

Pantheon Report

Generated at 2018-02-01 06:48:58 (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).

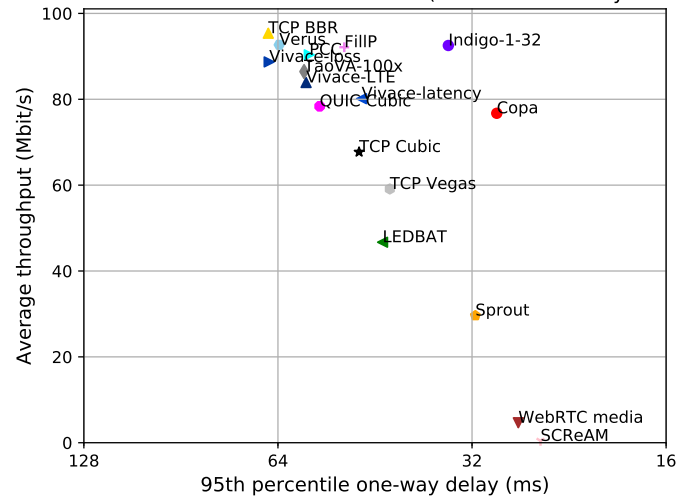
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

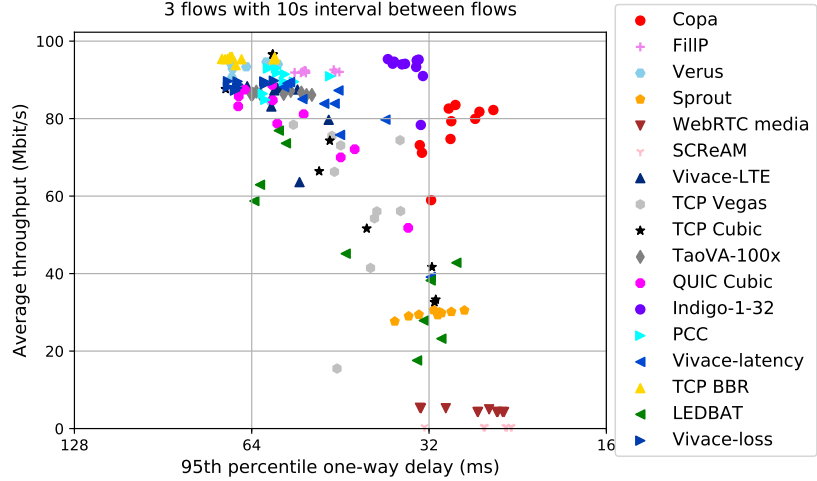
Git summary:

```
branch: master @ 70217998b3c9a7166a95460a70c0854d1326e100
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ fb9c9ab842e5614ad52911a76fb9bd1c1b0dca86
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from 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



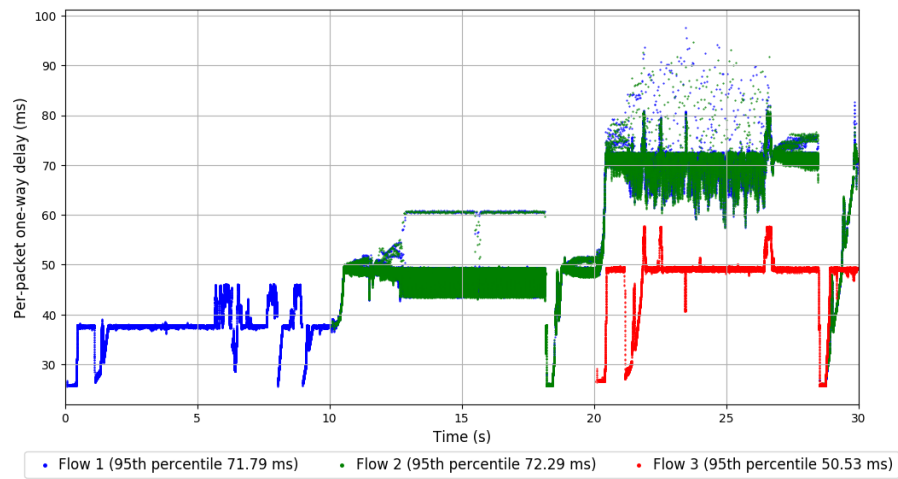
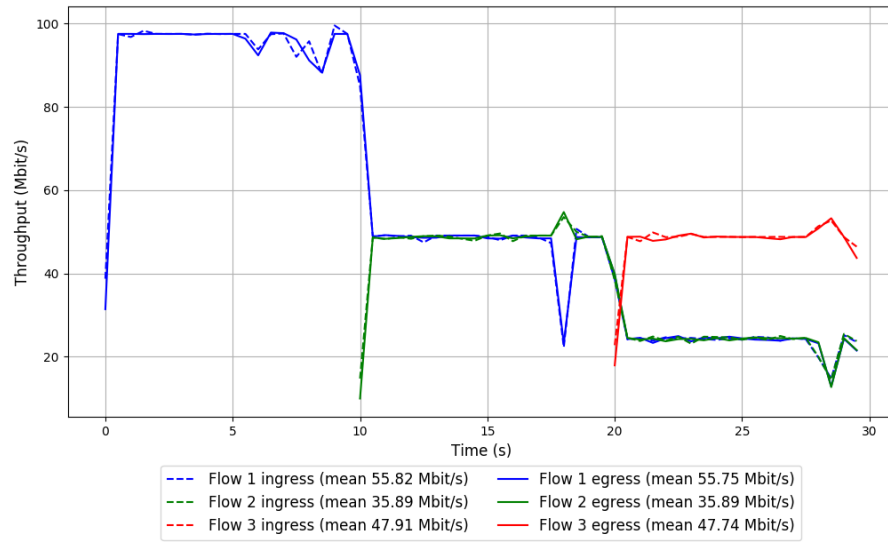
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	56.97	40.30	35.13	65.38	63.28	61.95	0.53	0.68	1.22
TCP Cubic	10	38.22	30.12	28.62	45.12	44.74	49.19	0.31	0.51	0.84
LEDBAT	10	26.85	21.21	17.42	43.55	43.77	37.87	0.35	0.58	0.82
PCC	10	57.12	39.48	21.28	55.55	52.77	61.83	0.62	0.69	1.39
QUIC Cubic	10	44.82	36.21	28.96	51.30	53.64	53.22	0.42	0.52	0.95
SCReAM	10	0.21	0.21	0.22	25.04	25.08	25.02	0.29	0.32	0.41
WebRTC media	10	2.47	1.56	0.64	27.06	27.12	27.08	0.35	0.52	0.96
Sprout	10	15.09	14.82	14.24	31.07	31.64	32.81	0.34	0.42	0.79
TaoVA-100x	10	50.37	38.66	31.32	52.49	58.83	58.46	0.45	0.69	1.12
TCP Vegas	10	29.23	28.70	32.72	38.52	41.01	44.50	0.43	0.51	0.66
Verus	10	57.14	37.53	32.06	60.22	62.55	61.41	0.53	0.77	1.29
Copa	10	44.26	36.00	25.73	29.08	29.61	30.24	0.34	0.42	0.92
FillP	10	56.67	39.40	27.99	47.21	47.40	51.25	0.43	0.72	1.40
Indigo-1-32	10	57.90	38.89	27.04	35.02	34.29	39.35	0.38	0.53	0.91
Vivace-latency	10	53.11	30.96	19.61	46.80	48.92	49.92	0.42	0.64	1.29
Vivace-loss	10	54.33	39.91	24.47	60.92	60.28	68.09	0.48	0.69	1.45
Vivace-LTE	10	53.10	37.21	18.51	55.17	53.68	59.89	0.47	0.64	1.19

Run 1: Statistics of TCP BBR

Start at: 2018-01-31 21:40:13
End at: 2018-01-31 21:40:43
Local clock offset: 1.244 ms
Remote clock offset: -3.605 ms

Below is generated by plot.py at 2018-02-01 06:23:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.40 Mbit/s
95th percentile per-packet one-way delay: 71.885 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 55.75 Mbit/s
95th percentile per-packet one-way delay: 71.787 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 35.89 Mbit/s
95th percentile per-packet one-way delay: 72.293 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 47.74 Mbit/s
95th percentile per-packet one-way delay: 50.530 ms
Loss rate: 1.00%

Run 1: Report of TCP BBR — Data Link

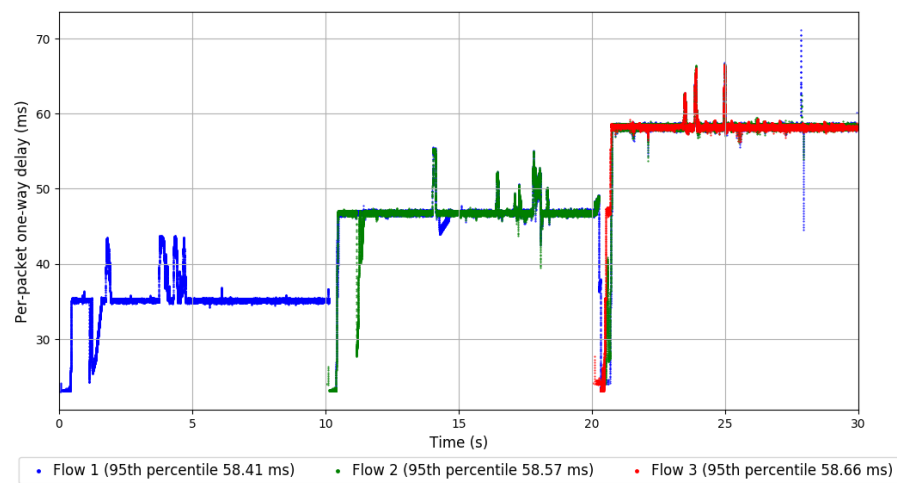
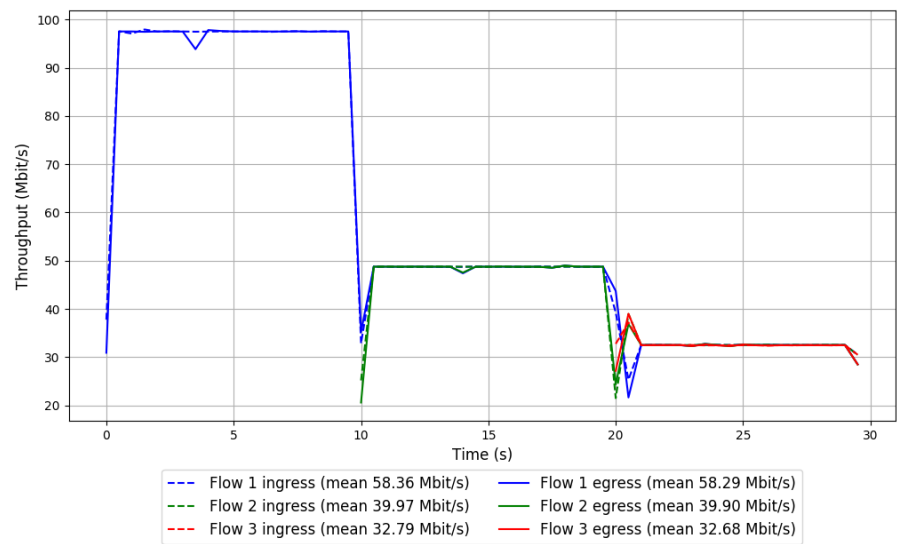


Run 2: Statistics of TCP BBR

Start at: 2018-01-31 22:04:47
End at: 2018-01-31 22:05:17
Local clock offset: 1.274 ms
Remote clock offset: -0.853 ms

Below is generated by plot.py at 2018-02-01 06:23:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 58.499 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 58.29 Mbit/s
95th percentile per-packet one-way delay: 58.407 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 39.90 Mbit/s
95th percentile per-packet one-way delay: 58.570 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 32.68 Mbit/s
95th percentile per-packet one-way delay: 58.661 ms
Loss rate: 0.89%

Run 2: Report of TCP BBR — Data Link

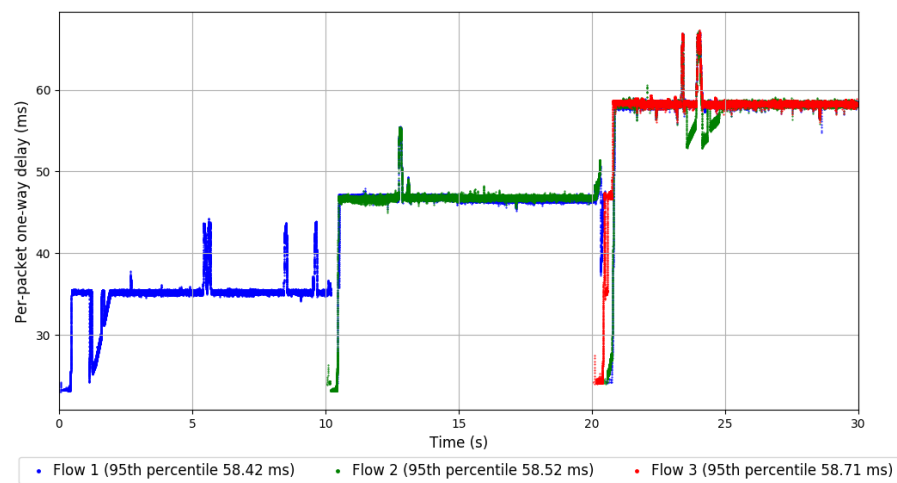
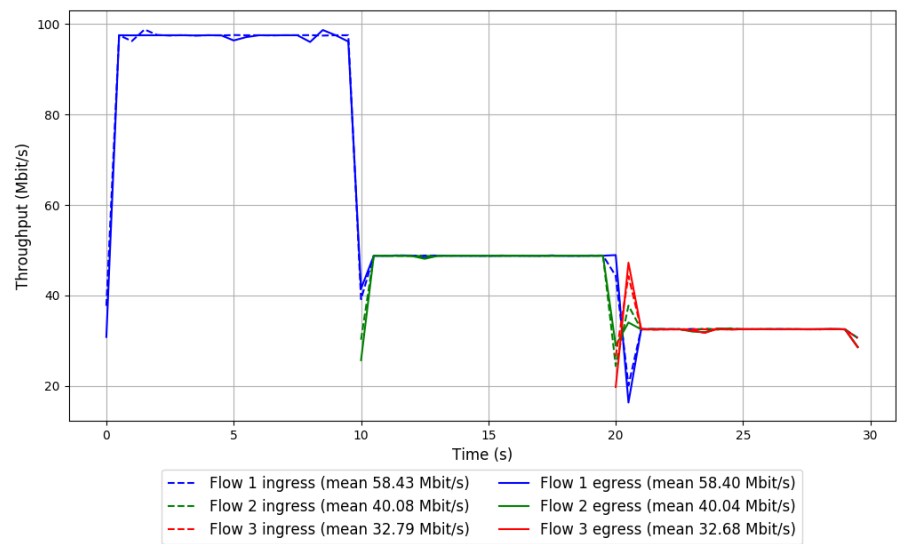


Run 3: Statistics of TCP BBR

Start at: 2018-01-31 22:29:37
End at: 2018-01-31 22:30:07
Local clock offset: 1.511 ms
Remote clock offset: -0.685 ms

Below is generated by plot.py at 2018-02-01 06:23:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 58.512 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 58.419 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 58.516 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 32.68 Mbit/s
95th percentile per-packet one-way delay: 58.708 ms
Loss rate: 1.03%

Run 3: Report of TCP BBR — Data Link

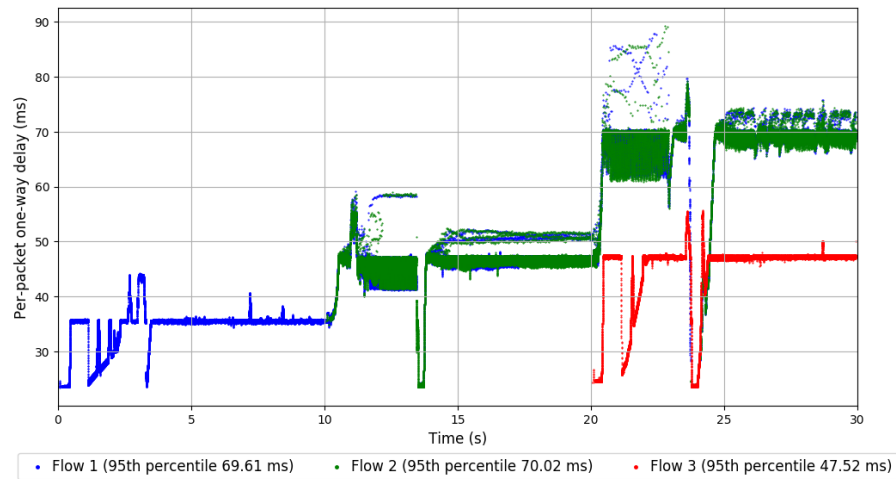
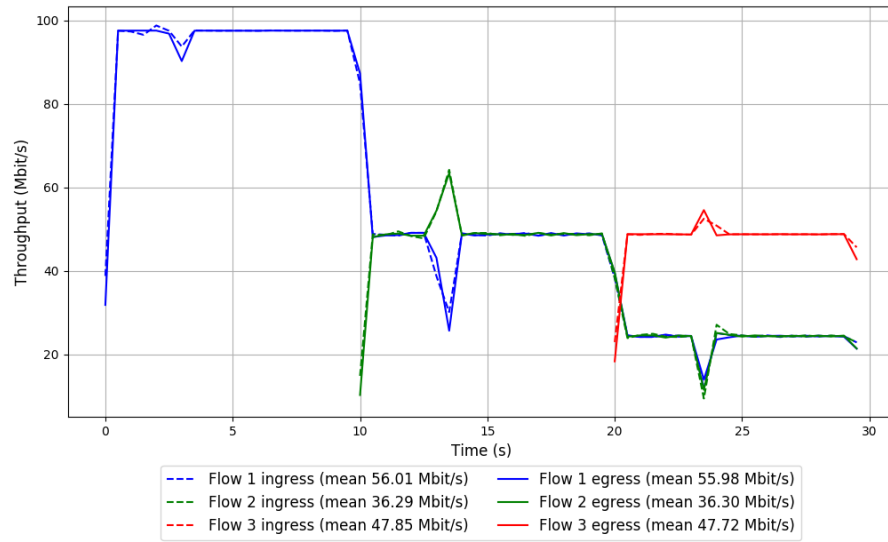


Run 4: Statistics of TCP BBR

Start at: 2018-01-31 22:54:28
End at: 2018-01-31 22:54:58
Local clock offset: 1.518 ms
Remote clock offset: -0.843 ms

Below is generated by plot.py at 2018-02-01 06:23:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 69.672 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 69.613 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 70.024 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 47.525 ms
Loss rate: 0.81%

Run 4: Report of TCP BBR — Data Link

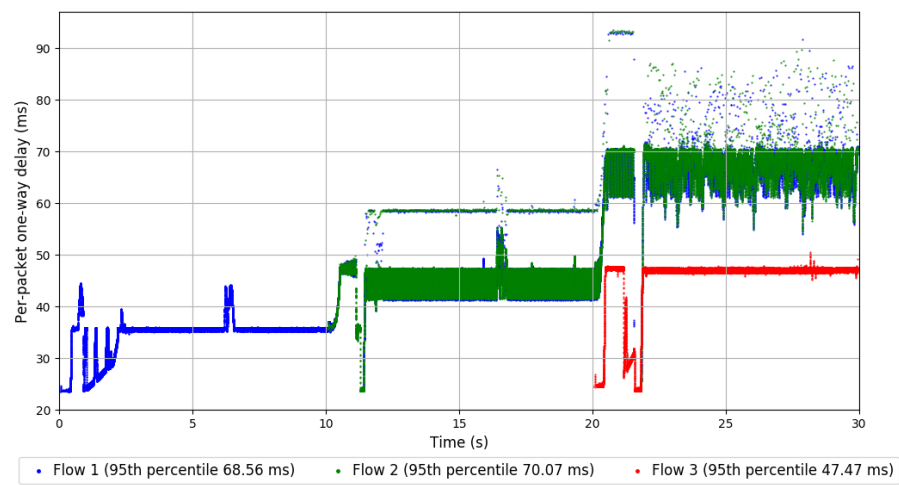
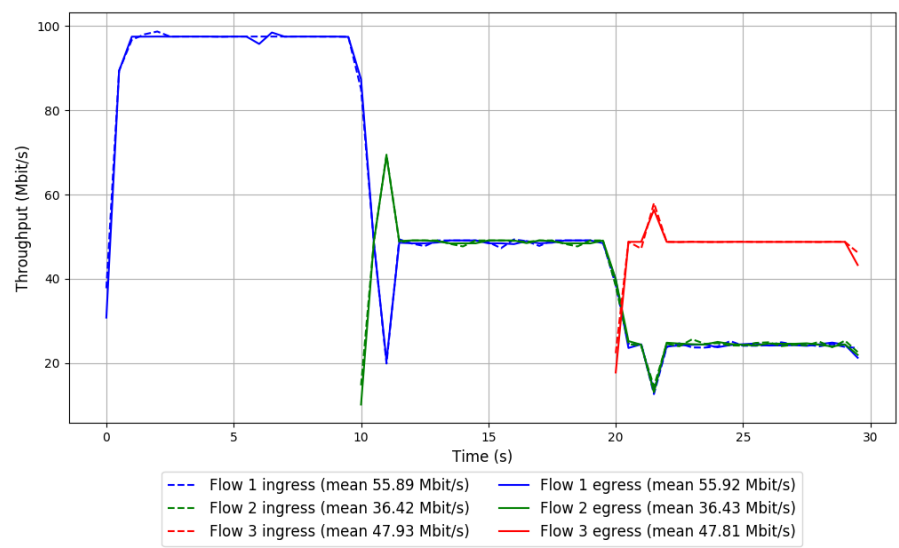


Run 5: Statistics of TCP BBR

Start at: 2018-01-31 23:19:07
End at: 2018-01-31 23:19:37
Local clock offset: 1.6 ms
Remote clock offset: -0.549 ms

Below is generated by plot.py at 2018-02-01 06:23:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 69.167 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 68.558 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 36.43 Mbit/s
95th percentile per-packet one-way delay: 70.068 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 47.474 ms
Loss rate: 0.79%

Run 5: Report of TCP BBR — Data Link

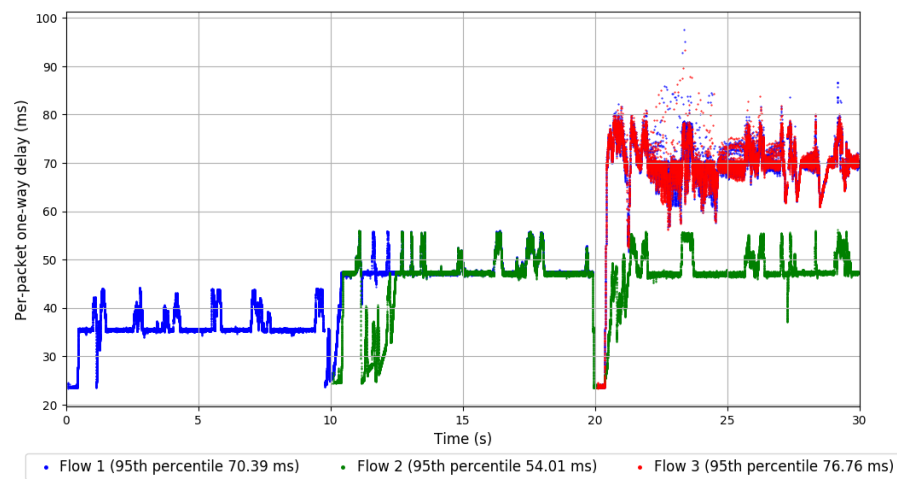
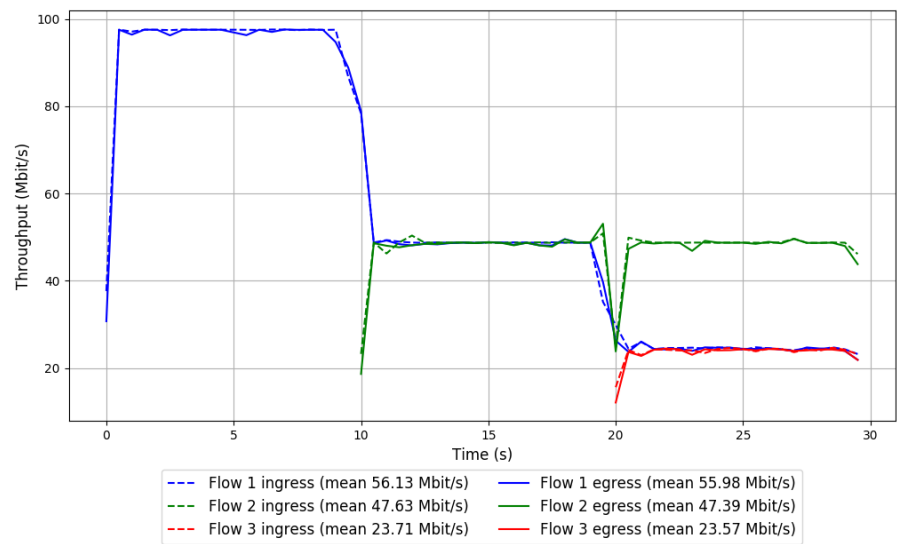


Run 6: Statistics of TCP BBR

Start at: 2018-01-31 23:43:55
End at: 2018-01-31 23:44:25
Local clock offset: 1.498 ms
Remote clock offset: -0.517 ms

Below is generated by plot.py at 2018-02-01 06:23:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.31 Mbit/s
95th percentile per-packet one-way delay: 71.004 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 70.392 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 47.39 Mbit/s
95th percentile per-packet one-way delay: 54.008 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 23.57 Mbit/s
95th percentile per-packet one-way delay: 76.760 ms
Loss rate: 1.35%

Run 6: Report of TCP BBR — Data Link

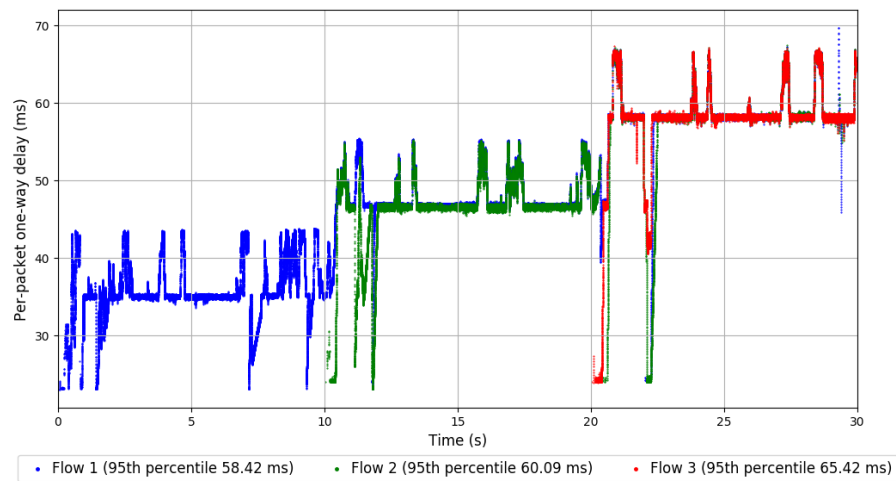
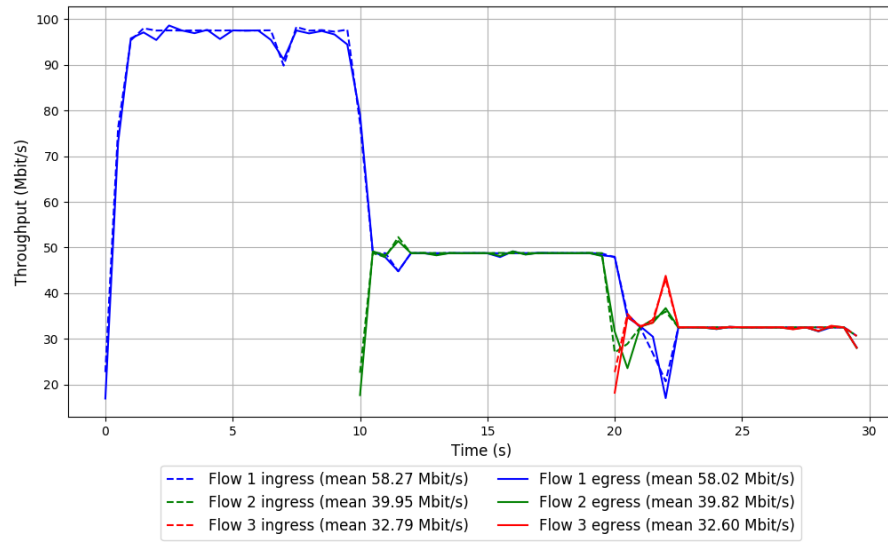


Run 7: Statistics of TCP BBR

Start at: 2018-02-01 00:08:51
End at: 2018-02-01 00:09:21
Local clock offset: 1.535 ms
Remote clock offset: -0.155 ms

Below is generated by plot.py at 2018-02-01 06:23:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 58.694 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 58.02 Mbit/s
95th percentile per-packet one-way delay: 58.416 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 39.82 Mbit/s
95th percentile per-packet one-way delay: 60.093 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 32.60 Mbit/s
95th percentile per-packet one-way delay: 65.423 ms
Loss rate: 1.30%

Run 7: Report of TCP BBR — Data Link

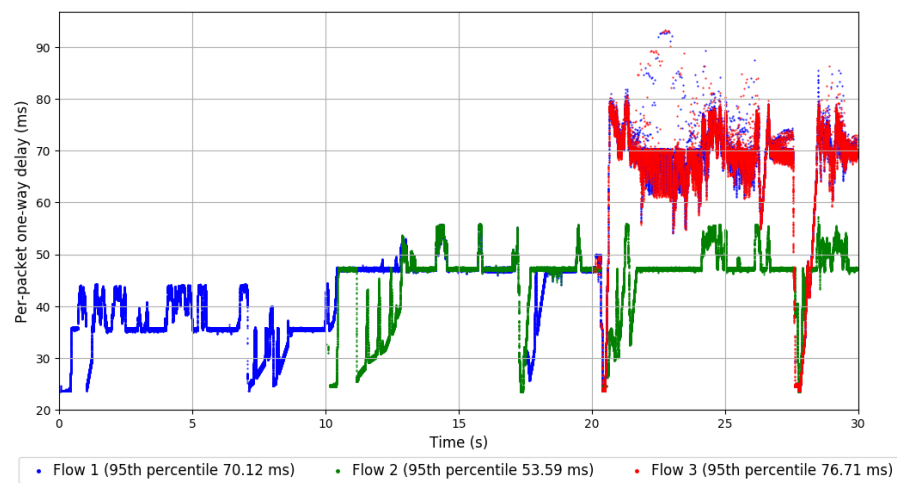
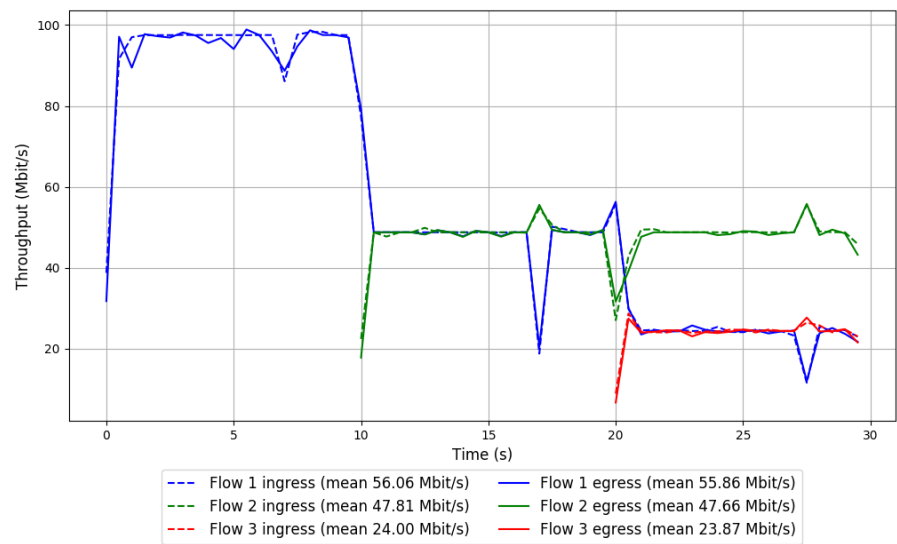


Run 8: Statistics of TCP BBR

Start at: 2018-02-01 00:34:01
End at: 2018-02-01 00:34:31
Local clock offset: 1.514 ms
Remote clock offset: -0.862 ms

Below is generated by plot.py at 2018-02-01 06:23:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 70.315 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 70.120 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 53.594 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 76.707 ms
Loss rate: 1.31%

Run 8: Report of TCP BBR — Data Link

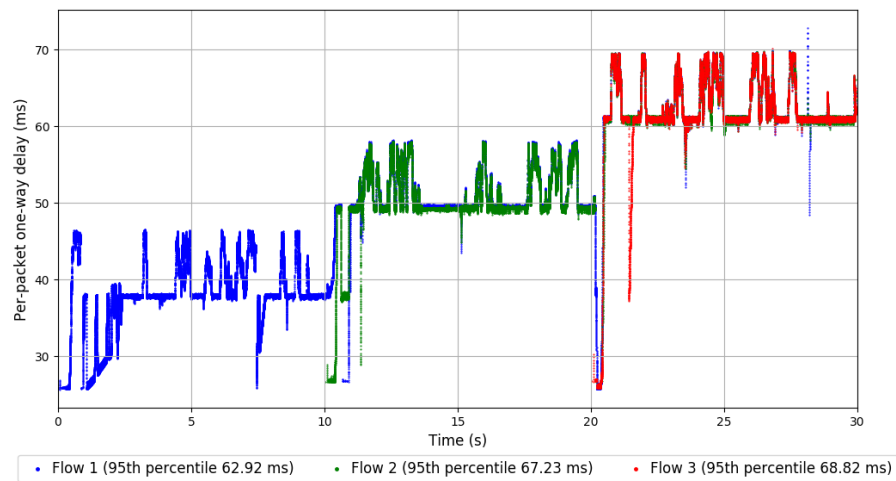
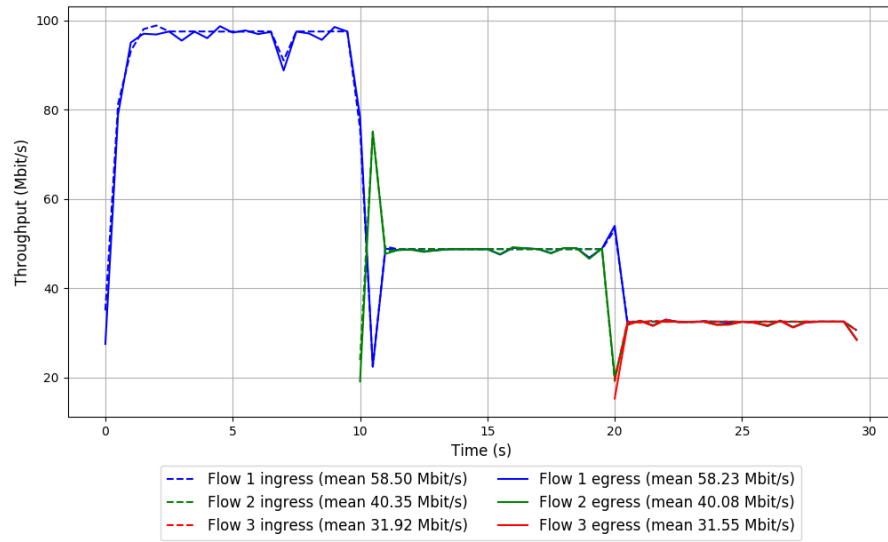


Run 9: Statistics of TCP BBR

Start at: 2018-02-01 00:58:58
End at: 2018-02-01 00:59:28
Local clock offset: 1.535 ms
Remote clock offset: -3.143 ms

Below is generated by plot.py at 2018-02-01 06:25:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.33 Mbit/s
95th percentile per-packet one-way delay: 66.604 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 62.922 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 40.08 Mbit/s
95th percentile per-packet one-way delay: 67.234 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 68.816 ms
Loss rate: 1.70%

Run 9: Report of TCP BBR — Data Link

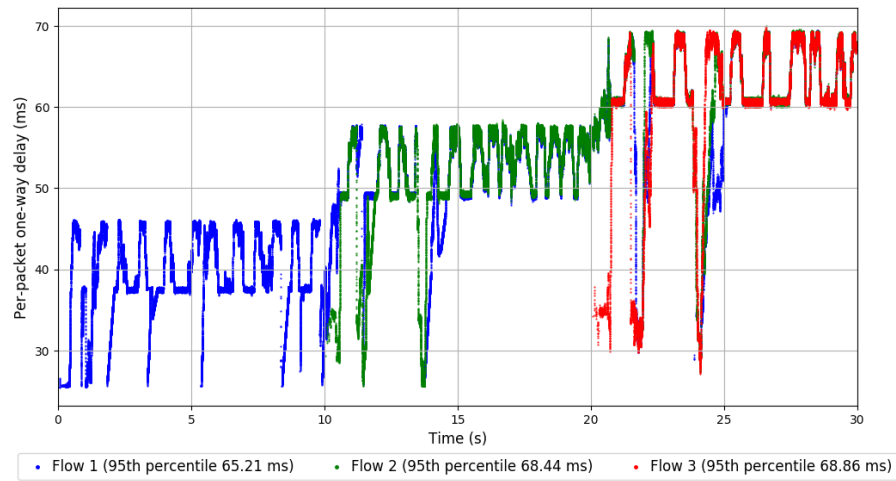
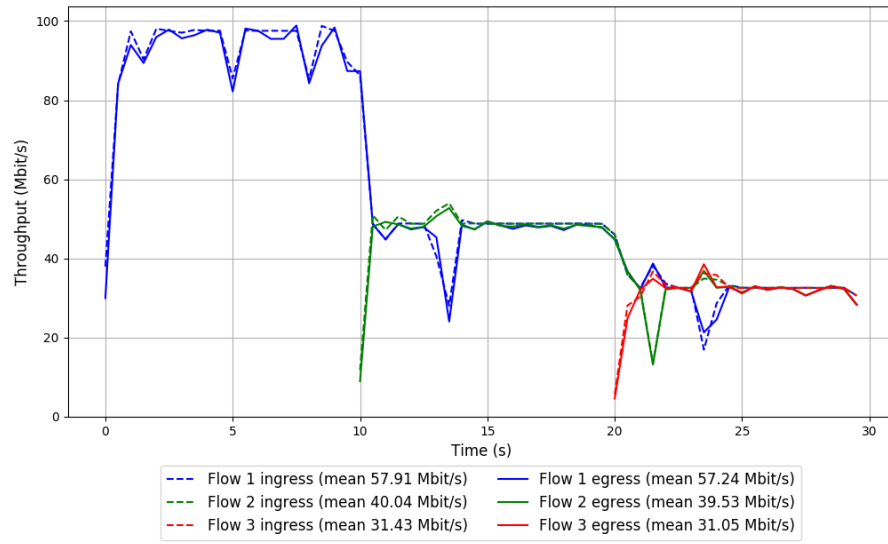


Run 10: Statistics of TCP BBR

Start at: 2018-02-01 01:25:36
End at: 2018-02-01 01:26:06
Local clock offset: 1.45 ms
Remote clock offset: -3.038 ms

Below is generated by plot.py at 2018-02-01 06:25:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 68.144 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 57.24 Mbit/s
95th percentile per-packet one-way delay: 65.207 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 68.445 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 31.05 Mbit/s
95th percentile per-packet one-way delay: 68.859 ms
Loss rate: 2.02%

Run 10: Report of TCP BBR — Data Link

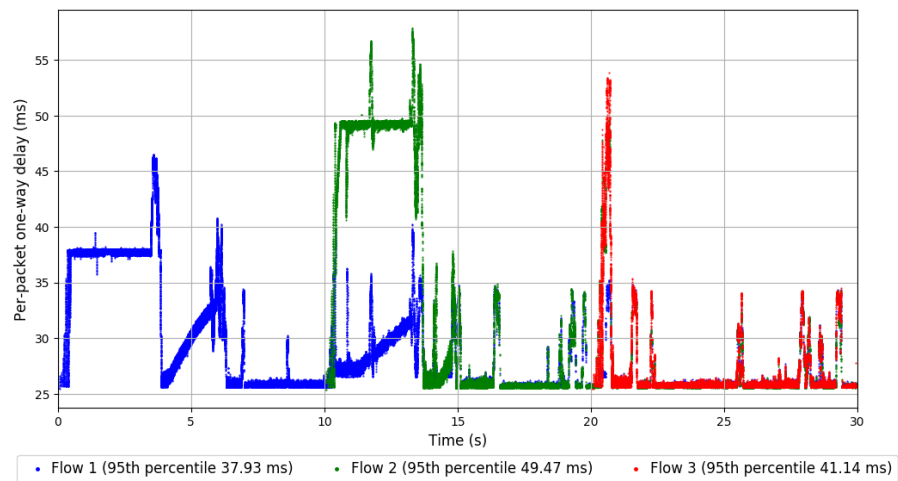
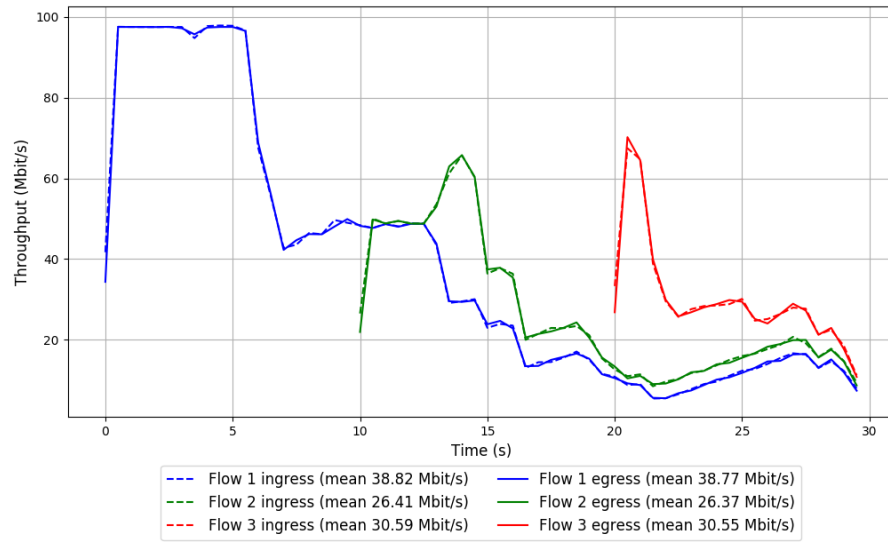


Run 1: Statistics of TCP Cubic

Start at: 2018-01-31 21:52:26
End at: 2018-01-31 21:52:56
Local clock offset: 1.364 ms
Remote clock offset: -3.343 ms

Below is generated by plot.py at 2018-02-01 06:25:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.42 Mbit/s
95th percentile per-packet one-way delay: 49.170 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 37.928 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 26.37 Mbit/s
95th percentile per-packet one-way delay: 49.473 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 41.143 ms
Loss rate: 0.62%

Run 1: Report of TCP Cubic — Data Link

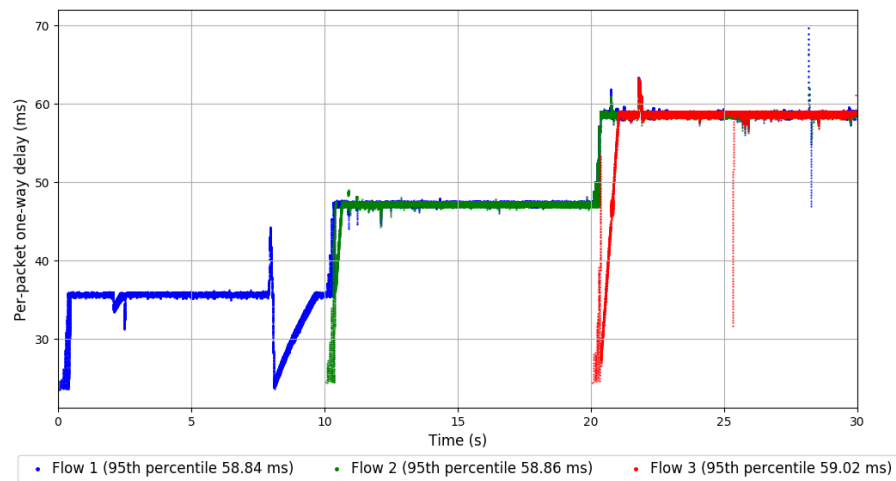
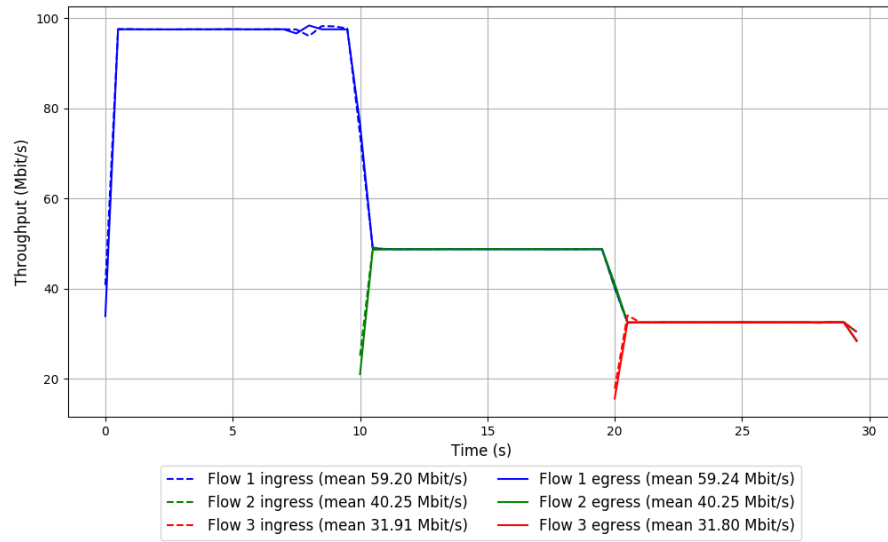


Run 2: Statistics of TCP Cubic

Start at: 2018-01-31 22:17:00
End at: 2018-01-31 22:17:30
Local clock offset: 1.394 ms
Remote clock offset: -1.191 ms

Below is generated by plot.py at 2018-02-01 06:25:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 58.895 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 59.24 Mbit/s
95th percentile per-packet one-way delay: 58.840 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.25 Mbit/s
95th percentile per-packet one-way delay: 58.862 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 59.025 ms
Loss rate: 0.91%

Run 2: Report of TCP Cubic — Data Link

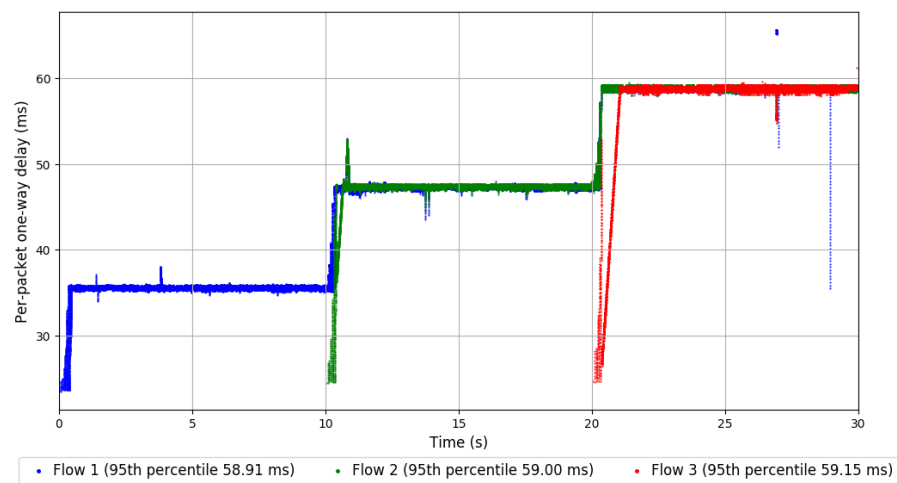
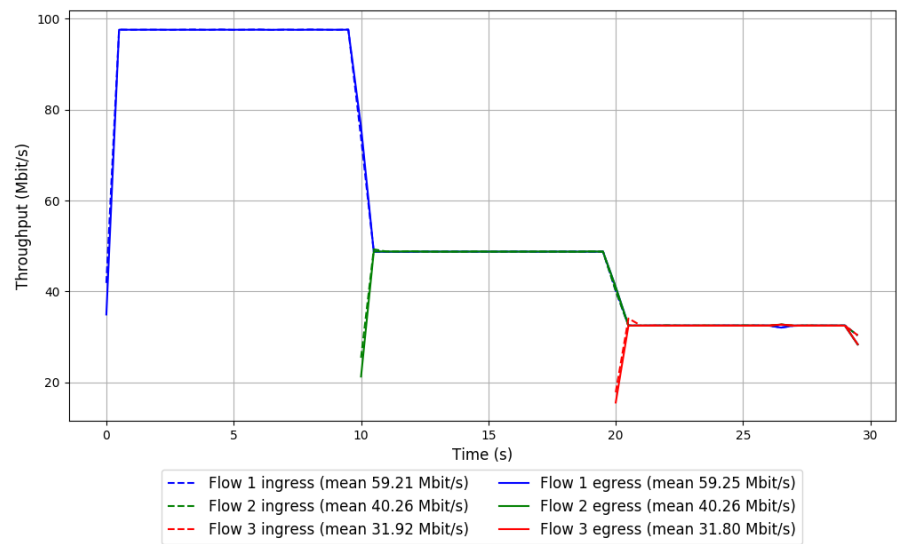


Run 3: Statistics of TCP Cubic

Start at: 2018-01-31 22:42:04
End at: 2018-01-31 22:42:34
Local clock offset: 1.564 ms
Remote clock offset: -1.014 ms

Below is generated by plot.py at 2018-02-01 06:25:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 58.992 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 58.915 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.26 Mbit/s
95th percentile per-packet one-way delay: 58.997 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 59.150 ms
Loss rate: 0.91%

Run 3: Report of TCP Cubic — Data Link

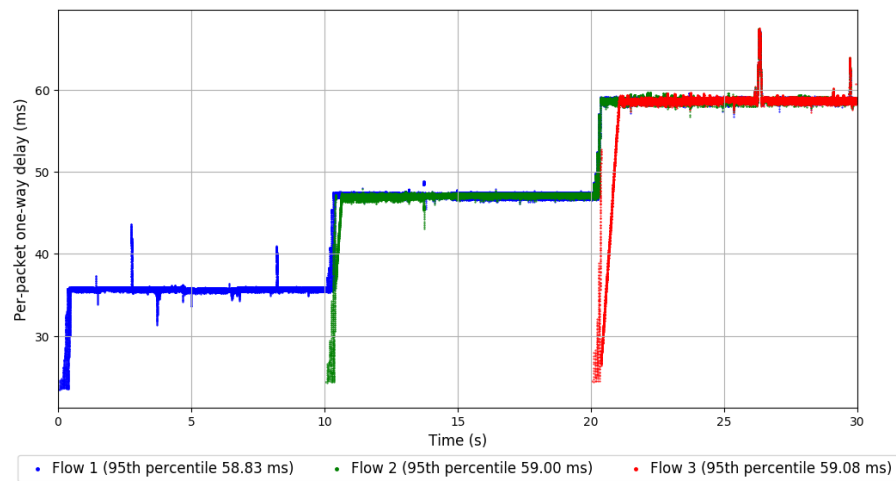
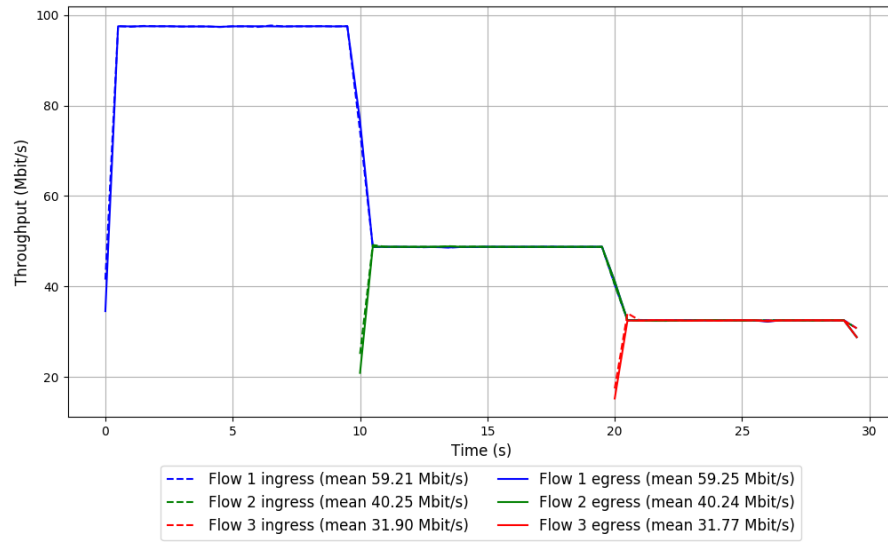


Run 4: Statistics of TCP Cubic

Start at: 2018-01-31 23:06:43
End at: 2018-01-31 23:07:13
Local clock offset: 1.572 ms
Remote clock offset: -0.589 ms

Below is generated by plot.py at 2018-02-01 06:25:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 58.958 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 58.831 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 40.24 Mbit/s
95th percentile per-packet one-way delay: 59.003 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 59.083 ms
Loss rate: 0.94%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-01-31 23:31:18

End at: 2018-01-31 23:31:48

Local clock offset: 1.5 ms

Remote clock offset: -2.38 ms

Below is generated by plot.py at 2018-02-01 06:25:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.64 Mbit/s

95th percentile per-packet one-way delay: 70.874 ms

Loss rate: 0.42%

-- Flow 1:

Average throughput: 51.78 Mbit/s

95th percentile per-packet one-way delay: 70.052 ms

Loss rate: 0.28%

-- Flow 2:

Average throughput: 40.34 Mbit/s

95th percentile per-packet one-way delay: 49.277 ms

Loss rate: 0.48%

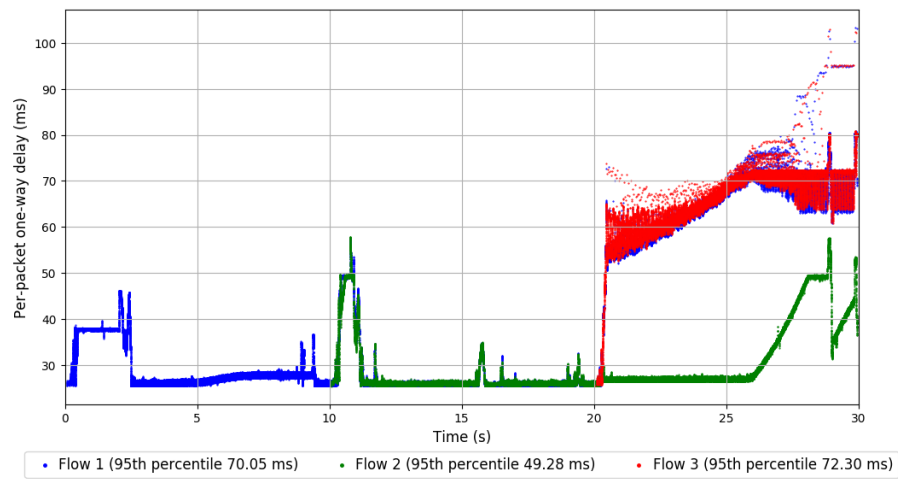
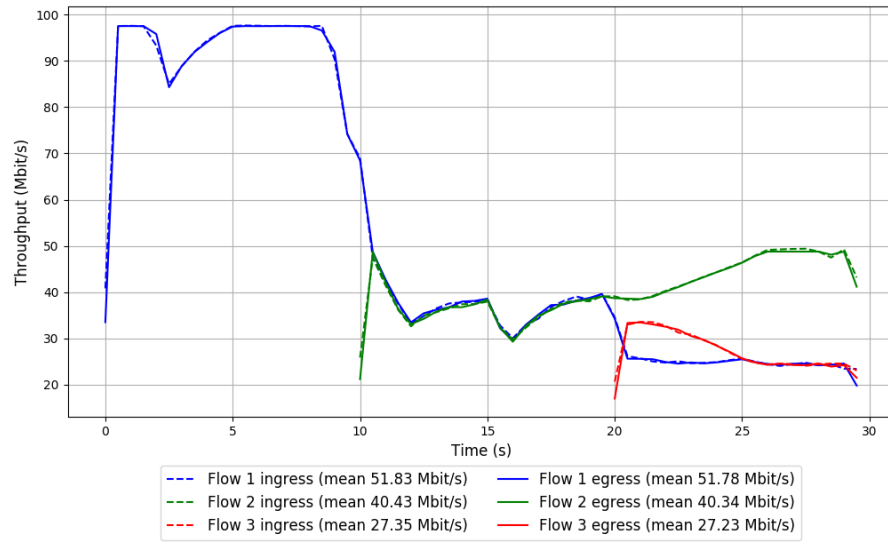
-- Flow 3:

Average throughput: 27.23 Mbit/s

95th percentile per-packet one-way delay: 72.298 ms

Loss rate: 1.09%

Run 5: Report of TCP Cubic — Data Link

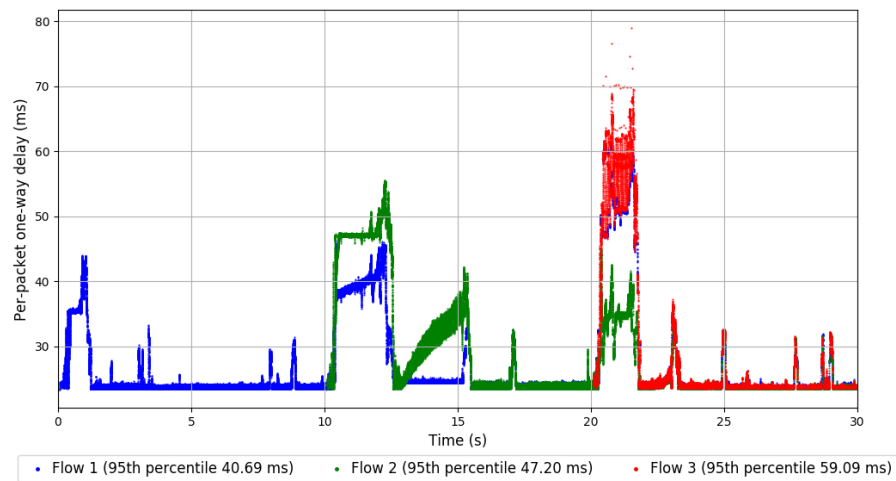
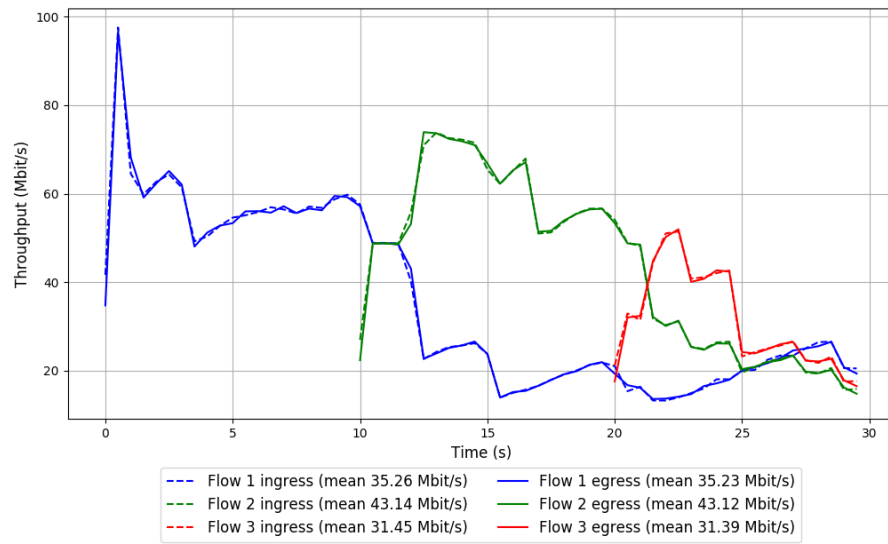


Run 6: Statistics of TCP Cubic

Start at: 2018-01-31 23:56:26
End at: 2018-01-31 23:56:56
Local clock offset: 1.495 ms
Remote clock offset: -0.549 ms

Below is generated by plot.py at 2018-02-01 06:25:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.31 Mbit/s
95th percentile per-packet one-way delay: 47.169 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 35.23 Mbit/s
95th percentile per-packet one-way delay: 40.688 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 43.12 Mbit/s
95th percentile per-packet one-way delay: 47.196 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 59.093 ms
Loss rate: 0.74%

Run 6: Report of TCP Cubic — Data Link

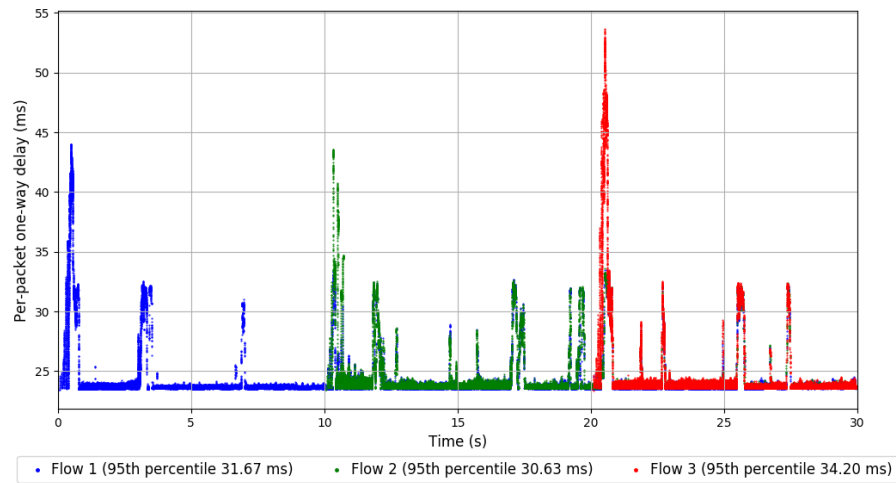
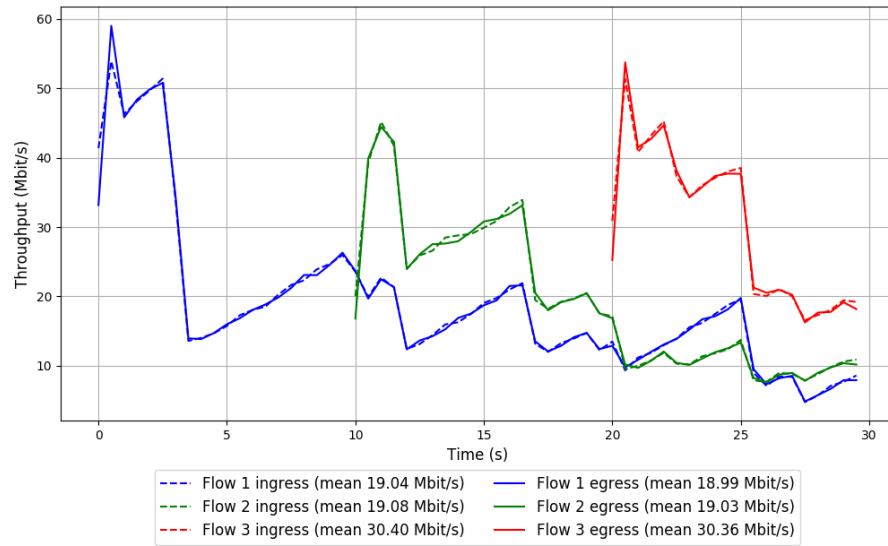


Run 7: Statistics of TCP Cubic

Start at: 2018-02-01 00:21:21
End at: 2018-02-01 00:21:51
Local clock offset: 1.429 ms
Remote clock offset: -0.857 ms

Below is generated by plot.py at 2018-02-01 06:25:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 31.638 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 18.99 Mbit/s
95th percentile per-packet one-way delay: 31.673 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 19.03 Mbit/s
95th percentile per-packet one-way delay: 30.634 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 34.202 ms
Loss rate: 0.67%

Run 7: Report of TCP Cubic — Data Link

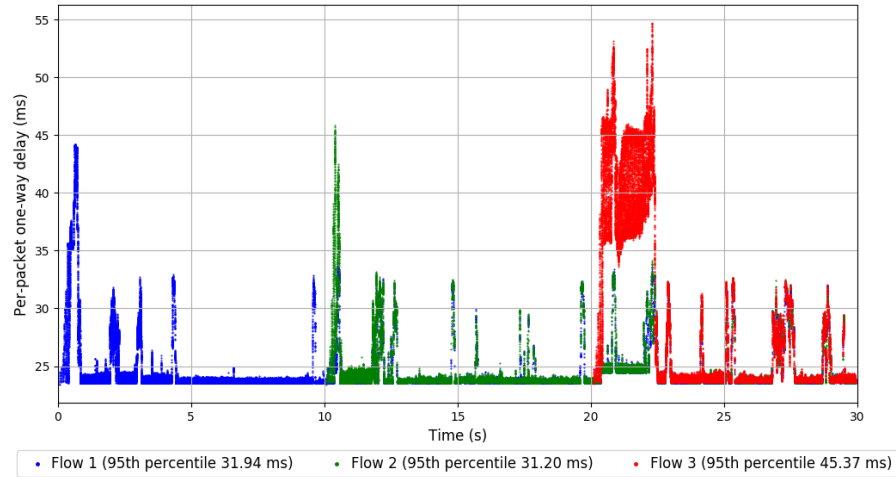
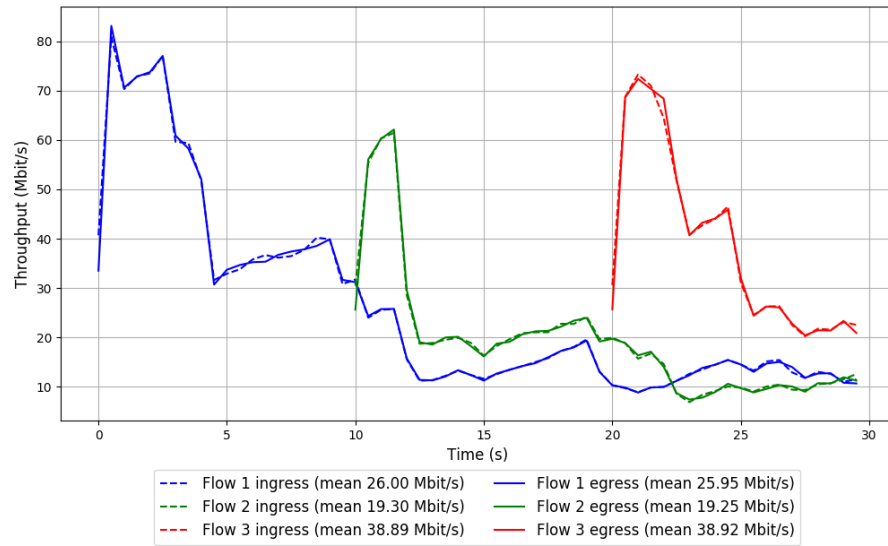


Run 8: Statistics of TCP Cubic

Start at: 2018-02-01 00:46:22
End at: 2018-02-01 00:46:52
Local clock offset: 1.467 ms
Remote clock offset: -1.012 ms

Below is generated by plot.py at 2018-02-01 06:25:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.63 Mbit/s
95th percentile per-packet one-way delay: 40.828 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 25.95 Mbit/s
95th percentile per-packet one-way delay: 31.937 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 19.25 Mbit/s
95th percentile per-packet one-way delay: 31.200 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 38.92 Mbit/s
95th percentile per-packet one-way delay: 45.371 ms
Loss rate: 0.46%

Run 8: Report of TCP Cubic — Data Link

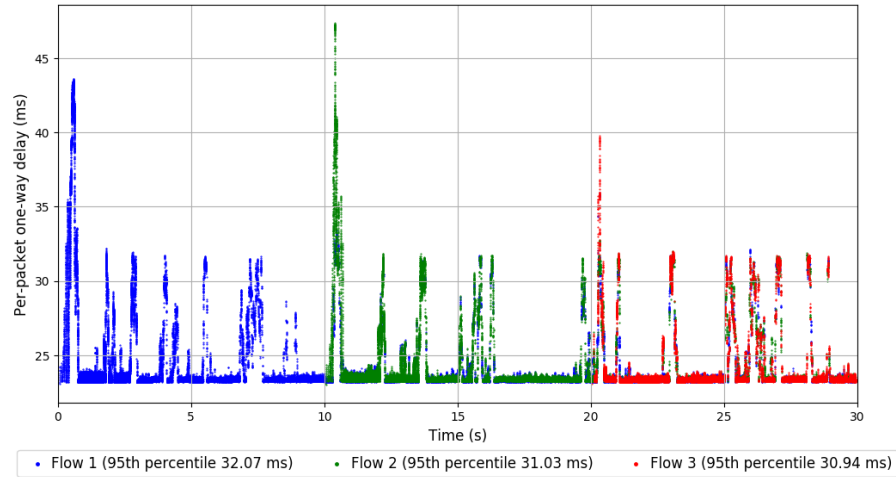
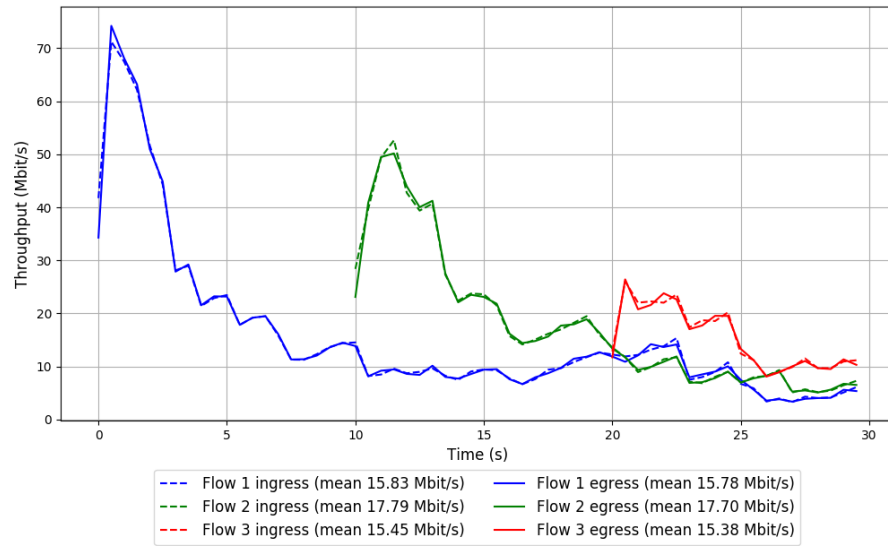


Run 9: Statistics of TCP Cubic

Start at: 2018-02-01 01:11:58
End at: 2018-02-01 01:12:28
Local clock offset: 1.557 ms
Remote clock offset: -0.556 ms

Below is generated by plot.py at 2018-02-01 06:25:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.63 Mbit/s
95th percentile per-packet one-way delay: 31.330 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 15.78 Mbit/s
95th percentile per-packet one-way delay: 32.072 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 31.034 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 15.38 Mbit/s
95th percentile per-packet one-way delay: 30.944 ms
Loss rate: 0.99%

Run 9: Report of TCP Cubic — Data Link

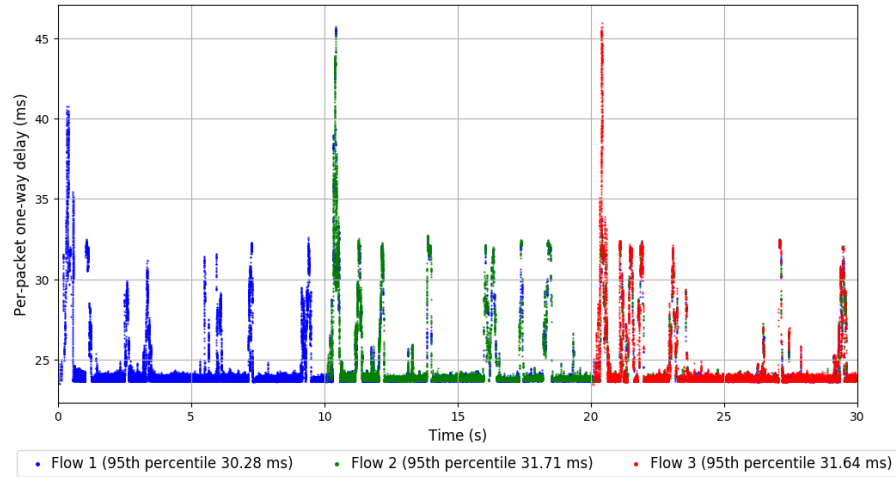
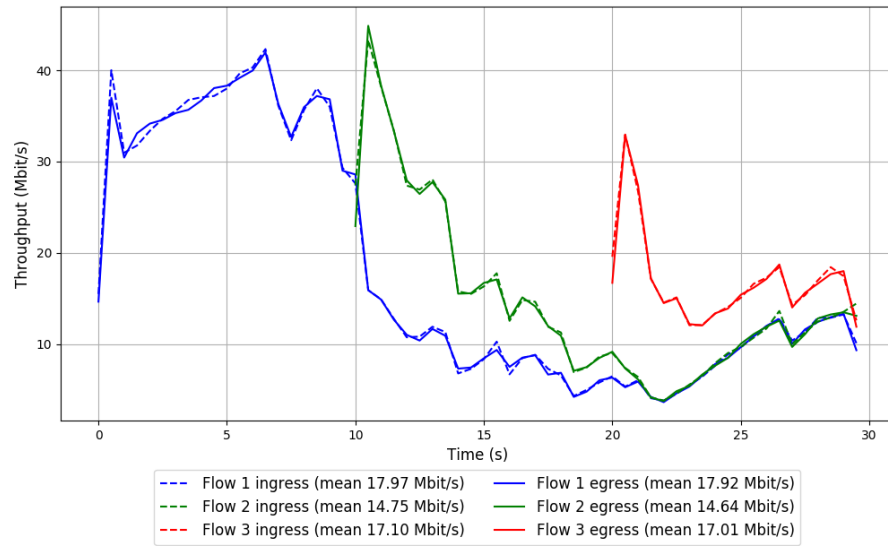


Run 10: Statistics of TCP Cubic

Start at: 2018-02-01 01:39:06
End at: 2018-02-01 01:39:36
Local clock offset: 1.472 ms
Remote clock offset: -1.275 ms

Below is generated by plot.py at 2018-02-01 06:25:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 31.172 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 17.92 Mbit/s
95th percentile per-packet one-way delay: 30.283 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 14.64 Mbit/s
95th percentile per-packet one-way delay: 31.710 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 17.01 Mbit/s
95th percentile per-packet one-way delay: 31.640 ms
Loss rate: 1.07%

Run 10: Report of TCP Cubic — Data Link

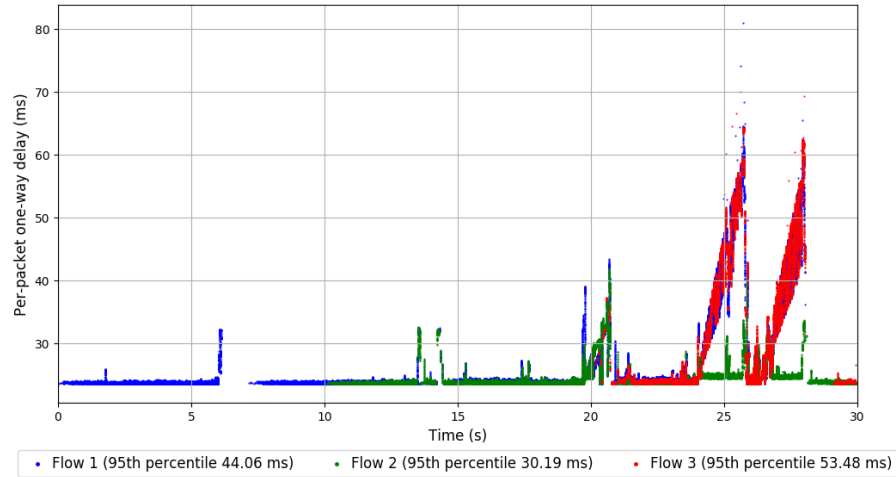
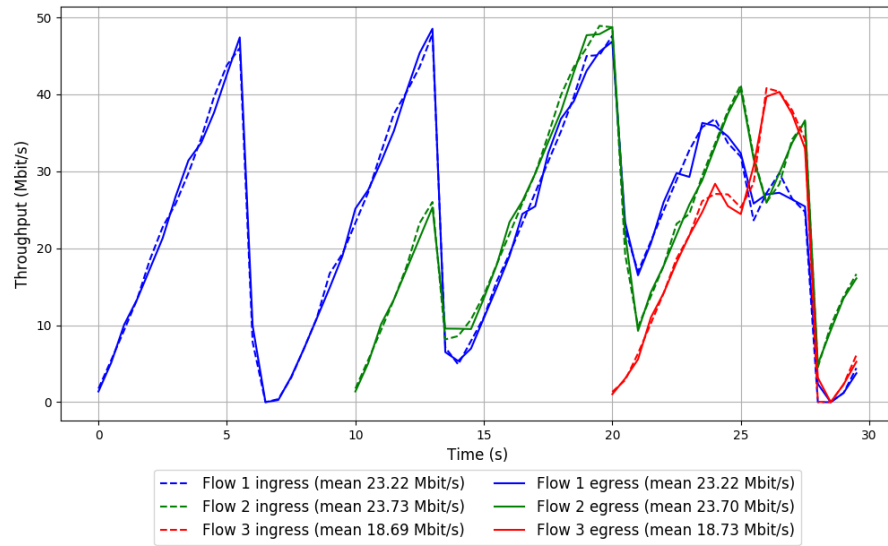


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-31 21:49:45
End at: 2018-01-31 21:50:15
Local clock offset: 1.293 ms
Remote clock offset: -1.442 ms

# Below is generated by plot.py at 2018-02-01 06:25:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 45.14 Mbit/s
95th percentile per-packet one-way delay: 44.332 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 23.22 Mbit/s
95th percentile per-packet one-way delay: 44.058 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 23.70 Mbit/s
95th percentile per-packet one-way delay: 30.189 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 53.482 ms
Loss rate: 0.37%
```


