

Pantheon Report

Generated at 2018-03-06 20:47:58 (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).

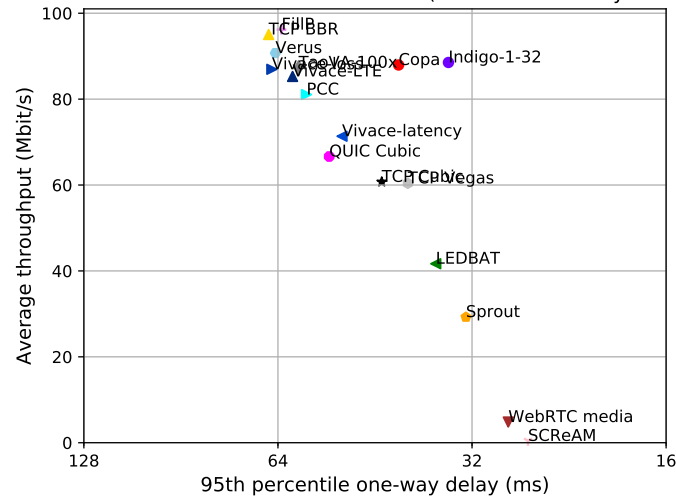
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

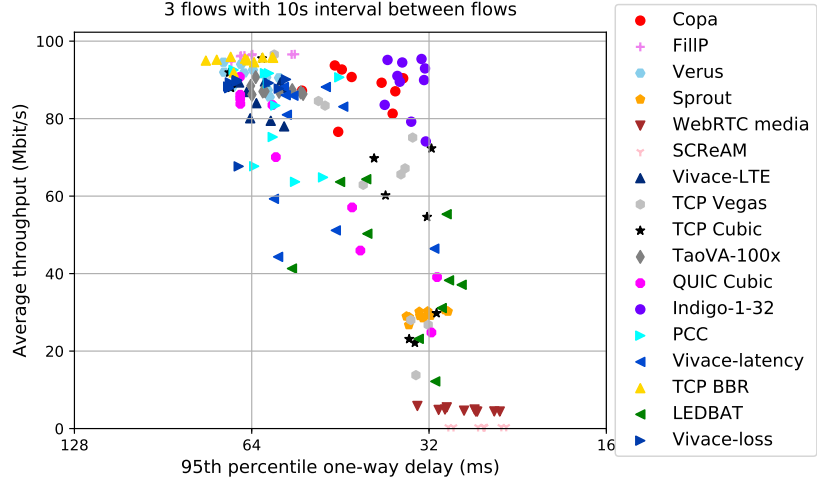
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 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



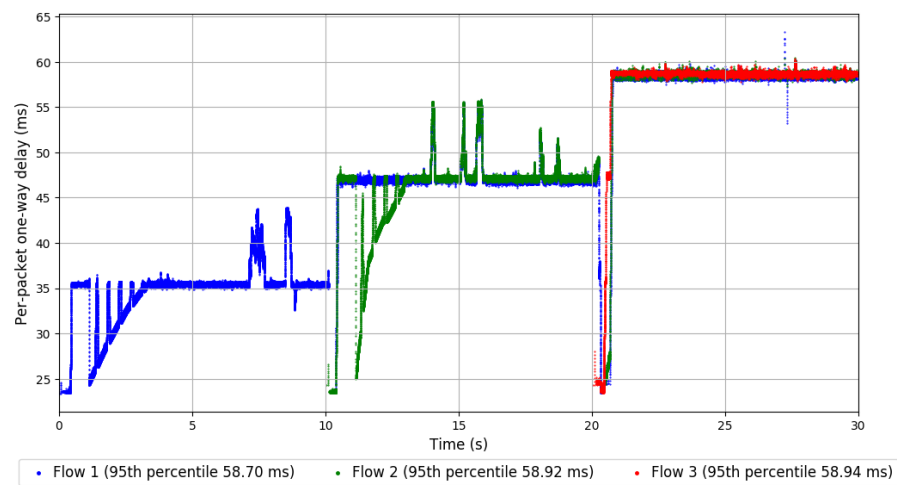
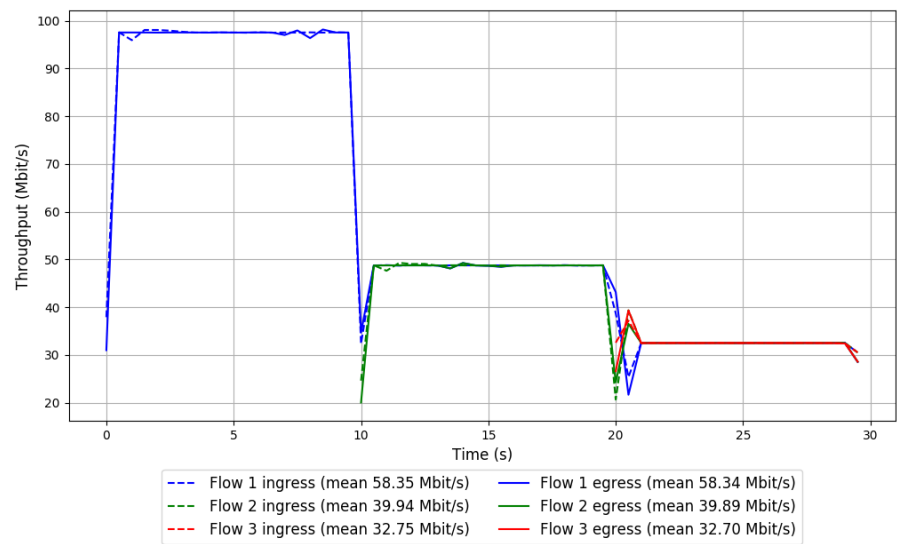
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	58.70	38.61	32.27	61.33	67.31	66.55	0.64	0.79	1.34
TCP Cubic	10	31.61	30.30	27.10	40.56	42.90	49.11	0.36	0.42	0.81
LEDBAT	10	23.55	19.03	16.56	35.70	36.98	35.51	0.43	0.60	0.99
PCC	10	47.03	37.88	26.97	55.66	54.55	53.05	0.51	0.64	0.91
QUIC Cubic	10	36.15	30.88	30.39	51.20	49.81	48.05	0.45	0.58	1.03
SCReAM	10	0.21	0.22	0.22	26.29	26.05	25.82	0.33	0.28	0.44
WebRTC media	10	2.50	1.60	0.72	27.82	28.27	28.47	0.35	0.45	0.63
Sprout	10	14.91	14.66	14.02	32.31	32.46	34.34	0.37	0.42	0.75
TaoVA-100x	10	51.88	38.80	29.04	52.48	58.86	60.89	0.43	0.63	1.23
TCP Vegas	10	32.77	27.73	27.70	37.58	42.32	42.98	0.30	0.48	0.75
Verus	10	55.14	38.16	30.93	62.72	62.53	64.54	0.58	0.73	1.16
Copa	10	60.51	29.14	24.31	40.71	40.08	42.92	0.56	5.53	0.85
FillP	8	60.11	40.05	28.59	56.13	60.06	64.17	0.60	0.79	1.46
Indigo-1-32	10	56.39	33.04	31.38	34.82	34.53	34.72	0.40	0.53	0.87
Vivace-latency	10	48.56	25.22	18.39	49.76	51.09	43.49	0.49	0.67	1.41
Vivace-loss	10	51.37	40.21	28.48	64.61	60.39	61.76	0.75	1.35	1.44
Vivace-LTE	10	54.24	33.87	25.95	57.21	61.23	61.73	0.50	0.67	1.27

Run 1: Statistics of TCP BBR

Start at: 2018-03-06 11:53:13
End at: 2018-03-06 11:53:43
Local clock offset: 0.69 ms
Remote clock offset: -0.577 ms

Below is generated by plot.py at 2018-03-06 20:24:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 58.869 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 58.34 Mbit/s
95th percentile per-packet one-way delay: 58.703 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 39.89 Mbit/s
95th percentile per-packet one-way delay: 58.924 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 32.70 Mbit/s
95th percentile per-packet one-way delay: 58.941 ms
Loss rate: 0.88%

Run 1: Report of TCP BBR — Data Link

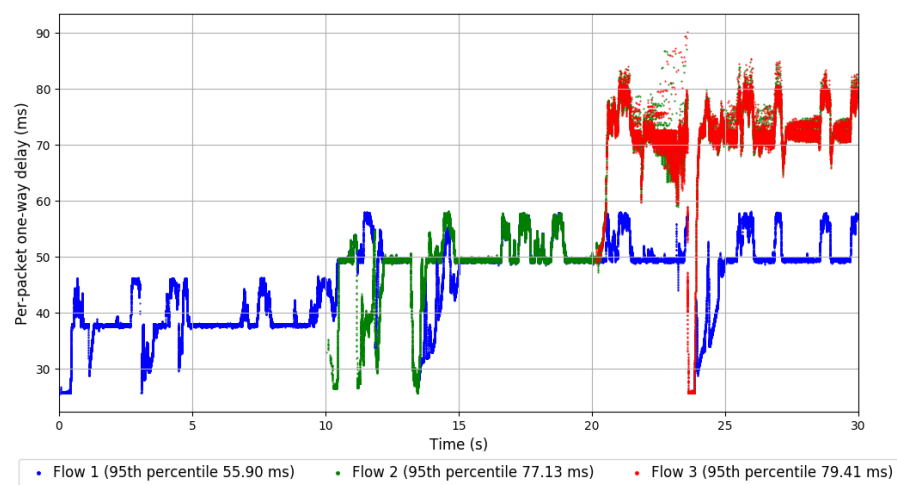
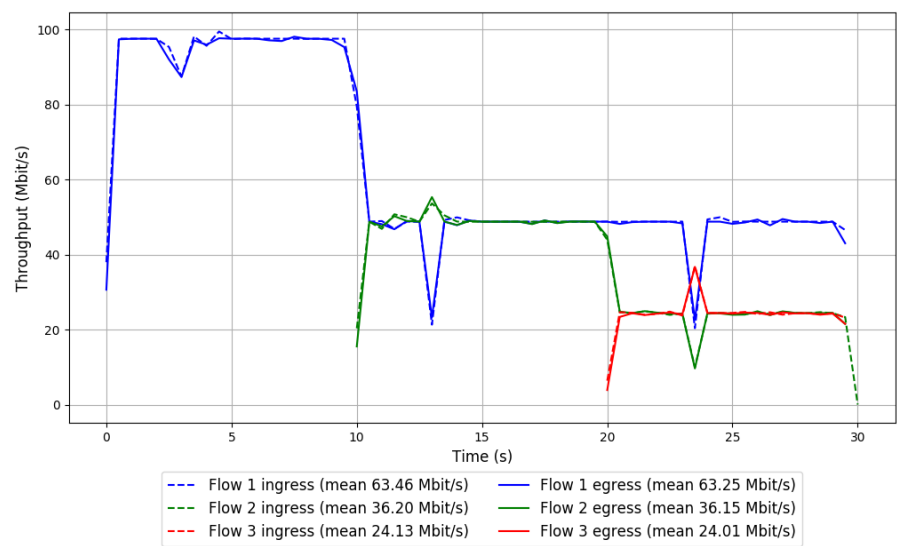


Run 2: Statistics of TCP BBR

Start at: 2018-03-06 12:17:51
End at: 2018-03-06 12:18:21
Local clock offset: 0.847 ms
Remote clock offset: -2.715 ms

Below is generated by plot.py at 2018-03-06 20:24:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.21 Mbit/s
95th percentile per-packet one-way delay: 73.387 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 63.25 Mbit/s
95th percentile per-packet one-way delay: 55.904 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 36.15 Mbit/s
95th percentile per-packet one-way delay: 77.132 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 24.01 Mbit/s
95th percentile per-packet one-way delay: 79.412 ms
Loss rate: 1.25%

Run 2: Report of TCP BBR — Data Link

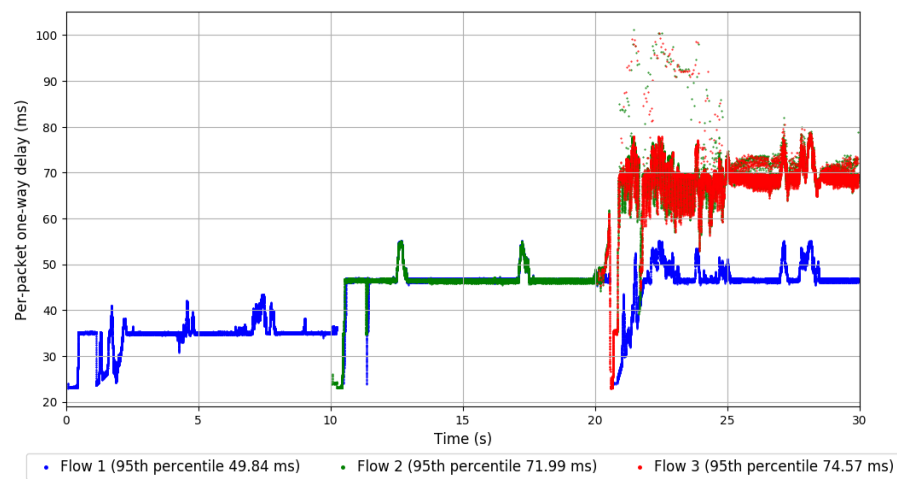
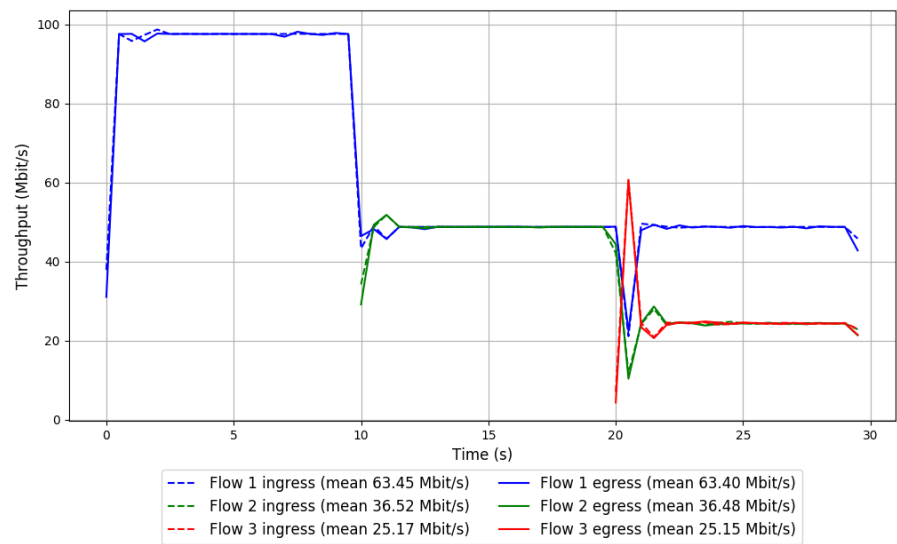


Run 3: Statistics of TCP BBR

Start at: 2018-03-06 12:42:27
End at: 2018-03-06 12:42:57
Local clock offset: 1.007 ms
Remote clock offset: -0.872 ms

Below is generated by plot.py at 2018-03-06 20:24:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 69.499 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 63.40 Mbit/s
95th percentile per-packet one-way delay: 49.836 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 71.987 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 25.15 Mbit/s
95th percentile per-packet one-way delay: 74.571 ms
Loss rate: 1.09%

Run 3: Report of TCP BBR — Data Link

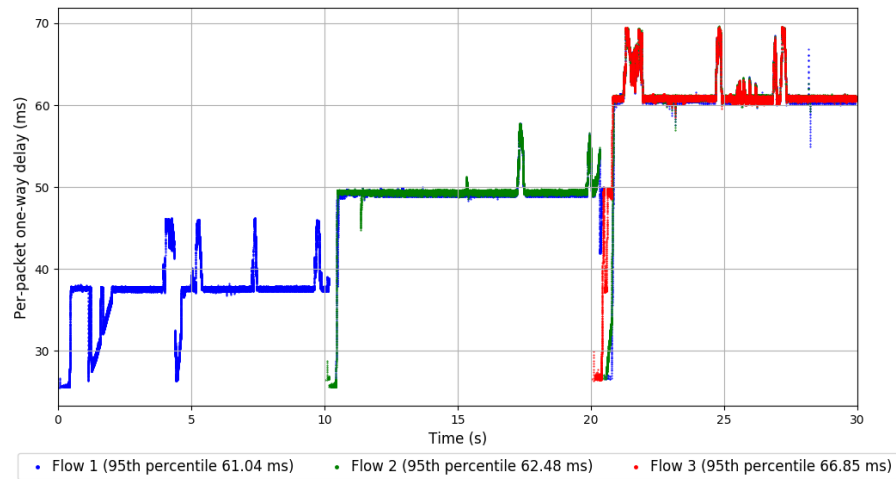
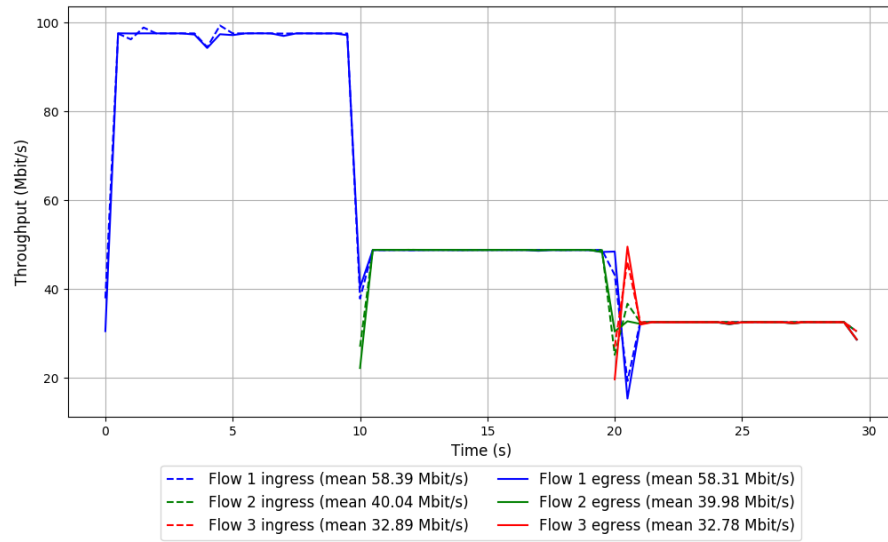


