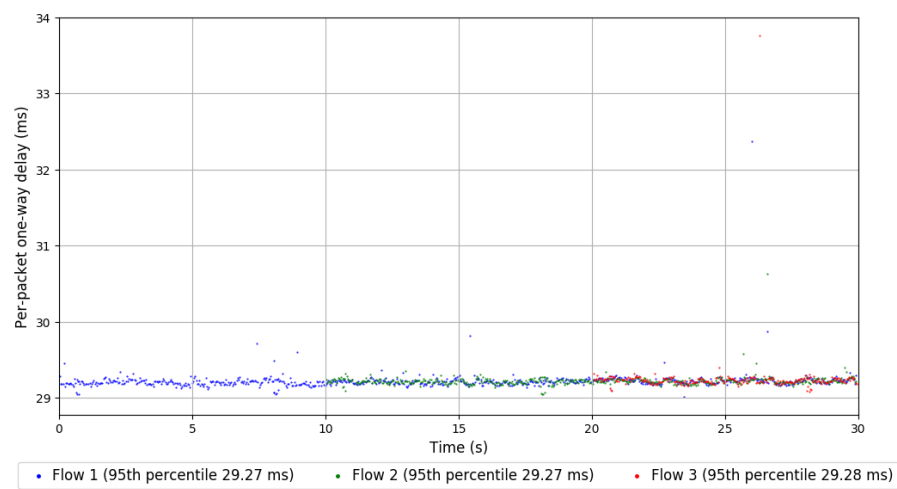
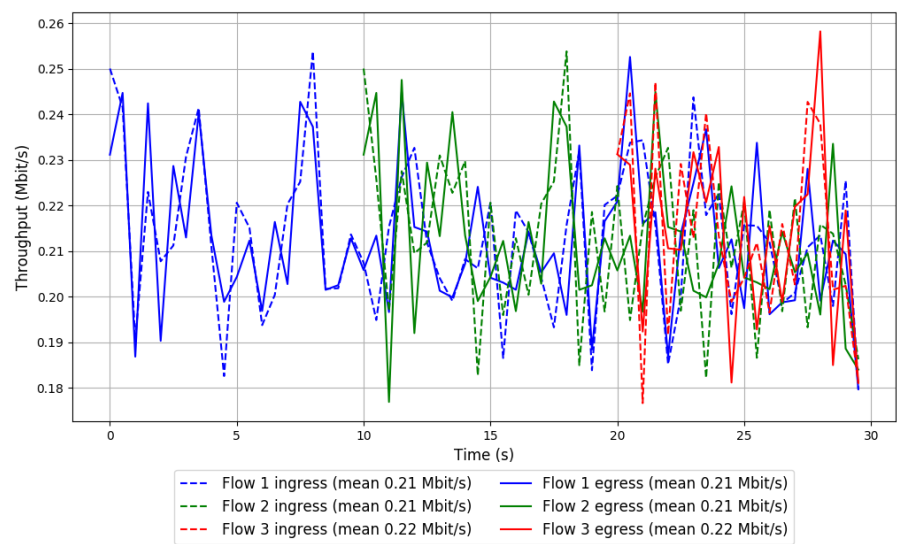


Run 1: Statistics of SReAM

Start at: 2018-02-13 13:41:08
End at: 2018-02-13 13:41:38
Local clock offset: 2.454 ms
Remote clock offset: -13.05 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 29.276 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.273 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.268 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.280 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

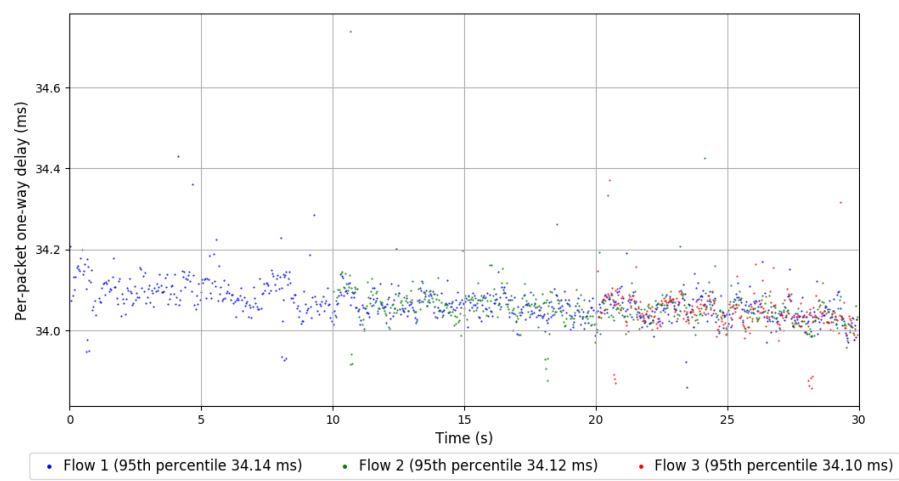
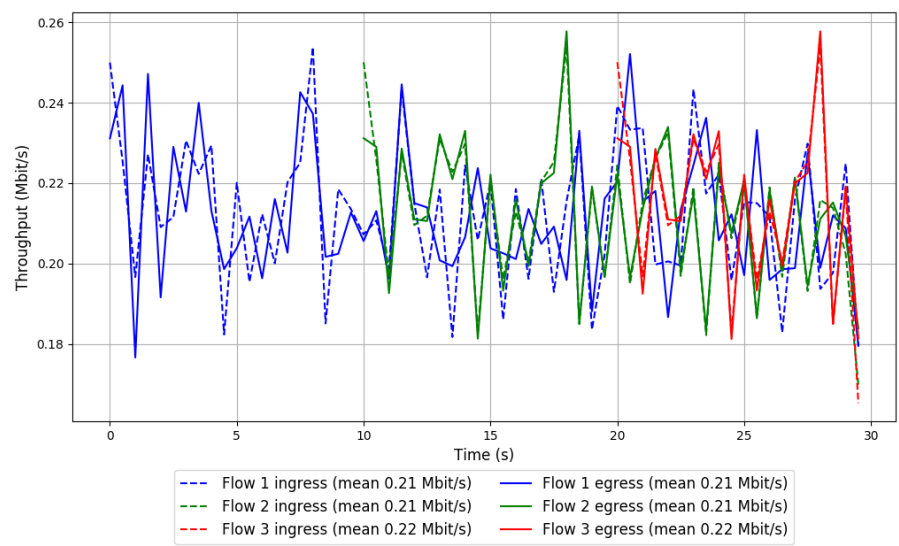


Run 2: Statistics of SReAM

Start at: 2018-02-13 14:02:59
End at: 2018-02-13 14:03:29
Local clock offset: 5.57 ms
Remote clock offset: -18.947 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.132 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.139 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.117 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.096 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

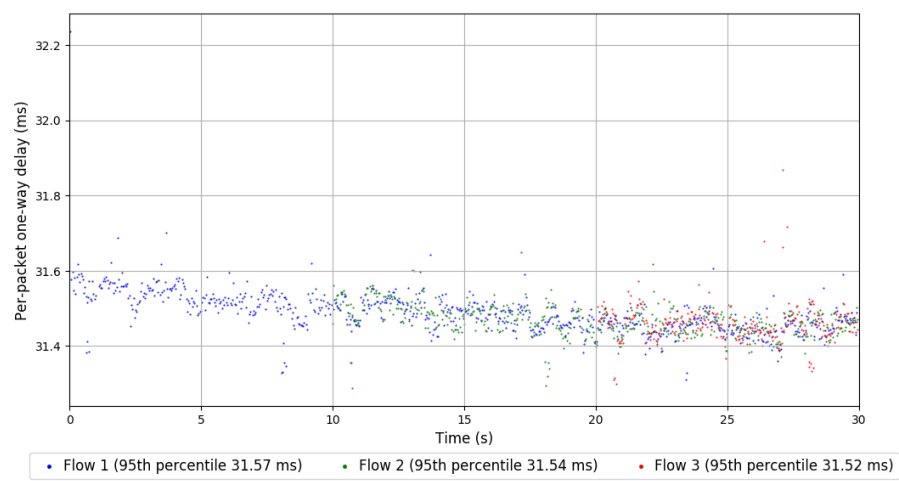
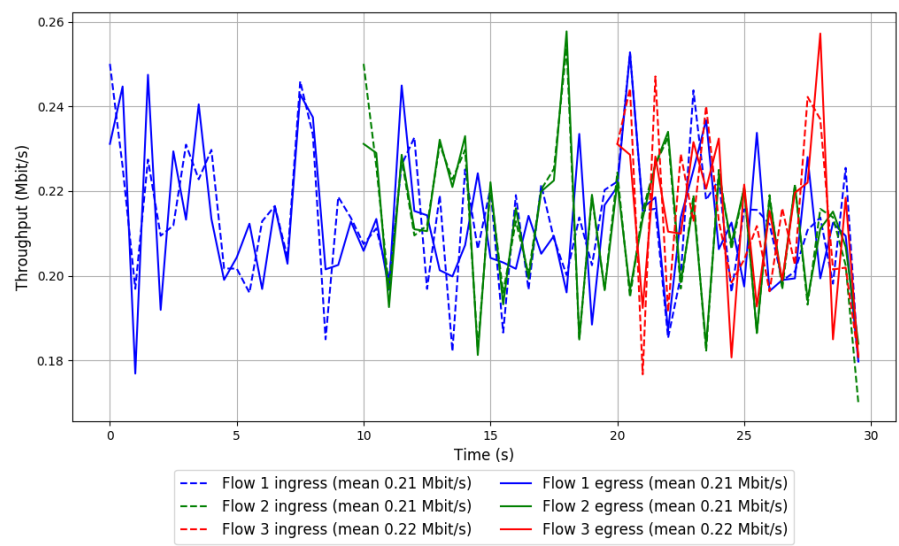


Run 3: Statistics of SCReAM

Start at: 2018-02-13 14:24:28
End at: 2018-02-13 14:24:58
Local clock offset: 4.38 ms
Remote clock offset: -20.357 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.556 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.571 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.539 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.518 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

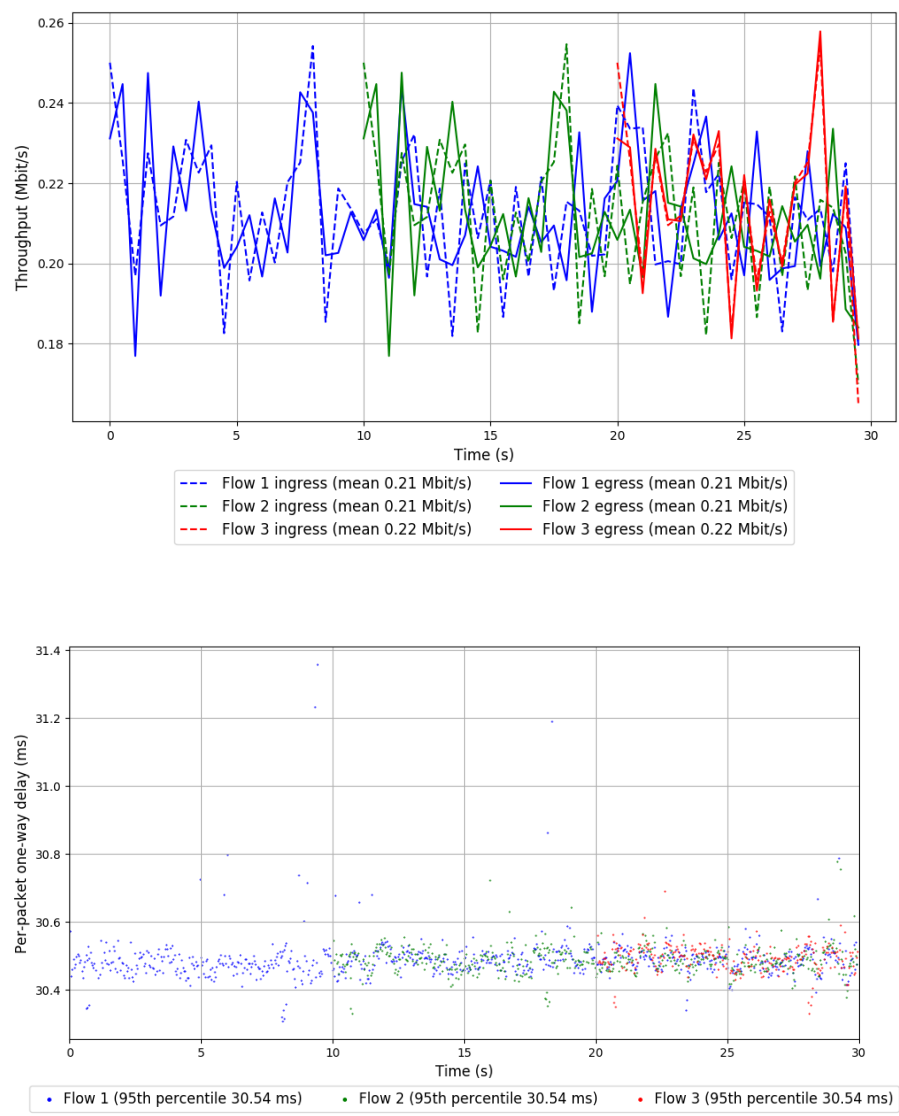


Run 4: Statistics of SReAM

Start at: 2018-02-13 14:46:16
End at: 2018-02-13 14:46:46
Local clock offset: 2.211 ms
Remote clock offset: -21.009 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.542 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.540 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.542 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

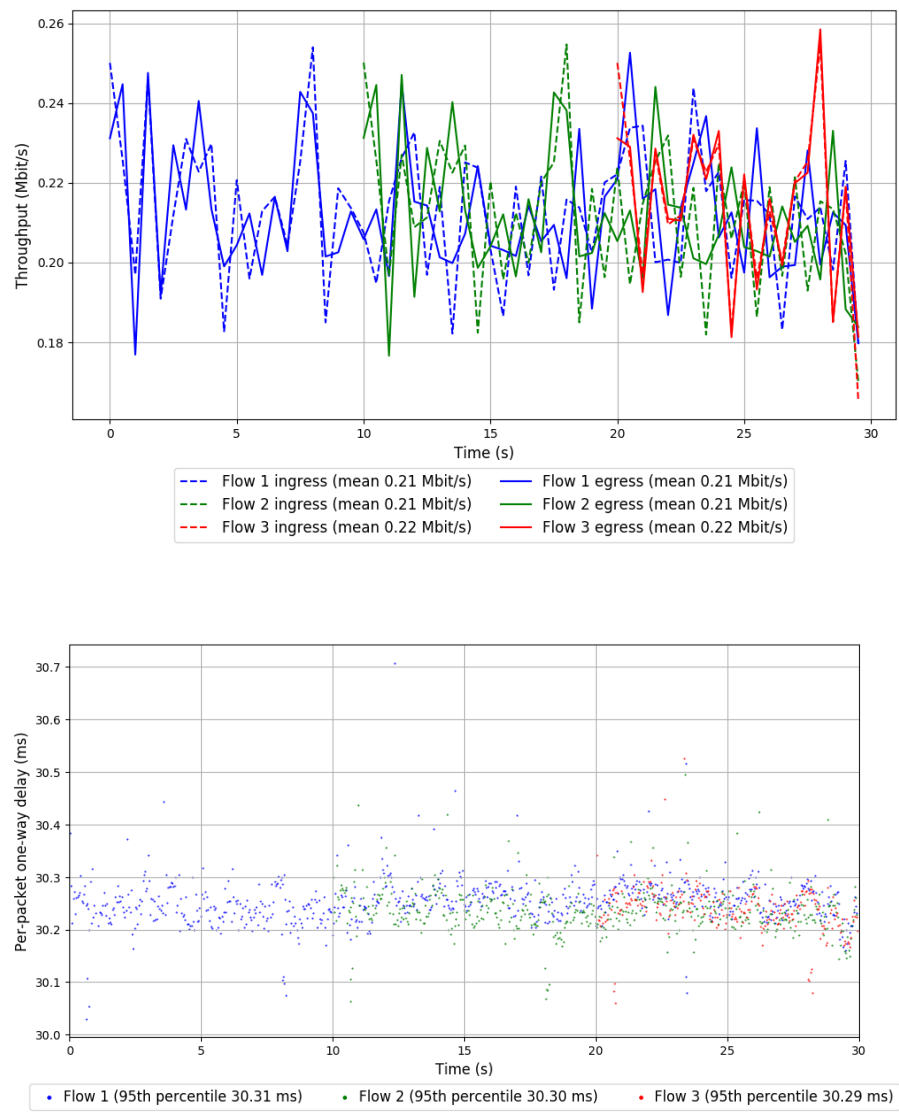


Run 5: Statistics of SCReAM

Start at: 2018-02-13 15:08:03
End at: 2018-02-13 15:08:33
Local clock offset: 4.168 ms
Remote clock offset: -20.258 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.303 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.307 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.296 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.290 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

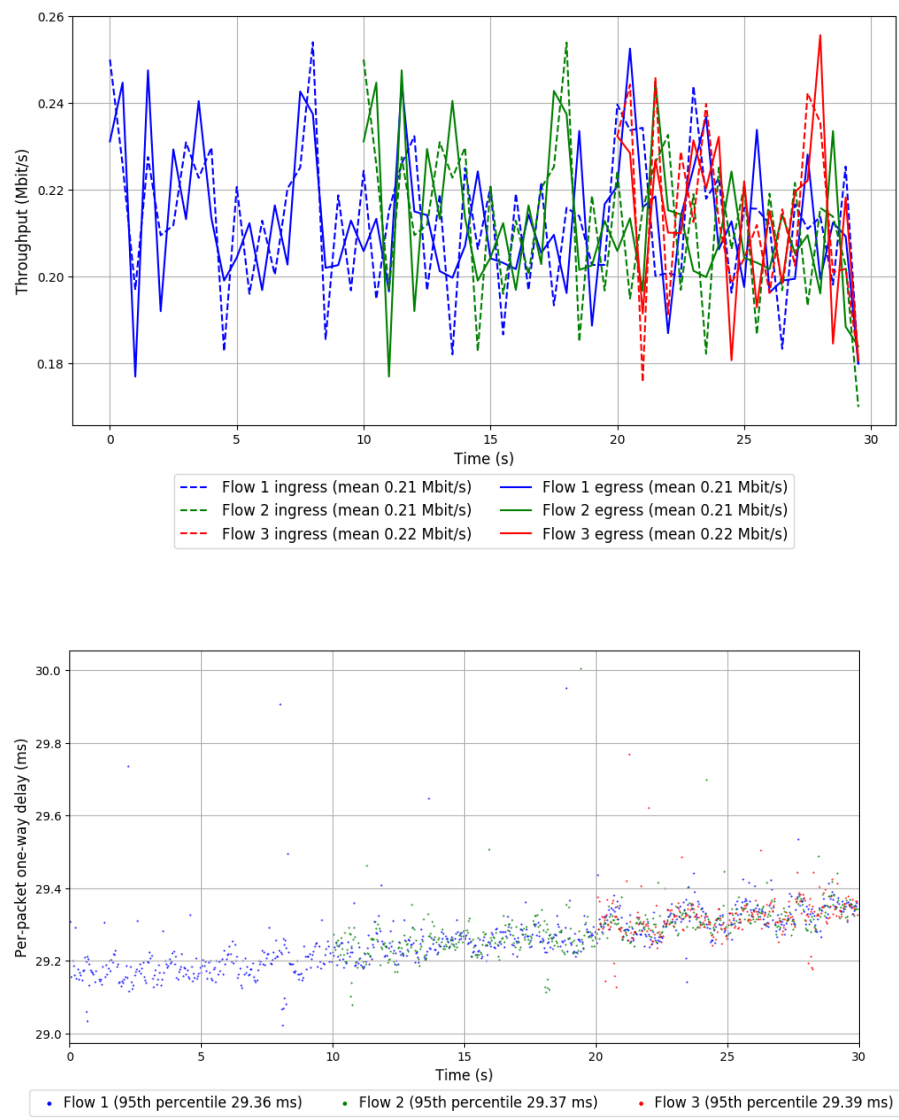


Run 6: Statistics of SReAM

Start at: 2018-02-13 15:30:16
End at: 2018-02-13 15:30:46
Local clock offset: 3.408 ms
Remote clock offset: -19.972 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 29.369 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.364 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.366 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.387 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

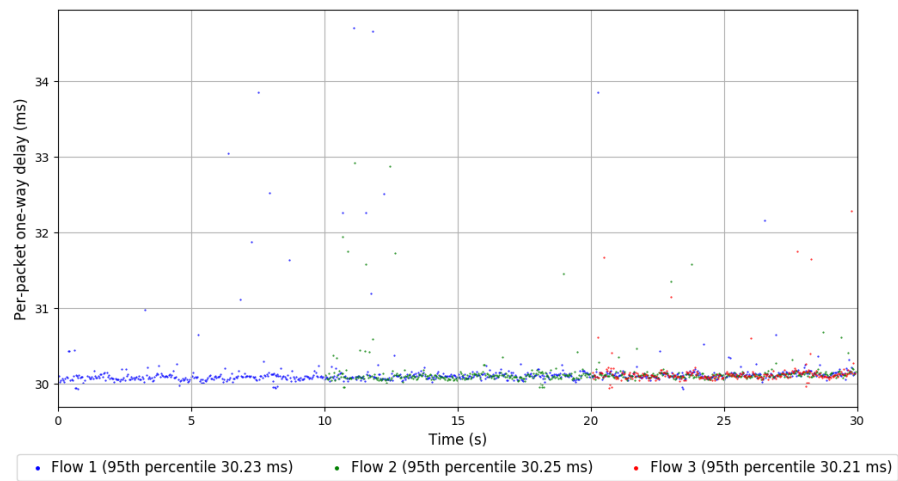
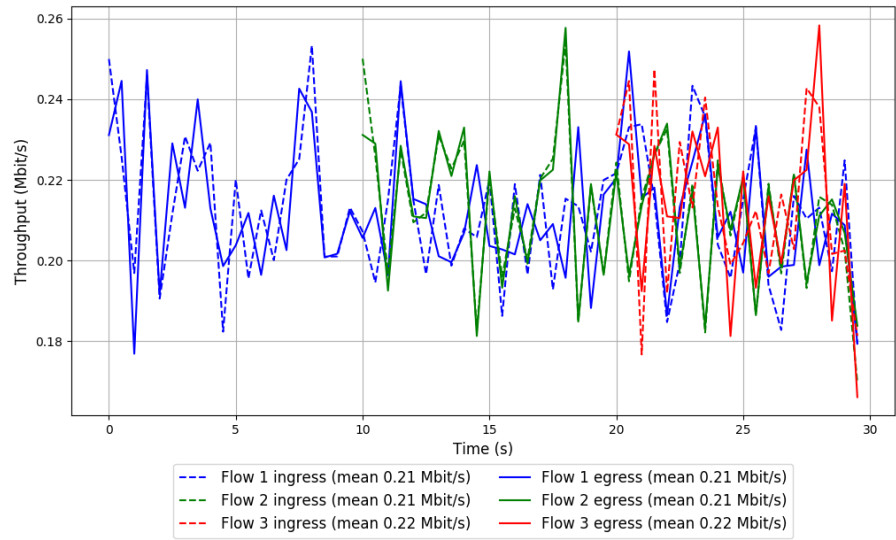


Run 7: Statistics of SReAM

Start at: 2018-02-13 15:52:10
End at: 2018-02-13 15:52:40
Local clock offset: 2.771 ms
Remote clock offset: -16.614 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.229 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.229 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.206 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

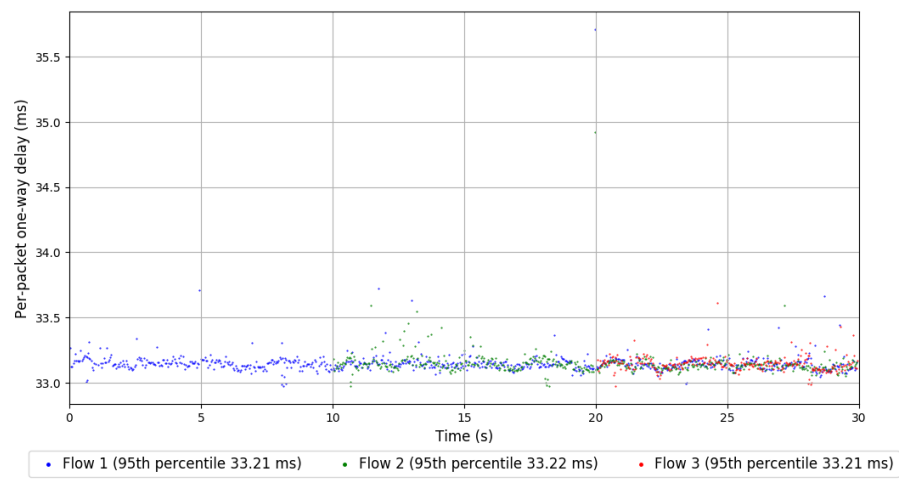
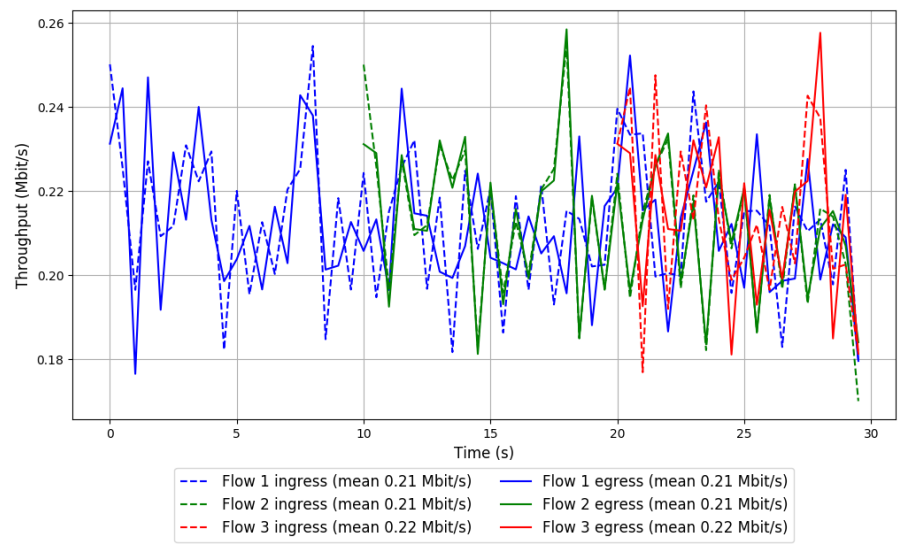


Run 8: Statistics of SReAM

Start at: 2018-02-13 16:14:27
End at: 2018-02-13 16:14:57
Local clock offset: 3.986 ms
Remote clock offset: -17.512 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.218 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.213 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.224 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.214 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

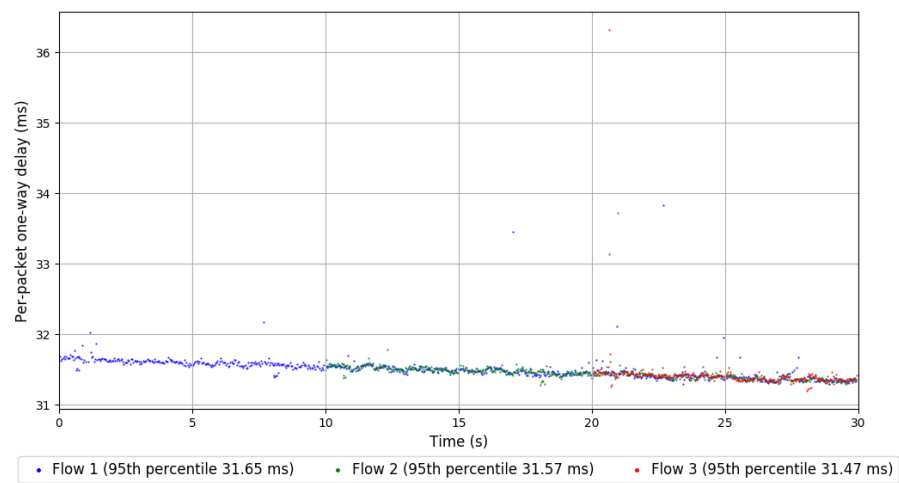
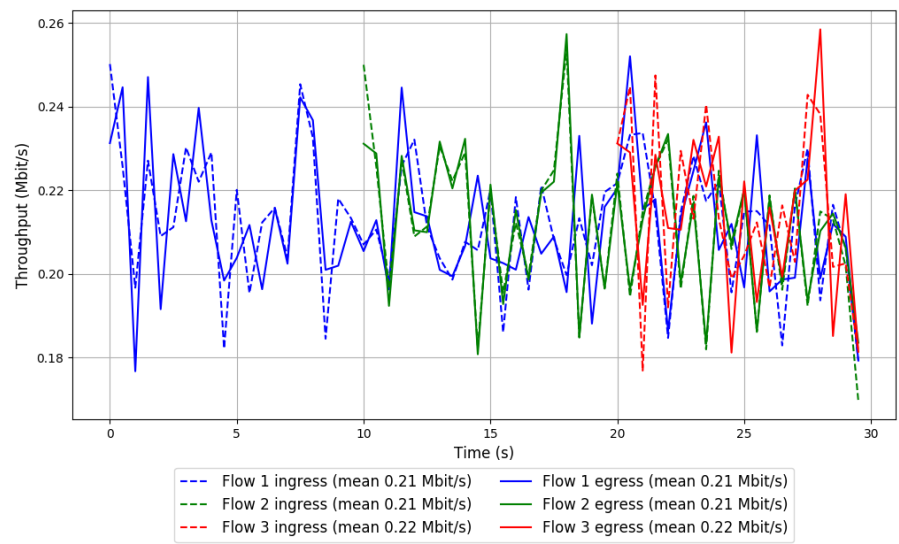


Run 9: Statistics of SCReAM

Start at: 2018-02-13 16:36:57
End at: 2018-02-13 16:37:27
Local clock offset: 2.767 ms
Remote clock offset: -17.295 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.630 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.653 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.566 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.471 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

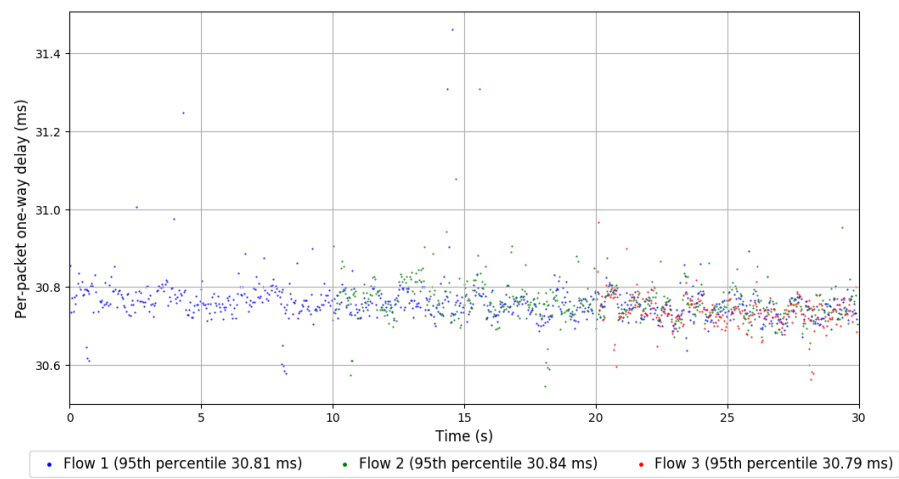
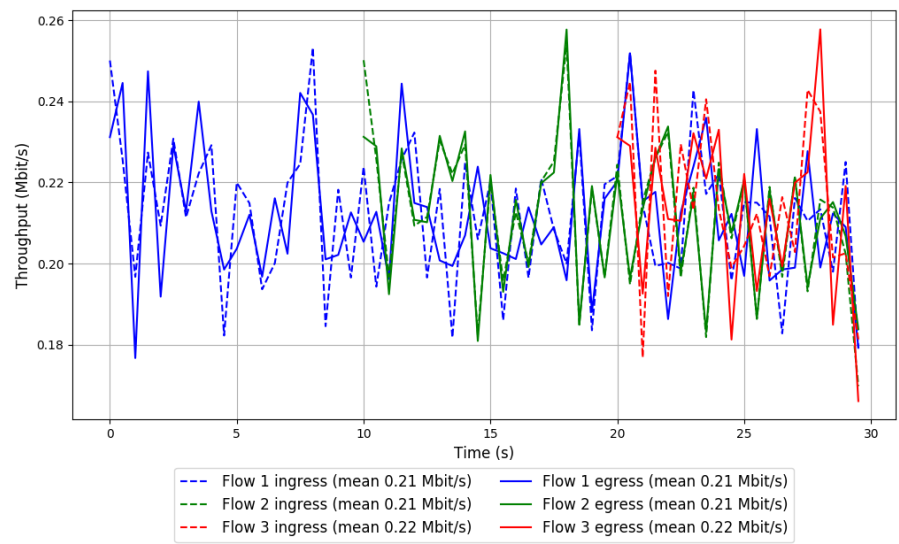


Run 10: Statistics of SReAM

Start at: 2018-02-13 16:58:58
End at: 2018-02-13 16:59:28
Local clock offset: 1.136 ms
Remote clock offset: -22.691 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.819 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.809 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.837 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.793 ms
Loss rate: 0.35%

Run 10: Report of SReAM — Data Link

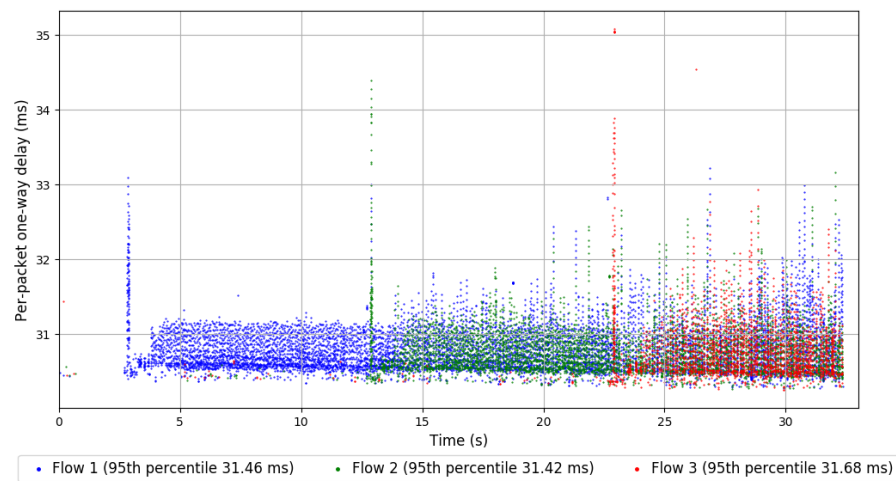
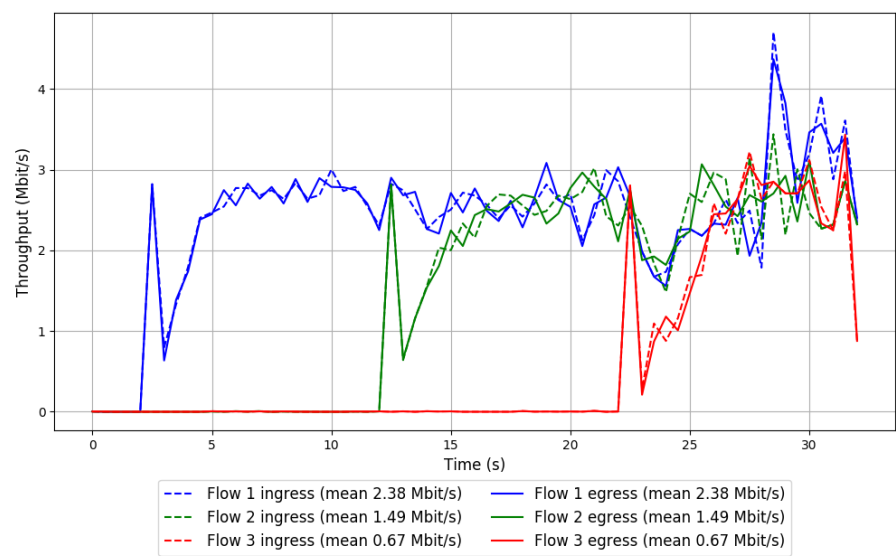


Run 1: Statistics of WebRTC media

Start at: 2018-02-13 13:48:15
End at: 2018-02-13 13:48:45
Local clock offset: 3.791 ms
Remote clock offset: -14.194 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.52 Mbit/s
95th percentile per-packet one-way delay: 31.483 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 31.460 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 31.417 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 31.682 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

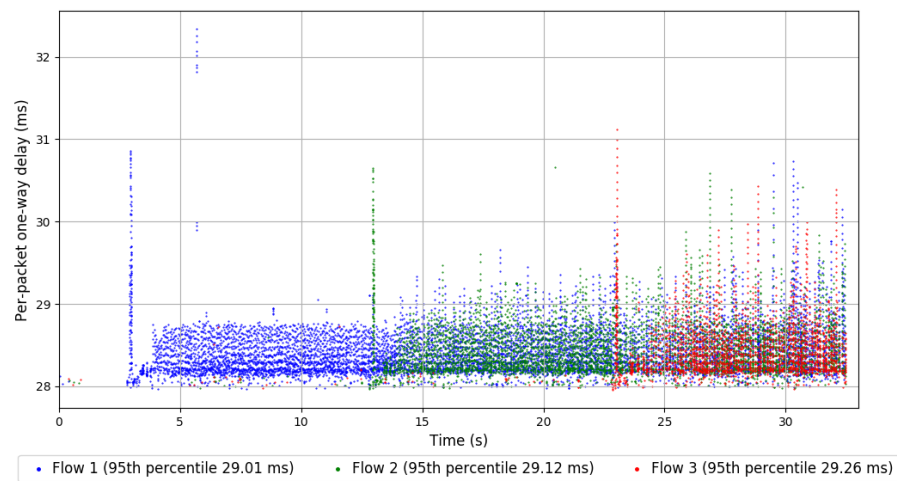
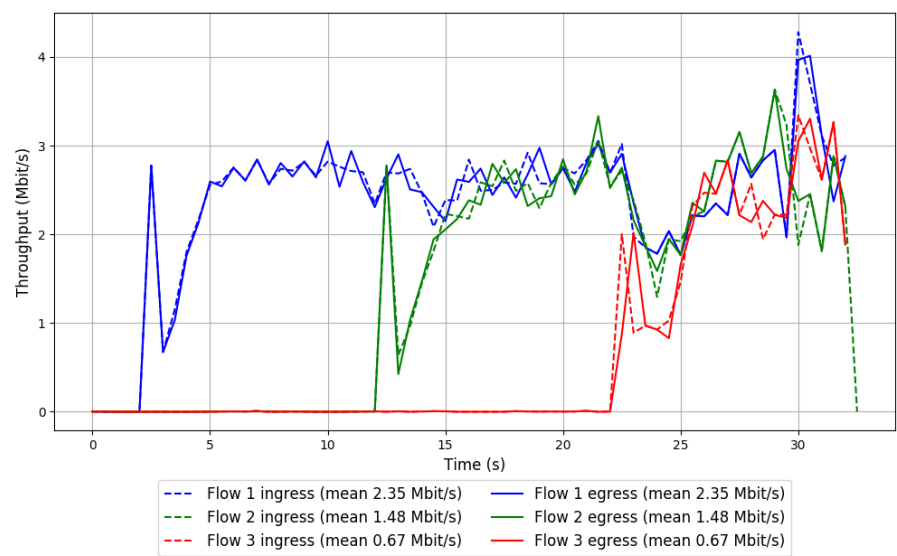


Run 2: Statistics of WebRTC media

Start at: 2018-02-13 14:10:06
End at: 2018-02-13 14:10:36
Local clock offset: 2.496 ms
Remote clock offset: -16.794 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 29.088 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 29.014 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 29.120 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 29.260 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

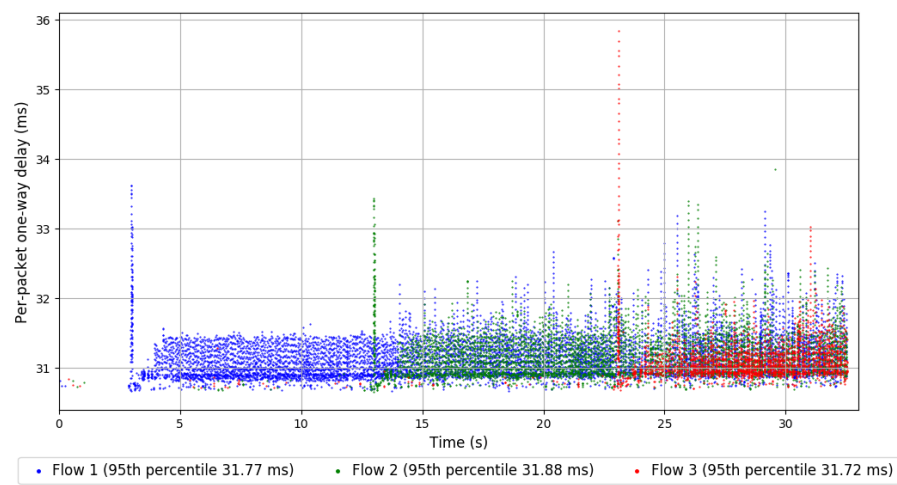
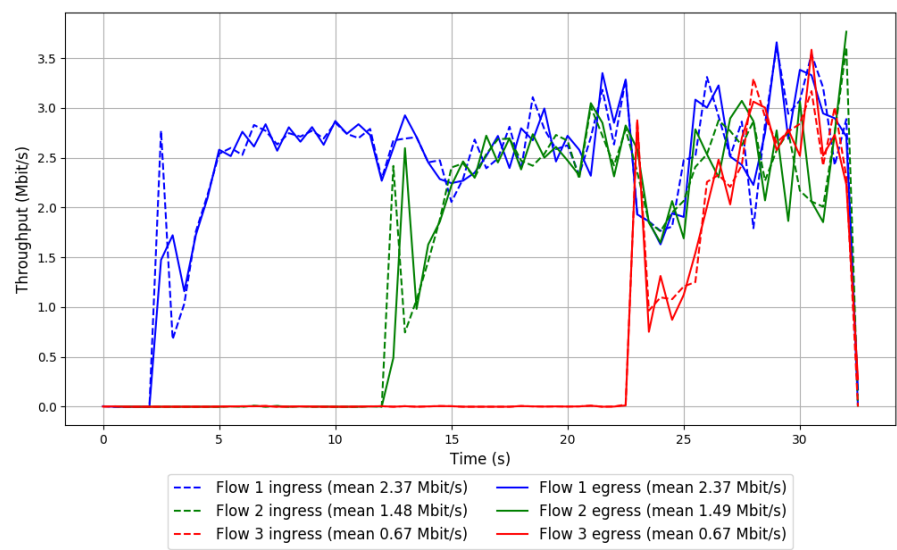


Run 3: Statistics of WebRTC media

Start at: 2018-02-13 14:31:34
End at: 2018-02-13 14:32:04
Local clock offset: 3.436 ms
Remote clock offset: -20.344 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 31.799 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 31.769 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 31.875 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 31.721 ms
Loss rate: 0.19%

Run 3: Report of WebRTC media — Data Link

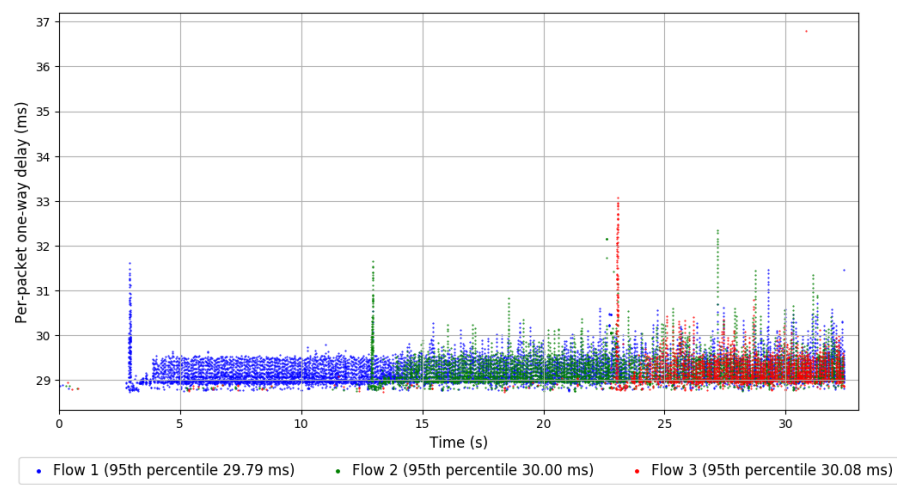
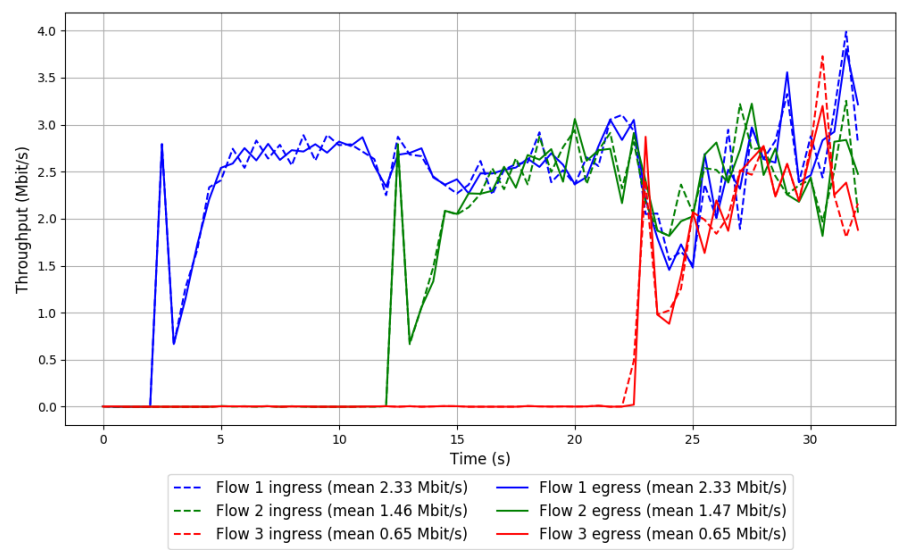


Run 4: Statistics of WebRTC media

Start at: 2018-02-13 14:53:27
End at: 2018-02-13 14:53:57
Local clock offset: -0.808 ms
Remote clock offset: -22.833 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 29.889 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 29.788 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 29.998 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 30.077 ms
Loss rate: 0.67%

Run 4: Report of WebRTC media — Data Link

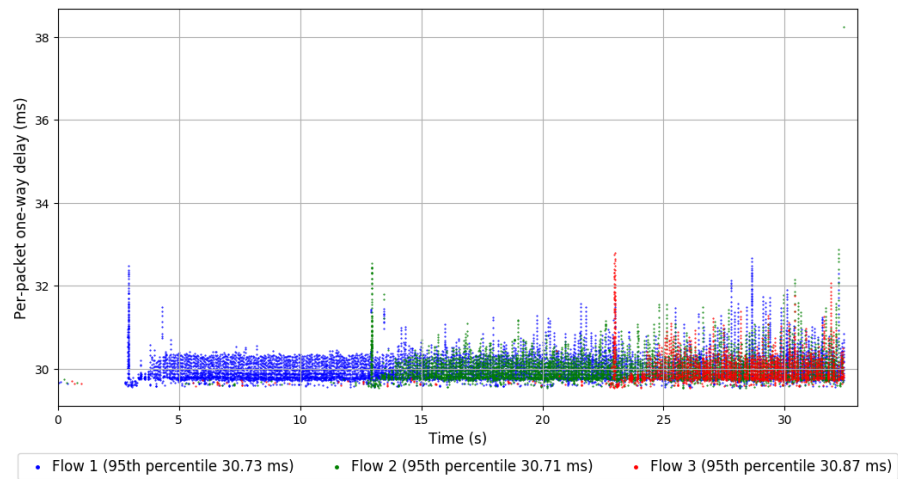
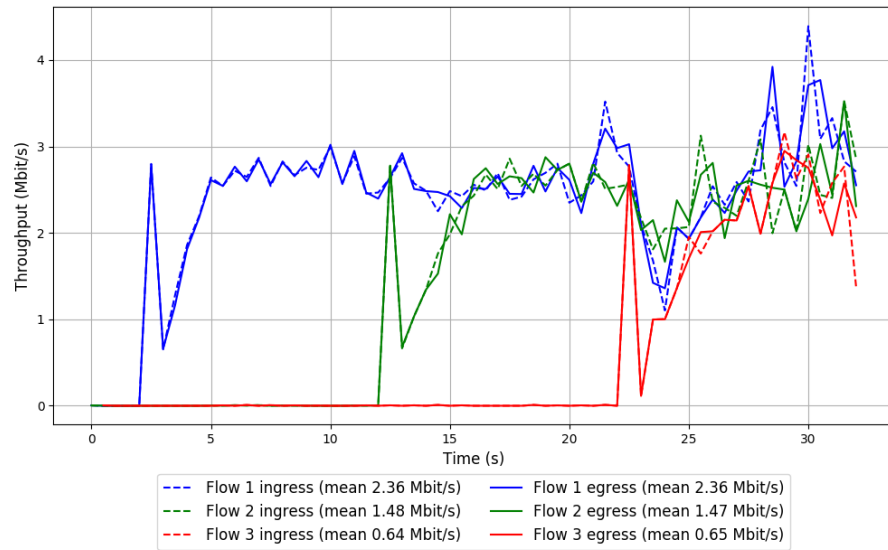


Run 5: Statistics of WebRTC media

Start at: 2018-02-13 15:15:19
End at: 2018-02-13 15:15:49
Local clock offset: 4.049 ms
Remote clock offset: -20.715 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 30.748 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 30.733 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 30.712 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 30.866 ms
Loss rate: 0.01%

Run 5: Report of WebRTC media — Data Link

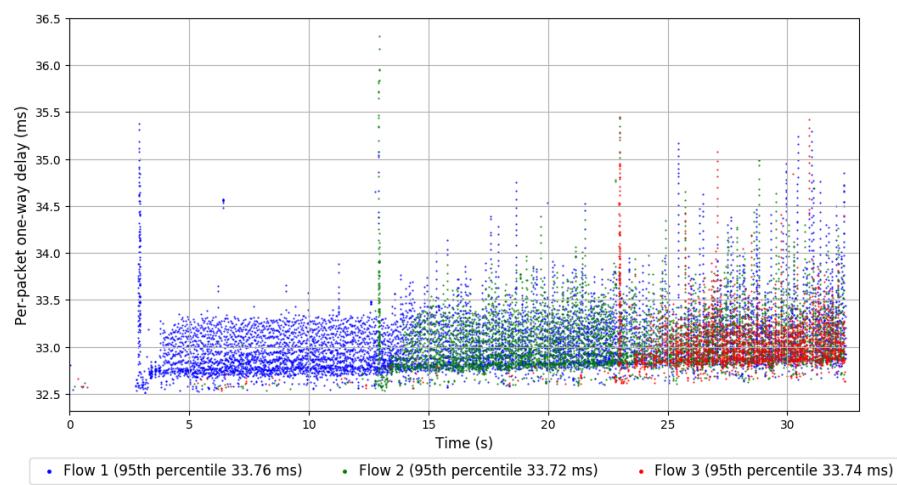
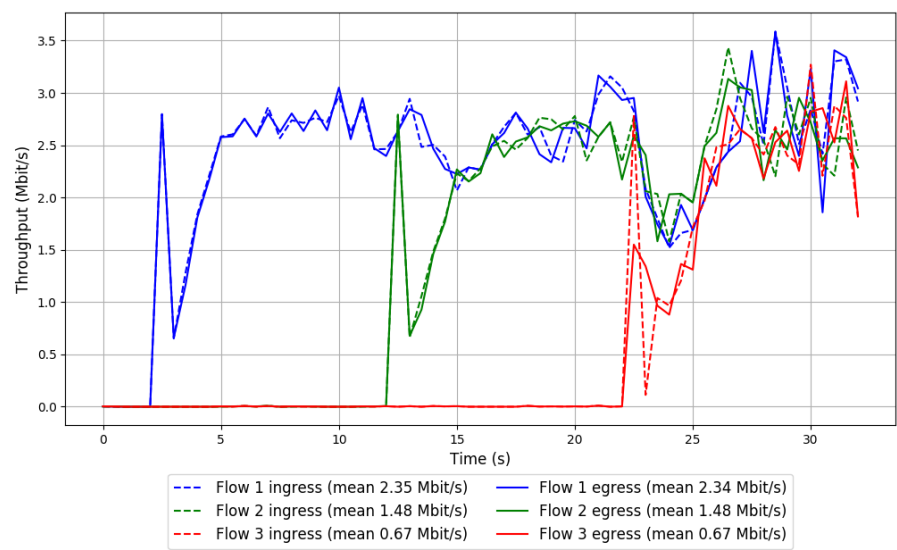


