

Pantheon Report

Generated at 2018-03-27 23:56:43 (UTC).

Data path: Mexico Ethernet (*remote*) → AWS California 2 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).

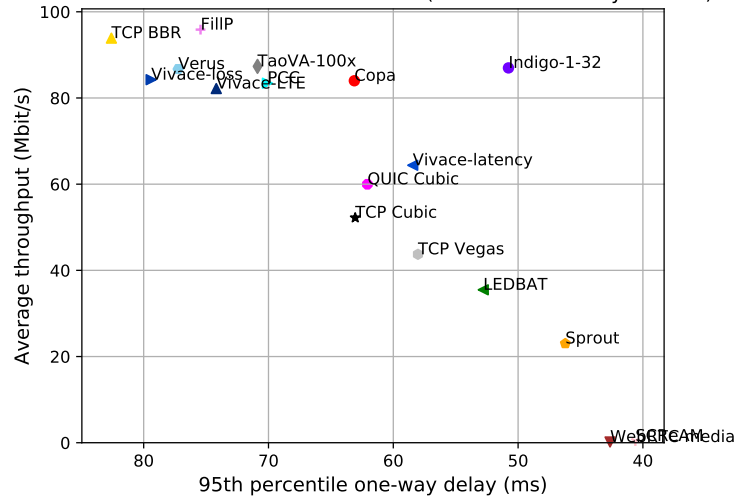
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

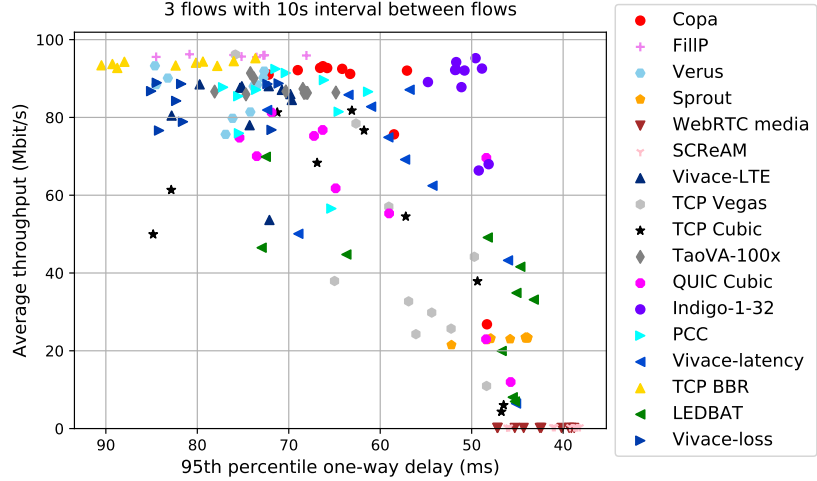
Git summary:

```
branch: master @ 503f51fe03f703a4c0a826a0792a4fead3e7d1b0
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd9c077e64d
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 @ f271183af822eee5d0031620f4bebf38aedc5581
```

test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



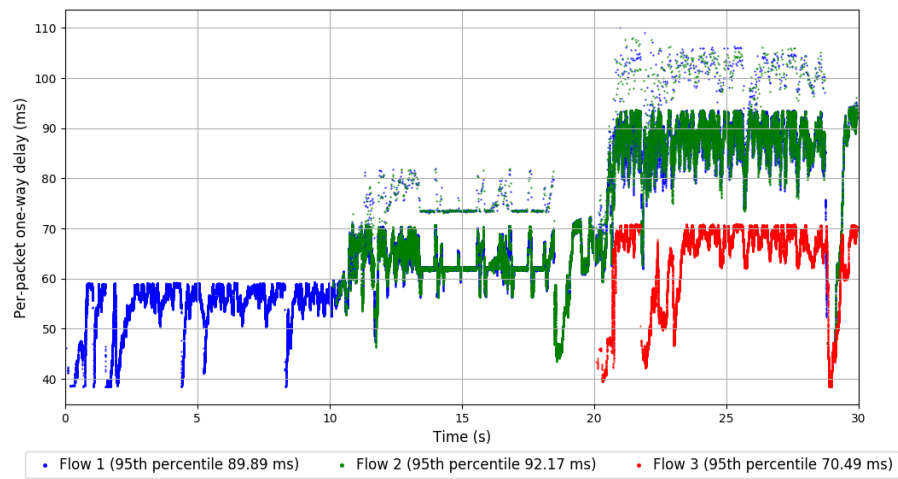
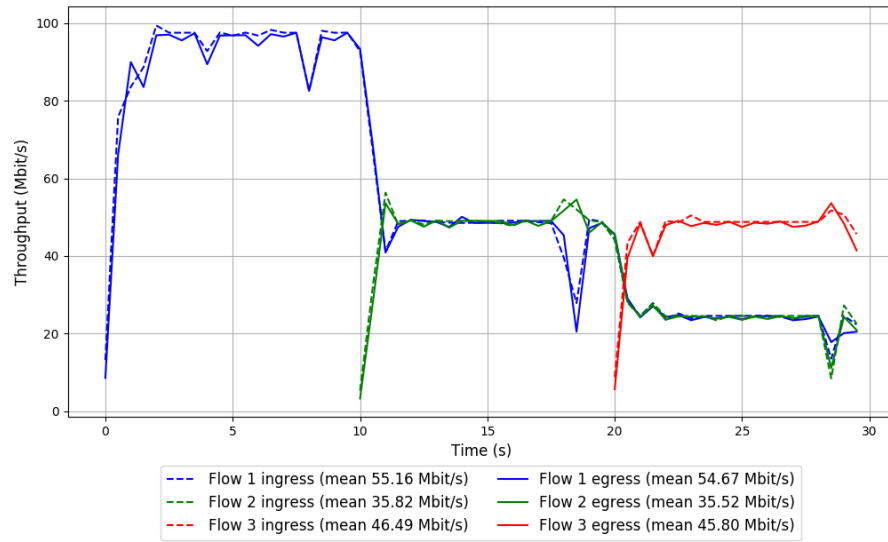
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	57.06	40.27	30.46	79.83	79.07	83.03	0.83	1.06	1.75
TCP Cubic	10	23.38	27.18	32.55	57.93	61.06	65.24	0.72	0.69	1.08
LEDBAT	10	20.31	16.19	13.61	52.22	52.61	46.83	0.63	0.81	1.50
PCC	10	52.03	36.64	21.58	66.37	67.44	69.76	0.73	0.99	1.59
QUIC Cubic	10	32.67	27.75	27.07	61.79	58.32	62.50	0.67	0.75	1.23
SCReAM	10	0.19	0.20	0.20	40.02	40.16	40.56	0.36	0.28	0.68
WebRTC media	10	0.06	0.06	0.05	42.12	42.63	42.49	0.19	0.55	0.23
Sprout	10	11.68	11.49	11.30	45.71	46.45	46.60	0.55	0.71	0.86
TaoVA-100x	10	51.53	36.55	34.75	68.13	73.43	72.02	0.77	0.91	1.57
TCP Vegas	10	22.81	20.63	21.79	54.42	54.17	60.53	0.50	0.57	1.04
Verus	10	52.59	37.73	27.44	72.25	75.55	82.23	0.85	1.03	1.33
Copa	10	57.33	31.51	17.99	59.31	62.77	65.54	0.84	1.04	1.25
FillP	8	58.36	38.90	35.26	73.13	75.95	73.40	0.79	1.40	2.46
Indigo-1-32	10	55.02	34.05	28.84	50.93	51.52	53.22	0.59	0.76	1.22
Vivace-latency	10	42.67	27.57	10.33	56.49	57.60	55.46	0.82	1.09	1.91
Vivace-loss	9	50.10	39.55	24.07	76.50	73.60	77.90	0.81	1.08	1.93
Vivace-LTE	10	53.15	32.54	22.62	67.38	73.08	76.70	0.60	0.84	1.56

Run 1: Statistics of TCP BBR

Start at: 2018-03-27 14:22:22
End at: 2018-03-27 14:22:52
Local clock offset: 4.715 ms
Remote clock offset: -0.862 ms

Below is generated by plot.py at 2018-03-27 23:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 90.479 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 54.67 Mbit/s
95th percentile per-packet one-way delay: 89.889 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 92.172 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 45.80 Mbit/s
95th percentile per-packet one-way delay: 70.491 ms
Loss rate: 2.20%

Run 1: Report of TCP BBR — Data Link

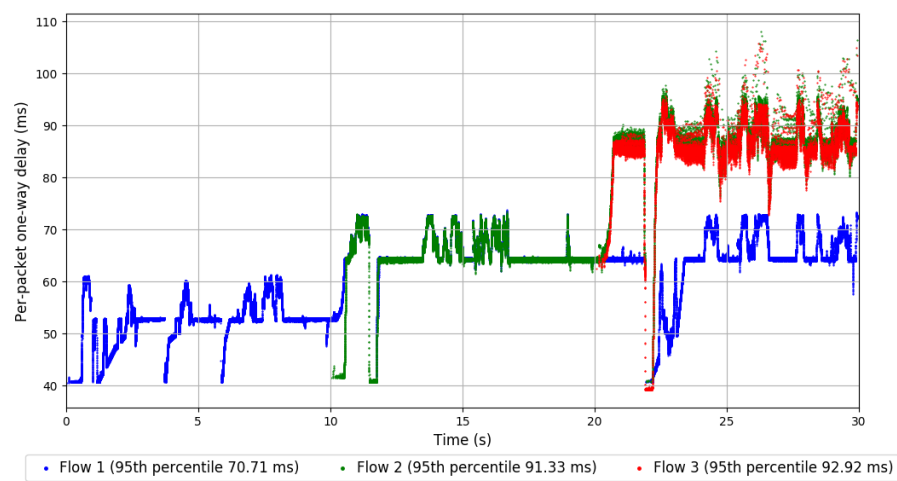
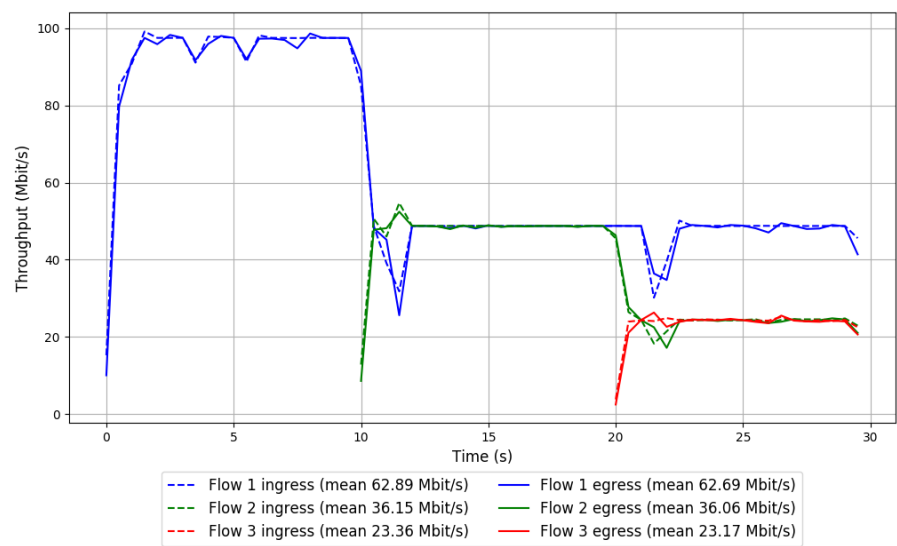


Run 2: Statistics of TCP BBR

Start at: 2018-03-27 14:49:06
End at: 2018-03-27 14:49:36
Local clock offset: 4.296 ms
Remote clock offset: -1.711 ms

Below is generated by plot.py at 2018-03-27 23:34:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 87.972 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 62.69 Mbit/s
95th percentile per-packet one-way delay: 70.711 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 91.329 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 23.17 Mbit/s
95th percentile per-packet one-way delay: 92.919 ms
Loss rate: 1.72%

Run 2: Report of TCP BBR — Data Link

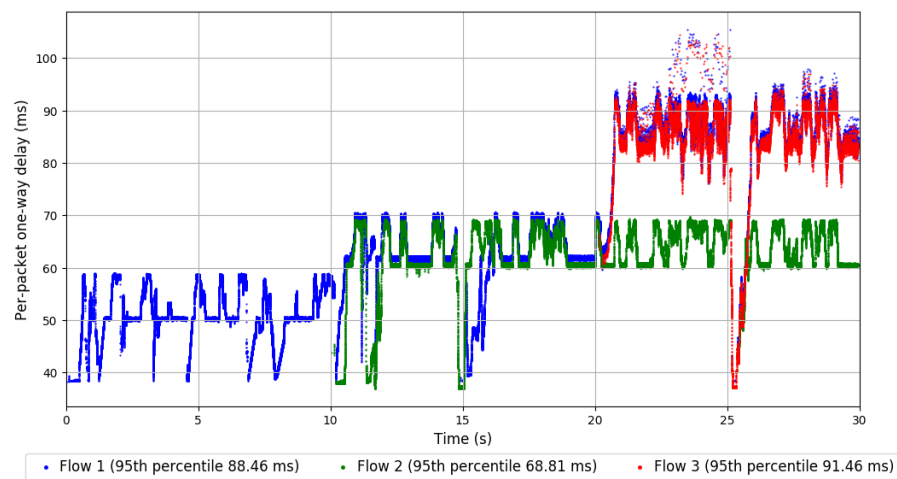
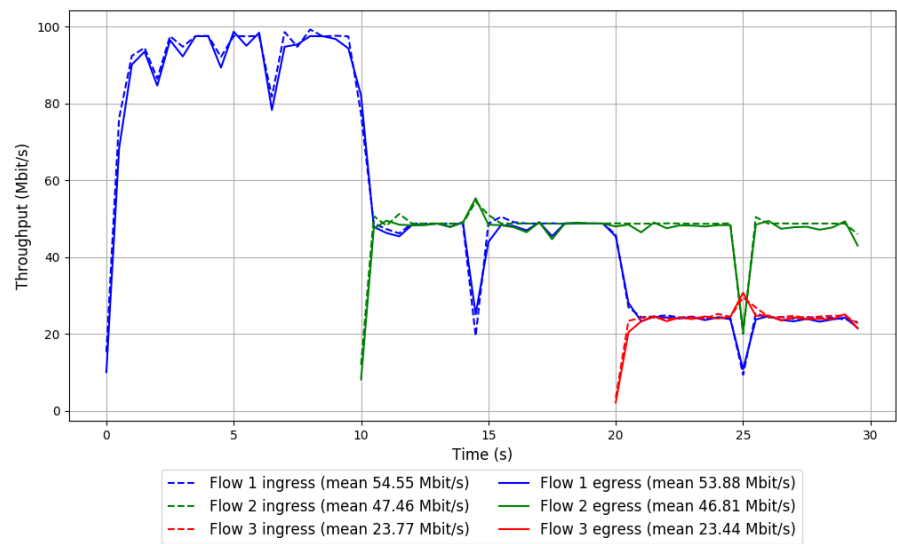


Run 3: Statistics of TCP BBR

Start at: 2018-03-27 15:14:23
End at: 2018-03-27 15:14:53
Local clock offset: -0.348 ms
Remote clock offset: -0.658 ms

Below is generated by plot.py at 2018-03-27 23:34:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 88.751 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 88.459 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 46.81 Mbit/s
95th percentile per-packet one-way delay: 68.808 ms
Loss rate: 1.80%
-- Flow 3:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 91.461 ms
Loss rate: 2.37%

Run 3: Report of TCP BBR — Data Link

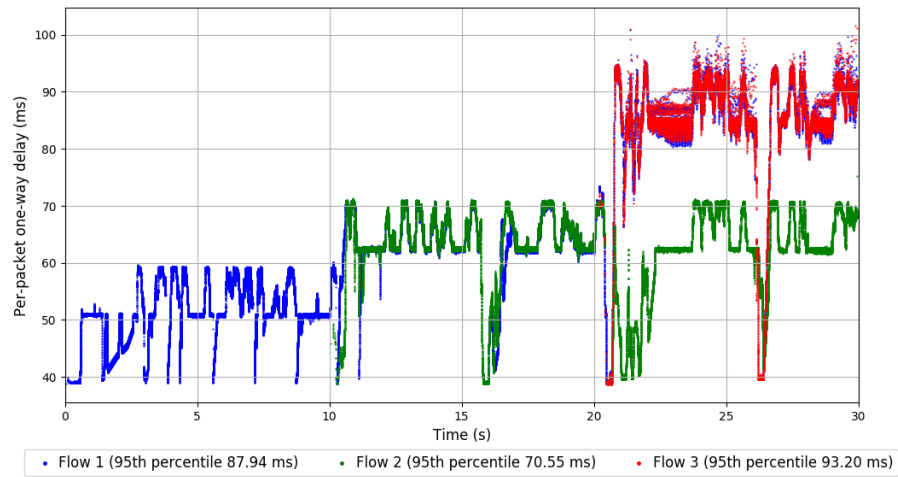
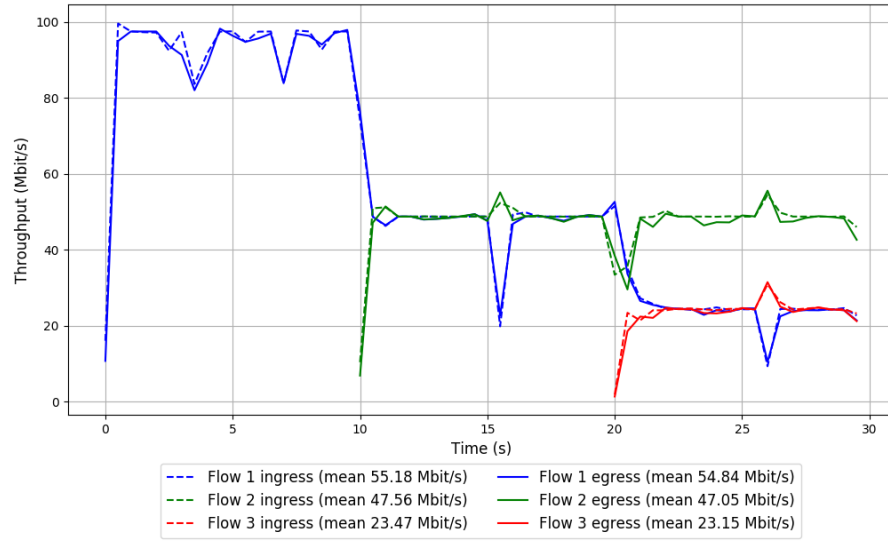


Run 4: Statistics of TCP BBR

Start at: 2018-03-27 15:40:52
End at: 2018-03-27 15:41:22
Local clock offset: -0.523 ms
Remote clock offset: -4.908 ms

Below is generated by plot.py at 2018-03-27 23:34:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 89.282 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 54.84 Mbit/s
95th percentile per-packet one-way delay: 87.935 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 70.545 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 23.15 Mbit/s
95th percentile per-packet one-way delay: 93.201 ms
Loss rate: 2.58%

Run 4: Report of TCP BBR — Data Link

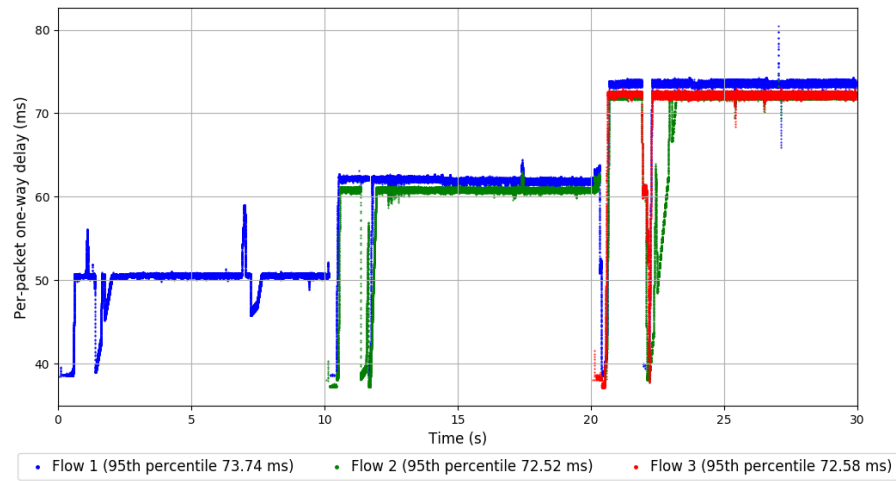
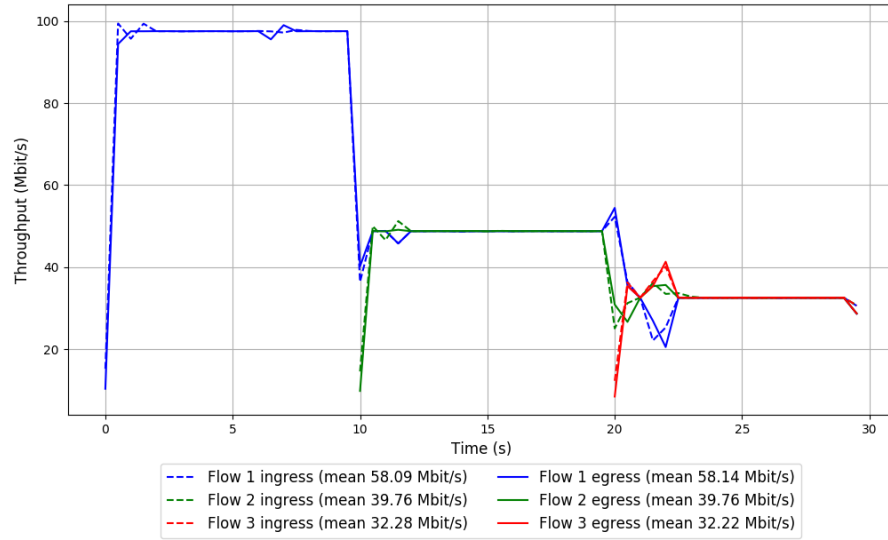


Run 5: Statistics of TCP BBR

Start at: 2018-03-27 16:06:10
End at: 2018-03-27 16:06:40
Local clock offset: 1.029 ms
Remote clock offset: -6.347 ms

Below is generated by plot.py at 2018-03-27 23:34:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 73.647 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 58.14 Mbit/s
95th percentile per-packet one-way delay: 73.742 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 39.76 Mbit/s
95th percentile per-packet one-way delay: 72.523 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 72.575 ms
Loss rate: 1.04%

Run 5: Report of TCP BBR — Data Link

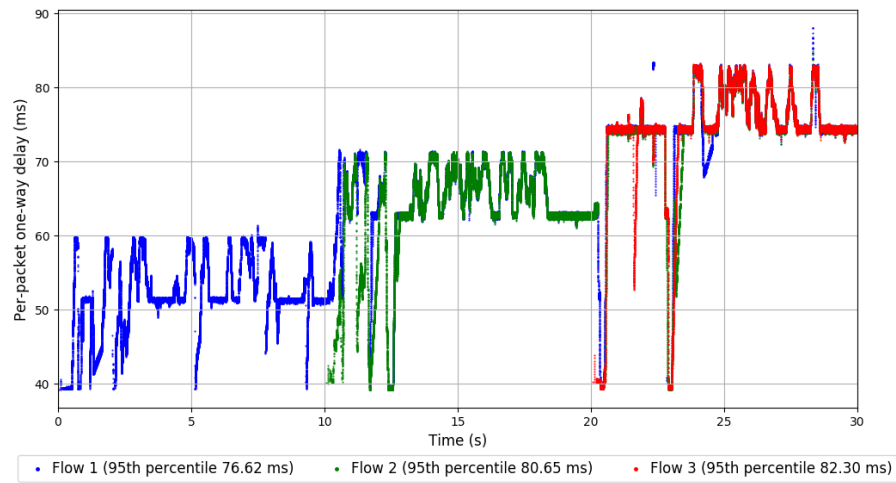
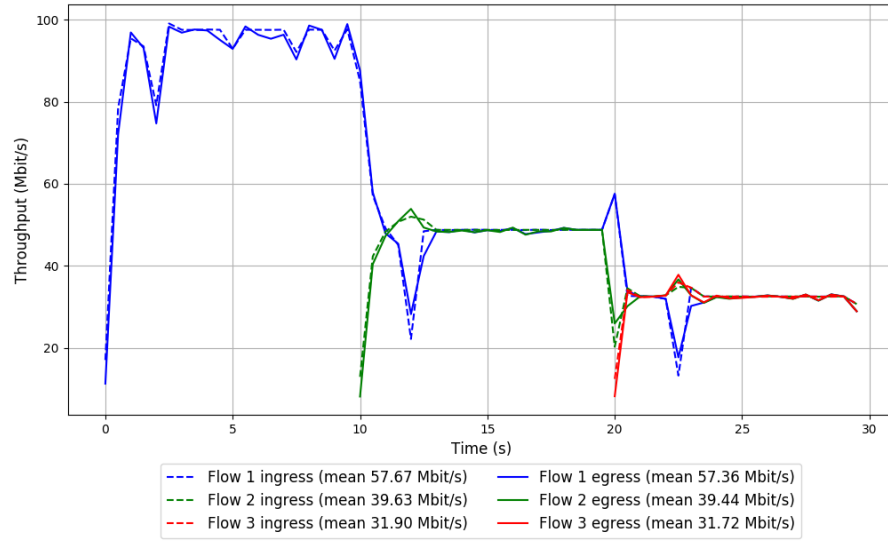


Run 6: Statistics of TCP BBR

Start at: 2018-03-27 16:30:59
End at: 2018-03-27 16:31:29
Local clock offset: -0.223 ms
Remote clock offset: -2.966 ms

Below is generated by plot.py at 2018-03-27 23:34:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.07 Mbit/s
95th percentile per-packet one-way delay: 80.151 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 57.36 Mbit/s
95th percentile per-packet one-way delay: 76.624 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 39.44 Mbit/s
95th percentile per-packet one-way delay: 80.647 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 31.72 Mbit/s
95th percentile per-packet one-way delay: 82.295 ms
Loss rate: 1.39%

Run 6: Report of TCP BBR — Data Link

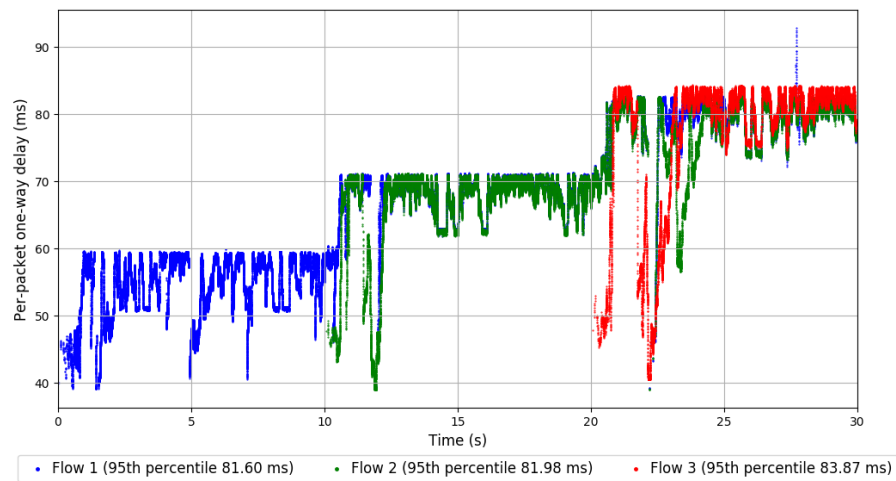
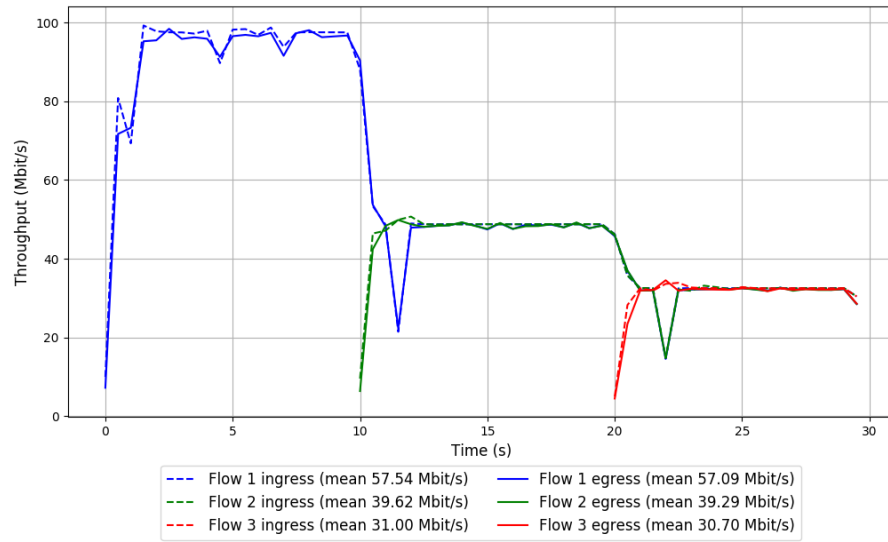


Run 7: Statistics of TCP BBR

Start at: 2018-03-27 16:56:00
End at: 2018-03-27 16:56:30
Local clock offset: 0.595 ms
Remote clock offset: -4.397 ms

Below is generated by plot.py at 2018-03-27 23:34:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.35 Mbit/s
95th percentile per-packet one-way delay: 82.369 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 81.602 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 39.29 Mbit/s
95th percentile per-packet one-way delay: 81.978 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 30.70 Mbit/s
95th percentile per-packet one-way delay: 83.866 ms
Loss rate: 1.99%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-03-27 17:25:57

End at: 2018-03-27 17:26:27

Local clock offset: 2.078 ms

Remote clock offset: -4.97 ms

Below is generated by plot.py at 2018-03-27 23:34:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.37 Mbit/s

95th percentile per-packet one-way delay: 79.387 ms

Loss rate: 1.11%

-- Flow 1:

Average throughput: 57.85 Mbit/s

95th percentile per-packet one-way delay: 78.479 ms

Loss rate: 0.96%

-- Flow 2:

Average throughput: 39.35 Mbit/s

95th percentile per-packet one-way delay: 79.545 ms

Loss rate: 1.18%

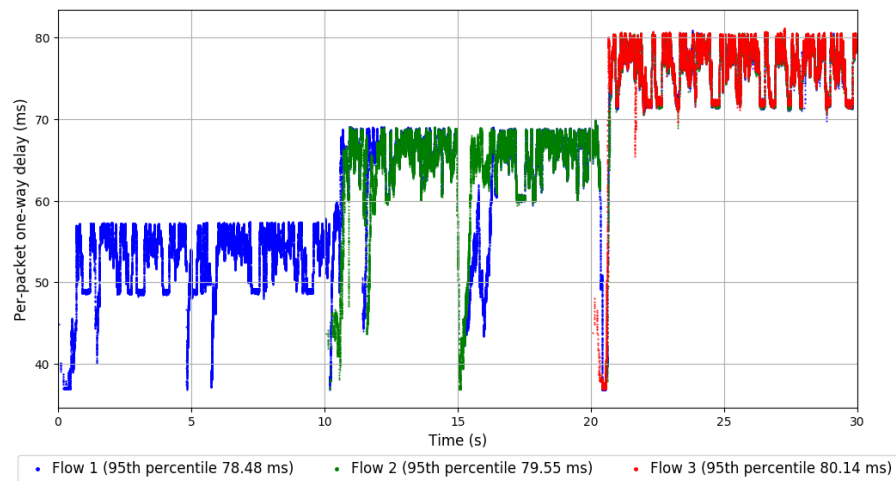
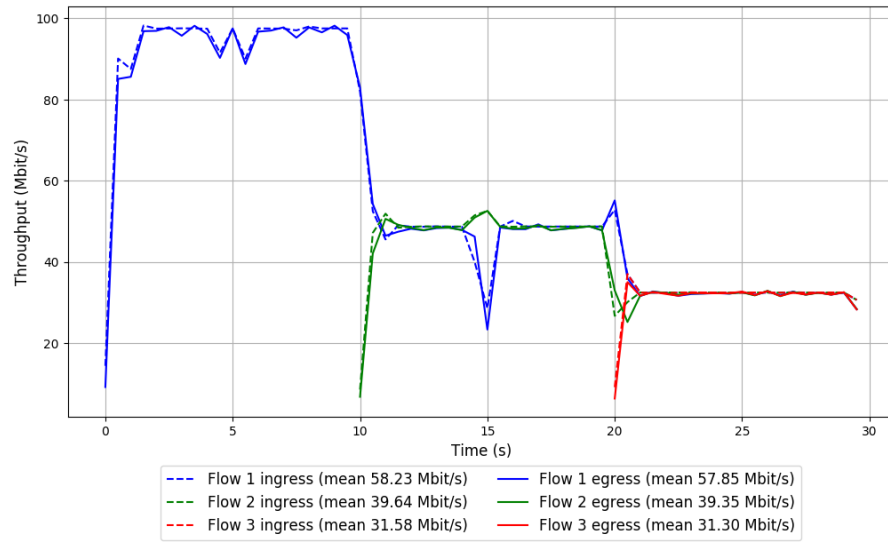
-- Flow 3:

Average throughput: 31.30 Mbit/s

95th percentile per-packet one-way delay: 80.142 ms

Loss rate: 1.76%

Run 8: Report of TCP BBR — Data Link

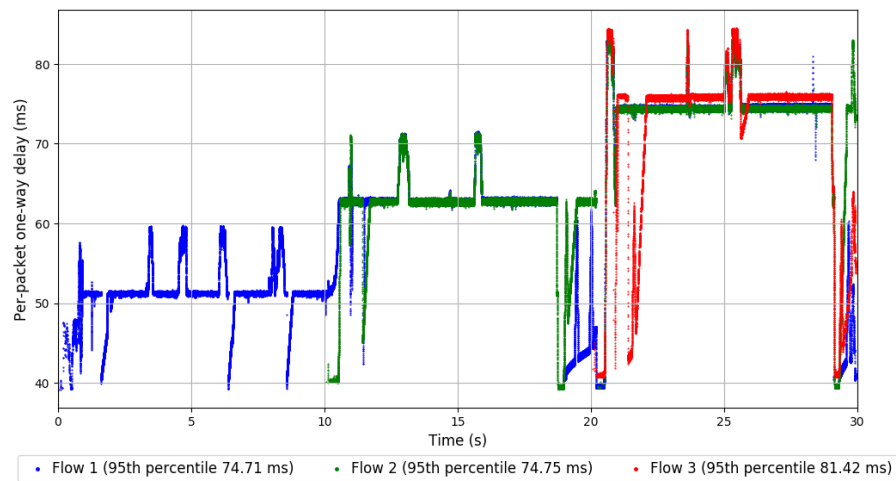
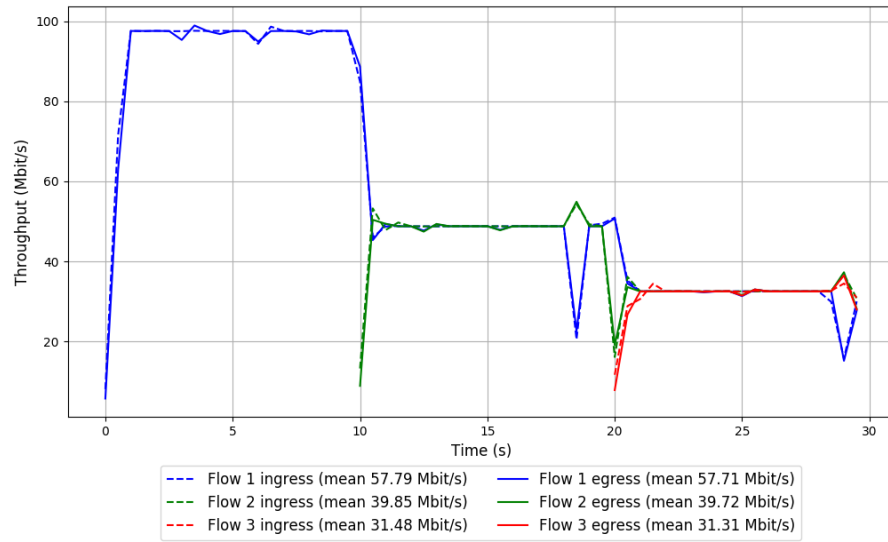


Run 9: Statistics of TCP BBR

Start at: 2018-03-27 17:52:21
End at: 2018-03-27 17:52:51
Local clock offset: 2.992 ms
Remote clock offset: -8.965 ms

Below is generated by plot.py at 2018-03-27 23:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 76.015 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 57.71 Mbit/s
95th percentile per-packet one-way delay: 74.709 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 74.748 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 31.31 Mbit/s
95th percentile per-packet one-way delay: 81.425 ms
Loss rate: 1.24%

Run 9: Report of TCP BBR — Data Link

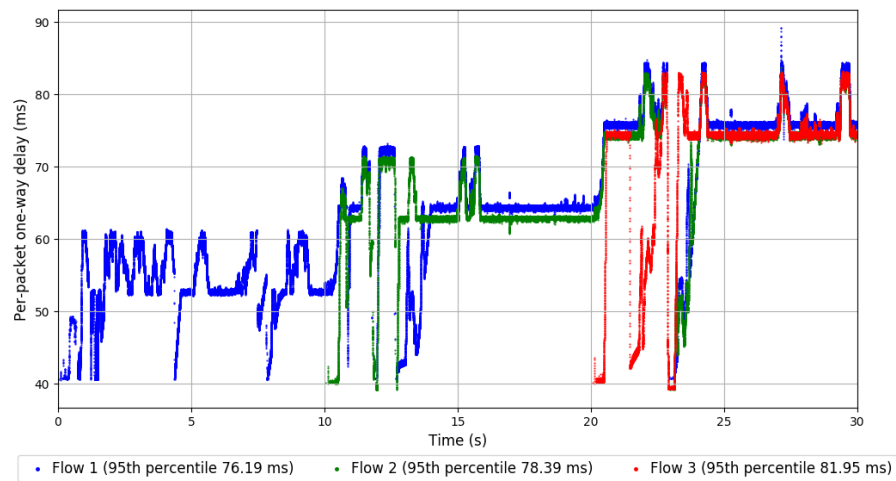
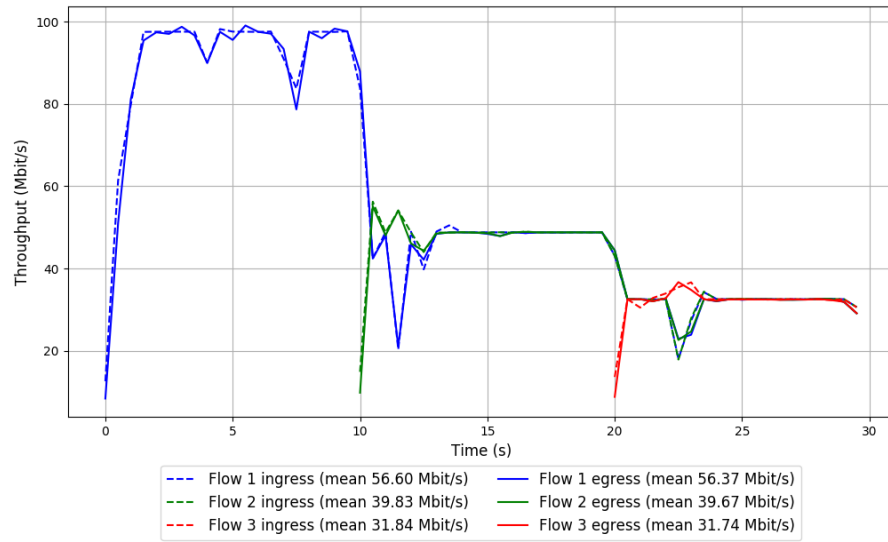


Run 10: Statistics of TCP BBR

Start at: 2018-03-27 18:17:48
End at: 2018-03-27 18:18:18
Local clock offset: 2.061 ms
Remote clock offset: -5.594 ms

Below is generated by plot.py at 2018-03-27 23:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 77.818 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 76.189 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 39.67 Mbit/s
95th percentile per-packet one-way delay: 78.387 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 81.947 ms
Loss rate: 1.25%

Run 10: Report of TCP BBR — Data Link

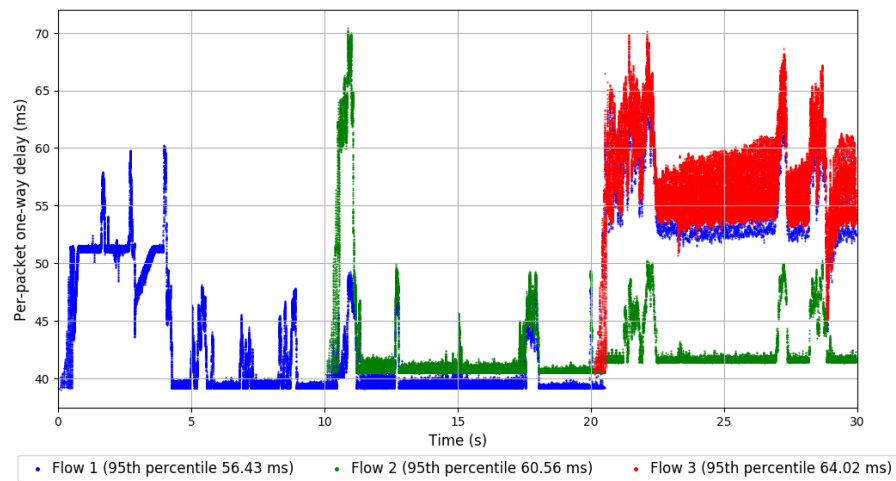
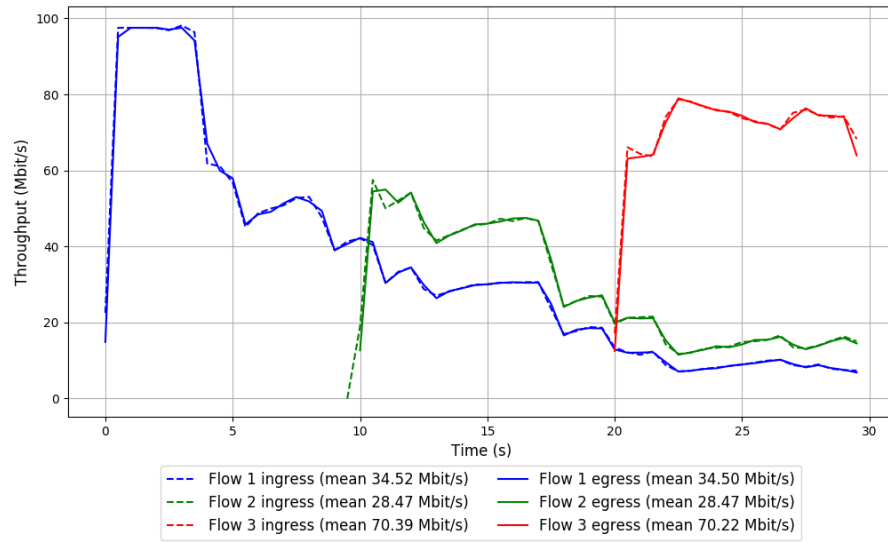


Run 1: Statistics of TCP Cubic

Start at: 2018-03-27 14:39:14
End at: 2018-03-27 14:39:44
Local clock offset: 4.246 ms
Remote clock offset: -2.126 ms

Below is generated by plot.py at 2018-03-27 23:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.66 Mbit/s
95th percentile per-packet one-way delay: 61.766 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 34.50 Mbit/s
95th percentile per-packet one-way delay: 56.432 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 60.557 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 70.22 Mbit/s
95th percentile per-packet one-way delay: 64.022 ms
Loss rate: 1.00%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-03-27 15:04:49

End at: 2018-03-27 15:05:19

Local clock offset: 1.895 ms

Remote clock offset: 0.972 ms

Below is generated by plot.py at 2018-03-27 23:35:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 61.36 Mbit/s

95th percentile per-packet one-way delay: 82.851 ms

Loss rate: 0.65%

-- Flow 1:

Average throughput: 22.23 Mbit/s

95th percentile per-packet one-way delay: 82.890 ms

Loss rate: 0.58%

-- Flow 2:

Average throughput: 41.43 Mbit/s

95th percentile per-packet one-way delay: 60.498 ms

Loss rate: 0.64%

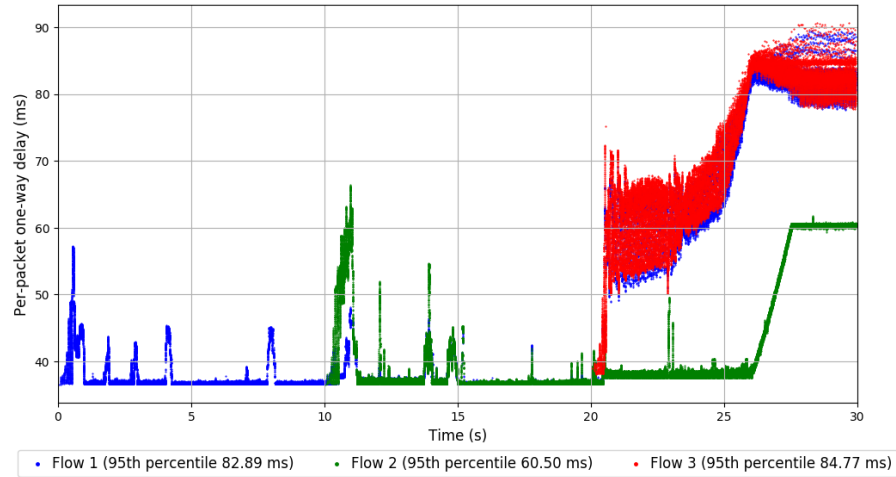
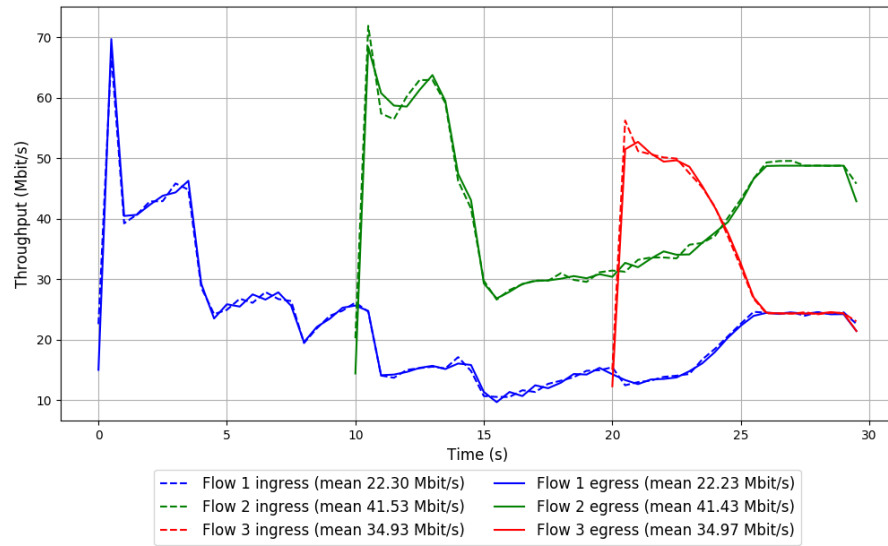
-- Flow 3:

Average throughput: 34.97 Mbit/s

95th percentile per-packet one-way delay: 84.770 ms

Loss rate: 0.80%

Run 2: Report of TCP Cubic — Data Link

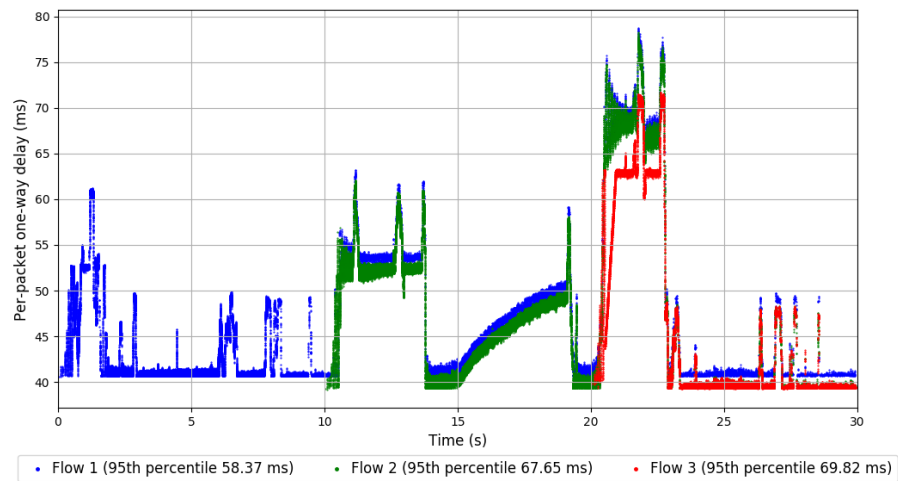
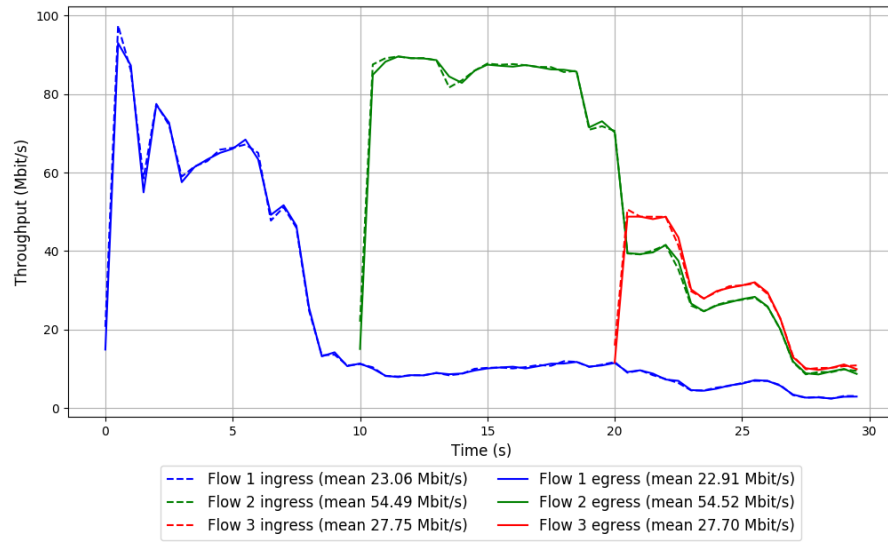


Run 3: Statistics of TCP Cubic

Start at: 2018-03-27 15:30:40
End at: 2018-03-27 15:31:10
Local clock offset: -1.847 ms
Remote clock offset: -3.084 ms

Below is generated by plot.py at 2018-03-27 23:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.33 Mbit/s
95th percentile per-packet one-way delay: 66.896 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 22.91 Mbit/s
95th percentile per-packet one-way delay: 58.370 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 54.52 Mbit/s
95th percentile per-packet one-way delay: 67.647 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 27.70 Mbit/s
95th percentile per-packet one-way delay: 69.820 ms
Loss rate: 0.85%

Run 3: Report of TCP Cubic — Data Link

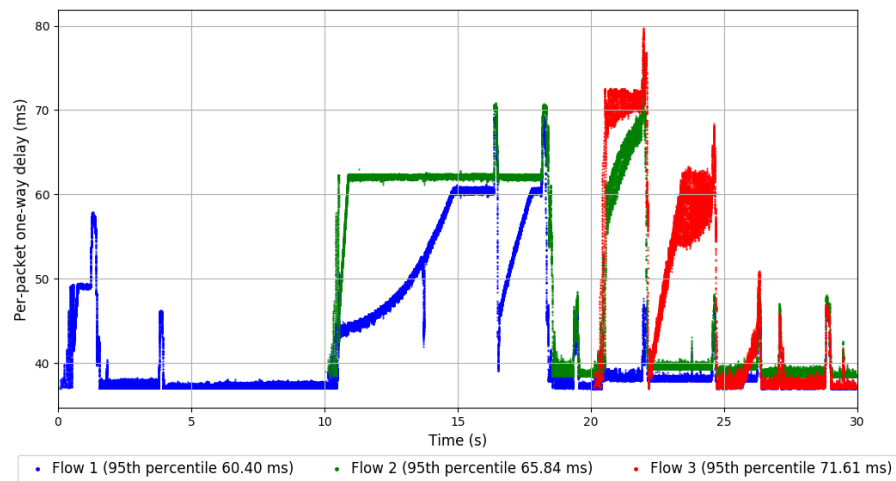
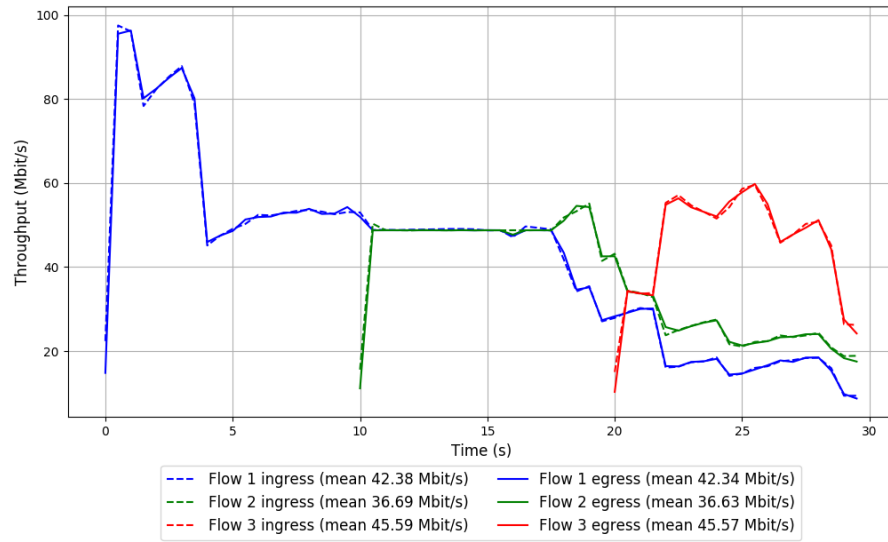


Run 4: Statistics of TCP Cubic

Start at: 2018-03-27 15:56:32
End at: 2018-03-27 15:57:02
Local clock offset: 0.795 ms
Remote clock offset: -5.584 ms

Below is generated by plot.py at 2018-03-27 23:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.76 Mbit/s
95th percentile per-packet one-way delay: 63.102 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 42.34 Mbit/s
95th percentile per-packet one-way delay: 60.403 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 65.840 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 45.57 Mbit/s
95th percentile per-packet one-way delay: 71.612 ms
Loss rate: 0.72%

Run 4: Report of TCP Cubic — Data Link

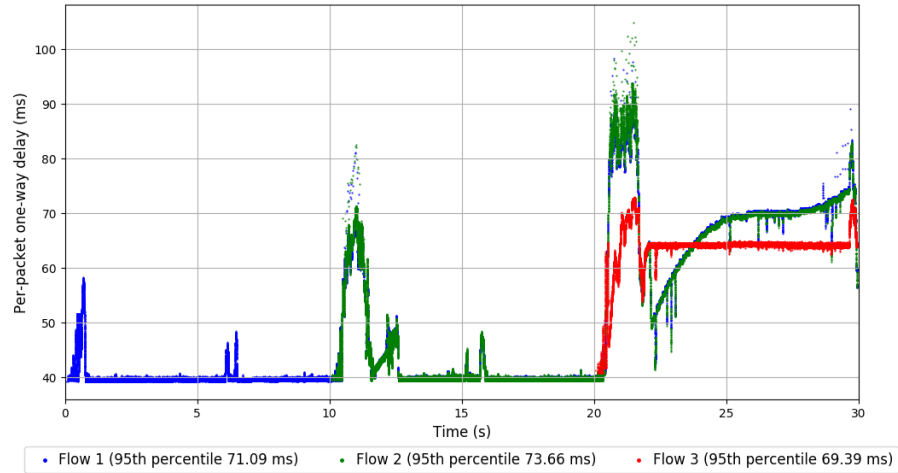
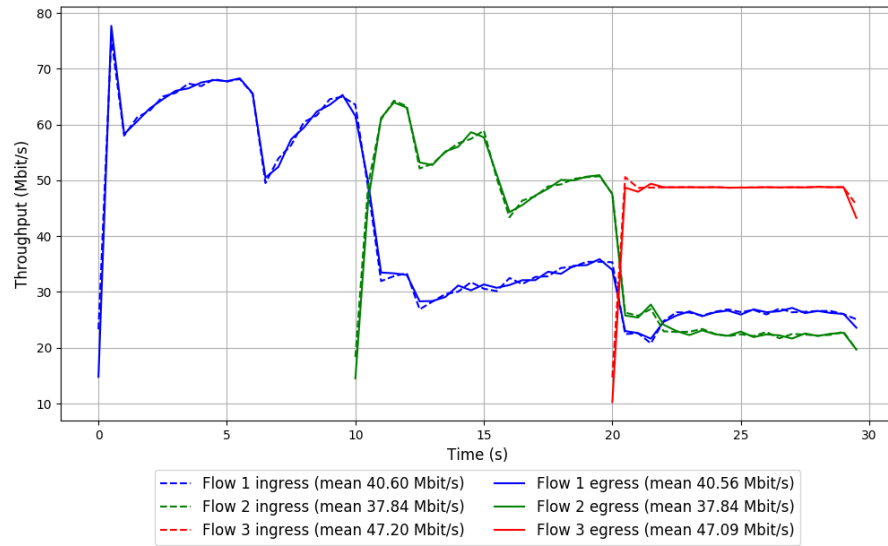


Run 5: Statistics of TCP Cubic

Start at: 2018-03-27 16:21:25
End at: 2018-03-27 16:21:55
Local clock offset: -0.065 ms
Remote clock offset: -4.311 ms

Below is generated by plot.py at 2018-03-27 23:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.29 Mbit/s
95th percentile per-packet one-way delay: 71.253 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 71.091 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 37.84 Mbit/s
95th percentile per-packet one-way delay: 73.660 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 69.387 ms
Loss rate: 0.92%

Run 5: Report of TCP Cubic — Data Link

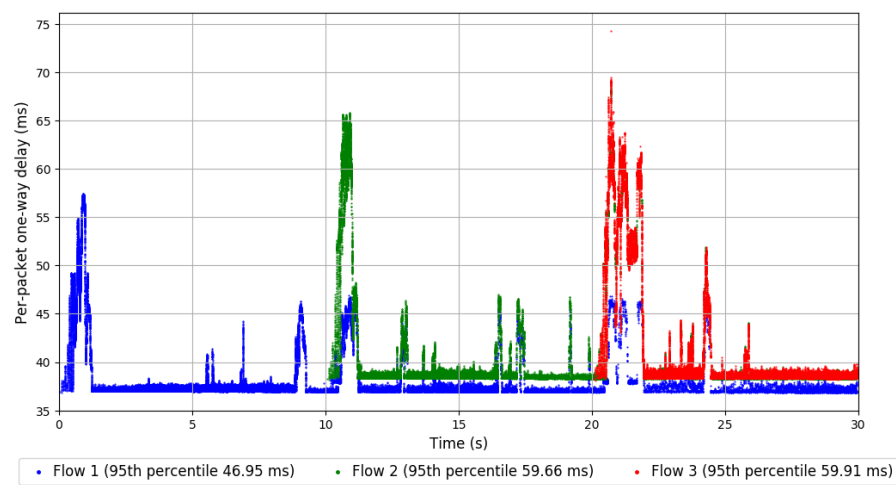
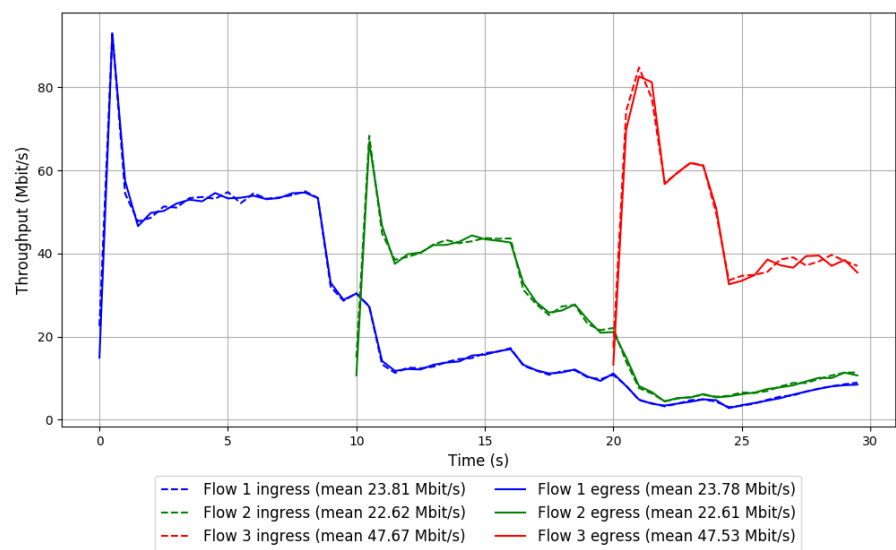


Run 6: Statistics of TCP Cubic

Start at: 2018-03-27 16:46:27
End at: 2018-03-27 16:46:57
Local clock offset: 0.119 ms
Remote clock offset: -0.625 ms

Below is generated by plot.py at 2018-03-27 23:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 57.209 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 46.951 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 22.61 Mbit/s
95th percentile per-packet one-way delay: 59.661 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 47.53 Mbit/s
95th percentile per-packet one-way delay: 59.910 ms
Loss rate: 1.00%

Run 6: Report of TCP Cubic — Data Link

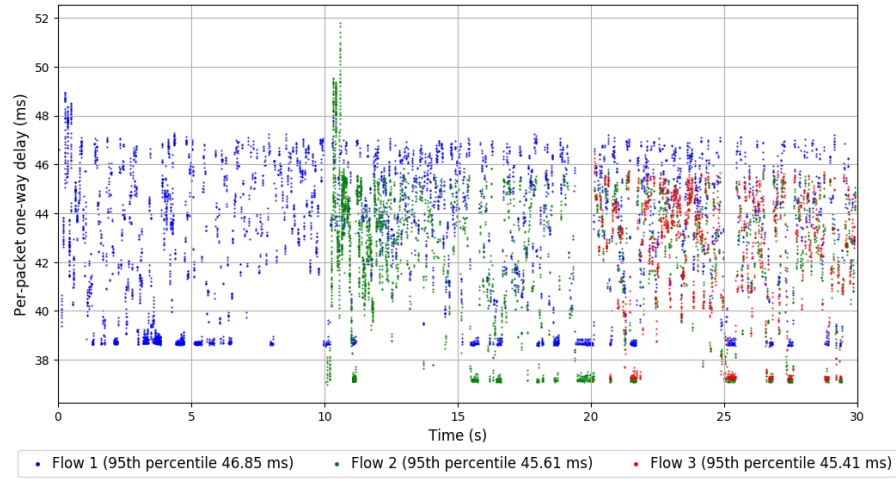
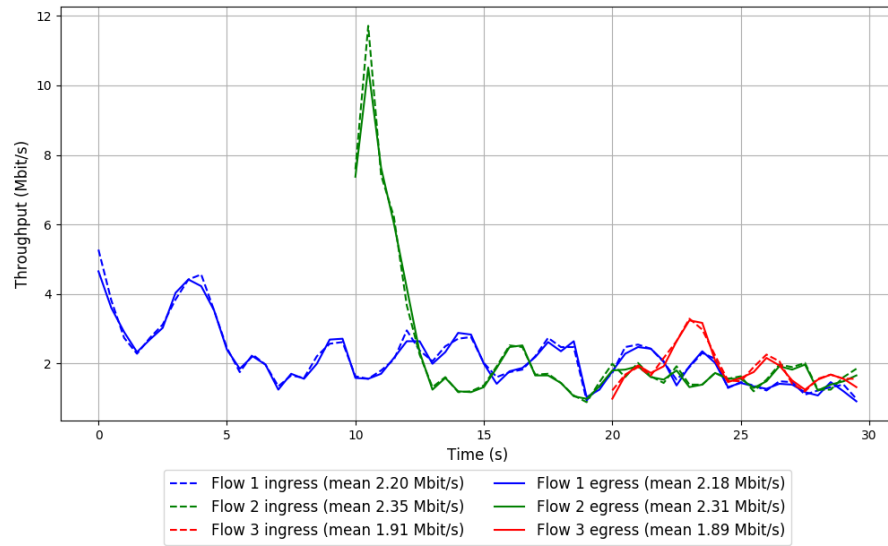


Run 7: Statistics of TCP Cubic

Start at: 2018-03-27 17:15:19
End at: 2018-03-27 17:15:49
Local clock offset: 1.069 ms
Remote clock offset: -3.592 ms

Below is generated by plot.py at 2018-03-27 23:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 46.748 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 46.853 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 45.614 ms
Loss rate: 1.82%
-- Flow 3:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 45.409 ms
Loss rate: 2.15%

Run 7: Report of TCP Cubic — Data Link

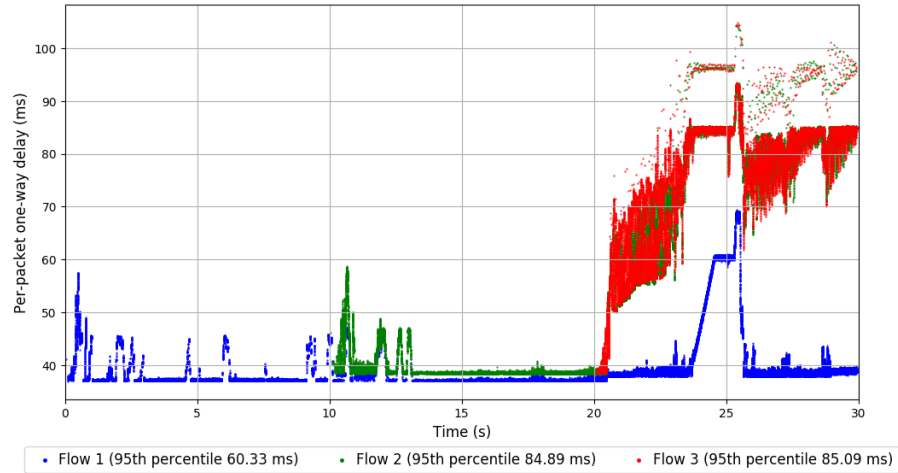
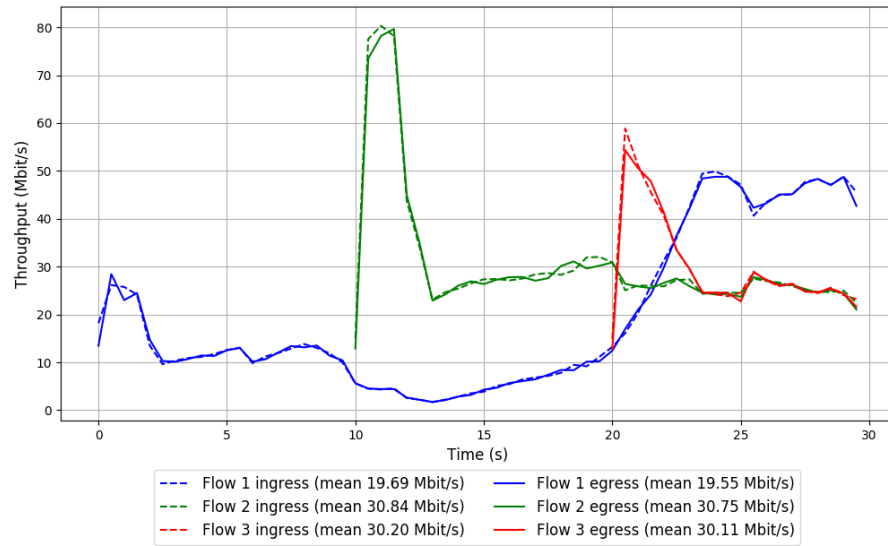


Run 8: Statistics of TCP Cubic

Start at: 2018-03-27 17:42:39
End at: 2018-03-27 17:43:09
Local clock offset: 2.949 ms
Remote clock offset: -6.312 ms

Below is generated by plot.py at 2018-03-27 23:36:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.95 Mbit/s
95th percentile per-packet one-way delay: 84.826 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 19.55 Mbit/s
95th percentile per-packet one-way delay: 60.332 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 30.75 Mbit/s
95th percentile per-packet one-way delay: 84.891 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 85.090 ms
Loss rate: 1.09%

Run 8: Report of TCP Cubic — Data Link

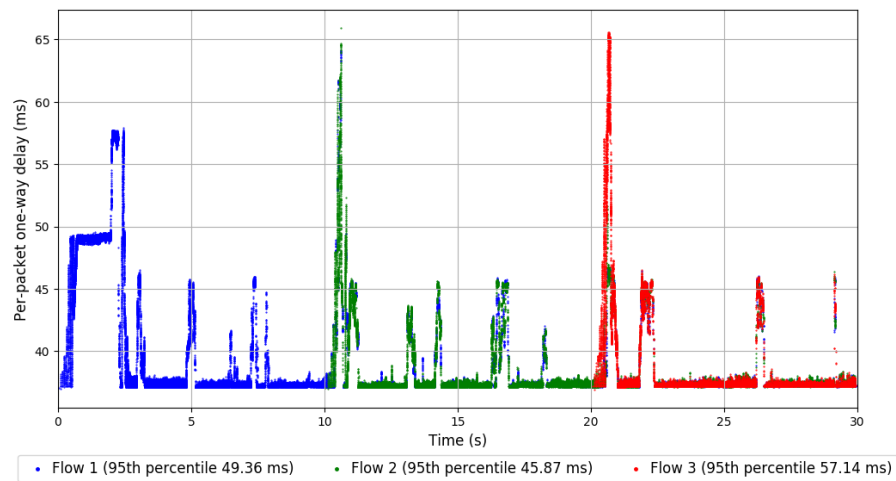
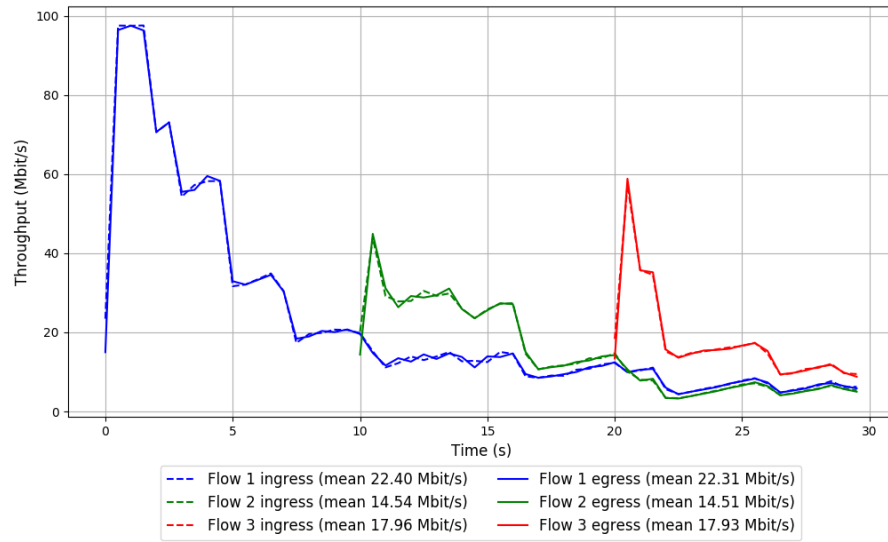


Run 9: Statistics of TCP Cubic

Start at: 2018-03-27 18:08:09
End at: 2018-03-27 18:08:39
Local clock offset: 2.032 ms
Remote clock offset: -4.006 ms

Below is generated by plot.py at 2018-03-27 23:36:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 49.363 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 22.31 Mbit/s
95th percentile per-packet one-way delay: 49.364 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 14.51 Mbit/s
95th percentile per-packet one-way delay: 45.874 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 17.93 Mbit/s
95th percentile per-packet one-way delay: 57.140 ms
Loss rate: 0.83%

Run 9: Report of TCP Cubic — Data Link

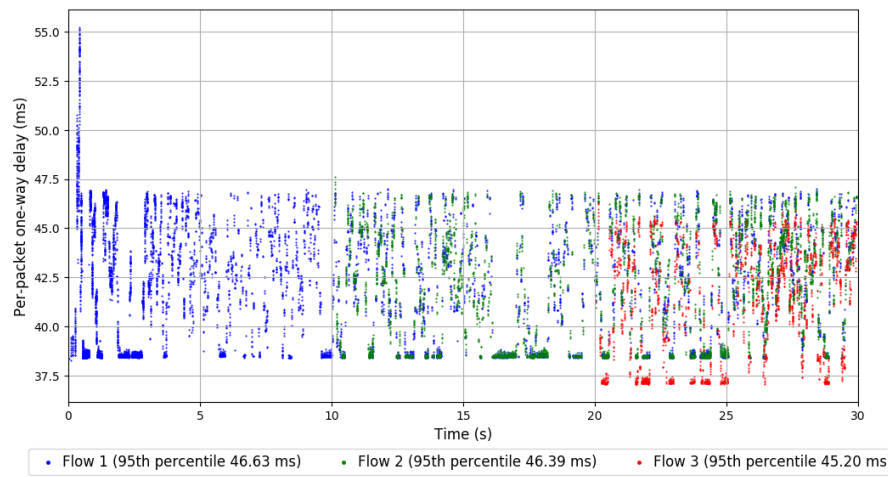
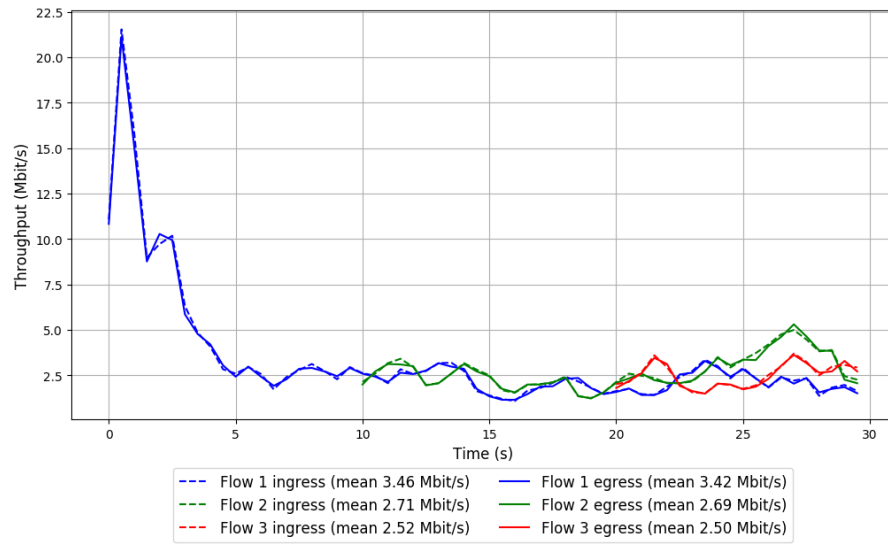