Run 4: Statistics of TCP BBR

Start at: 2018-03-06 13:06:59
End at: 2018-03-06 13:07:29
Local clock offset: 1.064 ms
Remote clock offset: -3.746 ms

Below is generated by plot.py at 2018-03-06 20:24:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 61.343 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 58.31 Mbit/s
95th percentile per-packet one-way delay: 61.044 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 39.98 Mbit/s
95th percentile per-packet one-way delay: 62.478 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 32.78 Mbit/s
95th percentile per-packet one-way delay: 66.846 ms
Loss rate: 1.05%

Run 4: Report of TCP BBR — Data Link

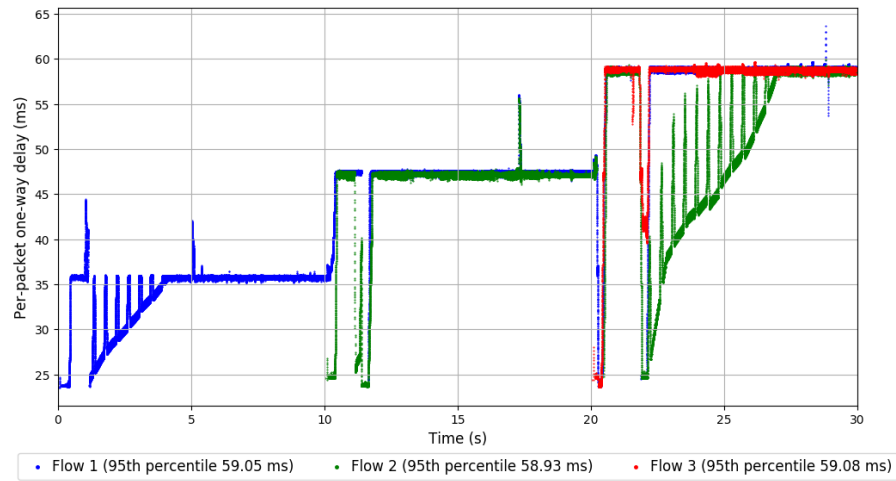
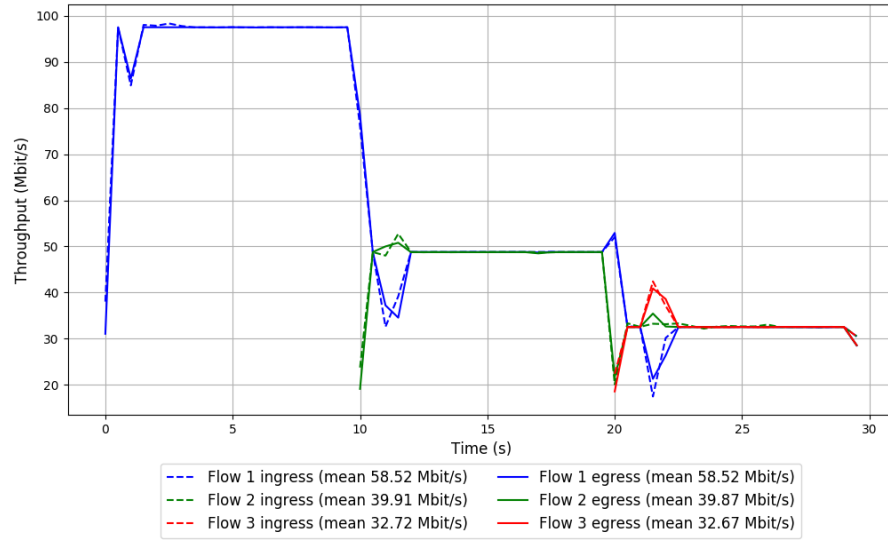


Run 5: Statistics of TCP BBR

Start at: 2018-03-06 13:31:33
End at: 2018-03-06 13:32:03
Local clock offset: 0.972 ms
Remote clock offset: -1.167 ms

Below is generated by plot.py at 2018-03-06 20:24:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 59.045 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 58.52 Mbit/s
95th percentile per-packet one-way delay: 59.051 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 58.932 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 59.081 ms
Loss rate: 0.88%

Run 5: Report of TCP BBR — Data Link

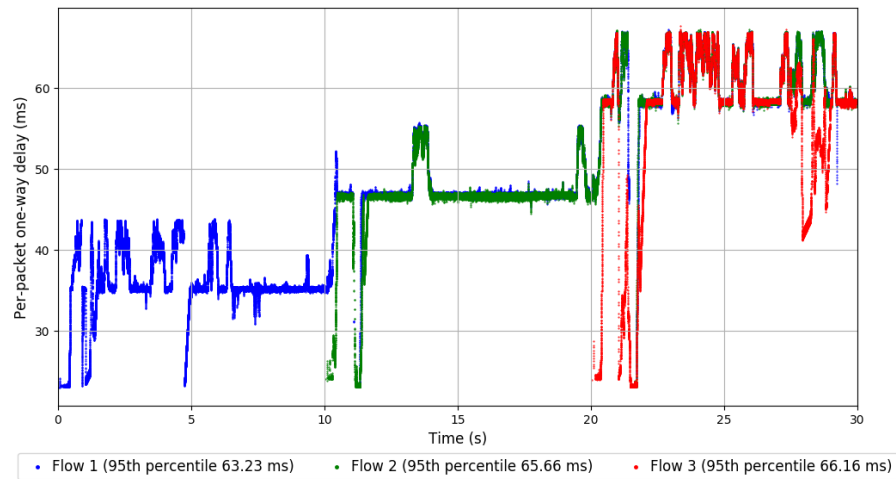
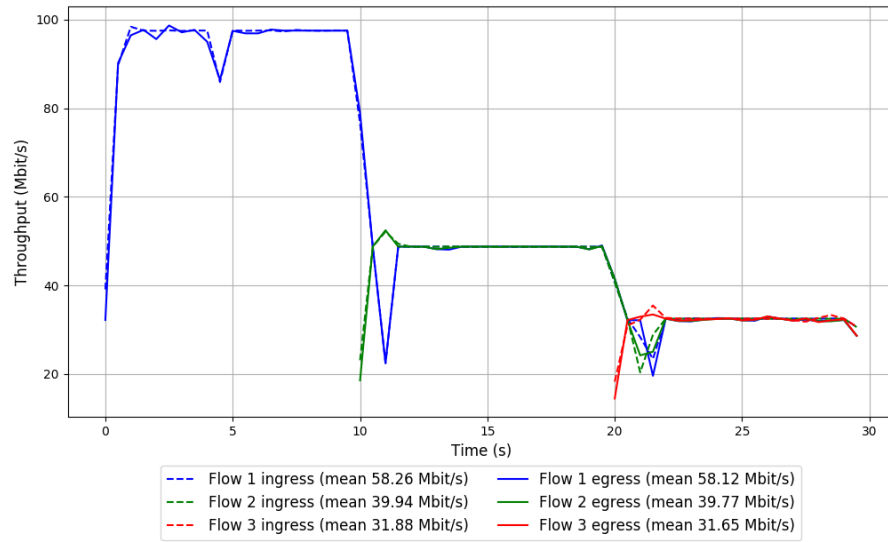


Run 6: Statistics of TCP BBR

Start at: 2018-03-06 13:56:22
End at: 2018-03-06 13:56:52
Local clock offset: 0.919 ms
Remote clock offset: -1.464 ms

Below is generated by plot.py at 2018-03-06 20:24:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 65.111 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 58.12 Mbit/s
95th percentile per-packet one-way delay: 63.231 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 65.658 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 66.164 ms
Loss rate: 1.42%

Run 6: Report of TCP BBR — Data Link

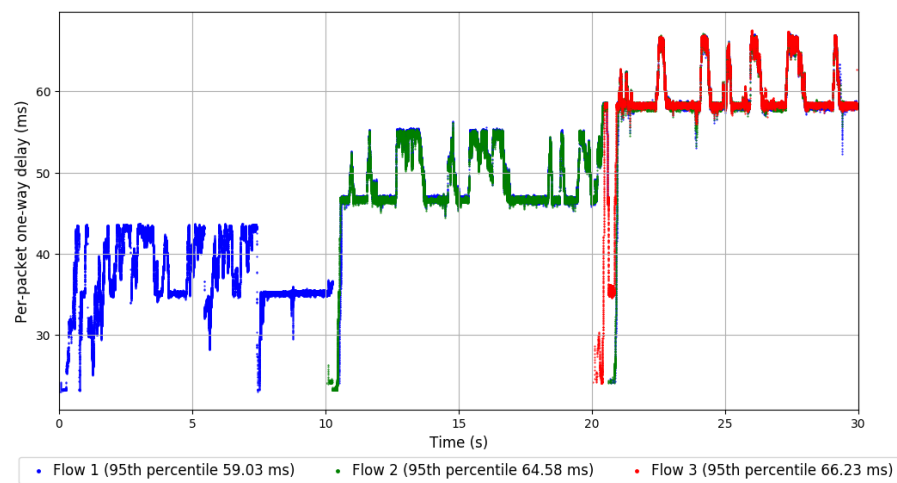
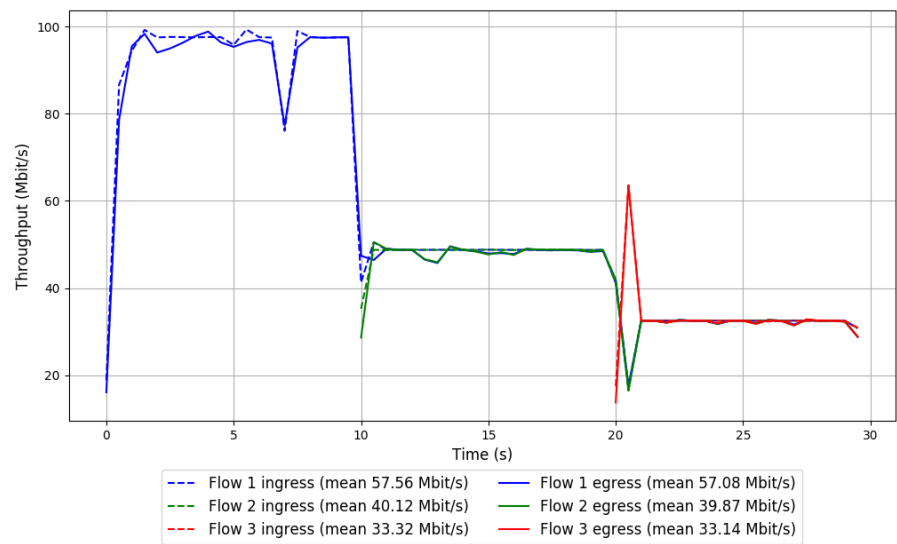


Run 7: Statistics of TCP BBR

Start at: 2018-03-06 14:21:08
End at: 2018-03-06 14:21:38
Local clock offset: 0.957 ms
Remote clock offset: -0.899 ms

Below is generated by plot.py at 2018-03-06 20:24:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 63.411 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 57.08 Mbit/s
95th percentile per-packet one-way delay: 59.027 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 64.578 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 33.14 Mbit/s
95th percentile per-packet one-way delay: 66.231 ms
Loss rate: 1.21%

Run 7: Report of TCP BBR — Data Link

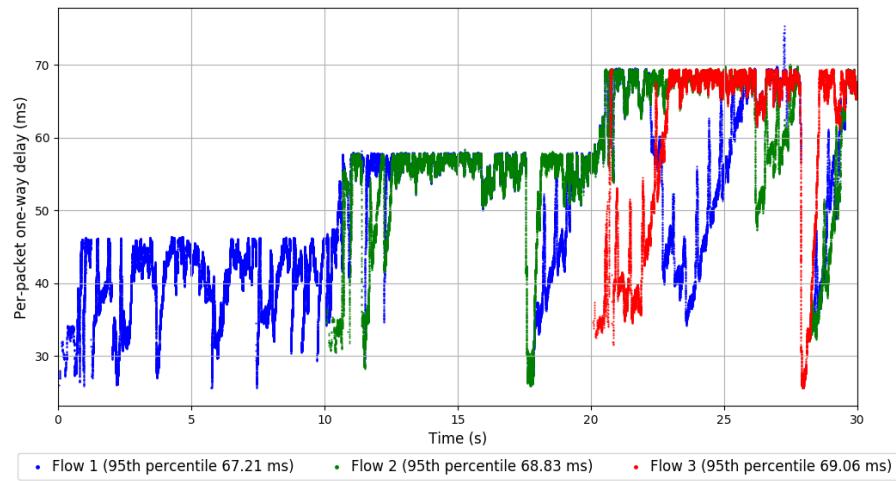
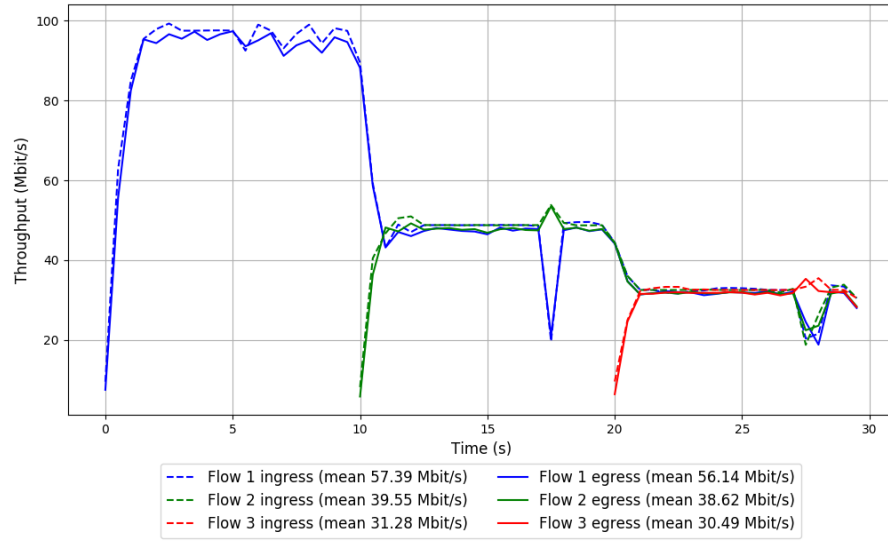


Run 8: Statistics of TCP BBR

Start at: 2018-03-06 14:46:26
End at: 2018-03-06 14:46:56
Local clock offset: 0.911 ms
Remote clock offset: -2.579 ms

Below is generated by plot.py at 2018-03-06 20:24:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 68.687 ms
Loss rate: 2.54%
-- Flow 1:
Average throughput: 56.14 Mbit/s
95th percentile per-packet one-way delay: 67.212 ms
Loss rate: 2.35%
-- Flow 2:
Average throughput: 38.62 Mbit/s
95th percentile per-packet one-way delay: 68.833 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 30.49 Mbit/s
95th percentile per-packet one-way delay: 69.065 ms
Loss rate: 3.30%

Run 8: Report of TCP BBR — Data Link

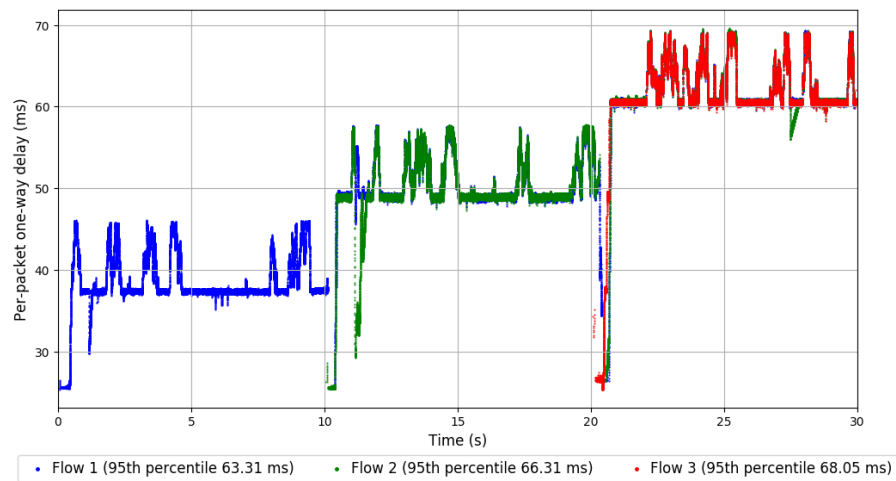
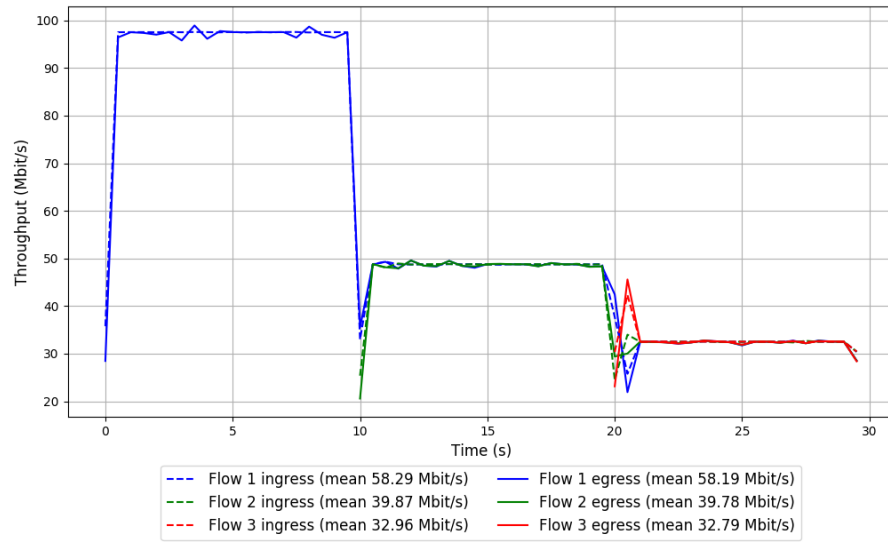