Run 1: Report of LEDBAT — Data Link

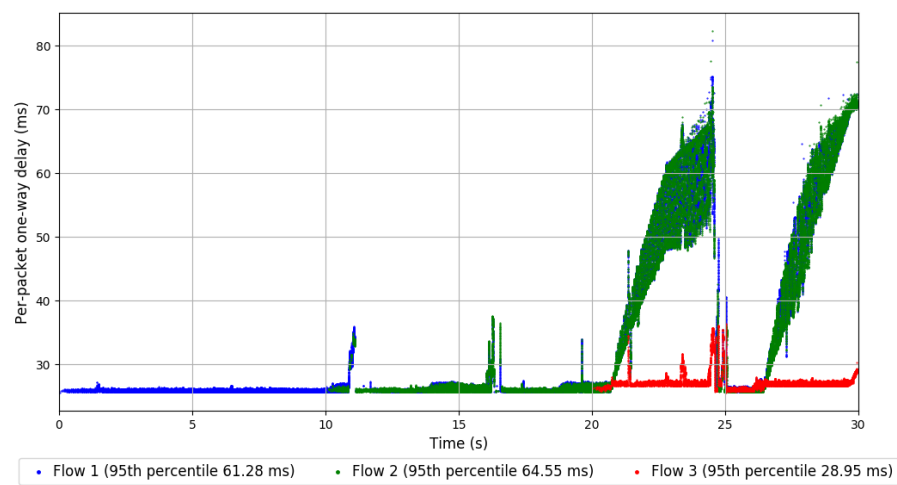
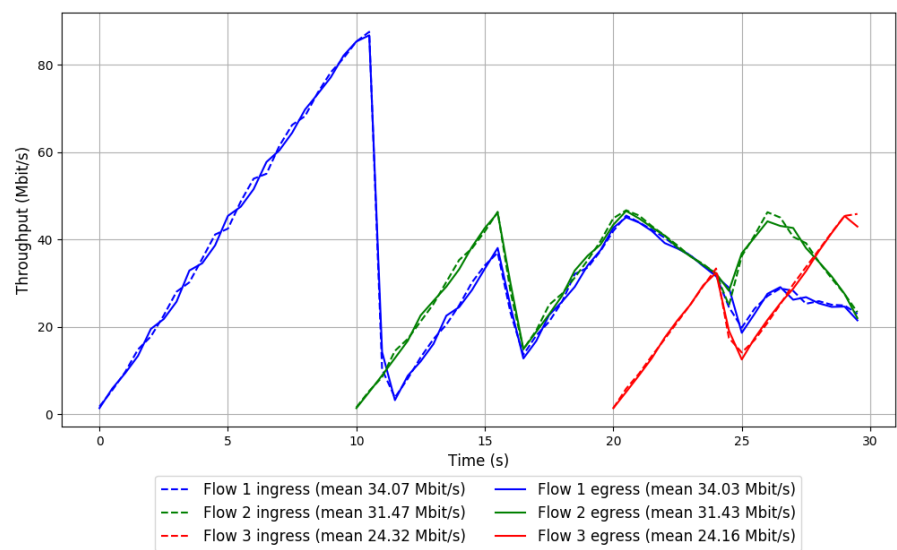


Run 2: Statistics of LEDBAT

Start at: 2018-01-31 22:14:17
End at: 2018-01-31 22:14:47
Local clock offset: 1.379 ms
Remote clock offset: -3.384 ms

Below is generated by plot.py at 2018-02-01 06:26:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.93 Mbit/s
95th percentile per-packet one-way delay: 61.965 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 34.03 Mbit/s
95th percentile per-packet one-way delay: 61.281 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 64.552 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 28.949 ms
Loss rate: 1.17%

Run 2: Report of LEDBAT — Data Link

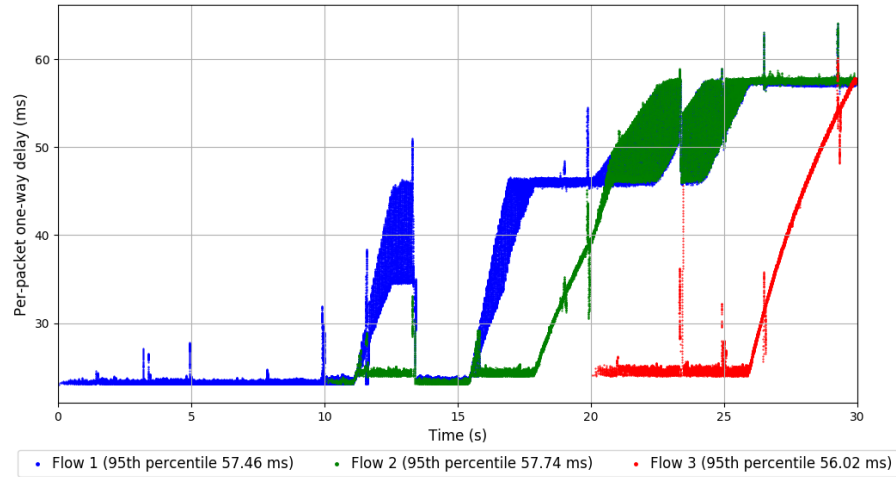
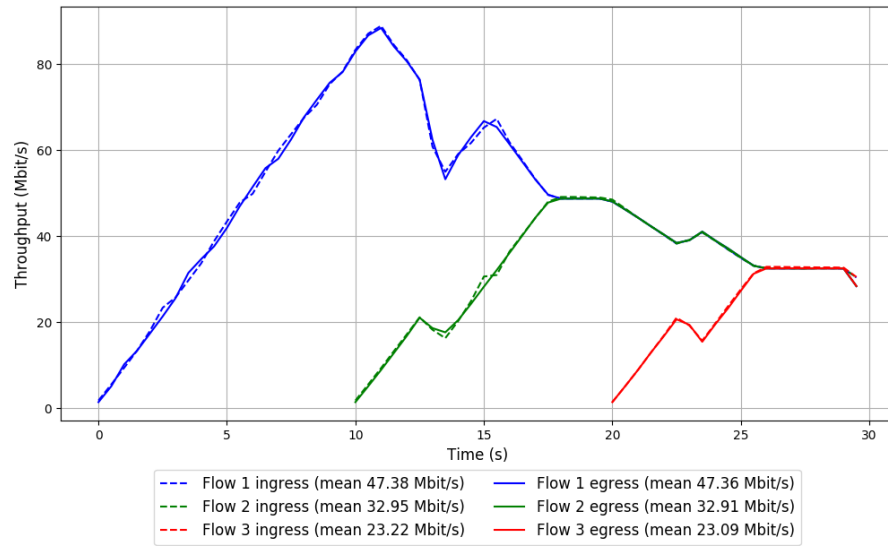


Run 3: Statistics of LEDBAT

Start at: 2018-01-31 22:39:21
End at: 2018-01-31 22:39:51
Local clock offset: 1.57 ms
Remote clock offset: -0.458 ms

Below is generated by plot.py at 2018-02-01 06:26:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.90 Mbit/s
95th percentile per-packet one-way delay: 57.581 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 47.36 Mbit/s
95th percentile per-packet one-way delay: 57.460 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 32.91 Mbit/s
95th percentile per-packet one-way delay: 57.744 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 23.09 Mbit/s
95th percentile per-packet one-way delay: 56.022 ms
Loss rate: 1.25%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-01-31 23:03:59

End at: 2018-01-31 23:04:29

Local clock offset: 1.593 ms

Remote clock offset: -0.62 ms

Below is generated by plot.py at 2018-02-01 06:26:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.62 Mbit/s

95th percentile per-packet one-way delay: 56.000 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 46.41 Mbit/s

95th percentile per-packet one-way delay: 55.247 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 31.80 Mbit/s

95th percentile per-packet one-way delay: 57.239 ms

Loss rate: 0.18%

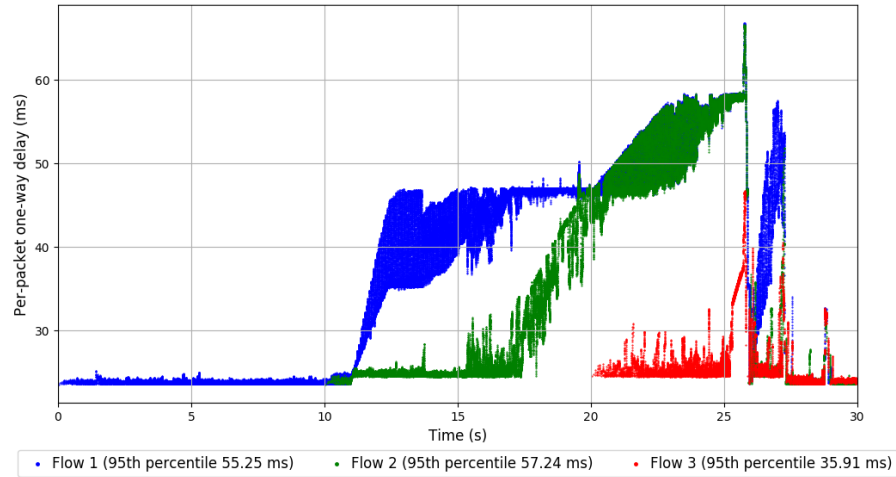
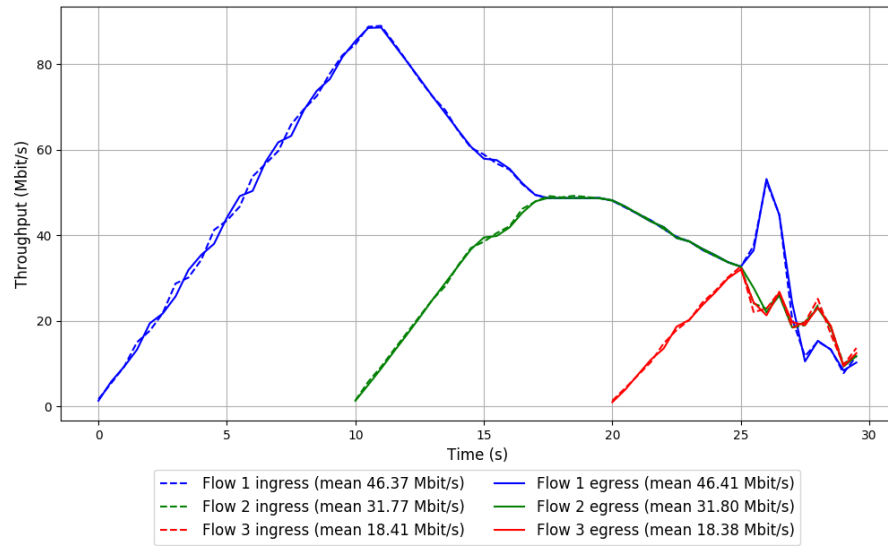
-- Flow 3:

Average throughput: 18.38 Mbit/s

95th percentile per-packet one-way delay: 35.913 ms

Loss rate: 0.70%

Run 4: Report of LEDBAT — Data Link

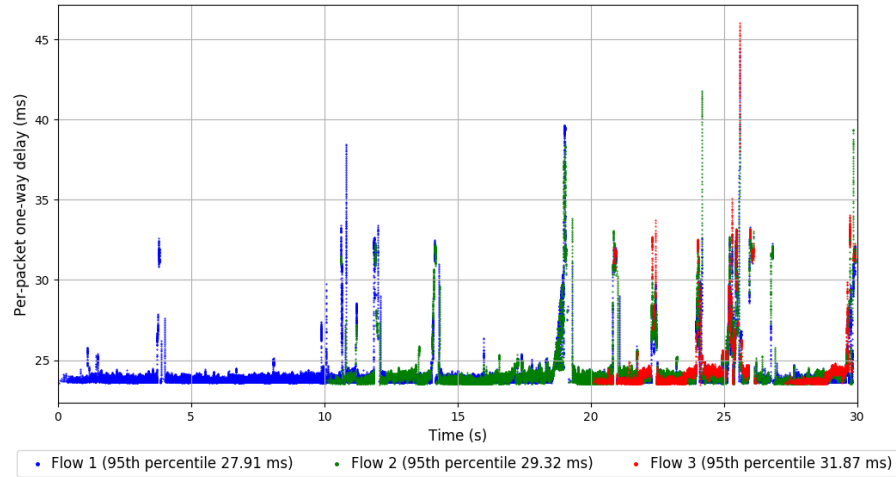
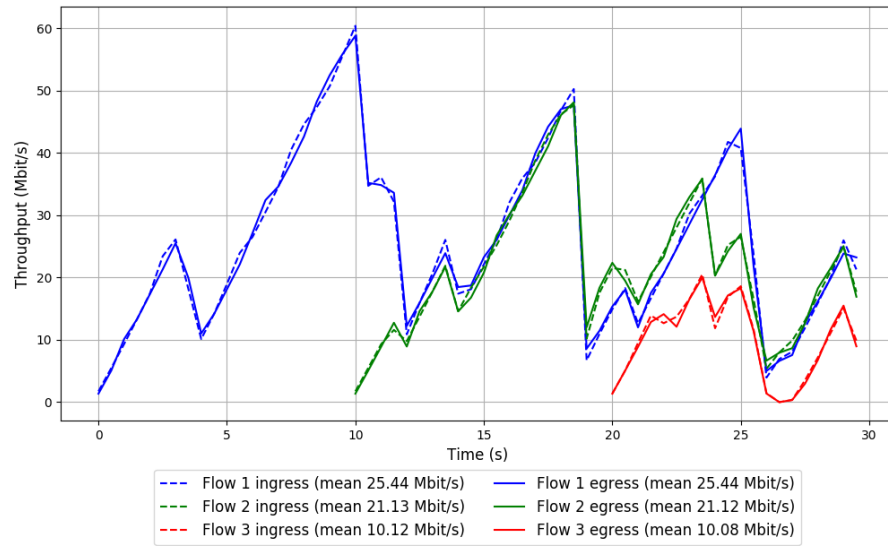


Run 5: Statistics of LEDBAT

Start at: 2018-01-31 23:28:37
End at: 2018-01-31 23:29:07
Local clock offset: 1.596 ms
Remote clock offset: -0.325 ms

Below is generated by plot.py at 2018-02-01 06:26:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.80 Mbit/s
95th percentile per-packet one-way delay: 28.759 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 27.912 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 21.12 Mbit/s
95th percentile per-packet one-way delay: 29.317 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 10.08 Mbit/s
95th percentile per-packet one-way delay: 31.869 ms
Loss rate: 0.92%

Run 5: Report of LEDBAT — Data Link

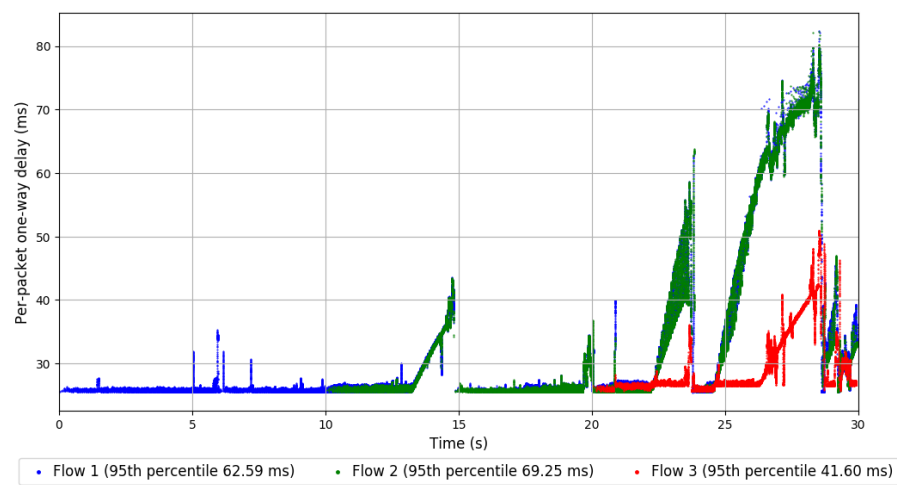
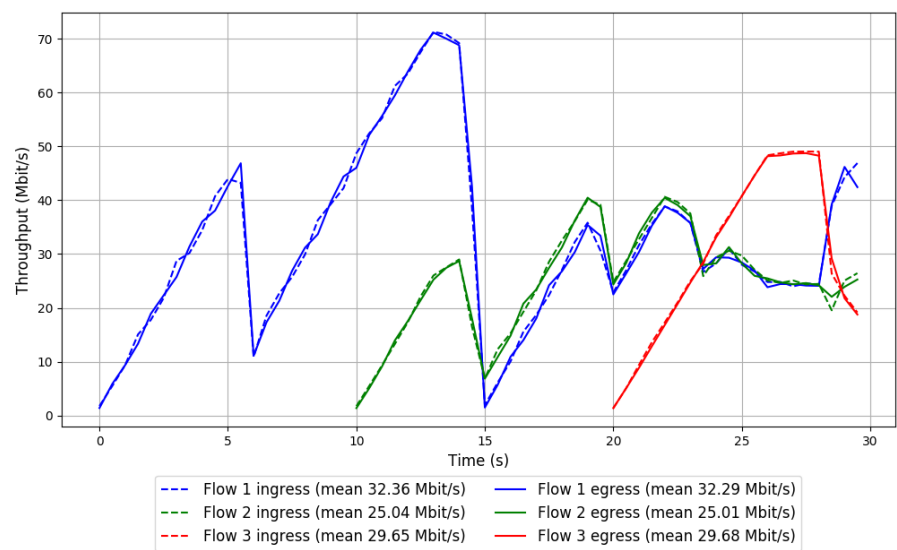


Run 6: Statistics of LEDBAT

Start at: 2018-01-31 23:53:41
End at: 2018-01-31 23:54:12
Local clock offset: 1.573 ms
Remote clock offset: -2.593 ms

Below is generated by plot.py at 2018-02-01 06:26:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.73 Mbit/s
95th percentile per-packet one-way delay: 63.354 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 62.592 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 25.01 Mbit/s
95th percentile per-packet one-way delay: 69.245 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 41.600 ms
Loss rate: 0.45%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-01 00:18:32

End at: 2018-02-01 00:19:02

Local clock offset: 1.542 ms

Remote clock offset: -2.85 ms

Below is generated by plot.py at 2018-02-01 06:26:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 27.88 Mbit/s

95th percentile per-packet one-way delay: 32.671 ms

Loss rate: 0.56%

-- Flow 1:

Average throughput: 14.86 Mbit/s

95th percentile per-packet one-way delay: 31.791 ms

Loss rate: 0.54%

-- Flow 2:

Average throughput: 13.69 Mbit/s

95th percentile per-packet one-way delay: 33.109 ms

Loss rate: 0.48%

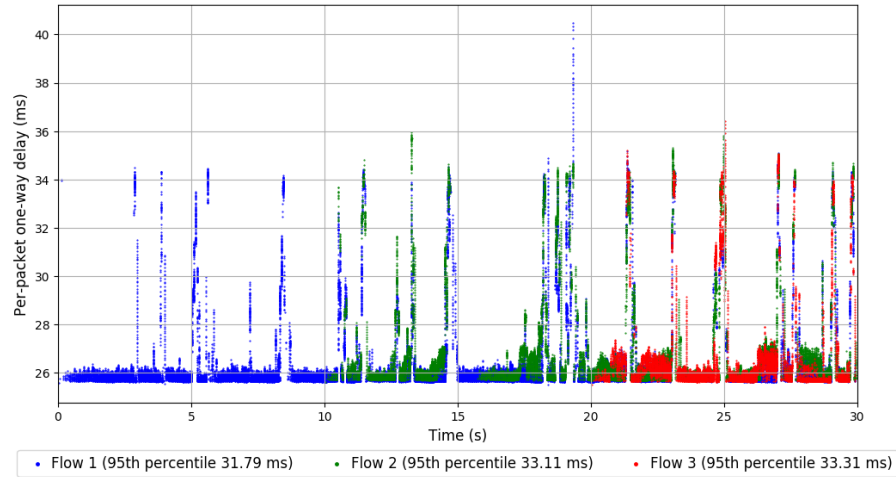
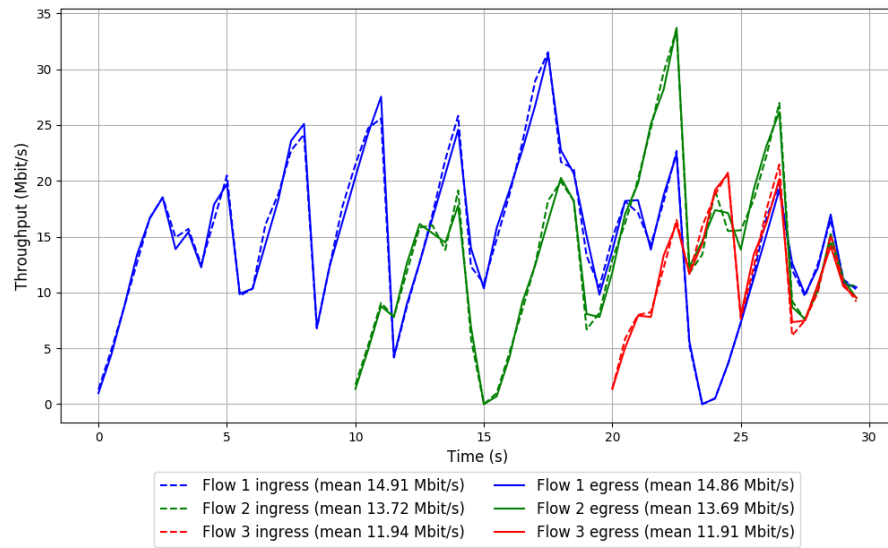
-- Flow 3:

Average throughput: 11.91 Mbit/s

95th percentile per-packet one-way delay: 33.307 ms

Loss rate: 0.80%

Run 7: Report of LEDBAT — Data Link

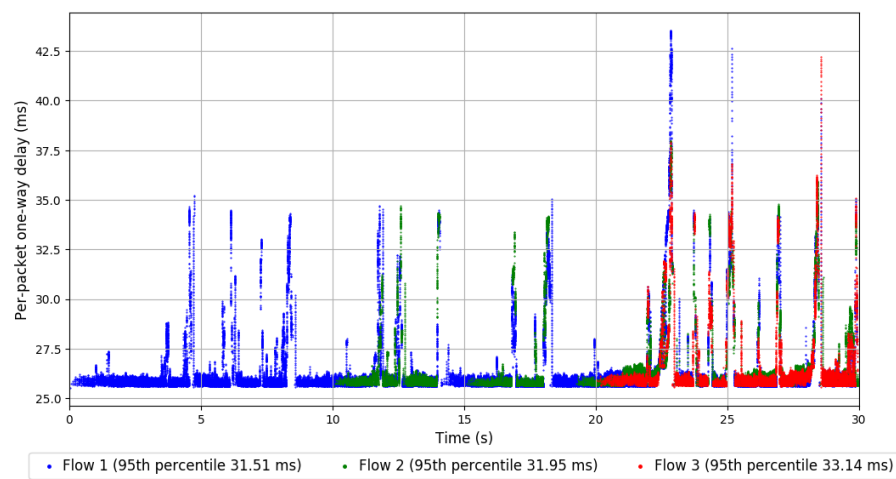
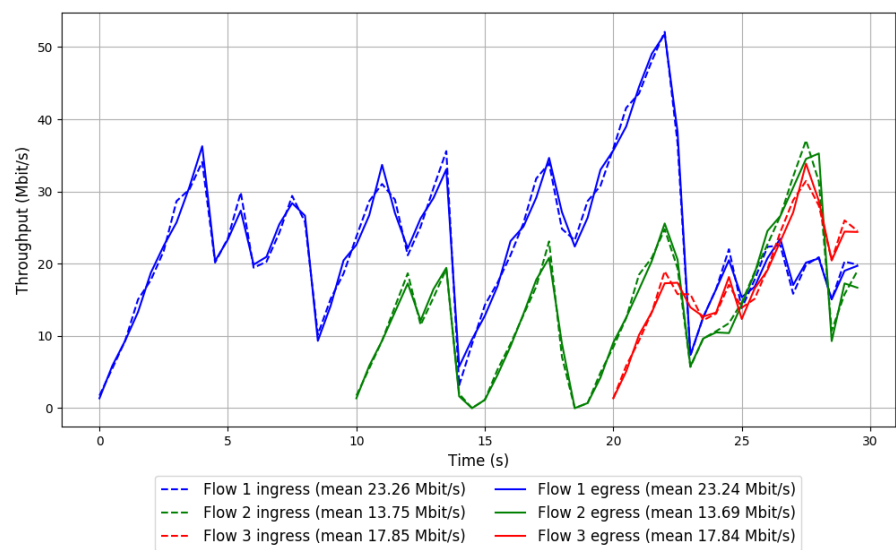


Run 8: Statistics of LEDBAT

Start at: 2018-02-01 00:43:41
End at: 2018-02-01 00:44:11
Local clock offset: 1.536 ms
Remote clock offset: -2.965 ms

Below is generated by plot.py at 2018-02-01 06:26:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.23 Mbit/s
95th percentile per-packet one-way delay: 31.803 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 23.24 Mbit/s
95th percentile per-packet one-way delay: 31.507 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 13.69 Mbit/s
95th percentile per-packet one-way delay: 31.945 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 17.84 Mbit/s
95th percentile per-packet one-way delay: 33.144 ms
Loss rate: 0.60%

Run 8: Report of LEDBAT — Data Link

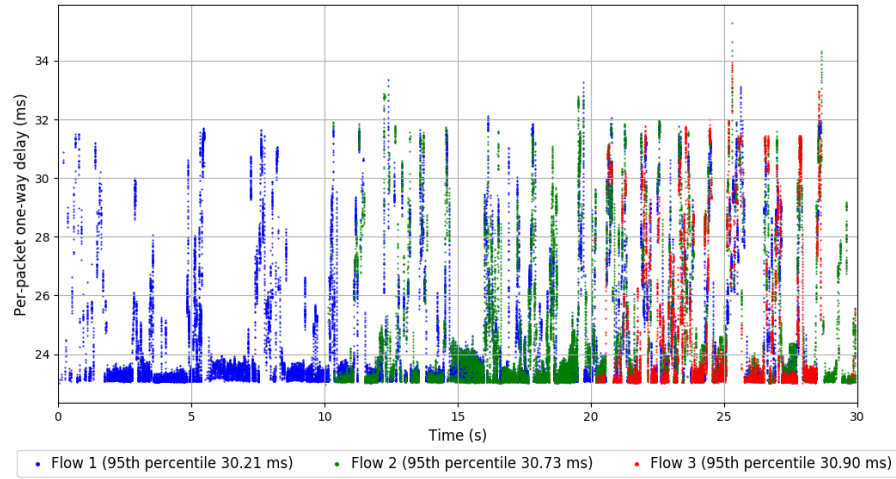
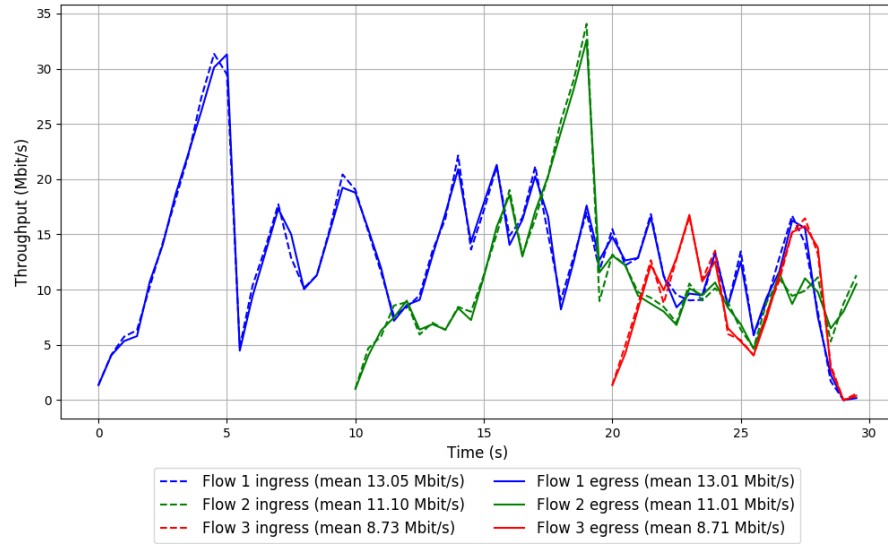


Run 9: Statistics of LEDBAT

Start at: 2018-02-01 01:09:12
End at: 2018-02-01 01:09:42
Local clock offset: 1.45 ms
Remote clock offset: -0.513 ms

Below is generated by plot.py at 2018-02-01 06:26:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.20 Mbit/s
95th percentile per-packet one-way delay: 30.494 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 30.207 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 30.730 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 8.71 Mbit/s
95th percentile per-packet one-way delay: 30.901 ms
Loss rate: 0.84%

Run 9: Report of LEDBAT — Data Link

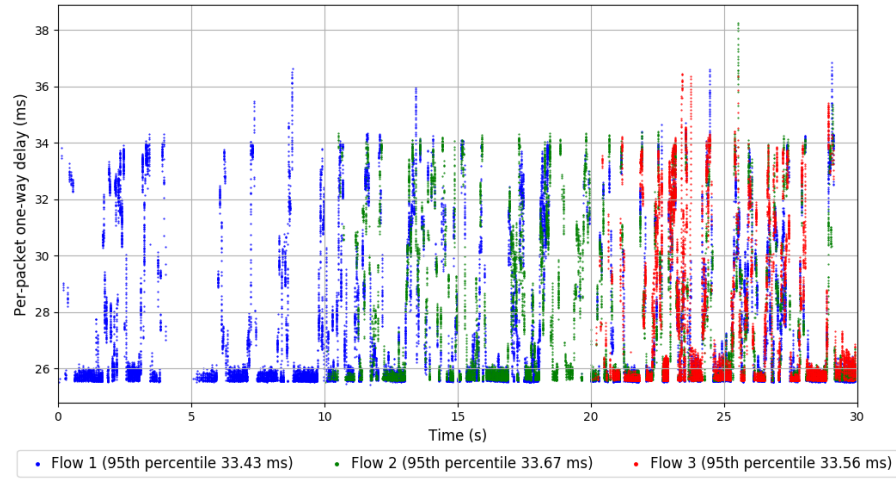
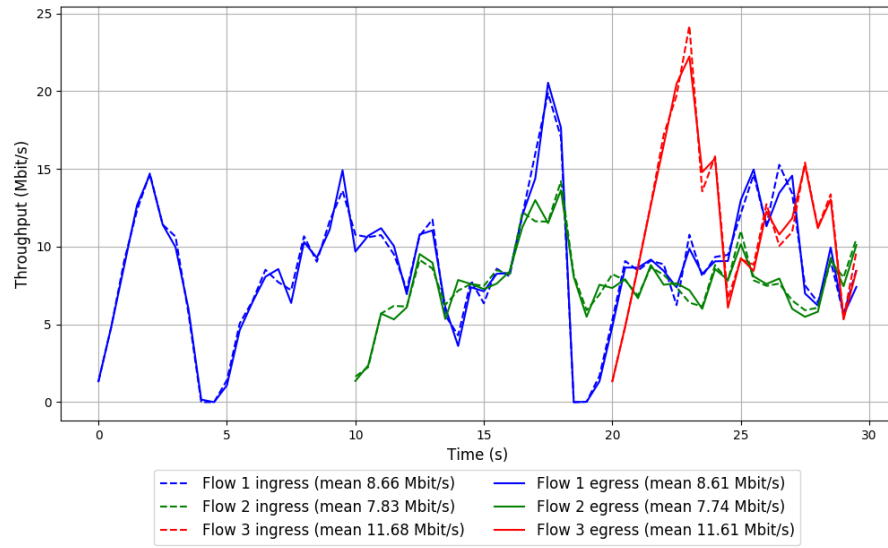


Run 10: Statistics of LEDBAT

Start at: 2018-02-01 01:36:21
End at: 2018-02-01 01:36:51
Local clock offset: 1.51 ms
Remote clock offset: -3.028 ms

Below is generated by plot.py at 2018-02-01 06:26:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 17.59 Mbit/s
95th percentile per-packet one-way delay: 33.535 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 33.429 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 33.675 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 33.556 ms
Loss rate: 1.10%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: 2018-01-31 21:51:05

End at: 2018-01-31 21:51:35

Local clock offset: 1.388 ms

Remote clock offset: -1.31 ms

Below is generated by plot.py at 2018-02-01 06:27:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.93 Mbit/s

95th percentile per-packet one-way delay: 47.102 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 60.49 Mbit/s

95th percentile per-packet one-way delay: 46.013 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 43.72 Mbit/s

95th percentile per-packet one-way delay: 48.708 ms

Loss rate: 0.47%

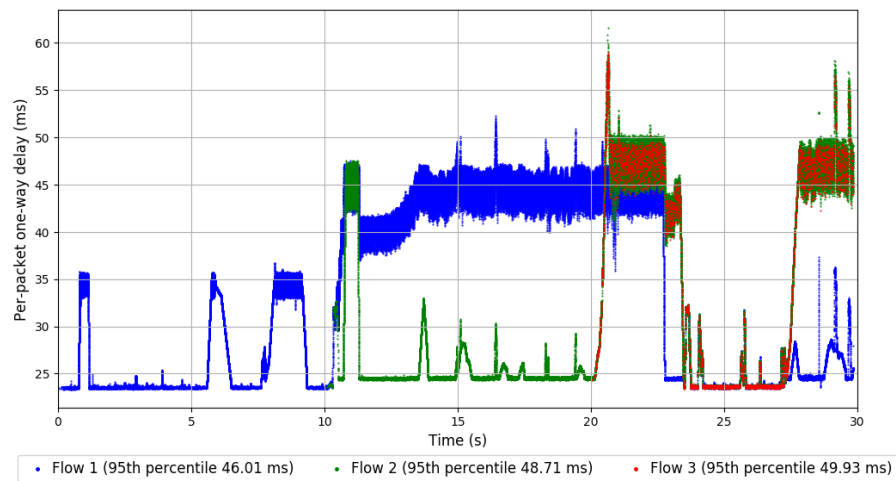
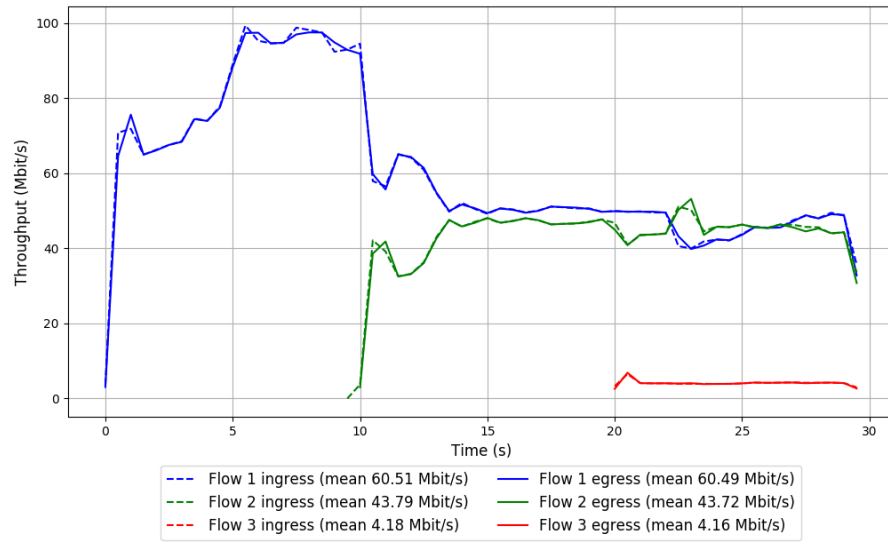
-- Flow 3:

Average throughput: 4.16 Mbit/s

95th percentile per-packet one-way delay: 49.930 ms

Loss rate: 0.94%

Run 1: Report of PCC — Data Link

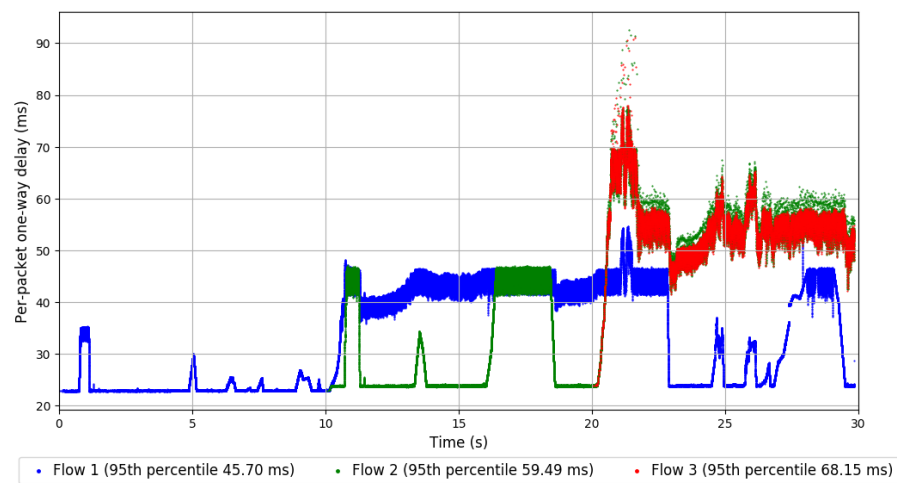
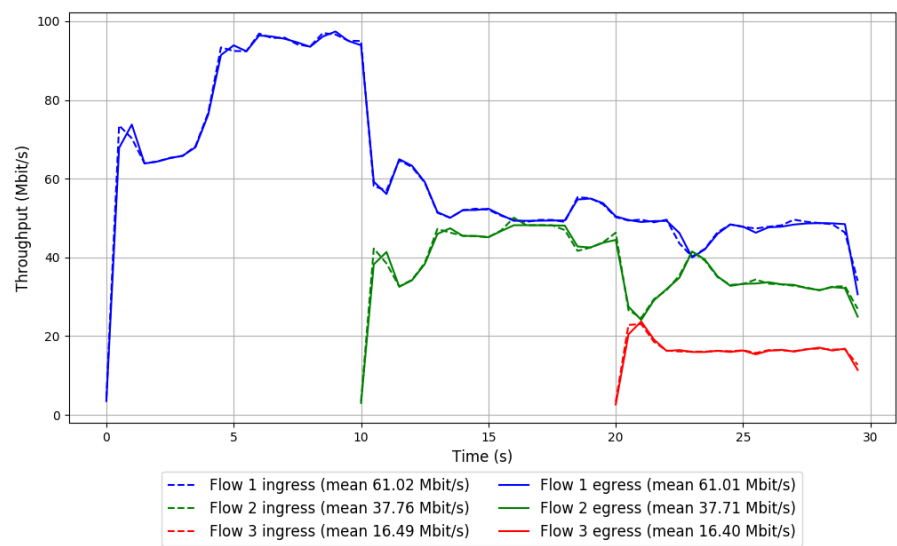


Run 2: Statistics of PCC

Start at: 2018-01-31 22:15:39
End at: 2018-01-31 22:16:09
Local clock offset: 1.277 ms
Remote clock offset: -0.731 ms

Below is generated by plot.py at 2018-02-01 06:27:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.45 Mbit/s
95th percentile per-packet one-way delay: 56.239 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 61.01 Mbit/s
95th percentile per-packet one-way delay: 45.703 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 37.71 Mbit/s
95th percentile per-packet one-way delay: 59.494 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 16.40 Mbit/s
95th percentile per-packet one-way delay: 68.150 ms
Loss rate: 1.15%

Run 2: Report of PCC — Data Link

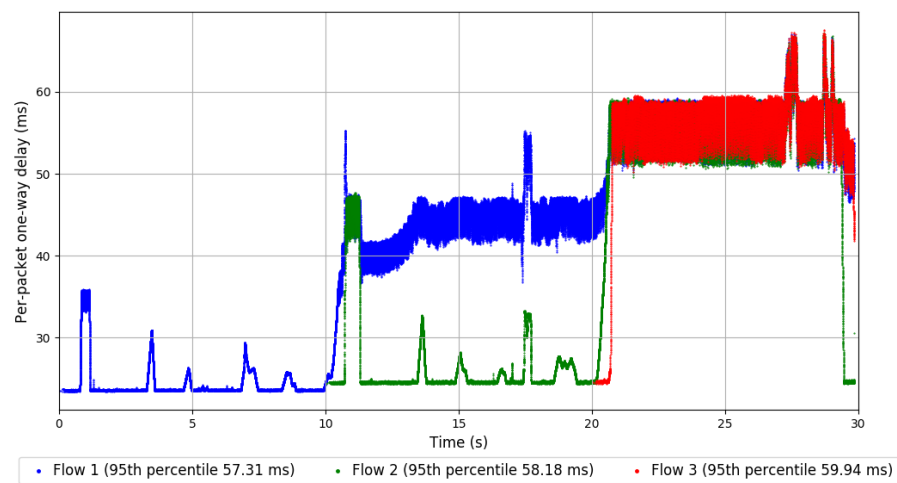
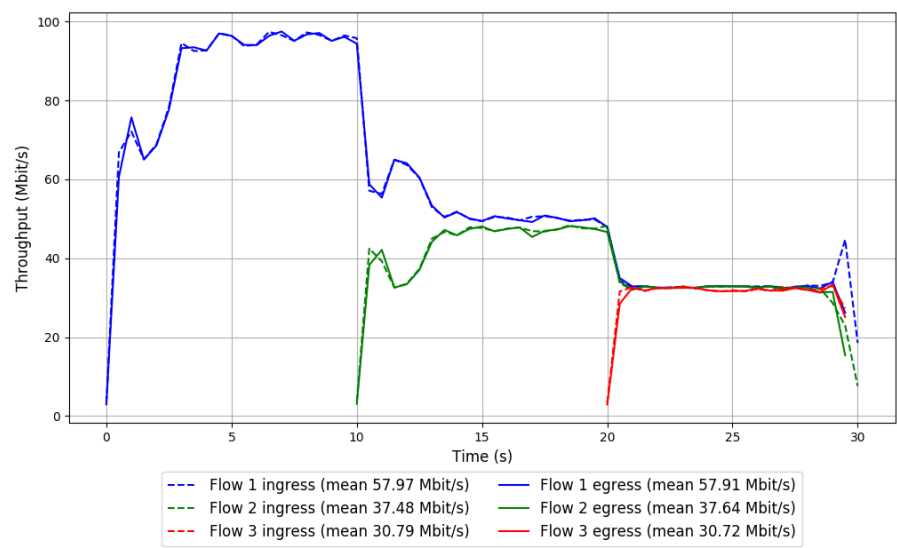


Run 3: Statistics of PCC

Start at: 2018-01-31 22:40:44
End at: 2018-01-31 22:41:14
Local clock offset: 1.587 ms
Remote clock offset: -0.924 ms

Below is generated by plot.py at 2018-02-01 06:27:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 58.172 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 57.312 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 37.64 Mbit/s
95th percentile per-packet one-way delay: 58.177 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 30.72 Mbit/s
95th percentile per-packet one-way delay: 59.936 ms
Loss rate: 1.13%

Run 3: Report of PCC — Data Link

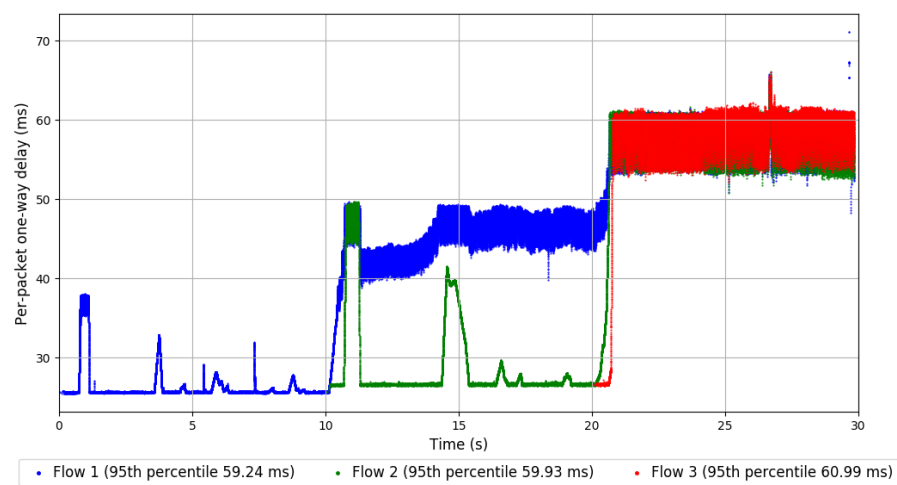
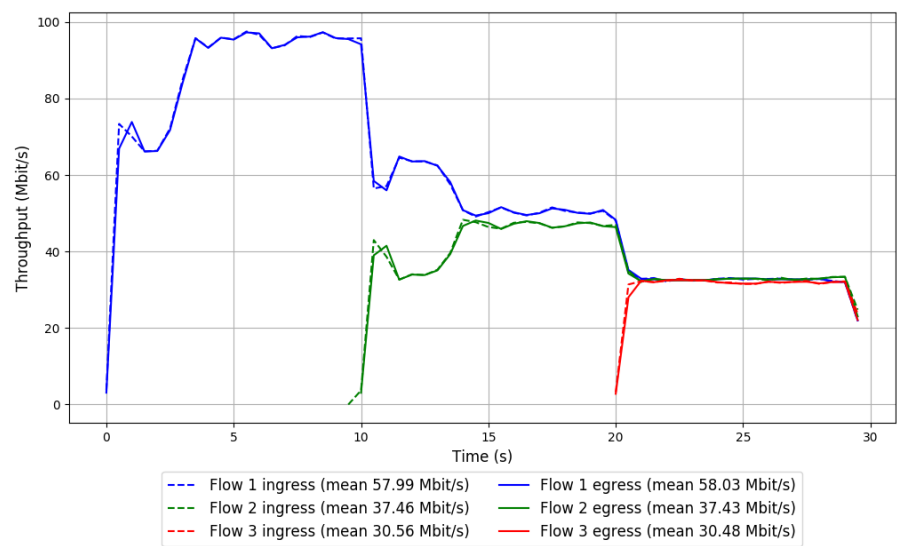


Run 4: Statistics of PCC

Start at: 2018-01-31 23:05:21
End at: 2018-01-31 23:05:51
Local clock offset: 1.582 ms
Remote clock offset: -2.686 ms

Below is generated by plot.py at 2018-02-01 06:27:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 60.033 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 58.03 Mbit/s
95th percentile per-packet one-way delay: 59.242 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 59.932 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 30.48 Mbit/s
95th percentile per-packet one-way delay: 60.987 ms
Loss rate: 0.91%

Run 4: Report of PCC — Data Link

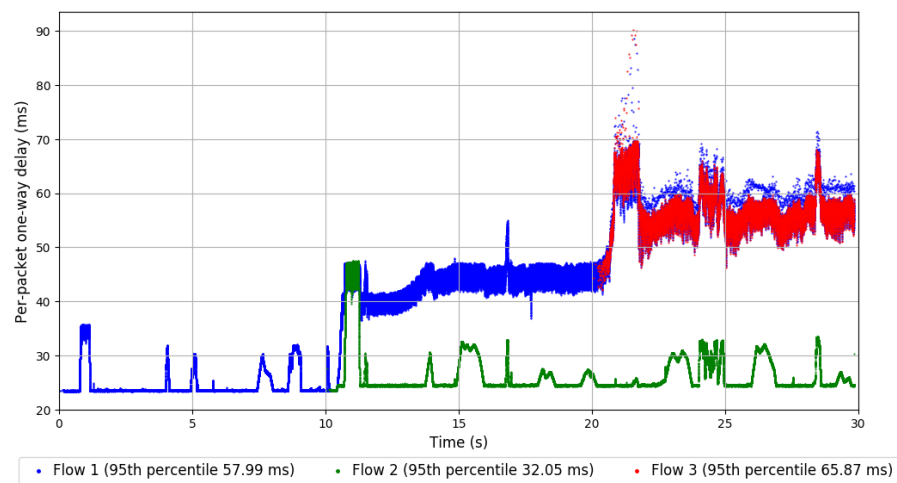
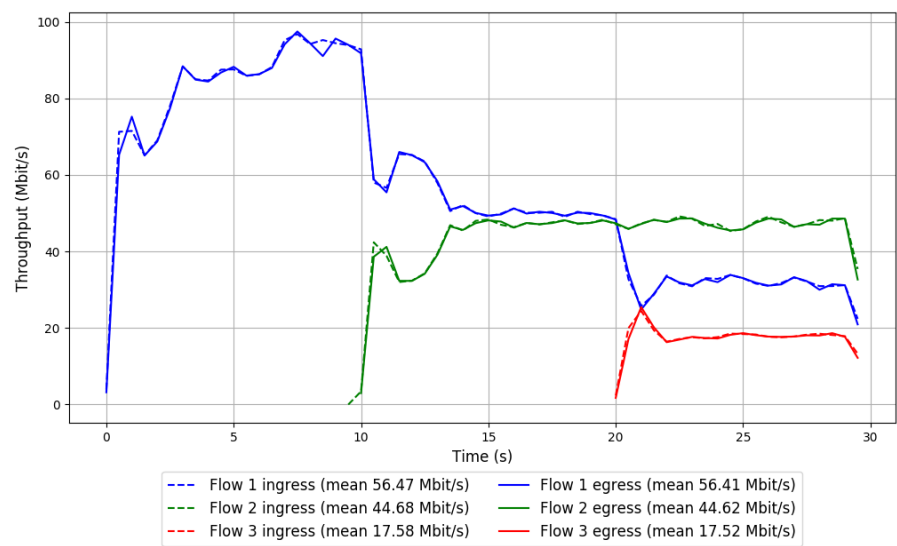


Run 5: Statistics of PCC

Start at: 2018-01-31 23:29:57
End at: 2018-01-31 23:30:27
Local clock offset: 1.58 ms
Remote clock offset: -0.337 ms

Below is generated by plot.py at 2018-02-01 06:27:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 57.971 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 56.41 Mbit/s
95th percentile per-packet one-way delay: 57.995 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 44.62 Mbit/s
95th percentile per-packet one-way delay: 32.053 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 17.52 Mbit/s
95th percentile per-packet one-way delay: 65.869 ms
Loss rate: 1.08%

Run 5: Report of PCC — Data Link

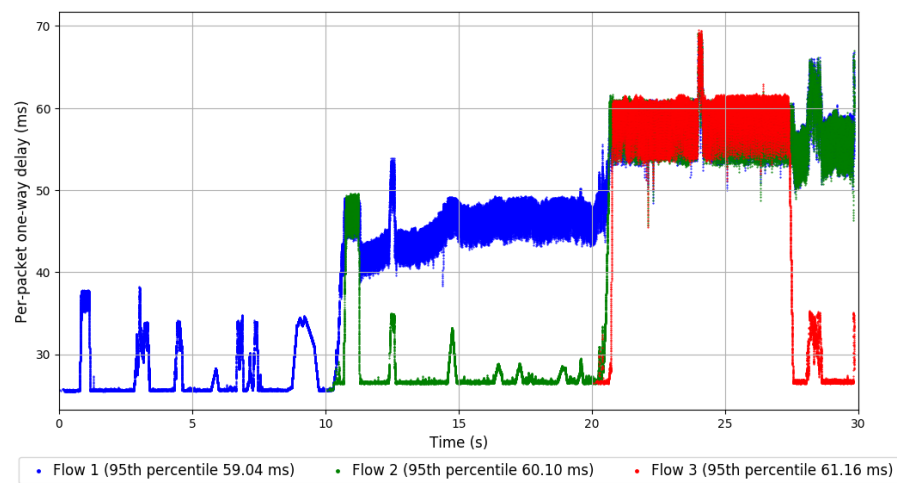
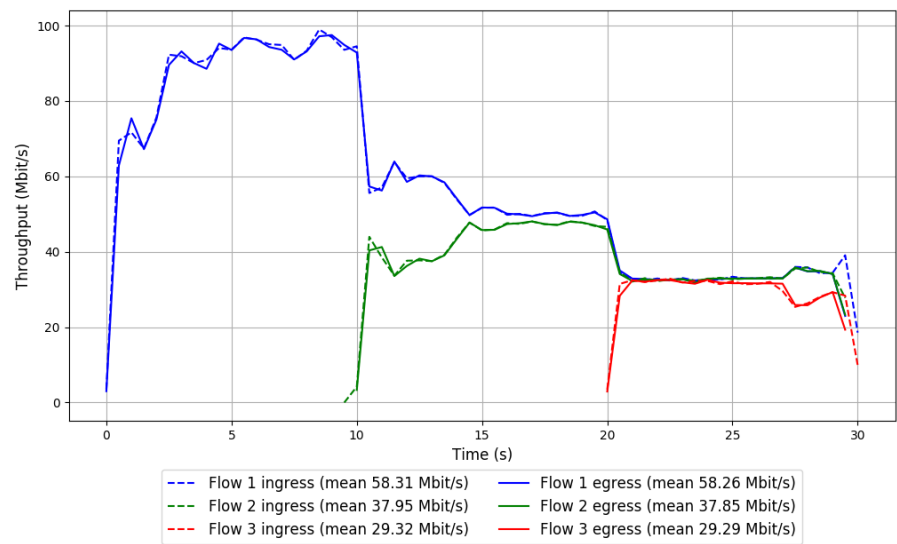


Run 6: Statistics of PCC

Start at: 2018-01-31 23:55:04
End at: 2018-01-31 23:55:34
Local clock offset: 1.555 ms
Remote clock offset: -2.678 ms

Below is generated by plot.py at 2018-02-01 06:27:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 60.038 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 58.26 Mbit/s
95th percentile per-packet one-way delay: 59.039 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 37.85 Mbit/s
95th percentile per-packet one-way delay: 60.104 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 61.159 ms
Loss rate: 3.62%

Run 6: Report of PCC — Data Link

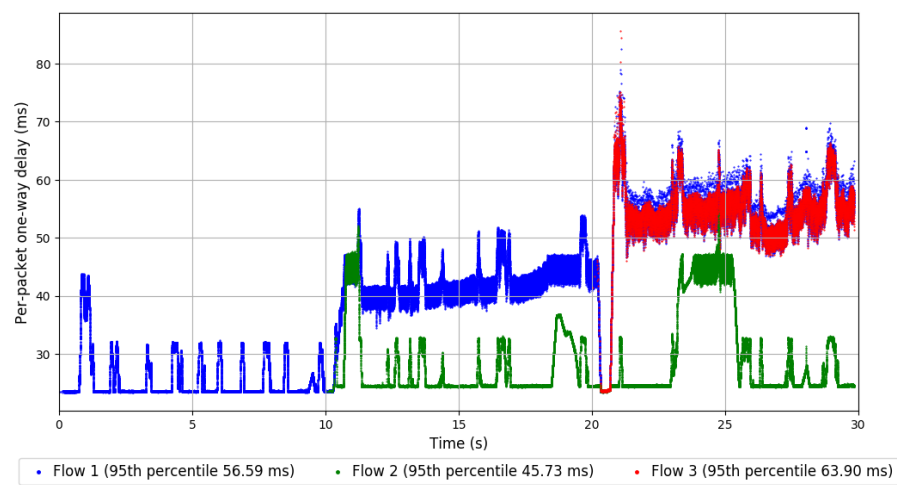
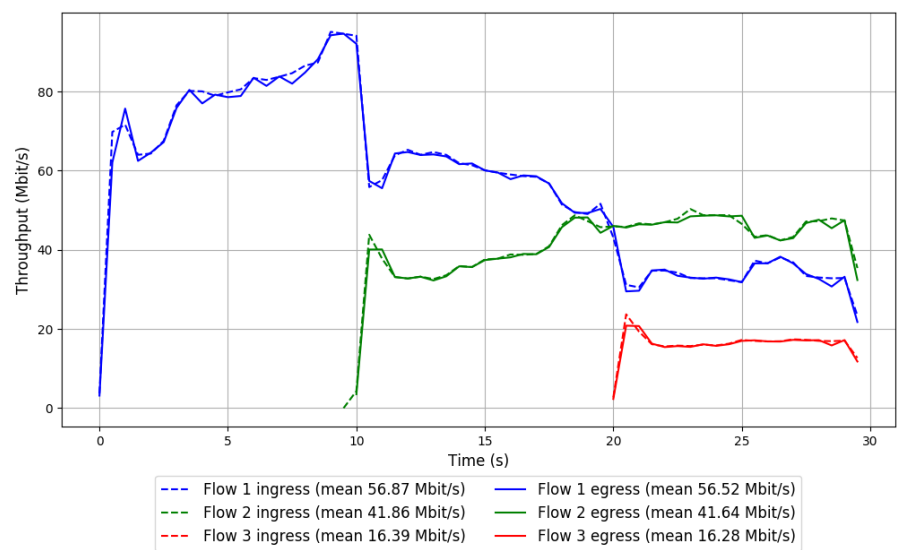


Run 7: Statistics of PCC

Start at: 2018-02-01 00:19:54
End at: 2018-02-01 00:20:24
Local clock offset: 1.529 ms
Remote clock offset: -0.767 ms

Below is generated by plot.py at 2018-02-01 06:27:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 56.442 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 56.585 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 41.64 Mbit/s
95th percentile per-packet one-way delay: 45.732 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 63.896 ms
Loss rate: 1.38%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-01 00:45:01

End at: 2018-02-01 00:45:31

Local clock offset: 1.54 ms

Remote clock offset: -3.09 ms

Below is generated by plot.py at 2018-02-01 06:27:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.86 Mbit/s

95th percentile per-packet one-way delay: 60.687 ms

Loss rate: 0.77%

-- Flow 1:

Average throughput: 51.79 Mbit/s

95th percentile per-packet one-way delay: 59.739 ms

Loss rate: 0.67%

-- Flow 2:

Average throughput: 35.37 Mbit/s

95th percentile per-packet one-way delay: 60.978 ms

Loss rate: 0.90%

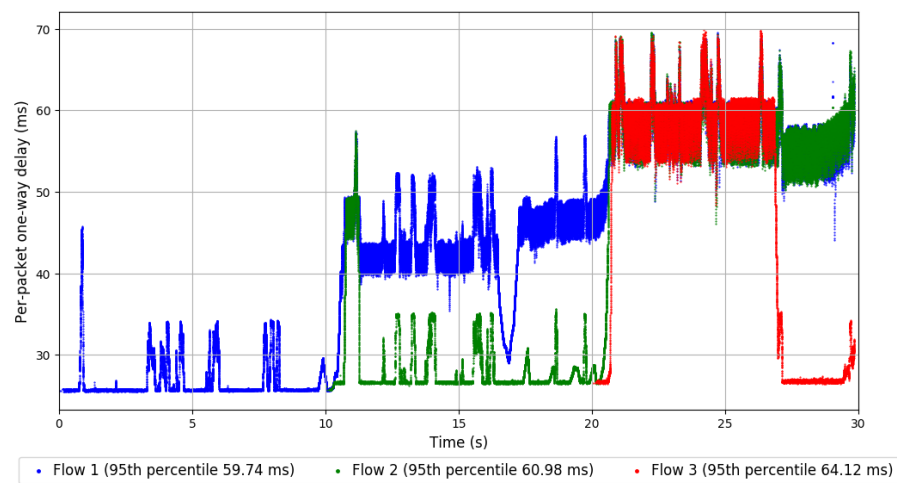
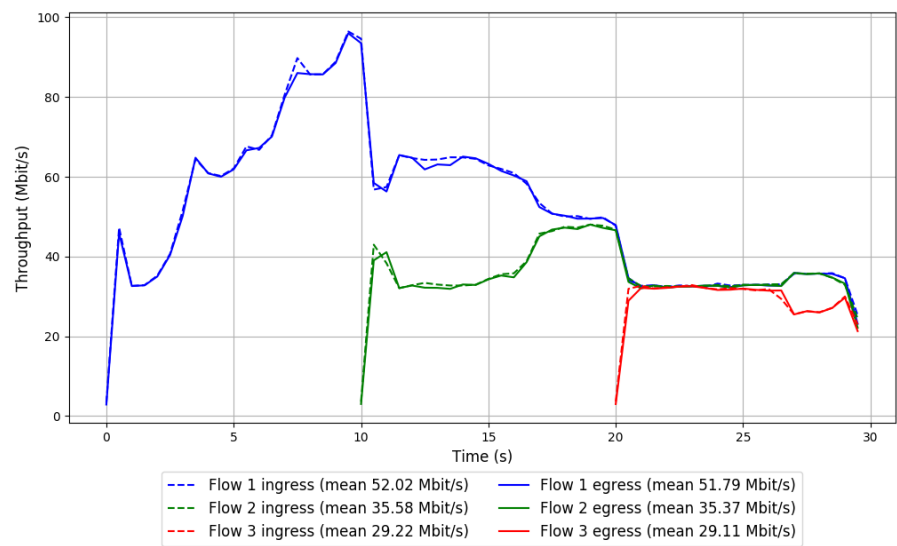
-- Flow 3:

Average throughput: 29.11 Mbit/s

95th percentile per-packet one-way delay: 64.119 ms

Loss rate: 0.93%

Run 8: Report of PCC — Data Link

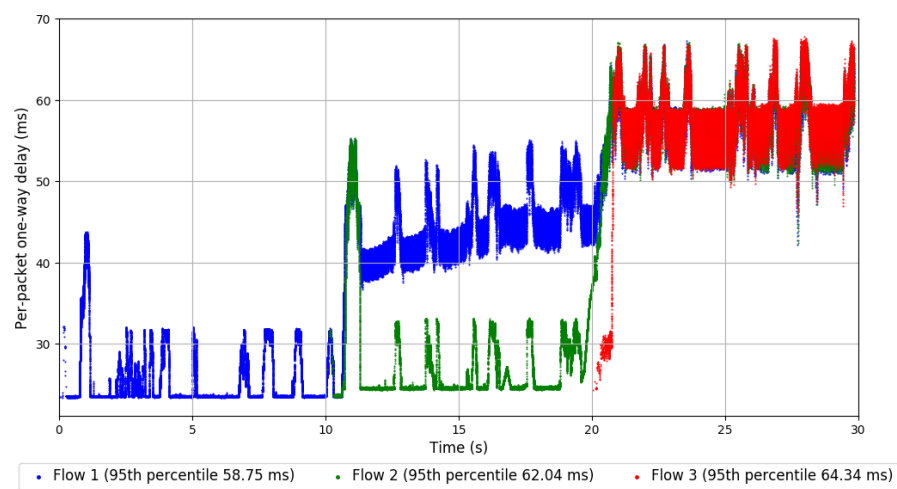
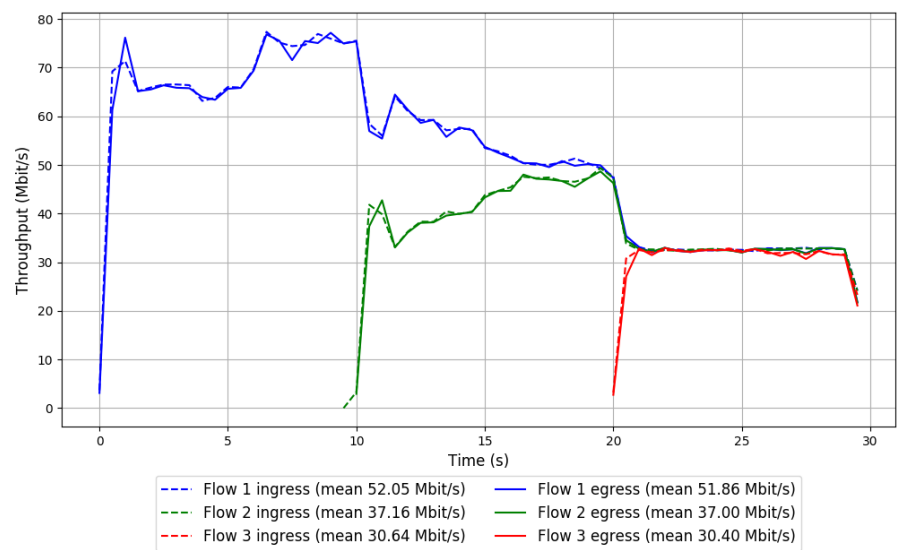


Run 9: Statistics of PCC

Start at: 2018-02-01 01:10:34
End at: 2018-02-01 01:11:04
Local clock offset: 1.541 ms
Remote clock offset: -0.983 ms

Below is generated by plot.py at 2018-02-01 06:28:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 61.303 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 51.86 Mbit/s
95th percentile per-packet one-way delay: 58.753 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 62.040 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 30.40 Mbit/s
95th percentile per-packet one-way delay: 64.339 ms
Loss rate: 1.35%

Run 9: Report of PCC — Data Link

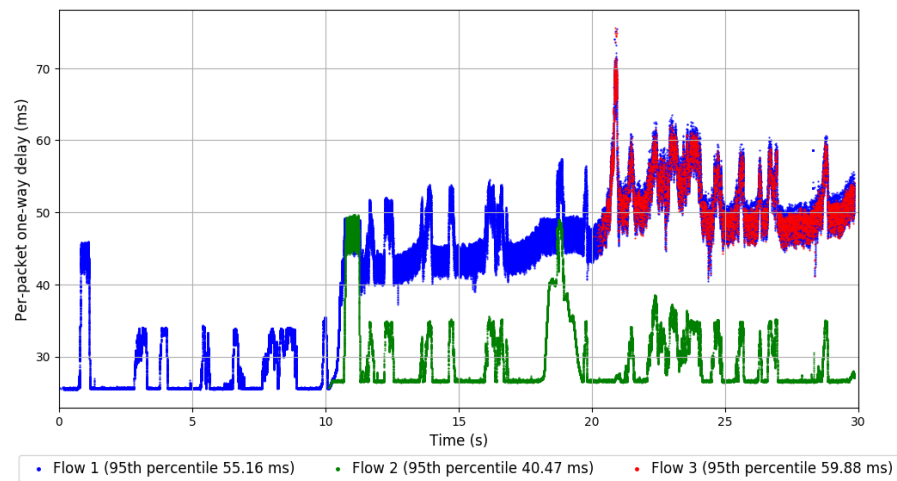
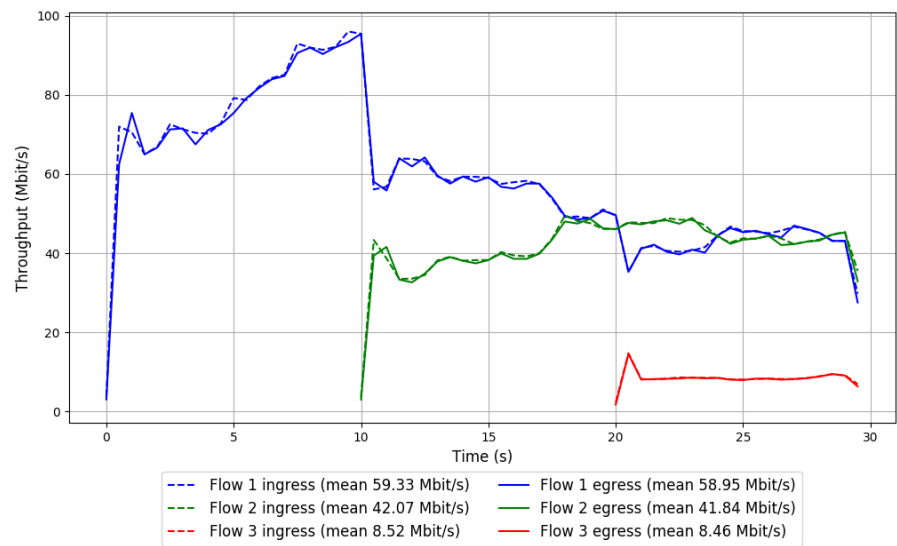


Run 10: Statistics of PCC

Start at: 2018-02-01 01:37:42
End at: 2018-02-01 01:38:12
Local clock offset: 1.508 ms
Remote clock offset: -3.196 ms

Below is generated by plot.py at 2018-02-01 06:29:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 54.258 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 55.160 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 41.84 Mbit/s
95th percentile per-packet one-way delay: 40.465 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 59.880 ms
Loss rate: 1.38%

Run 10: Report of PCC — Data Link

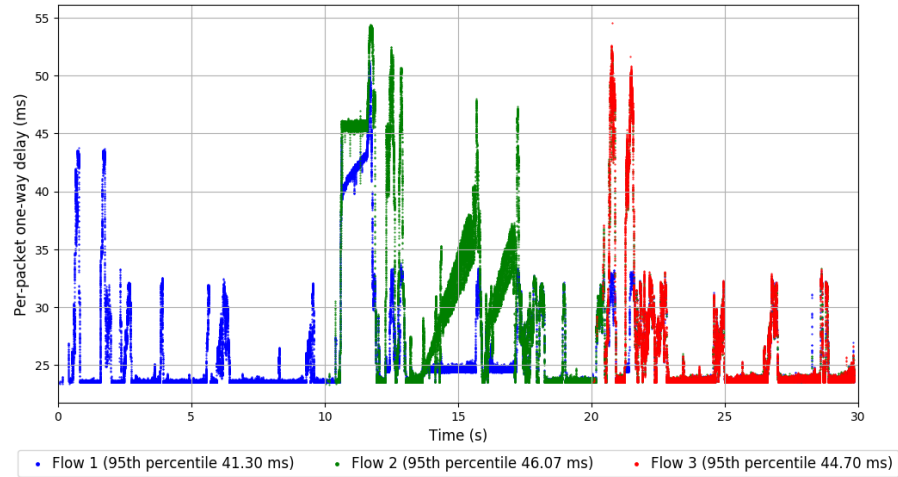
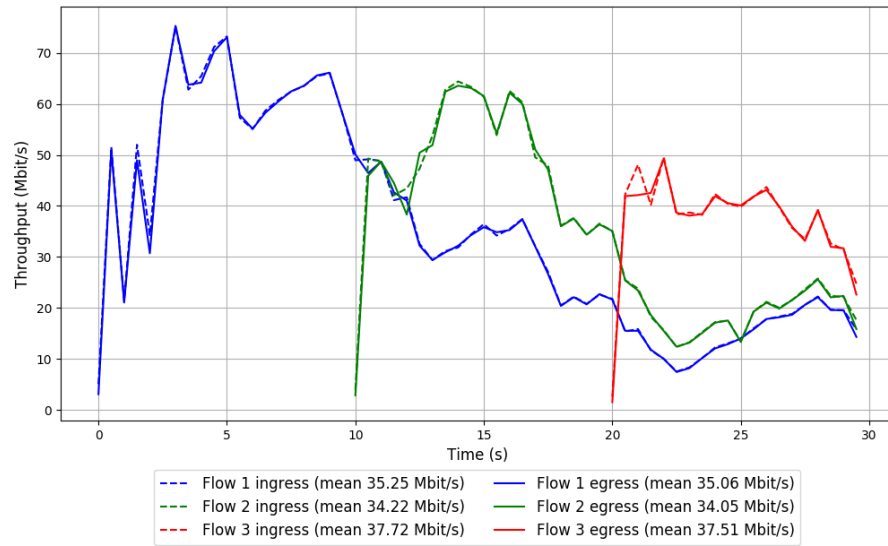


Run 1: Statistics of QUIC Cubic

Start at: 2018-01-31 21:30:13
End at: 2018-01-31 21:30:43
Local clock offset: 1.27 ms
Remote clock offset: -1.657 ms

Below is generated by plot.py at 2018-02-01 06:29:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 45.193 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 41.301 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 34.05 Mbit/s
95th percentile per-packet one-way delay: 46.074 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 37.51 Mbit/s
95th percentile per-packet one-way delay: 44.696 ms
Loss rate: 1.12%