Run 6: Statistics of WebRTC media

Start at: 2018-02-13 15:37:26
End at: 2018-02-13 15:37:56
Local clock offset: 2.898 ms
Remote clock offset: -21.354 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 33.738 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 33.758 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 33.715 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 33.744 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

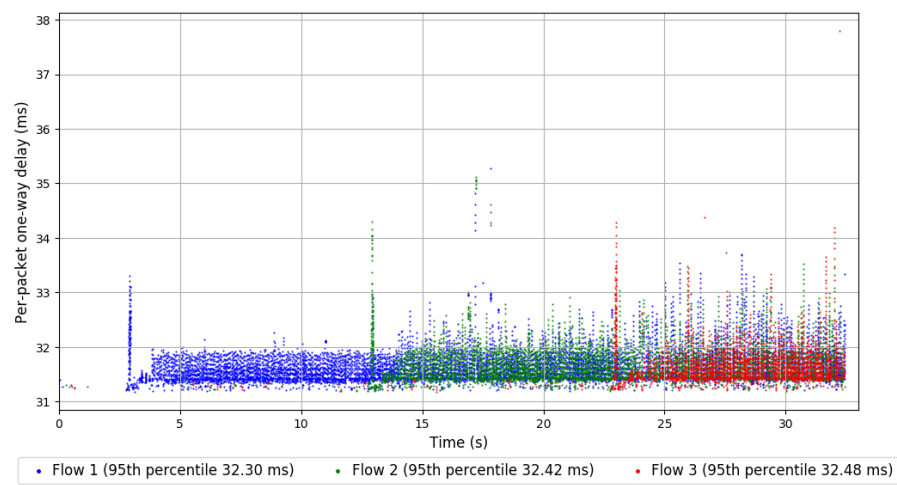
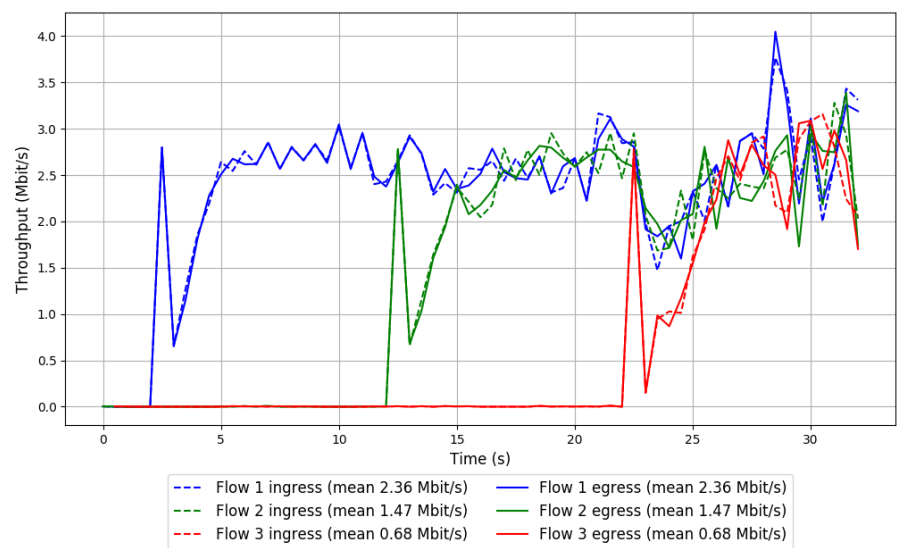


Run 7: Statistics of WebRTC media

Start at: 2018-02-13 15:59:24
End at: 2018-02-13 15:59:54
Local clock offset: 2.289 ms
Remote clock offset: -17.743 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 32.366 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 32.295 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 32.418 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 32.475 ms
Loss rate: 0.81%

Run 7: Report of WebRTC media — Data Link

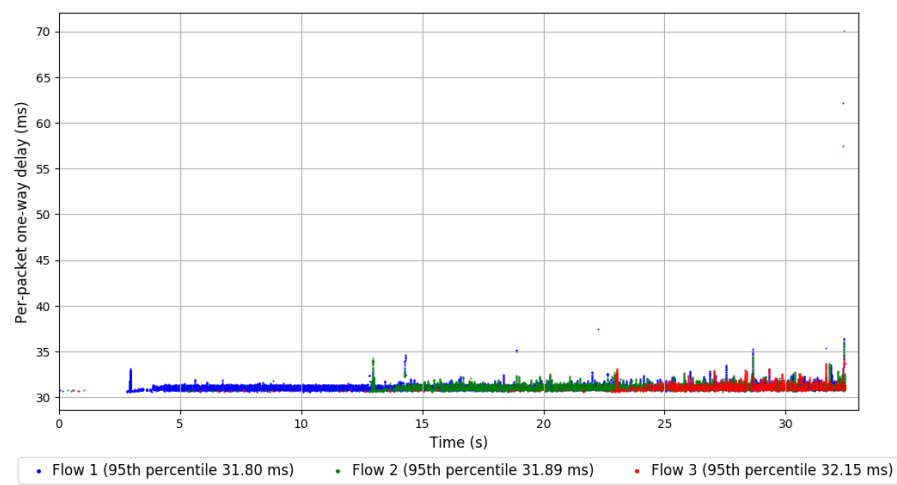
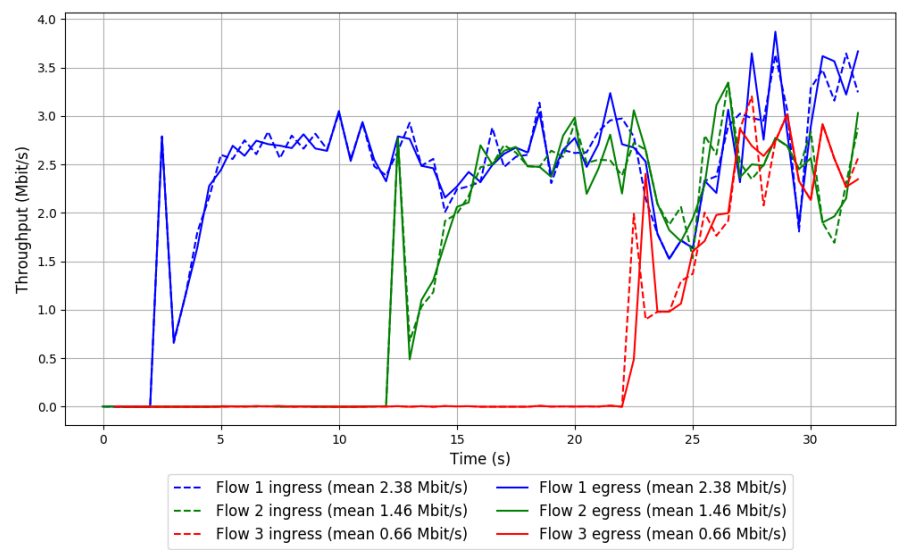


Run 8: Statistics of WebRTC media

Start at: 2018-02-13 16:21:51
End at: 2018-02-13 16:22:21
Local clock offset: 2.989 ms
Remote clock offset: -15.972 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 31.891 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 31.796 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 31.888 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 32.146 ms
Loss rate: 0.51%

Run 8: Report of WebRTC media — Data Link

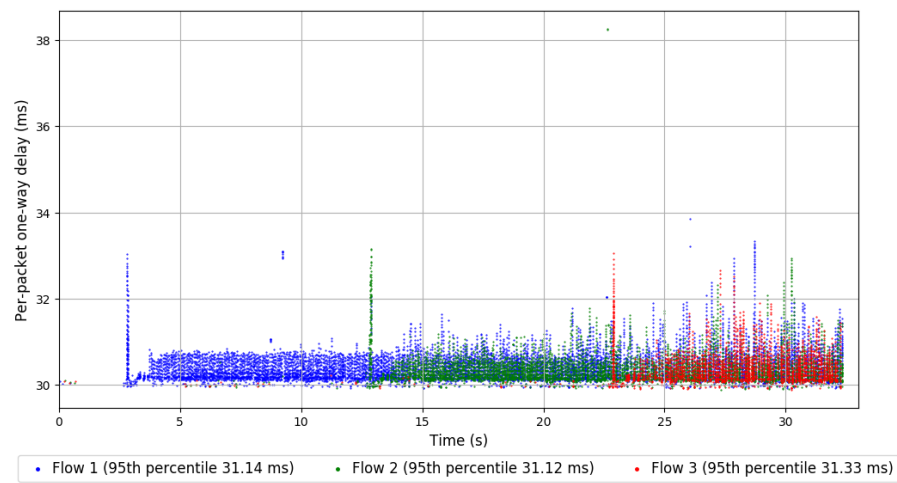
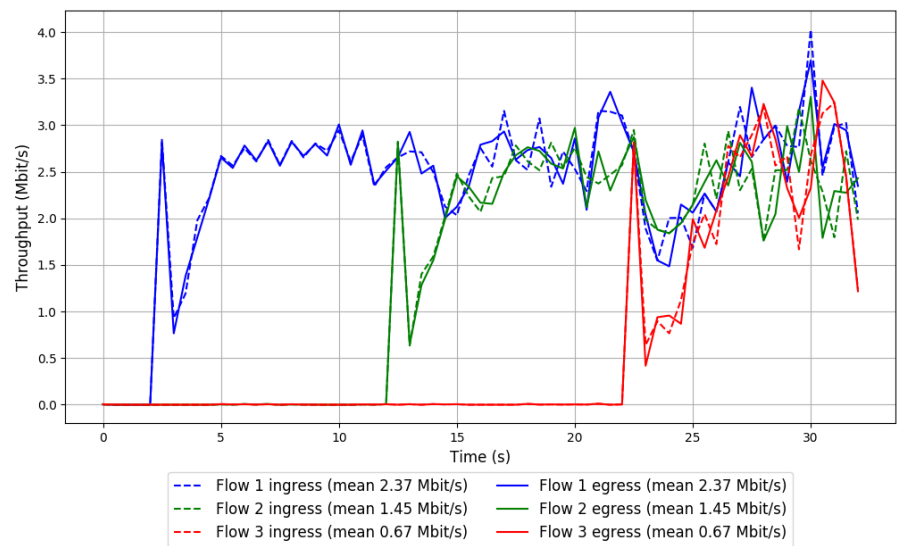


Run 9: Statistics of WebRTC media

Start at: 2018-02-13 16:44:15
End at: 2018-02-13 16:44:45
Local clock offset: 2.578 ms
Remote clock offset: -19.125 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 31.165 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 31.138 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 31.116 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 31.330 ms
Loss rate: 0.04%

Run 9: Report of WebRTC media — Data Link

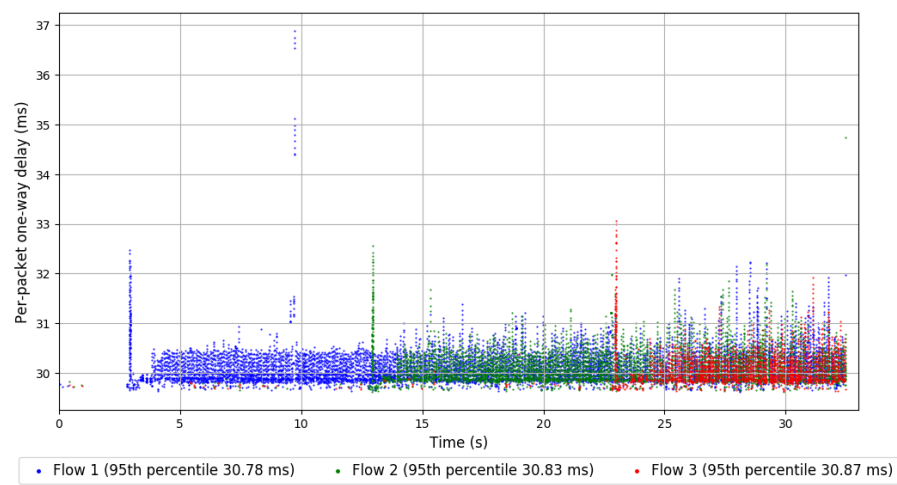
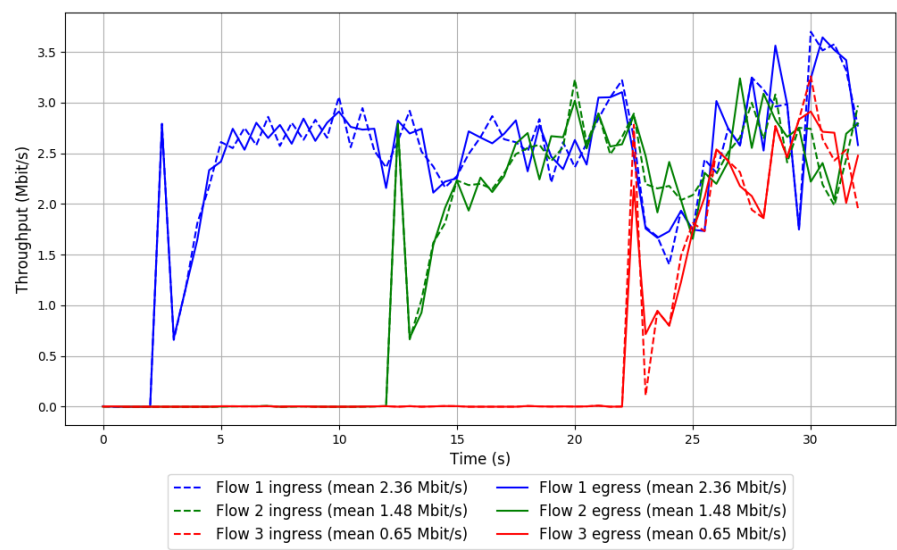


Run 10: Statistics of WebRTC media

Start at: 2018-02-13 17:06:16
End at: 2018-02-13 17:06:46
Local clock offset: 1.248 ms
Remote clock offset: -22.459 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 30.815 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 30.783 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 30.829 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 30.871 ms
Loss rate: 0.02%

Run 10: Report of WebRTC media — Data Link

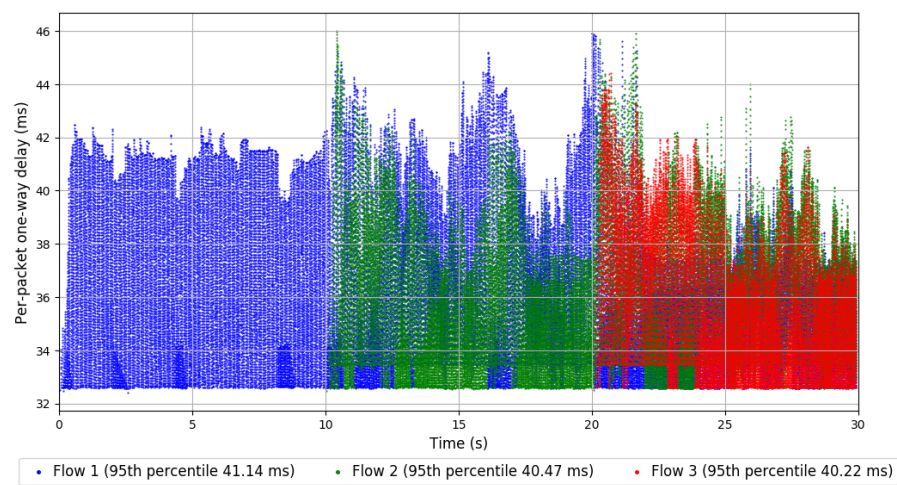
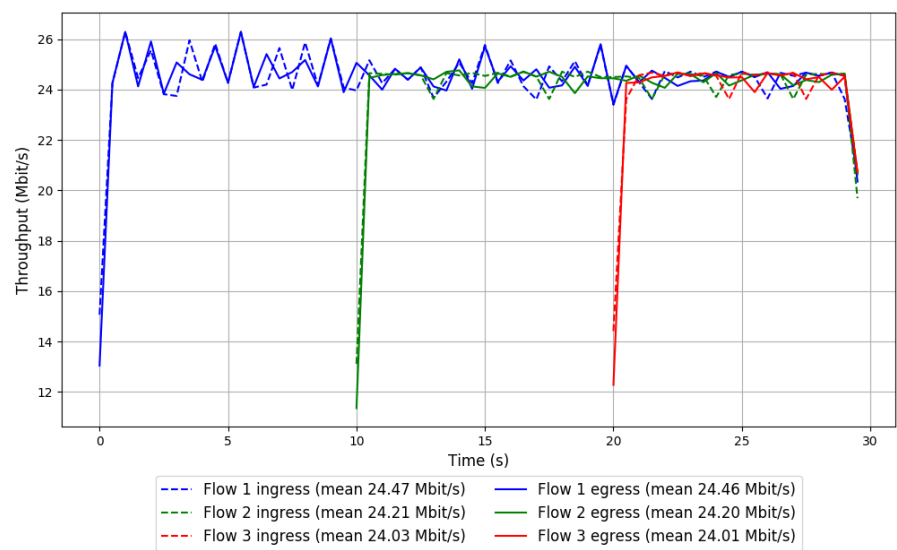


Run 1: Statistics of Sprout

Start at: 2018-02-13 13:40:01
End at: 2018-02-13 13:40:31
Local clock offset: 6.049 ms
Remote clock offset: -12.878 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 40.849 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 41.143 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 40.471 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.01 Mbit/s
95th percentile per-packet one-way delay: 40.224 ms
Loss rate: 0.41%

Run 1: Report of Sprout — Data Link

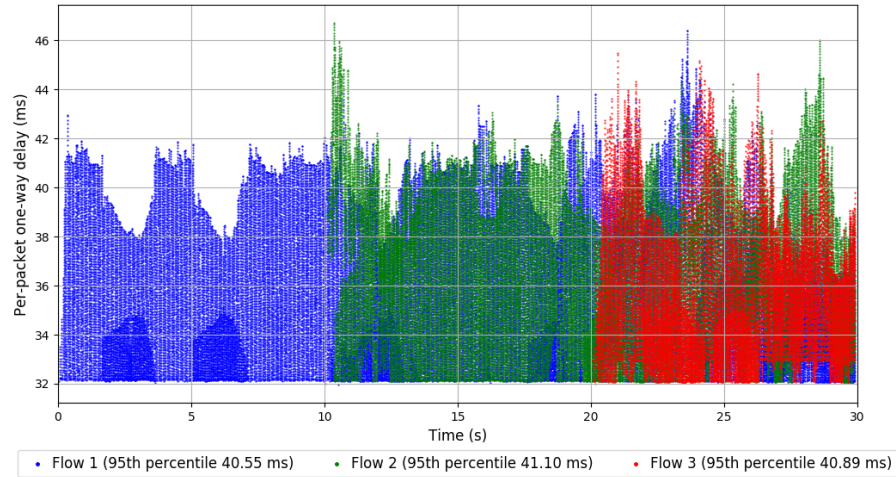
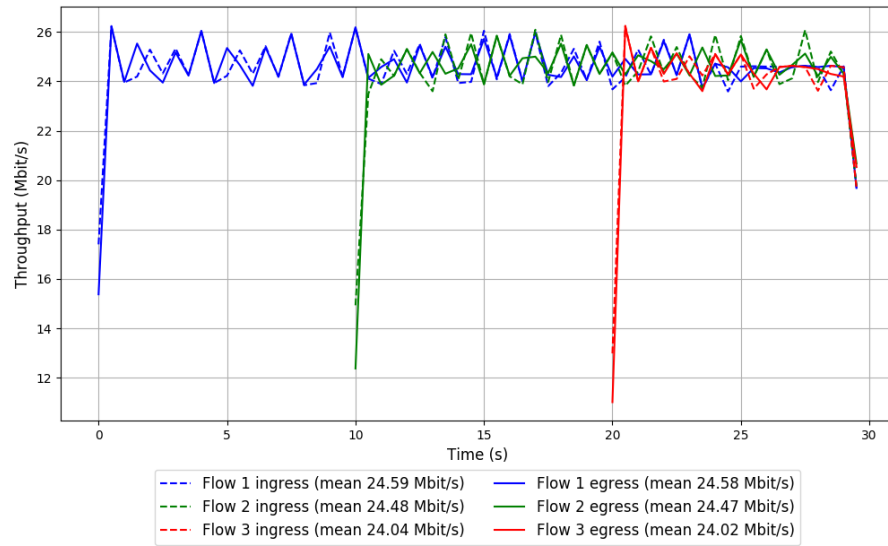


Run 2: Statistics of Sprout

Start at: 2018-02-13 14:01:50
End at: 2018-02-13 14:02:20
Local clock offset: 4.635 ms
Remote clock offset: -17.76 ms

```
# Below is generated by plot.py at 2018-02-13 21:06:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.77 Mbit/s
95th percentile per-packet one-way delay: 40.789 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 40.553 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 41.097 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 40.893 ms
Loss rate: 0.20%
```

Run 2: Report of Sprout — Data Link

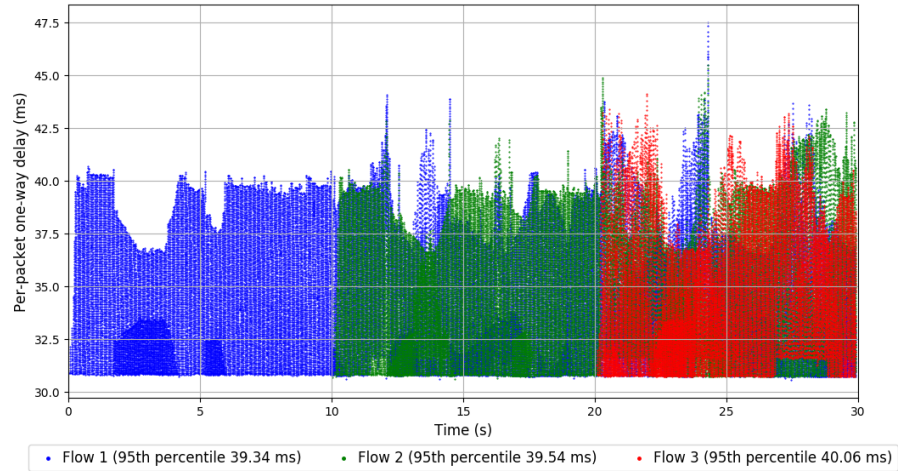
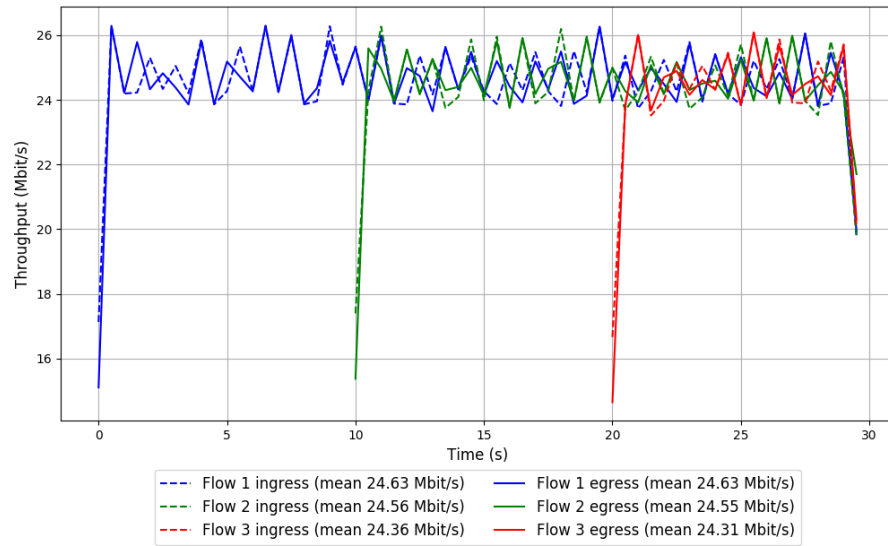


Run 3: Statistics of Sprout

Start at: 2018-02-13 14:23:20
End at: 2018-02-13 14:23:50
Local clock offset: 6.053 ms
Remote clock offset: -17.748 ms

```
# Below is generated by plot.py at 2018-02-13 21:06:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.96 Mbit/s
95th percentile per-packet one-way delay: 39.512 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 39.335 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 39.536 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 40.060 ms
Loss rate: 0.37%
```


Run 3: Report of Sprout — Data Link

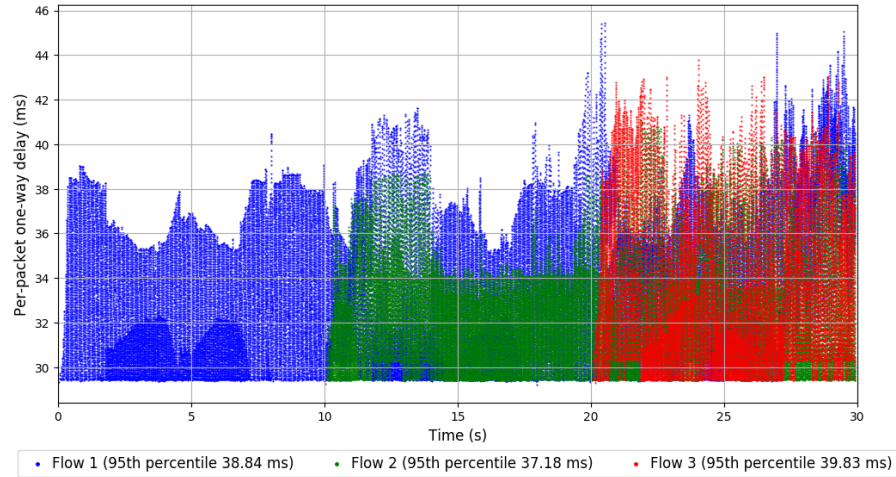
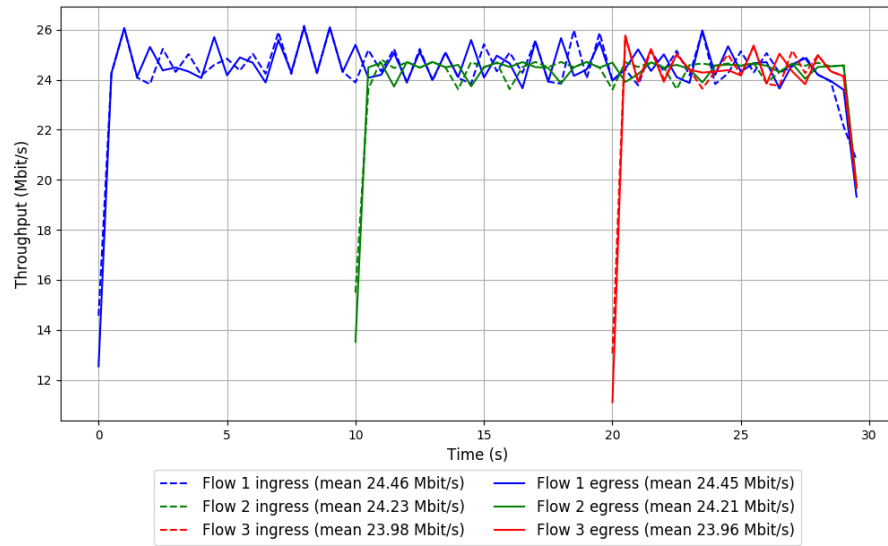


Run 4: Statistics of Sprout

Start at: 2018-02-13 14:45:08
End at: 2018-02-13 14:45:38
Local clock offset: 2.991 ms
Remote clock offset: -19.197 ms

```
# Below is generated by plot.py at 2018-02-13 21:06:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.44 Mbit/s
95th percentile per-packet one-way delay: 38.654 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 38.843 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 37.183 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 39.829 ms
Loss rate: 0.42%
```

Run 4: Report of Sprout — Data Link

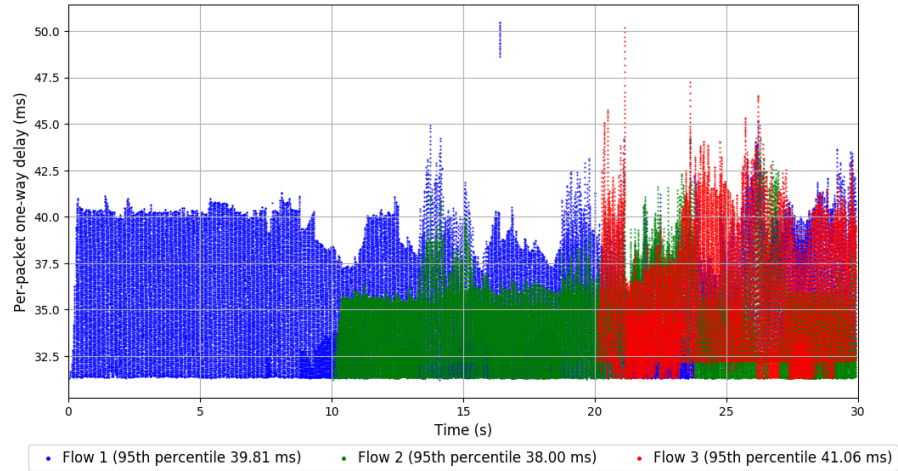
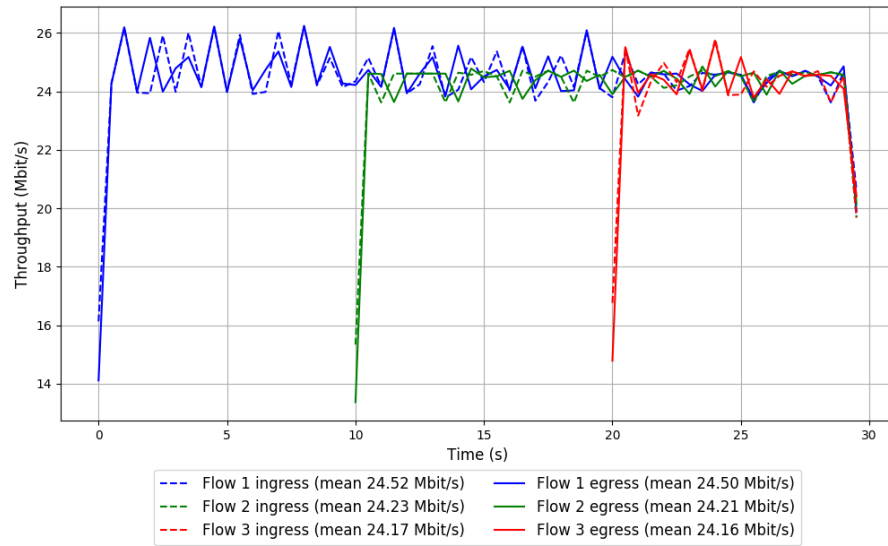


Run 5: Statistics of Sprout

Start at: 2018-02-13 15:06:54
End at: 2018-02-13 15:07:24
Local clock offset: 4.578 ms
Remote clock offset: -20.891 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.57 Mbit/s
95th percentile per-packet one-way delay: 39.800 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 39.808 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 38.000 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 41.065 ms
Loss rate: 0.19%

Run 5: Report of Sprout — Data Link

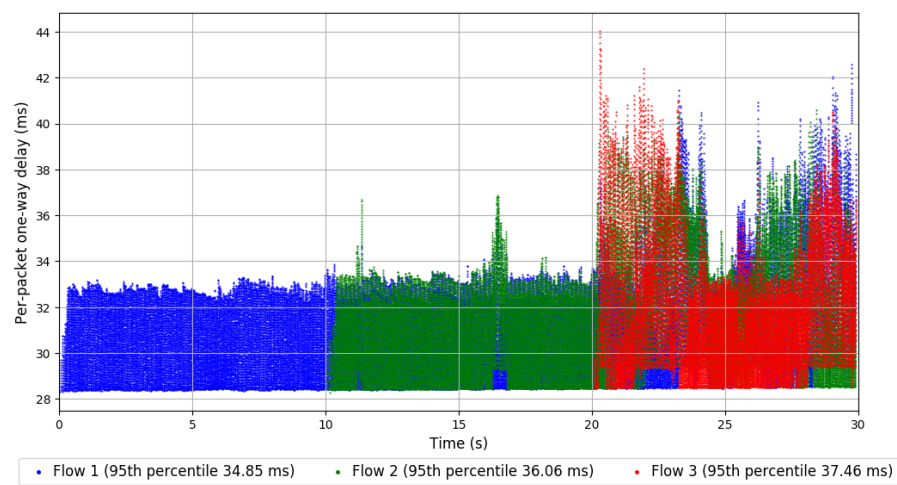
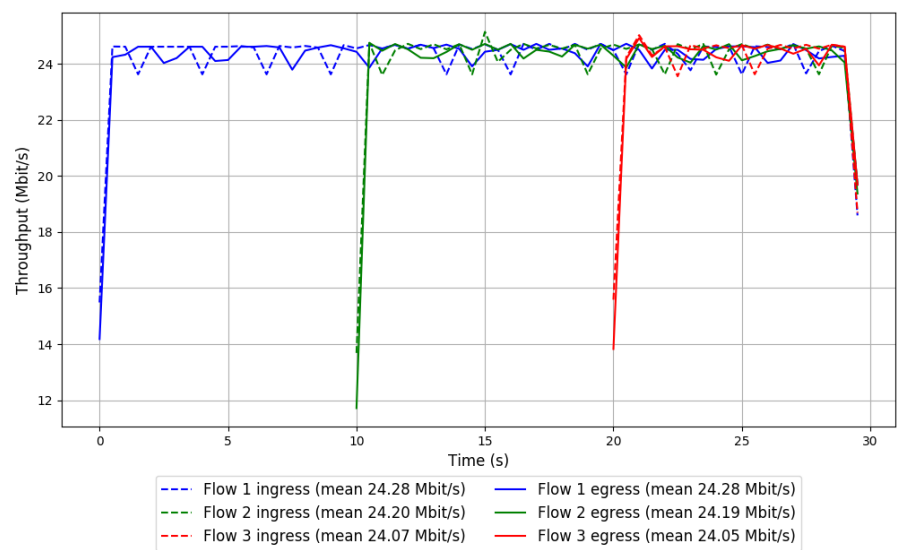


Run 6: Statistics of Sprout

Start at: 2018-02-13 15:29:06
End at: 2018-02-13 15:29:36
Local clock offset: 1.017 ms
Remote clock offset: -21.972 ms

Below is generated by plot.py at 2018-02-13 21:06:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 35.949 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 34.848 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 36.064 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 37.459 ms
Loss rate: 0.20%

Run 6: Report of Sprout — Data Link

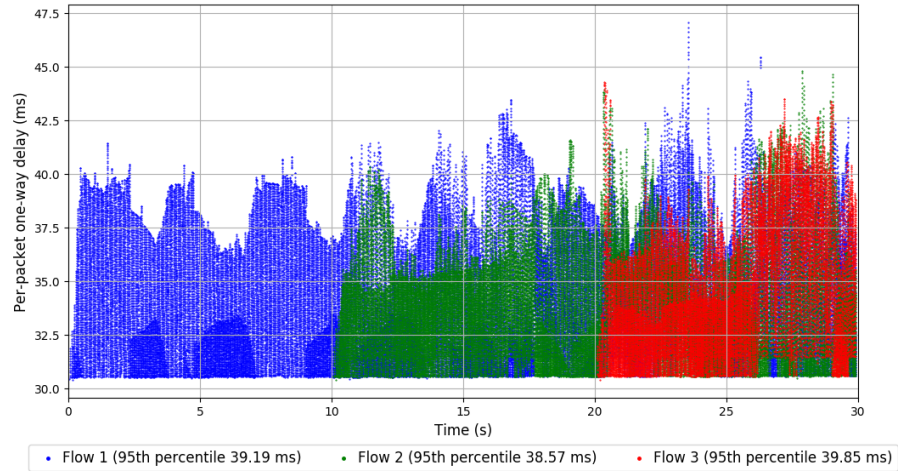
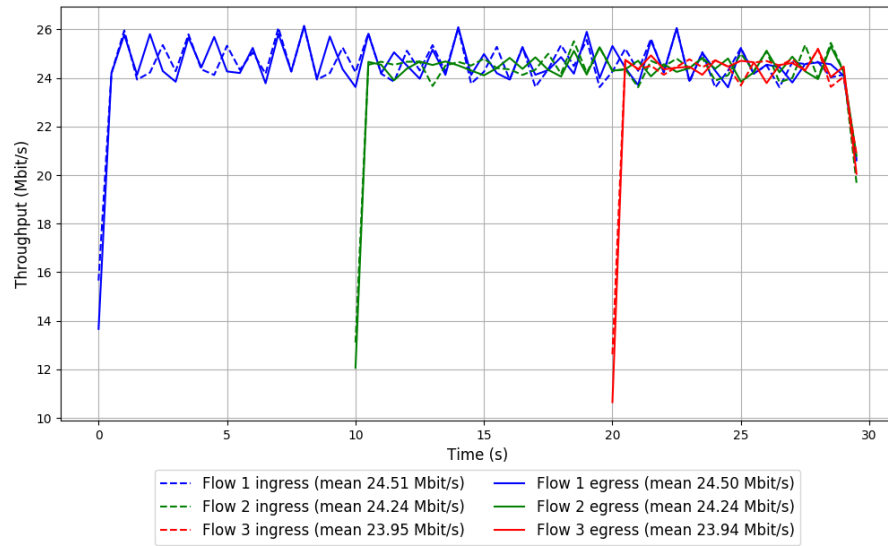


Run 7: Statistics of Sprout

Start at: 2018-02-13 15:51:01
End at: 2018-02-13 15:51:31
Local clock offset: 2.184 ms
Remote clock offset: -17.787 ms

Below is generated by plot.py at 2018-02-13 21:06:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.50 Mbit/s
95th percentile per-packet one-way delay: 39.190 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 39.193 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 38.568 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 39.853 ms
Loss rate: 0.42%

Run 7: Report of Sprout — Data Link

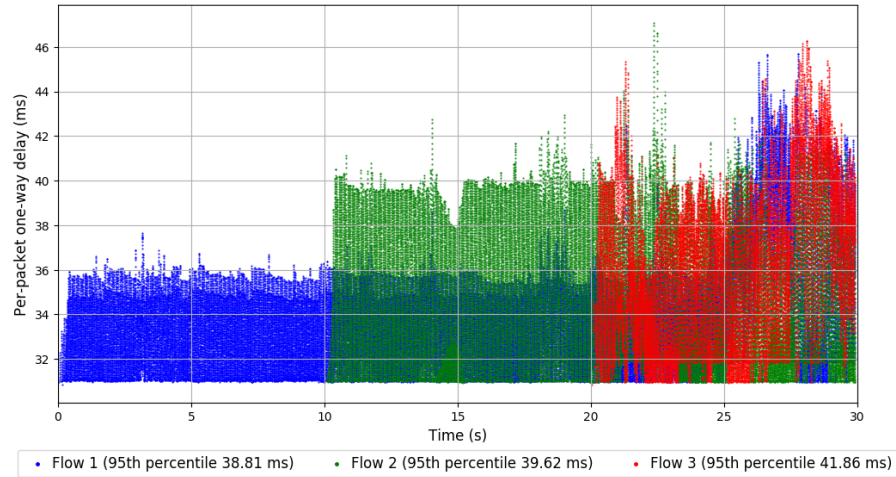
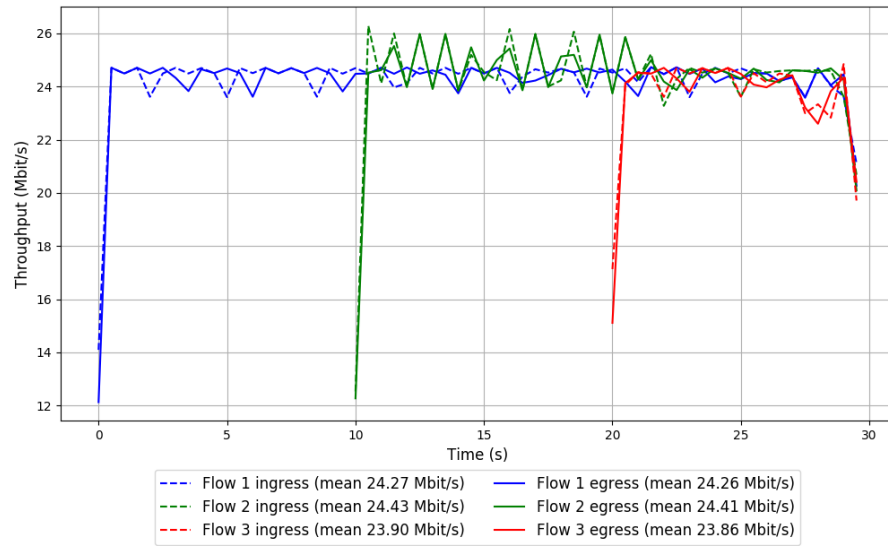


Run 8: Statistics of Sprout

Start at: 2018-02-13 16:13:18
End at: 2018-02-13 16:13:48
Local clock offset: 3.454 ms
Remote clock offset: -15.821 ms

```
# Below is generated by plot.py at 2018-02-13 21:07:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 39.903 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 38.815 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 39.618 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 41.861 ms
Loss rate: 0.27%
```

Run 8: Report of Sprout — Data Link

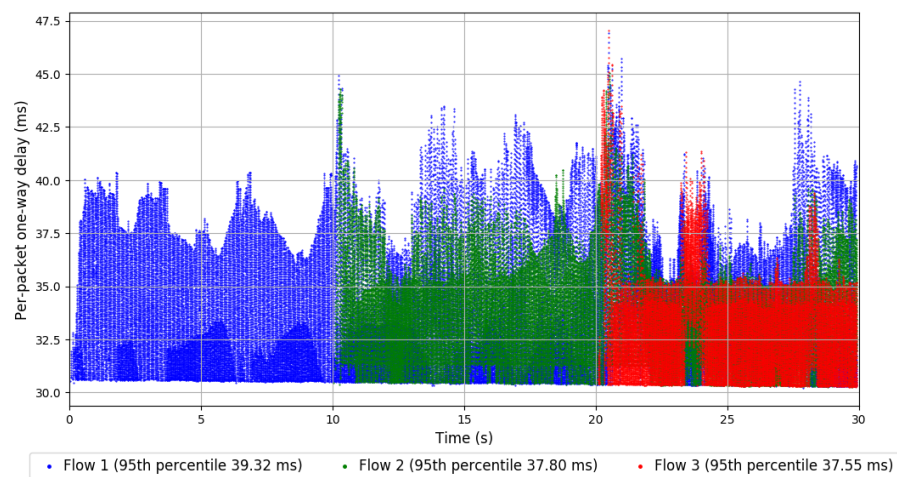
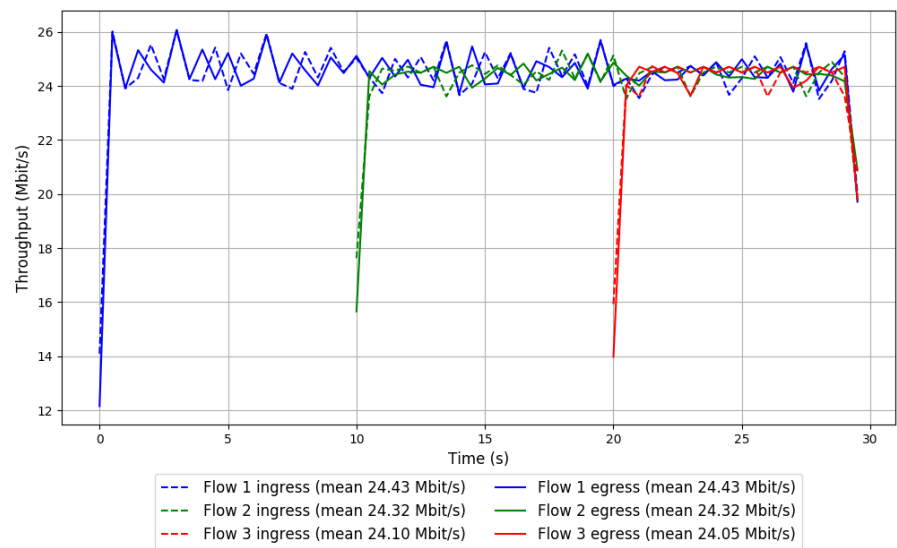


Run 9: Statistics of Sprout

Start at: 2018-02-13 16:35:48
End at: 2018-02-13 16:36:19
Local clock offset: 2.44 ms
Remote clock offset: -15.862 ms

Below is generated by plot.py at 2018-02-13 21:07:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 38.699 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 39.318 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 37.801 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 37.550 ms
Loss rate: 0.39%

Run 9: Report of Sprout — Data Link

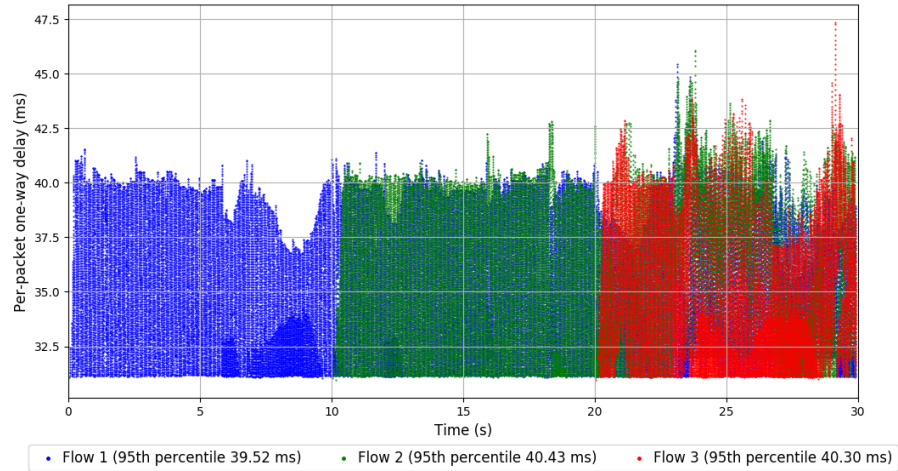
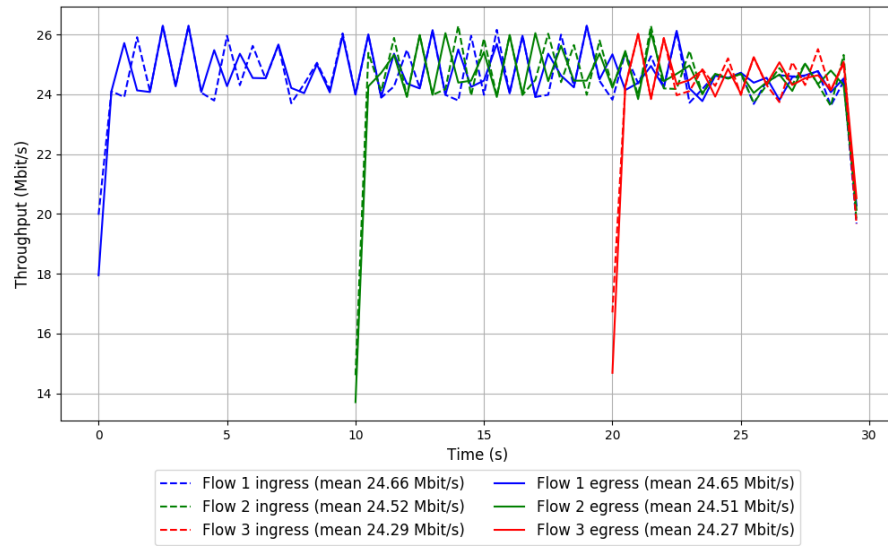


Run 10: Statistics of Sprout

Start at: 2018-02-13 16:57:50
End at: 2018-02-13 16:58:20
Local clock offset: 1.745 ms
Remote clock offset: -22.374 ms

Below is generated by plot.py at 2018-02-13 21:07:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.96 Mbit/s
95th percentile per-packet one-way delay: 39.950 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 39.525 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 40.431 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 40.302 ms
Loss rate: 0.22%

Run 10: Report of Sprout — Data Link

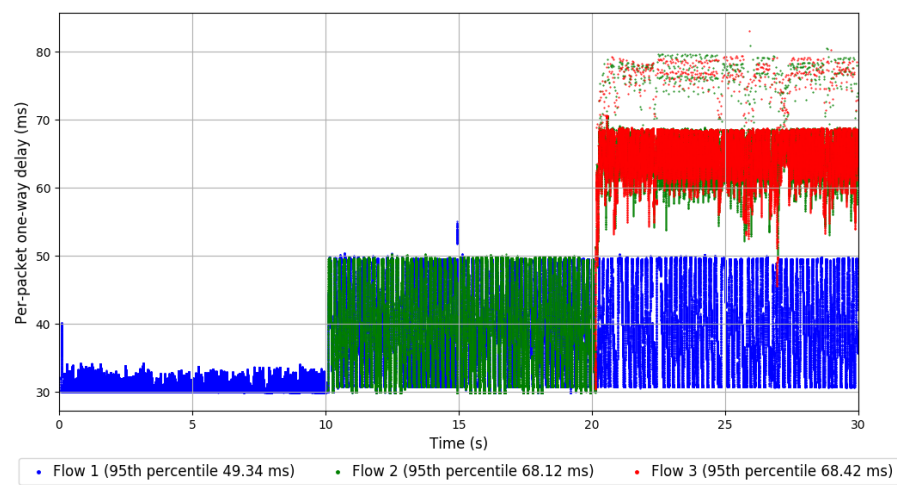
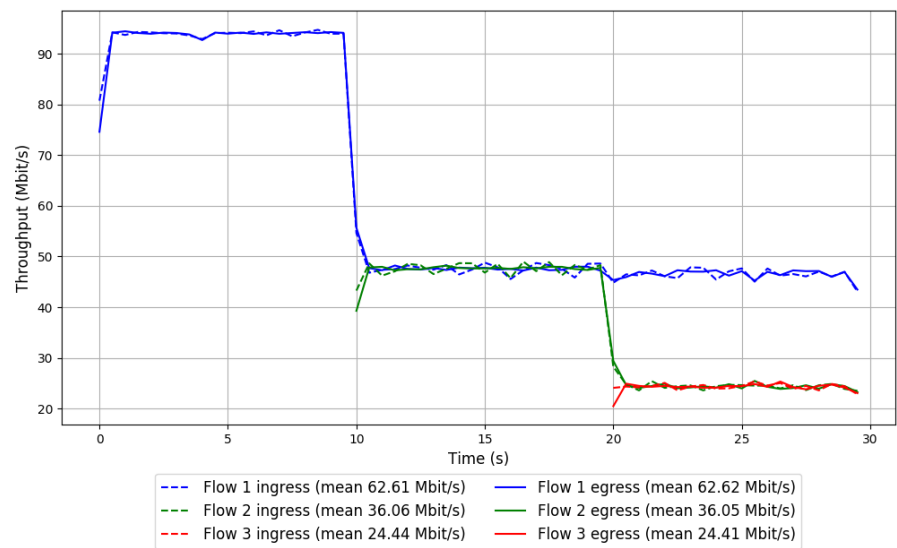