Run 9: Statistics of TCP BBR

Start at: 2018-03-06 15:13:10
End at: 2018-03-06 15:13:40
Local clock offset: 0.853 ms
Remote clock offset: -10.239 ms

Below is generated by plot.py at 2018-03-06 20:25:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 65.697 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 58.19 Mbit/s
95th percentile per-packet one-way delay: 63.315 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 66.314 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 68.051 ms
Loss rate: 1.12%

Run 9: Report of TCP BBR — Data Link

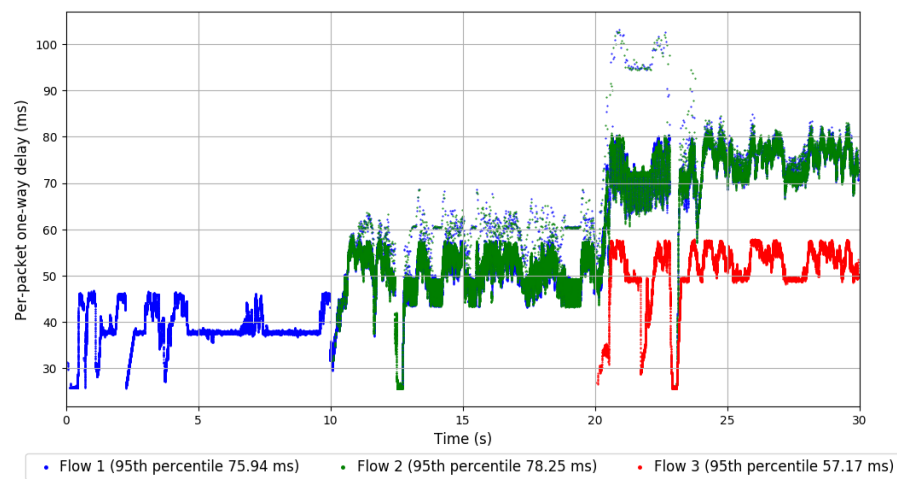
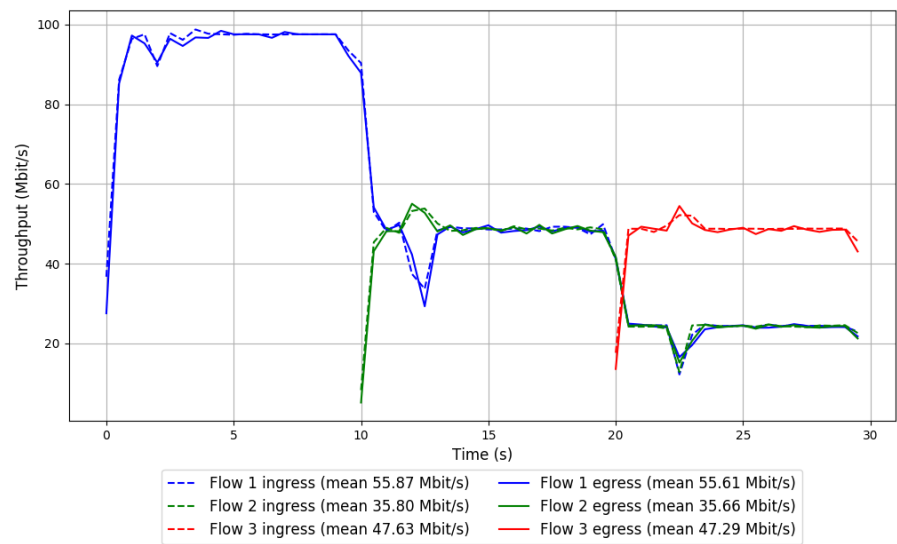


Run 10: Statistics of TCP BBR

Start at: 2018-03-06 15:38:31
End at: 2018-03-06 15:39:01
Local clock offset: 0.769 ms
Remote clock offset: -13.328 ms

Below is generated by plot.py at 2018-03-06 20:25:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 76.574 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 55.61 Mbit/s
95th percentile per-packet one-way delay: 75.935 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 35.66 Mbit/s
95th percentile per-packet one-way delay: 78.254 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 47.29 Mbit/s
95th percentile per-packet one-way delay: 57.171 ms
Loss rate: 1.25%

Run 10: Report of TCP BBR — Data Link

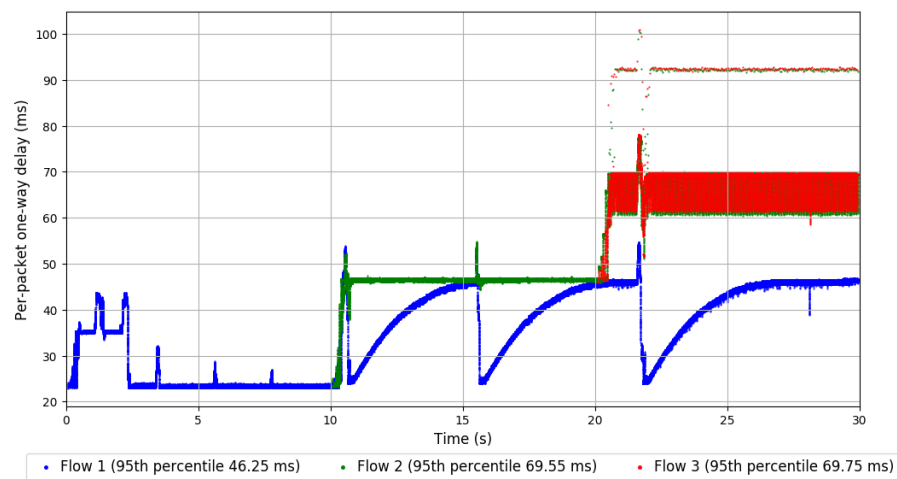
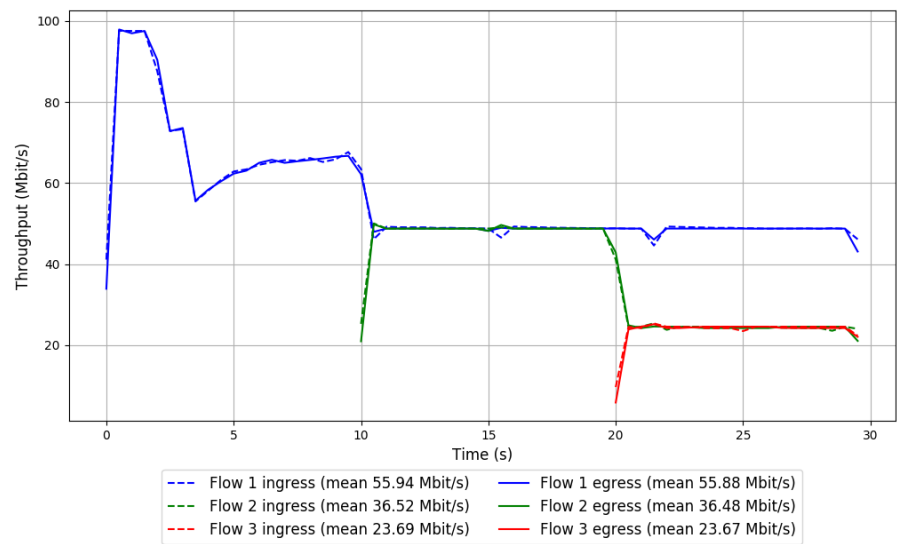


Run 1: Statistics of TCP Cubic

Start at: 2018-03-06 12:08:04
End at: 2018-03-06 12:08:34
Local clock offset: 0.831 ms
Remote clock offset: -0.295 ms

Below is generated by plot.py at 2018-03-06 20:25:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.96 Mbit/s
95th percentile per-packet one-way delay: 69.431 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 46.254 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 69.547 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 23.67 Mbit/s
95th percentile per-packet one-way delay: 69.752 ms
Loss rate: 1.09%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-03-06 12:32:46

End at: 2018-03-06 12:33:16

Local clock offset: 0.898 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at 2018-03-06 20:25:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.30 Mbit/s

95th percentile per-packet one-way delay: 31.696 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 38.37 Mbit/s

95th percentile per-packet one-way delay: 30.224 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 34.63 Mbit/s

95th percentile per-packet one-way delay: 46.673 ms

Loss rate: 0.23%

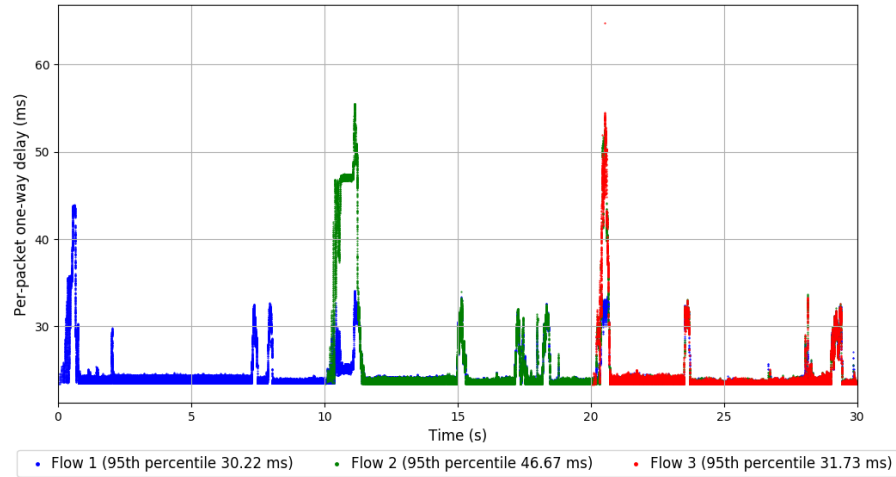
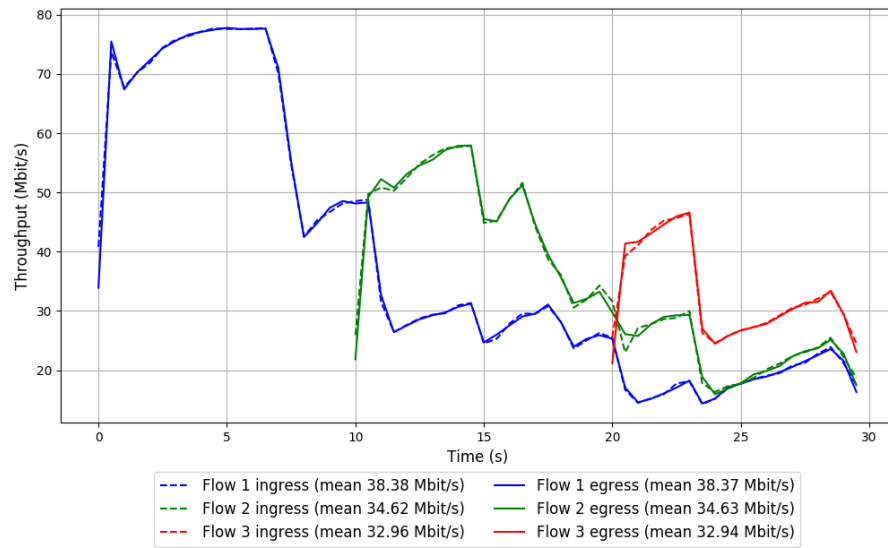
-- Flow 3:

Average throughput: 32.94 Mbit/s

95th percentile per-packet one-way delay: 31.730 ms

Loss rate: 0.57%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-03-06 12:57:19

End at: 2018-03-06 12:57:49

Local clock offset: 1.121 ms

Remote clock offset: -1.3 ms

Below is generated by plot.py at 2018-03-06 20:25:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 61.476 ms

Loss rate: 0.32%

-- Flow 1:

Average throughput: 51.59 Mbit/s

95th percentile per-packet one-way delay: 59.659 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 51.52 Mbit/s

95th percentile per-packet one-way delay: 48.802 ms

Loss rate: 0.40%

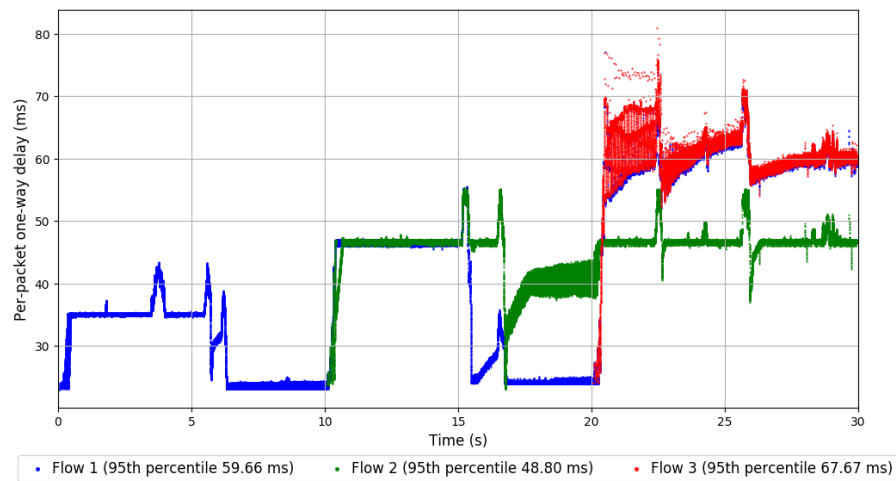
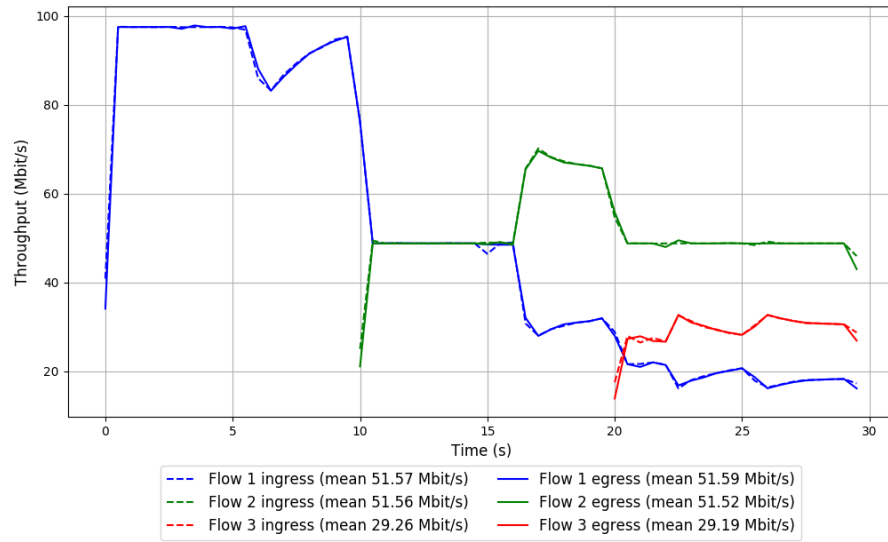
-- Flow 3:

Average throughput: 29.19 Mbit/s

95th percentile per-packet one-way delay: 67.672 ms

Loss rate: 0.97%

Run 3: Report of TCP Cubic — Data Link

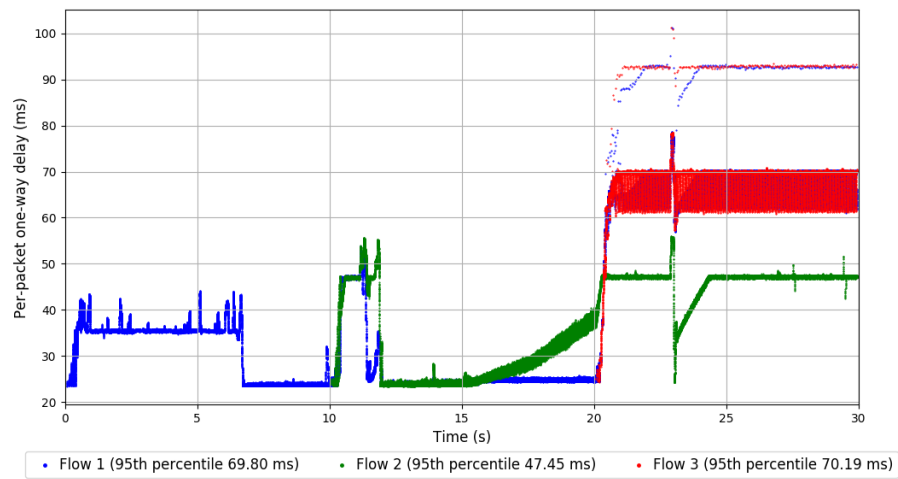
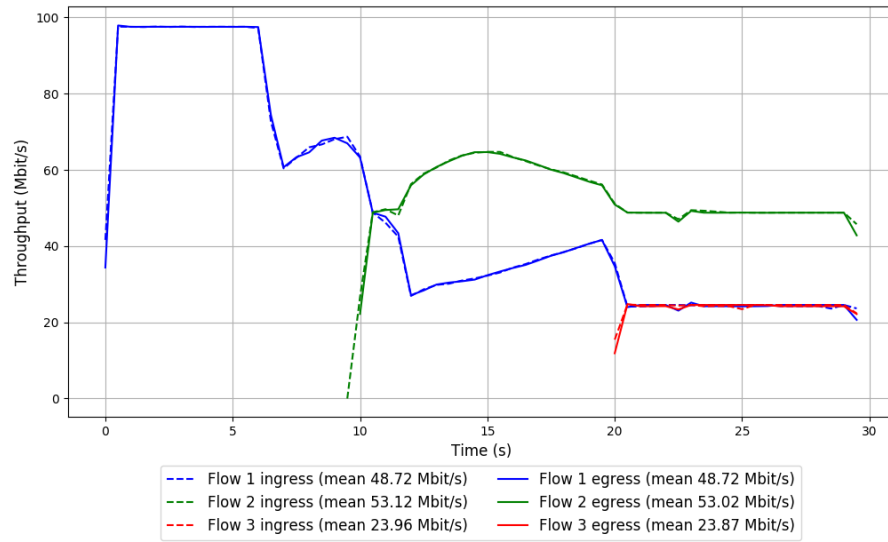