Run 10: Statistics of TCP Cubic

Start at: 2018-03-27 18:34:53
End at: 2018-03-27 18:35:23
Local clock offset: 2.32 ms
Remote clock offset: -4.591 ms

Below is generated by plot.py at 2018-03-27 23:36:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.03 Mbit/s
95th percentile per-packet one-way delay: 46.507 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 46.632 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 46.386 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 45.198 ms
Loss rate: 1.44%

Run 10: Report of TCP Cubic — Data Link

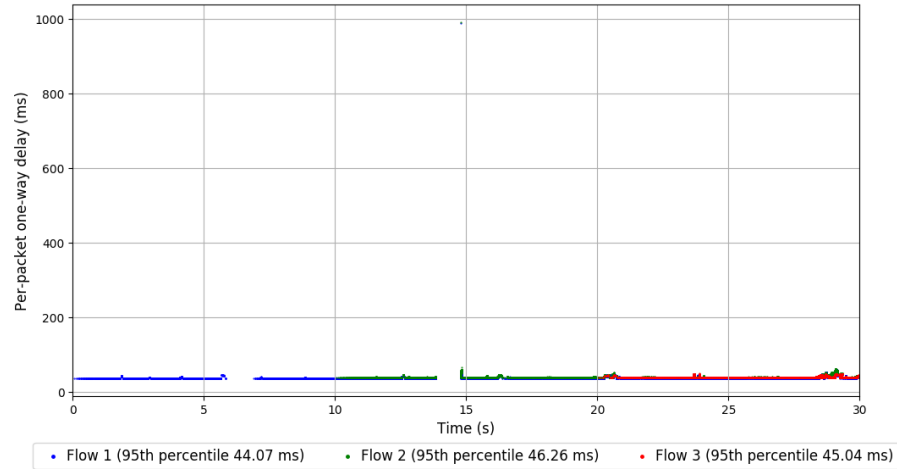
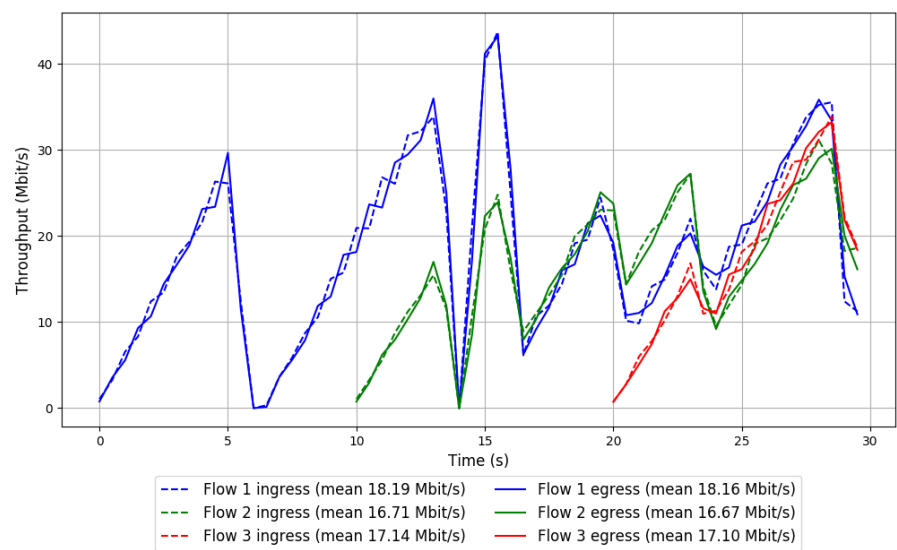


Run 1: Statistics of LEDBAT

Start at: 2018-03-27 14:40:36
End at: 2018-03-27 14:41:06
Local clock offset: 4.172 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2018-03-27 23:36:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.88 Mbit/s
95th percentile per-packet one-way delay: 45.108 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 18.16 Mbit/s
95th percentile per-packet one-way delay: 44.067 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 46.262 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 17.10 Mbit/s
95th percentile per-packet one-way delay: 45.044 ms
Loss rate: 0.96%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-03-27 15:06:11

End at: 2018-03-27 15:06:41

Local clock offset: 1.52 ms

Remote clock offset: 0.14 ms

Below is generated by plot.py at 2018-03-27 23:36:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 46.51 Mbit/s

95th percentile per-packet one-way delay: 72.969 ms

Loss rate: 0.47%

-- Flow 1:

Average throughput: 24.70 Mbit/s

95th percentile per-packet one-way delay: 72.608 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 21.83 Mbit/s

95th percentile per-packet one-way delay: 76.323 ms

Loss rate: 0.45%

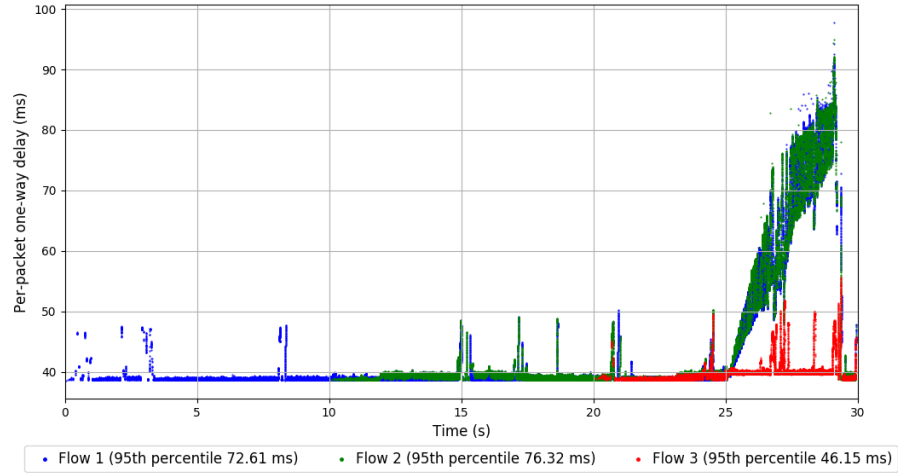
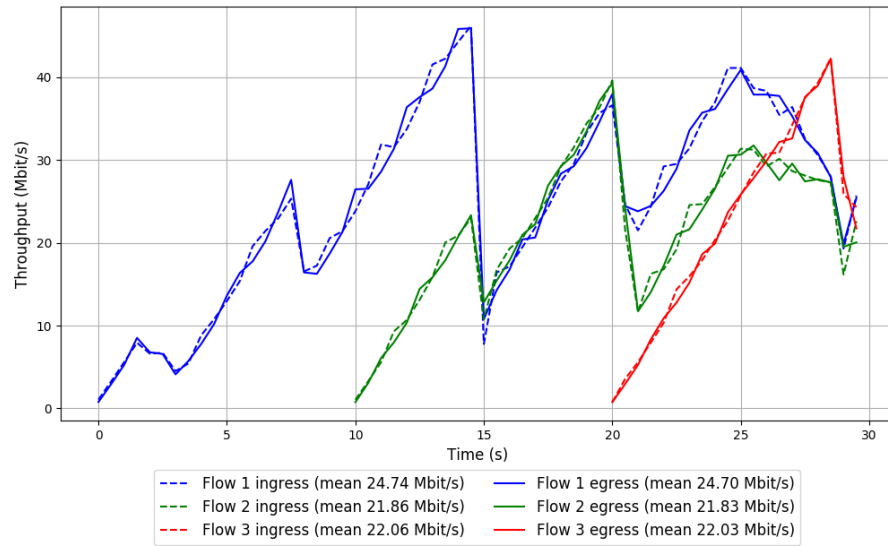
-- Flow 3:

Average throughput: 22.03 Mbit/s

95th percentile per-packet one-way delay: 46.153 ms

Loss rate: 0.84%

Run 2: Report of LEDBAT — Data Link

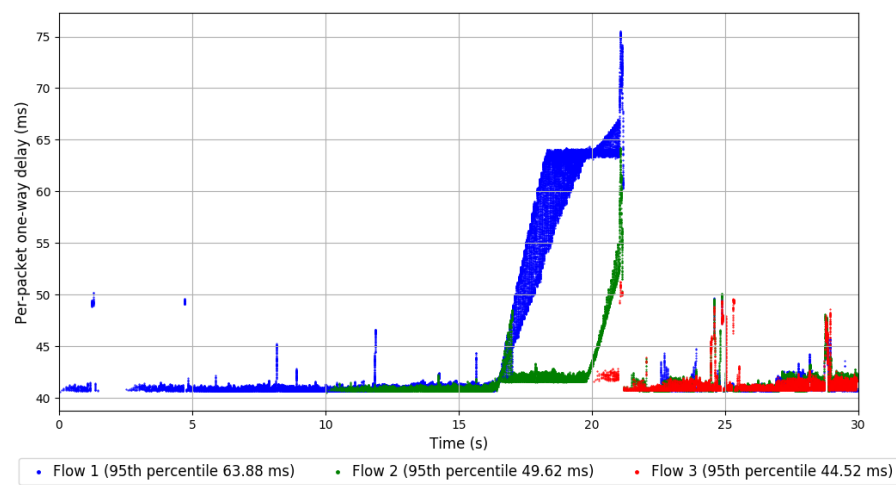
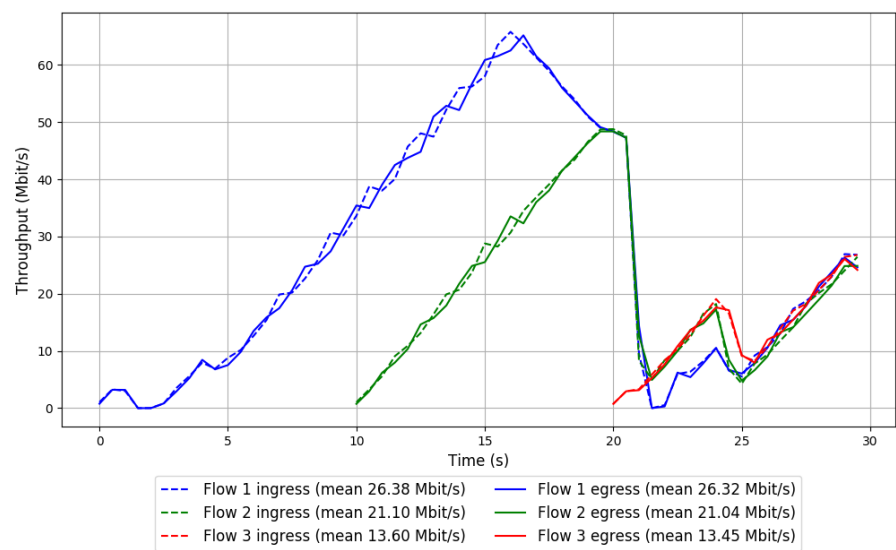


Run 3: Statistics of LEDBAT

Start at: 2018-03-27 15:32:08
End at: 2018-03-27 15:32:38
Local clock offset: -1.951 ms
Remote clock offset: -3.068 ms

Below is generated by plot.py at 2018-03-27 23:36:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.76 Mbit/s
95th percentile per-packet one-way delay: 63.703 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 63.881 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 21.04 Mbit/s
95th percentile per-packet one-way delay: 49.625 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 44.520 ms
Loss rate: 1.83%

Run 3: Report of LEDBAT — Data Link

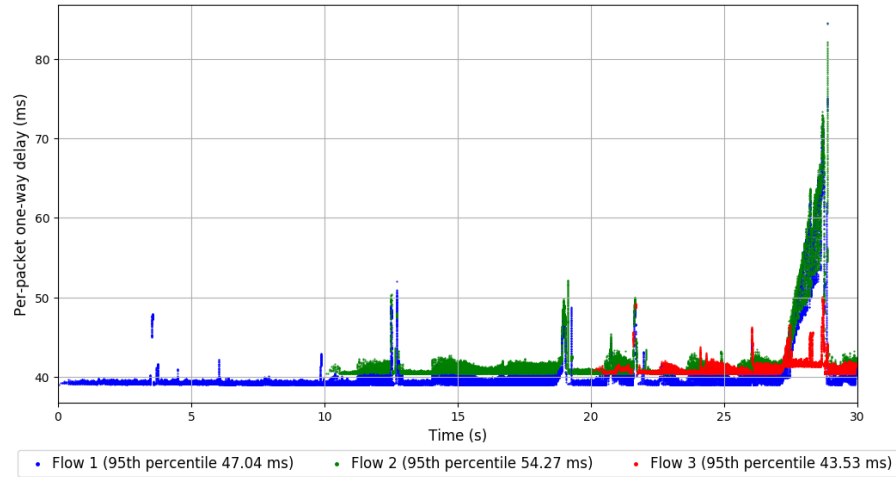
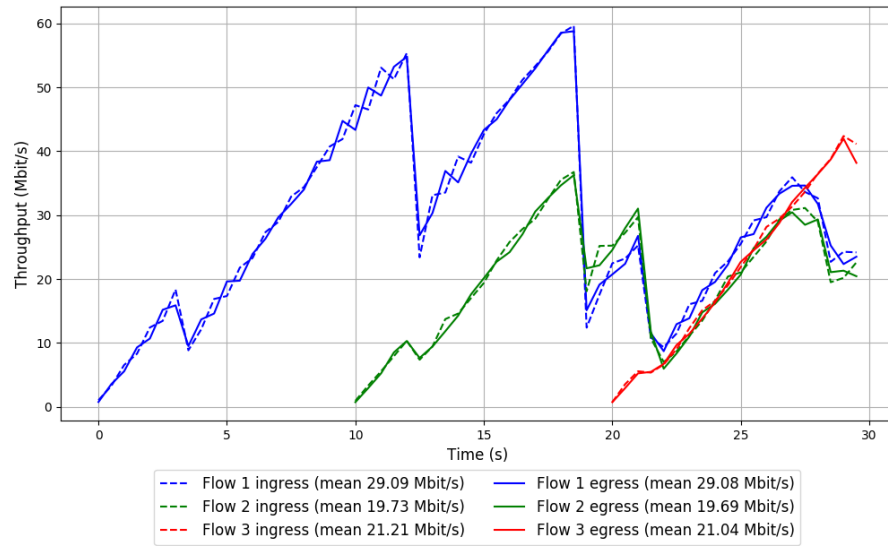


Run 4: Statistics of LEDBAT

Start at: 2018-03-27 15:57:56
End at: 2018-03-27 15:58:26
Local clock offset: 0.837 ms
Remote clock offset: -7.733 ms

Below is generated by plot.py at 2018-03-27 23:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.13 Mbit/s
95th percentile per-packet one-way delay: 48.245 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 29.08 Mbit/s
95th percentile per-packet one-way delay: 47.040 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 19.69 Mbit/s
95th percentile per-packet one-way delay: 54.267 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 21.04 Mbit/s
95th percentile per-packet one-way delay: 43.530 ms
Loss rate: 1.50%

Run 4: Report of LEDBAT — Data Link

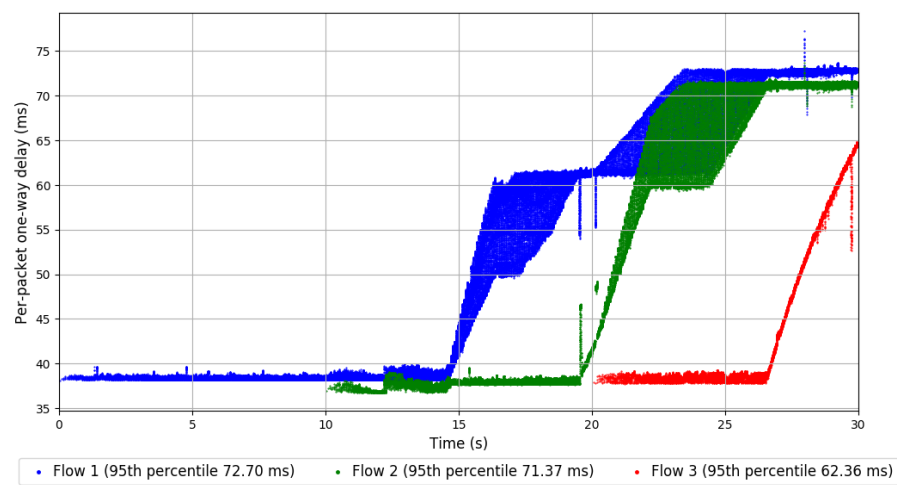
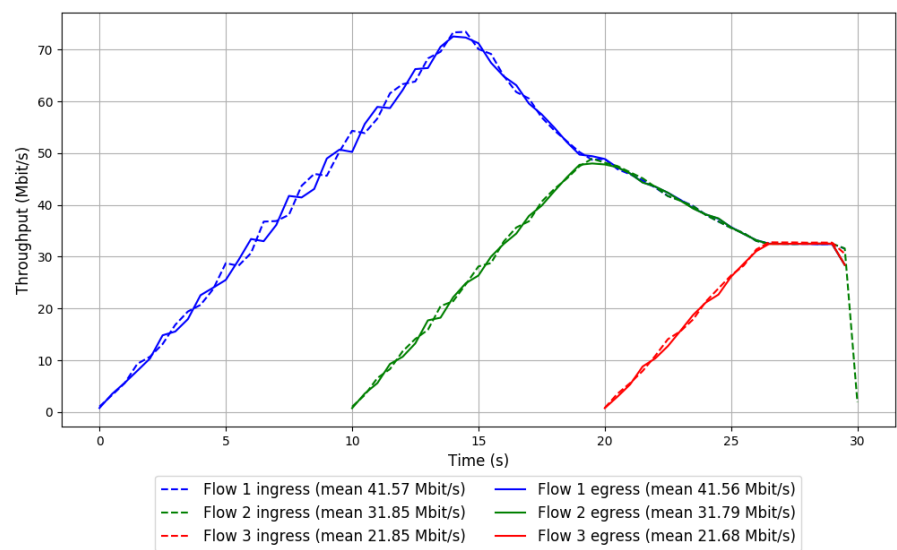


Run 5: Statistics of LEDBAT

Start at: 2018-03-27 16:22:47
End at: 2018-03-27 16:23:17
Local clock offset: -0.031 ms
Remote clock offset: -1.494 ms

Below is generated by plot.py at 2018-03-27 23:36:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.88 Mbit/s
95th percentile per-packet one-way delay: 72.512 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 41.56 Mbit/s
95th percentile per-packet one-way delay: 72.698 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 71.370 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 21.68 Mbit/s
95th percentile per-packet one-way delay: 62.363 ms
Loss rate: 1.42%

Run 5: Report of LEDBAT — Data Link

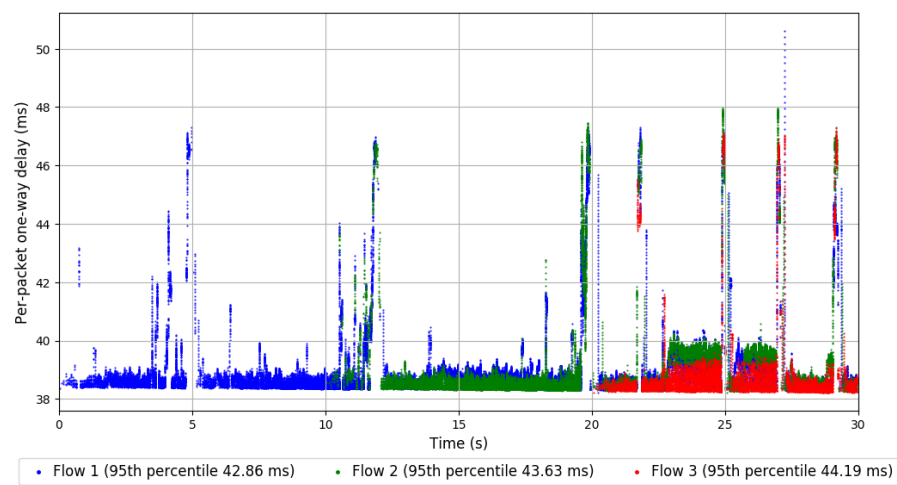
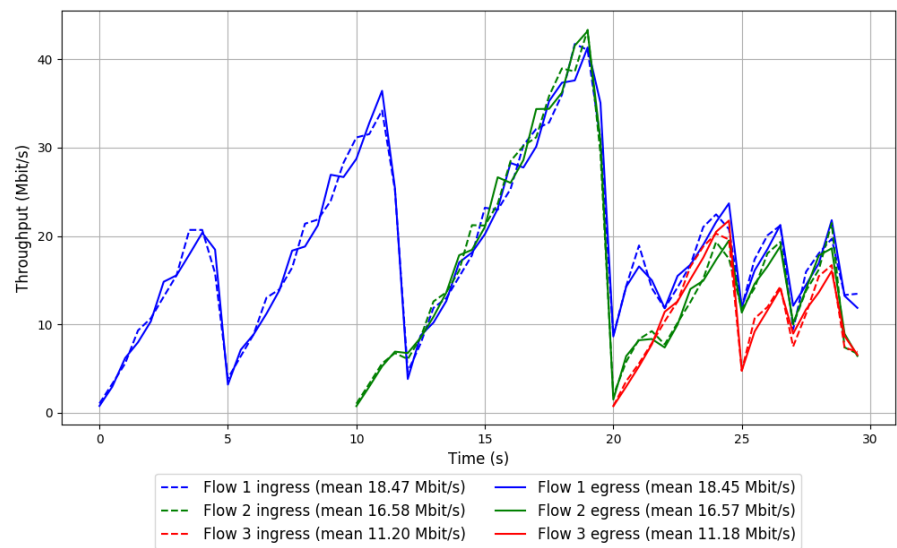


Run 6: Statistics of LEDBAT

Start at: 2018-03-27 16:47:48
End at: 2018-03-27 16:48:18
Local clock offset: 0.226 ms
Remote clock offset: -0.955 ms

Below is generated by plot.py at 2018-03-27 23:36:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.15 Mbit/s
95th percentile per-packet one-way delay: 43.212 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 42.856 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 16.57 Mbit/s
95th percentile per-packet one-way delay: 43.633 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 11.18 Mbit/s
95th percentile per-packet one-way delay: 44.189 ms
Loss rate: 0.91%

Run 6: Report of LEDBAT — Data Link

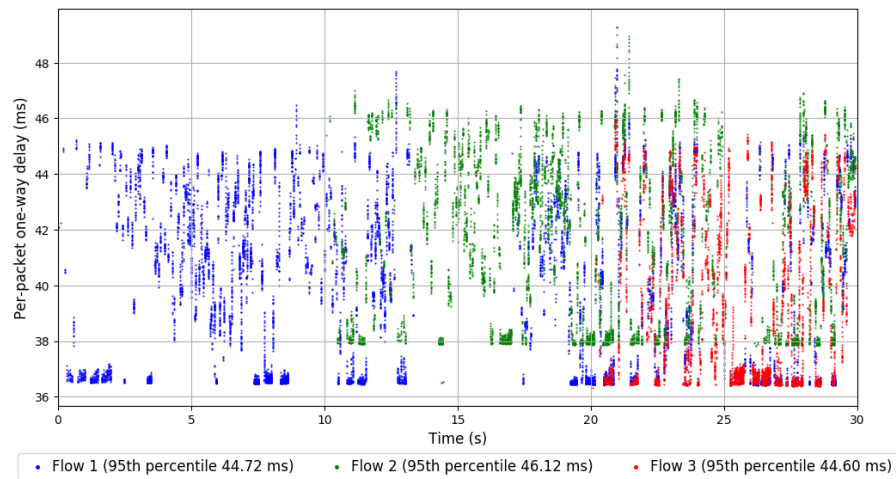
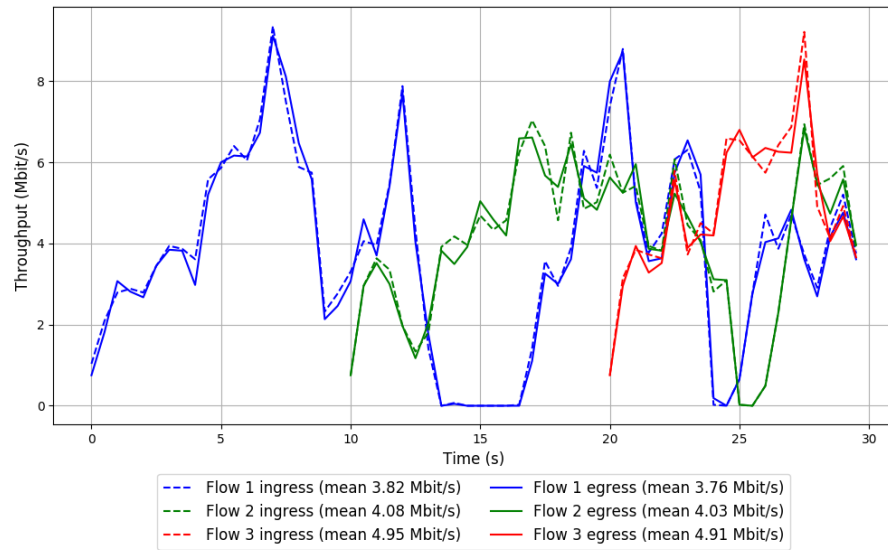


Run 7: Statistics of LEDBAT

Start at: 2018-03-27 17:16:39
End at: 2018-03-27 17:17:10
Local clock offset: 1.053 ms
Remote clock offset: -3.179 ms

Below is generated by plot.py at 2018-03-27 23:36:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 45.513 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 44.721 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 46.124 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 44.599 ms
Loss rate: 1.59%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-03-27 17:44:00

End at: 2018-03-27 17:44:30

Local clock offset: 3.04 ms

Remote clock offset: -8.46 ms

Below is generated by plot.py at 2018-03-27 23:36:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 19.95 Mbit/s

95th percentile per-packet one-way delay: 46.724 ms

Loss rate: 0.67%

-- Flow 1:

Average throughput: 11.63 Mbit/s

95th percentile per-packet one-way delay: 46.066 ms

Loss rate: 0.41%

-- Flow 2:

Average throughput: 9.26 Mbit/s

95th percentile per-packet one-way delay: 47.019 ms

Loss rate: 0.66%

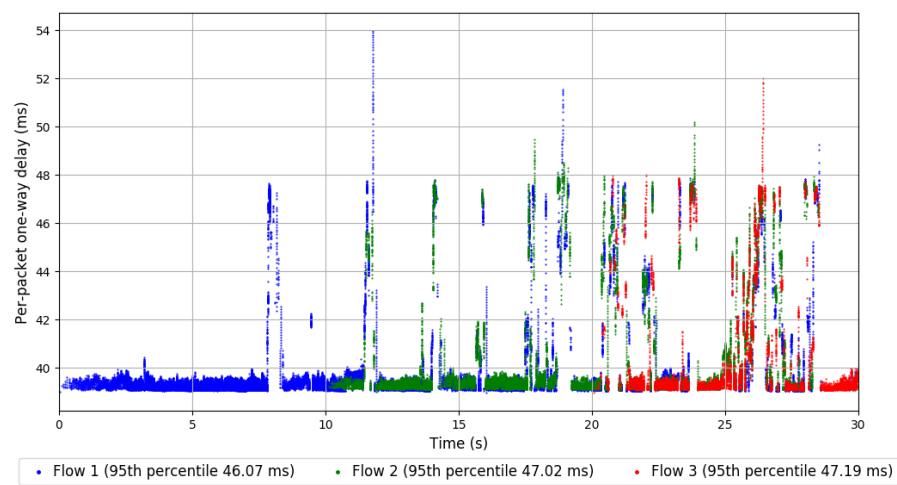
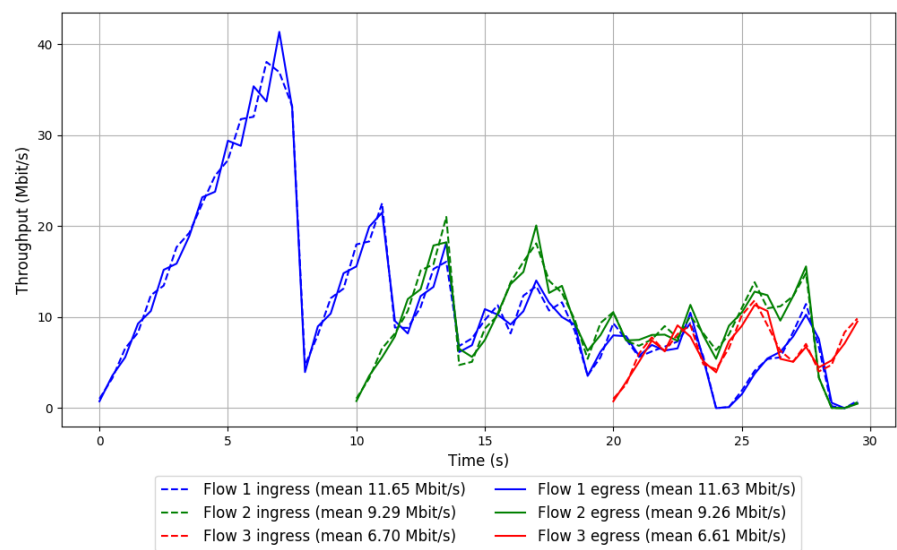
-- Flow 3:

Average throughput: 6.61 Mbit/s

95th percentile per-packet one-way delay: 47.189 ms

Loss rate: 2.06%

Run 8: Report of LEDBAT — Data Link

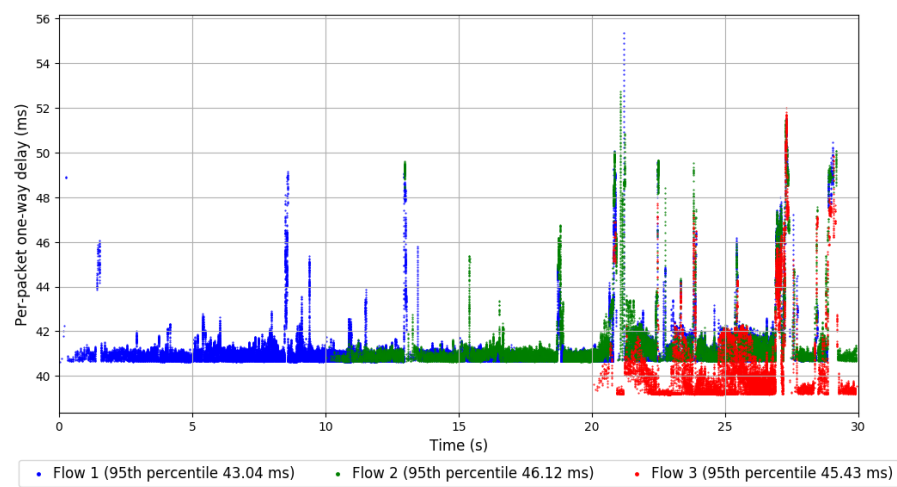
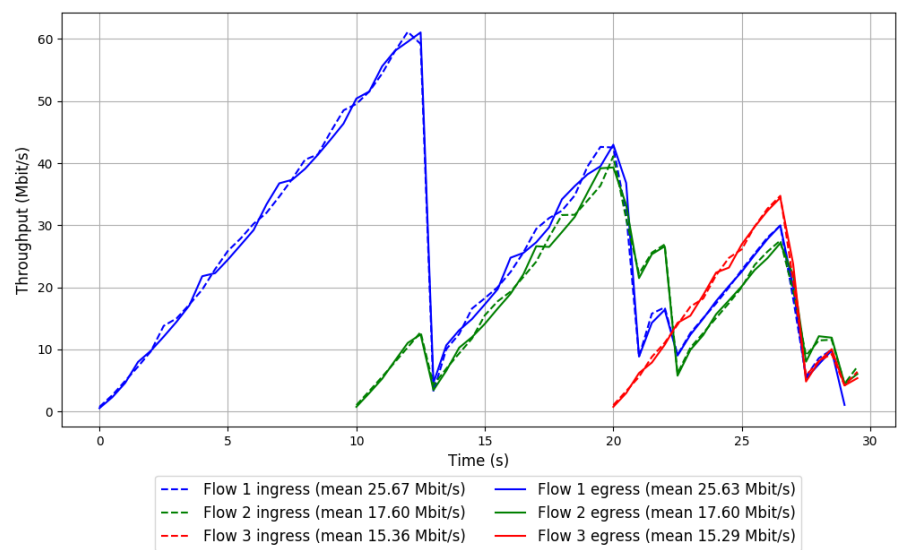


Run 9: Statistics of LEDBAT

Start at: 2018-03-27 18:09:29
End at: 2018-03-27 18:09:59
Local clock offset: 2.109 ms
Remote clock offset: -5.934 ms

Below is generated by plot.py at 2018-03-27 23:36:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.60 Mbit/s
95th percentile per-packet one-way delay: 44.684 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 25.63 Mbit/s
95th percentile per-packet one-way delay: 43.042 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 17.60 Mbit/s
95th percentile per-packet one-way delay: 46.123 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 45.427 ms
Loss rate: 0.50%

Run 9: Report of LEDBAT — Data Link

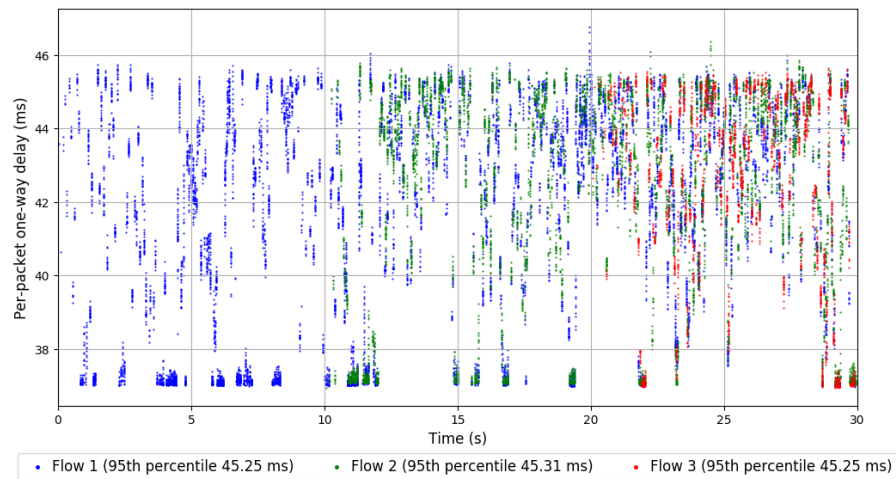
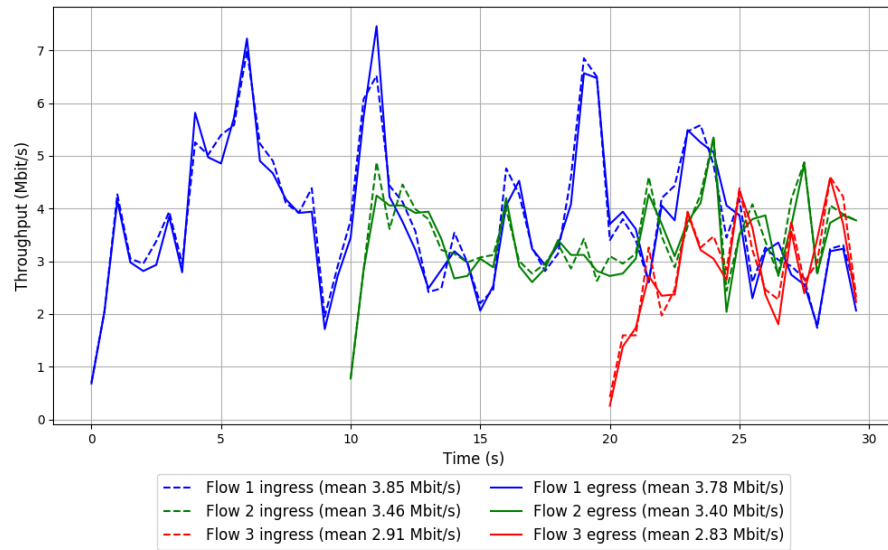


Run 10: Statistics of LEDBAT

Start at: 2018-03-27 18:36:13
End at: 2018-03-27 18:36:43
Local clock offset: 2.333 ms
Remote clock offset: -4.722 ms

Below is generated by plot.py at 2018-03-27 23:36:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.97 Mbit/s
95th percentile per-packet one-way delay: 45.276 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 45.253 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 45.311 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 45.252 ms
Loss rate: 3.38%

Run 10: Report of LEDBAT — Data Link

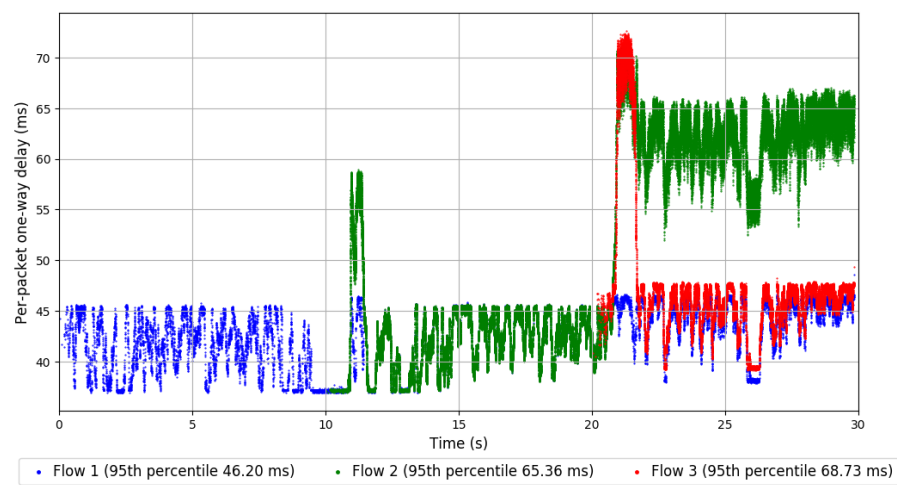
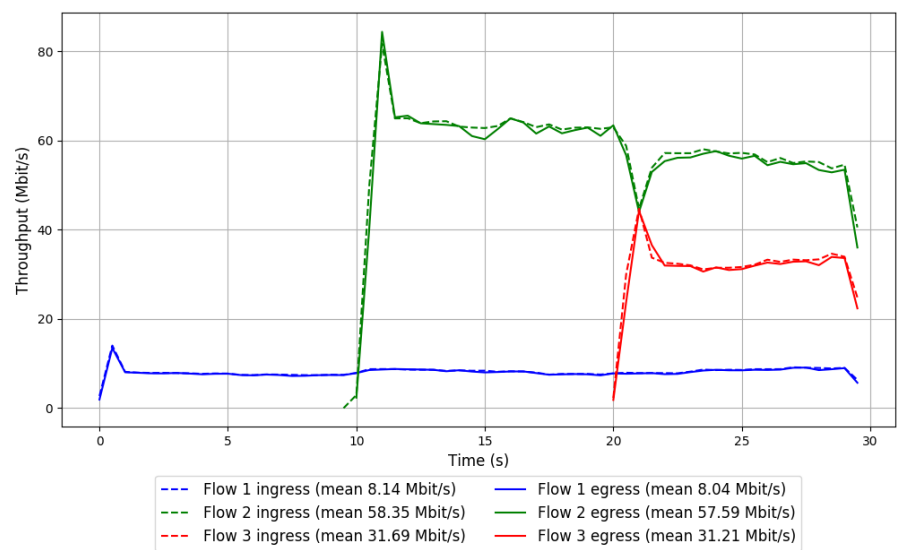


Run 1: Statistics of PCC

Start at: 2018-03-27 14:16:18
End at: 2018-03-27 14:16:48
Local clock offset: 4.486 ms
Remote clock offset: -1.114 ms

Below is generated by plot.py at 2018-03-27 23:37:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 65.340 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 46.204 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 57.59 Mbit/s
95th percentile per-packet one-way delay: 65.357 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 31.21 Mbit/s
95th percentile per-packet one-way delay: 68.734 ms
Loss rate: 2.21%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-03-27 14:43:25

End at: 2018-03-27 14:43:55

Local clock offset: 4.28 ms

Remote clock offset: 0.193 ms

Below is generated by plot.py at 2018-03-27 23:37:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 77.179 ms

Loss rate: 0.98%

-- Flow 1:

Average throughput: 56.89 Mbit/s

95th percentile per-packet one-way delay: 74.642 ms

Loss rate: 0.77%

-- Flow 2:

Average throughput: 31.92 Mbit/s

95th percentile per-packet one-way delay: 77.415 ms

Loss rate: 1.16%

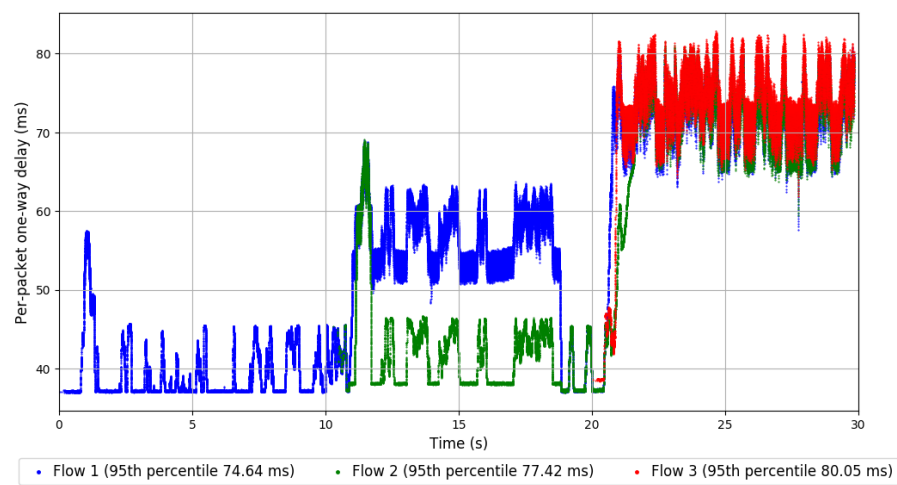
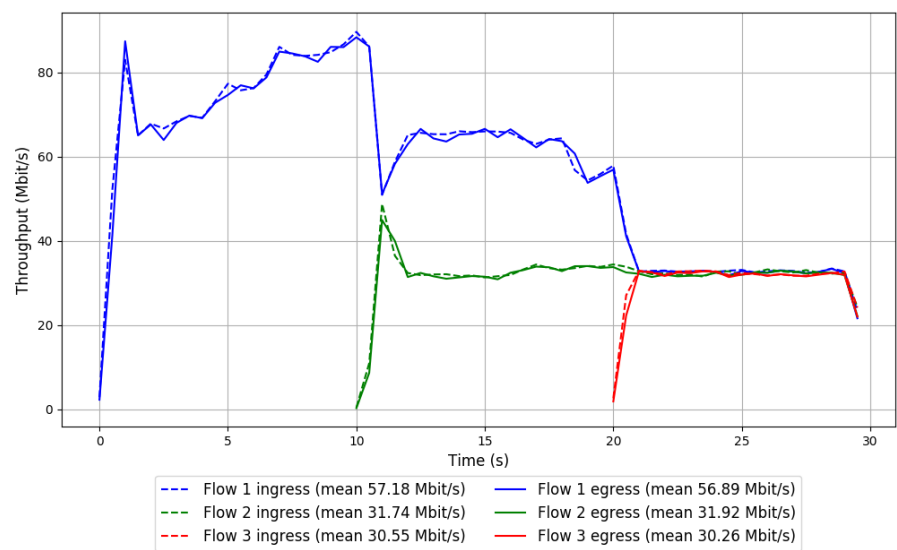
-- Flow 3:

Average throughput: 30.26 Mbit/s

95th percentile per-packet one-way delay: 80.047 ms

Loss rate: 1.81%

Run 2: Report of PCC — Data Link

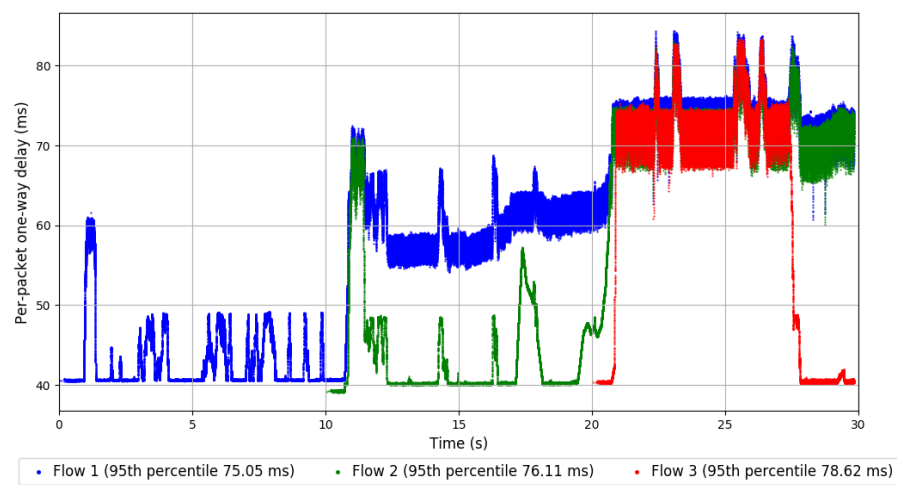
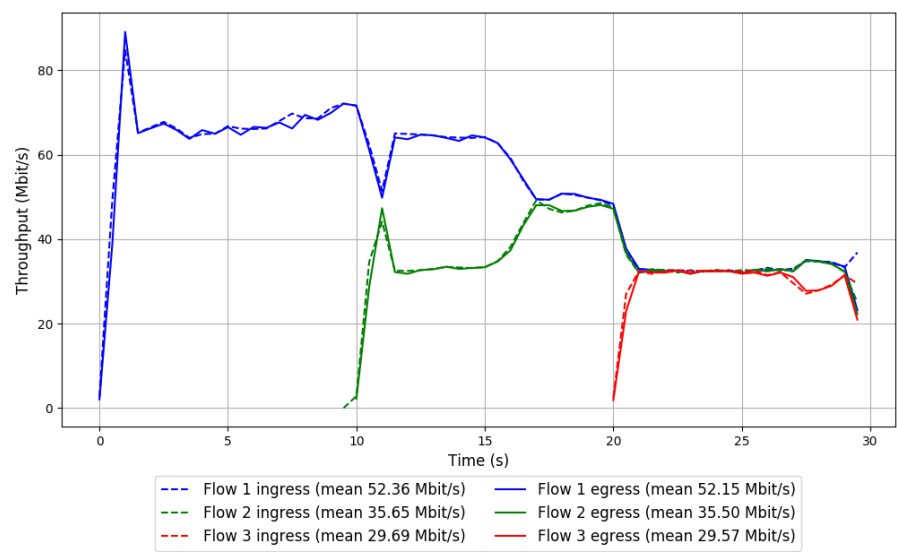


Run 3: Statistics of PCC

Start at: 2018-03-27 15:08:57
End at: 2018-03-27 15:09:27
Local clock offset: 0.794 ms
Remote clock offset: -2.218 ms

Below is generated by plot.py at 2018-03-27 23:37:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 75.523 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 52.15 Mbit/s
95th percentile per-packet one-way delay: 75.051 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 76.111 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 29.57 Mbit/s
95th percentile per-packet one-way delay: 78.622 ms
Loss rate: 2.21%

Run 3: Report of PCC — Data Link

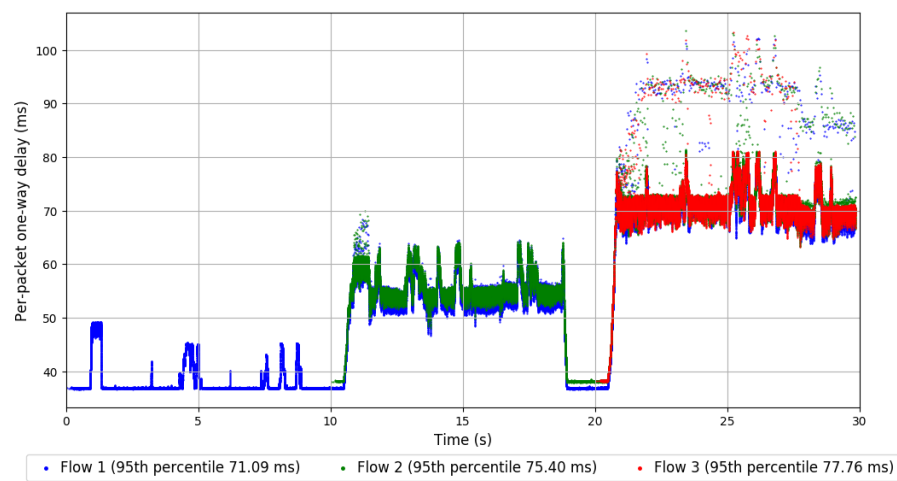
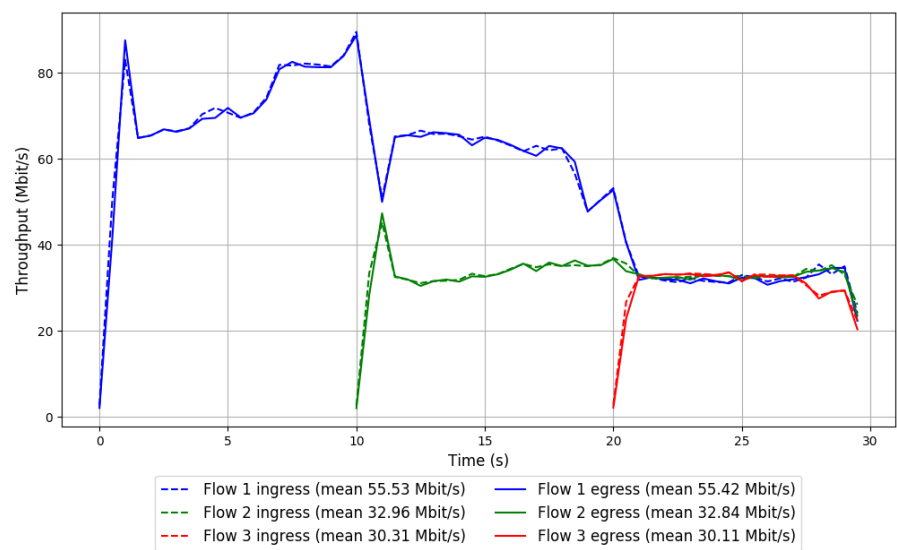


Run 4: Statistics of PCC

Start at: 2018-03-27 15:35:05
End at: 2018-03-27 15:35:35
Local clock offset: -1.794 ms
Remote clock offset: -0.921 ms

Below is generated by plot.py at 2018-03-27 23:37:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 73.569 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 55.42 Mbit/s
95th percentile per-packet one-way delay: 71.091 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 32.84 Mbit/s
95th percentile per-packet one-way delay: 75.398 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 77.758 ms
Loss rate: 1.35%

Run 4: Report of PCC — Data Link

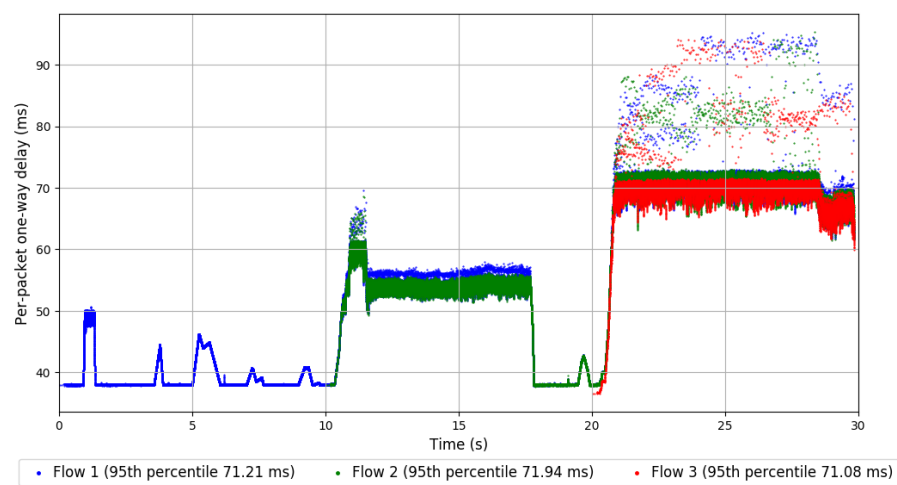
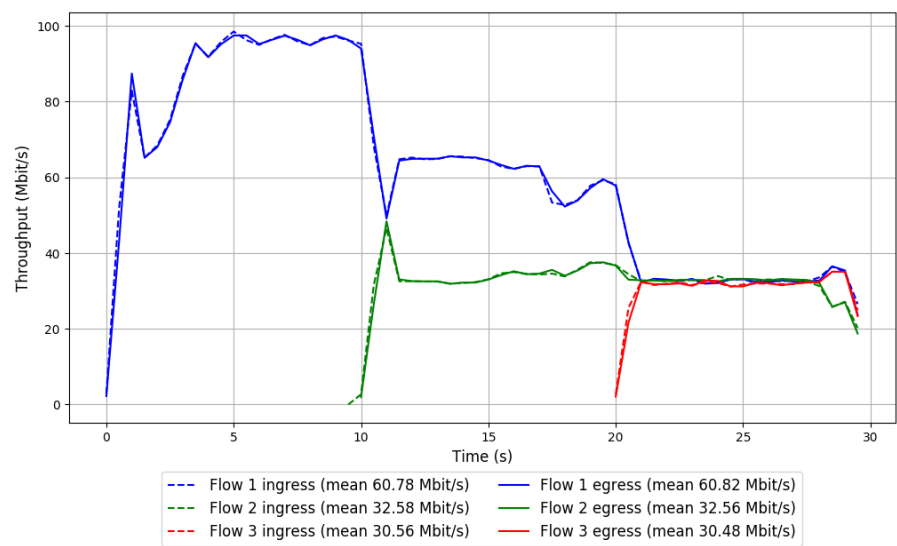


Run 5: Statistics of PCC

Start at: 2018-03-27 16:00:44
End at: 2018-03-27 16:01:14
Local clock offset: 0.811 ms
Remote clock offset: -5.569 ms

Below is generated by plot.py at 2018-03-27 23:37:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.46 Mbit/s
95th percentile per-packet one-way delay: 71.453 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 60.82 Mbit/s
95th percentile per-packet one-way delay: 71.206 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 32.56 Mbit/s
95th percentile per-packet one-way delay: 71.945 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 30.48 Mbit/s
95th percentile per-packet one-way delay: 71.085 ms
Loss rate: 0.98%

Run 5: Report of PCC — Data Link

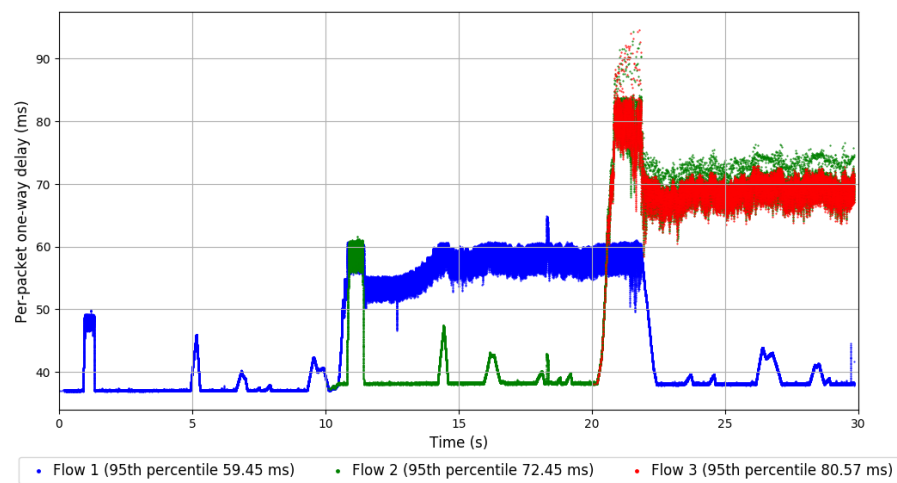
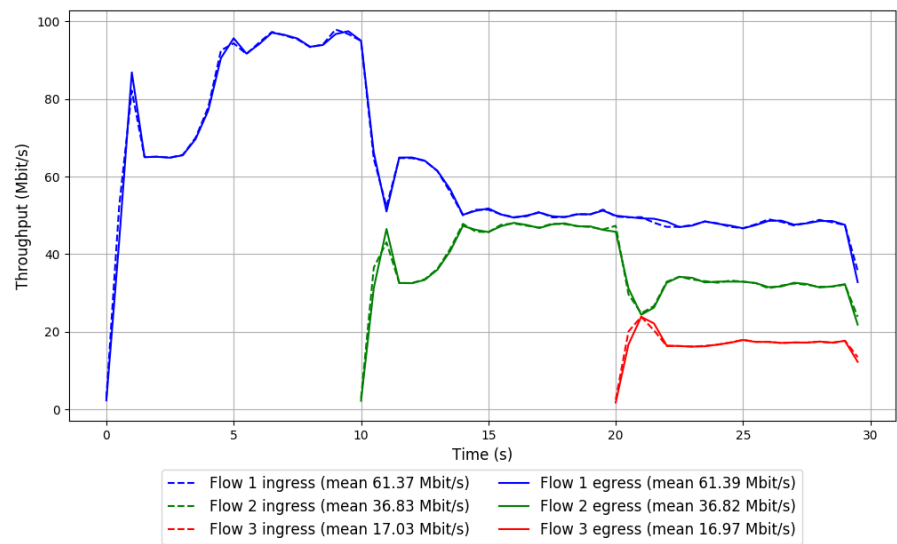


Run 6: Statistics of PCC

Start at: 2018-03-27 16:25:34
End at: 2018-03-27 16:26:04
Local clock offset: -0.188 ms
Remote clock offset: -1.513 ms

Below is generated by plot.py at 2018-03-27 23:37:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.42 Mbit/s
95th percentile per-packet one-way delay: 70.323 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 61.39 Mbit/s
95th percentile per-packet one-way delay: 59.452 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.82 Mbit/s
95th percentile per-packet one-way delay: 72.450 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 80.566 ms
Loss rate: 1.08%

Run 6: Report of PCC — Data Link

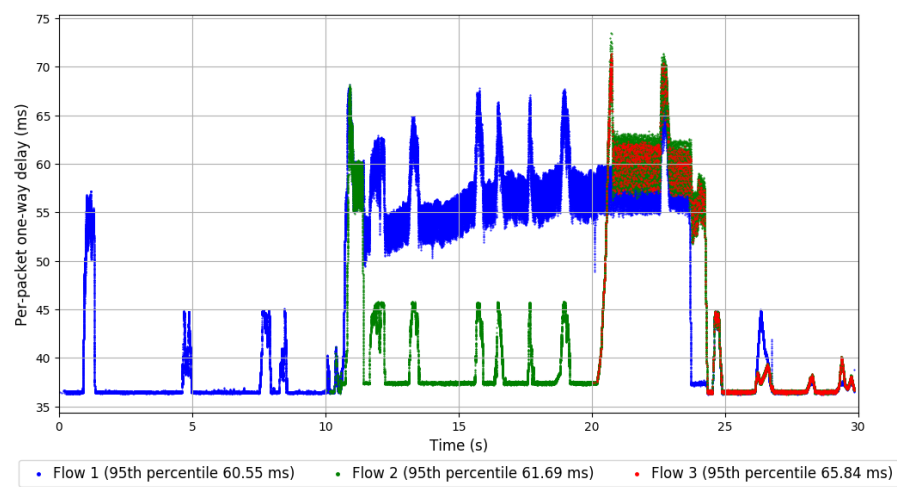
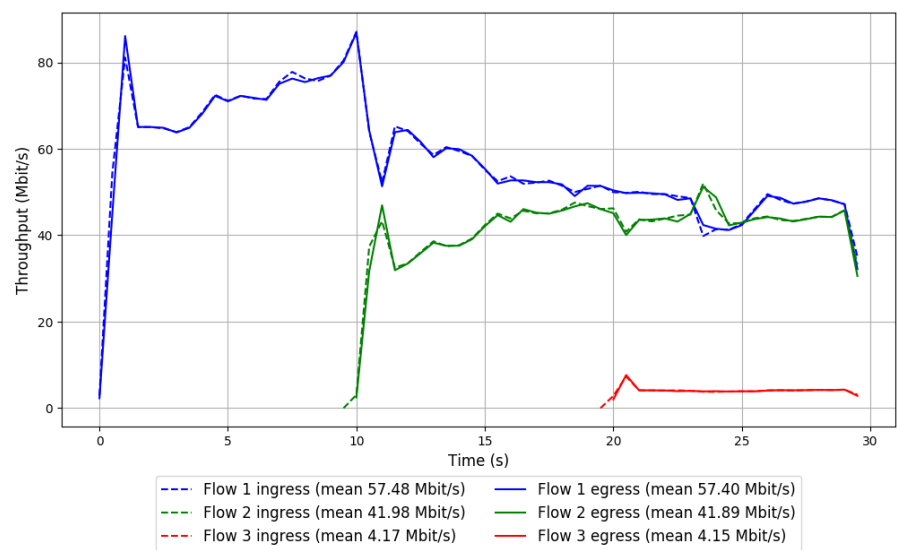


Run 7: Statistics of PCC

Start at: 2018-03-27 16:50:33
End at: 2018-03-27 16:51:03
Local clock offset: 0.351 ms
Remote clock offset: -1.107 ms

Below is generated by plot.py at 2018-03-27 23:38:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 61.324 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 57.40 Mbit/s
95th percentile per-packet one-way delay: 60.553 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 41.89 Mbit/s
95th percentile per-packet one-way delay: 61.685 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 65.836 ms
Loss rate: 0.97%

Run 7: Report of PCC — Data Link

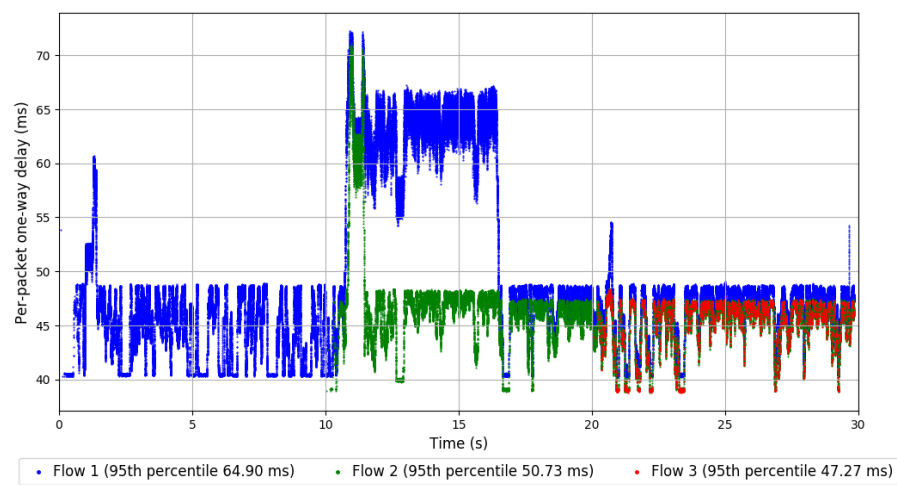
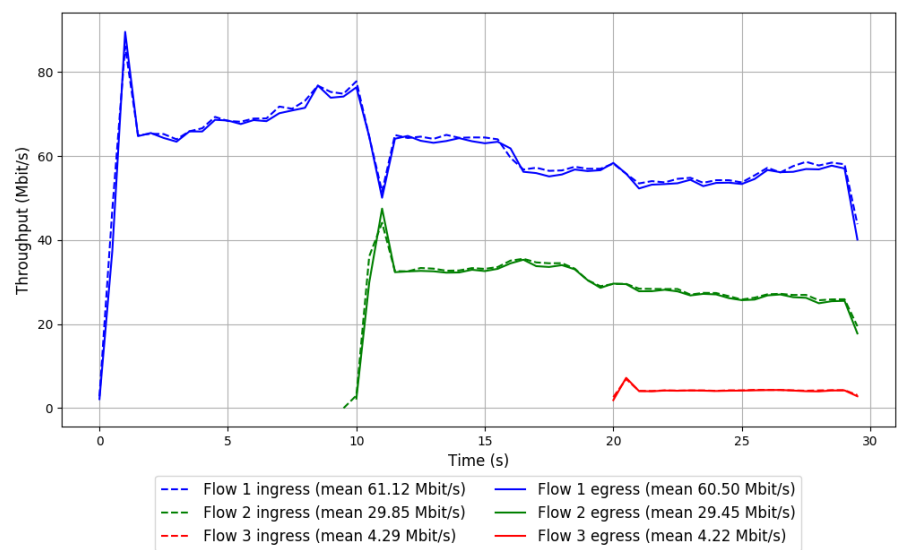


Run 8: Statistics of PCC

Start at: 2018-03-27 17:19:52
End at: 2018-03-27 17:20:22
Local clock offset: 1.583 ms
Remote clock offset: -6.044 ms

Below is generated by plot.py at 2018-03-27 23:38:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.46 Mbit/s
95th percentile per-packet one-way delay: 64.540 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 60.50 Mbit/s
95th percentile per-packet one-way delay: 64.897 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 29.45 Mbit/s
95th percentile per-packet one-way delay: 50.731 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 4.22 Mbit/s
95th percentile per-packet one-way delay: 47.271 ms
Loss rate: 2.18%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-03-27 17:46:48

End at: 2018-03-27 17:47:18

Local clock offset: 3.102 ms

Remote clock offset: -8.66 ms

Below is generated by plot.py at 2018-03-27 23:38:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.61 Mbit/s

95th percentile per-packet one-way delay: 66.155 ms

Loss rate: 0.93%

-- Flow 1:

Average throughput: 63.05 Mbit/s

95th percentile per-packet one-way delay: 67.004 ms

Loss rate: 0.70%

-- Flow 2:

Average throughput: 35.65 Mbit/s

95th percentile per-packet one-way delay: 53.005 ms

Loss rate: 1.45%

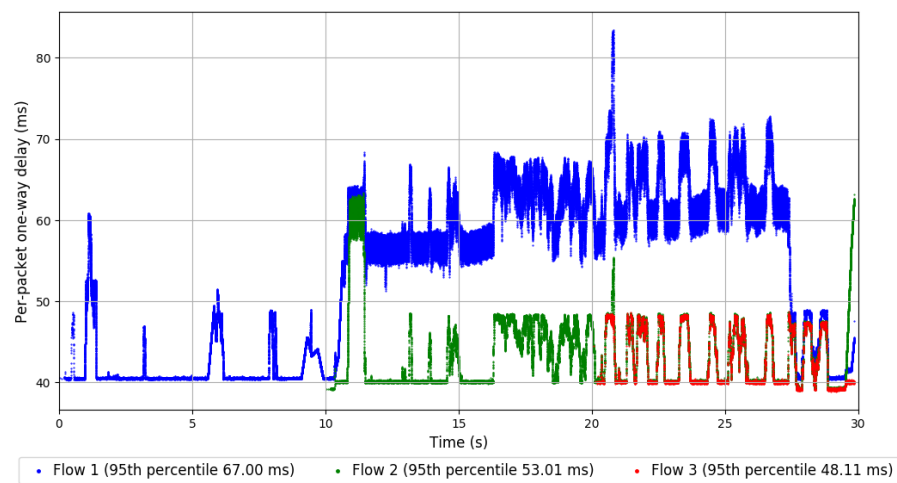
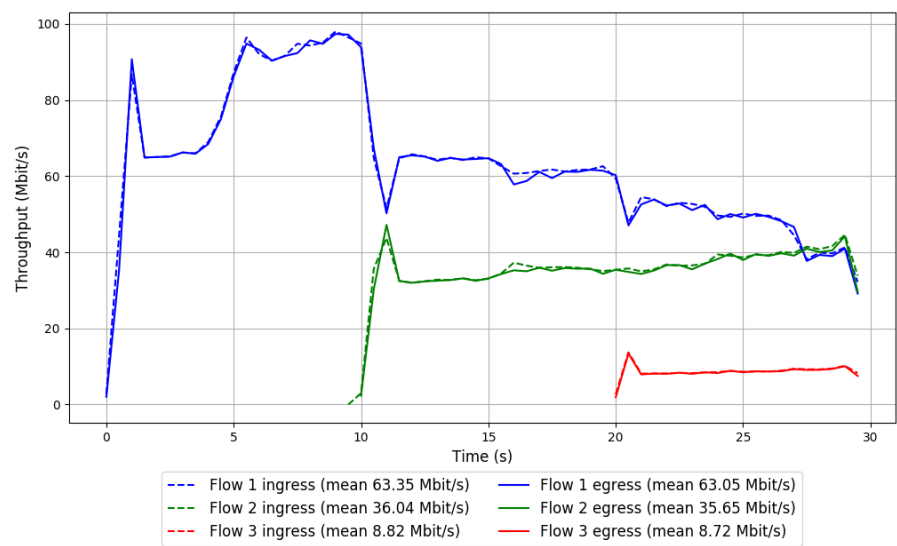
-- Flow 3:

Average throughput: 8.72 Mbit/s

95th percentile per-packet one-way delay: 48.108 ms

Loss rate: 1.87%

Run 9: Report of PCC — Data Link

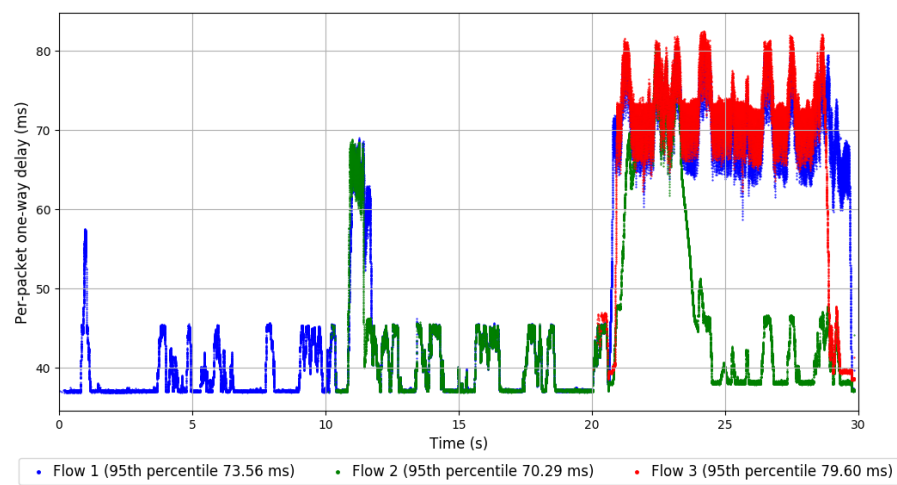
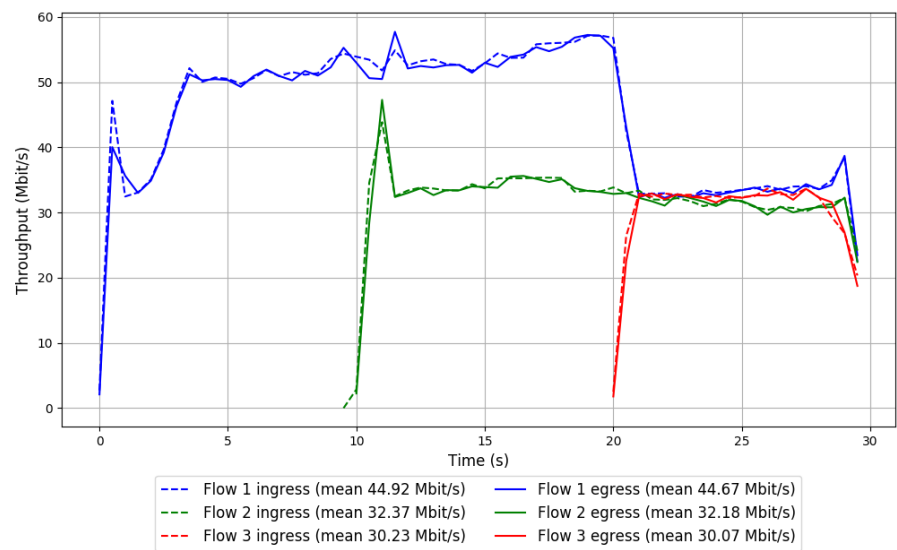


Run 10: Statistics of PCC

Start at: 2018-03-27 18:12:18
End at: 2018-03-27 18:12:48
Local clock offset: 2.003 ms
Remote clock offset: -3.728 ms

Below is generated by plot.py at 2018-03-27 23:38:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 75.446 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 44.67 Mbit/s
95th percentile per-packet one-way delay: 73.558 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 70.291 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 30.07 Mbit/s
95th percentile per-packet one-way delay: 79.600 ms
Loss rate: 1.20%

Run 10: Report of PCC — Data Link

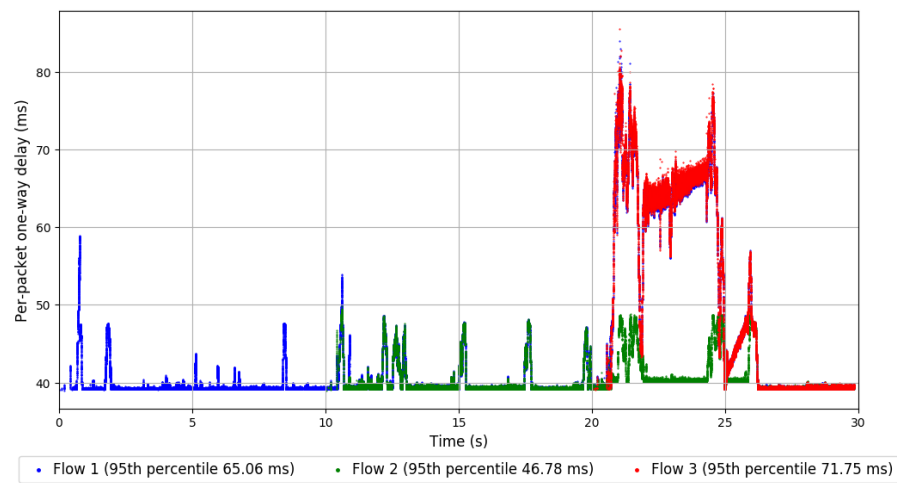
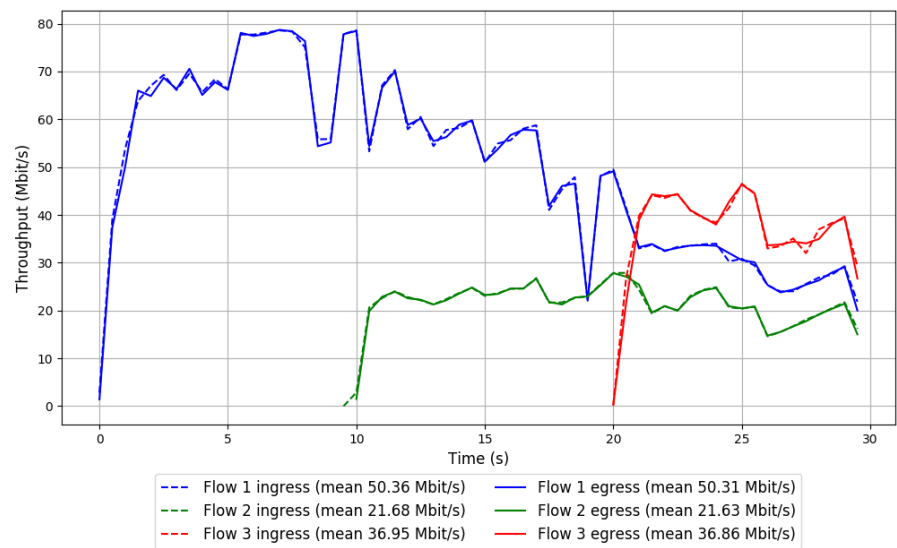