Run 1: Statistics of TaoVA-100x

Start at: 2018-02-13 13:49:21
End at: 2018-02-13 13:49:51
Local clock offset: 2.597 ms
Remote clock offset: -15.125 ms

Below is generated by plot.py at 2018-02-13 21:08:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 66.927 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 62.62 Mbit/s
95th percentile per-packet one-way delay: 49.335 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 68.116 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 68.418 ms
Loss rate: 0.59%

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

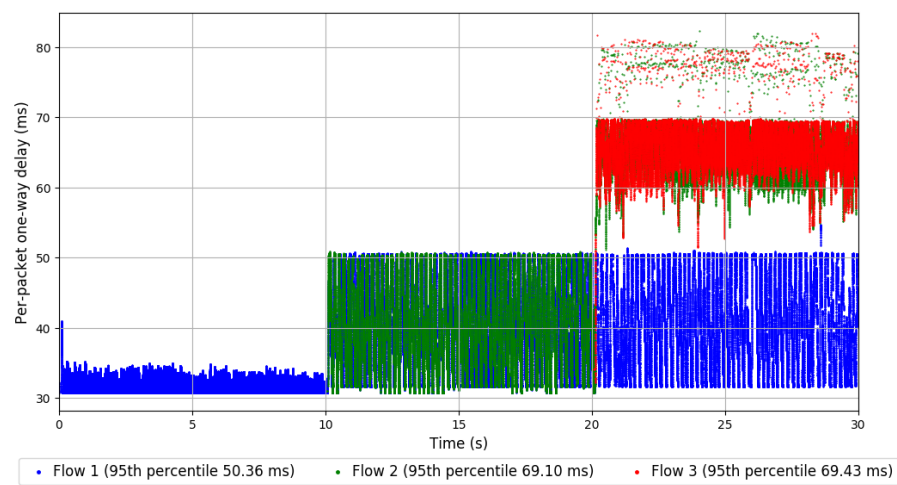
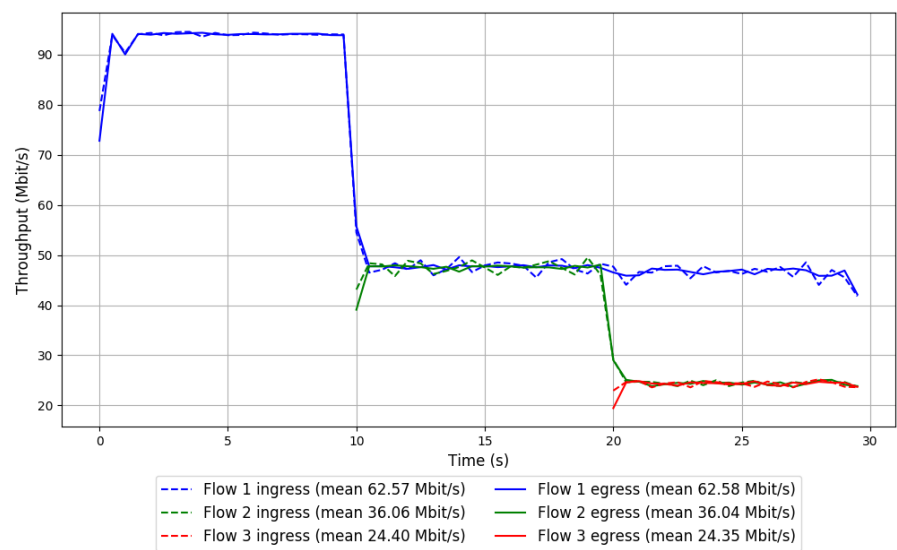


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-13 14:11:12
End at: 2018-02-13 14:11:42
Local clock offset: 3.572 ms
Remote clock offset: -18.406 ms

Below is generated by plot.py at 2018-02-13 21:08:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 67.839 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 62.58 Mbit/s
95th percentile per-packet one-way delay: 50.357 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.04 Mbit/s
95th percentile per-packet one-way delay: 69.099 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 69.426 ms
Loss rate: 0.56%

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

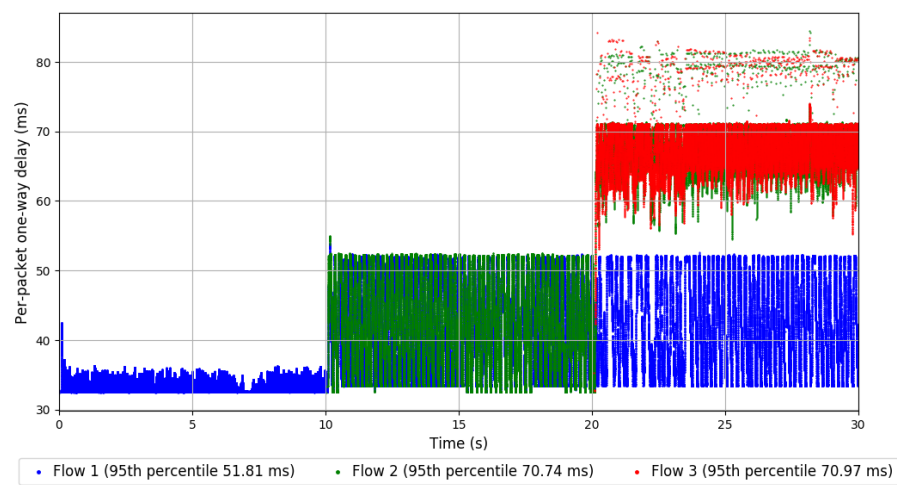
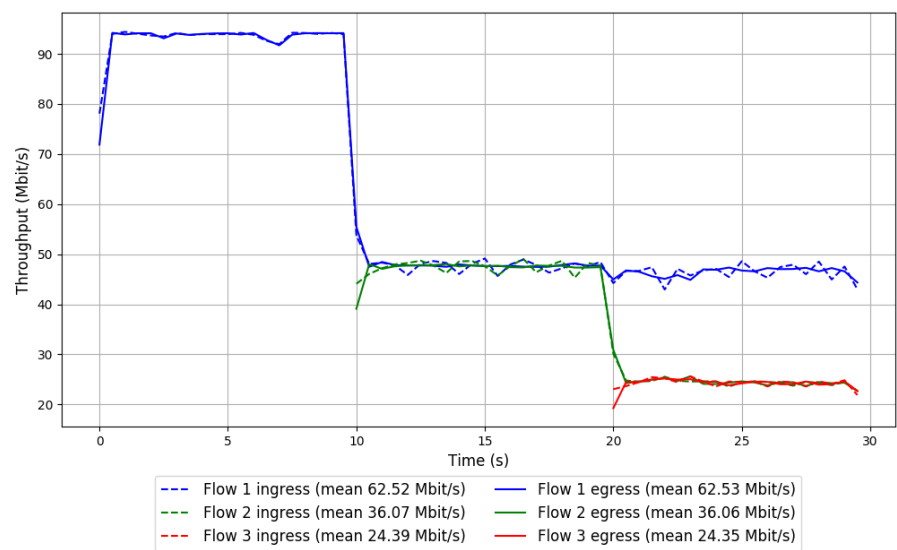


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-13 14:32:40
End at: 2018-02-13 14:33:10
Local clock offset: 5.026 ms
Remote clock offset: -20.334 ms

Below is generated by plot.py at 2018-02-13 21:09:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 69.475 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 62.53 Mbit/s
95th percentile per-packet one-way delay: 51.815 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 70.737 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 70.965 ms
Loss rate: 0.57%

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

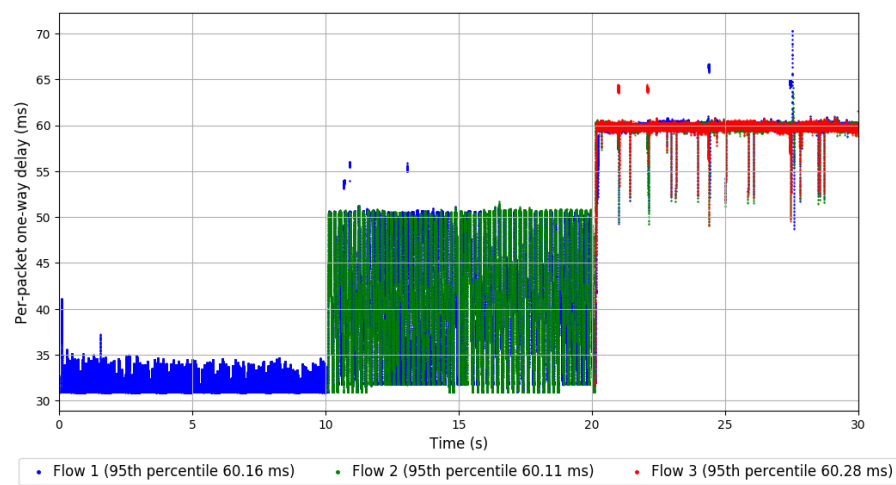
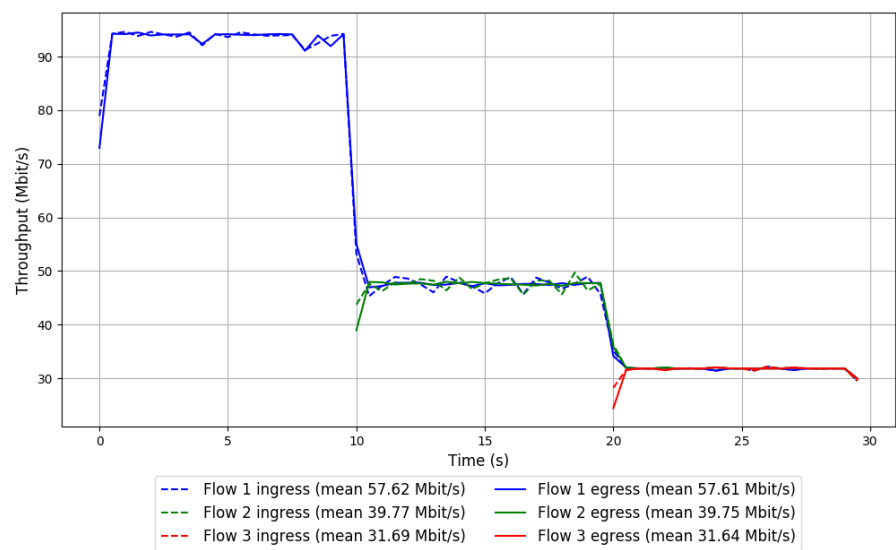


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-13 14:54:33
End at: 2018-02-13 14:55:03
Local clock offset: 3.523 ms
Remote clock offset: -20.422 ms

Below is generated by plot.py at 2018-02-13 21:09:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.54 Mbit/s
95th percentile per-packet one-way delay: 60.171 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.61 Mbit/s
95th percentile per-packet one-way delay: 60.158 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 60.111 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 60.281 ms
Loss rate: 0.54%

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

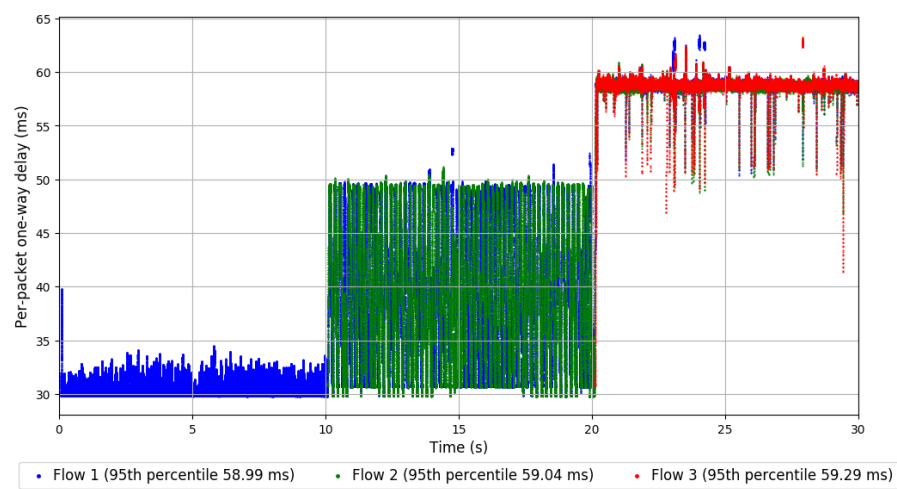
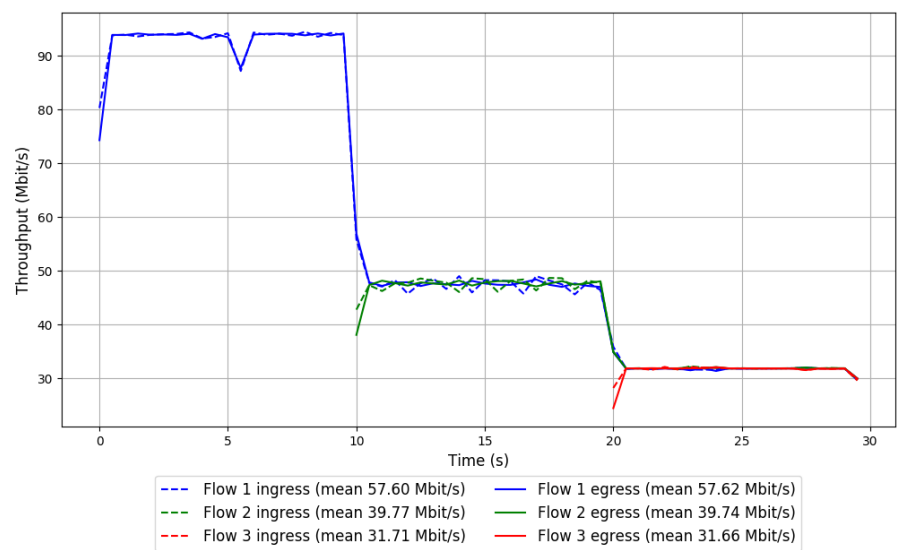


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-13 15:16:25
End at: 2018-02-13 15:16:55
Local clock offset: 1.448 ms
Remote clock offset: -23.457 ms

Below is generated by plot.py at 2018-02-13 21:09:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.54 Mbit/s
95th percentile per-packet one-way delay: 59.069 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 58.987 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 59.042 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 59.289 ms
Loss rate: 0.54%

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

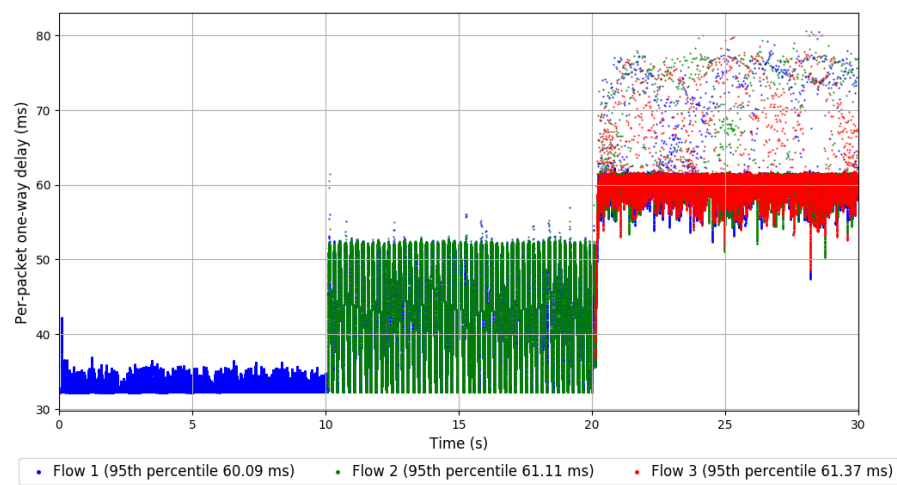
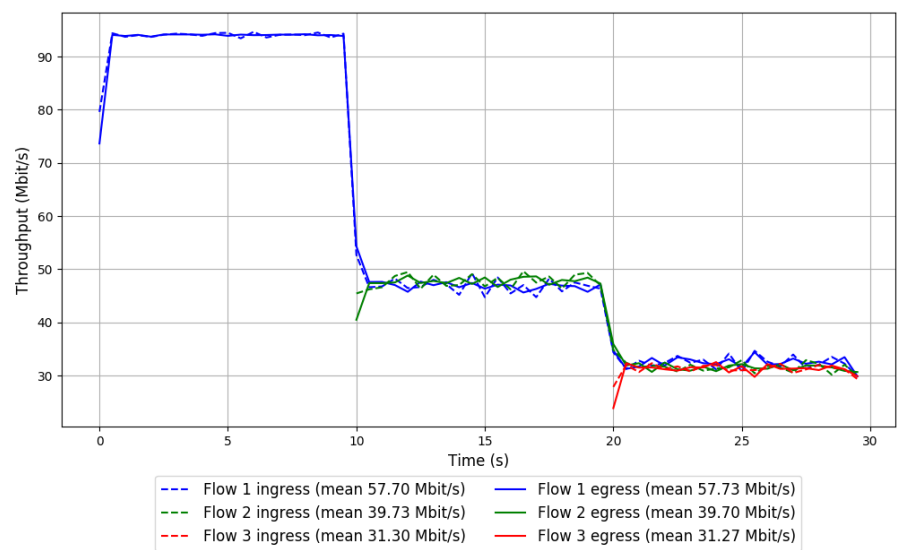


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-13 15:38:32
End at: 2018-02-13 15:39:02
Local clock offset: 4.401 ms
Remote clock offset: -19.134 ms

Below is generated by plot.py at 2018-02-13 21:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 60.993 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.73 Mbit/s
95th percentile per-packet one-way delay: 60.095 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 61.113 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.27 Mbit/s
95th percentile per-packet one-way delay: 61.374 ms
Loss rate: 0.55%

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

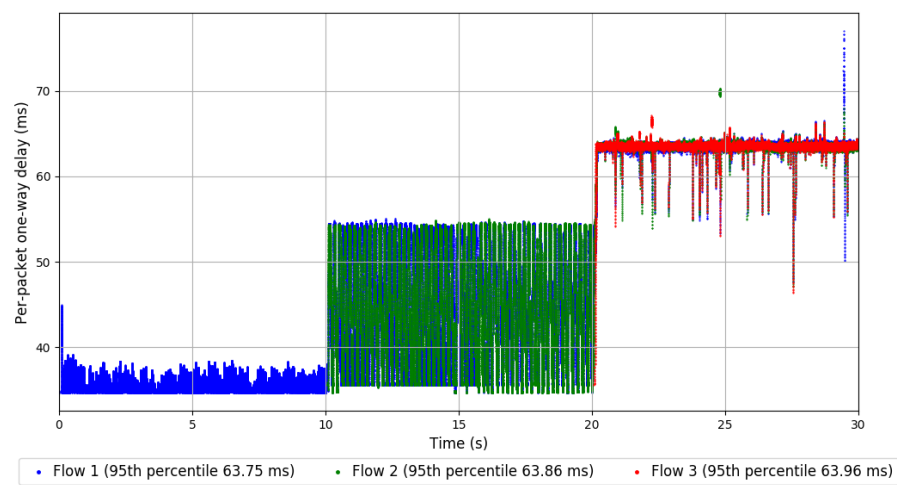
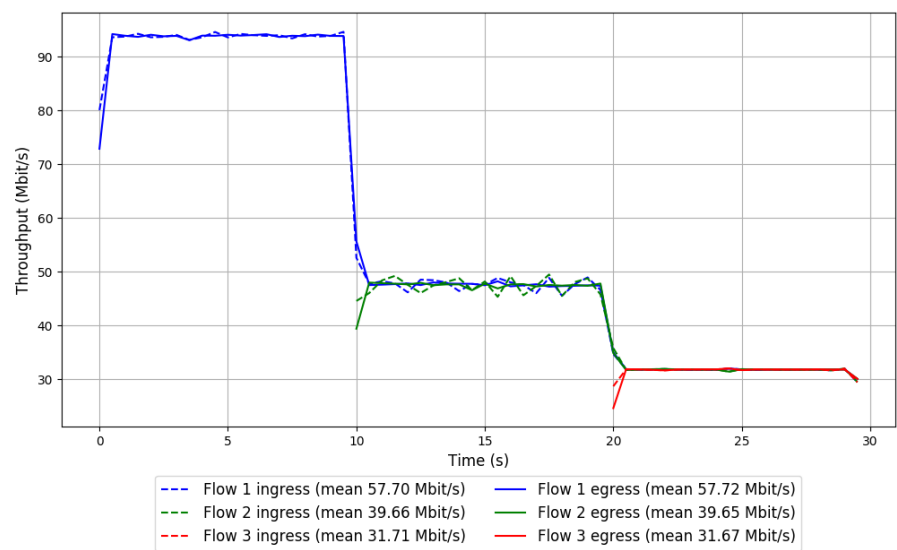


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-13 16:00:30
End at: 2018-02-13 16:01:00
Local clock offset: 3.928 ms
Remote clock offset: -19.375 ms

Below is generated by plot.py at 2018-02-13 21:09:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 63.844 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.72 Mbit/s
95th percentile per-packet one-way delay: 63.753 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 63.857 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 63.958 ms
Loss rate: 0.54%

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

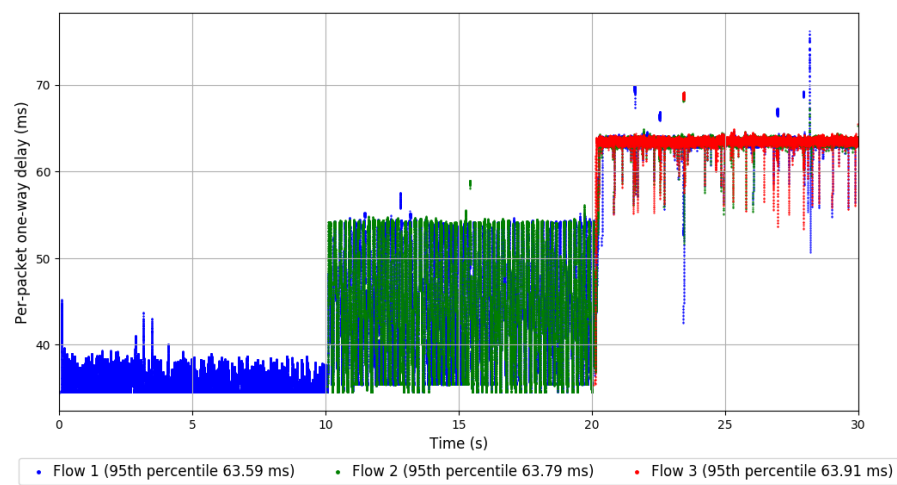
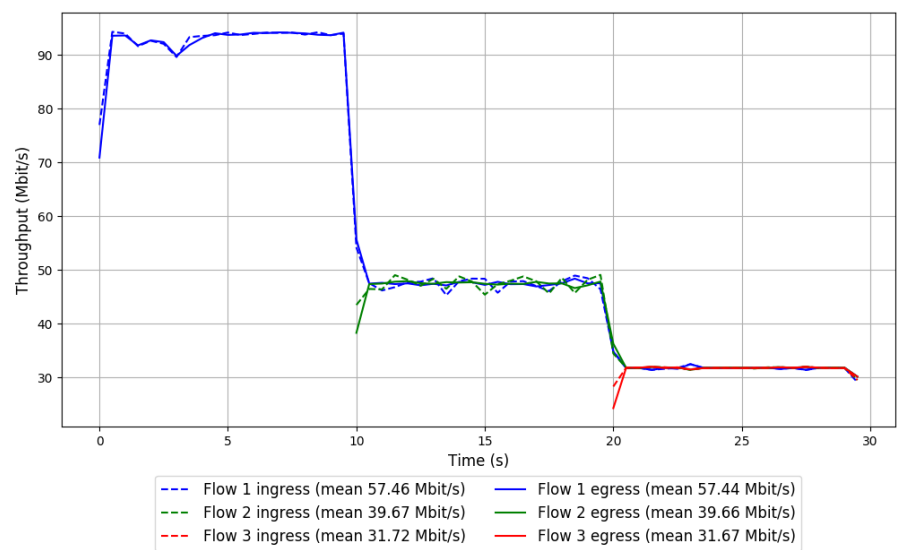


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-13 16:22:58
End at: 2018-02-13 16:23:28
Local clock offset: 4.904 ms
Remote clock offset: -17.713 ms

Below is generated by plot.py at 2018-02-13 21:09:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 63.756 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.44 Mbit/s
95th percentile per-packet one-way delay: 63.588 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 63.789 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 63.907 ms
Loss rate: 0.54%

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

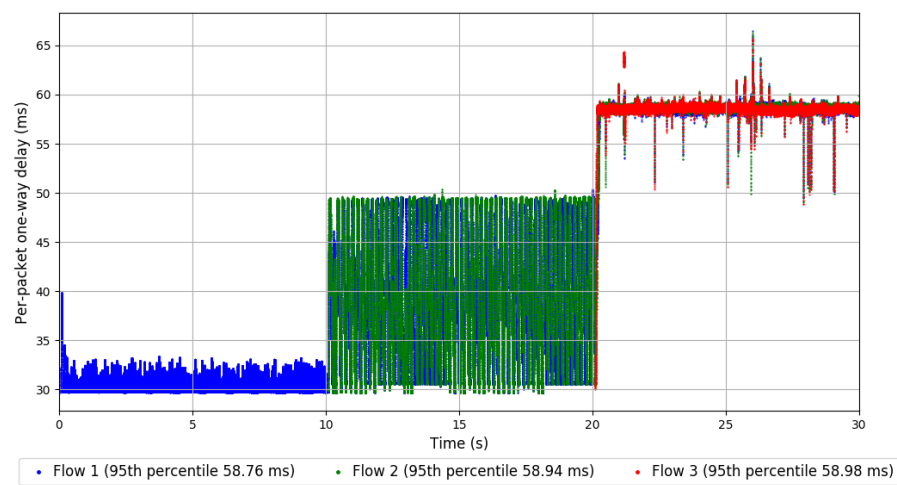
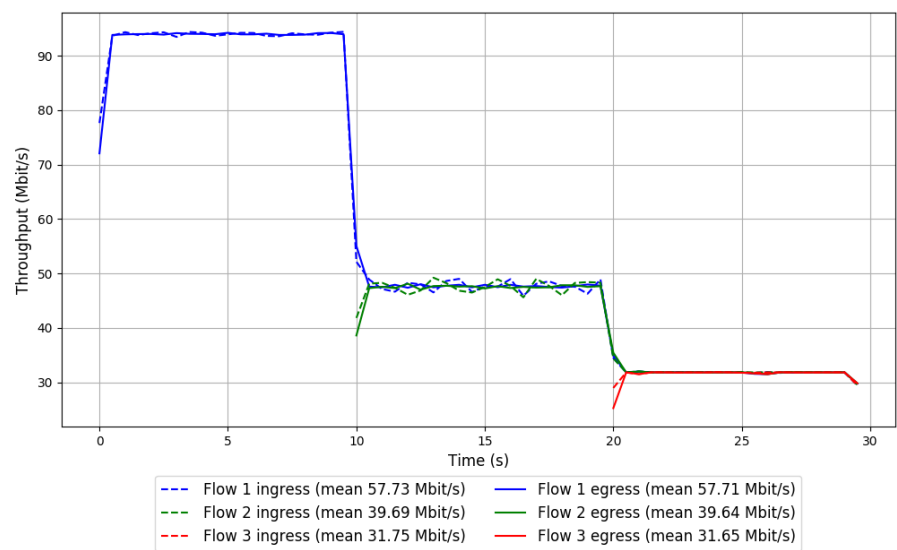


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-13 16:45:21
End at: 2018-02-13 16:45:51
Local clock offset: 1.096 ms
Remote clock offset: -20.318 ms

Below is generated by plot.py at 2018-02-13 21:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 58.883 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 58.764 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 58.935 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 58.982 ms
Loss rate: 0.61%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-13 17:07:22

End at: 2018-02-13 17:07:52

Local clock offset: 0.771 ms

Remote clock offset: -22.752 ms

Below is generated by plot.py at 2018-02-13 21:11:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.41 Mbit/s

95th percentile per-packet one-way delay: 58.500 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 57.54 Mbit/s

95th percentile per-packet one-way delay: 57.877 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 39.52 Mbit/s

95th percentile per-packet one-way delay: 58.565 ms

Loss rate: 0.22%

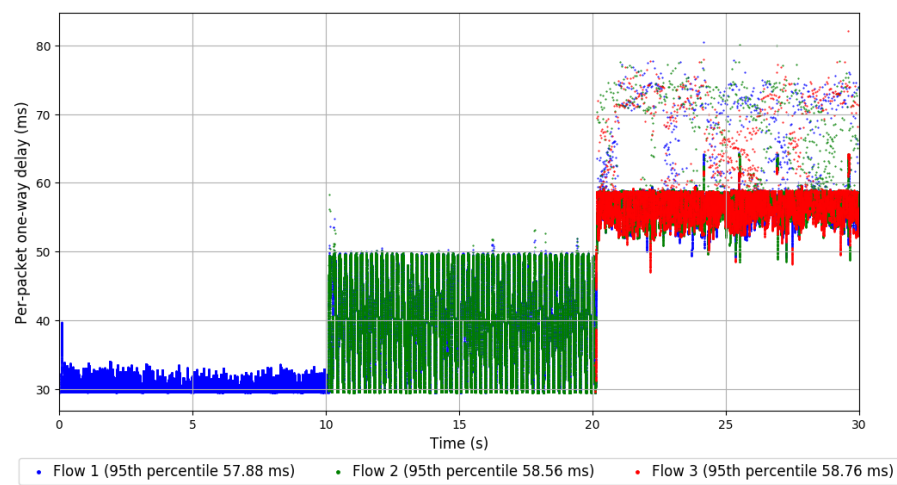
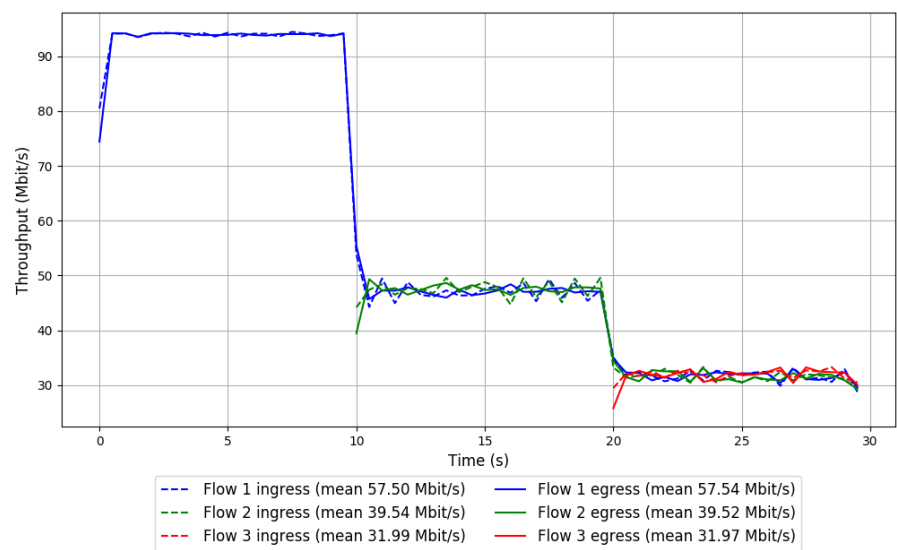
-- Flow 3:

Average throughput: 31.97 Mbit/s

95th percentile per-packet one-way delay: 58.755 ms

Loss rate: 0.57%

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

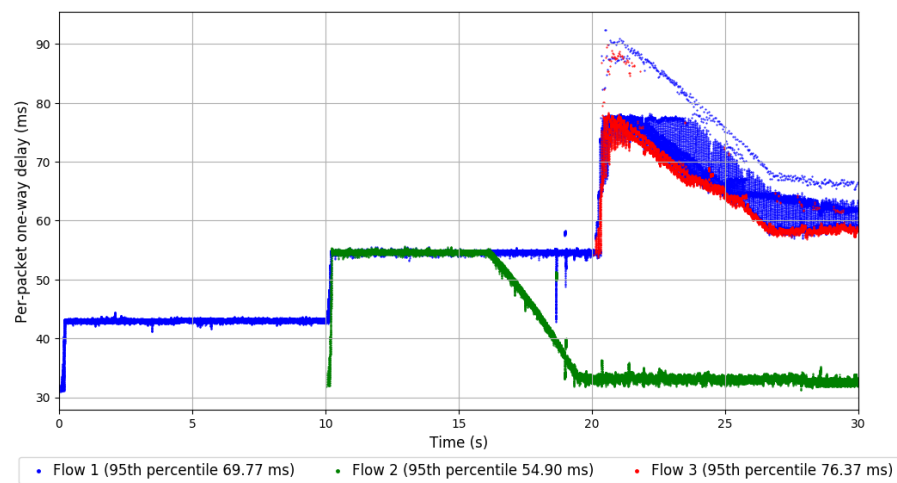
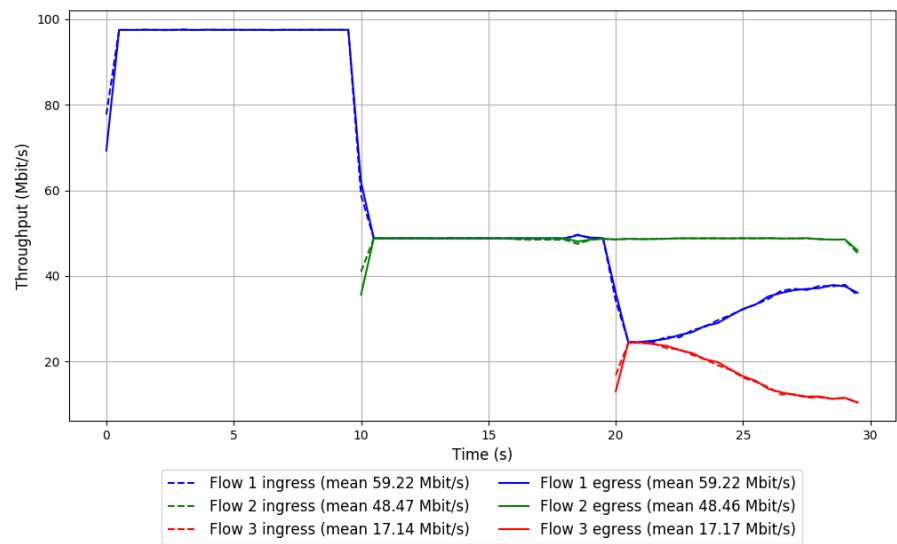


Run 1: Statistics of TCP Vegas

Start at: 2018-02-13 13:45:51
End at: 2018-02-13 13:46:21
Local clock offset: 4.852 ms
Remote clock offset: -12.887 ms

Below is generated by plot.py at 2018-02-13 21:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 69.951 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 59.22 Mbit/s
95th percentile per-packet one-way delay: 69.771 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 54.901 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 17.17 Mbit/s
95th percentile per-packet one-way delay: 76.374 ms
Loss rate: 0.34%

Run 1: Report of TCP Vegas — Data Link

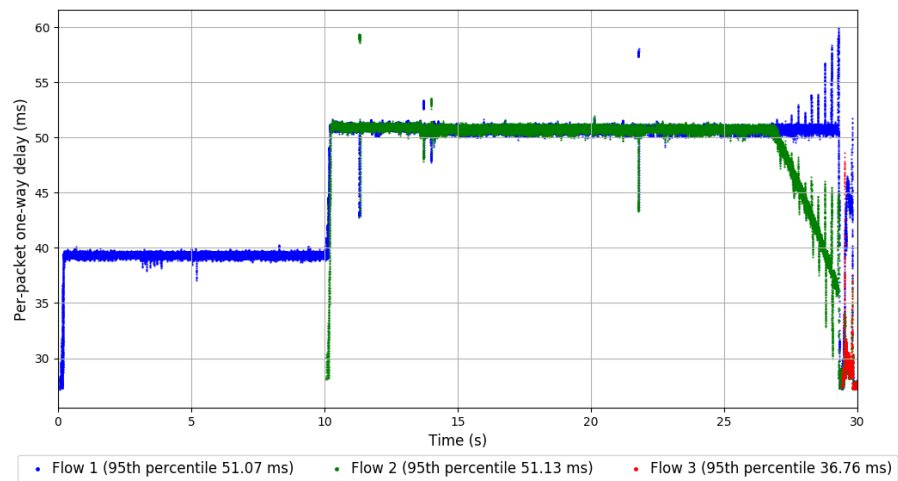
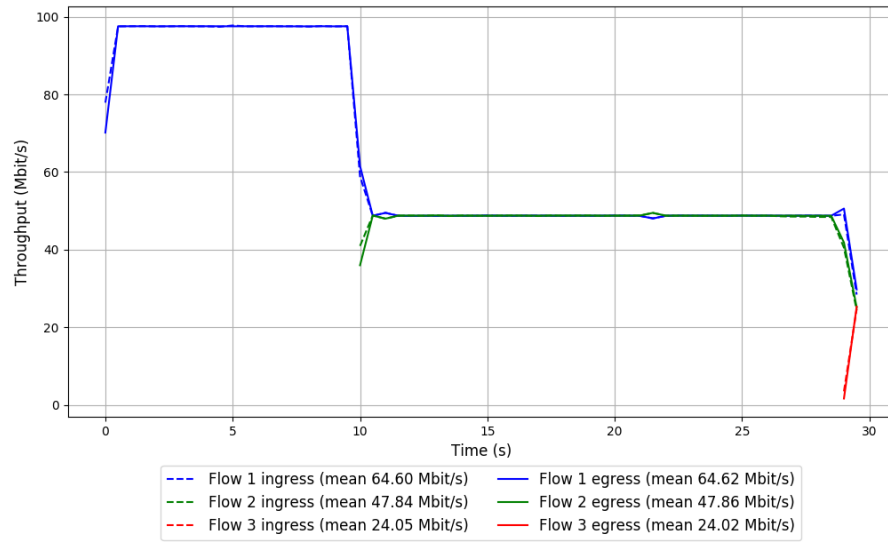


Run 2: Statistics of TCP Vegas

Start at: 2018-02-13 14:07:44
End at: 2018-02-13 14:08:14
Local clock offset: 1.76 ms
Remote clock offset: -16.577 ms

Below is generated by plot.py at 2018-02-13 21:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 51.099 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 64.62 Mbit/s
95th percentile per-packet one-way delay: 51.069 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 47.86 Mbit/s
95th percentile per-packet one-way delay: 51.135 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 36.758 ms
Loss rate: 4.33%

Run 2: Report of TCP Vegas — Data Link

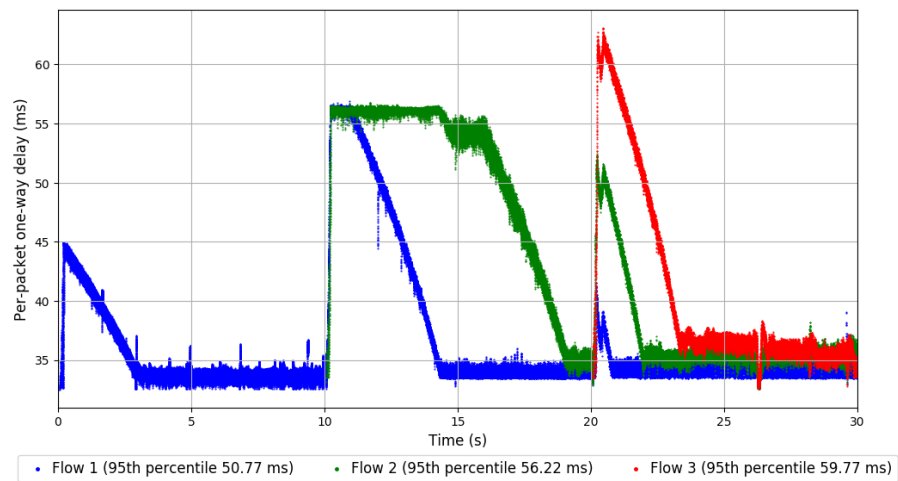
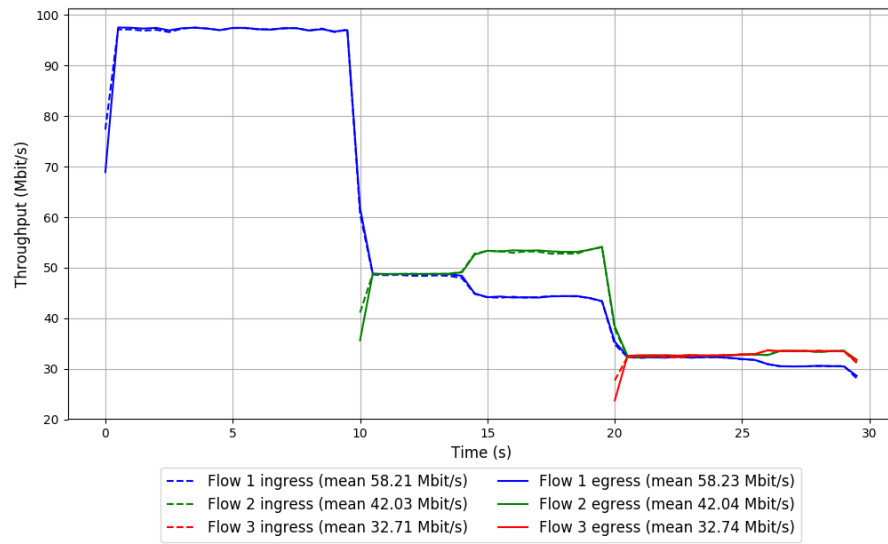


Run 3: Statistics of TCP Vegas

Start at: 2018-02-13 14:29:13
End at: 2018-02-13 14:29:43
Local clock offset: 3.864 ms
Remote clock offset: -21.713 ms

Below is generated by plot.py at 2018-02-13 21:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 56.110 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 50.774 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 42.04 Mbit/s
95th percentile per-packet one-way delay: 56.222 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 59.772 ms
Loss rate: 0.27%

Run 3: Report of TCP Vegas — Data Link

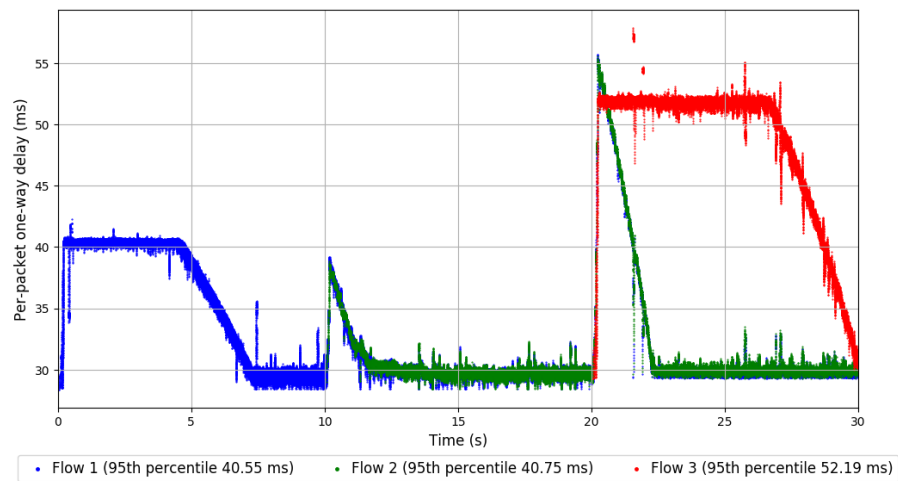
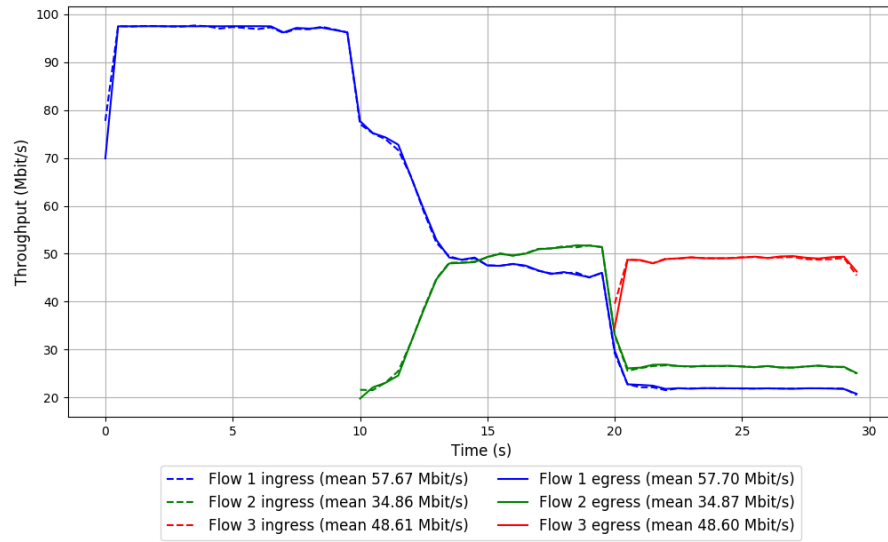


Run 4: Statistics of TCP Vegas

Start at: 2018-02-13 14:50:59
End at: 2018-02-13 14:51:29
Local clock offset: 1.272 ms
Remote clock offset: -20.158 ms

Below is generated by plot.py at 2018-02-13 21:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 51.885 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 40.547 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 34.87 Mbit/s
95th percentile per-packet one-way delay: 40.753 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 48.60 Mbit/s
95th percentile per-packet one-way delay: 52.187 ms
Loss rate: 0.27%

Run 4: Report of TCP Vegas — Data Link

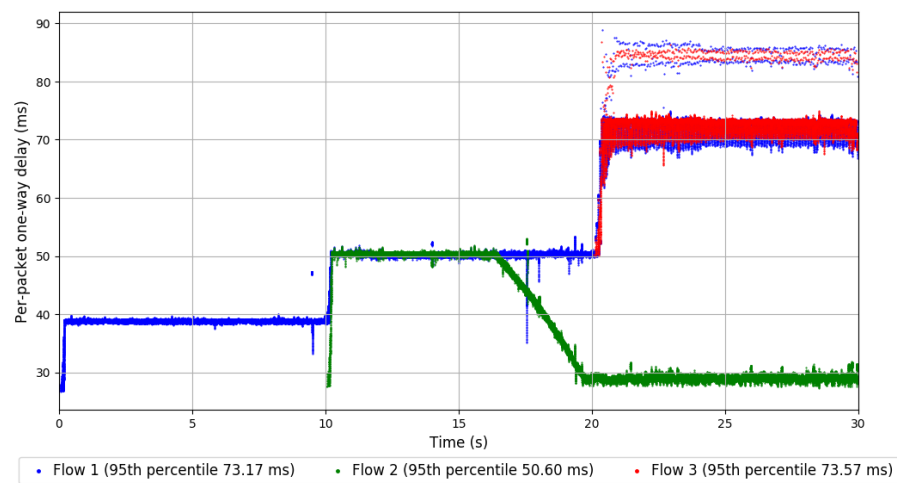
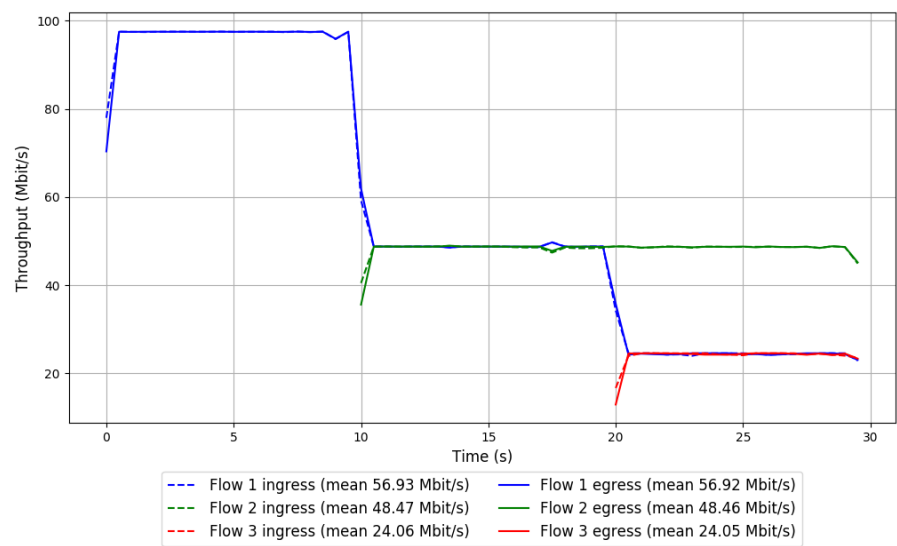


Run 5: Statistics of TCP Vegas

Start at: 2018-02-13 15:12:51
End at: 2018-02-13 15:13:21
Local clock offset: 0.889 ms
Remote clock offset: -20.592 ms

Below is generated by plot.py at 2018-02-13 21:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 73.218 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 73.169 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 50.602 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 73.571 ms
Loss rate: 0.73%

Run 5: Report of TCP Vegas — Data Link

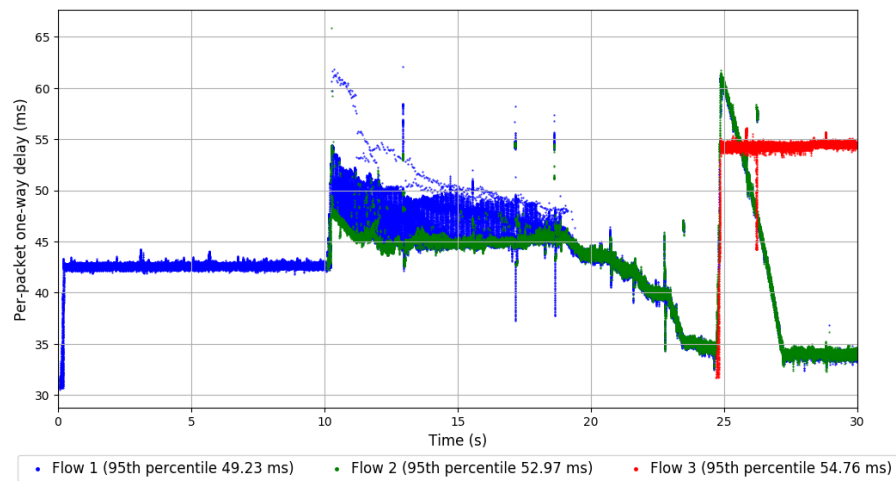
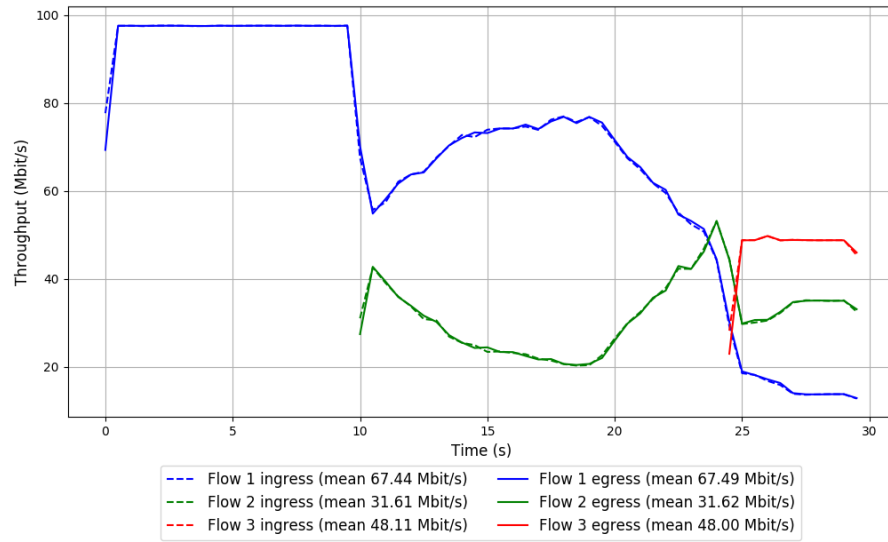