Run 1: Report of QUIC Cubic — Data Link

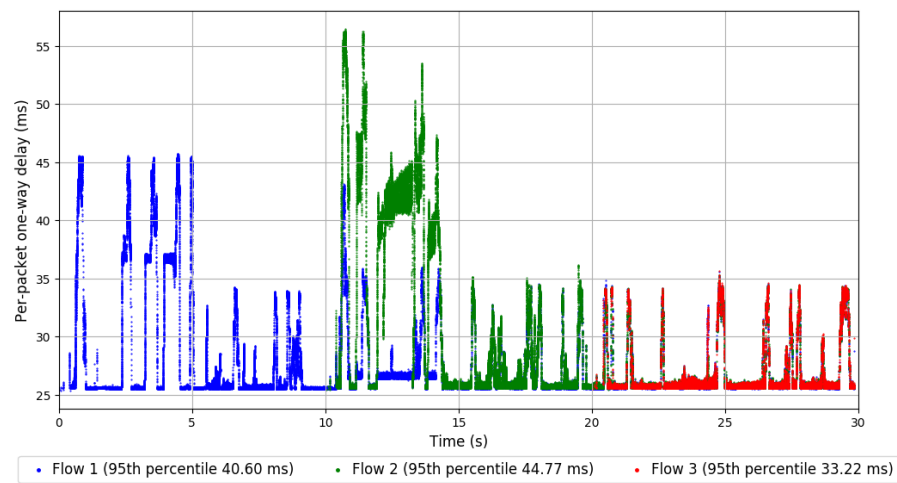
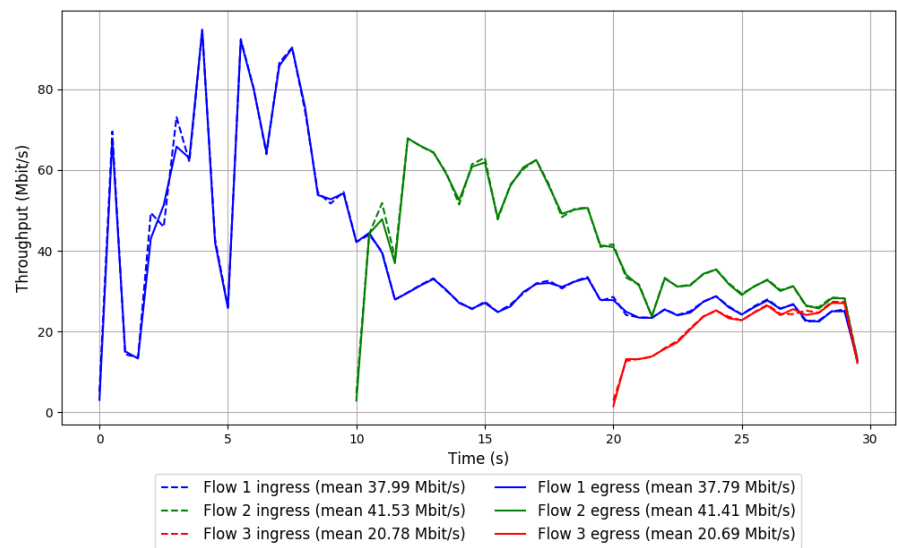


Run 2: Statistics of QUIC Cubic

Start at: 2018-01-31 21:55:04
End at: 2018-01-31 21:55:34
Local clock offset: 1.378 ms
Remote clock offset: -3.336 ms

Below is generated by plot.py at 2018-02-01 06:29:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.10 Mbit/s
95th percentile per-packet one-way delay: 42.795 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 37.79 Mbit/s
95th percentile per-packet one-way delay: 40.597 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 44.773 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 20.69 Mbit/s
95th percentile per-packet one-way delay: 33.224 ms
Loss rate: 0.91%

Run 2: Report of QUIC Cubic — Data Link

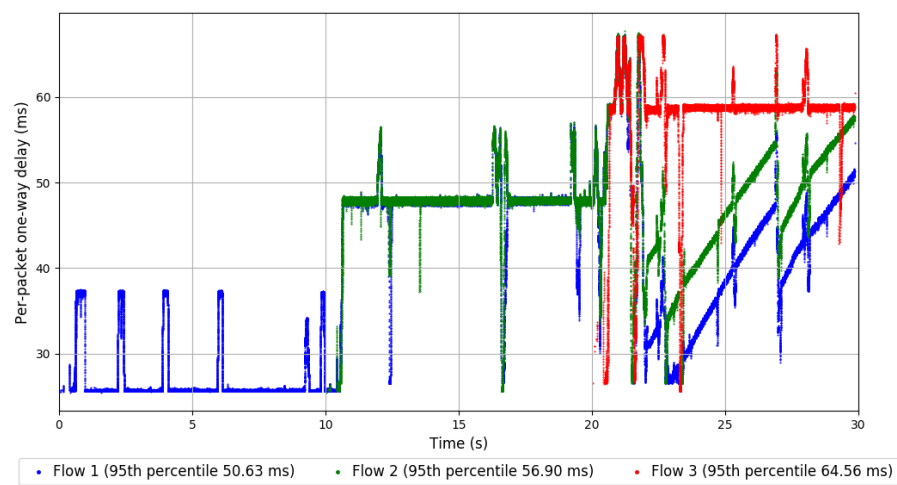
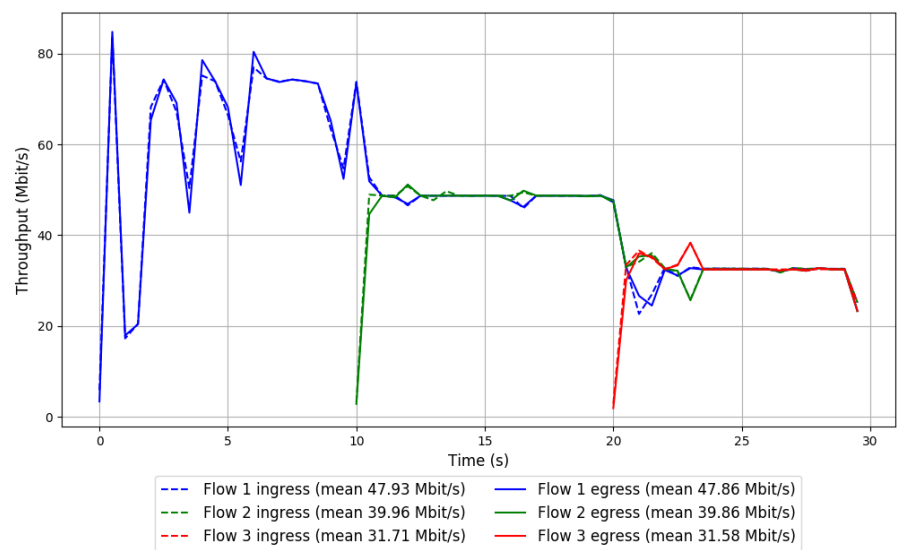


Run 3: Statistics of QUIC Cubic

Start at: 2018-01-31 22:19:40
End at: 2018-01-31 22:20:10
Local clock offset: 1.447 ms
Remote clock offset: -3.252 ms

Below is generated by plot.py at 2018-02-01 06:29:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 58.949 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 47.86 Mbit/s
95th percentile per-packet one-way delay: 50.632 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 56.896 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 64.560 ms
Loss rate: 1.10%

Run 3: Report of QUIC Cubic — Data Link

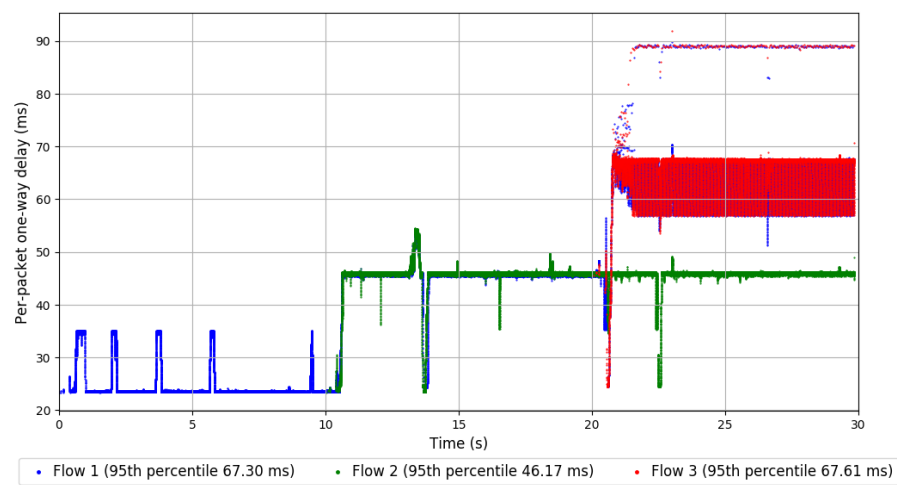
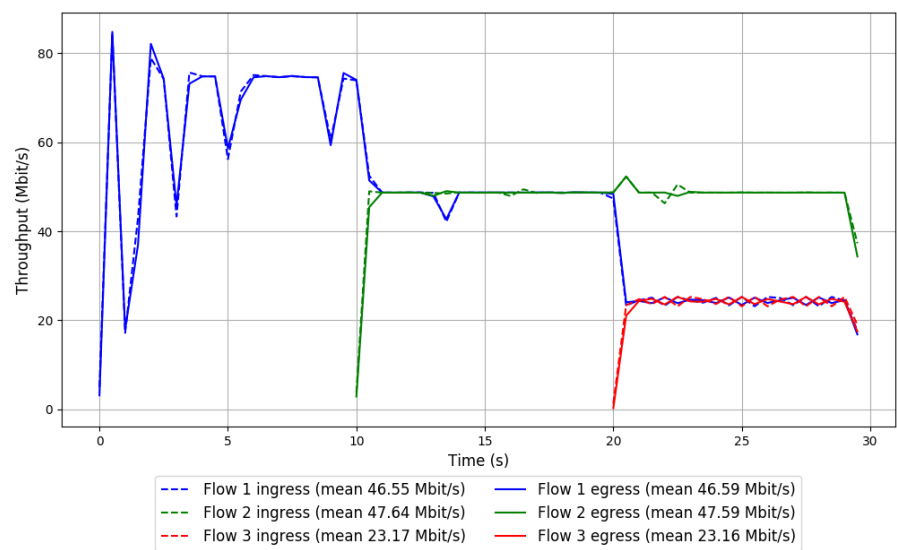


Run 4: Statistics of QUIC Cubic

Start at: 2018-01-31 22:44:44
End at: 2018-01-31 22:45:14
Local clock offset: 1.503 ms
Remote clock offset: -0.893 ms

Below is generated by plot.py at 2018-02-01 06:29:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.77 Mbit/s
95th percentile per-packet one-way delay: 67.338 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 67.297 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 47.59 Mbit/s
95th percentile per-packet one-way delay: 46.171 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 67.612 ms
Loss rate: 1.02%

Run 4: Report of QUIC Cubic — Data Link

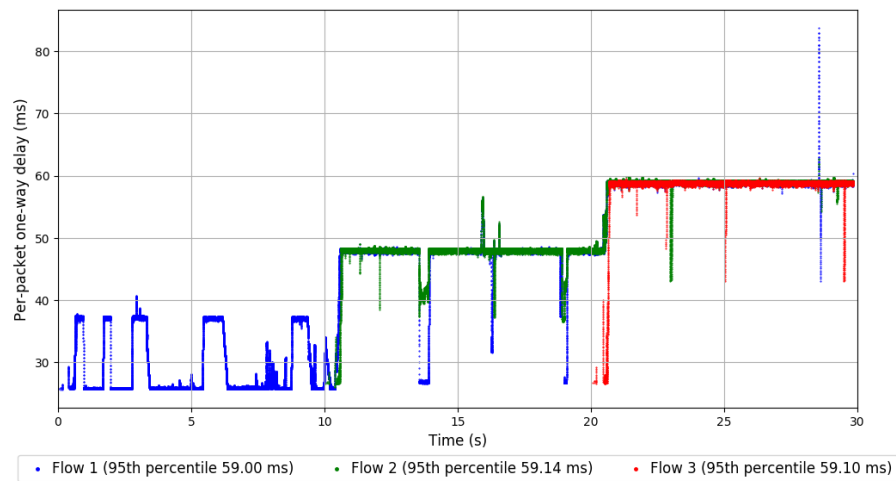
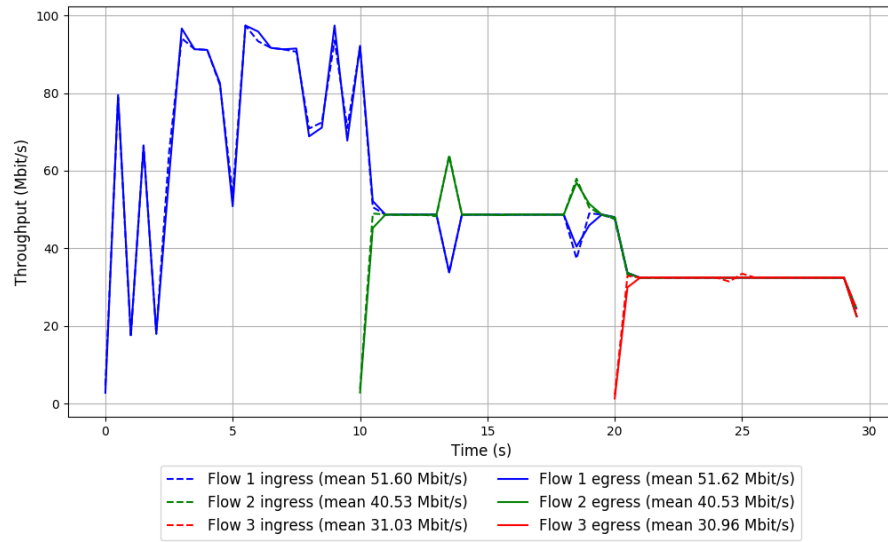


Run 5: Statistics of QUIC Cubic

Start at: 2018-01-31 23:09:23
End at: 2018-01-31 23:09:53
Local clock offset: 1.584 ms
Remote clock offset: -2.704 ms

Below is generated by plot.py at 2018-02-01 06:29:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.70 Mbit/s
95th percentile per-packet one-way delay: 59.073 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 51.62 Mbit/s
95th percentile per-packet one-way delay: 59.000 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 59.139 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 59.105 ms
Loss rate: 0.93%

Run 5: Report of QUIC Cubic — Data Link

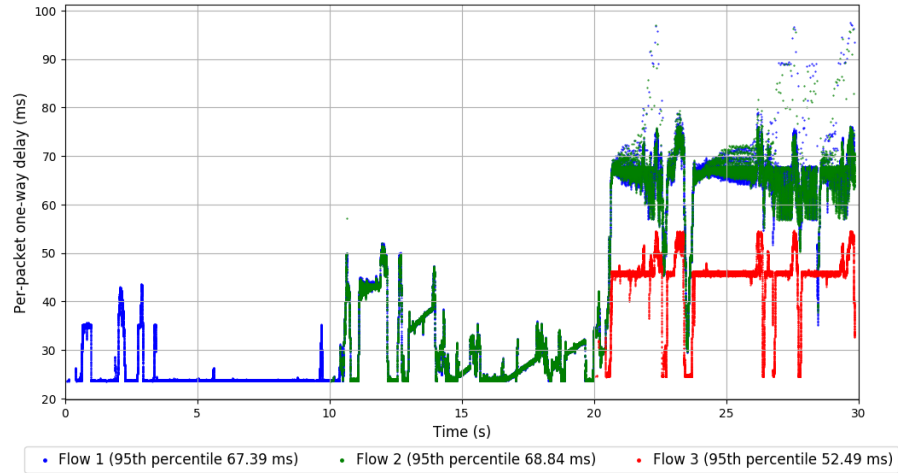
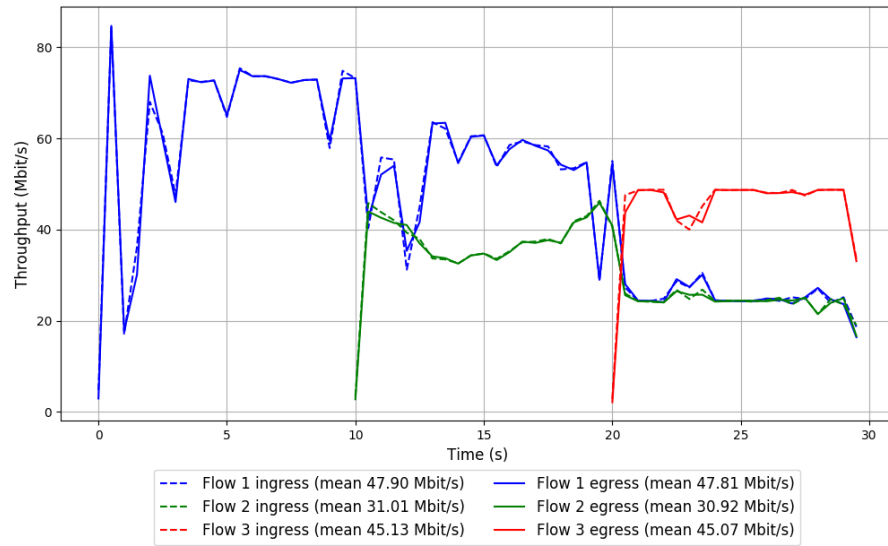


Run 6: Statistics of QUIC Cubic

Start at: 2018-01-31 23:33:57
End at: 2018-01-31 23:34:27
Local clock offset: 1.563 ms
Remote clock offset: -0.414 ms

Below is generated by plot.py at 2018-02-01 06:29:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 67.475 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 67.395 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 30.92 Mbit/s
95th percentile per-packet one-way delay: 68.843 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 45.07 Mbit/s
95th percentile per-packet one-way delay: 52.486 ms
Loss rate: 0.69%

Run 6: Report of QUIC Cubic — Data Link

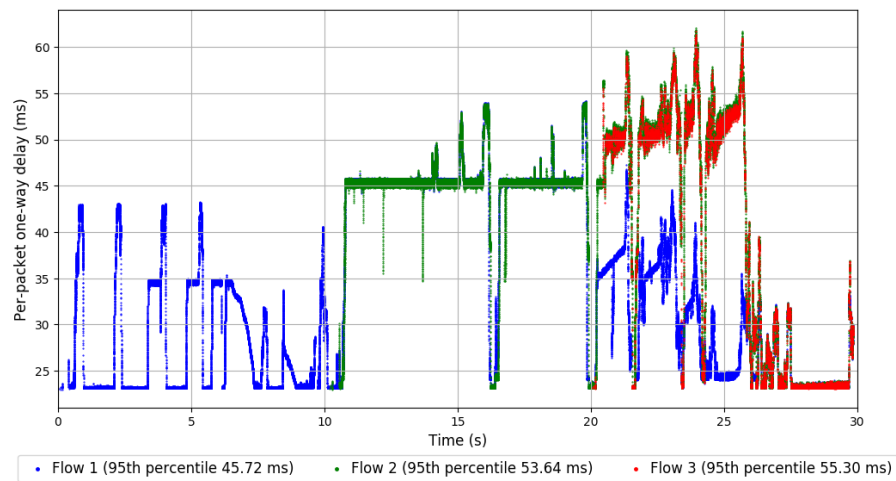
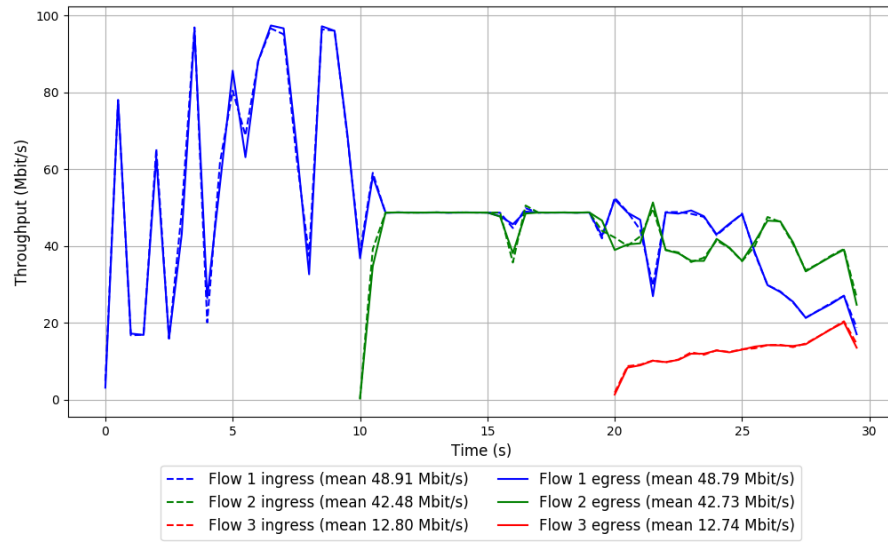


Run 7: Statistics of QUIC Cubic

Start at: 2018-01-31 23:59:05
End at: 2018-01-31 23:59:35
Local clock offset: 1.493 ms
Remote clock offset: -0.194 ms

Below is generated by plot.py at 2018-02-01 06:30:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.15 Mbit/s
95th percentile per-packet one-way delay: 52.237 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 48.79 Mbit/s
95th percentile per-packet one-way delay: 45.716 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 42.73 Mbit/s
95th percentile per-packet one-way delay: 53.636 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 12.74 Mbit/s
95th percentile per-packet one-way delay: 55.301 ms
Loss rate: 1.00%

Run 7: Report of QUIC Cubic — Data Link

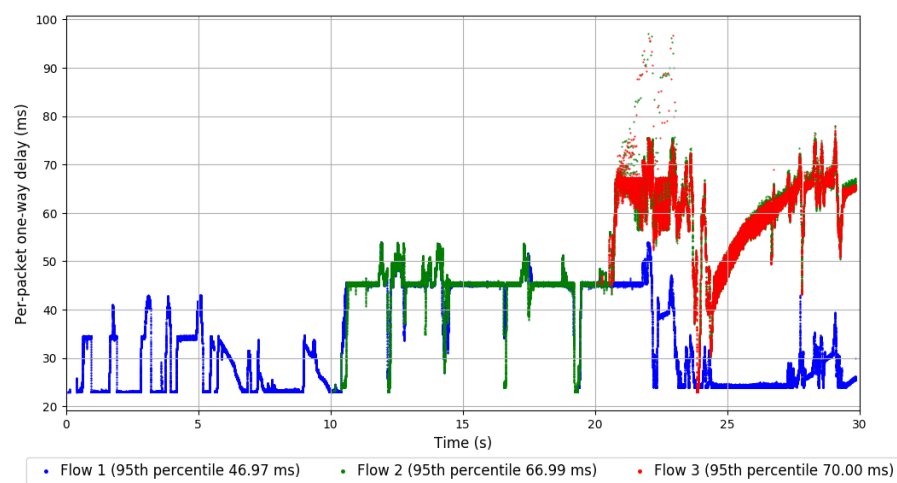
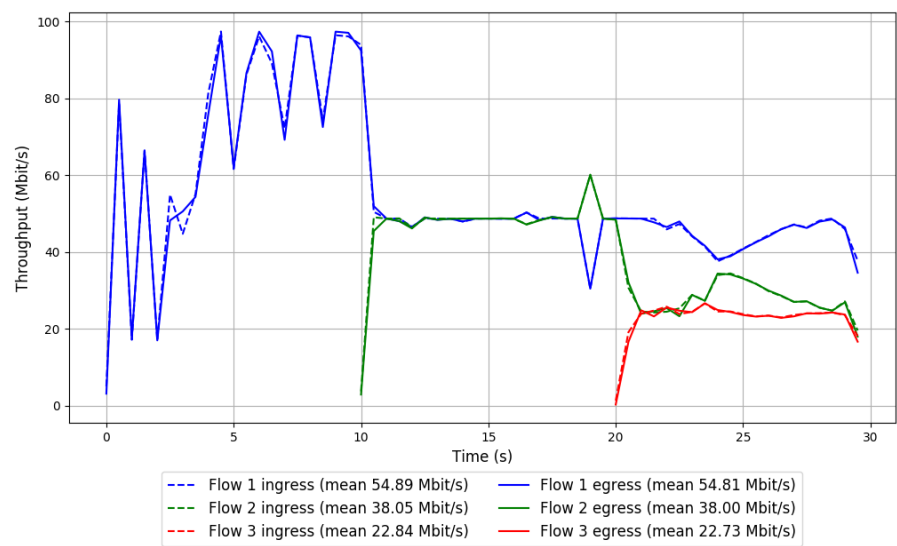


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-01 00:24:00
End at: 2018-02-01 00:24:30
Local clock offset: 1.517 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 65.742 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 54.81 Mbit/s
95th percentile per-packet one-way delay: 46.970 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 38.00 Mbit/s
95th percentile per-packet one-way delay: 66.986 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 22.73 Mbit/s
95th percentile per-packet one-way delay: 69.998 ms
Loss rate: 1.22%

Run 8: Report of QUIC Cubic — Data Link

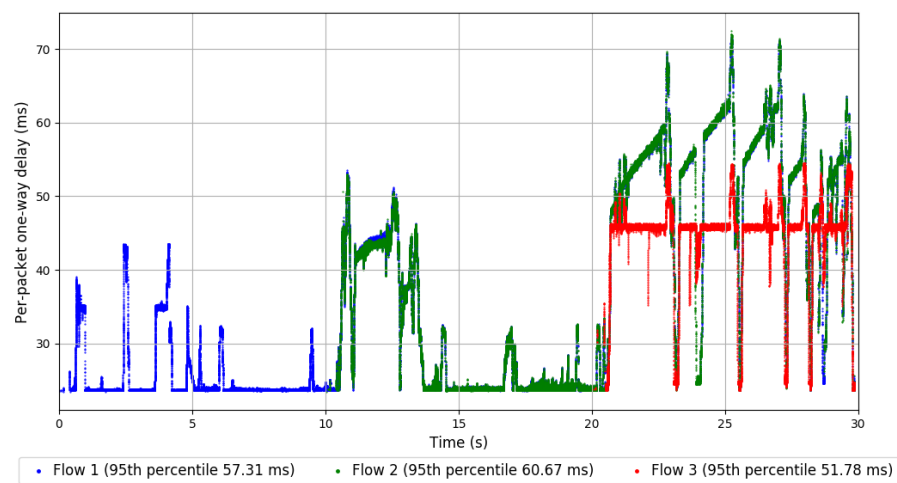
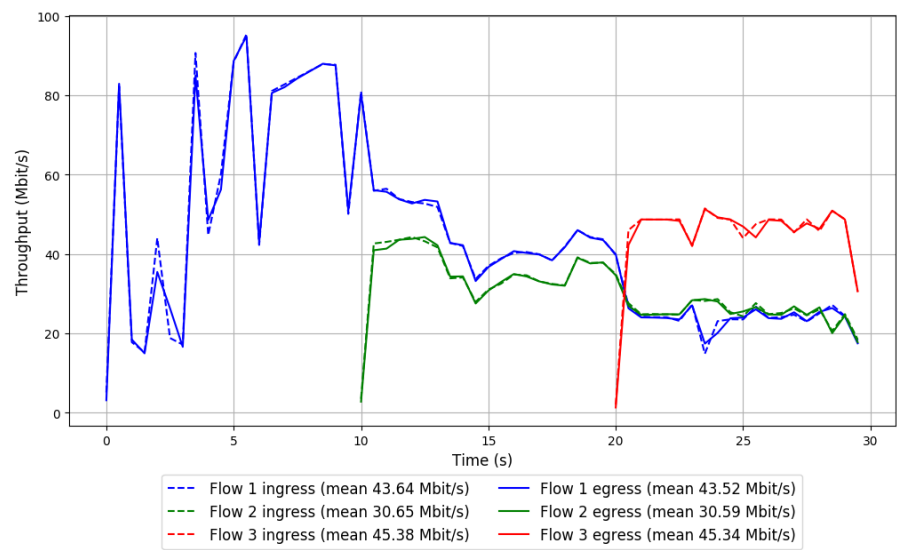


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-01 00:49:01
End at: 2018-02-01 00:49:31
Local clock offset: 1.556 ms
Remote clock offset: -0.946 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: 57.922 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 43.52 Mbit/s
95th percentile per-packet one-way delay: 57.310 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 30.59 Mbit/s
95th percentile per-packet one-way delay: 60.667 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 45.34 Mbit/s
95th percentile per-packet one-way delay: 51.779 ms
Loss rate: 0.64%

Run 9: Report of QUIC Cubic — Data Link

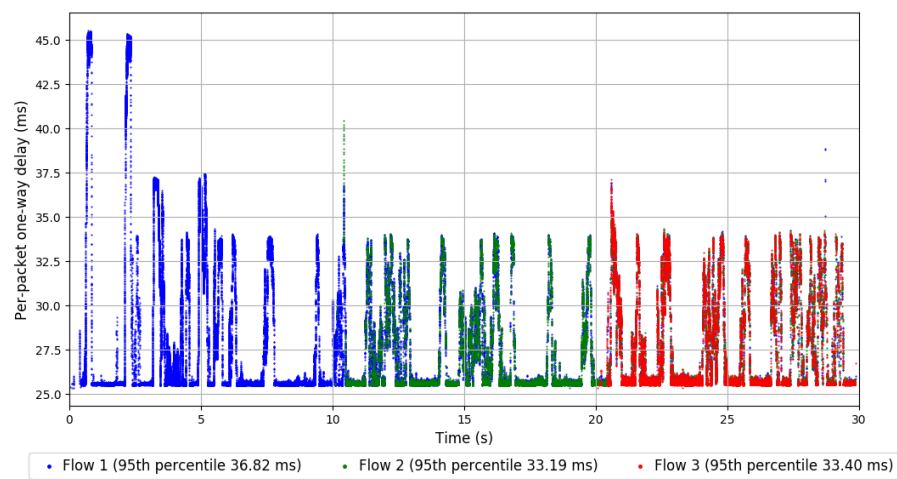
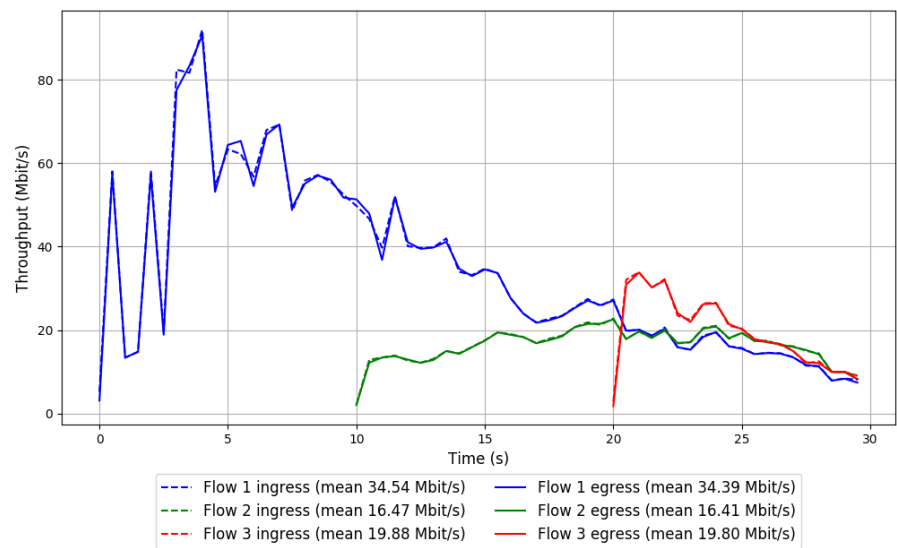


Run 10: Statistics of QUIC Cubic

Start at: 2018-02-01 01:14:37
End at: 2018-02-01 01:15:07
Local clock offset: 1.455 ms
Remote clock offset: -2.988 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.80 Mbit/s
95th percentile per-packet one-way delay: 34.715 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 36.816 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 33.190 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 19.80 Mbit/s
95th percentile per-packet one-way delay: 33.399 ms
Loss rate: 0.91%

Run 10: Report of QUIC Cubic — Data Link

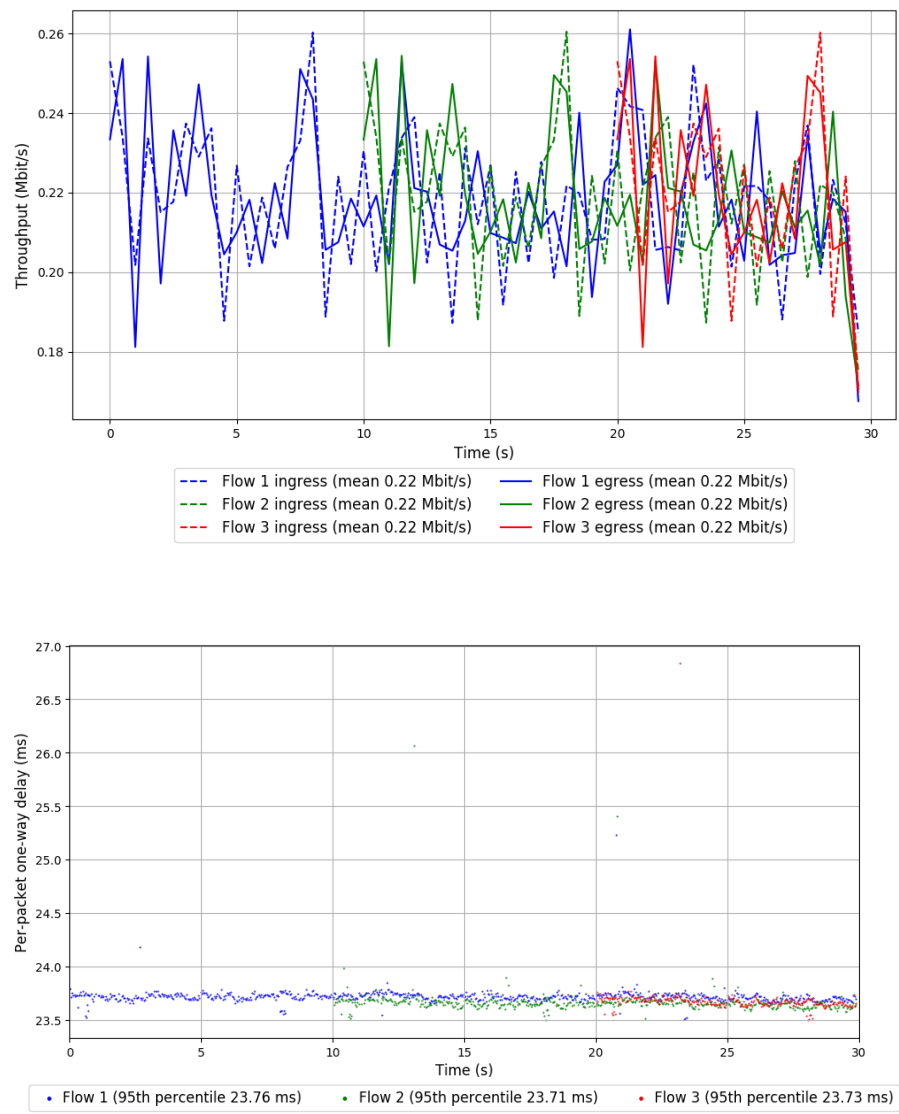


```
Run 1: Statistics of SReAM

Start at: 2018-01-31 21:28:56
End at: 2018-01-31 21:29:26
Local clock offset: 1.261 ms
Remote clock offset: -1.748 ms

# Below is generated by plot.py at 2018-02-01 06:30:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 23.754 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.764 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.715 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.726 ms
Loss rate: 0.35%
```

Run 1: Report of SReAM — Data Link

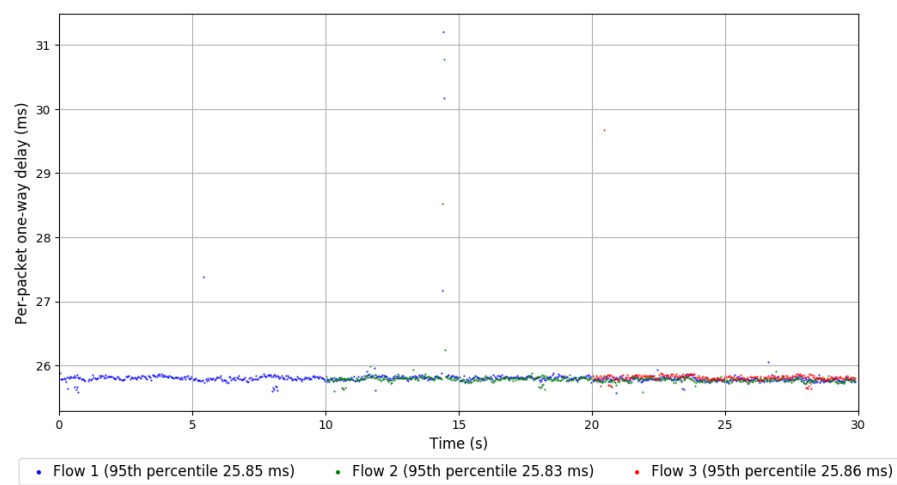
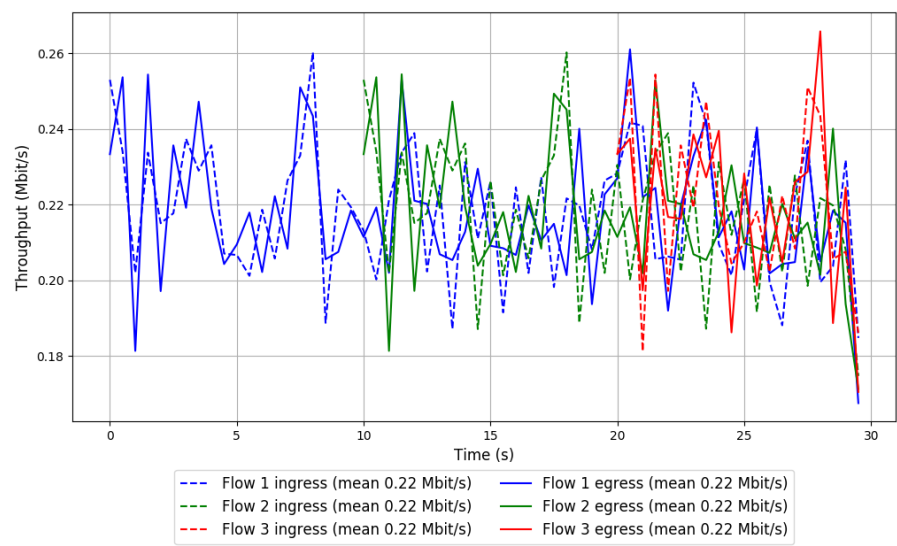


Run 2: Statistics of SReAM

Start at: 2018-01-31 21:53:47
End at: 2018-01-31 21:54:17
Local clock offset: 1.353 ms
Remote clock offset: -3.498 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 25.849 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.848 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.834 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.861 ms
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link

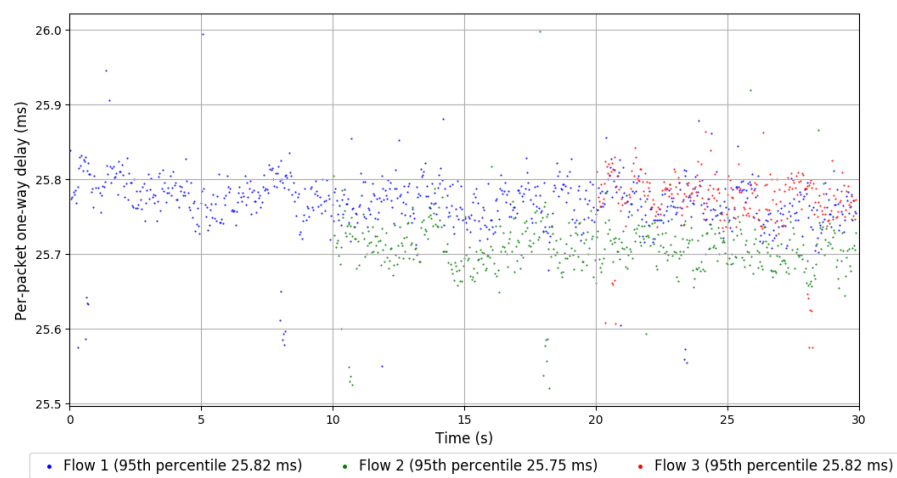
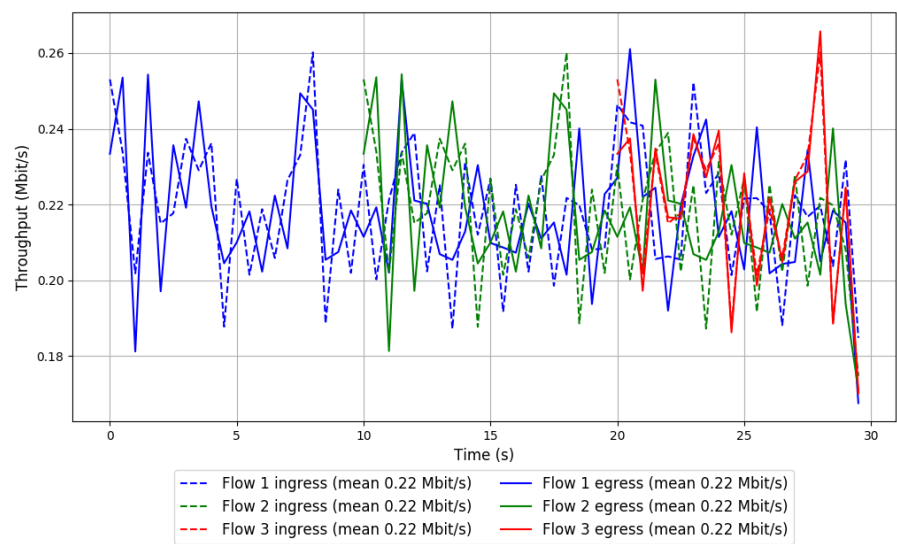


Run 3: Statistics of SReAM

Start at: 2018-01-31 22:18:22
End at: 2018-01-31 22:18:52
Local clock offset: 1.429 ms
Remote clock offset: -3.357 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 25.811 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.815 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.753 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.820 ms
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: 2018-01-31 22:43:27

End at: 2018-01-31 22:43:57

Local clock offset: 1.592 ms

Remote clock offset: -0.45 ms

Below is generated by plot.py at 2018-02-01 06:30:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 23.241 ms

Loss rate: 0.32%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.249 ms

Loss rate: 0.26%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.218 ms

Loss rate: 0.40%

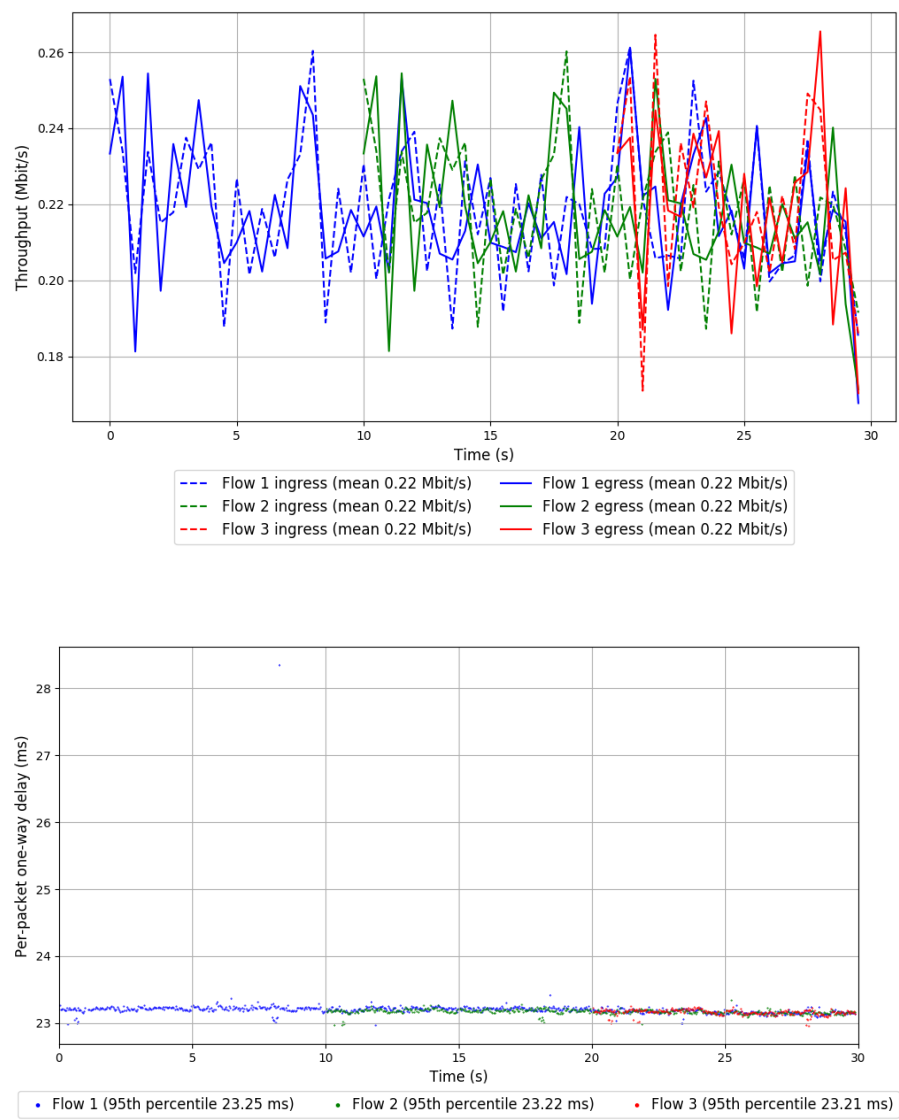
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.213 ms

Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

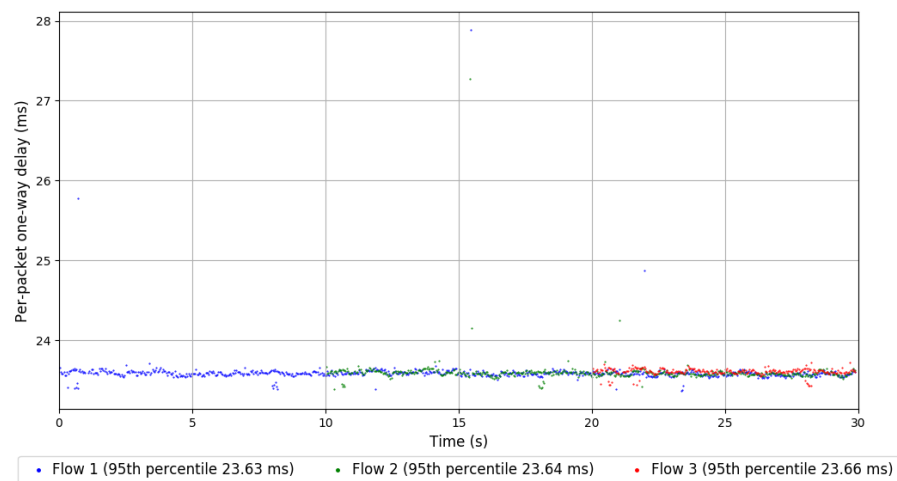
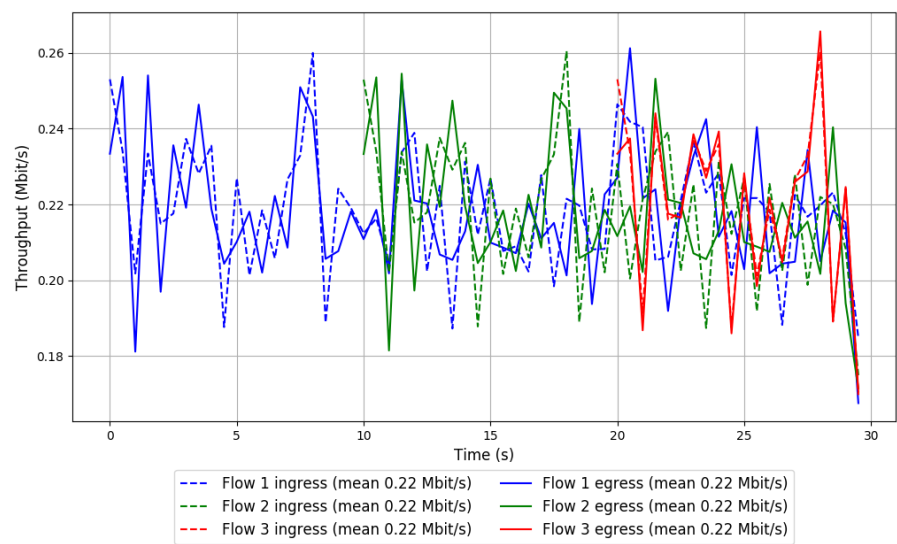


Run 5: Statistics of SReAM

Start at: 2018-01-31 23:08:06
End at: 2018-01-31 23:08:36
Local clock offset: 1.578 ms
Remote clock offset: -0.581 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 23.641 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.632 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.640 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.657 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

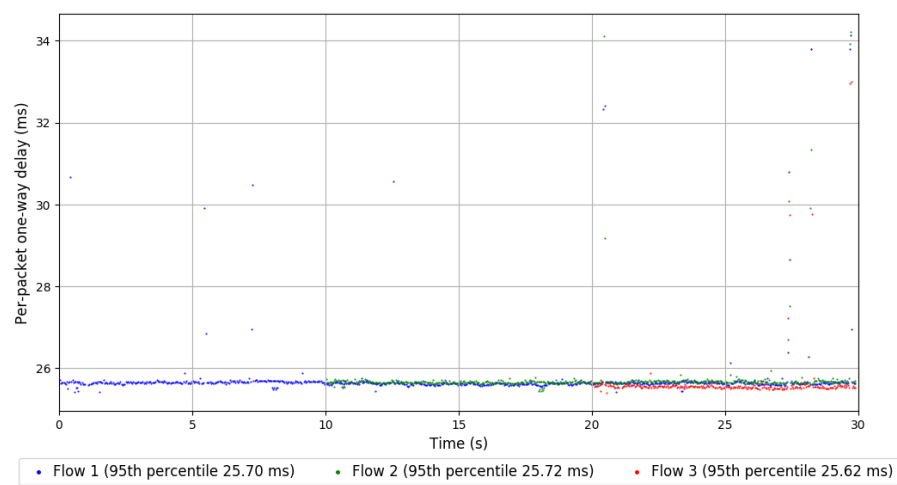
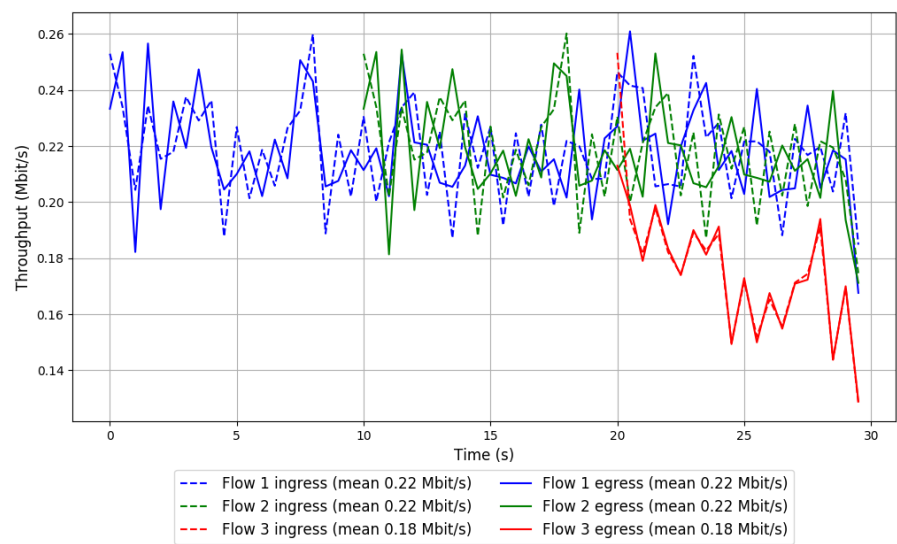


Run 6: Statistics of SReAM

Start at: 2018-01-31 23:32:40
End at: 2018-01-31 23:33:10
Local clock offset: 1.505 ms
Remote clock offset: -2.404 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 25.710 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.695 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.724 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 25.621 ms
Loss rate: 0.92%

Run 6: Report of SReAM — Data Link

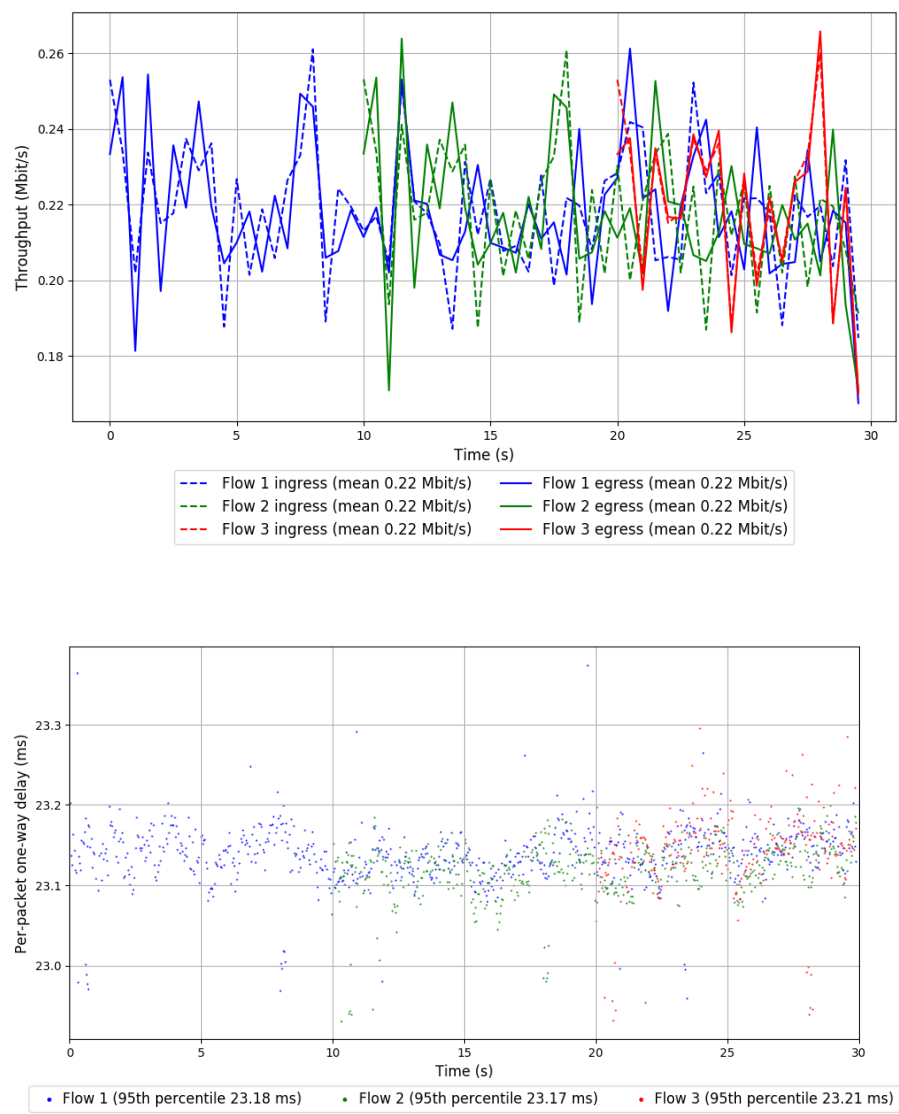


Run 7: Statistics of SReAM

Start at: 2018-01-31 23:57:48
End at: 2018-01-31 23:58:18
Local clock offset: 1.576 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 23.183 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.183 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.166 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.215 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

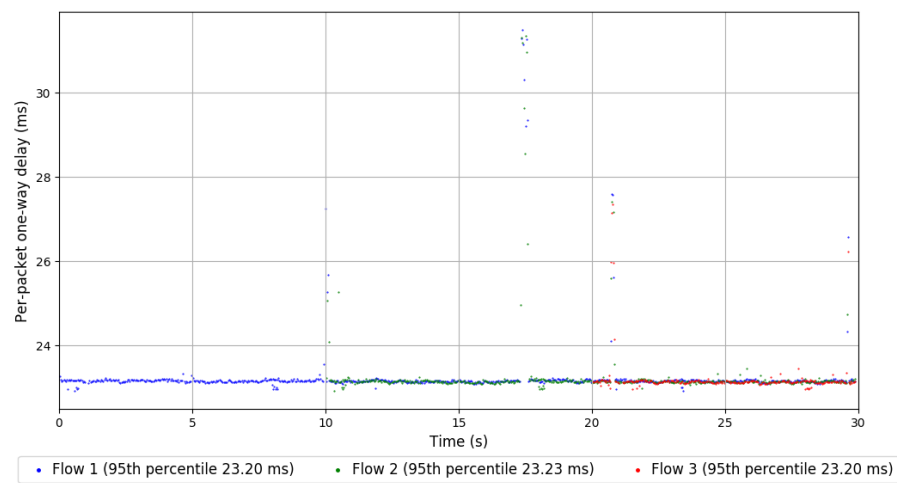
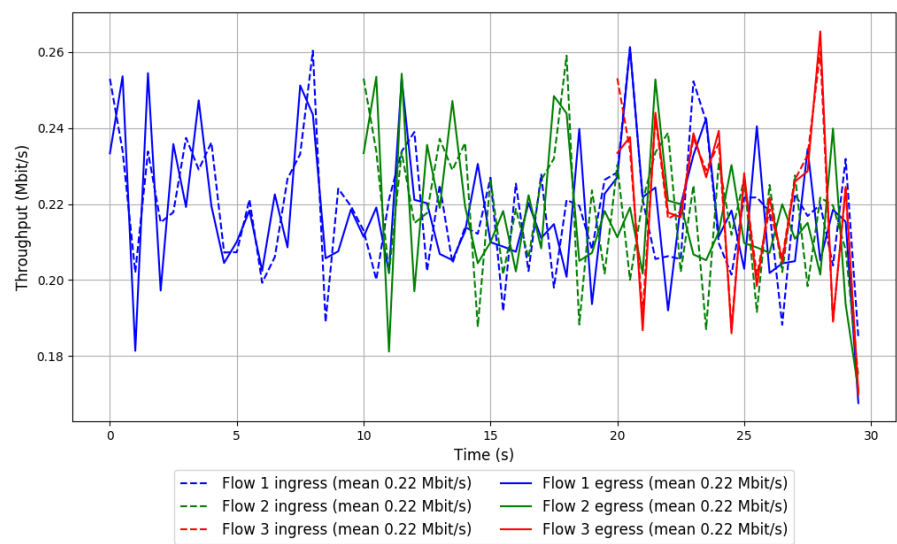


Run 8: Statistics of SReAM

Start at: 2018-02-01 00:22:43
End at: 2018-02-01 00:23:13
Local clock offset: 1.542 ms
Remote clock offset: -0.299 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 23.200 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.196 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.228 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.196 ms
Loss rate: 0.35%

Run 8: Report of SReAM — Data Link

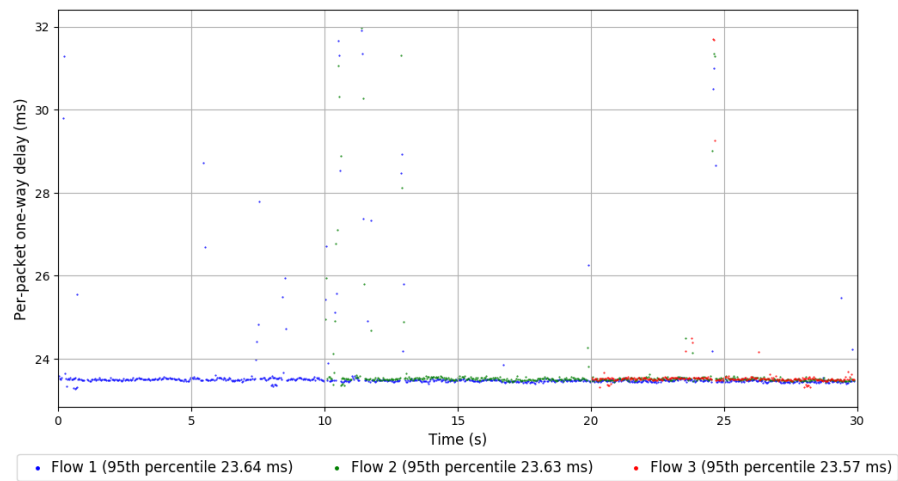
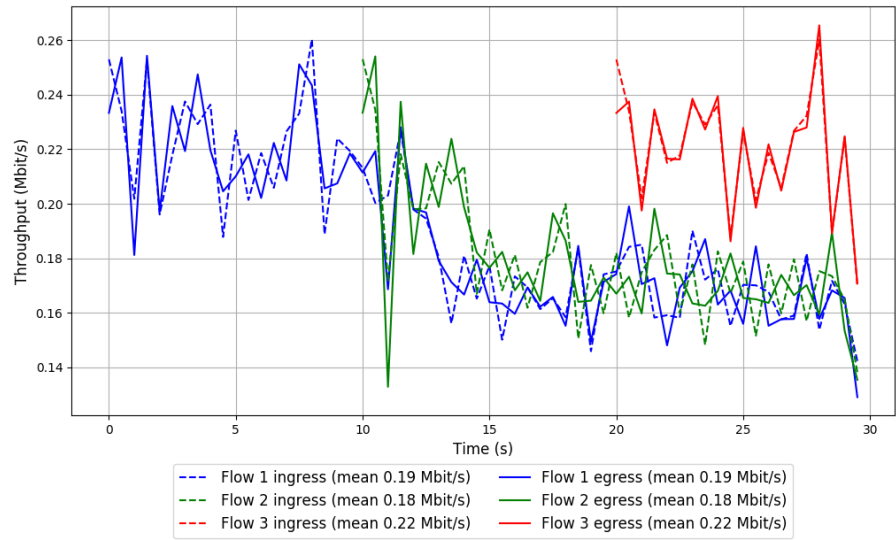


Run 9: Statistics of SCReAM

Start at: 2018-02-01 00:47:44
End at: 2018-02-01 00:48:14
Local clock offset: 1.469 ms
Remote clock offset: -0.912 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 23.615 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 23.643 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 23.634 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.567 ms
Loss rate: 0.35%

Run 9: Report of SCRaM — Data Link

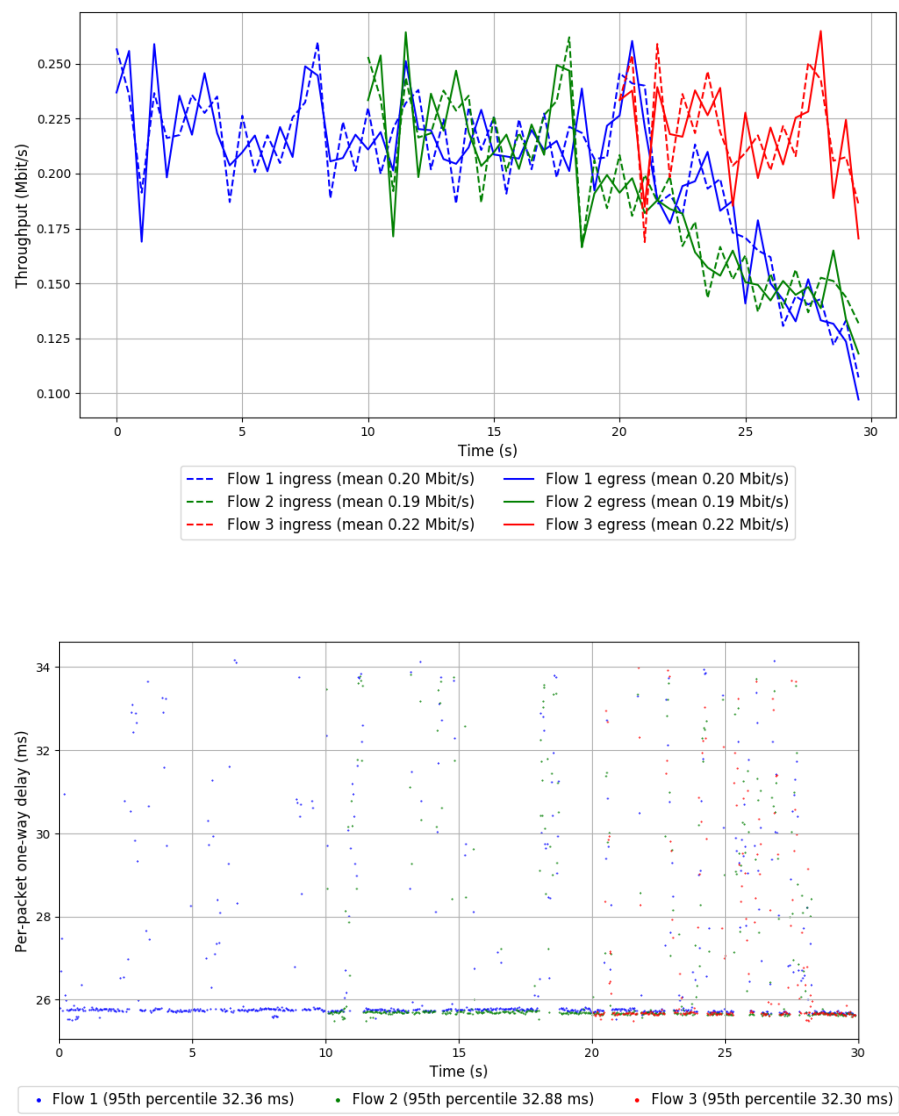


Run 10: Statistics of SCReAM

Start at: 2018-02-01 01:13:19
End at: 2018-02-01 01:13:49
Local clock offset: 1.53 ms
Remote clock offset: -3.036 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 32.572 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 32.364 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 32.879 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.296 ms
Loss rate: 0.36%

Run 10: Report of SCRaM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-01-31 21:42:54

End at: 2018-01-31 21:43:24

Local clock offset: 1.337 ms

Remote clock offset: -0.94 ms

Below is generated by plot.py at 2018-02-01 06:30:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.29 Mbit/s

95th percentile per-packet one-way delay: 24.004 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 23.878 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 1.42 Mbit/s

95th percentile per-packet one-way delay: 24.111 ms

Loss rate: 0.50%

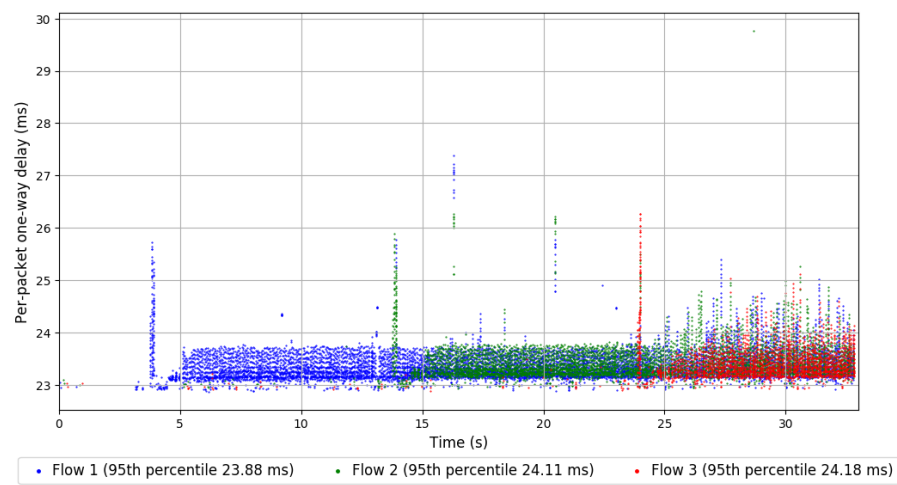
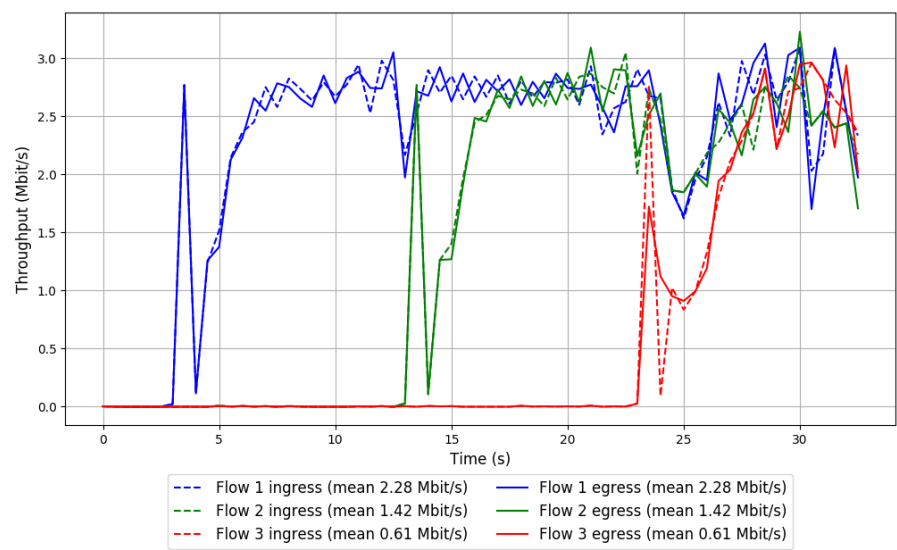
-- Flow 3:

Average throughput: 0.61 Mbit/s

95th percentile per-packet one-way delay: 24.176 ms

Loss rate: 0.87%

Run 1: Report of WebRTC media — Data Link

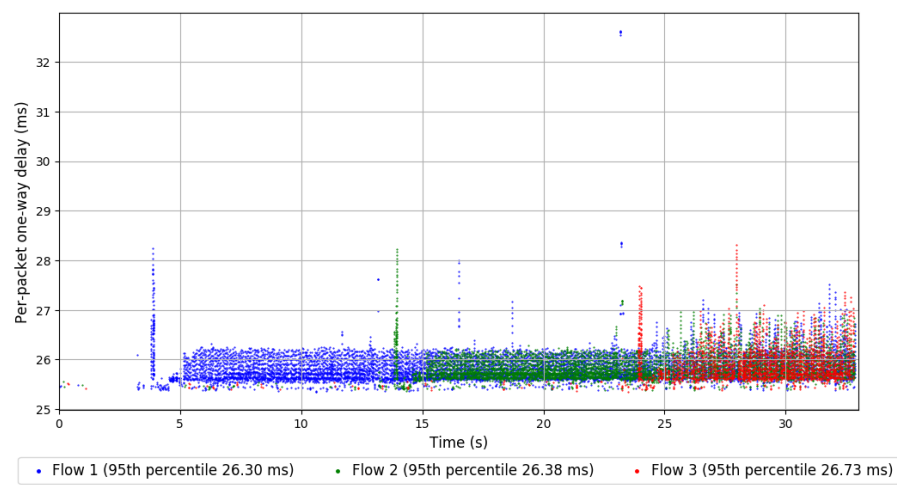
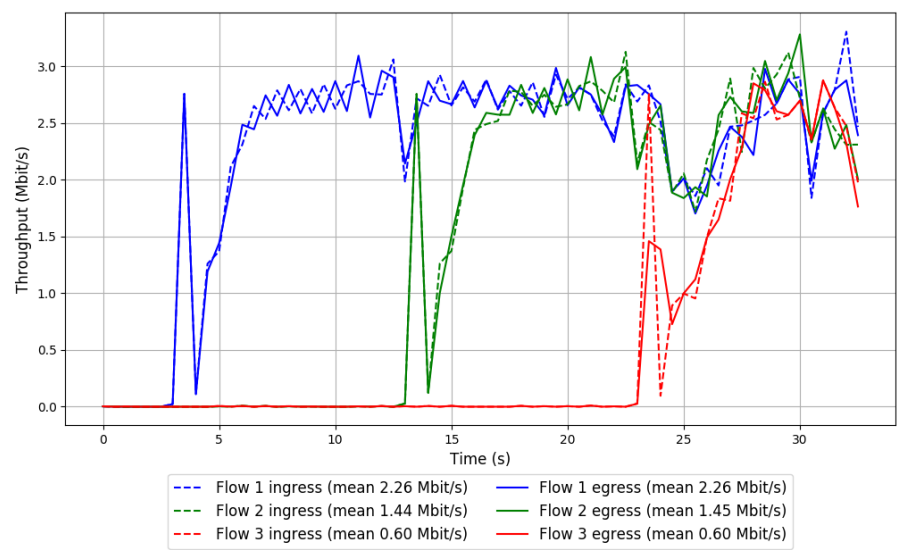


Run 2: Statistics of WebRTC media

Start at: 2018-01-31 22:07:28
End at: 2018-01-31 22:07:58
Local clock offset: 1.346 ms
Remote clock offset: -3.288 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 26.423 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 26.300 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 26.376 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 26.728 ms
Loss rate: 0.94%

Run 2: Report of WebRTC media — Data Link

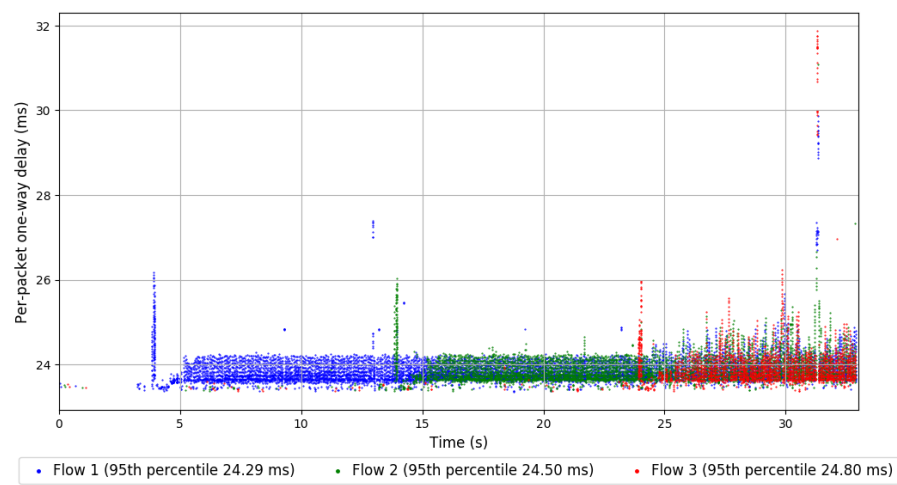
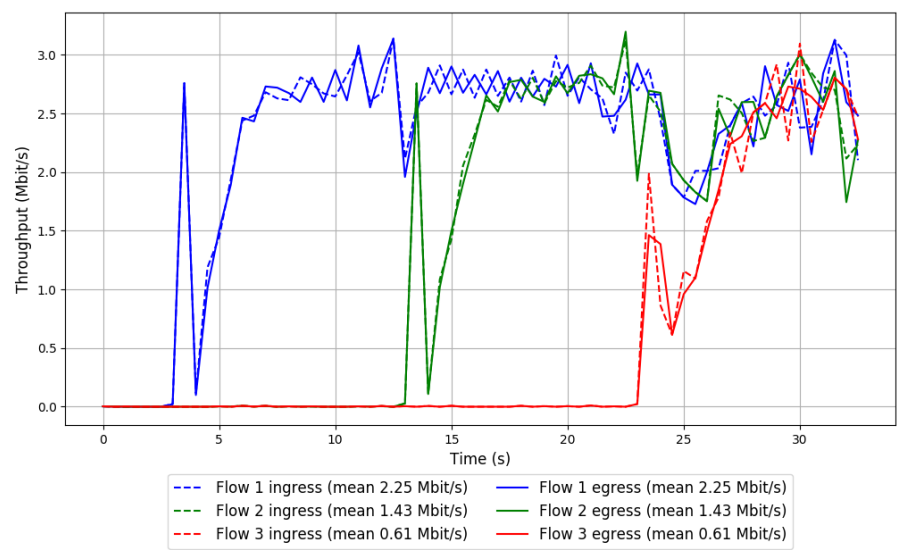


Run 3: Statistics of WebRTC media

Start at: 2018-01-31 22:32:25
End at: 2018-01-31 22:32:55
Local clock offset: 1.558 ms
Remote clock offset: -1.043 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 24.464 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 24.287 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 24.500 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 24.805 ms
Loss rate: 0.49%