Run 4: Statistics of TCP Cubic

Start at: 2018-03-06 13:21:54
End at: 2018-03-06 13:22:24
Local clock offset: 0.986 ms
Remote clock offset: -1.139 ms

Below is generated by plot.py at 2018-03-06 20:25:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 69.878 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 48.72 Mbit/s
95th percentile per-packet one-way delay: 69.800 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 53.02 Mbit/s
95th percentile per-packet one-way delay: 47.451 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 70.188 ms
Loss rate: 1.18%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-03-06 13:46:33

End at: 2018-03-06 13:47:03

Local clock offset: 0.833 ms

Remote clock offset: -3.71 ms

Below is generated by plot.py at 2018-03-06 20:25:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 60.18 Mbit/s

95th percentile per-packet one-way delay: 37.930 ms

Loss rate: 0.36%

-- Flow 1:

Average throughput: 31.53 Mbit/s

95th percentile per-packet one-way delay: 37.918 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 27.93 Mbit/s

95th percentile per-packet one-way delay: 33.598 ms

Loss rate: 0.40%

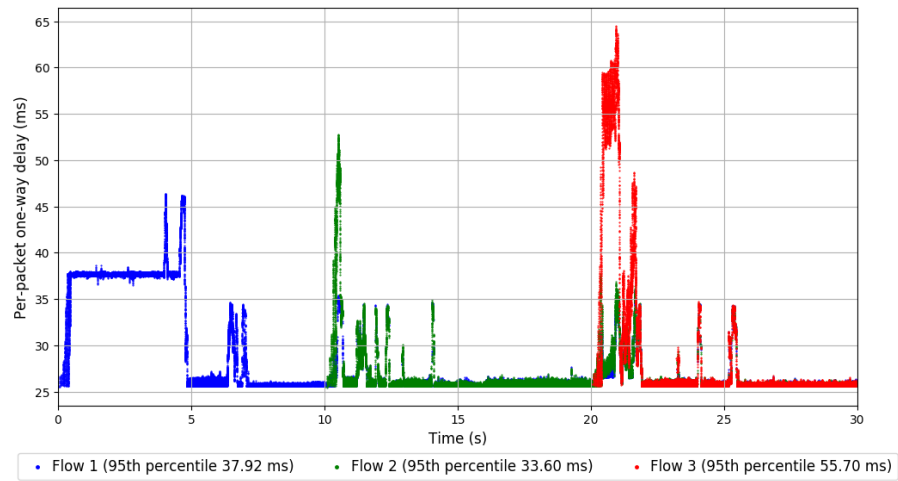
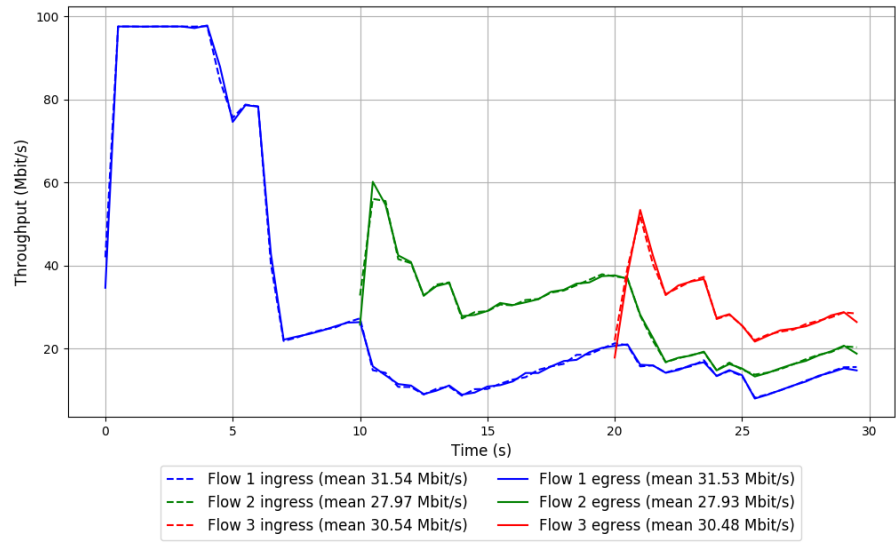
-- Flow 3:

Average throughput: 30.48 Mbit/s

95th percentile per-packet one-way delay: 55.699 ms

Loss rate: 0.74%

Run 5: Report of TCP Cubic — Data Link

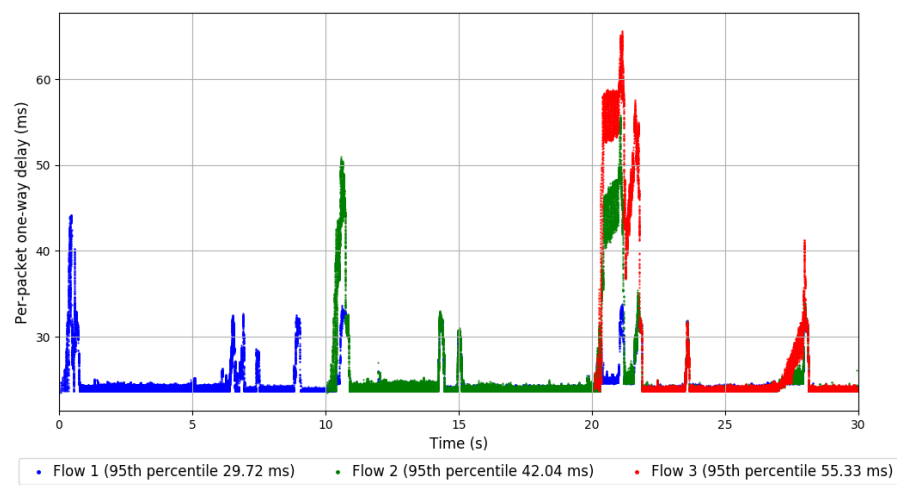
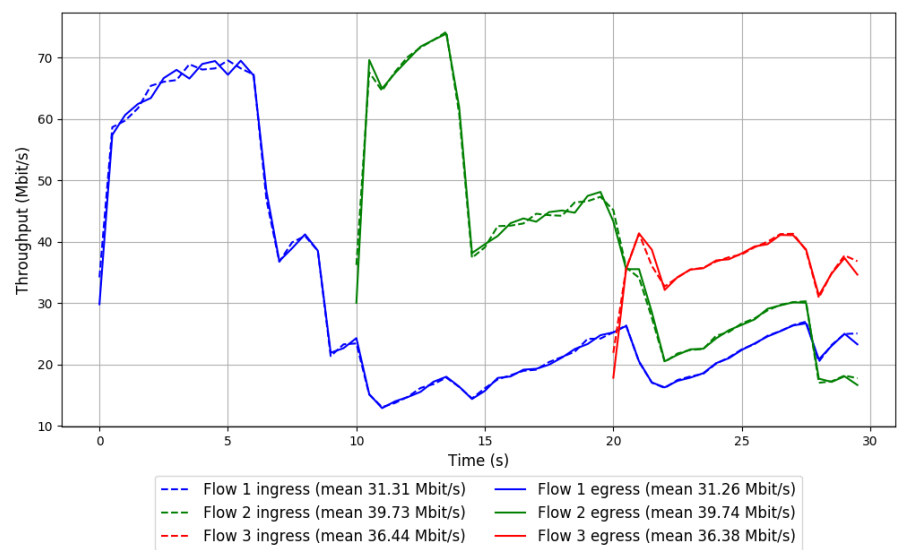


Run 6: Statistics of TCP Cubic

Start at: 2018-03-06 14:11:19
End at: 2018-03-06 14:11:49
Local clock offset: 0.939 ms
Remote clock offset: -2.197 ms

Below is generated by plot.py at 2018-03-06 20:25:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.76 Mbit/s
95th percentile per-packet one-way delay: 39.660 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 29.724 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 42.038 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 55.326 ms
Loss rate: 0.68%

Run 6: Report of TCP Cubic — Data Link

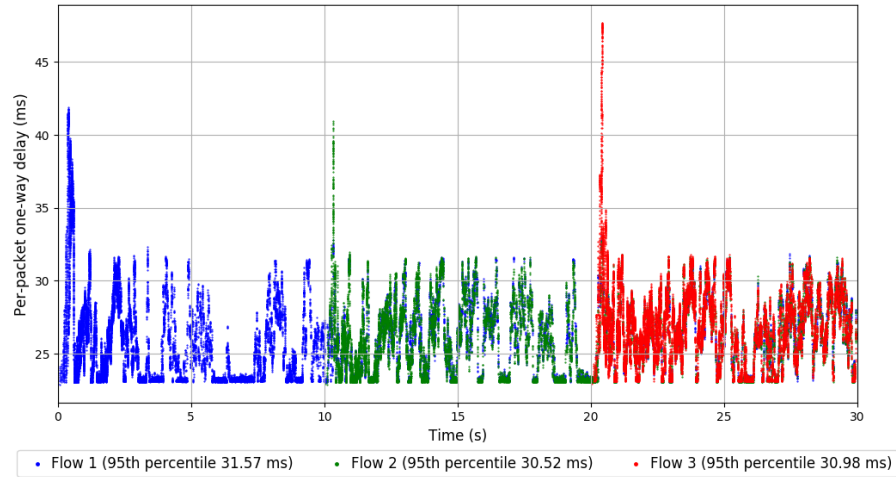
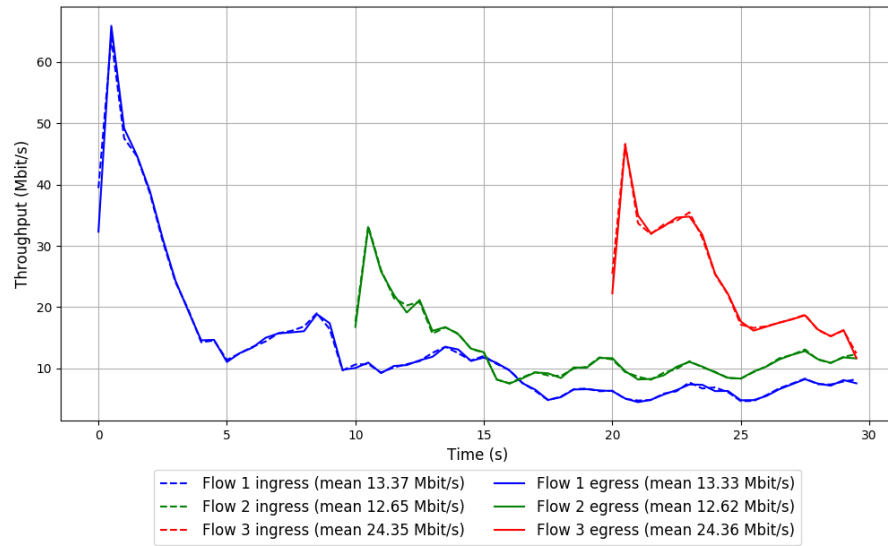


Run 7: Statistics of TCP Cubic

Start at: 2018-03-06 14:36:15
End at: 2018-03-06 14:36:45
Local clock offset: 0.892 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-03-06 20:25:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 31.075 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 13.33 Mbit/s
95th percentile per-packet one-way delay: 31.574 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 12.62 Mbit/s
95th percentile per-packet one-way delay: 30.515 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 30.978 ms
Loss rate: 0.52%

Run 7: Report of TCP Cubic — Data Link

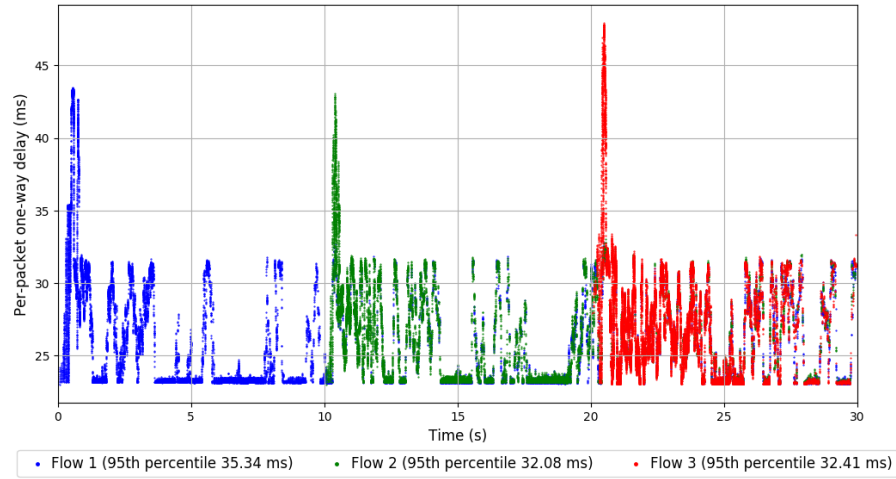
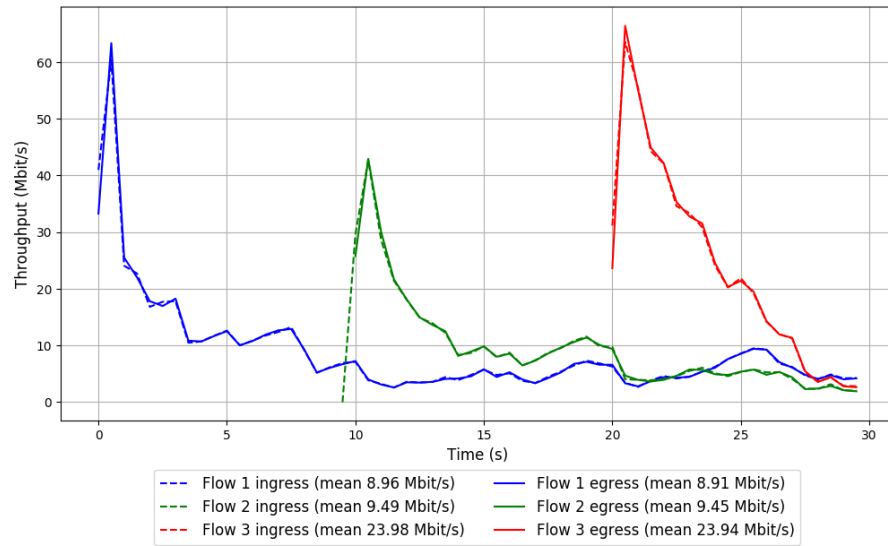


Run 8: Statistics of TCP Cubic

Start at: 2018-03-06 15:02:58
End at: 2018-03-06 15:03:28
Local clock offset: 0.957 ms
Remote clock offset: -5.681 ms

Below is generated by plot.py at 2018-03-06 20:25:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.11 Mbit/s
95th percentile per-packet one-way delay: 34.586 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 35.345 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 32.083 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 32.410 ms
Loss rate: 0.66%

Run 8: Report of TCP Cubic — Data Link

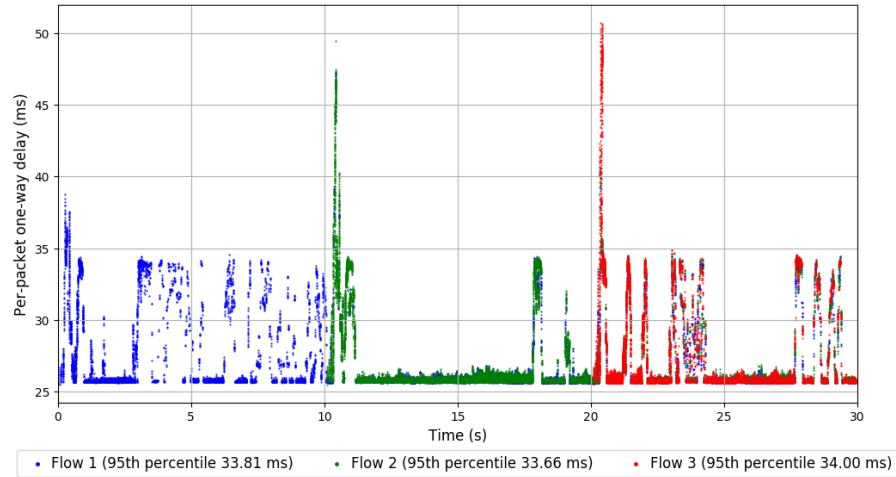
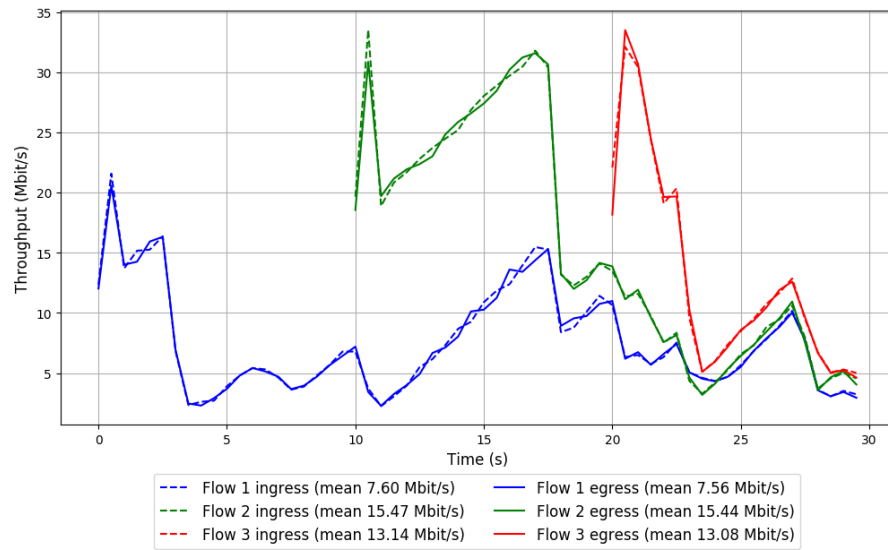


Run 9: Statistics of TCP Cubic

Start at: 2018-03-06 15:28:28
End at: 2018-03-06 15:28:58
Local clock offset: 0.806 ms
Remote clock offset: -12.448 ms

Below is generated by plot.py at 2018-03-06 20:25:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.15 Mbit/s
95th percentile per-packet one-way delay: 33.821 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 33.807 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 33.656 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 34.002 ms
Loss rate: 1.01%