Run 6: Statistics of TCP Vegas

Start at: 2018-02-13 15:35:05
End at: 2018-02-13 15:35:35
Local clock offset: 2.778 ms
Remote clock offset: -20.276 ms

Below is generated by plot.py at 2018-02-13 21:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 54.470 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 67.49 Mbit/s
95th percentile per-packet one-way delay: 49.234 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 52.970 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 48.00 Mbit/s
95th percentile per-packet one-way delay: 54.764 ms
Loss rate: 0.93%

Run 6: Report of TCP Vegas — Data Link

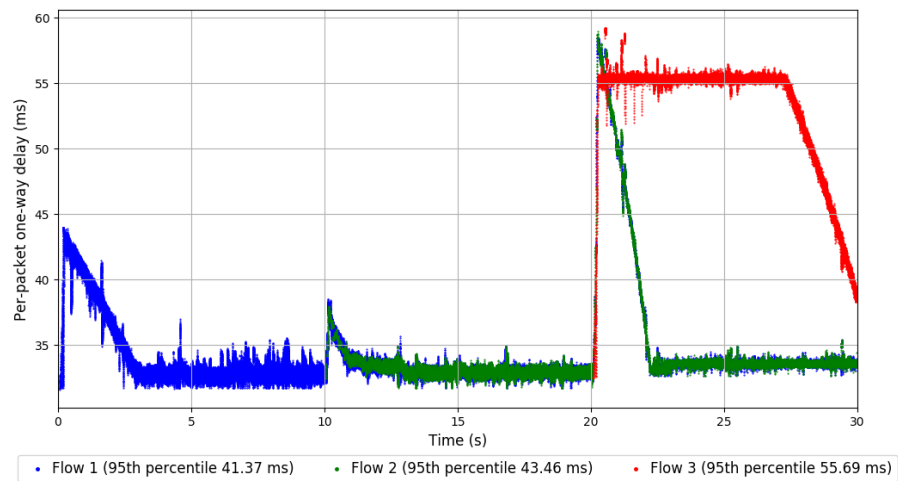
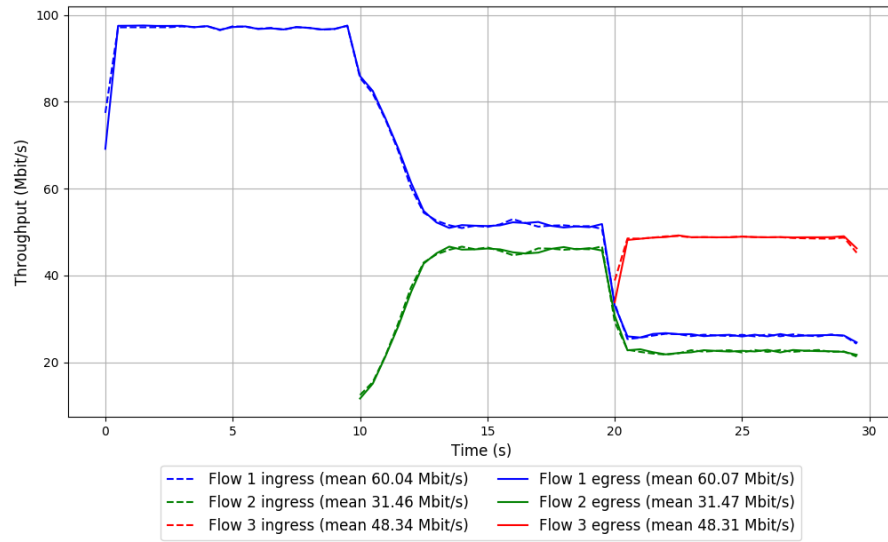


Run 7: Statistics of TCP Vegas

Start at: 2018-02-13 15:56:59
End at: 2018-02-13 15:57:29
Local clock offset: 1.836 ms
Remote clock offset: -18.657 ms

Below is generated by plot.py at 2018-02-13 21:12:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 55.500 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 60.07 Mbit/s
95th percentile per-packet one-way delay: 41.366 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 43.464 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 55.690 ms
Loss rate: 0.32%

Run 7: Report of TCP Vegas — Data Link

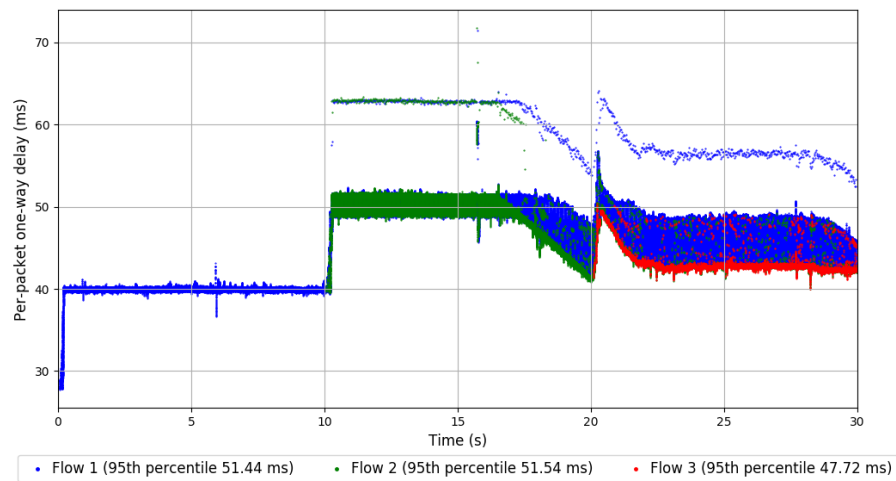
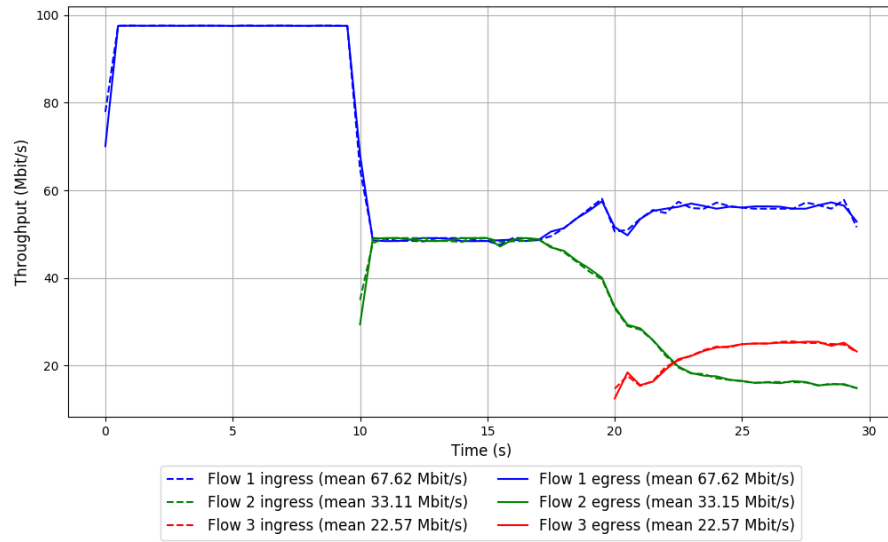


Run 8: Statistics of TCP Vegas

Start at: 2018-02-13 16:19:19
End at: 2018-02-13 16:19:49
Local clock offset: 0.325 ms
Remote clock offset: -15.894 ms

Below is generated by plot.py at 2018-02-13 21:12:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 51.470 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 67.62 Mbit/s
95th percentile per-packet one-way delay: 51.439 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 33.15 Mbit/s
95th percentile per-packet one-way delay: 51.540 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 22.57 Mbit/s
95th percentile per-packet one-way delay: 47.719 ms
Loss rate: 0.42%

Run 8: Report of TCP Vegas — Data Link

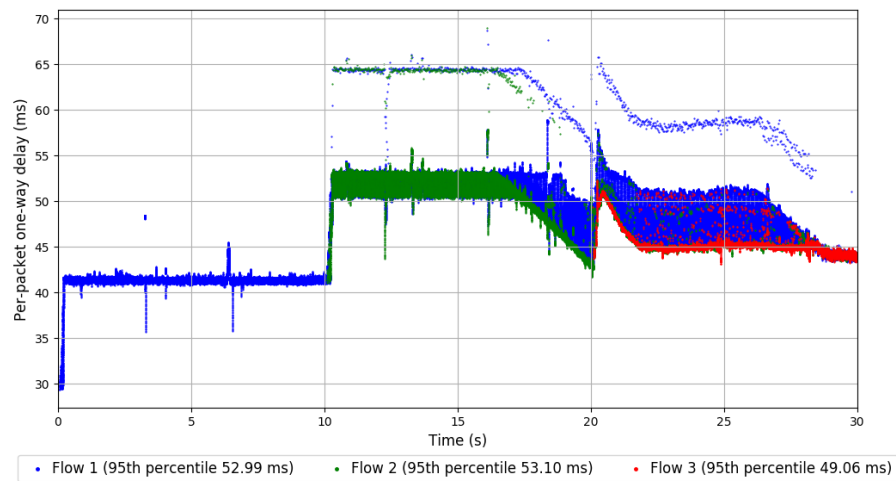
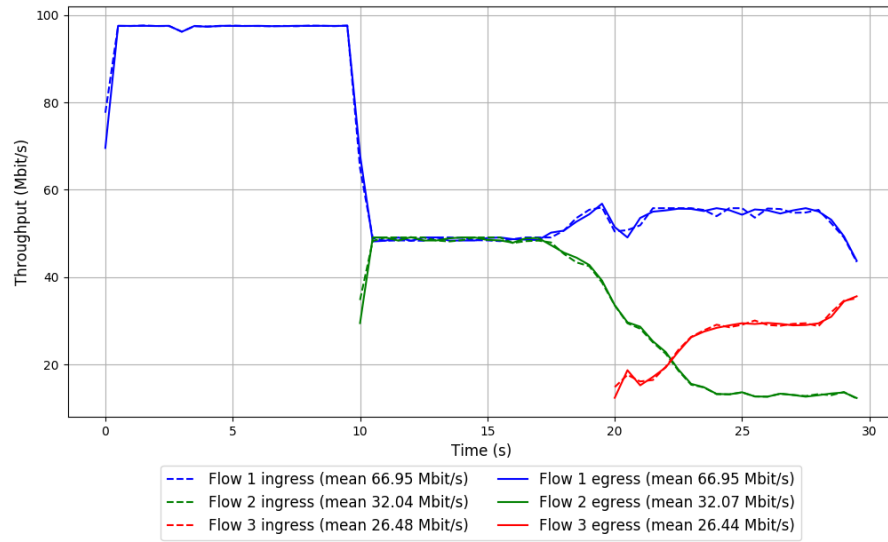


Run 9: Statistics of TCP Vegas

Start at: 2018-02-13 16:41:47
End at: 2018-02-13 16:42:17
Local clock offset: 1.455 ms
Remote clock offset: -18.997 ms

Below is generated by plot.py at 2018-02-13 21:12:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 53.018 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 66.95 Mbit/s
95th percentile per-packet one-way delay: 52.989 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 32.07 Mbit/s
95th percentile per-packet one-way delay: 53.101 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 26.44 Mbit/s
95th percentile per-packet one-way delay: 49.063 ms
Loss rate: 0.60%

Run 9: Report of TCP Vegas — Data Link

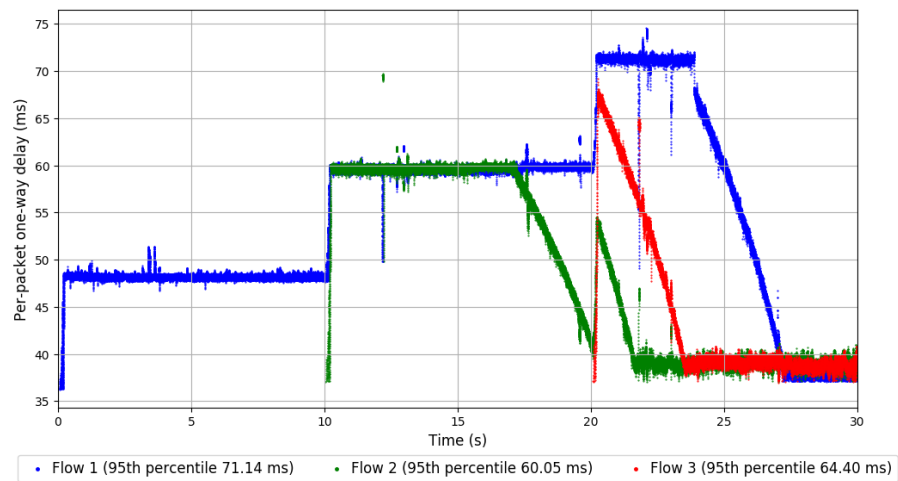
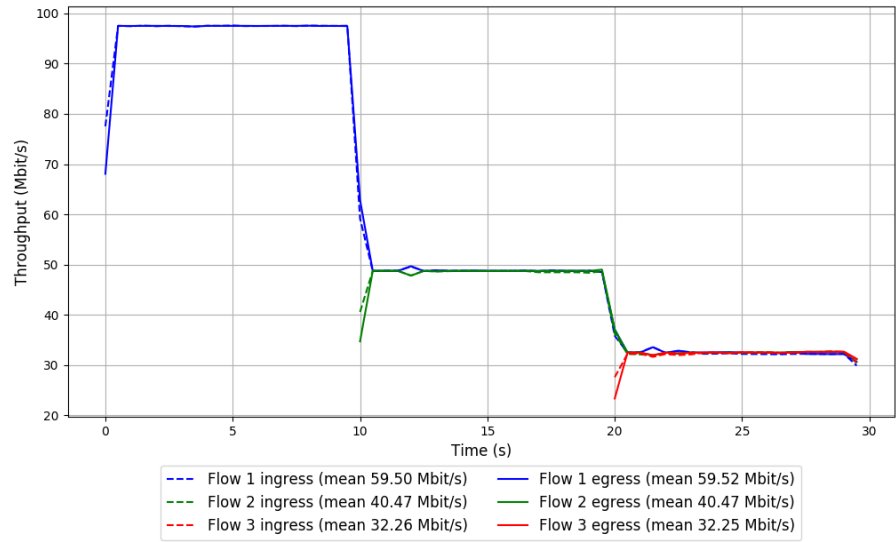


Run 10: Statistics of TCP Vegas

Start at: 2018-02-13 17:03:46
End at: 2018-02-13 17:04:16
Local clock offset: -1.39 ms
Remote clock offset: -31.241 ms

Below is generated by plot.py at 2018-02-13 21:12:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 65.133 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.52 Mbit/s
95th percentile per-packet one-way delay: 71.140 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 60.049 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 64.398 ms
Loss rate: 0.28%

Run 10: Report of TCP Vegas — Data Link

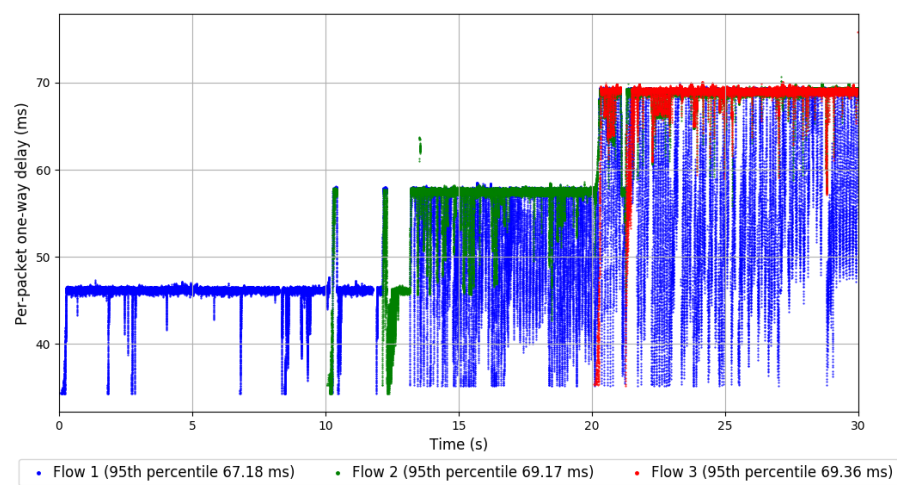
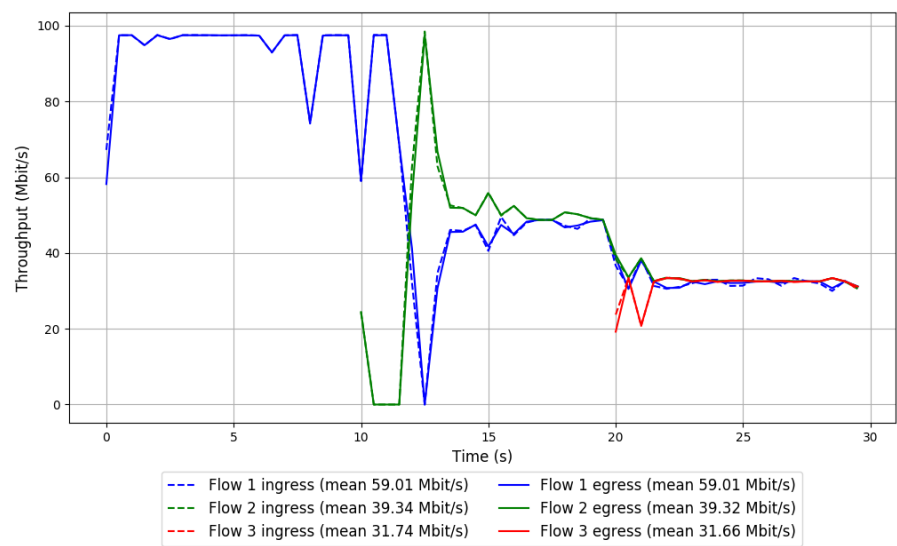


Run 1: Statistics of Verus

Start at: 2018-02-13 13:36:22
End at: 2018-02-13 13:36:52
Local clock offset: 5.443 ms
Remote clock offset: -15.217 ms

Below is generated by plot.py at 2018-02-13 21:12:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 69.168 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.01 Mbit/s
95th percentile per-packet one-way delay: 67.178 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.32 Mbit/s
95th percentile per-packet one-way delay: 69.171 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 69.363 ms
Loss rate: 0.61%

Run 1: Report of Verus — Data Link

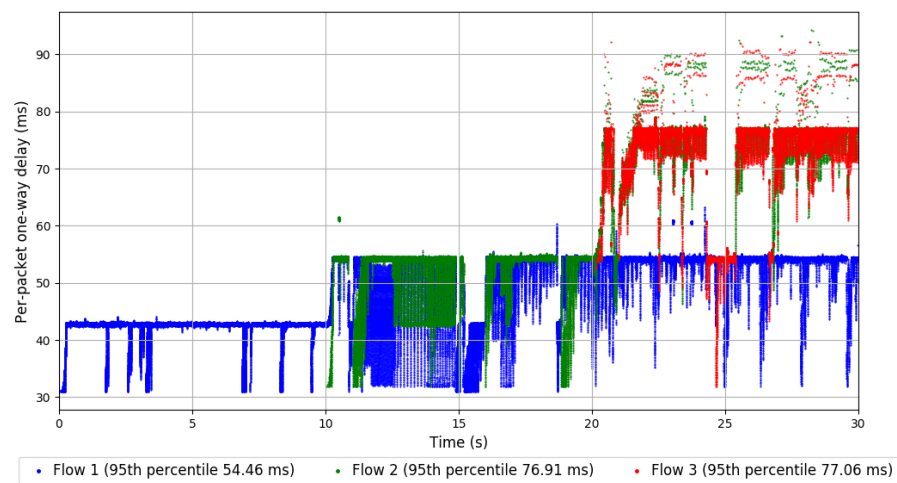
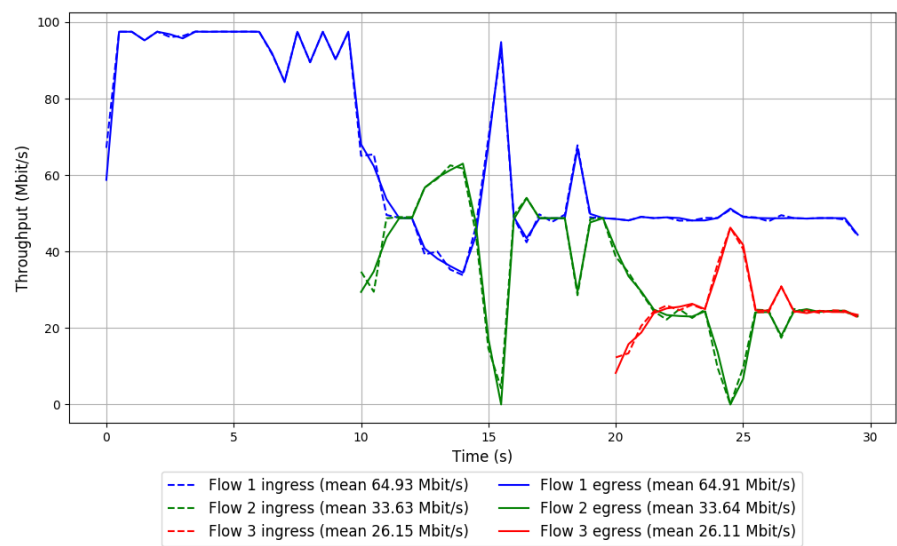


Run 2: Statistics of Verus

Start at: 2018-02-13 13:58:11
End at: 2018-02-13 13:58:41
Local clock offset: 5.233 ms
Remote clock offset: -15.71 ms

Below is generated by plot.py at 2018-02-13 21:12:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 76.651 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.91 Mbit/s
95th percentile per-packet one-way delay: 54.461 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 33.64 Mbit/s
95th percentile per-packet one-way delay: 76.905 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 77.058 ms
Loss rate: 0.68%

Run 2: Report of Verus — Data Link

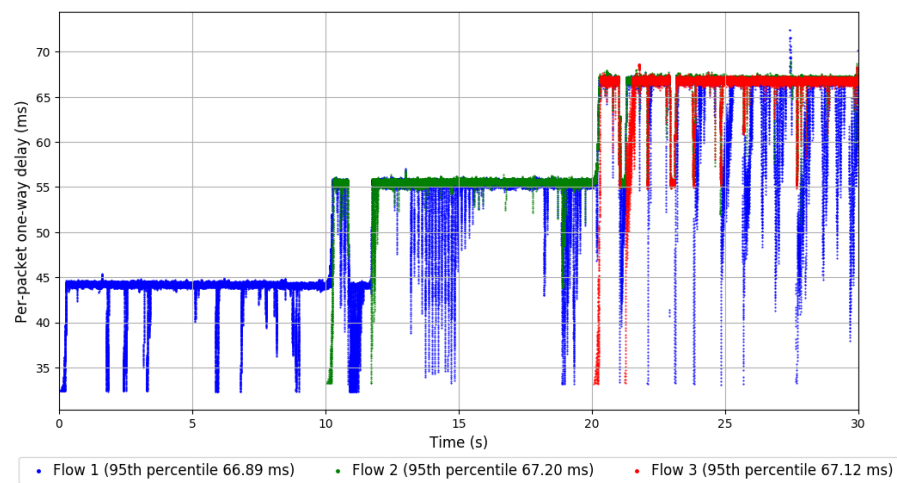
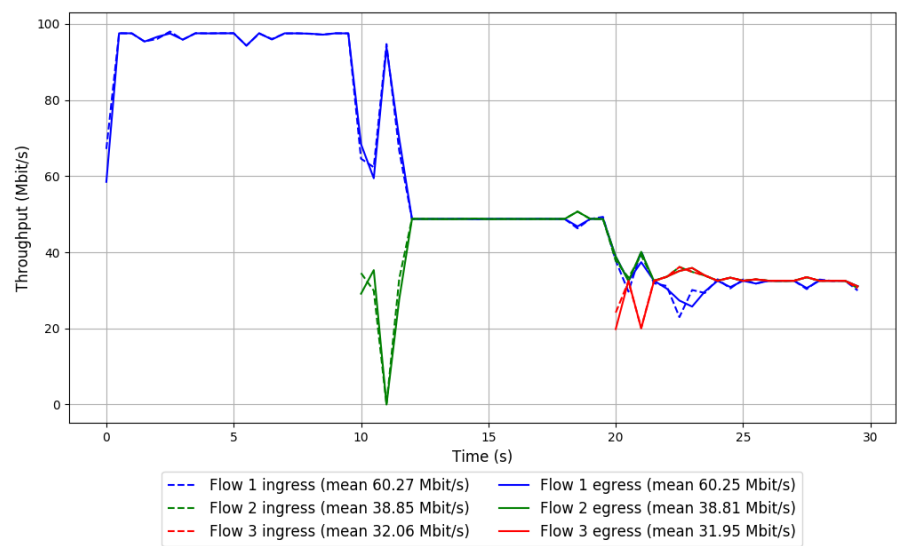


Run 3: Statistics of Verus

Start at: 2018-02-13 14:19:45
End at: 2018-02-13 14:20:15
Local clock offset: 5.54 ms
Remote clock offset: -18.826 ms

```
# Below is generated by plot.py at 2018-02-13 21:12:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 67.089 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 60.25 Mbit/s
95th percentile per-packet one-way delay: 66.892 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 67.205 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.95 Mbit/s
95th percentile per-packet one-way delay: 67.118 ms
Loss rate: 0.60%
```

Run 3: Report of Verus — Data Link

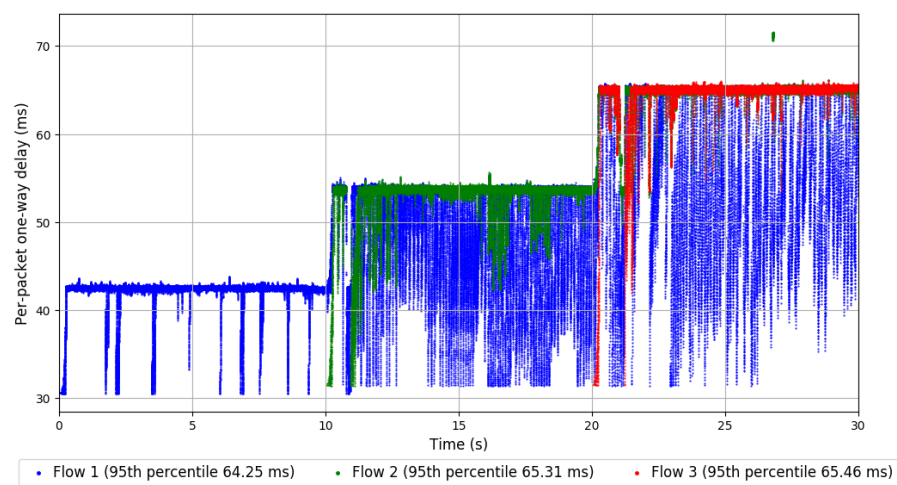
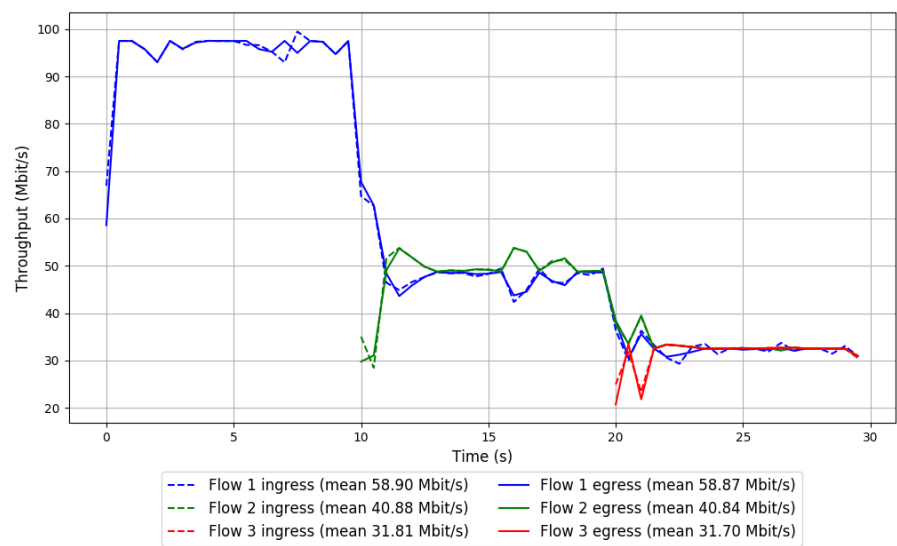


Run 4: Statistics of Verus

Start at: 2018-02-13 14:41:30
End at: 2018-02-13 14:42:00
Local clock offset: 3.27 ms
Remote clock offset: -20.062 ms

Below is generated by plot.py at 2018-02-13 21:12:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 65.297 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 64.247 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 65.313 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 65.459 ms
Loss rate: 0.61%

Run 4: Report of Verus — Data Link

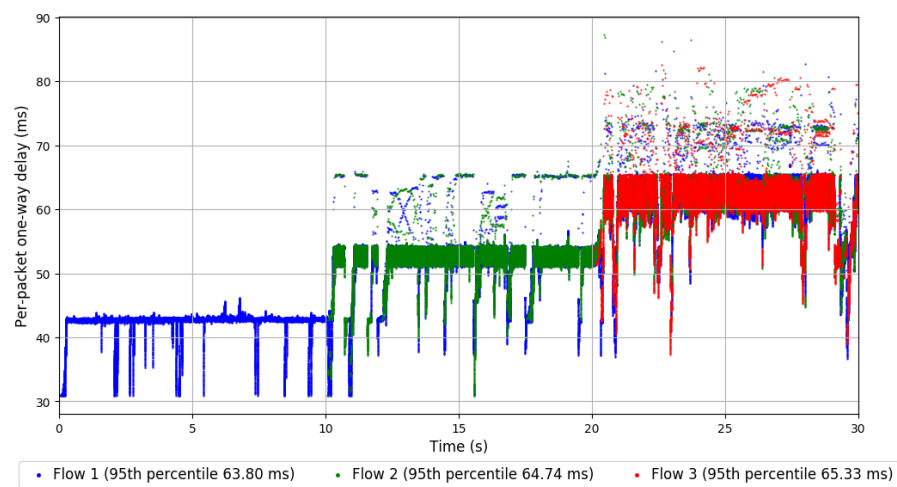
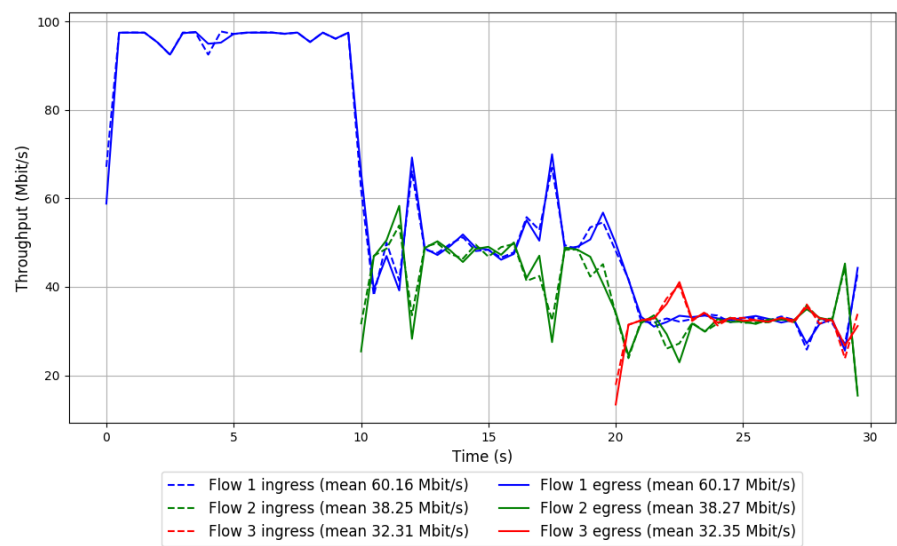


Run 5: Statistics of Verus

Start at: 2018-02-13 15:03:10
End at: 2018-02-13 15:03:40
Local clock offset: 4.659 ms
Remote clock offset: -19.931 ms

Below is generated by plot.py at 2018-02-13 21:13:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 64.601 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 60.17 Mbit/s
95th percentile per-packet one-way delay: 63.798 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 38.27 Mbit/s
95th percentile per-packet one-way delay: 64.738 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.35 Mbit/s
95th percentile per-packet one-way delay: 65.328 ms
Loss rate: 0.56%

Run 5: Report of Verus — Data Link

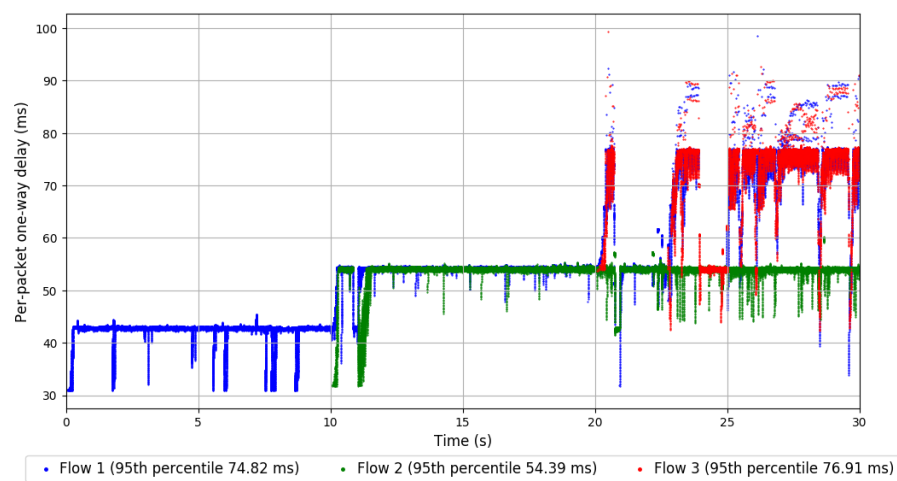
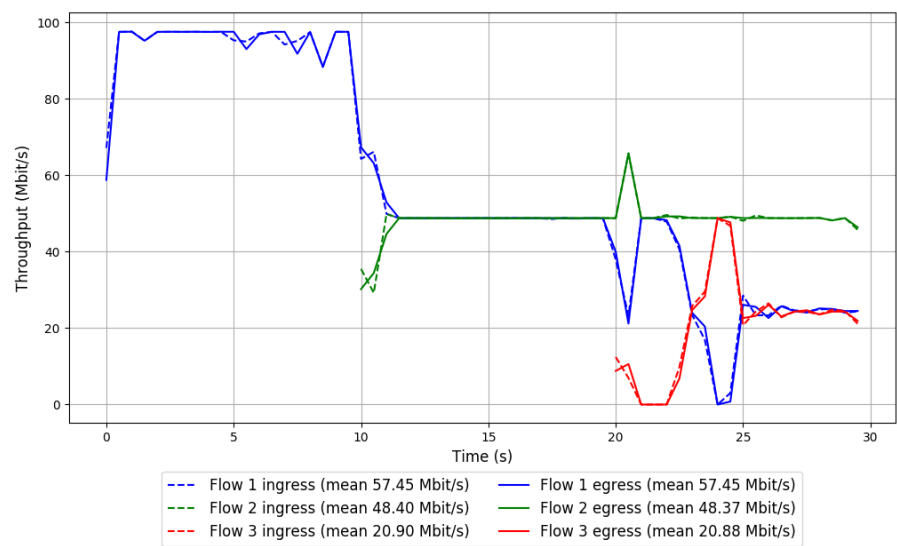


Run 6: Statistics of Verus

Start at: 2018-02-13 15:25:20
End at: 2018-02-13 15:25:50
Local clock offset: 1.313 ms
Remote clock offset: -24.998 ms

Below is generated by plot.py at 2018-02-13 21:13:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 75.570 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 74.824 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 54.386 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.88 Mbit/s
95th percentile per-packet one-way delay: 76.912 ms
Loss rate: 0.81%

Run 6: Report of Verus — Data Link

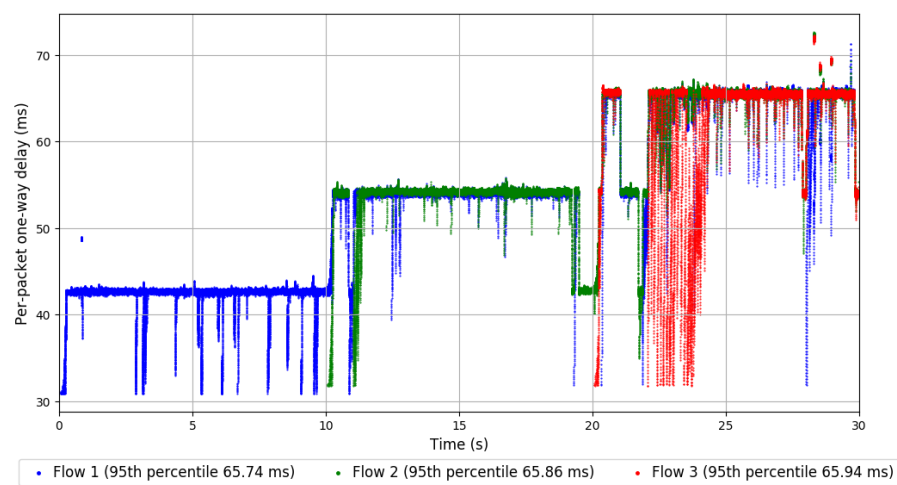
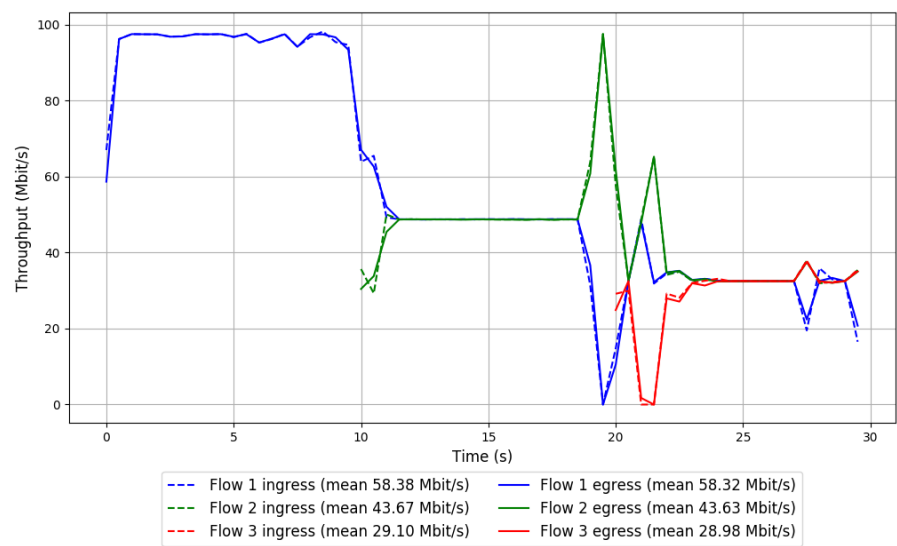


Run 7: Statistics of Verus

Start at: 2018-02-13 15:47:16
End at: 2018-02-13 15:47:46
Local clock offset: 3.402 ms
Remote clock offset: -17.418 ms

Below is generated by plot.py at 2018-02-13 21:13:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 65.822 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.32 Mbit/s
95th percentile per-packet one-way delay: 65.739 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.63 Mbit/s
95th percentile per-packet one-way delay: 65.858 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 65.942 ms
Loss rate: 0.81%

Run 7: Report of Verus — Data Link

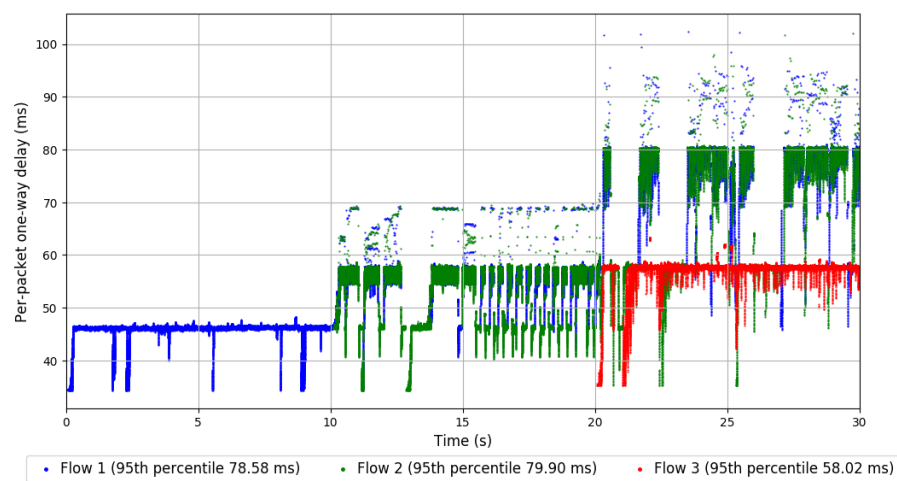
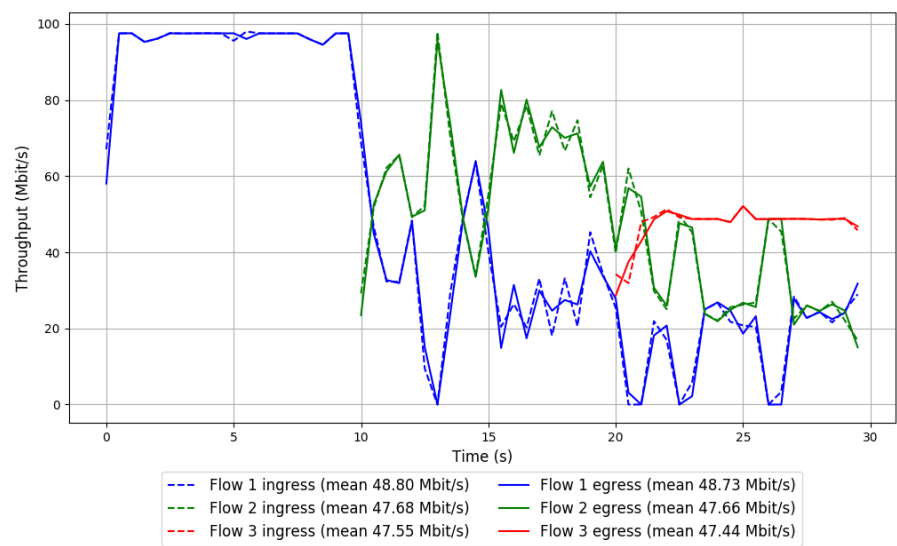


Run 8: Statistics of Verus

Start at: 2018-02-13 16:09:28
End at: 2018-02-13 16:09:58
Local clock offset: 3.261 ms
Remote clock offset: -19.048 ms

Below is generated by plot.py at 2018-02-13 21:13:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.15 Mbit/s
95th percentile per-packet one-way delay: 78.631 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 48.73 Mbit/s
95th percentile per-packet one-way delay: 78.576 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 79.901 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 47.44 Mbit/s
95th percentile per-packet one-way delay: 58.022 ms
Loss rate: 0.49%

Run 8: Report of Verus — Data Link

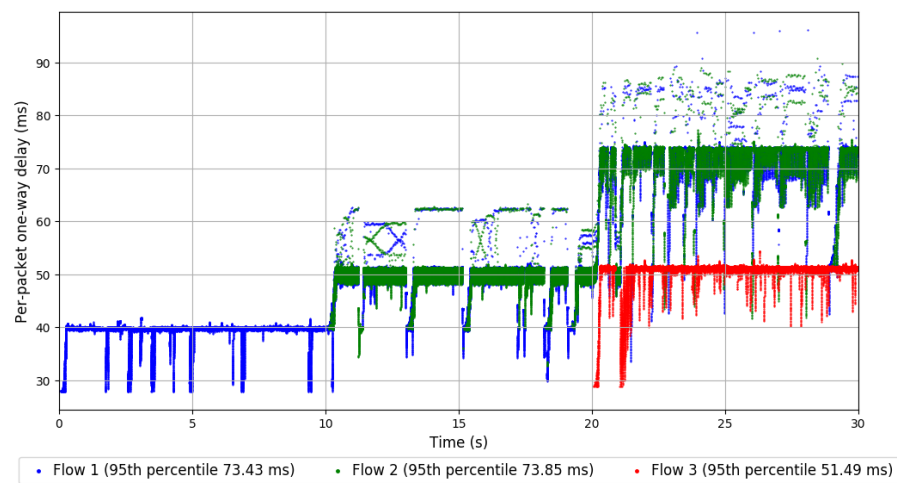
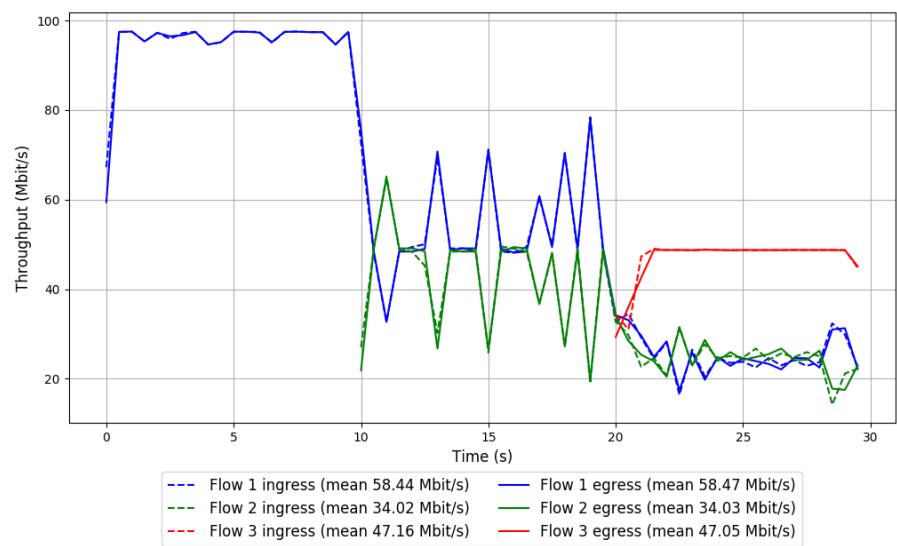


Run 9: Statistics of Verus

Start at: 2018-02-13 16:32:02
End at: 2018-02-13 16:32:32
Local clock offset: 0.928 ms
Remote clock offset: -14.851 ms

```
# Below is generated by plot.py at 2018-02-13 21:14:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 73.637 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 73.434 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 34.03 Mbit/s
95th percentile per-packet one-way delay: 73.854 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 51.494 ms
Loss rate: 0.50%
```


Run 9: Report of Verus — Data Link

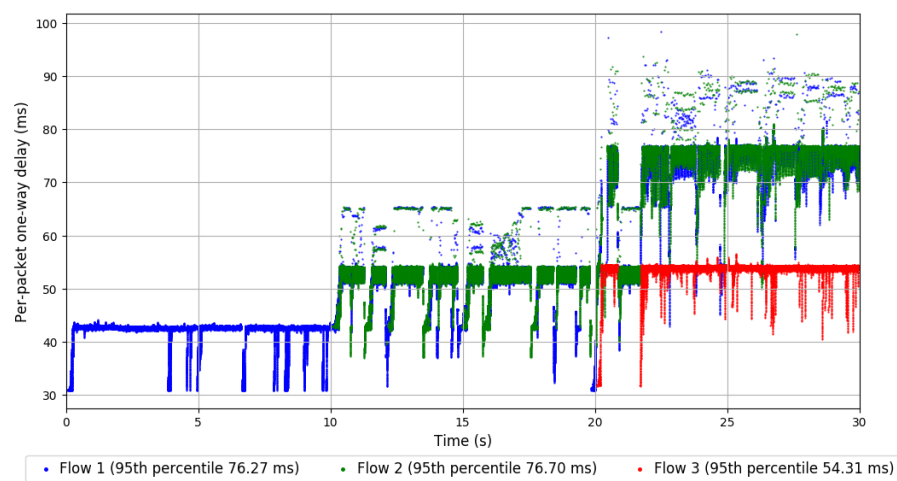
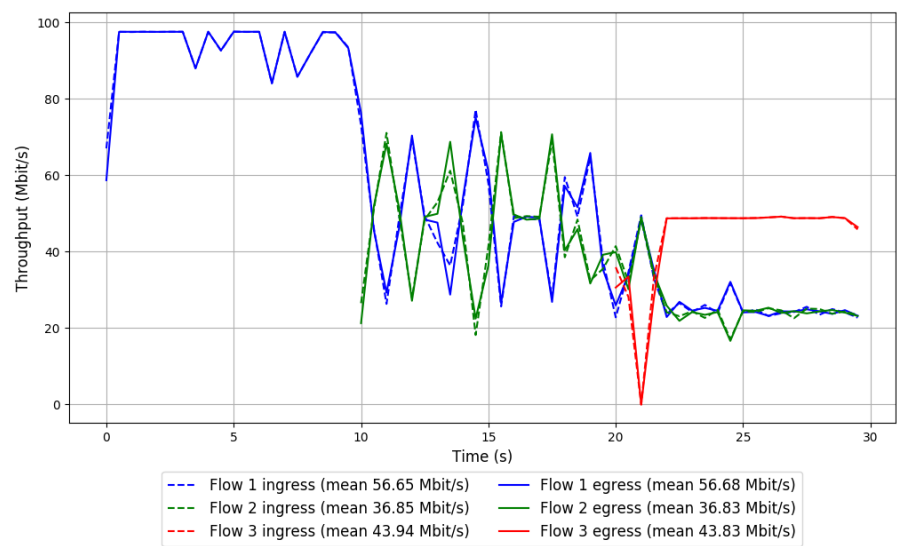


Run 10: Statistics of Verus

Start at: 2018-02-13 16:54:11
End at: 2018-02-13 16:54:41
Local clock offset: 2.274 ms
Remote clock offset: -21.448 ms

Below is generated by plot.py at 2018-02-13 21:14:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 76.453 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.68 Mbit/s
95th percentile per-packet one-way delay: 76.268 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.83 Mbit/s
95th percentile per-packet one-way delay: 76.697 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 43.83 Mbit/s
95th percentile per-packet one-way delay: 54.309 ms
Loss rate: 0.53%