Run 3: Report of WebRTC media — Data Link

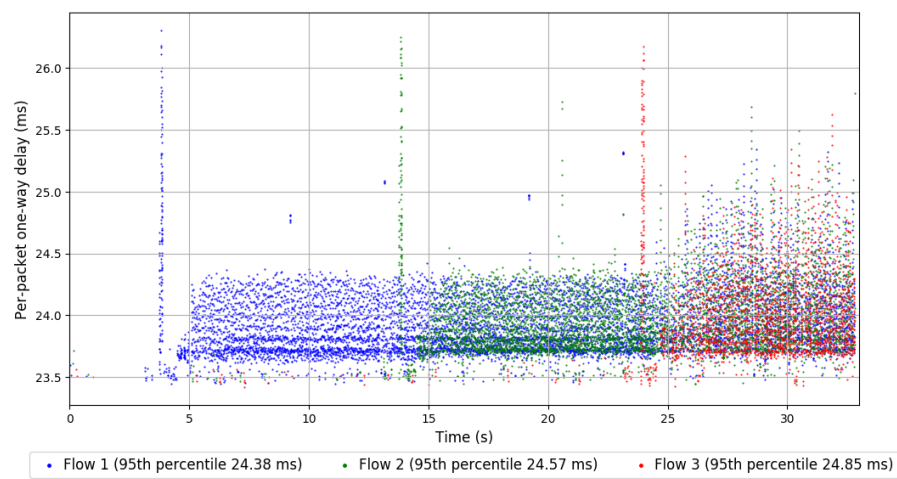
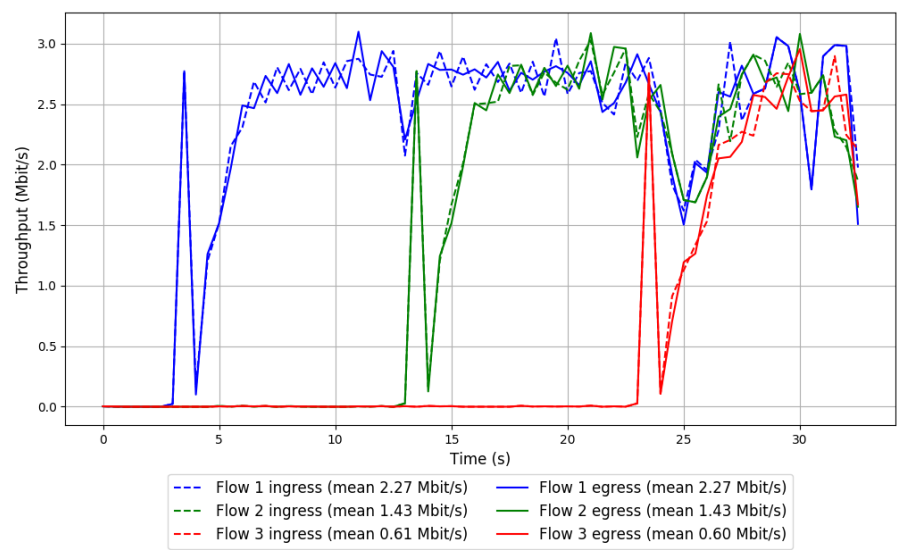


Run 4: Statistics of WebRTC media

Start at: 2018-01-31 22:57:08
End at: 2018-01-31 22:57:38
Local clock offset: 1.564 ms
Remote clock offset: -0.843 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.29 Mbit/s
95th percentile per-packet one-way delay: 24.555 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 24.379 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 24.565 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 24.851 ms
Loss rate: 1.14%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-01-31 23:21:47

End at: 2018-01-31 23:22:17

Local clock offset: 1.592 ms

Remote clock offset: -2.52 ms

Below is generated by plot.py at 2018-02-01 06:30:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.28 Mbit/s

95th percentile per-packet one-way delay: 26.472 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 26.347 ms

Loss rate: 0.30%

-- Flow 2:

Average throughput: 1.43 Mbit/s

95th percentile per-packet one-way delay: 26.408 ms

Loss rate: 0.35%

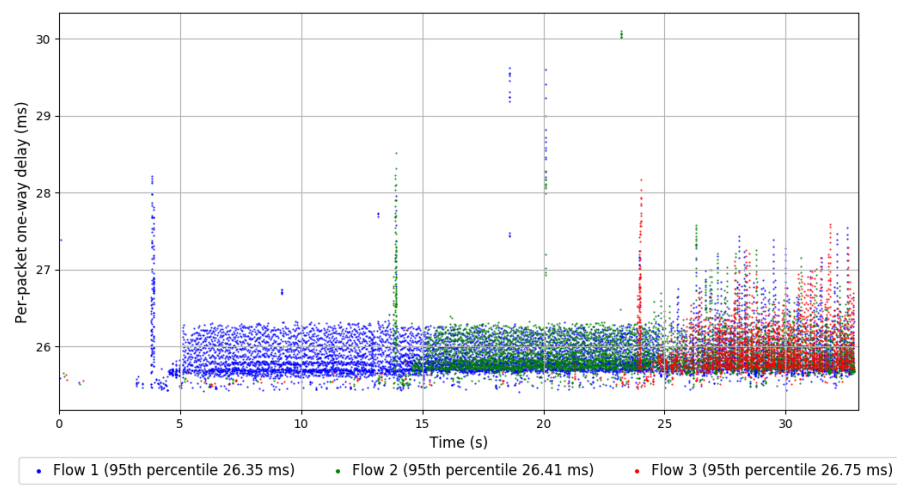
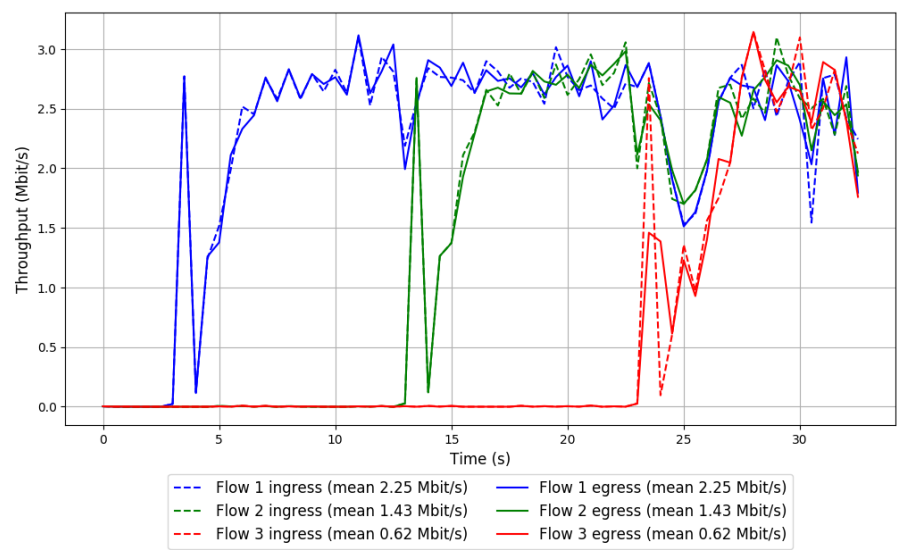
-- Flow 3:

Average throughput: 0.62 Mbit/s

95th percentile per-packet one-way delay: 26.752 ms

Loss rate: 0.90%

Run 5: Report of WebRTC media — Data Link

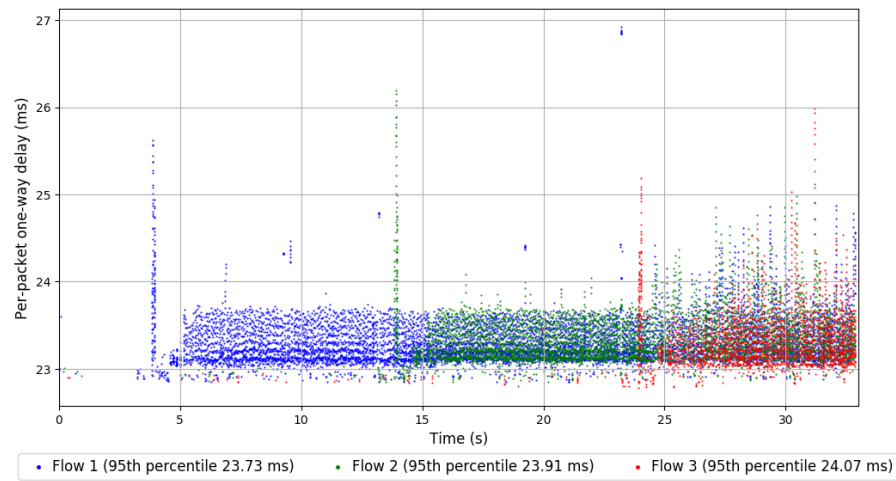
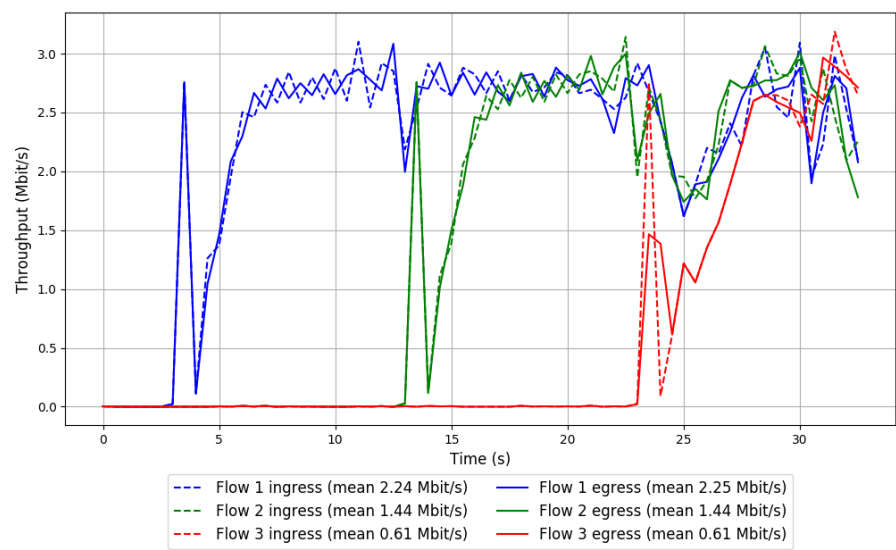


Run 6: Statistics of WebRTC media

Start at: 2018-01-31 23:46:38
End at: 2018-01-31 23:47:08
Local clock offset: 1.5 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 23.867 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 23.731 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 23.906 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 24.070 ms
Loss rate: 0.74%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-02-01 00:11:32

End at: 2018-02-01 00:12:02

Local clock offset: 1.47 ms

Remote clock offset: -0.74 ms

Below is generated by plot.py at 2018-02-01 06:30:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.96 Mbit/s

95th percentile per-packet one-way delay: 25.297 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 2.58 Mbit/s

95th percentile per-packet one-way delay: 25.699 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 1.67 Mbit/s

95th percentile per-packet one-way delay: 25.149 ms

Loss rate: 0.29%

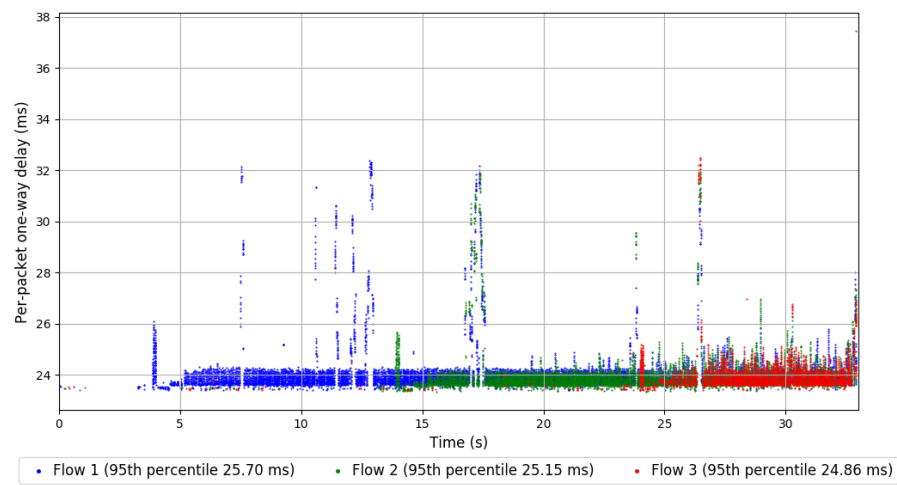
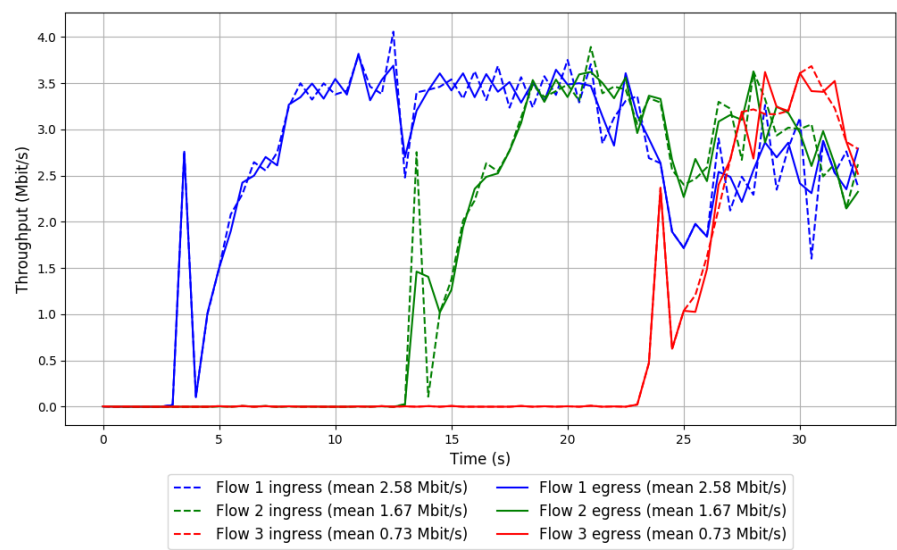
-- Flow 3:

Average throughput: 0.73 Mbit/s

95th percentile per-packet one-way delay: 24.862 ms

Loss rate: 0.68%

Run 7: Report of WebRTC media — Data Link

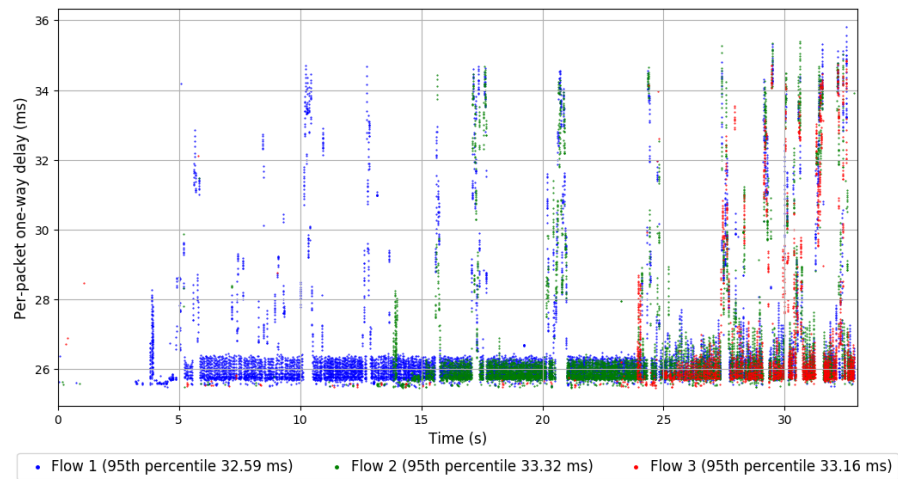
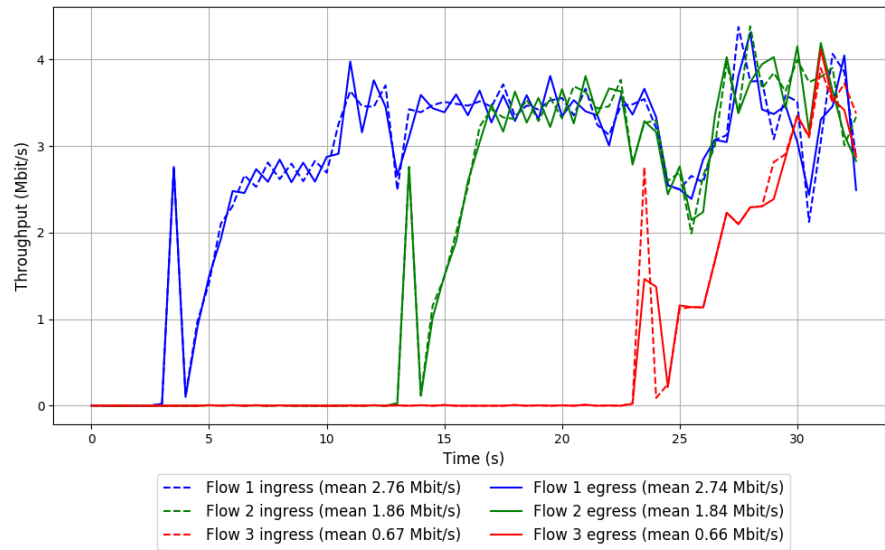


Run 8: Statistics of WebRTC media

Start at: 2018-02-01 00:36:45
End at: 2018-02-01 00:37:15
Local clock offset: 1.526 ms
Remote clock offset: -2.998 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: 33.028 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 2.74 Mbit/s
95th percentile per-packet one-way delay: 32.594 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 33.324 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 33.164 ms
Loss rate: 2.31%

Run 8: Report of WebRTC media — Data Link

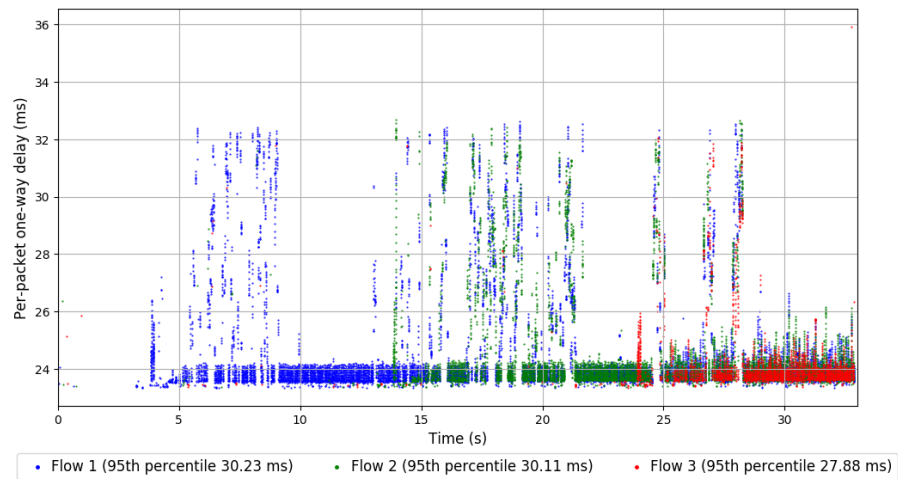
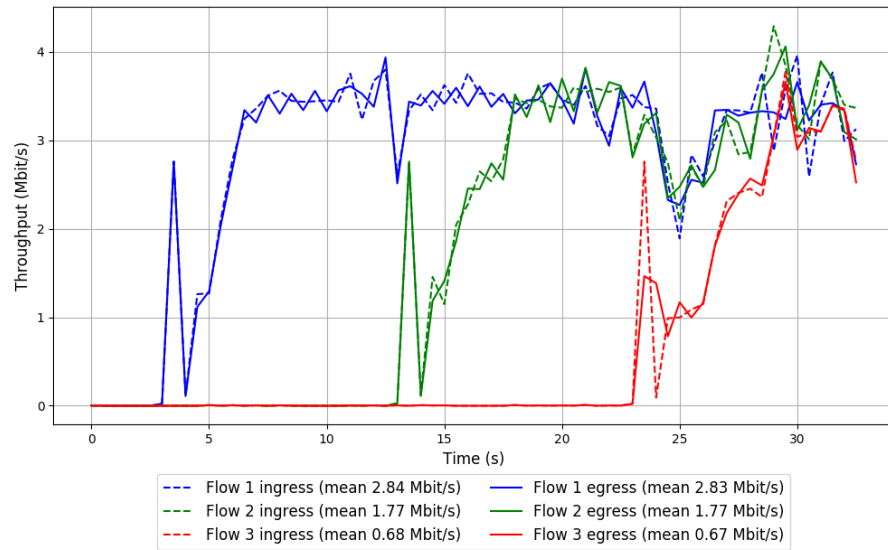


Run 9: Statistics of WebRTC media

Start at: 2018-02-01 01:01:50
End at: 2018-02-01 01:02:20
Local clock offset: 1.465 ms
Remote clock offset: -1.081 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.25 Mbit/s
95th percentile per-packet one-way delay: 29.970 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 30.229 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 30.105 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 27.879 ms
Loss rate: 1.15%

Run 9: Report of WebRTC media — Data Link

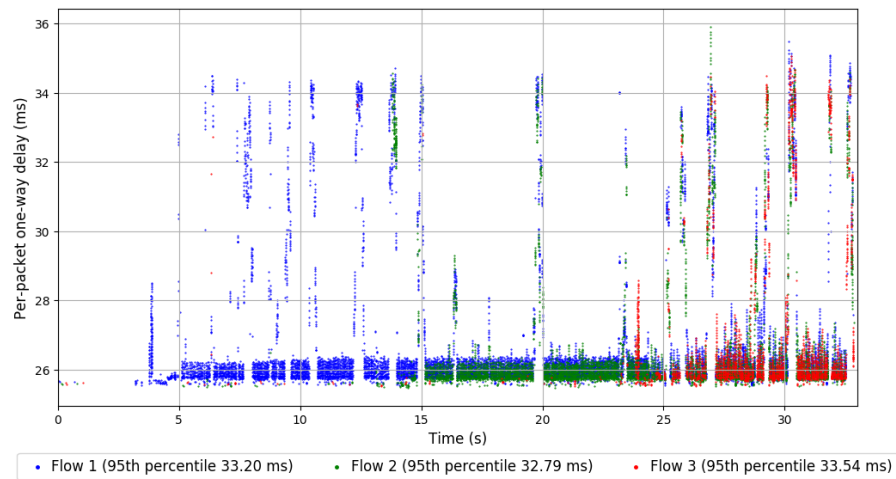
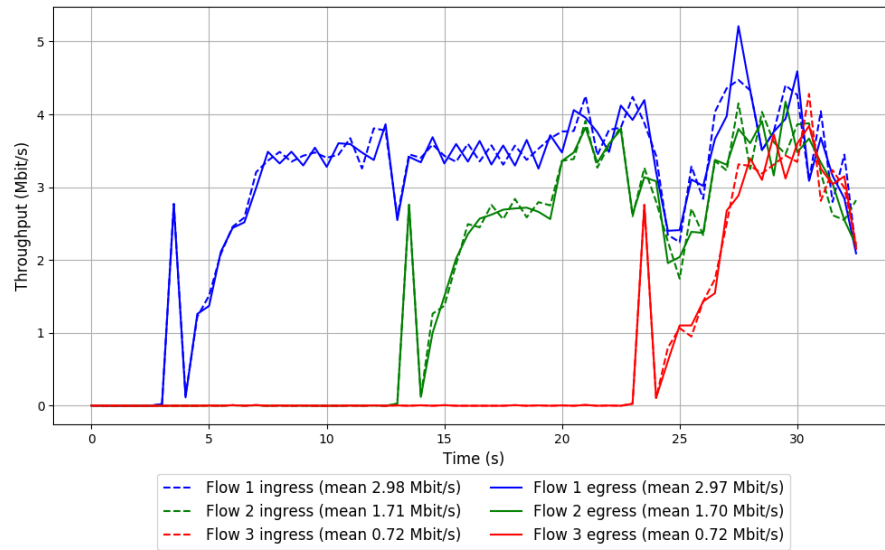


Run 10: Statistics of WebRTC media

Start at: 2018-02-01 01:28:35
End at: 2018-02-01 01:29:05
Local clock offset: 1.527 ms
Remote clock offset: -3.076 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 33.154 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 33.199 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 32.791 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 33.537 ms
Loss rate: 0.38%

Run 10: Report of WebRTC media — Data Link

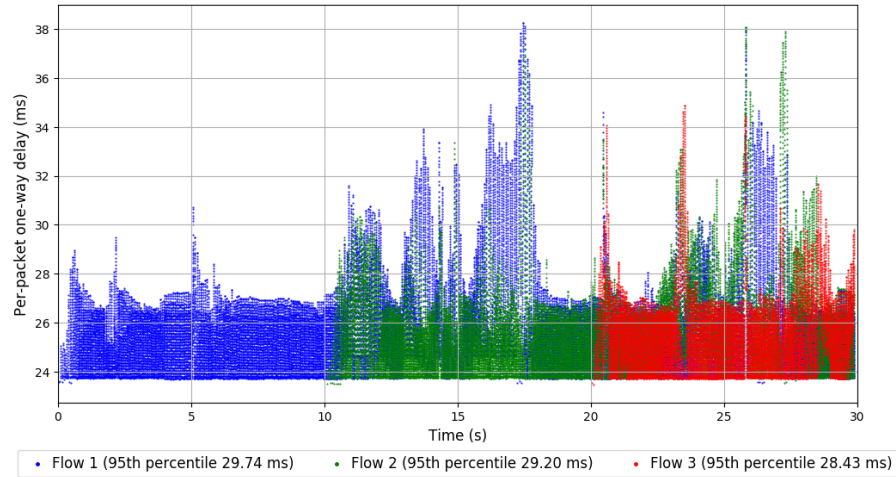
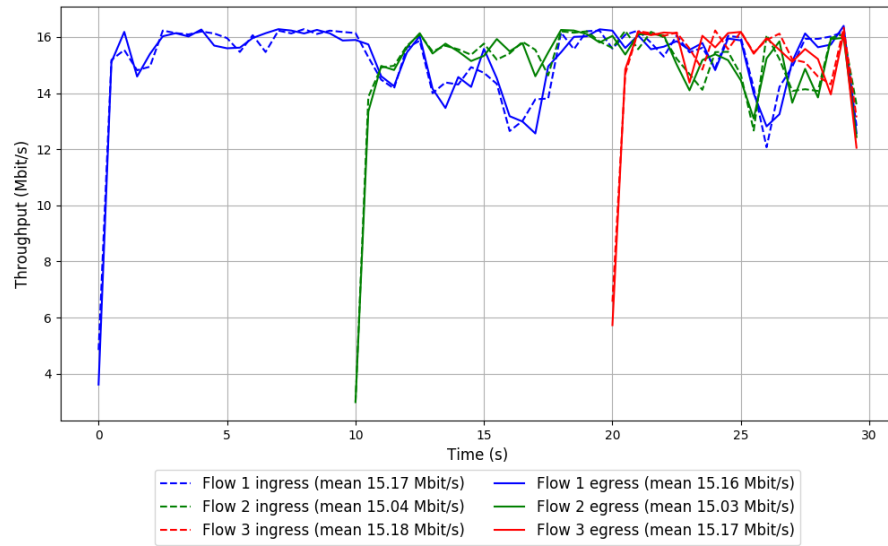


Run 1: Statistics of Sprout

Start at: 2018-01-31 21:41:36
End at: 2018-01-31 21:42:06
Local clock offset: 1.334 ms
Remote clock offset: -1.547 ms

Below is generated by plot.py at 2018-02-01 06:30:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 29.327 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 15.16 Mbit/s
95th percentile per-packet one-way delay: 29.741 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 15.03 Mbit/s
95th percentile per-packet one-way delay: 29.200 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 15.17 Mbit/s
95th percentile per-packet one-way delay: 28.427 ms
Loss rate: 0.63%

Run 1: Report of Sprout — Data Link

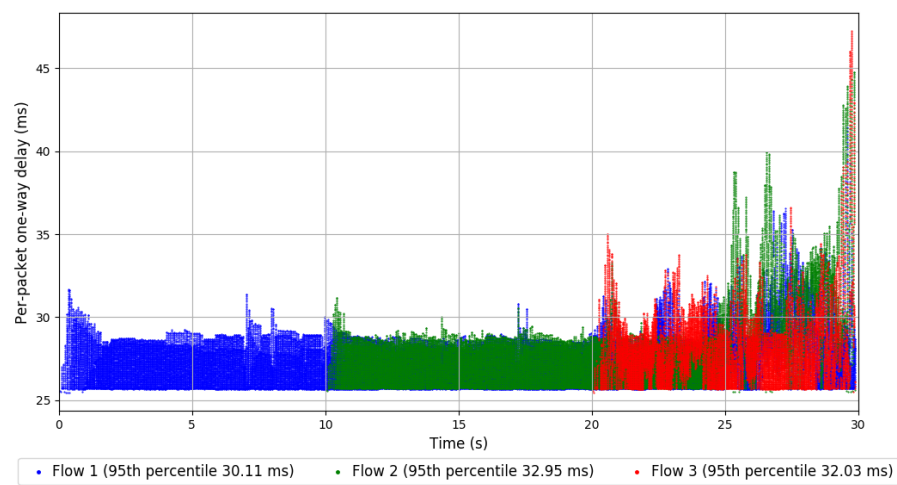
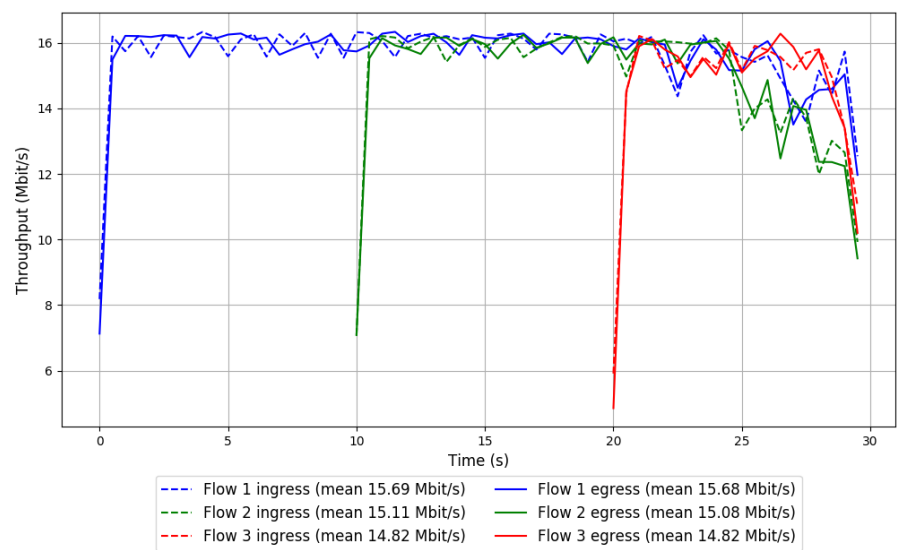


Run 2: Statistics of Sprout

Start at: 2018-01-31 22:06:10
End at: 2018-01-31 22:06:40
Local clock offset: 1.386 ms
Remote clock offset: -3.284 ms

```
# Below is generated by plot.py at 2018-02-01 06:30:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.59 Mbit/s
95th percentile per-packet one-way delay: 31.422 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 15.68 Mbit/s
95th percentile per-packet one-way delay: 30.113 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 15.08 Mbit/s
95th percentile per-packet one-way delay: 32.946 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 14.82 Mbit/s
95th percentile per-packet one-way delay: 32.031 ms
Loss rate: 0.66%
```

Run 2: Report of Sprout — Data Link

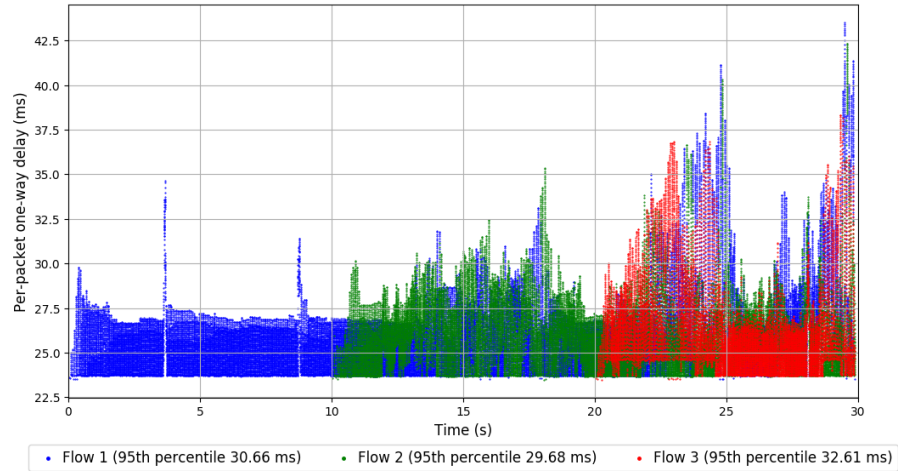
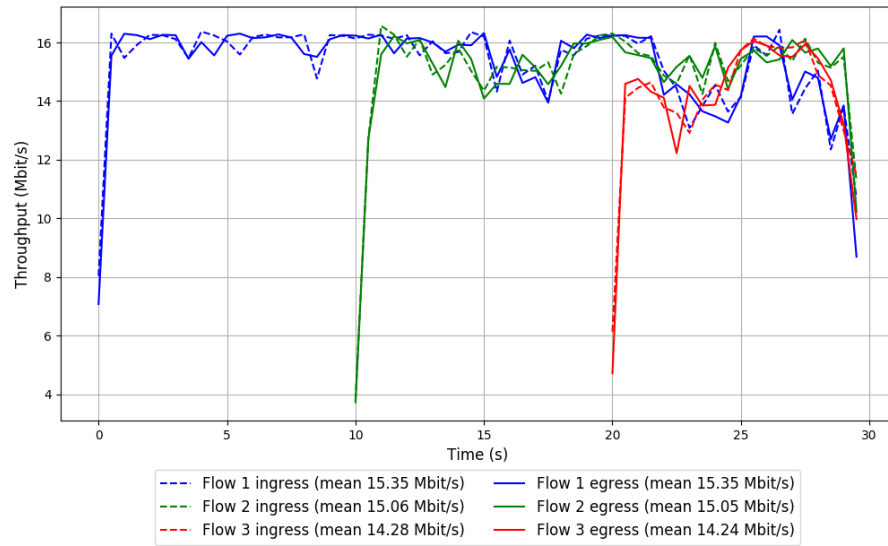


Run 3: Statistics of Sprout

Start at: 2018-01-31 22:31:01
End at: 2018-01-31 22:31:31
Local clock offset: 1.547 ms
Remote clock offset: -1.153 ms

```
# Below is generated by plot.py at 2018-02-01 06:30:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.04 Mbit/s
95th percentile per-packet one-way delay: 30.722 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 30.659 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 15.05 Mbit/s
95th percentile per-packet one-way delay: 29.677 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 14.24 Mbit/s
95th percentile per-packet one-way delay: 32.606 ms
Loss rate: 0.66%
```


Run 3: Report of Sprout — Data Link

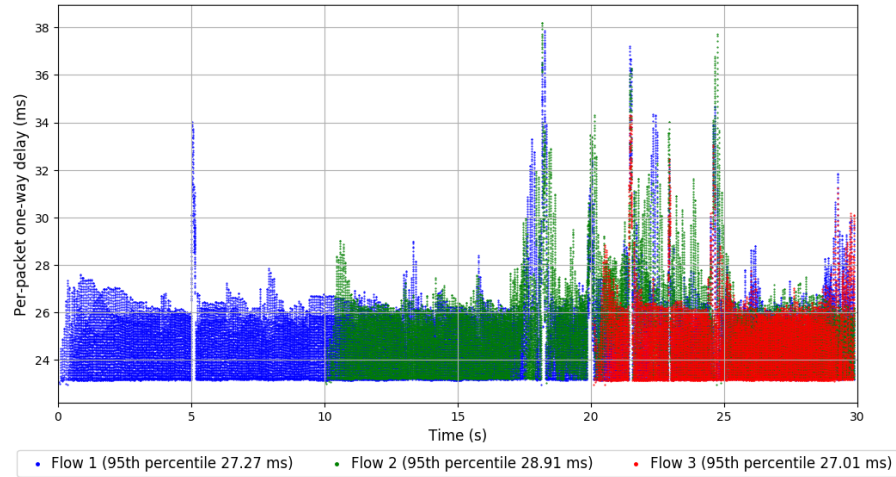
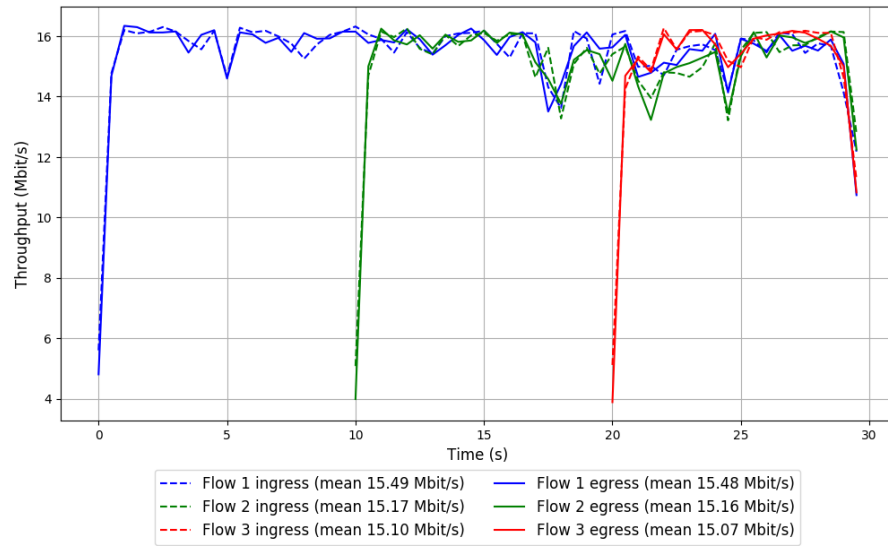


Run 4: Statistics of Sprout

Start at: 2018-01-31 22:55:50
End at: 2018-01-31 22:56:20
Local clock offset: 1.594 ms
Remote clock offset: -0.27 ms

```
# Below is generated by plot.py at 2018-02-01 06:30:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.52 Mbit/s
95th percentile per-packet one-way delay: 27.867 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 27.270 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 15.16 Mbit/s
95th percentile per-packet one-way delay: 28.907 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 15.07 Mbit/s
95th percentile per-packet one-way delay: 27.013 ms
Loss rate: 0.59%
```

Run 4: Report of Sprout — Data Link

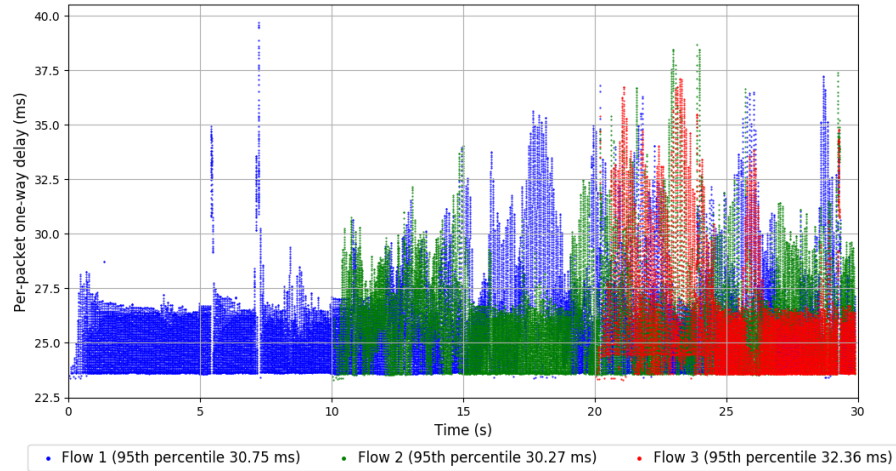
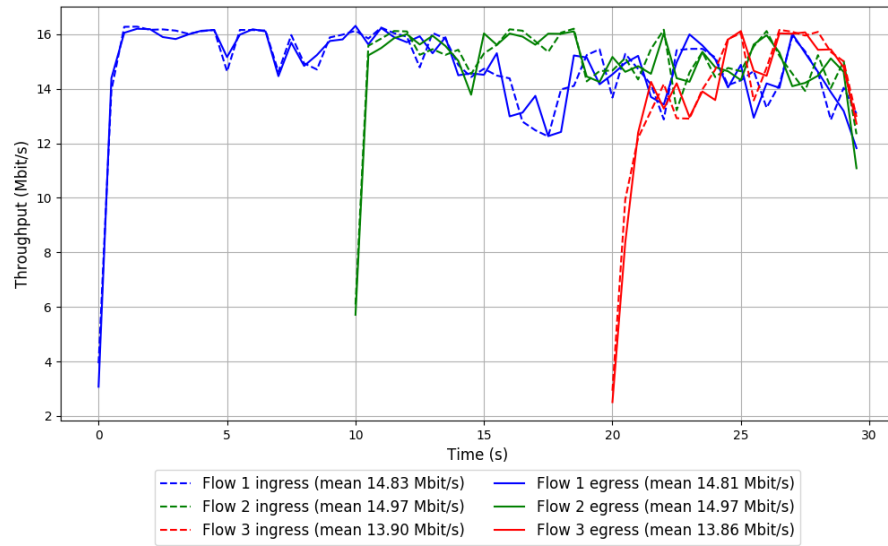


Run 5: Statistics of Sprout

Start at: 2018-01-31 23:20:29
End at: 2018-01-31 23:20:59
Local clock offset: 1.575 ms
Remote clock offset: -0.415 ms

Below is generated by plot.py at 2018-02-01 06:30:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.32 Mbit/s
95th percentile per-packet one-way delay: 30.926 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 14.81 Mbit/s
95th percentile per-packet one-way delay: 30.751 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 30.274 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 13.86 Mbit/s
95th percentile per-packet one-way delay: 32.362 ms
Loss rate: 0.63%

Run 5: Report of Sprout — Data Link

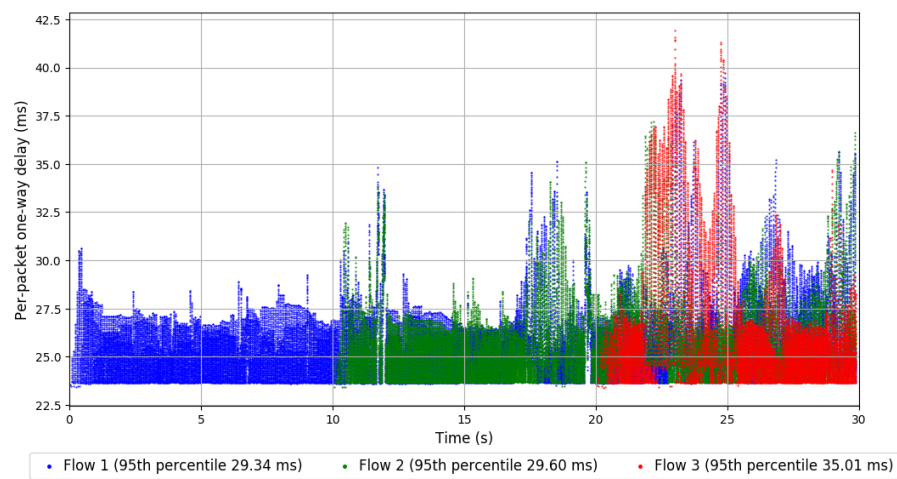
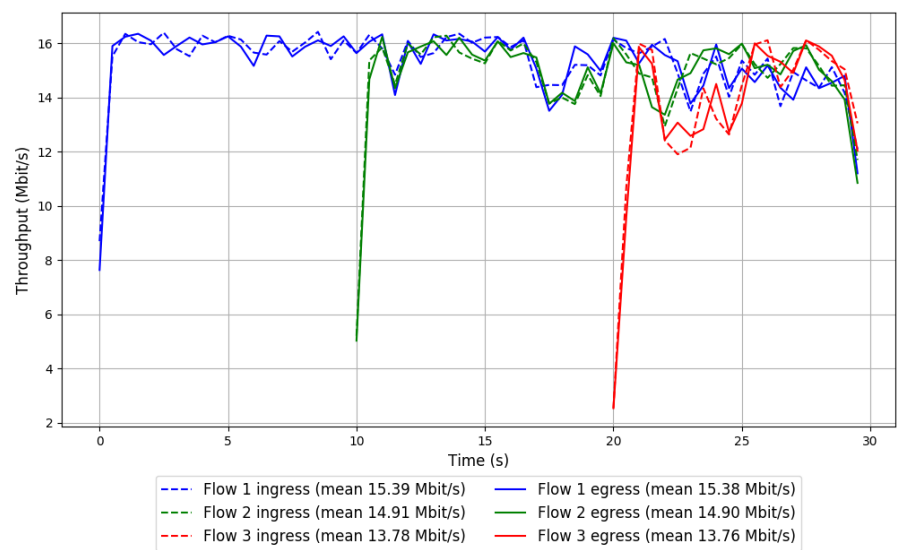


Run 6: Statistics of Sprout

Start at: 2018-01-31 23:45:19
End at: 2018-01-31 23:45:49
Local clock offset: 1.58 ms
Remote clock offset: -0.491 ms

Below is generated by plot.py at 2018-02-01 06:30:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 30.483 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 15.38 Mbit/s
95th percentile per-packet one-way delay: 29.336 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 14.90 Mbit/s
95th percentile per-packet one-way delay: 29.603 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 13.76 Mbit/s
95th percentile per-packet one-way delay: 35.009 ms
Loss rate: 0.64%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-02-01 00:10:14

End at: 2018-02-01 00:10:44

Local clock offset: 1.454 ms

Remote clock offset: -2.71 ms

Below is generated by plot.py at 2018-02-01 06:30:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 29.42 Mbit/s

95th percentile per-packet one-way delay: 33.291 ms

Loss rate: 0.39%

-- Flow 1:

Average throughput: 15.06 Mbit/s

95th percentile per-packet one-way delay: 31.321 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 14.50 Mbit/s

95th percentile per-packet one-way delay: 34.770 ms

Loss rate: 0.53%

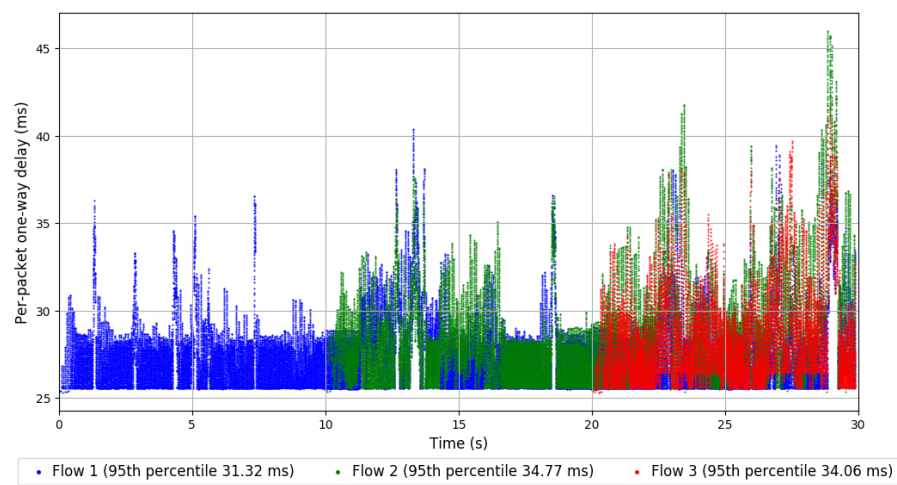
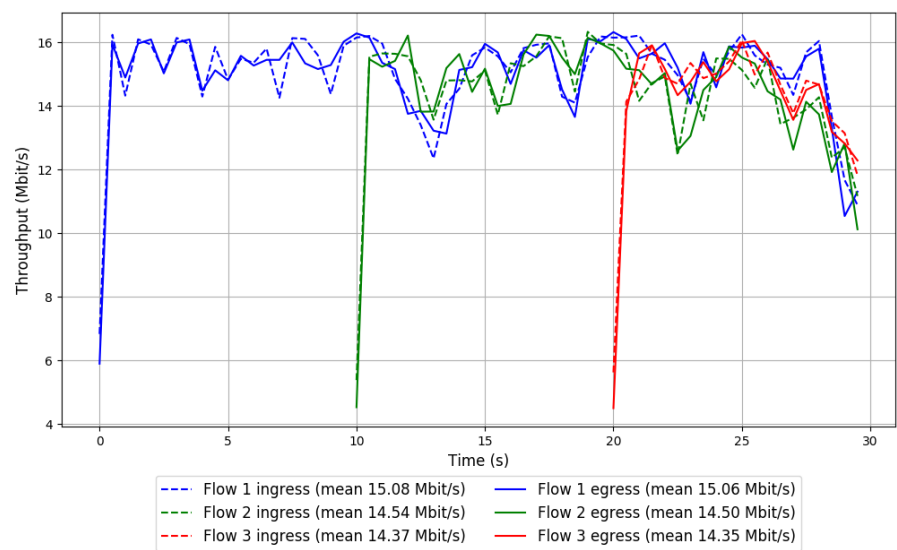
-- Flow 3:

Average throughput: 14.35 Mbit/s

95th percentile per-packet one-way delay: 34.062 ms

Loss rate: 0.51%

Run 7: Report of Sprout — Data Link

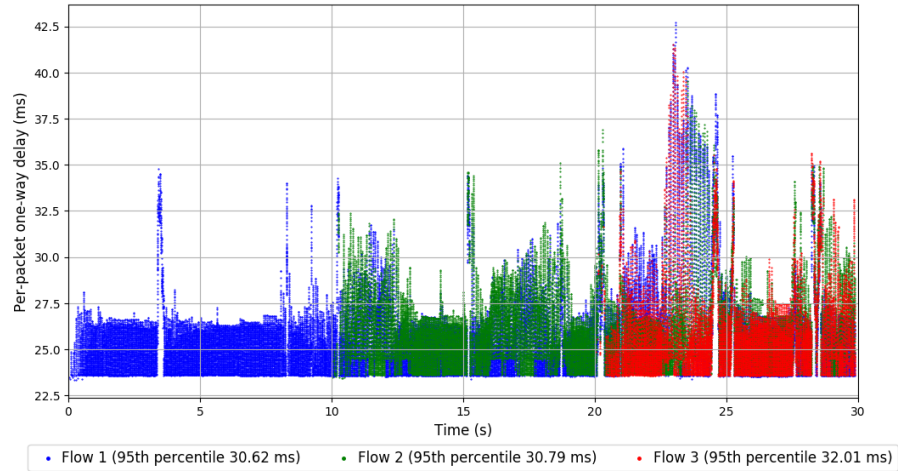
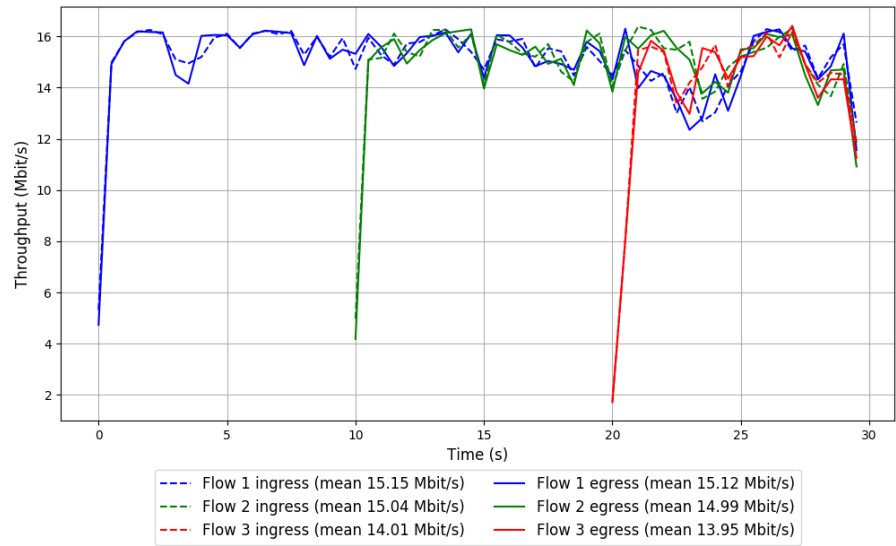


Run 8: Statistics of Sprout

Start at: 2018-02-01 00:35:26
End at: 2018-02-01 00:35:56
Local clock offset: 1.534 ms
Remote clock offset: -0.846 ms

Below is generated by plot.py at 2018-02-01 06:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 30.959 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 30.625 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 14.99 Mbit/s
95th percentile per-packet one-way delay: 30.791 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 13.95 Mbit/s
95th percentile per-packet one-way delay: 32.014 ms
Loss rate: 0.83%

Run 8: Report of Sprout — Data Link

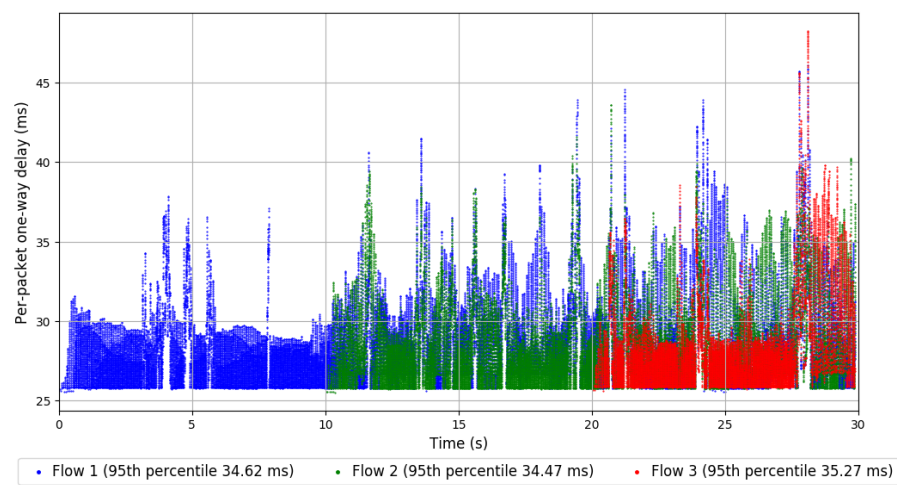
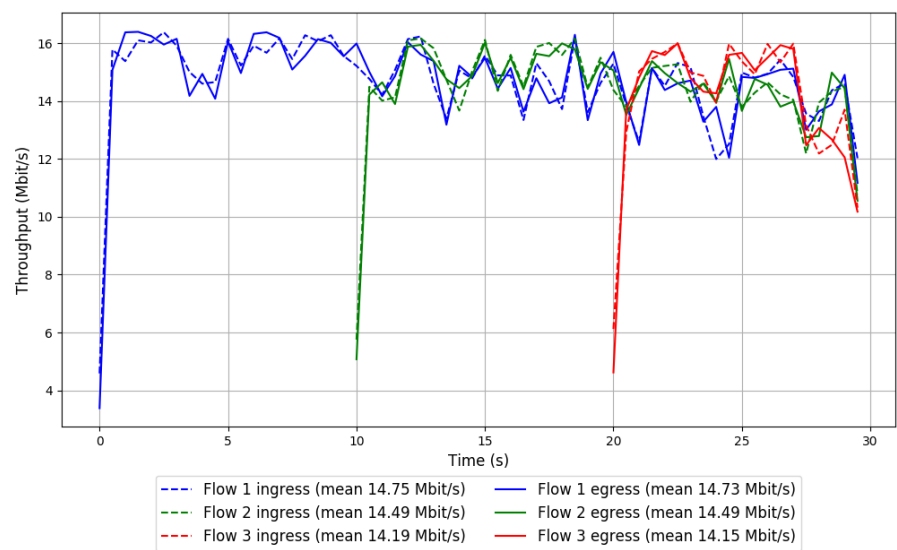


Run 9: Statistics of Sprout

Start at: 2018-02-01 01:00:30
End at: 2018-02-01 01:01:00
Local clock offset: 1.534 ms
Remote clock offset: -3.168 ms

Below is generated by plot.py at 2018-02-01 06:30:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.01 Mbit/s
95th percentile per-packet one-way delay: 34.651 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 14.73 Mbit/s
95th percentile per-packet one-way delay: 34.621 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 14.49 Mbit/s
95th percentile per-packet one-way delay: 34.466 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 14.15 Mbit/s
95th percentile per-packet one-way delay: 35.275 ms
Loss rate: 0.93%

Run 9: Report of Sprout — Data Link

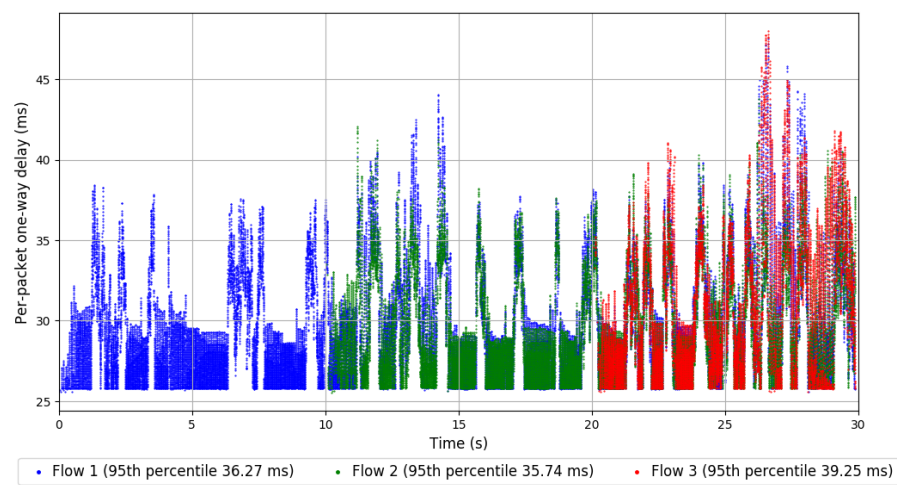
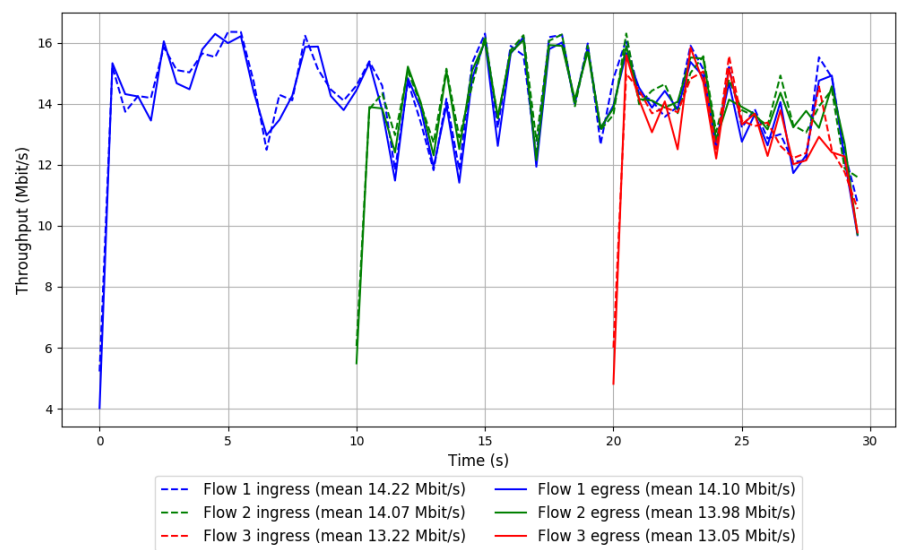


Run 10: Statistics of Sprout

Start at: 2018-02-01 01:27:12
End at: 2018-02-01 01:27:42
Local clock offset: 1.556 ms
Remote clock offset: -3.113 ms

Below is generated by plot.py at 2018-02-01 06:30:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 36.589 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 14.10 Mbit/s
95th percentile per-packet one-way delay: 36.274 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 13.98 Mbit/s
95th percentile per-packet one-way delay: 35.737 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 39.254 ms
Loss rate: 1.78%

Run 10: Report of Sprout — Data Link

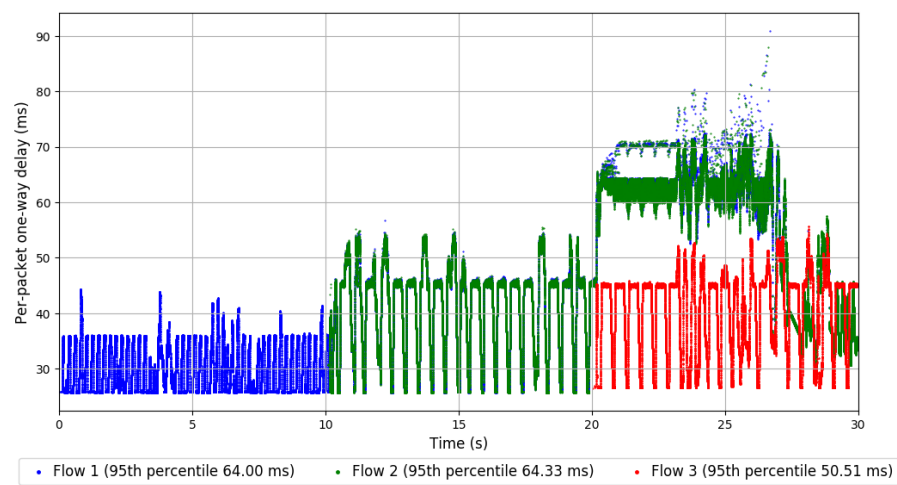
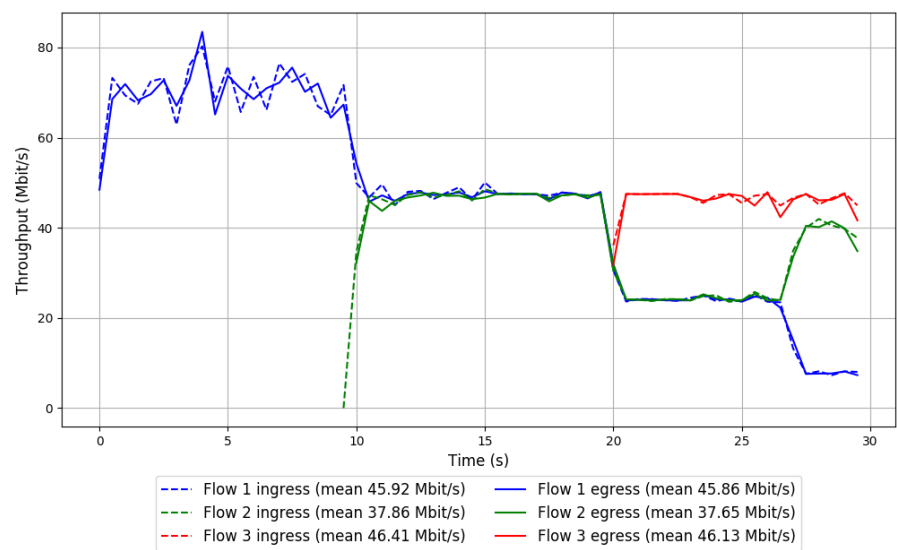


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-31 21:38:47
End at: 2018-01-31 21:39:17
Local clock offset: 1.335 ms
Remote clock offset: -3.682 ms

# Below is generated by plot.py at 2018-02-01 06:32:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.18 Mbit/s
95th percentile per-packet one-way delay: 63.993 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 45.86 Mbit/s
95th percentile per-packet one-way delay: 64.001 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 37.65 Mbit/s
95th percentile per-packet one-way delay: 64.331 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 46.13 Mbit/s
95th percentile per-packet one-way delay: 50.509 ms
Loss rate: 1.15%
```


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

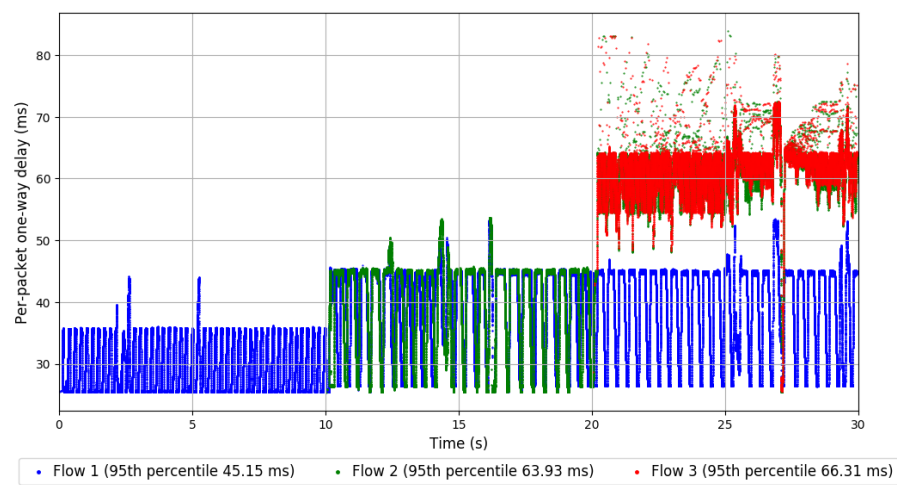
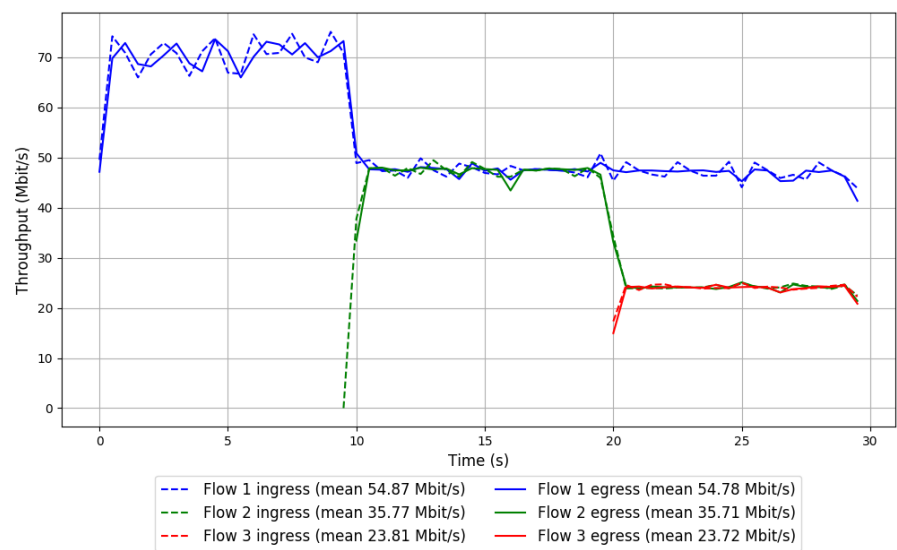


```
Run 2: Statistics of TaoVA-100x

Start at: 2018-01-31 22:03:22
End at: 2018-01-31 22:03:52
Local clock offset: 1.29 ms
Remote clock offset: -3.276 ms