Run 9: Report of TCP Cubic — Data Link

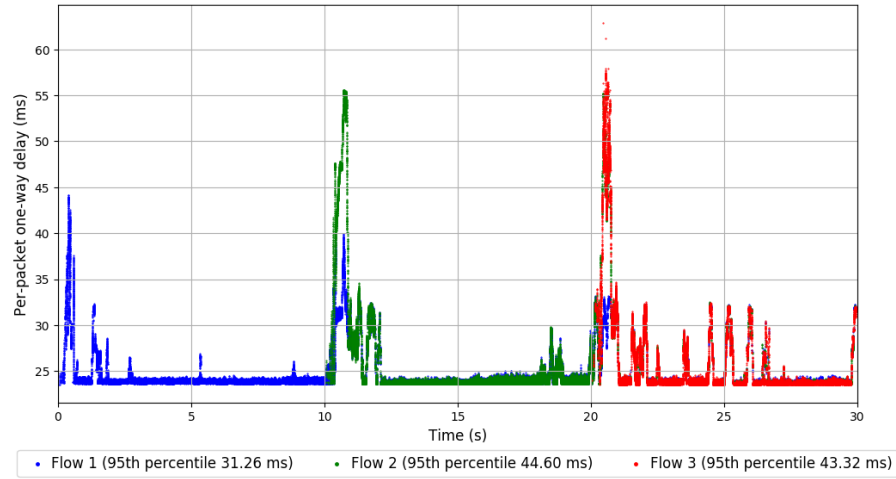
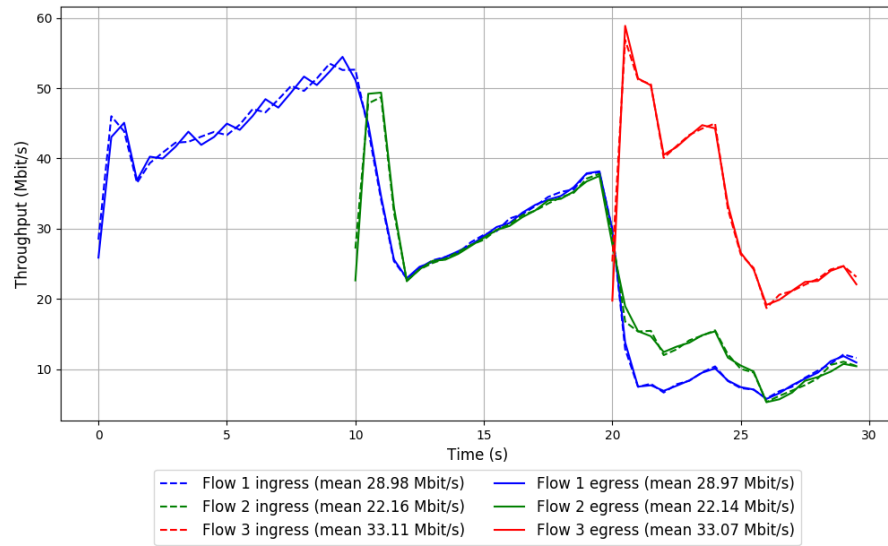


Run 10: Statistics of TCP Cubic

Start at: 2018-03-06 15:53:36
End at: 2018-03-06 15:54:06
Local clock offset: 0.768 ms
Remote clock offset: -12.181 ms

Below is generated by plot.py at 2018-03-06 20:26:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.63 Mbit/s
95th percentile per-packet one-way delay: 32.247 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 28.97 Mbit/s
95th percentile per-packet one-way delay: 31.259 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 44.601 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 43.317 ms
Loss rate: 0.65%

Run 10: Report of TCP Cubic — Data Link

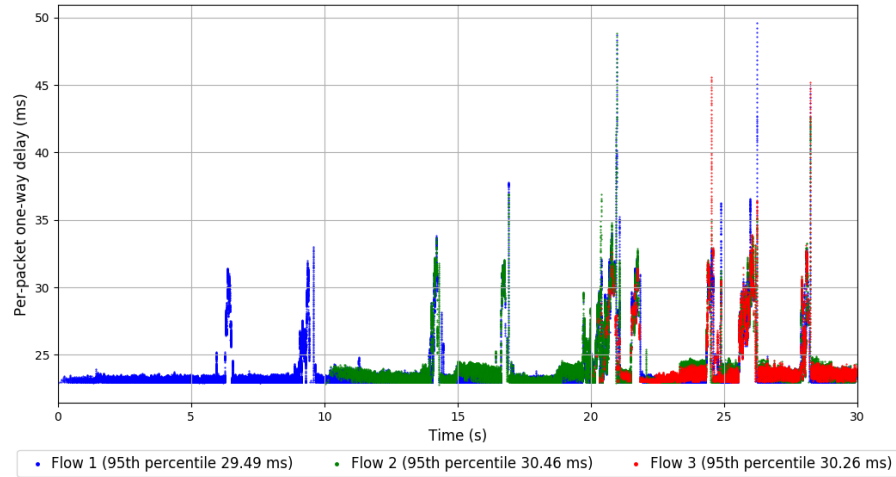
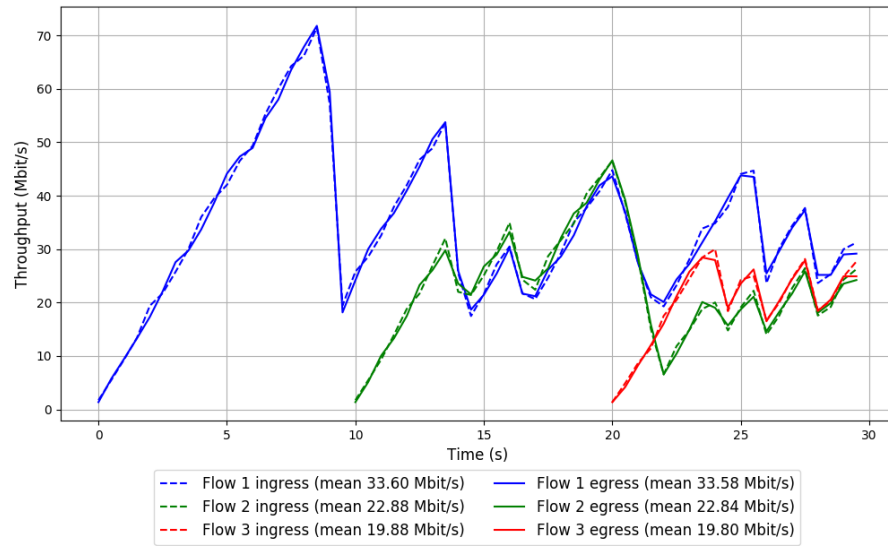


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-06 11:55:58
End at: 2018-03-06 11:56:28
Local clock offset: 0.762 ms
Remote clock offset: 0.068 ms