Run 1: Statistics of QUIC Cubic

Start at: 2018-03-27 14:32:16
End at: 2018-03-27 14:32:46
Local clock offset: 4.321 ms
Remote clock offset: -2.506 ms

Below is generated by plot.py at 2018-03-27 23:39:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.78 Mbit/s
95th percentile per-packet one-way delay: 66.292 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 65.057 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 21.63 Mbit/s
95th percentile per-packet one-way delay: 46.779 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 36.86 Mbit/s
95th percentile per-packet one-way delay: 71.749 ms
Loss rate: 0.93%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-27 14:57:52

End at: 2018-03-27 14:58:22

Local clock offset: 4.446 ms

Remote clock offset: 1.422 ms

Below is generated by plot.py at 2018-03-27 23:39:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 55.32 Mbit/s

95th percentile per-packet one-way delay: 59.028 ms

Loss rate: 1.06%

-- Flow 1:

Average throughput: 33.17 Mbit/s

95th percentile per-packet one-way delay: 57.742 ms

Loss rate: 1.07%

-- Flow 2:

Average throughput: 14.52 Mbit/s

95th percentile per-packet one-way delay: 44.725 ms

Loss rate: 0.95%

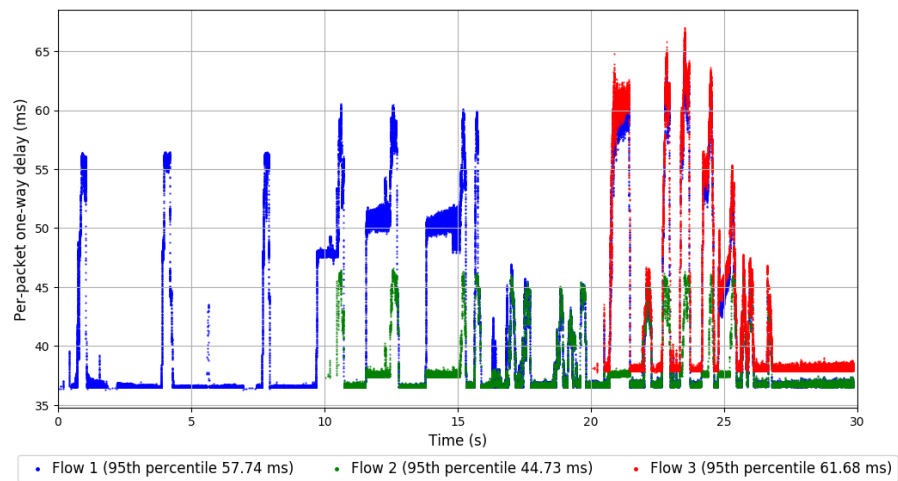
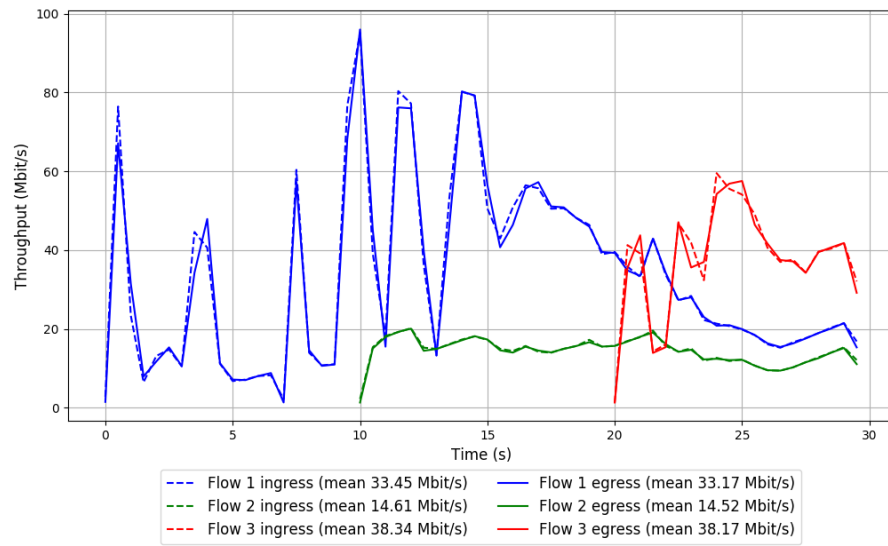
-- Flow 3:

Average throughput: 38.17 Mbit/s

95th percentile per-packet one-way delay: 61.681 ms

Loss rate: 1.12%

Run 2: Report of QUIC Cubic — Data Link

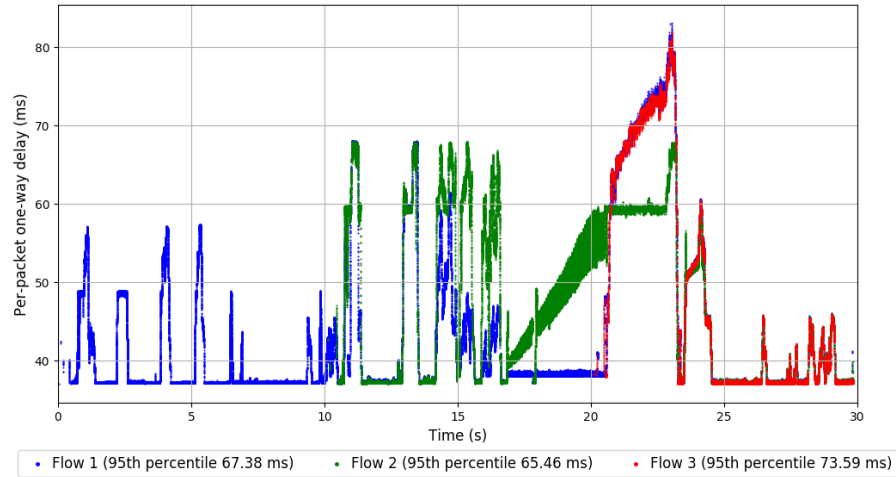
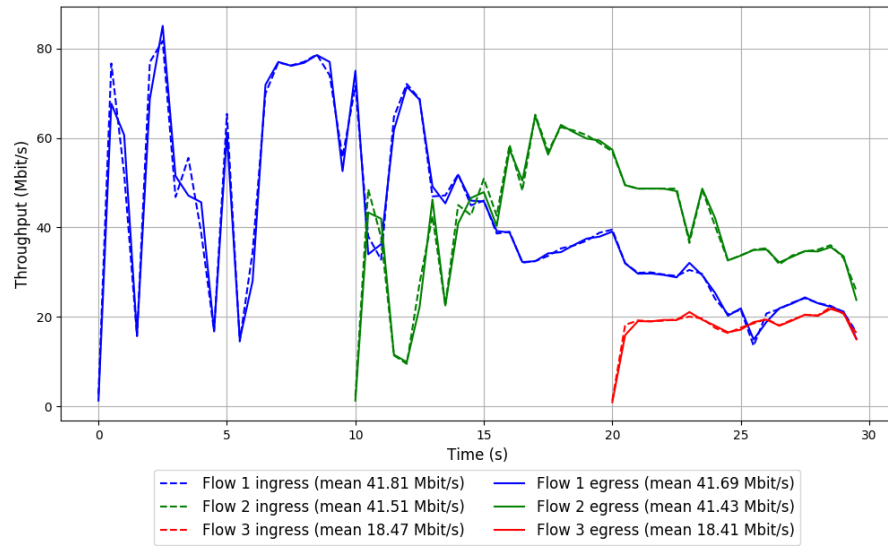


Run 3: Statistics of QUIC Cubic

Start at: 2018-03-27 15:23:26
End at: 2018-03-27 15:23:56
Local clock offset: -1.377 ms
Remote clock offset: -1.006 ms

Below is generated by plot.py at 2018-03-27 23:39:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.24 Mbit/s
95th percentile per-packet one-way delay: 67.238 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 67.384 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 41.43 Mbit/s
95th percentile per-packet one-way delay: 65.460 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 18.41 Mbit/s
95th percentile per-packet one-way delay: 73.594 ms
Loss rate: 1.00%

Run 3: Report of QUIC Cubic — Data Link

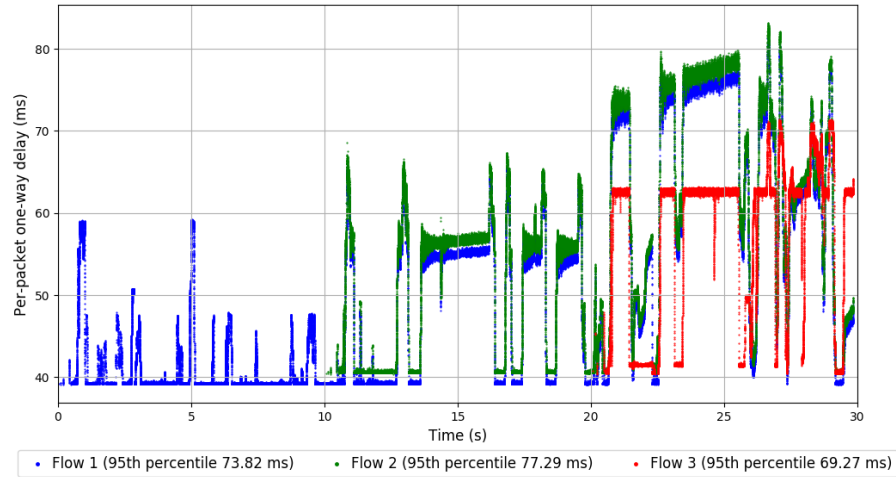
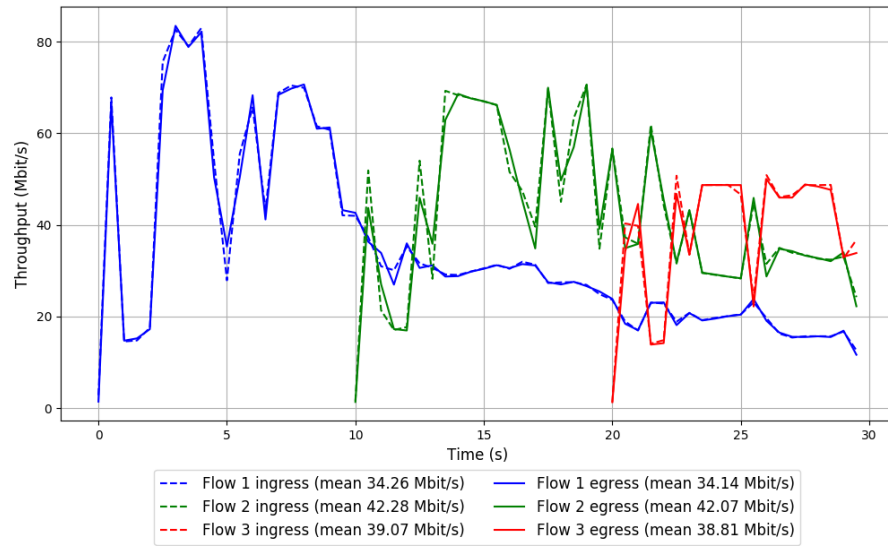


Run 4: Statistics of QUIC Cubic

Start at: 2018-03-27 15:49:38
End at: 2018-03-27 15:50:08
Local clock offset: 0.458 ms
Remote clock offset: -6.924 ms

Below is generated by plot.py at 2018-03-27 23:39:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.79 Mbit/s
95th percentile per-packet one-way delay: 75.384 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 34.14 Mbit/s
95th percentile per-packet one-way delay: 73.818 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 42.07 Mbit/s
95th percentile per-packet one-way delay: 77.286 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 69.273 ms
Loss rate: 1.43%

Run 4: Report of QUIC Cubic — Data Link

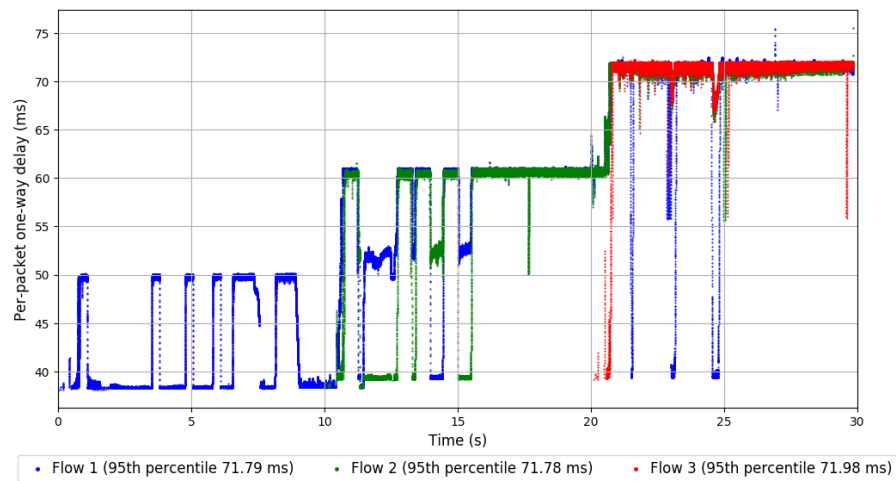
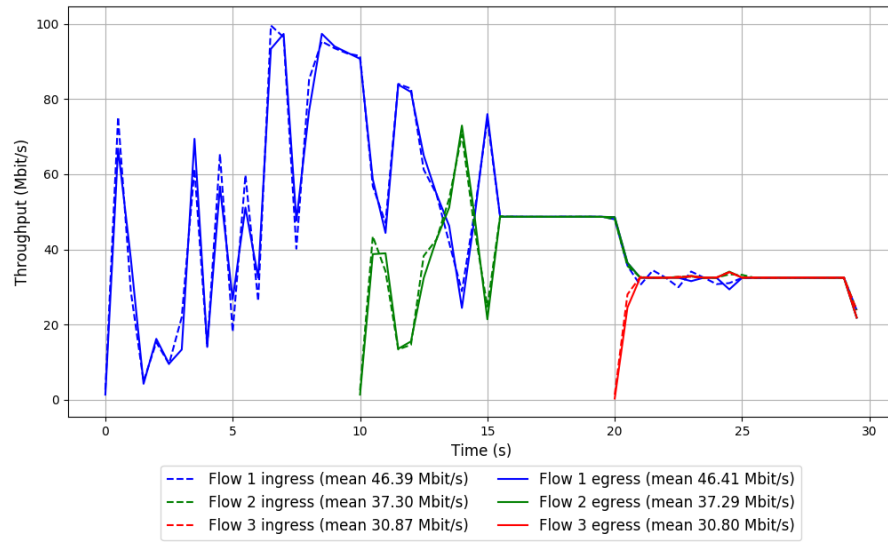


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-27 16:14:37
End at: 2018-03-27 16:15:07
Local clock offset: 0.374 ms
Remote clock offset: -3.866 ms

Below is generated by plot.py at 2018-03-27 23:39:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.25 Mbit/s
95th percentile per-packet one-way delay: 71.871 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 46.41 Mbit/s
95th percentile per-packet one-way delay: 71.792 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 37.29 Mbit/s
95th percentile per-packet one-way delay: 71.781 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 30.80 Mbit/s
95th percentile per-packet one-way delay: 71.977 ms
Loss rate: 1.08%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-27 16:39:38

End at: 2018-03-27 16:40:08

Local clock offset: -0.402 ms

Remote clock offset: 0.19 ms

Below is generated by plot.py at 2018-03-27 23:39:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.60 Mbit/s

95th percentile per-packet one-way delay: 48.395 ms

Loss rate: 0.55%

-- Flow 1:

Average throughput: 46.15 Mbit/s

95th percentile per-packet one-way delay: 51.030 ms

Loss rate: 0.48%

-- Flow 2:

Average throughput: 29.92 Mbit/s

95th percentile per-packet one-way delay: 45.806 ms

Loss rate: 0.56%

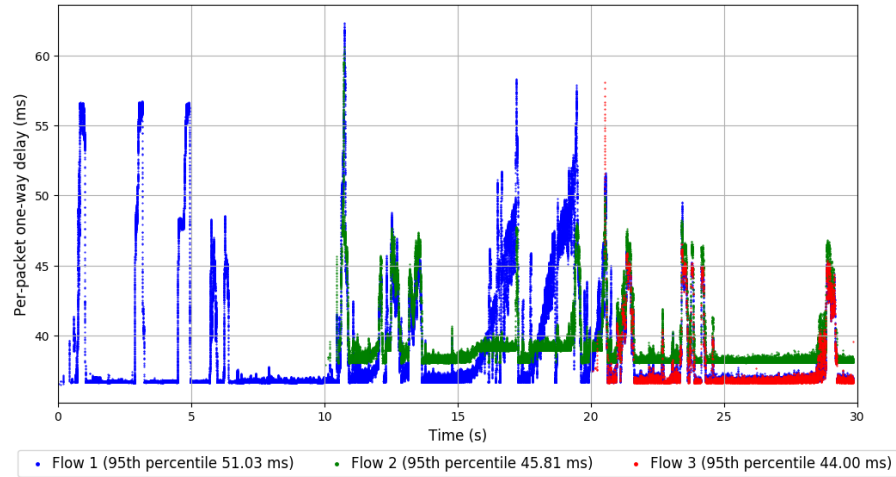
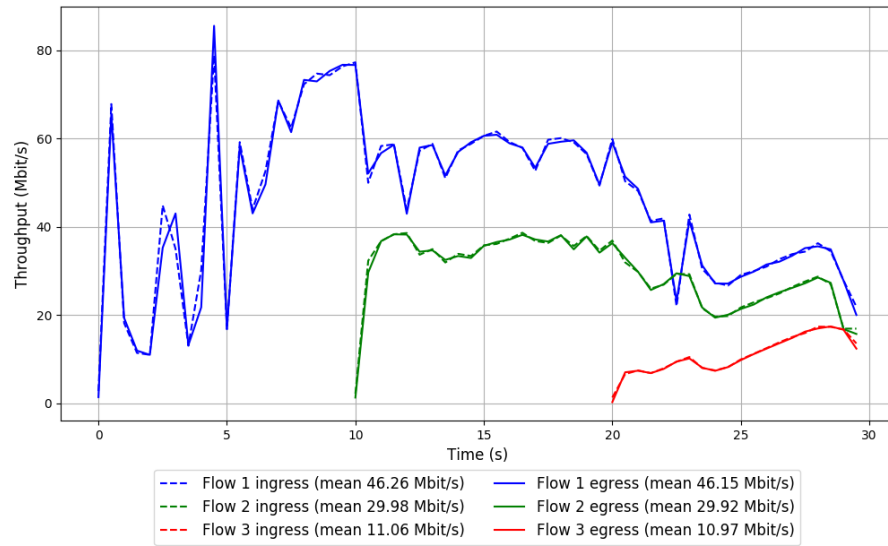
-- Flow 3:

Average throughput: 10.97 Mbit/s

95th percentile per-packet one-way delay: 43.999 ms

Loss rate: 1.46%

Run 6: Report of QUIC Cubic — Data Link

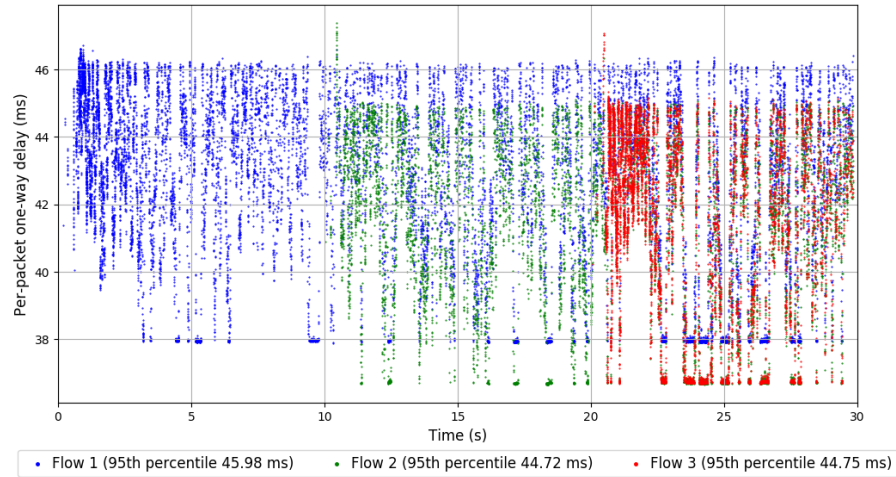
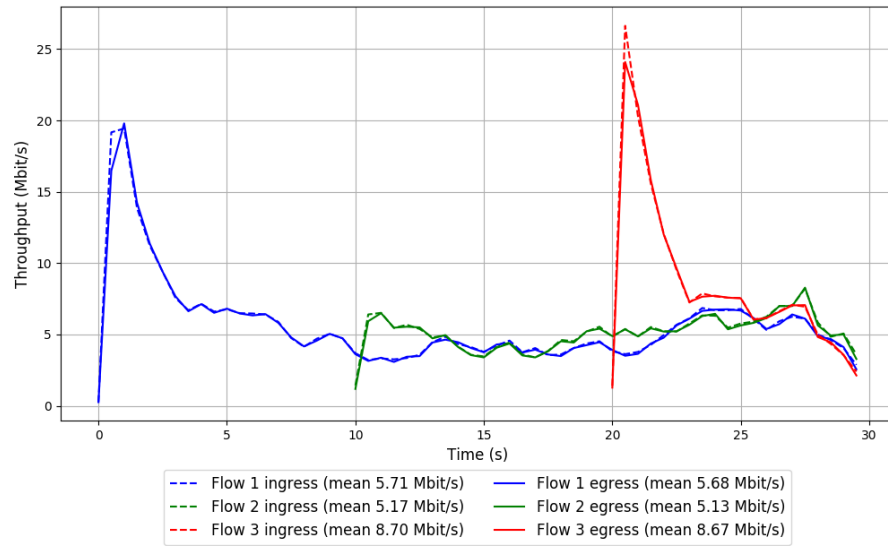


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-27 17:07:18
End at: 2018-03-27 17:07:48
Local clock offset: 0.942 ms
Remote clock offset: -2.716 ms

Below is generated by plot.py at 2018-03-27 23:39:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.97 Mbit/s
95th percentile per-packet one-way delay: 45.739 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 45.985 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 5.13 Mbit/s
95th percentile per-packet one-way delay: 44.721 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 8.67 Mbit/s
95th percentile per-packet one-way delay: 44.750 ms
Loss rate: 1.16%

Run 7: Report of QUIC Cubic — Data Link

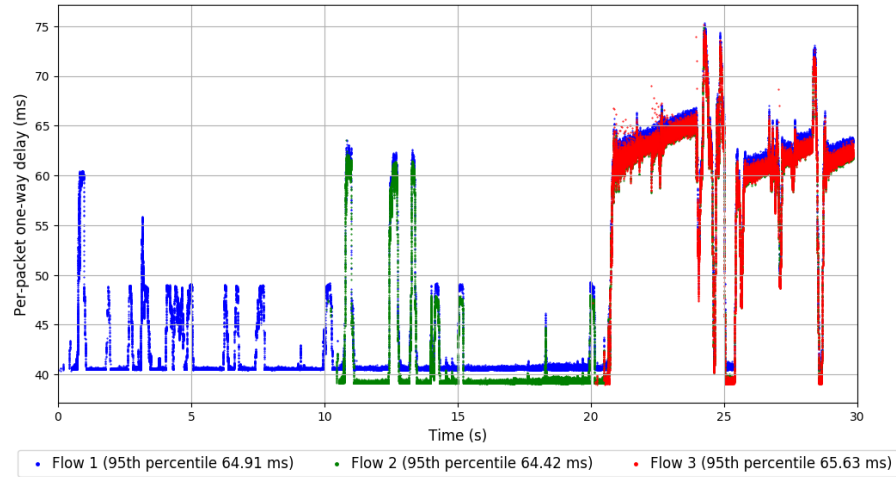
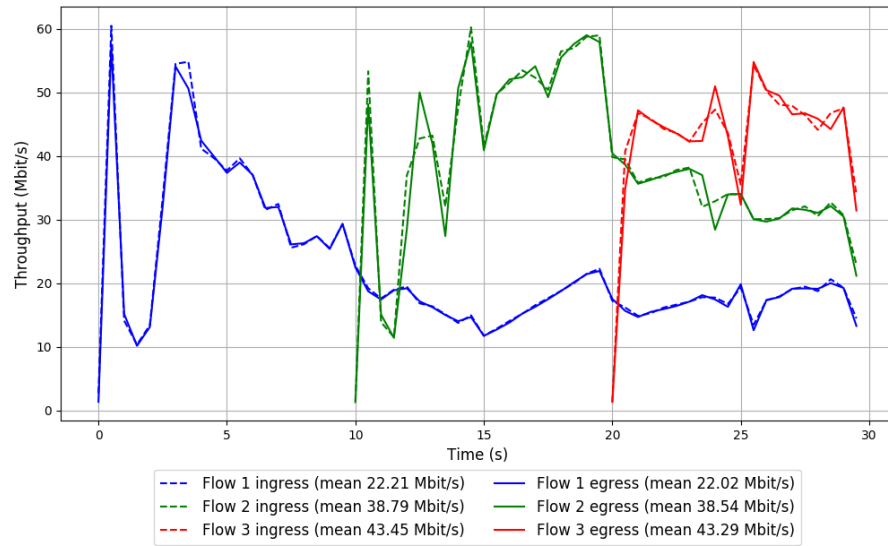


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-27 17:35:35
End at: 2018-03-27 17:36:05
Local clock offset: 2.705 ms
Remote clock offset: -7.923 ms

Below is generated by plot.py at 2018-03-27 23:40:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.78 Mbit/s
95th percentile per-packet one-way delay: 64.875 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 64.906 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 38.54 Mbit/s
95th percentile per-packet one-way delay: 64.423 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: 65.634 ms
Loss rate: 1.22%

Run 8: Report of QUIC Cubic — Data Link

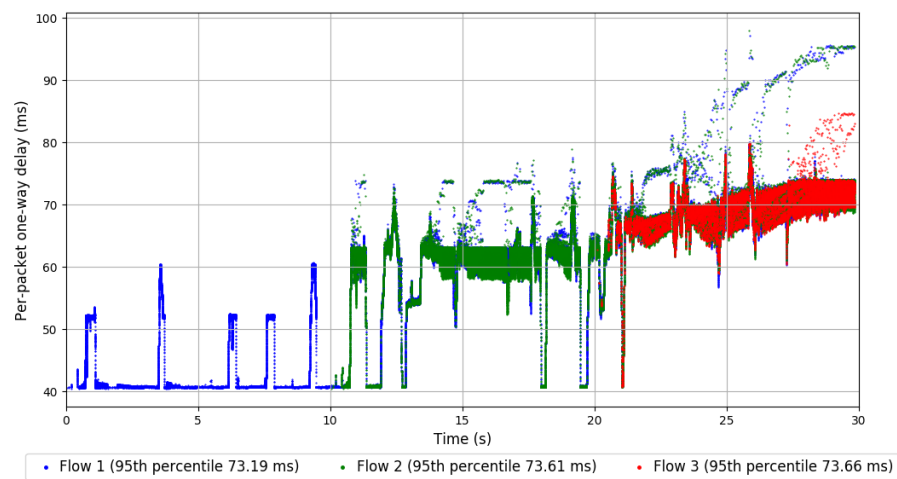
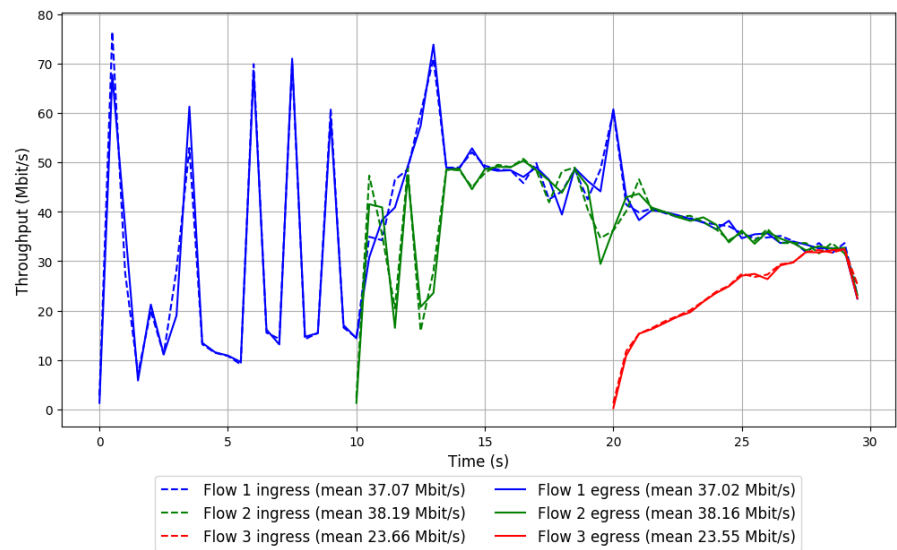


Run 9: Statistics of QUIC Cubic

Start at: 2018-03-27 18:01:13
End at: 2018-03-27 18:01:43
Local clock offset: 2.33 ms
Remote clock offset: -6.836 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.04 Mbit/s
95th percentile per-packet one-way delay: 73.499 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 37.02 Mbit/s
95th percentile per-packet one-way delay: 73.189 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 38.16 Mbit/s
95th percentile per-packet one-way delay: 73.613 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 73.660 ms
Loss rate: 1.53%

Run 9: Report of QUIC Cubic — Data Link

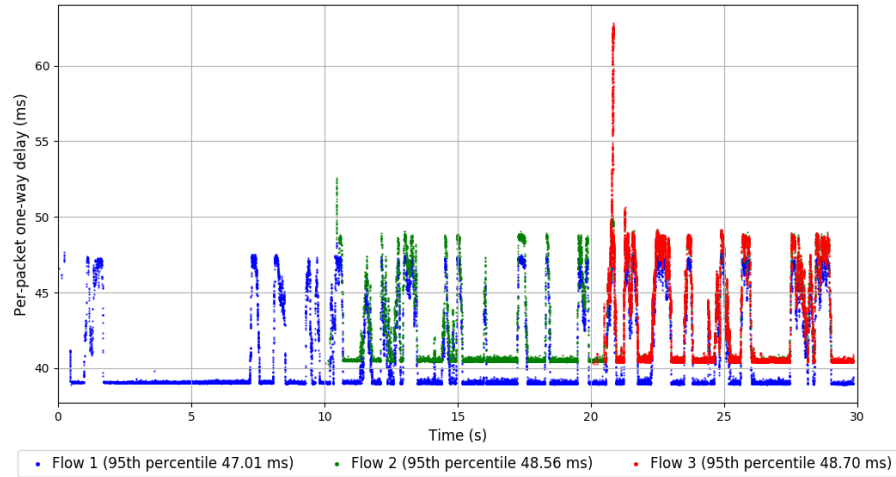
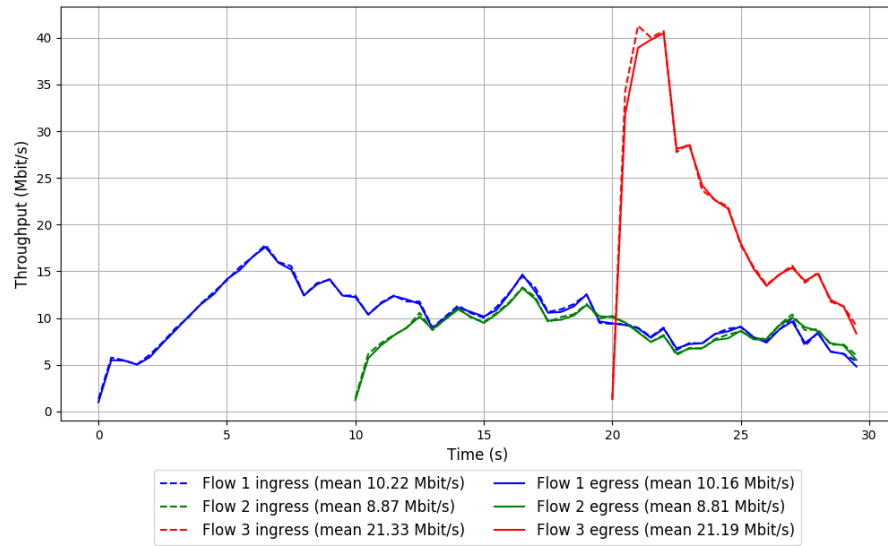


Run 10: Statistics of QUIC Cubic

Start at: 2018-03-27 18:27:26
End at: 2018-03-27 18:27:56
Local clock offset: 2.063 ms
Remote clock offset: -5.583 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.97 Mbit/s
95th percentile per-packet one-way delay: 48.428 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 10.16 Mbit/s
95th percentile per-packet one-way delay: 47.006 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 48.556 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 21.19 Mbit/s
95th percentile per-packet one-way delay: 48.699 ms
Loss rate: 1.36%

Run 10: Report of QUIC Cubic — Data Link

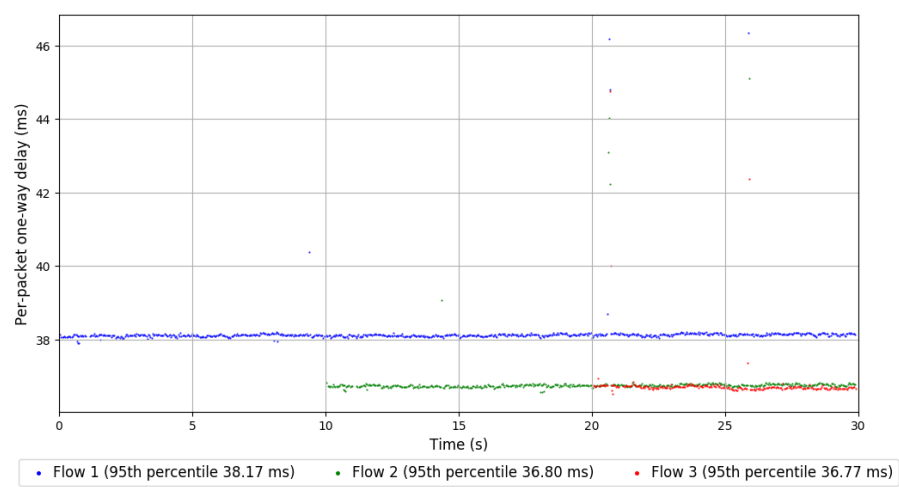
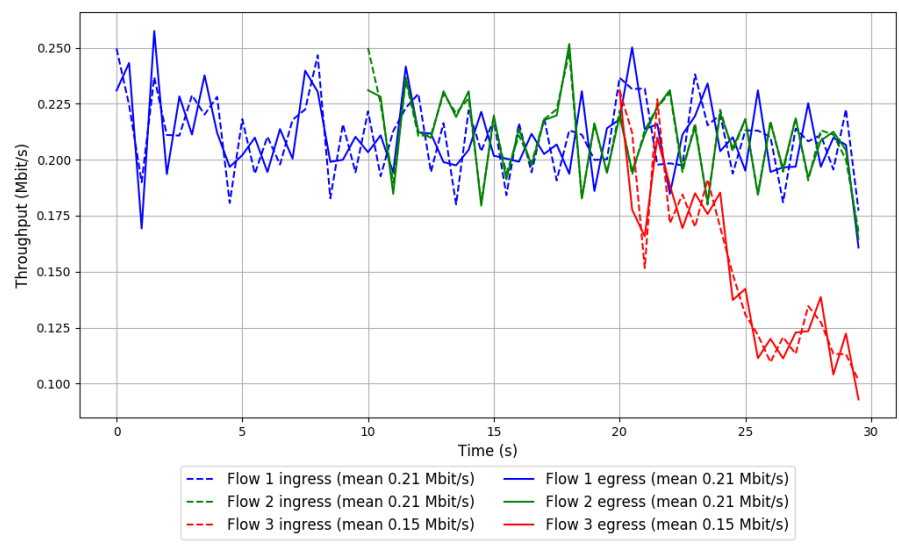


```
Run 1: Statistics of SReAM

Start at: 2018-03-27 14:35:12
End at: 2018-03-27 14:35:42
Local clock offset: 4.218 ms
Remote clock offset: 0.176 ms

# Below is generated by plot.py at 2018-03-27 23:40:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 38.166 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 38.174 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.800 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 36.767 ms
Loss rate: 0.94%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: 2018-03-27 15:00:46

End at: 2018-03-27 15:01:16

Local clock offset: 3.893 ms

Remote clock offset: 1.506 ms

Below is generated by plot.py at 2018-03-27 23:40:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 38.738 ms

Loss rate: 0.44%

-- Flow 1:

Average throughput: 0.18 Mbit/s

95th percentile per-packet one-way delay: 37.311 ms

Loss rate: 0.49%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 38.770 ms

Loss rate: 0.20%

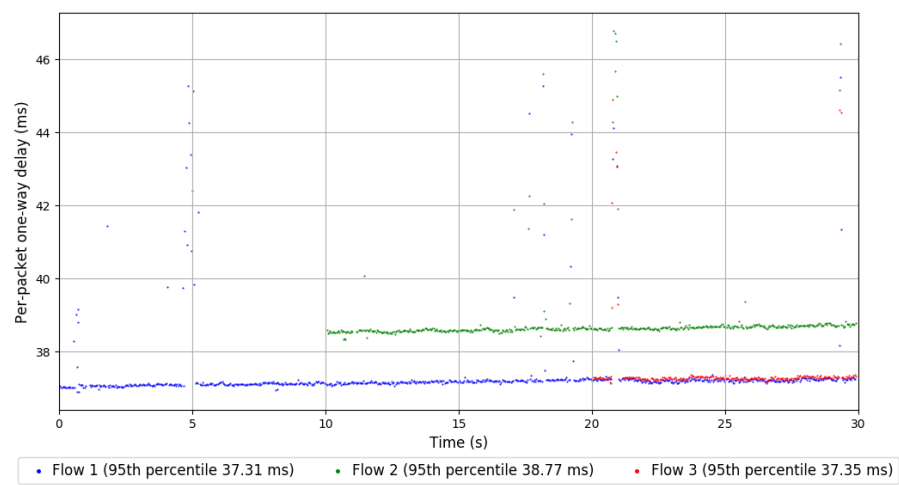
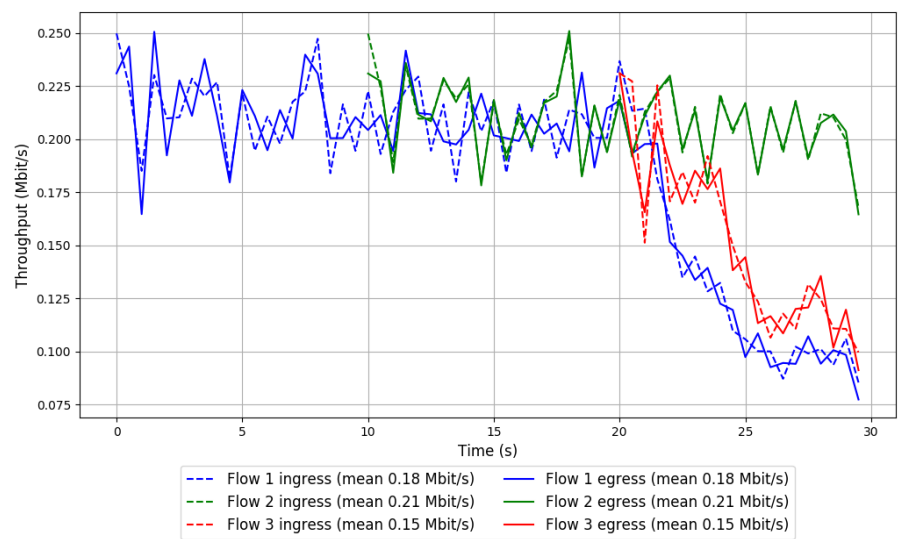
-- Flow 3:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 37.349 ms

Loss rate: 0.90%

Run 2: Report of SReAM — Data Link

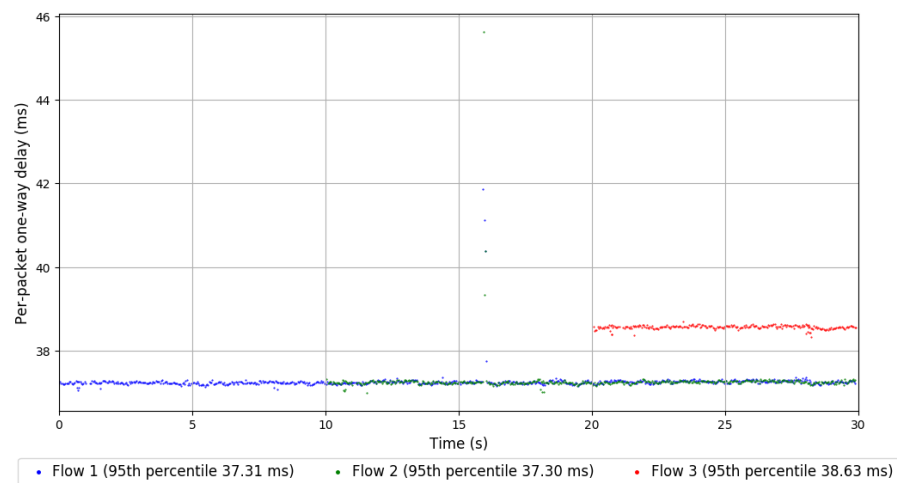
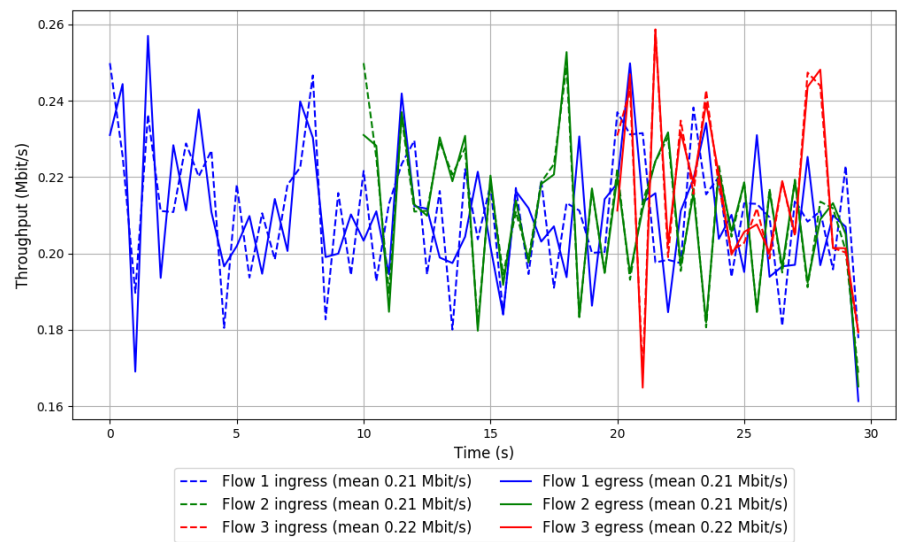


Run 3: Statistics of SReAM

Start at: 2018-03-27 15:26:13
End at: 2018-03-27 15:26:43
Local clock offset: -1.531 ms
Remote clock offset: -0.989 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 38.595 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 37.309 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 37.305 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.626 ms
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link

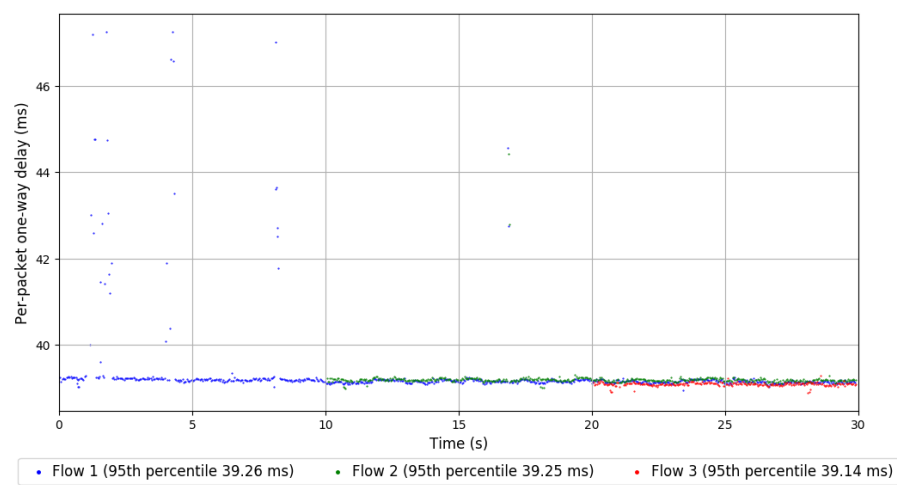
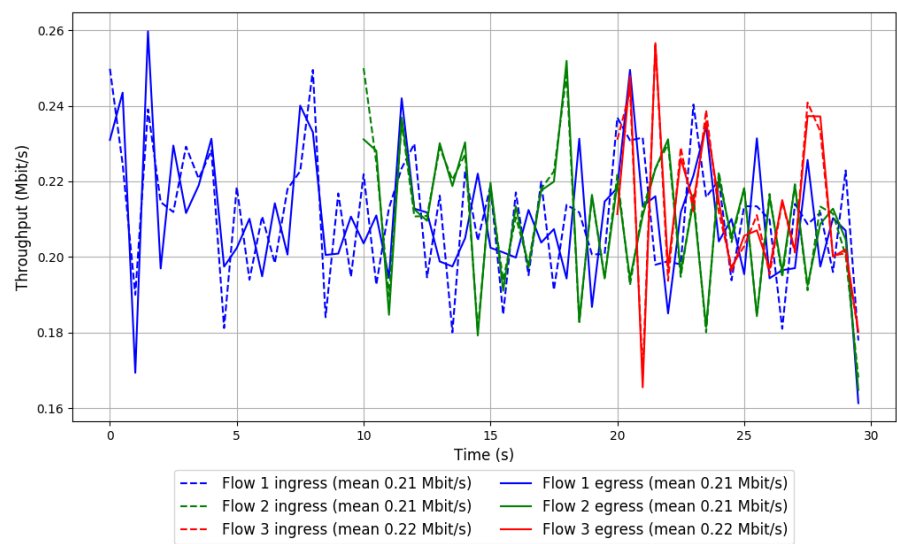


Run 4: Statistics of SReAM

Start at: 2018-03-27 15:52:30
End at: 2018-03-27 15:53:00
Local clock offset: 0.628 ms
Remote clock offset: -7.295 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 39.248 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 39.261 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 39.246 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 39.143 ms
Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

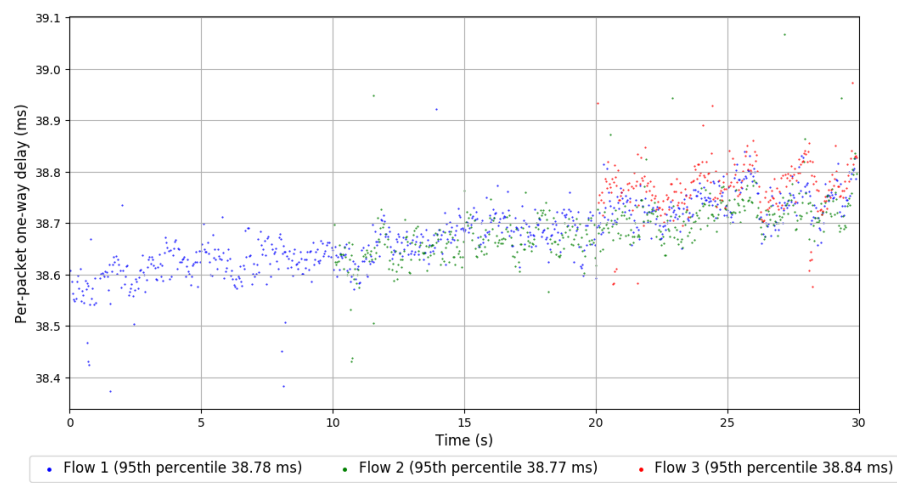
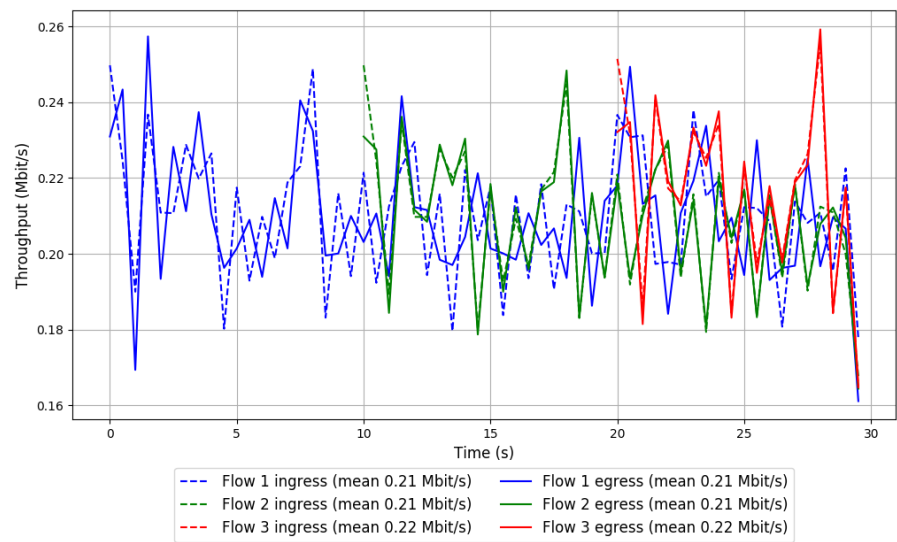


Run 5: Statistics of SReAM

Start at: 2018-03-27 16:17:23
End at: 2018-03-27 16:17:53
Local clock offset: 0.098 ms
Remote clock offset: -3.266 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 38.805 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 38.780 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 38.766 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 38.840 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

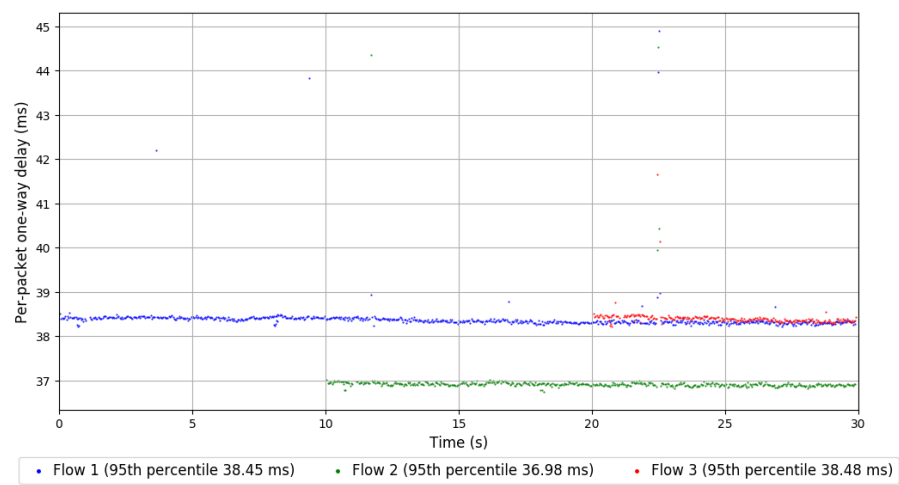
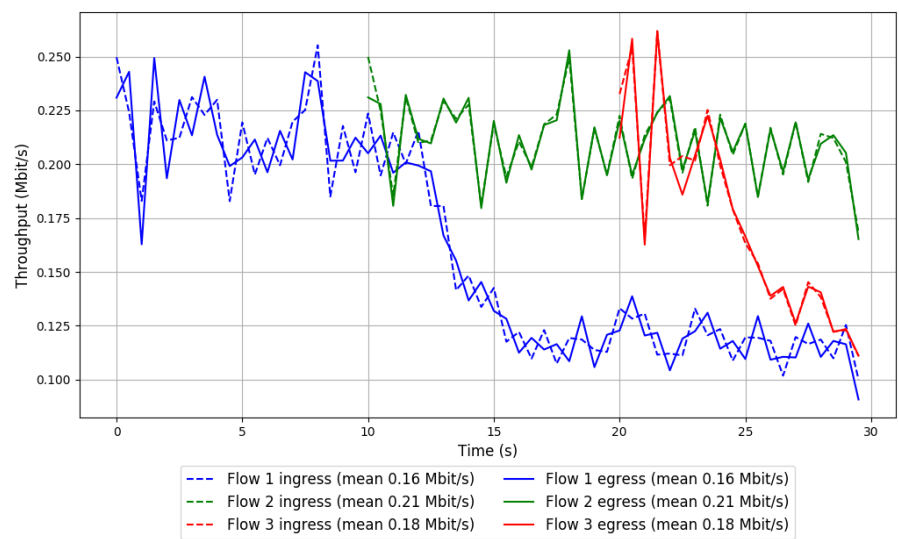


Run 6: Statistics of SReAM

Start at: 2018-03-27 16:42:25
End at: 2018-03-27 16:42:55
Local clock offset: -0.411 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 38.450 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 38.447 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 36.977 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 38.478 ms
Loss rate: 0.74%

Run 6: Report of SReAM — Data Link

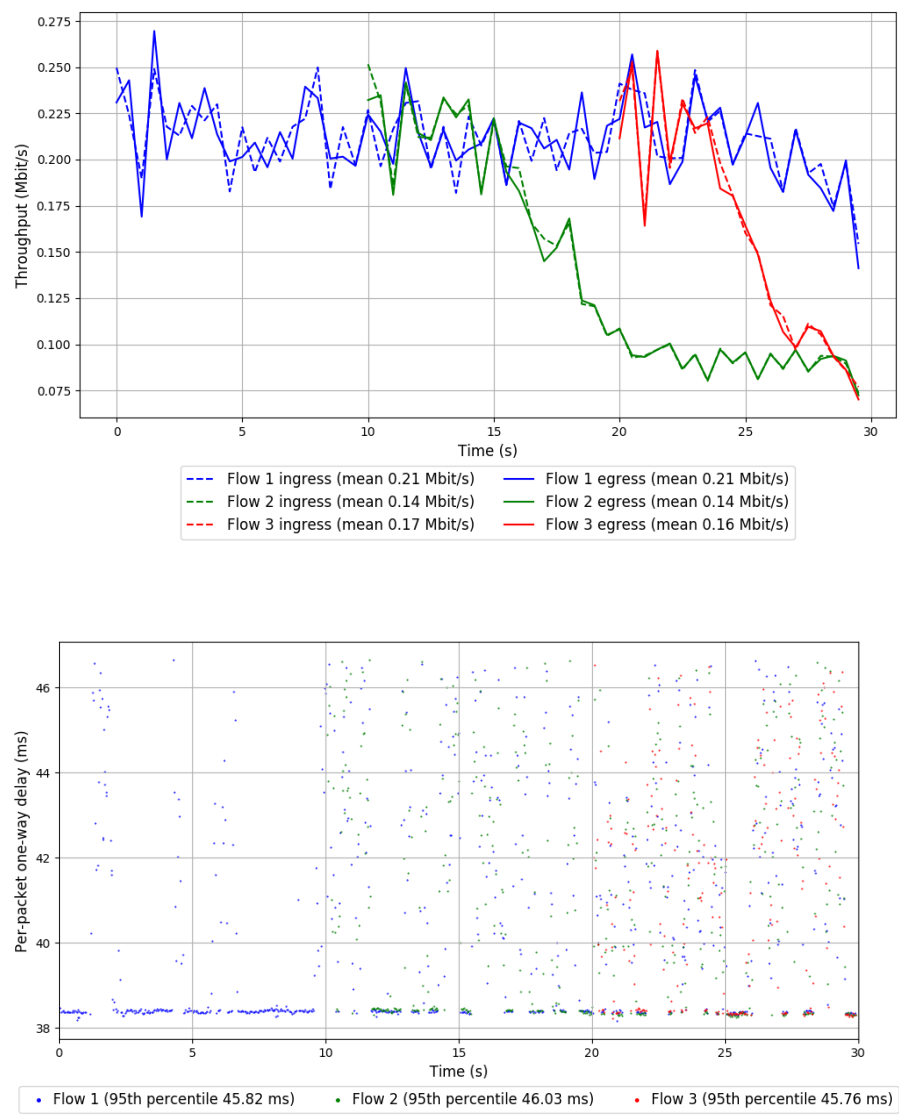


Run 7: Statistics of SReAM

Start at: 2018-03-27 17:10:41
End at: 2018-03-27 17:11:11
Local clock offset: 0.912 ms
Remote clock offset: -3.354 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 45.900 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 45.819 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 46.029 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 45.763 ms
Loss rate: 1.28%

Run 7: Report of SReAM — Data Link

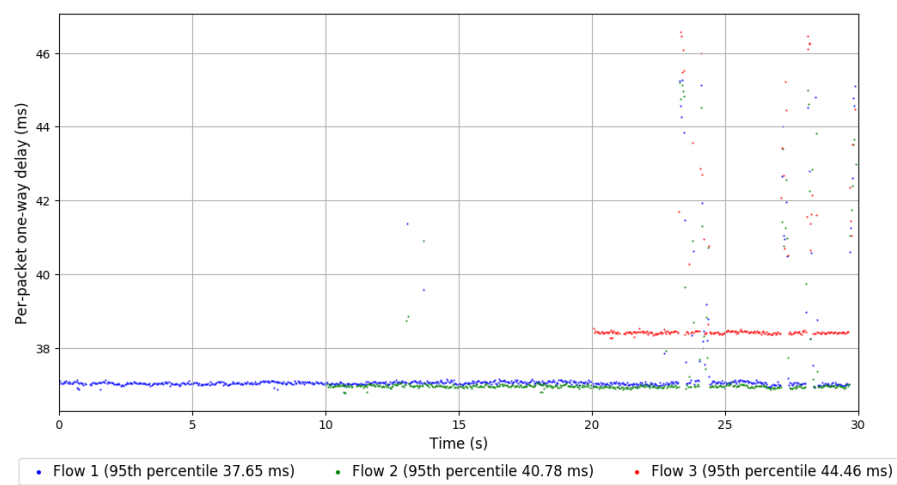
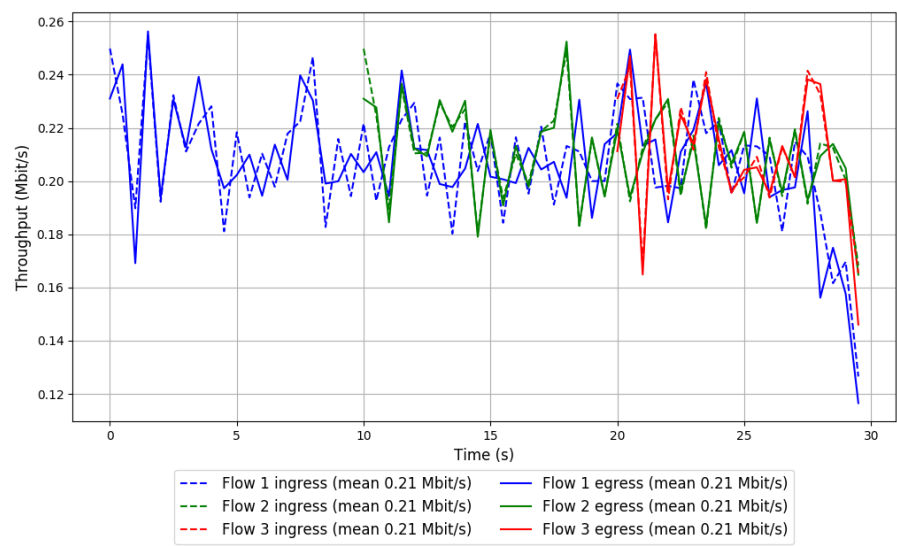


Run 8: Statistics of SReAM

Start at: 2018-03-27 17:38:29
End at: 2018-03-27 17:38:59
Local clock offset: 2.714 ms
Remote clock offset: -6.121 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 40.912 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 37.649 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 40.779 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 44.456 ms
Loss rate: 0.82%

Run 8: Report of SReAM — Data Link

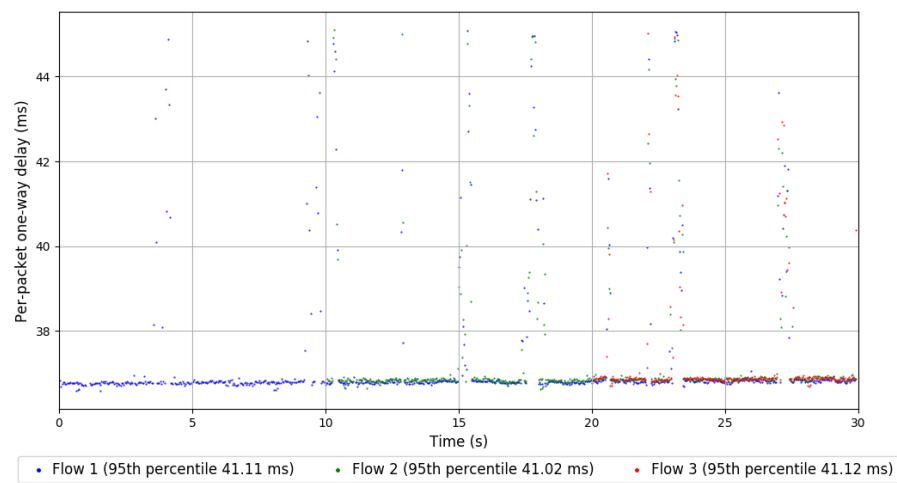
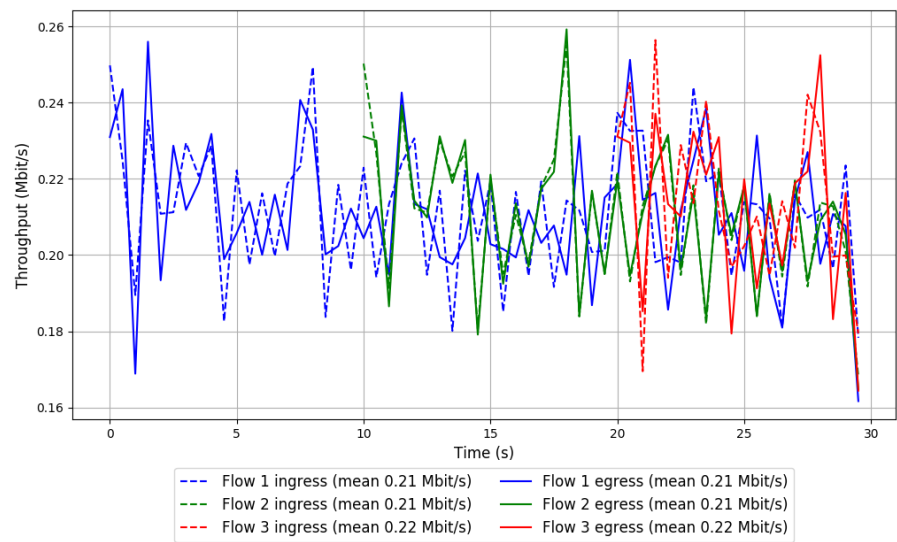


Run 9: Statistics of SReAM

Start at: 2018-03-27 18:04:06
End at: 2018-03-27 18:04:36
Local clock offset: 2.212 ms
Remote clock offset: -3.897 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 41.122 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 41.110 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 41.016 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 41.125 ms
Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

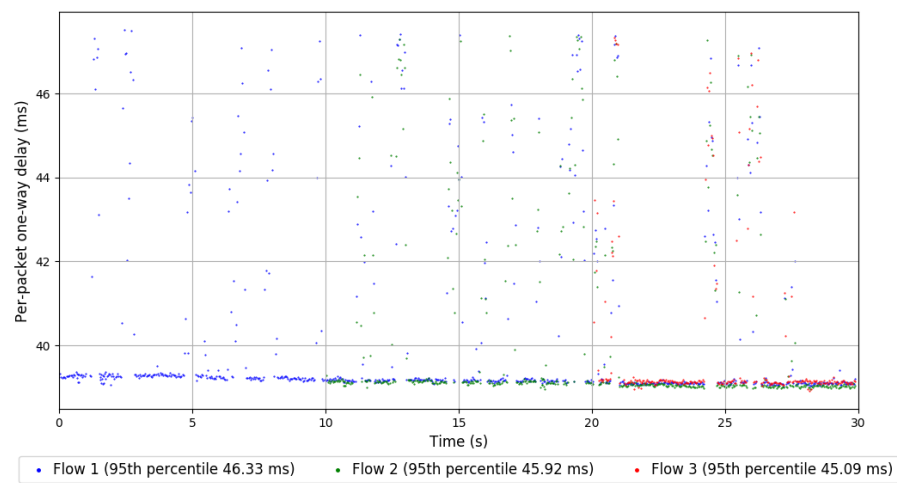
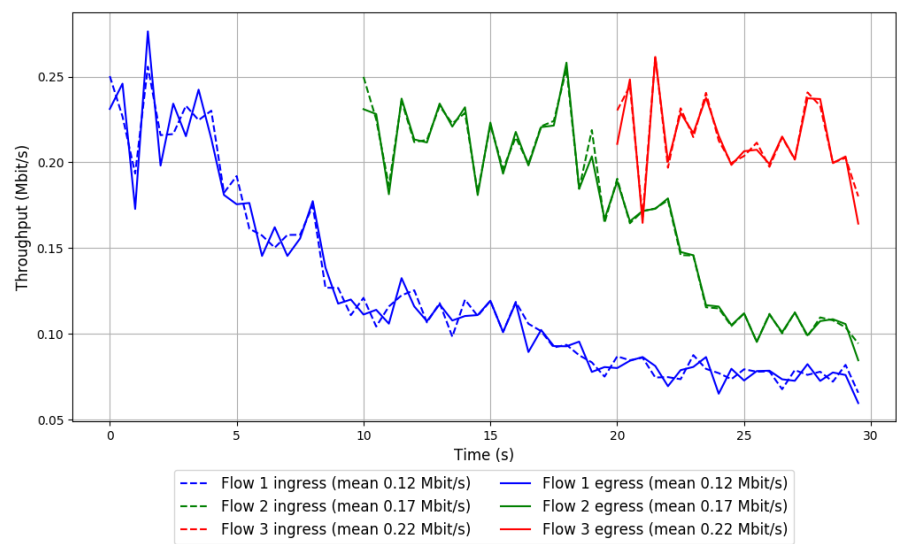


Run 10: Statistics of SReAM

Start at: 2018-03-27 18:30:28
End at: 2018-03-27 18:30:58
Local clock offset: 2.229 ms
Remote clock offset: -6.122 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 46.128 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 46.334 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 45.919 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 45.086 ms
Loss rate: 0.73%

Run 10: Report of SCReAM — Data Link

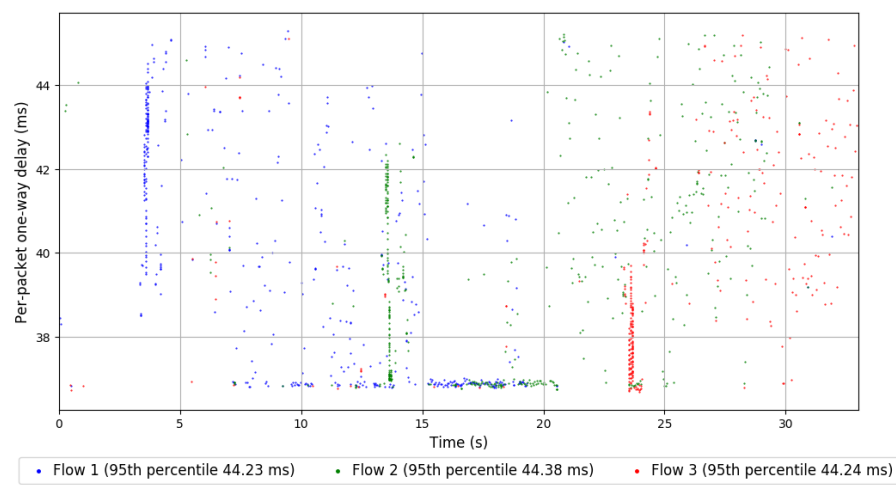
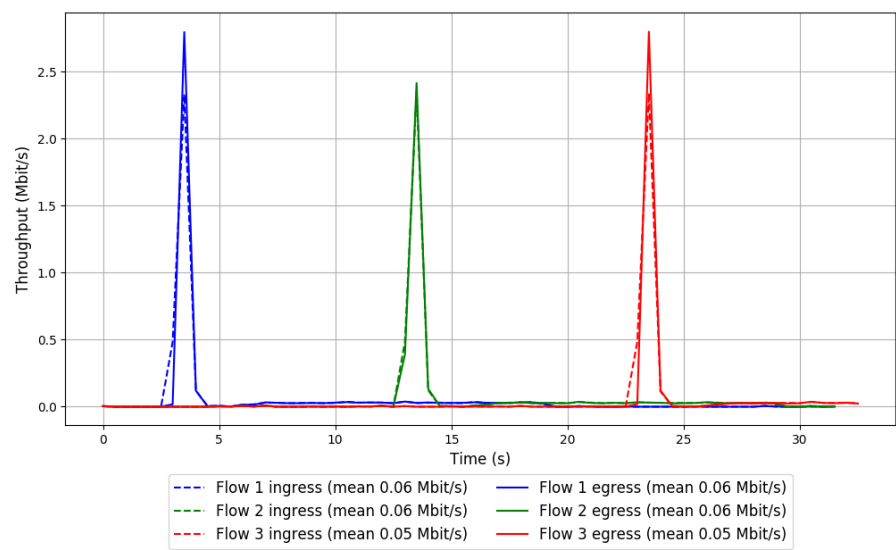


Run 1: Statistics of WebRTC media

Start at: 2018-03-27 14:19:26
End at: 2018-03-27 14:19:56
Local clock offset: 4.524 ms
Remote clock offset: -0.891 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 44.317 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 44.225 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 44.375 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 44.237 ms
Loss rate: 0.39%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-03-27 14:46:16

End at: 2018-03-27 14:46:46

Local clock offset: 4.199 ms

Remote clock offset: 0.267 ms

Below is generated by plot.py at 2018-03-27 23:40:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 45.285 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 45.974 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 45.116 ms

Loss rate: 0.14%

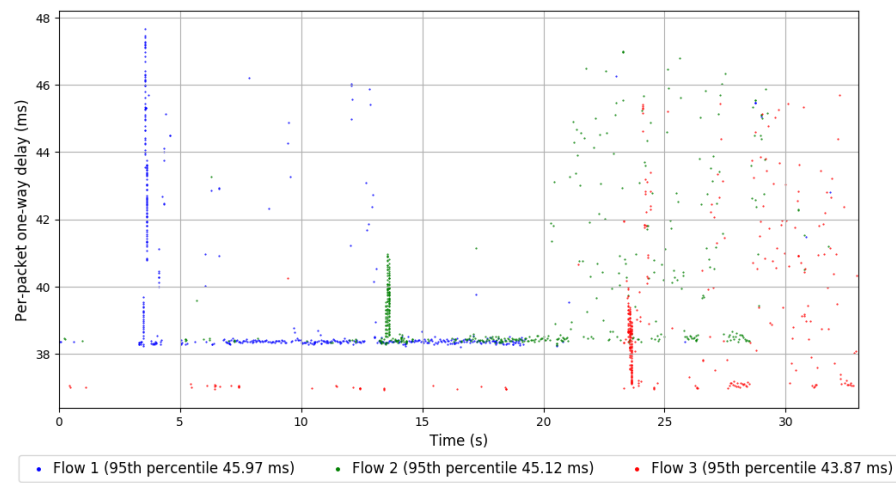
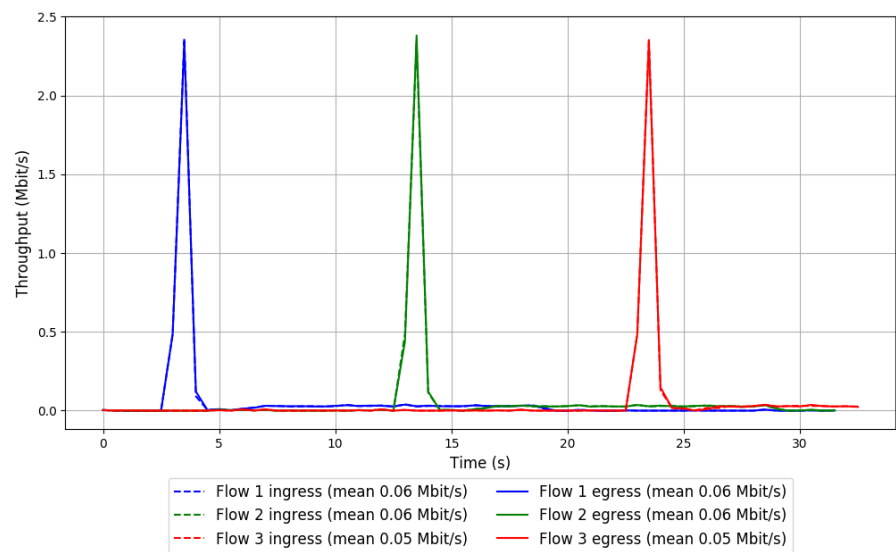
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 43.866 ms

Loss rate: 0.37%

Run 2: Report of WebRTC media — Data Link

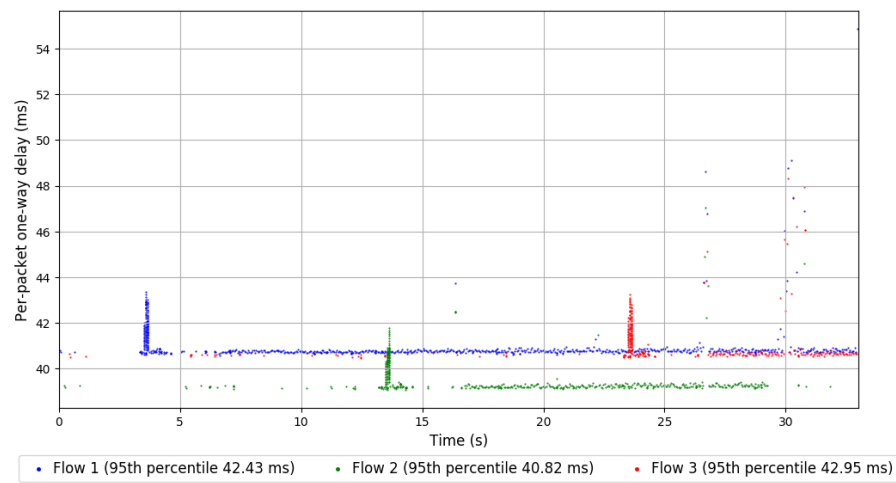
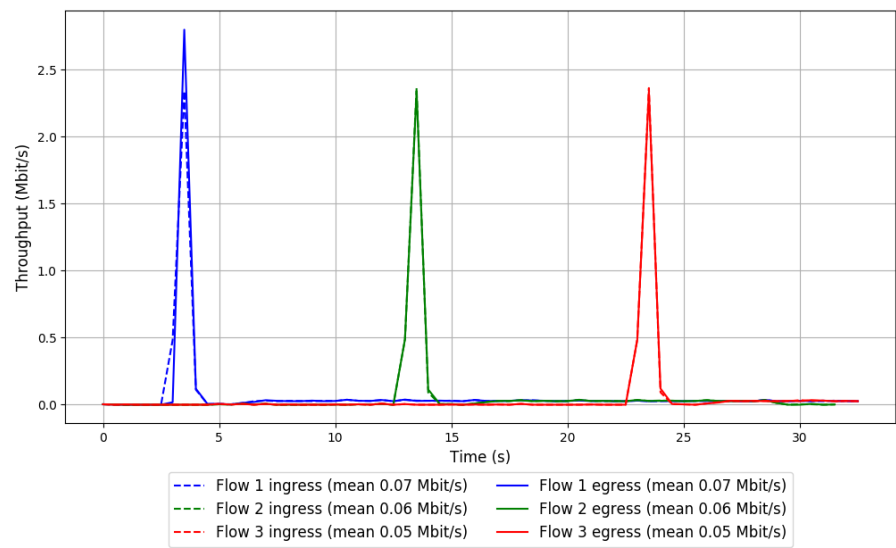


Run 3: Statistics of WebRTC media

Start at: 2018-03-27 15:11:41
End at: 2018-03-27 15:12:11
Local clock offset: 0.21 ms
Remote clock offset: -2.582 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 42.396 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 42.430 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 40.824 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 42.946 ms
Loss rate: 0.08%

Run 3: Report of WebRTC media — Data Link

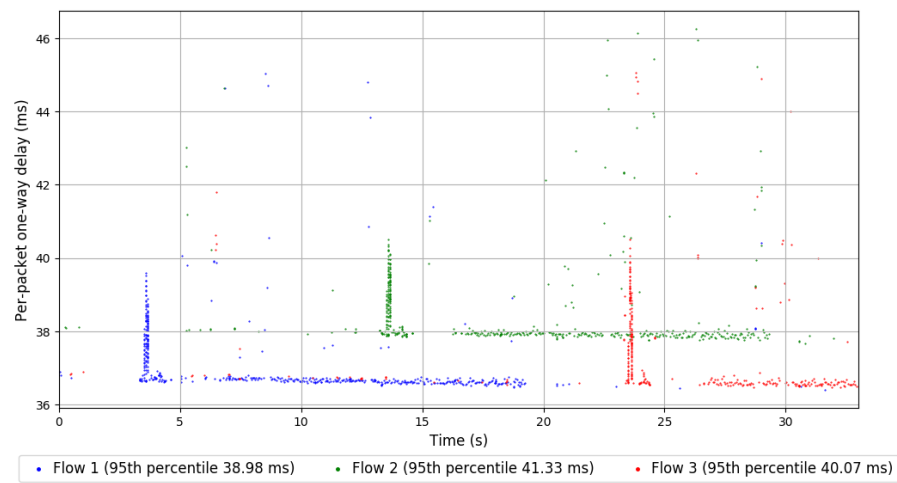
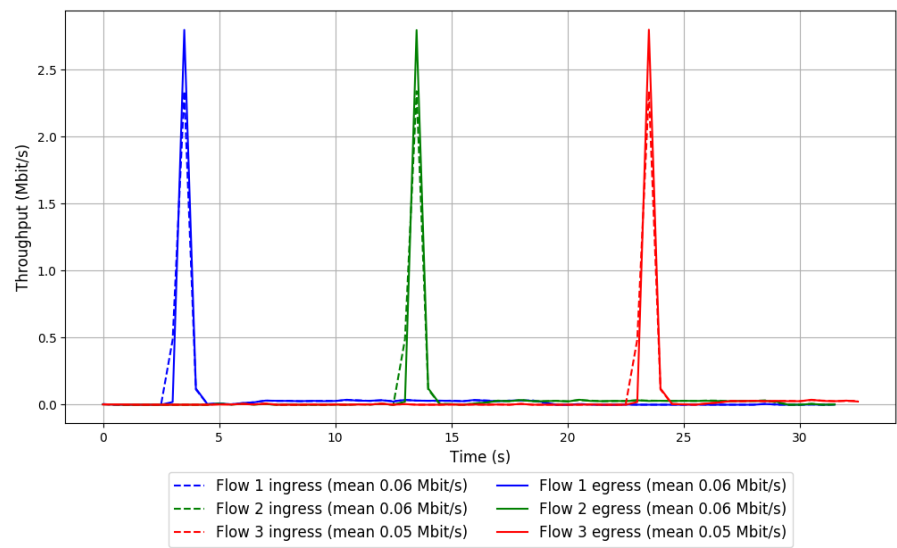


Run 4: Statistics of WebRTC media

Start at: 2018-03-27 15:37:57
End at: 2018-03-27 15:38:27
Local clock offset: -1.021 ms
Remote clock offset: -1.784 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 40.172 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 38.984 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 41.334 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 40.074 ms
Loss rate: 0.16%

Run 4: Report of WebRTC media — Data Link

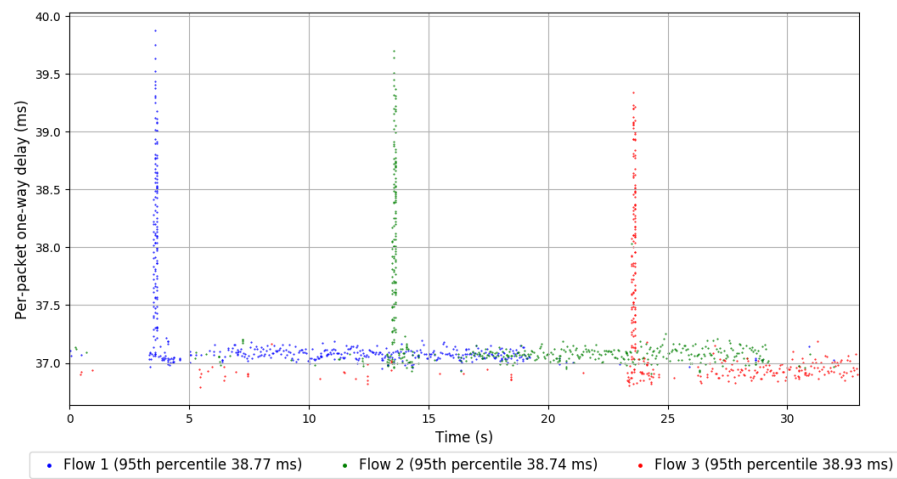
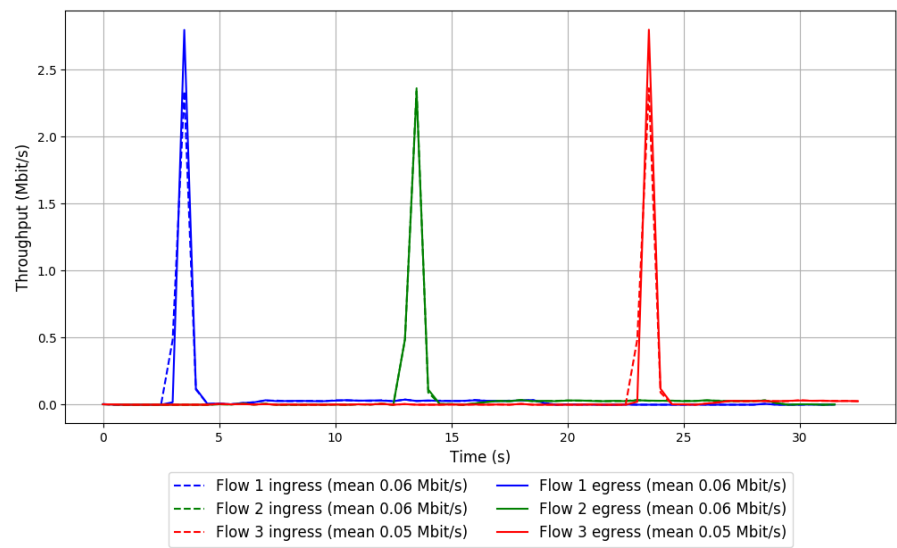


Run 5: Statistics of WebRTC media

Start at: 2018-03-27 16:03:27
End at: 2018-03-27 16:03:57
Local clock offset: 0.982 ms
Remote clock offset: -6.164 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 38.794 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 38.770 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 38.742 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 38.929 ms
Loss rate: 0.08%

Run 5: Report of WebRTC media — Data Link

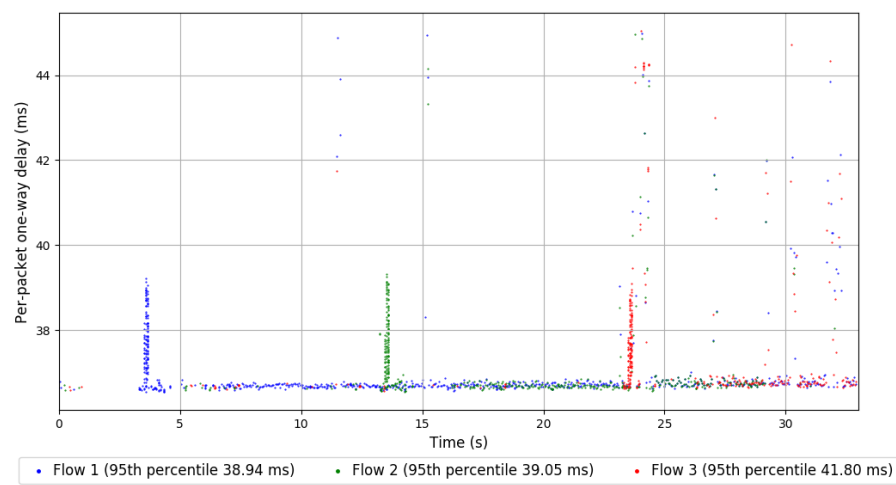
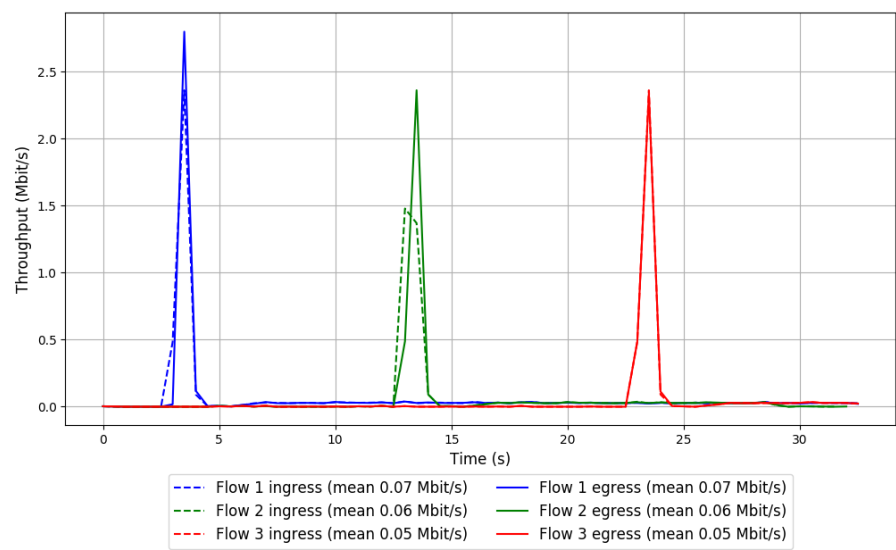


Run 6: Statistics of WebRTC media

Start at: 2018-03-27 16:28:18
End at: 2018-03-27 16:28:48
Local clock offset: -0.153 ms
Remote clock offset: -0.687 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 39.346 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 38.935 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 39.054 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 41.796 ms
Loss rate: 0.08%

Run 6: Report of WebRTC media — Data Link

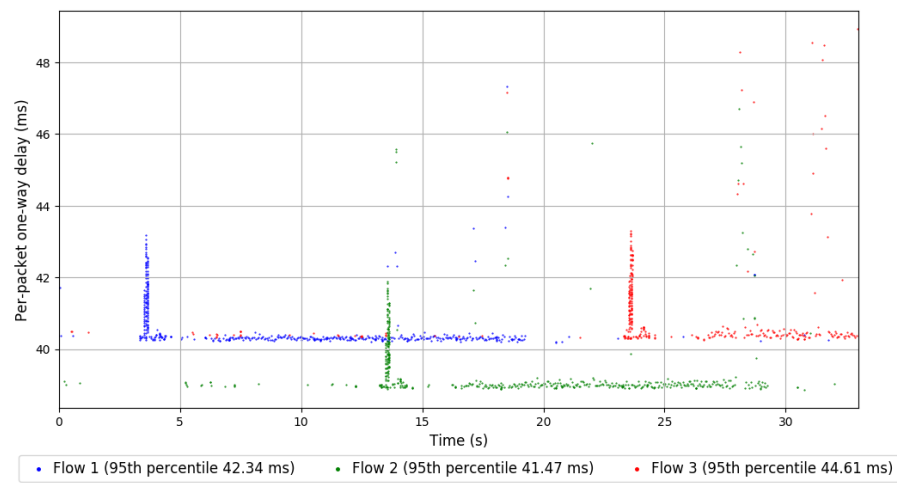
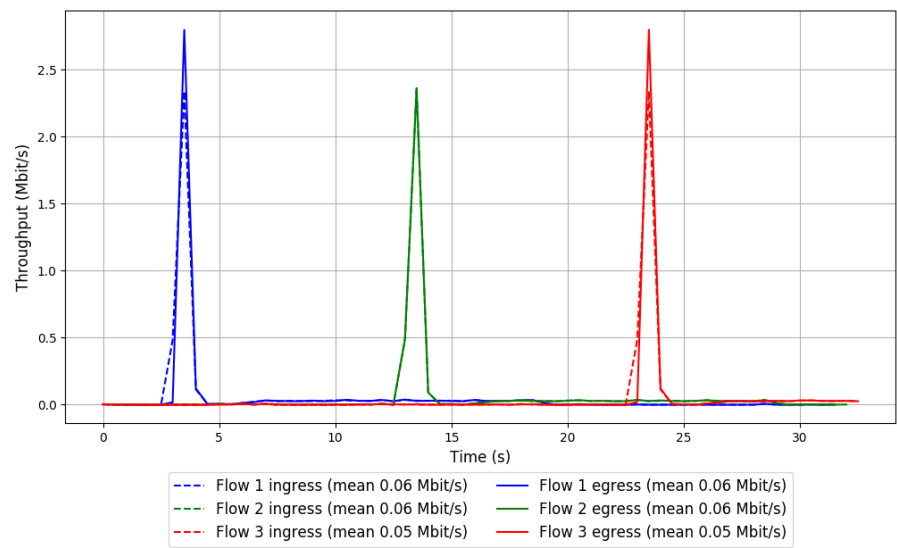


Run 7: Statistics of WebRTC media

Start at: 2018-03-27 16:53:17
End at: 2018-03-27 16:53:47
Local clock offset: 0.457 ms
Remote clock offset: -4.139 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 42.538 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 42.341 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 41.470 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 44.612 ms
Loss rate: 0.16%

Run 7: Report of WebRTC media — Data Link

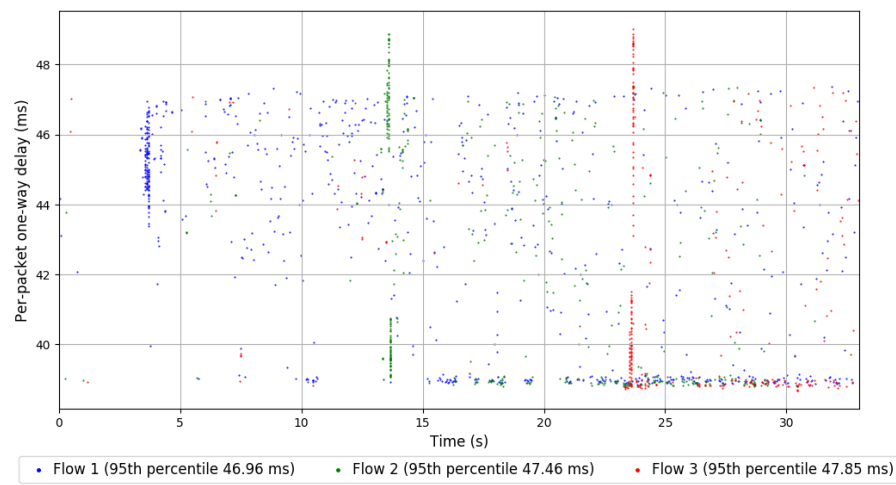
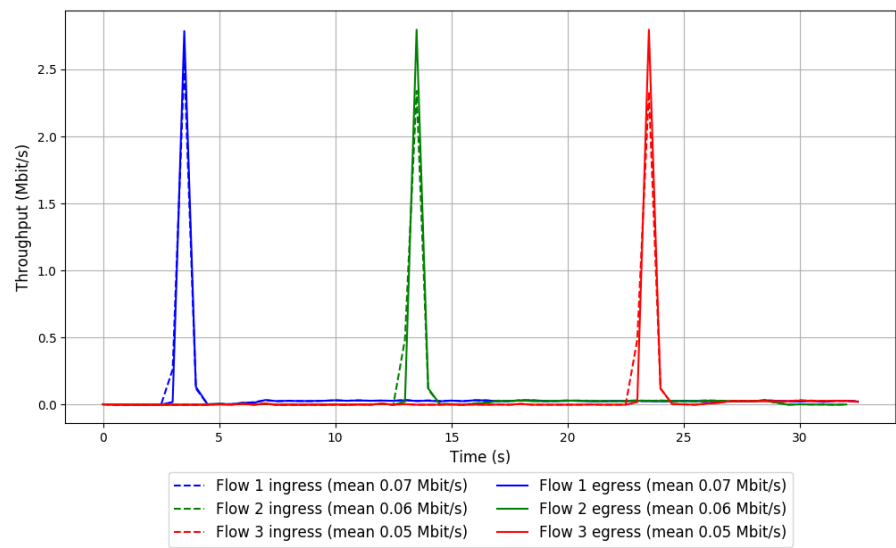


Run 8: Statistics of WebRTC media

Start at: 2018-03-27 17:23:13
End at: 2018-03-27 17:23:43
Local clock offset: 1.944 ms
Remote clock offset: -6.631 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 47.168 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 46.964 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 47.457 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 47.852 ms
Loss rate: 0.59%

Run 8: Report of WebRTC media — Data Link

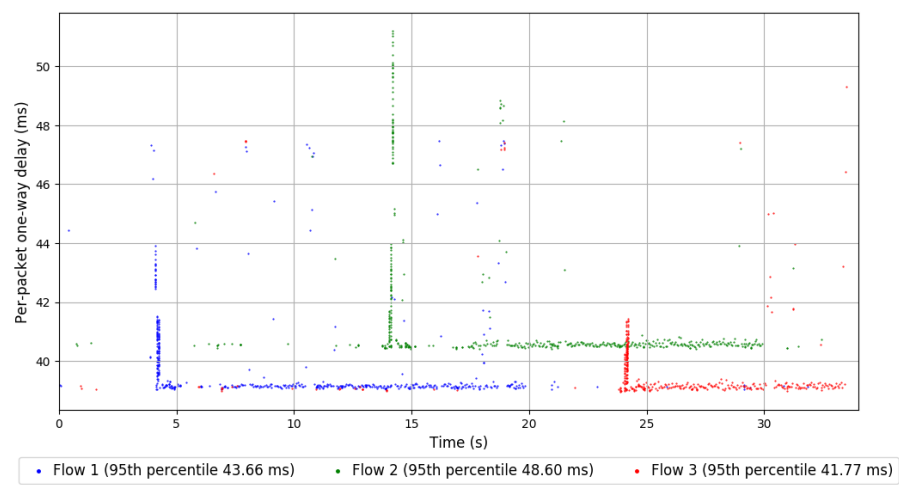
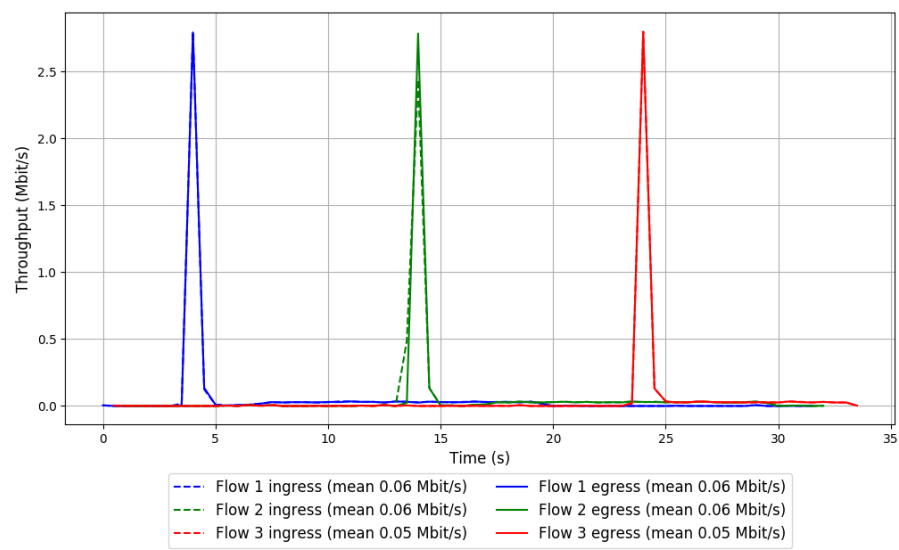


Run 9: Statistics of WebRTC media

Start at: 2018-03-27 17:49:39
End at: 2018-03-27 17:50:09
Local clock offset: 3.202 ms
Remote clock offset: -8.902 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 47.192 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 43.663 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 48.604 ms
Loss rate: 3.25%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 41.767 ms
Loss rate: 0.20%

Run 9: Report of WebRTC media — Data Link

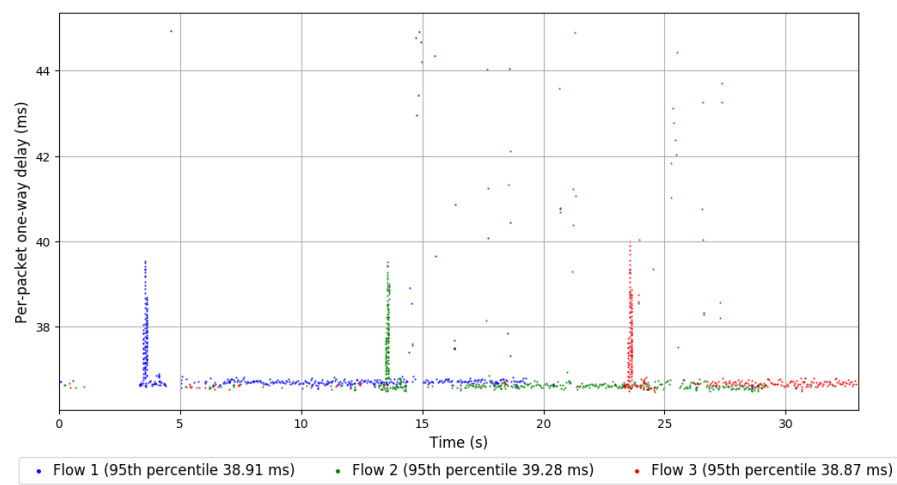
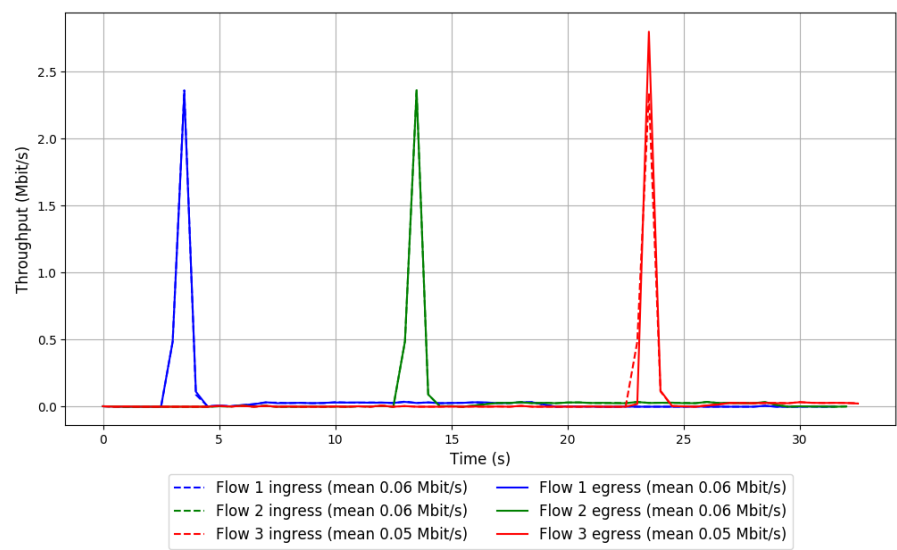


Run 10: Statistics of WebRTC media

Start at: 2018-03-27 18:15:04
End at: 2018-03-27 18:15:34
Local clock offset: 2.015 ms
Remote clock offset: -3.177 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 39.107 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 38.905 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 39.278 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 38.868 ms
Loss rate: 0.16%

Run 10: Report of WebRTC media — Data Link

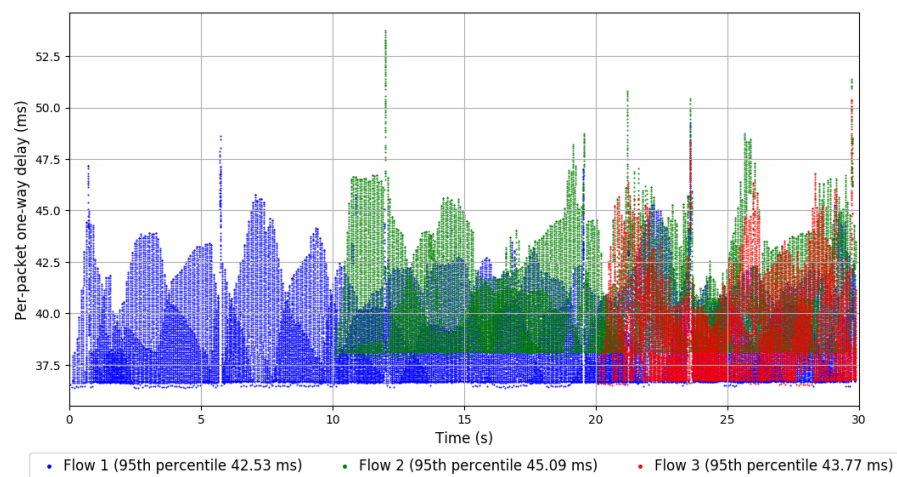
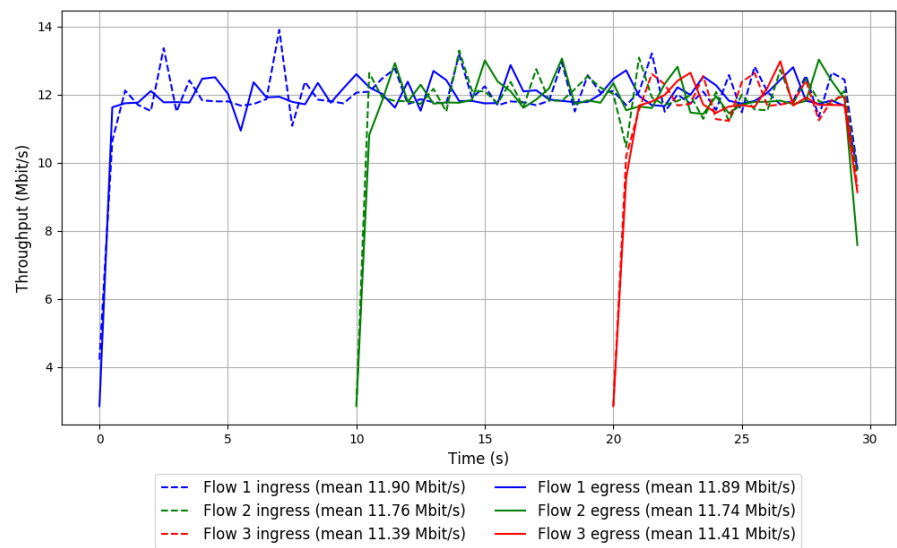


Run 1: Statistics of Sprout

Start at: 2018-03-27 14:36:30
End at: 2018-03-27 14:37:00
Local clock offset: 4.195 ms
Remote clock offset: 0.26 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.43 Mbit/s
95th percentile per-packet one-way delay: 43.932 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 11.89 Mbit/s
95th percentile per-packet one-way delay: 42.531 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 45.086 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 11.41 Mbit/s
95th percentile per-packet one-way delay: 43.768 ms
Loss rate: 0.37%

Run 1: Report of Sprout — Data Link

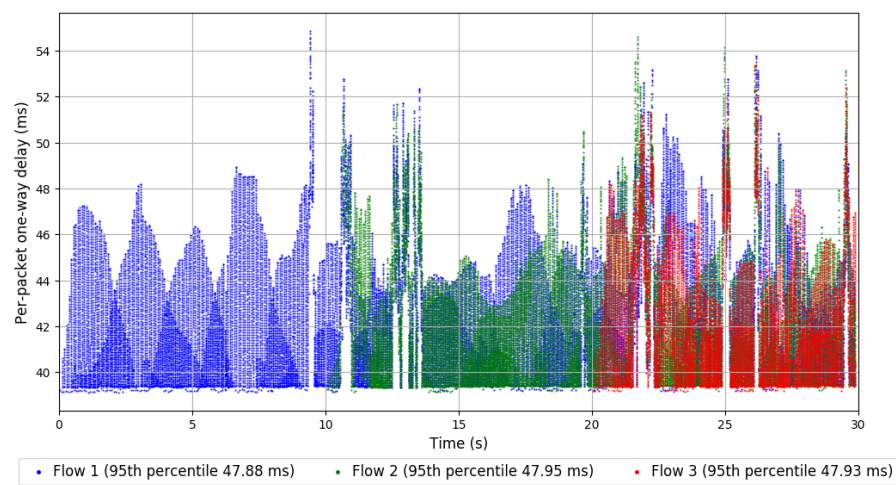
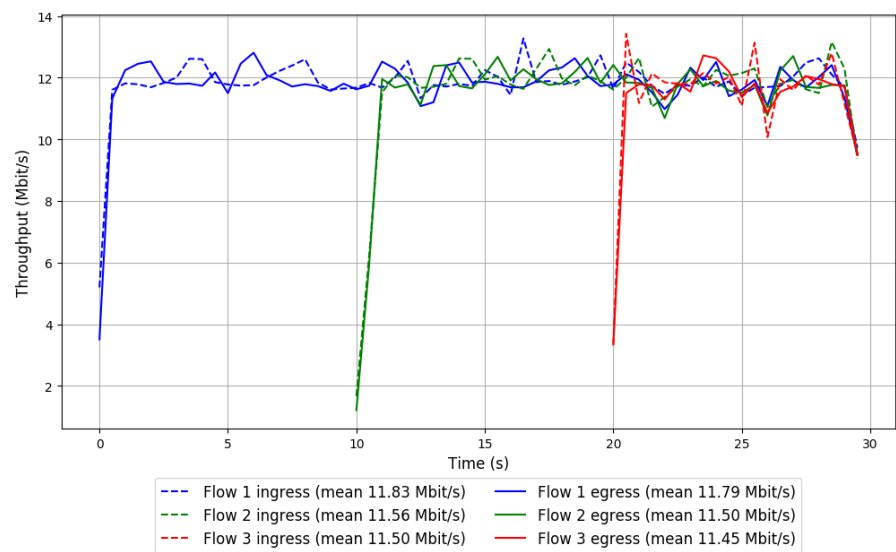


Run 2: Statistics of Sprout

Start at: 2018-03-27 15:02:04
End at: 2018-03-27 15:02:34
Local clock offset: 3.069 ms
Remote clock offset: -0.965 ms