# Below is generated by plot.py at 2018-02-01 06:32:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 63.724 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 54.78 Mbit/s
95th percentile per-packet one-way delay: 45.152 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 63.934 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 66.315 ms
Loss rate: 1.17%
```

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

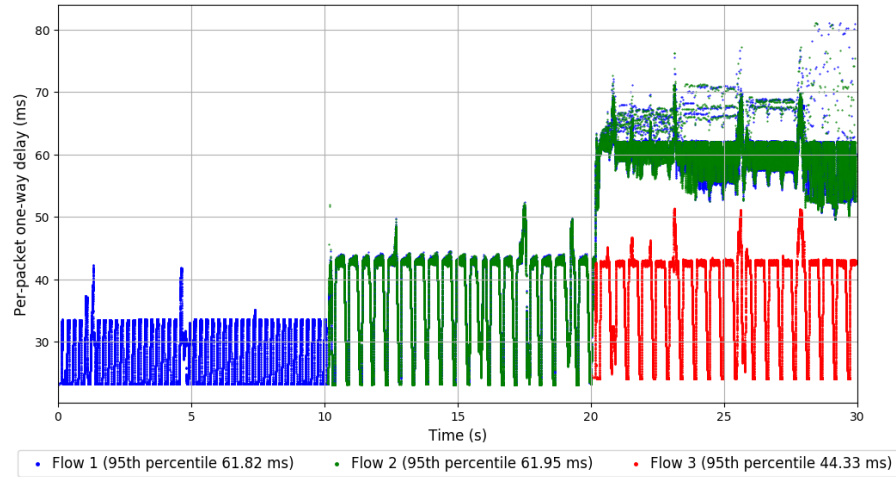
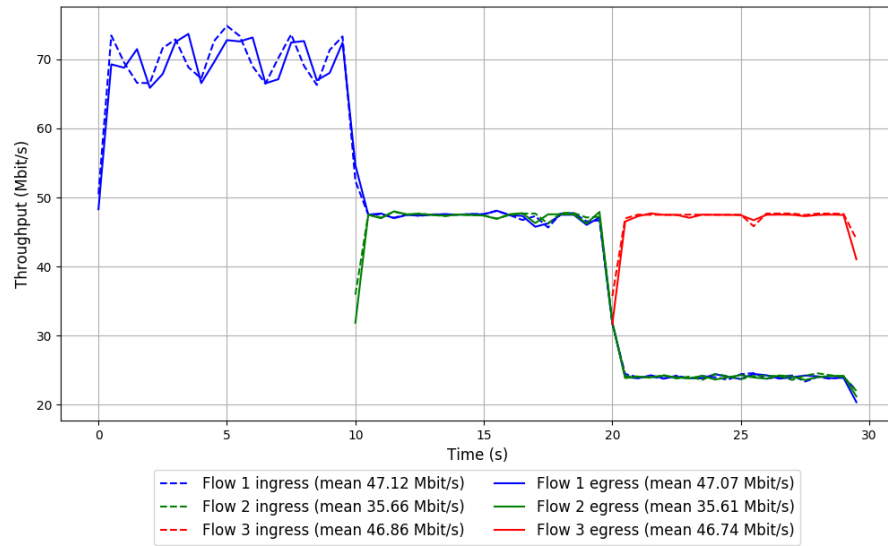


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-31 22:28:07
End at: 2018-01-31 22:28:37
Local clock offset: 1.511 ms
Remote clock offset: -0.735 ms

Below is generated by plot.py at 2018-02-01 06:32:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 61.817 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 47.07 Mbit/s
95th percentile per-packet one-way delay: 61.818 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 35.61 Mbit/s
95th percentile per-packet one-way delay: 61.953 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 44.326 ms
Loss rate: 0.89%

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

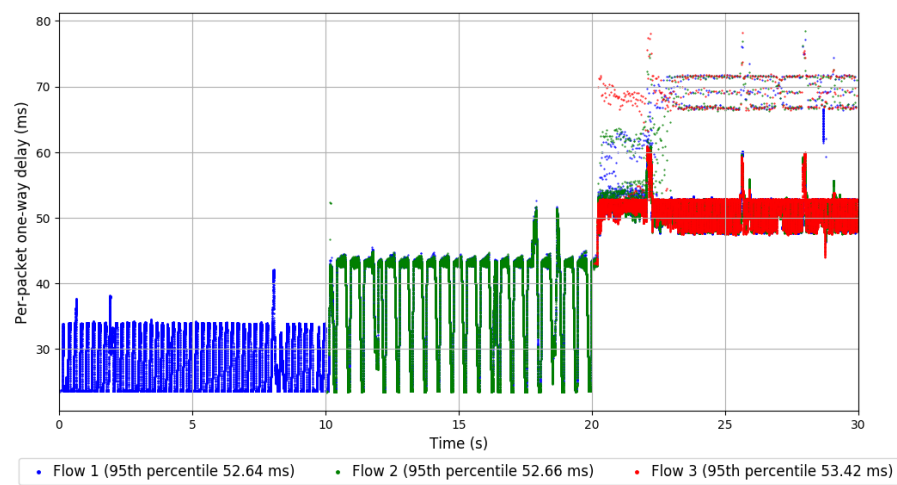
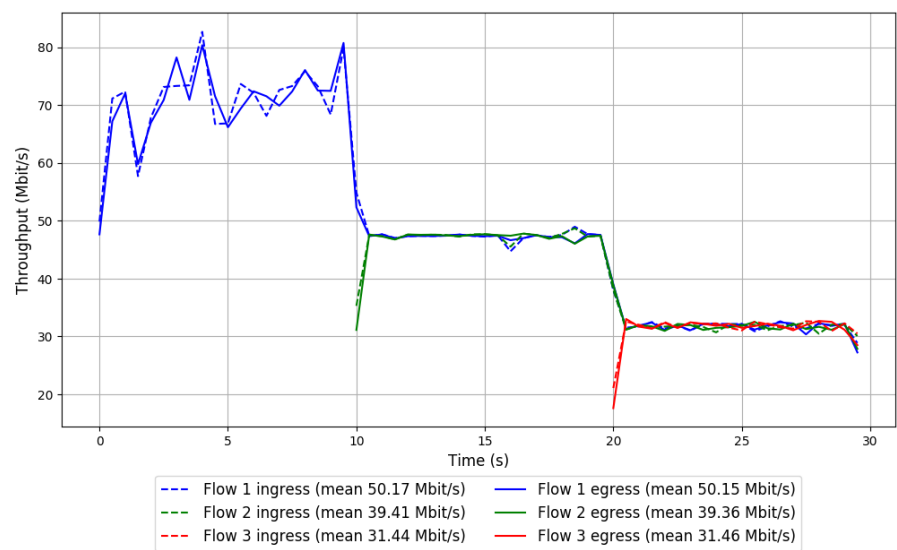


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-31 22:53:04
End at: 2018-01-31 22:53:34
Local clock offset: 1.596 ms
Remote clock offset: -0.753 ms

Below is generated by plot.py at 2018-02-01 06:33:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 52.708 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 52.639 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 39.36 Mbit/s
95th percentile per-packet one-way delay: 52.656 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 53.418 ms
Loss rate: 0.88%

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

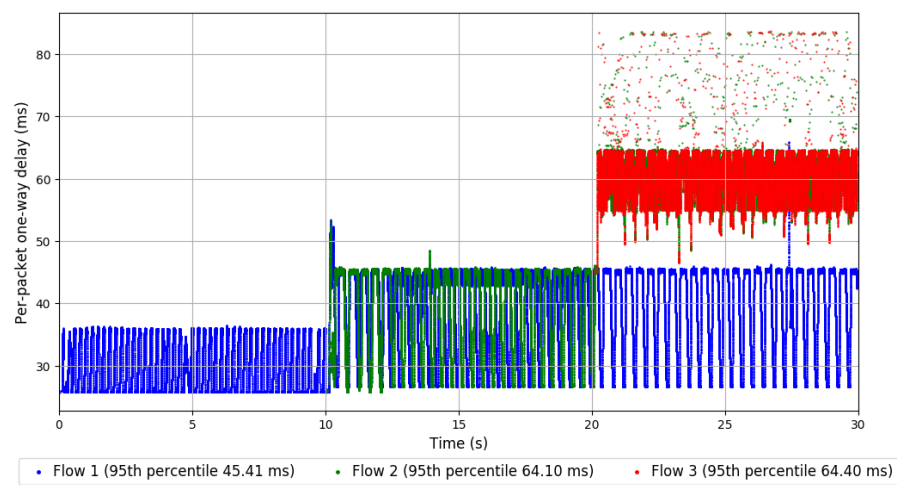
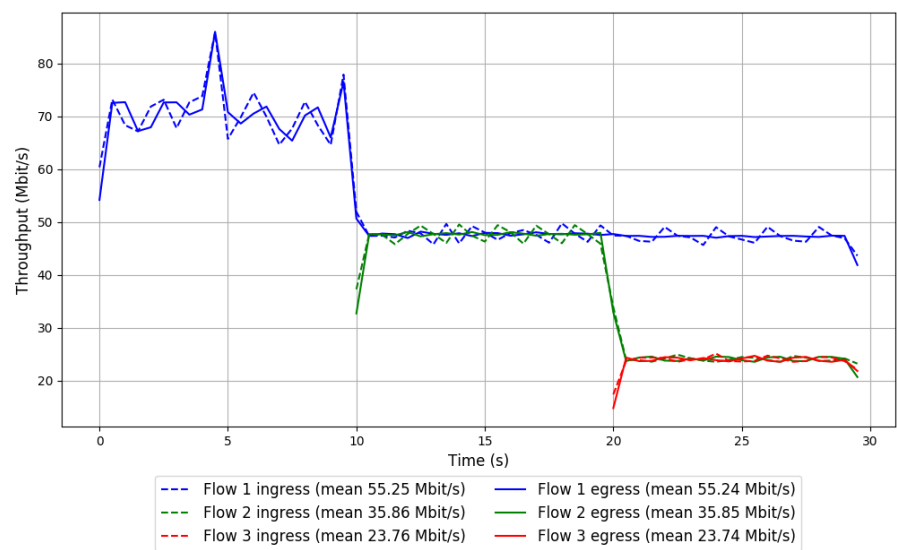


Run 5: Statistics of TaoVA-100x

Start at: 2018-01-31 23:17:42
End at: 2018-01-31 23:18:12
Local clock offset: 1.599 ms
Remote clock offset: -2.665 ms

Below is generated by plot.py at 2018-02-01 06:33:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 62.857 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 55.24 Mbit/s
95th percentile per-packet one-way delay: 45.410 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 35.85 Mbit/s
95th percentile per-packet one-way delay: 64.101 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 23.74 Mbit/s
95th percentile per-packet one-way delay: 64.400 ms
Loss rate: 0.77%

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

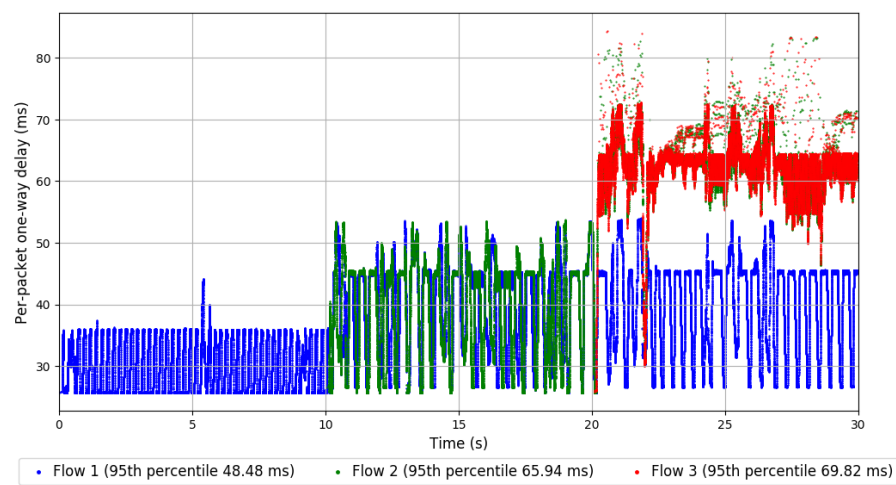
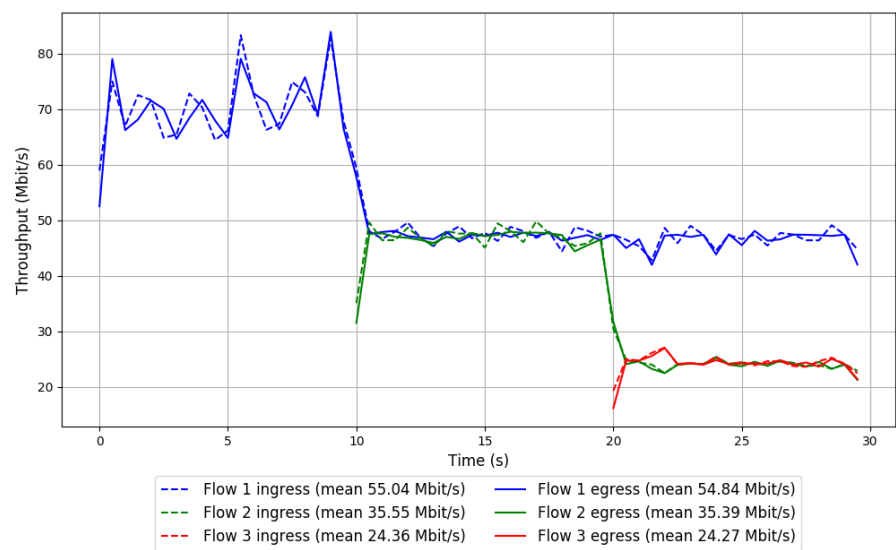


Run 6: Statistics of TaoVA-100x

Start at: 2018-01-31 23:42:21
End at: 2018-01-31 23:42:51
Local clock offset: 1.589 ms
Remote clock offset: -2.569 ms

Below is generated by plot.py at 2018-02-01 06:33:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 64.213 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 54.84 Mbit/s
95th percentile per-packet one-way delay: 48.477 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 35.39 Mbit/s
95th percentile per-packet one-way delay: 65.937 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 69.821 ms
Loss rate: 1.25%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-01 00:07:25

End at: 2018-02-01 00:07:55

Local clock offset: 1.57 ms

Remote clock offset: -0.59 ms

Below is generated by plot.py at 2018-02-01 06:33:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.36 Mbit/s

95th percentile per-packet one-way delay: 56.476 ms

Loss rate: 0.67%

-- Flow 1:

Average throughput: 49.81 Mbit/s

95th percentile per-packet one-way delay: 53.055 ms

Loss rate: 0.55%

-- Flow 2:

Average throughput: 39.31 Mbit/s

95th percentile per-packet one-way delay: 56.956 ms

Loss rate: 0.70%

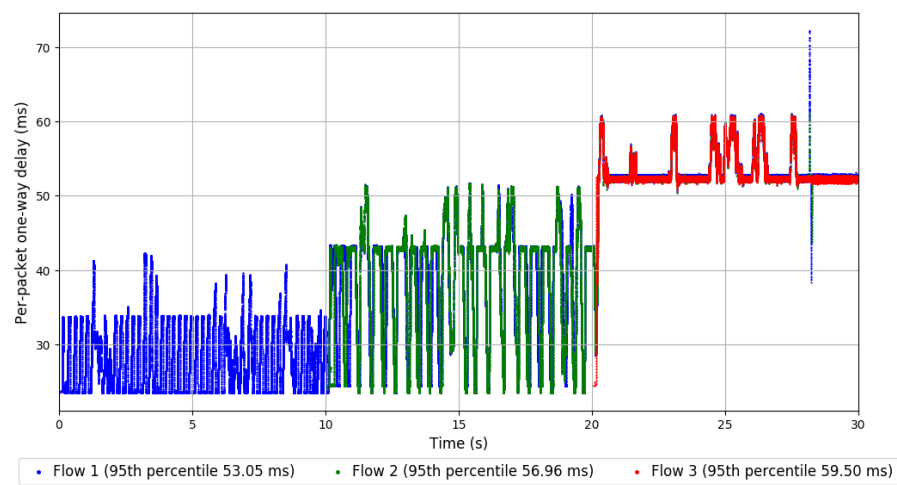
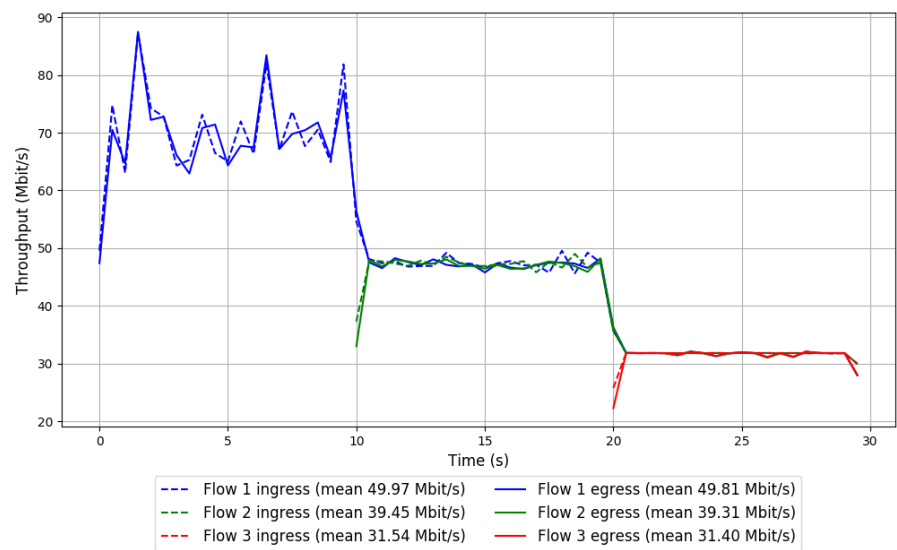
-- Flow 3:

Average throughput: 31.40 Mbit/s

95th percentile per-packet one-way delay: 59.501 ms

Loss rate: 1.13%

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

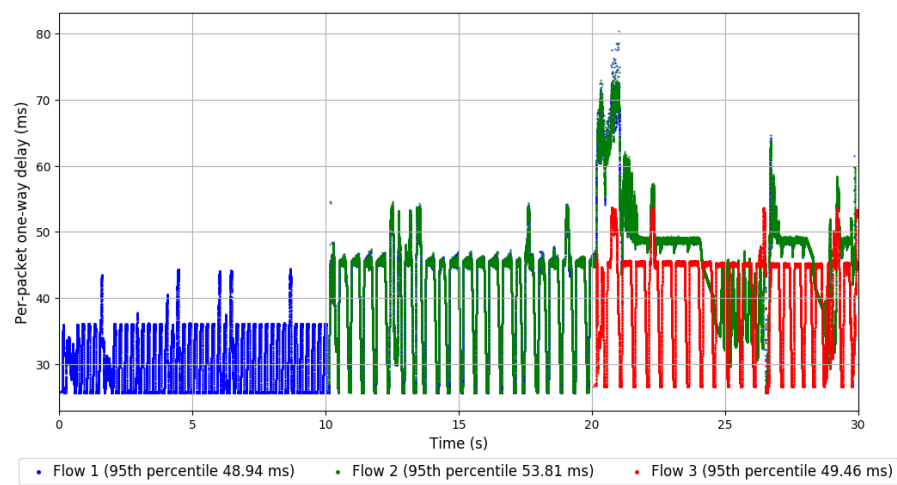
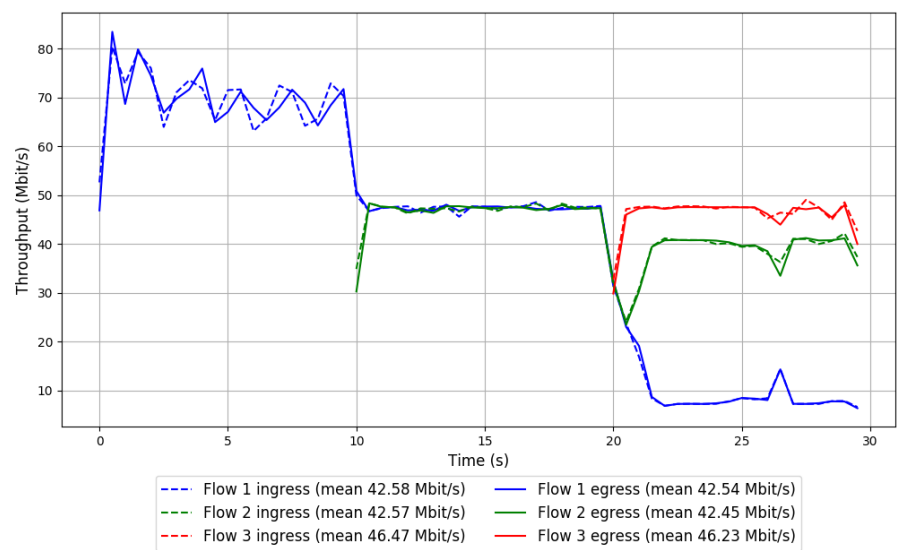


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-01 00:32:32
End at: 2018-02-01 00:33:02
Local clock offset: 1.512 ms
Remote clock offset: -3.065 ms

Below is generated by plot.py at 2018-02-01 06:33:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 51.660 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 42.54 Mbit/s
95th percentile per-packet one-way delay: 48.938 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 42.45 Mbit/s
95th percentile per-packet one-way delay: 53.811 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 46.23 Mbit/s
95th percentile per-packet one-way delay: 49.460 ms
Loss rate: 1.06%

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

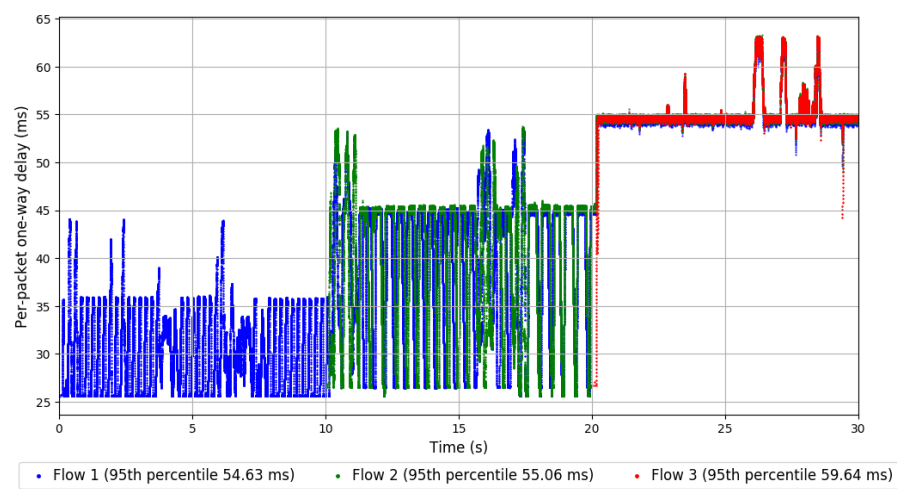
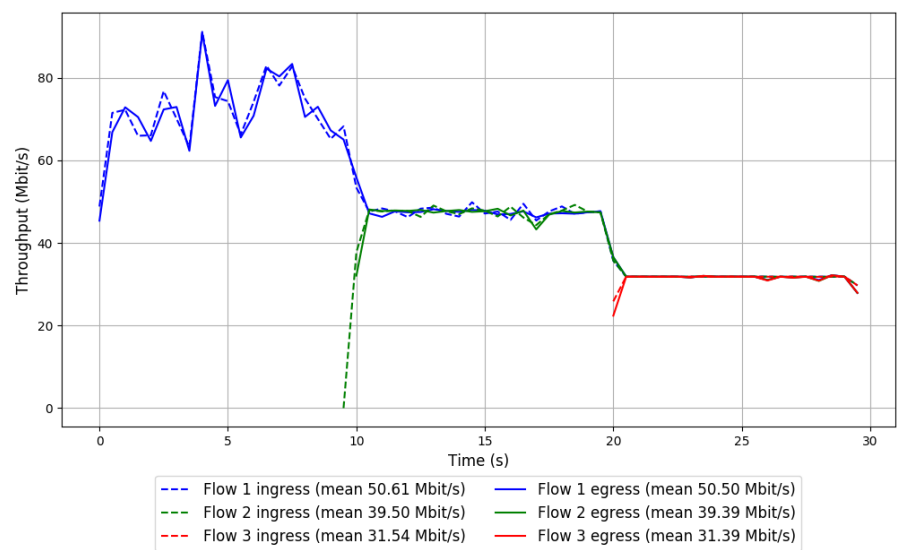


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-01 00:57:28
End at: 2018-02-01 00:57:58
Local clock offset: 1.469 ms
Remote clock offset: -3.117 ms

Below is generated by plot.py at 2018-02-01 06:35:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 54.939 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 50.50 Mbit/s
95th percentile per-packet one-way delay: 54.629 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 39.39 Mbit/s
95th percentile per-packet one-way delay: 55.061 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 59.642 ms
Loss rate: 1.14%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-01 01:23:52

End at: 2018-02-01 01:24:22

Local clock offset: 1.55 ms

Remote clock offset: -0.53 ms

Below is generated by plot.py at 2018-02-01 06:35:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.12 Mbit/s

95th percentile per-packet one-way delay: 50.589 ms

Loss rate: 1.34%

-- Flow 1:

Average throughput: 52.90 Mbit/s

95th percentile per-packet one-way delay: 50.826 ms

Loss rate: 1.21%

-- Flow 2:

Average throughput: 45.86 Mbit/s

95th percentile per-packet one-way delay: 49.578 ms

Loss rate: 1.52%

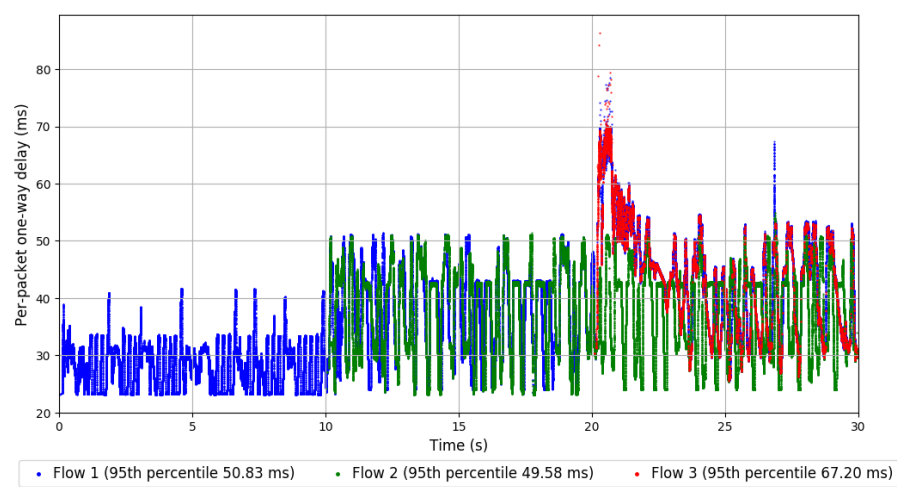
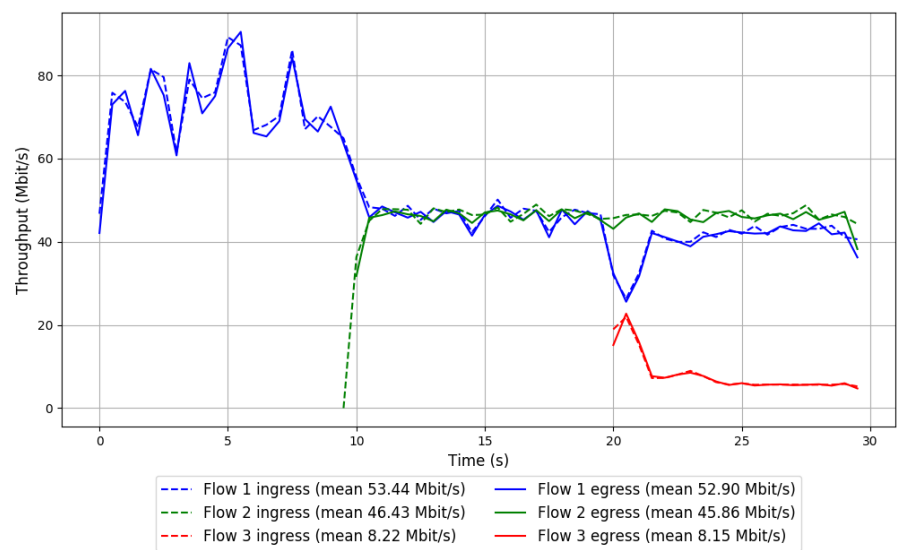
-- Flow 3:

Average throughput: 8.15 Mbit/s

95th percentile per-packet one-way delay: 67.198 ms

Loss rate: 1.71%

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

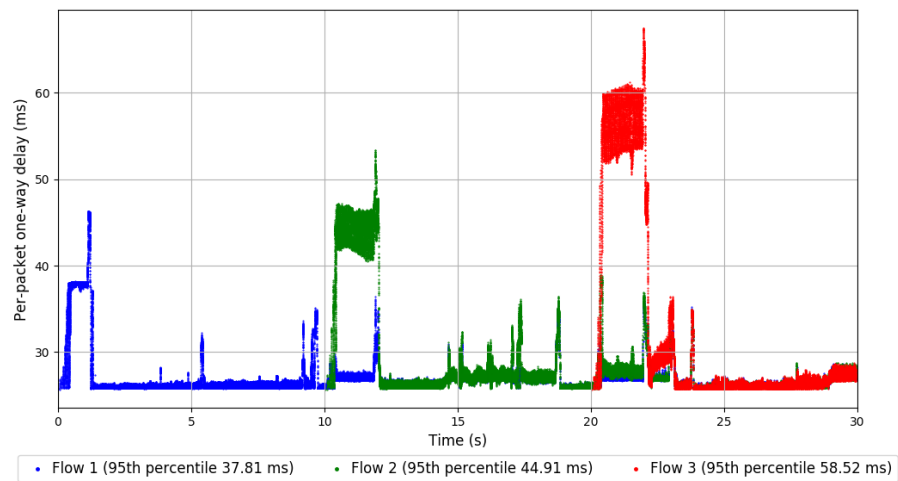
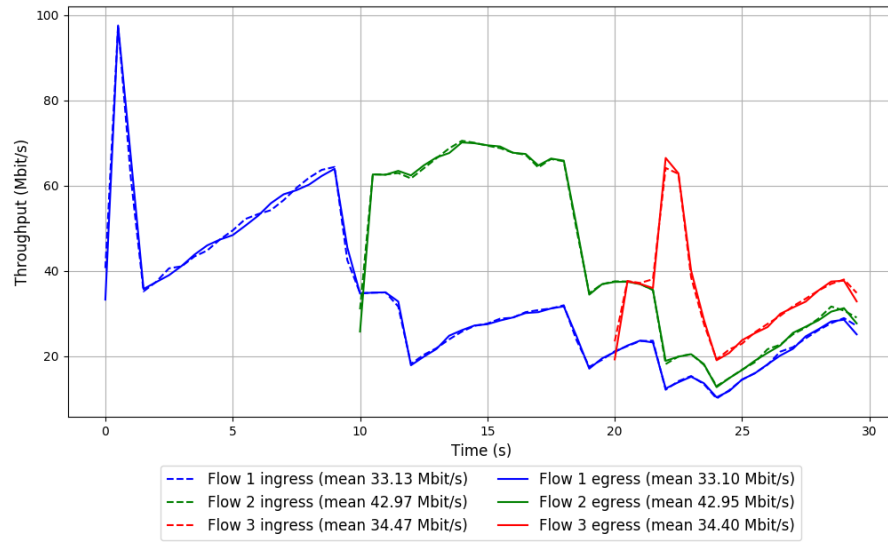


Run 1: Statistics of TCP Vegas

Start at: 2018-01-31 21:37:24
End at: 2018-01-31 21:37:54
Local clock offset: 1.3 ms
Remote clock offset: -3.717 ms

Below is generated by plot.py at 2018-02-01 06:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.07 Mbit/s
95th percentile per-packet one-way delay: 45.201 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 33.10 Mbit/s
95th percentile per-packet one-way delay: 37.814 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 42.95 Mbit/s
95th percentile per-packet one-way delay: 44.908 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 58.521 ms
Loss rate: 0.72%

Run 1: Report of TCP Vegas — Data Link

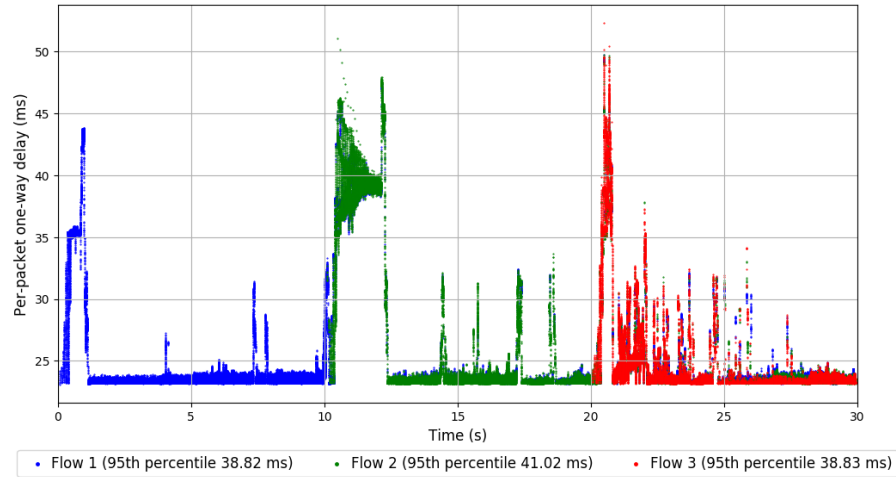
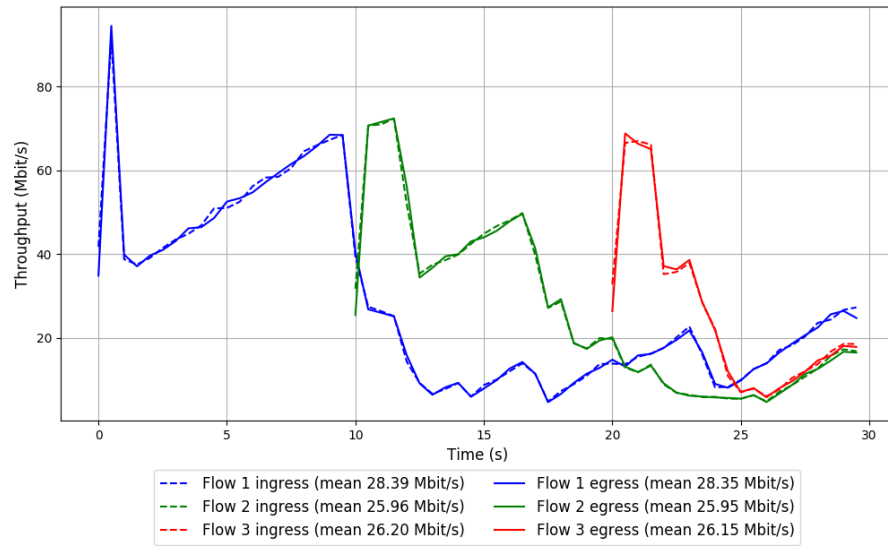


Run 2: Statistics of TCP Vegas

Start at: 2018-01-31 22:02:03
End at: 2018-01-31 22:02:33
Local clock offset: 1.364 ms
Remote clock offset: -0.888 ms

Below is generated by plot.py at 2018-02-01 06:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.25 Mbit/s
95th percentile per-packet one-way delay: 39.610 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 38.824 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 25.95 Mbit/s
95th percentile per-packet one-way delay: 41.017 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 26.15 Mbit/s
95th percentile per-packet one-way delay: 38.832 ms
Loss rate: 0.74%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-01-31 22:26:43

End at: 2018-01-31 22:27:13

Local clock offset: 1.485 ms

Remote clock offset: -1.06 ms

Below is generated by plot.py at 2018-02-01 06:35:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.53 Mbit/s

95th percentile per-packet one-way delay: 46.776 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 35.84 Mbit/s

95th percentile per-packet one-way delay: 38.088 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 38.65 Mbit/s

95th percentile per-packet one-way delay: 39.060 ms

Loss rate: 0.13%

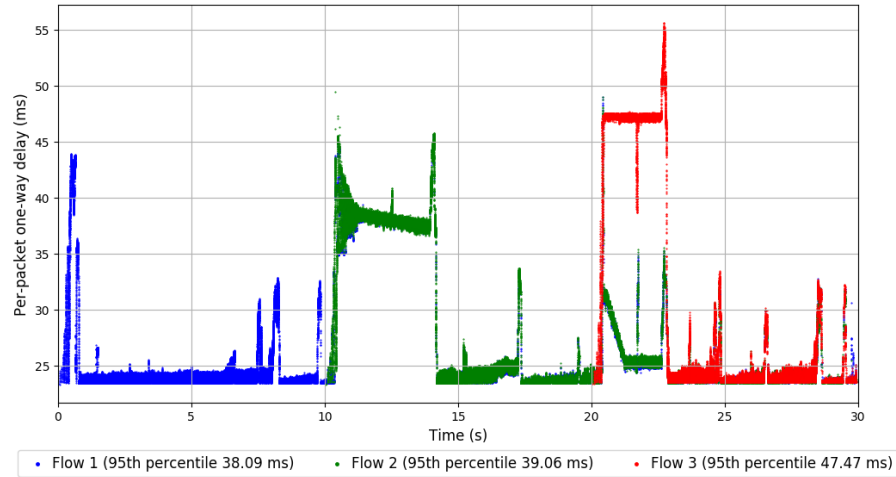
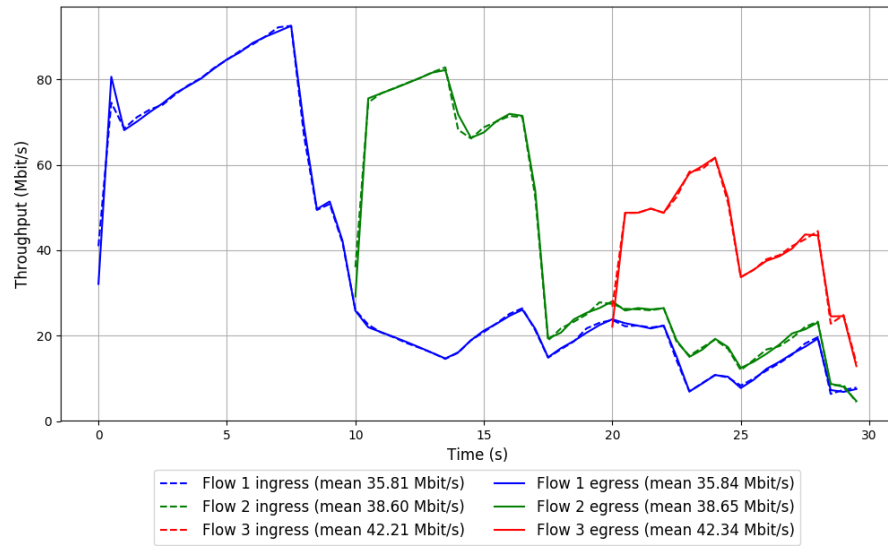
-- Flow 3:

Average throughput: 42.34 Mbit/s

95th percentile per-packet one-way delay: 47.471 ms

Loss rate: 0.31%

Run 3: Report of TCP Vegas — Data Link

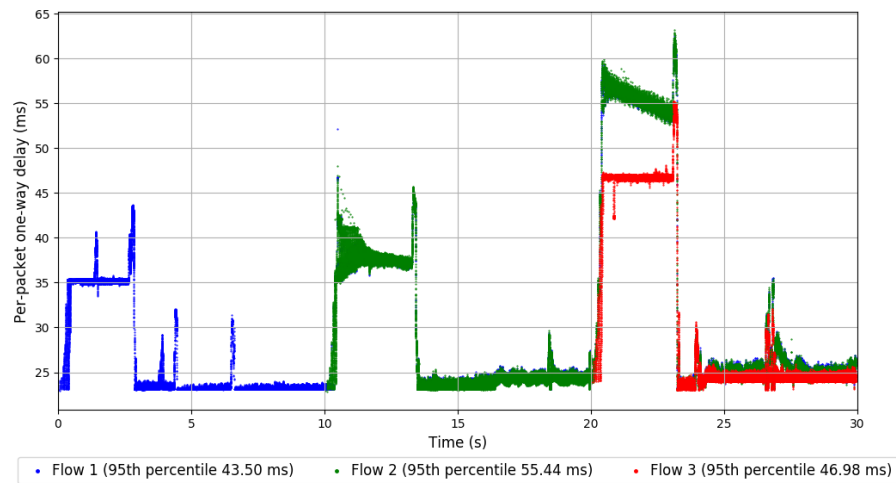
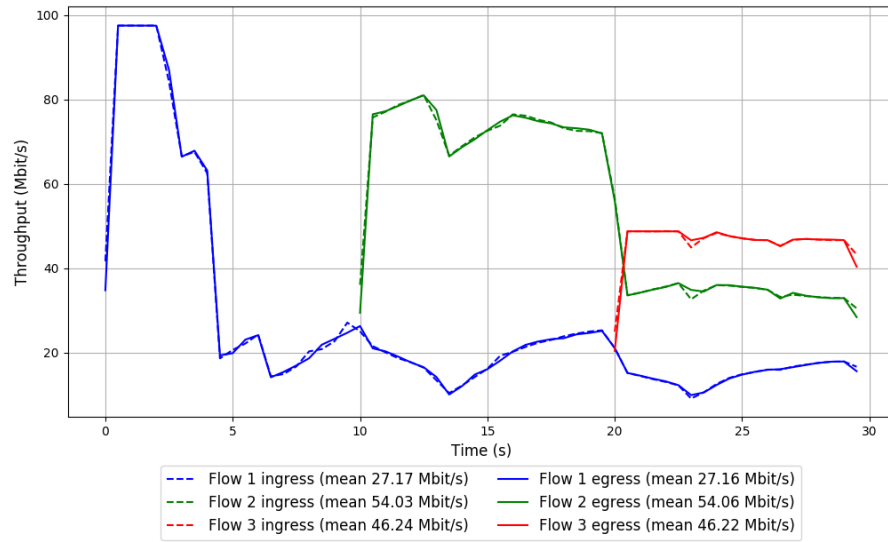


Run 4: Statistics of TCP Vegas

Start at: 2018-01-31 22:51:43
End at: 2018-01-31 22:52:13
Local clock offset: 1.507 ms
Remote clock offset: -0.385 ms