Run 10: Report of Verus — Data Link

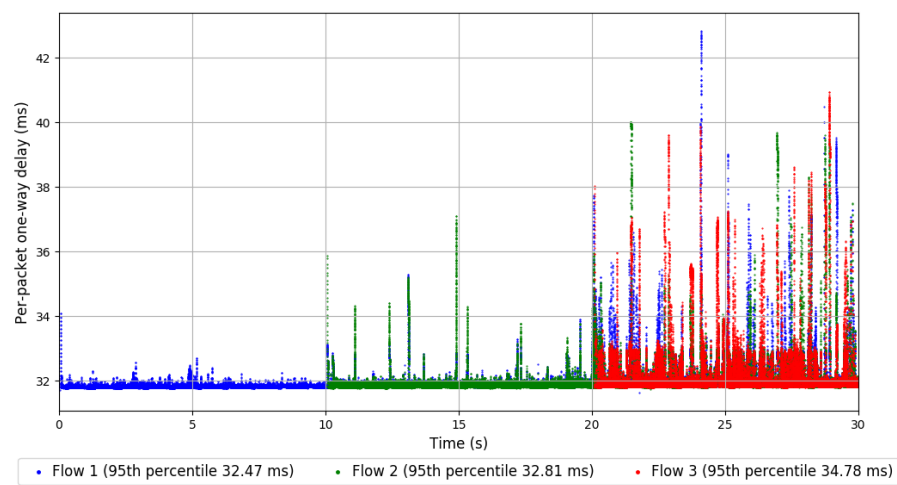
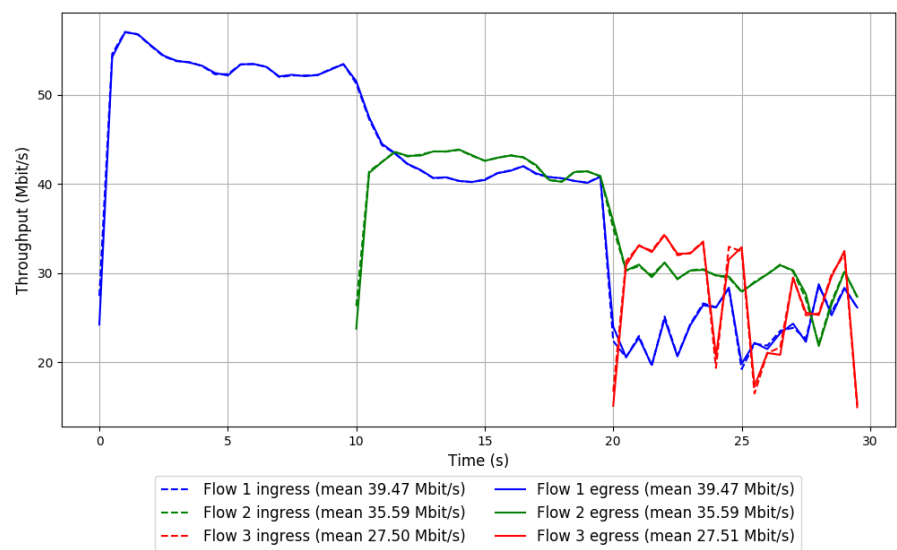


Run 1: Statistics of Copa

Start at: 2018-02-13 13:42:13
End at: 2018-02-13 13:42:43
Local clock offset: 5.054 ms
Remote clock offset: -12.997 ms

Below is generated by plot.py at 2018-02-13 21:14:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.26 Mbit/s
95th percentile per-packet one-way delay: 32.804 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 39.47 Mbit/s
95th percentile per-packet one-way delay: 32.465 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.59 Mbit/s
95th percentile per-packet one-way delay: 32.811 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 27.51 Mbit/s
95th percentile per-packet one-way delay: 34.776 ms
Loss rate: 0.22%

Run 1: Report of Copa — Data Link

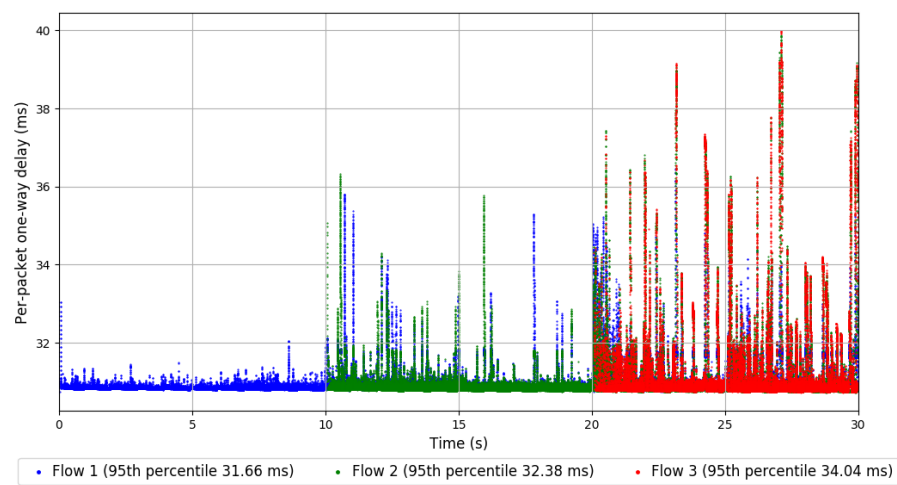
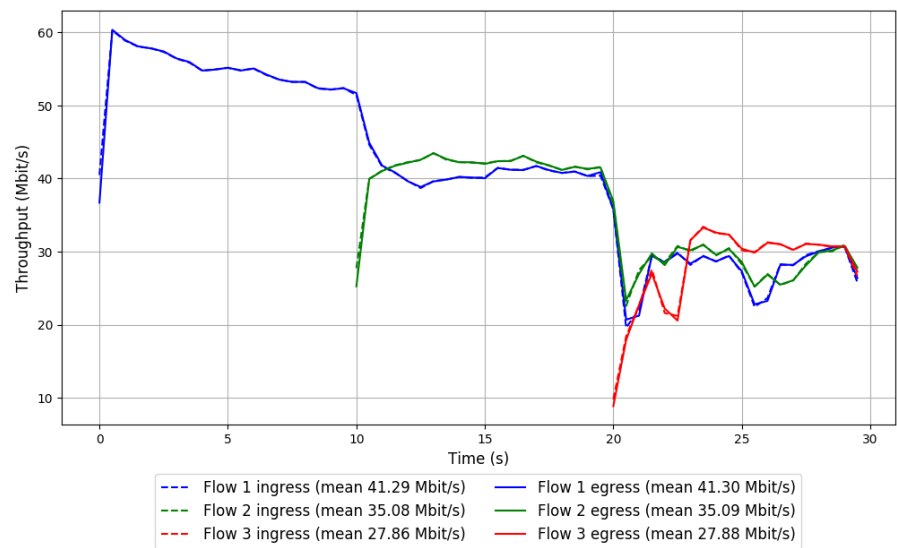


Run 2: Statistics of Copa

Start at: 2018-02-13 14:04:04
End at: 2018-02-13 14:04:34
Local clock offset: 5.255 ms
Remote clock offset: -16.171 ms

Below is generated by plot.py at 2018-02-13 21:14:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 31.883 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 41.30 Mbit/s
95th percentile per-packet one-way delay: 31.661 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 35.09 Mbit/s
95th percentile per-packet one-way delay: 32.384 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 27.88 Mbit/s
95th percentile per-packet one-way delay: 34.036 ms
Loss rate: 0.24%

Run 2: Report of Copa — Data Link

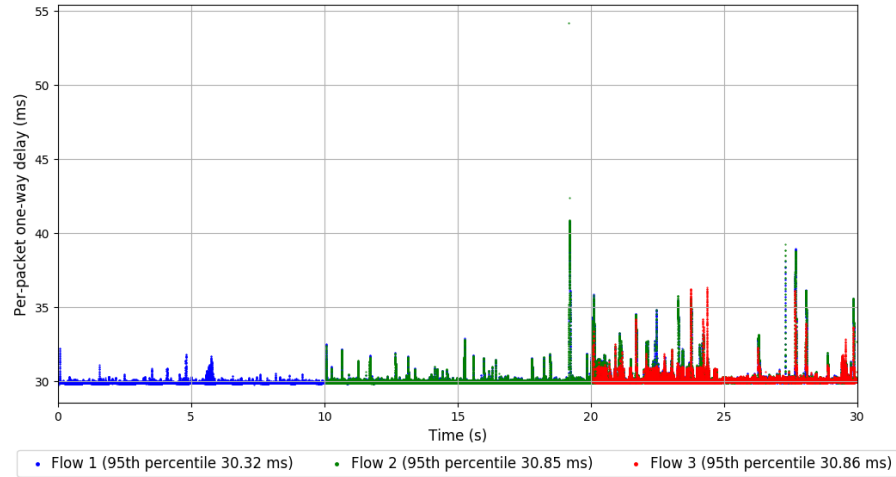
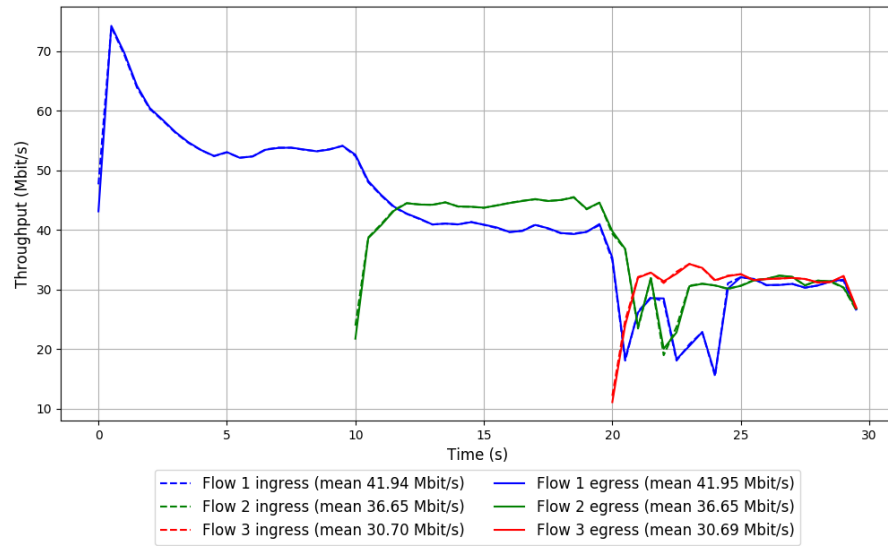


Run 3: Statistics of Copa

Start at: 2018-02-13 14:25:35
End at: 2018-02-13 14:26:05
Local clock offset: 3.758 ms
Remote clock offset: -19.326 ms

Below is generated by plot.py at 2018-02-13 21:15:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 30.670 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 41.95 Mbit/s
95th percentile per-packet one-way delay: 30.316 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.65 Mbit/s
95th percentile per-packet one-way delay: 30.847 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 30.861 ms
Loss rate: 0.24%

Run 3: Report of Copa — Data Link

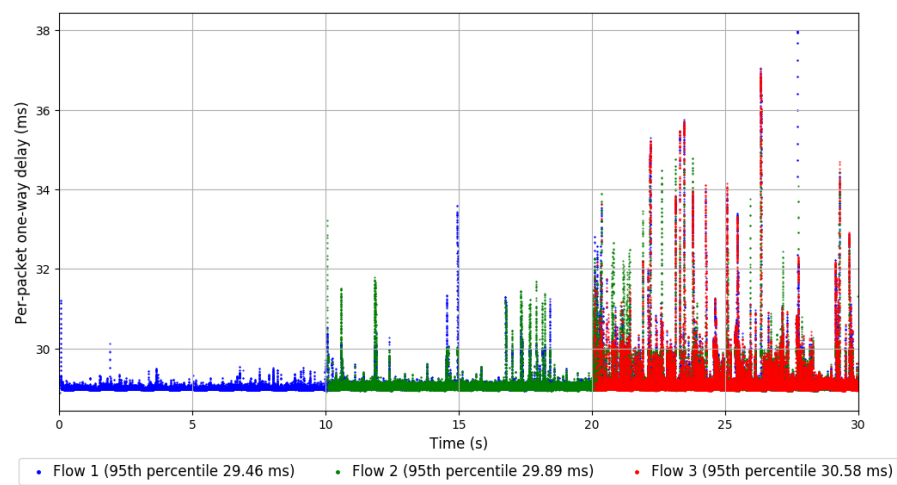
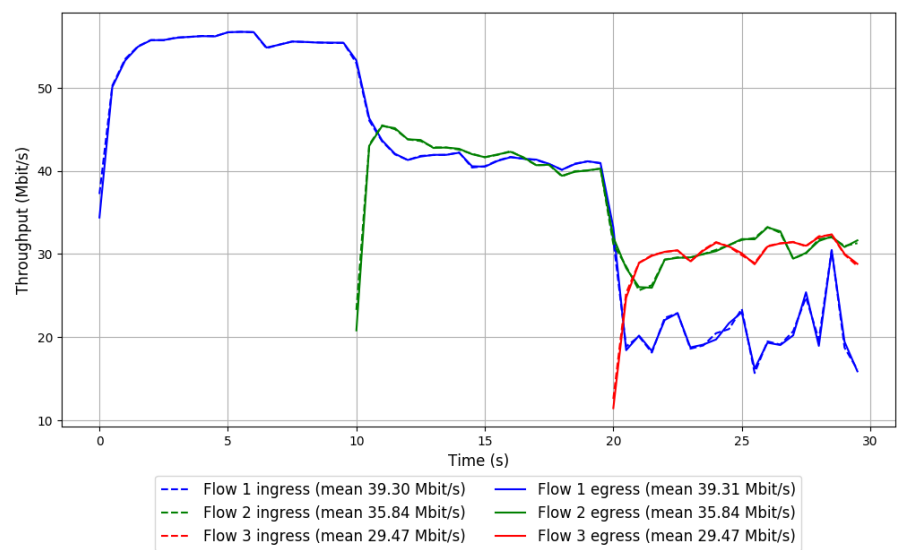


Run 4: Statistics of Copa

Start at: 2018-02-13 14:47:22
End at: 2018-02-13 14:47:52
Local clock offset: 0.554 ms
Remote clock offset: -21.212 ms

Below is generated by plot.py at 2018-02-13 21:15:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.92 Mbit/s
95th percentile per-packet one-way delay: 29.810 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 39.31 Mbit/s
95th percentile per-packet one-way delay: 29.464 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.84 Mbit/s
95th percentile per-packet one-way delay: 29.885 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.47 Mbit/s
95th percentile per-packet one-way delay: 30.583 ms
Loss rate: 0.26%

Run 4: Report of Copa — Data Link

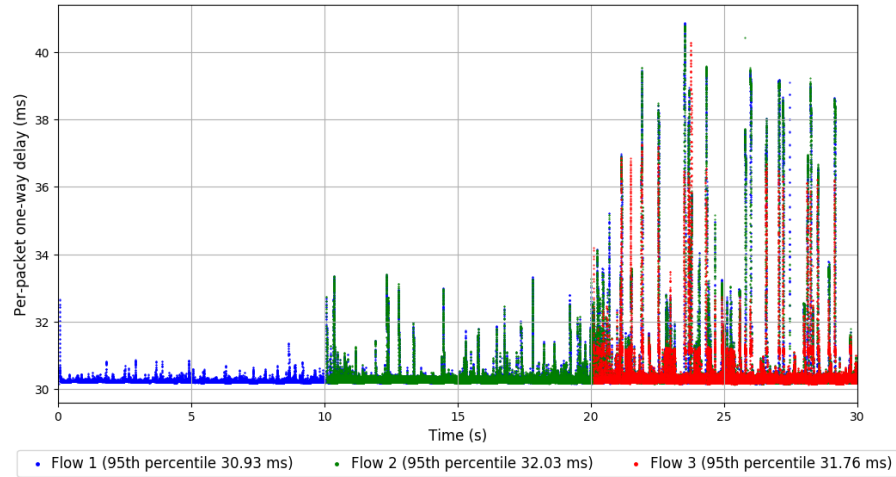
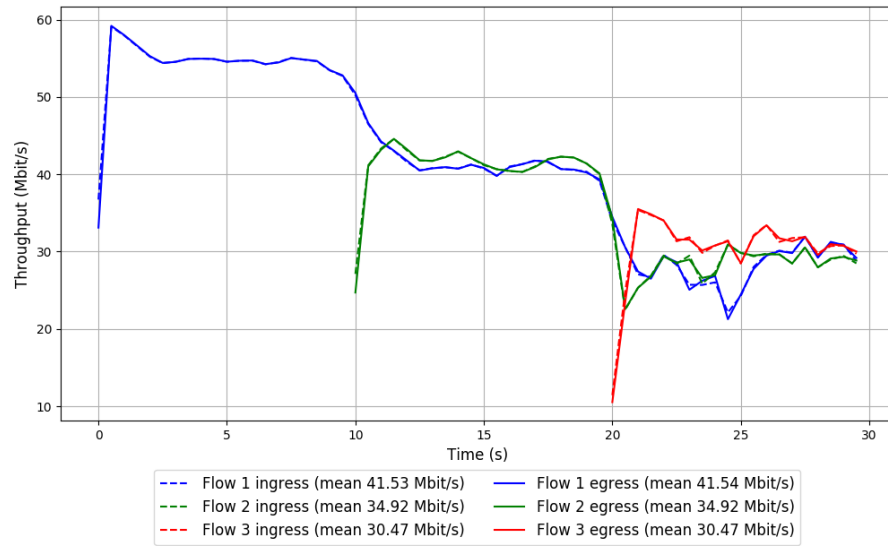


Run 5: Statistics of Copa

Start at: 2018-02-13 15:09:09
End at: 2018-02-13 15:09:39
Local clock offset: 3.383 ms
Remote clock offset: -21.124 ms

Below is generated by plot.py at 2018-02-13 21:15:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.88 Mbit/s
95th percentile per-packet one-way delay: 31.342 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 30.927 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 34.92 Mbit/s
95th percentile per-packet one-way delay: 32.029 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 31.760 ms
Loss rate: 0.27%

Run 5: Report of Copa — Data Link

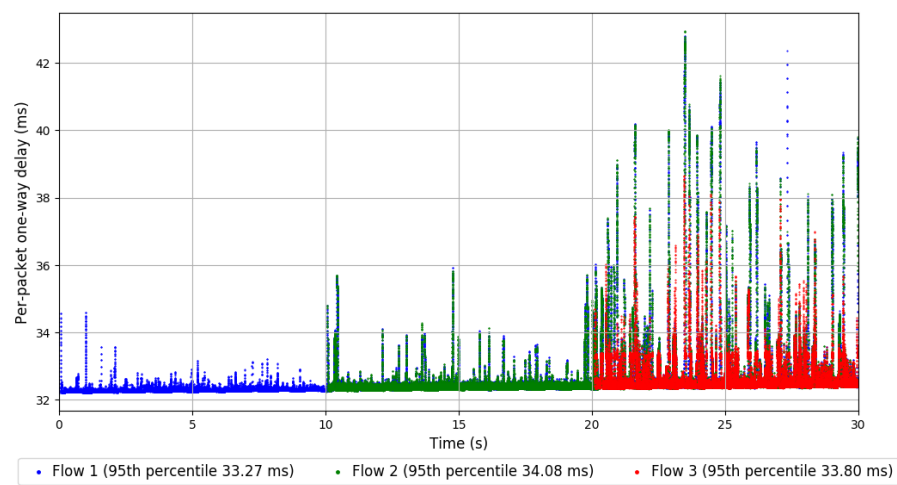
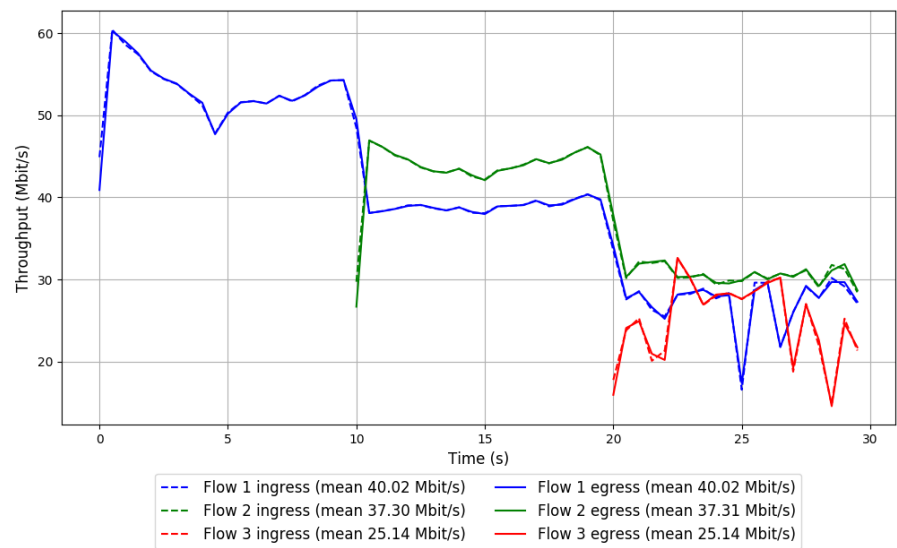


Run 6: Statistics of Copa

Start at: 2018-02-13 15:31:21
End at: 2018-02-13 15:31:51
Local clock offset: 4.466 ms
Remote clock offset: -21.608 ms

Below is generated by plot.py at 2018-02-13 21:15:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.19 Mbit/s
95th percentile per-packet one-way delay: 33.620 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 40.02 Mbit/s
95th percentile per-packet one-way delay: 33.267 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 37.31 Mbit/s
95th percentile per-packet one-way delay: 34.078 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: 33.804 ms
Loss rate: 0.26%

Run 6: Report of Copa — Data Link

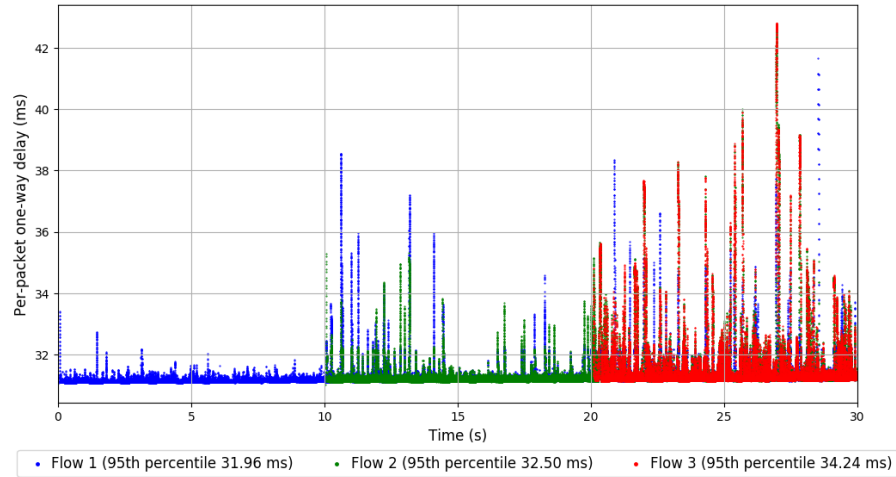
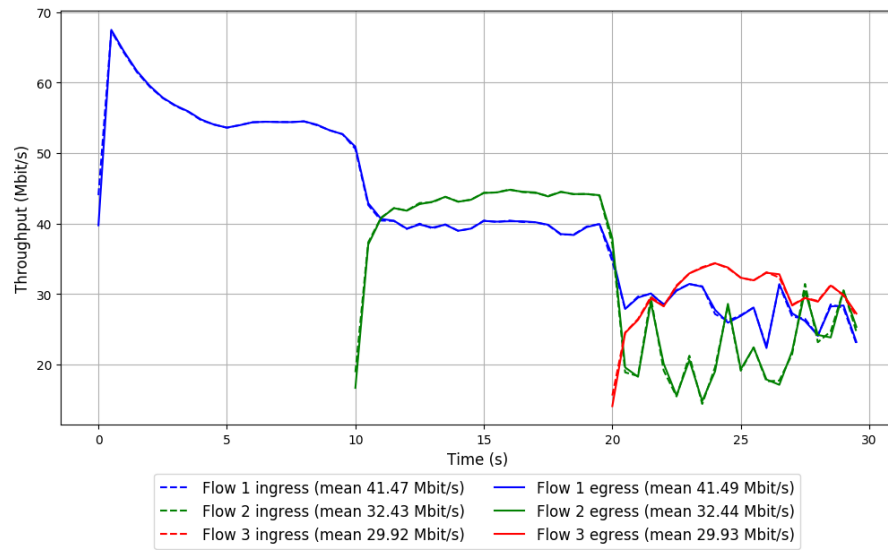


Run 7: Statistics of Copa

Start at: 2018-02-13 15:53:16
End at: 2018-02-13 15:53:46
Local clock offset: 1.979 ms
Remote clock offset: -18.32 ms

Below is generated by plot.py at 2018-02-13 21:16:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.99 Mbit/s
95th percentile per-packet one-way delay: 32.161 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 41.49 Mbit/s
95th percentile per-packet one-way delay: 31.960 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 32.44 Mbit/s
95th percentile per-packet one-way delay: 32.497 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 29.93 Mbit/s
95th percentile per-packet one-way delay: 34.240 ms
Loss rate: 0.25%

Run 7: Report of Copa — Data Link

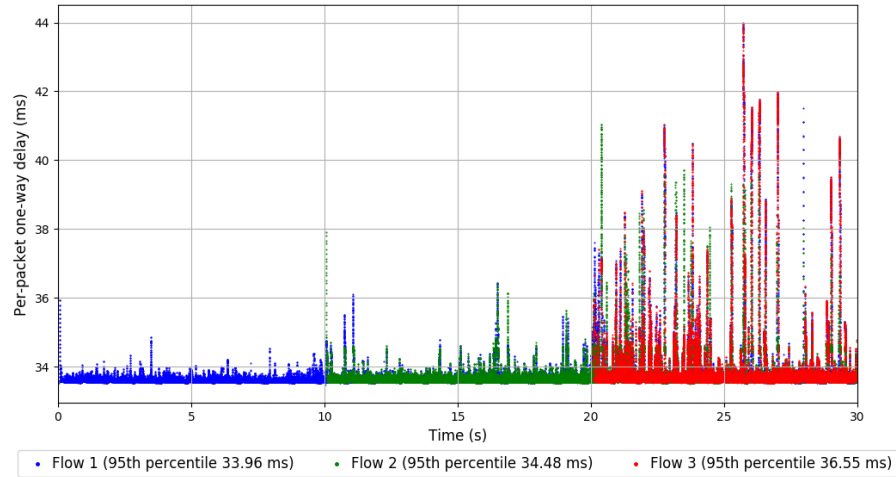
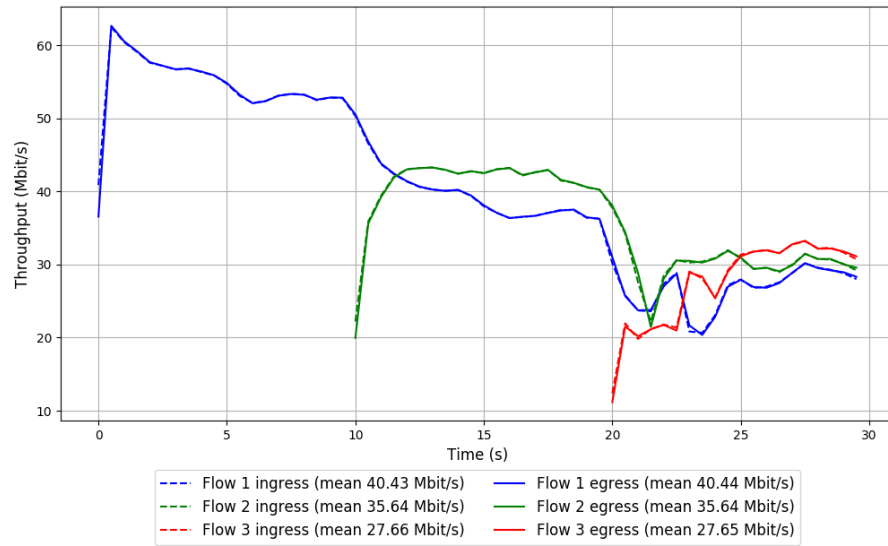


Run 8: Statistics of Copa

Start at: 2018-02-13 16:15:32
End at: 2018-02-13 16:16:03
Local clock offset: 4.364 ms
Remote clock offset: -17.61 ms

Below is generated by plot.py at 2018-02-13 21:16:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 34.444 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 33.958 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.64 Mbit/s
95th percentile per-packet one-way delay: 34.480 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 36.552 ms
Loss rate: 0.33%

Run 8: Report of Copa — Data Link

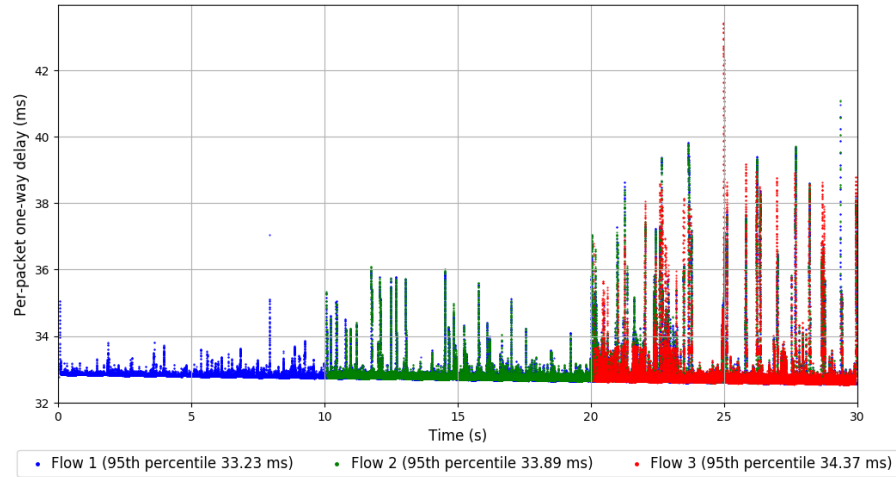
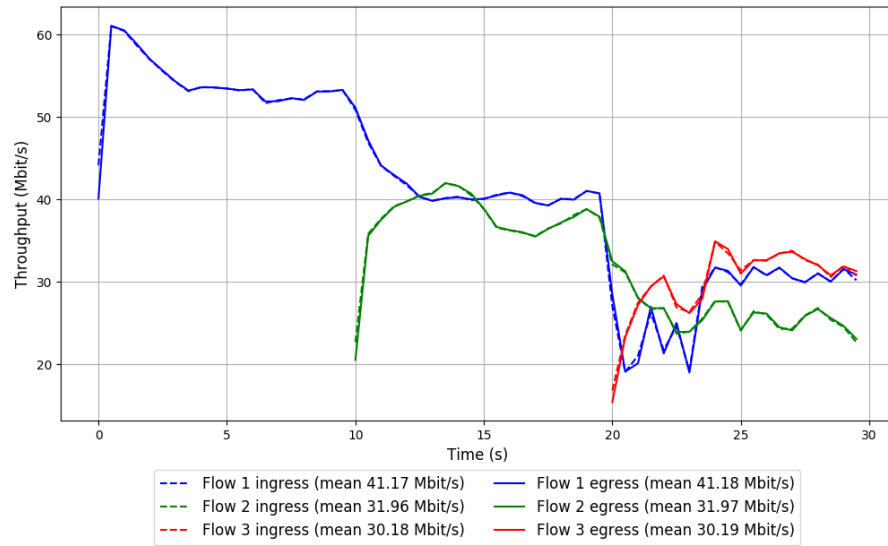


Run 9: Statistics of Copa

Start at: 2018-02-13 16:38:03
End at: 2018-02-13 16:38:33
Local clock offset: 3.645 ms
Remote clock offset: -18.313 ms

Below is generated by plot.py at 2018-02-13 21:16:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.45 Mbit/s
95th percentile per-packet one-way delay: 33.585 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 41.18 Mbit/s
95th percentile per-packet one-way delay: 33.228 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 33.891 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 34.374 ms
Loss rate: 0.26%

Run 9: Report of Copa — Data Link

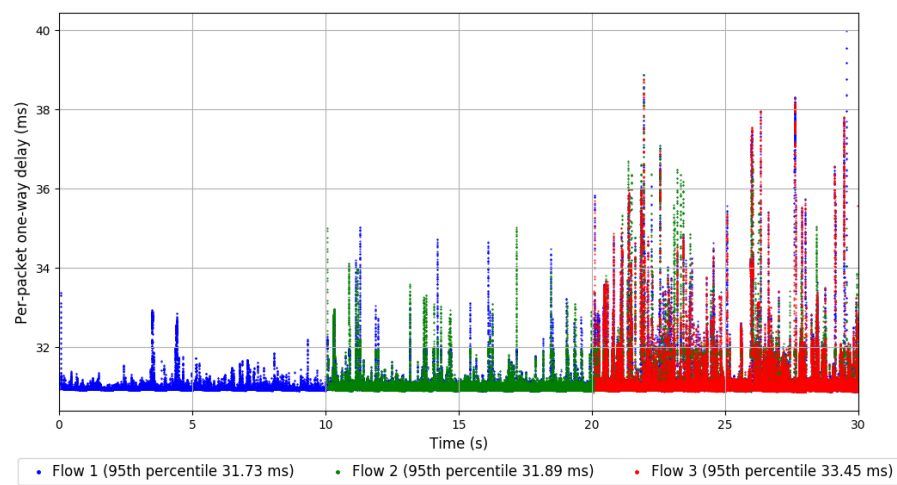
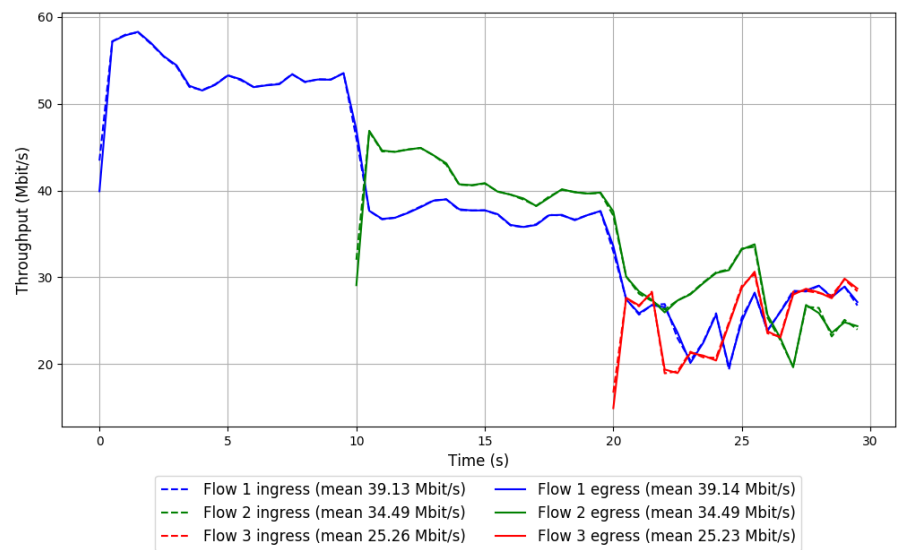


Run 10: Statistics of Copa

Start at: 2018-02-13 17:00:04
End at: 2018-02-13 17:00:34
Local clock offset: 0.977 ms
Remote clock offset: -23.123 ms

Below is generated by plot.py at 2018-02-13 21:16:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.45 Mbit/s
95th percentile per-packet one-way delay: 31.942 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 31.725 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 34.49 Mbit/s
95th percentile per-packet one-way delay: 31.895 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 25.23 Mbit/s
95th percentile per-packet one-way delay: 33.446 ms
Loss rate: 0.35%

Run 10: Report of Copa — Data Link

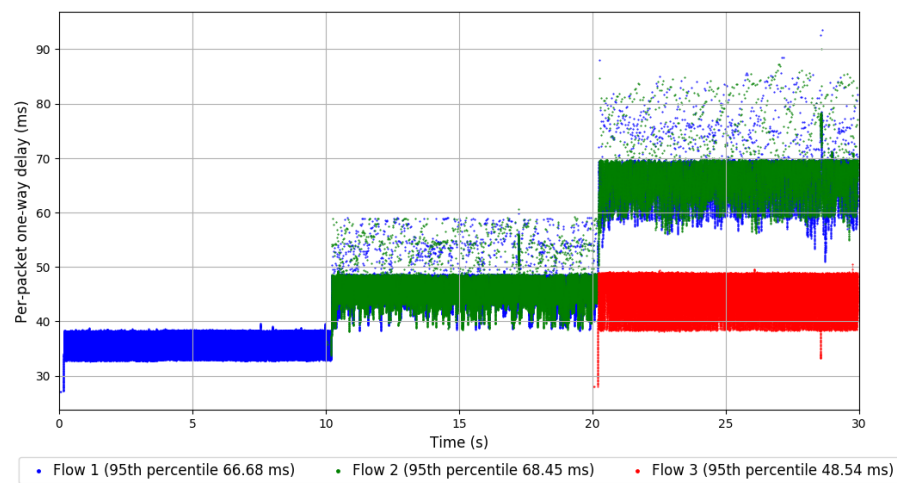
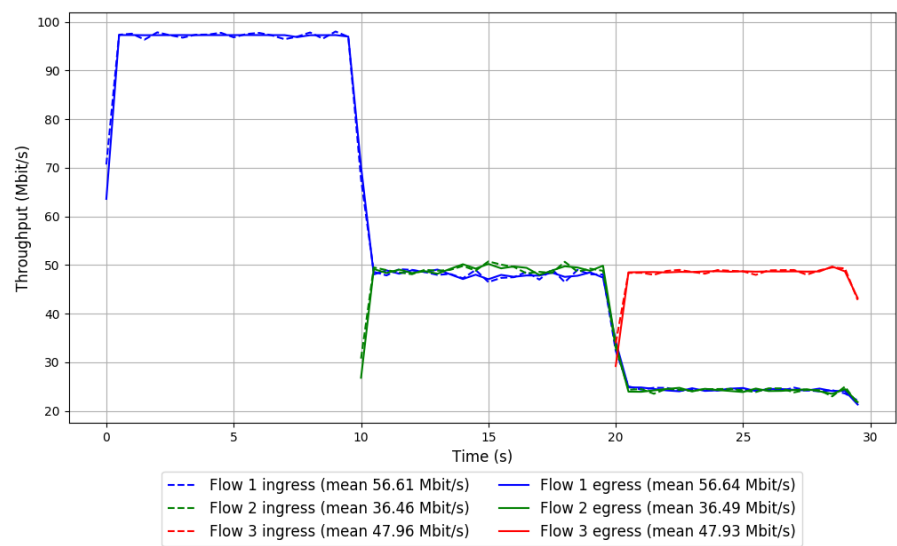


Run 1: Statistics of FillP

Start at: 2018-02-13 13:37:38
End at: 2018-02-13 13:38:08
Local clock offset: 1.818 ms
Remote clock offset: -11.699 ms

Below is generated by plot.py at 2018-02-13 21:17:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 67.214 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 66.678 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.49 Mbit/s
95th percentile per-packet one-way delay: 68.453 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 47.93 Mbit/s
95th percentile per-packet one-way delay: 48.540 ms
Loss rate: 0.46%

Run 1: Report of FillP — Data Link

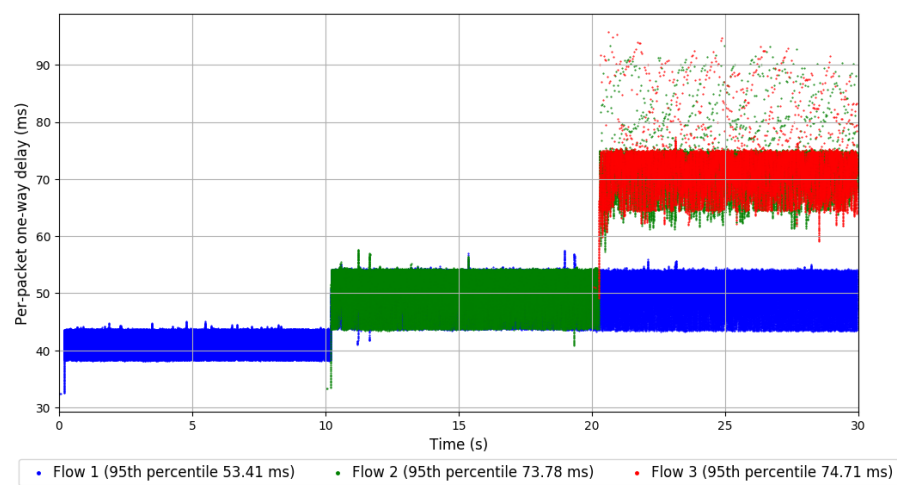
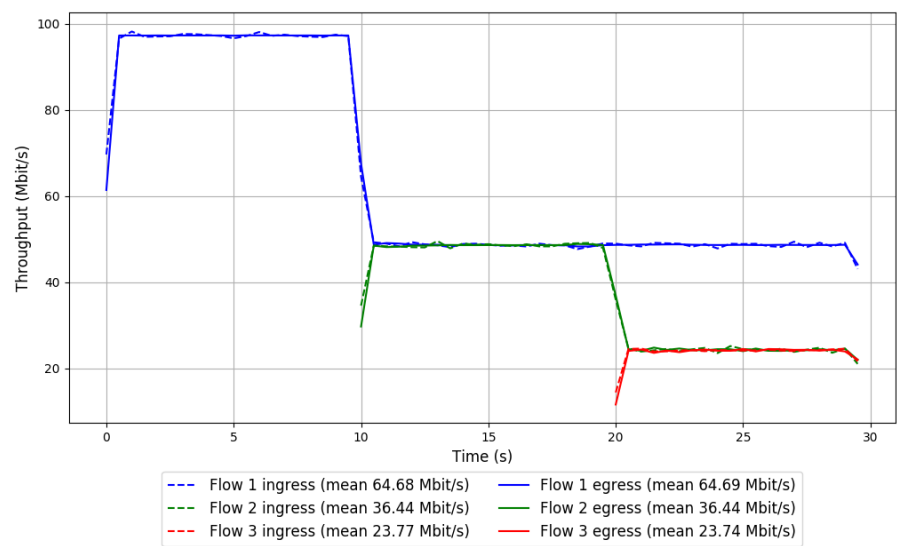


Run 2: Statistics of FillP

Start at: 2018-02-13 13:59:26
End at: 2018-02-13 13:59:56
Local clock offset: 6.202 ms
Remote clock offset: -16.366 ms

Below is generated by plot.py at 2018-02-13 21:17:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 72.687 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.69 Mbit/s
95th percentile per-packet one-way delay: 53.409 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.44 Mbit/s
95th percentile per-packet one-way delay: 73.779 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 23.74 Mbit/s
95th percentile per-packet one-way delay: 74.709 ms
Loss rate: 0.72%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-02-13 14:20:59

End at: 2018-02-13 14:21:29

Local clock offset: 3.482 ms

Remote clock offset: -18.086 ms

Run 3: Report of FillP — Data Link

Figure is missing

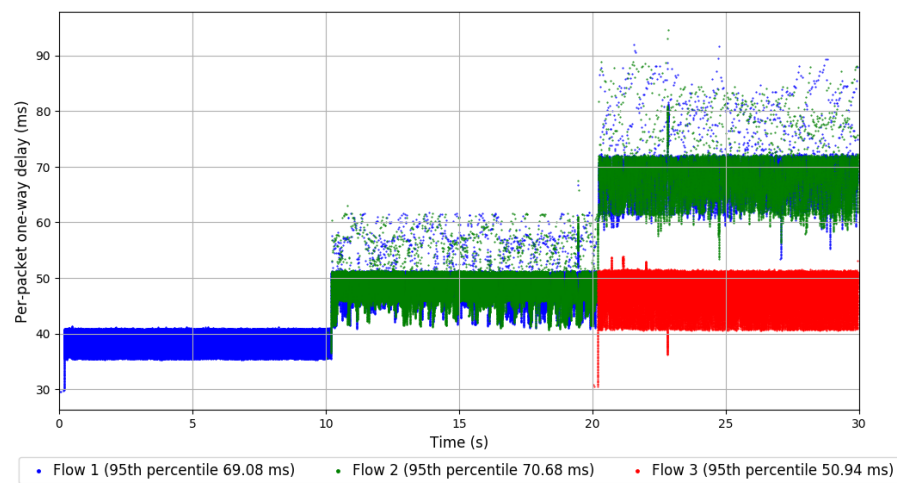
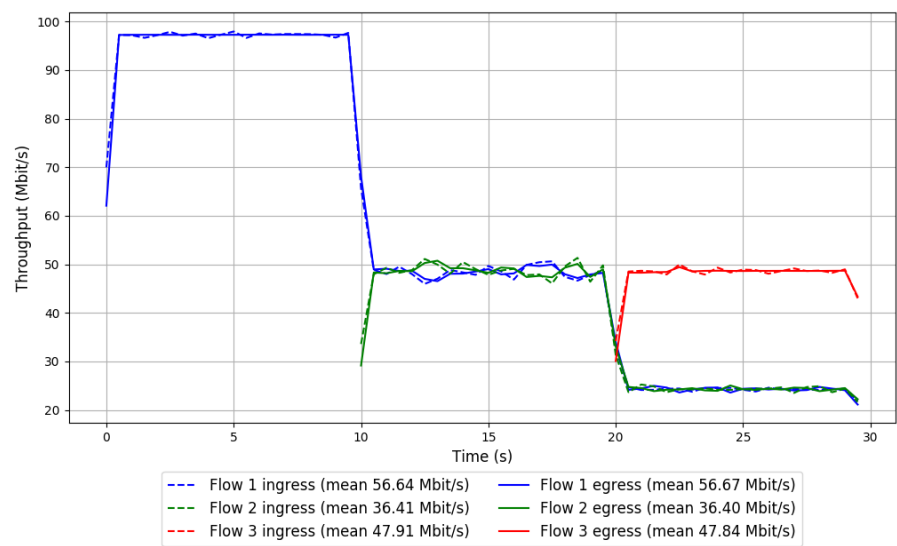
Figure is missing

Run 4: Statistics of FillP

Start at: 2018-02-13 14:42:43
End at: 2018-02-13 14:43:13
Local clock offset: 3.537 ms
Remote clock offset: -18.97 ms

Below is generated by plot.py at 2018-02-13 21:17:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 69.461 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.67 Mbit/s
95th percentile per-packet one-way delay: 69.082 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 70.684 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 50.936 ms
Loss rate: 0.46%

Run 4: Report of FillP — Data Link

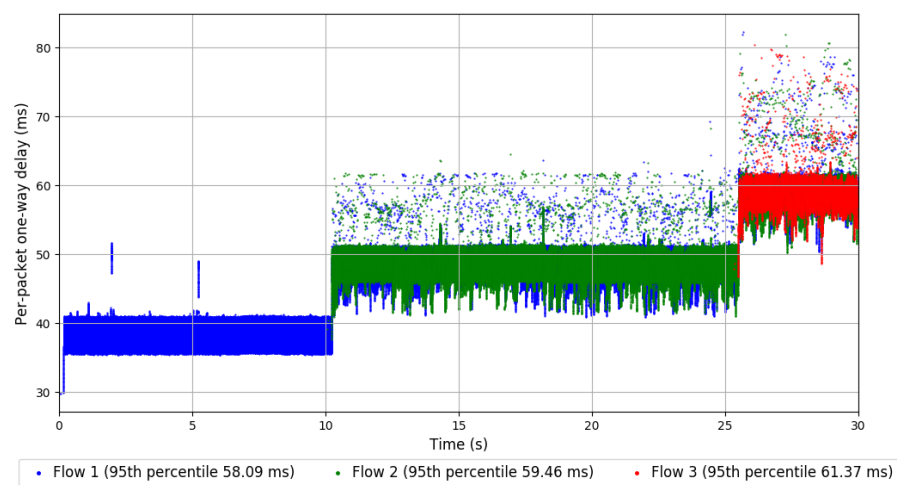
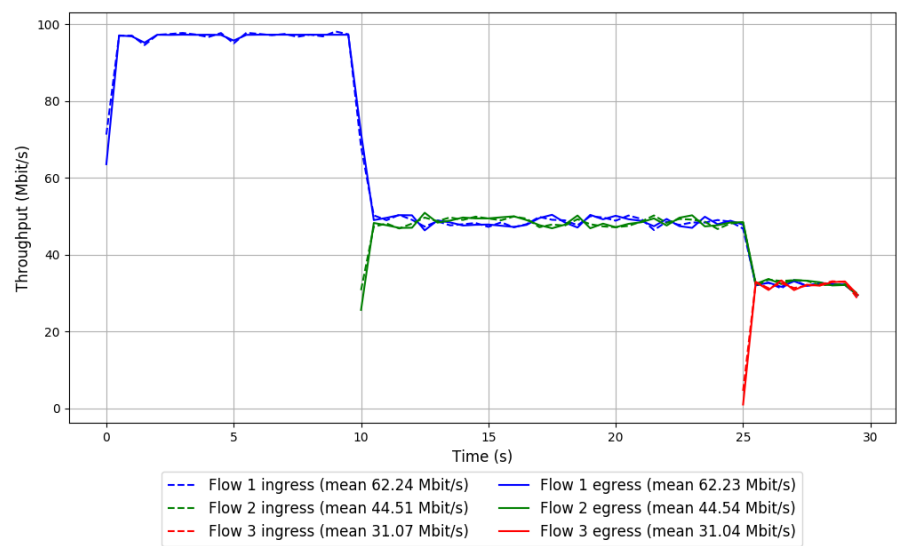


Run 5: Statistics of FillP

Start at: 2018-02-13 15:04:26
End at: 2018-02-13 15:04:56
Local clock offset: 3.185 ms
Remote clock offset: -20.561 ms

Below is generated by plot.py at 2018-02-13 21:17:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 59.530 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 62.23 Mbit/s
95th percentile per-packet one-way delay: 58.087 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 44.54 Mbit/s
95th percentile per-packet one-way delay: 59.463 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 61.371 ms
Loss rate: 0.98%

Run 5: Report of FillP — Data Link

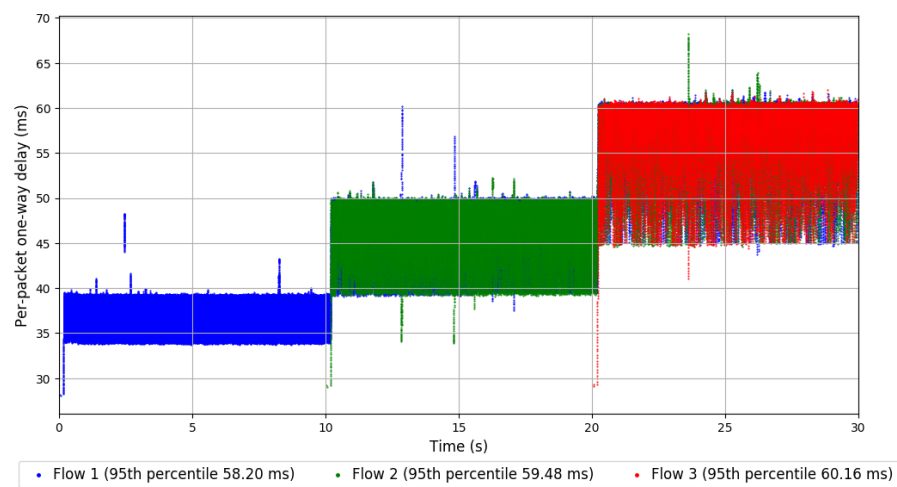
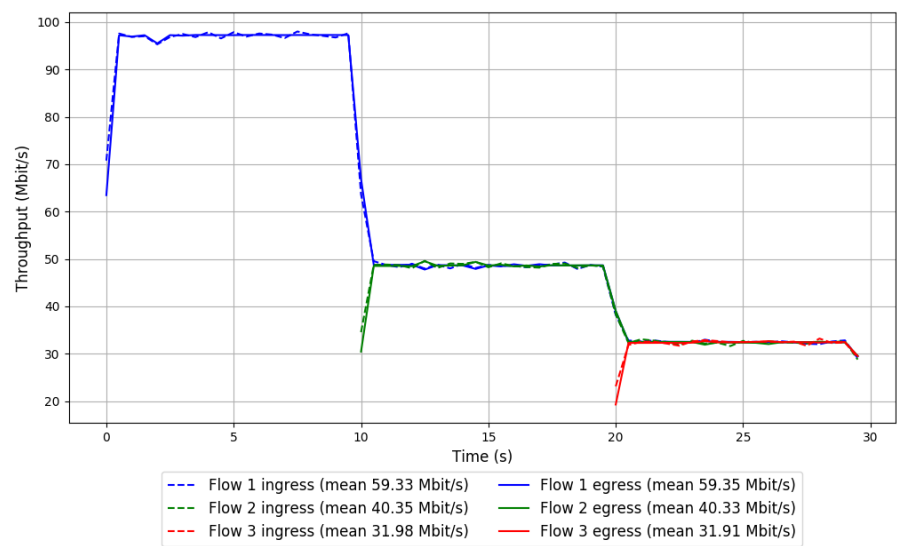