# Below is generated by plot.py at 2018-03-06 20:26:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 29.875 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 33.58 Mbit/s
95th percentile per-packet one-way delay: 29.493 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 22.84 Mbit/s
95th percentile per-packet one-way delay: 30.462 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 19.80 Mbit/s
95th percentile per-packet one-way delay: 30.261 ms
Loss rate: 0.95%
```


Run 1: Report of LEDBAT — Data Link

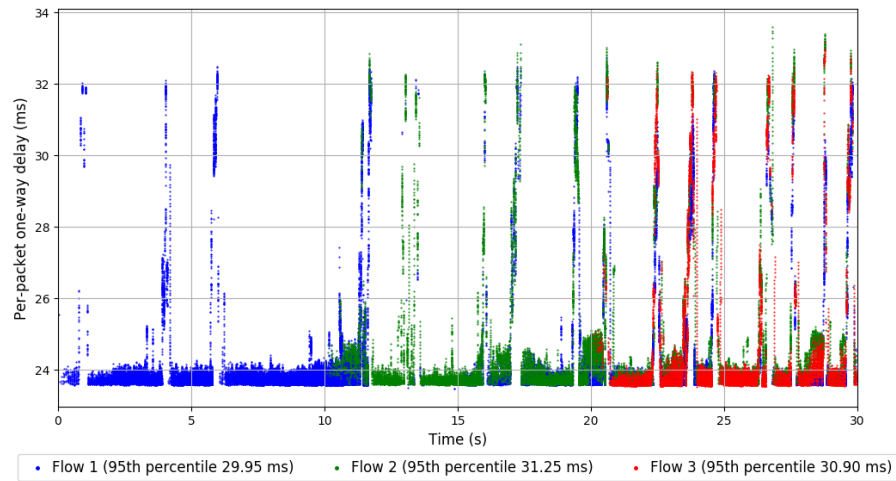
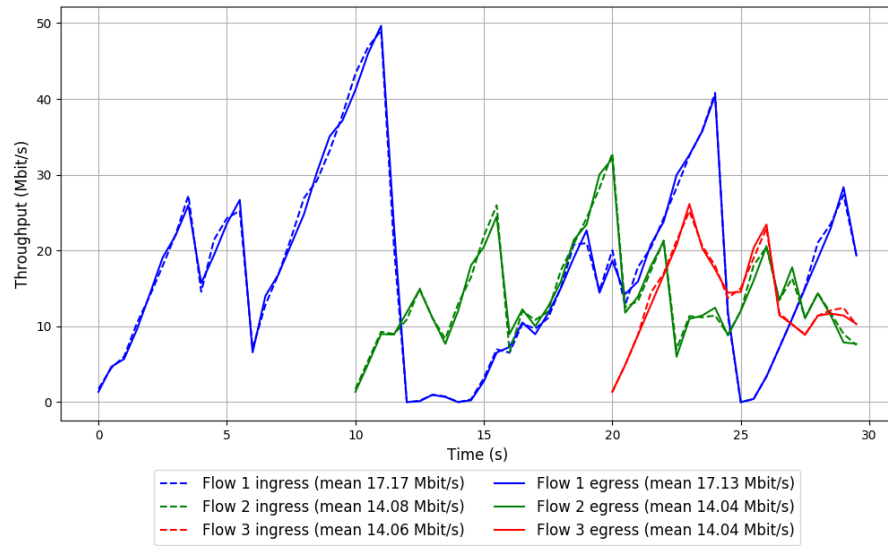


Run 2: Statistics of LEDBAT

Start at: 2018-03-06 12:20:37
End at: 2018-03-06 12:21:07
Local clock offset: 0.816 ms
Remote clock offset: -0.511 ms

Below is generated by plot.py at 2018-03-06 20:26:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 30.452 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 17.13 Mbit/s
95th percentile per-packet one-way delay: 29.948 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 14.04 Mbit/s
95th percentile per-packet one-way delay: 31.250 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 14.04 Mbit/s
95th percentile per-packet one-way delay: 30.904 ms
Loss rate: 0.68%

Run 2: Report of LEDBAT — Data Link

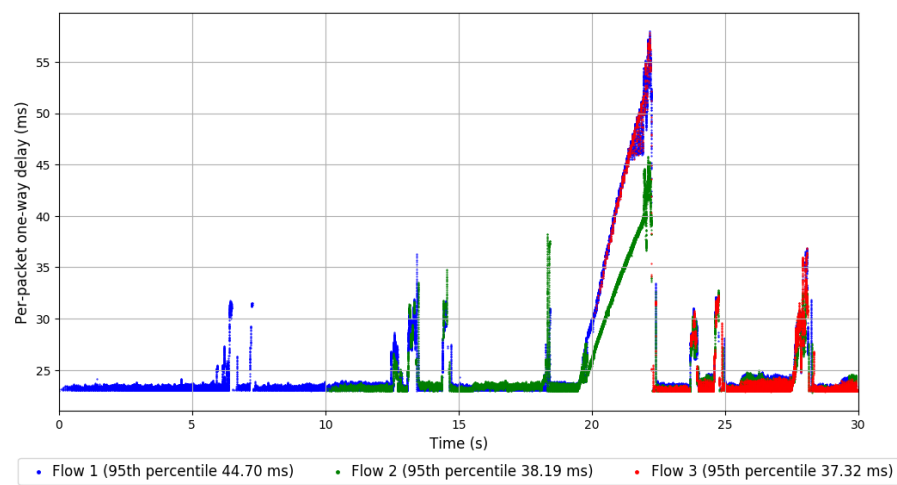
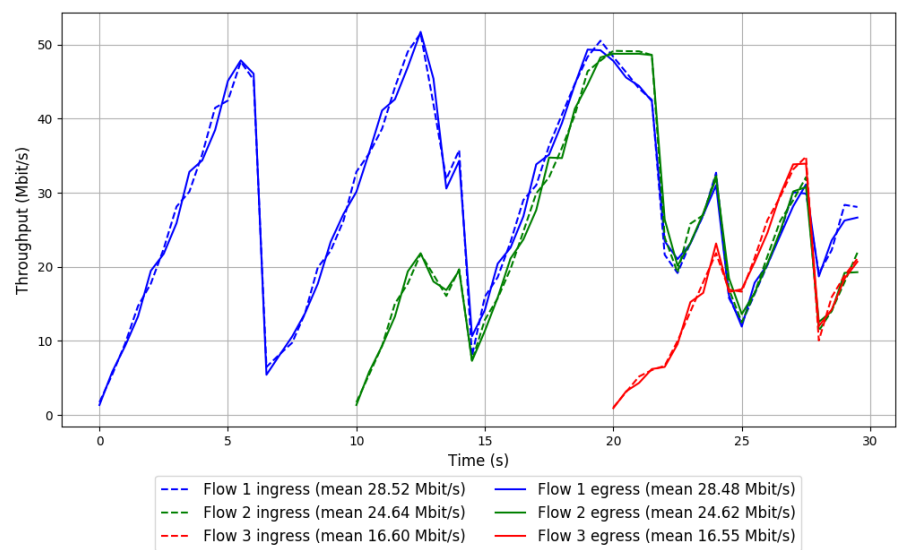


Run 3: Statistics of LEDBAT

Start at: 2018-03-06 12:45:12
End at: 2018-03-06 12:45:42
Local clock offset: 0.925 ms
Remote clock offset: -1.034 ms

Below is generated by plot.py at 2018-03-06 20:26:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 40.732 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 28.48 Mbit/s
95th percentile per-packet one-way delay: 44.704 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 38.190 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 16.55 Mbit/s
95th percentile per-packet one-way delay: 37.321 ms
Loss rate: 0.89%

Run 3: Report of LEDBAT — Data Link

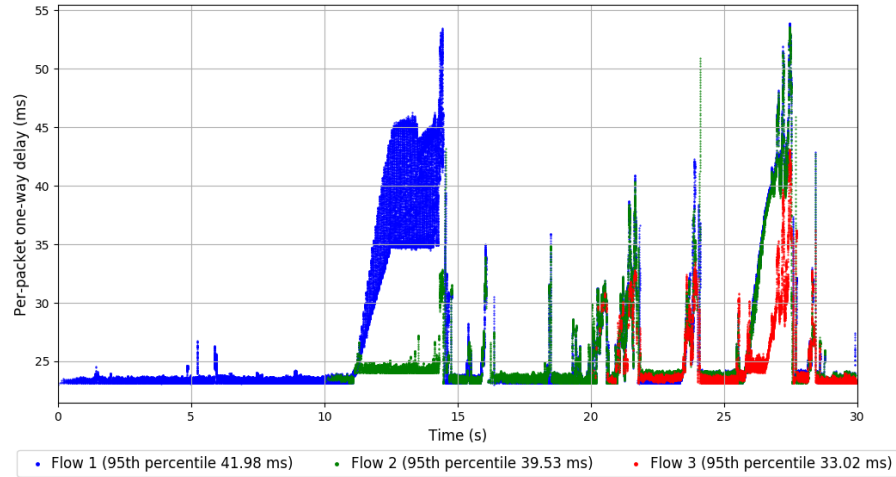
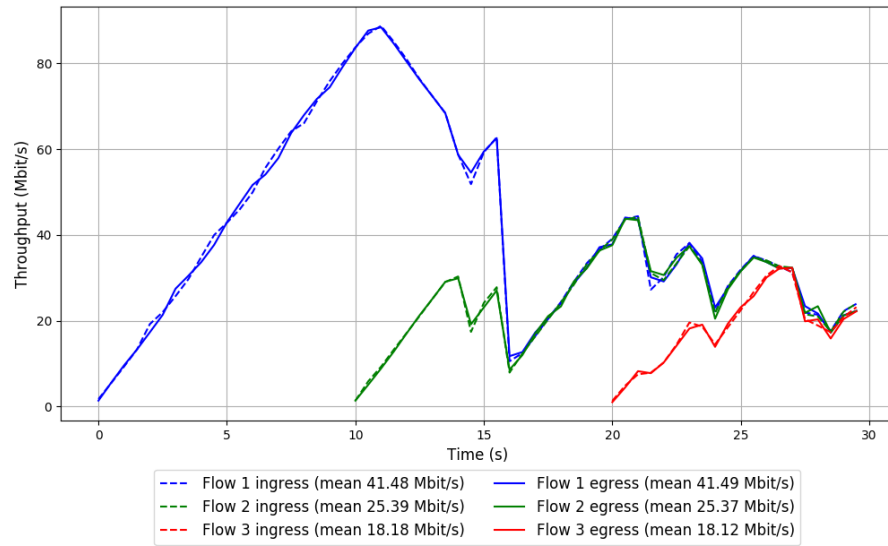


Run 4: Statistics of LEDBAT

Start at: 2018-03-06 13:09:46
End at: 2018-03-06 13:10:16
Local clock offset: 1.044 ms
Remote clock offset: -1.059 ms

Below is generated by plot.py at 2018-03-06 20:26:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.36 Mbit/s
95th percentile per-packet one-way delay: 40.908 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 41.49 Mbit/s
95th percentile per-packet one-way delay: 41.975 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 25.37 Mbit/s
95th percentile per-packet one-way delay: 39.533 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 18.12 Mbit/s
95th percentile per-packet one-way delay: 33.022 ms
Loss rate: 0.89%

Run 4: Report of LEDBAT — Data Link

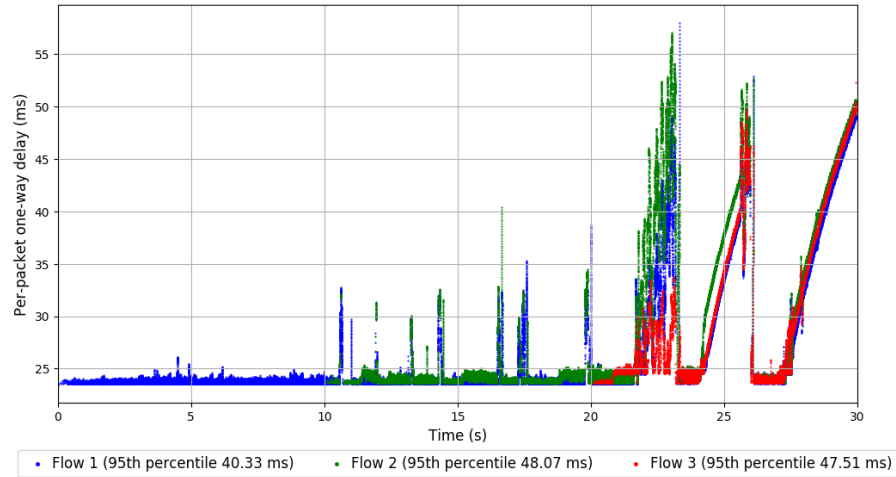
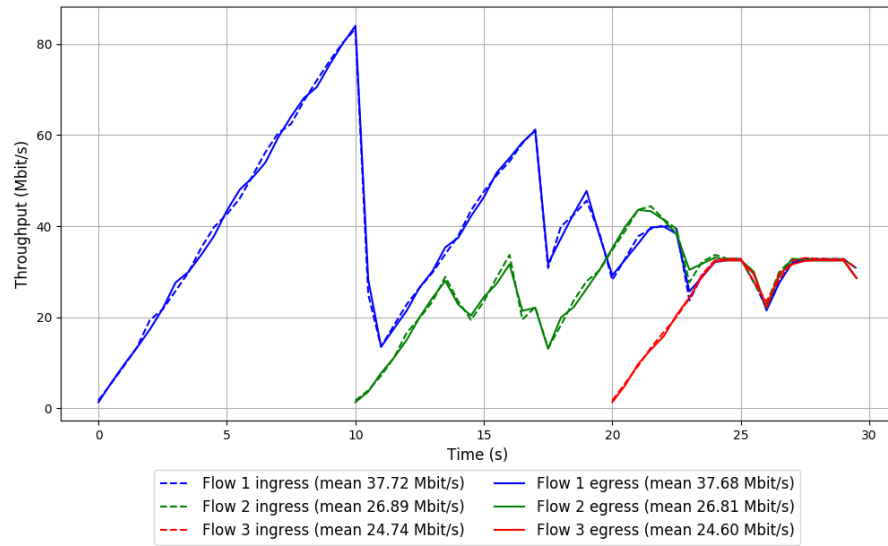


Run 5: Statistics of LEDBAT

Start at: 2018-03-06 13:34:19
End at: 2018-03-06 13:34:49
Local clock offset: 0.944 ms
Remote clock offset: -1.076 ms

Below is generated by plot.py at 2018-03-06 20:26:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.66 Mbit/s
95th percentile per-packet one-way delay: 45.311 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 40.328 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 26.81 Mbit/s
95th percentile per-packet one-way delay: 48.067 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 47.511 ms
Loss rate: 1.07%

Run 5: Report of LEDBAT — Data Link

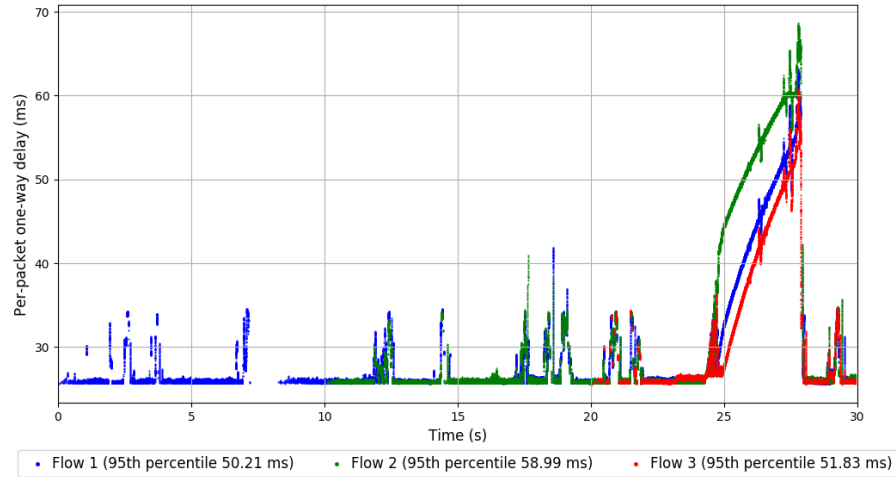
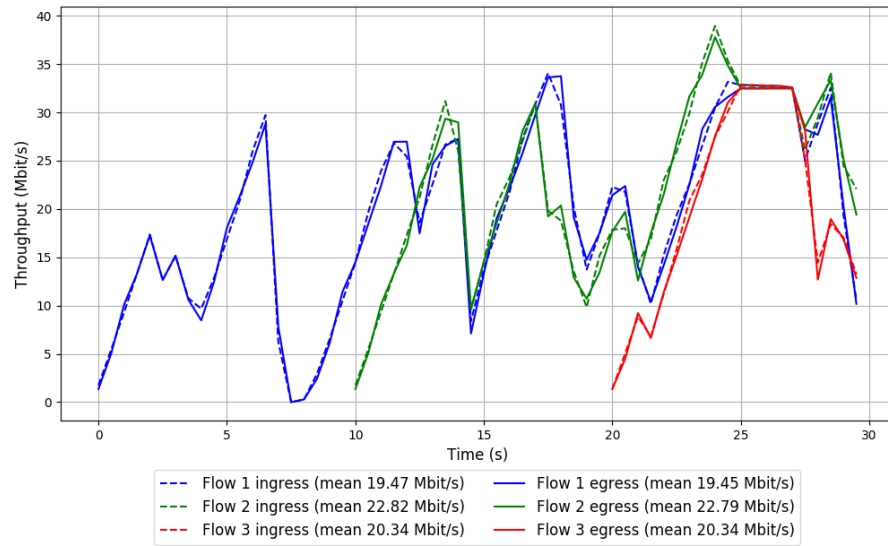


Run 6: Statistics of LEDBAT

Start at: 2018-03-06 13:59:10
End at: 2018-03-06 13:59:40
Local clock offset: 0.919 ms
Remote clock offset: -4.041 ms

Below is generated by plot.py at 2018-03-06 20:26:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.30 Mbit/s
95th percentile per-packet one-way delay: 54.694 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 19.45 Mbit/s
95th percentile per-packet one-way delay: 50.213 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: 58.989 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 20.34 Mbit/s
95th percentile per-packet one-way delay: 51.832 ms
Loss rate: 0.54%

Run 6: Report of LEDBAT — Data Link

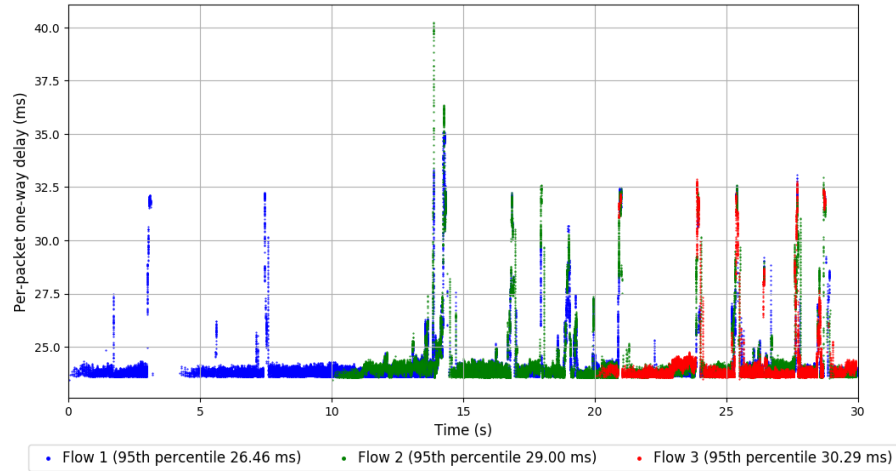
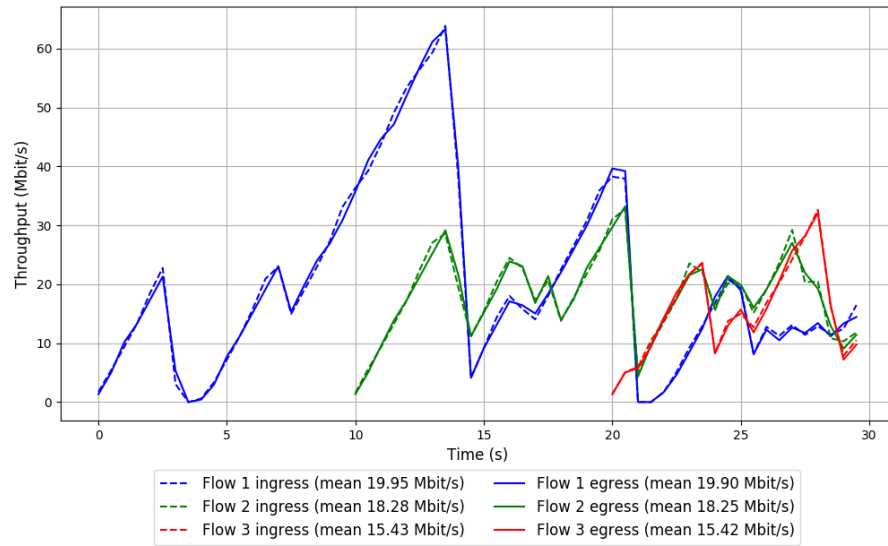


Run 7: Statistics of LEDBAT

Start at: 2018-03-06 14:23:59
End at: 2018-03-06 14:24:29
Local clock offset: 0.942 ms
Remote clock offset: -1.139 ms

Below is generated by plot.py at 2018-03-06 20:26:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.11 Mbit/s