```
# Below is generated by plot.py at 2018-03-27 23:40:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.20 Mbit/s
95th percentile per-packet one-way delay: 47.908 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 11.79 Mbit/s
95th percentile per-packet one-way delay: 47.877 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 11.50 Mbit/s
95th percentile per-packet one-way delay: 47.948 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 11.45 Mbit/s
95th percentile per-packet one-way delay: 47.933 ms
Loss rate: 0.77%
```

Run 2: Report of Sprout — Data Link

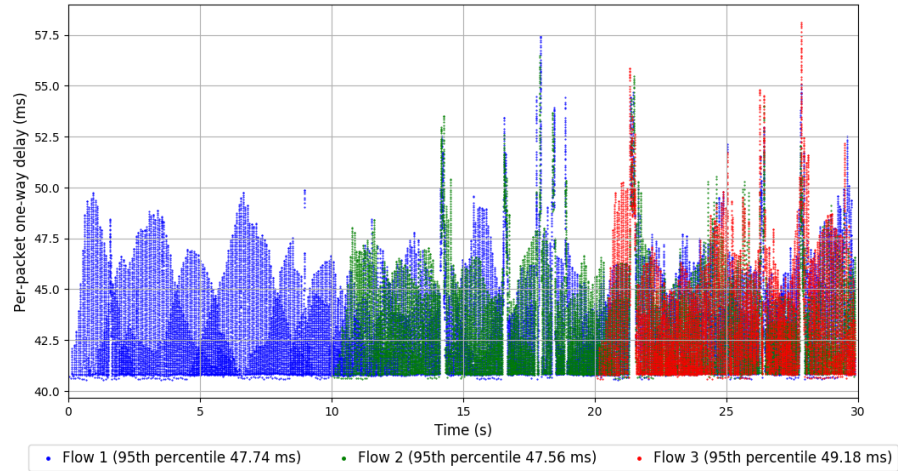
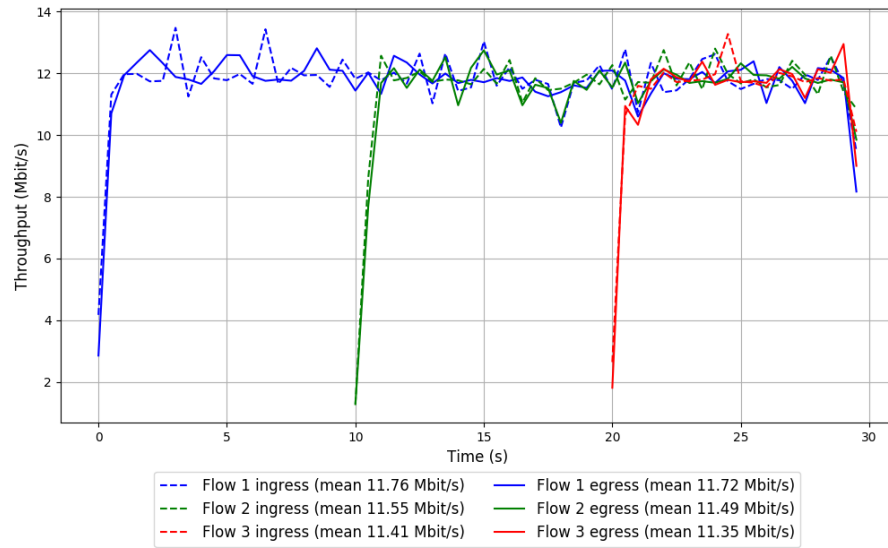


Run 3: Statistics of Sprout

Start at: 2018-03-27 15:27:31
End at: 2018-03-27 15:28:01
Local clock offset: -1.61 ms
Remote clock offset: -3.105 ms

```
# Below is generated by plot.py at 2018-03-27 23:40:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.08 Mbit/s
95th percentile per-packet one-way delay: 47.997 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 11.72 Mbit/s
95th percentile per-packet one-way delay: 47.744 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 47.563 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 11.35 Mbit/s
95th percentile per-packet one-way delay: 49.177 ms
Loss rate: 0.91%
```


Run 3: Report of Sprout — Data Link

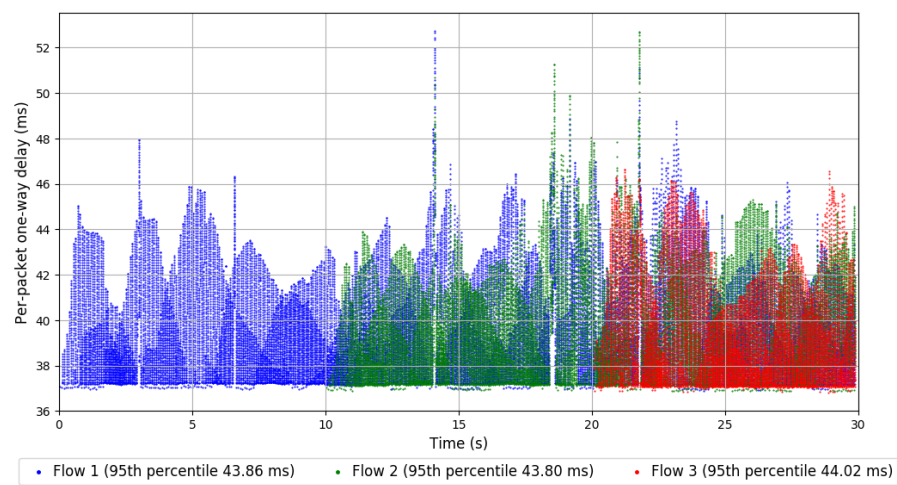
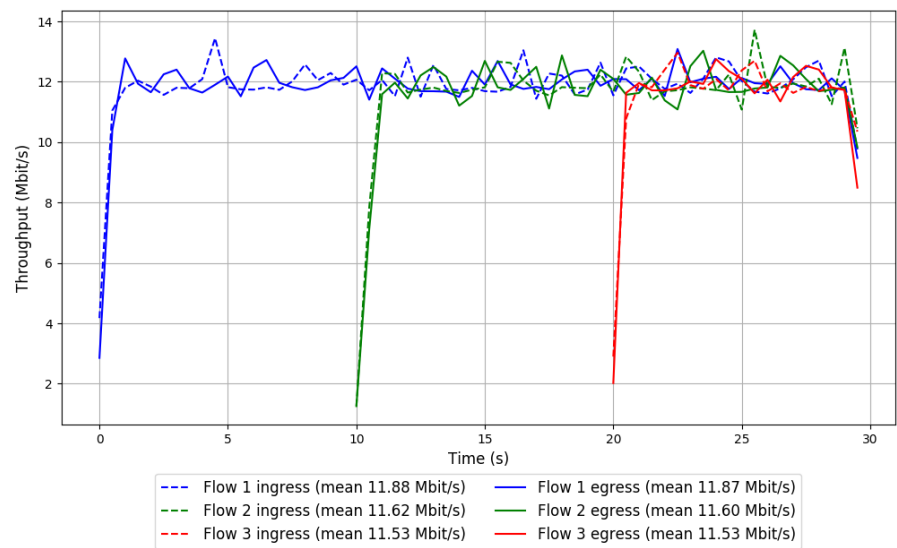


Run 4: Statistics of Sprout

Start at: 2018-03-27 15:53:48
End at: 2018-03-27 15:54:18
Local clock offset: 0.677 ms
Remote clock offset: -5.387 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 43.870 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 43.859 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 11.60 Mbit/s
95th percentile per-packet one-way delay: 43.797 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 44.020 ms
Loss rate: 0.83%

Run 4: Report of Sprout — Data Link

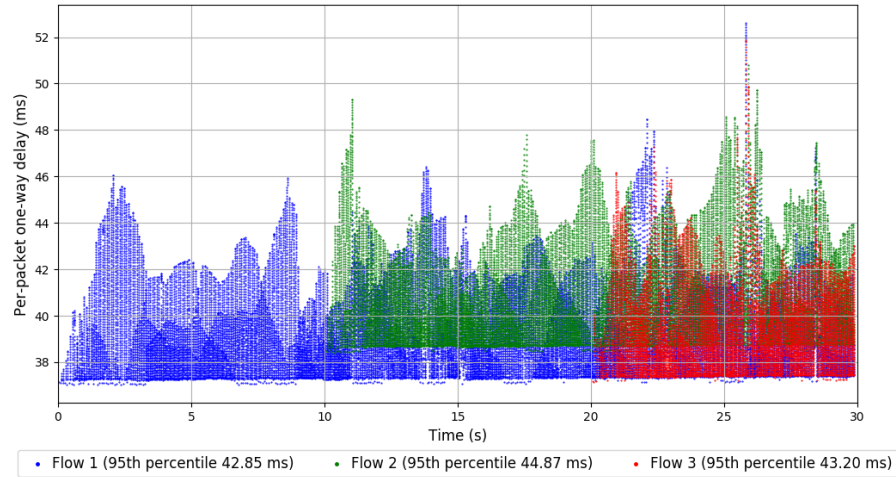
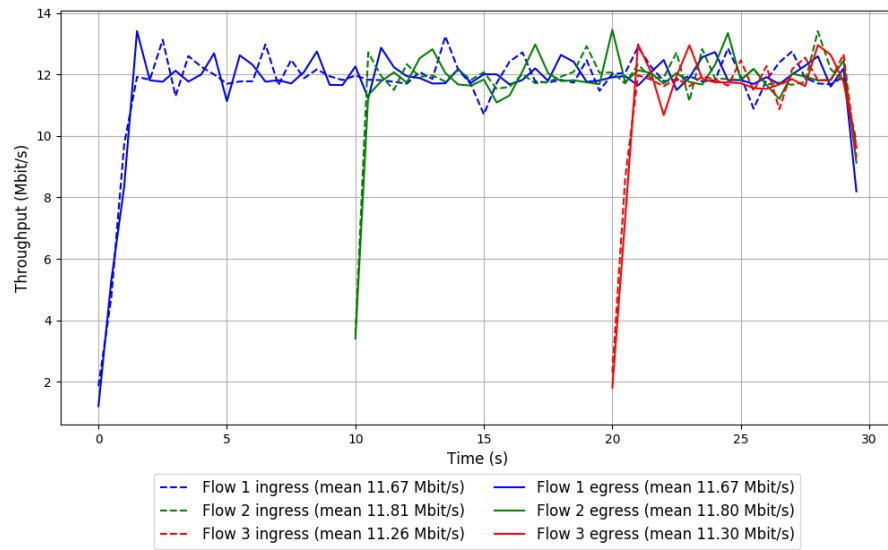


Run 5: Statistics of Sprout

Start at: 2018-03-27 16:18:41
End at: 2018-03-27 16:19:11
Local clock offset: 0.114 ms
Remote clock offset: -2.833 ms

Below is generated by plot.py at 2018-03-27 23:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.22 Mbit/s
95th percentile per-packet one-way delay: 43.921 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 42.852 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 44.869 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 43.198 ms
Loss rate: 0.26%

Run 5: Report of Sprout — Data Link

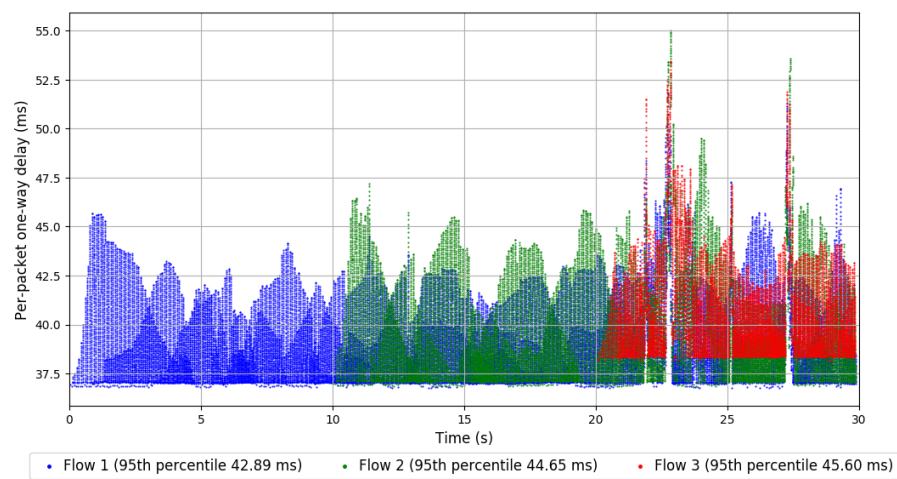
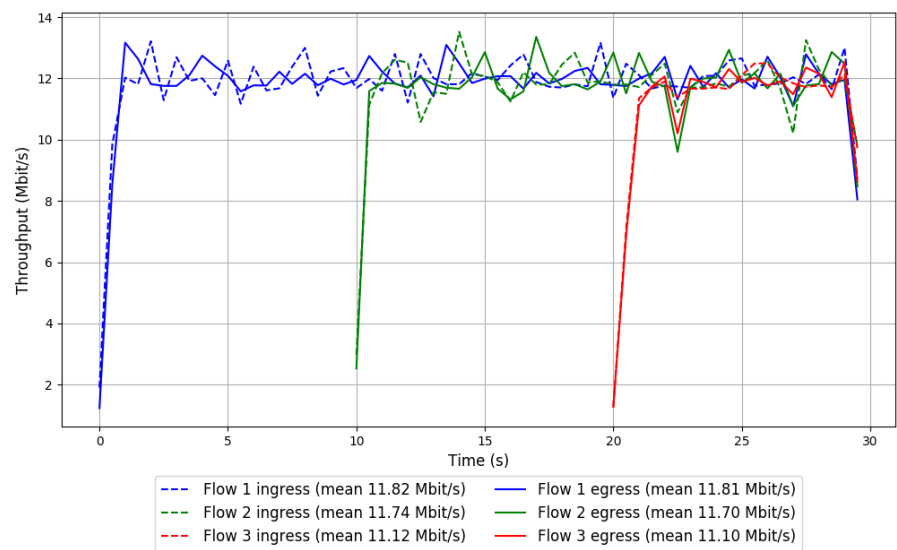


Run 6: Statistics of Sprout

Start at: 2018-03-27 16:43:43
End at: 2018-03-27 16:44:13
Local clock offset: -0.132 ms
Remote clock offset: 0.05 ms

```
# Below is generated by plot.py at 2018-03-27 23:40:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.23 Mbit/s
95th percentile per-packet one-way delay: 44.070 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 42.891 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: 44.652 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 45.601 ms
Loss rate: 0.96%
```

Run 6: Report of Sprout — Data Link

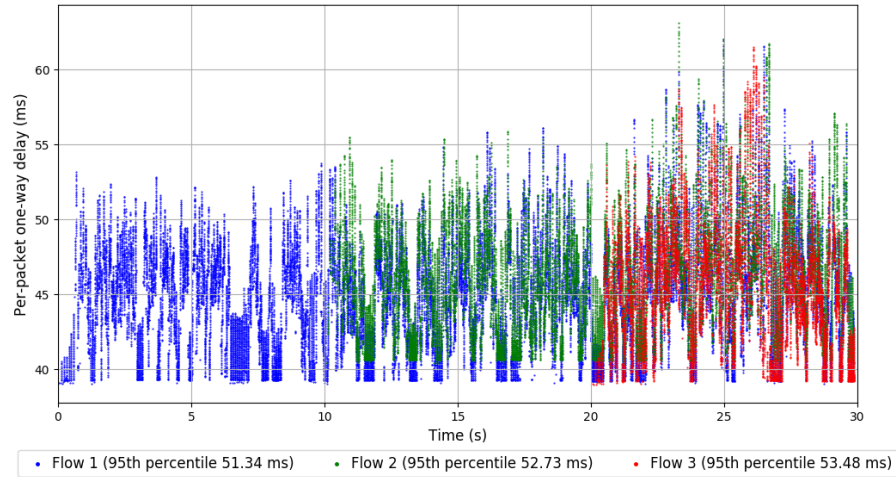
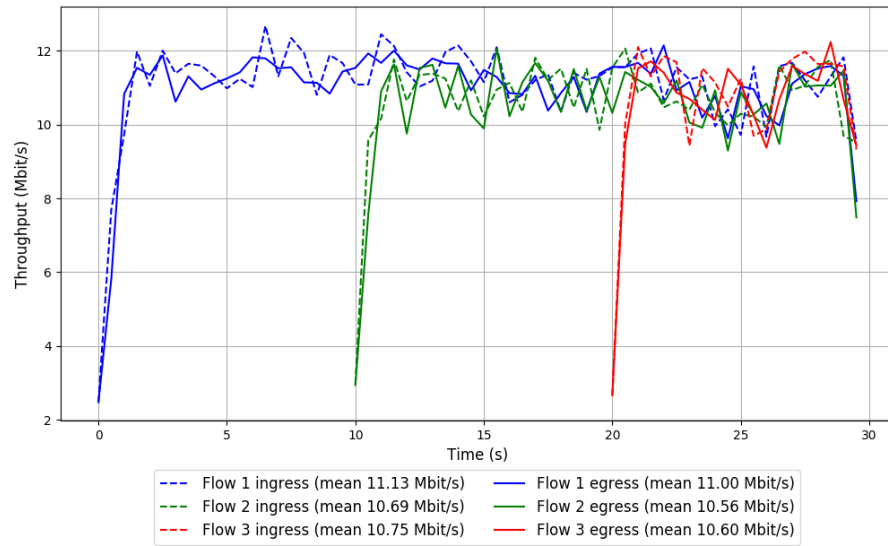


Run 7: Statistics of Sprout

Start at: 2018-03-27 17:11:59
End at: 2018-03-27 17:12:29
Local clock offset: 1.031 ms
Remote clock offset: -5.501 ms

```
# Below is generated by plot.py at 2018-03-27 23:40:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.50 Mbit/s
95th percentile per-packet one-way delay: 52.210 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 51.343 ms
Loss rate: 1.41%
-- Flow 2:
Average throughput: 10.56 Mbit/s
95th percentile per-packet one-way delay: 52.731 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 10.60 Mbit/s
95th percentile per-packet one-way delay: 53.482 ms
Loss rate: 1.95%
```


Run 7: Report of Sprout — Data Link

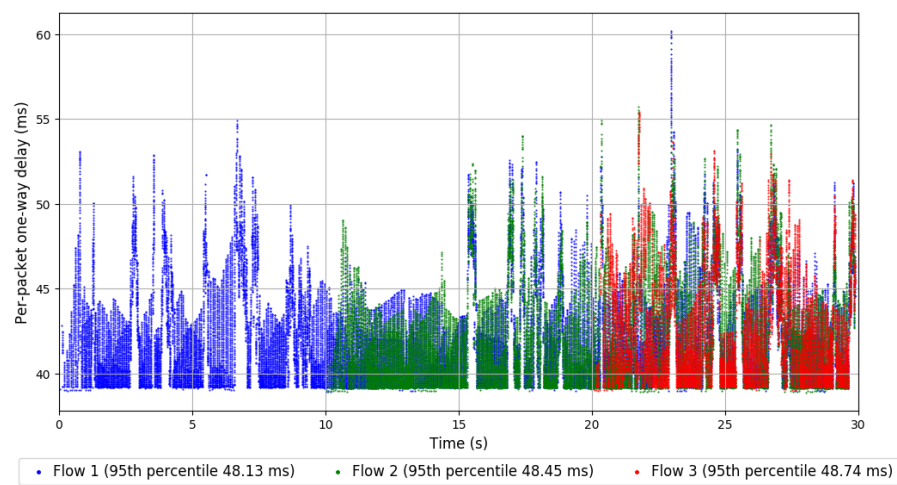
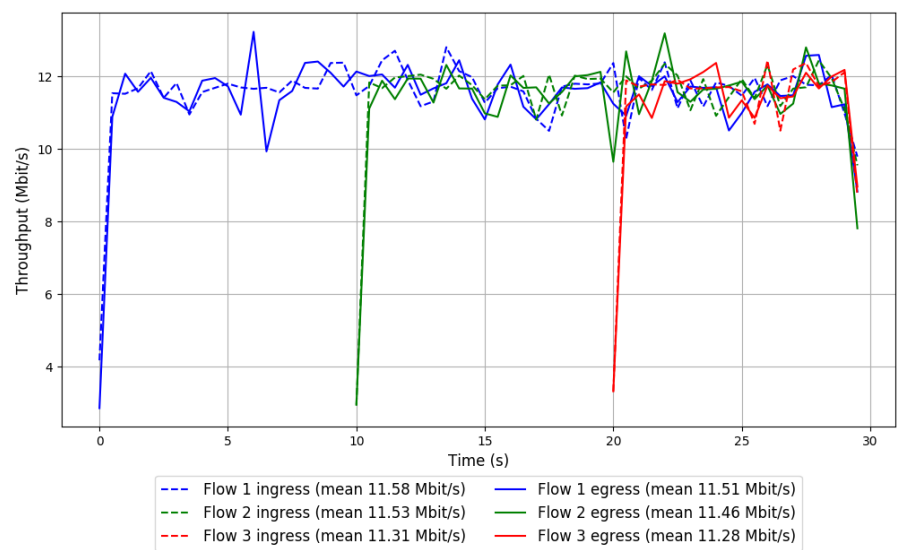


Run 8: Statistics of Sprout

Start at: 2018-03-27 17:39:47
End at: 2018-03-27 17:40:17
Local clock offset: 2.86 ms
Remote clock offset: -8.236 ms

Below is generated by plot.py at 2018-03-27 23:40:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 48.356 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 48.126 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 11.46 Mbit/s
95th percentile per-packet one-way delay: 48.453 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 48.743 ms
Loss rate: 0.82%

Run 8: Report of Sprout — Data Link

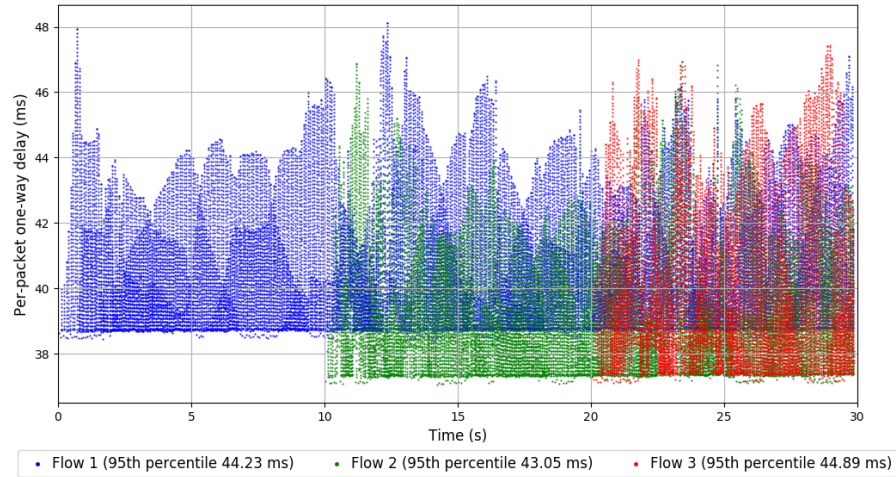
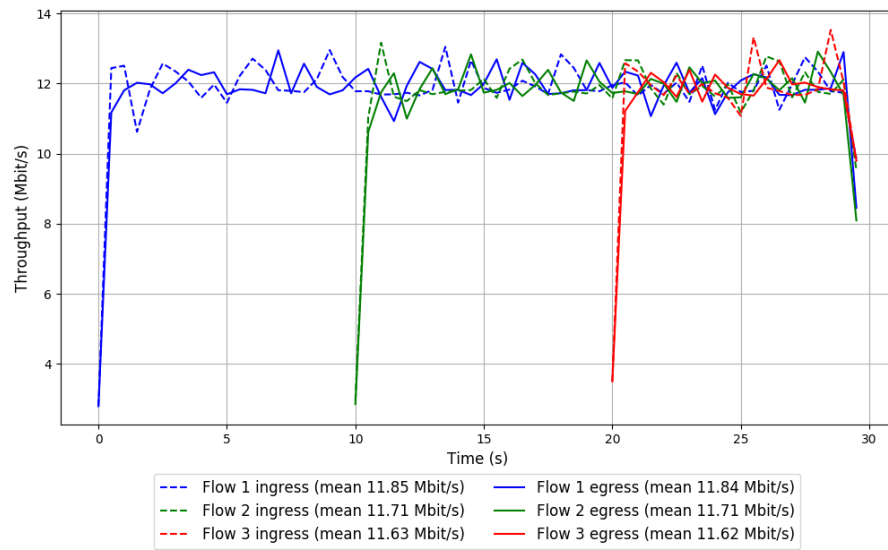


Run 9: Statistics of Sprout

Start at: 2018-03-27 18:05:24
End at: 2018-03-27 18:05:54
Local clock offset: 2.193 ms
Remote clock offset: -4.235 ms