Run 6: Statistics of FillP

Start at: 2018-02-13 15:26:37
End at: 2018-02-13 15:27:07
Local clock offset: 3.351 ms
Remote clock offset: -20.427 ms

Below is generated by plot.py at 2018-02-13 21:17:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 59.300 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 58.199 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 59.484 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 60.157 ms
Loss rate: 0.53%

Run 6: Report of FillP — Data Link

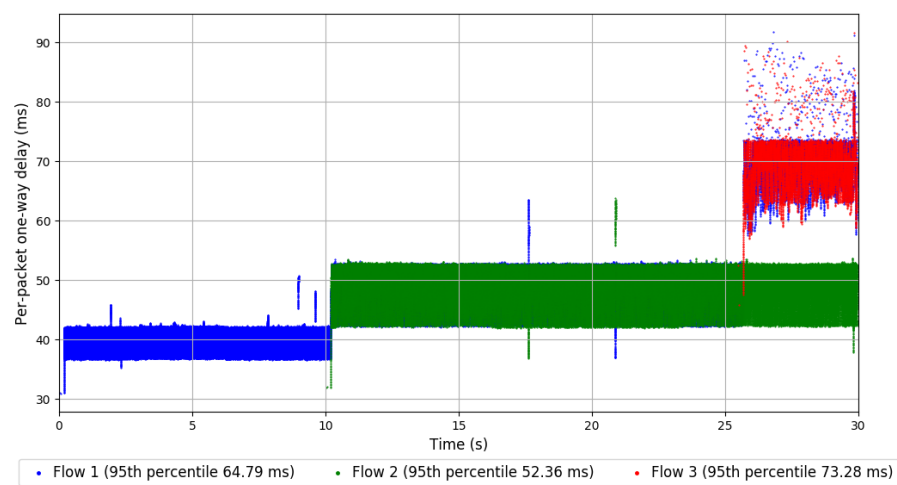
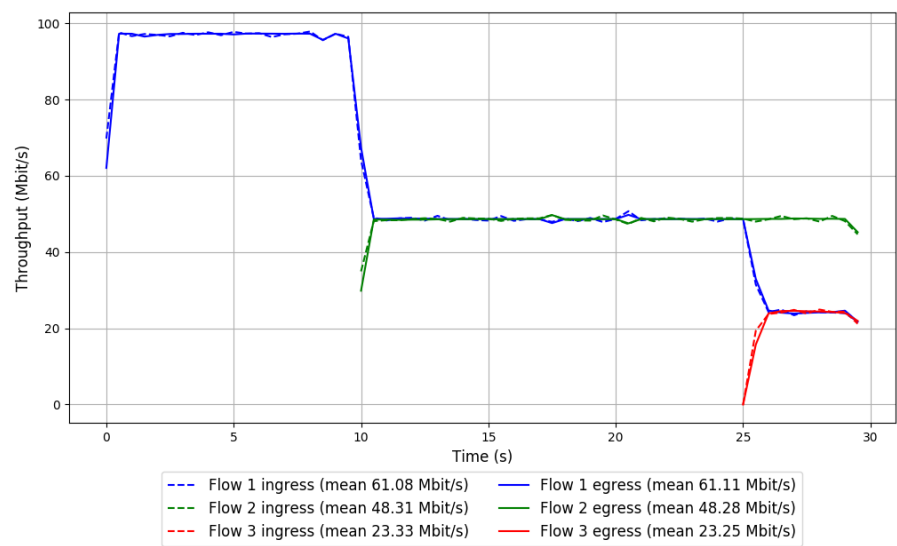


Run 7: Statistics of FillP

Start at: 2018-02-13 15:48:31
End at: 2018-02-13 15:49:01
Local clock offset: 1.113 ms
Remote clock offset: -19.694 ms

Below is generated by plot.py at 2018-02-13 21:17:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 67.252 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 61.11 Mbit/s
95th percentile per-packet one-way delay: 64.792 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 52.360 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.25 Mbit/s
95th percentile per-packet one-way delay: 73.281 ms
Loss rate: 1.39%

Run 7: Report of FillP — Data Link

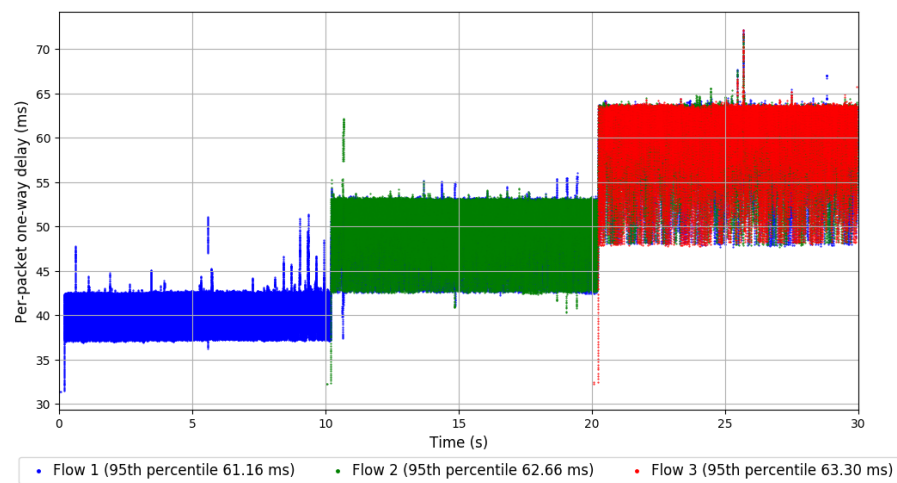
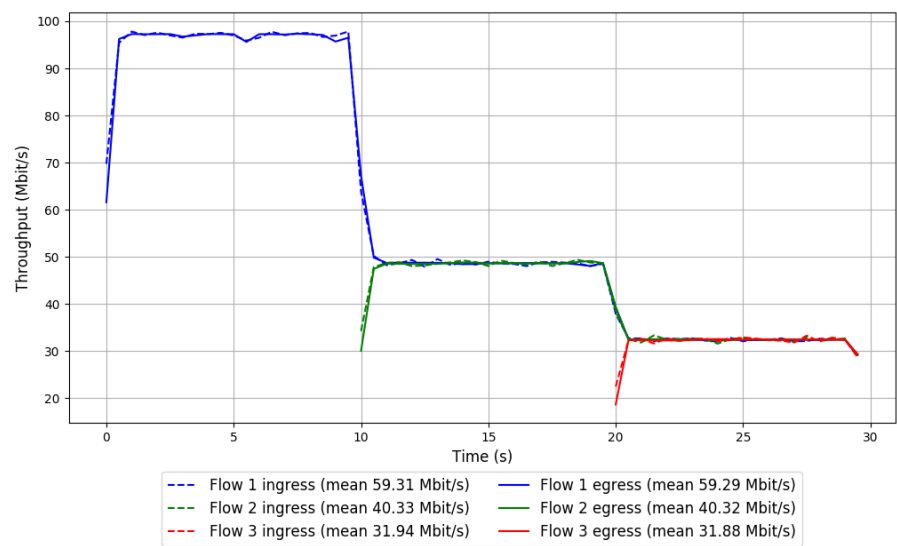


Run 8: Statistics of FillP

Start at: 2018-02-13 16:10:45
End at: 2018-02-13 16:11:15
Local clock offset: 2.694 ms
Remote clock offset: -16.821 ms

Below is generated by plot.py at 2018-02-13 21:18:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 62.411 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 59.29 Mbit/s
95th percentile per-packet one-way delay: 61.165 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 62.660 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 63.304 ms
Loss rate: 0.55%

Run 8: Report of FillP — Data Link

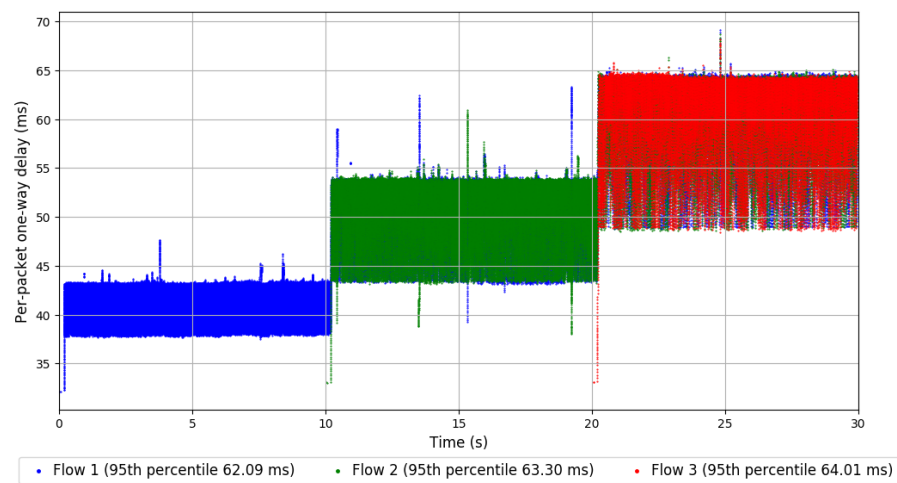
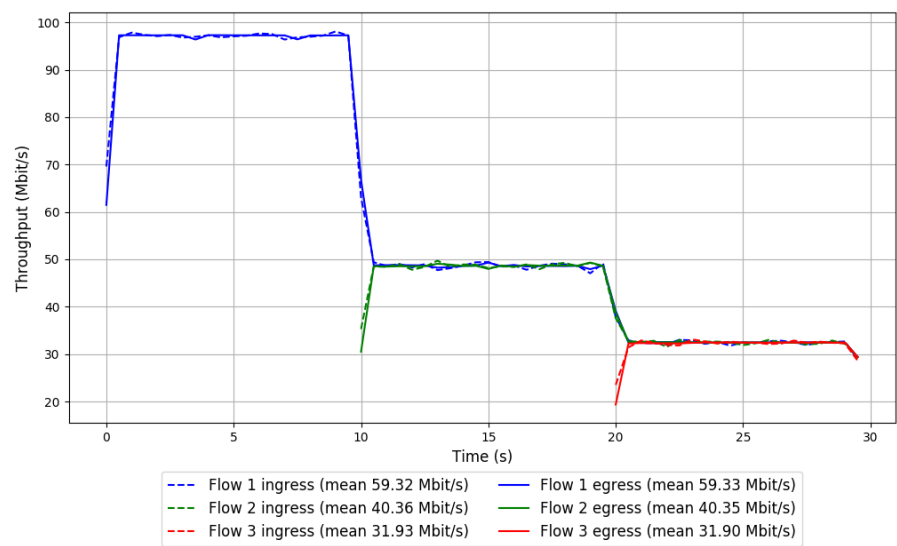


Run 9: Statistics of FillP

Start at: 2018-02-13 16:33:19
End at: 2018-02-13 16:33:49
Local clock offset: 2.761 ms
Remote clock offset: -17.227 ms

Below is generated by plot.py at 2018-02-13 21:18:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 63.158 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.33 Mbit/s
95th percentile per-packet one-way delay: 62.088 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 63.302 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 64.008 ms
Loss rate: 0.49%

Run 9: Report of FillP — Data Link

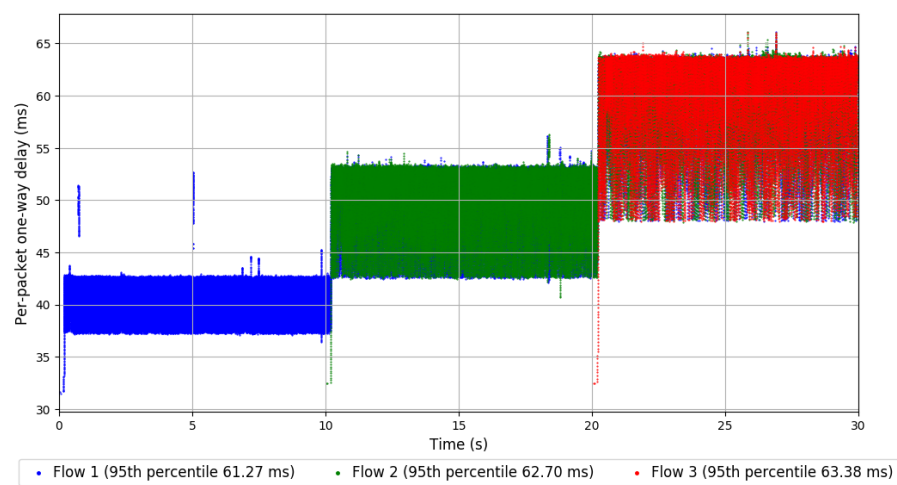
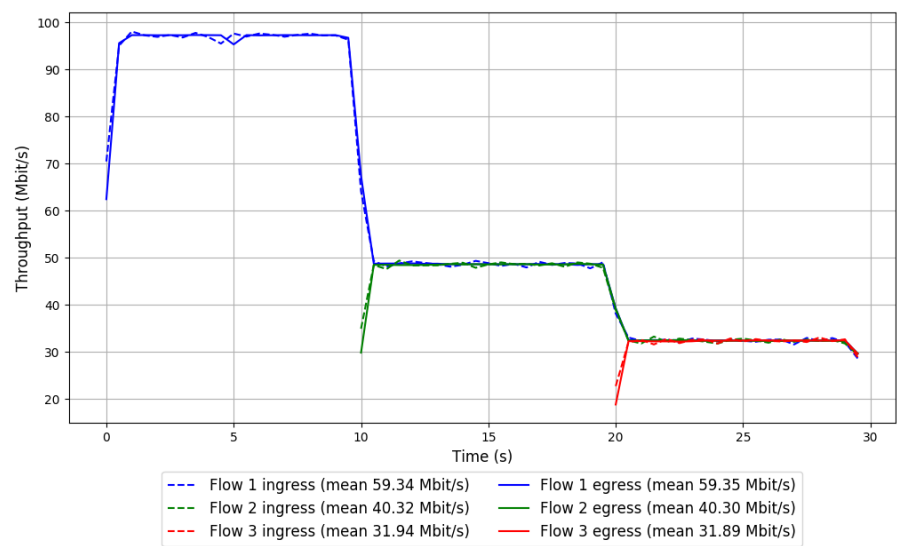


Run 10: Statistics of FillP

Start at: 2018-02-13 16:55:25
End at: 2018-02-13 16:55:55
Local clock offset: 3.356 ms
Remote clock offset: -21.222 ms

Below is generated by plot.py at 2018-02-13 21:18:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 62.475 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 61.274 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.30 Mbit/s
95th percentile per-packet one-way delay: 62.702 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 63.376 ms
Loss rate: 0.53%

Run 10: Report of FillP — Data Link

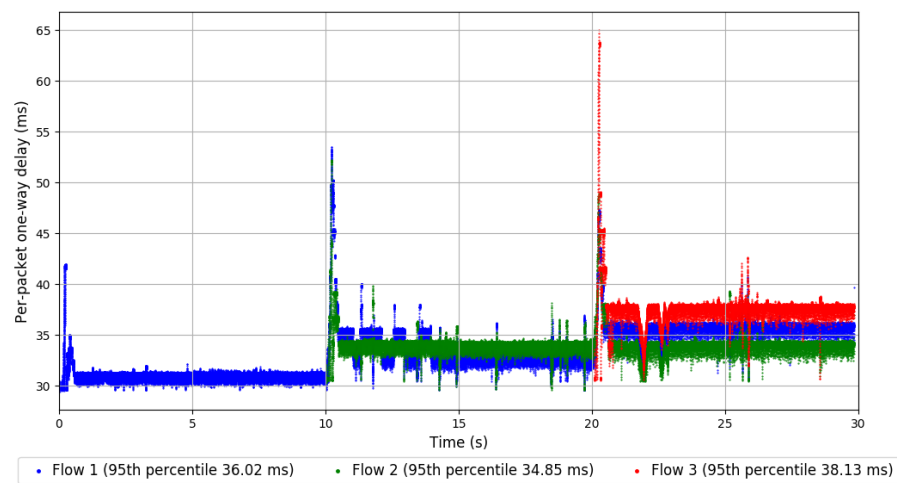
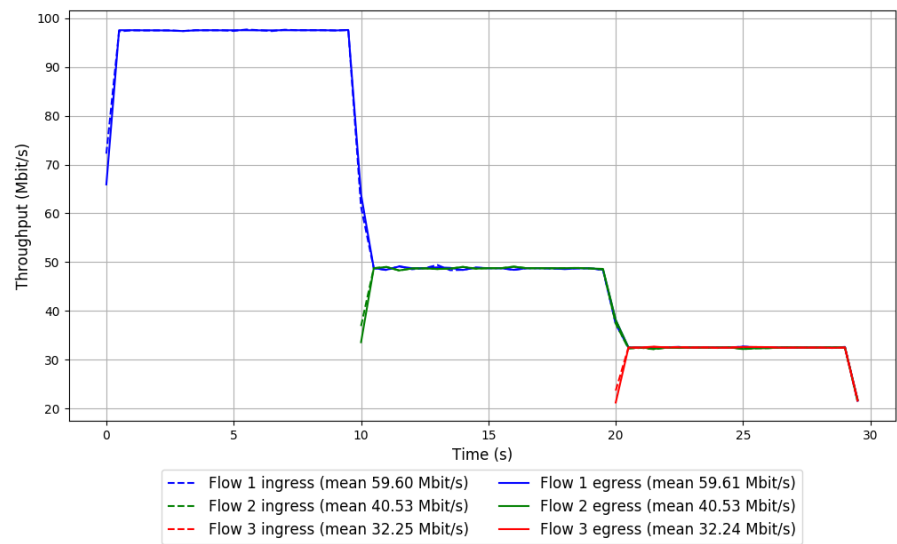


Run 1: Statistics of Indigo-1-32

Start at: 2018-02-13 13:31:26
End at: 2018-02-13 13:31:56
Local clock offset: 2.788 ms
Remote clock offset: -13.336 ms

Below is generated by plot.py at 2018-02-13 21:18:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 37.786 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 36.024 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 34.847 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 38.130 ms
Loss rate: 0.34%

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

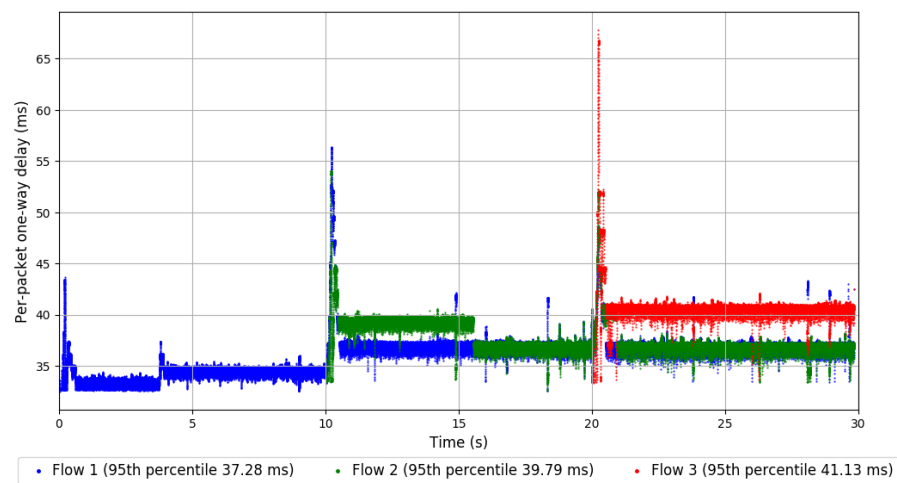
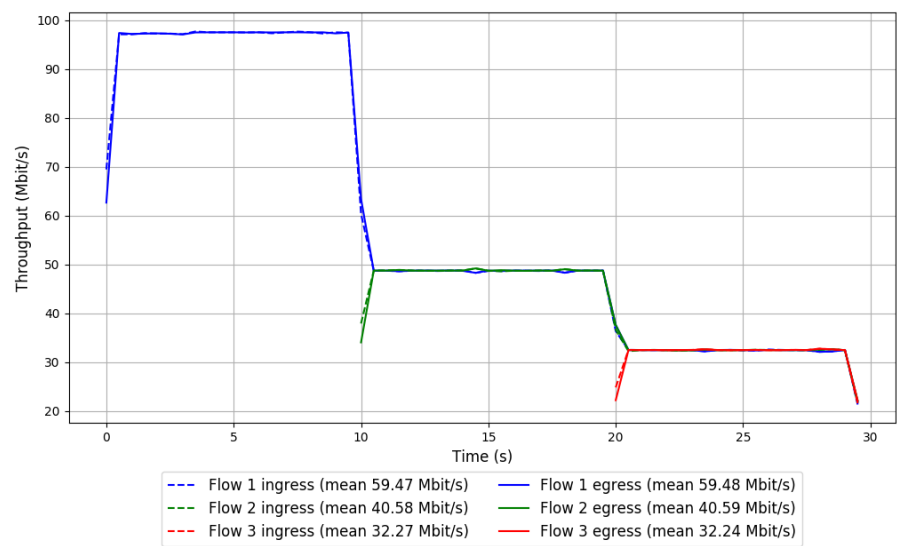


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-13 13:53:14
End at: 2018-02-13 13:53:44
Local clock offset: 5.225 ms
Remote clock offset: -16.453 ms

Below is generated by plot.py at 2018-02-13 21:19:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 40.792 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 37.284 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 39.792 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 41.132 ms
Loss rate: 0.33%

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

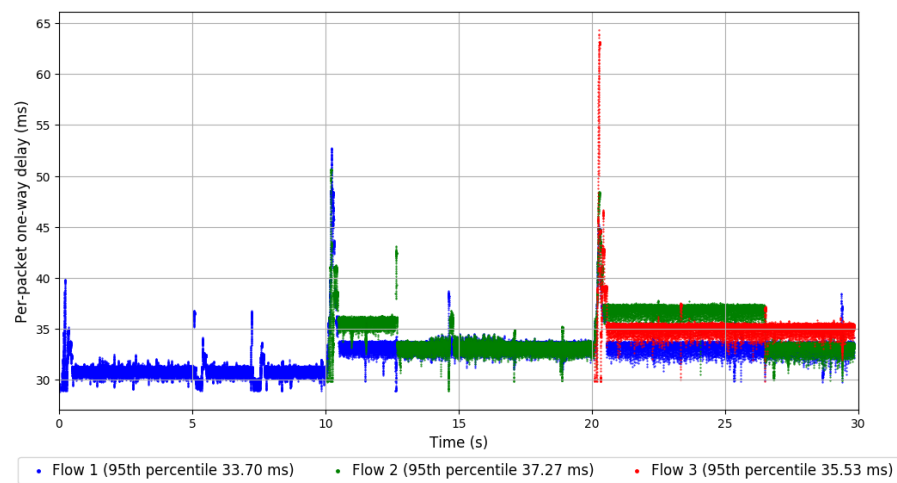
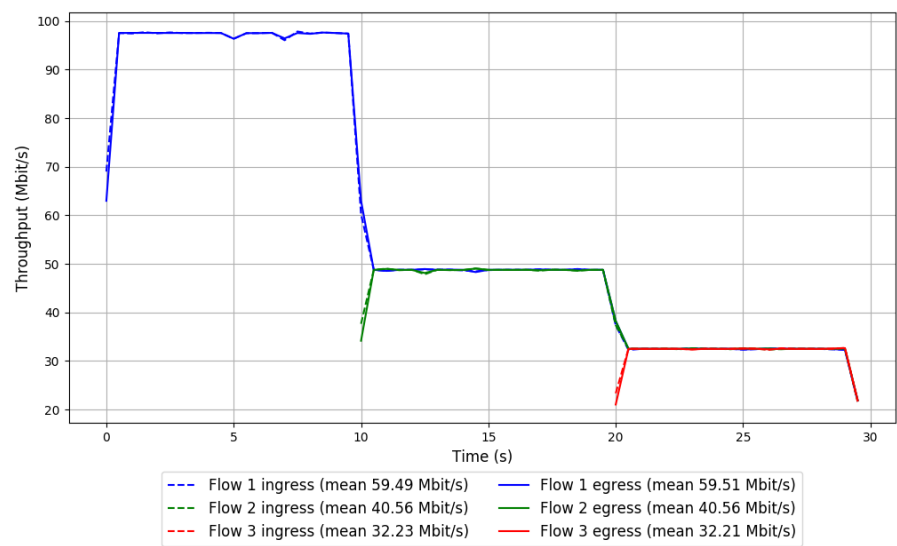


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-13 14:14:56
End at: 2018-02-13 14:15:26
Local clock offset: 3.166 ms
Remote clock offset: -16.885 ms

Below is generated by plot.py at 2018-02-13 21:19:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 37.111 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 33.705 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 37.274 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 35.527 ms
Loss rate: 0.32%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-13 14:36:33

End at: 2018-02-13 14:37:03

Local clock offset: 1.394 ms

Remote clock offset: -22.074 ms

Below is generated by plot.py at 2018-02-13 21:19:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 39.239 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 56.23 Mbit/s

95th percentile per-packet one-way delay: 39.224 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 36.92 Mbit/s

95th percentile per-packet one-way delay: 39.321 ms

Loss rate: 0.11%

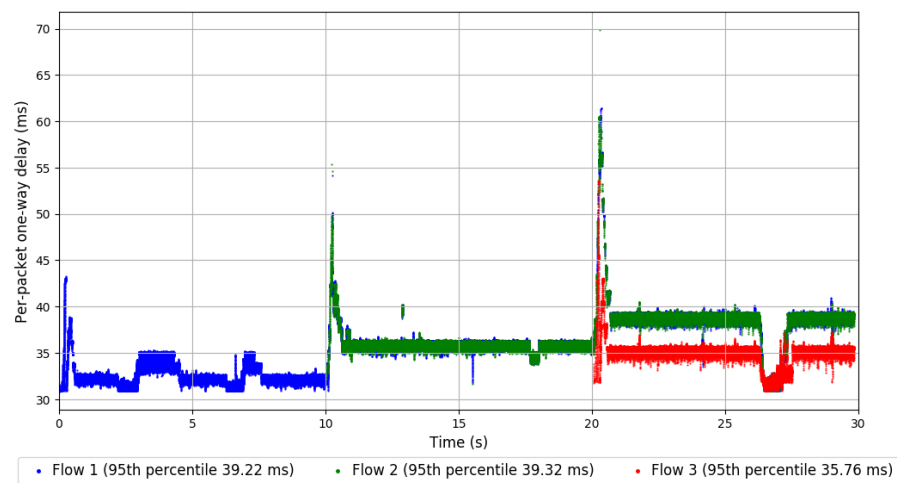
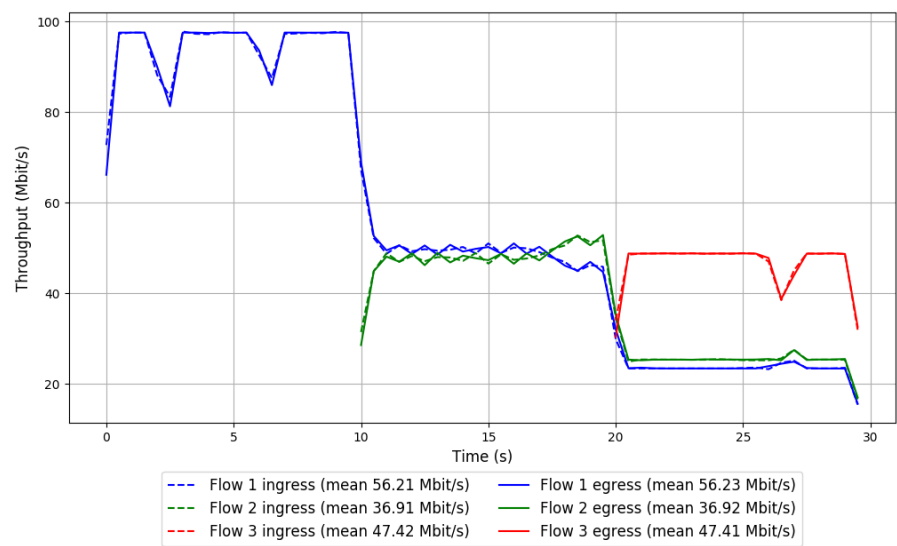
-- Flow 3:

Average throughput: 47.41 Mbit/s

95th percentile per-packet one-way delay: 35.760 ms

Loss rate: 0.30%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-13 14:58:17

End at: 2018-02-13 14:58:47

Local clock offset: -0.854 ms

Remote clock offset: -20.491 ms

Below is generated by plot.py at 2018-02-13 21:19:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 35.185 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 59.48 Mbit/s

95th percentile per-packet one-way delay: 31.693 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 40.52 Mbit/s

95th percentile per-packet one-way delay: 35.312 ms

Loss rate: 0.12%

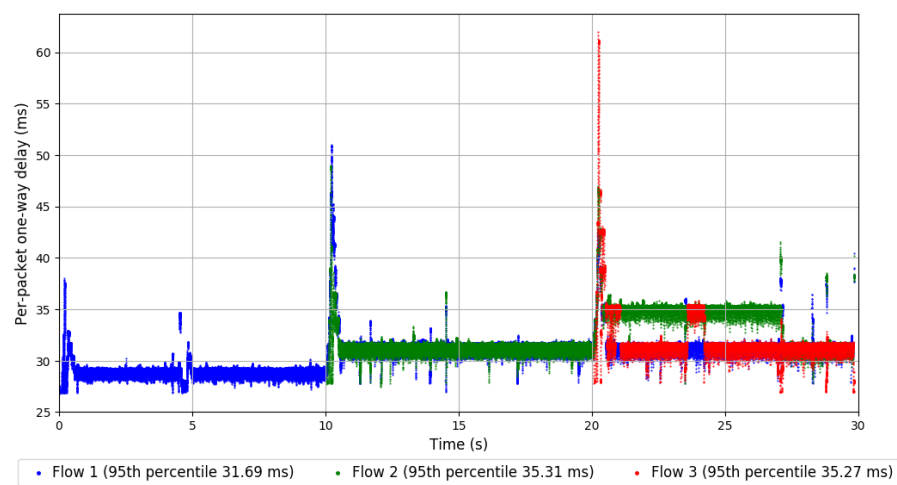
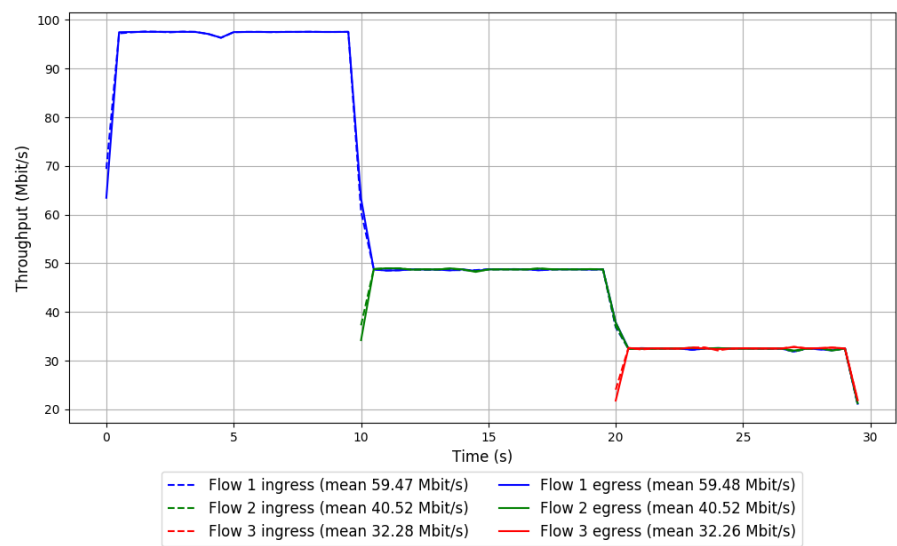
-- Flow 3:

Average throughput: 32.26 Mbit/s

95th percentile per-packet one-way delay: 35.267 ms

Loss rate: 0.30%

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

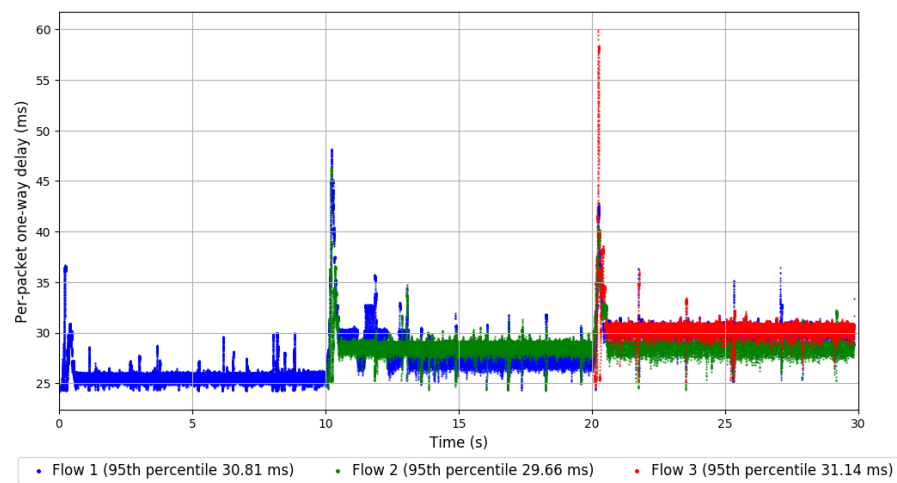
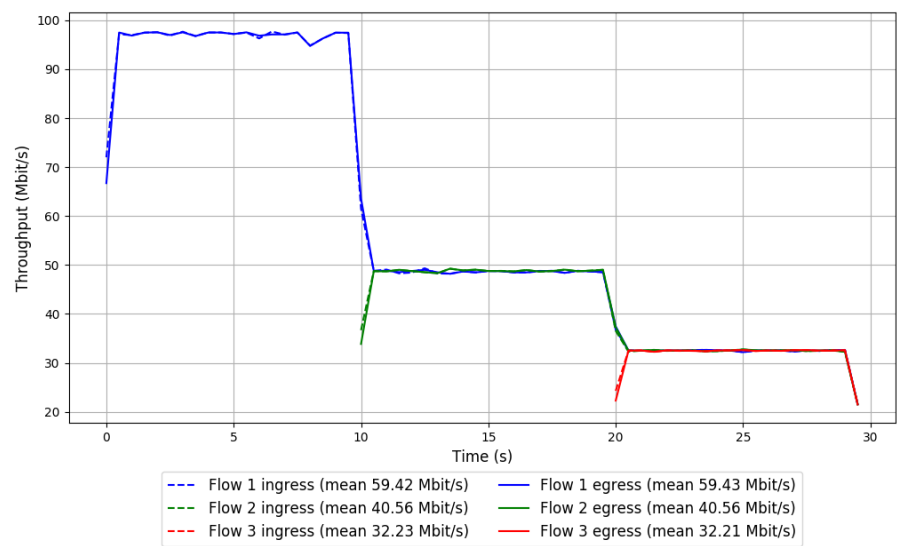


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-13 15:20:21
End at: 2018-02-13 15:20:51
Local clock offset: -1.623 ms
Remote clock offset: -21.156 ms

Below is generated by plot.py at 2018-02-13 21:19:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 30.857 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.43 Mbit/s
95th percentile per-packet one-way delay: 30.809 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 29.658 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 31.139 ms
Loss rate: 0.32%

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

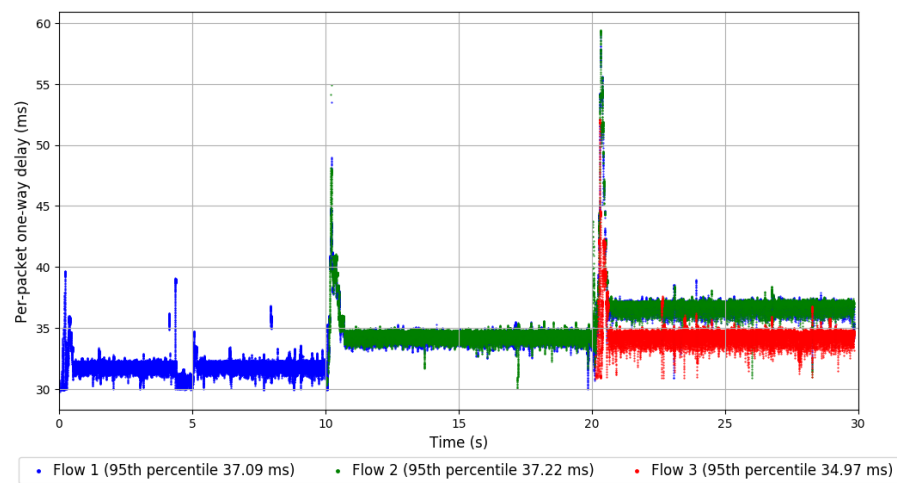
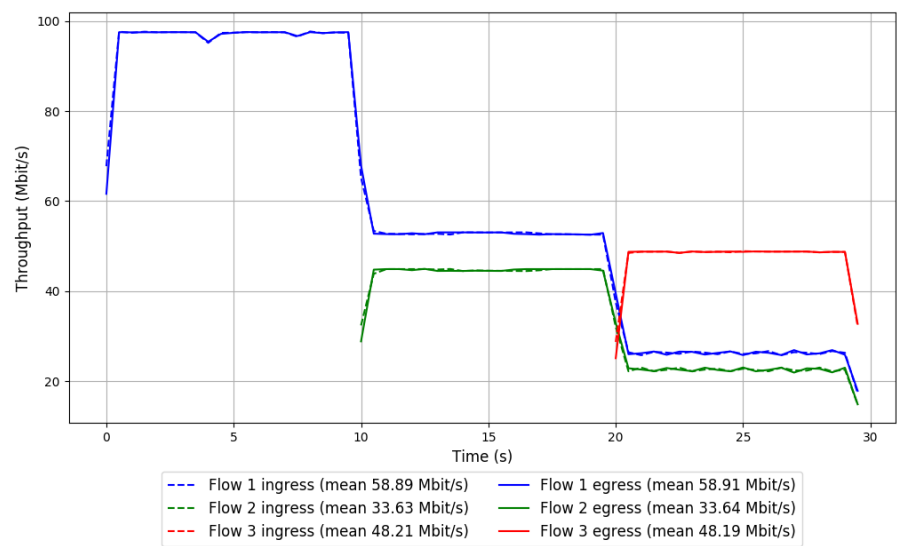


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-13 15:42:24
End at: 2018-02-13 15:42:54
Local clock offset: 1.245 ms
Remote clock offset: -19.193 ms

Below is generated by plot.py at 2018-02-13 21:19:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 37.119 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 37.089 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.64 Mbit/s
95th percentile per-packet one-way delay: 37.221 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 48.19 Mbit/s
95th percentile per-packet one-way delay: 34.970 ms
Loss rate: 0.30%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-13 16:04:26

End at: 2018-02-13 16:04:56

Local clock offset: 3.527 ms

Remote clock offset: -19.089 ms

Below is generated by plot.py at 2018-02-13 21:20:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.04 Mbit/s

95th percentile per-packet one-way delay: 42.700 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 59.59 Mbit/s

95th percentile per-packet one-way delay: 39.138 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 40.47 Mbit/s

95th percentile per-packet one-way delay: 42.772 ms

Loss rate: 0.12%

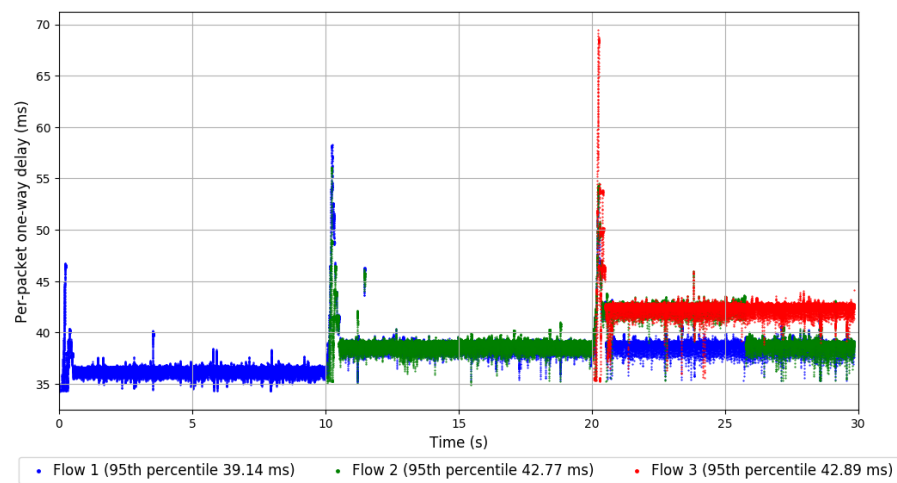
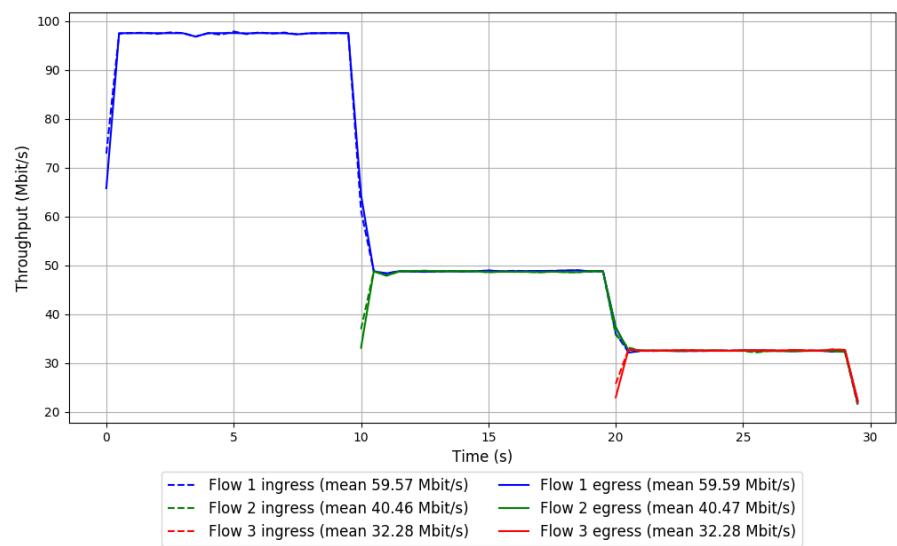
-- Flow 3:

Average throughput: 32.28 Mbit/s

95th percentile per-packet one-way delay: 42.887 ms

Loss rate: 0.33%

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

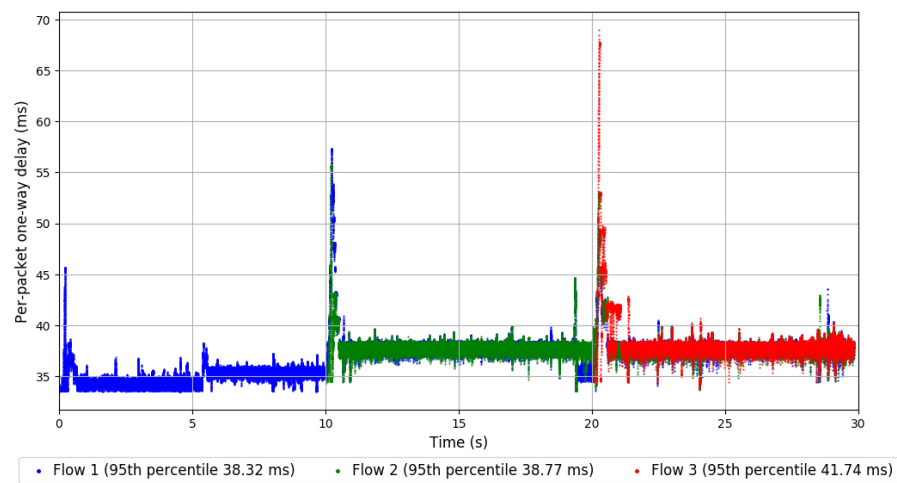
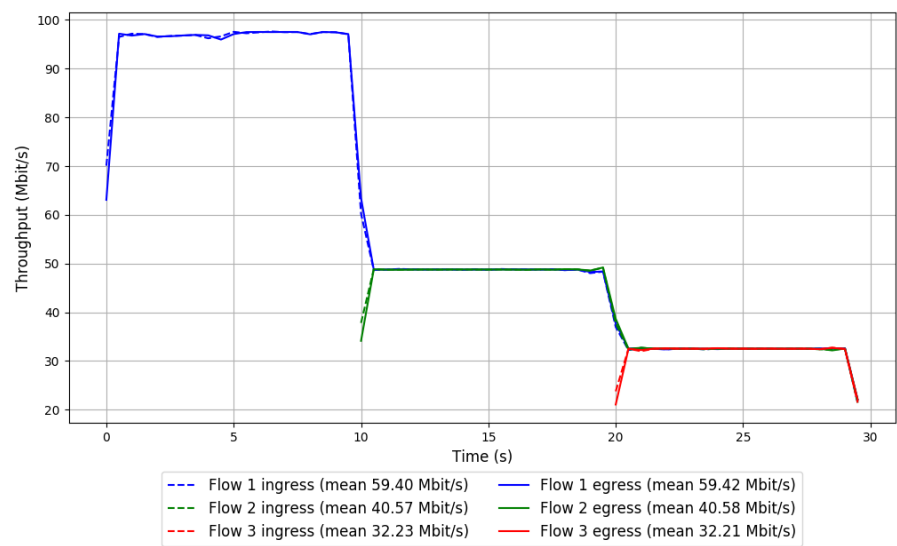


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-13 16:26:58
End at: 2018-02-13 16:27:28
Local clock offset: 3.184 ms
Remote clock offset: -18.348 ms

Below is generated by plot.py at 2018-02-13 21:20:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 38.494 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 38.318 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 38.770 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 41.737 ms
Loss rate: 0.30%

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

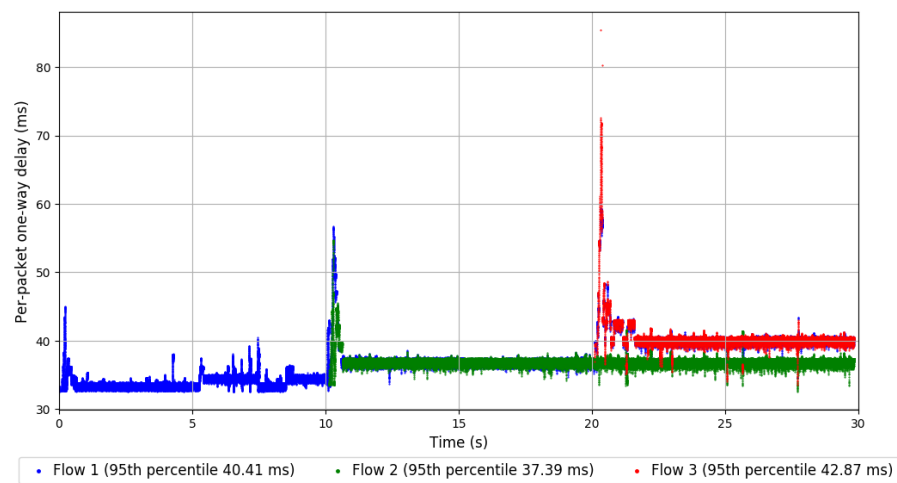
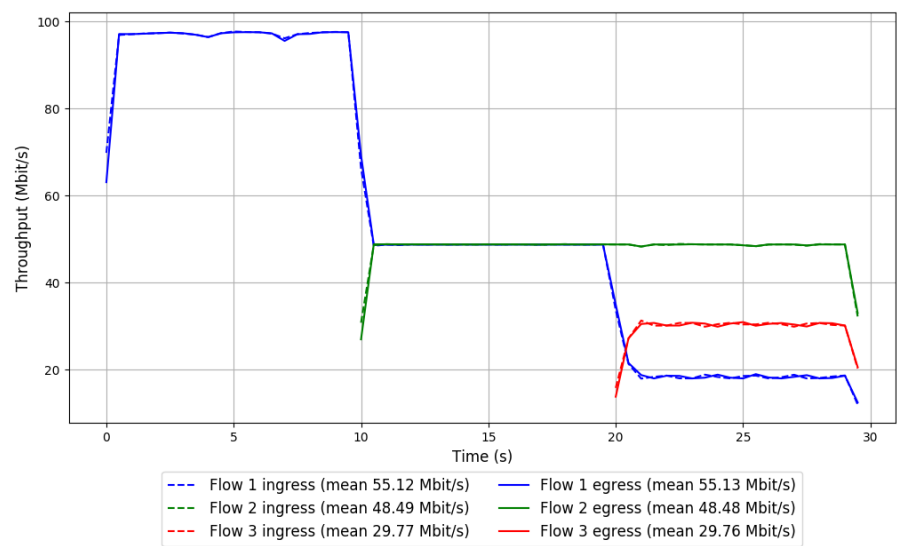


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-13 16:49:13
End at: 2018-02-13 16:49:43
Local clock offset: 2.634 ms
Remote clock offset: -22.246 ms

Below is generated by plot.py at 2018-02-13 21:20:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 40.456 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 40.405 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 37.387 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 29.76 Mbit/s
95th percentile per-packet one-way delay: 42.869 ms
Loss rate: 0.33%