```
# Below is generated by plot.py at 2018-02-01 06:35:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.42 Mbit/s
95th percentile per-packet one-way delay: 54.375 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 27.16 Mbit/s
95th percentile per-packet one-way delay: 43.502 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 54.06 Mbit/s
95th percentile per-packet one-way delay: 55.440 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 46.22 Mbit/s
95th percentile per-packet one-way delay: 46.983 ms
Loss rate: 0.59%
```

Run 4: Report of TCP Vegas — Data Link

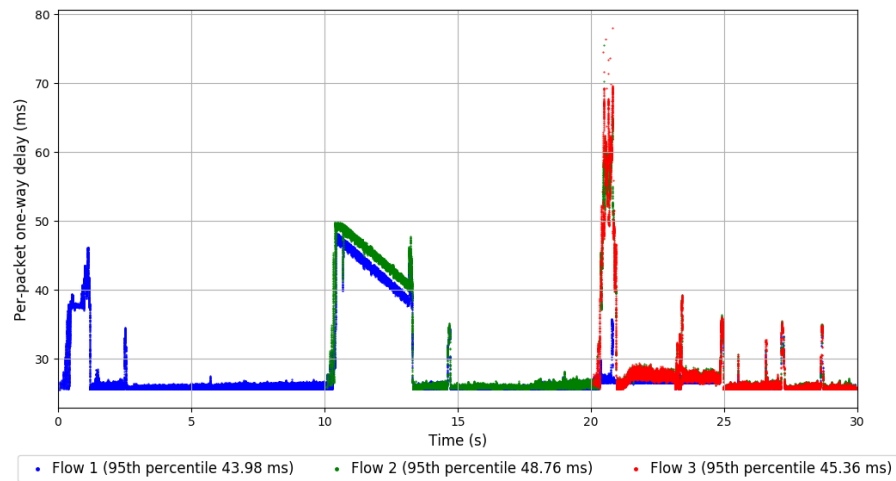
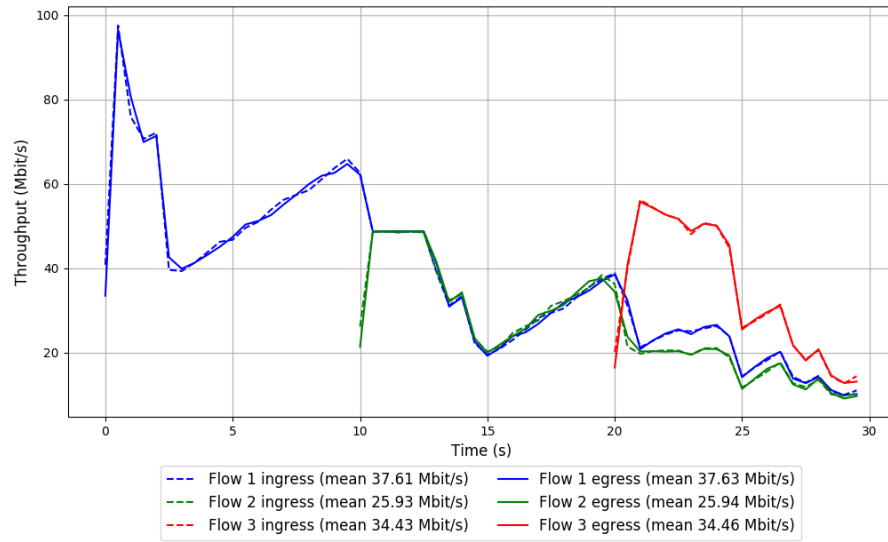


Run 5: Statistics of TCP Vegas

Start at: 2018-01-31 23:16:21
End at: 2018-01-31 23:16:51
Local clock offset: 1.519 ms
Remote clock offset: -2.583 ms

Below is generated by plot.py at 2018-02-01 06:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.27 Mbit/s
95th percentile per-packet one-way delay: 46.315 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 37.63 Mbit/s
95th percentile per-packet one-way delay: 43.982 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 48.756 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 34.46 Mbit/s
95th percentile per-packet one-way delay: 45.362 ms
Loss rate: 0.47%

Run 5: Report of TCP Vegas — Data Link

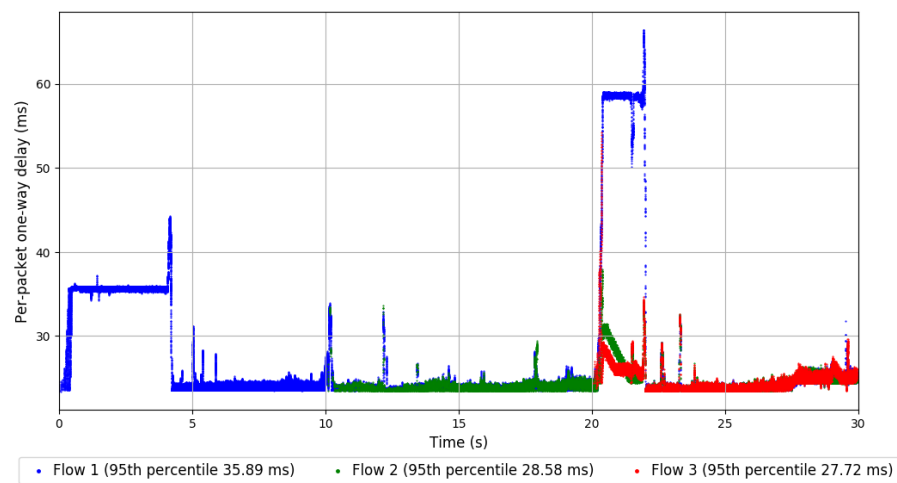
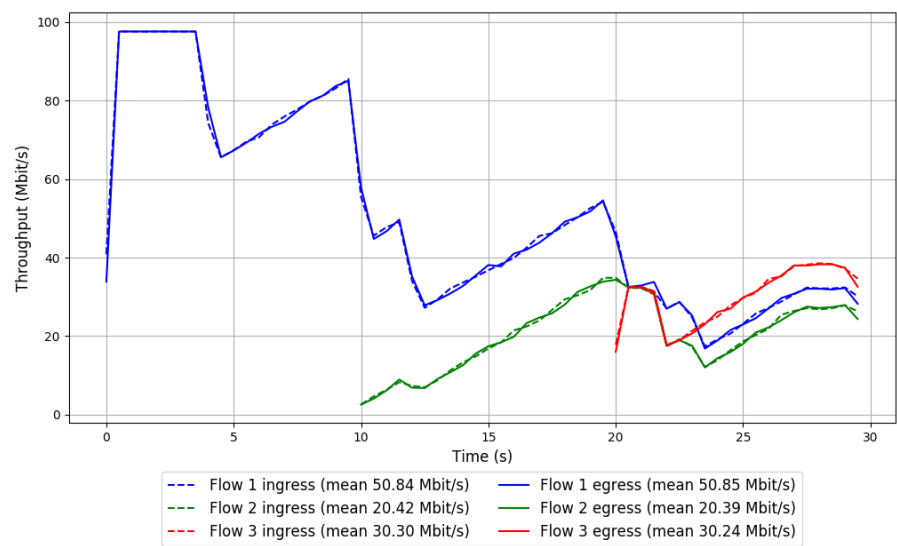


Run 6: Statistics of TCP Vegas

Start at: 2018-01-31 23:41:00
End at: 2018-01-31 23:41:30
Local clock offset: 1.493 ms
Remote clock offset: -0.456 ms

Below is generated by plot.py at 2018-02-01 06:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 35.840 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 50.85 Mbit/s
95th percentile per-packet one-way delay: 35.893 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 28.581 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 30.24 Mbit/s
95th percentile per-packet one-way delay: 27.718 ms
Loss rate: 0.71%

Run 6: Report of TCP Vegas — Data Link

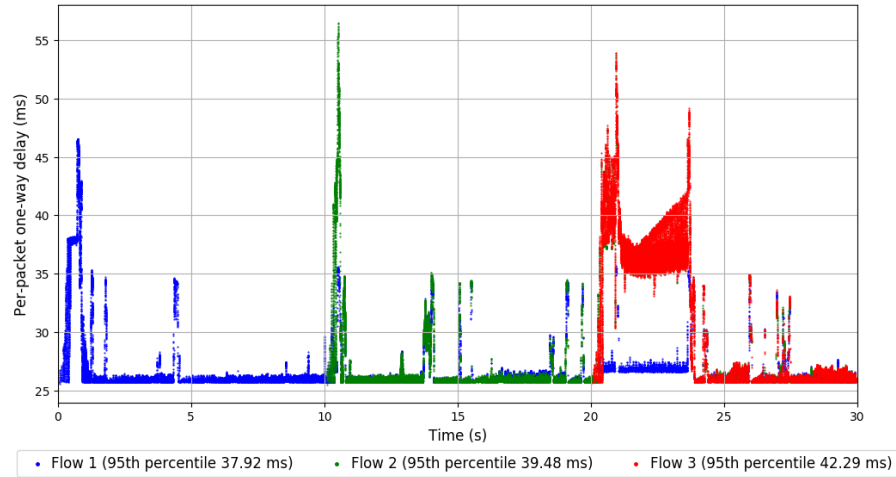
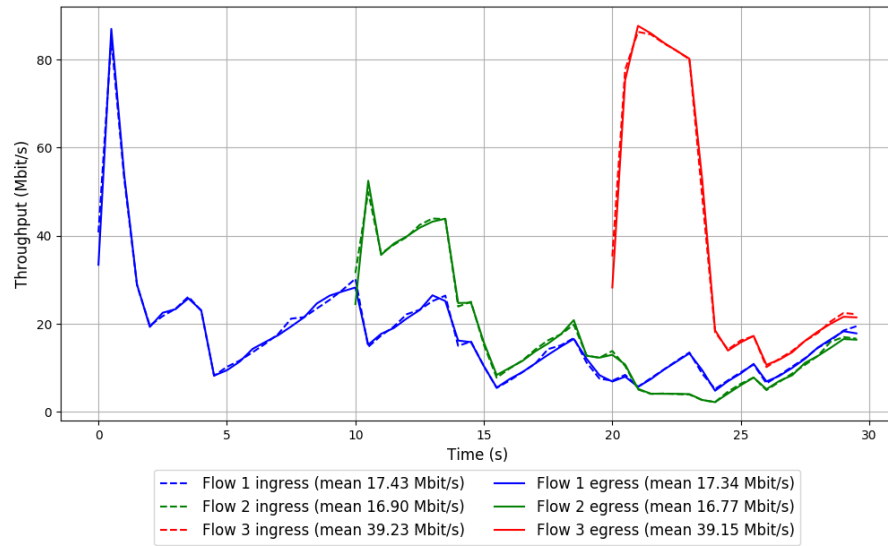


Run 7: Statistics of TCP Vegas

Start at: 2018-02-01 00:06:06
End at: 2018-02-01 00:06:36
Local clock offset: 1.576 ms
Remote clock offset: -2.791 ms

Below is generated by plot.py at 2018-02-01 06:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.45 Mbit/s
95th percentile per-packet one-way delay: 40.227 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 17.34 Mbit/s
95th percentile per-packet one-way delay: 37.916 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 16.77 Mbit/s
95th percentile per-packet one-way delay: 39.477 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 42.291 ms
Loss rate: 0.73%

Run 7: Report of TCP Vegas — Data Link

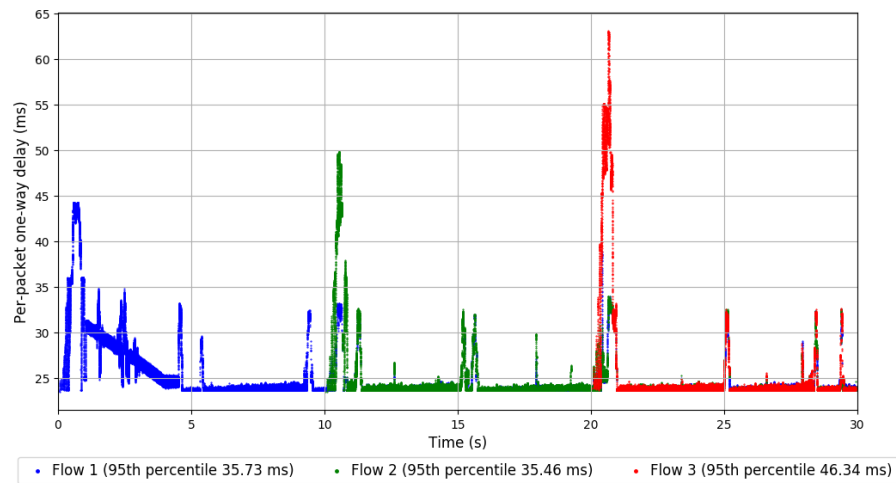
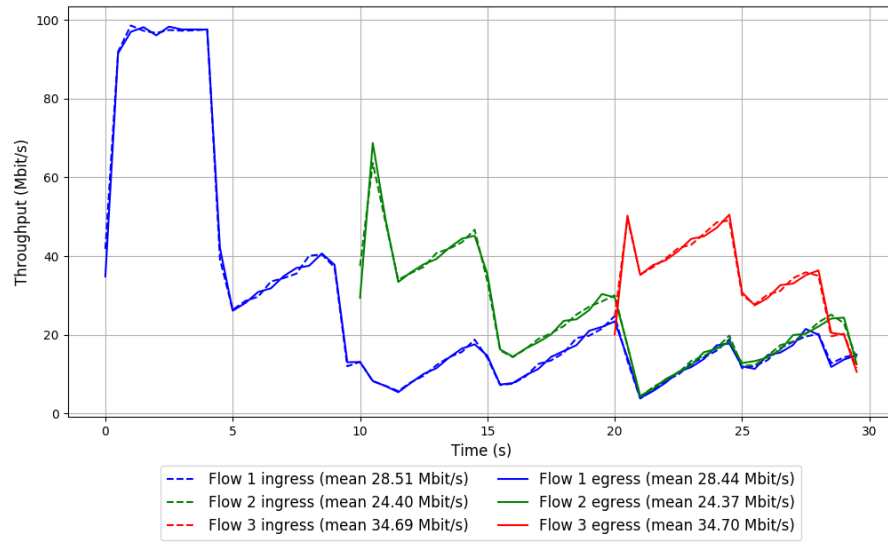


Run 8: Statistics of TCP Vegas

Start at: 2018-02-01 00:31:08
End at: 2018-02-01 00:31:38
Local clock offset: 1.532 ms
Remote clock offset: -0.945 ms

Below is generated by plot.py at 2018-02-01 06:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.13 Mbit/s
95th percentile per-packet one-way delay: 35.766 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 28.44 Mbit/s
95th percentile per-packet one-way delay: 35.730 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 35.456 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 34.70 Mbit/s
95th percentile per-packet one-way delay: 46.336 ms
Loss rate: 0.53%

Run 8: Report of TCP Vegas — Data Link

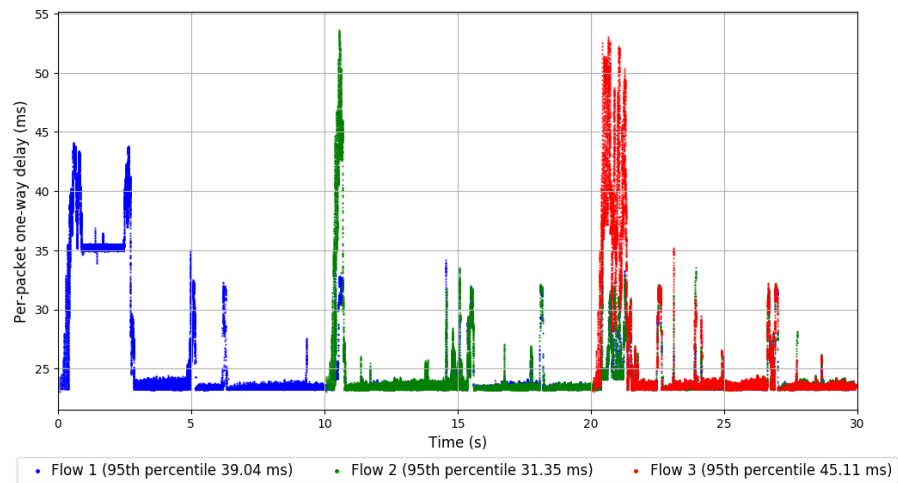
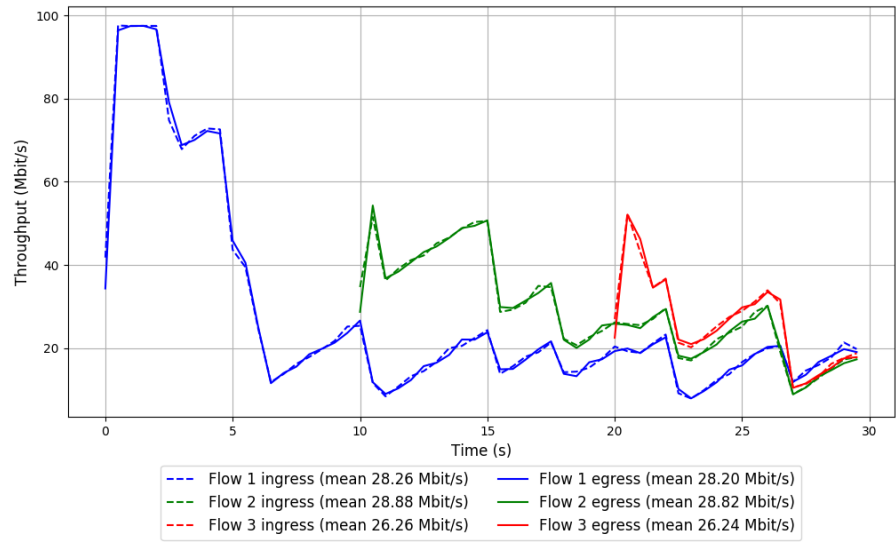


Run 9: Statistics of TCP Vegas

Start at: 2018-02-01 00:56:07
End at: 2018-02-01 00:56:37
Local clock offset: 1.531 ms
Remote clock offset: -0.657 ms

Below is generated by plot.py at 2018-02-01 06:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 39.237 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 28.20 Mbit/s
95th percentile per-packet one-way delay: 39.040 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 28.82 Mbit/s
95th percentile per-packet one-way delay: 31.354 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 26.24 Mbit/s
95th percentile per-packet one-way delay: 45.110 ms
Loss rate: 0.60%

Run 9: Report of TCP Vegas — Data Link

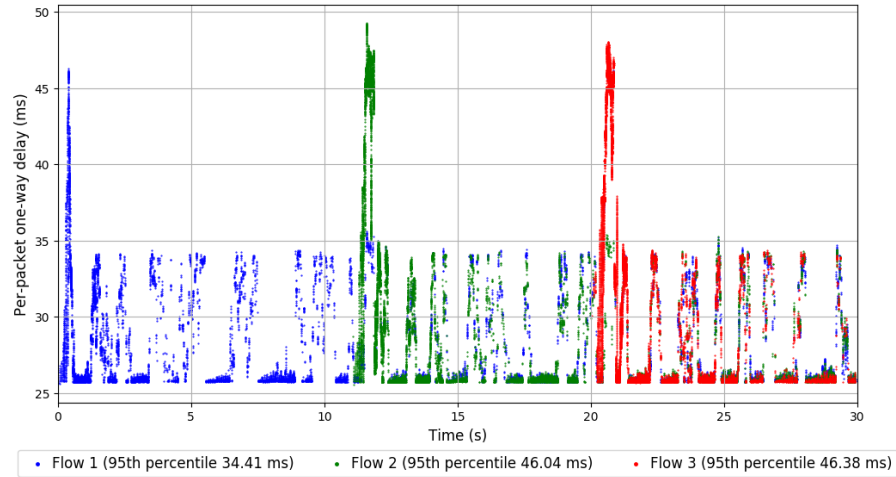
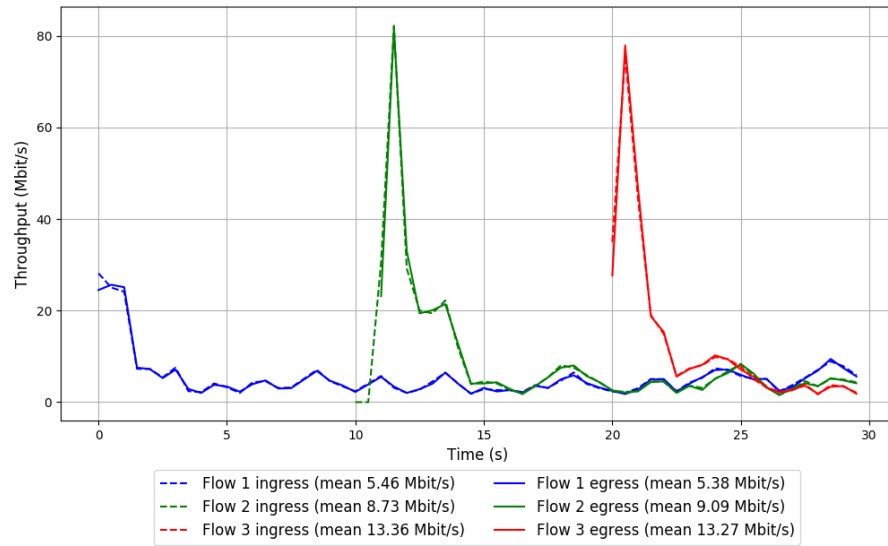


Run 10: Statistics of TCP Vegas

Start at: 2018-02-01 01:22:31
End at: 2018-02-01 01:23:01
Local clock offset: 1.547 ms
Remote clock offset: -3.089 ms

Below is generated by plot.py at 2018-02-01 06:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.49 Mbit/s
95th percentile per-packet one-way delay: 45.855 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 5.38 Mbit/s
95th percentile per-packet one-way delay: 34.411 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 46.036 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 13.27 Mbit/s
95th percentile per-packet one-way delay: 46.377 ms
Loss rate: 1.25%

Run 10: Report of TCP Vegas — Data Link

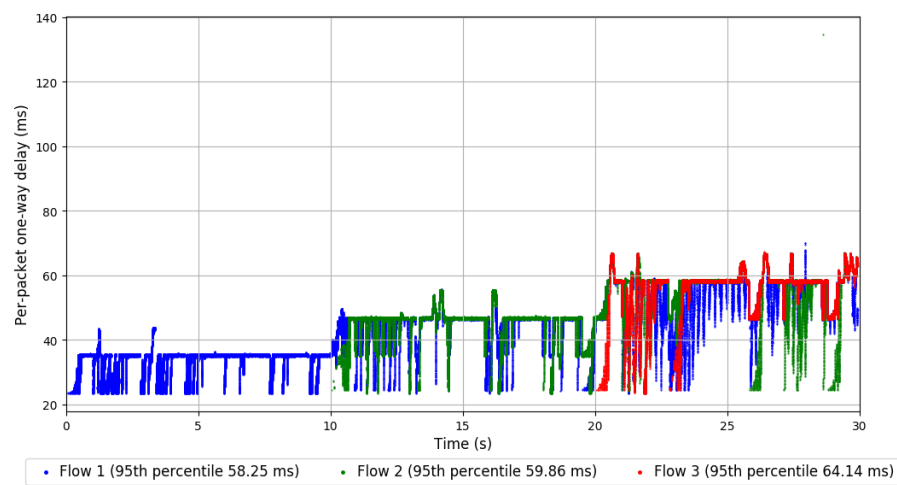
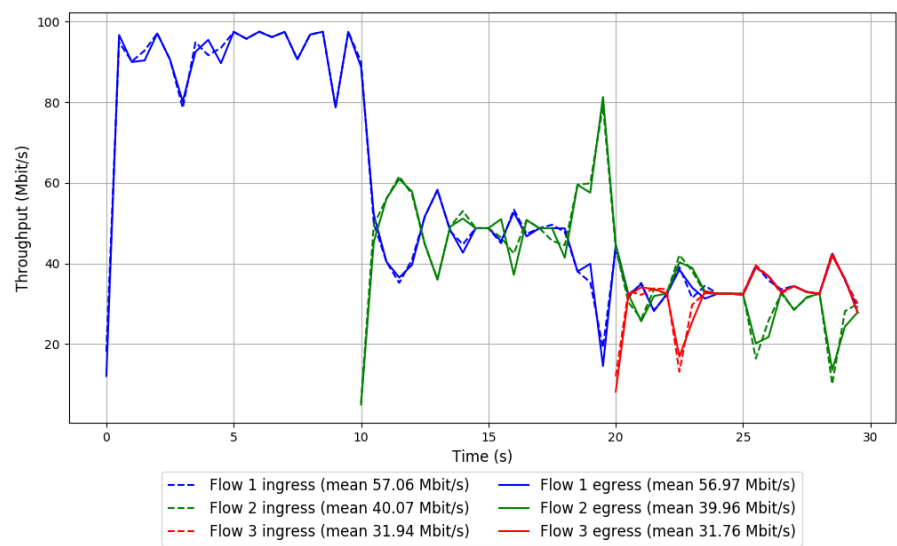


Run 1: Statistics of Verus

Start at: 2018-01-31 21:48:22
End at: 2018-01-31 21:48:52
Local clock offset: 1.323 ms
Remote clock offset: -1.271 ms

Below is generated by plot.py at 2018-02-01 06:35:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 58.484 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 56.97 Mbit/s
95th percentile per-packet one-way delay: 58.250 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 59.860 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 64.142 ms
Loss rate: 1.12%

Run 1: Report of Verus — Data Link

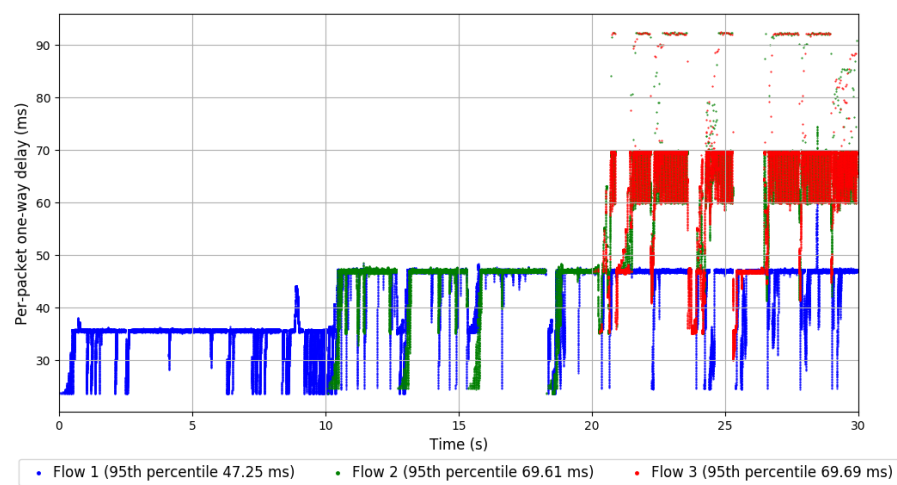
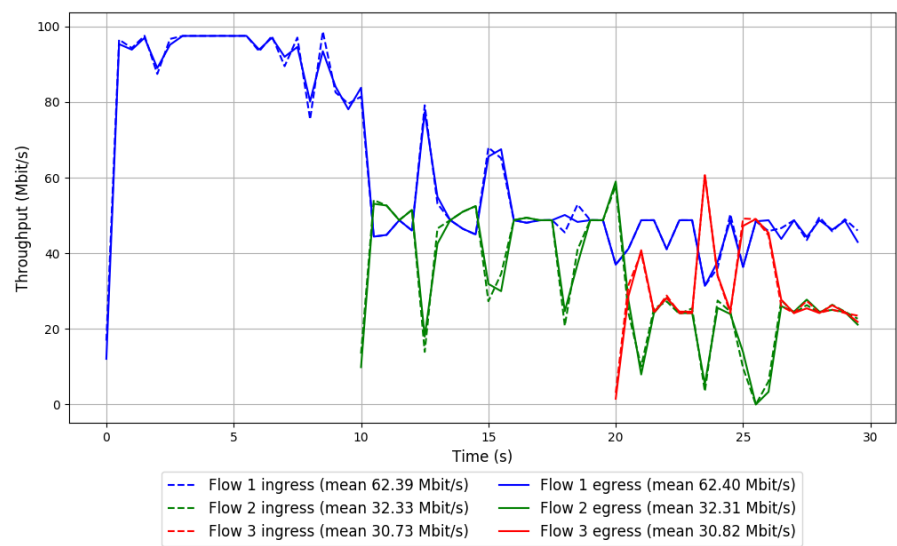


Run 2: Statistics of Verus

Start at: 2018-01-31 22:12:54
End at: 2018-01-31 22:13:24
Local clock offset: 1.381 ms
Remote clock offset: -1.33 ms

Below is generated by plot.py at 2018-02-01 06:35:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 69.292 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 62.40 Mbit/s
95th percentile per-packet one-way delay: 47.251 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 32.31 Mbit/s
95th percentile per-packet one-way delay: 69.611 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 69.688 ms
Loss rate: 0.74%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-01-31 22:37:57

End at: 2018-01-31 22:38:27

Local clock offset: 1.553 ms

Remote clock offset: -0.97 ms

Below is generated by plot.py at 2018-02-01 06:35:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.78 Mbit/s

95th percentile per-packet one-way delay: 69.145 ms

Loss rate: 0.39%

-- Flow 1:

Average throughput: 57.88 Mbit/s

95th percentile per-packet one-way delay: 67.852 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 46.33 Mbit/s

95th percentile per-packet one-way delay: 47.233 ms

Loss rate: 0.48%

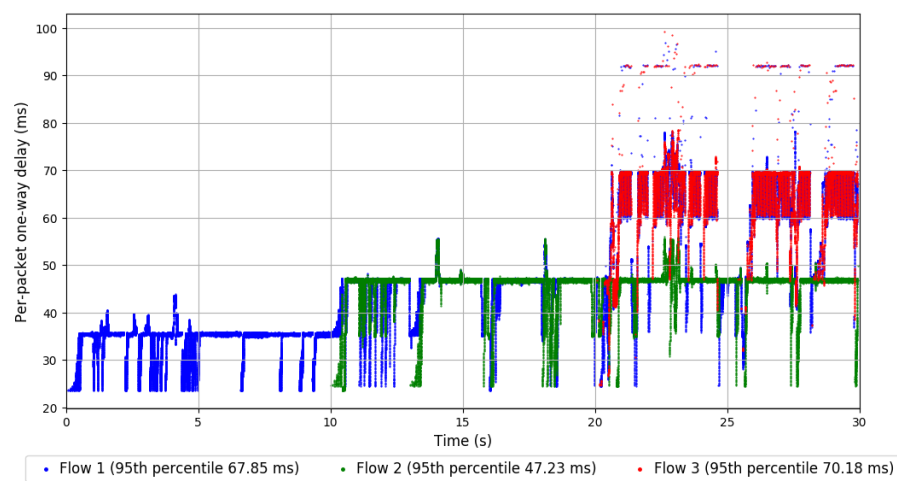
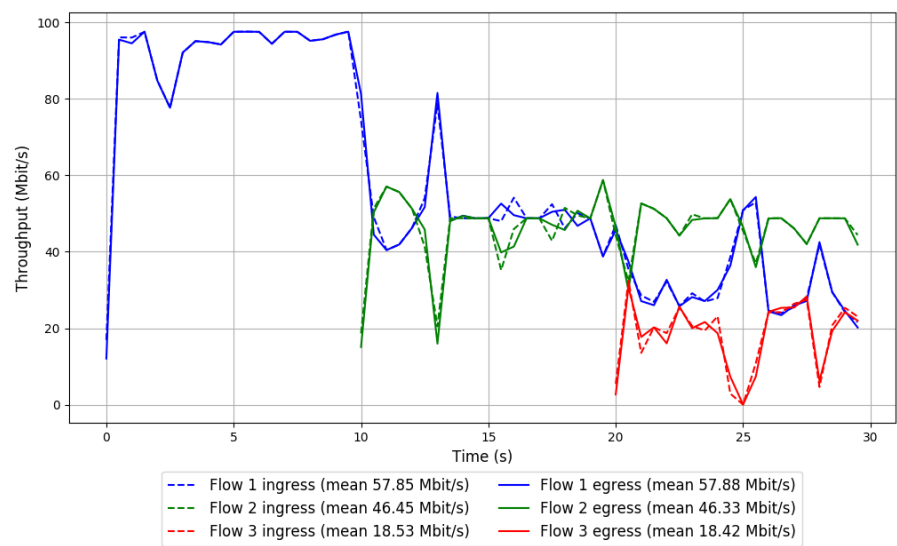
-- Flow 3:

Average throughput: 18.42 Mbit/s

95th percentile per-packet one-way delay: 70.183 ms

Loss rate: 1.49%

Run 3: Report of Verus — Data Link

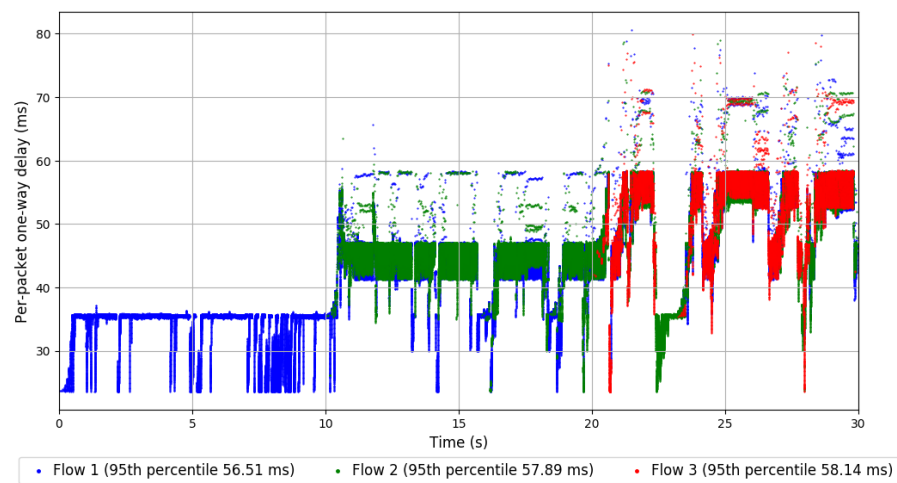
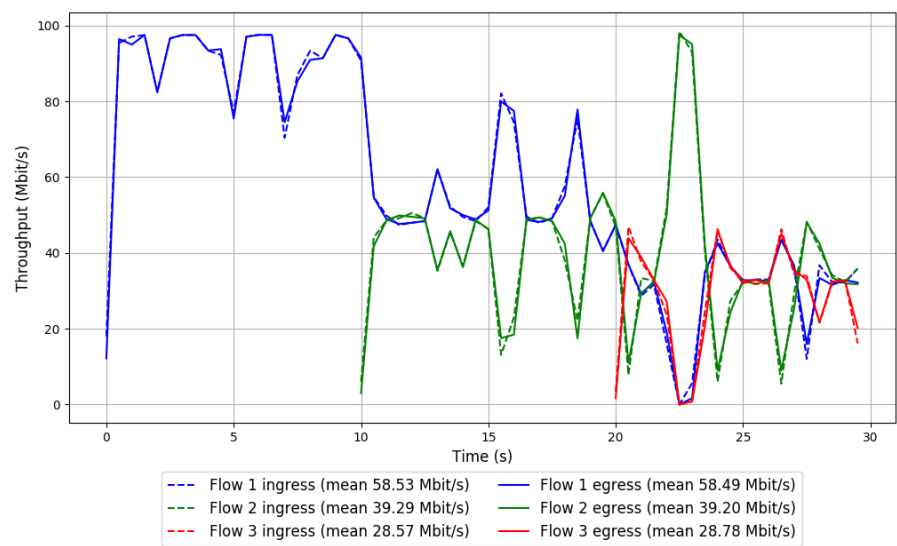


Run 4: Statistics of Verus

Start at: 2018-01-31 23:02:35
End at: 2018-01-31 23:03:05
Local clock offset: 1.561 ms
Remote clock offset: -0.693 ms

Below is generated by plot.py at 2018-02-01 06:35:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 57.777 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 56.511 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 39.20 Mbit/s
95th percentile per-packet one-way delay: 57.889 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 28.78 Mbit/s
95th percentile per-packet one-way delay: 58.143 ms
Loss rate: 0.02%

Run 4: Report of Verus — Data Link

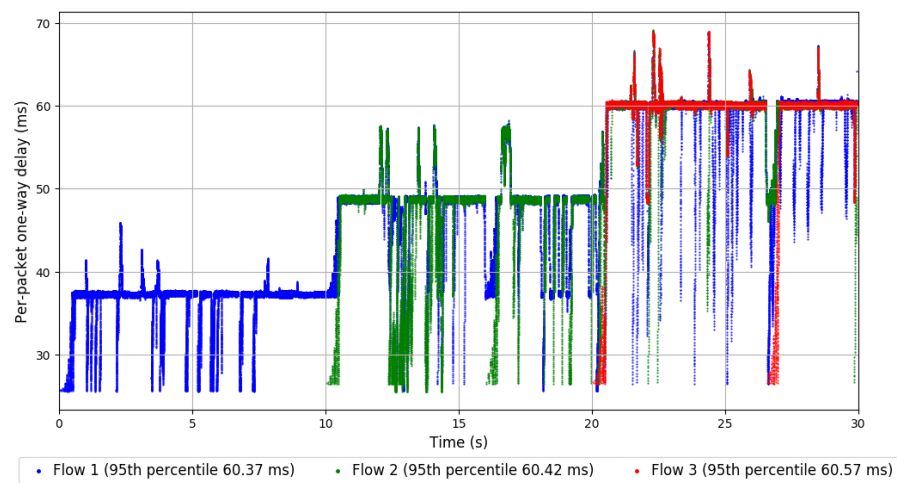
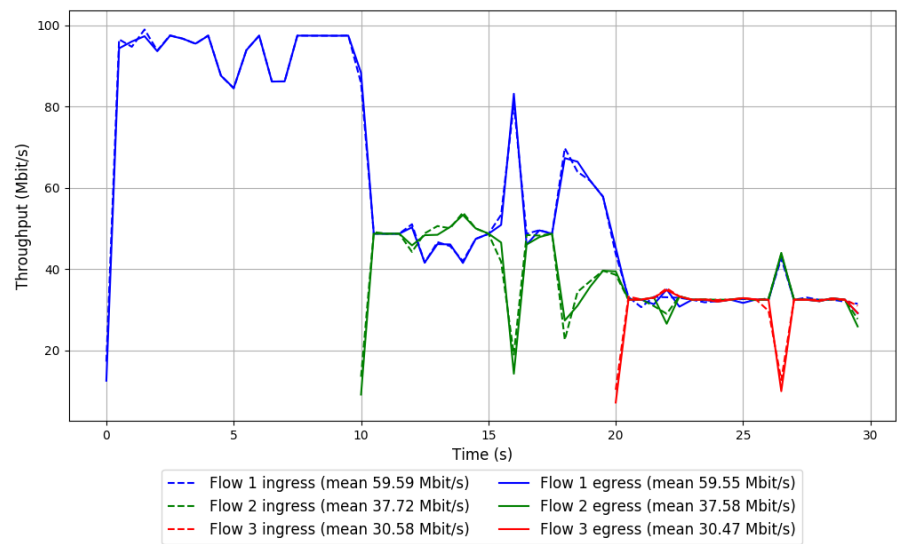


Run 5: Statistics of Verus

Start at: 2018-01-31 23:27:14
End at: 2018-01-31 23:27:44
Local clock offset: 1.493 ms
Remote clock offset: -2.473 ms

Below is generated by plot.py at 2018-02-01 06:36:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.62 Mbit/s
95th percentile per-packet one-way delay: 60.424 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 59.55 Mbit/s
95th percentile per-packet one-way delay: 60.373 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 37.58 Mbit/s
95th percentile per-packet one-way delay: 60.418 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 60.566 ms
Loss rate: 1.09%

Run 5: Report of Verus — Data Link

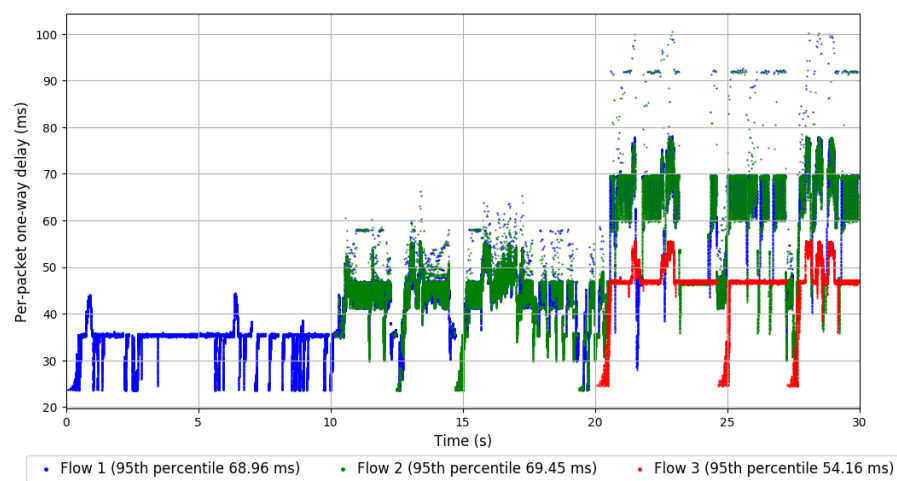
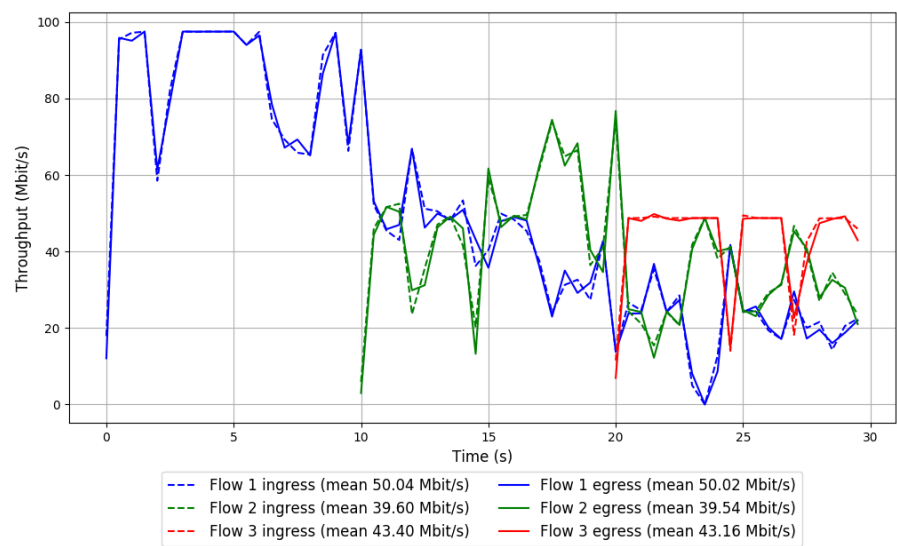


Run 6: Statistics of Verus

Start at: 2018-01-31 23:52:16
End at: 2018-01-31 23:52:46
Local clock offset: 1.567 ms
Remote clock offset: -0.567 ms

Below is generated by plot.py at 2018-02-01 06:36:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 69.156 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 68.960 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 69.451 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 43.16 Mbit/s
95th percentile per-packet one-way delay: 54.161 ms
Loss rate: 1.24%

Run 6: Report of Verus — Data Link

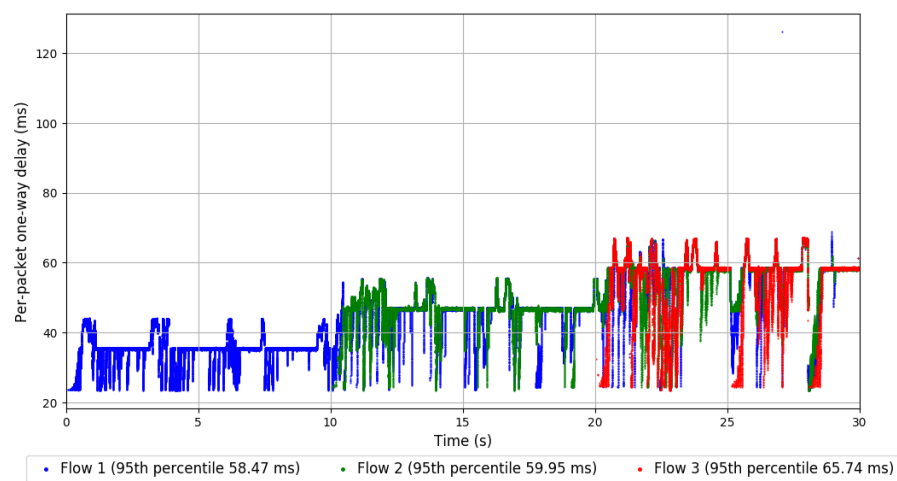
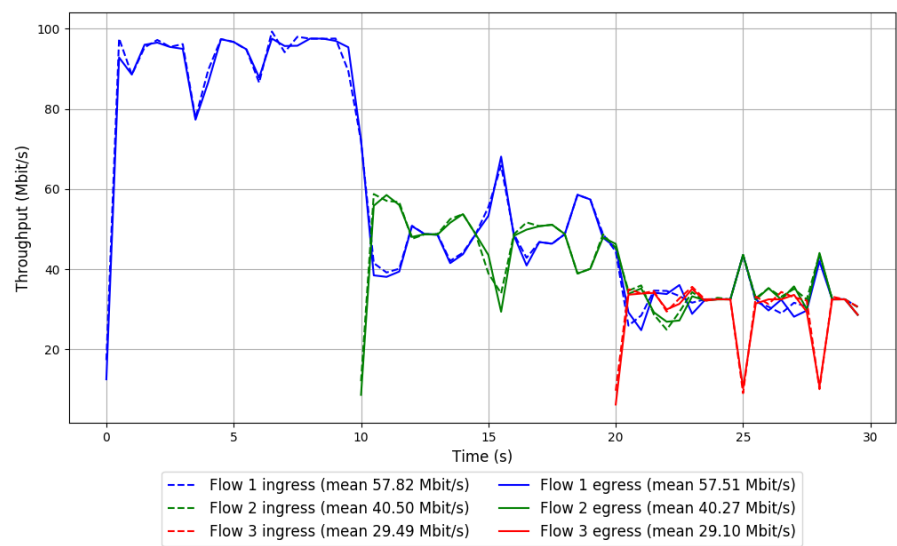


Run 7: Statistics of Verus

Start at: 2018-02-01 00:17:04
End at: 2018-02-01 00:17:34
Local clock offset: 1.538 ms
Remote clock offset: -0.757 ms

Below is generated by plot.py at 2018-02-01 06:36:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 59.085 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 58.467 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 59.946 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 29.10 Mbit/s
95th percentile per-packet one-way delay: 65.740 ms
Loss rate: 2.10%

Run 7: Report of Verus — Data Link

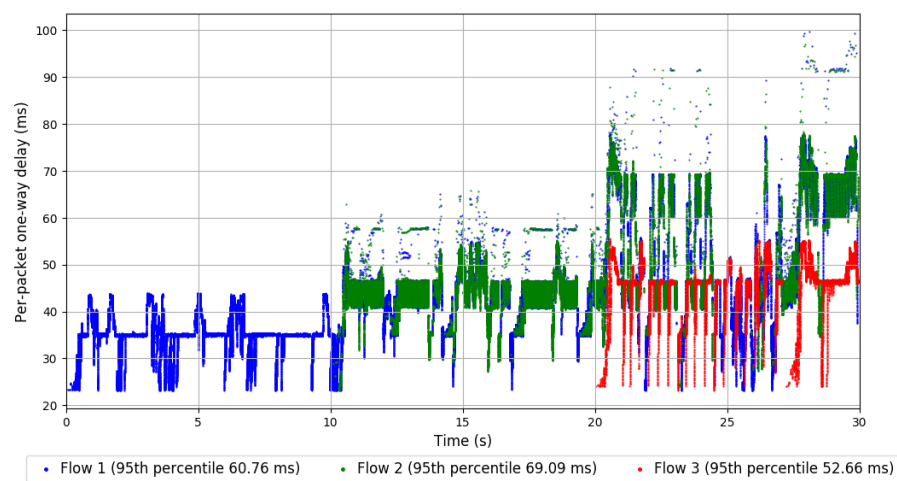
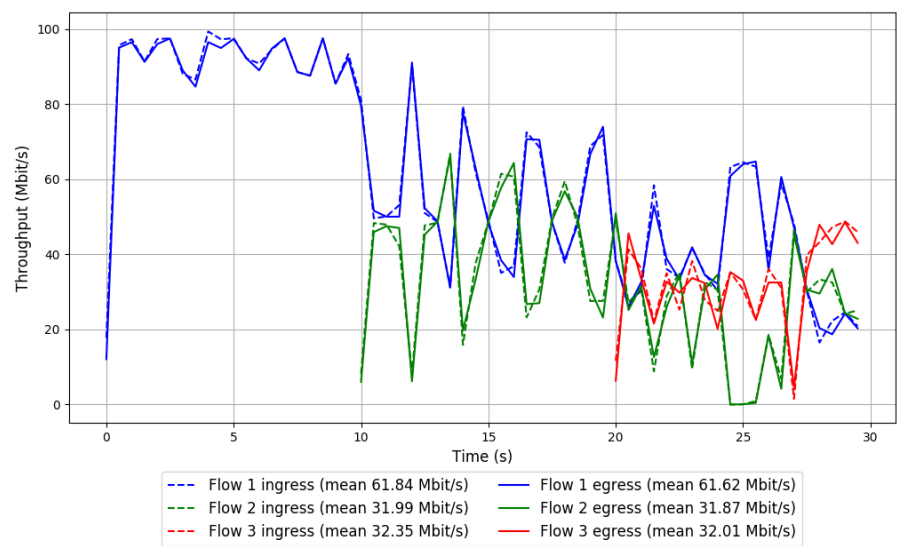


Run 8: Statistics of Verus

Start at: 2018-02-01 00:42:16
End at: 2018-02-01 00:42:46
Local clock offset: 1.539 ms
Remote clock offset: -0.526 ms

Below is generated by plot.py at 2018-02-01 06:36:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 65.375 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 61.62 Mbit/s
95th percentile per-packet one-way delay: 60.762 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 69.086 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 52.659 ms
Loss rate: 1.71%

Run 8: Report of Verus — Data Link

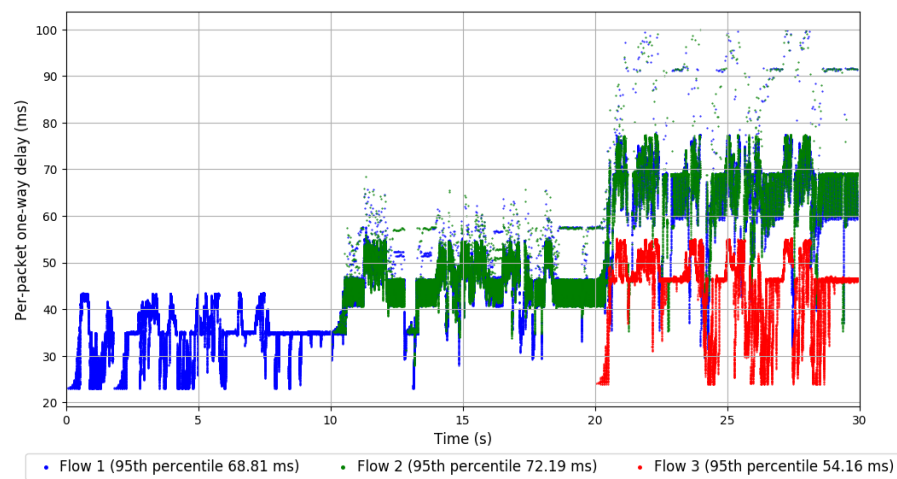
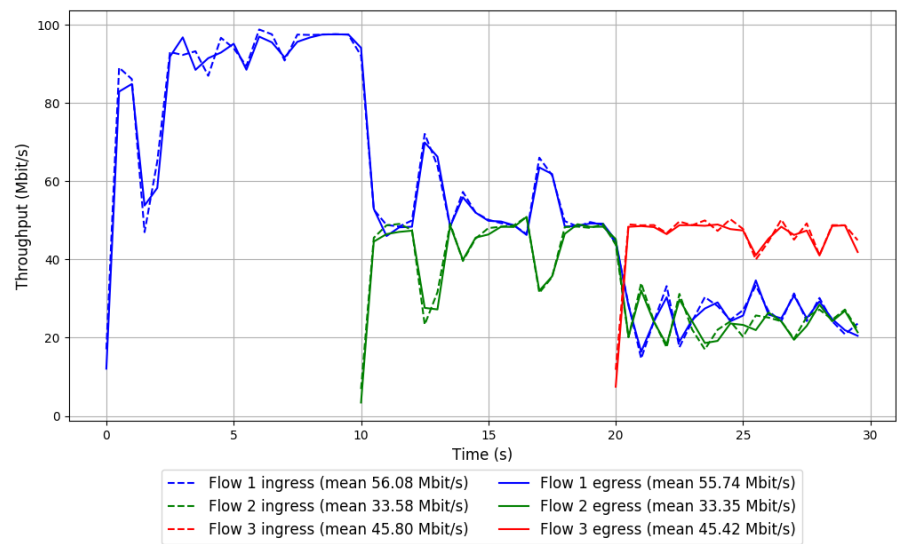


Run 9: Statistics of Verus

Start at: 2018-02-01 01:07:37
End at: 2018-02-01 01:08:07
Local clock offset: 1.526 ms
Remote clock offset: -0.407 ms

Below is generated by plot.py at 2018-02-01 06:36:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 68.972 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 55.74 Mbit/s
95th percentile per-packet one-way delay: 68.805 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: 72.187 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 45.42 Mbit/s
95th percentile per-packet one-way delay: 54.158 ms
Loss rate: 1.47%

Run 9: Report of Verus — Data Link

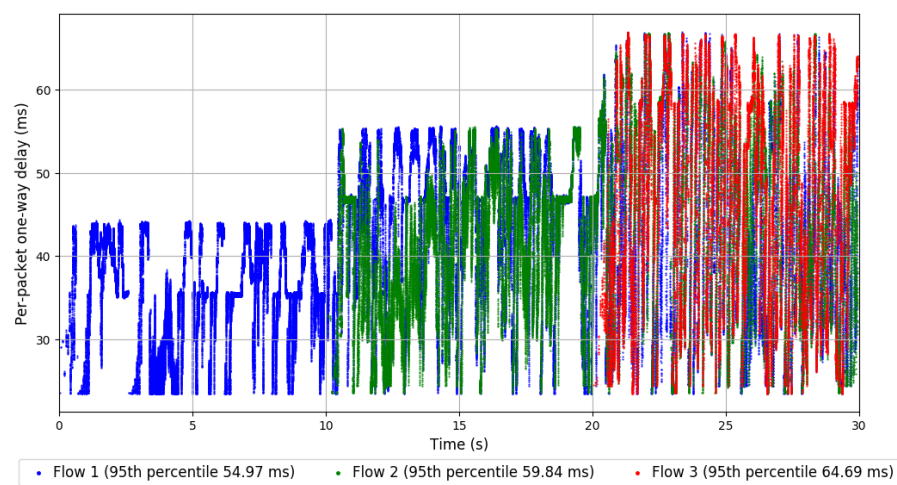
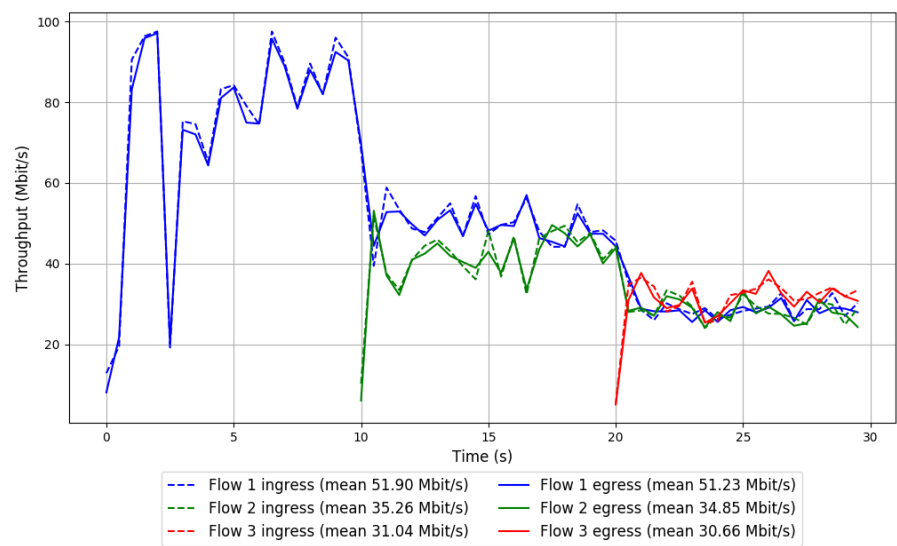


Run 10: Statistics of Verus

Start at: 2018-02-01 01:34:41
End at: 2018-02-01 01:35:11
Local clock offset: 1.508 ms
Remote clock offset: -0.999 ms

Below is generated by plot.py at 2018-02-01 06:36:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.53 Mbit/s
95th percentile per-packet one-way delay: 59.449 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 51.23 Mbit/s
95th percentile per-packet one-way delay: 54.967 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 34.85 Mbit/s
95th percentile per-packet one-way delay: 59.843 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 64.692 ms
Loss rate: 1.92%

Run 10: Report of Verus — Data Link

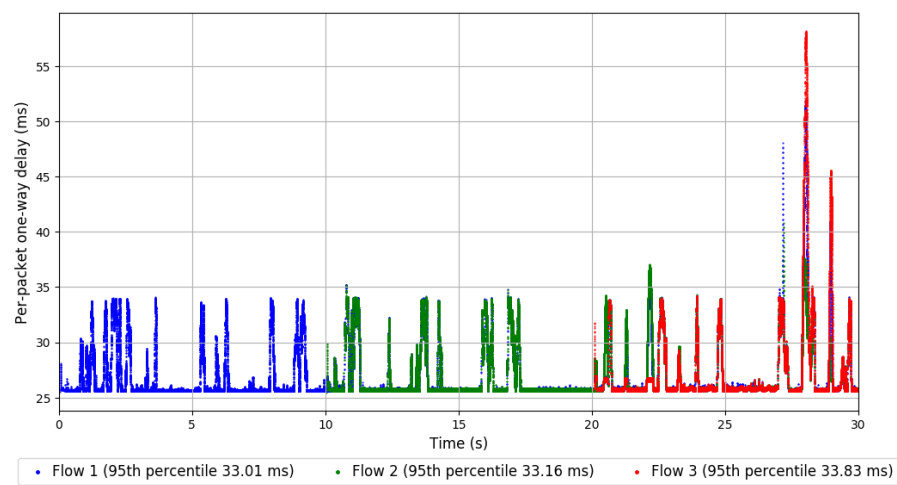
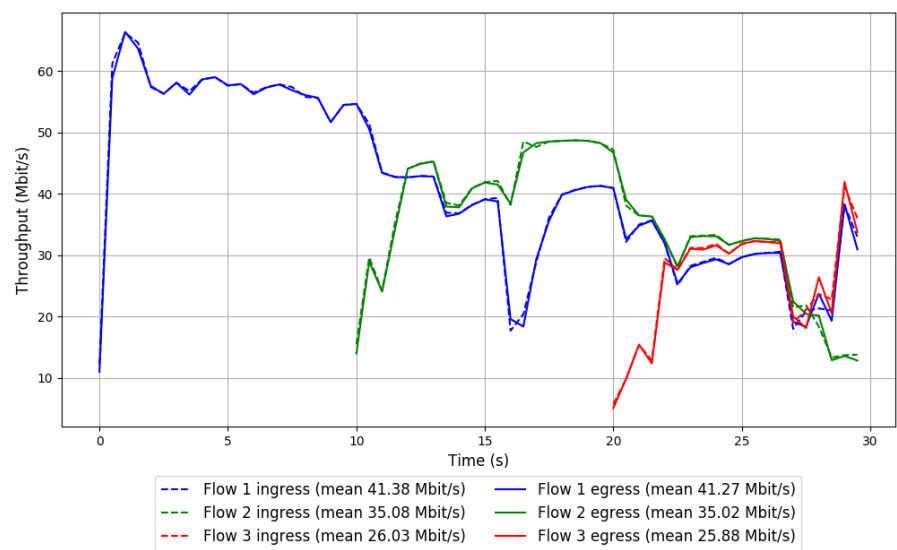


Run 1: Statistics of Copa

Start at: 2018-01-31 21:33:05
End at: 2018-01-31 21:33:35
Local clock offset: 1.296 ms
Remote clock offset: -3.689 ms

Below is generated by plot.py at 2018-02-01 06:37:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.15 Mbit/s
95th percentile per-packet one-way delay: 33.177 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 41.27 Mbit/s
95th percentile per-packet one-way delay: 33.010 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 35.02 Mbit/s
95th percentile per-packet one-way delay: 33.164 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 25.88 Mbit/s
95th percentile per-packet one-way delay: 33.829 ms
Loss rate: 1.12%

Run 1: Report of Copa — Data Link

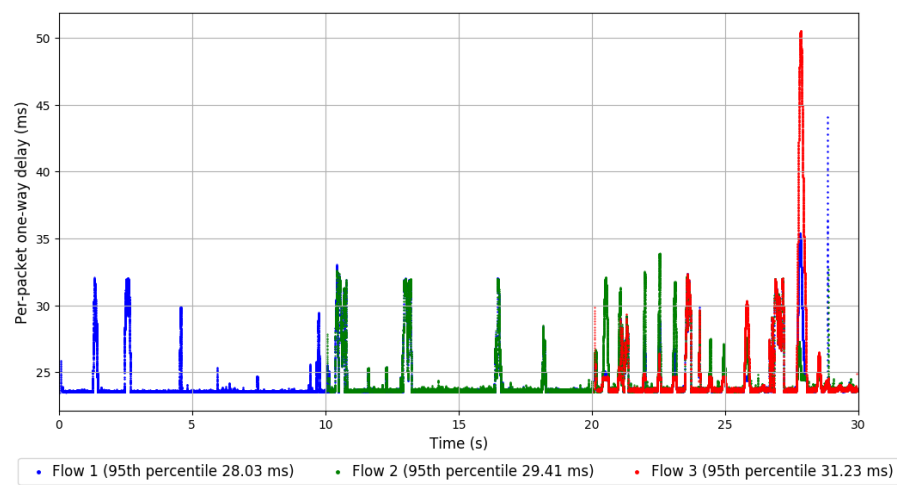
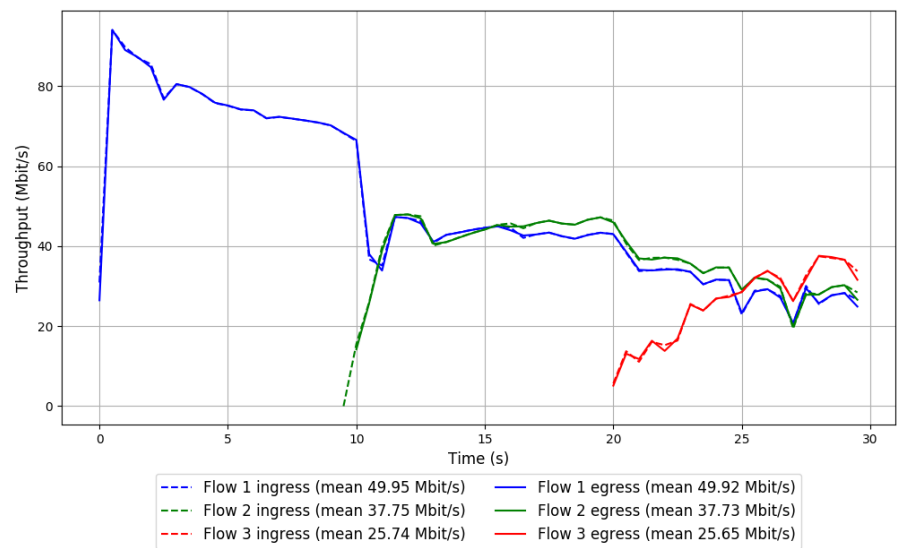


Run 2: Statistics of Copa

Start at: 2018-01-31 21:57:50
End at: 2018-01-31 21:58:20
Local clock offset: 1.382 ms
Remote clock offset: -1.293 ms

Below is generated by plot.py at 2018-02-01 06:37:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 28.862 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 28.028 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 37.73 Mbit/s
95th percentile per-packet one-way delay: 29.412 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 25.65 Mbit/s
95th percentile per-packet one-way delay: 31.230 ms
Loss rate: 0.87%

Run 2: Report of Copa — Data Link

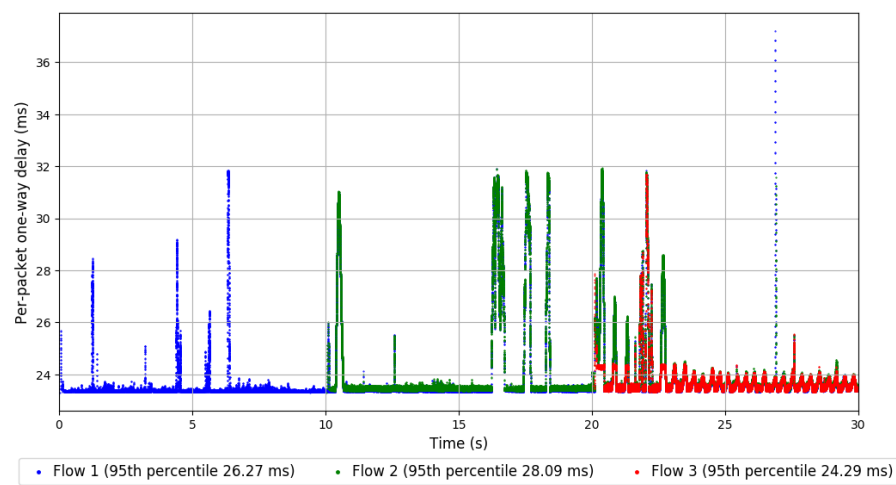
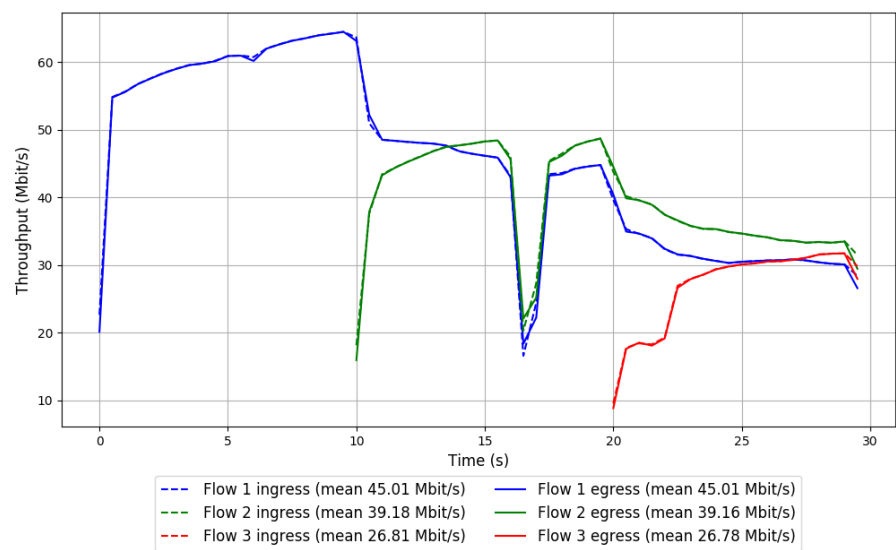


Run 3: Statistics of Copa

Start at: 2018-01-31 22:22:24
End at: 2018-01-31 22:22:54
Local clock offset: 1.352 ms
Remote clock offset: -1.061 ms

Below is generated by plot.py at 2018-02-01 06:38:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.94 Mbit/s
95th percentile per-packet one-way delay: 26.719 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 45.01 Mbit/s
95th percentile per-packet one-way delay: 26.269 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 39.16 Mbit/s
95th percentile per-packet one-way delay: 28.090 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 24.292 ms
Loss rate: 0.64%

Run 3: Report of Copa — Data Link

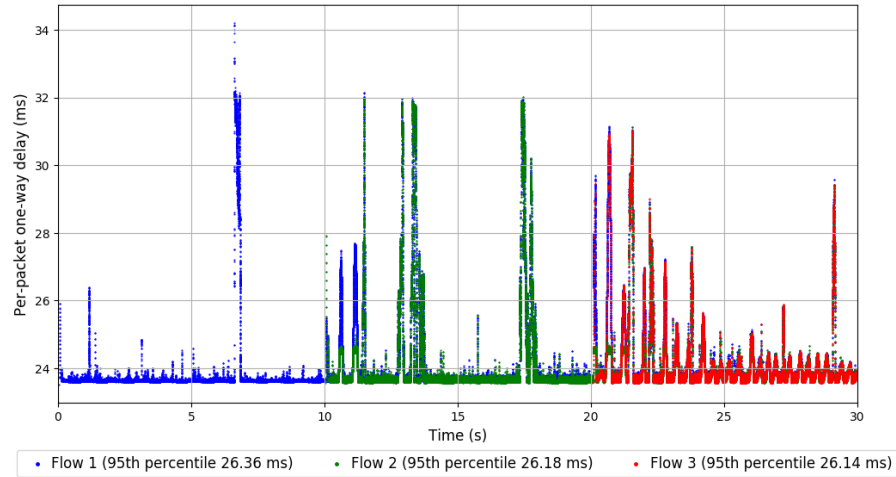
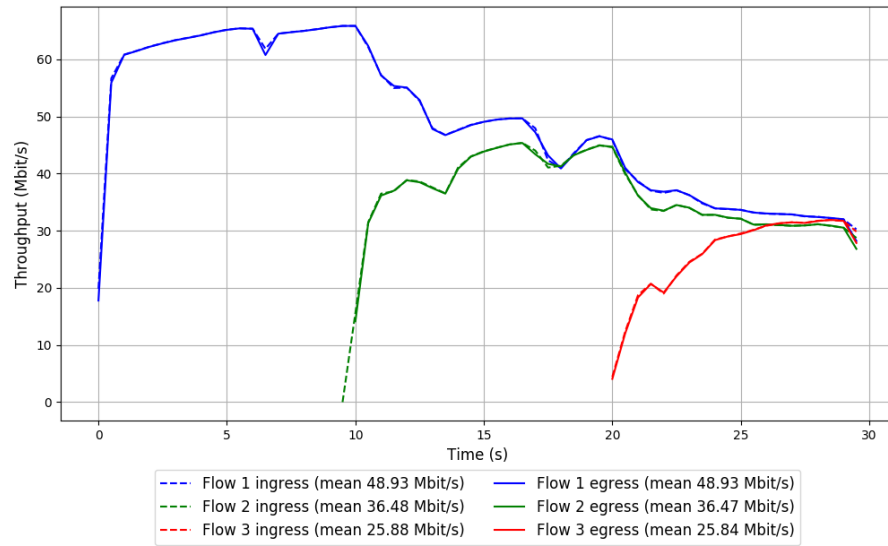


Run 4: Statistics of Copa

Start at: 2018-01-31 22:47:29
End at: 2018-01-31 22:47:59
Local clock offset: 1.589 ms
Remote clock offset: -0.847 ms

Below is generated by plot.py at 2018-02-01 06:38:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.77 Mbit/s
95th percentile per-packet one-way delay: 26.279 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 48.93 Mbit/s
95th percentile per-packet one-way delay: 26.362 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 36.47 Mbit/s
95th percentile per-packet one-way delay: 26.175 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 26.145 ms
Loss rate: 0.68%

Run 4: Report of Copa — Data Link

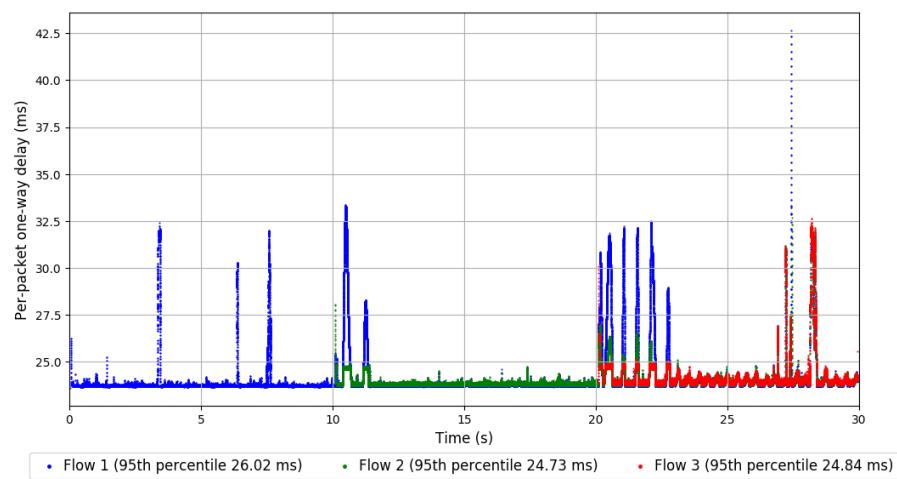
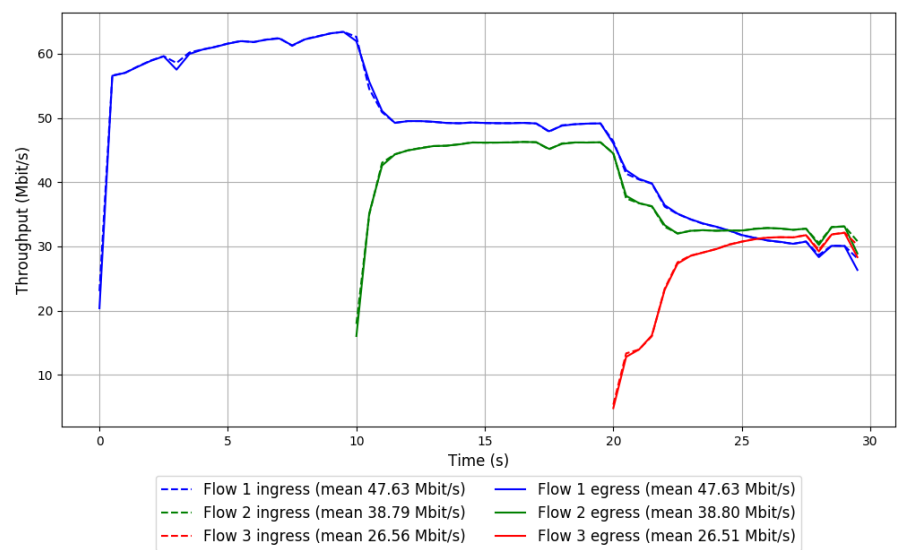


Run 5: Statistics of Copa

Start at: 2018-01-31 23:12:09
End at: 2018-01-31 23:12:39
Local clock offset: 1.607 ms
Remote clock offset: -0.646 ms

Below is generated by plot.py at 2018-02-01 06:38:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.21 Mbit/s
95th percentile per-packet one-way delay: 24.886 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 26.021 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 38.80 Mbit/s
95th percentile per-packet one-way delay: 24.729 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 24.839 ms
Loss rate: 0.70%

Run 5: Report of Copa — Data Link

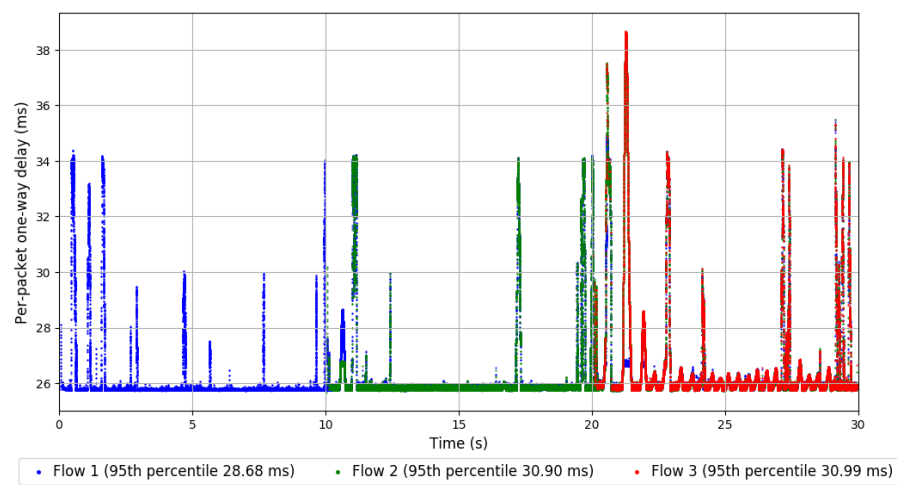
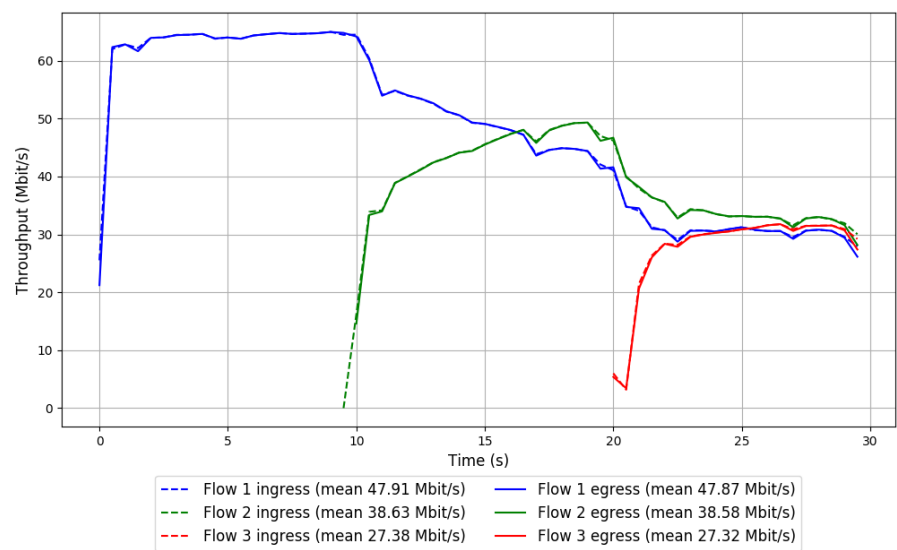


Run 6: Statistics of Copa

Start at: 2018-01-31 23:36:42
End at: 2018-01-31 23:37:12
Local clock offset: 1.59 ms
Remote clock offset: -2.561 ms

Below is generated by plot.py at 2018-02-01 06:38:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.60 Mbit/s
95th percentile per-packet one-way delay: 29.628 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 47.87 Mbit/s
95th percentile per-packet one-way delay: 28.683 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 38.58 Mbit/s
95th percentile per-packet one-way delay: 30.896 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 30.989 ms
Loss rate: 0.80%

Run 6: Report of Copa — Data Link

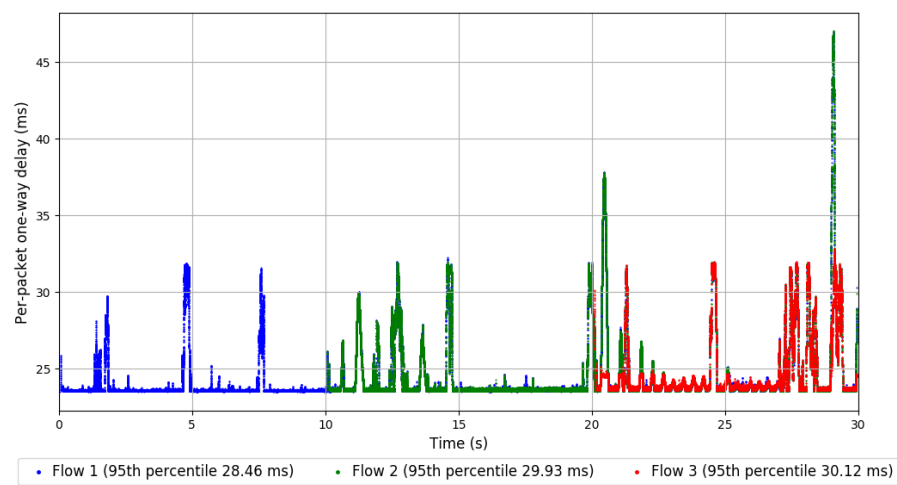
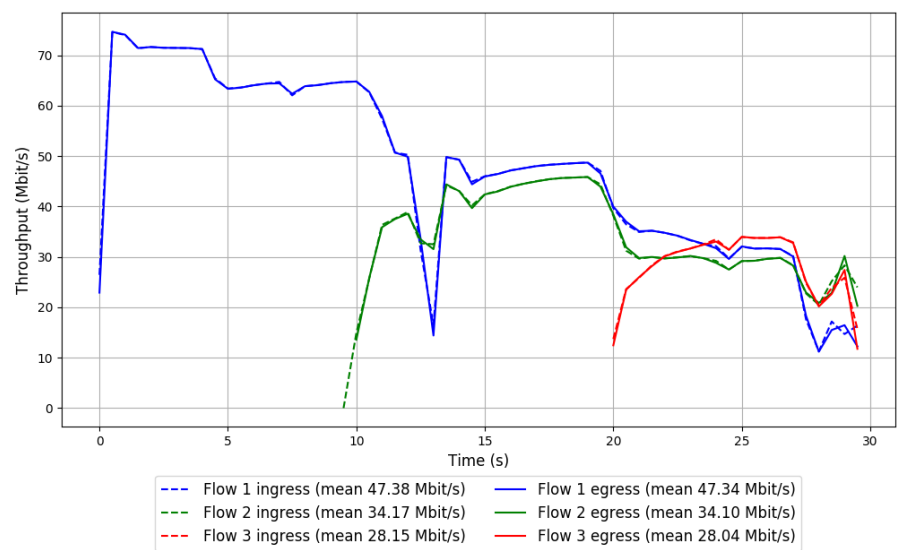


Run 7: Statistics of Copa

Start at: 2018-02-01 00:01:50
End at: 2018-02-01 00:02:20
Local clock offset: 1.553 ms
Remote clock offset: -0.571 ms

Below is generated by plot.py at 2018-02-01 06:39:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.32 Mbit/s
95th percentile per-packet one-way delay: 29.330 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 47.34 Mbit/s
95th percentile per-packet one-way delay: 28.457 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 34.10 Mbit/s
95th percentile per-packet one-way delay: 29.935 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 30.118 ms
Loss rate: 0.99%

Run 7: Report of Copa — Data Link

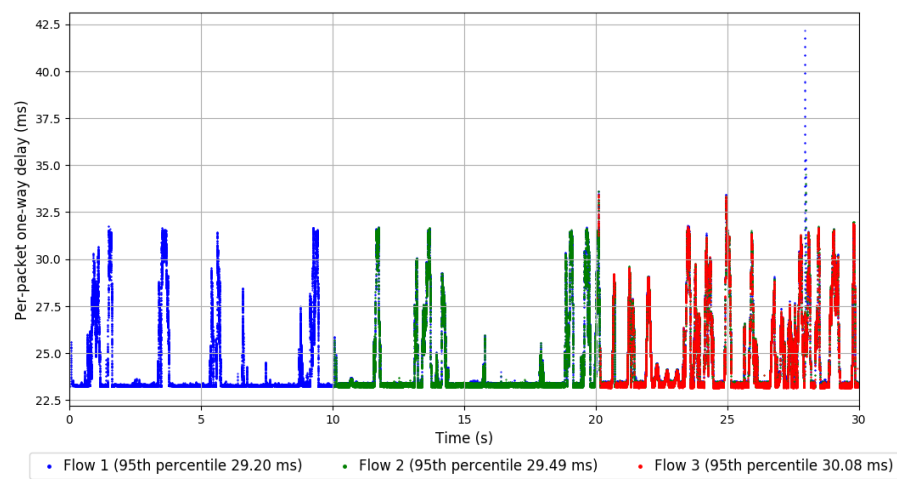
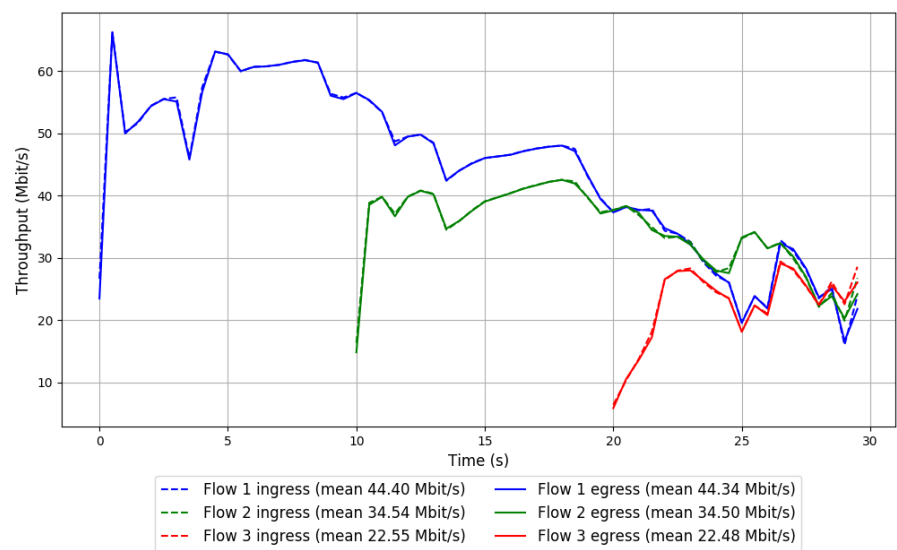


Run 8: Statistics of Copa

Start at: 2018-02-01 00:26:49
End at: 2018-02-01 00:27:19
Local clock offset: 1.528 ms
Remote clock offset: -0.438 ms

Below is generated by plot.py at 2018-02-01 06:39:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.74 Mbit/s
95th percentile per-packet one-way delay: 29.424 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 44.34 Mbit/s
95th percentile per-packet one-way delay: 29.205 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 34.50 Mbit/s
95th percentile per-packet one-way delay: 29.492 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 30.083 ms
Loss rate: 0.91%

Run 8: Report of Copa — Data Link

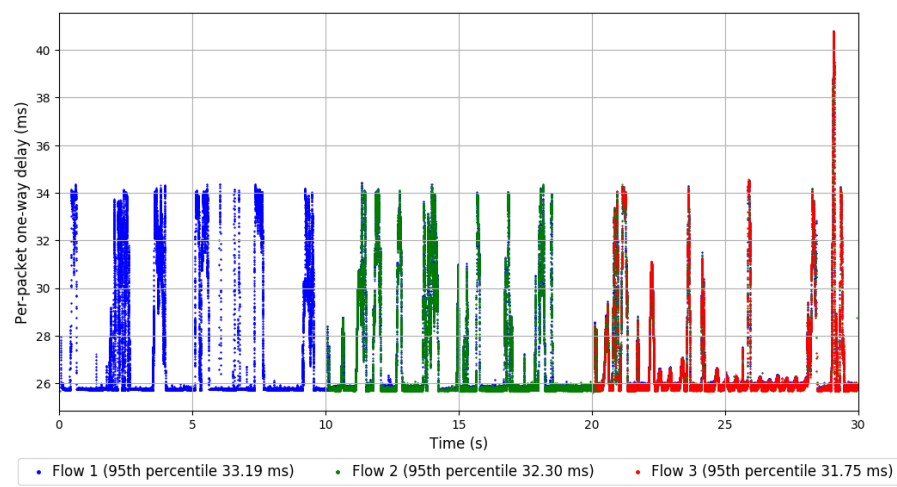
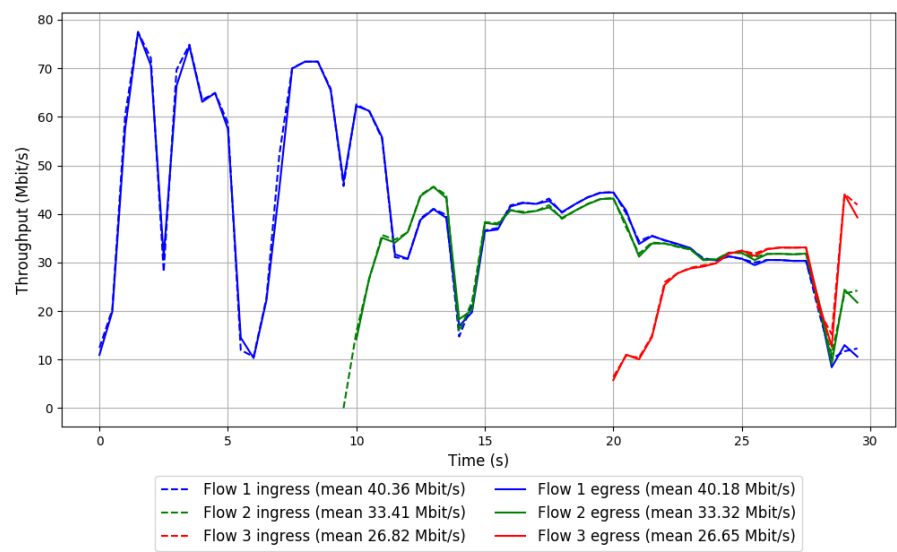


Run 9: Statistics of Copa

Start at: 2018-02-01 00:51:50
End at: 2018-02-01 00:52:20
Local clock offset: 1.475 ms
Remote clock offset: -3.188 ms

Below is generated by plot.py at 2018-02-01 06:39:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.18 Mbit/s
95th percentile per-packet one-way delay: 32.897 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 40.18 Mbit/s
95th percentile per-packet one-way delay: 33.189 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 32.300 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 31.749 ms
Loss rate: 1.19%

Run 9: Report of Copa — Data Link

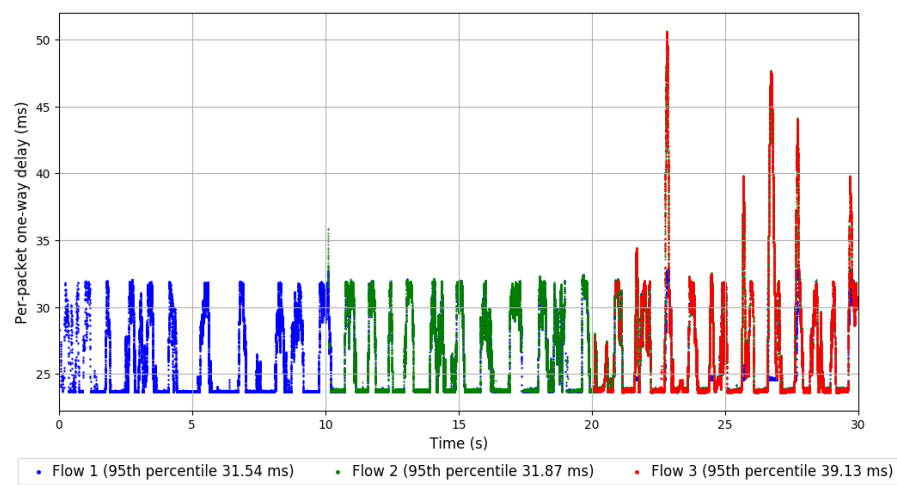
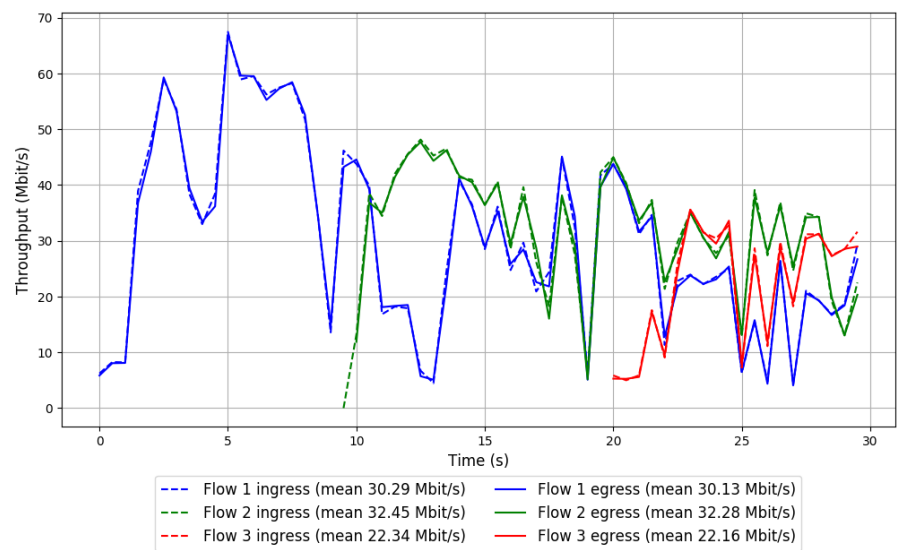


Run 10: Statistics of Copa

Start at: 2018-02-01 01:17:43
End at: 2018-02-01 01:18:13
Local clock offset: 1.532 ms
Remote clock offset: -1.073 ms

Below is generated by plot.py at 2018-02-01 06:39:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 31.744 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 30.13 Mbit/s
95th percentile per-packet one-way delay: 31.543 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 31.867 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 39.132 ms
Loss rate: 1.32%

Run 10: Report of Copa — Data Link

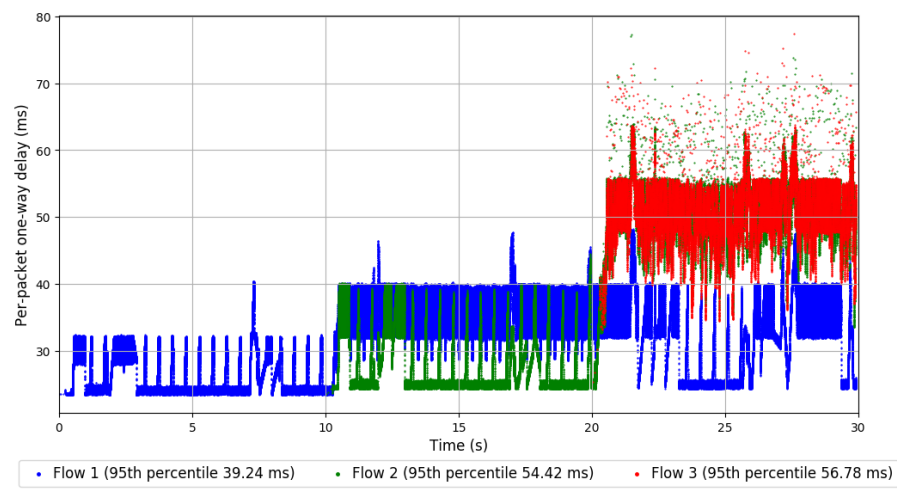
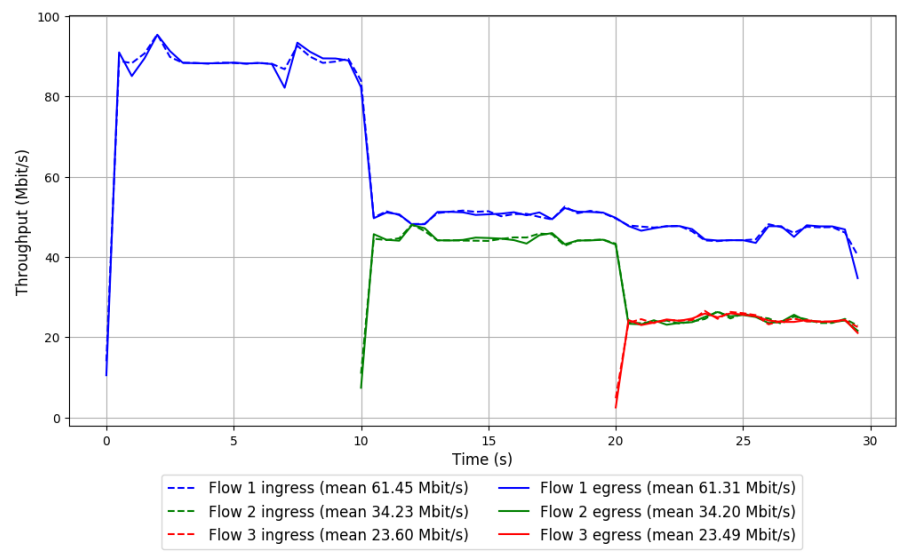


Run 1: Statistics of FillP

Start at: 2018-01-31 21:45:36
End at: 2018-01-31 21:46:06
Local clock offset: 1.352 ms
Remote clock offset: -1.414 ms

Below is generated by plot.py at 2018-02-01 06:40:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 52.807 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 61.31 Mbit/s
95th percentile per-packet one-way delay: 39.237 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 54.423 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 23.49 Mbit/s
95th percentile per-packet one-way delay: 56.783 ms
Loss rate: 1.06%

Run 1: Report of FillP — Data Link

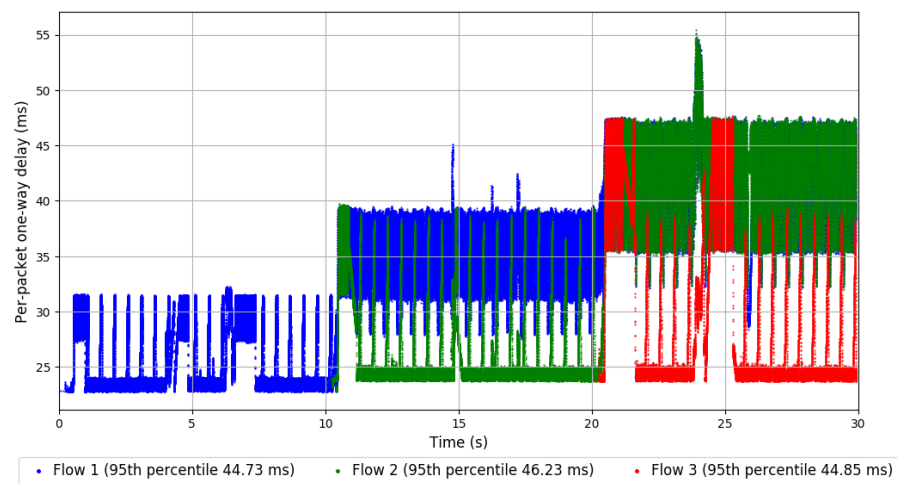
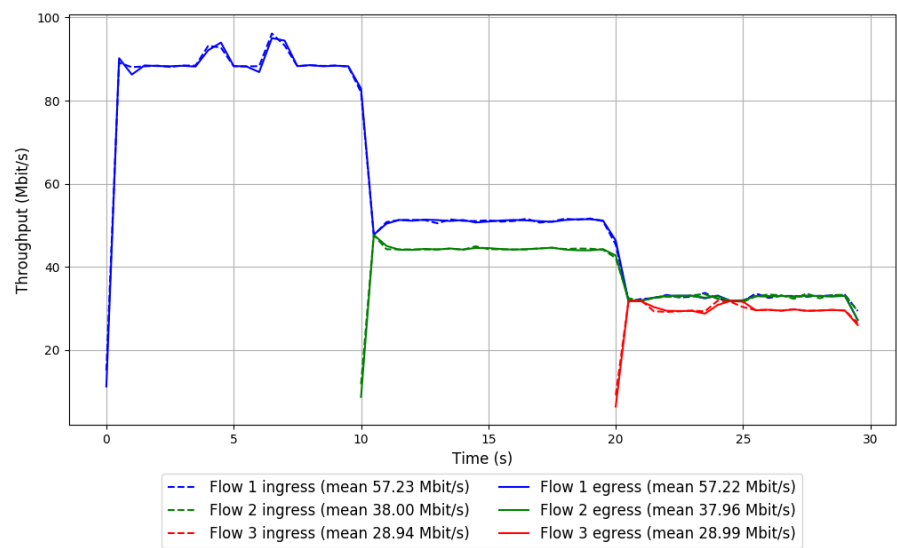


Run 2: Statistics of FillP

Start at: 2018-01-31 22:10:08
End at: 2018-01-31 22:10:38
Local clock offset: 1.265 ms
Remote clock offset: -0.791 ms

Below is generated by plot.py at 2018-02-01 06:40:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.06 Mbit/s
95th percentile per-packet one-way delay: 45.435 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 57.22 Mbit/s
95th percentile per-packet one-way delay: 44.725 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 46.232 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 28.99 Mbit/s
95th percentile per-packet one-way delay: 44.855 ms
Loss rate: 0.38%

Run 2: Report of FillP — Data Link

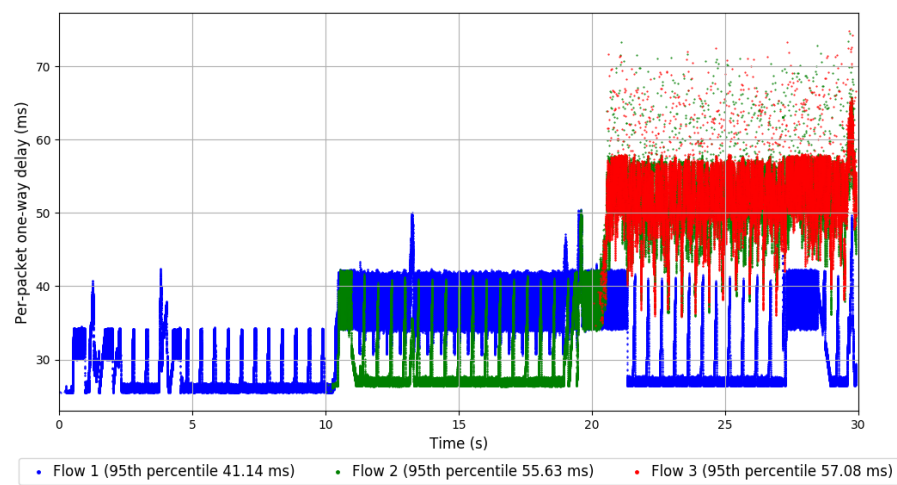