```
# Below is generated by plot.py at 2018-03-27 23:40:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 44.119 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 44.230 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 43.046 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 44.890 ms
Loss rate: 0.85%
```

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-03-27 18:31:46

End at: 2018-03-27 18:32:16

Local clock offset: 2.227 ms

Remote clock offset: -4.21 ms

Below is generated by plot.py at 2018-03-27 23:40:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 23.02 Mbit/s

95th percentile per-packet one-way delay: 45.791 ms

Loss rate: 0.61%

-- Flow 1:

Average throughput: 11.73 Mbit/s

95th percentile per-packet one-way delay: 45.676 ms

Loss rate: 0.49%

-- Flow 2:

Average throughput: 11.38 Mbit/s

95th percentile per-packet one-way delay: 46.306 ms

Loss rate: 0.63%

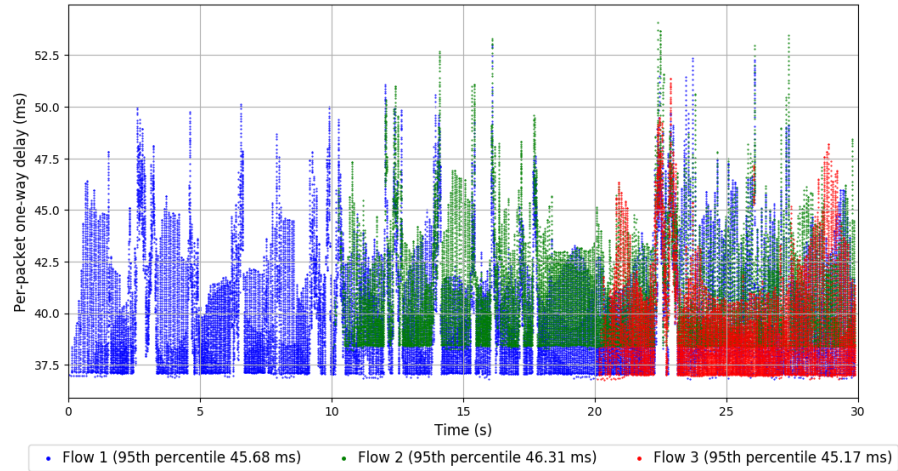
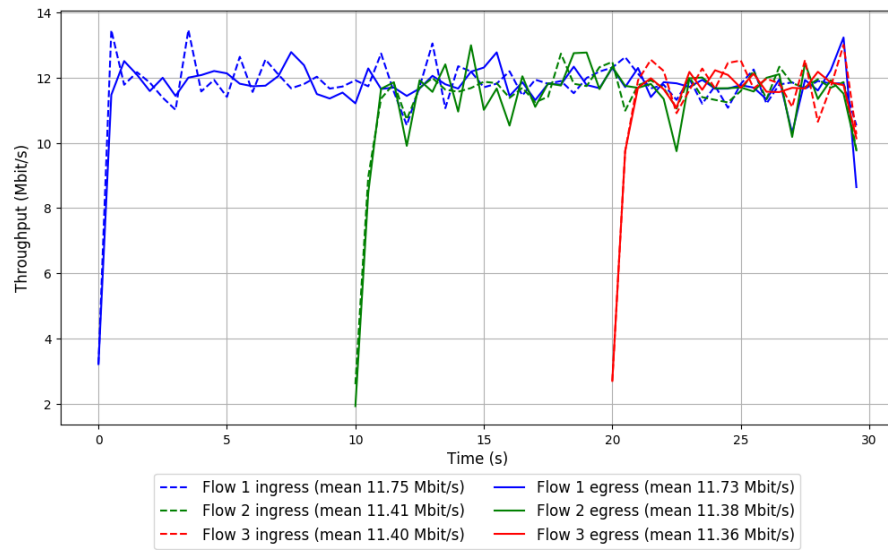
-- Flow 3:

Average throughput: 11.36 Mbit/s

95th percentile per-packet one-way delay: 45.170 ms

Loss rate: 0.93%

Run 10: Report of Sprout — Data Link

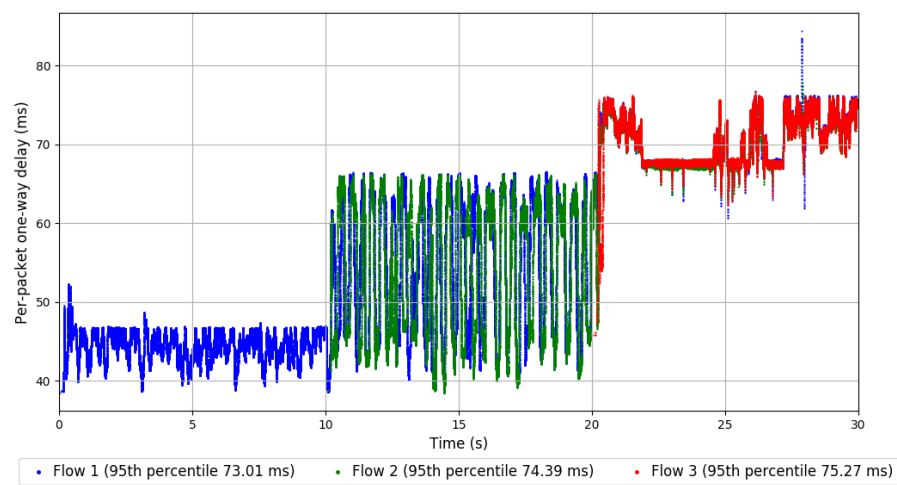
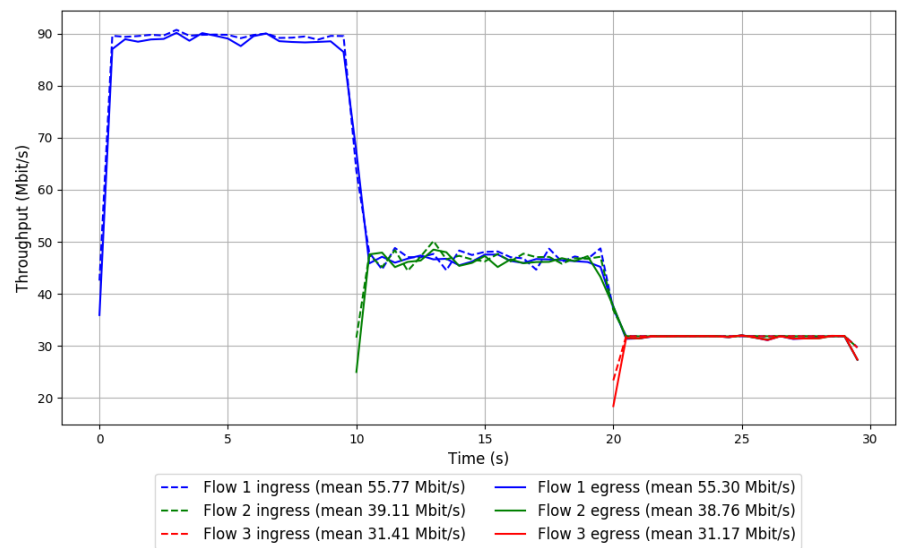


Run 1: Statistics of TaoVA-100x

Start at: 2018-03-27 14:28:55
End at: 2018-03-27 14:29:25
Local clock offset: 4.566 ms
Remote clock offset: -0.558 ms

Below is generated by plot.py at 2018-03-27 23:42:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 74.195 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 55.30 Mbit/s
95th percentile per-packet one-way delay: 73.013 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 74.393 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 75.272 ms
Loss rate: 1.63%

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

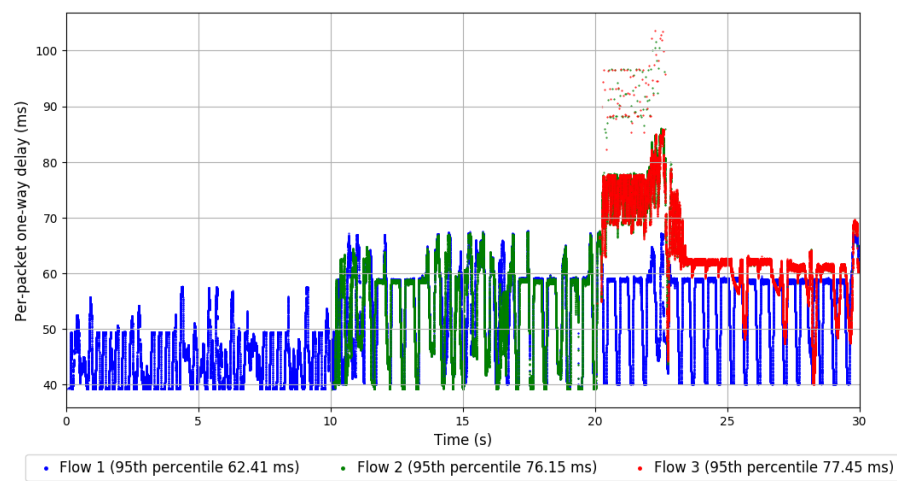
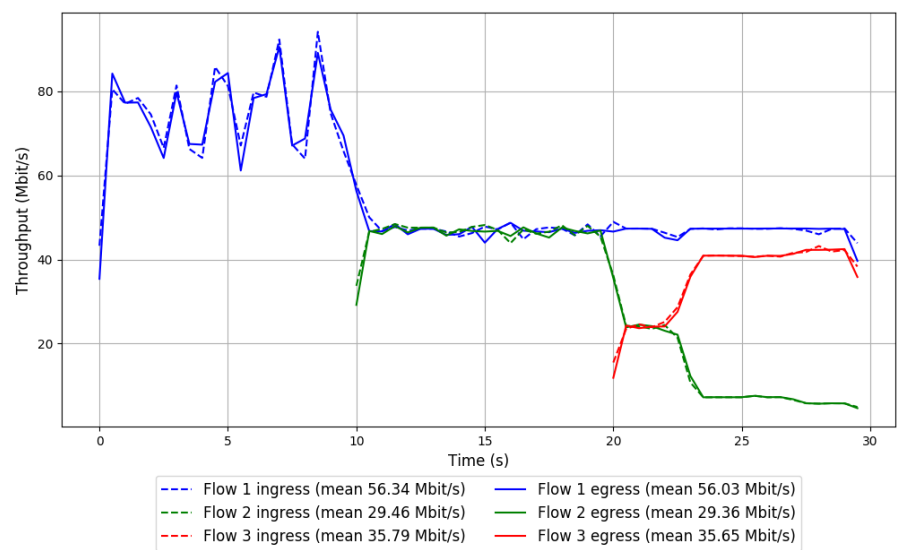


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-27 14:54:50
End at: 2018-03-27 14:55:20
Local clock offset: 4.419 ms
Remote clock offset: -1.357 ms

Below is generated by plot.py at 2018-03-27 23:42:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 68.454 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 56.03 Mbit/s
95th percentile per-packet one-way delay: 62.410 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 29.36 Mbit/s
95th percentile per-packet one-way delay: 76.151 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 35.65 Mbit/s
95th percentile per-packet one-way delay: 77.448 ms
Loss rate: 1.21%

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

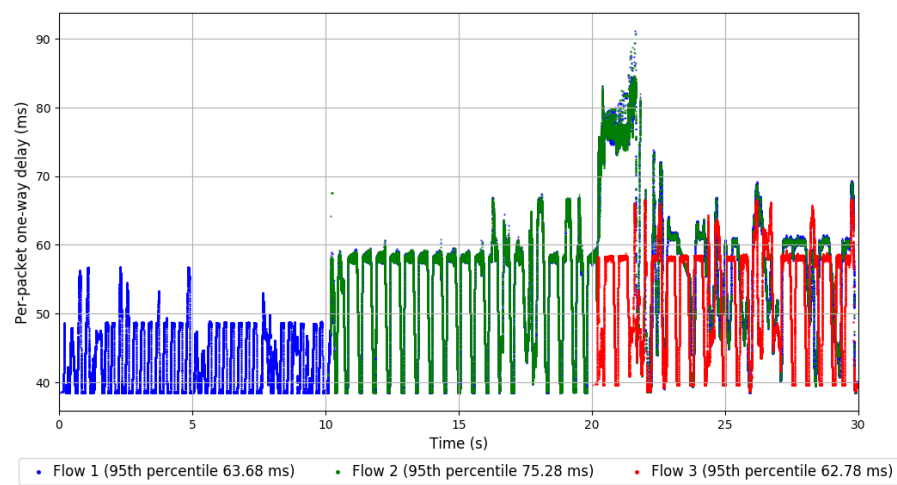
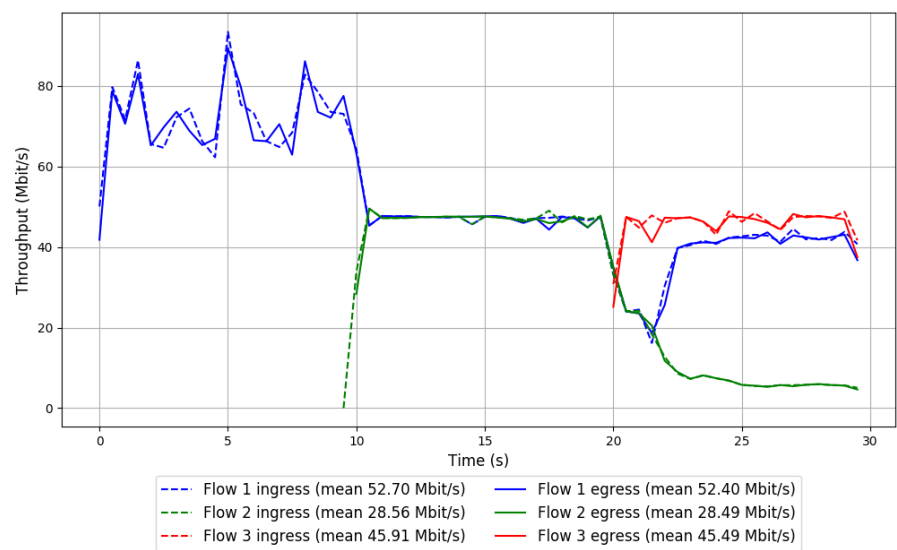


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-27 15:20:10
End at: 2018-03-27 15:20:40
Local clock offset: -1.003 ms
Remote clock offset: -0.946 ms

Below is generated by plot.py at 2018-03-27 23:42:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 64.849 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 52.40 Mbit/s
95th percentile per-packet one-way delay: 63.676 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 75.282 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 45.49 Mbit/s
95th percentile per-packet one-way delay: 62.781 ms
Loss rate: 1.72%

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

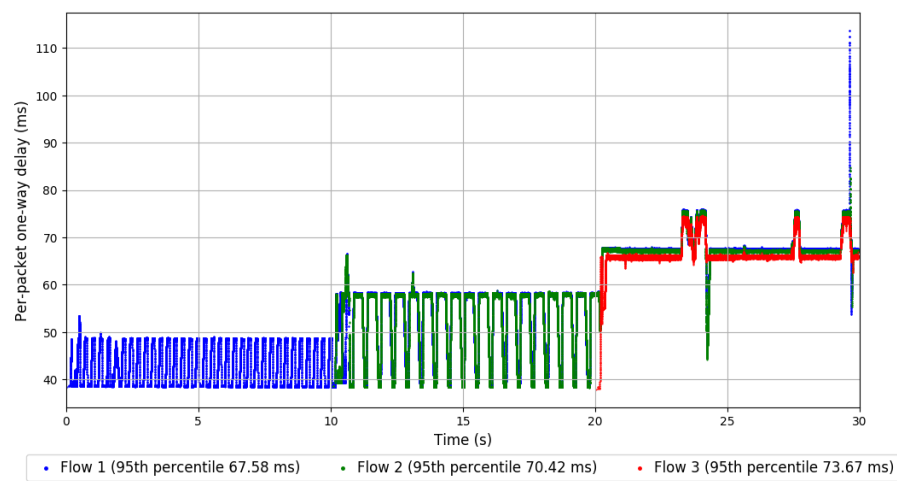
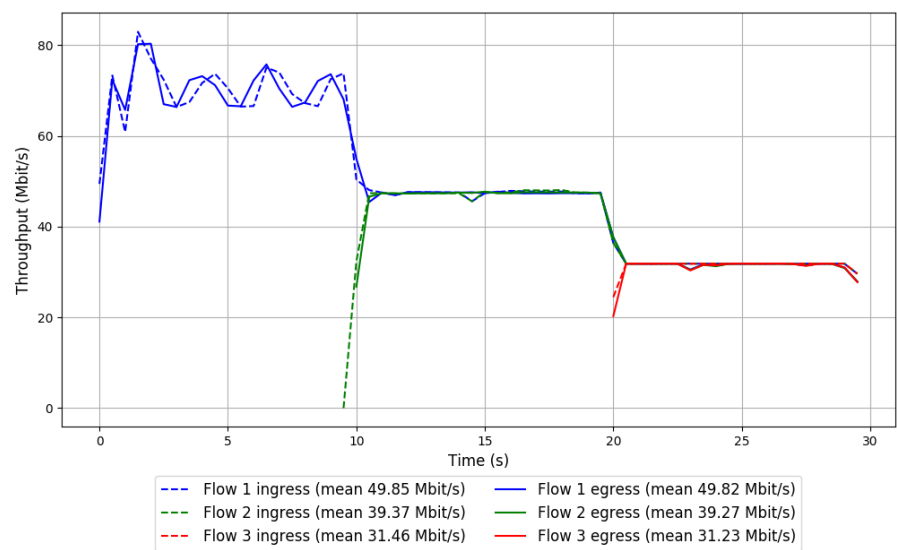


Run 4: Statistics of TaoVA-100x

Start at: 2018-03-27 15:46:44
End at: 2018-03-27 15:47:14
Local clock offset: 0.245 ms
Remote clock offset: -4.358 ms

Below is generated by plot.py at 2018-03-27 23:42:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.28 Mbit/s
95th percentile per-packet one-way delay: 68.330 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 49.82 Mbit/s
95th percentile per-packet one-way delay: 67.581 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 70.415 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 31.23 Mbit/s
95th percentile per-packet one-way delay: 73.672 ms
Loss rate: 1.52%

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

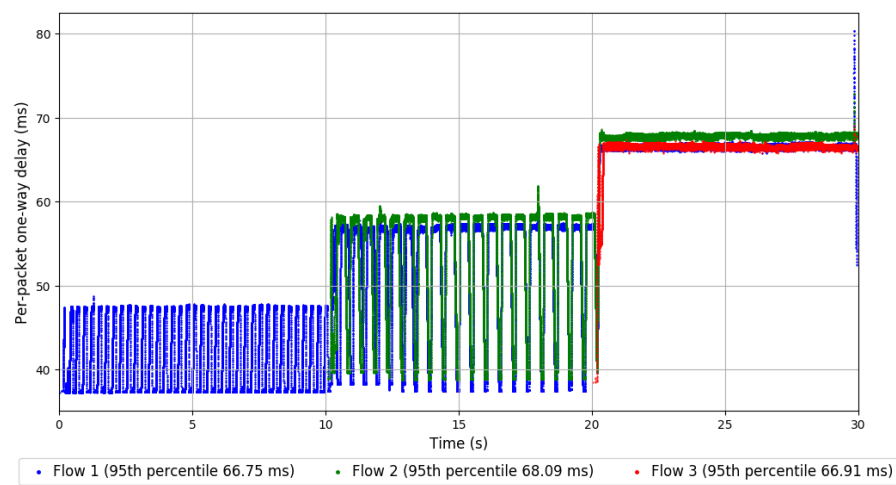
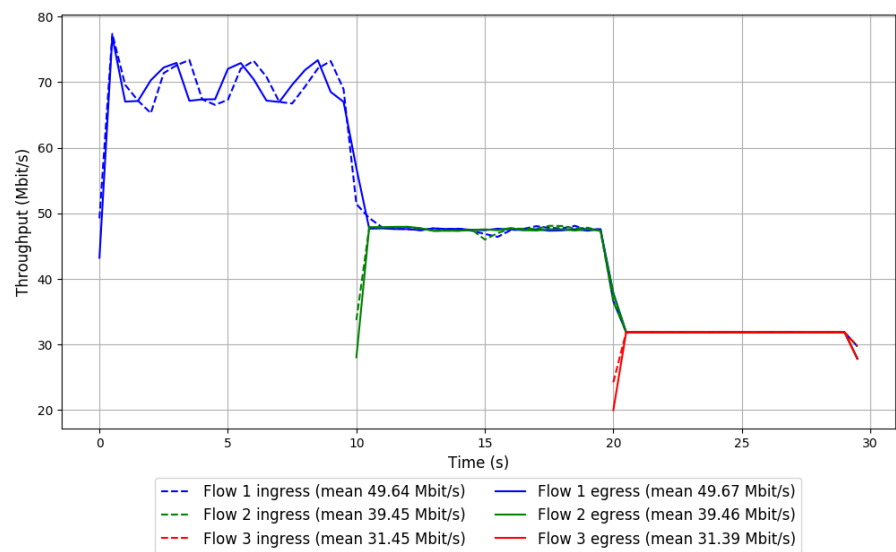


Run 5: Statistics of TaoVA-100x

Start at: 2018-03-27 16:11:45
End at: 2018-03-27 16:12:15
Local clock offset: 0.528 ms
Remote clock offset: -5.744 ms

Below is generated by plot.py at 2018-03-27 23:42:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 67.952 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 49.67 Mbit/s
95th percentile per-packet one-way delay: 66.750 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 68.087 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 66.914 ms
Loss rate: 0.98%

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

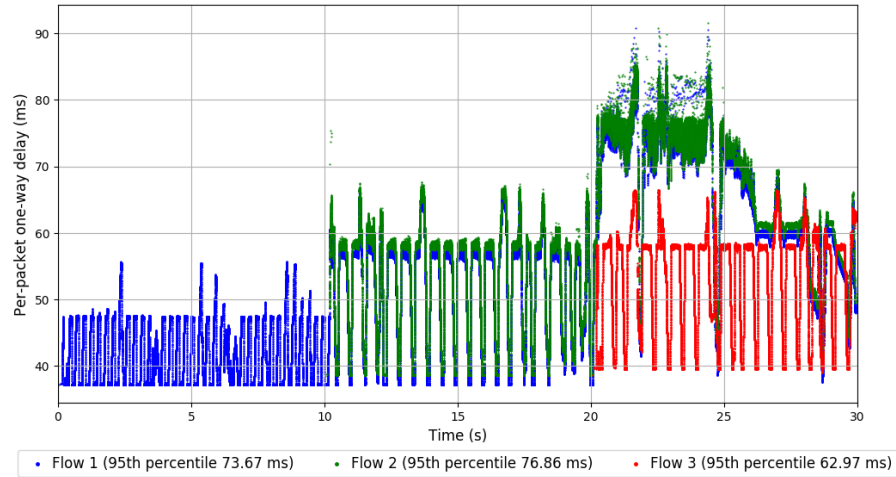
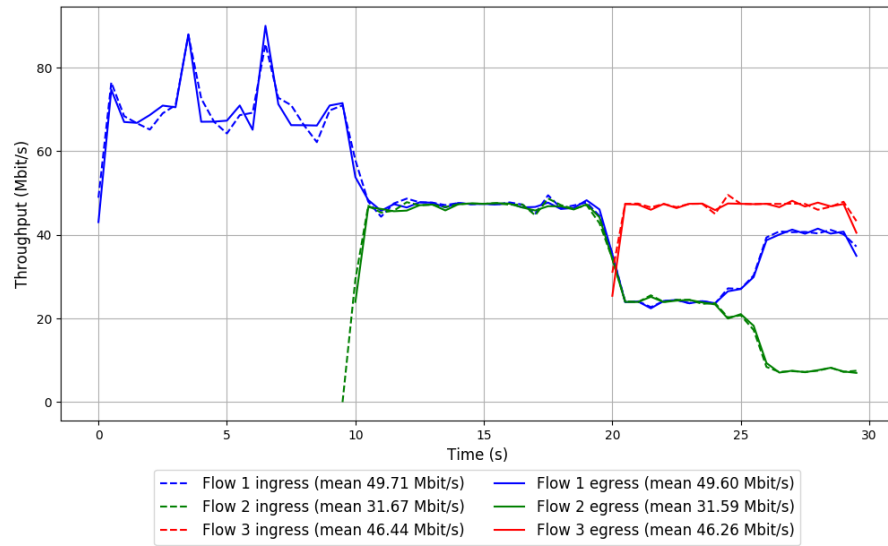


Run 6: Statistics of TaoVA-100x

Start at: 2018-03-27 16:36:45
End at: 2018-03-27 16:37:15
Local clock offset: -0.278 ms
Remote clock offset: -0.456 ms

Below is generated by plot.py at 2018-03-27 23:42:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 74.681 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 49.60 Mbit/s
95th percentile per-packet one-way delay: 73.666 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 76.860 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 46.26 Mbit/s
95th percentile per-packet one-way delay: 62.969 ms
Loss rate: 1.08%

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

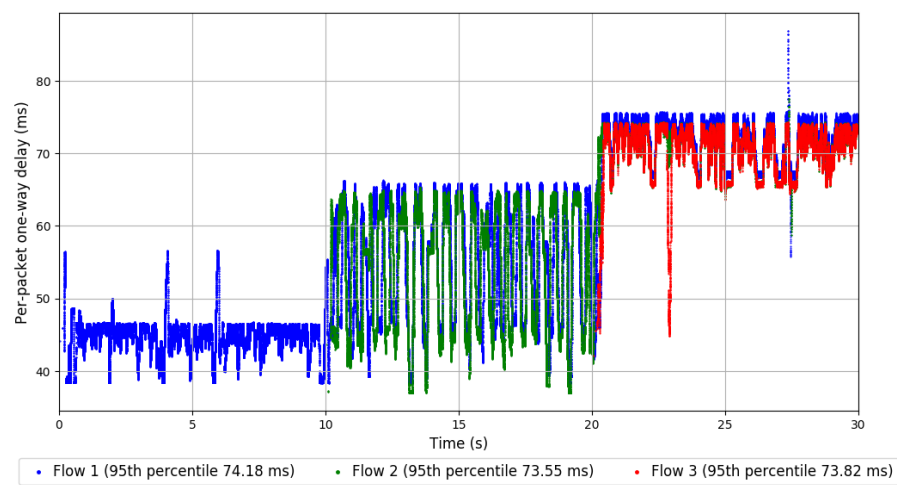
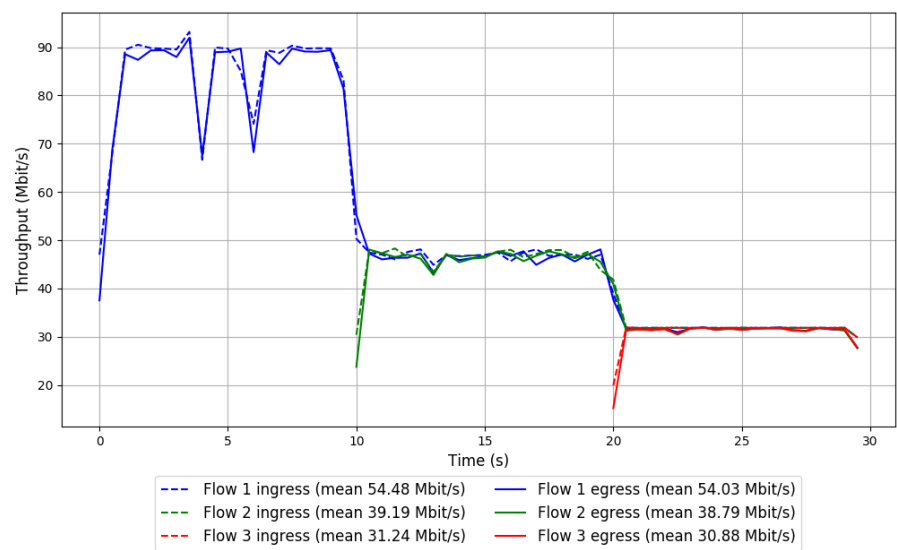


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-27 17:03:10
End at: 2018-03-27 17:03:41
Local clock offset: 0.78 ms
Remote clock offset: -2.955 ms

Below is generated by plot.py at 2018-03-27 23:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 73.810 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 74.179 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 38.79 Mbit/s
95th percentile per-packet one-way delay: 73.554 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 73.816 ms
Loss rate: 2.03%

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

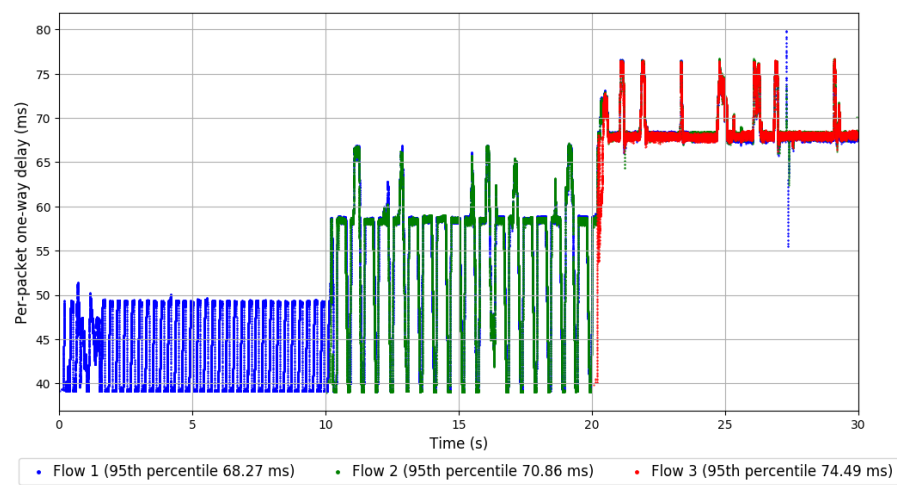
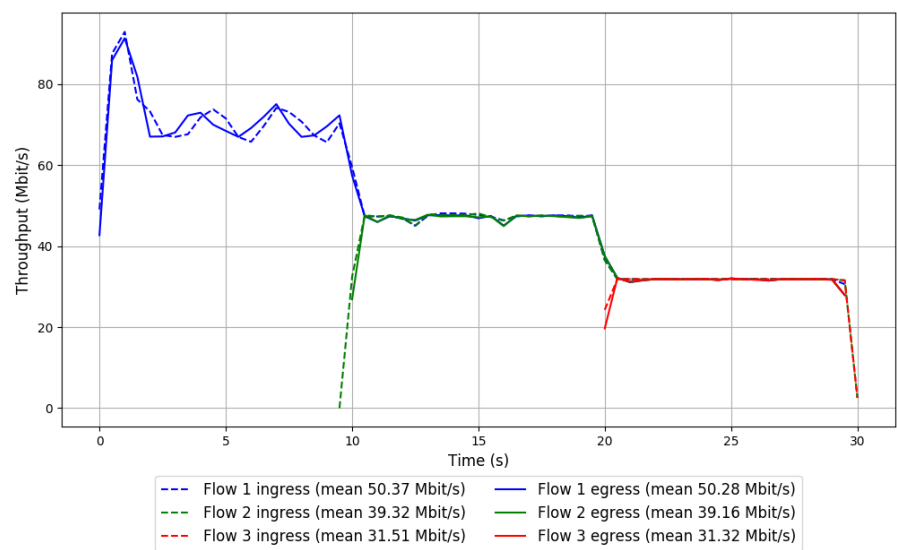


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-27 17:32:27
End at: 2018-03-27 17:32:57
Local clock offset: 2.56 ms
Remote clock offset: -7.739 ms

Below is generated by plot.py at 2018-03-27 23:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 70.321 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 68.266 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 39.16 Mbit/s
95th percentile per-packet one-way delay: 70.861 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 74.489 ms
Loss rate: 1.91%

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

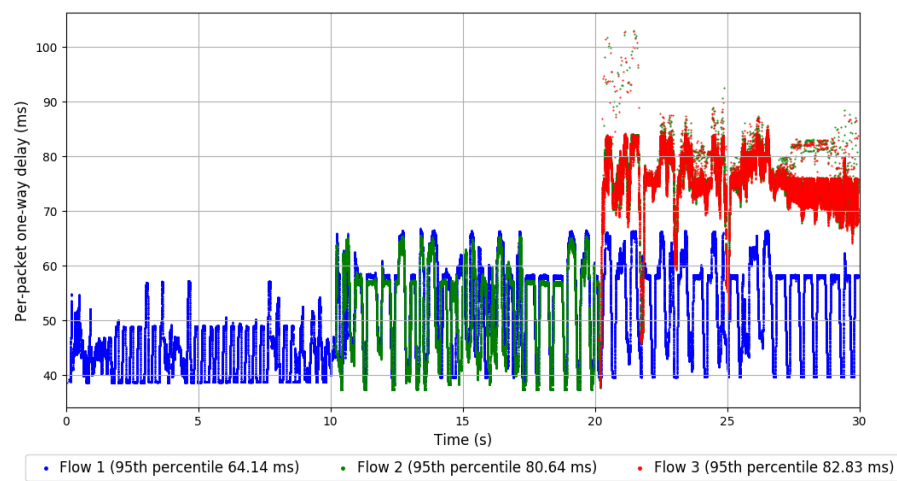
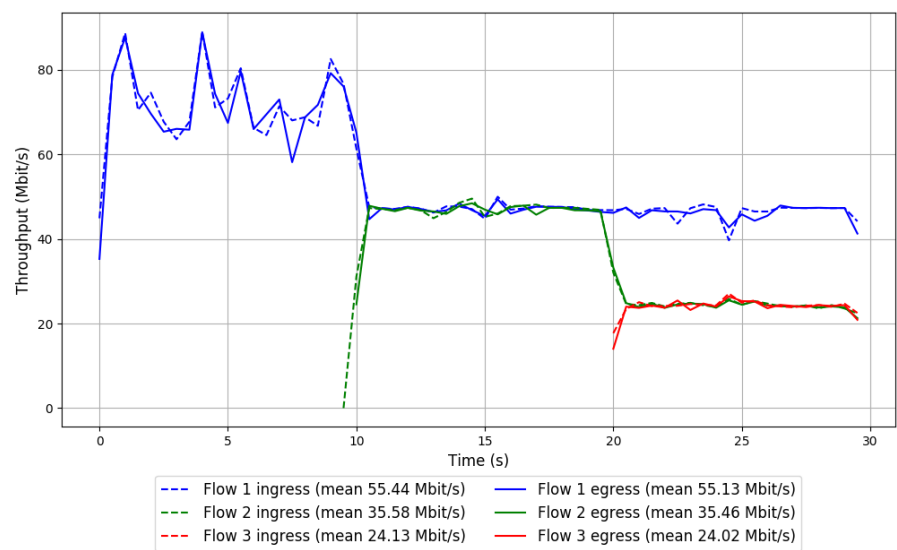


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-27 17:58:16
End at: 2018-03-27 17:58:46
Local clock offset: 2.487 ms
Remote clock offset: -5.294 ms

Below is generated by plot.py at 2018-03-27 23:44:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.64 Mbit/s
95th percentile per-packet one-way delay: 78.105 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 64.144 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 80.638 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 82.834 ms
Loss rate: 1.56%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-27 18:23:43

End at: 2018-03-27 18:24:13

Local clock offset: 2.011 ms

Remote clock offset: -5.5 ms

Below is generated by plot.py at 2018-03-27 23:45:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.32 Mbit/s

95th percentile per-packet one-way delay: 68.110 ms

Loss rate: 1.65%

-- Flow 1:

Average throughput: 43.03 Mbit/s

95th percentile per-packet one-way delay: 67.659 ms

Loss rate: 1.57%

-- Flow 2:

Average throughput: 45.15 Mbit/s

95th percentile per-packet one-way delay: 68.021 ms

Loss rate: 1.56%

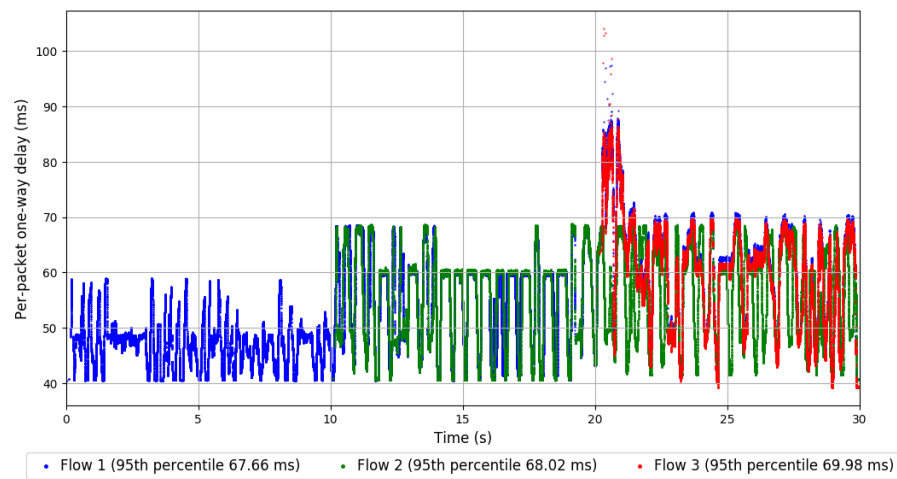
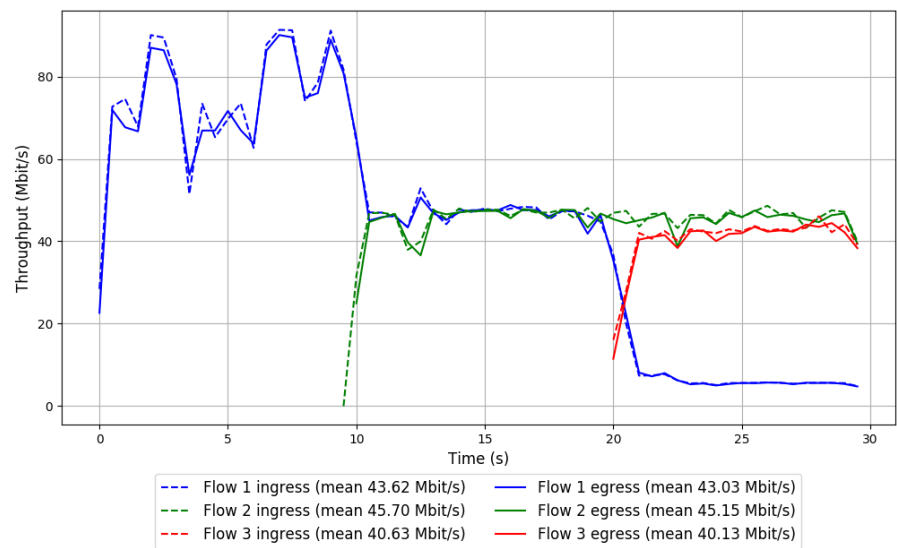
-- Flow 3:

Average throughput: 40.13 Mbit/s

95th percentile per-packet one-way delay: 69.984 ms

Loss rate: 2.08%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-03-27 14:24:02

End at: 2018-03-27 14:24:32

Local clock offset: 4.681 ms

Remote clock offset: -0.75 ms

Below is generated by plot.py at 2018-03-27 23:45:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 24.27 Mbit/s

95th percentile per-packet one-way delay: 56.098 ms

Loss rate: 0.37%

-- Flow 1:

Average throughput: 9.78 Mbit/s

95th percentile per-packet one-way delay: 54.091 ms

Loss rate: 0.50%

-- Flow 2:

Average throughput: 8.52 Mbit/s

95th percentile per-packet one-way delay: 45.076 ms

Loss rate: 0.30%

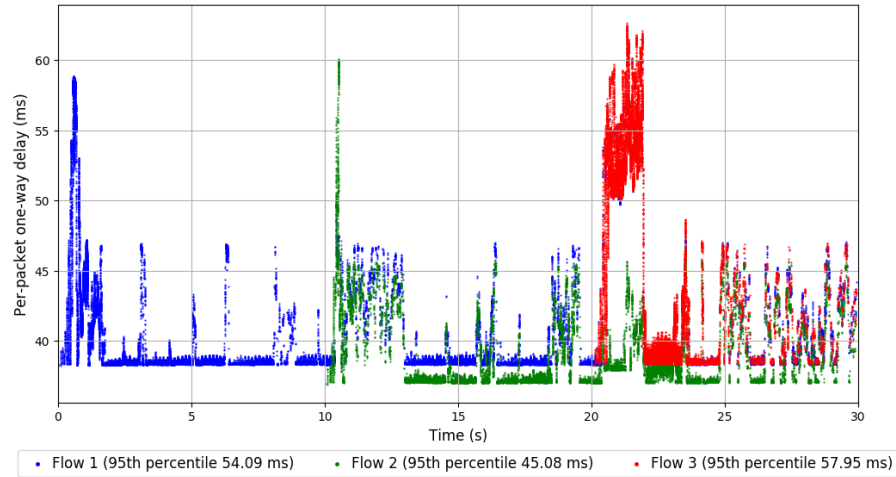
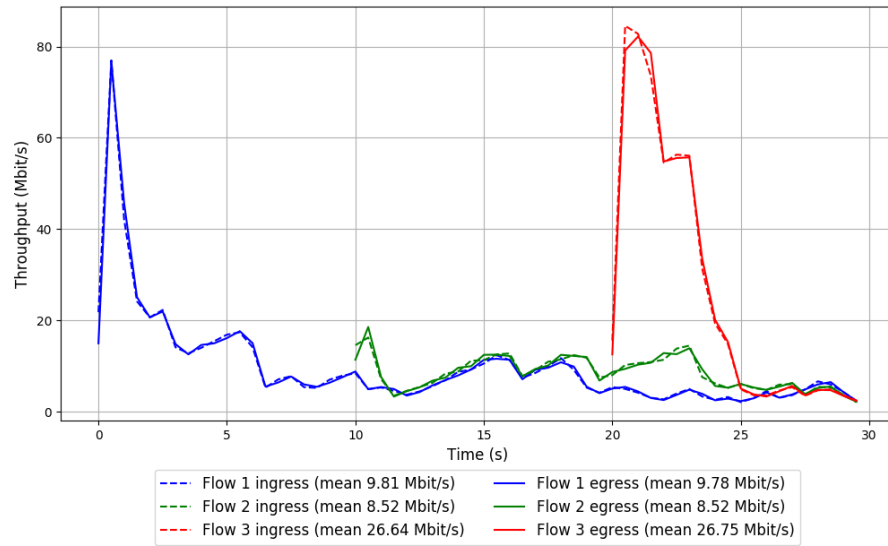
-- Flow 3:

Average throughput: 26.75 Mbit/s

95th percentile per-packet one-way delay: 57.953 ms

Loss rate: 0.28%

Run 1: Report of TCP Vegas — Data Link

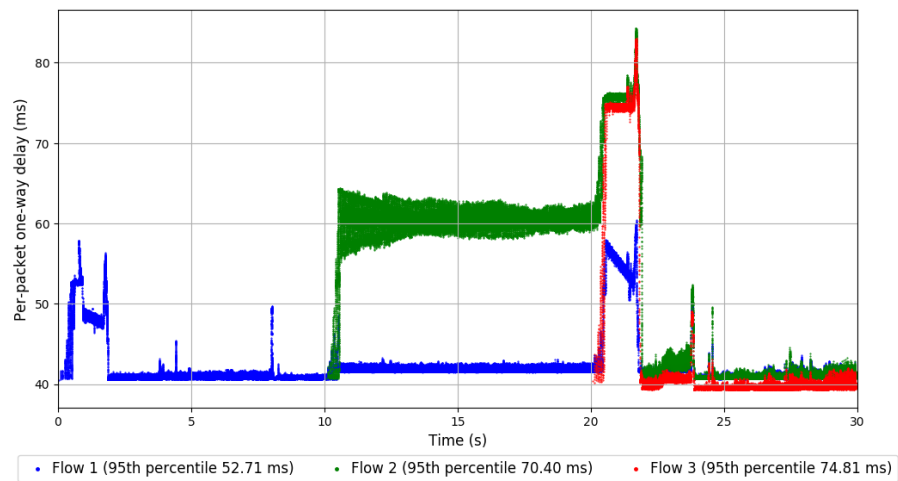
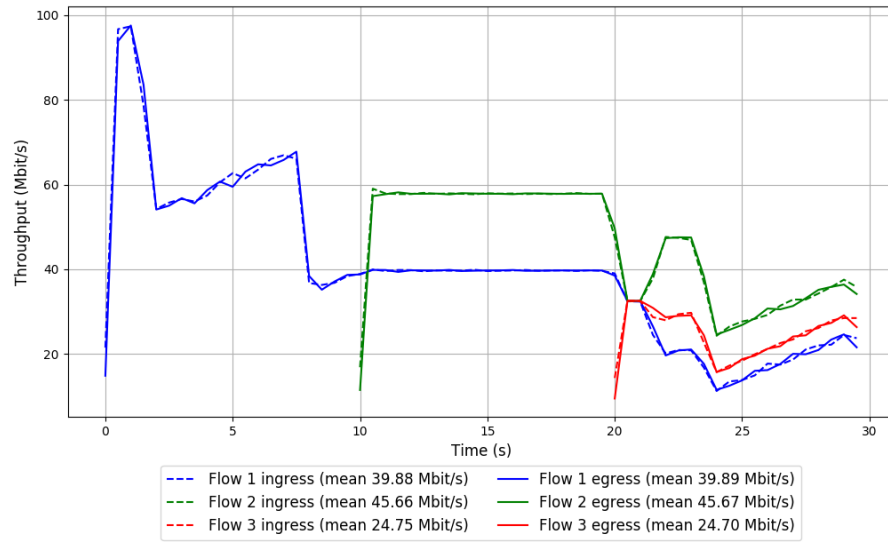


Run 2: Statistics of TCP Vegas

Start at: 2018-03-27 14:50:32
End at: 2018-03-27 14:51:02
Local clock offset: 4.353 ms
Remote clock offset: -1.698 ms

Below is generated by plot.py at 2018-03-27 23:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: 62.651 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 39.89 Mbit/s
95th percentile per-packet one-way delay: 52.709 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 70.404 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 74.805 ms
Loss rate: 0.86%

Run 2: Report of TCP Vegas — Data Link

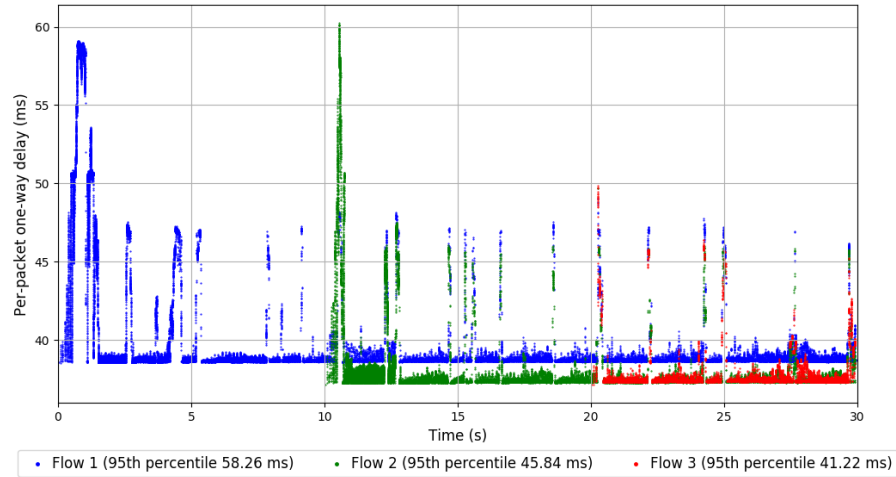
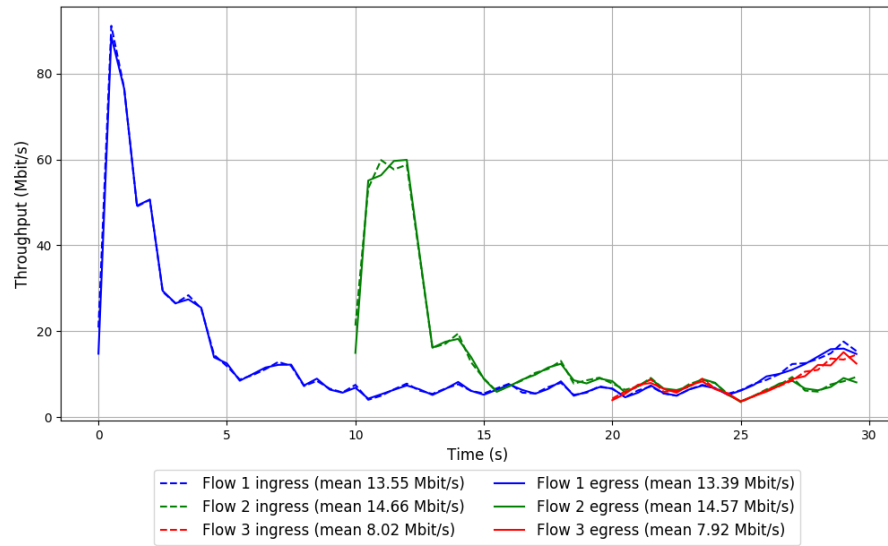


Run 3: Statistics of TCP Vegas

Start at: 2018-03-27 15:15:47
End at: 2018-03-27 15:16:17
Local clock offset: -0.453 ms
Remote clock offset: -0.792 ms

Below is generated by plot.py at 2018-03-27 23:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.69 Mbit/s
95th percentile per-packet one-way delay: 52.250 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 58.259 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 14.57 Mbit/s
95th percentile per-packet one-way delay: 45.837 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 41.223 ms
Loss rate: 1.87%

Run 3: Report of TCP Vegas — Data Link

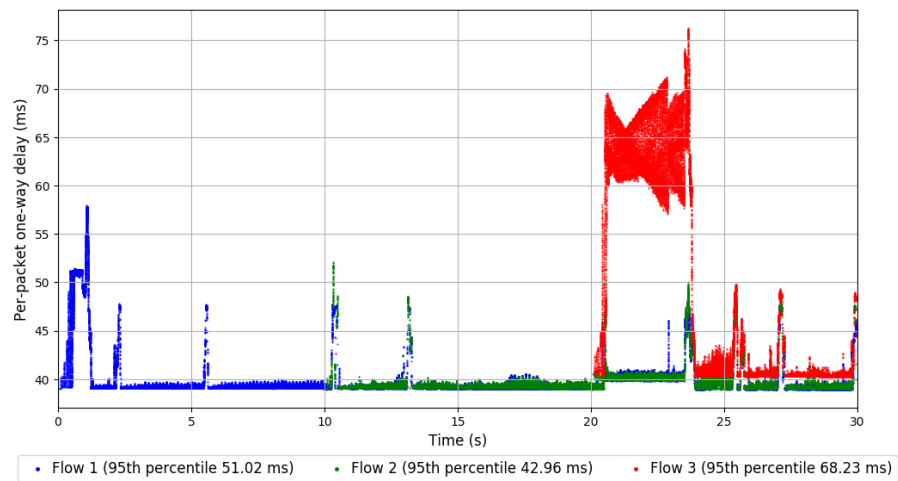
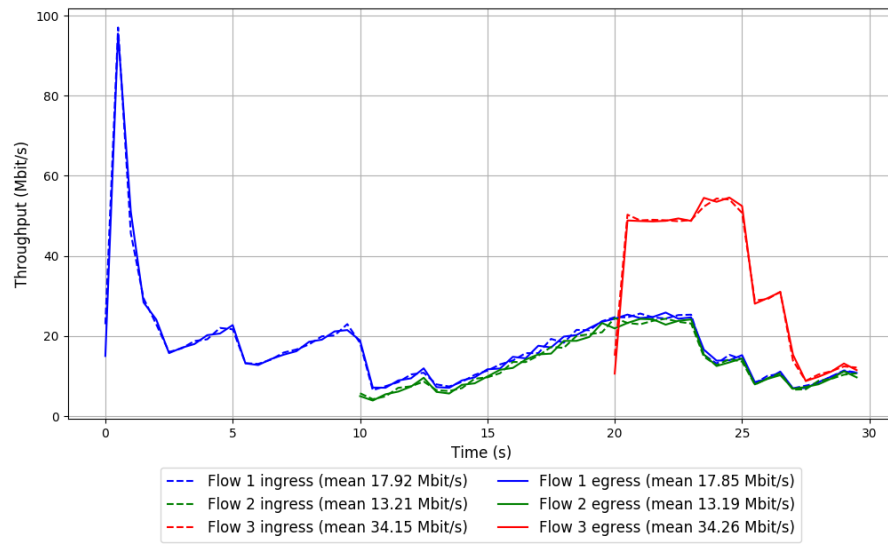


Run 4: Statistics of TCP Vegas

Start at: 2018-03-27 15:42:22
End at: 2018-03-27 15:42:52
Local clock offset: -0.193 ms
Remote clock offset: -5.434 ms

Below is generated by plot.py at 2018-03-27 23:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.95 Mbit/s
95th percentile per-packet one-way delay: 64.997 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 17.85 Mbit/s
95th percentile per-packet one-way delay: 51.019 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 13.19 Mbit/s
95th percentile per-packet one-way delay: 42.957 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 68.228 ms
Loss rate: 0.36%

Run 4: Report of TCP Vegas — Data Link

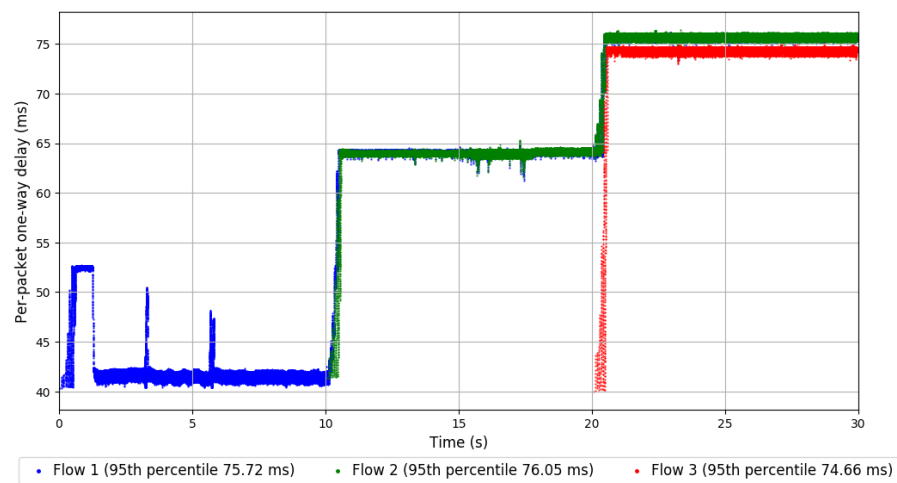
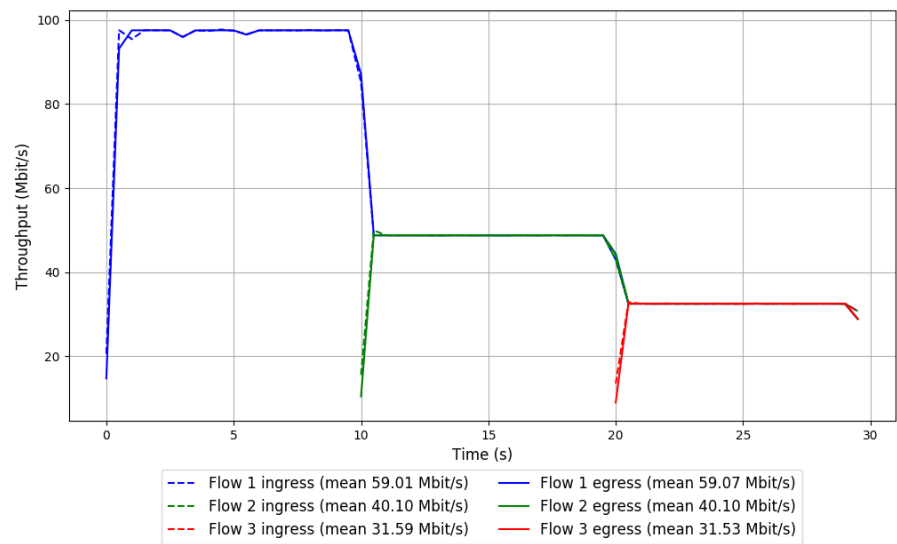


Run 5: Statistics of TCP Vegas

Start at: 2018-03-27 16:07:33
End at: 2018-03-27 16:08:03
Local clock offset: 0.954 ms
Remote clock offset: -8.497 ms

Below is generated by plot.py at 2018-03-27 23:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 75.836 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 75.722 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 76.047 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 31.53 Mbit/s
95th percentile per-packet one-way delay: 74.656 ms
Loss rate: 1.06%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-03-27 16:32:23

End at: 2018-03-27 16:32:53

Local clock offset: -0.305 ms

Remote clock offset: -0.74 ms

Below is generated by plot.py at 2018-03-27 23:45:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 44.18 Mbit/s

95th percentile per-packet one-way delay: 49.708 ms

Loss rate: 0.44%

-- Flow 1:

Average throughput: 25.68 Mbit/s

95th percentile per-packet one-way delay: 43.926 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 14.11 Mbit/s

95th percentile per-packet one-way delay: 45.224 ms

Loss rate: 0.61%

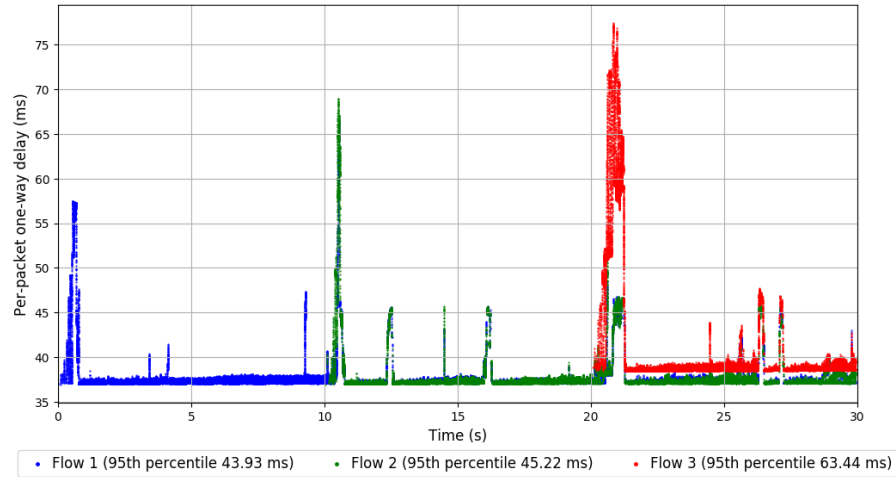
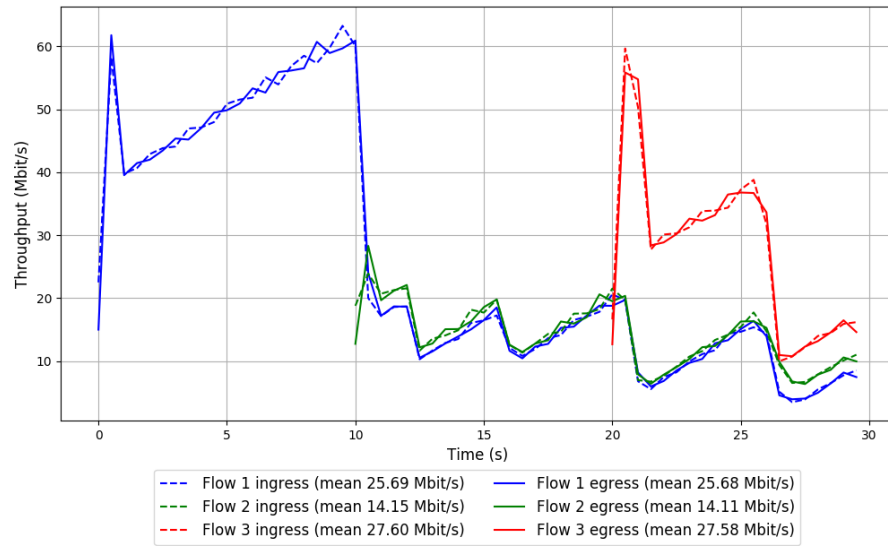
-- Flow 3:

Average throughput: 27.58 Mbit/s

95th percentile per-packet one-way delay: 63.440 ms

Loss rate: 0.75%

Run 6: Report of TCP Vegas — Data Link

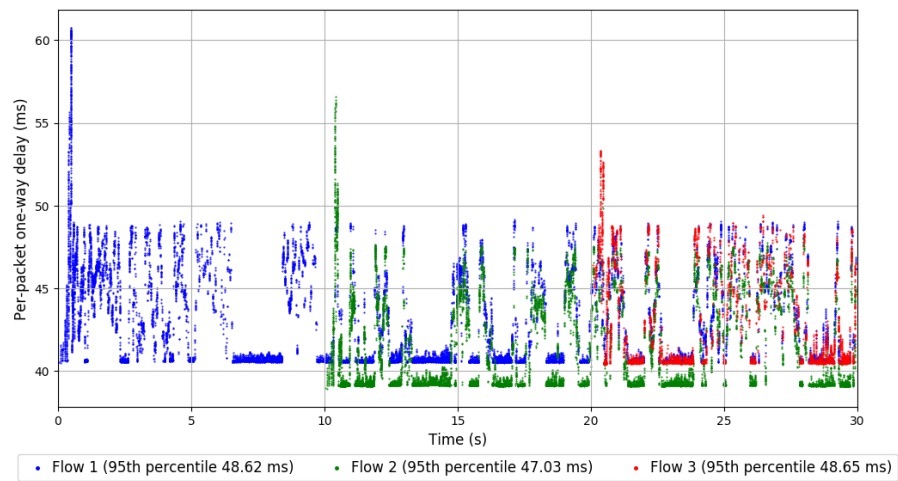
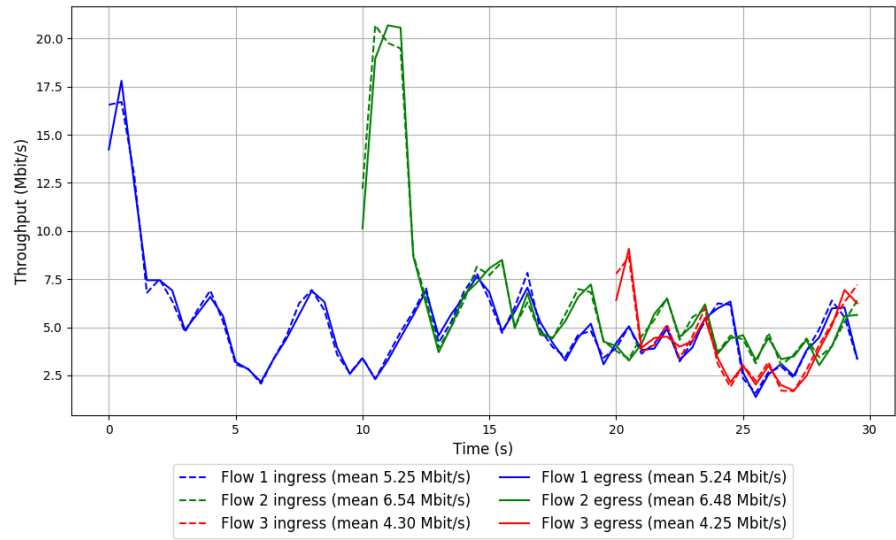


Run 7: Statistics of TCP Vegas

Start at: 2018-03-27 16:57:53
End at: 2018-03-27 16:58:23
Local clock offset: 0.76 ms
Remote clock offset: -4.556 ms

Below is generated by plot.py at 2018-03-27 23:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 48.373 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 5.24 Mbit/s
95th percentile per-packet one-way delay: 48.616 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 6.48 Mbit/s
95th percentile per-packet one-way delay: 47.026 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 48.650 ms
Loss rate: 1.99%

Run 7: Report of TCP Vegas — Data Link

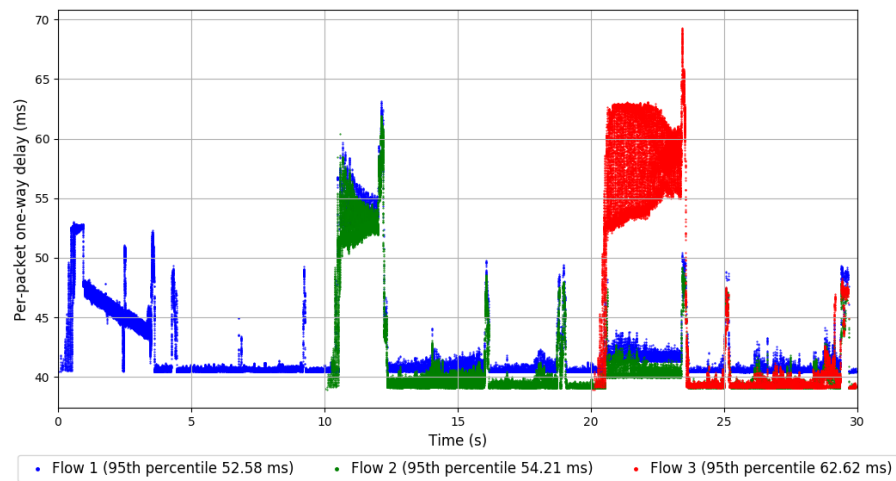
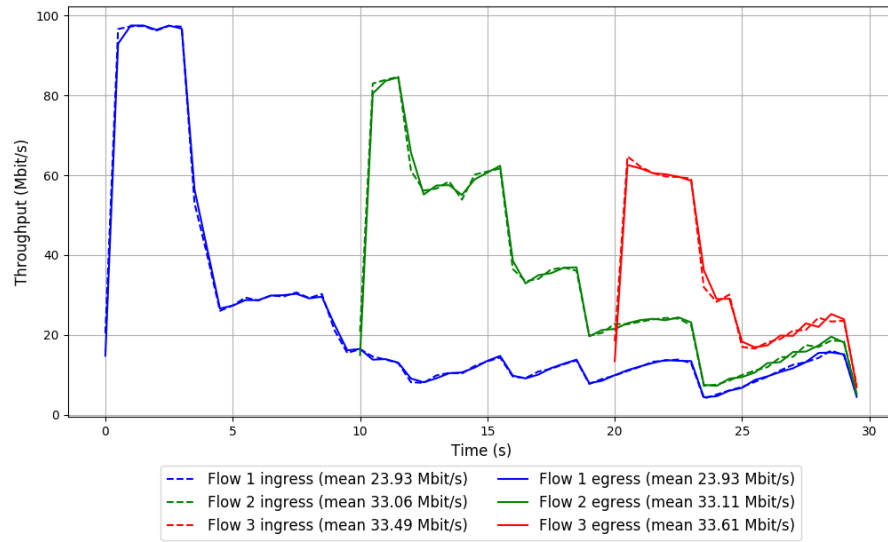


Run 8: Statistics of TCP Vegas

Start at: 2018-03-27 17:27:54
End at: 2018-03-27 17:28:24
Local clock offset: 2.233 ms
Remote clock offset: -7.318 ms