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

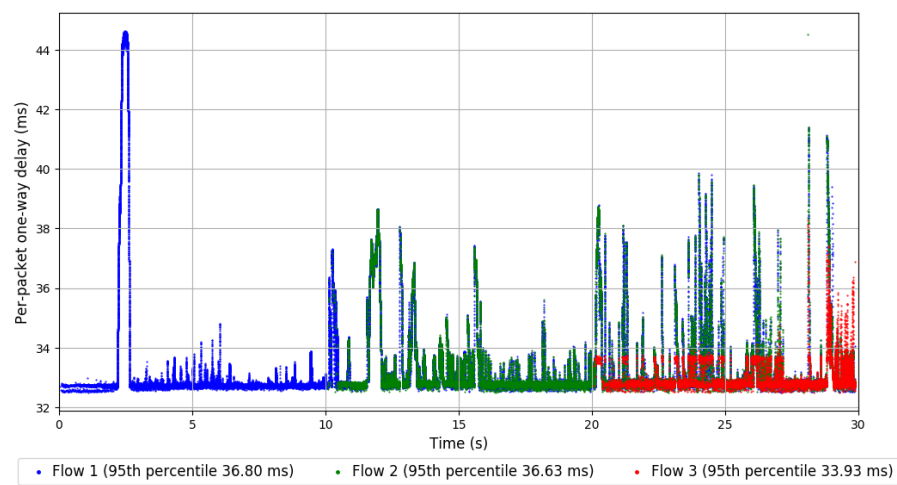
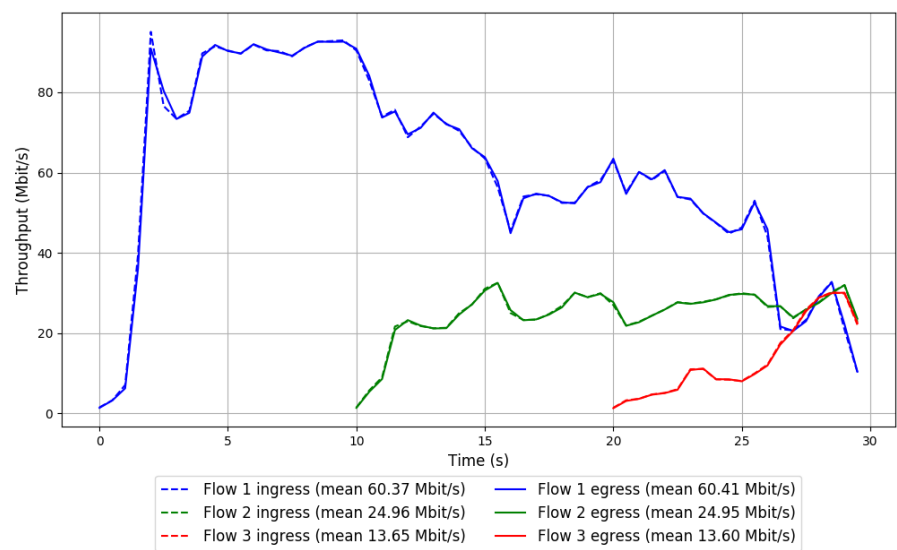


Run 1: Statistics of Vivace-latency

Start at: 2018-02-13 13:38:48
End at: 2018-02-13 13:39:18
Local clock offset: 3.53 ms
Remote clock offset: -15.52 ms

Below is generated by plot.py at 2018-02-13 21:20:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.46 Mbit/s
95th percentile per-packet one-way delay: 36.684 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 60.41 Mbit/s
95th percentile per-packet one-way delay: 36.795 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 24.95 Mbit/s
95th percentile per-packet one-way delay: 36.632 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 13.60 Mbit/s
95th percentile per-packet one-way delay: 33.934 ms
Loss rate: 0.55%

Run 1: Report of Vivace-latency — Data Link

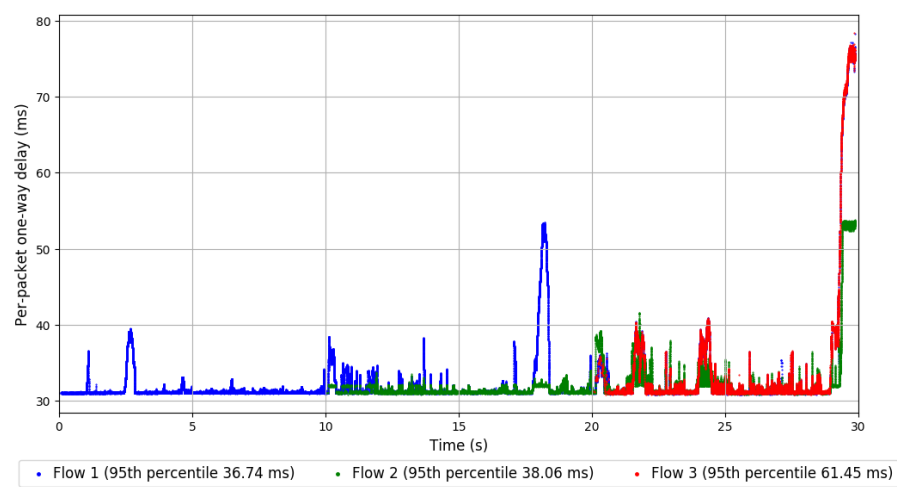
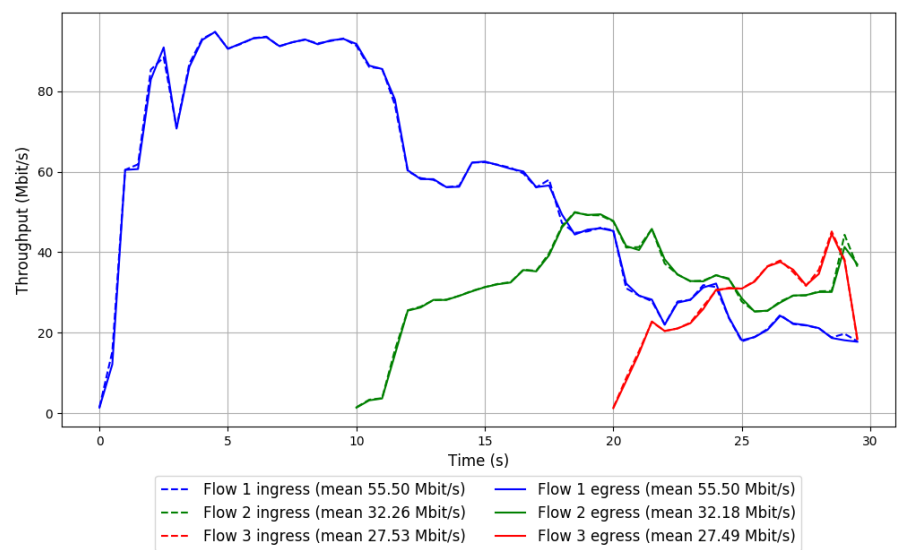


Run 2: Statistics of Vivace-latency

Start at: 2018-02-13 14:00:37
End at: 2018-02-13 14:01:07
Local clock offset: 4.782 ms
Remote clock offset: -16.505 ms

Below is generated by plot.py at 2018-02-13 21:20:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.93 Mbit/s
95th percentile per-packet one-way delay: 38.022 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 55.50 Mbit/s
95th percentile per-packet one-way delay: 36.738 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 38.061 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 27.49 Mbit/s
95th percentile per-packet one-way delay: 61.450 ms
Loss rate: 0.62%

Run 2: Report of Vivace-latency — Data Link

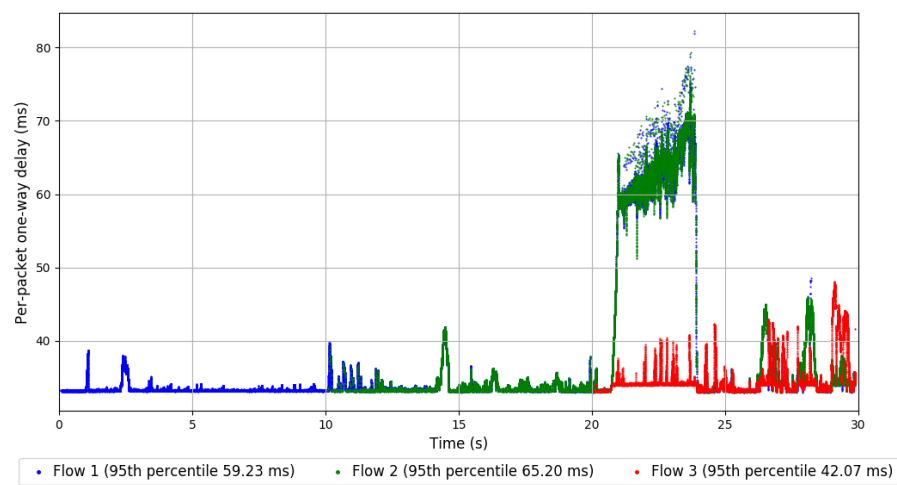
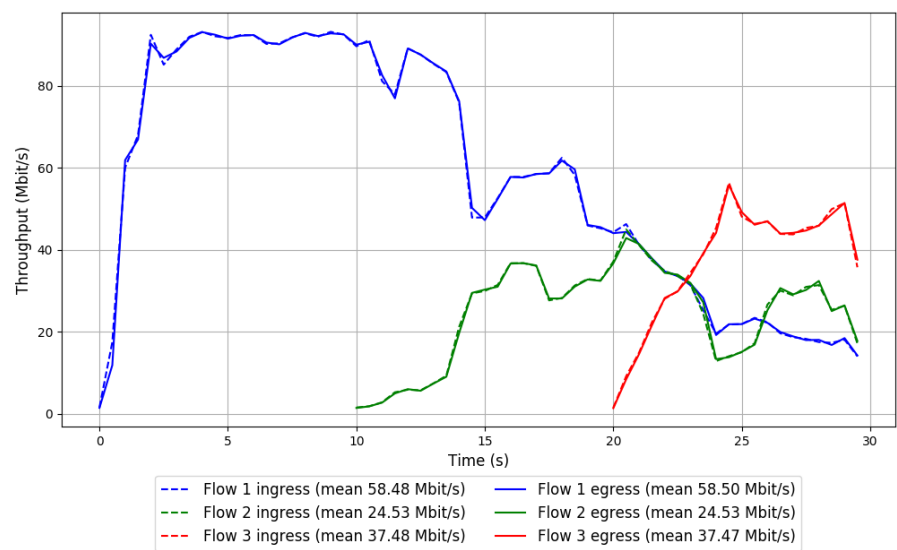


Run 3: Statistics of Vivace-latency

Start at: 2018-02-13 14:22:07
End at: 2018-02-13 14:22:37
Local clock offset: 7.369 ms
Remote clock offset: -18.602 ms

Below is generated by plot.py at 2018-02-13 21:20:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 60.909 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 59.228 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 65.198 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 37.47 Mbit/s
95th percentile per-packet one-way delay: 42.072 ms
Loss rate: 0.36%

Run 3: Report of Vivace-latency — Data Link

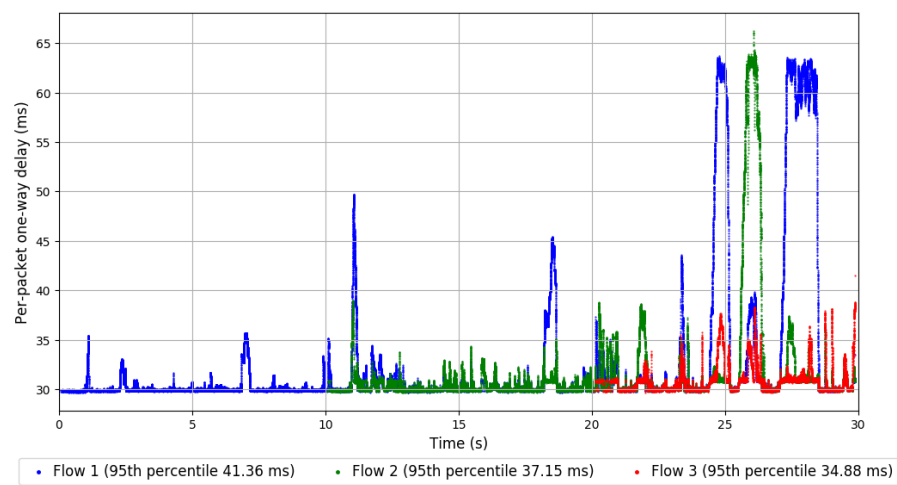
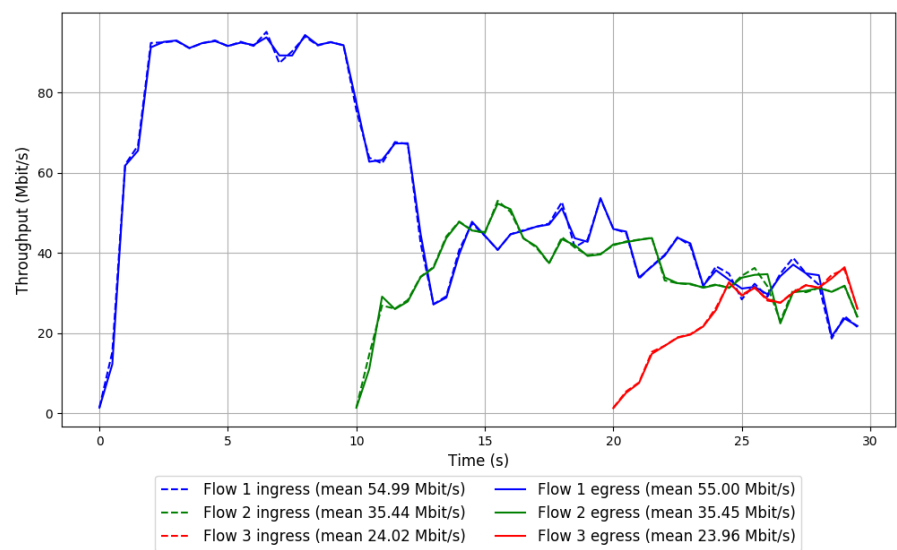


Run 4: Statistics of Vivace-latency

Start at: 2018-02-13 14:43:54
End at: 2018-02-13 14:44:24
Local clock offset: 2.072 ms
Remote clock offset: -20.659 ms

```
# Below is generated by plot.py at 2018-02-13 21:21:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 38.143 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 55.00 Mbit/s
95th percentile per-packet one-way delay: 41.362 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 37.148 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 23.96 Mbit/s
95th percentile per-packet one-way delay: 34.885 ms
Loss rate: 0.49%
```

Run 4: Report of Vivace-latency — Data Link

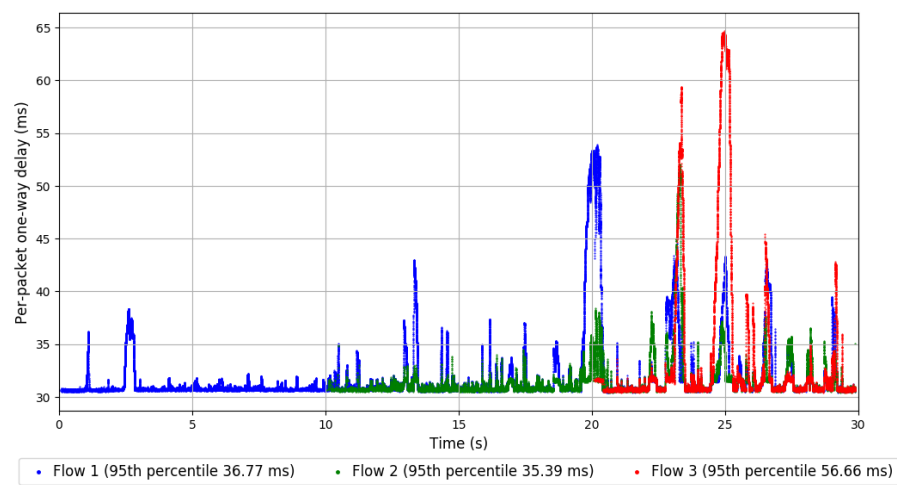
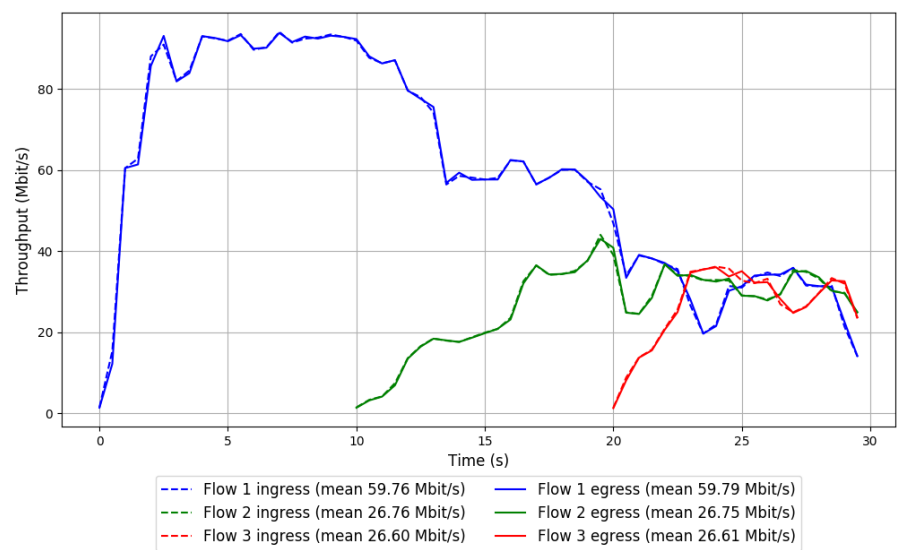


Run 5: Statistics of Vivace-latency

Start at: 2018-02-13 15:05:39
End at: 2018-02-13 15:06:09
Local clock offset: 4.621 ms
Remote clock offset: -20.094 ms

Below is generated by plot.py at 2018-02-13 21:21:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 37.544 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 59.79 Mbit/s
95th percentile per-packet one-way delay: 36.774 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 26.75 Mbit/s
95th percentile per-packet one-way delay: 35.393 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 56.664 ms
Loss rate: 0.31%

Run 5: Report of Vivace-latency — Data Link

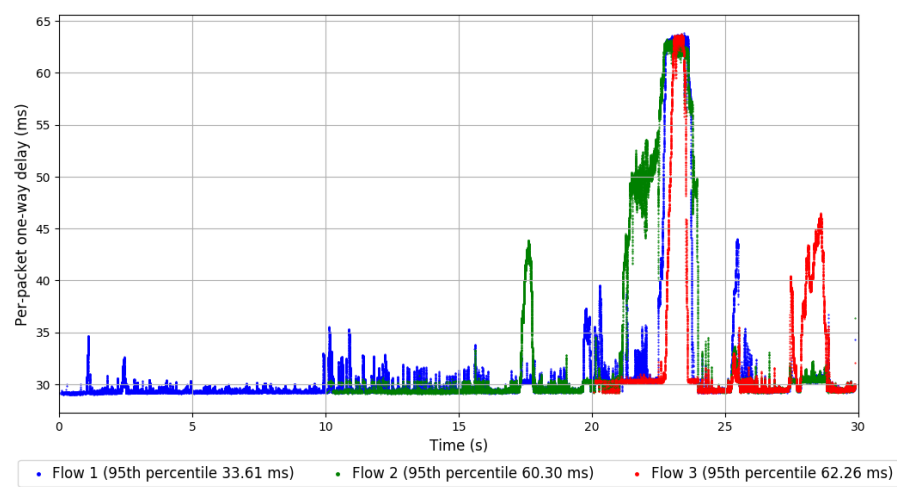
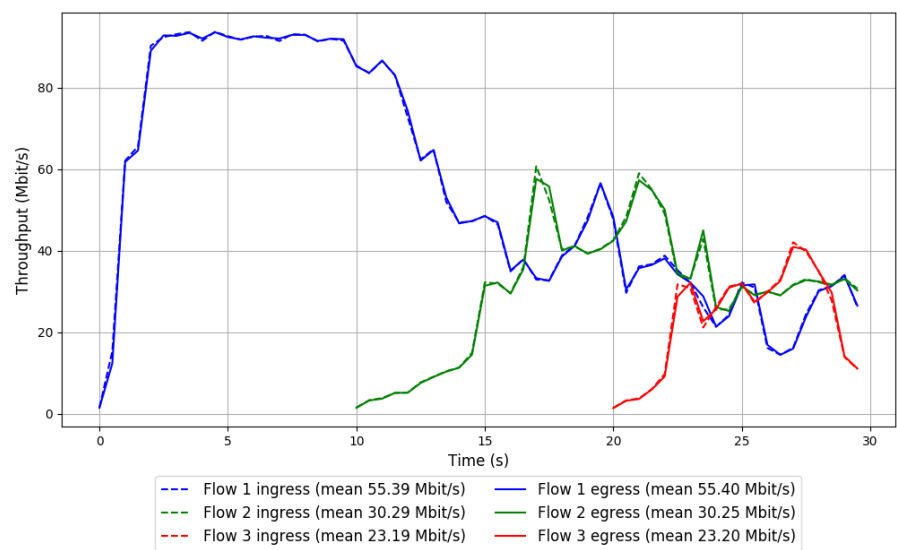


Run 6: Statistics of Vivace-latency

Start at: 2018-02-13 15:27:49
End at: 2018-02-13 15:28:19
Local clock offset: 3.515 ms
Remote clock offset: -20.783 ms

Below is generated by plot.py at 2018-02-13 21:21:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 49.849 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 33.608 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 60.299 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.20 Mbit/s
95th percentile per-packet one-way delay: 62.263 ms
Loss rate: 0.16%

Run 6: Report of Vivace-latency — Data Link

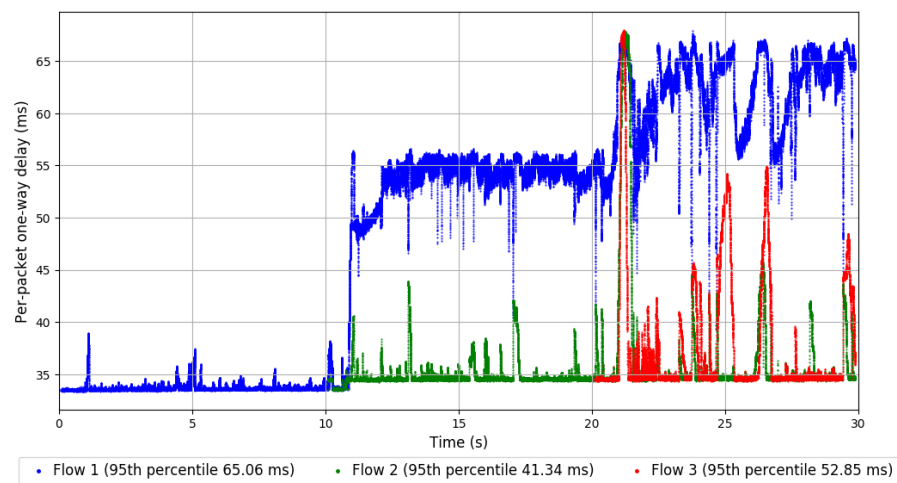
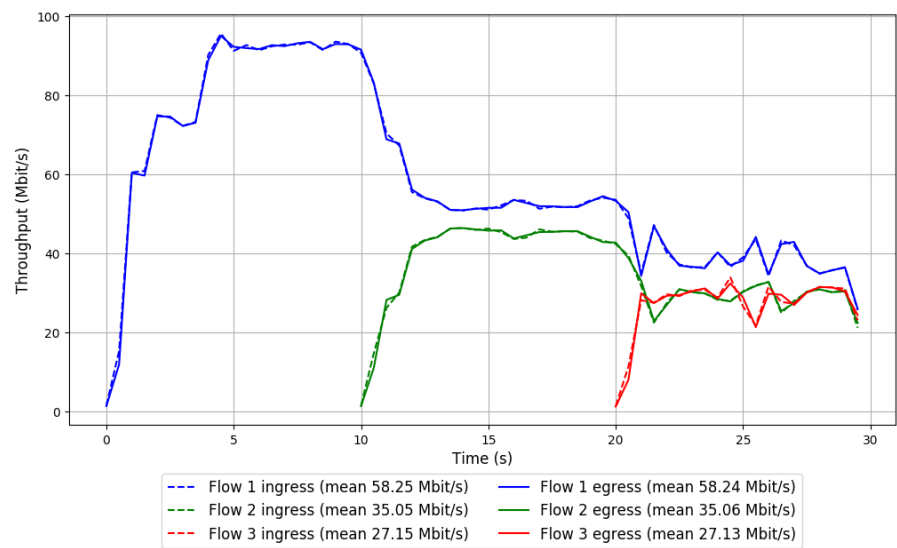


Run 7: Statistics of Vivace-latency

Start at: 2018-02-13 15:49:42
End at: 2018-02-13 15:50:12
Local clock offset: -2.107 ms
Remote clock offset: -25.293 ms

```
# Below is generated by plot.py at 2018-02-13 21:21:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.46 Mbit/s
95th percentile per-packet one-way delay: 64.302 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 65.062 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 41.341 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 52.846 ms
Loss rate: 0.30%
```

Run 7: Report of Vivace-latency — Data Link

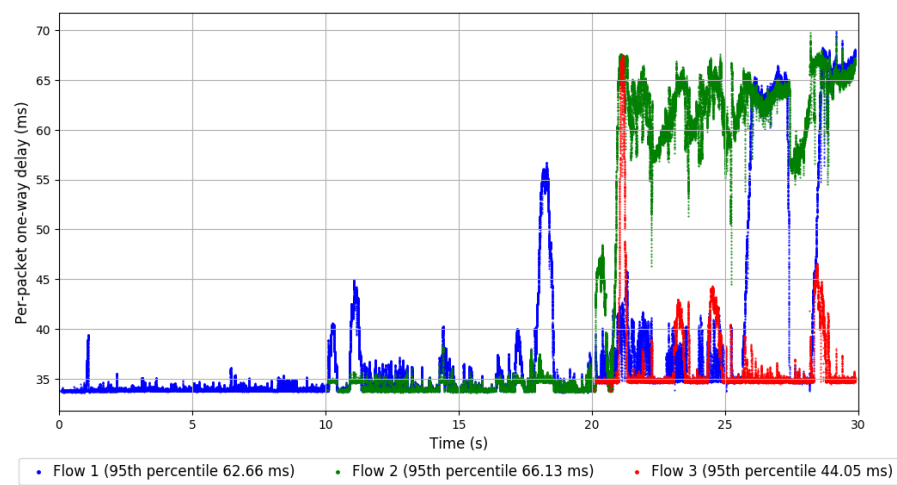
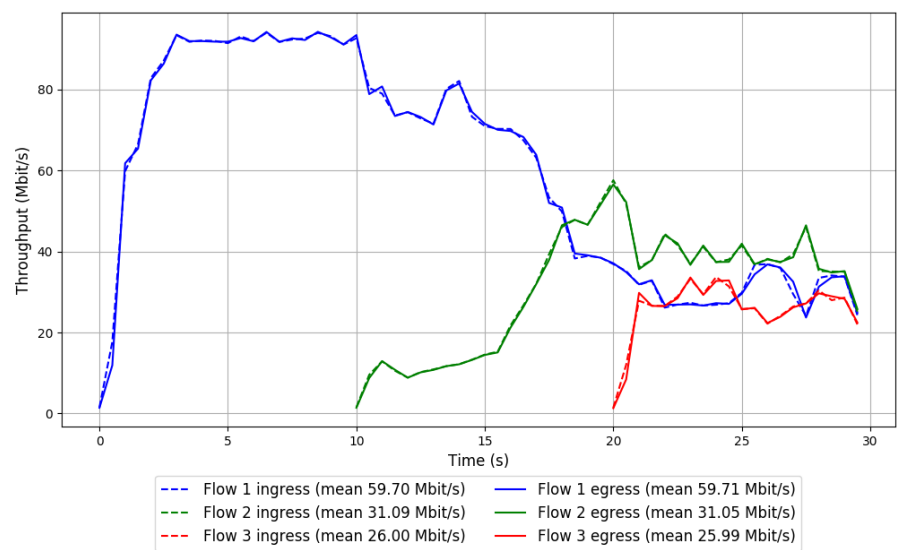


Run 8: Statistics of Vivace-latency

Start at: 2018-02-13 16:12:00
End at: 2018-02-13 16:12:30
Local clock offset: 3.816 ms
Remote clock offset: -18.201 ms

Below is generated by plot.py at 2018-02-13 21:21:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.90 Mbit/s
95th percentile per-packet one-way delay: 64.703 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.71 Mbit/s
95th percentile per-packet one-way delay: 62.663 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 31.05 Mbit/s
95th percentile per-packet one-way delay: 66.133 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 25.99 Mbit/s
95th percentile per-packet one-way delay: 44.047 ms
Loss rate: 0.31%

Run 8: Report of Vivace-latency — Data Link

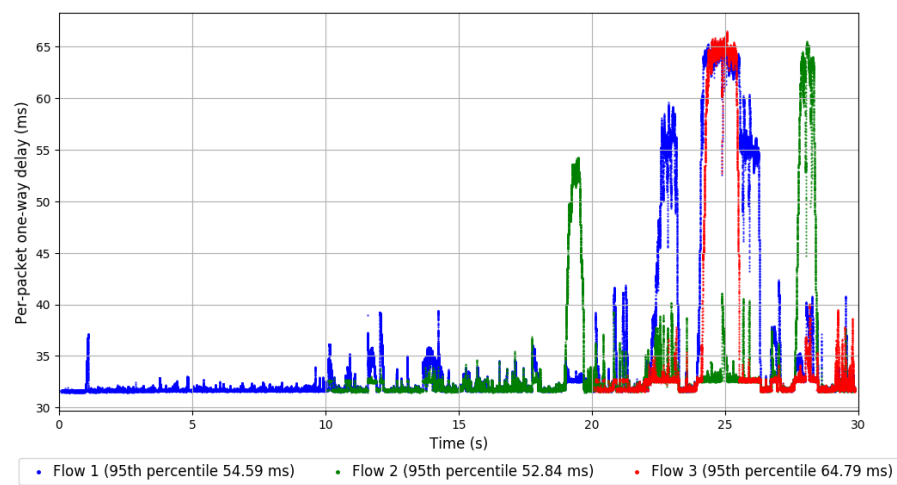
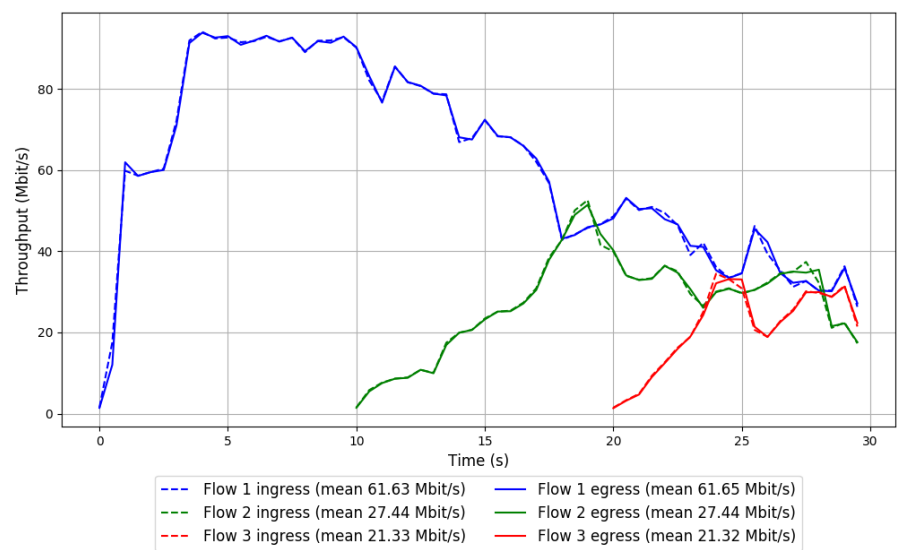


Run 9: Statistics of Vivace-latency

Start at: 2018-02-13 16:34:34
End at: 2018-02-13 16:35:04
Local clock offset: 1.976 ms
Remote clock offset: -17.34 ms

Below is generated by plot.py at 2018-02-13 21:21:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.91 Mbit/s
95th percentile per-packet one-way delay: 55.697 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.65 Mbit/s
95th percentile per-packet one-way delay: 54.586 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 27.44 Mbit/s
95th percentile per-packet one-way delay: 52.836 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 21.32 Mbit/s
95th percentile per-packet one-way delay: 64.791 ms
Loss rate: 0.32%

Run 9: Report of Vivace-latency — Data Link

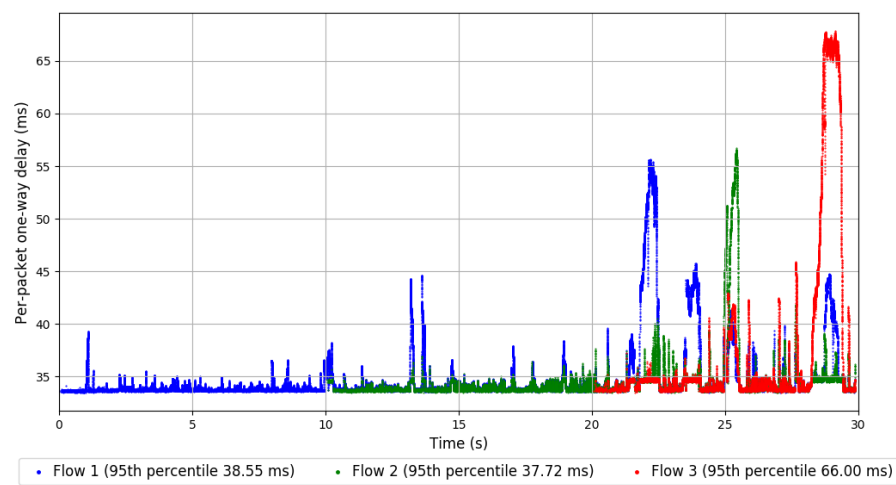
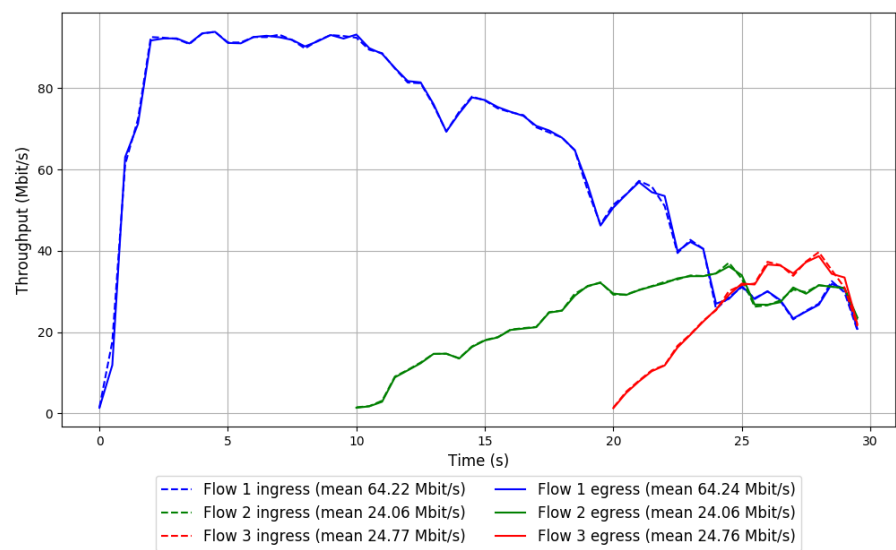


Run 10: Statistics of Vivace-latency

Start at: 2018-02-13 16:56:36
End at: 2018-02-13 16:57:06
Local clock offset: 2.604 ms
Remote clock offset: -24.043 ms

Below is generated by plot.py at 2018-02-13 21:21:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 41.031 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 64.24 Mbit/s
95th percentile per-packet one-way delay: 38.555 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 37.716 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 66.001 ms
Loss rate: 0.31%

Run 10: Report of Vivace-latency — Data Link

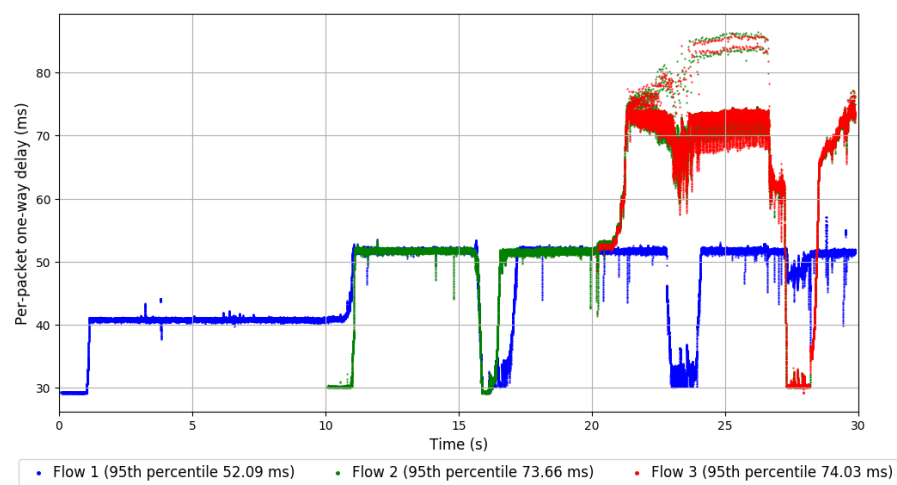
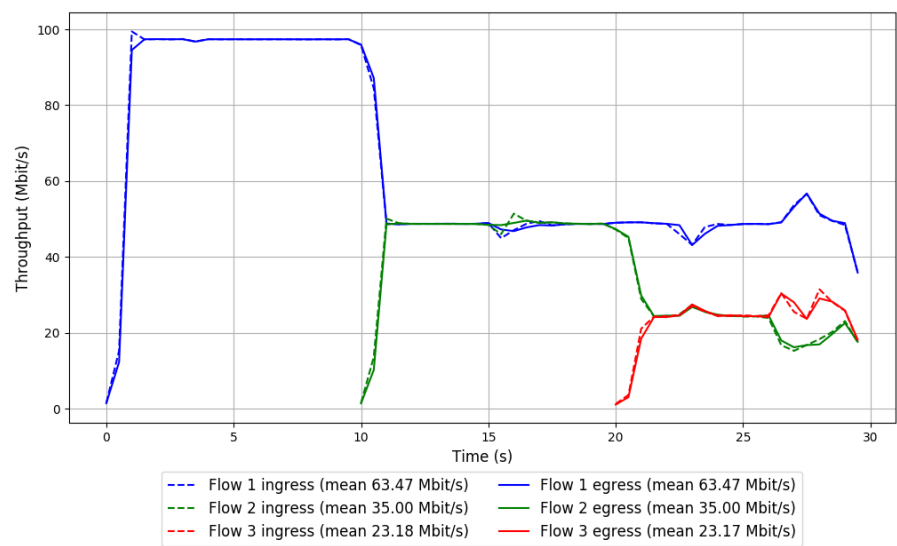


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-13 13:28:55
End at: 2018-02-13 13:29:25
Local clock offset: 3.366 ms
Remote clock offset: -12.517 ms

# Below is generated by plot.py at 2018-02-13 21:22:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.33 Mbit/s
95th percentile per-packet one-way delay: 73.097 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 52.089 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.00 Mbit/s
95th percentile per-packet one-way delay: 73.664 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.17 Mbit/s
95th percentile per-packet one-way delay: 74.027 ms
Loss rate: 0.74%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-13 13:50:39

End at: 2018-02-13 13:51:09

Local clock offset: 3.253 ms

Remote clock offset: -15.006 ms

Below is generated by plot.py at 2018-02-13 21:22:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.39 Mbit/s

95th percentile per-packet one-way delay: 63.728 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 60.50 Mbit/s

95th percentile per-packet one-way delay: 63.415 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 42.27 Mbit/s

95th percentile per-packet one-way delay: 64.061 ms

Loss rate: 0.22%

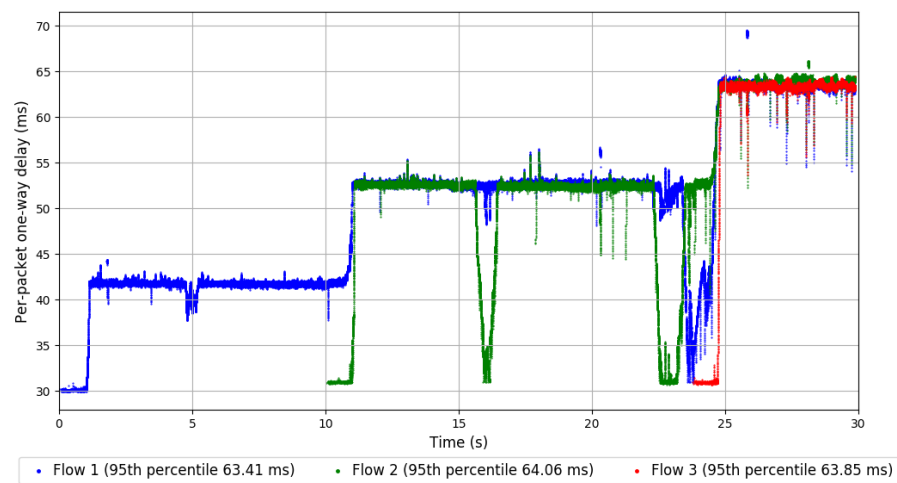
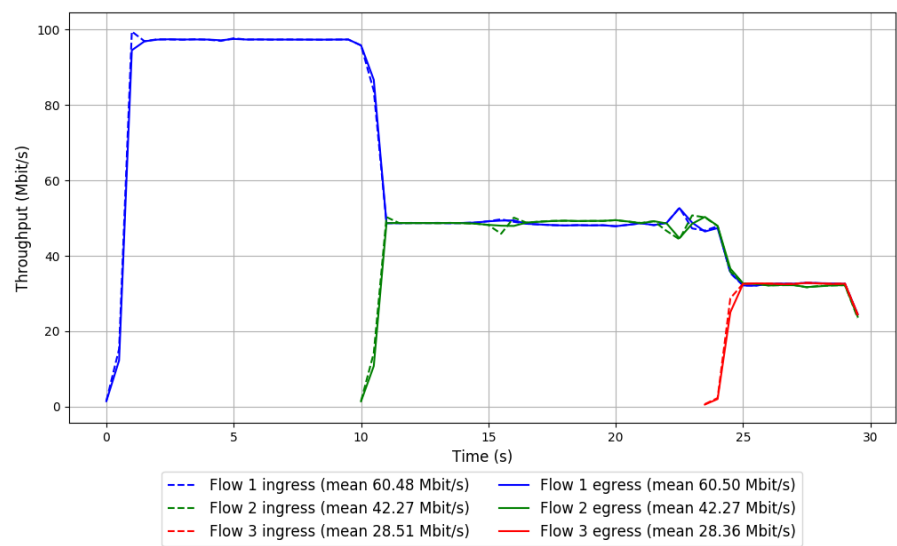
-- Flow 3:

Average throughput: 28.36 Mbit/s

95th percentile per-packet one-way delay: 63.853 ms

Loss rate: 1.09%

Run 2: Report of Vivace-loss — Data Link

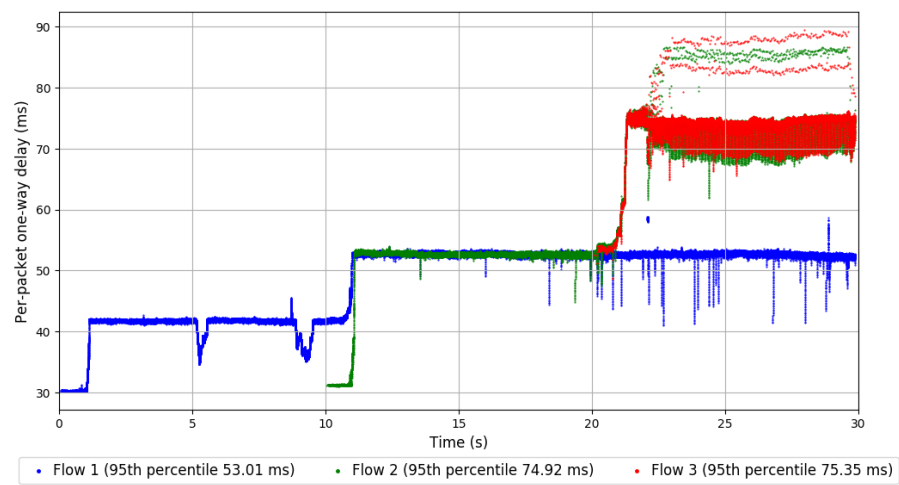
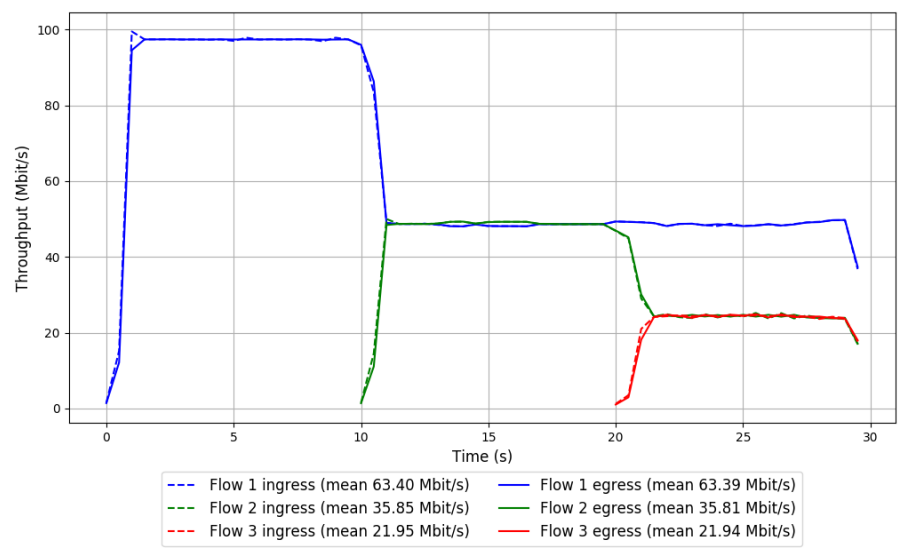


Run 3: Statistics of Vivace-loss

Start at: 2018-02-13 14:12:28
End at: 2018-02-13 14:12:58
Local clock offset: 2.406 ms
Remote clock offset: -19.024 ms

Below is generated by plot.py at 2018-02-13 21:22:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 74.654 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 63.39 Mbit/s
95th percentile per-packet one-way delay: 53.009 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 74.918 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 21.94 Mbit/s
95th percentile per-packet one-way delay: 75.349 ms
Loss rate: 0.77%

Run 3: Report of Vivace-loss — Data Link

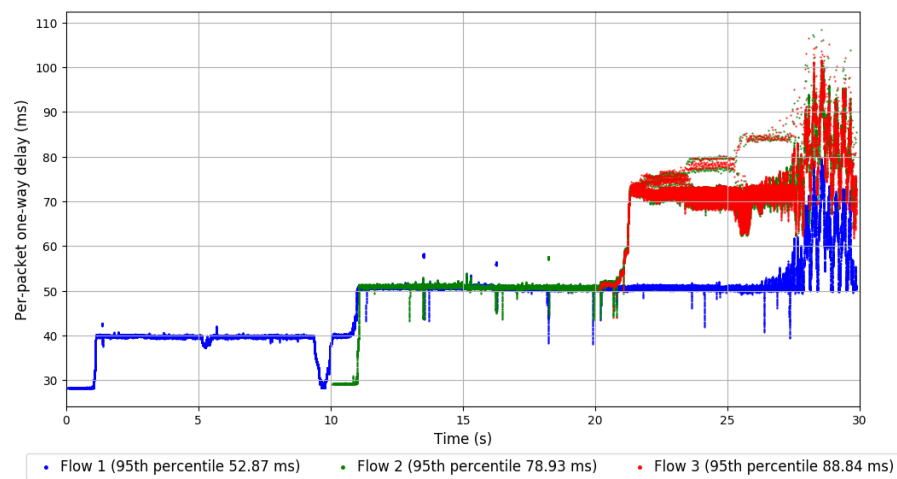
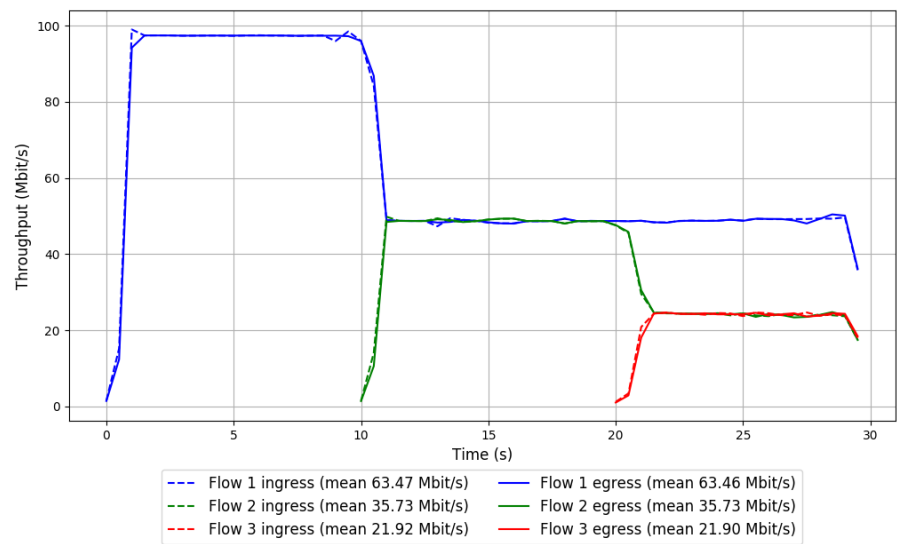


Run 4: Statistics of Vivace-loss

Start at: 2018-02-13 14:33:57
End at: 2018-02-13 14:34:27
Local clock offset: 0.769 ms
Remote clock offset: -20.357 ms

Below is generated by plot.py at 2018-02-13 21:23:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.38 Mbit/s
95th percentile per-packet one-way delay: 73.264 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 63.46 Mbit/s
95th percentile per-packet one-way delay: 52.871 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 78.926 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 21.90 Mbit/s
95th percentile per-packet one-way delay: 88.841 ms
Loss rate: 0.72%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-13 14:55:49

End at: 2018-02-13 14:56:19

Local clock offset: 2.912 ms

Remote clock offset: -22.206 ms

Below is generated by plot.py at 2018-02-13 21:23:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 76.283 ms

Loss rate: 0.38%

-- Flow 1:

Average throughput: 63.37 Mbit/s

95th percentile per-packet one-way delay: 55.002 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 35.61 Mbit/s

95th percentile per-packet one-way delay: 76.732 ms

Loss rate: 0.55%

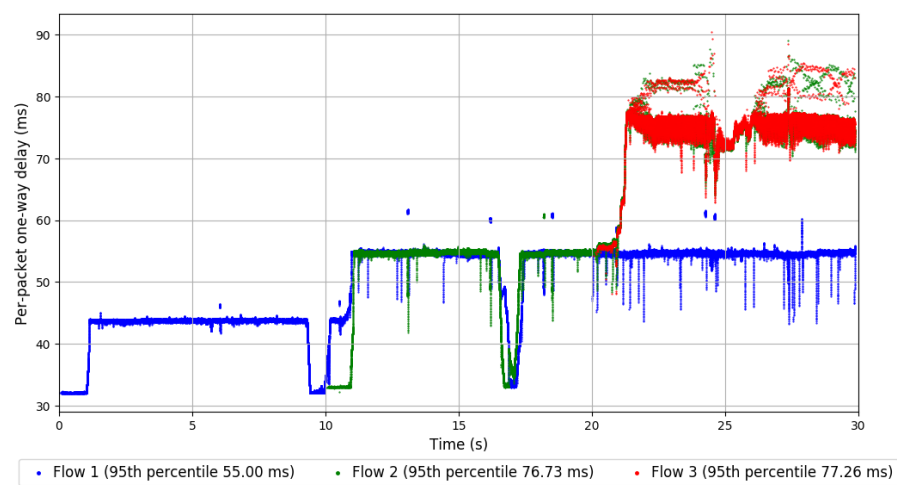
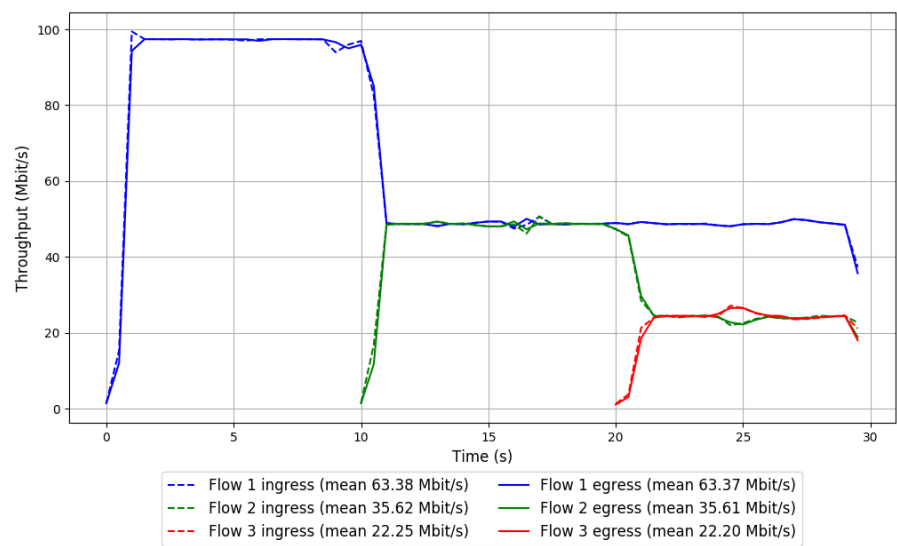
-- Flow 3:

Average throughput: 22.20 Mbit/s

95th percentile per-packet one-way delay: 77.263 ms

Loss rate: 1.51%

Run 5: Report of Vivace-loss — Data Link

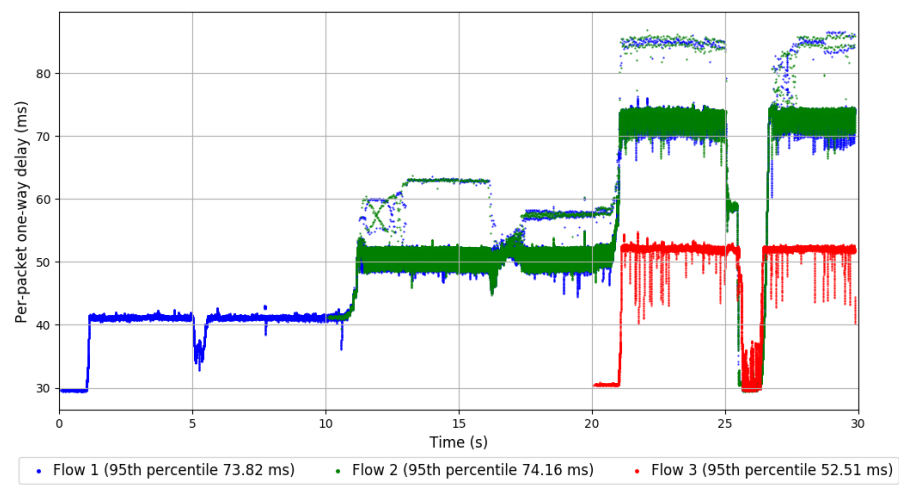
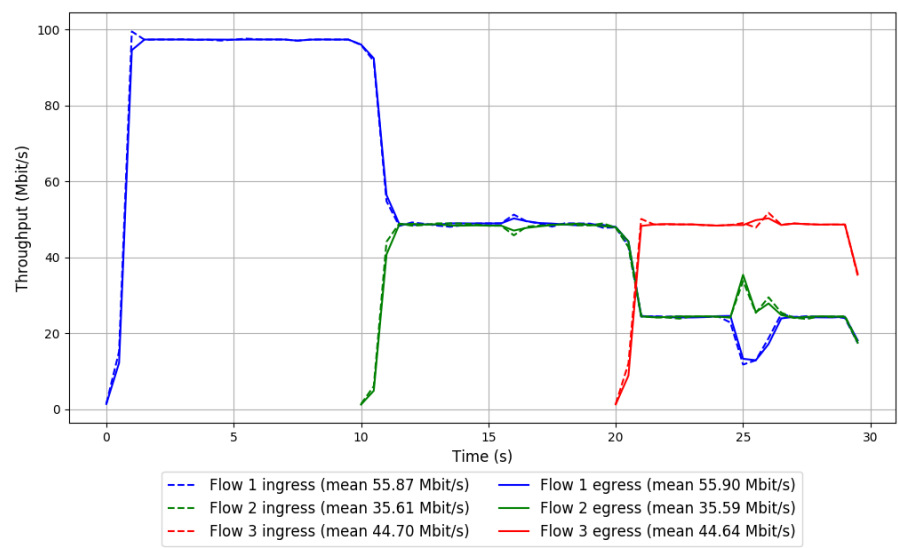


Run 6: Statistics of Vivace-loss

Start at: 2018-02-13 15:17:47
End at: 2018-02-13 15:18:17
Local clock offset: 2.469 ms
Remote clock offset: -22.337 ms

Below is generated by plot.py at 2018-02-13 21:23:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 73.949 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 73.824 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.59 Mbit/s
95th percentile per-packet one-way delay: 74.158 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 44.64 Mbit/s
95th percentile per-packet one-way delay: 52.506 ms
Loss rate: 0.52%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-13 15:39:51

End at: 2018-02-13 15:40:21

Local clock offset: 4.902 ms

Remote clock offset: -20.306 ms

Below is generated by plot.py at 2018-02-13 21:23:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 75.243 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 63.15 Mbit/s

95th percentile per-packet one-way delay: 57.238 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 42.42 Mbit/s

95th percentile per-packet one-way delay: 78.001 ms

Loss rate: 0.19%

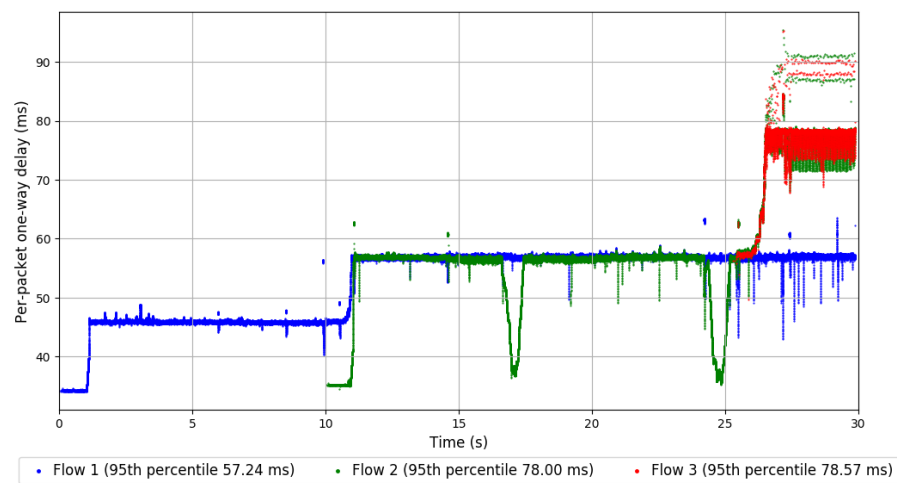
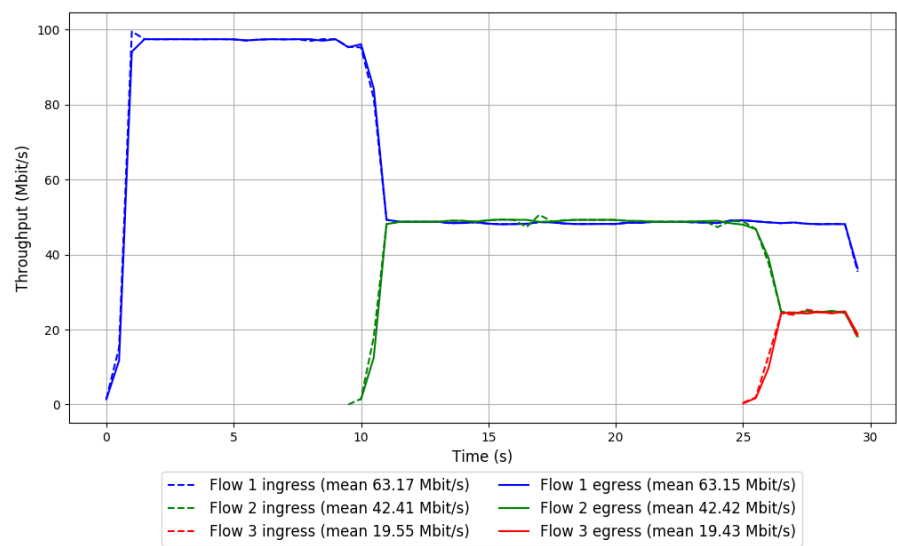
-- Flow 3:

Average throughput: 19.43 Mbit/s

95th percentile per-packet one-way delay: 78.567 ms

Loss rate: 1.78%

Run 7: Report of Vivace-loss — Data Link

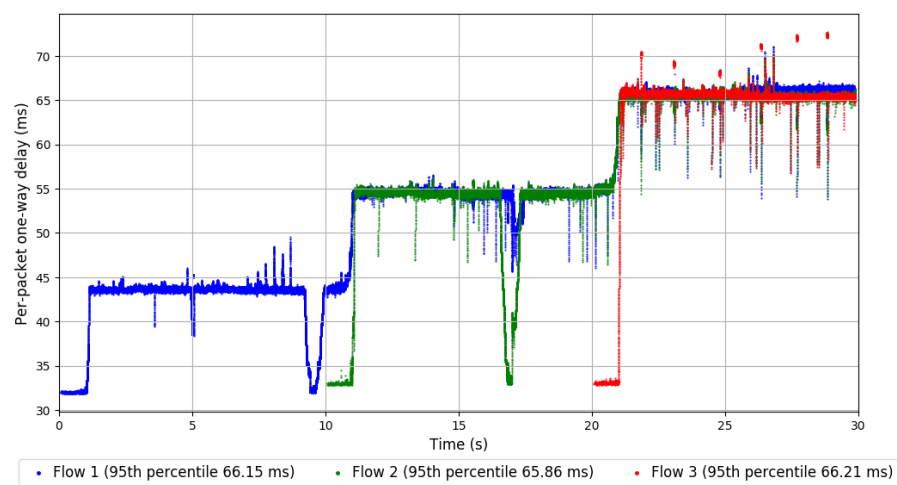
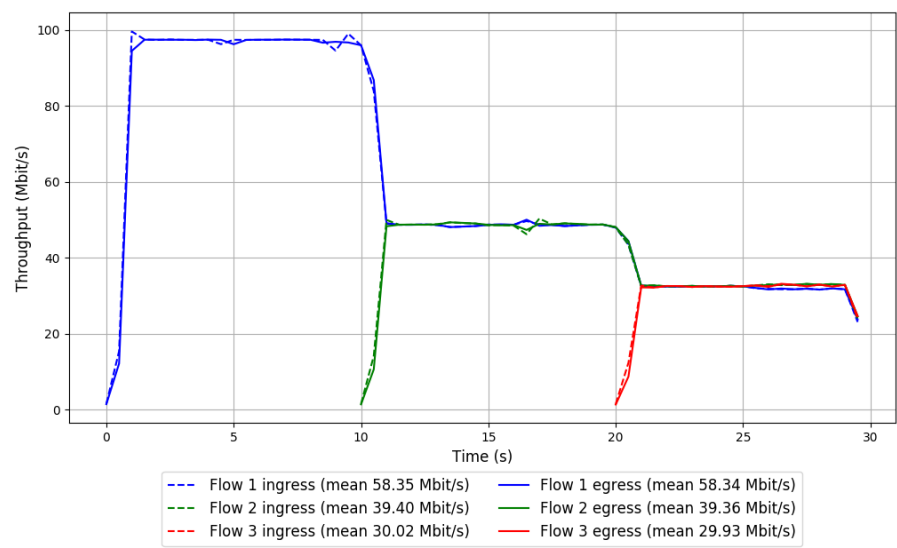


Run 8: Statistics of Vivace-loss

Start at: 2018-02-13 16:01:50
End at: 2018-02-13 16:02:20
Local clock offset: 2.661 ms
Remote clock offset: -17.956 ms

Below is generated by plot.py at 2018-02-13 21:23:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 66.074 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.34 Mbit/s
95th percentile per-packet one-way delay: 66.151 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.36 Mbit/s
95th percentile per-packet one-way delay: 65.861 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 29.93 Mbit/s
95th percentile per-packet one-way delay: 66.213 ms
Loss rate: 0.60%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-13 16:24:20

End at: 2018-02-13 16:24:50

Local clock offset: 3.909 ms

Remote clock offset: -16.987 ms

Below is generated by plot.py at 2018-02-13 21:23:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.31 Mbit/s

95th percentile per-packet one-way delay: 66.753 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 58.62 Mbit/s

95th percentile per-packet one-way delay: 66.625 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 38.56 Mbit/s

95th percentile per-packet one-way delay: 66.708 ms

Loss rate: 0.25%

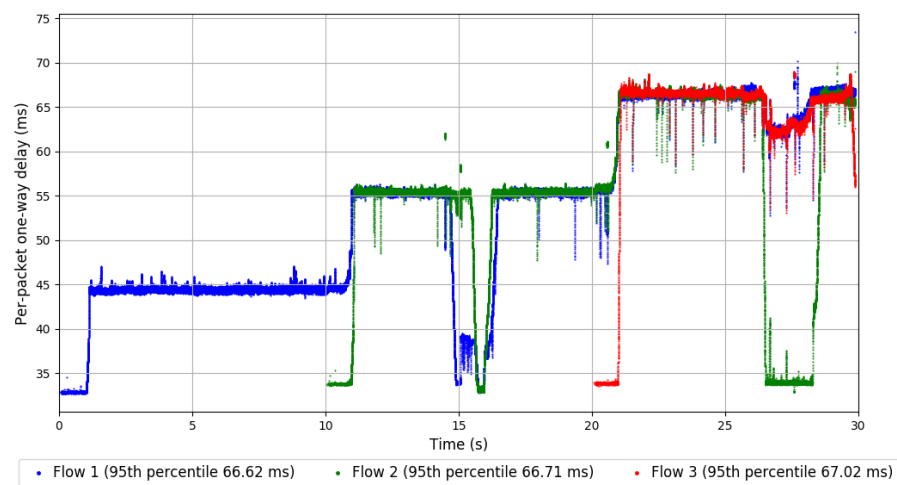
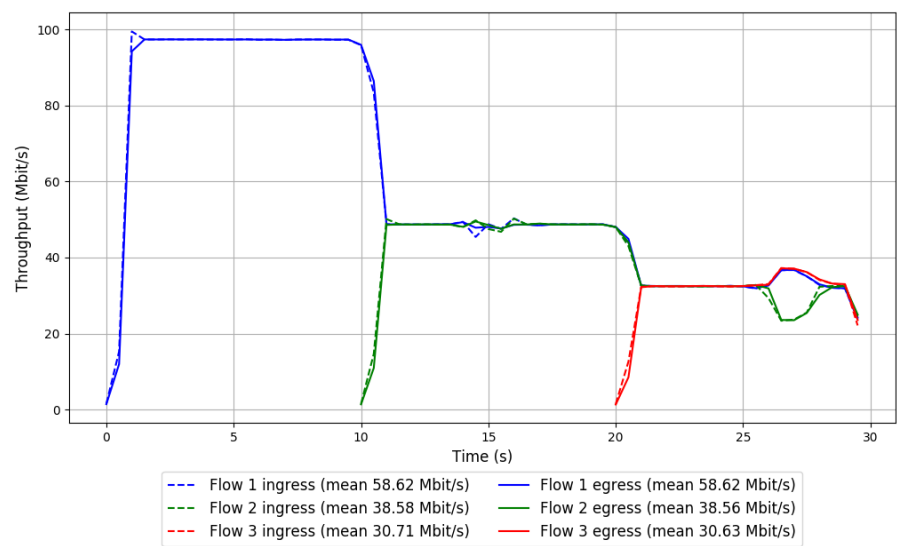
-- Flow 3:

Average throughput: 30.63 Mbit/s

95th percentile per-packet one-way delay: 67.021 ms

Loss rate: 0.47%

Run 9: Report of Vivace-loss — Data Link

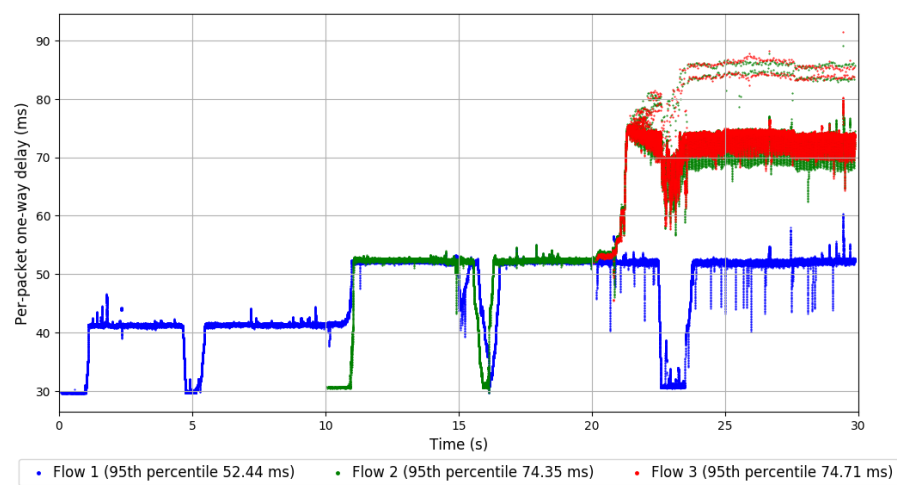
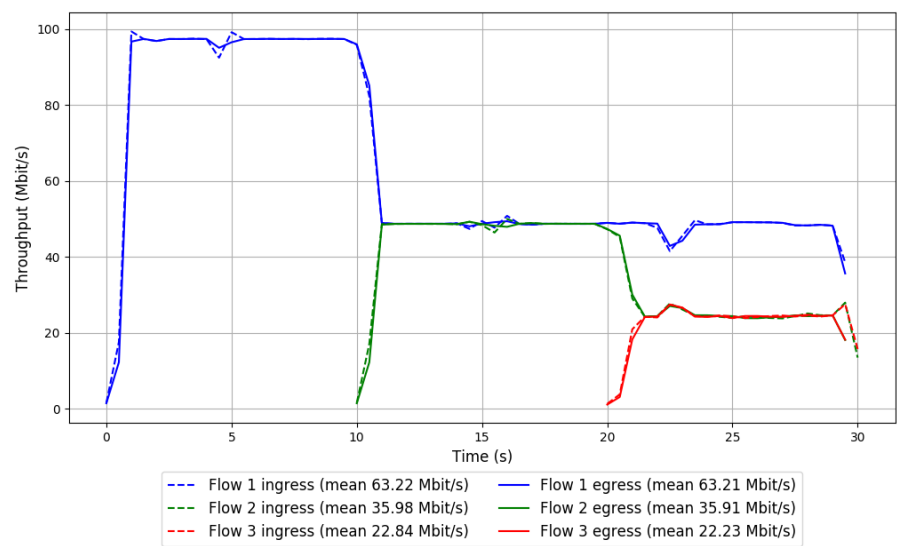


Run 10: Statistics of Vivace-loss

Start at: 2018-02-13 16:46:42
End at: 2018-02-13 16:47:12
Local clock offset: 0.368 ms
Remote clock offset: -21.25 ms

Below is generated by plot.py at 2018-02-13 21:24:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 74.019 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 63.21 Mbit/s
95th percentile per-packet one-way delay: 52.436 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 35.91 Mbit/s
95th percentile per-packet one-way delay: 74.352 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 74.712 ms
Loss rate: 6.12%

Run 10: Report of Vivace-loss — Data Link

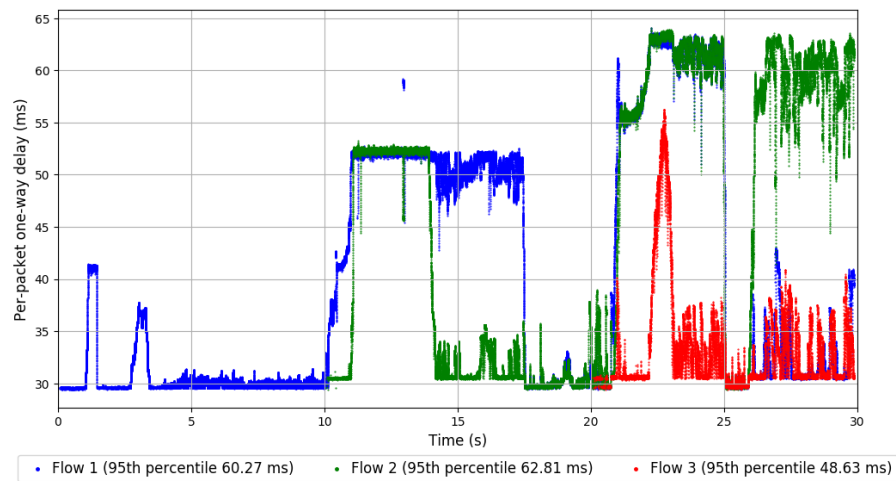
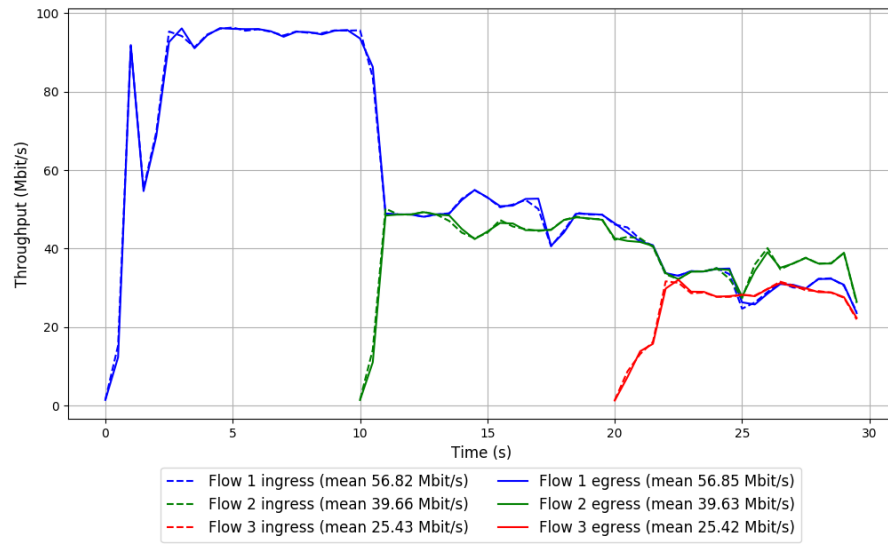


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-13 13:30:09
End at: 2018-02-13 13:30:39
Local clock offset: 3.296 ms
Remote clock offset: -12.939 ms

Below is generated by plot.py at 2018-02-13 21:24:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.54 Mbit/s
95th percentile per-packet one-way delay: 61.705 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 60.274 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.63 Mbit/s
95th percentile per-packet one-way delay: 62.814 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 48.629 ms
Loss rate: 0.31%

Run 1: Report of Vivace-LTE — Data Link

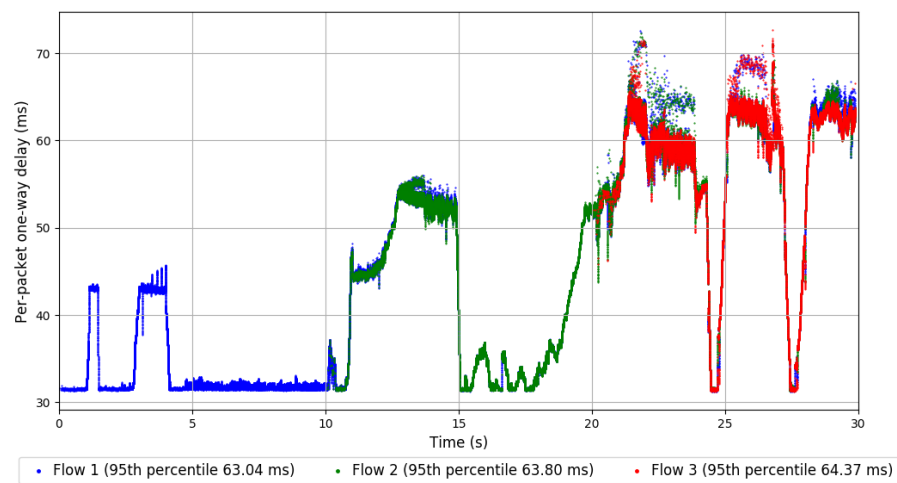
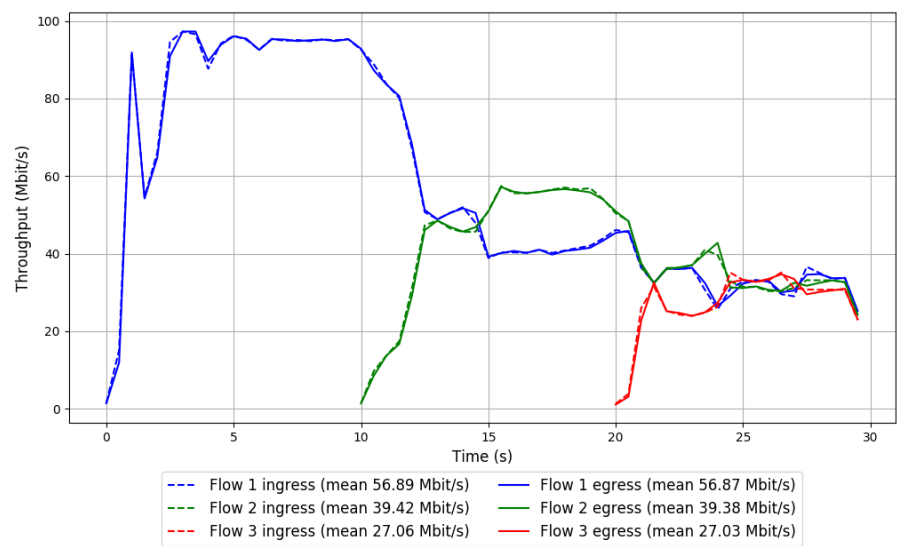


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-13 13:51:57
End at: 2018-02-13 13:52:27
Local clock offset: 3.393 ms
Remote clock offset: -16.776 ms

Below is generated by plot.py at 2018-02-13 21:24:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 63.680 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 63.042 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 63.798 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 27.03 Mbit/s
95th percentile per-packet one-way delay: 64.369 ms
Loss rate: 0.66%

Run 2: Report of Vivace-LTE — Data Link

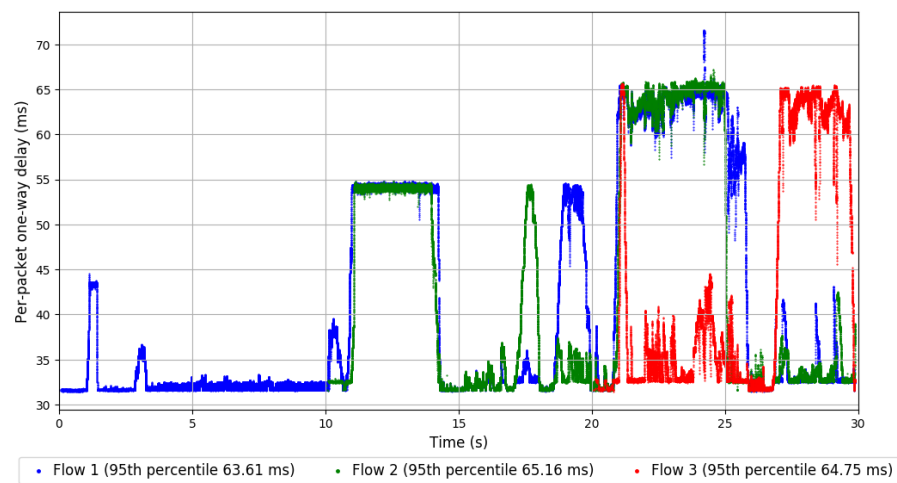
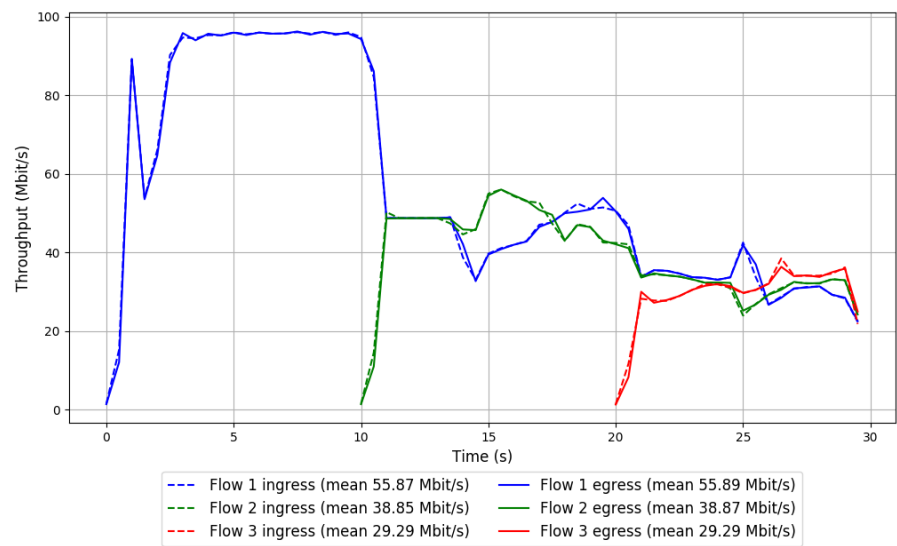


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-13 14:13:42
End at: 2018-02-13 14:14:12
Local clock offset: 5.215 ms
Remote clock offset: -17.538 ms

Below is generated by plot.py at 2018-02-13 21:24:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.35 Mbit/s
95th percentile per-packet one-way delay: 64.495 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.89 Mbit/s
95th percentile per-packet one-way delay: 63.608 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 38.87 Mbit/s
95th percentile per-packet one-way delay: 65.161 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 64.747 ms
Loss rate: 0.23%

Run 3: Report of Vivace-LTE — Data Link

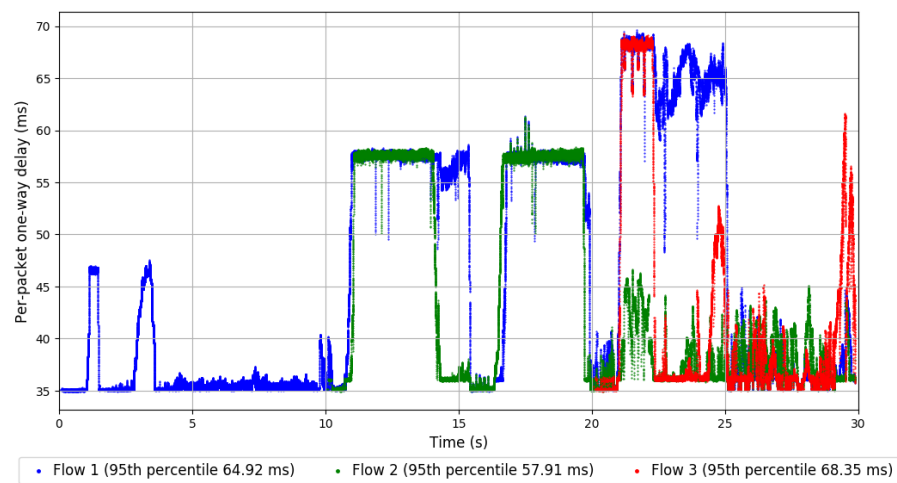
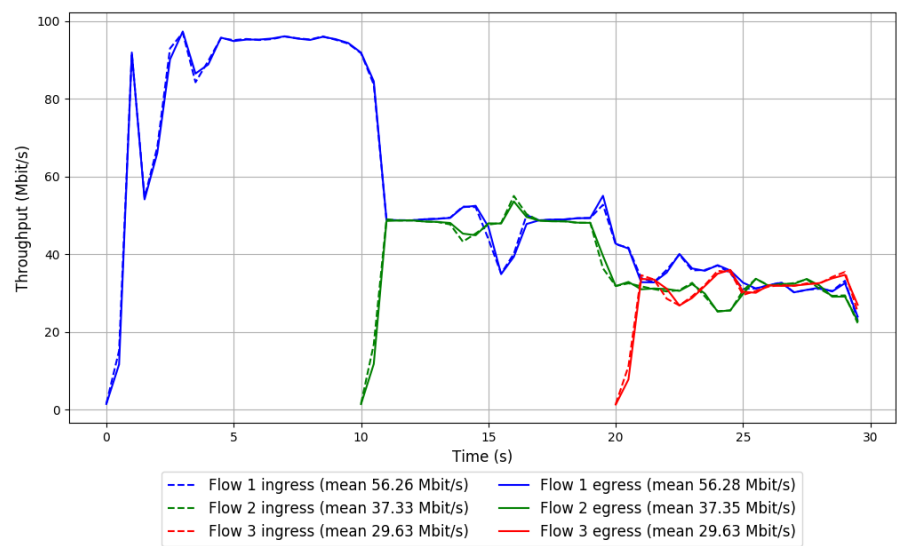


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-13 14:35:17
End at: 2018-02-13 14:35:47
Local clock offset: 0.659 ms
Remote clock offset: -27.104 ms

Below is generated by plot.py at 2018-02-13 21:24:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 64.190 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 64.920 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.35 Mbit/s
95th percentile per-packet one-way delay: 57.905 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 29.63 Mbit/s
95th percentile per-packet one-way delay: 68.347 ms
Loss rate: 0.28%

Run 4: Report of Vivace-LTE — Data Link

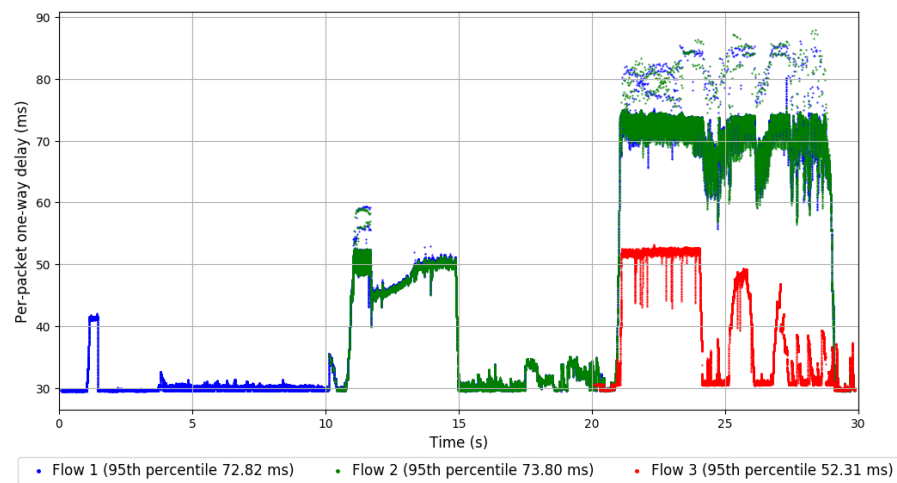
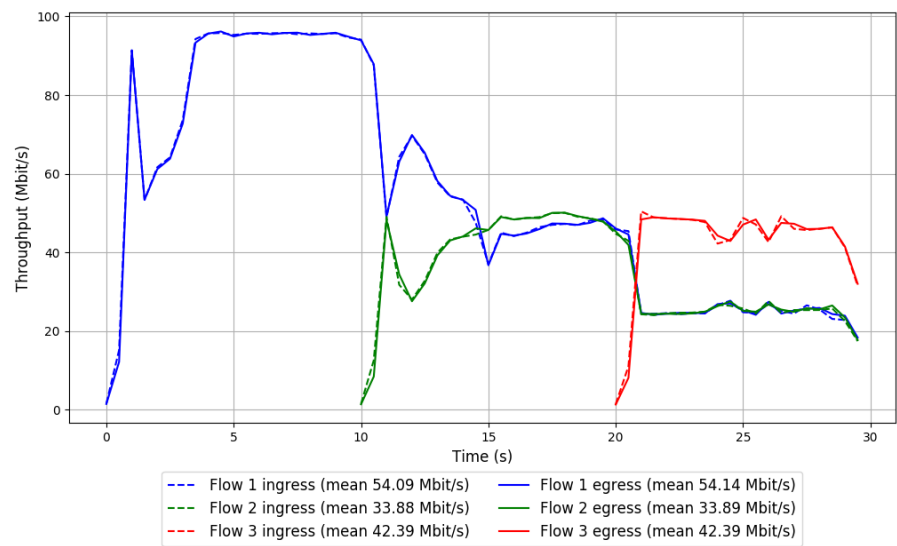


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-13 14:57:02
End at: 2018-02-13 14:57:32
Local clock offset: 2.743 ms
Remote clock offset: -19.739 ms

Below is generated by plot.py at 2018-02-13 21:24:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 73.264 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 54.14 Mbit/s
95th percentile per-packet one-way delay: 72.819 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 73.801 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 52.308 ms
Loss rate: 0.25%

Run 5: Report of Vivace-LTE — Data Link

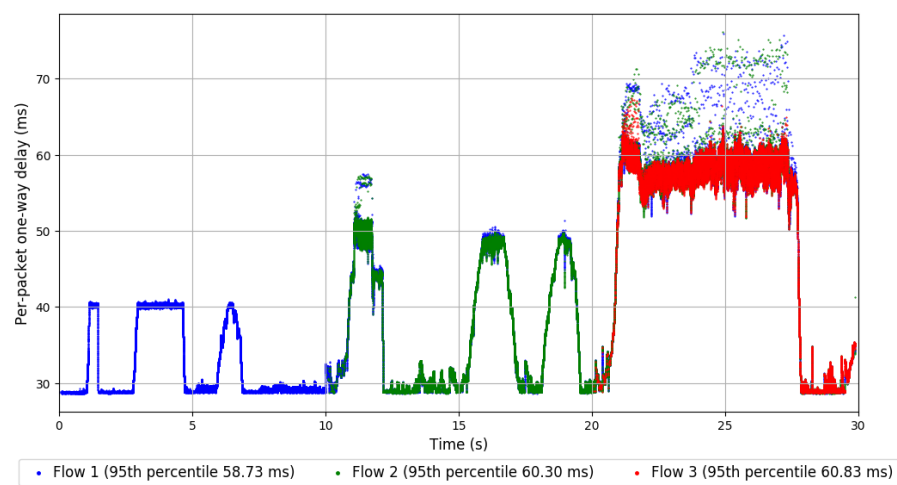
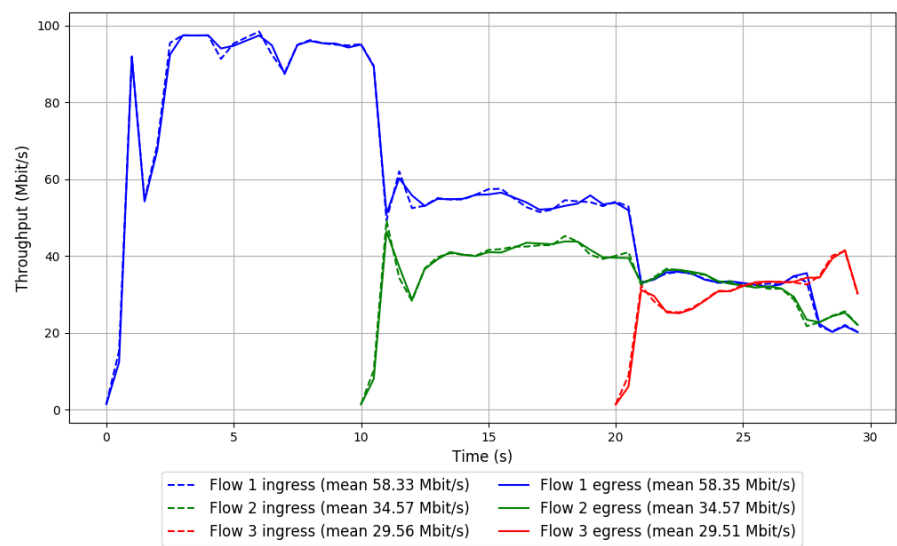


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-13 15:19:05
End at: 2018-02-13 15:19:35
Local clock offset: 2.377 ms
Remote clock offset: -21.669 ms

Below is generated by plot.py at 2018-02-13 21:24:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 59.837 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 58.727 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 34.57 Mbit/s
95th percentile per-packet one-way delay: 60.295 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 29.51 Mbit/s
95th percentile per-packet one-way delay: 60.827 ms
Loss rate: 0.41%

Run 6: Report of Vivace-LTE — Data Link

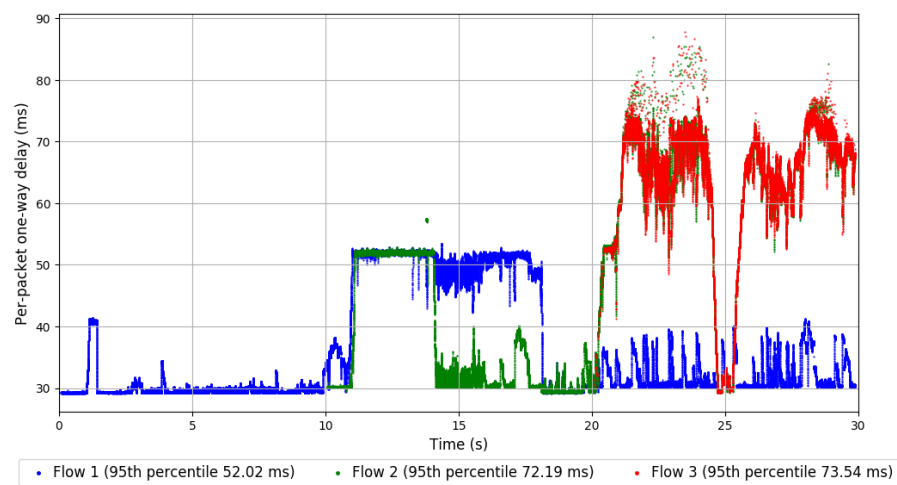
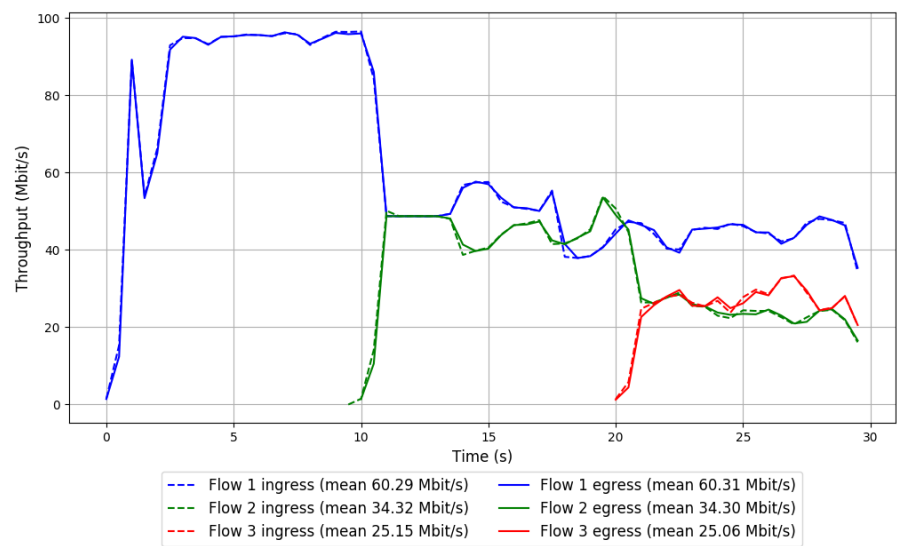


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-13 15:41:06
End at: 2018-02-13 15:41:36
Local clock offset: 1.38 ms
Remote clock offset: -18.636 ms

Below is generated by plot.py at 2018-02-13 21:25:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.36 Mbit/s
95th percentile per-packet one-way delay: 69.843 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.31 Mbit/s
95th percentile per-packet one-way delay: 52.021 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 72.186 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 25.06 Mbit/s
95th percentile per-packet one-way delay: 73.542 ms
Loss rate: 0.72%

Run 7: Report of Vivace-LTE — Data Link

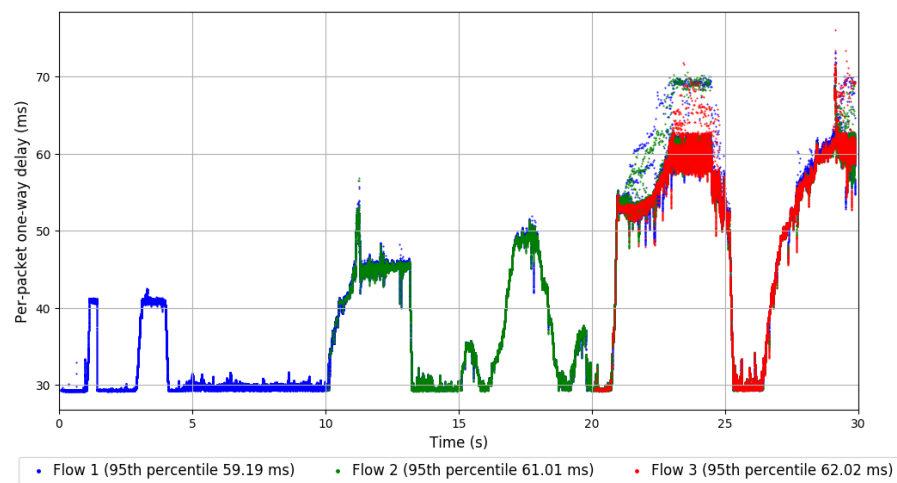
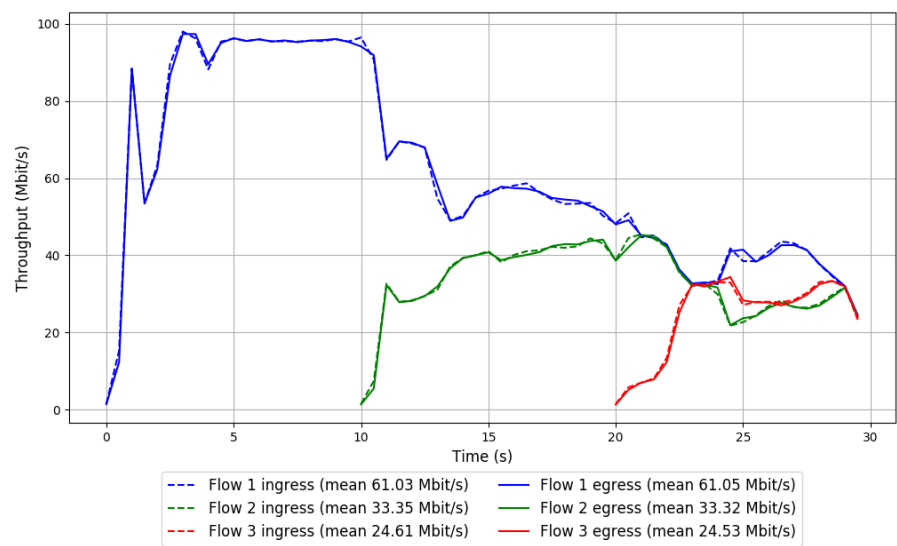


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-13 16:03:07
End at: 2018-02-13 16:03:37
Local clock offset: 1.758 ms
Remote clock offset: -16.023 ms

Below is generated by plot.py at 2018-02-13 21:25:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 60.576 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 61.05 Mbit/s
95th percentile per-packet one-way delay: 59.192 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 61.011 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 62.016 ms
Loss rate: 0.73%

Run 8: Report of Vivace-LTE — Data Link

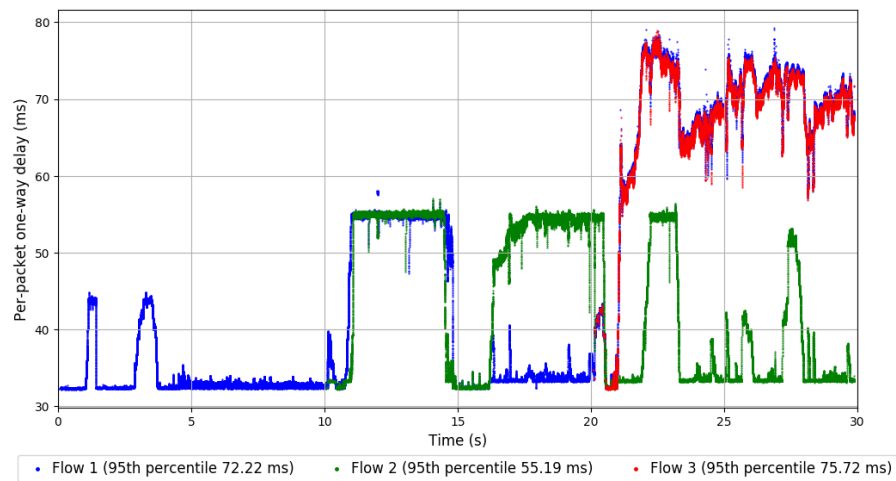
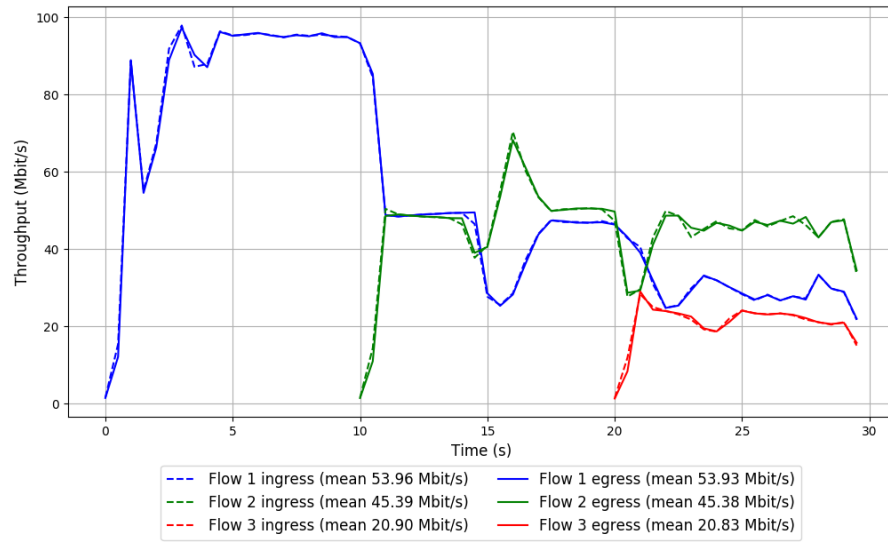


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-13 16:25:38
End at: 2018-02-13 16:26:08
Local clock offset: 2.827 ms
Remote clock offset: -17.579 ms

```
# Below is generated by plot.py at 2018-02-13 21:25:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.95 Mbit/s
95th percentile per-packet one-way delay: 72.525 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 53.93 Mbit/s
95th percentile per-packet one-way delay: 72.218 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 45.38 Mbit/s
95th percentile per-packet one-way delay: 55.186 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 20.83 Mbit/s
95th percentile per-packet one-way delay: 75.722 ms
Loss rate: 0.55%
```


Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-13 16:47:58
End at: 2018-02-13 16:48:28
Local clock offset: 1.487 ms
Remote clock offset: -21.703 ms

Below is generated by plot.py at 2018-02-13 21:25:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.86 Mbit/s
95th percentile per-packet one-way delay: 63.699 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 57.49 Mbit/s
95th percentile per-packet one-way delay: 63.621 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.80 Mbit/s
95th percentile per-packet one-way delay: 64.264 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 28.11 Mbit/s
95th percentile per-packet one-way delay: 43.302 ms
Loss rate: 0.30%

Run 10: Report of Vivace-LTE — Data Link