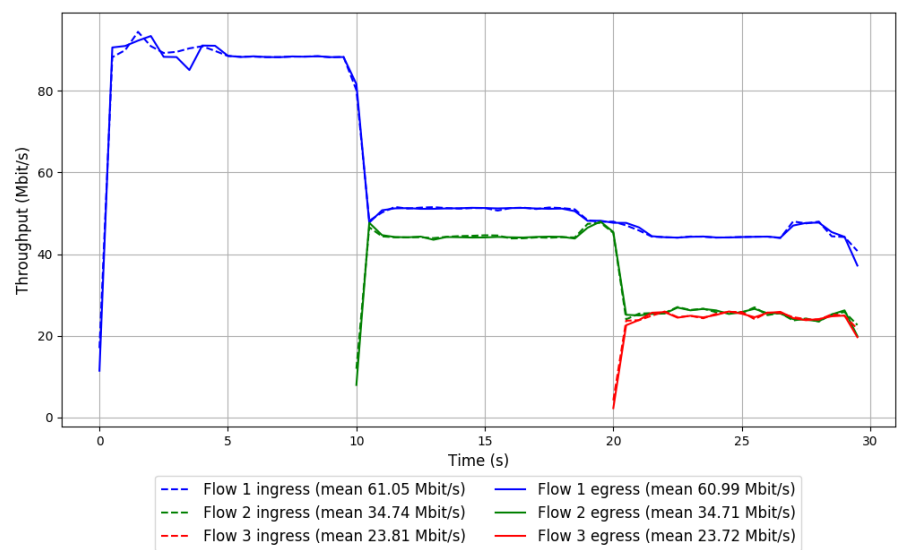


Run 3: Statistics of FillP

Start at: 2018-01-31 22:35:08
End at: 2018-01-31 22:35:38
Local clock offset: 1.524 ms
Remote clock offset: -3.157 ms

Below is generated by plot.py at 2018-02-01 06:41:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 54.119 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 60.99 Mbit/s
95th percentile per-packet one-way delay: 41.144 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 55.631 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 57.081 ms
Loss rate: 1.06%

Run 3: Report of FillP — Data Link

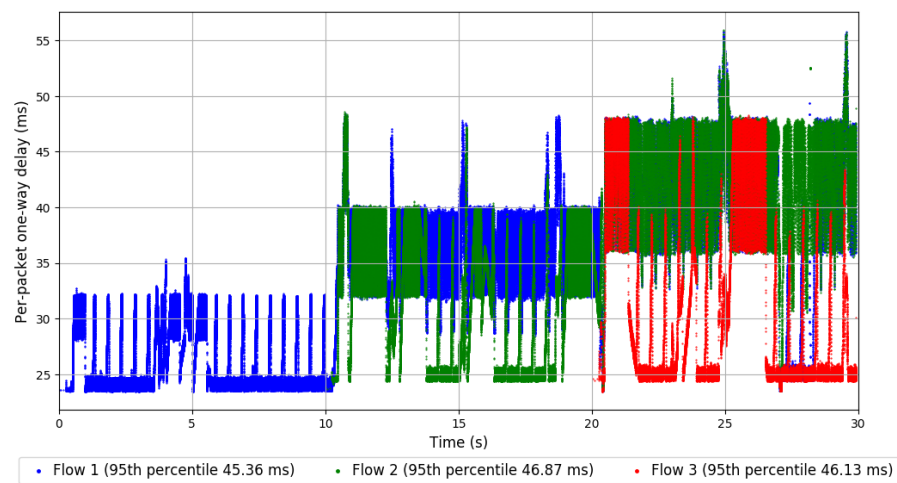
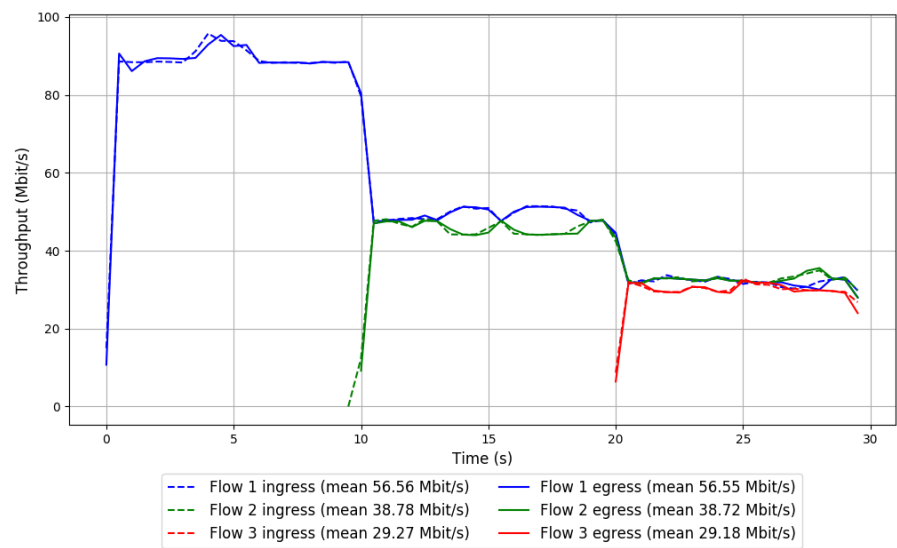


Run 4: Statistics of FillP

Start at: 2018-01-31 22:59:49
End at: 2018-01-31 23:00:19
Local clock offset: 1.59 ms
Remote clock offset: -0.758 ms

Below is generated by plot.py at 2018-02-01 06:41:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 46.165 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 56.55 Mbit/s
95th percentile per-packet one-way delay: 45.362 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 46.872 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: 46.126 ms
Loss rate: 0.80%

Run 4: Report of FillP — Data Link

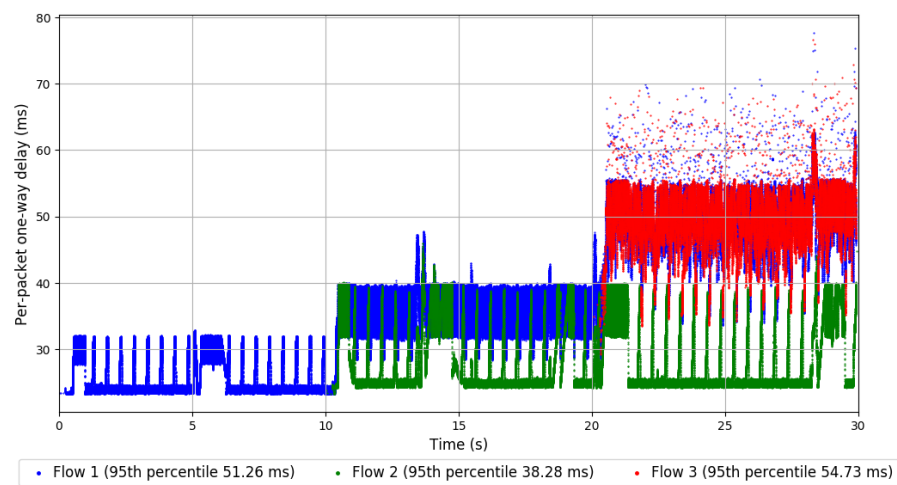
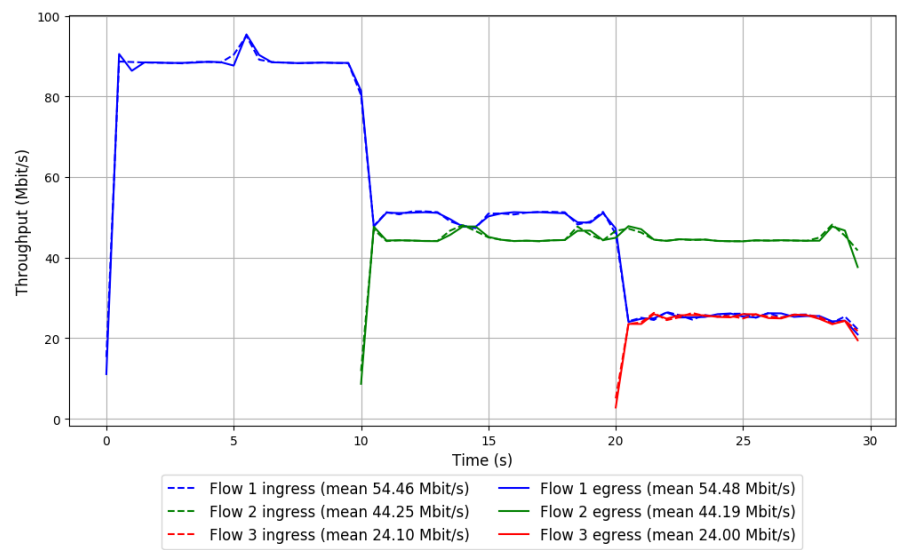


Run 5: Statistics of FillP

Start at: 2018-01-31 23:24:28
End at: 2018-01-31 23:24:58
Local clock offset: 1.518 ms
Remote clock offset: -0.394 ms

Below is generated by plot.py at 2018-02-01 06:41:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 51.793 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 54.48 Mbit/s
95th percentile per-packet one-way delay: 51.261 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 44.19 Mbit/s
95th percentile per-packet one-way delay: 38.277 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 54.735 ms
Loss rate: 1.13%

Run 5: Report of FillP — Data Link

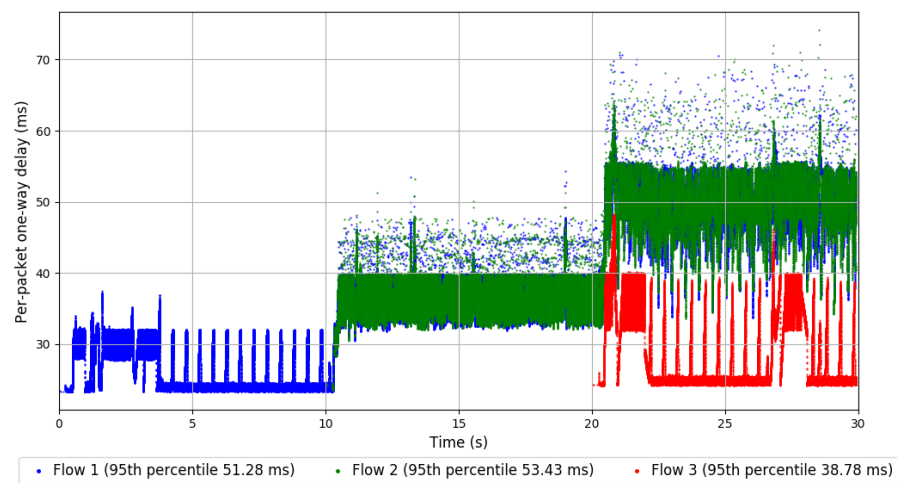
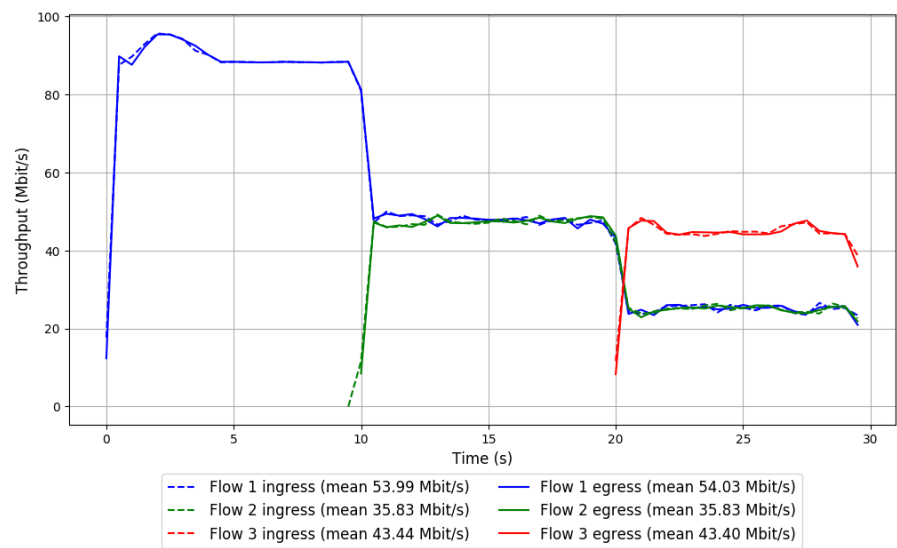


Run 6: Statistics of FillP

Start at: 2018-01-31 23:49:22
End at: 2018-01-31 23:49:52
Local clock offset: 1.504 ms
Remote clock offset: -0.526 ms

Below is generated by plot.py at 2018-02-01 06:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.21 Mbit/s
95th percentile per-packet one-way delay: 51.811 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 51.276 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 35.83 Mbit/s
95th percentile per-packet one-way delay: 53.427 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 43.40 Mbit/s
95th percentile per-packet one-way delay: 38.779 ms
Loss rate: 0.64%

Run 6: Report of FillP — Data Link

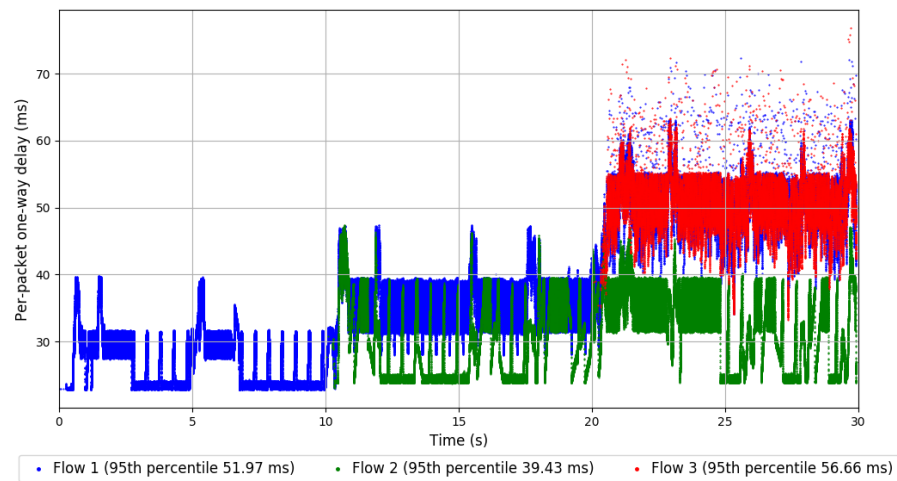
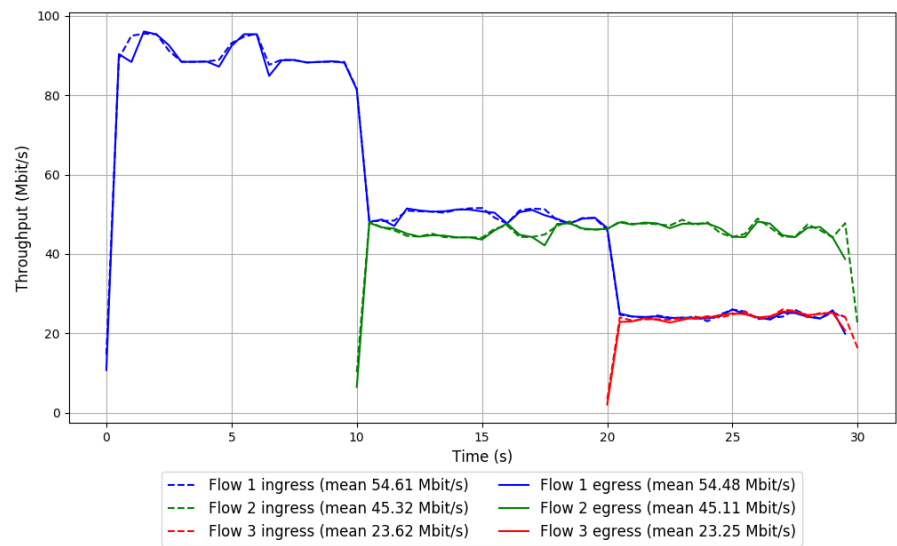


Run 7: Statistics of FillP

Start at: 2018-02-01 00:14:12
End at: 2018-02-01 00:14:42
Local clock offset: 1.538 ms
Remote clock offset: -0.261 ms

Below is generated by plot.py at 2018-02-01 06:42:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.13 Mbit/s
95th percentile per-packet one-way delay: 52.458 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 54.48 Mbit/s
95th percentile per-packet one-way delay: 51.974 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 39.427 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 23.25 Mbit/s
95th percentile per-packet one-way delay: 56.661 ms
Loss rate: 4.79%

Run 7: Report of FillP — Data Link

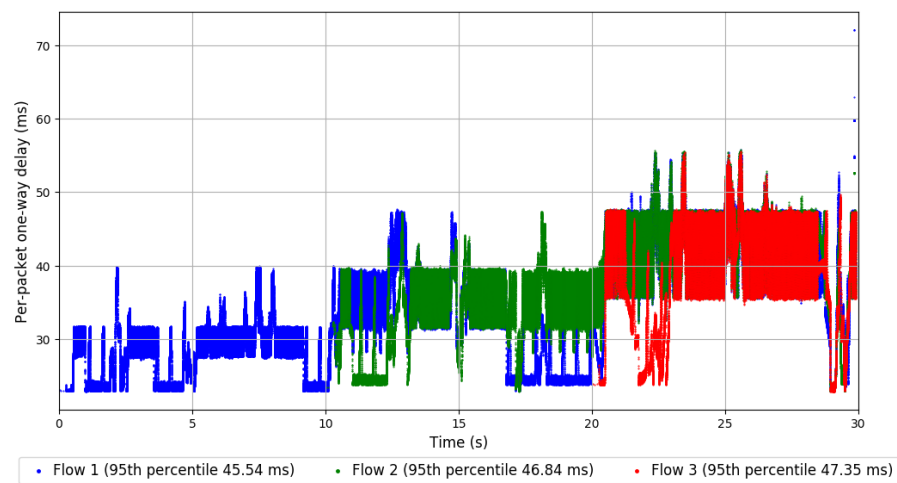
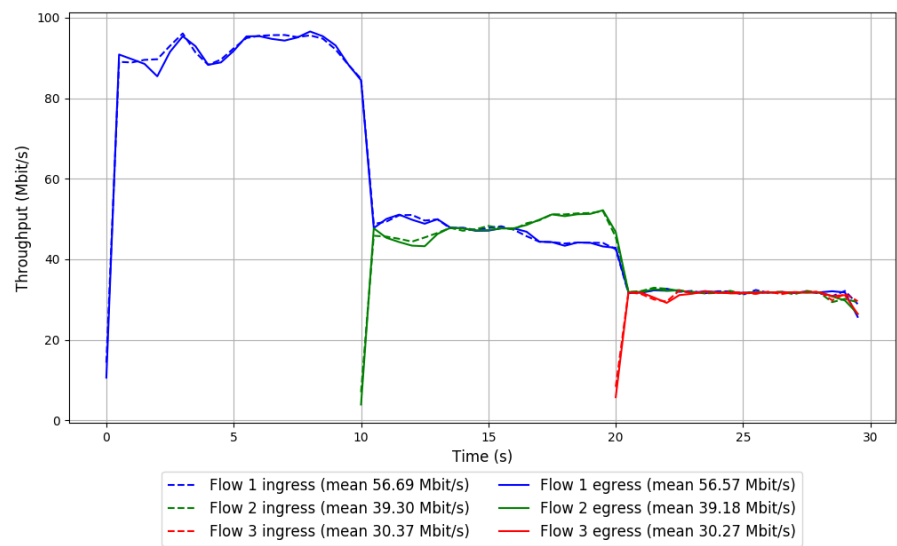


Run 8: Statistics of FillP

Start at: 2018-02-01 00:39:27
End at: 2018-02-01 00:39:57
Local clock offset: 1.522 ms
Remote clock offset: -0.452 ms

Below is generated by plot.py at 2018-02-01 06:42:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.62 Mbit/s
95th percentile per-packet one-way delay: 46.453 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 56.57 Mbit/s
95th percentile per-packet one-way delay: 45.541 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 46.843 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 30.27 Mbit/s
95th percentile per-packet one-way delay: 47.346 ms
Loss rate: 0.99%

Run 8: Report of FillP — Data Link

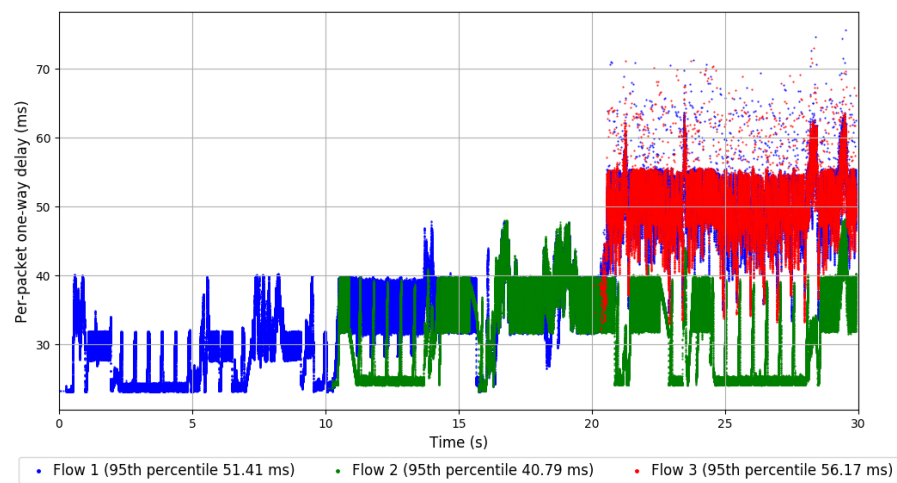
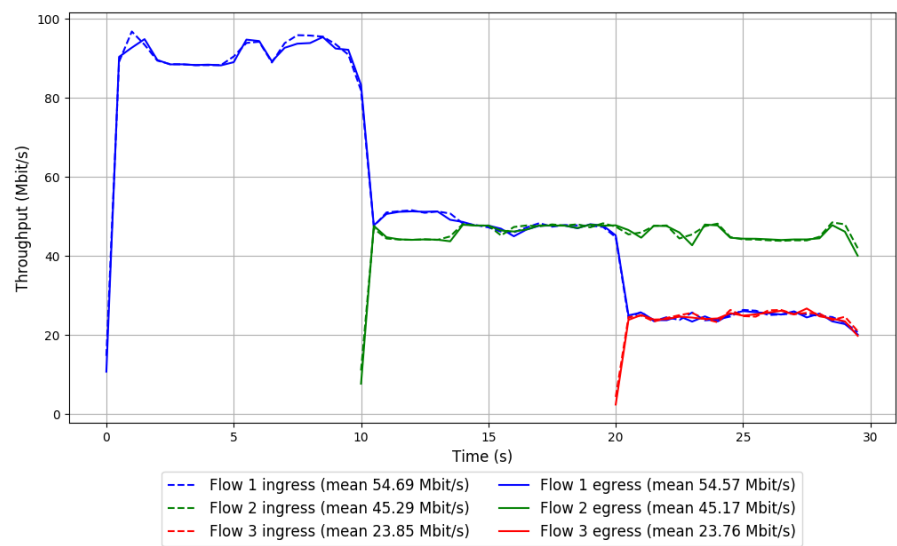


Run 9: Statistics of FillP

Start at: 2018-02-01 01:04:35
End at: 2018-02-01 01:05:05
Local clock offset: 1.437 ms
Remote clock offset: -0.918 ms

Below is generated by plot.py at 2018-02-01 06:43:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 52.057 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 54.57 Mbit/s
95th percentile per-packet one-way delay: 51.414 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 45.17 Mbit/s
95th percentile per-packet one-way delay: 40.791 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 56.166 ms
Loss rate: 1.15%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-02-01 01:31:25

End at: 2018-02-01 01:31:55

Local clock offset: 1.513 ms

Remote clock offset: -0.93 ms

Below is generated by plot.py at 2018-02-01 06:43:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.38 Mbit/s

95th percentile per-packet one-way delay: 51.935 ms

Loss rate: 1.59%

-- Flow 1:

Average throughput: 56.46 Mbit/s

95th percentile per-packet one-way delay: 50.211 ms

Loss rate: 1.47%

-- Flow 2:

Average throughput: 38.96 Mbit/s

95th percentile per-packet one-way delay: 52.108 ms

Loss rate: 1.70%

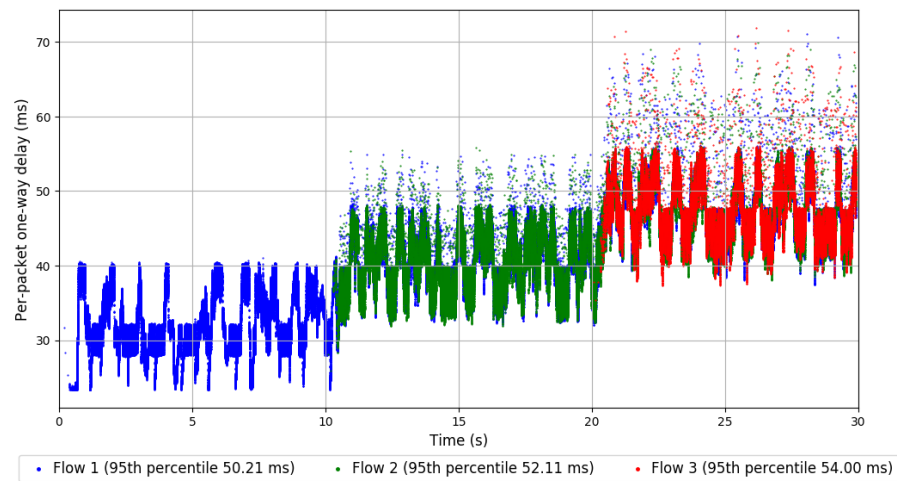
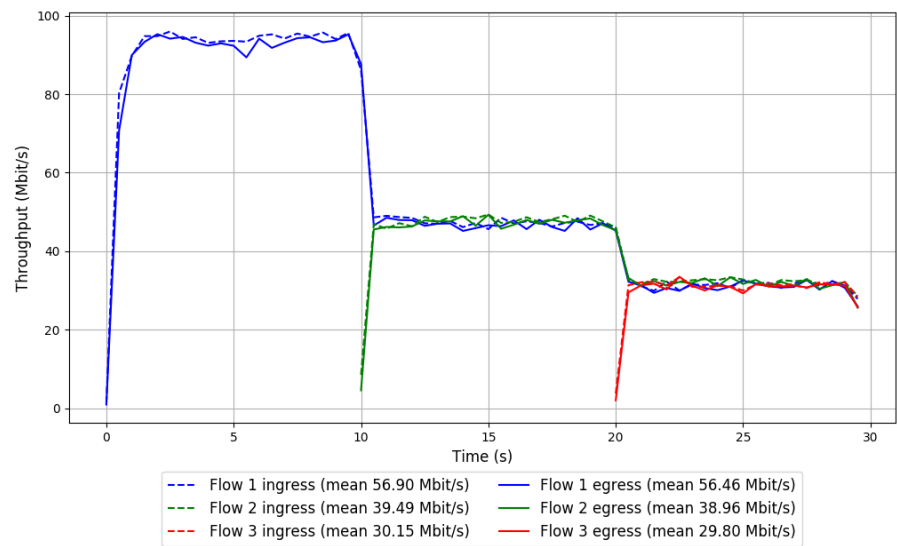
-- Flow 3:

Average throughput: 29.80 Mbit/s

95th percentile per-packet one-way delay: 54.003 ms

Loss rate: 2.00%

Run 10: Report of FillP — Data Link

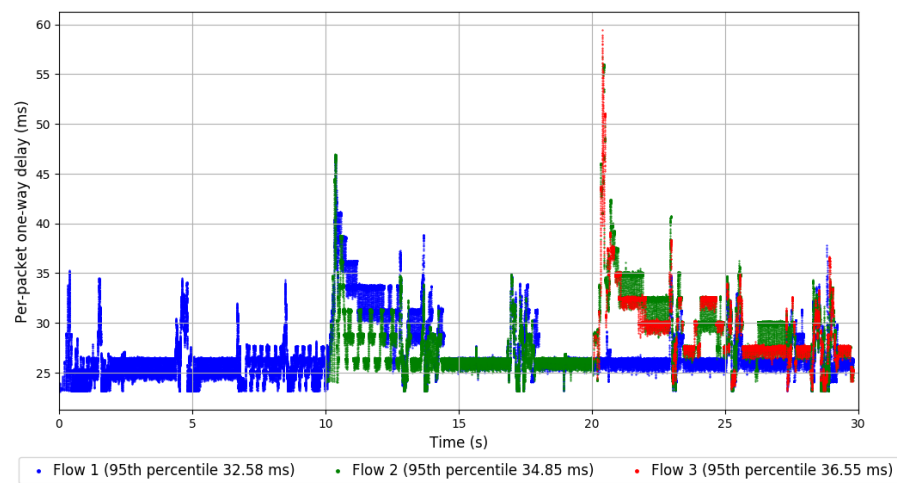
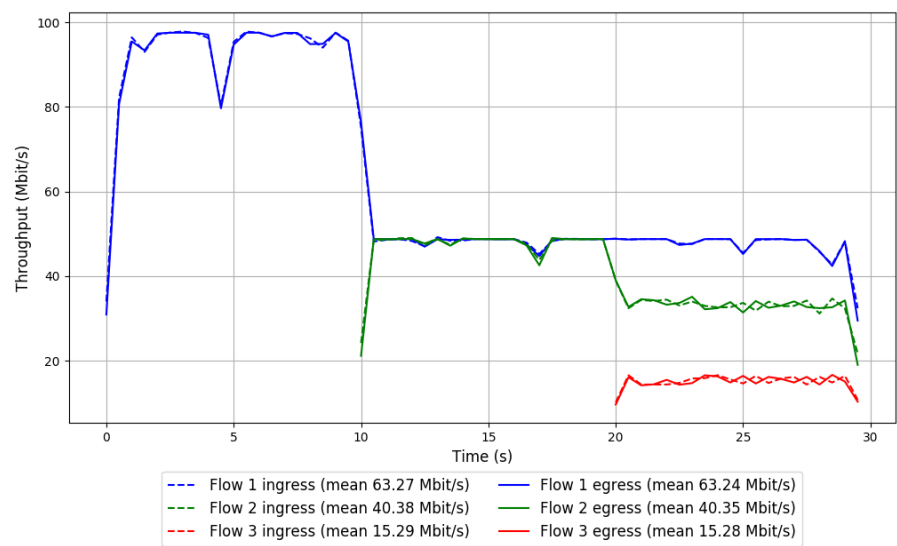


Run 1: Statistics of Indigo-1-32

Start at: 2018-01-31 21:46:59
End at: 2018-01-31 21:47:29
Local clock offset: 1.282 ms
Remote clock offset: -1.041 ms

Below is generated by plot.py at 2018-02-01 06:43:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 33.579 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 63.24 Mbit/s
95th percentile per-packet one-way delay: 32.577 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 34.850 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 15.28 Mbit/s
95th percentile per-packet one-way delay: 36.546 ms
Loss rate: 0.62%

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

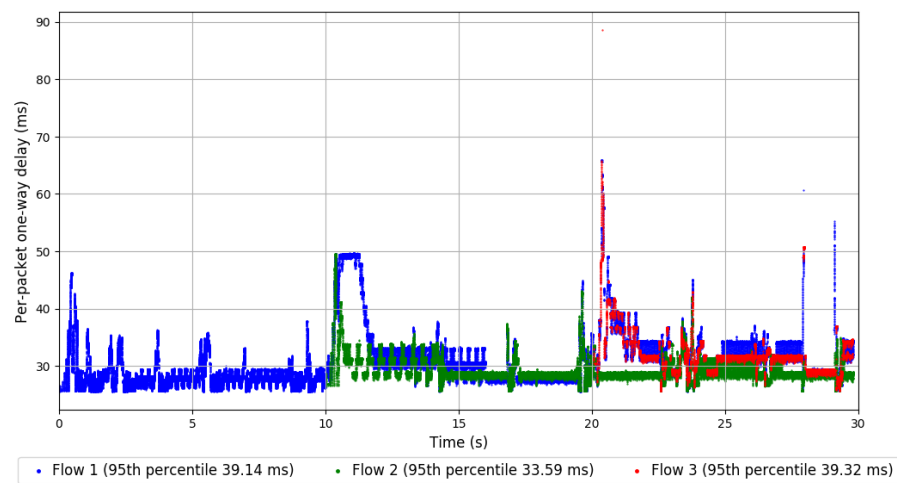
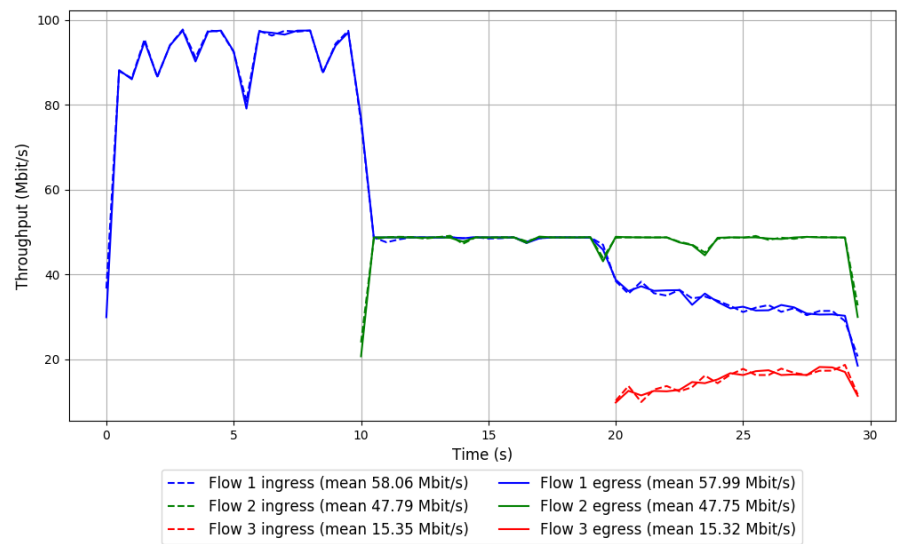


Run 2: Statistics of Indigo-1-32

Start at: 2018-01-31 22:11:31
End at: 2018-01-31 22:12:01
Local clock offset: 1.356 ms
Remote clock offset: -3.292 ms

Below is generated by plot.py at 2018-02-01 06:43:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 36.696 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 57.99 Mbit/s
95th percentile per-packet one-way delay: 39.141 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 47.75 Mbit/s
95th percentile per-packet one-way delay: 33.593 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 15.32 Mbit/s
95th percentile per-packet one-way delay: 39.320 ms
Loss rate: 0.76%

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

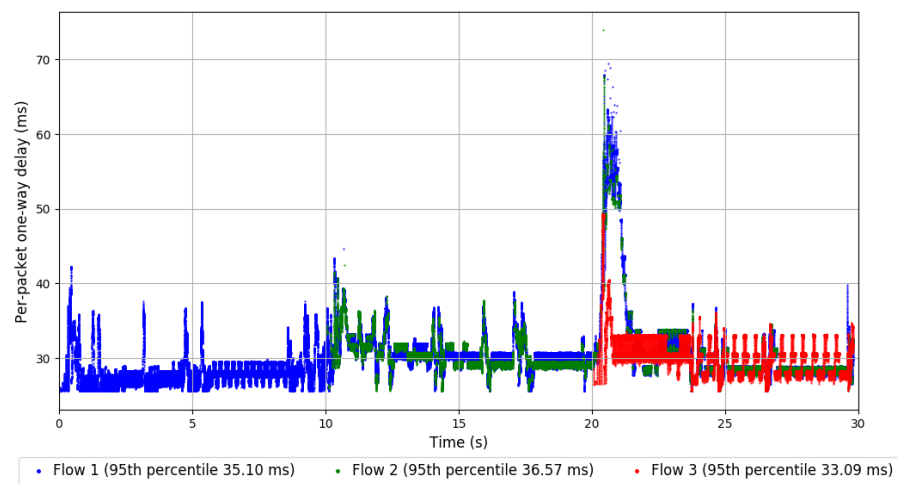
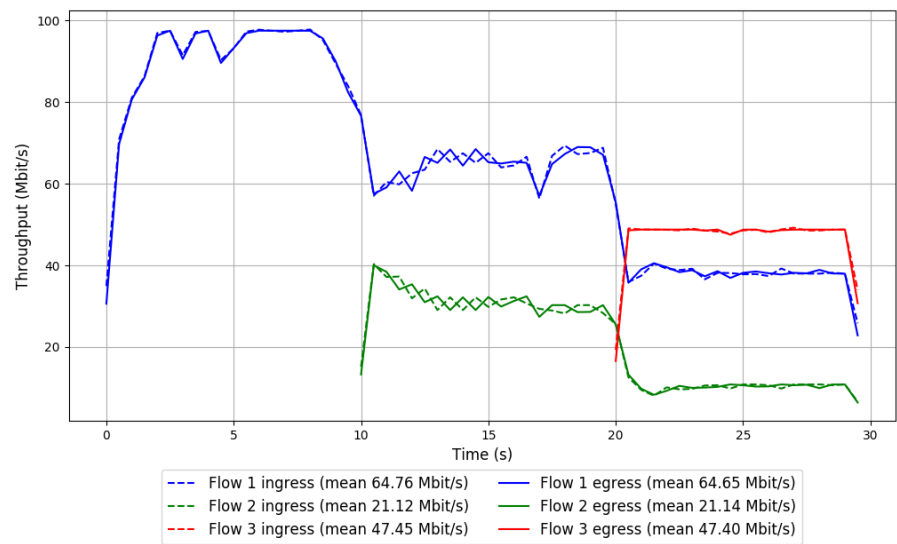


Run 3: Statistics of Indigo-1-32

Start at: 2018-01-31 22:36:33
End at: 2018-01-31 22:37:03
Local clock offset: 1.461 ms
Remote clock offset: -3.083 ms

Below is generated by plot.py at 2018-02-01 06:43:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 35.151 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 64.65 Mbit/s
95th percentile per-packet one-way delay: 35.097 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 21.14 Mbit/s
95th percentile per-packet one-way delay: 36.570 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 47.40 Mbit/s
95th percentile per-packet one-way delay: 33.091 ms
Loss rate: 0.65%

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

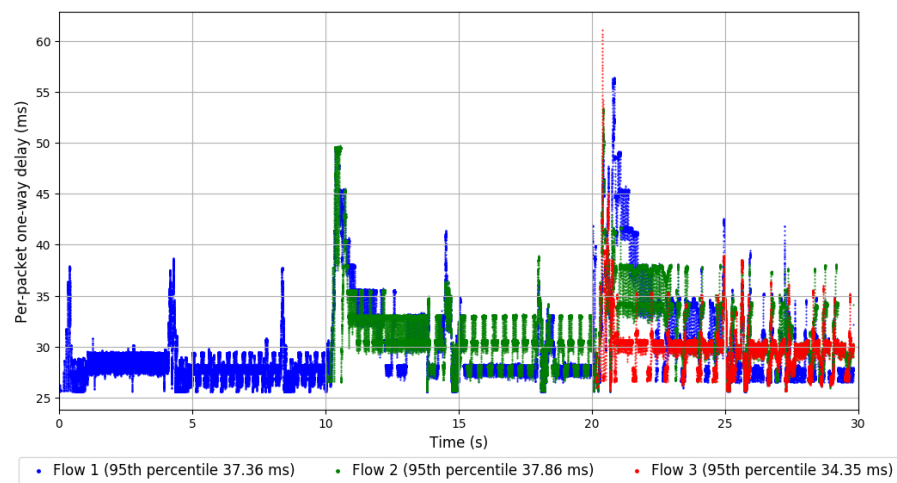
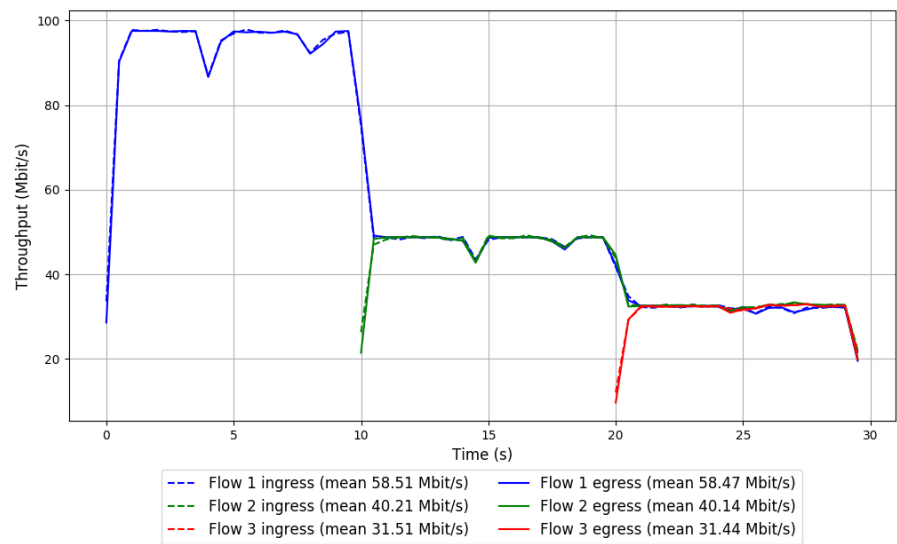


Run 4: Statistics of Indigo-1-32

Start at: 2018-01-31 23:01:12
End at: 2018-01-31 23:01:42
Local clock offset: 1.503 ms
Remote clock offset: -2.764 ms

Below is generated by plot.py at 2018-02-01 06:43:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.35 Mbit/s
95th percentile per-packet one-way delay: 37.584 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 37.360 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: 37.859 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 34.347 ms
Loss rate: 0.76%

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

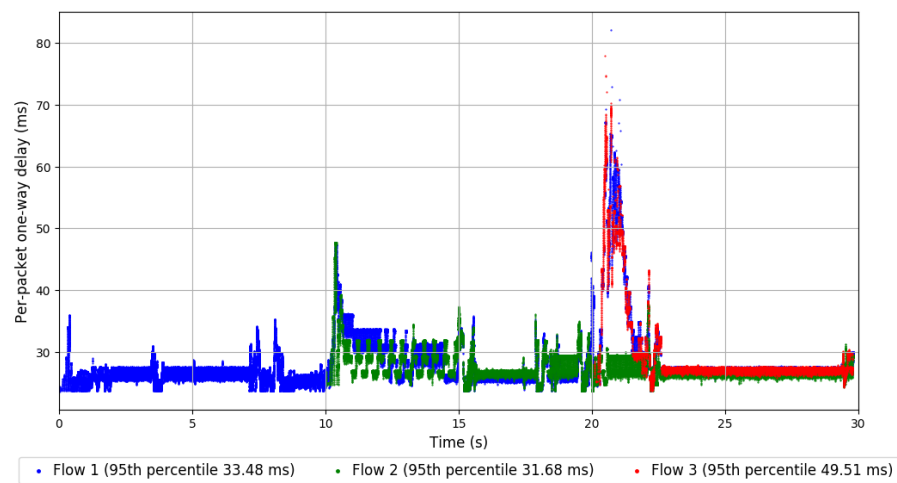
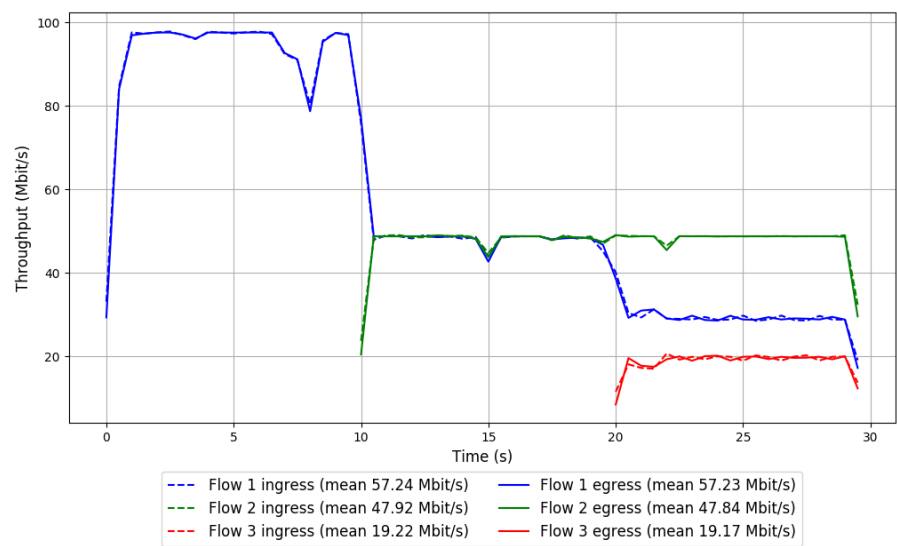


Run 5: Statistics of Indigo-1-32

Start at: 2018-01-31 23:25:51
End at: 2018-01-31 23:26:21
Local clock offset: 1.583 ms
Remote clock offset: -0.464 ms

Below is generated by plot.py at 2018-02-01 06:43:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.22 Mbit/s
95th percentile per-packet one-way delay: 33.330 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 57.23 Mbit/s
95th percentile per-packet one-way delay: 33.479 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 31.681 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 19.17 Mbit/s
95th percentile per-packet one-way delay: 49.511 ms
Loss rate: 0.80%

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

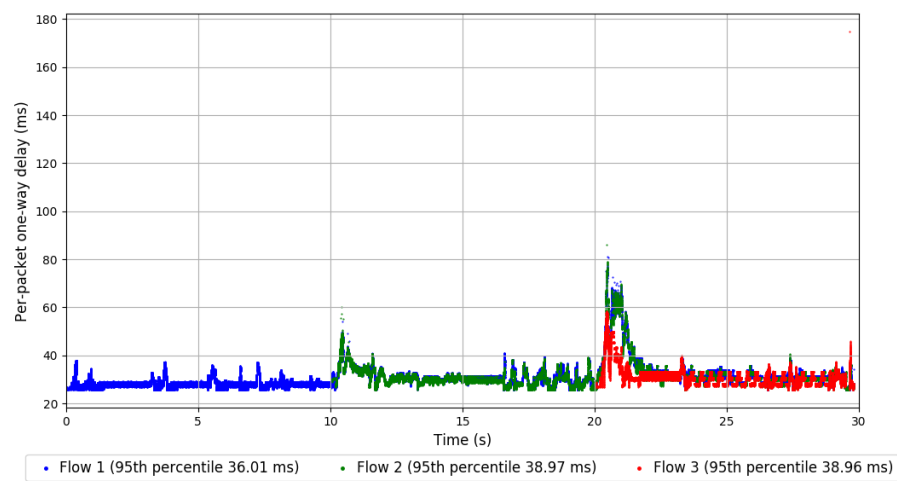
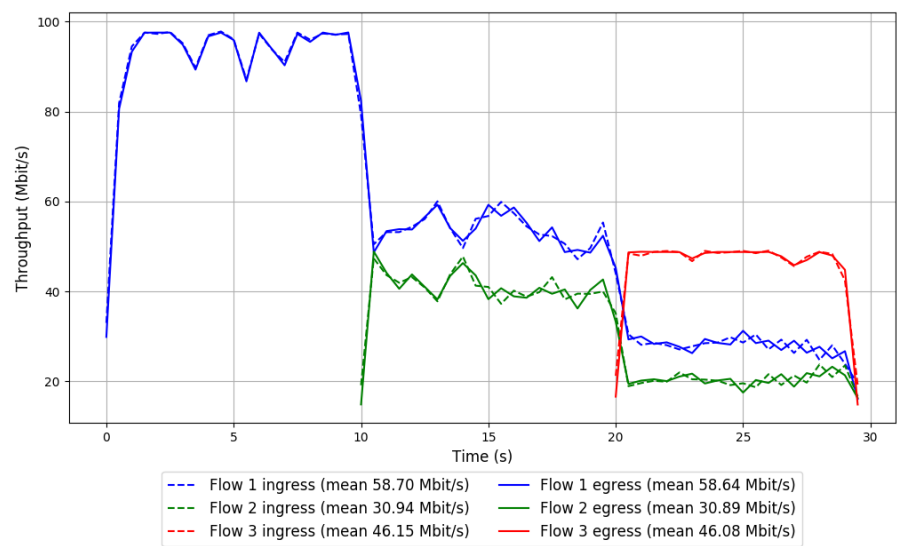


Run 6: Statistics of Indigo-1-32

Start at: 2018-01-31 23:50:49
End at: 2018-01-31 23:51:19
Local clock offset: 1.499 ms
Remote clock offset: -2.681 ms

Below is generated by plot.py at 2018-02-01 06:43:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 36.886 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 58.64 Mbit/s
95th percentile per-packet one-way delay: 36.007 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 30.89 Mbit/s
95th percentile per-packet one-way delay: 38.973 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 46.08 Mbit/s
95th percentile per-packet one-way delay: 38.964 ms
Loss rate: 0.70%

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

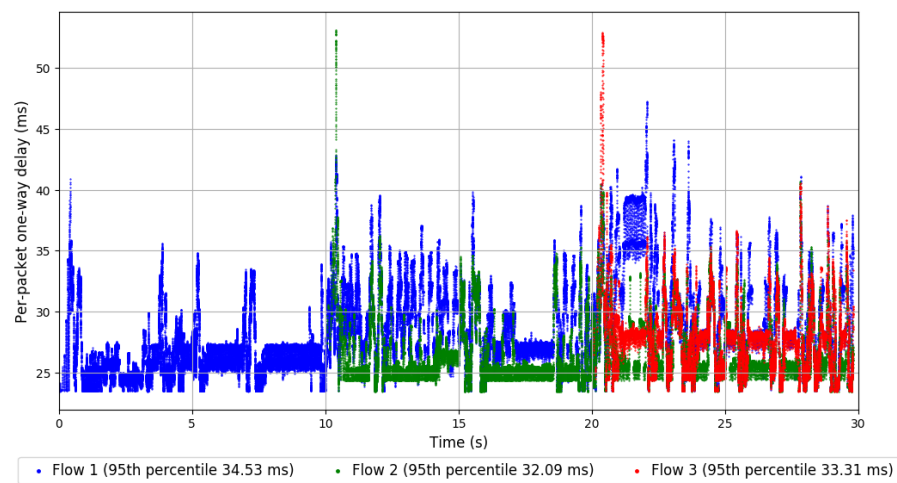
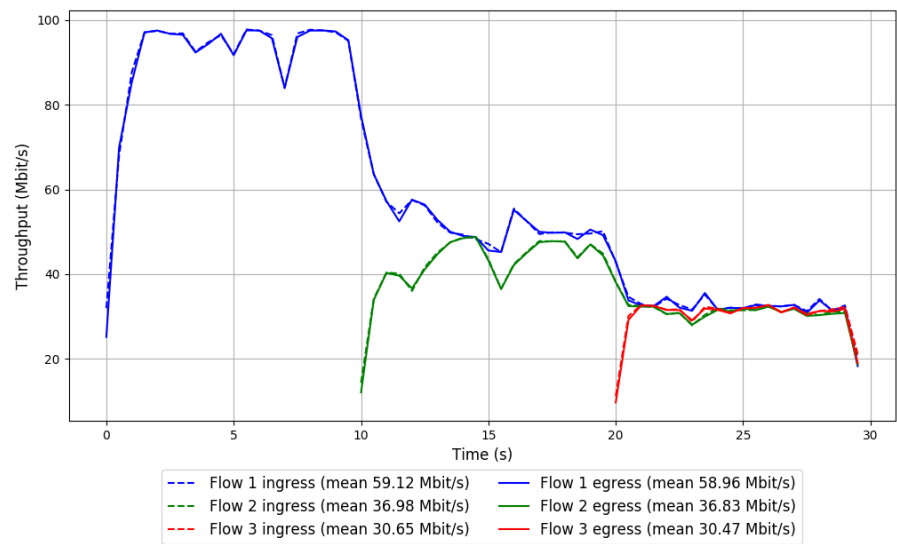


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-01 00:15:36
End at: 2018-02-01 00:16:06
Local clock offset: 1.458 ms
Remote clock offset: -0.694 ms

Below is generated by plot.py at 2018-02-01 06:44:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.33 Mbit/s
95th percentile per-packet one-way delay: 33.649 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 58.96 Mbit/s
95th percentile per-packet one-way delay: 34.527 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 36.83 Mbit/s
95th percentile per-packet one-way delay: 32.091 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 33.307 ms
Loss rate: 1.12%

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

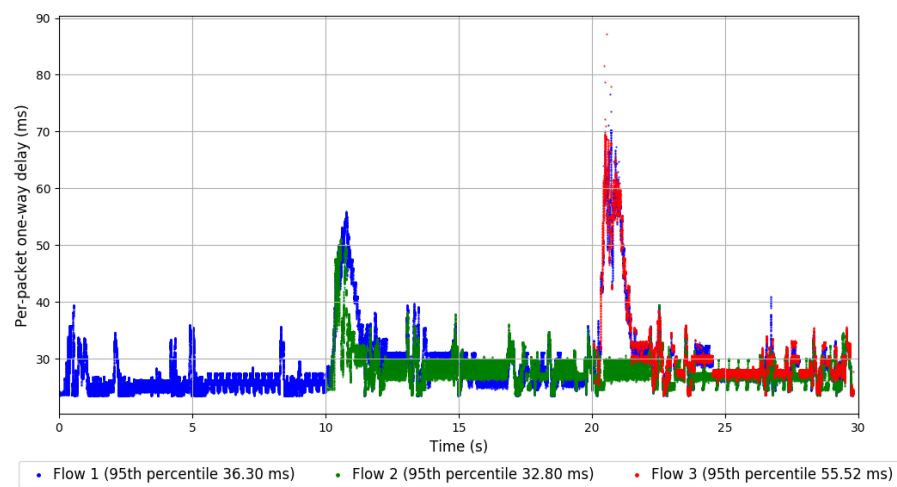
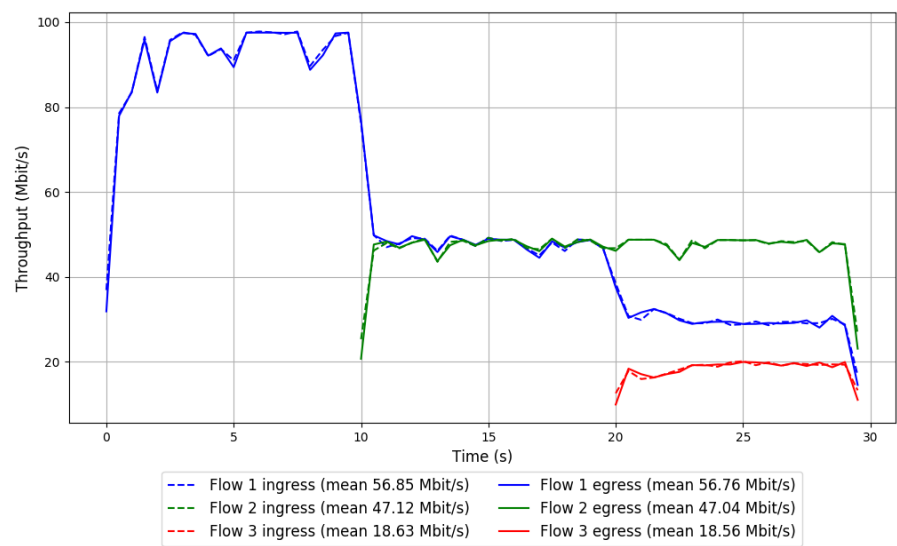


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-01 00:40:52
End at: 2018-02-01 00:41:22
Local clock offset: 1.452 ms
Remote clock offset: -1.009 ms

Below is generated by plot.py at 2018-02-01 06:44:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.00 Mbit/s
95th percentile per-packet one-way delay: 35.568 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 56.76 Mbit/s
95th percentile per-packet one-way delay: 36.304 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 47.04 Mbit/s
95th percentile per-packet one-way delay: 32.801 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 18.56 Mbit/s
95th percentile per-packet one-way delay: 55.518 ms
Loss rate: 0.97%

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

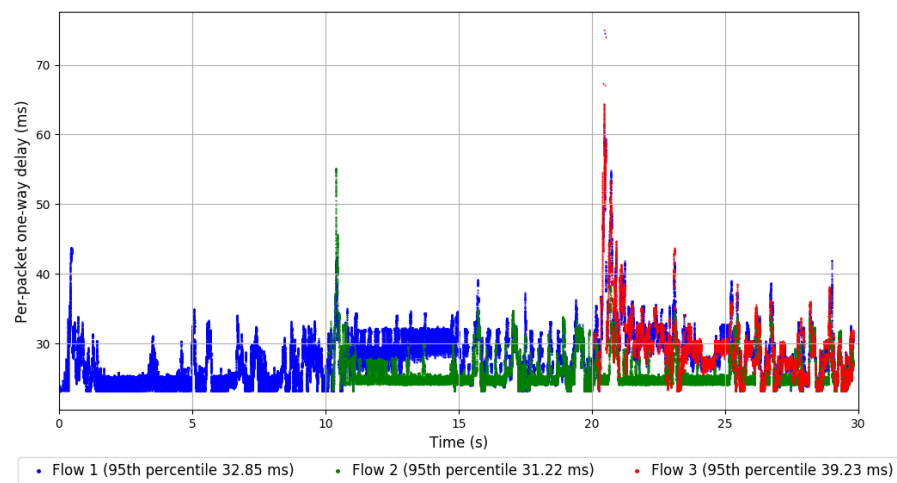
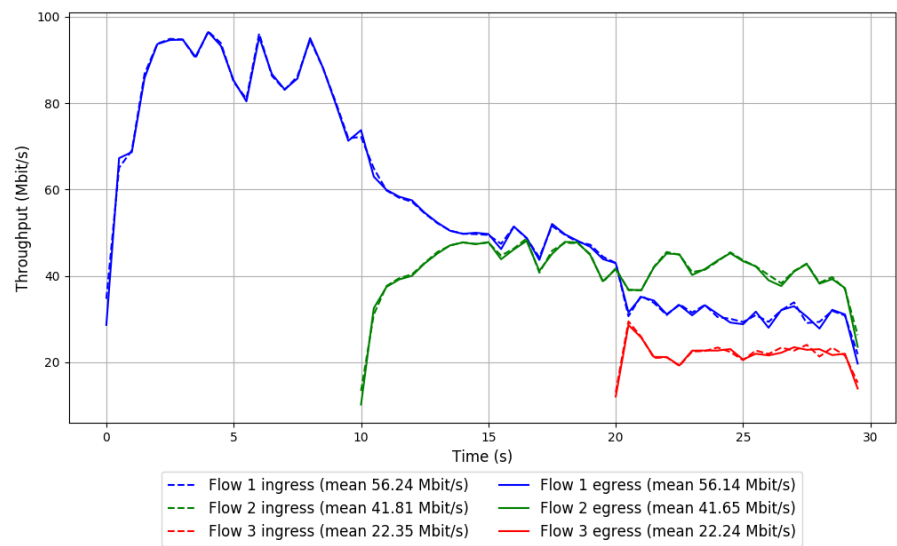


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-01 01:06:03
End at: 2018-02-01 01:06:33
Local clock offset: 1.536 ms
Remote clock offset: -0.572 ms

Below is generated by plot.py at 2018-02-01 06:44:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 32.770 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 56.14 Mbit/s
95th percentile per-packet one-way delay: 32.851 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 41.65 Mbit/s
95th percentile per-packet one-way delay: 31.219 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 22.24 Mbit/s
95th percentile per-packet one-way delay: 39.233 ms
Loss rate: 1.10%

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

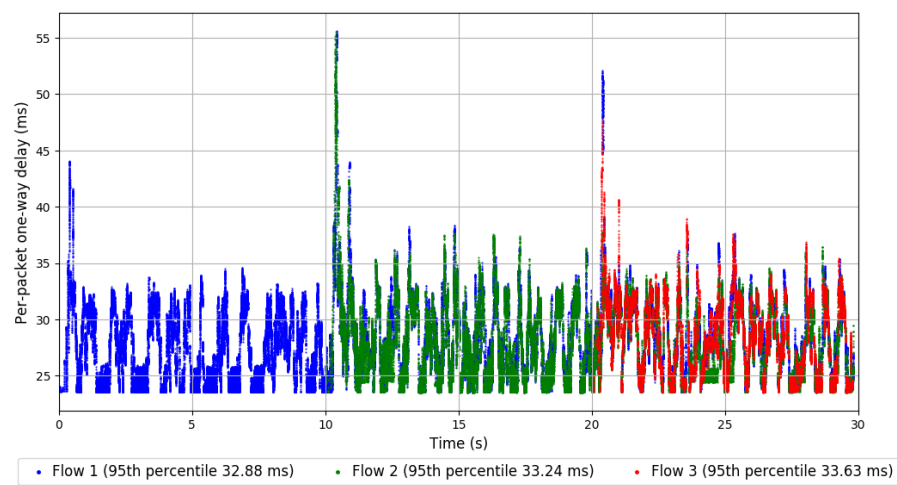
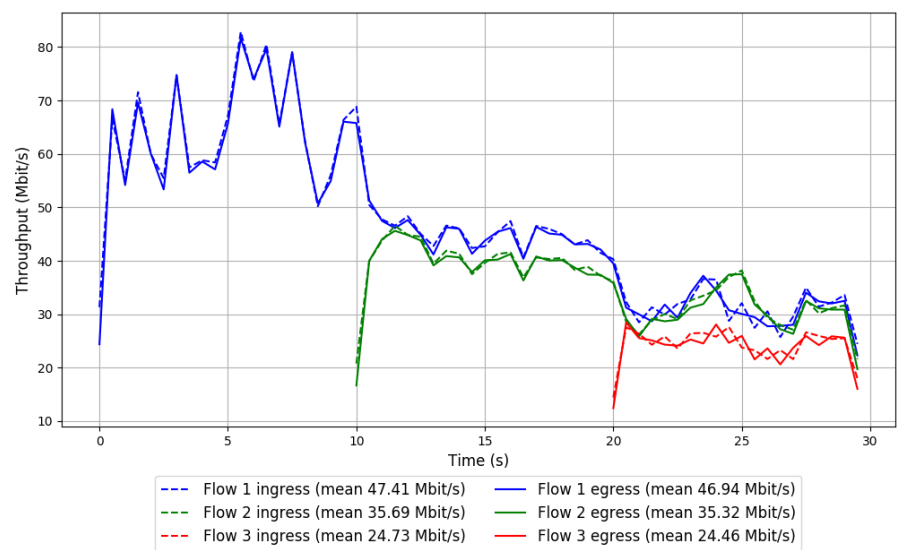


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-01 01:33:03
End at: 2018-02-01 01:33:33
Local clock offset: 1.523 ms
Remote clock offset: -0.943 ms

Below is generated by plot.py at 2018-02-01 06:44:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.36 Mbit/s
95th percentile per-packet one-way delay: 33.046 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 46.94 Mbit/s
95th percentile per-packet one-way delay: 32.875 ms
Loss rate: 1.17%
-- Flow 2:
Average throughput: 35.32 Mbit/s
95th percentile per-packet one-way delay: 33.239 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 33.631 ms
Loss rate: 1.60%

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

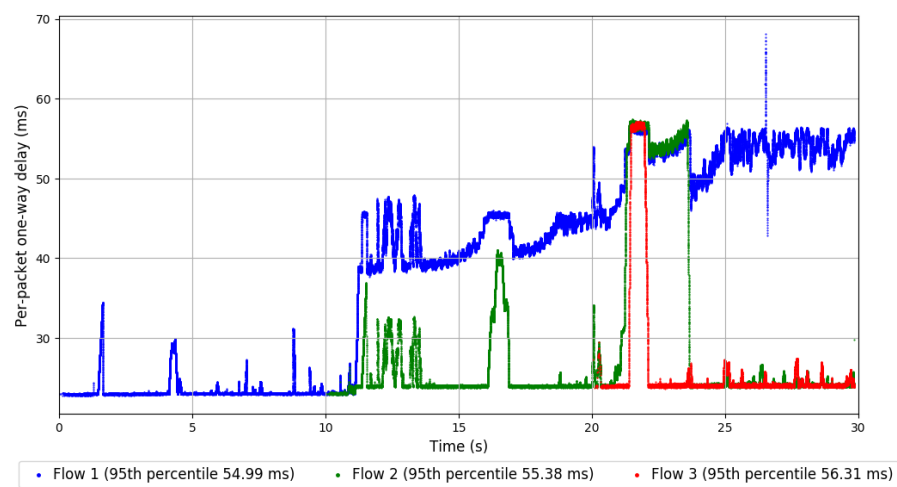
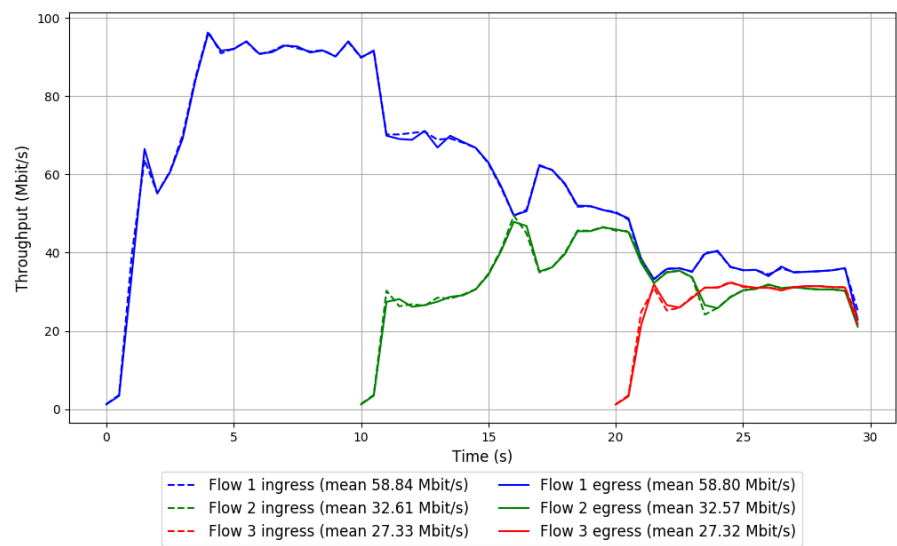


Run 1: Statistics of Vivace-latency

Start at: 2018-01-31 21:44:12
End at: 2018-01-31 21:44:42
Local clock offset: 1.252 ms
Remote clock offset: -0.908 ms

Below is generated by plot.py at 2018-02-01 06:44:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 55.098 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 54.990 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 32.57 Mbit/s
95th percentile per-packet one-way delay: 55.384 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 56.312 ms
Loss rate: 0.62%

Run 1: Report of Vivace-latency — Data Link

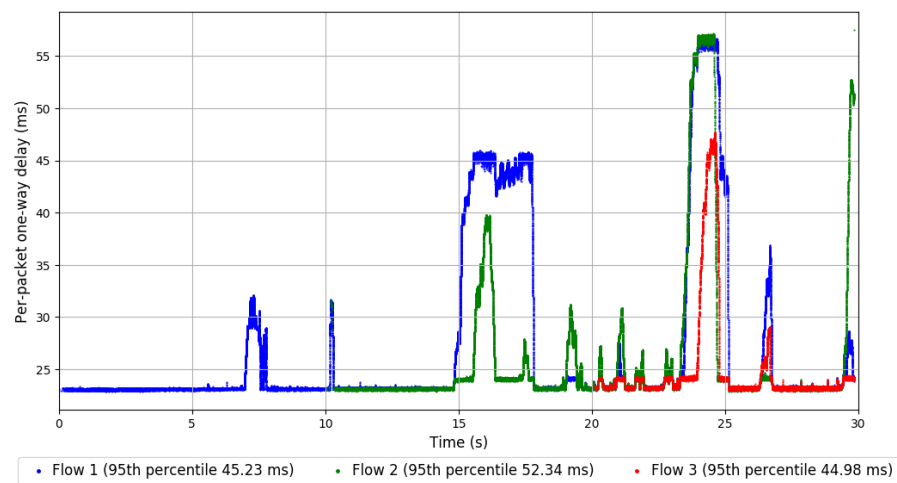
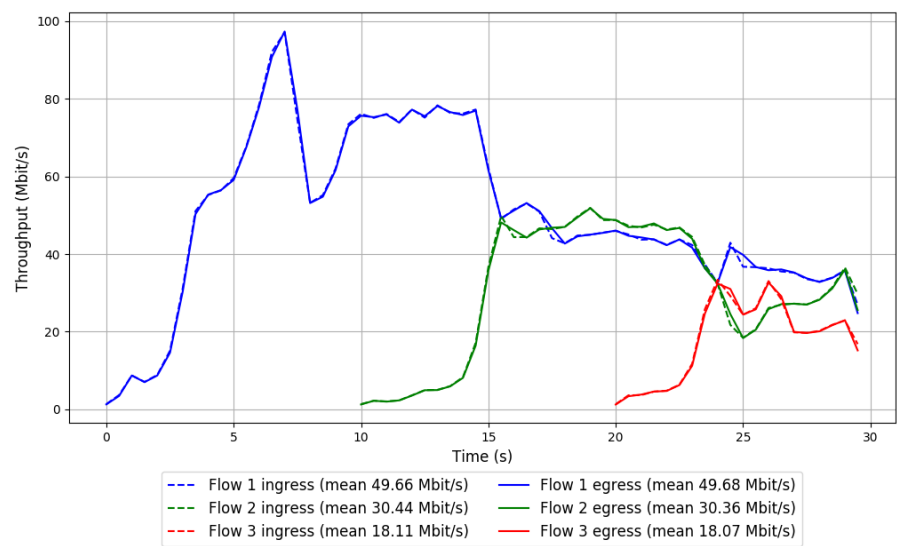


Run 2: Statistics of Vivace-latency

Start at: 2018-01-31 22:08:45
End at: 2018-01-31 22:09:15
Local clock offset: 1.267 ms
Remote clock offset: -0.877 ms

Below is generated by plot.py at 2018-02-01 06:44:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.79 Mbit/s
95th percentile per-packet one-way delay: 45.315 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 49.68 Mbit/s
95th percentile per-packet one-way delay: 45.232 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 52.338 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 18.07 Mbit/s
95th percentile per-packet one-way delay: 44.985 ms
Loss rate: 0.75%

Run 2: Report of Vivace-latency — Data Link

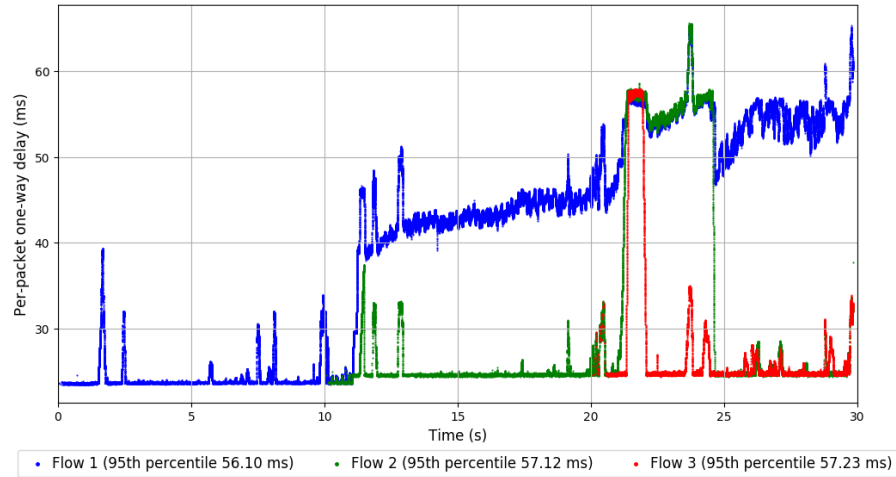
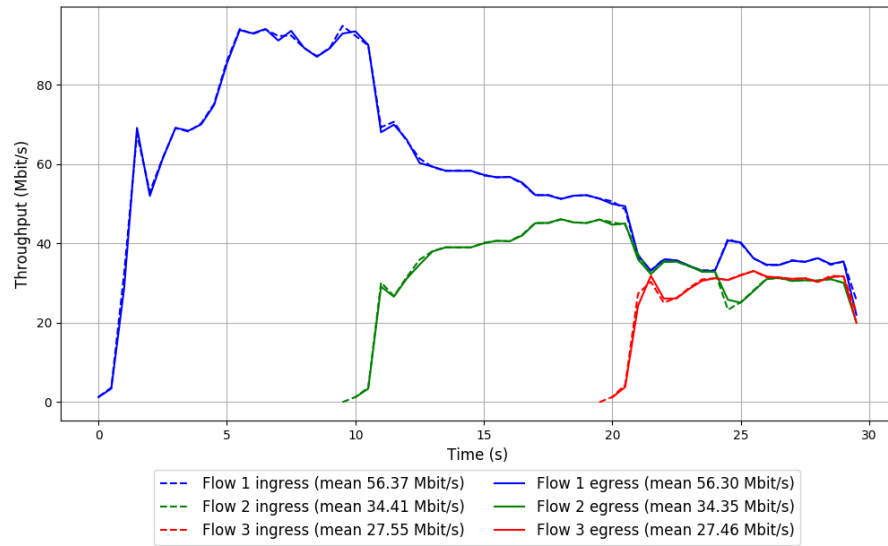


Run 3: Statistics of Vivace-latency

Start at: 2018-01-31 22:33:43
End at: 2018-01-31 22:34:13
Local clock offset: 1.546 ms
Remote clock offset: -1.119 ms

Below is generated by plot.py at 2018-02-01 06:44:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 56.387 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 56.30 Mbit/s
95th percentile per-packet one-way delay: 56.104 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 57.120 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 27.46 Mbit/s
95th percentile per-packet one-way delay: 57.226 ms
Loss rate: 0.88%

Run 3: Report of Vivace-latency — Data Link

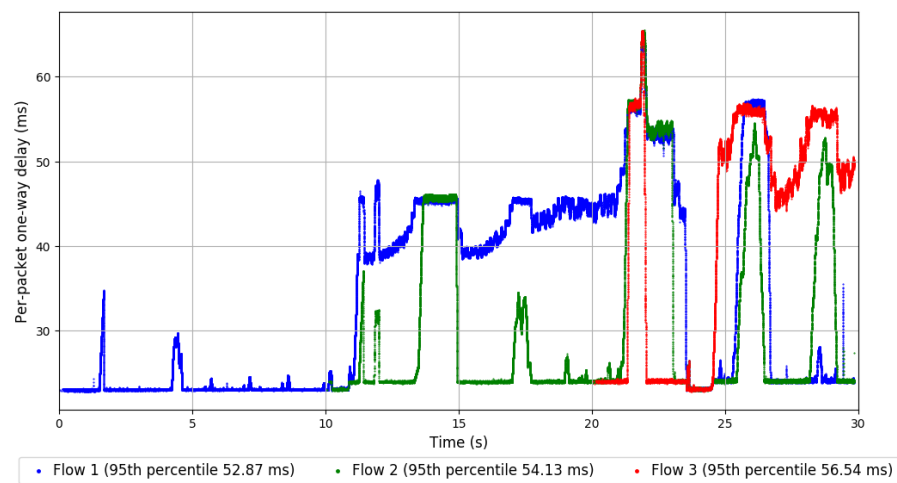
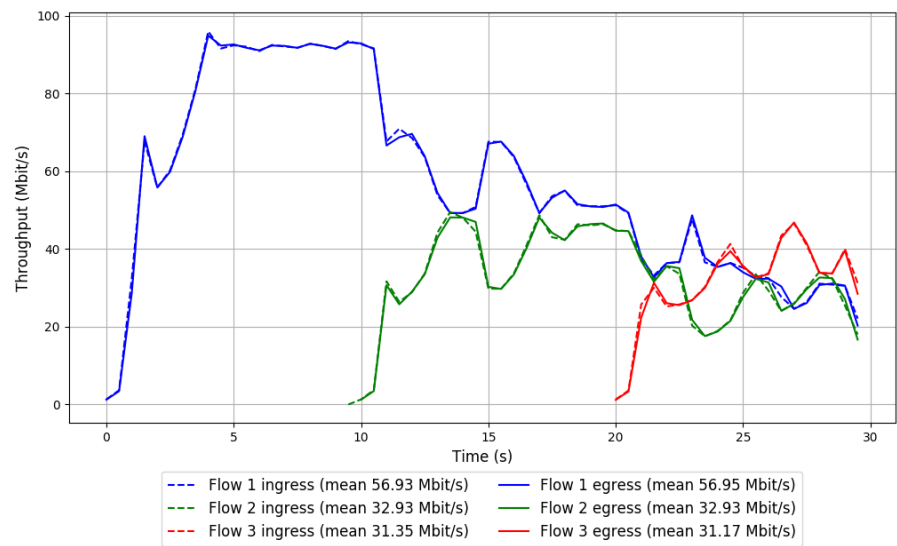


Run 4: Statistics of Vivace-latency

Start at: 2018-01-31 22:58:26
End at: 2018-01-31 22:58:56
Local clock offset: 1.594 ms
Remote clock offset: -0.137 ms

Below is generated by plot.py at 2018-02-01 06:45:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 55.681 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 56.95 Mbit/s
95th percentile per-packet one-way delay: 52.869 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 32.93 Mbit/s
95th percentile per-packet one-way delay: 54.132 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 56.536 ms
Loss rate: 1.18%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-01-31 23:23:04

End at: 2018-01-31 23:23:34

Local clock offset: 1.602 ms

Remote clock offset: 0.127 ms

Below is generated by plot.py at 2018-02-01 06:45:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.26 Mbit/s

95th percentile per-packet one-way delay: 45.600 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 54.86 Mbit/s

95th percentile per-packet one-way delay: 46.316 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 42.79 Mbit/s

95th percentile per-packet one-way delay: 34.716 ms

Loss rate: 0.41%

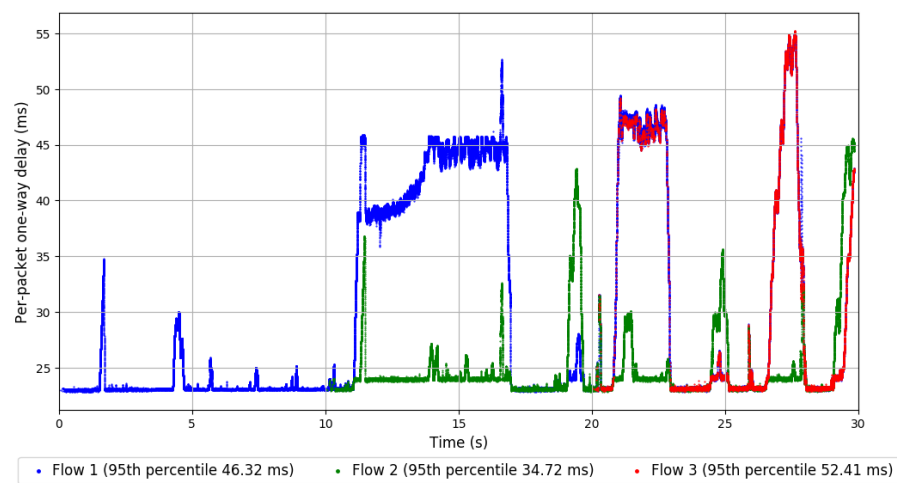
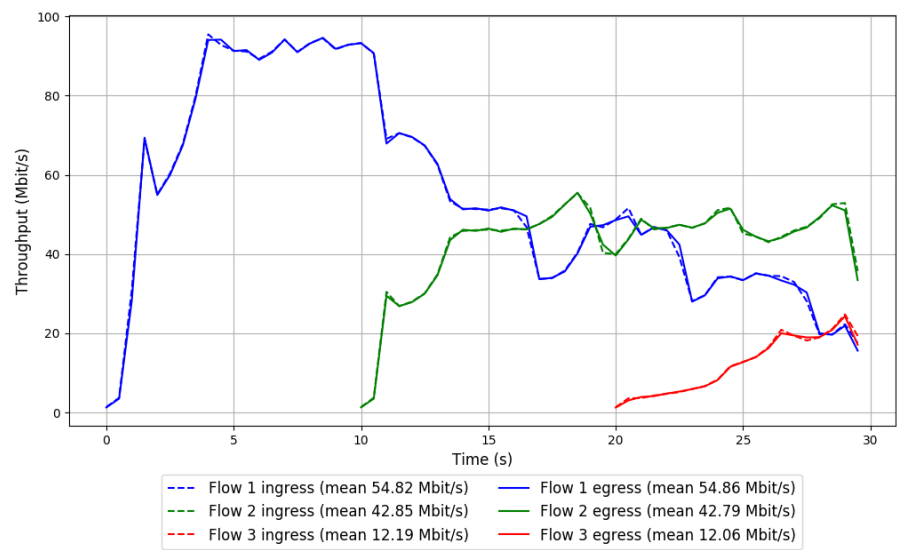
-- Flow 3:

Average throughput: 12.06 Mbit/s

95th percentile per-packet one-way delay: 52.410 ms

Loss rate: 1.59%

Run 5: Report of Vivace-latency — Data Link

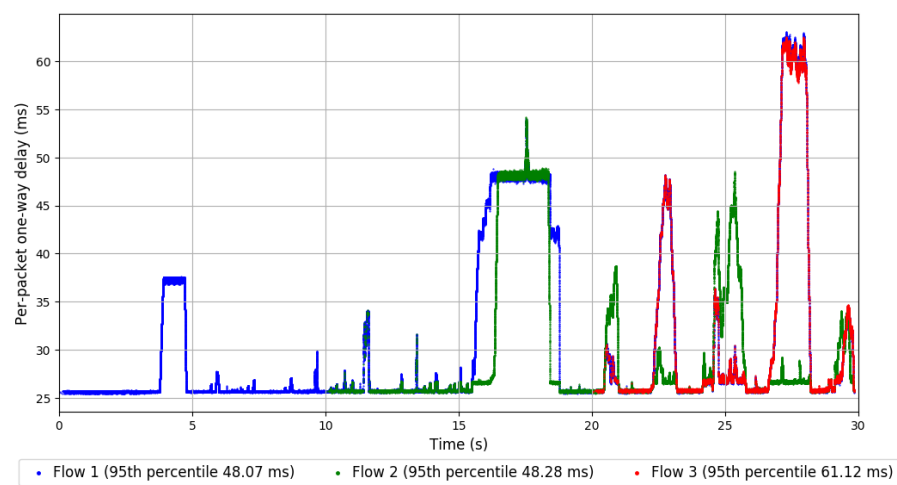
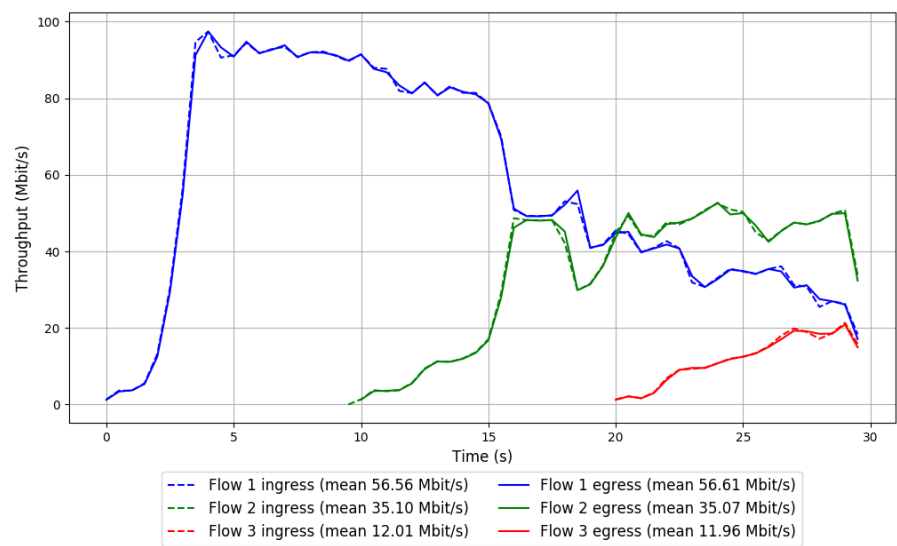


Run 6: Statistics of Vivace-latency

Start at: 2018-01-31 23:47:55
End at: 2018-01-31 23:48:25
Local clock offset: 1.572 ms
Remote clock offset: -2.654 ms

Below is generated by plot.py at 2018-02-01 06:45:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.85 Mbit/s
95th percentile per-packet one-way delay: 48.207 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 48.071 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.07 Mbit/s
95th percentile per-packet one-way delay: 48.281 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 61.121 ms
Loss rate: 1.02%

Run 6: Report of Vivace-latency — Data Link

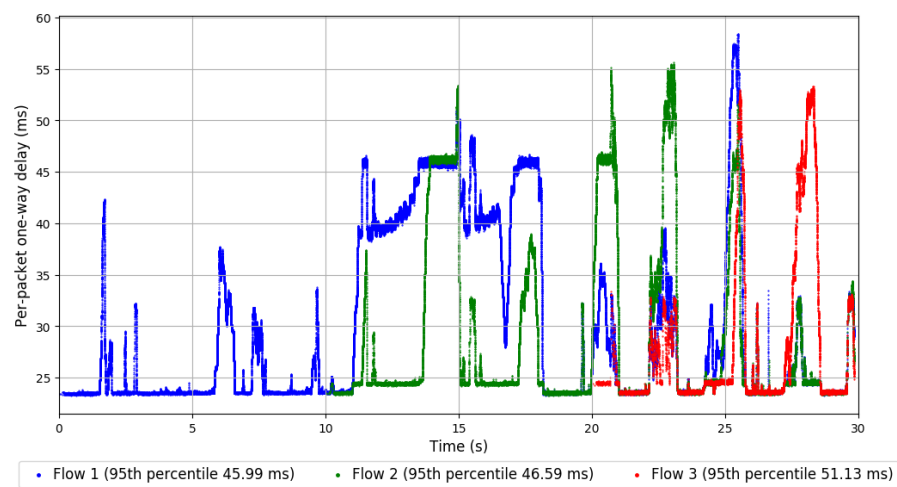
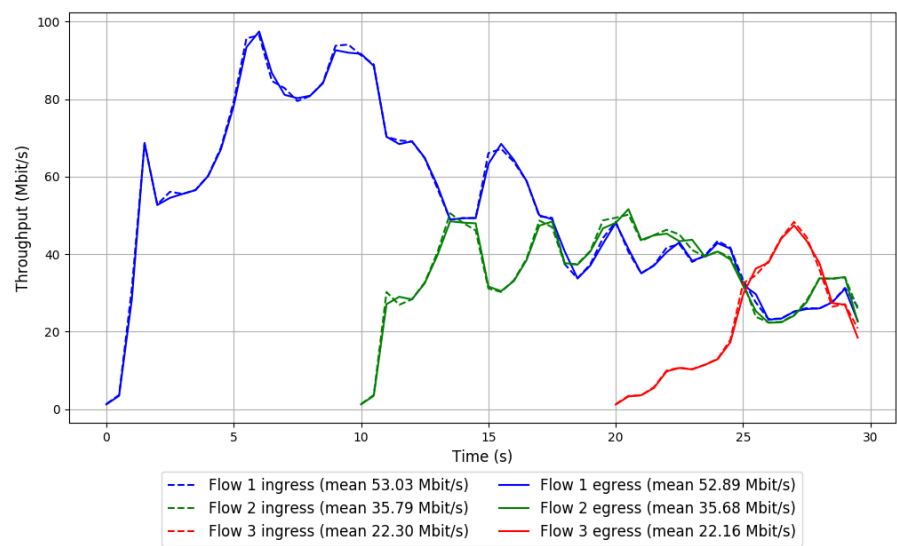


Run 7: Statistics of Vivace-latency

Start at: 2018-02-01 00:12:50
End at: 2018-02-01 00:13:20
Local clock offset: 1.466 ms
Remote clock offset: -0.697 ms

Below is generated by plot.py at 2018-02-01 06:45:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.87 Mbit/s
95th percentile per-packet one-way delay: 46.287 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 52.89 Mbit/s
95th percentile per-packet one-way delay: 45.988 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 35.68 Mbit/s
95th percentile per-packet one-way delay: 46.590 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 51.128 ms
Loss rate: 1.17%

Run 7: Report of Vivace-latency — Data Link

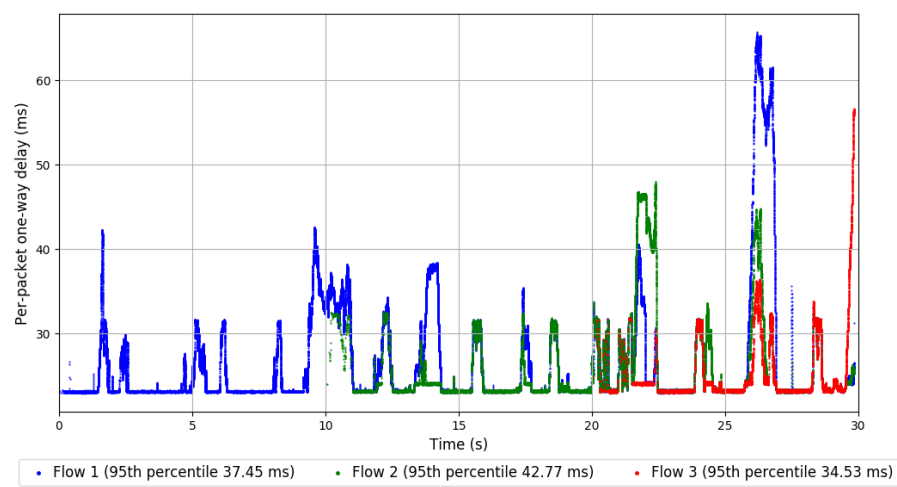
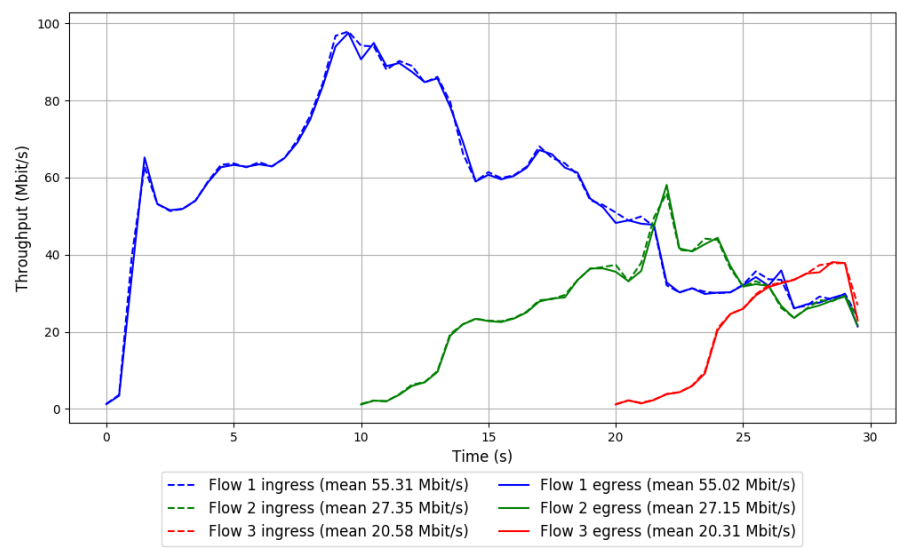


Run 8: Statistics of Vivace-latency

Start at: 2018-02-01 00:38:02
End at: 2018-02-01 00:38:32
Local clock offset: 1.54 ms
Remote clock offset: -0.475 ms

Below is generated by plot.py at 2018-02-01 06:45:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.73 Mbit/s
95th percentile per-packet one-way delay: 37.950 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 55.02 Mbit/s
95th percentile per-packet one-way delay: 37.445 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 27.15 Mbit/s
95th percentile per-packet one-way delay: 42.770 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 34.531 ms
Loss rate: 1.96%

Run 8: Report of Vivace-latency — Data Link

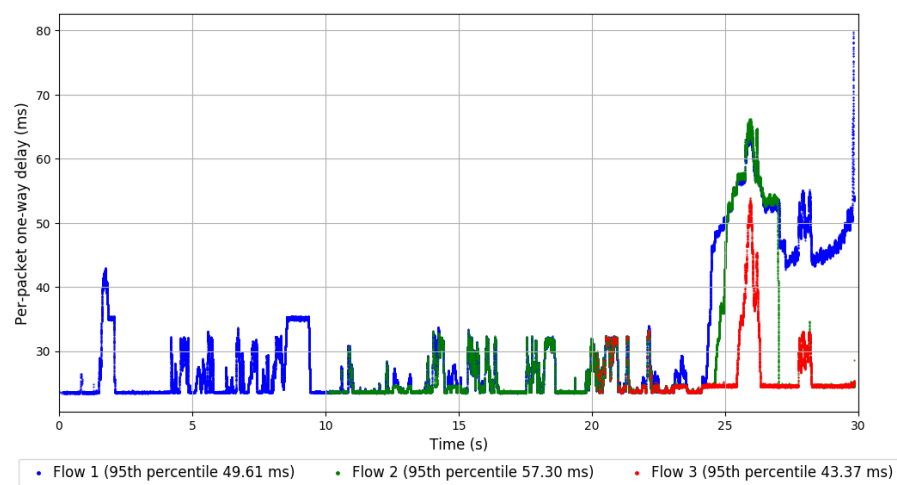
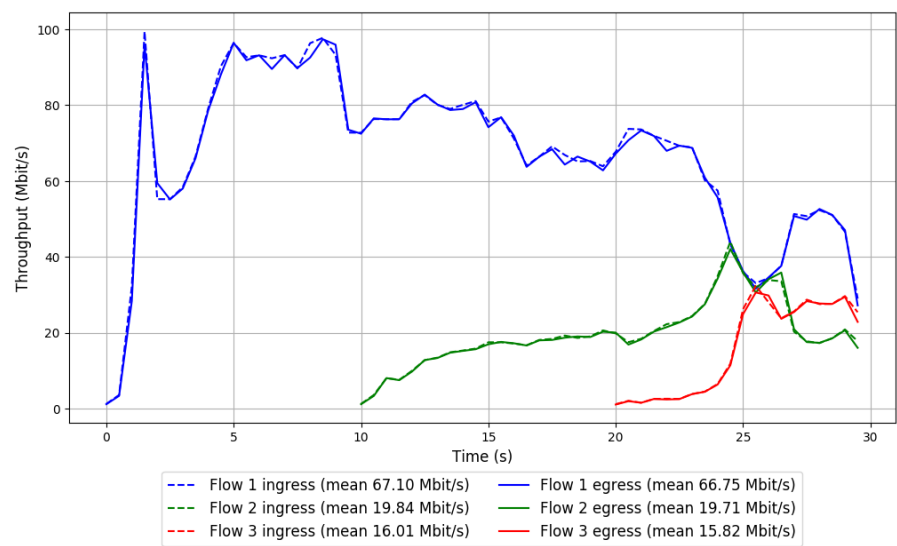


Run 9: Statistics of Vivace-latency

Start at: 2018-02-01 01:03:07
End at: 2018-02-01 01:03:37
Local clock offset: 1.544 ms
Remote clock offset: -1.031 ms

Below is generated by plot.py at 2018-02-01 06:46:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 52.504 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 66.75 Mbit/s
95th percentile per-packet one-way delay: 49.606 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 57.295 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 43.371 ms
Loss rate: 1.79%

Run 9: Report of Vivace-latency — Data Link

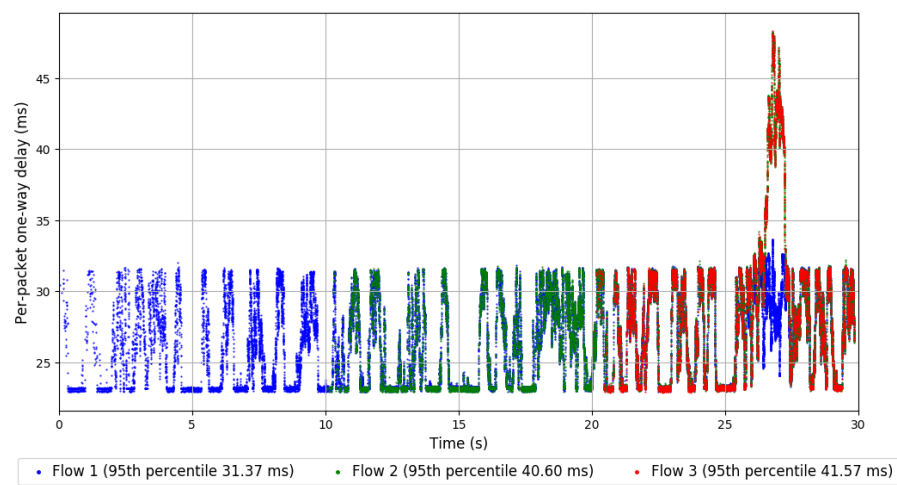
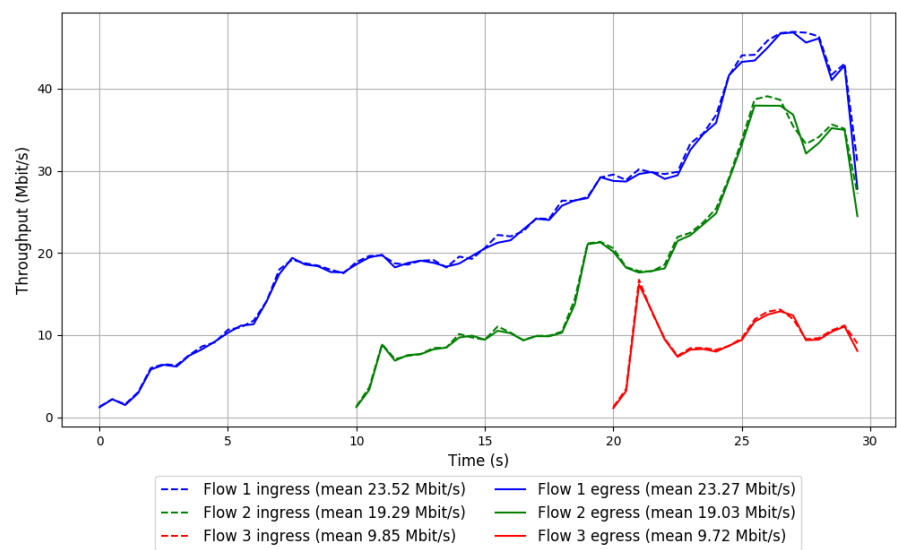


Run 10: Statistics of Vivace-latency

Start at: 2018-02-01 01:29:53
End at: 2018-02-01 01:30:23
Local clock offset: 1.524 ms
Remote clock offset: -0.513 ms

Below is generated by plot.py at 2018-02-01 06:46:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.11 Mbit/s
95th percentile per-packet one-way delay: 31.788 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 23.27 Mbit/s
95th percentile per-packet one-way delay: 31.372 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 19.03 Mbit/s
95th percentile per-packet one-way delay: 40.596 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 9.72 Mbit/s
95th percentile per-packet one-way delay: 41.567 ms
Loss rate: 1.90%

Run 10: Report of Vivace-latency — Data Link

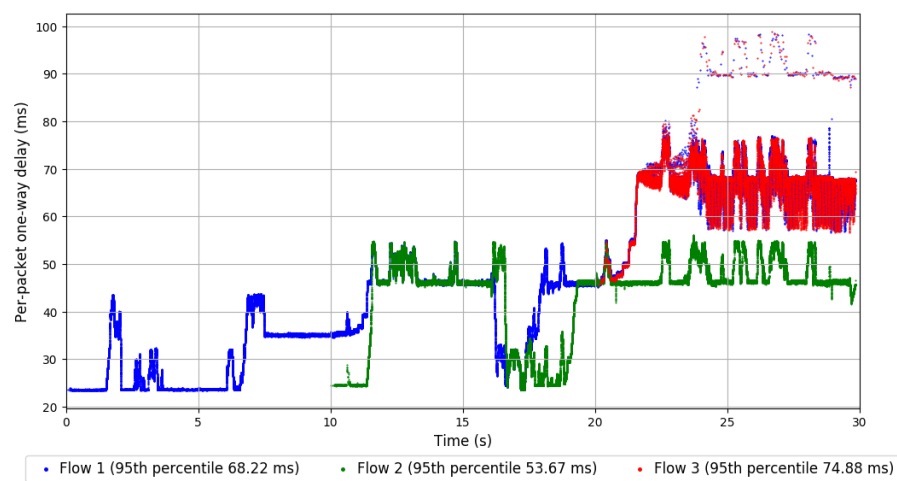
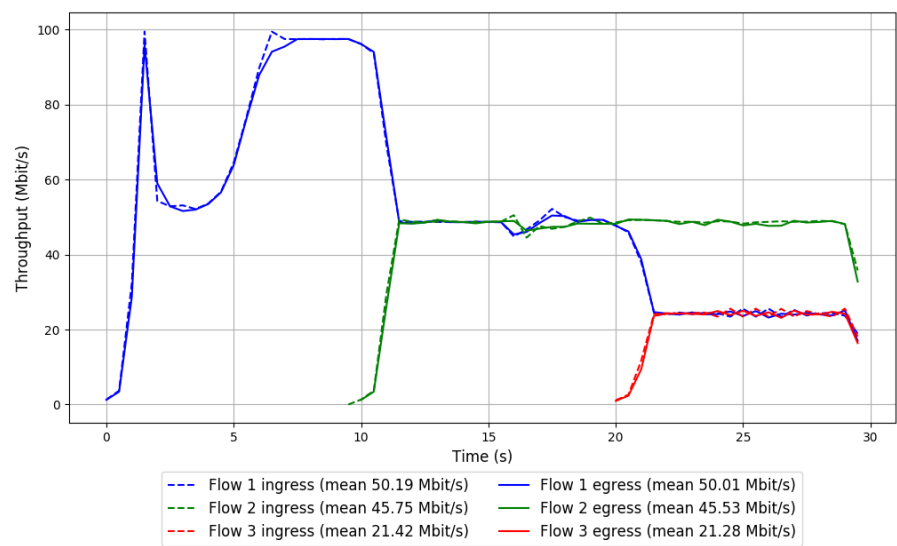