```
# Below is generated by plot.py at 2018-03-27 23:45:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 57.06 Mbit/s
95th percentile per-packet one-way delay: 59.063 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 52.575 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 33.11 Mbit/s
95th percentile per-packet one-way delay: 54.212 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 33.61 Mbit/s
95th percentile per-packet one-way delay: 62.623 ms
Loss rate: 0.32%
```

Run 8: Report of TCP Vegas — Data Link

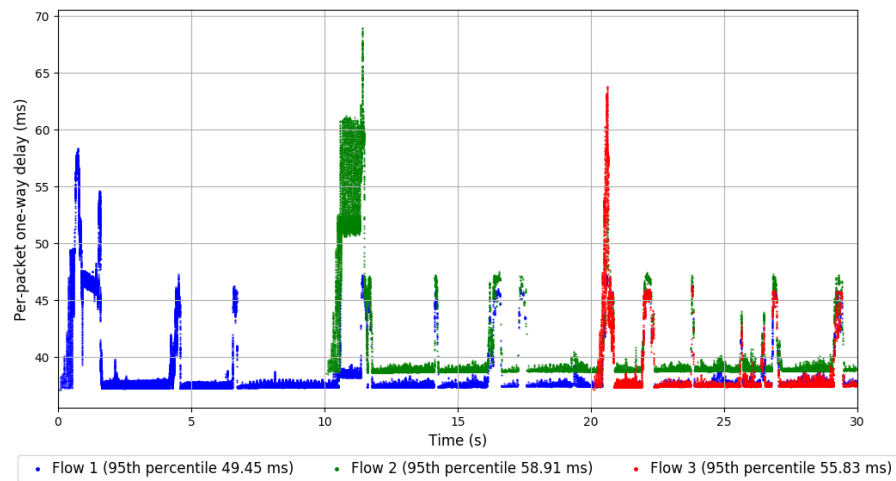
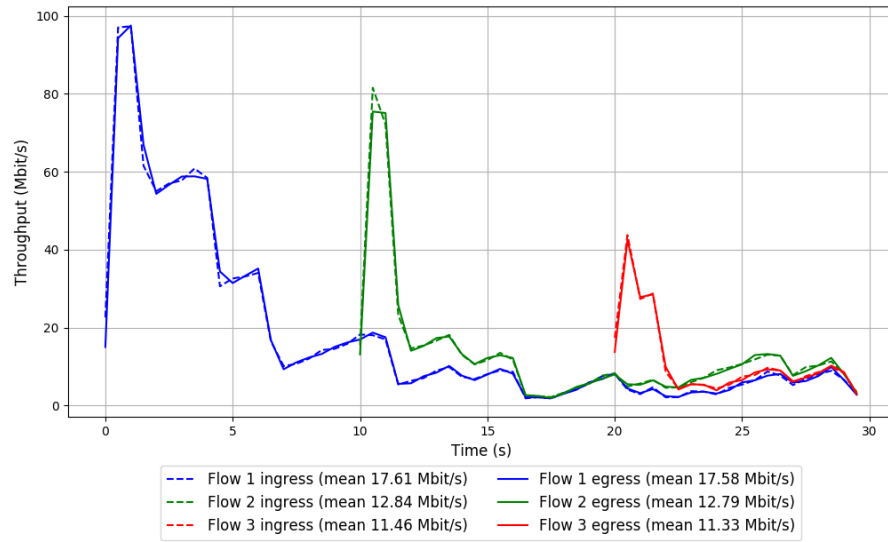


Run 9: Statistics of TCP Vegas

Start at: 2018-03-27 17:53:55
End at: 2018-03-27 17:54:25
Local clock offset: 2.816 ms
Remote clock offset: -6.477 ms

Below is generated by plot.py at 2018-03-27 23:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 54.370 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 17.58 Mbit/s
95th percentile per-packet one-way delay: 49.452 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 58.909 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 11.33 Mbit/s
95th percentile per-packet one-way delay: 55.830 ms
Loss rate: 1.77%

Run 9: Report of TCP Vegas — Data Link

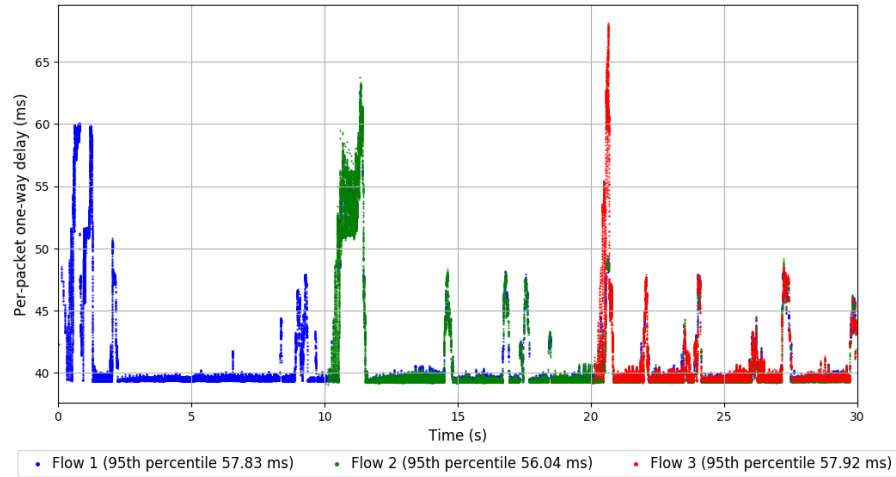
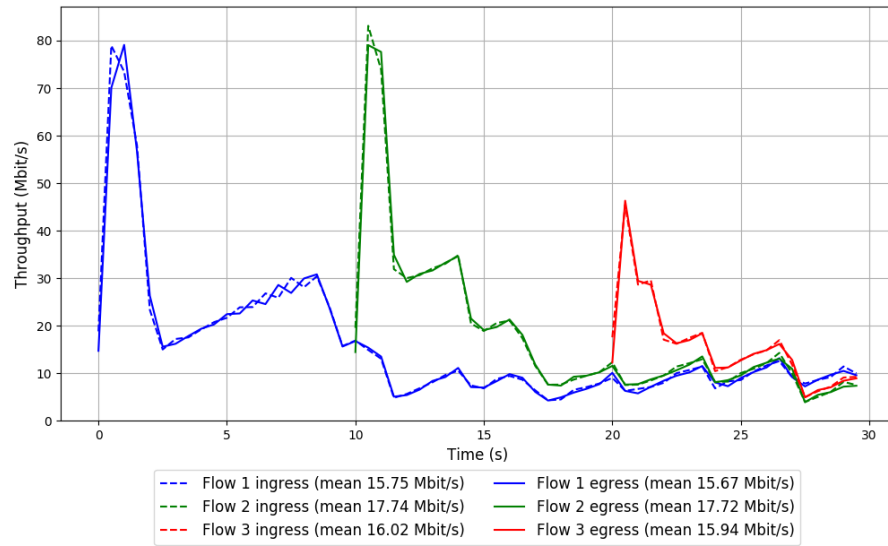


Run 10: Statistics of TCP Vegas

Start at: 2018-03-27 18:19:12
End at: 2018-03-27 18:19:42
Local clock offset: 2.039 ms
Remote clock offset: -5.589 ms

Below is generated by plot.py at 2018-03-27 23:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 56.898 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 57.832 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 17.72 Mbit/s
95th percentile per-packet one-way delay: 56.037 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 57.924 ms
Loss rate: 1.19%

Run 10: Report of TCP Vegas — Data Link

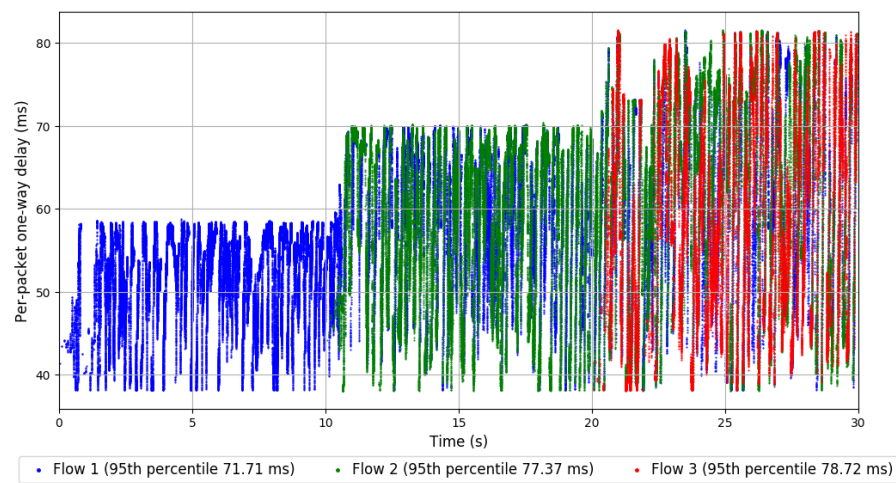
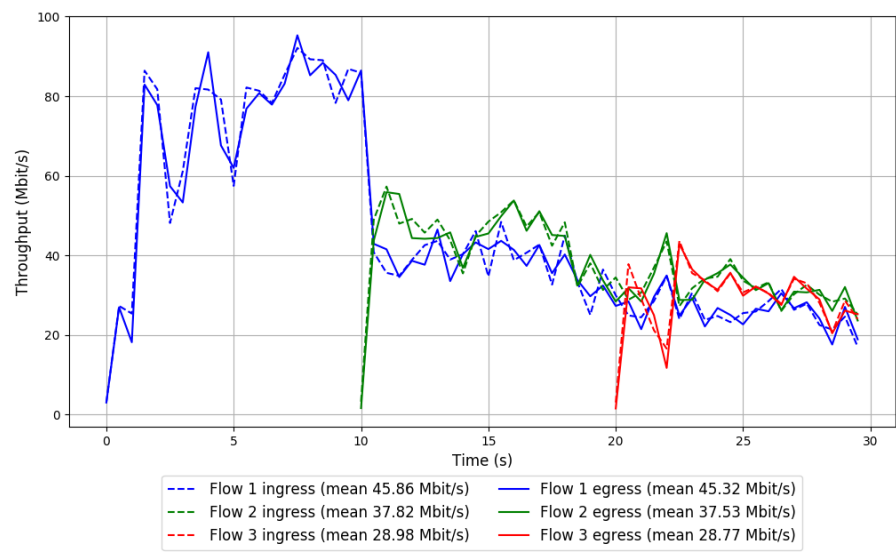


Run 1: Statistics of Verus

Start at: 2018-03-27 14:25:29
End at: 2018-03-27 14:25:59
Local clock offset: 4.814 ms
Remote clock offset: -0.269 ms

Below is generated by plot.py at 2018-03-27 23:45:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 76.143 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 45.32 Mbit/s
95th percentile per-packet one-way delay: 71.709 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 37.53 Mbit/s
95th percentile per-packet one-way delay: 77.367 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 78.715 ms
Loss rate: 1.40%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-03-27 14:51:55

End at: 2018-03-27 14:52:25

Local clock offset: 4.367 ms

Remote clock offset: 0.564 ms

Below is generated by plot.py at 2018-03-27 23:45:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.37 Mbit/s

95th percentile per-packet one-way delay: 73.453 ms

Loss rate: 0.59%

-- Flow 1:

Average throughput: 52.93 Mbit/s

95th percentile per-packet one-way delay: 71.978 ms

Loss rate: 0.39%

-- Flow 2:

Average throughput: 37.19 Mbit/s

95th percentile per-packet one-way delay: 72.040 ms

Loss rate: 0.67%

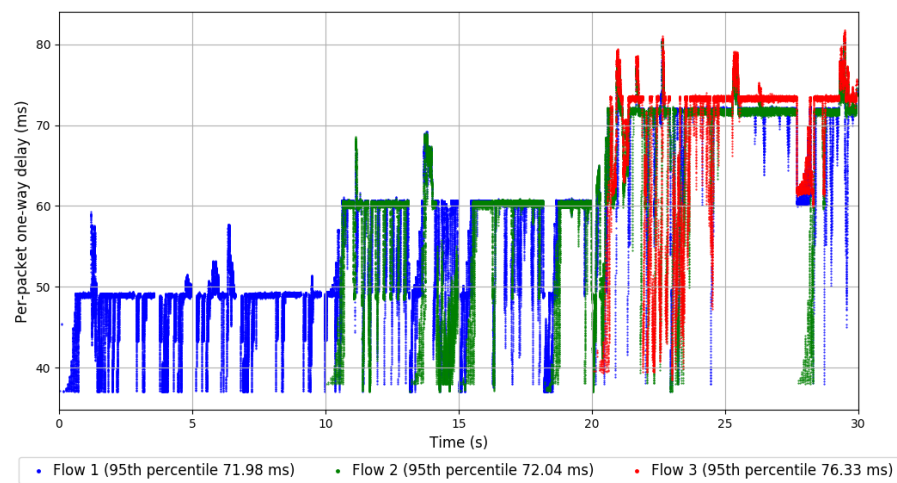
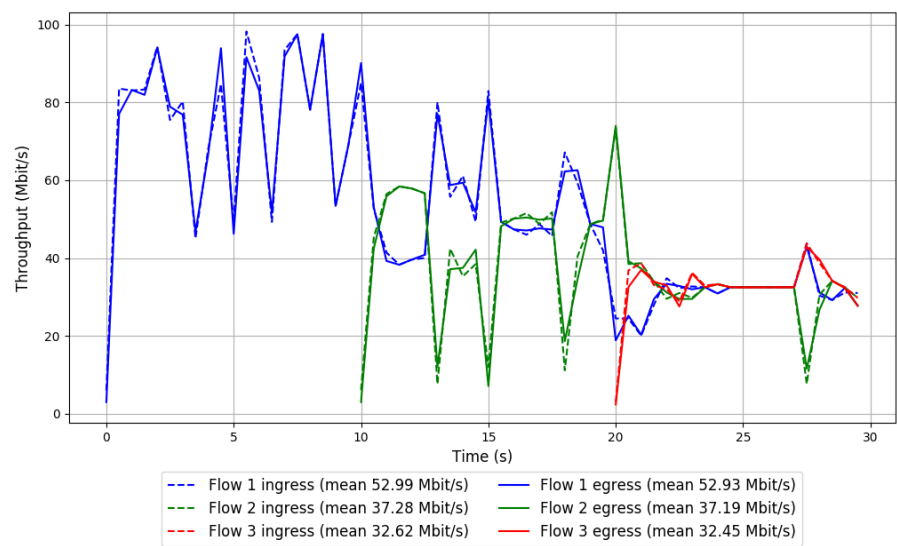
-- Flow 3:

Average throughput: 32.45 Mbit/s

95th percentile per-packet one-way delay: 76.328 ms

Loss rate: 1.38%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-03-27 15:17:06

End at: 2018-03-27 15:17:36

Local clock offset: -0.602 ms

Remote clock offset: -0.83 ms

Below is generated by plot.py at 2018-03-27 23:45:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.43 Mbit/s

95th percentile per-packet one-way delay: 84.500 ms

Loss rate: 1.17%

-- Flow 1:

Average throughput: 52.23 Mbit/s

95th percentile per-packet one-way delay: 84.544 ms

Loss rate: 0.88%

-- Flow 2:

Average throughput: 44.11 Mbit/s

95th percentile per-packet one-way delay: 68.390 ms

Loss rate: 1.35%

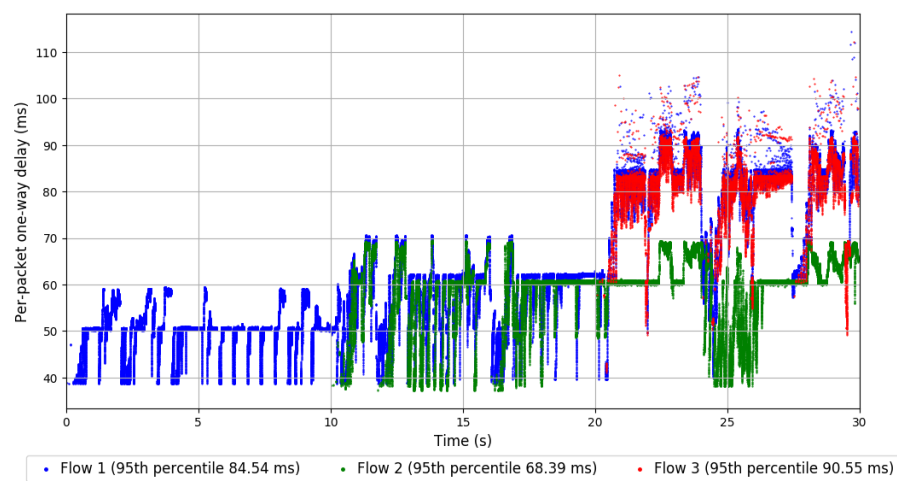
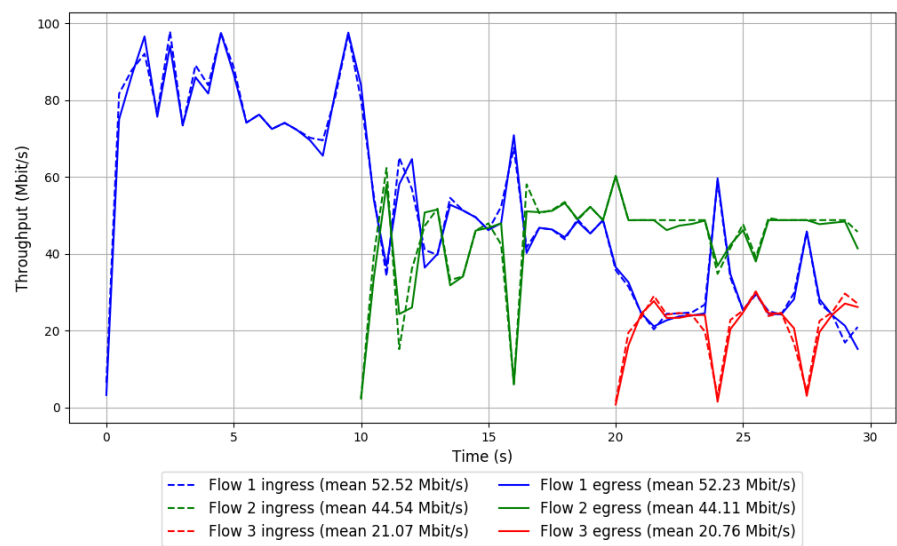
-- Flow 3:

Average throughput: 20.76 Mbit/s

95th percentile per-packet one-way delay: 90.549 ms

Loss rate: 2.53%

Run 3: Report of Verus — Data Link

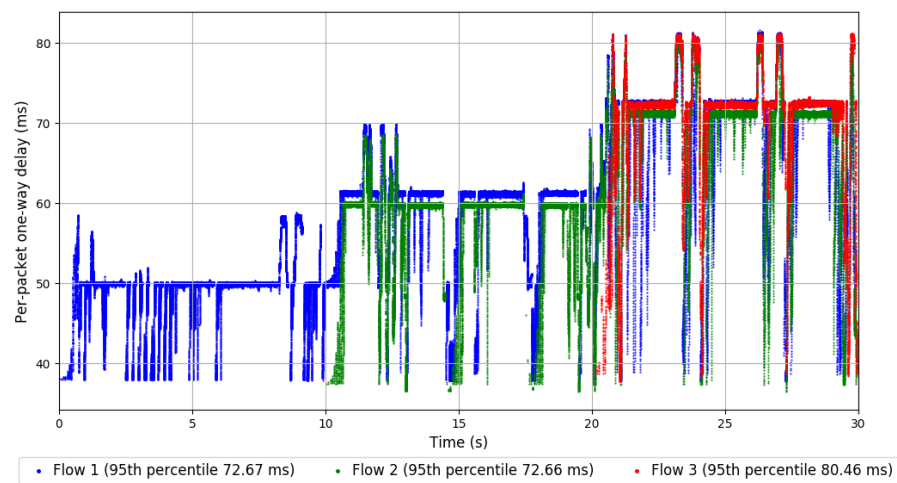
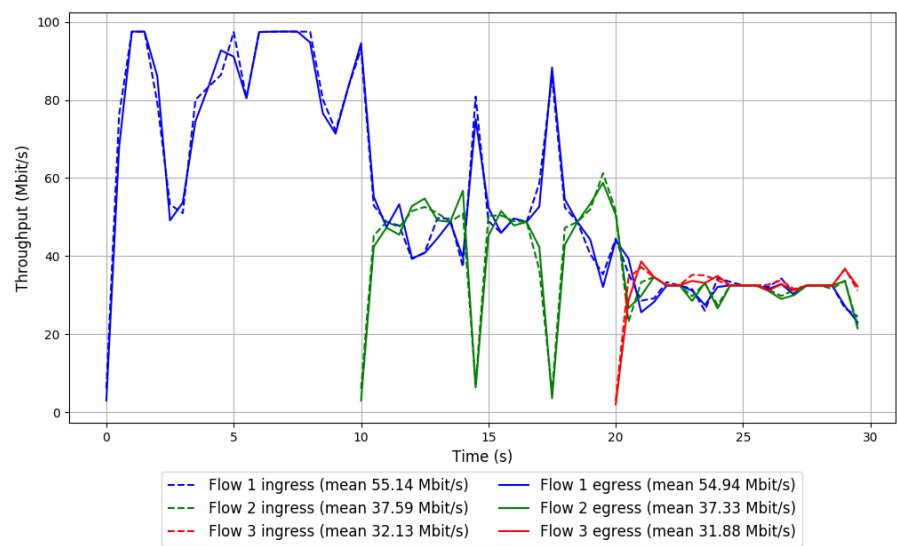


Run 4: Statistics of Verus

Start at: 2018-03-27 15:43:44
End at: 2018-03-27 15:44:14
Local clock offset: -0.035 ms
Remote clock offset: -3.195 ms

Below is generated by plot.py at 2018-03-27 23:45:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 72.771 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 54.94 Mbit/s
95th percentile per-packet one-way delay: 72.672 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 37.33 Mbit/s
95th percentile per-packet one-way delay: 72.660 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 80.456 ms
Loss rate: 1.47%

Run 4: Report of Verus — Data Link

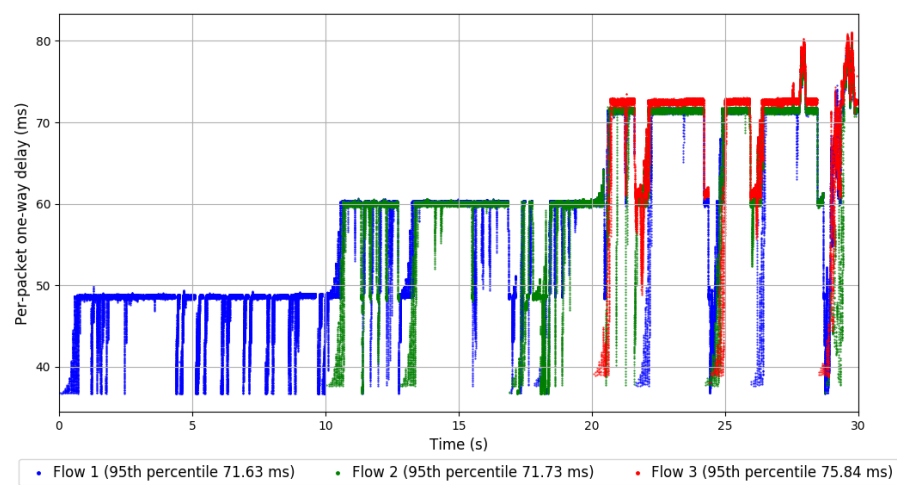
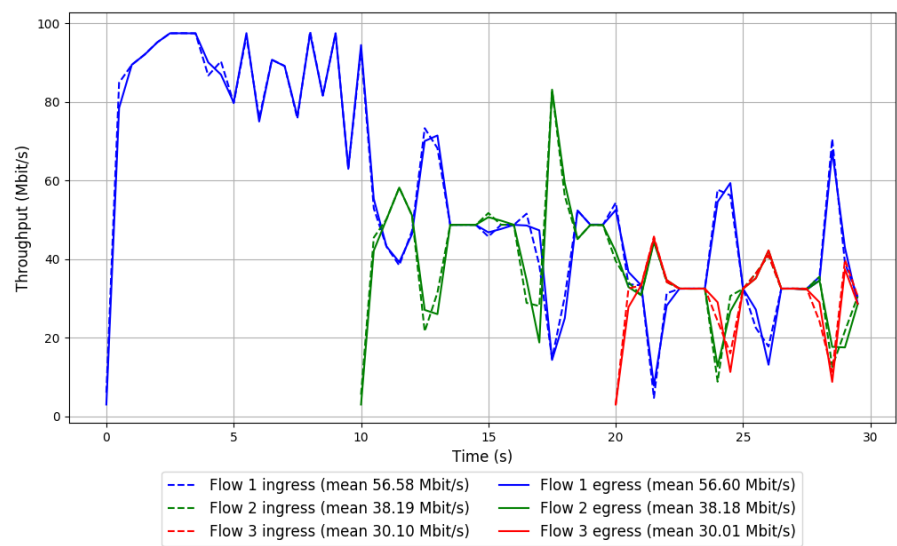


Run 5: Statistics of Verus

Start at: 2018-03-27 16:08:56
End at: 2018-03-27 16:09:26
Local clock offset: 0.839 ms
Remote clock offset: -6.054 ms

Below is generated by plot.py at 2018-03-27 23:45:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 72.683 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 56.60 Mbit/s
95th percentile per-packet one-way delay: 71.634 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 71.730 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 30.01 Mbit/s
95th percentile per-packet one-way delay: 75.842 ms
Loss rate: 1.15%

Run 5: Report of Verus — Data Link

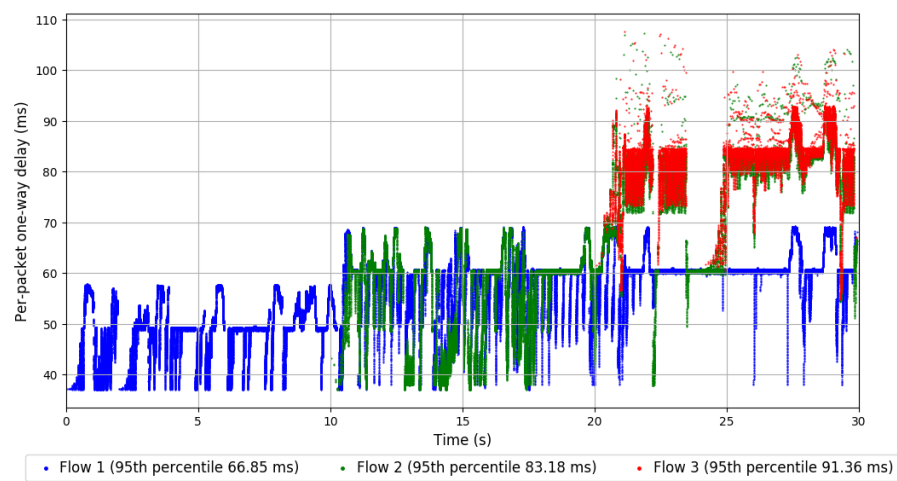
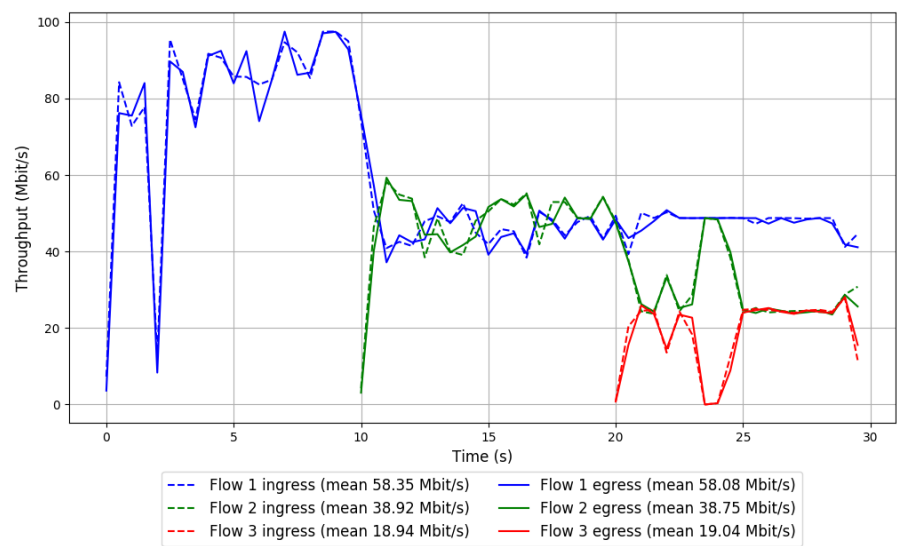


Run 6: Statistics of Verus

Start at: 2018-03-27 16:33:51
End at: 2018-03-27 16:34:21
Local clock offset: -0.335 ms
Remote clock offset: -0.639 ms

Below is generated by plot.py at 2018-03-27 23:45:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 83.223 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 66.849 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 83.176 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 19.04 Mbit/s
95th percentile per-packet one-way delay: 91.359 ms
Loss rate: 0.38%

Run 6: Report of Verus — Data Link

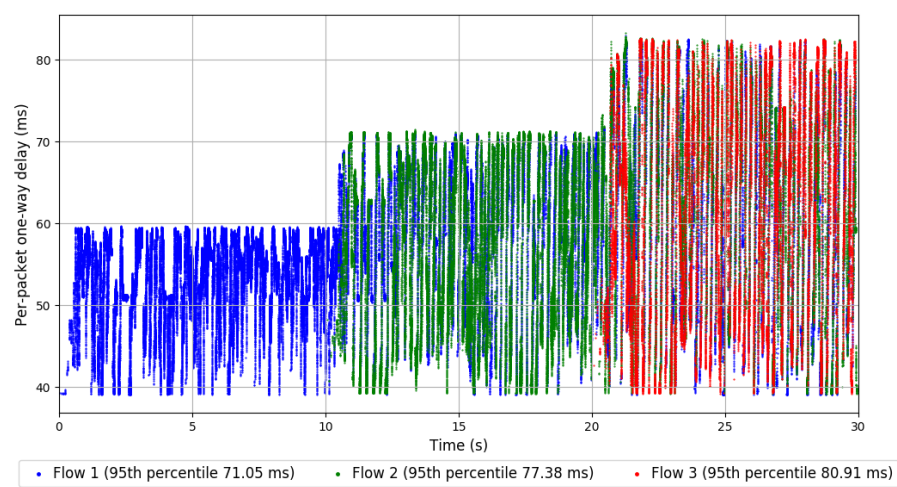
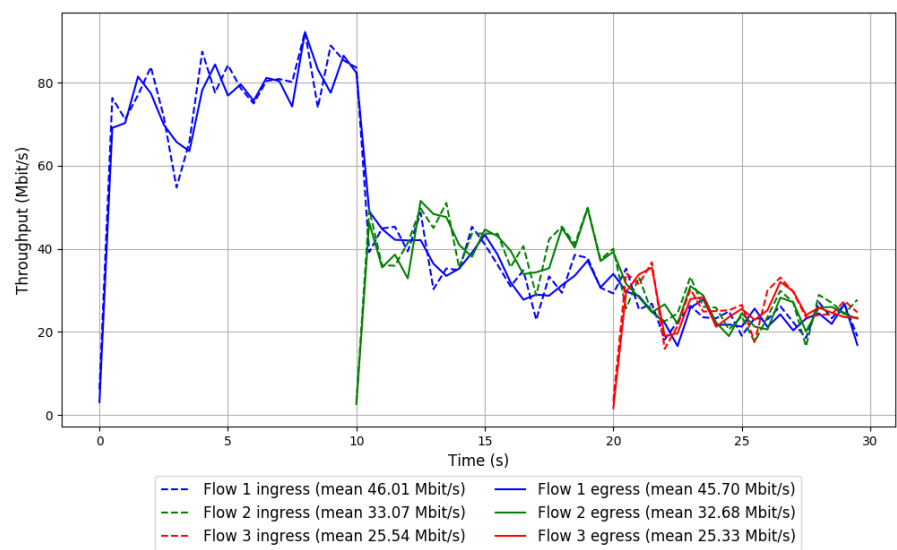


Run 7: Statistics of Verus

Start at: 2018-03-27 16:59:17
End at: 2018-03-27 16:59:47
Local clock offset: 0.784 ms
Remote clock offset: -4.731 ms

Below is generated by plot.py at 2018-03-27 23:45:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.65 Mbit/s
95th percentile per-packet one-way delay: 76.905 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 45.70 Mbit/s
95th percentile per-packet one-way delay: 71.048 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 32.68 Mbit/s
95th percentile per-packet one-way delay: 77.381 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 25.33 Mbit/s
95th percentile per-packet one-way delay: 80.912 ms
Loss rate: 2.34%

Run 7: Report of Verus — Data Link

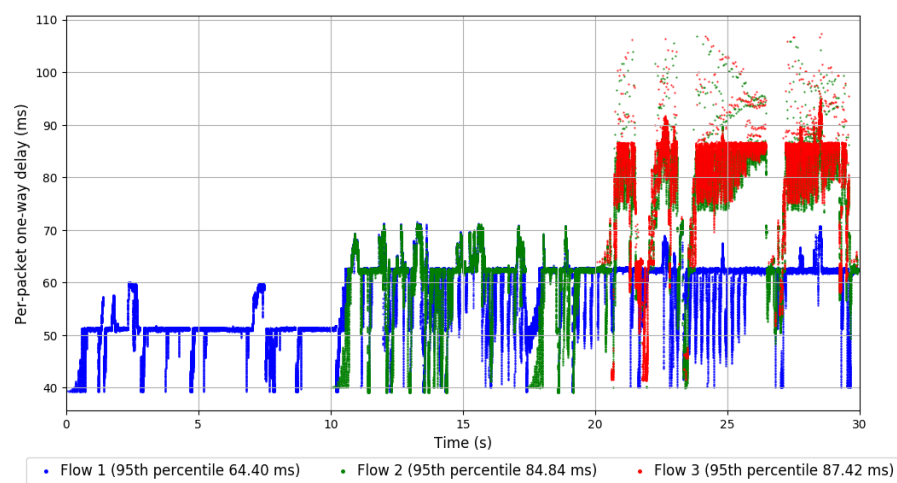
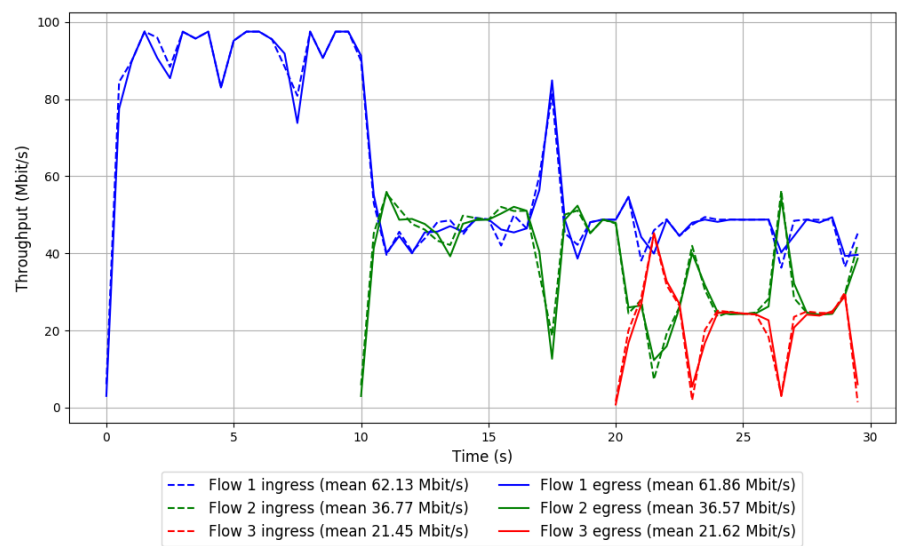


Run 8: Statistics of Verus

Start at: 2018-03-27 17:29:27
End at: 2018-03-27 17:29:57
Local clock offset: 2.401 ms
Remote clock offset: -7.509 ms

Below is generated by plot.py at 2018-03-27 23:46:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 84.634 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 61.86 Mbit/s
95th percentile per-packet one-way delay: 64.398 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 36.57 Mbit/s
95th percentile per-packet one-way delay: 84.845 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 21.62 Mbit/s
95th percentile per-packet one-way delay: 87.418 ms
Loss rate: 0.11%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-03-27 17:55:17

End at: 2018-03-27 17:55:47

Local clock offset: 2.682 ms

Remote clock offset: -6.1 ms

Below is generated by plot.py at 2018-03-27 23:46:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.00 Mbit/s

95th percentile per-packet one-way delay: 73.848 ms

Loss rate: 1.17%

-- Flow 1:

Average throughput: 52.55 Mbit/s

95th percentile per-packet one-way delay: 73.738 ms

Loss rate: 1.07%

-- Flow 2:

Average throughput: 36.09 Mbit/s

95th percentile per-packet one-way delay: 73.791 ms

Loss rate: 1.09%

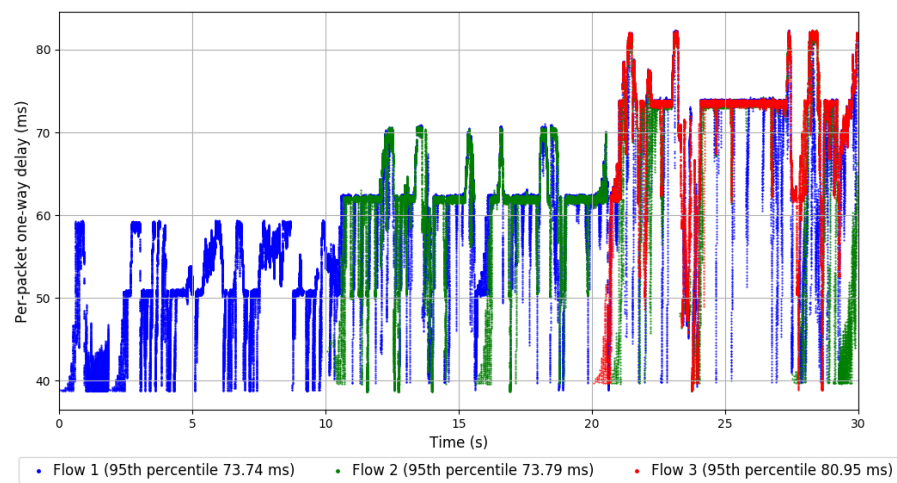
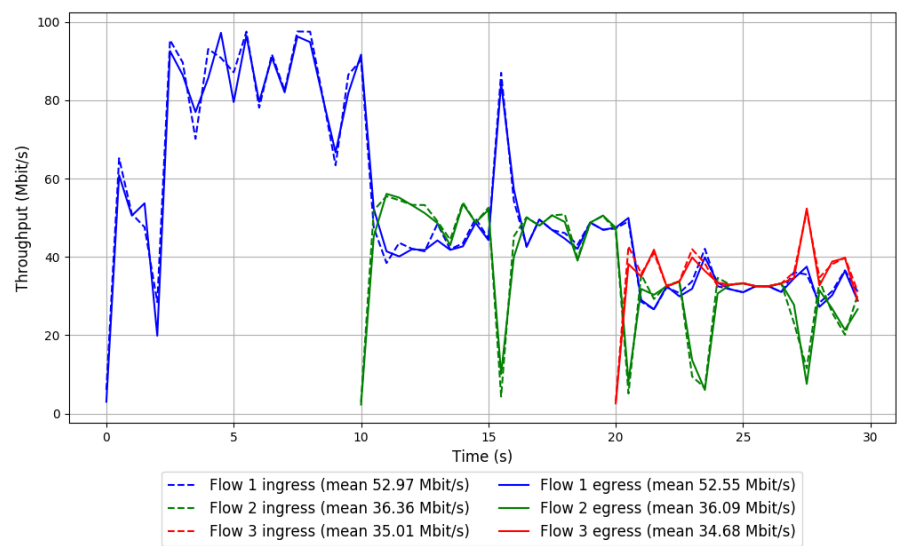
-- Flow 3:

Average throughput: 34.68 Mbit/s

95th percentile per-packet one-way delay: 80.954 ms

Loss rate: 1.80%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-03-27 18:20:38

End at: 2018-03-27 18:21:08

Local clock offset: 2.006 ms

Remote clock offset: -5.49 ms

Below is generated by plot.py at 2018-03-27 23:46:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.40 Mbit/s

95th percentile per-packet one-way delay: 74.204 ms

Loss rate: 1.40%

-- Flow 1:

Average throughput: 45.69 Mbit/s

95th percentile per-packet one-way delay: 73.914 ms

Loss rate: 1.63%

-- Flow 2:

Average throughput: 38.83 Mbit/s

95th percentile per-packet one-way delay: 74.164 ms

Loss rate: 1.25%

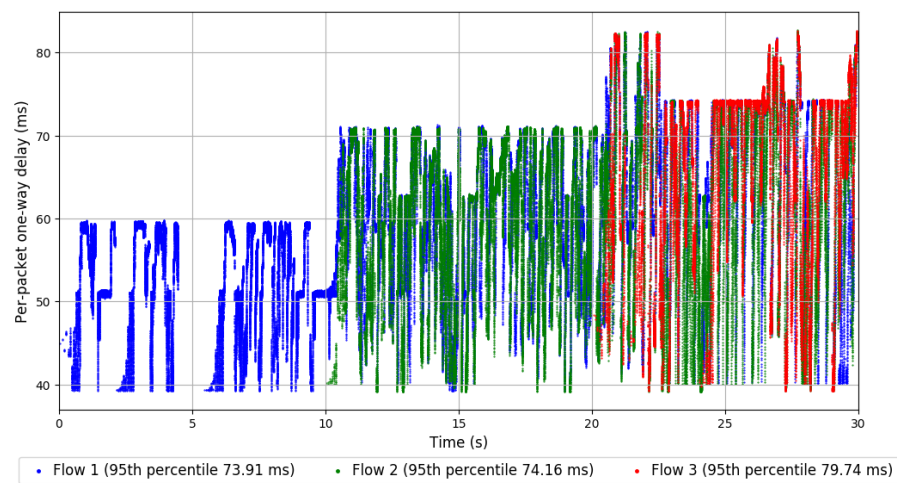
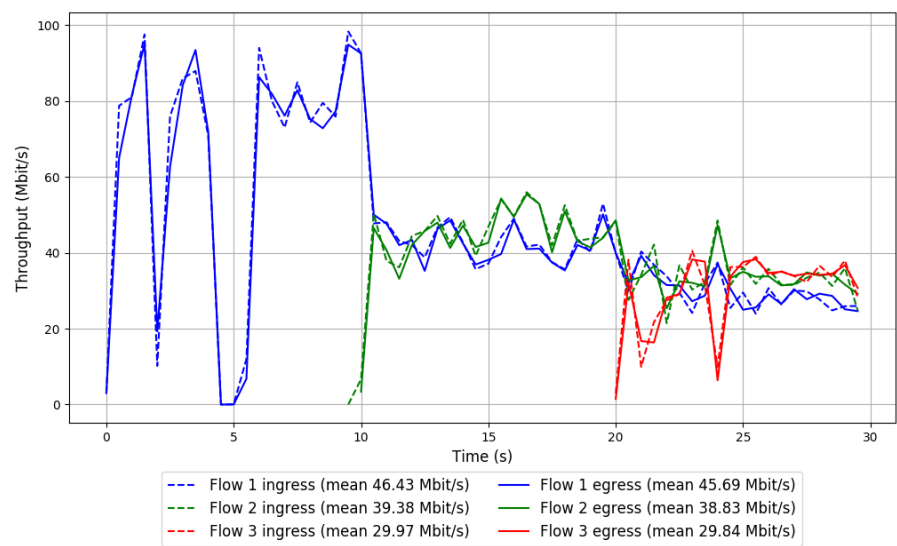
-- Flow 3:

Average throughput: 29.84 Mbit/s

95th percentile per-packet one-way delay: 79.736 ms

Loss rate: 0.76%

Run 10: Report of Verus — Data Link

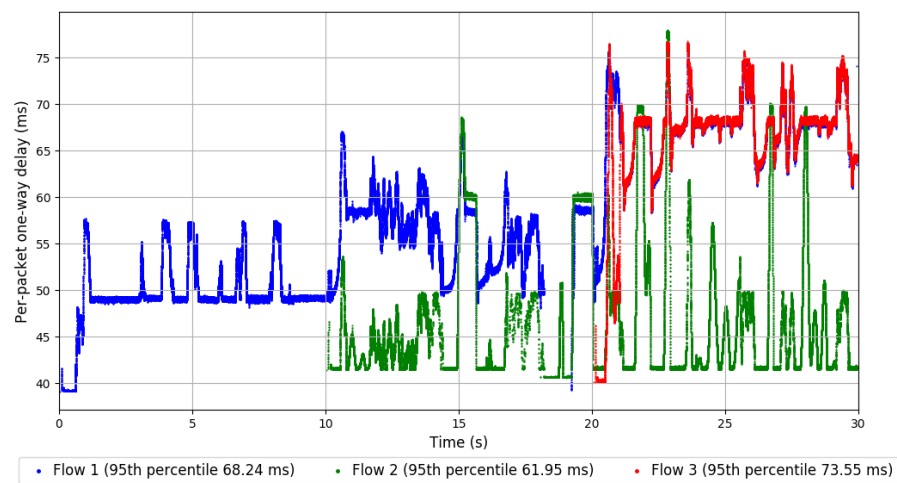
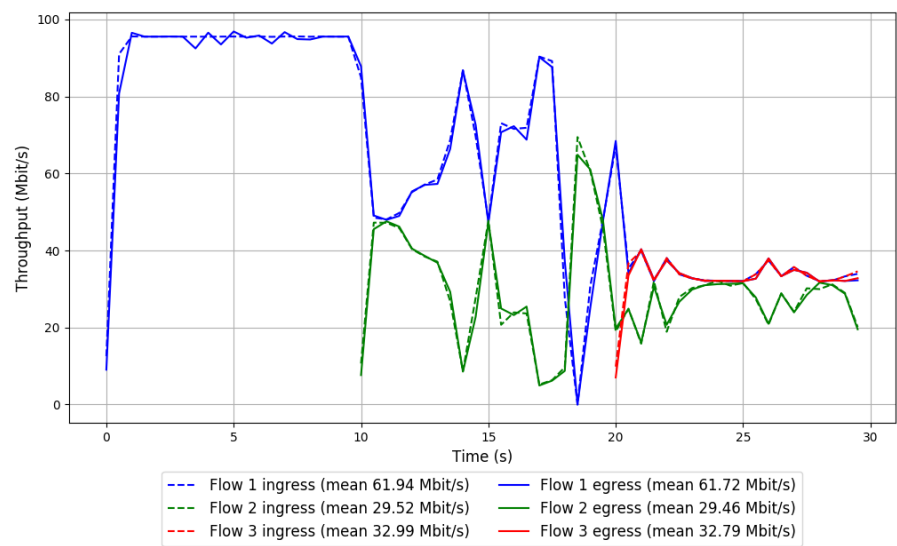


Run 1: Statistics of Copa

Start at: 2018-03-27 14:30:45
End at: 2018-03-27 14:31:15
Local clock offset: 4.363 ms
Remote clock offset: -2.621 ms

Below is generated by plot.py at 2018-03-27 23:47:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.16 Mbit/s
95th percentile per-packet one-way delay: 69.019 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 61.72 Mbit/s
95th percentile per-packet one-way delay: 68.238 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 29.46 Mbit/s
95th percentile per-packet one-way delay: 61.946 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 73.545 ms
Loss rate: 1.37%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-03-27 14:56:18

End at: 2018-03-27 14:56:48

Local clock offset: 4.416 ms

Remote clock offset: 1.241 ms

Below is generated by plot.py at 2018-03-27 23:47:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.02 Mbit/s

95th percentile per-packet one-way delay: 72.205 ms

Loss rate: 0.91%

-- Flow 1:

Average throughput: 59.44 Mbit/s

95th percentile per-packet one-way delay: 60.081 ms

Loss rate: 0.94%

-- Flow 2:

Average throughput: 39.46 Mbit/s

95th percentile per-packet one-way delay: 74.473 ms

Loss rate: 0.79%

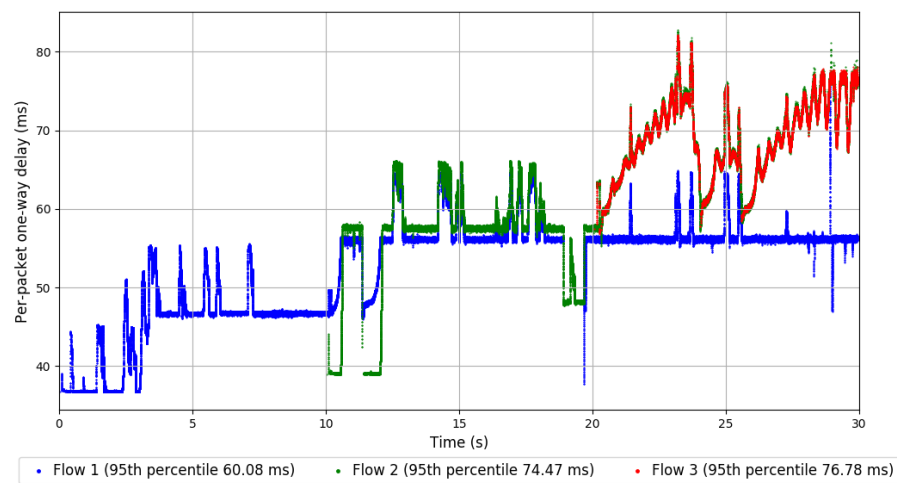
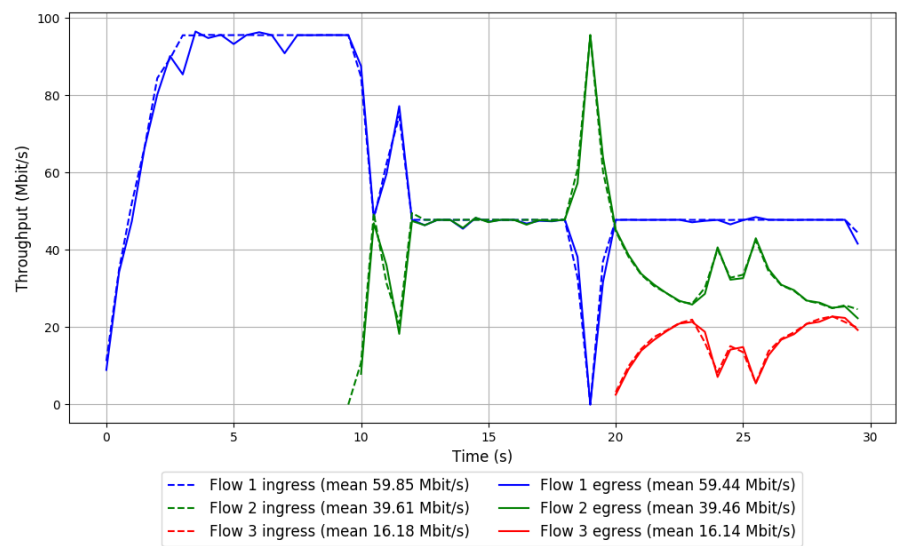
-- Flow 3:

Average throughput: 16.14 Mbit/s

95th percentile per-packet one-way delay: 76.782 ms

Loss rate: 1.15%

Run 2: Report of Copa — Data Link

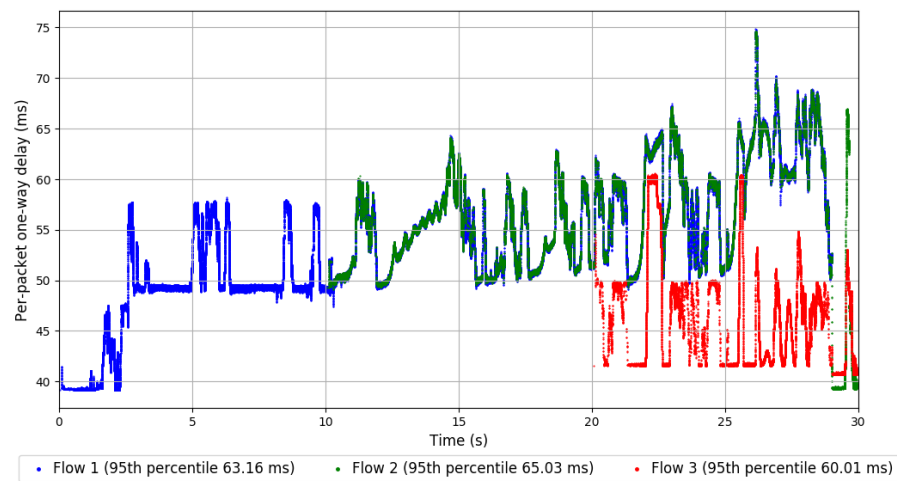
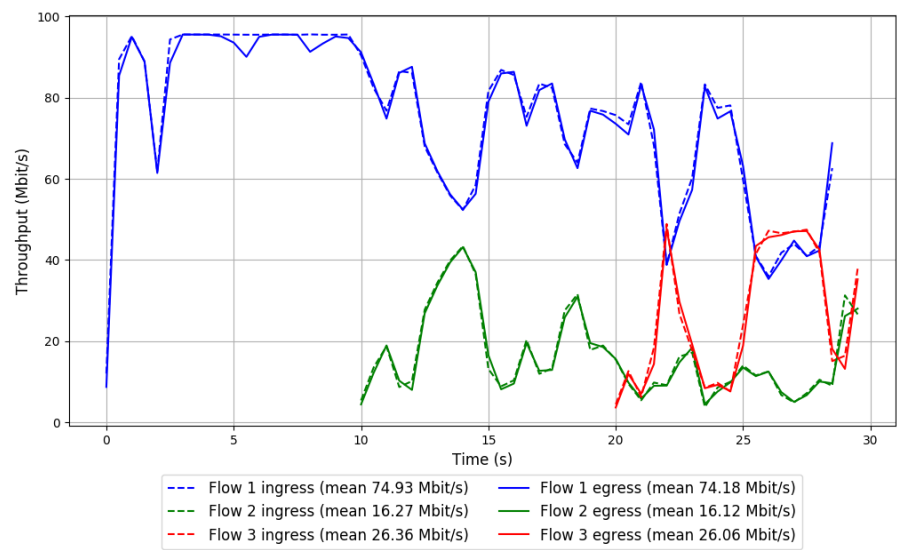


Run 3: Statistics of Copa

Start at: 2018-03-27 15:21:47
End at: 2018-03-27 15:22:17
Local clock offset: -1.158 ms
Remote clock offset: -3.058 ms

Below is generated by plot.py at 2018-03-27 23:47:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.19 Mbit/s
95th percentile per-packet one-way delay: 63.285 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 74.18 Mbit/s
95th percentile per-packet one-way delay: 63.156 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 16.12 Mbit/s
95th percentile per-packet one-way delay: 65.031 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 26.06 Mbit/s
95th percentile per-packet one-way delay: 60.006 ms
Loss rate: 1.82%

Run 3: Report of Copa — Data Link

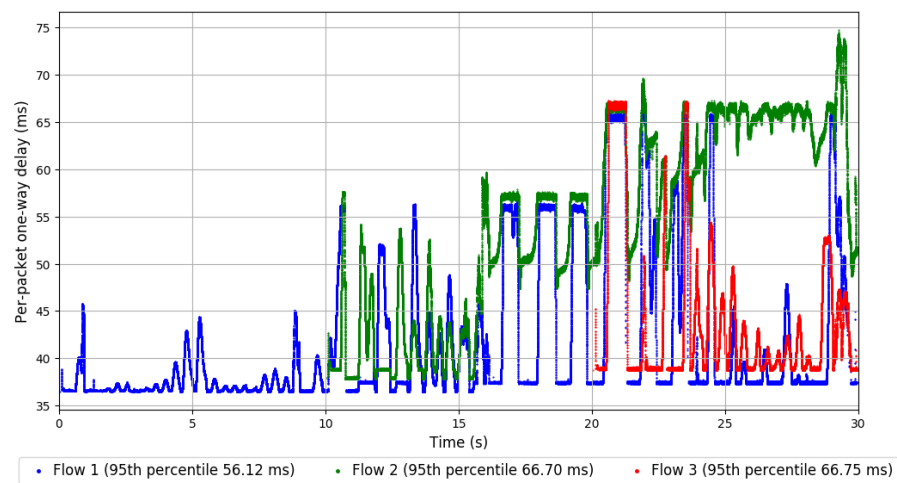
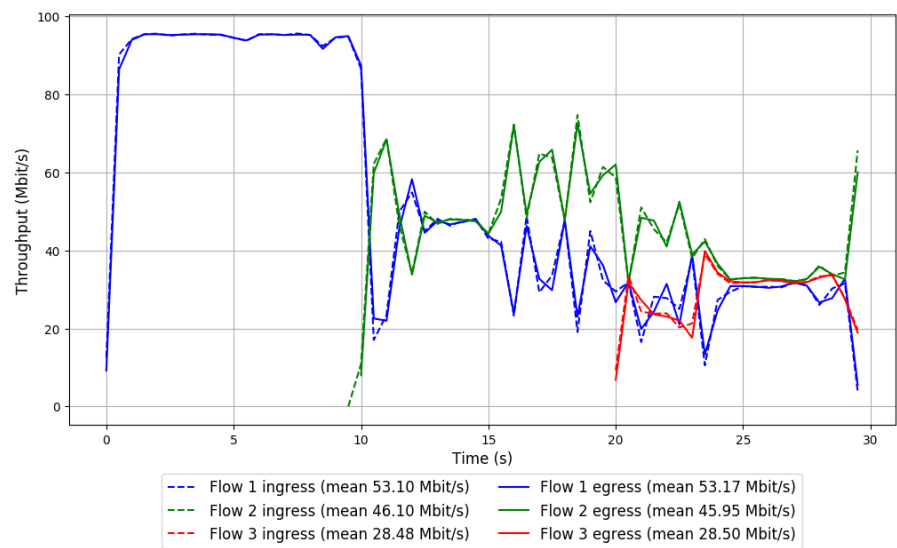


Run 4: Statistics of Copa

Start at: 2018-03-27 15:48:11
End at: 2018-03-27 15:48:41
Local clock offset: 0.357 ms
Remote clock offset: -4.107 ms

Below is generated by plot.py at 2018-03-27 23:48:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 66.267 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 56.125 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 45.95 Mbit/s
95th percentile per-packet one-way delay: 66.702 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 28.50 Mbit/s
95th percentile per-packet one-way delay: 66.755 ms
Loss rate: 0.62%

Run 4: Report of Copa — Data Link

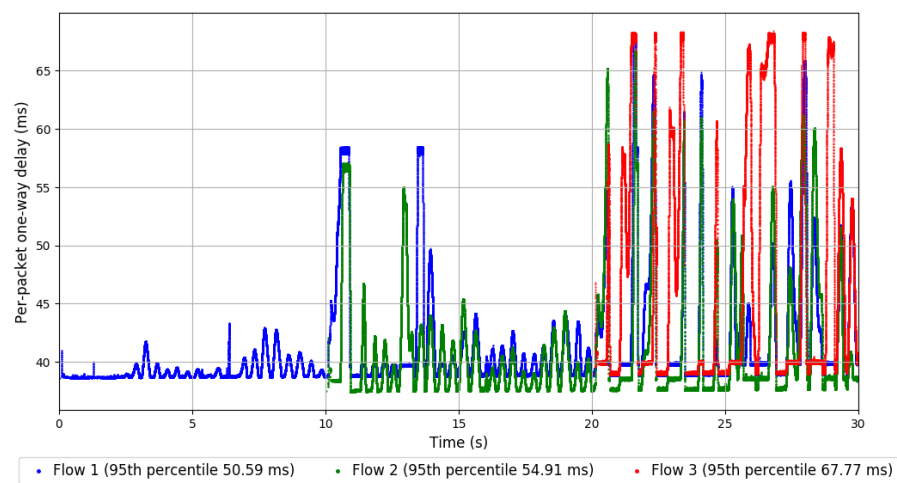
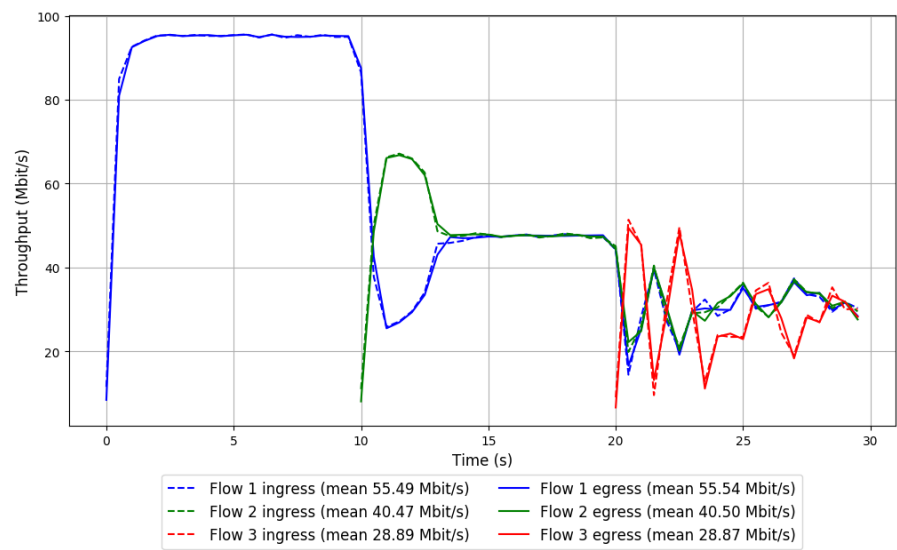


Run 5: Statistics of Copa

Start at: 2018-03-27 16:13:11
End at: 2018-03-27 16:13:41
Local clock offset: 0.489 ms
Remote clock offset: -4.951 ms

Below is generated by plot.py at 2018-03-27 23:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.04 Mbit/s
95th percentile per-packet one-way delay: 57.074 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 55.54 Mbit/s
95th percentile per-packet one-way delay: 50.593 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 54.907 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 28.87 Mbit/s
95th percentile per-packet one-way delay: 67.768 ms
Loss rate: 0.76%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-03-27 16:38:11

End at: 2018-03-27 16:38:41

Local clock offset: -0.388 ms

Remote clock offset: 0.082 ms

Below is generated by plot.py at 2018-03-27 23:48:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.49 Mbit/s

95th percentile per-packet one-way delay: 64.156 ms

Loss rate: 0.63%

-- Flow 1:

Average throughput: 60.99 Mbit/s

95th percentile per-packet one-way delay: 64.267 ms

Loss rate: 0.54%

-- Flow 2:

Average throughput: 41.95 Mbit/s

95th percentile per-packet one-way delay: 62.087 ms

Loss rate: 0.80%

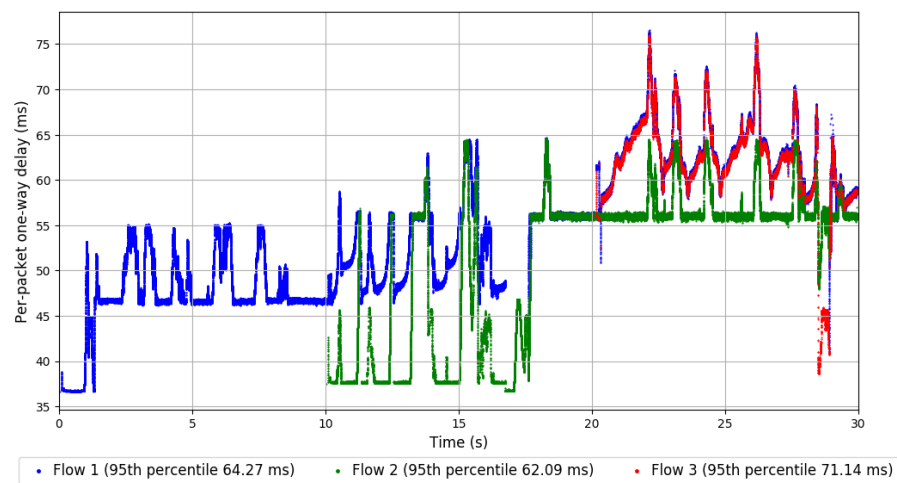
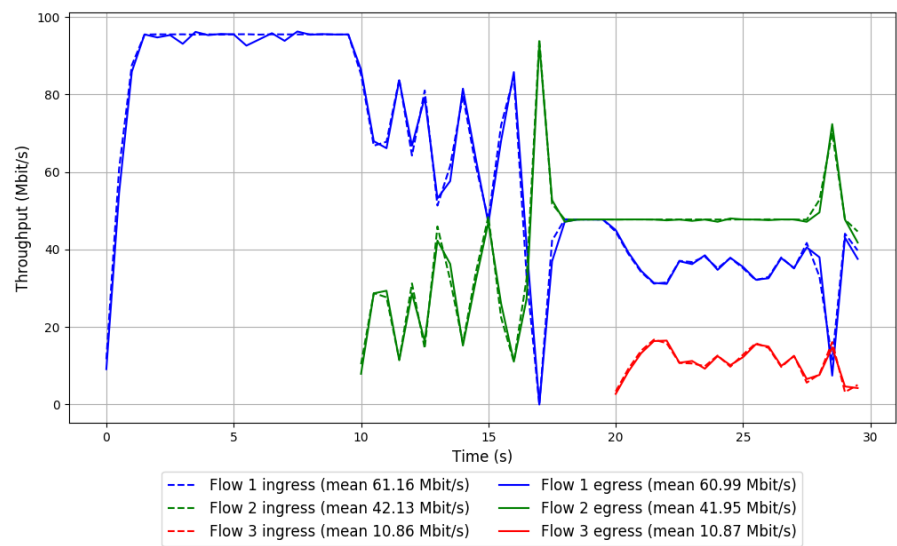
-- Flow 3:

Average throughput: 10.87 Mbit/s

95th percentile per-packet one-way delay: 71.145 ms

Loss rate: 0.81%

Run 6: Report of Copa — Data Link

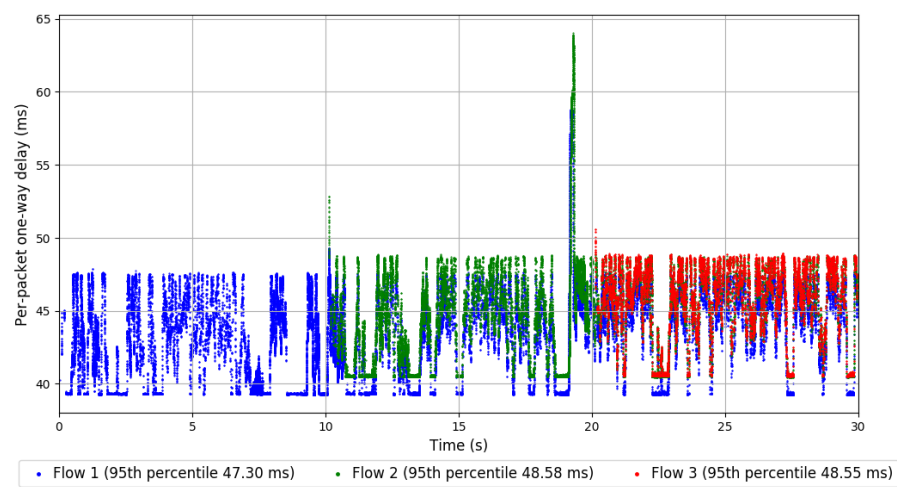
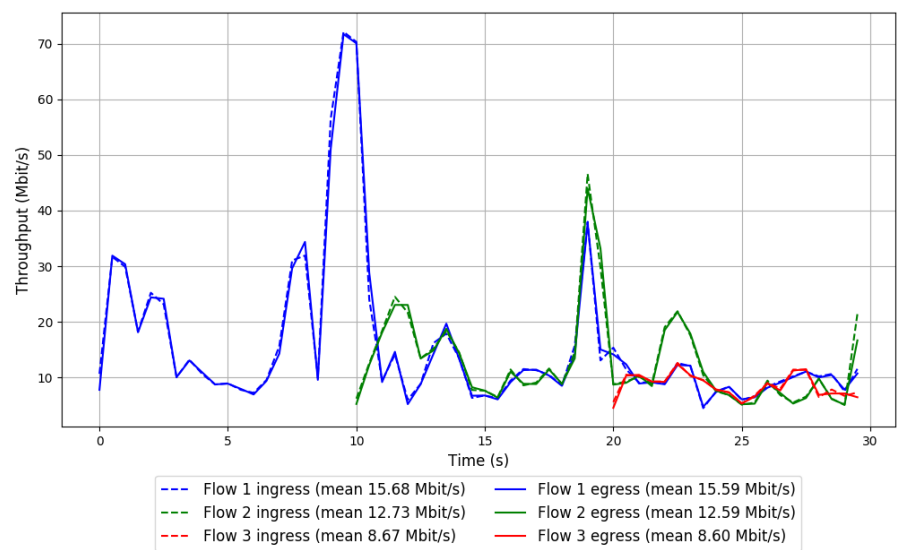


Run 7: Statistics of Copa

Start at: 2018-03-27 17:05:37
End at: 2018-03-27 17:06:07
Local clock offset: 0.907 ms
Remote clock offset: -5.215 ms

Below is generated by plot.py at 2018-03-27 23:48:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.81 Mbit/s
95th percentile per-packet one-way delay: 48.330 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 15.59 Mbit/s
95th percentile per-packet one-way delay: 47.296 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 12.59 Mbit/s
95th percentile per-packet one-way delay: 48.576 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 48.551 ms
Loss rate: 1.51%

Run 7: Report of Copa — Data Link

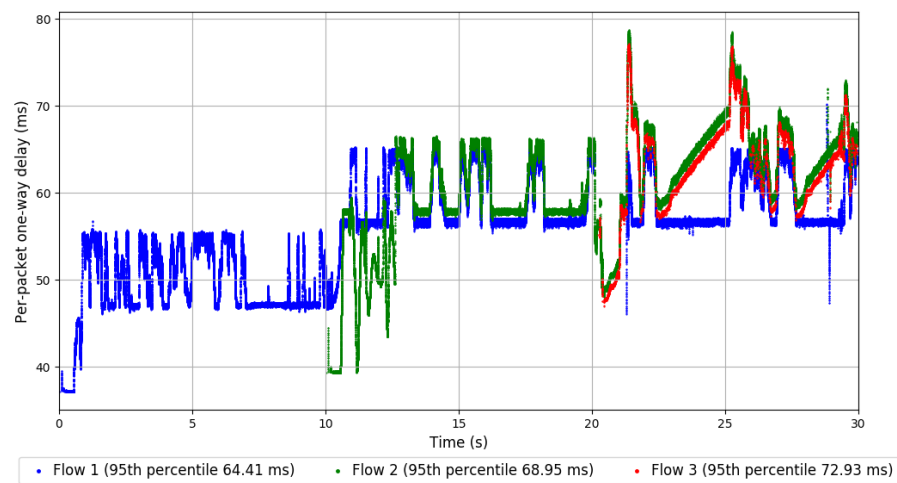
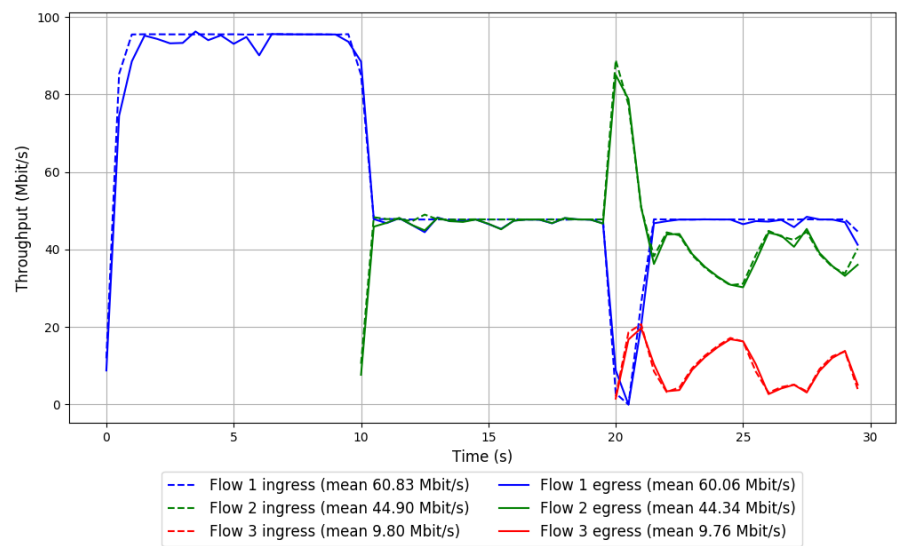


Run 8: Statistics of Copa

Start at: 2018-03-27 17:33:58
End at: 2018-03-27 17:34:28
Local clock offset: 2.627 ms
Remote clock offset: -5.804 ms

Below is generated by plot.py at 2018-03-27 23:48:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 66.573 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 64.407 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 44.34 Mbit/s
95th percentile per-packet one-way delay: 68.949 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 9.76 Mbit/s
95th percentile per-packet one-way delay: 72.931 ms
Loss rate: 1.20%

Run 8: Report of Copa — Data Link

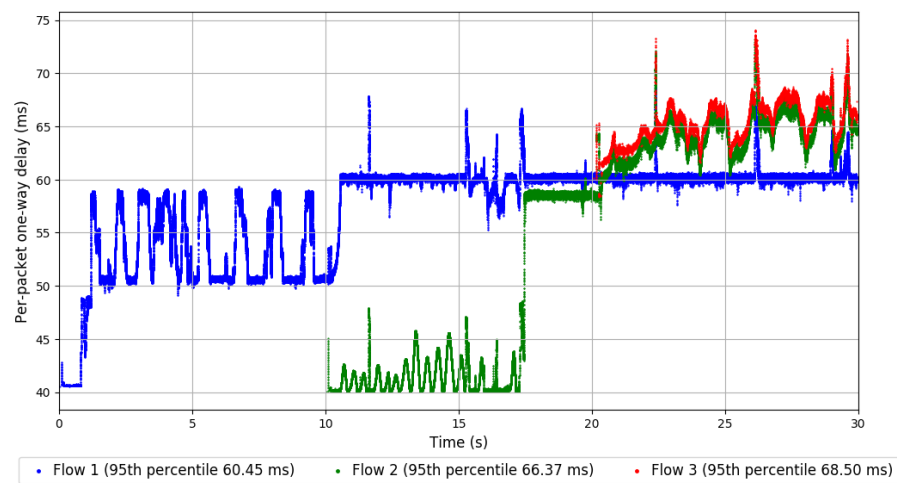
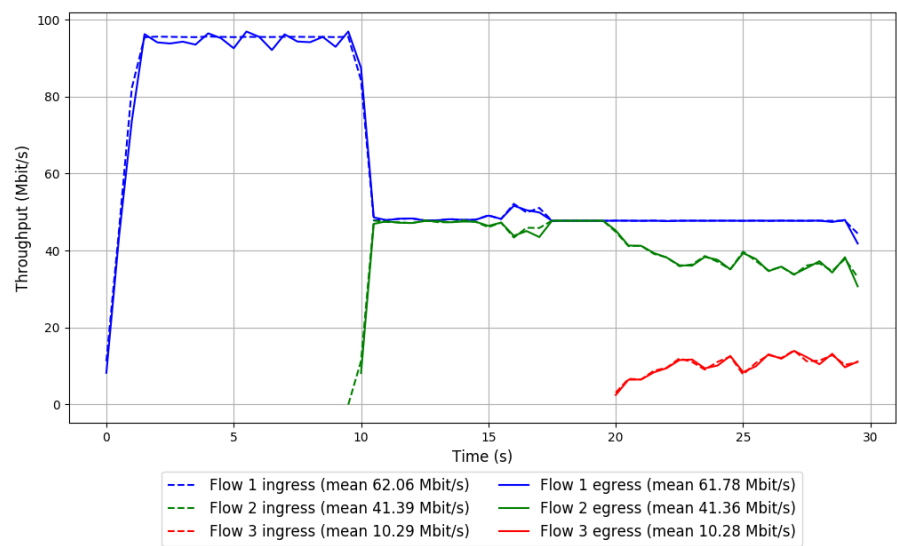


Run 9: Statistics of Copa

Start at: 2018-03-27 17:59:44
End at: 2018-03-27 18:00:14
Local clock offset: 2.328 ms
Remote clock offset: -7.066 ms

```
# Below is generated by plot.py at 2018-03-27 23:49:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.70 Mbit/s
95th percentile per-packet one-way delay: 65.799 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 61.78 Mbit/s
95th percentile per-packet one-way delay: 60.453 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 41.36 Mbit/s
95th percentile per-packet one-way delay: 66.366 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 10.28 Mbit/s
95th percentile per-packet one-way delay: 68.503 ms
Loss rate: 0.97%
```

Run 9: Report of Copa — Data Link

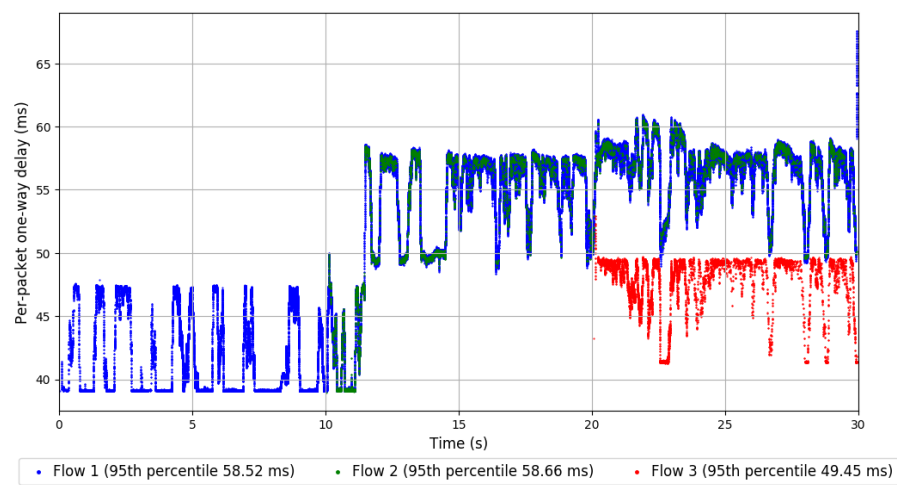
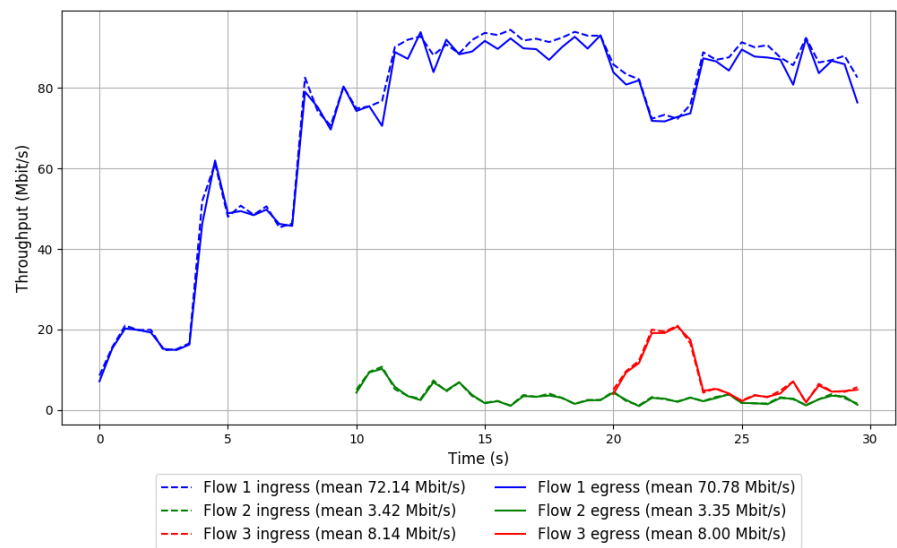


Run 10: Statistics of Copa

Start at: 2018-03-27 18:25:36
End at: 2018-03-27 18:26:06
Local clock offset: 1.984 ms
Remote clock offset: -5.446 ms

Below is generated by plot.py at 2018-03-27 23:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.65 Mbit/s
95th percentile per-packet one-way delay: 58.498 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 58.515 ms
Loss rate: 2.12%
-- Flow 2:
Average throughput: 3.35 Mbit/s
95th percentile per-packet one-way delay: 58.655 ms
Loss rate: 2.42%
-- Flow 3:
Average throughput: 8.00 Mbit/s
95th percentile per-packet one-way delay: 49.453 ms
Loss rate: 2.33%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-03-27 14:17:40

End at: 2018-03-27 14:18:10

Local clock offset: 4.555 ms

Remote clock offset: -1.055 ms

Run 1: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of FillP

Start at: 2018-03-27 14:44:48

End at: 2018-03-27 14:45:18

Local clock offset: 4.281 ms

Remote clock offset: 0.194 ms

Below is generated by plot.py at 2018-03-27 23:49:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.96 Mbit/s

95th percentile per-packet one-way delay: 72.780 ms

Loss rate: 2.08%

-- Flow 1:

Average throughput: 59.09 Mbit/s

95th percentile per-packet one-way delay: 69.550 ms

Loss rate: 0.68%

-- Flow 2:

Average throughput: 39.91 Mbit/s

95th percentile per-packet one-way delay: 72.735 ms

Loss rate: 3.37%

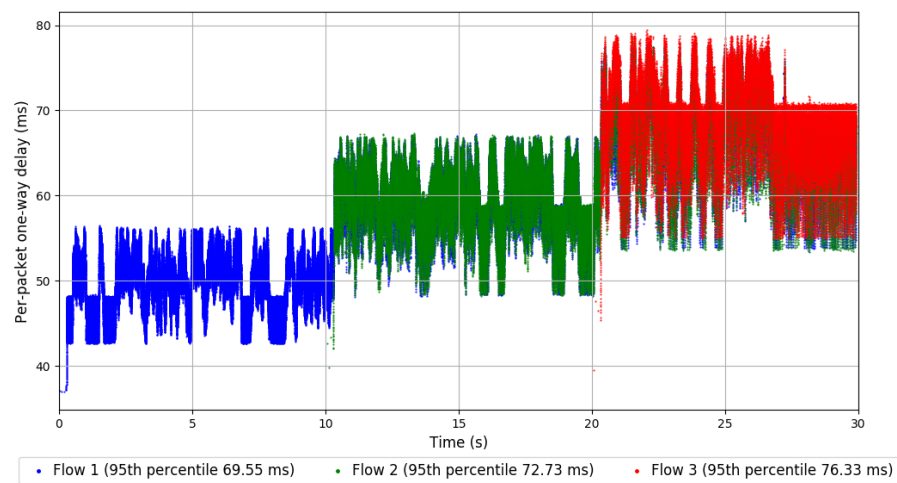
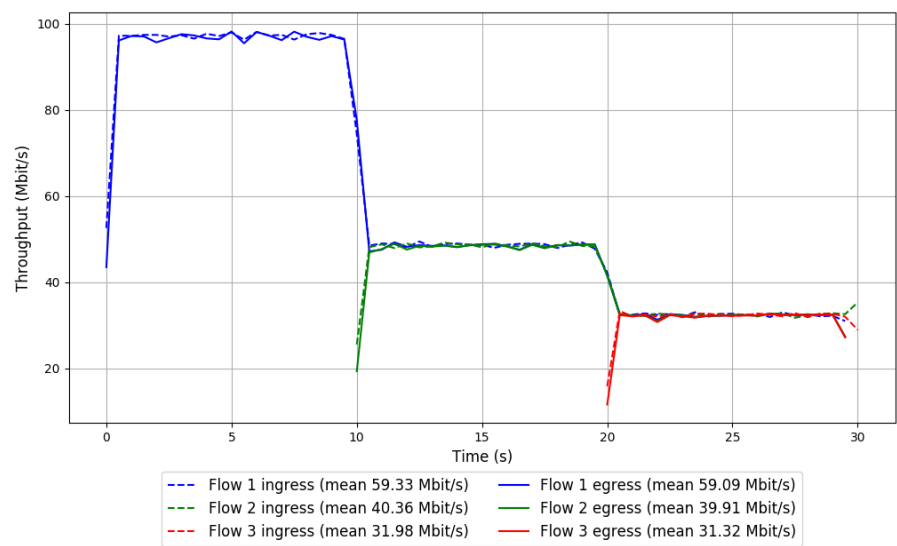
-- Flow 3:

Average throughput: 31.32 Mbit/s

95th percentile per-packet one-way delay: 76.335 ms

Loss rate: 6.39%

Run 2: Report of FillP — Data Link

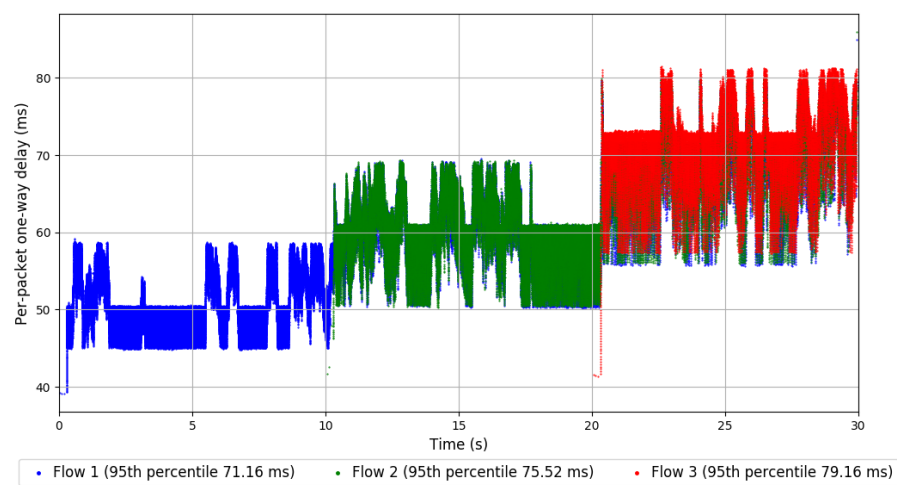
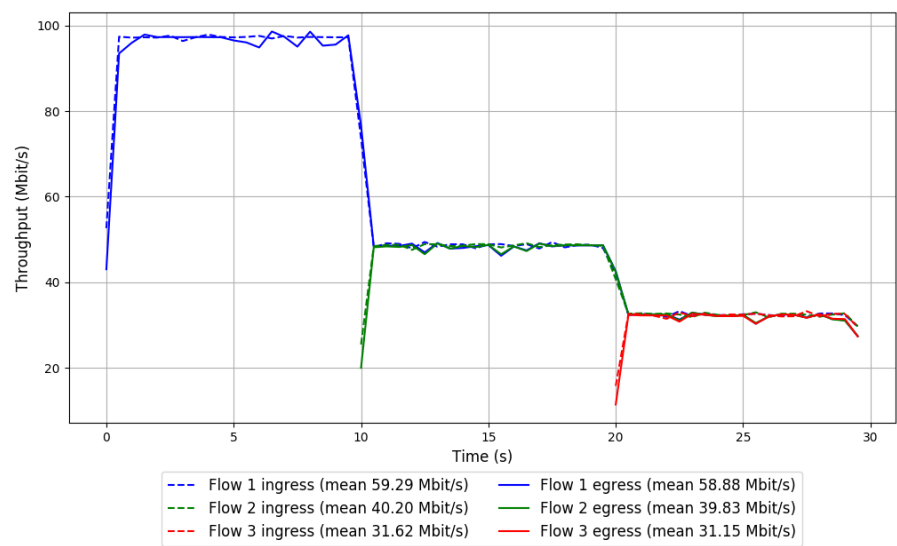


Run 3: Statistics of FillP

Start at: 2018-03-27 15:10:18
End at: 2018-03-27 15:10:48
Local clock offset: 0.389 ms
Remote clock offset: -2.435 ms

Below is generated by plot.py at 2018-03-27 23:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 75.166 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 71.158 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 39.83 Mbit/s
95th percentile per-packet one-way delay: 75.524 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 79.163 ms
Loss rate: 2.23%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-03-27 15:36:28

End at: 2018-03-27 15:36:58

Local clock offset: -1.33 ms

Remote clock offset: -0.71 ms

Below is generated by plot.py at 2018-03-27 23:49:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.93 Mbit/s

95th percentile per-packet one-way delay: 68.068 ms

Loss rate: 0.89%

-- Flow 1:

Average throughput: 58.98 Mbit/s

95th percentile per-packet one-way delay: 66.419 ms

Loss rate: 0.82%

-- Flow 2:

Average throughput: 39.96 Mbit/s

95th percentile per-packet one-way delay: 69.207 ms

Loss rate: 0.91%

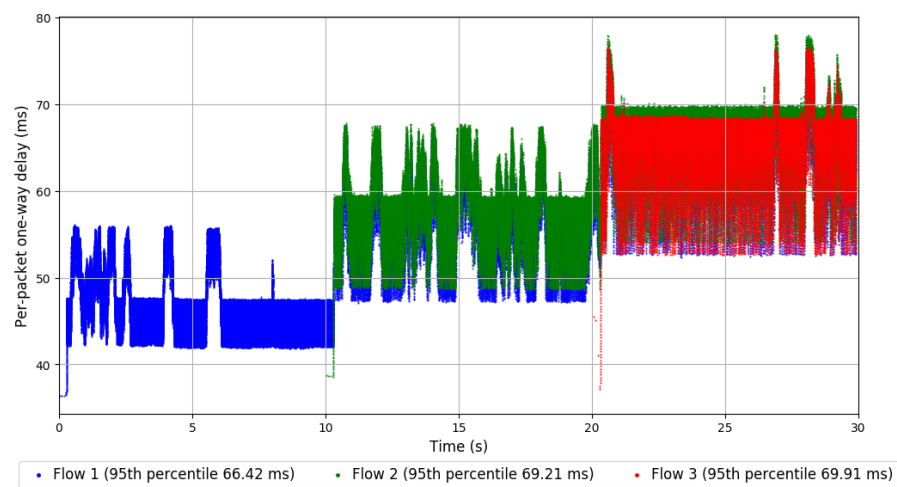
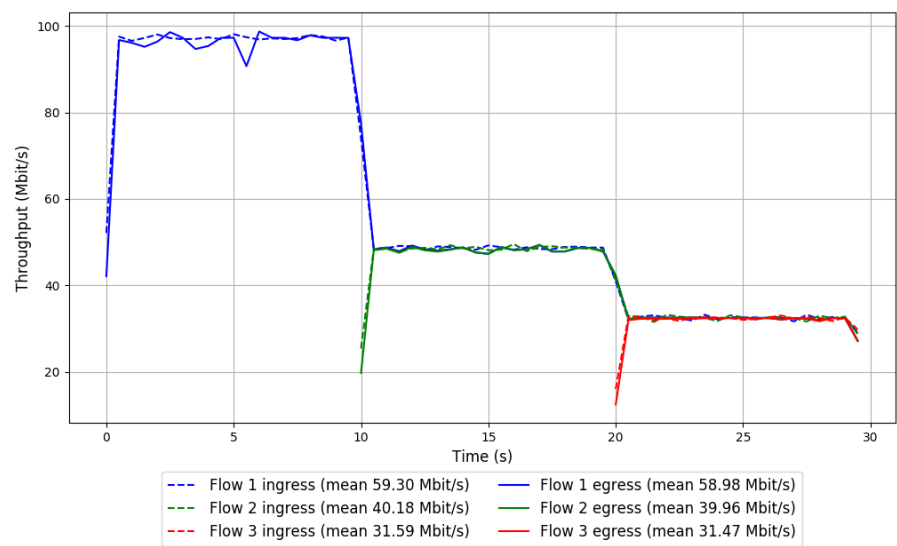
-- Flow 3:

Average throughput: 31.47 Mbit/s

95th percentile per-packet one-way delay: 69.913 ms

Loss rate: 1.28%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-03-27 16:02:06

End at: 2018-03-27 16:02:36

Local clock offset: 0.935 ms

Remote clock offset: -8.172 ms

Run 5: Report of FillP — Data Link

Figure is missing

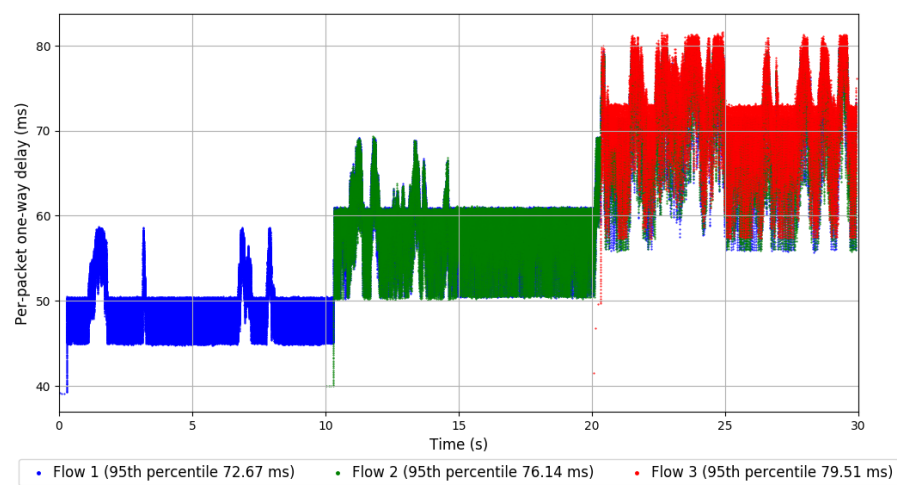
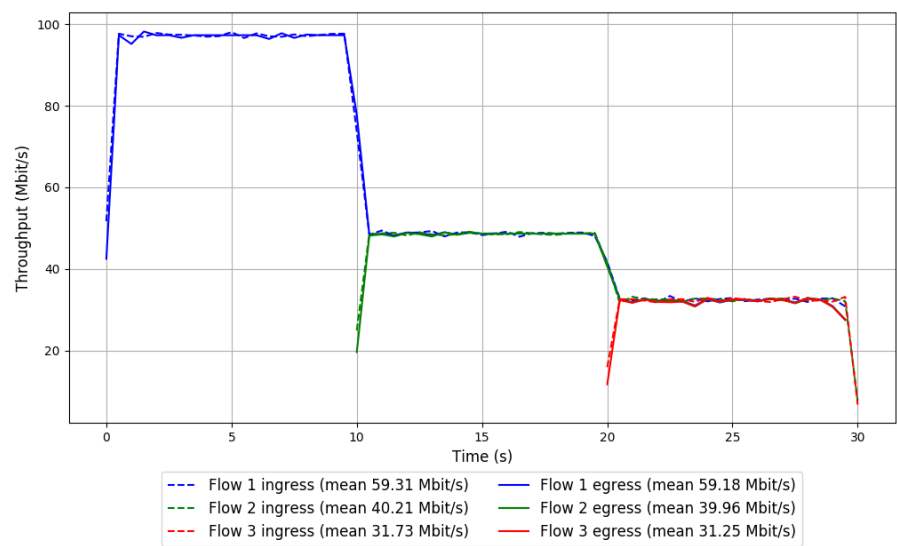
Figure is missing

Run 6: Statistics of FillP

Start at: 2018-03-27 16:26:56
End at: 2018-03-27 16:27:26
Local clock offset: -0.108 ms
Remote clock offset: -3.347 ms

Below is generated by plot.py at 2018-03-27 23:50:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 76.021 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 59.18 Mbit/s
95th percentile per-packet one-way delay: 72.670 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 76.138 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 31.25 Mbit/s
95th percentile per-packet one-way delay: 79.508 ms
Loss rate: 3.45%

Run 6: Report of FillP — Data Link

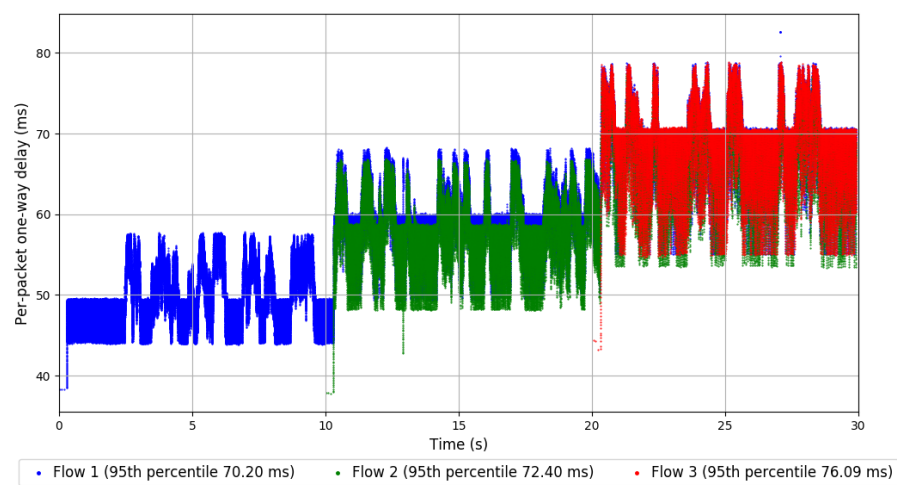
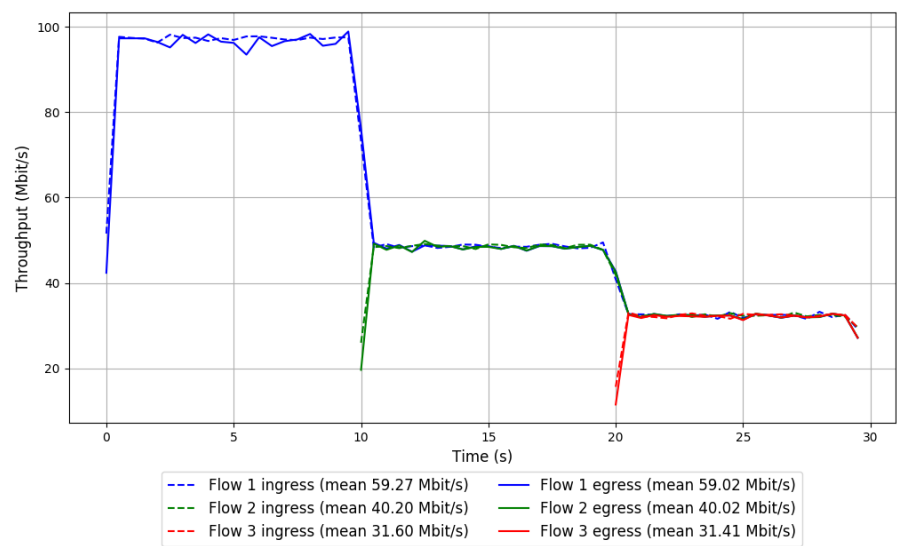


Run 7: Statistics of FillP

Start at: 2018-03-27 16:51:55
End at: 2018-03-27 16:52:25
Local clock offset: 0.485 ms
Remote clock offset: -1.752 ms

Below is generated by plot.py at 2018-03-27 23:50:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 72.647 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 59.02 Mbit/s
95th percentile per-packet one-way delay: 70.197 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 40.02 Mbit/s
95th percentile per-packet one-way delay: 72.400 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 31.41 Mbit/s
95th percentile per-packet one-way delay: 76.090 ms
Loss rate: 1.51%

Run 7: Report of FillP — Data Link

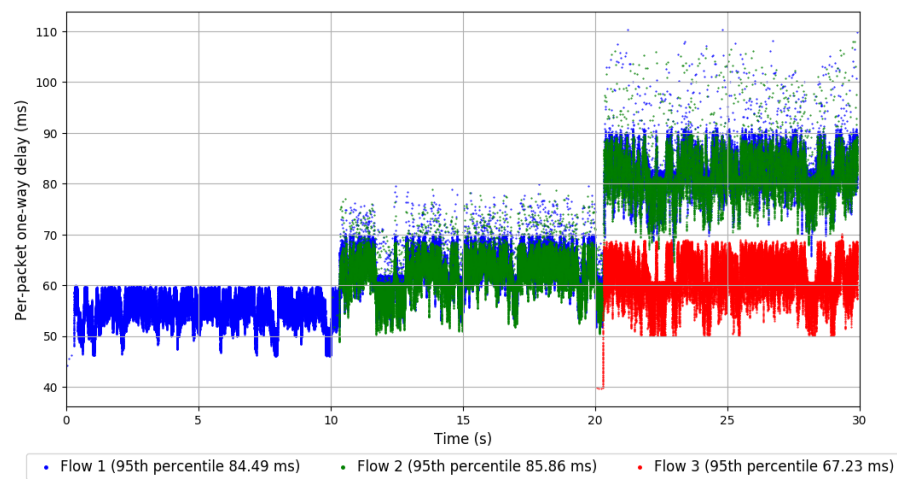
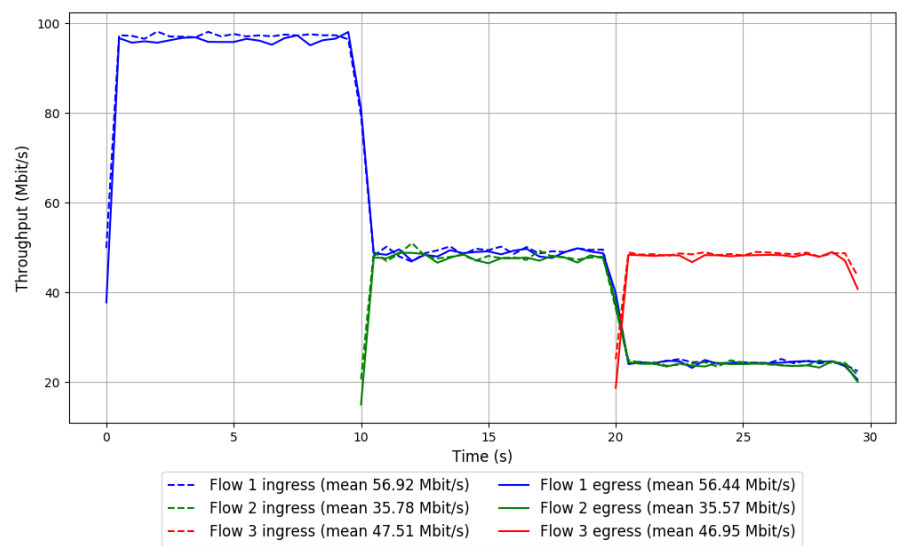


Run 8: Statistics of FillP

Start at: 2018-03-27 17:21:35
End at: 2018-03-27 17:22:05
Local clock offset: 1.774 ms
Remote clock offset: -6.407 ms

Below is generated by plot.py at 2018-03-27 23:50:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 84.501 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 84.489 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 35.57 Mbit/s
95th percentile per-packet one-way delay: 85.864 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 46.95 Mbit/s
95th percentile per-packet one-way delay: 67.226 ms
Loss rate: 1.83%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-27 17:48:12

End at: 2018-03-27 17:48:42

Local clock offset: 3.147 ms

Remote clock offset: -6.69 ms

Below is generated by plot.py at 2018-03-27 23:51:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.50 Mbit/s

95th percentile per-packet one-way delay: 73.528 ms

Loss rate: 1.33%

-- Flow 1:

Average throughput: 58.75 Mbit/s

95th percentile per-packet one-way delay: 70.139 ms

Loss rate: 1.17%

-- Flow 2:

Average throughput: 39.80 Mbit/s

95th percentile per-packet one-way delay: 73.622 ms

Loss rate: 1.41%

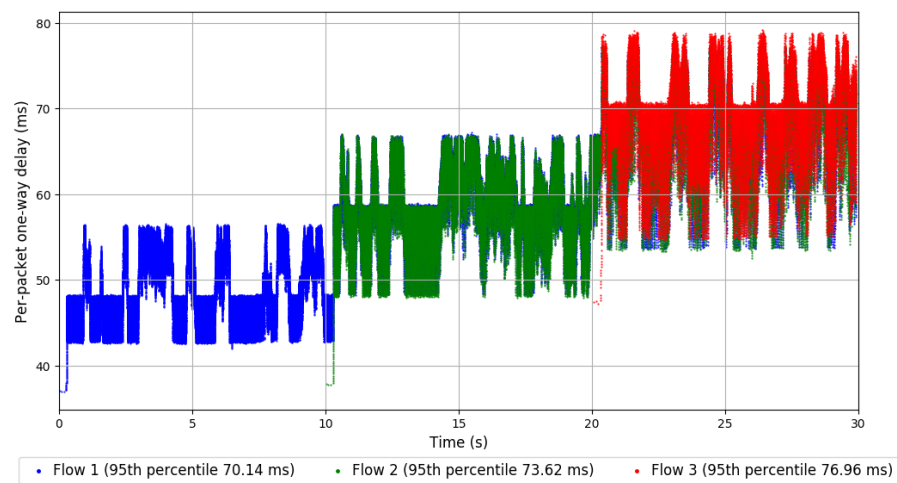
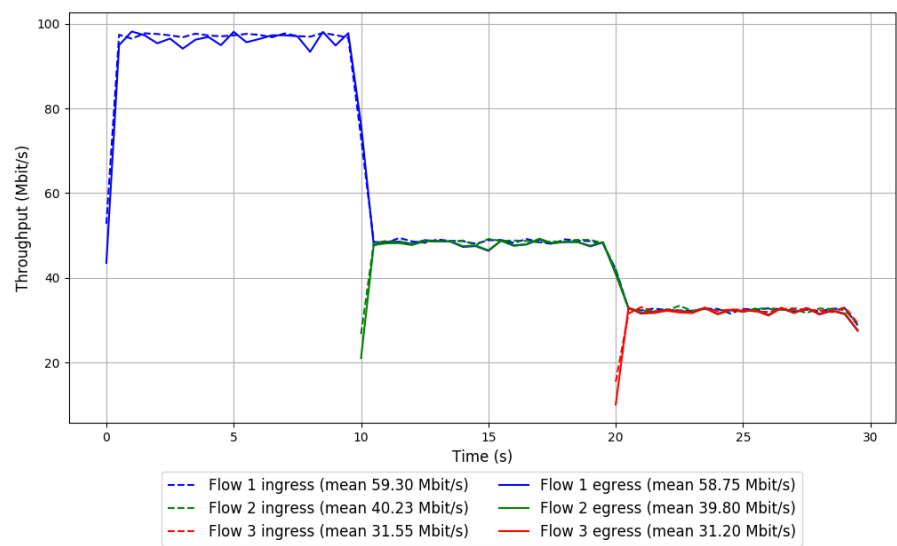
-- Flow 3:

Average throughput: 31.20 Mbit/s

95th percentile per-packet one-way delay: 76.959 ms

Loss rate: 2.01%

Run 9: Report of FillP — Data Link

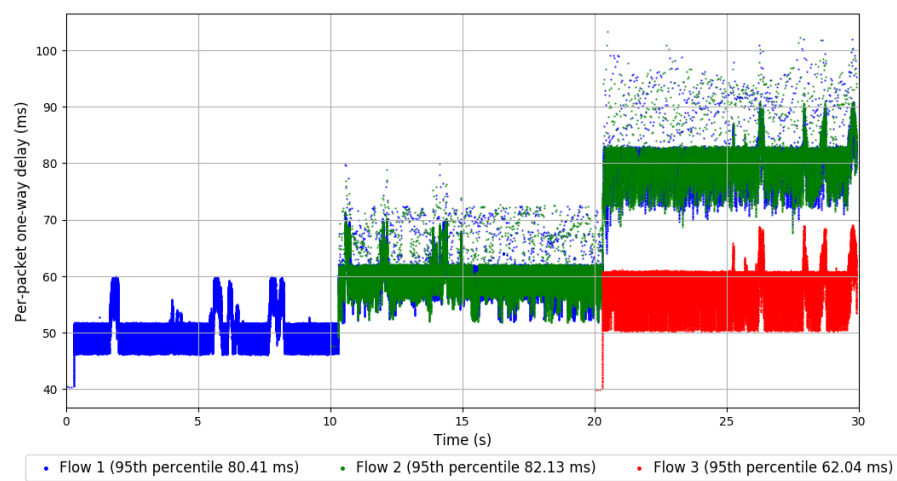
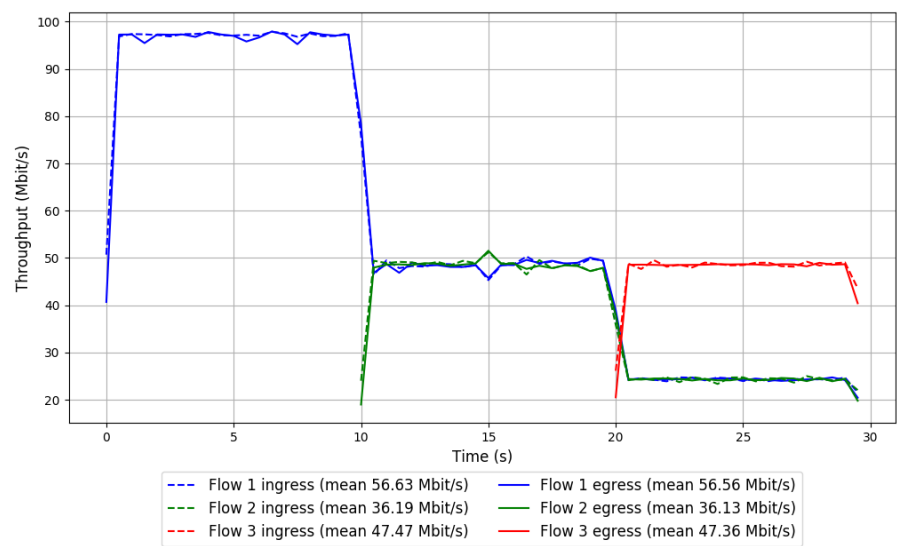


Run 10: Statistics of FillP

Start at: 2018-03-27 18:13:41
End at: 2018-03-27 18:14:11
Local clock offset: 1.981 ms
Remote clock offset: -5.687 ms

Below is generated by plot.py at 2018-03-27 23:51:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 80.851 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 56.56 Mbit/s
95th percentile per-packet one-way delay: 80.407 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 36.13 Mbit/s
95th percentile per-packet one-way delay: 82.132 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 47.36 Mbit/s
95th percentile per-packet one-way delay: 62.040 ms
Loss rate: 1.00%

Run 10: Report of FillP — Data Link

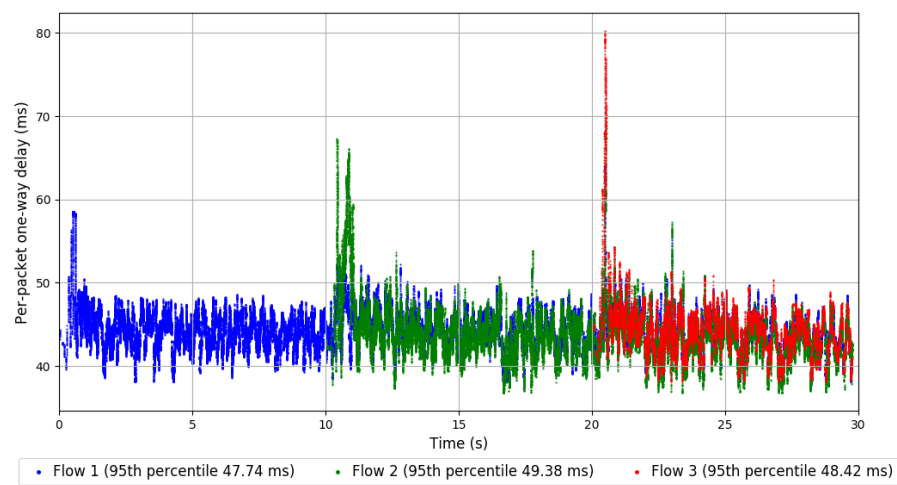
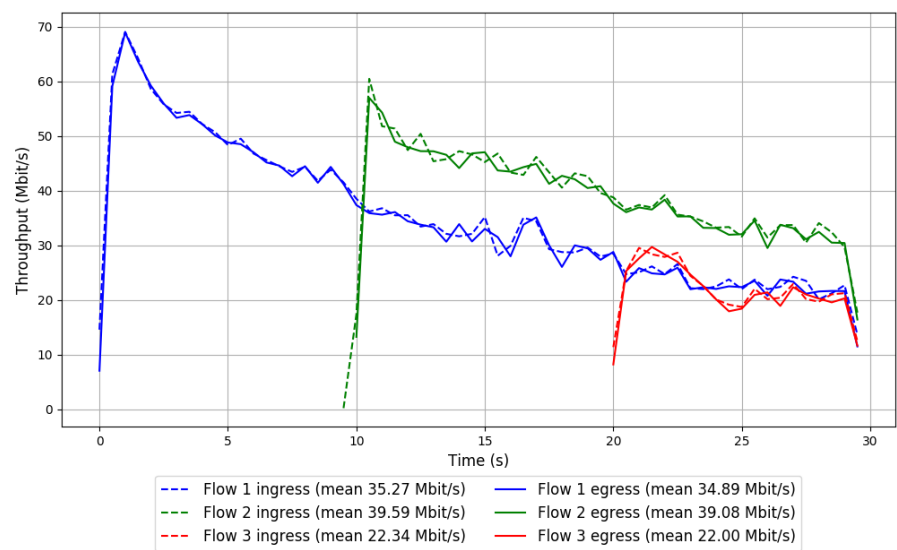


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-03-27 14:27:10
End at: 2018-03-27 14:27:40
Local clock offset: 4.699 ms
Remote clock offset: -0.239 ms

# Below is generated by plot.py at 2018-03-27 23:51:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.98 Mbit/s
95th percentile per-packet one-way delay: 48.145 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 34.89 Mbit/s
95th percentile per-packet one-way delay: 47.744 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 39.08 Mbit/s
95th percentile per-packet one-way delay: 49.385 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 22.00 Mbit/s
95th percentile per-packet one-way delay: 48.419 ms
Loss rate: 2.28%
```