95th percentile per-packet one-way delay: 28.173 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 19.90 Mbit/s
95th percentile per-packet one-way delay: 26.458 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 18.25 Mbit/s
95th percentile per-packet one-way delay: 29.000 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 15.42 Mbit/s
95th percentile per-packet one-way delay: 30.291 ms
Loss rate: 0.64%

Run 7: Report of LEDBAT — Data Link

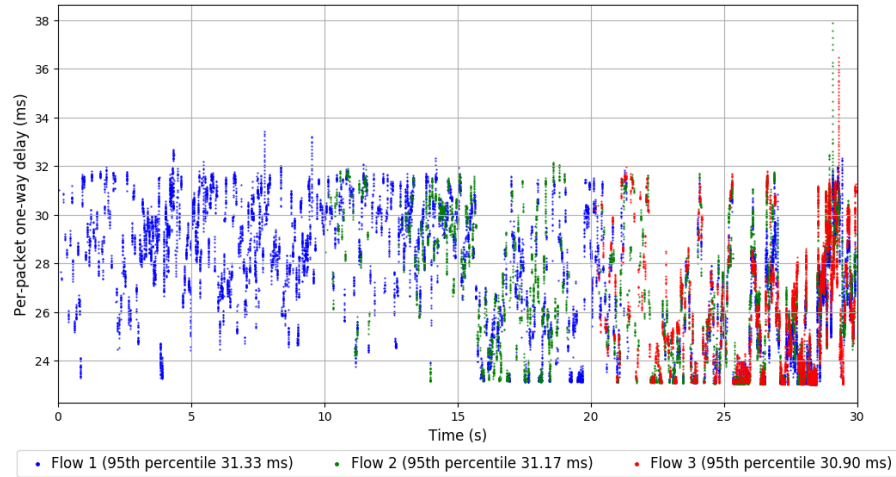
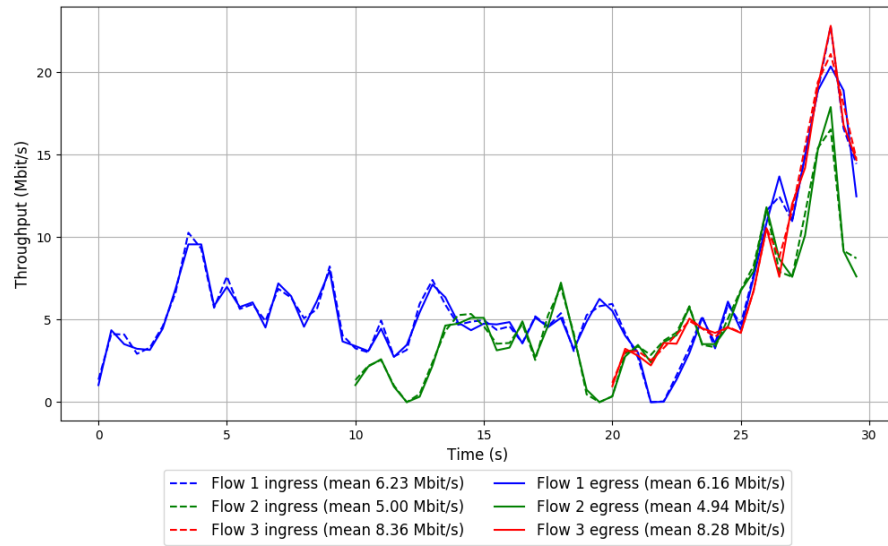


Run 8: Statistics of LEDBAT

Start at: 2018-03-06 14:50:09
End at: 2018-03-06 14:50:39
Local clock offset: 0.911 ms
Remote clock offset: -1.015 ms

Below is generated by plot.py at 2018-03-06 20:26:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.17 Mbit/s
95th percentile per-packet one-way delay: 31.235 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 6.16 Mbit/s
95th percentile per-packet one-way delay: 31.326 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 4.94 Mbit/s
95th percentile per-packet one-way delay: 31.172 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 30.898 ms
Loss rate: 1.51%

Run 8: Report of LEDBAT — Data Link

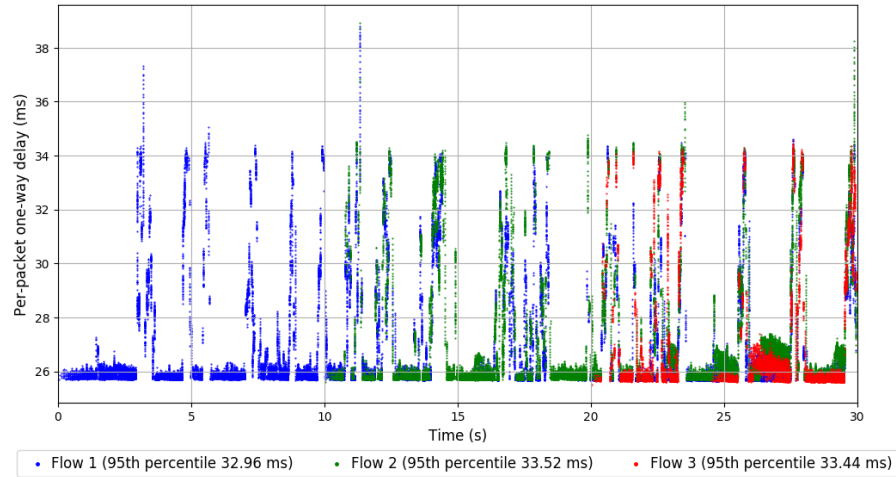
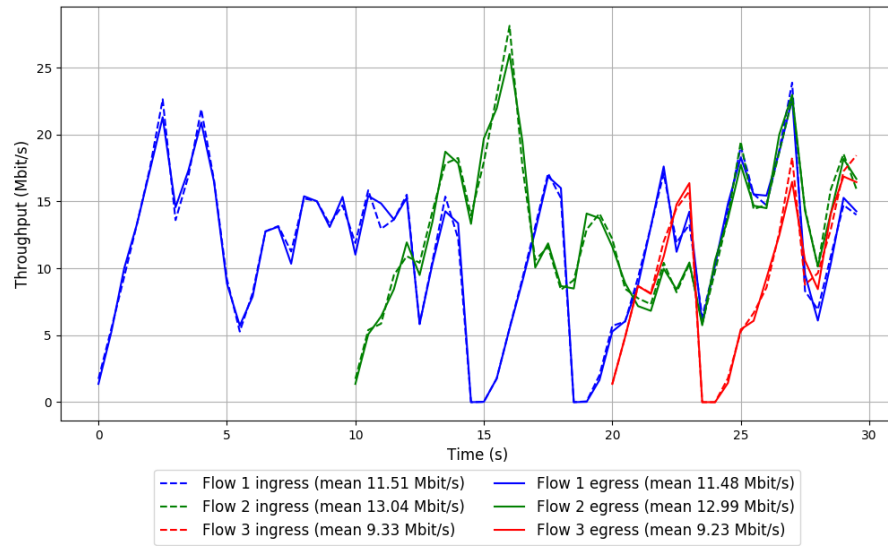


Run 9: Statistics of LEDBAT

Start at: 2018-03-06 15:16:01
End at: 2018-03-06 15:16:31
Local clock offset: 0.94 ms
Remote clock offset: -10.787 ms

Below is generated by plot.py at 2018-03-06 20:26:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 33.317 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 32.964 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 33.515 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 9.23 Mbit/s
95th percentile per-packet one-way delay: 33.438 ms
Loss rate: 1.59%

Run 9: Report of LEDBAT — Data Link

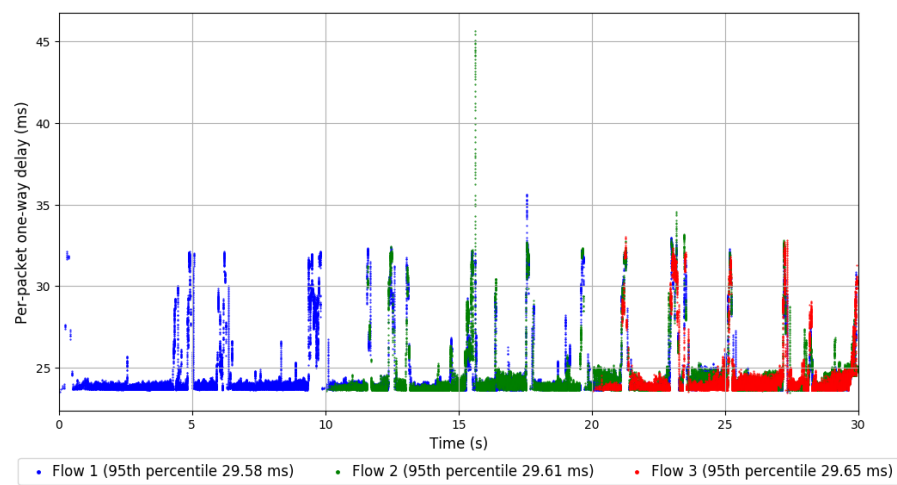
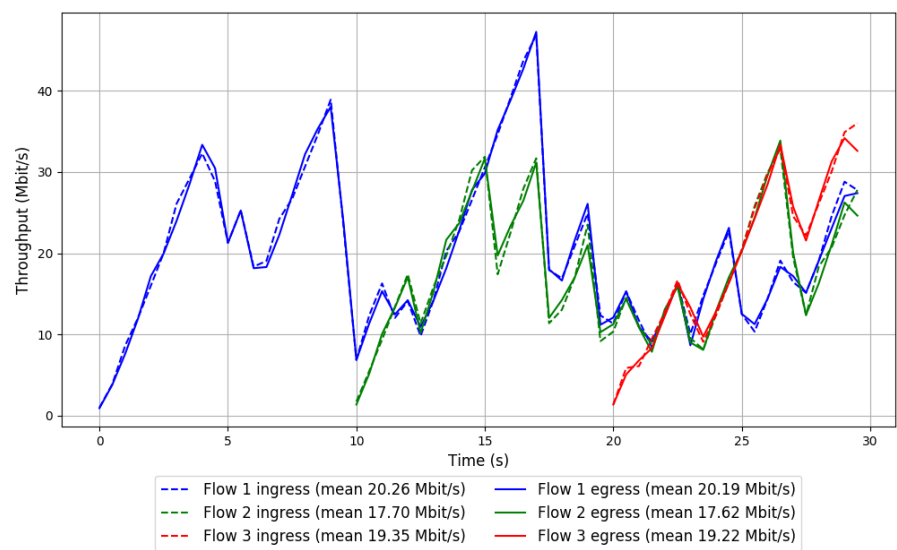


Run 10: Statistics of LEDBAT

Start at: 2018-03-06 15:41:21
End at: 2018-03-06 15:41:51
Local clock offset: 0.778 ms
Remote clock offset: -11.482 ms

Below is generated by plot.py at 2018-03-06 20:26:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.26 Mbit/s
95th percentile per-packet one-way delay: 29.598 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 20.19 Mbit/s
95th percentile per-packet one-way delay: 29.580 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 17.62 Mbit/s
95th percentile per-packet one-way delay: 29.607 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 19.22 Mbit/s
95th percentile per-packet one-way delay: 29.648 ms
Loss rate: 1.18%

Run 10: Report of LEDBAT — Data Link

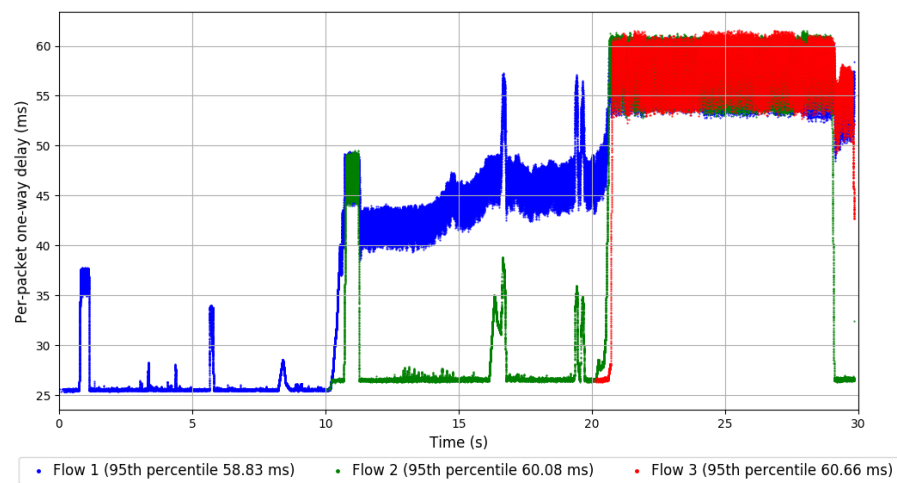
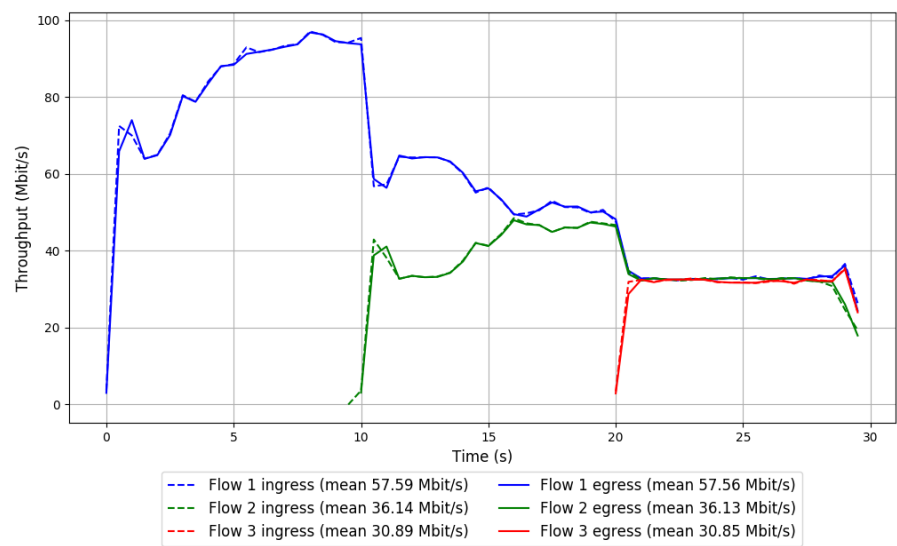


Run 1: Statistics of PCC

Start at: 2018-03-06 12:06:44
End at: 2018-03-06 12:07:14
Local clock offset: 0.78 ms
Remote clock offset: -2.854 ms

Below is generated by plot.py at 2018-03-06 20:27:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 59.837 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 57.56 Mbit/s
95th percentile per-packet one-way delay: 58.829 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 36.13 Mbit/s
95th percentile per-packet one-way delay: 60.075 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 60.663 ms
Loss rate: 0.67%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-03-06 12:31:25

End at: 2018-03-06 12:31:55

Local clock offset: 0.885 ms

Remote clock offset: 0.325 ms

Below is generated by plot.py at 2018-03-06 20:27:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.25 Mbit/s

95th percentile per-packet one-way delay: 58.953 ms

Loss rate: 0.58%

-- Flow 1:

Average throughput: 41.56 Mbit/s

95th percentile per-packet one-way delay: 57.826 ms

Loss rate: 0.50%

-- Flow 2:

Average throughput: 35.86 Mbit/s

95th percentile per-packet one-way delay: 59.297 ms

Loss rate: 0.68%

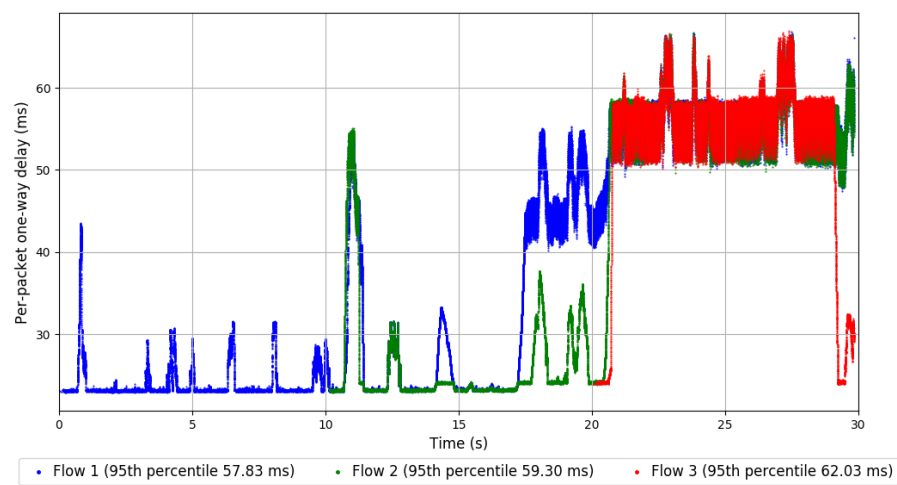
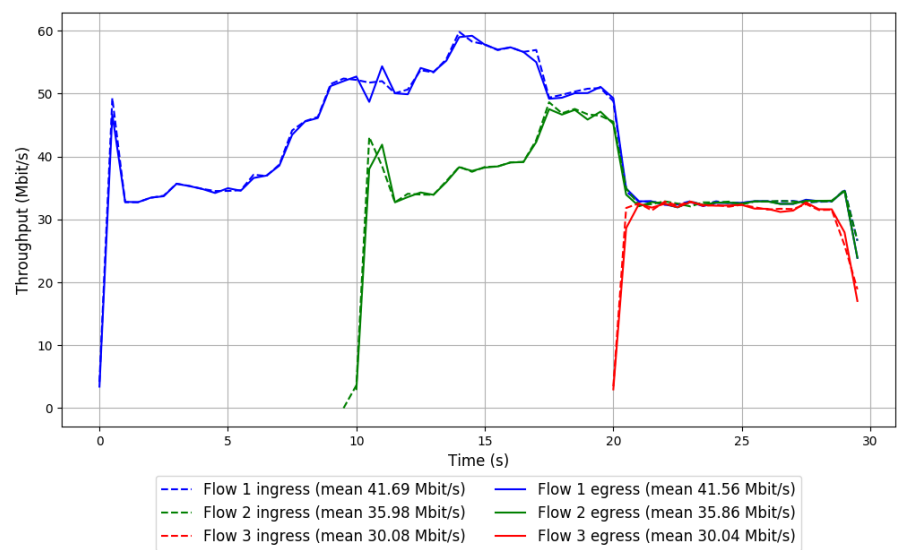
-- Flow 3:

Average throughput: 30.04 Mbit/s

95th percentile per-packet one-way delay: 62.031 ms

Loss rate: 0.68%

Run 2: Report of PCC — Data Link

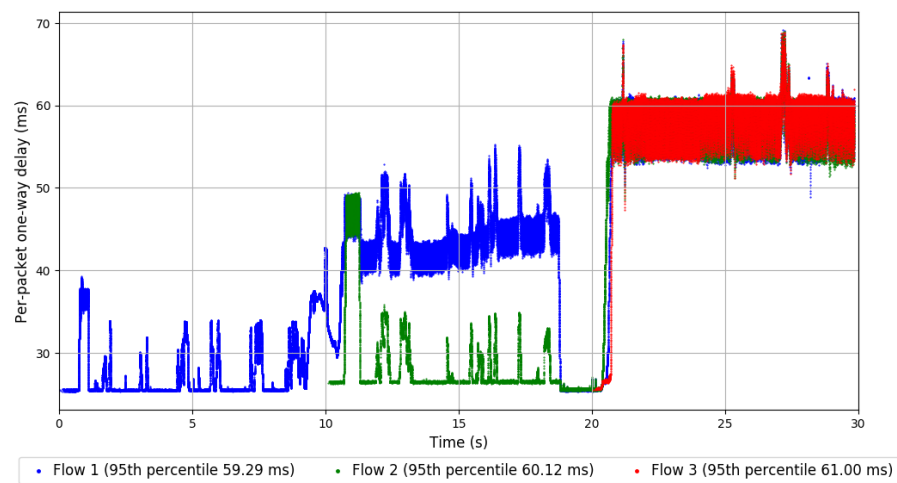
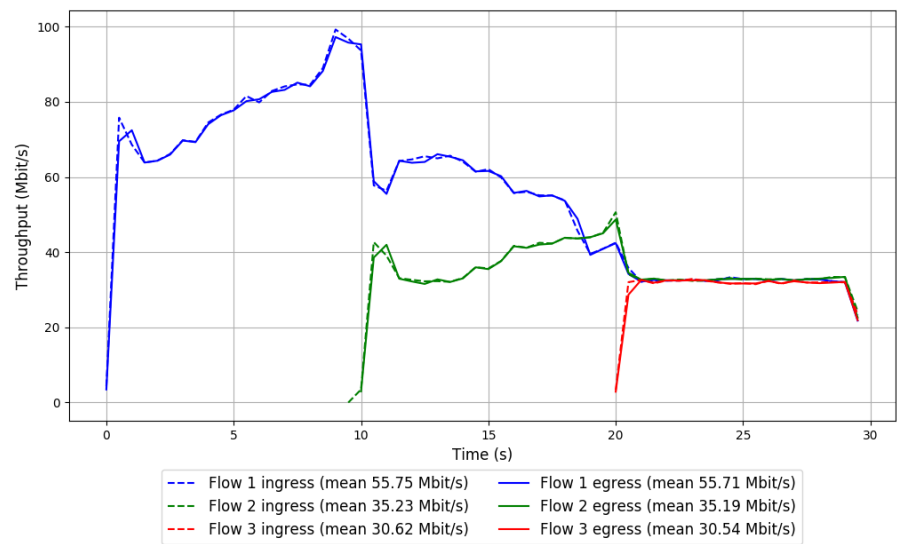


Run 3: Statistics of PCC

Start at: 2018-03-06 12:55:59
End at: 2018-03-06 12:56:29
Local clock offset: 1.005 ms
Remote clock offset: -3.826 ms

Below is generated by plot.py at 2018-03-06 20:27:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.13 Mbit/s
95th percentile per-packet one-way delay: 60.071 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 55.71 Mbit/s