```
Run 1: Statistics of Vivace-loss

Start at: 2018-01-31 21:31:39
End at: 2018-01-31 21:32:09
Local clock offset: 1.267 ms
Remote clock offset: -1.734 ms

# Below is generated by plot.py at 2018-02-01 06:46:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 68.351 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 50.01 Mbit/s
95th percentile per-packet one-way delay: 68.221 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 53.670 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 21.28 Mbit/s
95th percentile per-packet one-way delay: 74.880 ms
Loss rate: 1.67%
```

Run 1: Report of Vivace-loss — Data Link

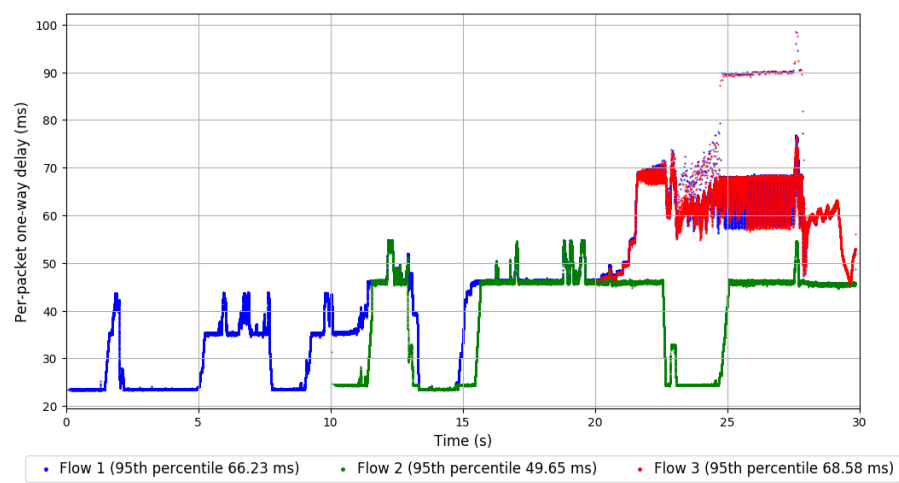
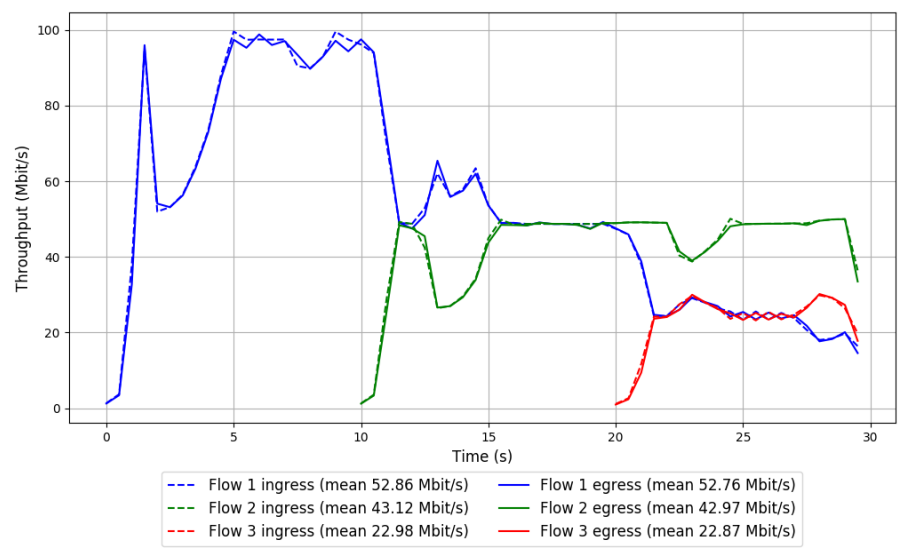


Run 2: Statistics of Vivace-loss

Start at: 2018-01-31 21:56:26
End at: 2018-01-31 21:56:56
Local clock offset: 1.305 ms
Remote clock offset: -1.307 ms

Below is generated by plot.py at 2018-02-01 06:46:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.80 Mbit/s
95th percentile per-packet one-way delay: 67.510 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 52.76 Mbit/s
95th percentile per-packet one-way delay: 66.233 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 42.97 Mbit/s
95th percentile per-packet one-way delay: 49.649 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 22.87 Mbit/s
95th percentile per-packet one-way delay: 68.579 ms
Loss rate: 1.23%

Run 2: Report of Vivace-loss — Data Link

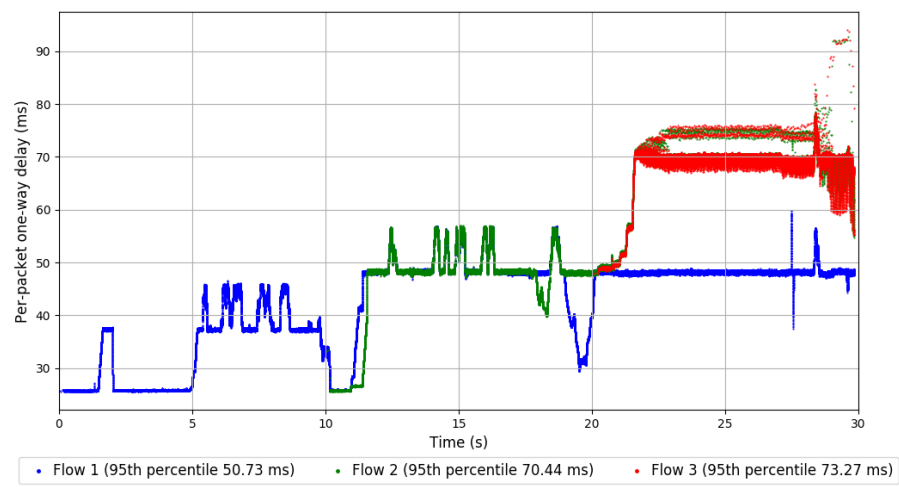
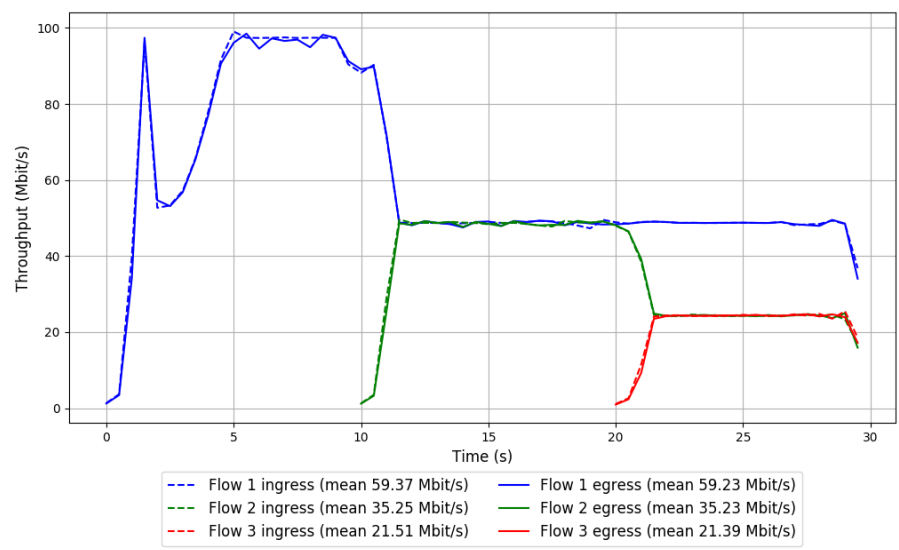


Run 3: Statistics of Vivace-loss

Start at: 2018-01-31 22:21:02
End at: 2018-01-31 22:21:32
Local clock offset: 1.433 ms
Remote clock offset: -3.353 ms

Below is generated by plot.py at 2018-02-01 06:46:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.64 Mbit/s
95th percentile per-packet one-way delay: 70.230 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 59.23 Mbit/s
95th percentile per-packet one-way delay: 50.735 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 35.23 Mbit/s
95th percentile per-packet one-way delay: 70.435 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 21.39 Mbit/s
95th percentile per-packet one-way delay: 73.267 ms
Loss rate: 1.33%

Run 3: Report of Vivace-loss — Data Link

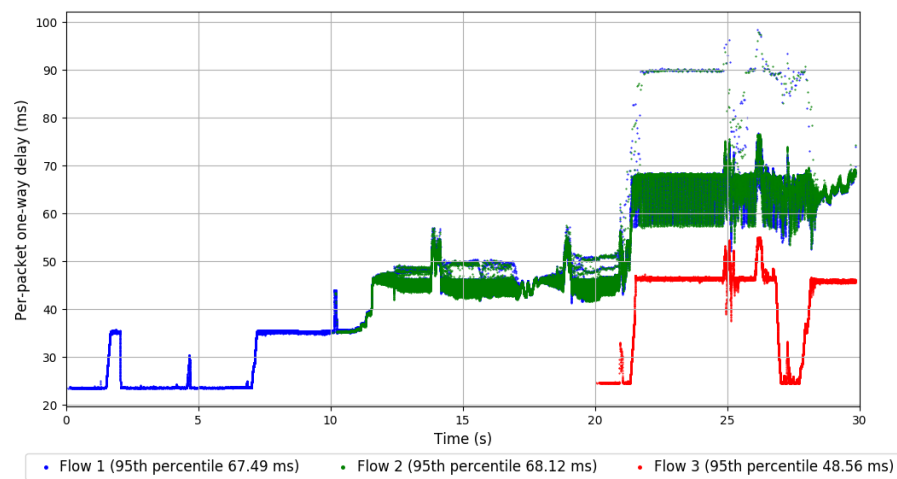
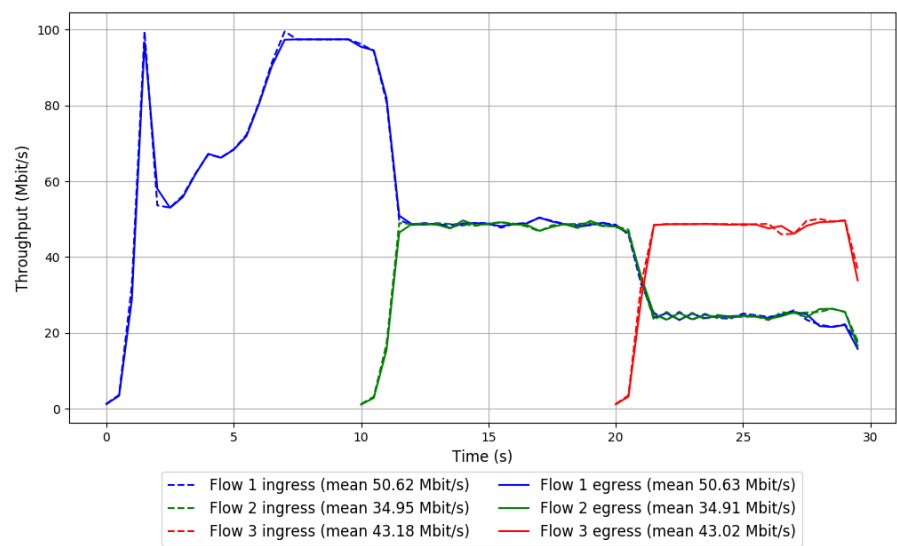


Run 4: Statistics of Vivace-loss

Start at: 2018-01-31 22:46:06
End at: 2018-01-31 22:46:36
Local clock offset: 1.595 ms
Remote clock offset: -0.868 ms

Below is generated by plot.py at 2018-02-01 06:46:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 67.759 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 50.63 Mbit/s
95th percentile per-packet one-way delay: 67.490 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 34.91 Mbit/s
95th percentile per-packet one-way delay: 68.119 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 43.02 Mbit/s
95th percentile per-packet one-way delay: 48.558 ms
Loss rate: 1.02%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-01-31 23:10:45

End at: 2018-01-31 23:11:15

Local clock offset: 1.565 ms

Remote clock offset: -2.67 ms

Below is generated by plot.py at 2018-02-01 06:46:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.19 Mbit/s

95th percentile per-packet one-way delay: 70.215 ms

Loss rate: 0.46%

-- Flow 1:

Average throughput: 57.72 Mbit/s

95th percentile per-packet one-way delay: 48.532 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 35.32 Mbit/s

95th percentile per-packet one-way delay: 70.384 ms

Loss rate: 0.42%

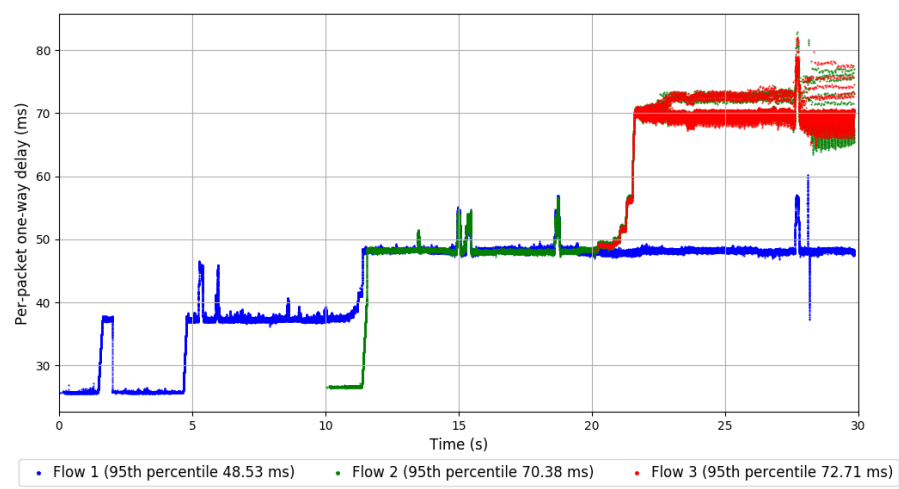
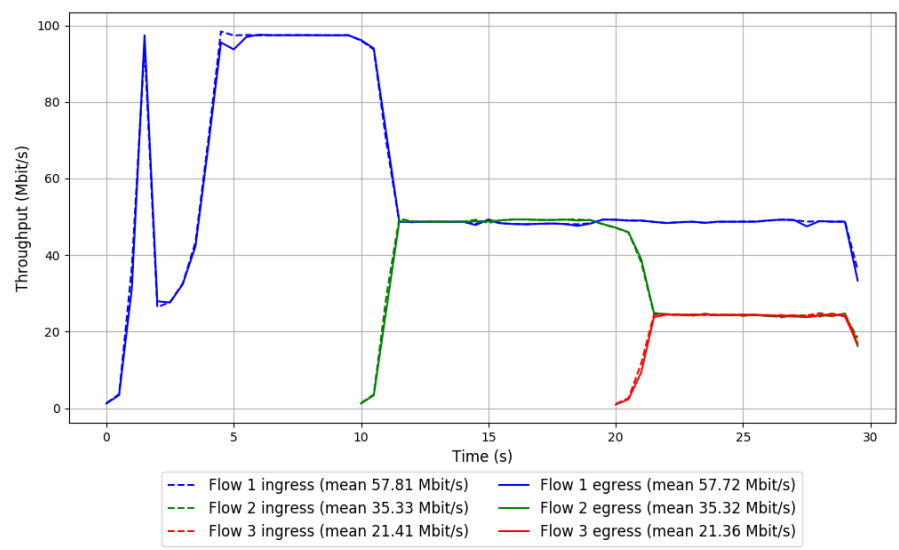
-- Flow 3:

Average throughput: 21.36 Mbit/s

95th percentile per-packet one-way delay: 72.709 ms

Loss rate: 1.16%

Run 5: Report of Vivace-loss — Data Link

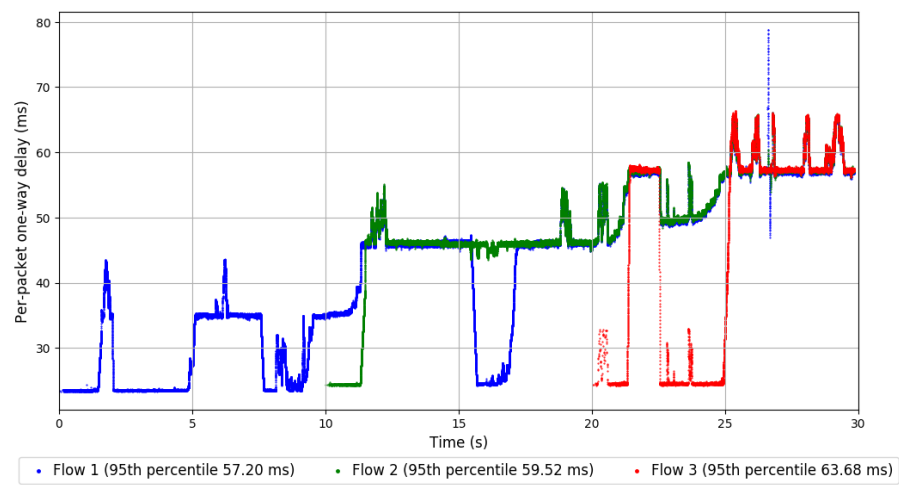
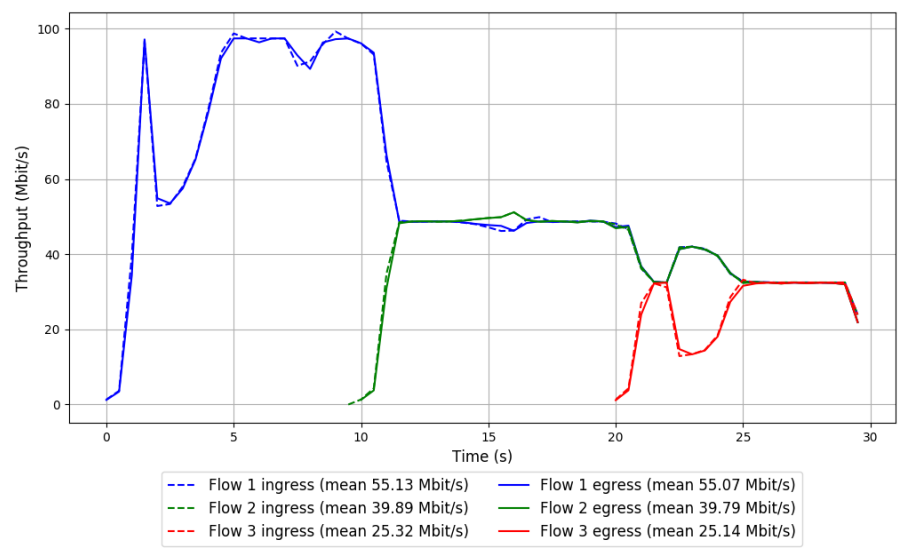


Run 6: Statistics of Vivace-loss

Start at: 2018-01-31 23:35:19
End at: 2018-01-31 23:35:49
Local clock offset: 1.572 ms
Remote clock offset: -0.325 ms

Below is generated by plot.py at 2018-02-01 06:47:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 58.699 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 55.07 Mbit/s
95th percentile per-packet one-way delay: 57.197 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 39.79 Mbit/s
95th percentile per-packet one-way delay: 59.519 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 25.14 Mbit/s
95th percentile per-packet one-way delay: 63.684 ms
Loss rate: 1.44%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-01 00:00:27

End at: 2018-02-01 00:00:57

Local clock offset: 1.491 ms

Remote clock offset: -0.66 ms

Below is generated by plot.py at 2018-02-01 06:47:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.59 Mbit/s

95th percentile per-packet one-way delay: 60.930 ms

Loss rate: 0.66%

-- Flow 1:

Average throughput: 55.10 Mbit/s

95th percentile per-packet one-way delay: 57.719 ms

Loss rate: 0.49%

-- Flow 2:

Average throughput: 39.37 Mbit/s

95th percentile per-packet one-way delay: 61.482 ms

Loss rate: 0.73%

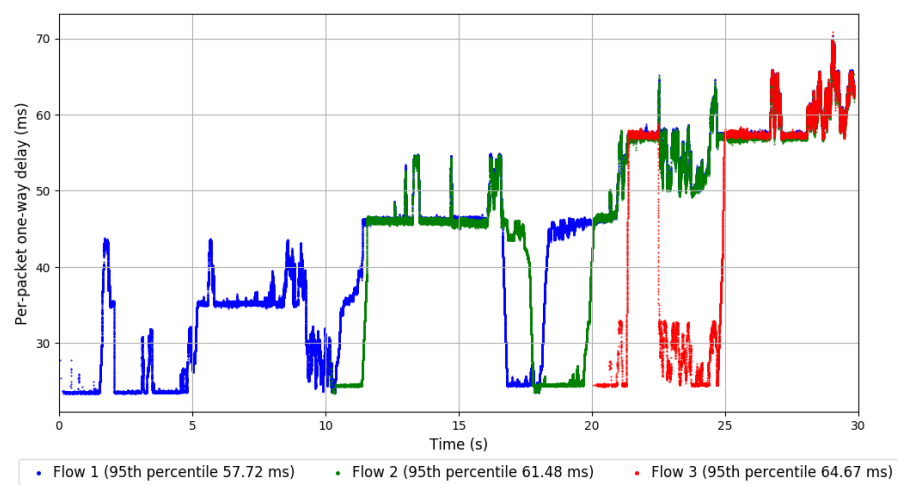
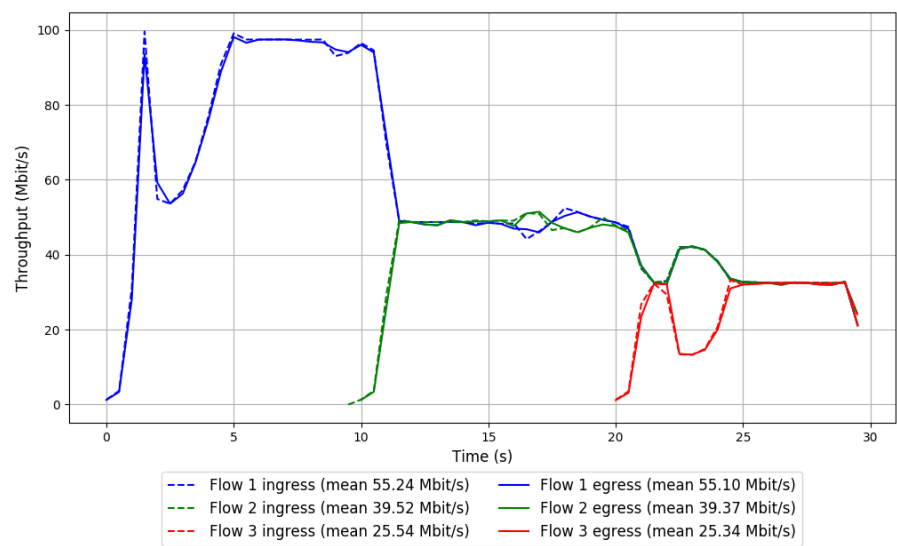
-- Flow 3:

Average throughput: 25.34 Mbit/s

95th percentile per-packet one-way delay: 64.670 ms

Loss rate: 1.52%

Run 7: Report of Vivace-loss — Data Link

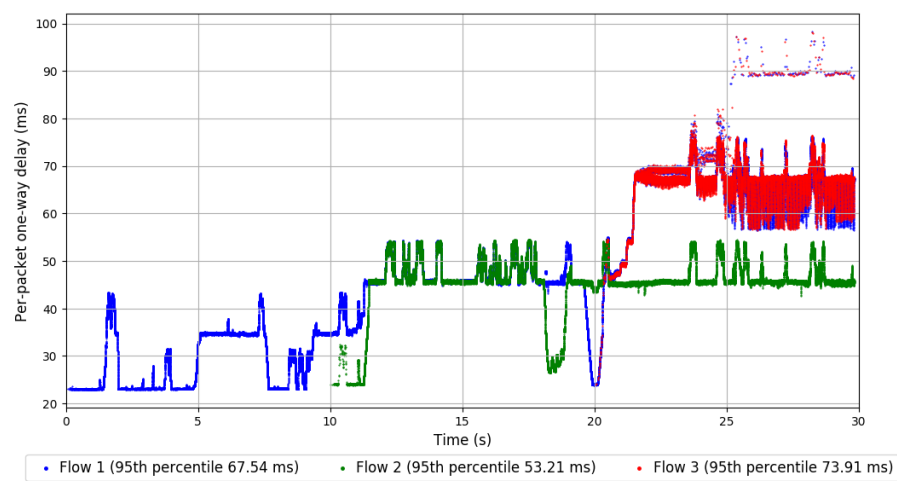
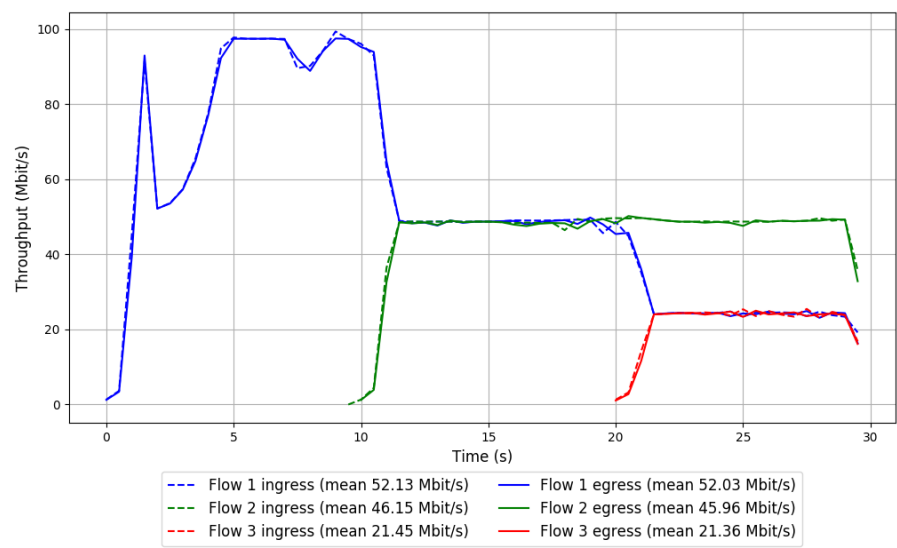


Run 8: Statistics of Vivace-loss

Start at: 2018-02-01 00:25:24
End at: 2018-02-01 00:25:54
Local clock offset: 1.538 ms
Remote clock offset: -0.311 ms

```
# Below is generated by plot.py at 2018-02-01 06:47:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: 67.631 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 52.03 Mbit/s
95th percentile per-packet one-way delay: 67.538 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 45.96 Mbit/s
95th percentile per-packet one-way delay: 53.207 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 21.36 Mbit/s
95th percentile per-packet one-way delay: 73.913 ms
Loss rate: 1.18%
```

Run 8: Report of Vivace-loss — Data Link

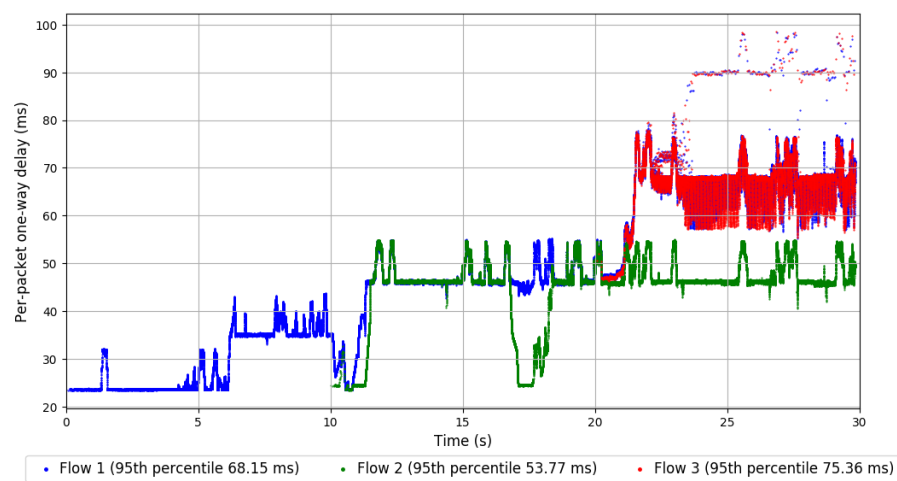
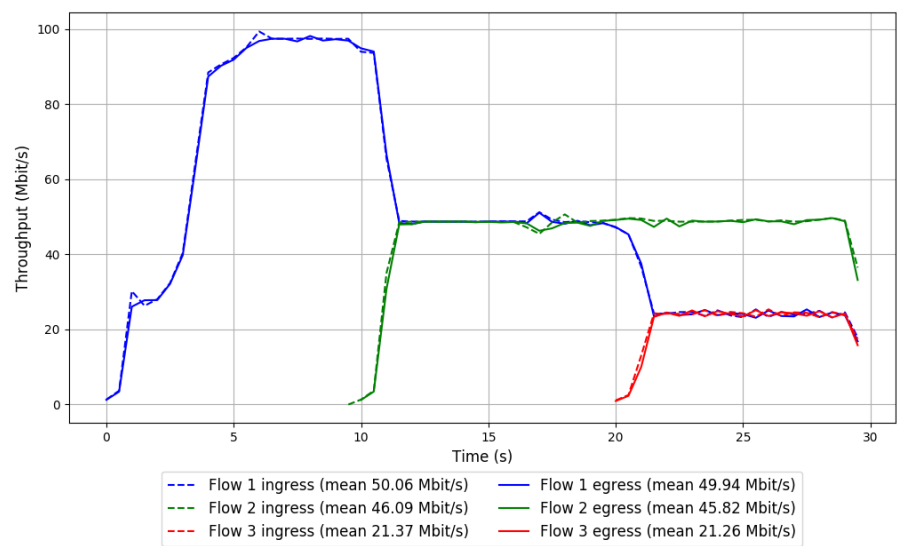


Run 9: Statistics of Vivace-loss

Start at: 2018-02-01 00:50:24
End at: 2018-02-01 00:50:54
Local clock offset: 1.467 ms
Remote clock offset: -1.022 ms

Below is generated by plot.py at 2018-02-01 06:47:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 68.216 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 49.94 Mbit/s
95th percentile per-packet one-way delay: 68.151 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 45.82 Mbit/s
95th percentile per-packet one-way delay: 53.767 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 21.26 Mbit/s
95th percentile per-packet one-way delay: 75.364 ms
Loss rate: 1.56%

Run 9: Report of Vivace-loss — Data Link

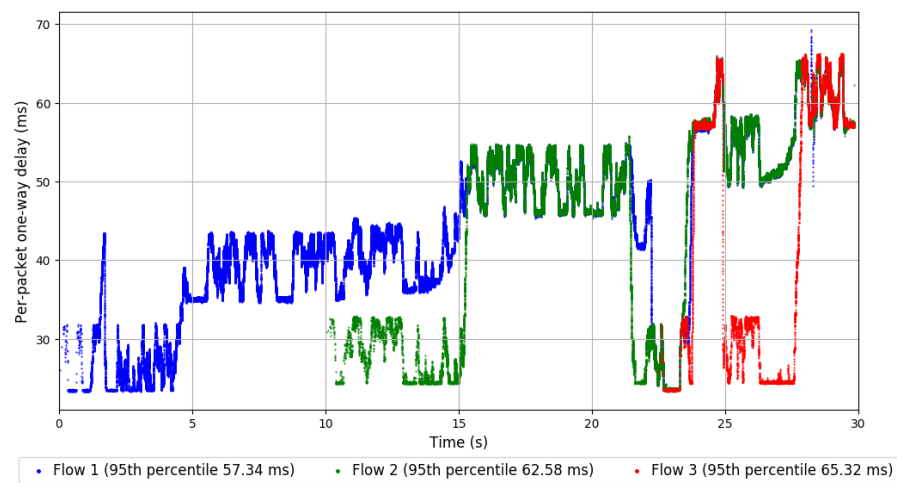
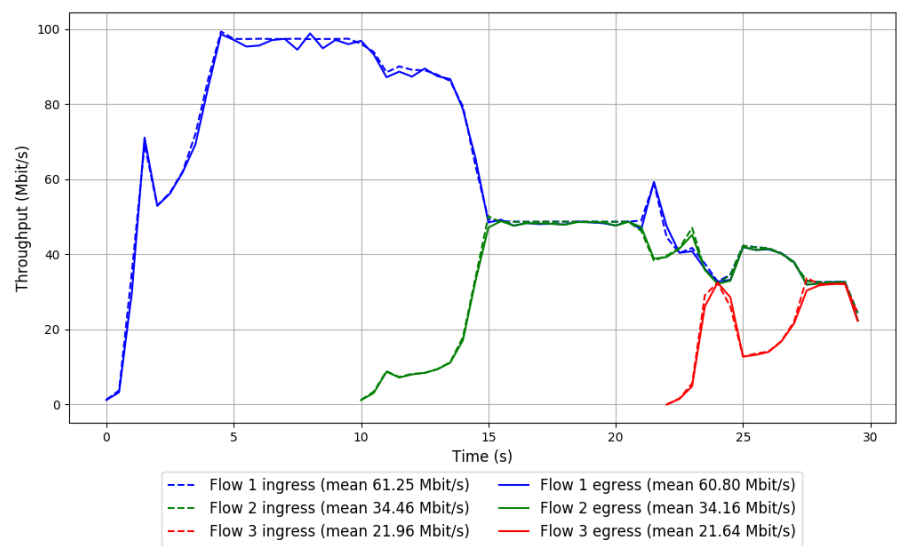


Run 10: Statistics of Vivace-loss

Start at: 2018-02-01 01:16:04
End at: 2018-02-01 01:16:34
Local clock offset: 1.448 ms
Remote clock offset: -0.969 ms

Below is generated by plot.py at 2018-02-01 06:47:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.86 Mbit/s
95th percentile per-packet one-way delay: 60.816 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 60.80 Mbit/s
95th percentile per-packet one-way delay: 57.335 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 34.16 Mbit/s
95th percentile per-packet one-way delay: 62.584 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 21.64 Mbit/s
95th percentile per-packet one-way delay: 65.323 ms
Loss rate: 2.43%

Run 10: Report of Vivace-loss — Data Link

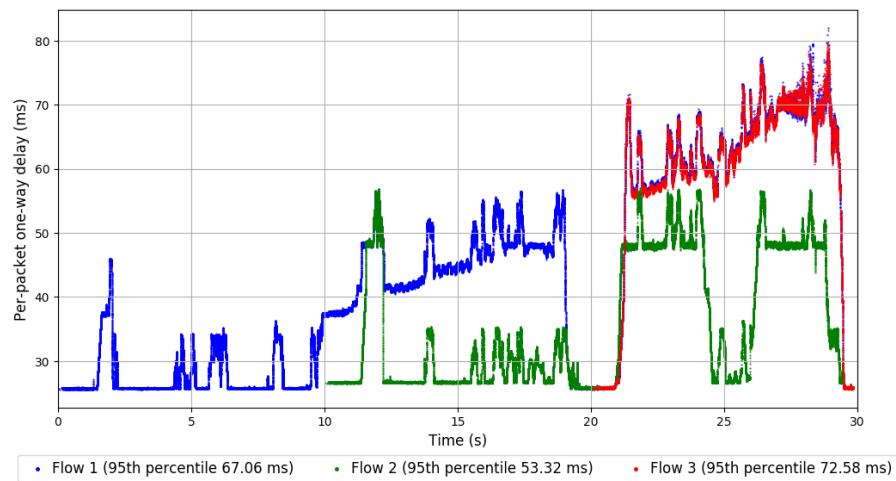
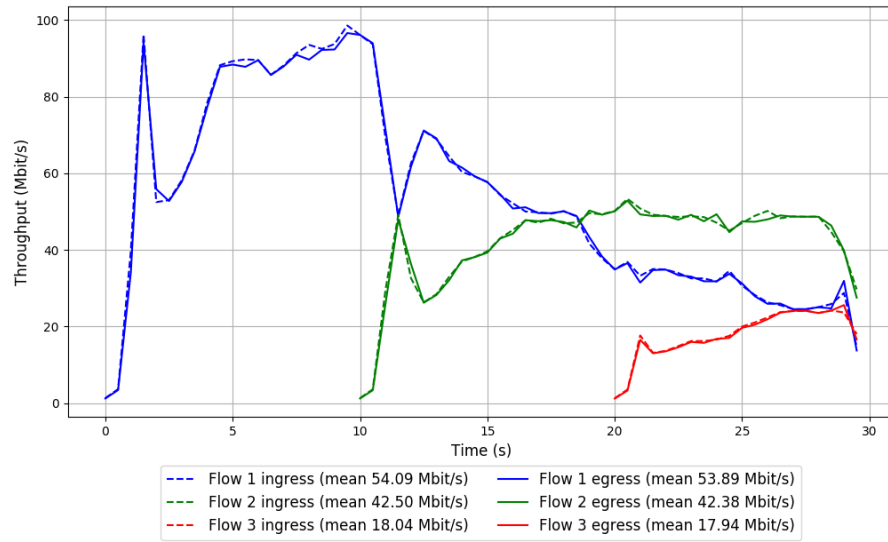


Run 1: Statistics of Vivace-LTE

Start at: 2018-01-31 21:35:57
End at: 2018-01-31 21:36:27
Local clock offset: 1.318 ms
Remote clock offset: -3.786 ms

Below is generated by plot.py at 2018-02-01 06:48:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: 67.838 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 53.89 Mbit/s
95th percentile per-packet one-way delay: 67.065 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 42.38 Mbit/s
95th percentile per-packet one-way delay: 53.322 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 72.578 ms
Loss rate: 1.14%

Run 1: Report of Vivace-LTE — Data Link

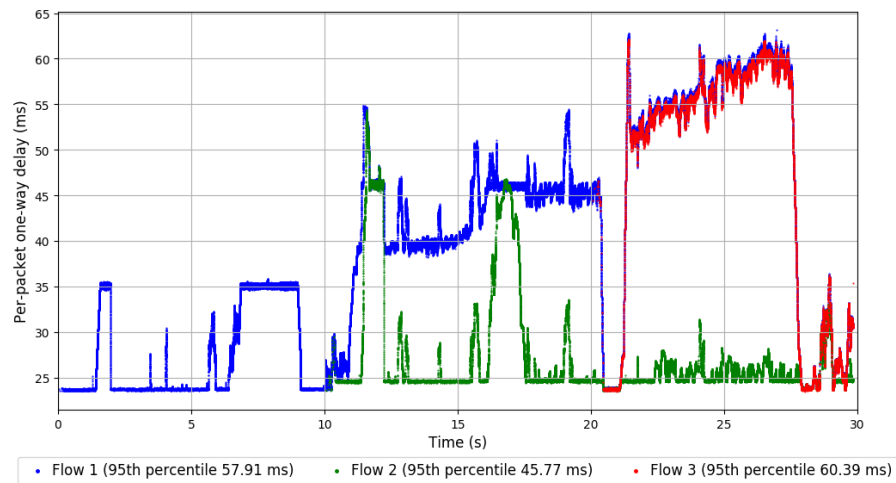
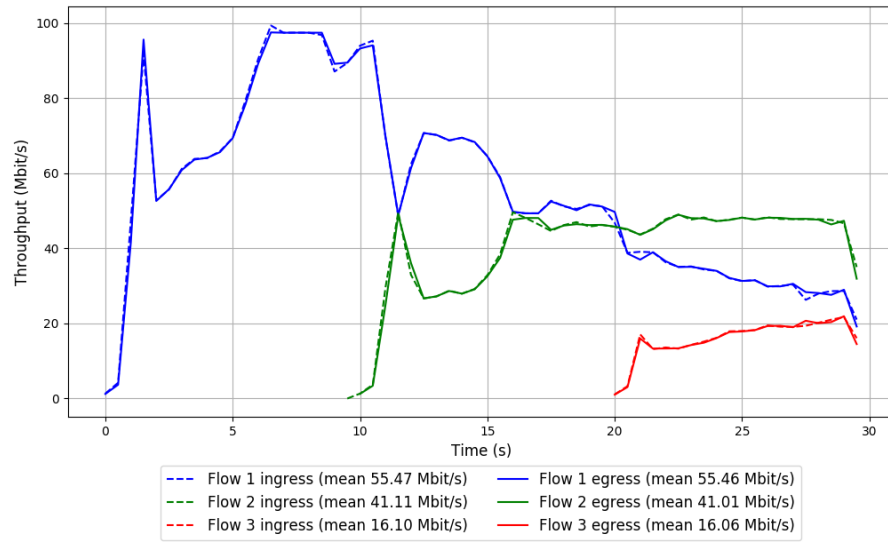


Run 2: Statistics of Vivace-LTE

Start at: 2018-01-31 22:00:39
End at: 2018-01-31 22:01:09
Local clock offset: 1.369 ms
Remote clock offset: -1.382 ms

Below is generated by plot.py at 2018-02-01 06:48:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 57.881 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 55.46 Mbit/s
95th percentile per-packet one-way delay: 57.907 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 45.771 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 60.387 ms
Loss rate: 0.94%

Run 2: Report of Vivace-LTE — Data Link

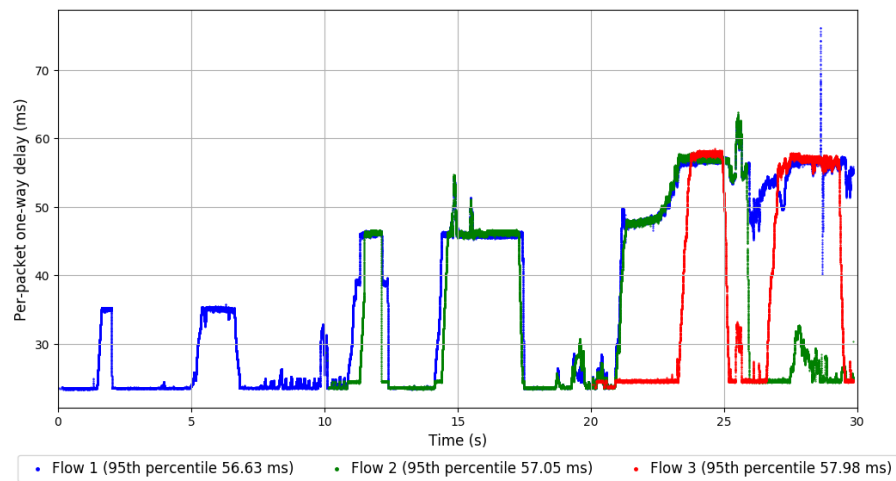
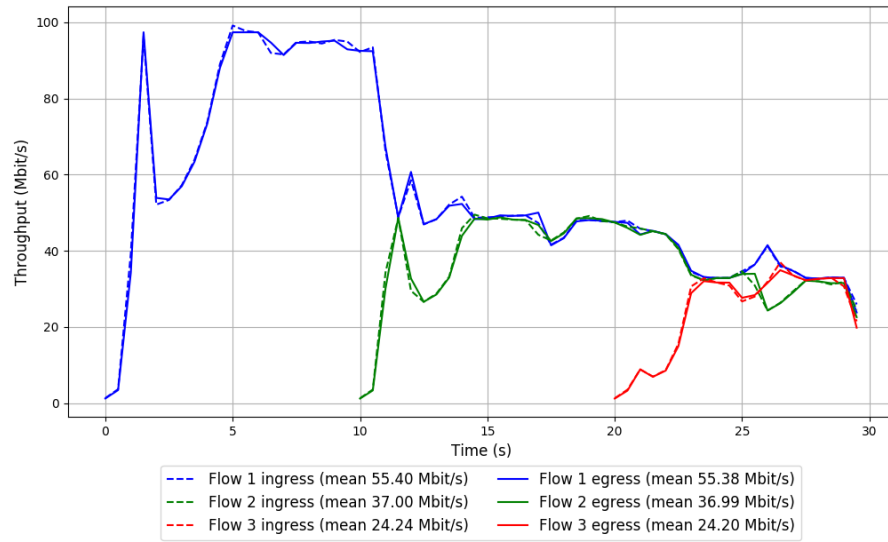


Run 3: Statistics of Vivace-LTE

Start at: 2018-01-31 22:25:12
End at: 2018-01-31 22:25:42
Local clock offset: 1.395 ms
Remote clock offset: -1.244 ms

Below is generated by plot.py at 2018-02-01 06:48:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 57.021 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 55.38 Mbit/s
95th percentile per-packet one-way delay: 56.629 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 57.055 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 57.977 ms
Loss rate: 0.71%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-01-31 22:50:19

End at: 2018-01-31 22:50:49

Local clock offset: 1.578 ms

Remote clock offset: -0.78 ms

Below is generated by plot.py at 2018-02-01 06:48:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.37 Mbit/s

95th percentile per-packet one-way delay: 65.139 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 59.26 Mbit/s

95th percentile per-packet one-way delay: 46.025 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 33.15 Mbit/s

95th percentile per-packet one-way delay: 66.921 ms

Loss rate: 0.21%

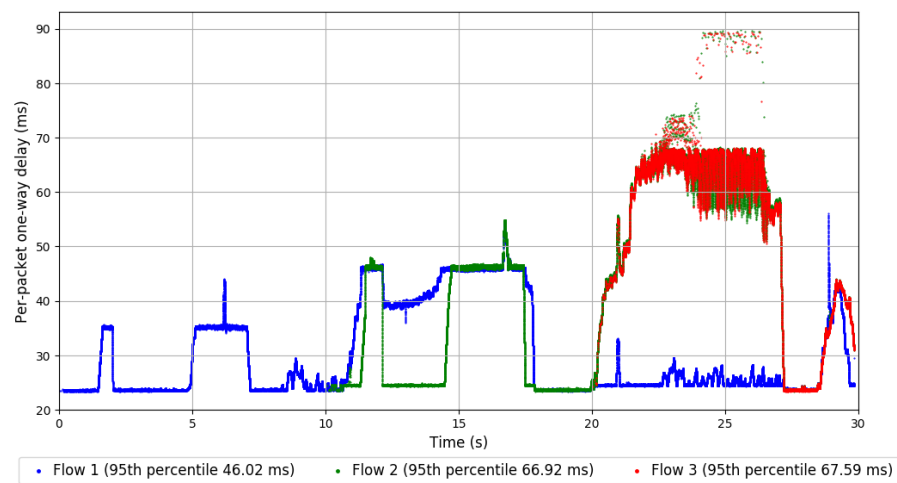
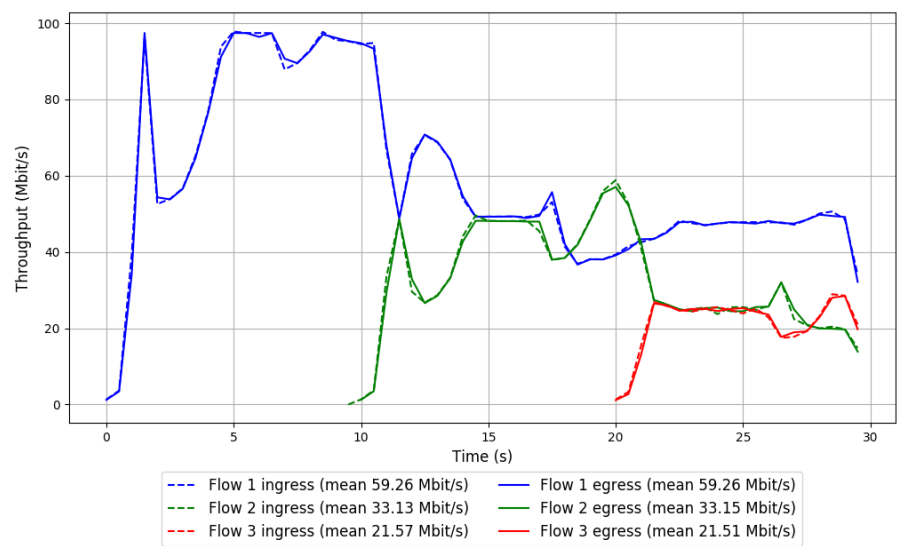
-- Flow 3:

Average throughput: 21.51 Mbit/s

95th percentile per-packet one-way delay: 67.592 ms

Loss rate: 0.82%

Run 4: Report of Vivace-LTE — Data Link

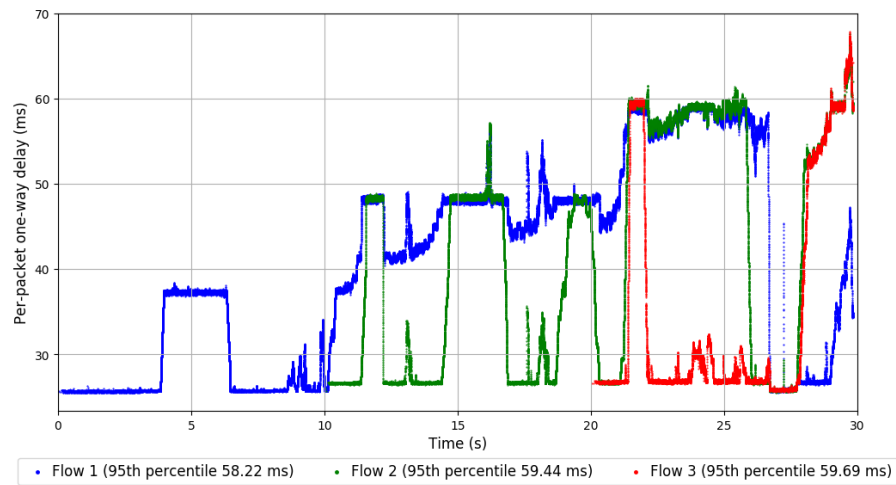
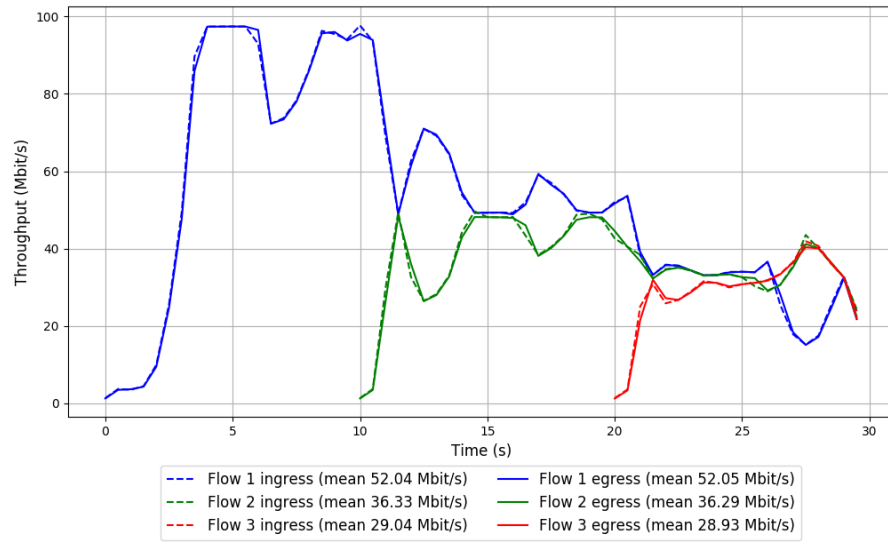


Run 5: Statistics of Vivace-LTE

Start at: 2018-01-31 23:14:58
End at: 2018-01-31 23:15:28
Local clock offset: 1.587 ms
Remote clock offset: -2.664 ms

Below is generated by plot.py at 2018-02-01 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.67 Mbit/s
95th percentile per-packet one-way delay: 59.087 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 52.05 Mbit/s
95th percentile per-packet one-way delay: 58.222 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 59.444 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 28.93 Mbit/s
95th percentile per-packet one-way delay: 59.687 ms
Loss rate: 1.00%

Run 5: Report of Vivace-LTE — Data Link

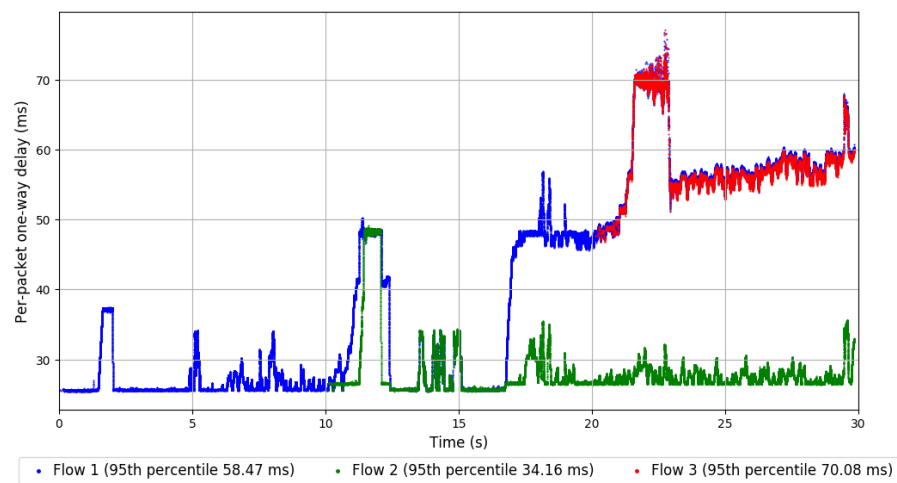
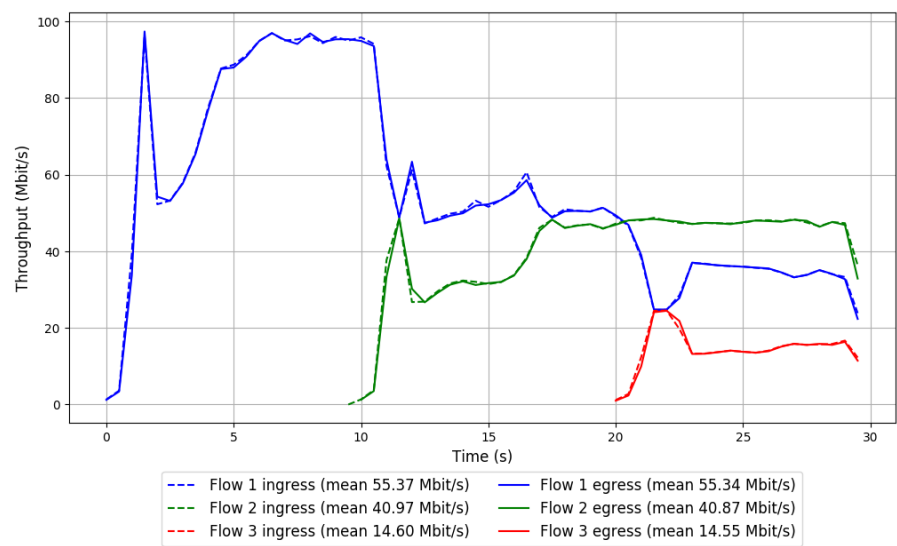


Run 6: Statistics of Vivace-LTE

Start at: 2018-01-31 23:39:37
End at: 2018-01-31 23:40:07
Local clock offset: 1.581 ms
Remote clock offset: -2.512 ms

Below is generated by plot.py at 2018-02-01 06:48:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.29 Mbit/s
95th percentile per-packet one-way delay: 58.589 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 55.34 Mbit/s
95th percentile per-packet one-way delay: 58.473 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 40.87 Mbit/s
95th percentile per-packet one-way delay: 34.158 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 70.080 ms
Loss rate: 1.05%

Run 6: Report of Vivace-LTE — Data Link

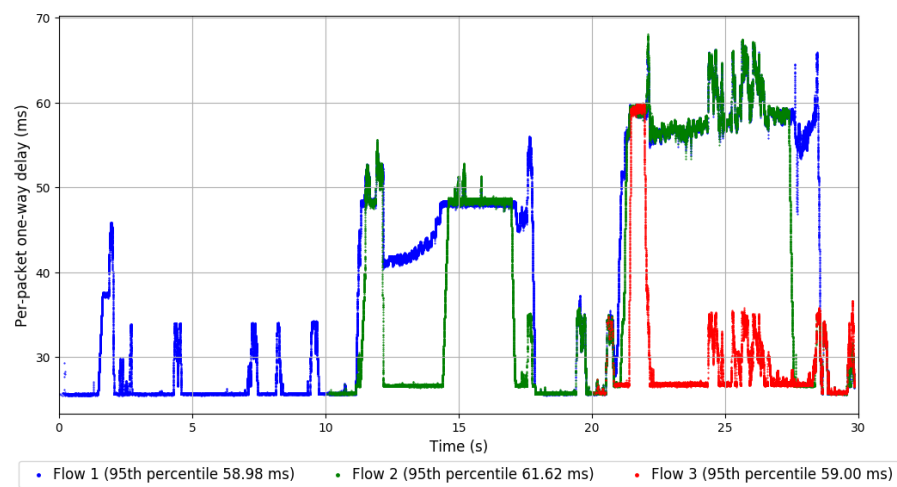
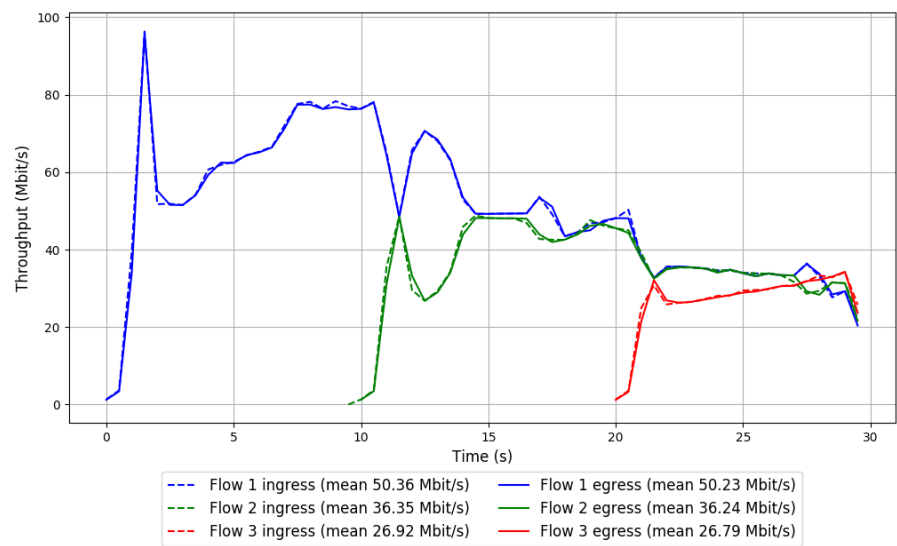


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-01 00:04:42
End at: 2018-02-01 00:05:12
Local clock offset: 1.582 ms
Remote clock offset: -2.733 ms

Below is generated by plot.py at 2018-02-01 06:48:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.13 Mbit/s
95th percentile per-packet one-way delay: 59.276 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 58.985 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 36.24 Mbit/s
95th percentile per-packet one-way delay: 61.623 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 58.997 ms
Loss rate: 1.05%

Run 7: Report of Vivace-LTE — Data Link

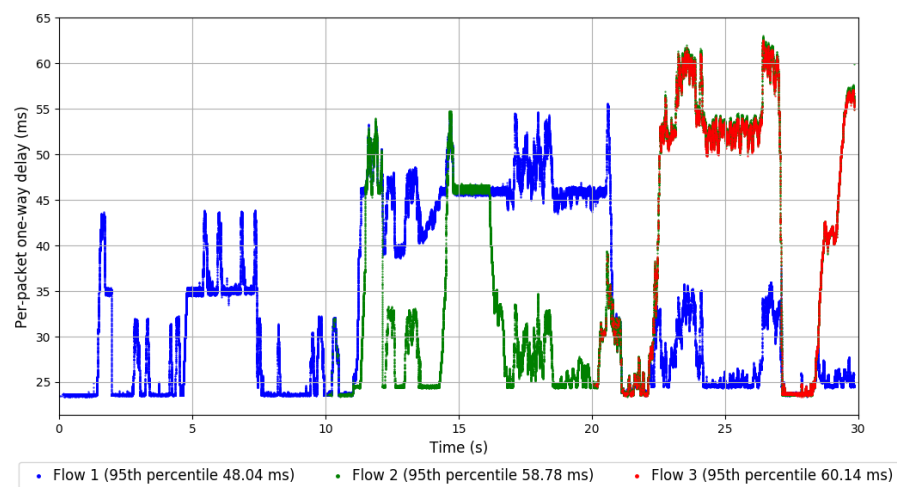
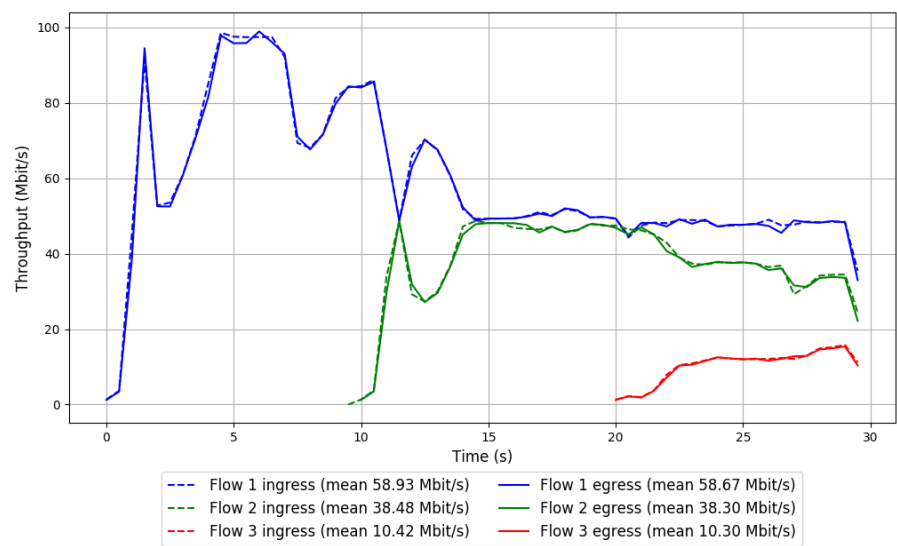


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-01 00:29:40
End at: 2018-02-01 00:30:10
Local clock offset: 1.443 ms
Remote clock offset: -0.946 ms

Below is generated by plot.py at 2018-02-01 06:48:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.51 Mbit/s
95th percentile per-packet one-way delay: 53.523 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 48.038 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 38.30 Mbit/s
95th percentile per-packet one-way delay: 58.779 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 10.30 Mbit/s
95th percentile per-packet one-way delay: 60.137 ms
Loss rate: 1.62%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-01 00:54:42

End at: 2018-02-01 00:55:12

Local clock offset: 1.454 ms

Remote clock offset: -0.63 ms

Below is generated by plot.py at 2018-02-01 06:48:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.70 Mbit/s

95th percentile per-packet one-way delay: 47.370 ms

Loss rate: 0.59%

-- Flow 1:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 47.439 ms

Loss rate: 0.47%

-- Flow 2:

Average throughput: 41.41 Mbit/s

95th percentile per-packet one-way delay: 45.771 ms

Loss rate: 0.69%

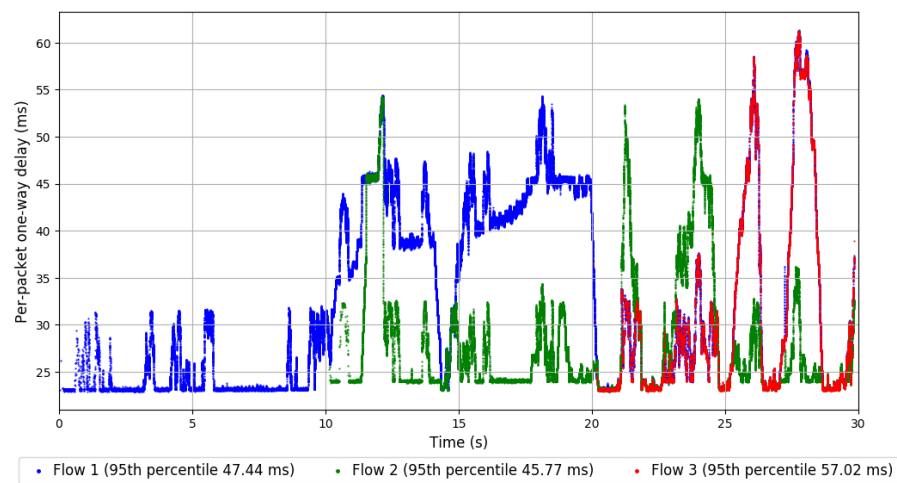
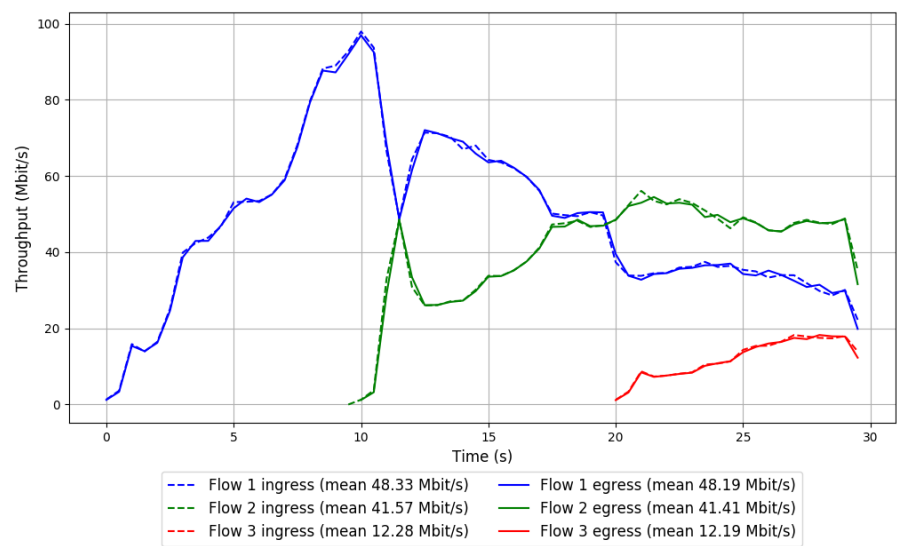
-- Flow 3:

Average throughput: 12.19 Mbit/s

95th percentile per-packet one-way delay: 57.015 ms

Loss rate: 1.35%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-01 01:20:55
End at: 2018-02-01 01:21:25
Local clock offset: 1.43 ms
Remote clock offset: -2.972 ms

Below is generated by plot.py at 2018-02-01 06:48:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.61 Mbit/s
95th percentile per-packet one-way delay: 53.092 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 42.55 Mbit/s
95th percentile per-packet one-way delay: 52.889 ms
Loss rate: 1.57%
-- Flow 2:
Average throughput: 25.45 Mbit/s
95th percentile per-packet one-way delay: 53.945 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 12.59 Mbit/s
95th percentile per-packet one-way delay: 34.429 ms
Loss rate: 2.20%

Run 10: Report of Vivace-LTE — Data Link