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

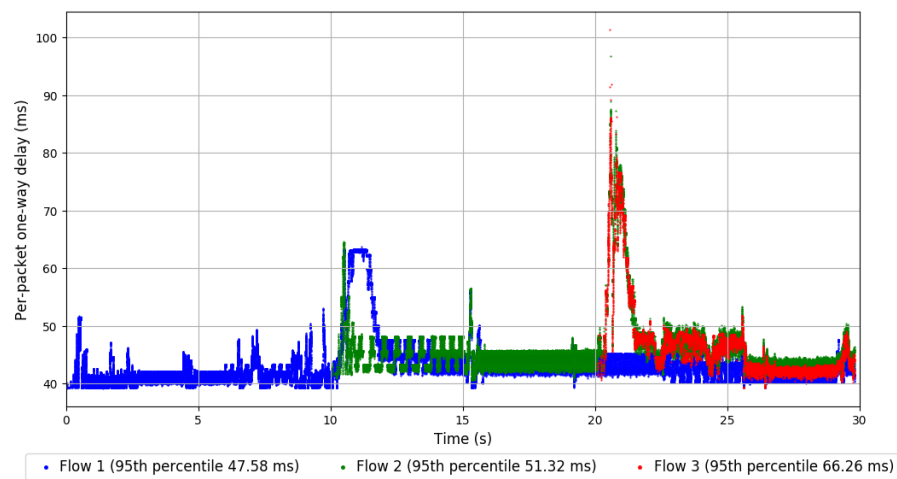
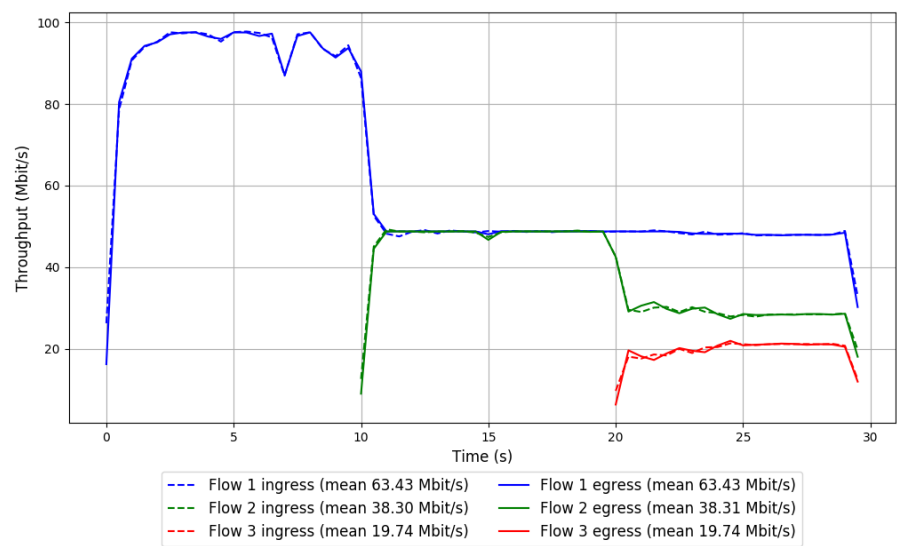


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-27 14:53:23
End at: 2018-03-27 14:53:53
Local clock offset: 4.377 ms
Remote clock offset: -1.517 ms

Below is generated by plot.py at 2018-03-27 23:51:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 49.570 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 63.43 Mbit/s
95th percentile per-packet one-way delay: 47.581 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: 51.320 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 66.262 ms
Loss rate: 0.70%

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

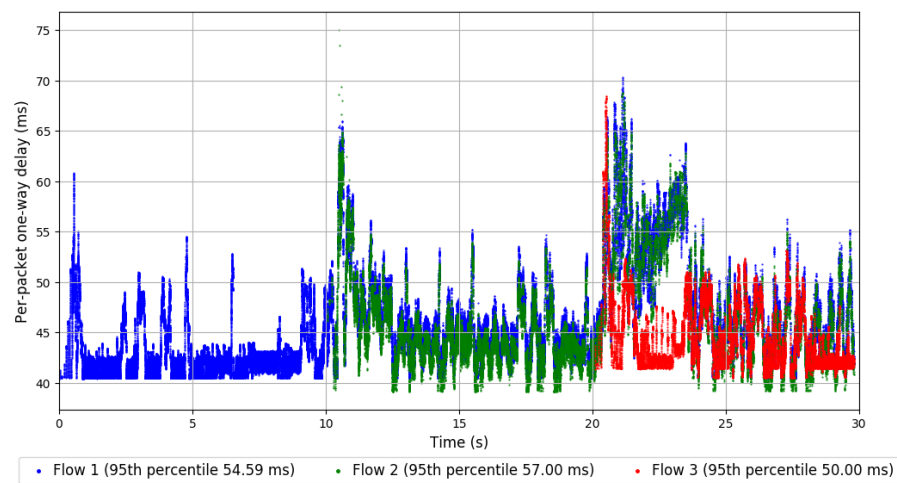
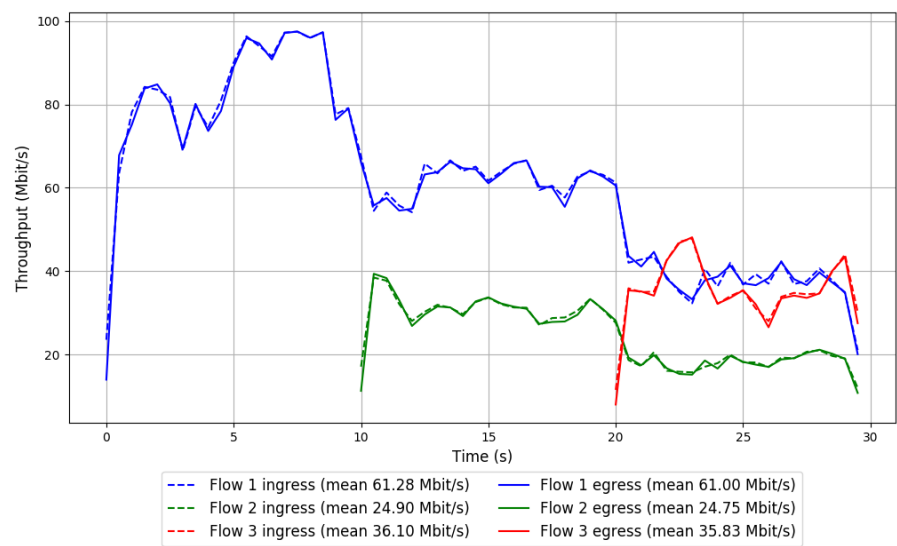


Run 3: Statistics of Indigo-1-32

Start at: 2018-03-27 15:18:41
End at: 2018-03-27 15:19:11
Local clock offset: -0.899 ms
Remote clock offset: -2.895 ms

Below is generated by plot.py at 2018-03-27 23:51:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.09 Mbit/s
95th percentile per-packet one-way delay: 54.782 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 54.595 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 56.997 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 50.004 ms
Loss rate: 1.45%

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

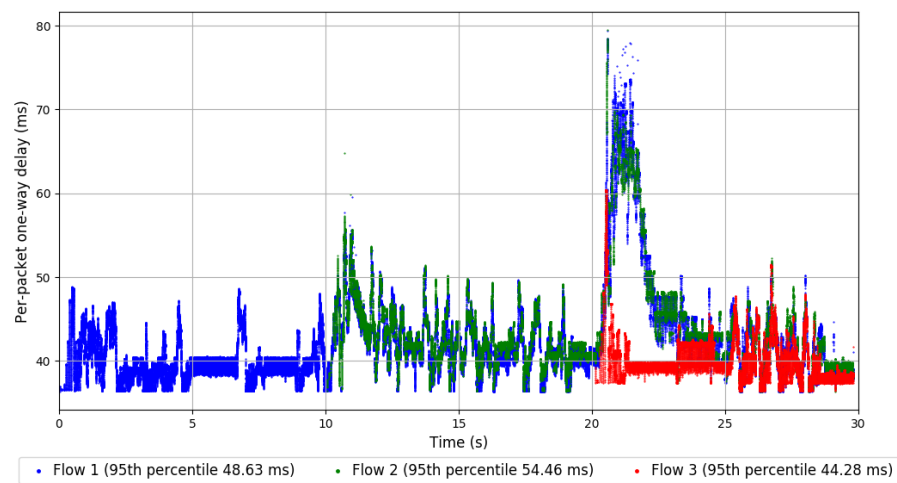
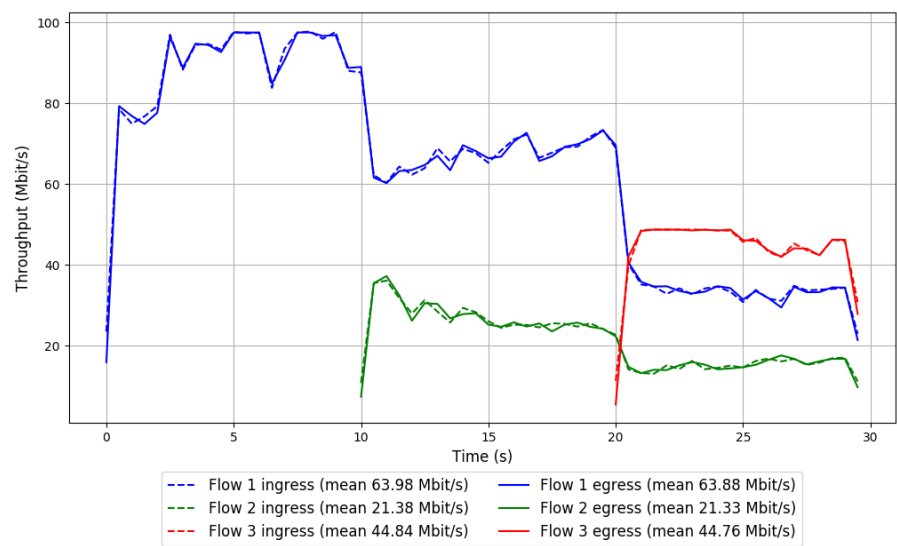


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-27 15:45:12
End at: 2018-03-27 15:45:42
Local clock offset: 0.023 ms
Remote clock offset: -3.565 ms

Below is generated by plot.py at 2018-03-27 23:51:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.57 Mbit/s
95th percentile per-packet one-way delay: 48.875 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 63.88 Mbit/s
95th percentile per-packet one-way delay: 48.635 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 21.33 Mbit/s
95th percentile per-packet one-way delay: 54.460 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 44.76 Mbit/s
95th percentile per-packet one-way delay: 44.284 ms
Loss rate: 0.82%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-27 16:10:21

End at: 2018-03-27 16:10:51

Local clock offset: 0.764 ms

Remote clock offset: -6.55 ms

Below is generated by plot.py at 2018-03-27 23:51:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.29 Mbit/s

95th percentile per-packet one-way delay: 51.714 ms

Loss rate: 0.52%

-- Flow 1:

Average throughput: 56.71 Mbit/s

95th percentile per-packet one-way delay: 53.989 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 46.25 Mbit/s

95th percentile per-packet one-way delay: 48.098 ms

Loss rate: 0.68%

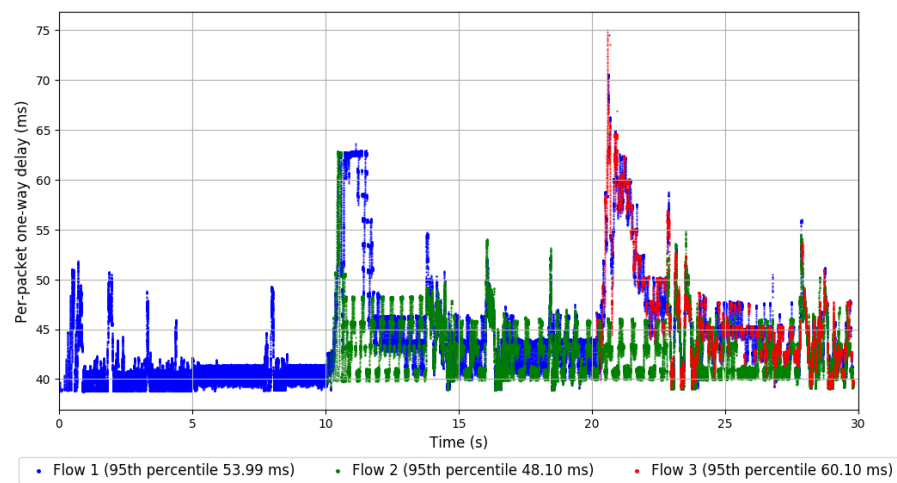
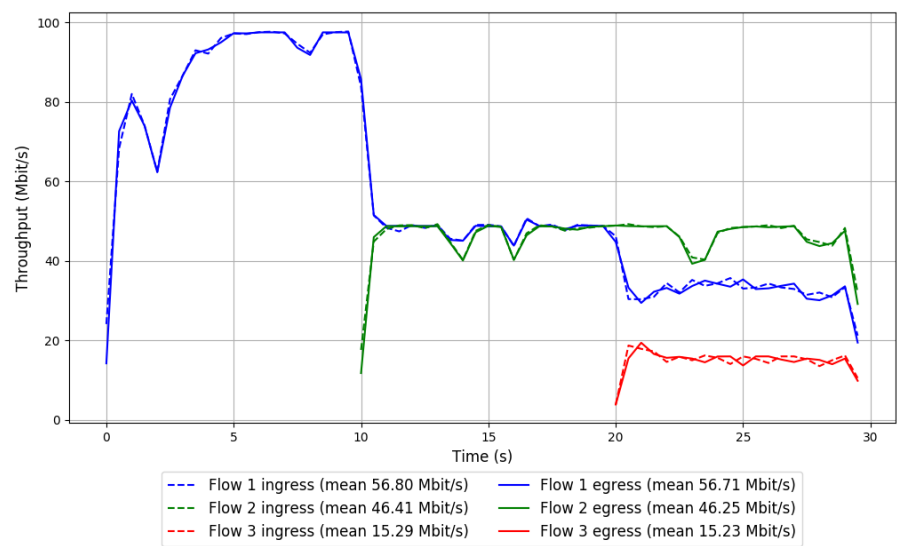
-- Flow 3:

Average throughput: 15.23 Mbit/s

95th percentile per-packet one-way delay: 60.098 ms

Loss rate: 1.13%

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

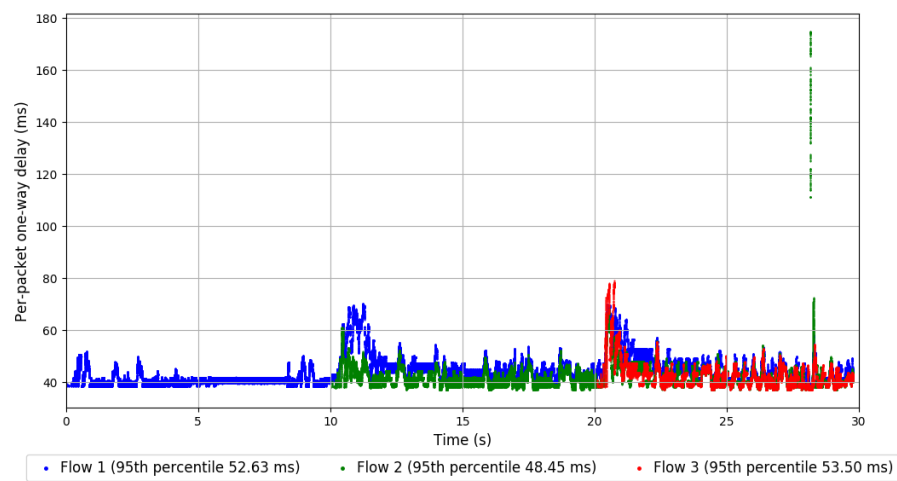
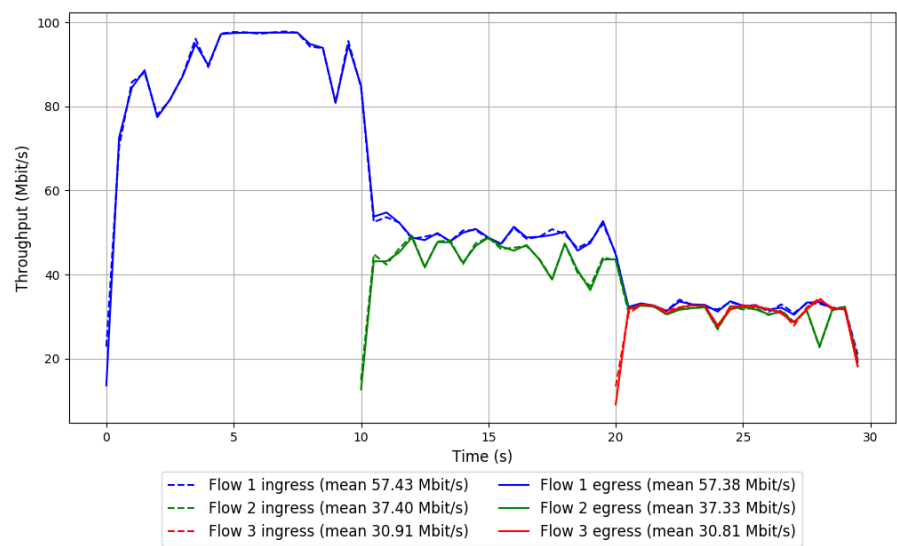


Run 6: Statistics of Indigo-1-32

Start at: 2018-03-27 16:35:20
End at: 2018-03-27 16:35:50
Local clock offset: -0.346 ms
Remote clock offset: -0.556 ms

Below is generated by plot.py at 2018-03-27 23:52:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: 51.808 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 57.38 Mbit/s
95th percentile per-packet one-way delay: 52.633 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 37.33 Mbit/s
95th percentile per-packet one-way delay: 48.446 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 30.81 Mbit/s
95th percentile per-packet one-way delay: 53.500 ms
Loss rate: 1.01%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-03-27 17:01:17

End at: 2018-03-27 17:01:47

Local clock offset: 0.755 ms

Remote clock offset: -2.85 ms

Below is generated by plot.py at 2018-03-27 23:52:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 66.34 Mbit/s

95th percentile per-packet one-way delay: 49.226 ms

Loss rate: 1.38%

-- Flow 1:

Average throughput: 35.22 Mbit/s

95th percentile per-packet one-way delay: 48.227 ms

Loss rate: 1.35%

-- Flow 2:

Average throughput: 34.77 Mbit/s

95th percentile per-packet one-way delay: 50.259 ms

Loss rate: 1.33%

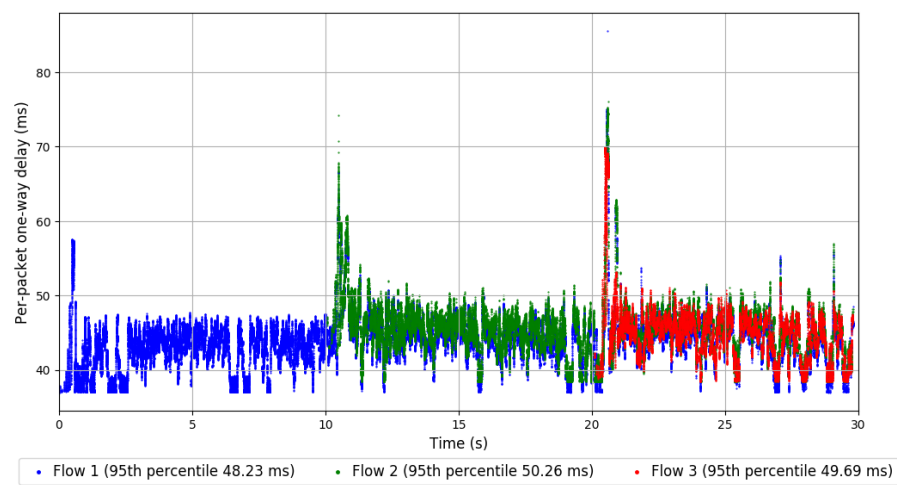
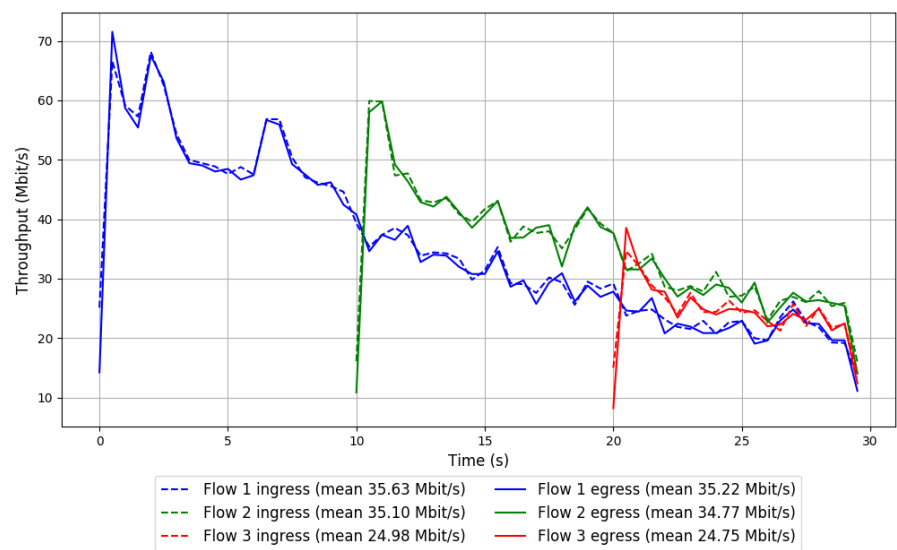
-- Flow 3:

Average throughput: 24.75 Mbit/s

95th percentile per-packet one-way delay: 49.694 ms

Loss rate: 1.67%

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

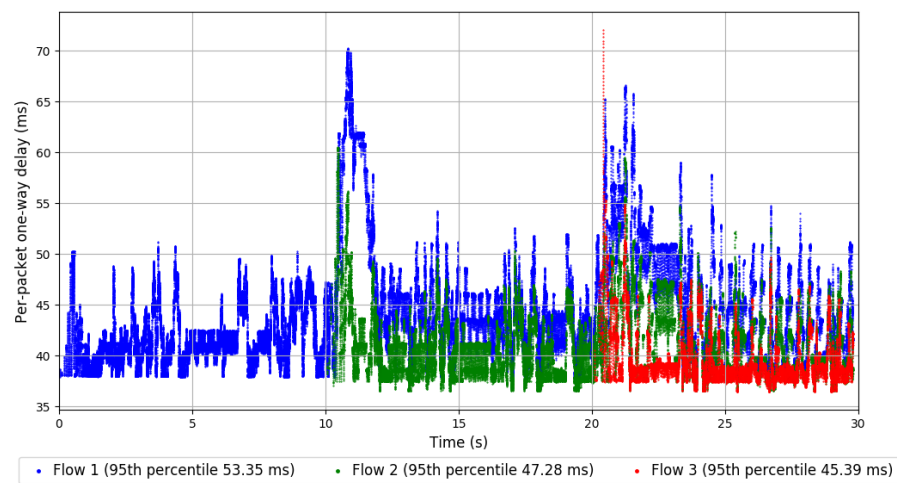
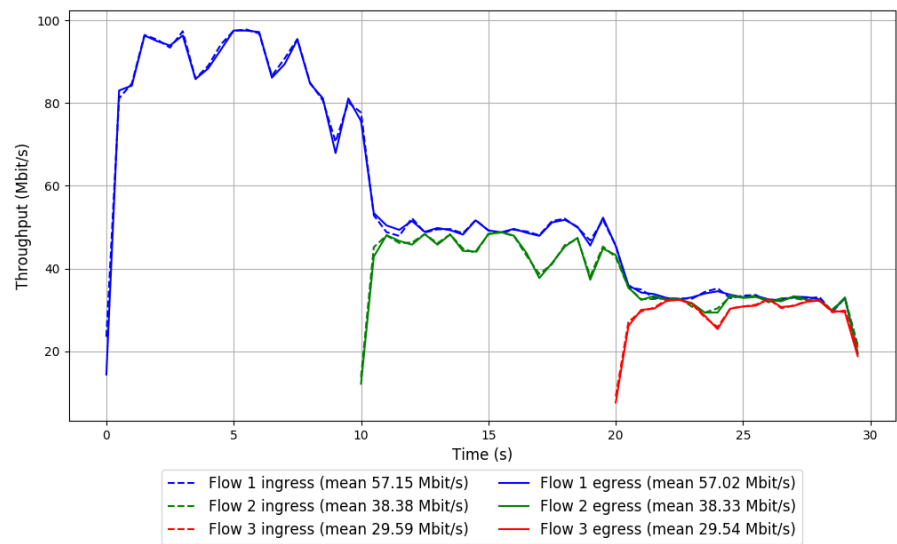


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-27 17:30:59
End at: 2018-03-27 17:31:29
Local clock offset: 2.472 ms
Remote clock offset: -5.036 ms

Below is generated by plot.py at 2018-03-27 23:52:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.06 Mbit/s
95th percentile per-packet one-way delay: 50.785 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 57.02 Mbit/s
95th percentile per-packet one-way delay: 53.352 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 38.33 Mbit/s
95th percentile per-packet one-way delay: 47.278 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 29.54 Mbit/s
95th percentile per-packet one-way delay: 45.388 ms
Loss rate: 0.87%

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

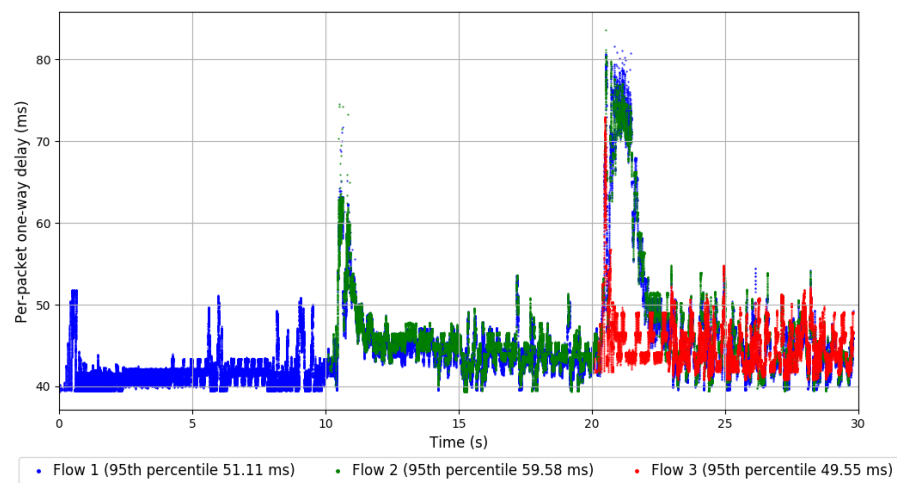
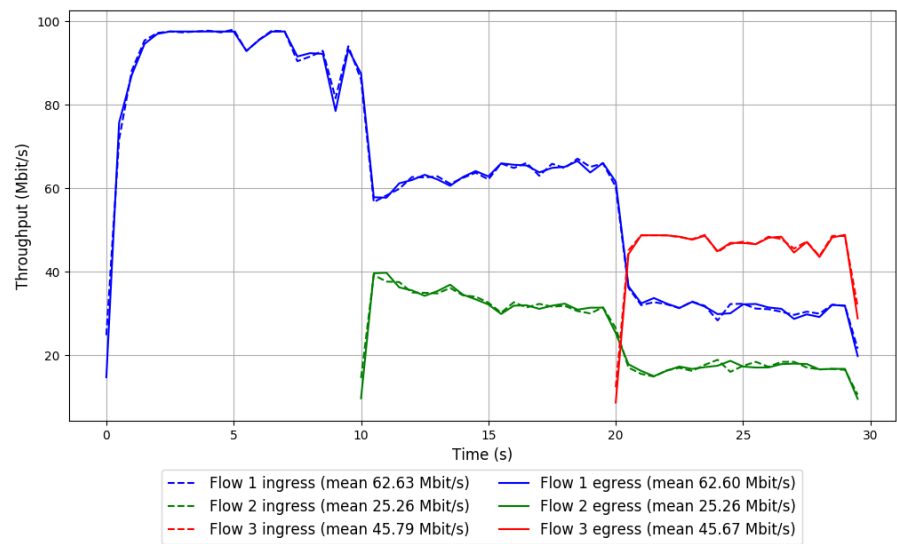


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-27 17:56:48
End at: 2018-03-27 17:57:18
Local clock offset: 2.591 ms
Remote clock offset: -7.748 ms

Below is generated by plot.py at 2018-03-27 23:52:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.23 Mbit/s
95th percentile per-packet one-way delay: 51.691 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 62.60 Mbit/s
95th percentile per-packet one-way delay: 51.113 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 25.26 Mbit/s
95th percentile per-packet one-way delay: 59.580 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 49.554 ms
Loss rate: 0.96%

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

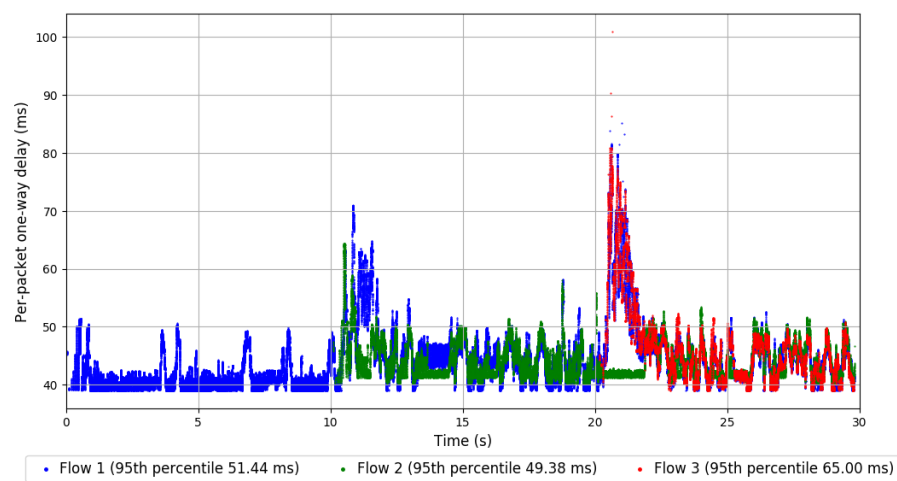
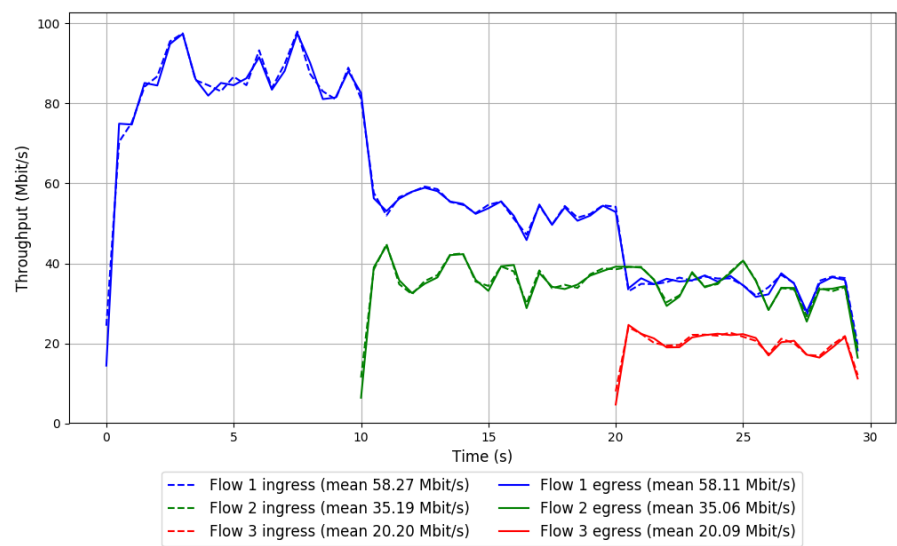


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-27 18:22:11
End at: 2018-03-27 18:22:41
Local clock offset: 1.903 ms
Remote clock offset: -5.419 ms

Below is generated by plot.py at 2018-03-27 23:52:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.78 Mbit/s
95th percentile per-packet one-way delay: 51.118 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 58.11 Mbit/s
95th percentile per-packet one-way delay: 51.443 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 49.384 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 64.997 ms
Loss rate: 1.28%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-03-27 14:20:45

End at: 2018-03-27 14:21:15

Local clock offset: 4.669 ms

Remote clock offset: -0.49 ms

Below is generated by plot.py at 2018-03-27 23:52:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 43.24 Mbit/s

95th percentile per-packet one-way delay: 46.029 ms

Loss rate: 1.31%

-- Flow 1:

Average throughput: 30.29 Mbit/s

95th percentile per-packet one-way delay: 44.949 ms

Loss rate: 1.13%

-- Flow 2:

Average throughput: 18.06 Mbit/s

95th percentile per-packet one-way delay: 46.317 ms

Loss rate: 1.63%

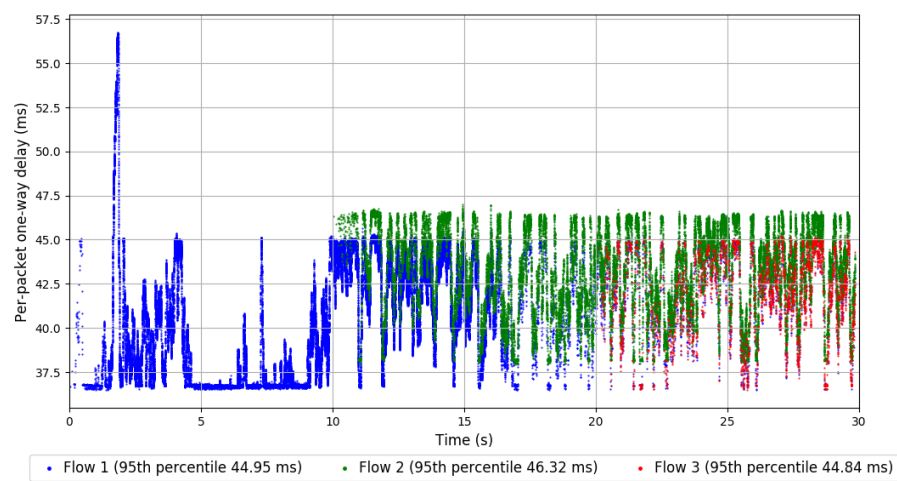
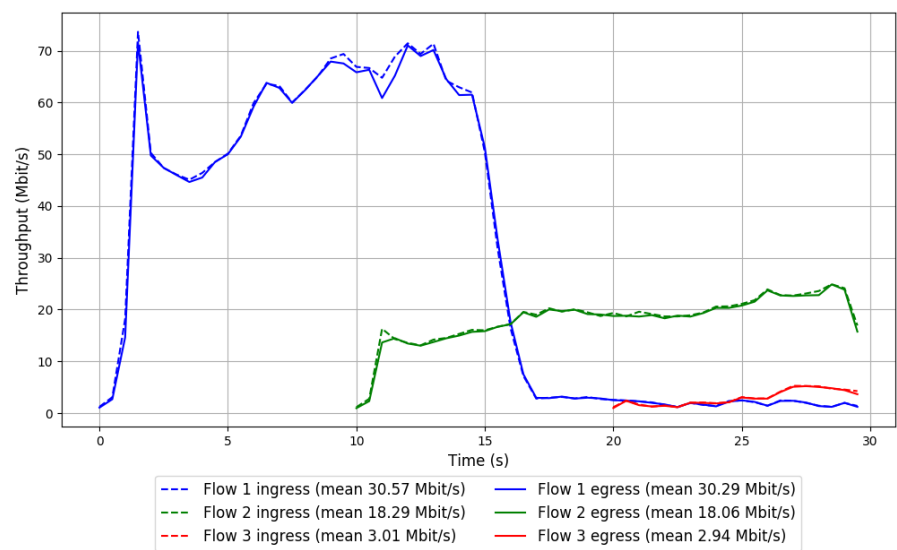
-- Flow 3:

Average throughput: 2.94 Mbit/s

95th percentile per-packet one-way delay: 44.845 ms

Loss rate: 2.77%

Run 1: Report of Vivace-latency — Data Link

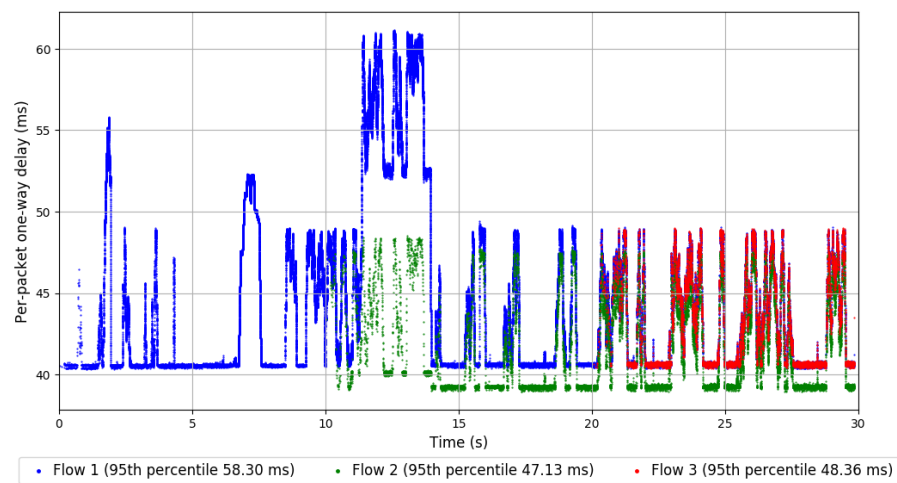
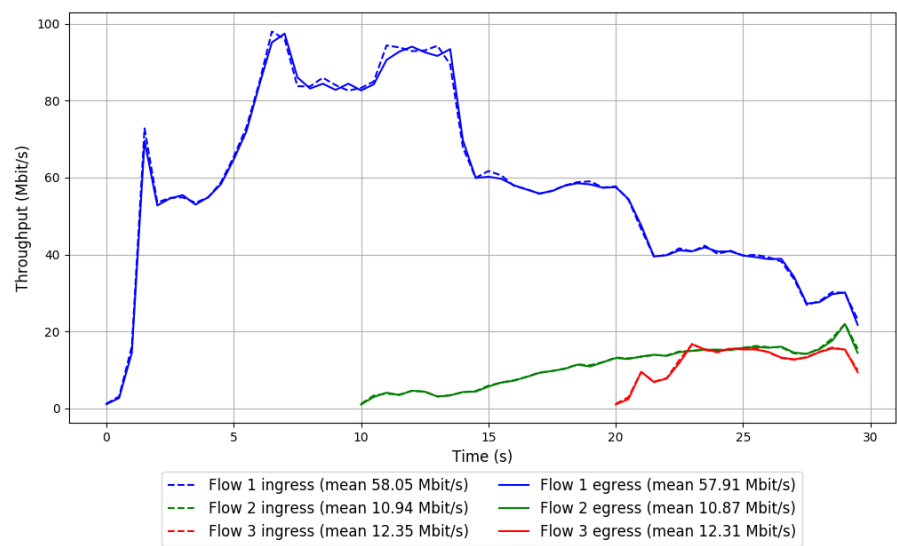


Run 2: Statistics of Vivace-latency

Start at: 2018-03-27 14:47:34
End at: 2018-03-27 14:48:04
Local clock offset: 4.289 ms
Remote clock offset: -1.721 ms

Below is generated by plot.py at 2018-03-27 23:52:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 57.282 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 58.298 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 47.133 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 12.31 Mbit/s
95th percentile per-packet one-way delay: 48.360 ms
Loss rate: 0.99%

Run 2: Report of Vivace-latency — Data Link

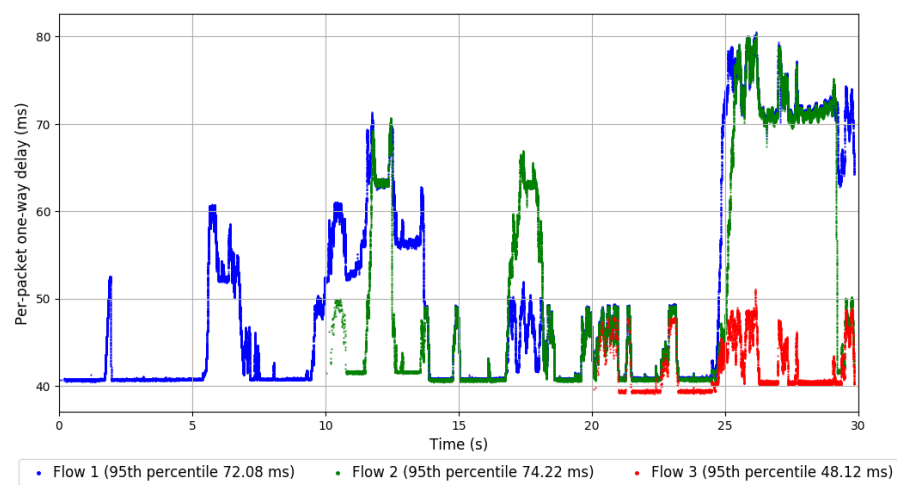
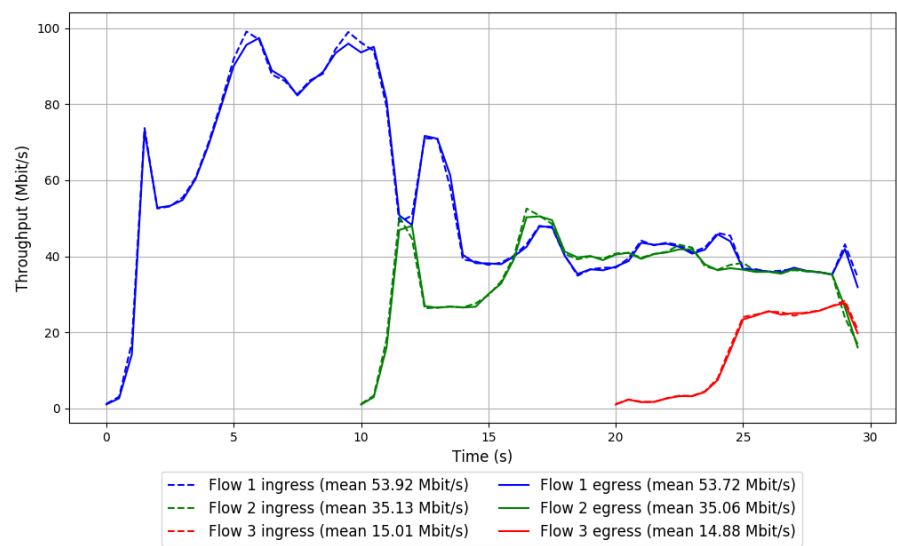


Run 3: Statistics of Vivace-latency

Start at: 2018-03-27 15:12:59
End at: 2018-03-27 15:13:29
Local clock offset: -0.039 ms
Remote clock offset: -2.722 ms

Below is generated by plot.py at 2018-03-27 23:53:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.90 Mbit/s
95th percentile per-packet one-way delay: 72.365 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 72.075 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 74.217 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 14.88 Mbit/s
95th percentile per-packet one-way delay: 48.120 ms
Loss rate: 1.57%

Run 3: Report of Vivace-latency — Data Link

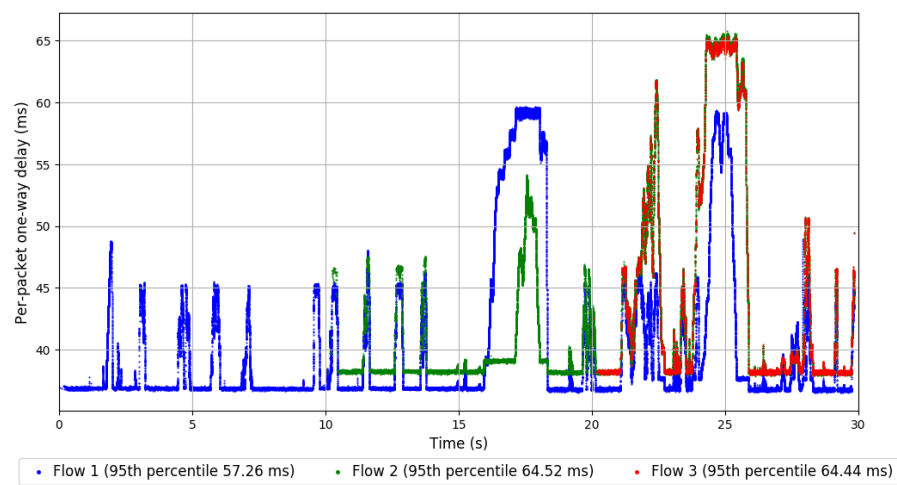
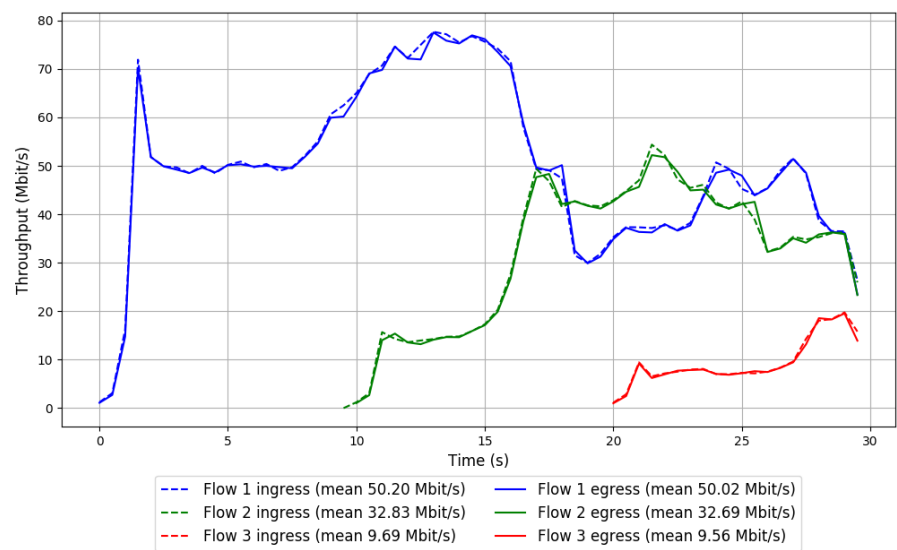


Run 4: Statistics of Vivace-latency

Start at: 2018-03-27 15:39:15
End at: 2018-03-27 15:39:45
Local clock offset: -0.655 ms
Remote clock offset: -2.273 ms

```
# Below is generated by plot.py at 2018-03-27 23:53:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.87 Mbit/s
95th percentile per-packet one-way delay: 59.112 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 57.255 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 64.517 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 64.440 ms
Loss rate: 2.12%
```

Run 4: Report of Vivace-latency — Data Link

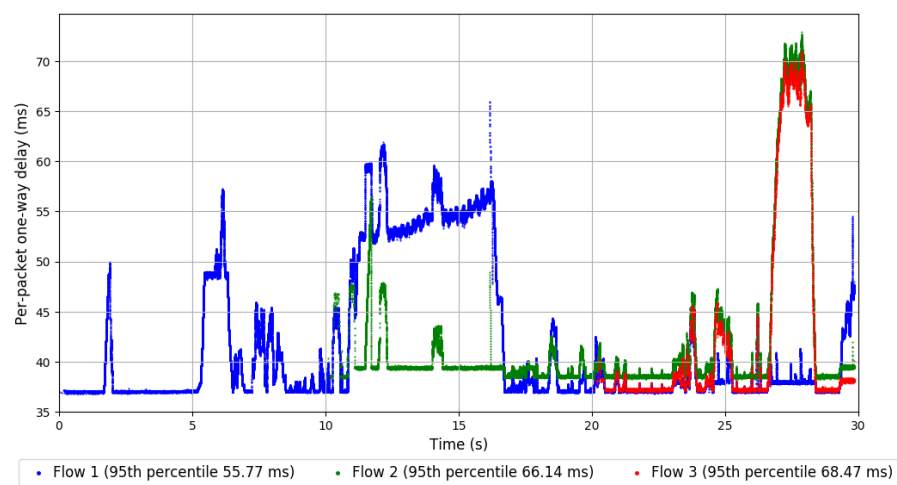
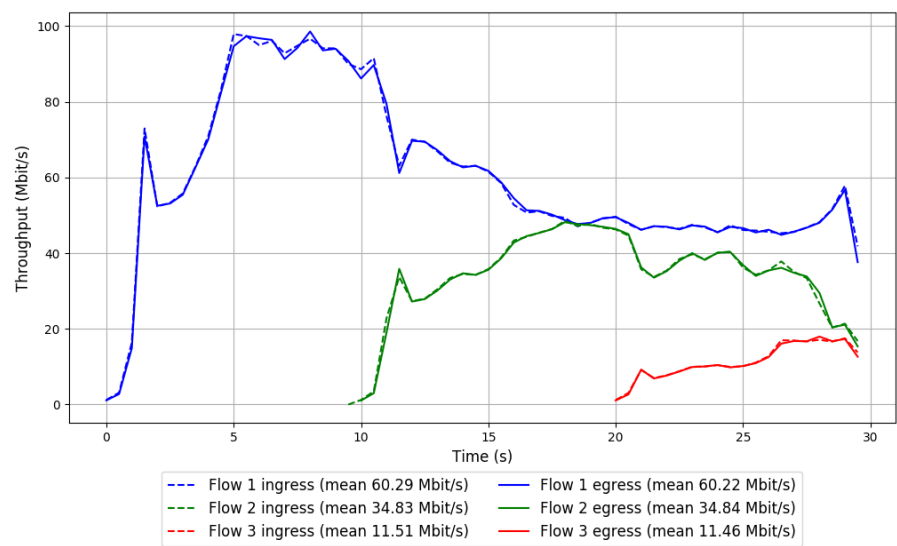


Run 5: Statistics of Vivace-latency

Start at: 2018-03-27 16:04:45
End at: 2018-03-27 16:05:15
Local clock offset: 0.977 ms
Remote clock offset: -6.274 ms

Below is generated by plot.py at 2018-03-27 23:53:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 56.791 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 60.22 Mbit/s
95th percentile per-packet one-way delay: 55.770 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 34.84 Mbit/s
95th percentile per-packet one-way delay: 66.138 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 11.46 Mbit/s
95th percentile per-packet one-way delay: 68.471 ms
Loss rate: 1.12%

Run 5: Report of Vivace-latency — Data Link

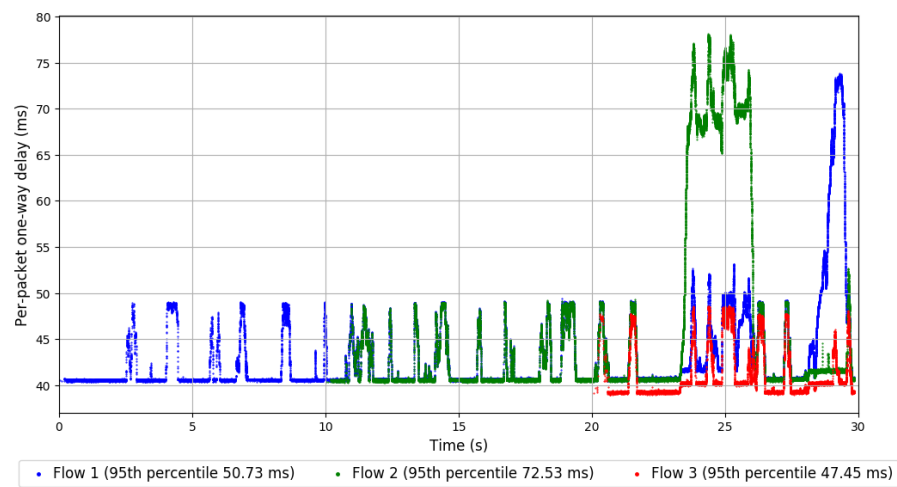
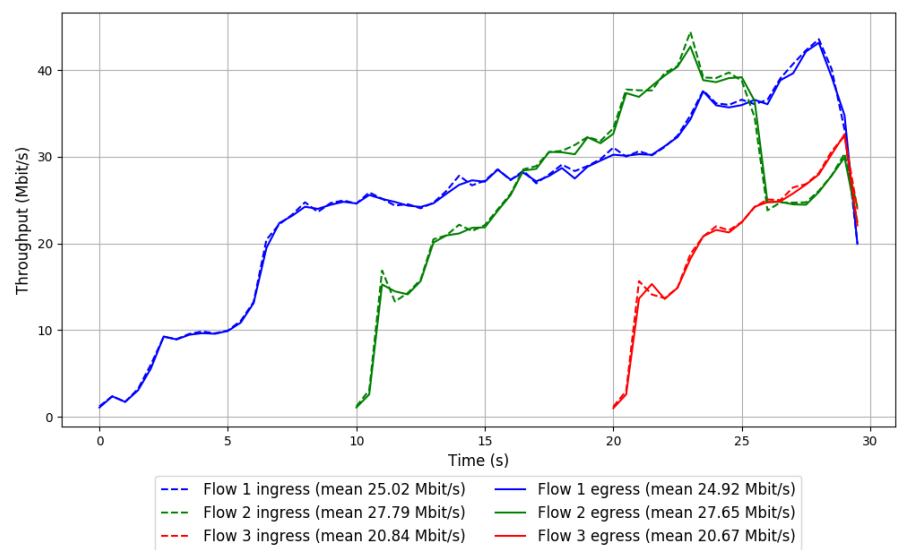


Run 6: Statistics of Vivace-latency

Start at: 2018-03-27 16:29:36
End at: 2018-03-27 16:30:06
Local clock offset: -0.194 ms
Remote clock offset: -3.071 ms

Below is generated by plot.py at 2018-03-27 23:53:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 68.953 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 50.726 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 72.529 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 20.67 Mbit/s
95th percentile per-packet one-way delay: 47.454 ms
Loss rate: 1.46%

Run 6: Report of Vivace-latency — Data Link

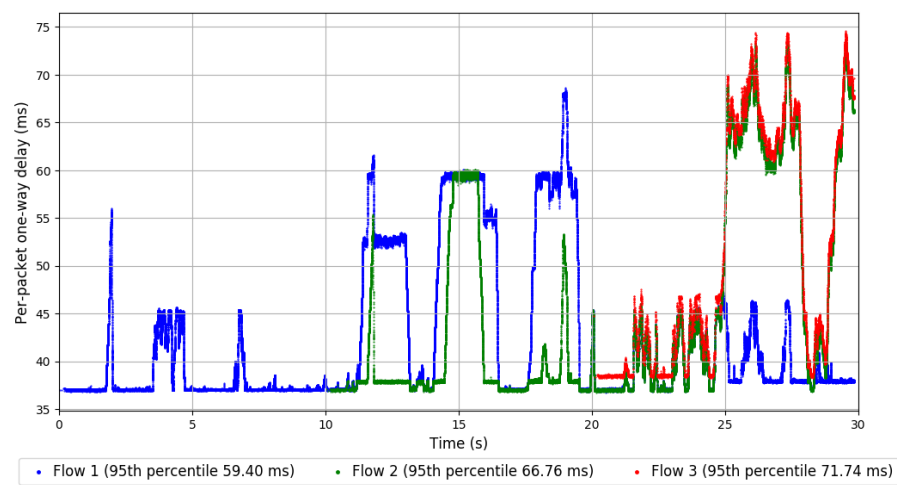
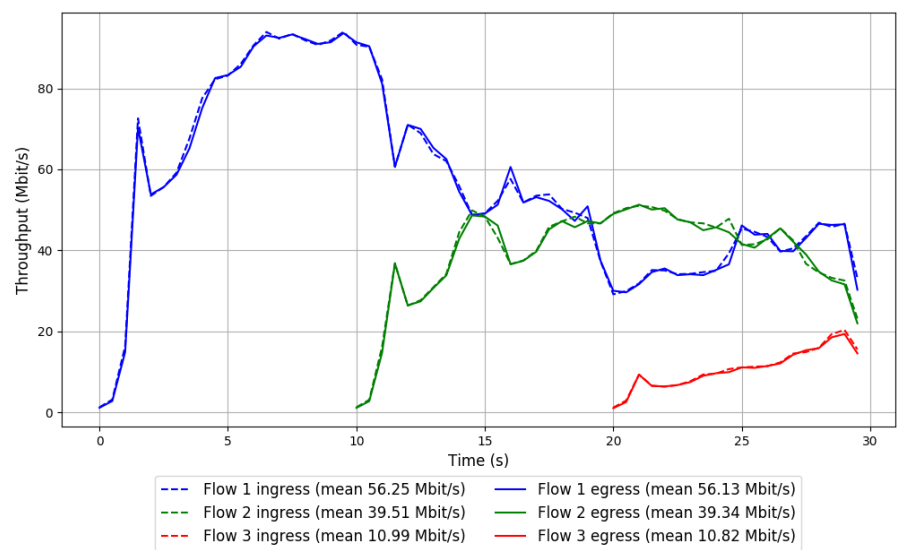


Run 7: Statistics of Vivace-latency

Start at: 2018-03-27 16:54:35
End at: 2018-03-27 16:55:05
Local clock offset: 0.547 ms
Remote clock offset: -2.164 ms

Below is generated by plot.py at 2018-03-27 23:53:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.81 Mbit/s
95th percentile per-packet one-way delay: 63.472 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 56.13 Mbit/s
95th percentile per-packet one-way delay: 59.404 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 39.34 Mbit/s
95th percentile per-packet one-way delay: 66.764 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 71.743 ms
Loss rate: 2.27%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-03-27 17:24:33

End at: 2018-03-27 17:25:03

Local clock offset: 2.059 ms

Remote clock offset: -4.77 ms

Below is generated by plot.py at 2018-03-27 23:53:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 6.44 Mbit/s

95th percentile per-packet one-way delay: 45.149 ms

Loss rate: 3.13%

-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 45.124 ms

Loss rate: 2.82%

-- Flow 2:

Average throughput: 4.98 Mbit/s

95th percentile per-packet one-way delay: 45.176 ms

Loss rate: 3.22%

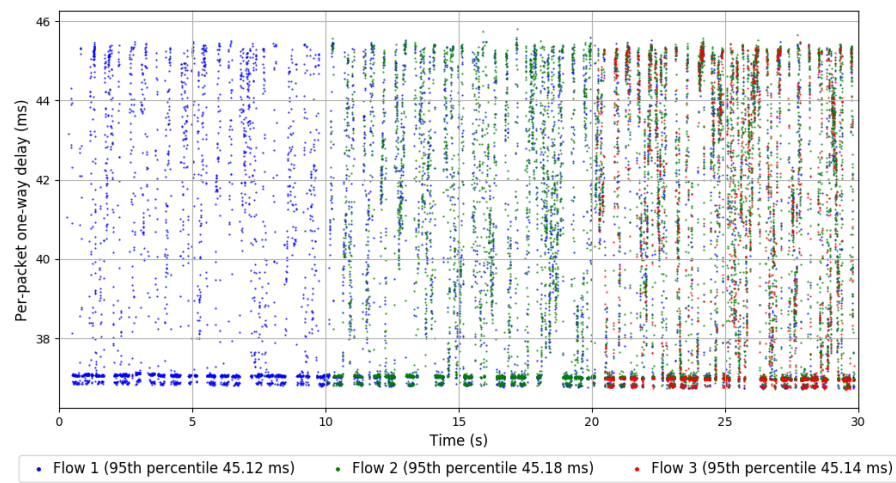
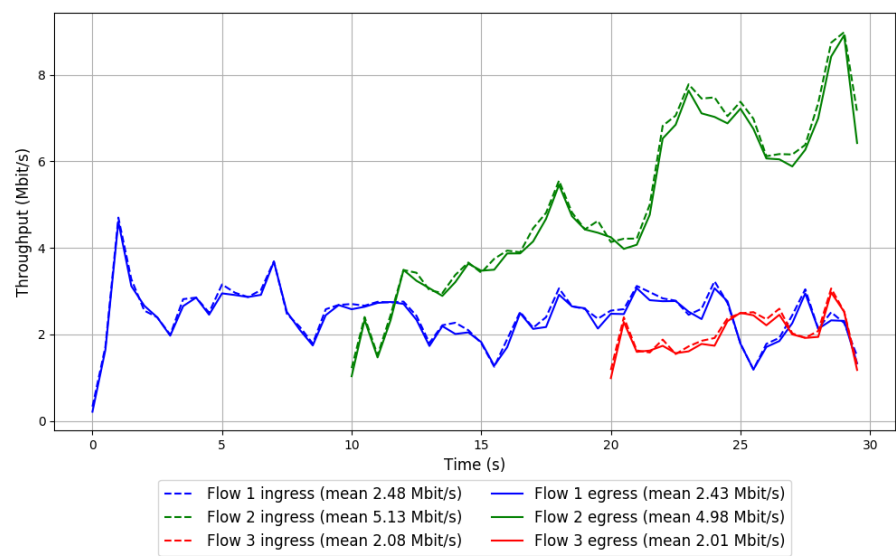
-- Flow 3:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 45.137 ms

Loss rate: 3.81%

Run 8: Report of Vivace-latency — Data Link

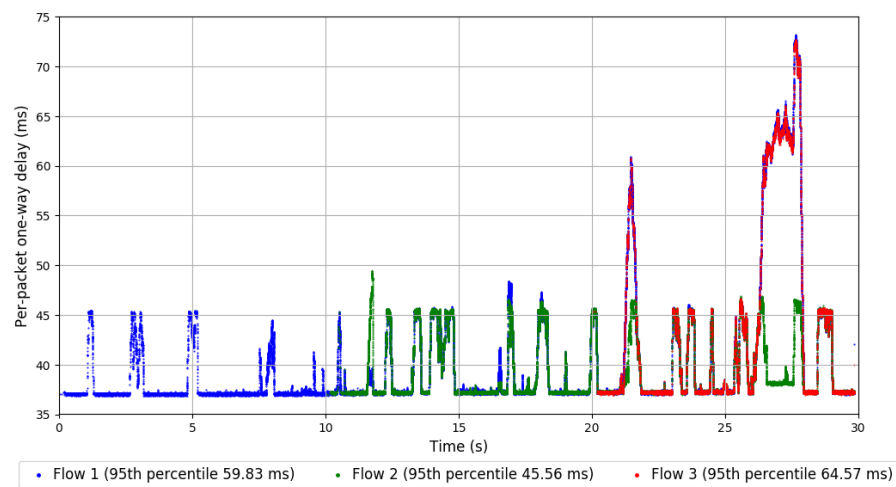
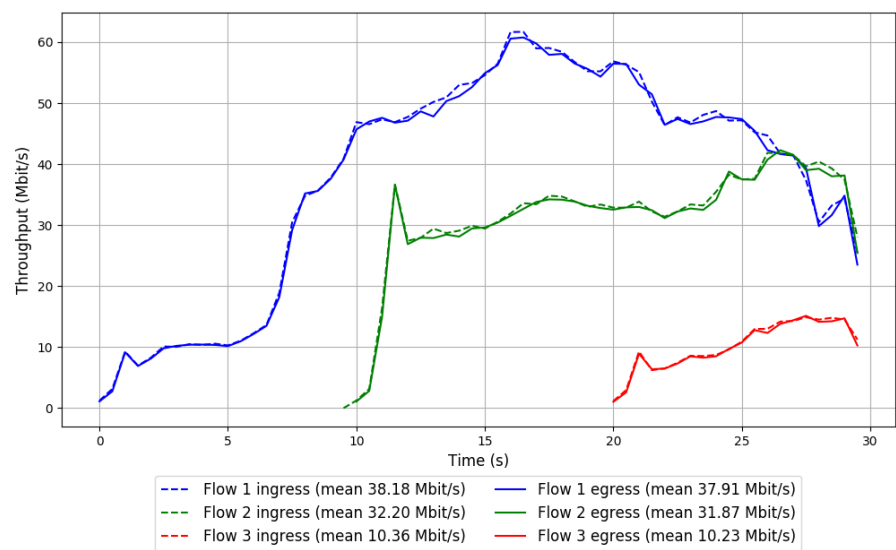


Run 9: Statistics of Vivace-latency

Start at: 2018-03-27 17:50:57
End at: 2018-03-27 17:51:27
Local clock offset: 3.044 ms
Remote clock offset: -6.904 ms

Below is generated by plot.py at 2018-03-27 23:53:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.44 Mbit/s
95th percentile per-packet one-way delay: 54.289 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 37.91 Mbit/s
95th percentile per-packet one-way delay: 59.834 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 45.563 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 10.23 Mbit/s
95th percentile per-packet one-way delay: 64.568 ms
Loss rate: 2.00%

Run 9: Report of Vivace-latency — Data Link

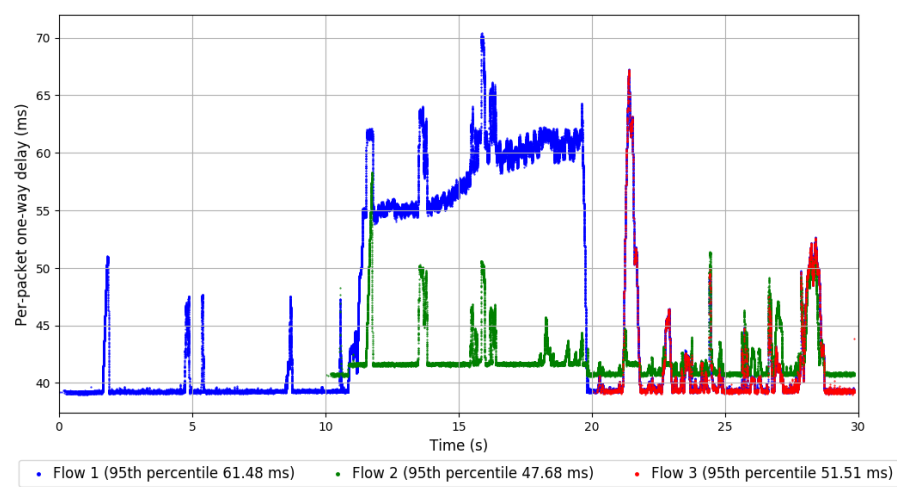
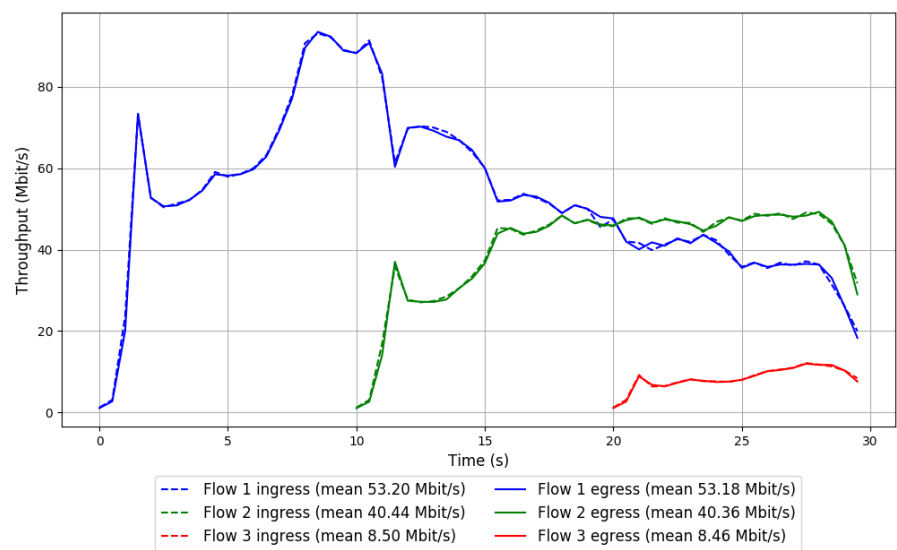


Run 10: Statistics of Vivace-latency

Start at: 2018-03-27 18:16:22
End at: 2018-03-27 18:16:52
Local clock offset: 2.051 ms
Remote clock offset: -5.631 ms

Below is generated by plot.py at 2018-03-27 23:54:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.76 Mbit/s
95th percentile per-packet one-way delay: 60.999 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 53.18 Mbit/s
95th percentile per-packet one-way delay: 61.477 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 47.683 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 51.506 ms
Loss rate: 1.00%

Run 10: Report of Vivace-latency — Data Link

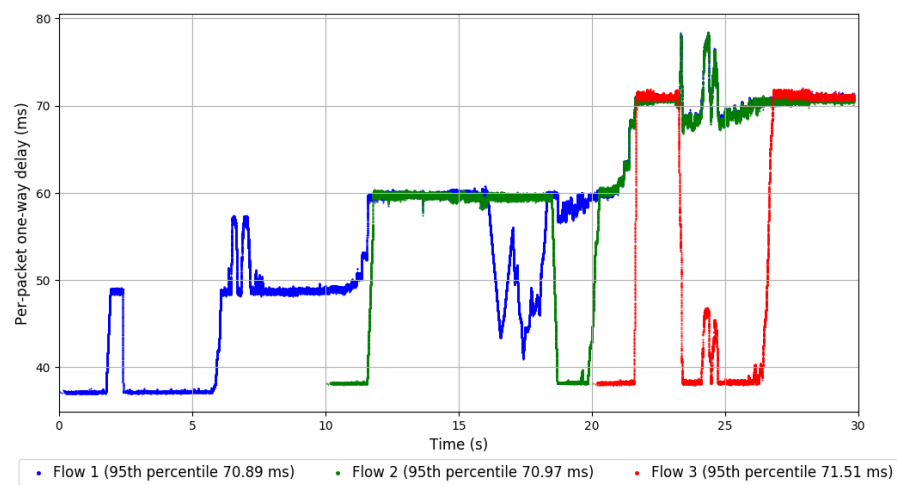
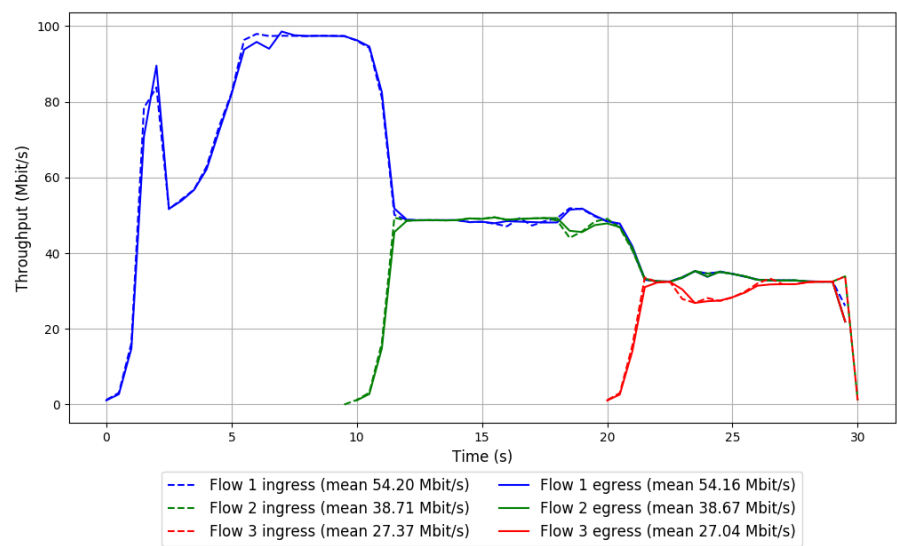


Run 1: Statistics of Vivace-loss

Start at: 2018-03-27 14:33:39
End at: 2018-03-27 14:34:09
Local clock offset: 4.345 ms
Remote clock offset: -0.369 ms

Below is generated by plot.py at 2018-03-27 23:54:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.74 Mbit/s
95th percentile per-packet one-way delay: 71.105 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 54.16 Mbit/s
95th percentile per-packet one-way delay: 70.891 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 70.975 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 71.513 ms
Loss rate: 3.35%

Run 1: Report of Vivace-loss — Data Link

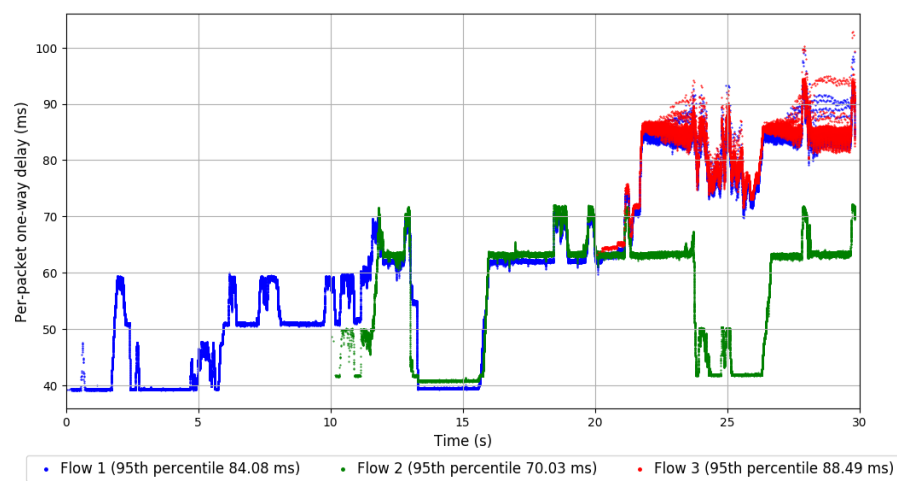
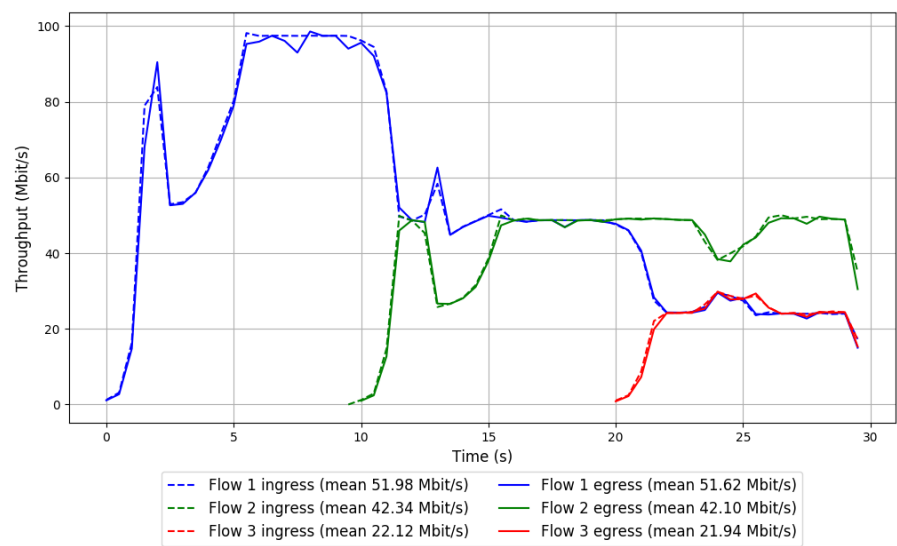


Run 2: Statistics of Vivace-loss

Start at: 2018-03-27 14:59:16
End at: 2018-03-27 14:59:46
Local clock offset: 4.449 ms
Remote clock offset: -1.146 ms

Below is generated by plot.py at 2018-03-27 23:54:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 85.049 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 51.62 Mbit/s
95th percentile per-packet one-way delay: 84.079 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 42.10 Mbit/s
95th percentile per-packet one-way delay: 70.025 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 21.94 Mbit/s
95th percentile per-packet one-way delay: 88.493 ms
Loss rate: 1.85%

Run 2: Report of Vivace-loss — Data Link

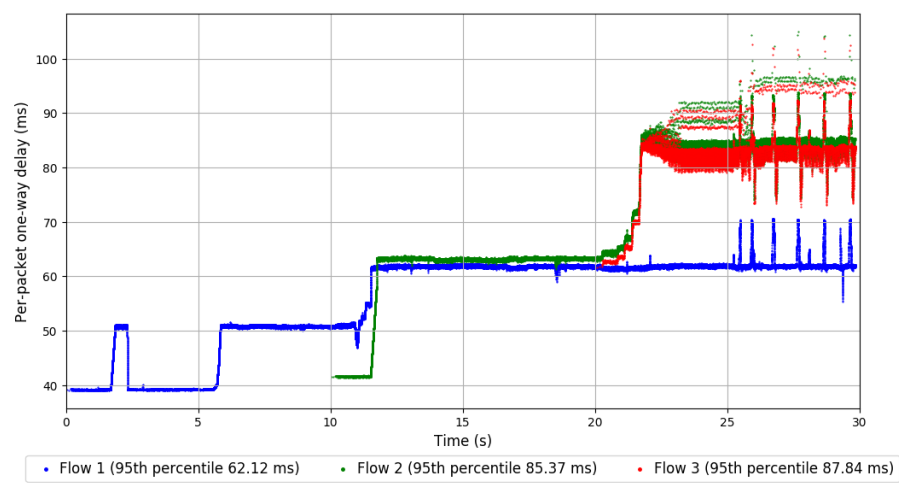
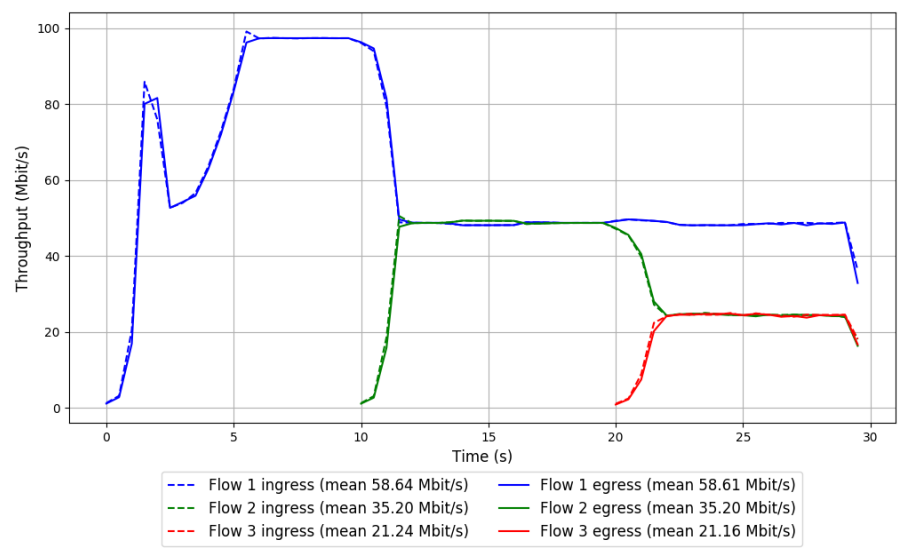


Run 3: Statistics of Vivace-loss

Start at: 2018-03-27 15:24:48
End at: 2018-03-27 15:25:18
Local clock offset: -1.408 ms
Remote clock offset: -3.027 ms

Below is generated by plot.py at 2018-03-27 23:54:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.92 Mbit/s
95th percentile per-packet one-way delay: 84.430 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 58.61 Mbit/s
95th percentile per-packet one-way delay: 62.122 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 35.20 Mbit/s
95th percentile per-packet one-way delay: 85.372 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 21.16 Mbit/s
95th percentile per-packet one-way delay: 87.841 ms
Loss rate: 1.55%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-27 15:51:07

End at: 2018-03-27 15:51:37

Local clock offset: 0.55 ms

Remote clock offset: -7.107 ms

Run 4: Report of Vivace-loss — Data Link

Figure is missing

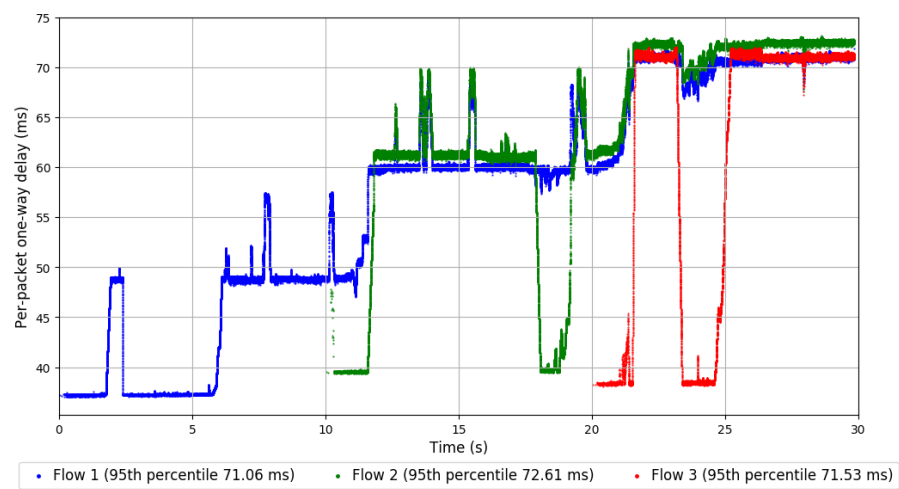
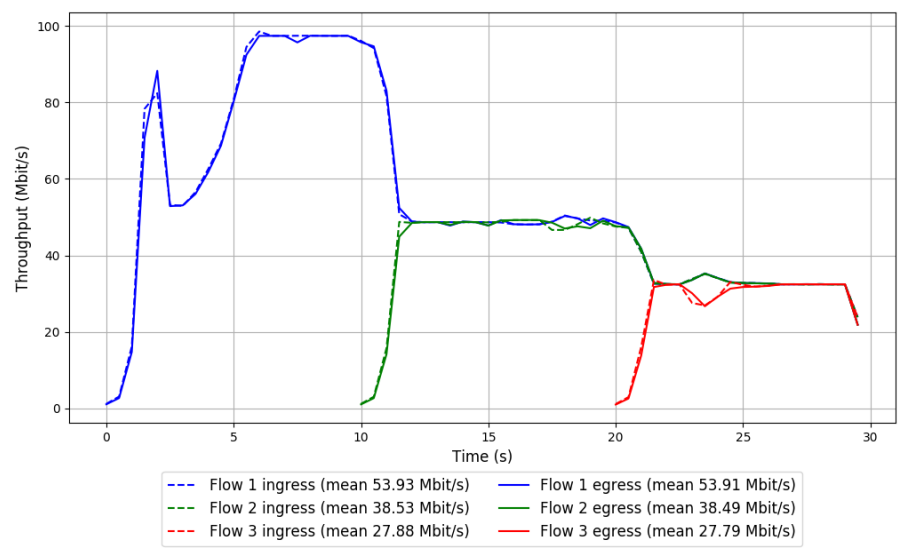
Figure is missing

Run 5: Statistics of Vivace-loss

Start at: 2018-03-27 16:15:59
End at: 2018-03-27 16:16:29
Local clock offset: 0.267 ms
Remote clock offset: -3.767 ms

Below is generated by plot.py at 2018-03-27 23:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.60 Mbit/s
95th percentile per-packet one-way delay: 72.326 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 53.91 Mbit/s
95th percentile per-packet one-way delay: 71.055 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 72.608 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 27.79 Mbit/s
95th percentile per-packet one-way delay: 71.534 ms
Loss rate: 1.20%

Run 5: Report of Vivace-loss — Data Link

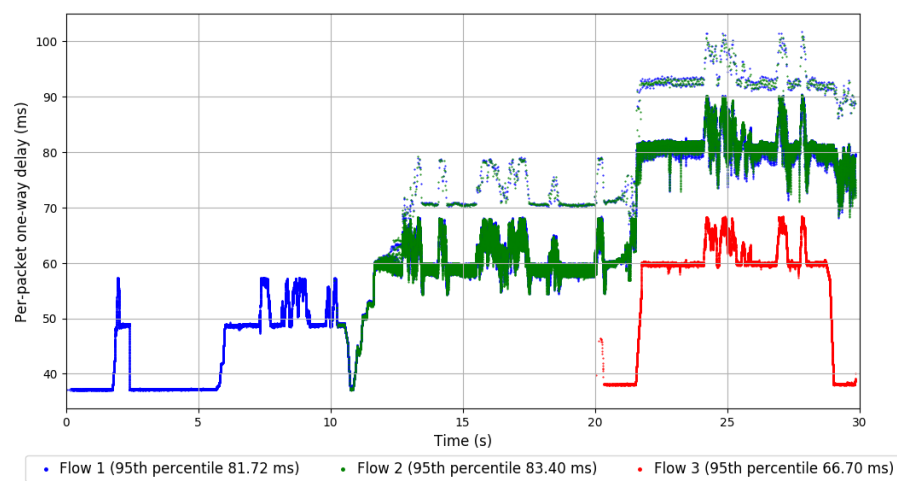
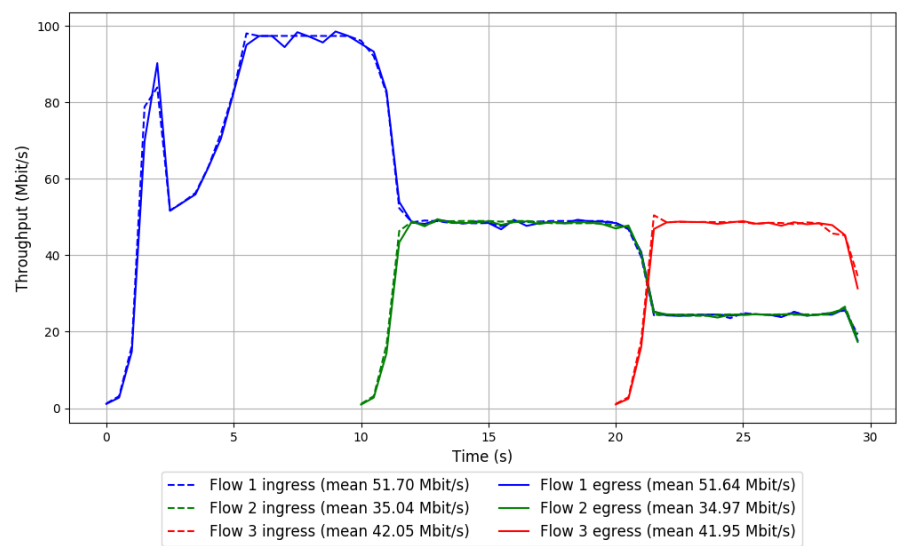


Run 6: Statistics of Vivace-loss

Start at: 2018-03-27 16:41:00
End at: 2018-03-27 16:41:30
Local clock offset: -0.334 ms
Remote clock offset: -0.165 ms

Below is generated by plot.py at 2018-03-27 23:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.62 Mbit/s
95th percentile per-packet one-way delay: 81.763 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 51.64 Mbit/s
95th percentile per-packet one-way delay: 81.725 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 34.97 Mbit/s
95th percentile per-packet one-way delay: 83.400 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 41.95 Mbit/s
95th percentile per-packet one-way delay: 66.705 ms
Loss rate: 0.95%

Run 6: Report of Vivace-loss — Data Link

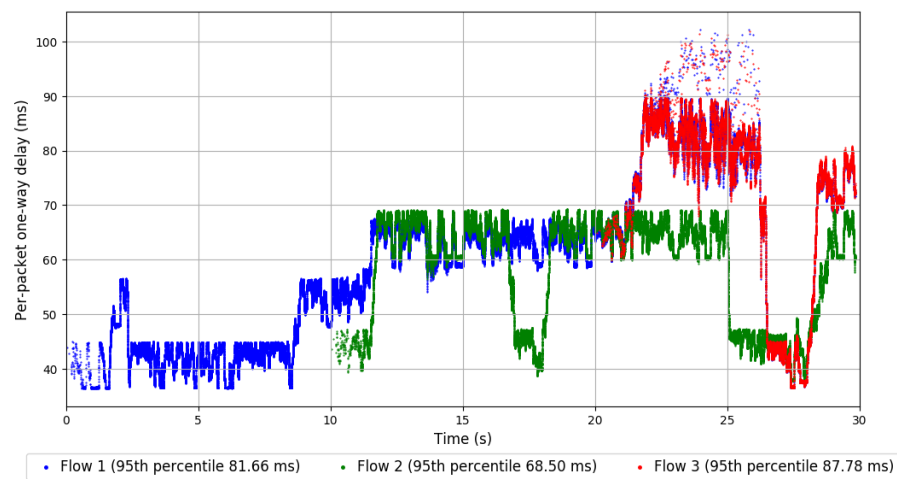
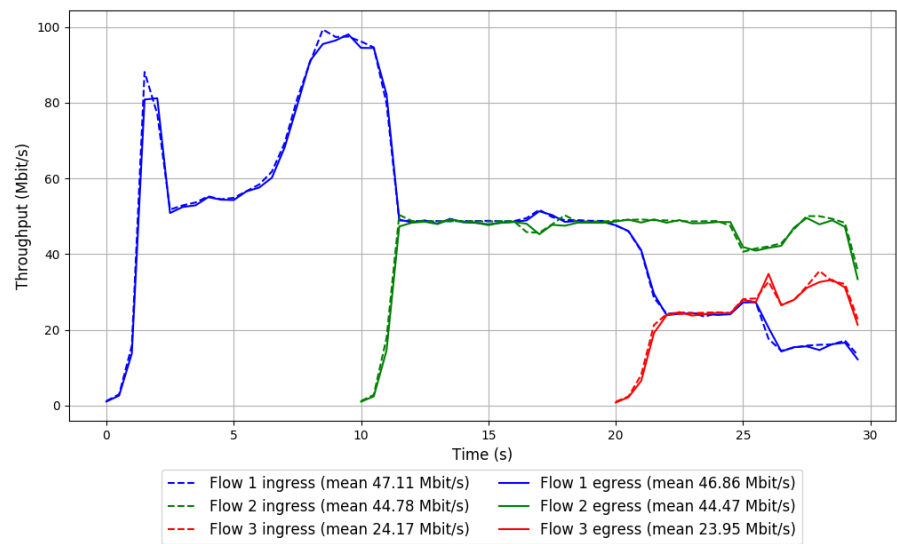


Run 7: Statistics of Vivace-loss

Start at: 2018-03-27 17:08:43
End at: 2018-03-27 17:09:13
Local clock offset: 0.981 ms
Remote clock offset: -2.764 ms

Below is generated by plot.py at 2018-03-27 23:55:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.25 Mbit/s
95th percentile per-packet one-way delay: 82.310 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 81.659 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 44.47 Mbit/s
95th percentile per-packet one-way delay: 68.503 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 87.776 ms
Loss rate: 2.03%

Run 7: Report of Vivace-loss — Data Link

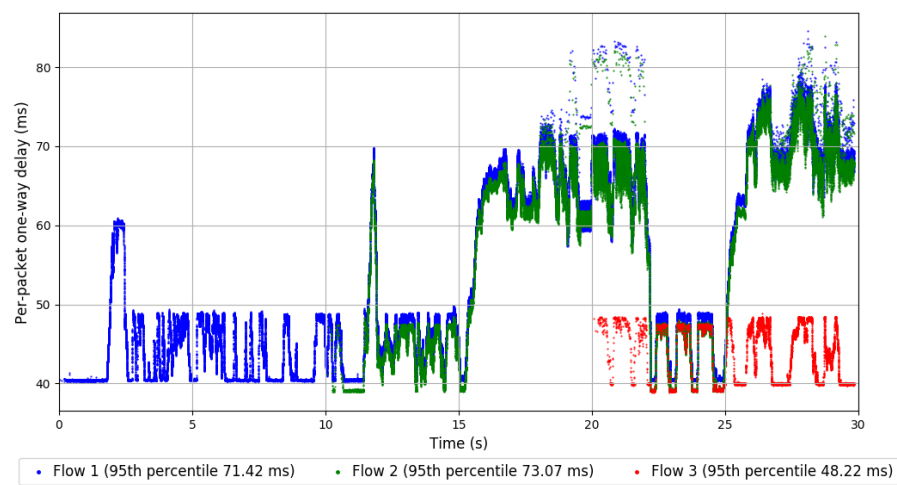
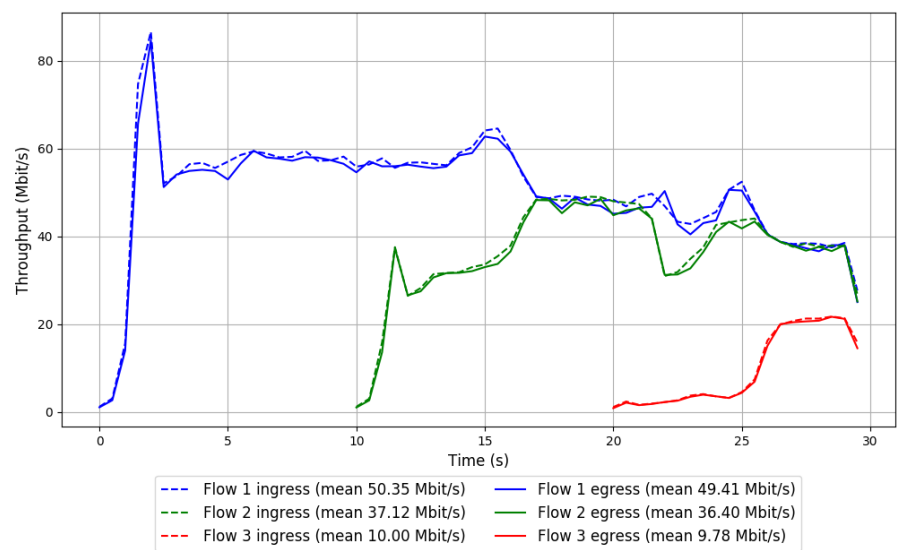


Run 8: Statistics of Vivace-loss

Start at: 2018-03-27 17:37:03
End at: 2018-03-27 17:37:33
Local clock offset: 2.755 ms
Remote clock offset: -8.075 ms

Below is generated by plot.py at 2018-03-27 23:55:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.80 Mbit/s
95th percentile per-packet one-way delay: 71.883 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 71.424 ms
Loss rate: 2.13%
-- Flow 2:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 73.067 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 9.78 Mbit/s
95th percentile per-packet one-way delay: 48.220 ms
Loss rate: 2.97%

Run 8: Report of Vivace-loss — Data Link

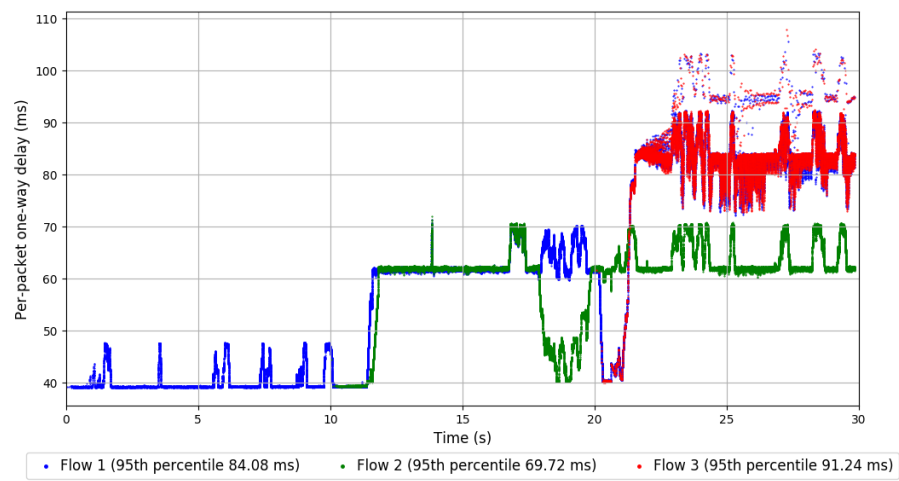
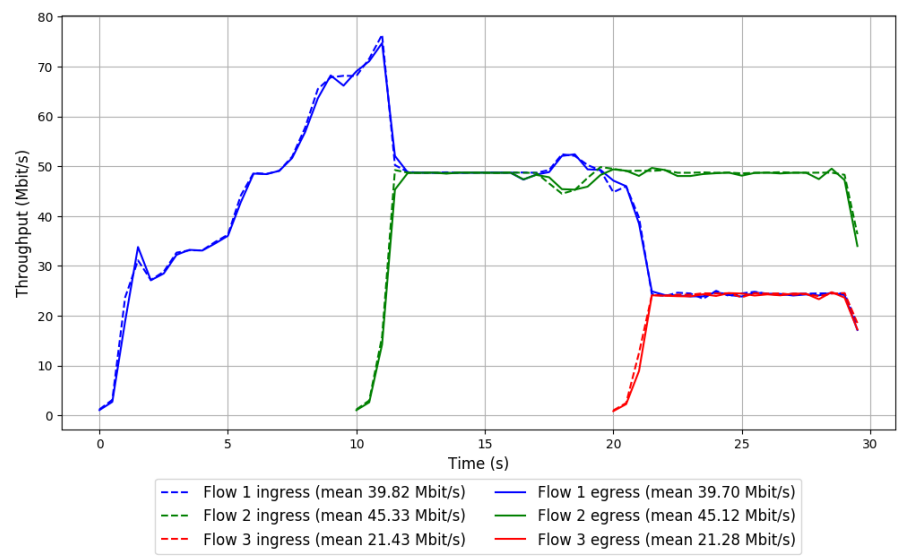


Run 9: Statistics of Vivace-loss

Start at: 2018-03-27 18:02:38
End at: 2018-03-27 18:03:08
Local clock offset: 2.211 ms
Remote clock offset: -6.627 ms

Below is generated by plot.py at 2018-03-27 23:55:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.63 Mbit/s
95th percentile per-packet one-way delay: 84.183 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 84.081 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 45.12 Mbit/s
95th percentile per-packet one-way delay: 69.718 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 21.28 Mbit/s
95th percentile per-packet one-way delay: 91.242 ms
Loss rate: 1.86%

Run 9: Report of Vivace-loss — Data Link

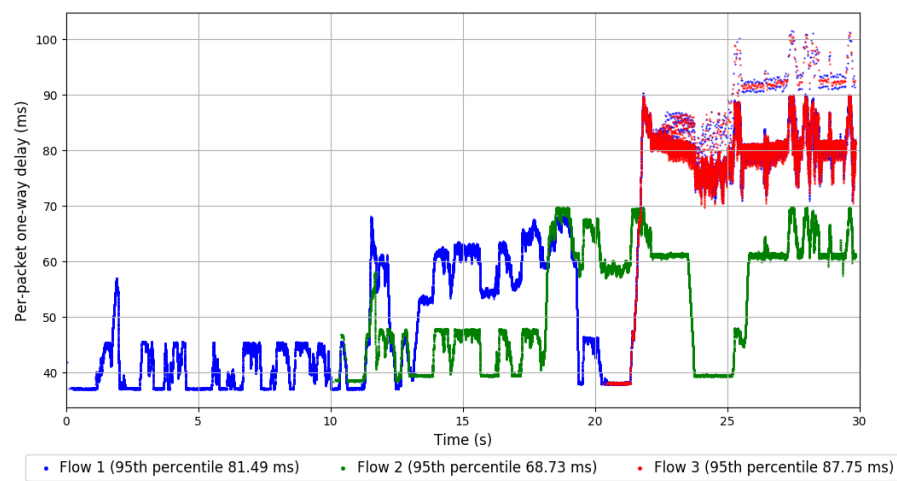
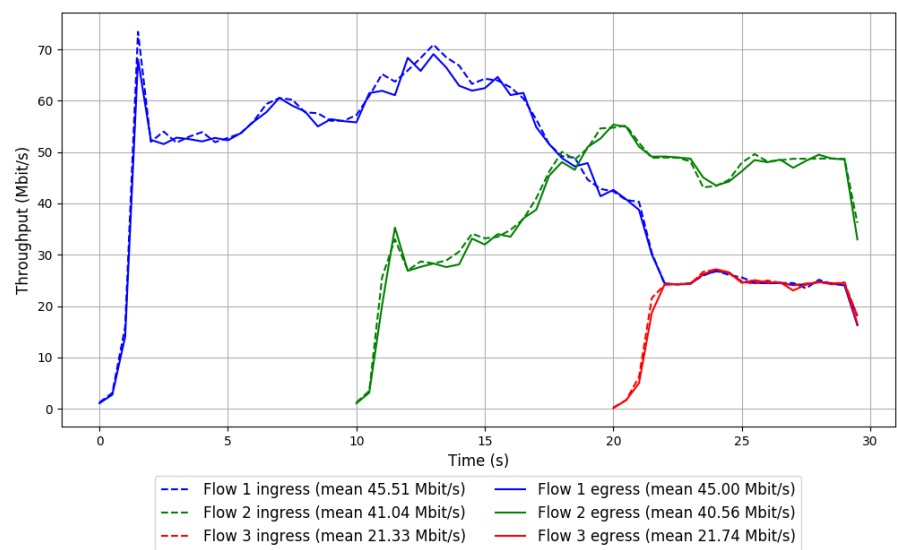


Run 10: Statistics of Vivace-loss

Start at: 2018-03-27 18:28:51
End at: 2018-03-27 18:29:21
Local clock offset: 2.204 ms
Remote clock offset: -3.791 ms

Below is generated by plot.py at 2018-03-27 23:55:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.89 Mbit/s
95th percentile per-packet one-way delay: 81.568 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 45.00 Mbit/s
95th percentile per-packet one-way delay: 81.493 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 68.728 ms
Loss rate: 1.56%
-- Flow 3:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 87.751 ms
Loss rate: 1.65%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-03-27 14:41:58

End at: 2018-03-27 14:42:28

Local clock offset: 4.157 ms

Remote clock offset: 0.528 ms

Below is generated by plot.py at 2018-03-27 23:55:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.03 Mbit/s

95th percentile per-packet one-way delay: 75.131 ms

Loss rate: 0.64%

-- Flow 1:

Average throughput: 55.52 Mbit/s

95th percentile per-packet one-way delay: 70.888 ms

Loss rate: 0.44%

-- Flow 2:

Average throughput: 35.64 Mbit/s

95th percentile per-packet one-way delay: 77.785 ms

Loss rate: 0.82%

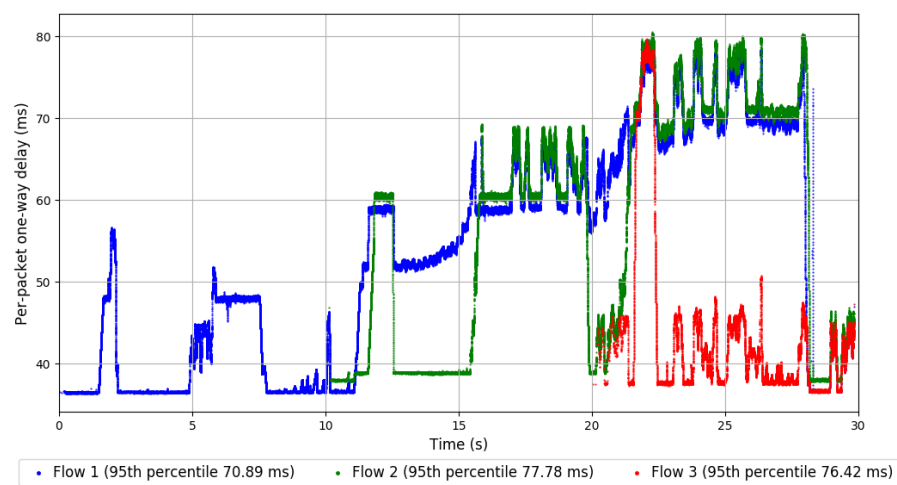
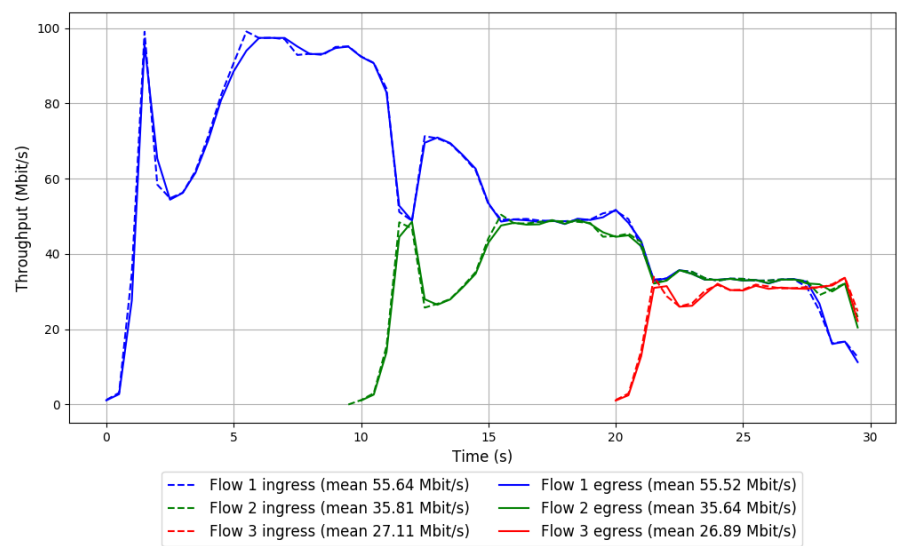
-- Flow 3:

Average throughput: 26.89 Mbit/s

95th percentile per-packet one-way delay: 76.417 ms

Loss rate: 1.45%

Run 1: Report of Vivace-LTE — Data Link

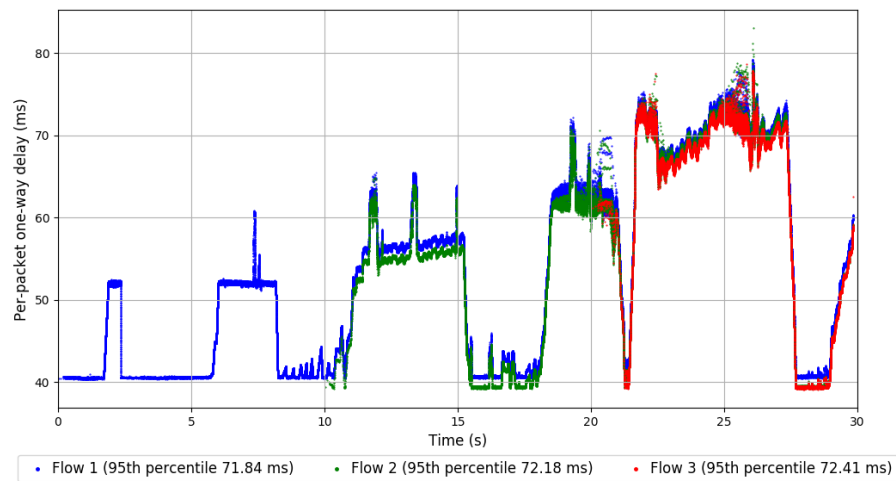
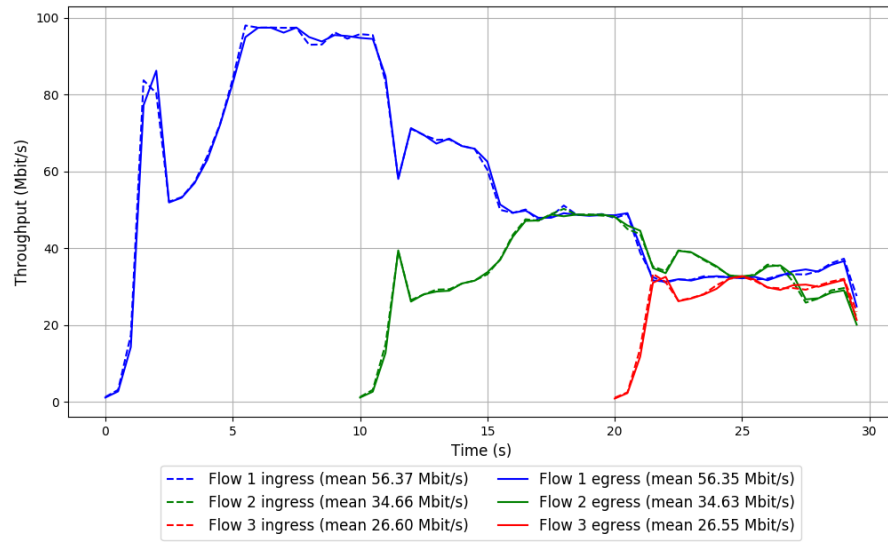


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-27 15:07:32
End at: 2018-03-27 15:08:02
Local clock offset: 1.087 ms
Remote clock offset: -2.049 ms

Below is generated by plot.py at 2018-03-27 23:56:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.05 Mbit/s
95th percentile per-packet one-way delay: 72.188 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 71.836 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 72.179 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 26.55 Mbit/s
95th percentile per-packet one-way delay: 72.412 ms
Loss rate: 1.08%

Run 2: Report of Vivace-LTE — Data Link

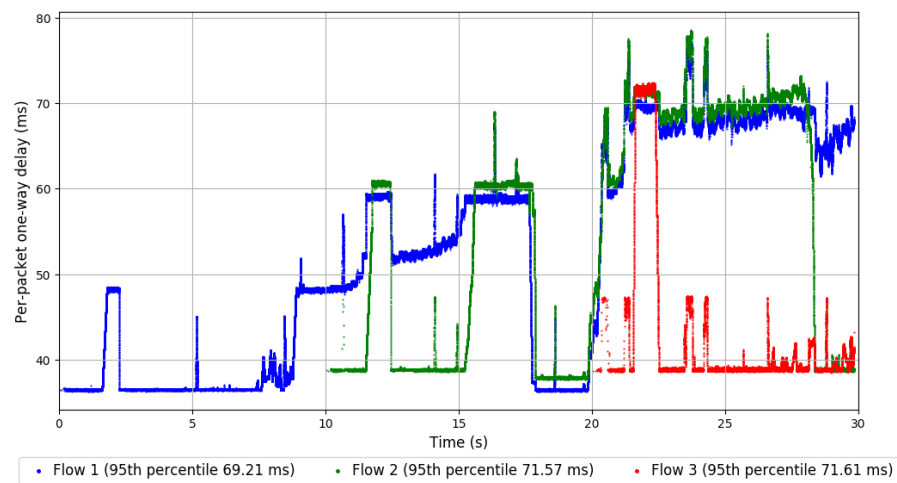
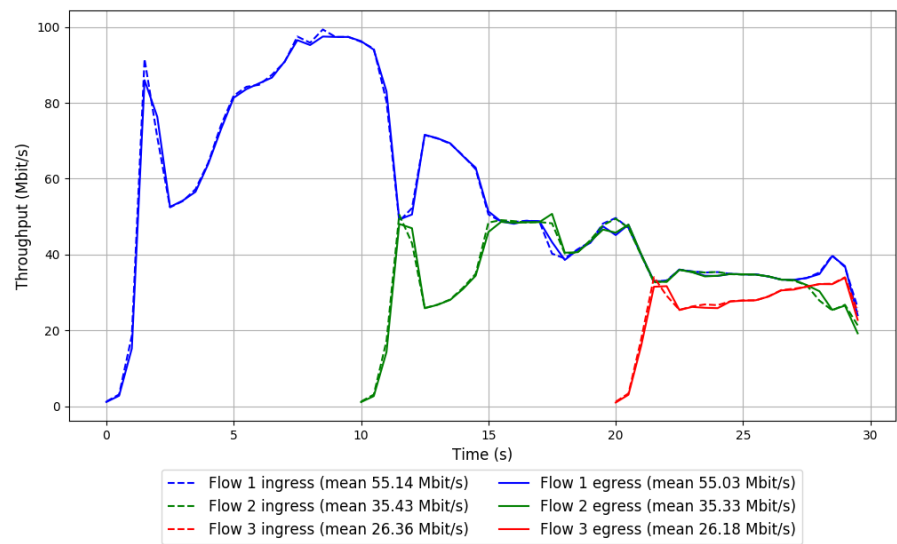


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-27 15:33:35
End at: 2018-03-27 15:34:05
Local clock offset: -2.014 ms
Remote clock offset: -0.463 ms

Below is generated by plot.py at 2018-03-27 23:56:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.09 Mbit/s
95th percentile per-packet one-way delay: 70.753 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 69.212 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 71.569 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 26.18 Mbit/s
95th percentile per-packet one-way delay: 71.612 ms
Loss rate: 1.34%

Run 3: Report of Vivace-LTE — Data Link

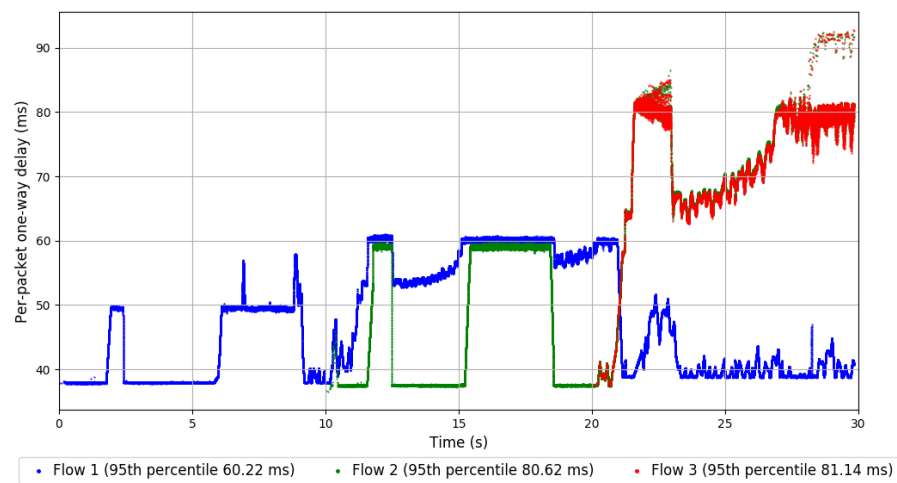
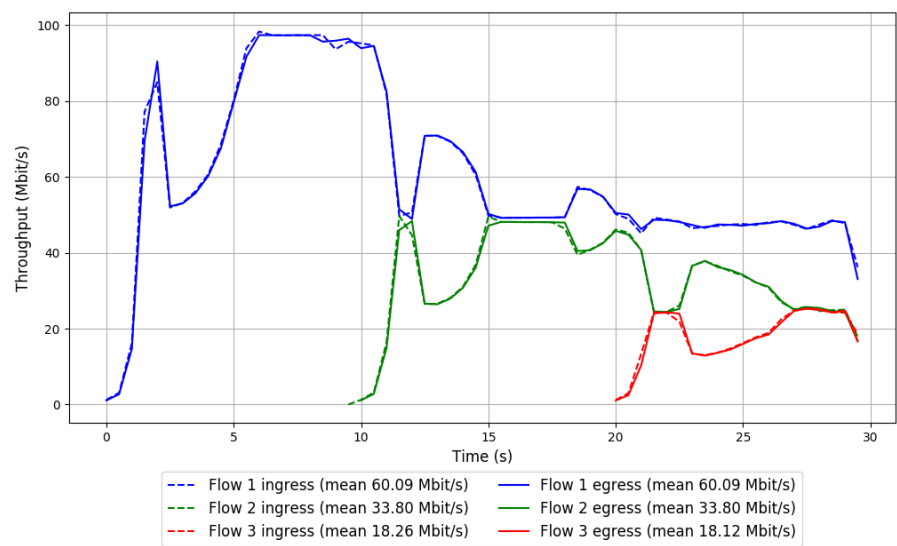


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-27 15:59:18
End at: 2018-03-27 15:59:48
Local clock offset: 0.846 ms
Remote clock offset: -5.382 ms

```
# Below is generated by plot.py at 2018-03-27 23:56:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 79.743 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 60.09 Mbit/s
95th percentile per-packet one-way delay: 60.216 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 80.623 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 18.12 Mbit/s
95th percentile per-packet one-way delay: 81.139 ms
Loss rate: 1.56%
```

Run 4: Report of Vivace-LTE — Data Link

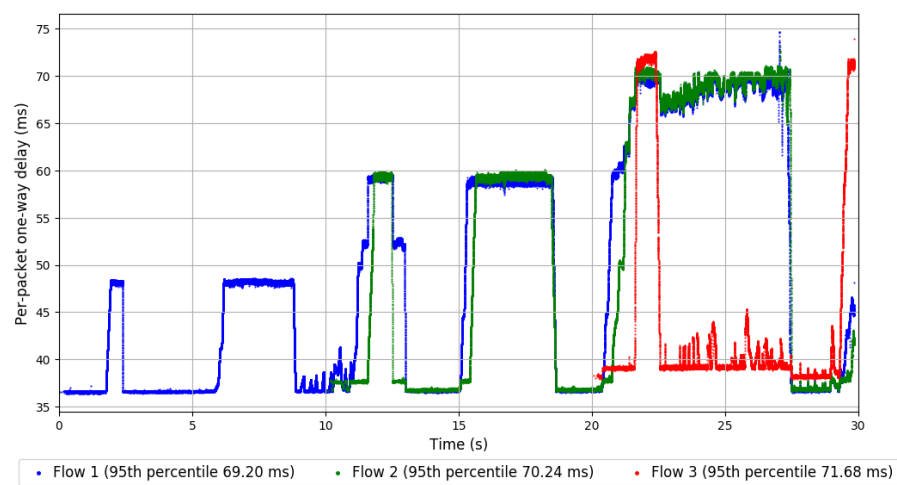
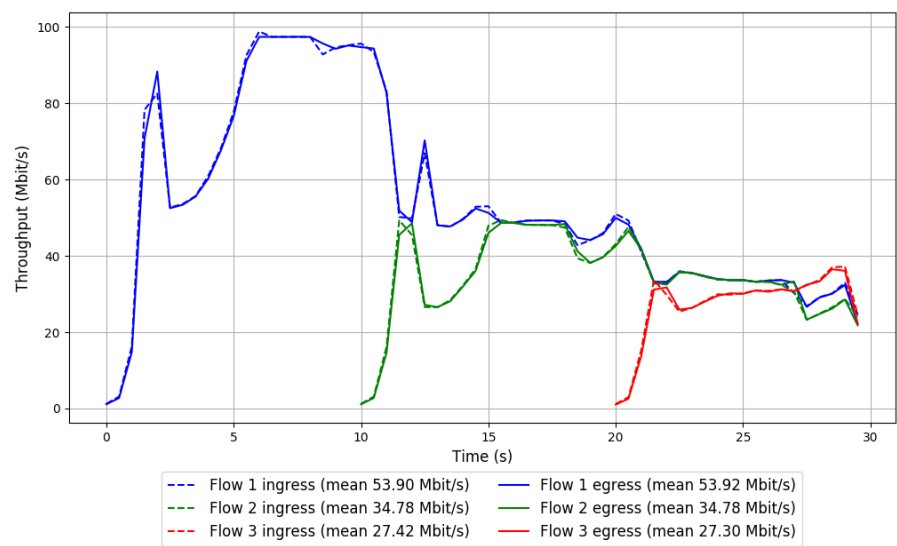


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-27 16:24:10
End at: 2018-03-27 16:24:40
Local clock offset: -0.052 ms
Remote clock offset: -1.177 ms

Below is generated by plot.py at 2018-03-27 23:56:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 69.826 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 53.92 Mbit/s
95th percentile per-packet one-way delay: 69.200 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 70.237 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 27.30 Mbit/s
95th percentile per-packet one-way delay: 71.680 ms
Loss rate: 1.23%

Run 5: Report of Vivace-LTE — Data Link

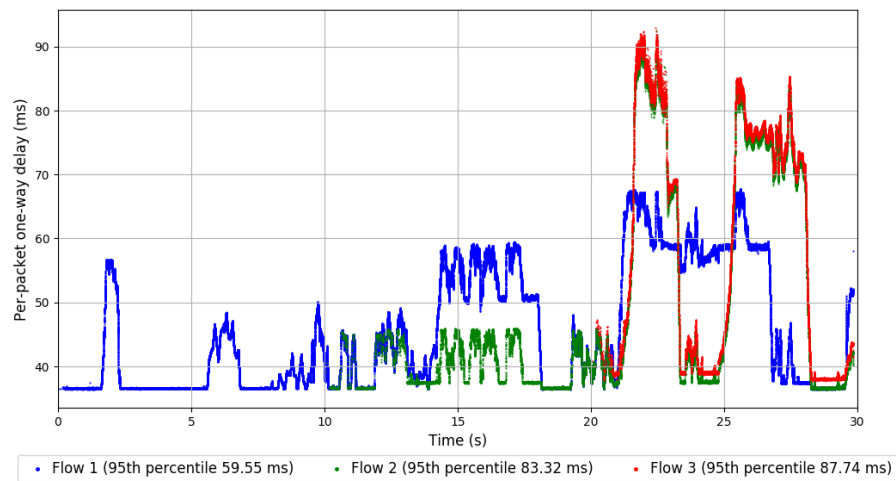
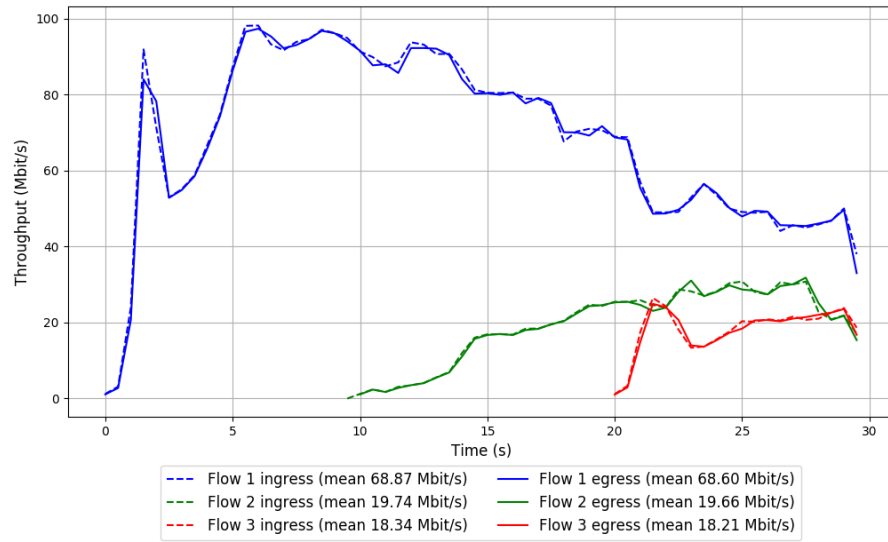


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-27 16:49:08
End at: 2018-03-27 16:49:38
Local clock offset: 0.326 ms
Remote clock offset: -0.842 ms

Below is generated by plot.py at 2018-03-27 23:56:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 75.321 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 68.60 Mbit/s
95th percentile per-packet one-way delay: 59.547 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 19.66 Mbit/s
95th percentile per-packet one-way delay: 83.323 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 18.21 Mbit/s
95th percentile per-packet one-way delay: 87.743 ms
Loss rate: 1.43%

Run 6: Report of Vivace-LTE — Data Link

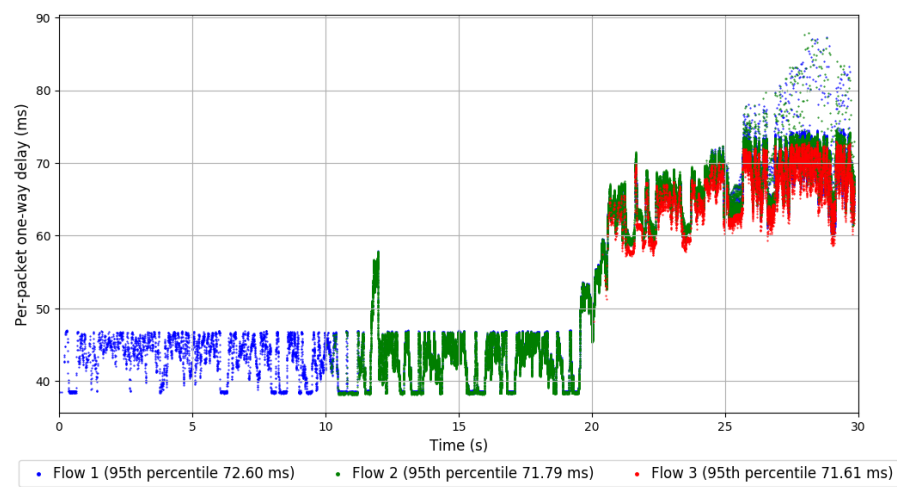
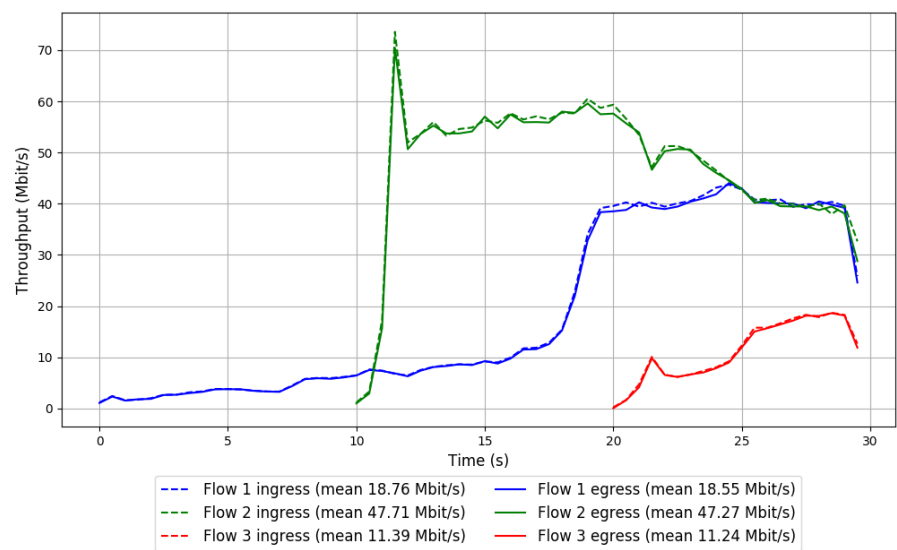


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-27 17:18:05
End at: 2018-03-27 17:18:35
Local clock offset: 1.36 ms
Remote clock offset: -3.702 ms

Below is generated by plot.py at 2018-03-27 23:56:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.64 Mbit/s
95th percentile per-packet one-way delay: 72.115 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 18.55 Mbit/s
95th percentile per-packet one-way delay: 72.600 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 71.787 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 71.615 ms
Loss rate: 2.08%

Run 7: Report of Vivace-LTE — Data Link

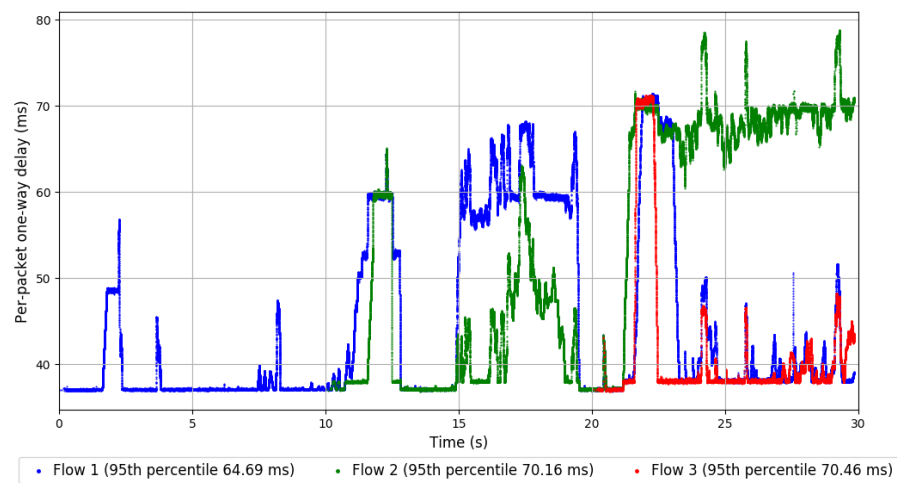
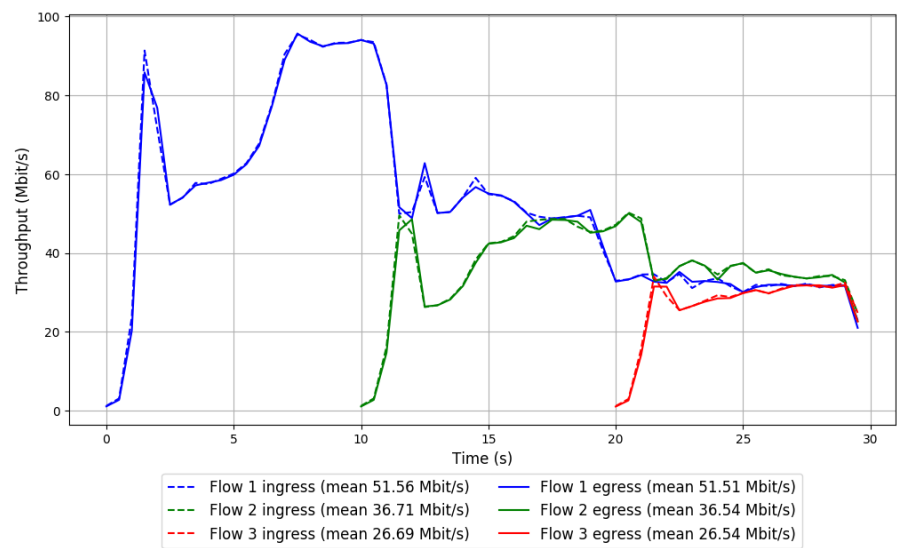


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-27 17:45:21
End at: 2018-03-27 17:45:51
Local clock offset: 3.053 ms
Remote clock offset: -6.511 ms

Below is generated by plot.py at 2018-03-27 23:56:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 69.669 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 51.51 Mbit/s
95th percentile per-packet one-way delay: 64.693 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 36.54 Mbit/s
95th percentile per-packet one-way delay: 70.160 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 26.54 Mbit/s
95th percentile per-packet one-way delay: 70.462 ms
Loss rate: 1.25%

Run 8: Report of Vivace-LTE — Data Link

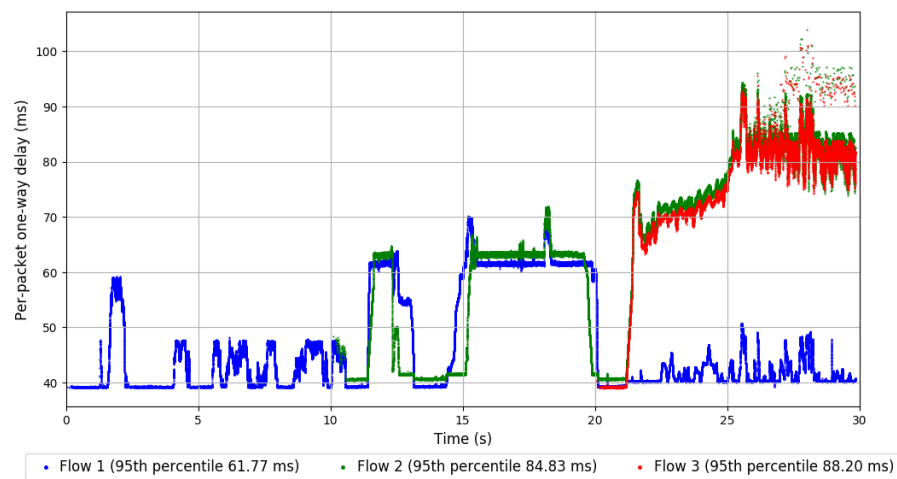
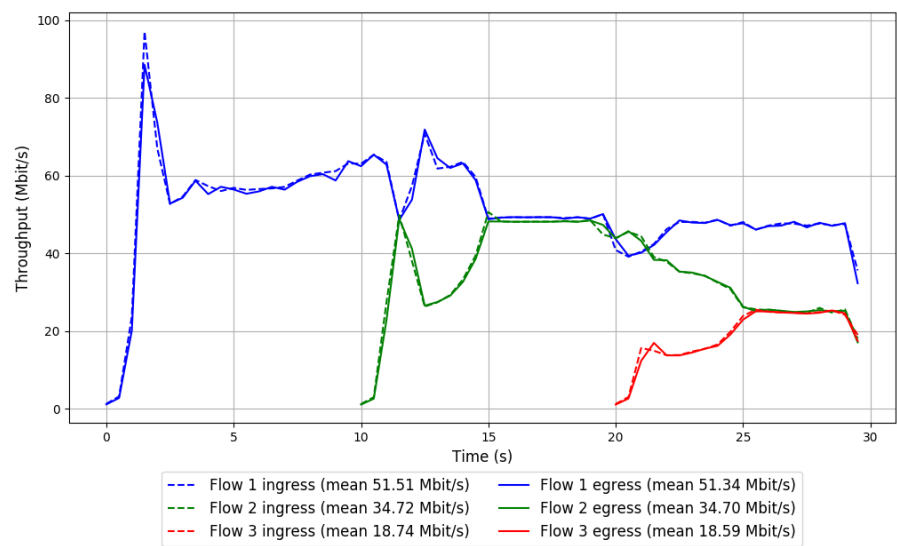


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-27 18:10:51
End at: 2018-03-27 18:11:21
Local clock offset: 2.078 ms
Remote clock offset: -5.859 ms

Below is generated by plot.py at 2018-03-27 23:56:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.48 Mbit/s
95th percentile per-packet one-way delay: 82.808 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 51.34 Mbit/s
95th percentile per-packet one-way delay: 61.773 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 34.70 Mbit/s
95th percentile per-packet one-way delay: 84.831 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 88.202 ms
Loss rate: 1.60%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-27 18:37:42
End at: 2018-03-27 18:38:12
Local clock offset: 2.422 ms
Remote clock offset: -6.936 ms

Below is generated by plot.py at 2018-03-27 23:56:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.01 Mbit/s
95th percentile per-packet one-way delay: 74.279 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 60.62 Mbit/s
95th percentile per-packet one-way delay: 73.871 ms
Loss rate: 1.61%
-- Flow 2:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 48.270 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 26.56 Mbit/s
95th percentile per-packet one-way delay: 75.734 ms
Loss rate: 2.60%

Run 10: Report of Vivace-LTE — Data Link