95th percentile per-packet one-way delay: 59.292 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 60.115 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 30.54 Mbit/s
95th percentile per-packet one-way delay: 61.004 ms
Loss rate: 0.89%

Run 3: Report of PCC — Data Link

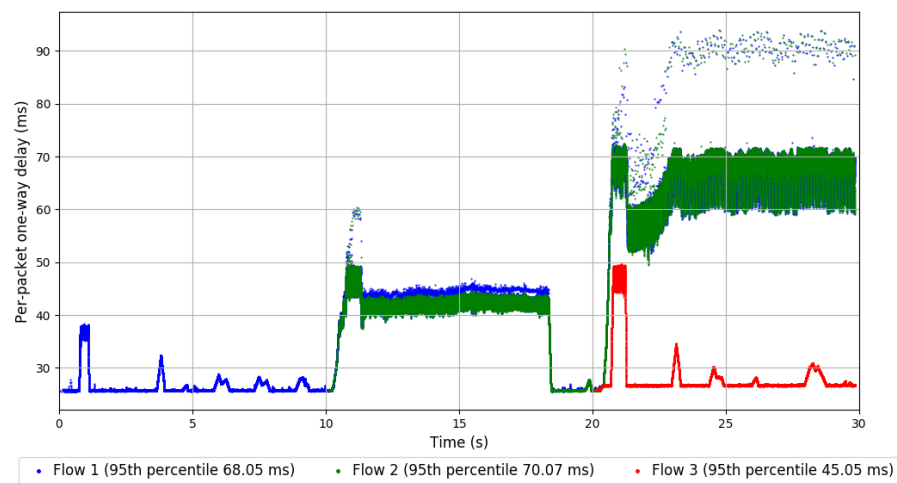
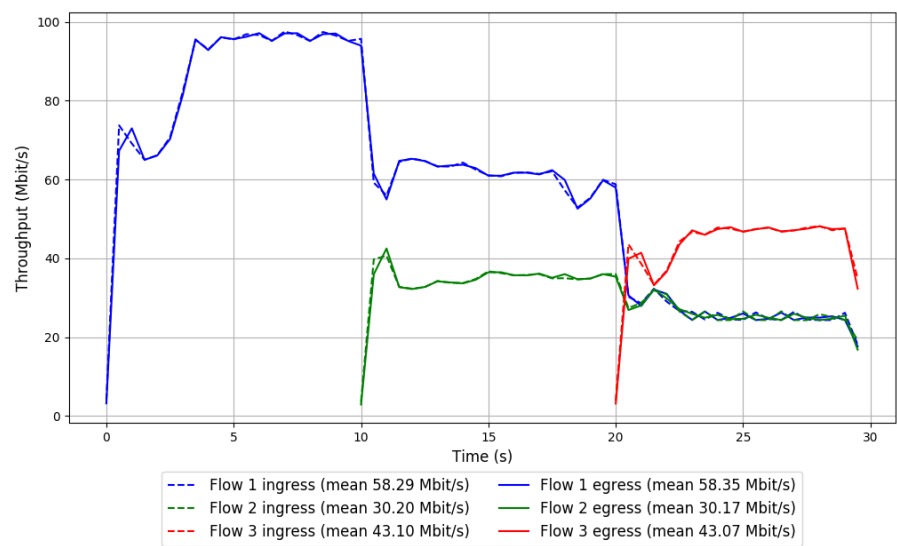


Run 4: Statistics of PCC

Start at: 2018-03-06 13:20:34
End at: 2018-03-06 13:21:04
Local clock offset: 0.988 ms
Remote clock offset: -3.361 ms

Below is generated by plot.py at 2018-03-06 20:27:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 68.694 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 68.046 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 30.17 Mbit/s
95th percentile per-packet one-way delay: 70.072 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 45.053 ms
Loss rate: 0.59%

Run 4: Report of PCC — Data Link

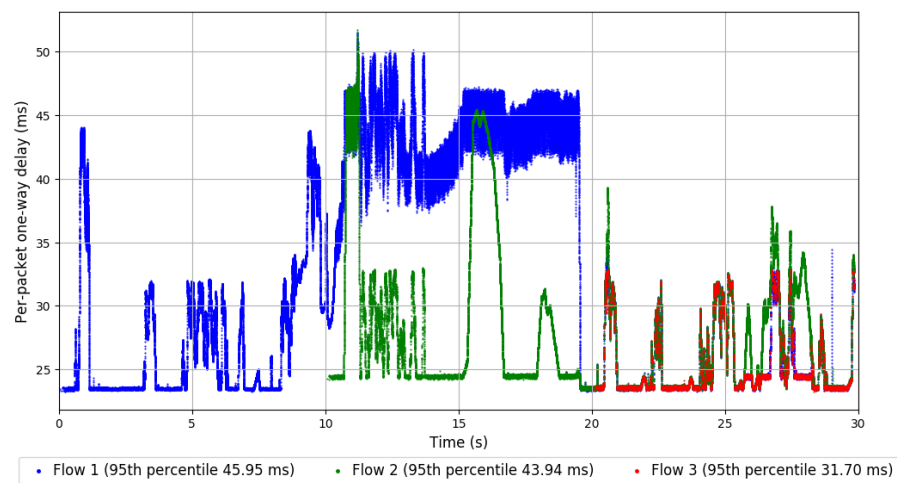
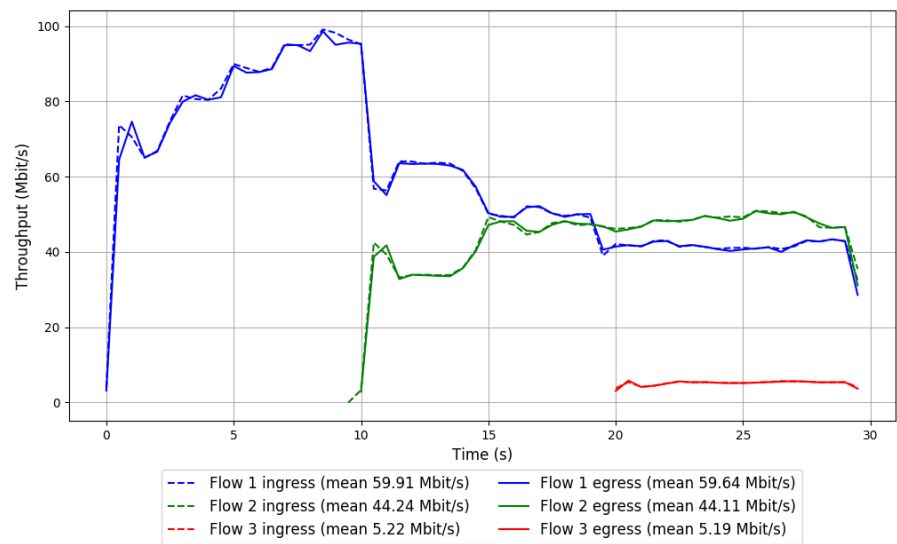


Run 5: Statistics of PCC

Start at: 2018-03-06 13:45:07
End at: 2018-03-06 13:45:37
Local clock offset: 0.824 ms
Remote clock offset: -1.494 ms

Below is generated by plot.py at 2018-03-06 20:27:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.66 Mbit/s
95th percentile per-packet one-way delay: 45.443 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 59.64 Mbit/s
95th percentile per-packet one-way delay: 45.953 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: 43.935 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 31.704 ms
Loss rate: 0.94%

Run 5: Report of PCC — Data Link

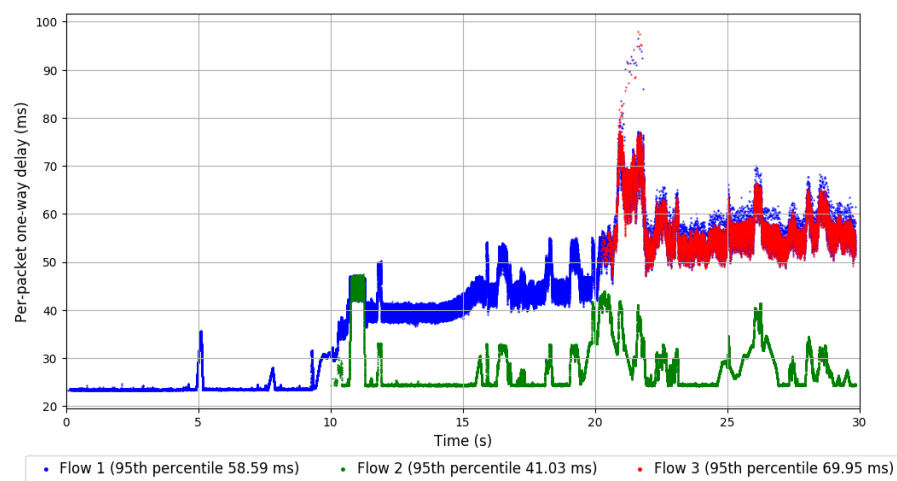
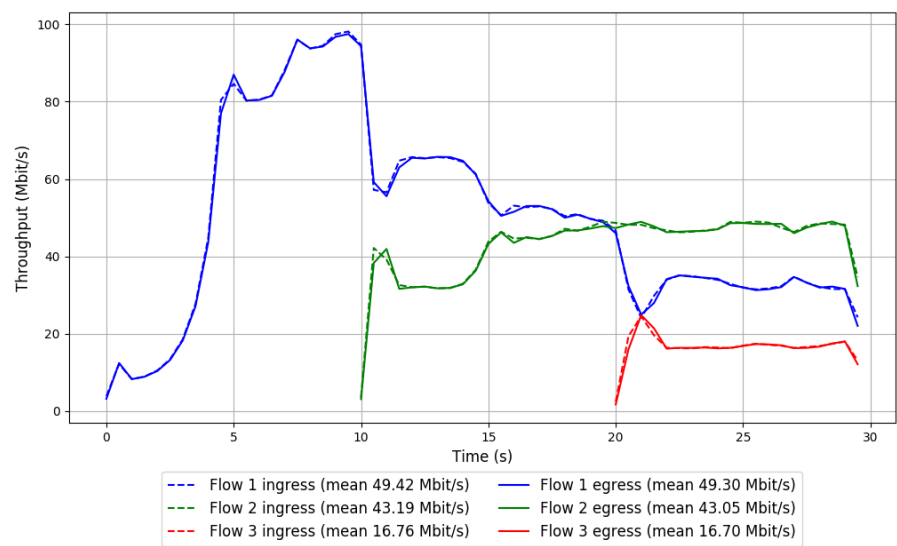


Run 6: Statistics of PCC

Start at: 2018-03-06 14:09:58
End at: 2018-03-06 14:10:28
Local clock offset: 0.932 ms
Remote clock offset: -1.996 ms

Below is generated by plot.py at 2018-03-06 20:27:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 58.357 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 49.30 Mbit/s
95th percentile per-packet one-way delay: 58.589 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 43.05 Mbit/s
95th percentile per-packet one-way delay: 41.032 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 69.949 ms
Loss rate: 1.07%

Run 6: Report of PCC — Data Link

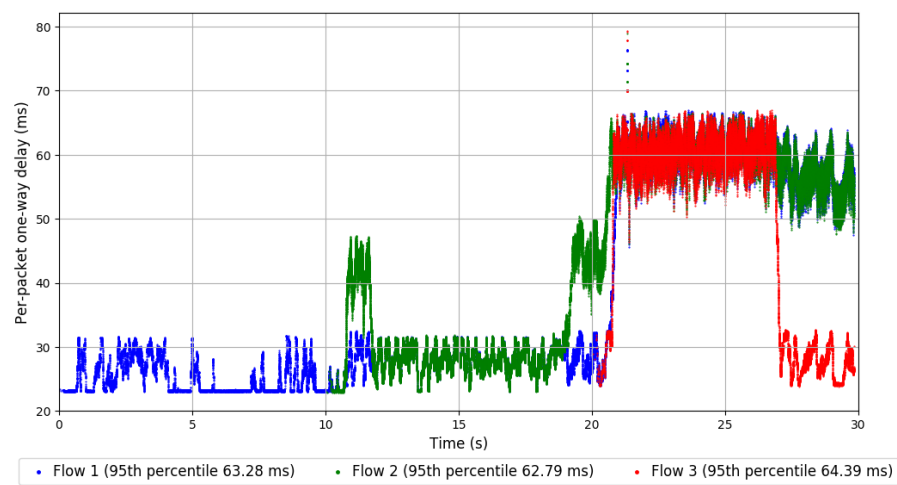
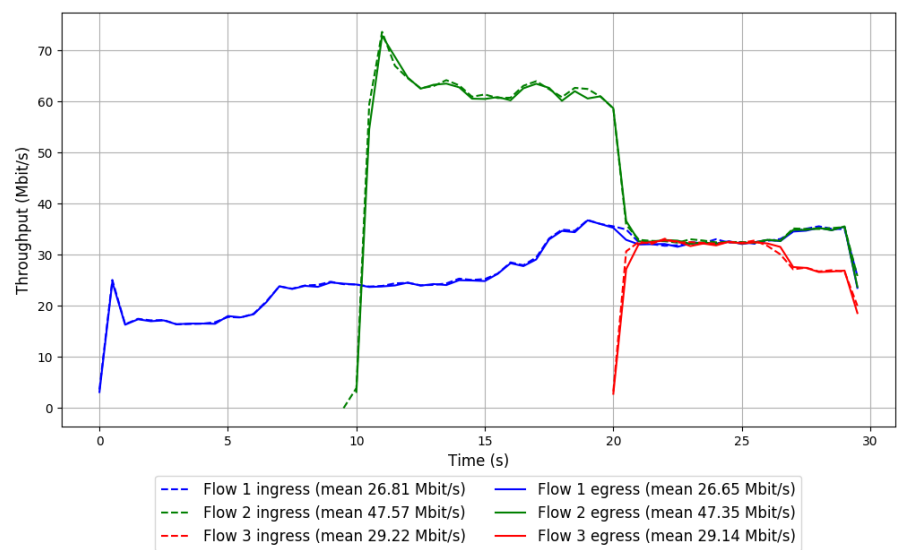


Run 7: Statistics of PCC

Start at: 2018-03-06 14:34:55
End at: 2018-03-06 14:35:25
Local clock offset: 0.894 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2018-03-06 20:27:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.70 Mbit/s
95th percentile per-packet one-way delay: 63.382 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 63.283 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 47.35 Mbit/s
95th percentile per-packet one-way delay: 62.794 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 29.14 Mbit/s
95th percentile per-packet one-way delay: 64.390 ms
Loss rate: 0.85%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-03-06 15:01:32

End at: 2018-03-06 15:02:02

Local clock offset: 0.945 ms

Remote clock offset: -5.6 ms

Below is generated by plot.py at 2018-03-06 20:27:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 64.83 Mbit/s

95th percentile per-packet one-way delay: 48.426 ms

Loss rate: 0.99%

-- Flow 1:

Average throughput: 20.74 Mbit/s

95th percentile per-packet one-way delay: 31.719 ms

Loss rate: 0.86%

-- Flow 2:

Average throughput: 58.68 Mbit/s

95th percentile per-packet one-way delay: 49.386 ms

Loss rate: 1.02%

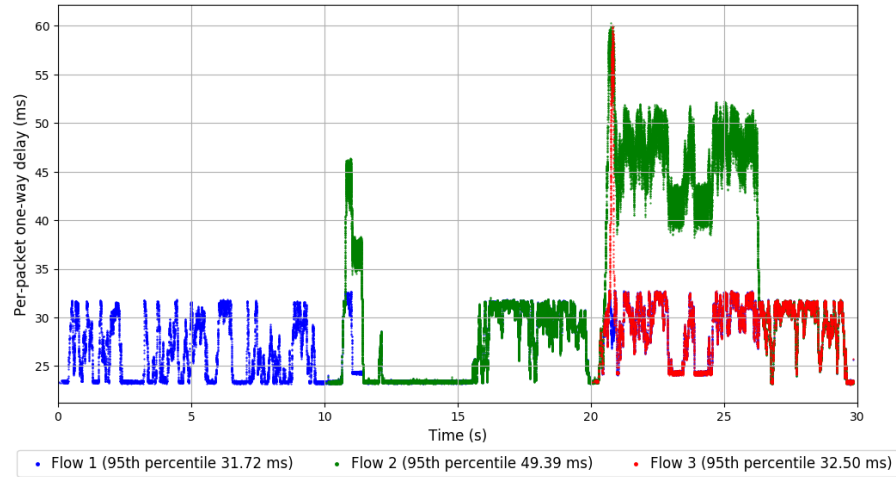
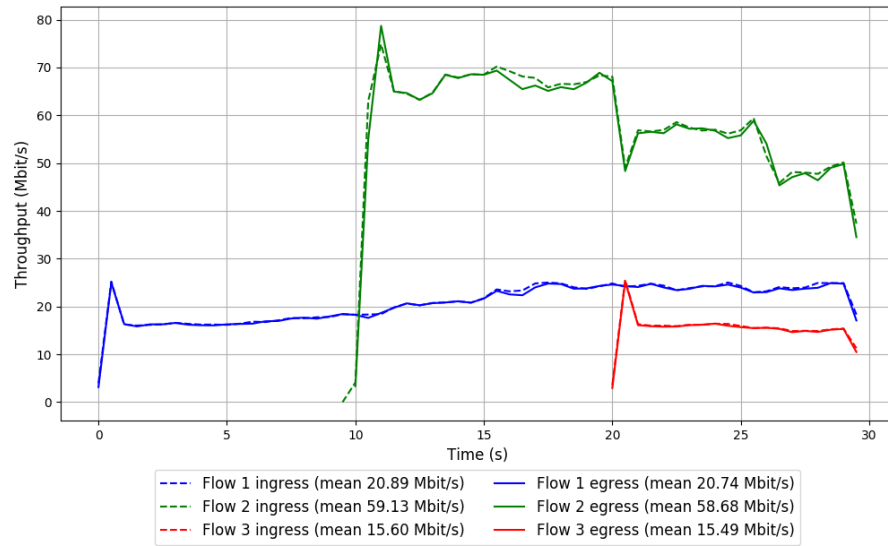
-- Flow 3:

Average throughput: 15.49 Mbit/s

95th percentile per-packet one-way delay: 32.503 ms

Loss rate: 1.25%

Run 8: Report of PCC — Data Link

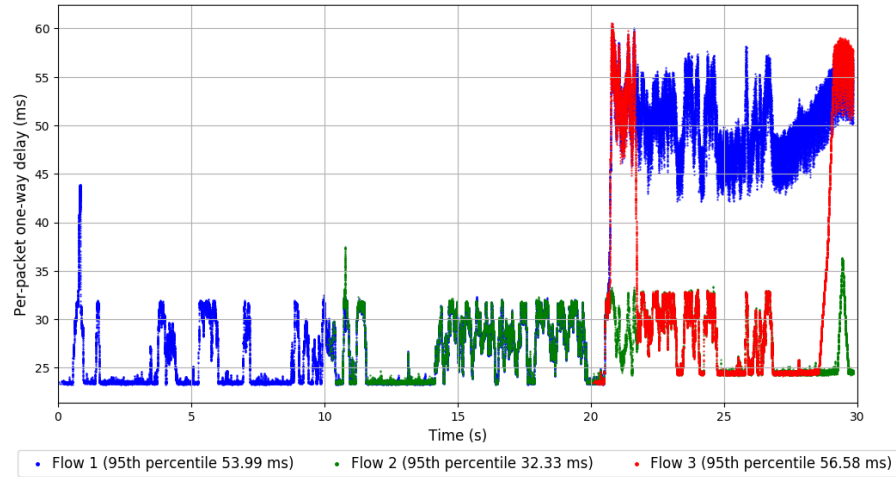
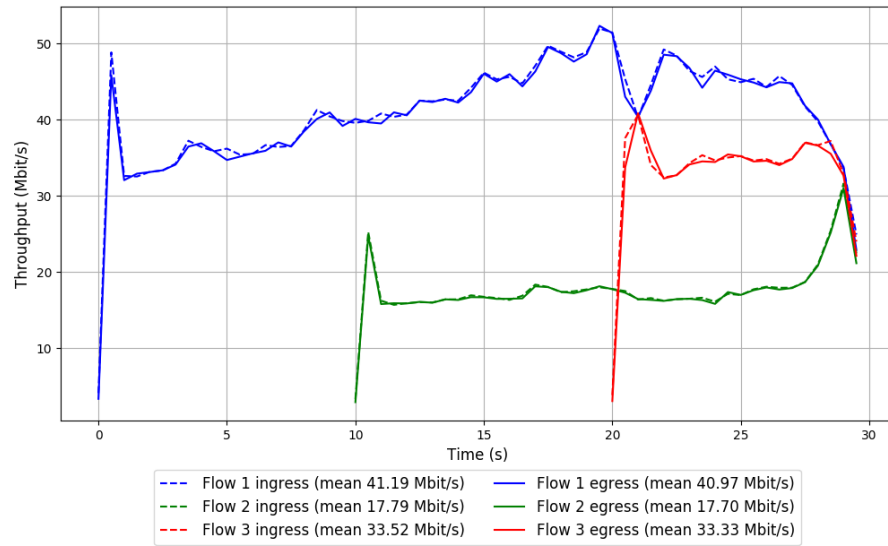


Run 9: Statistics of PCC

Start at: 2018-03-06 15:27:05
End at: 2018-03-06 15:27:35
Local clock offset: 0.824 ms
Remote clock offset: -10.138 ms

Below is generated by plot.py at 2018-03-06 20:28:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.69 Mbit/s
95th percentile per-packet one-way delay: 54.028 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 40.97 Mbit/s
95th percentile per-packet one-way delay: 53.995 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 32.328 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 33.33 Mbit/s
95th percentile per-packet one-way delay: 56.580 ms
Loss rate: 1.19%

Run 9: Report of PCC — Data Link

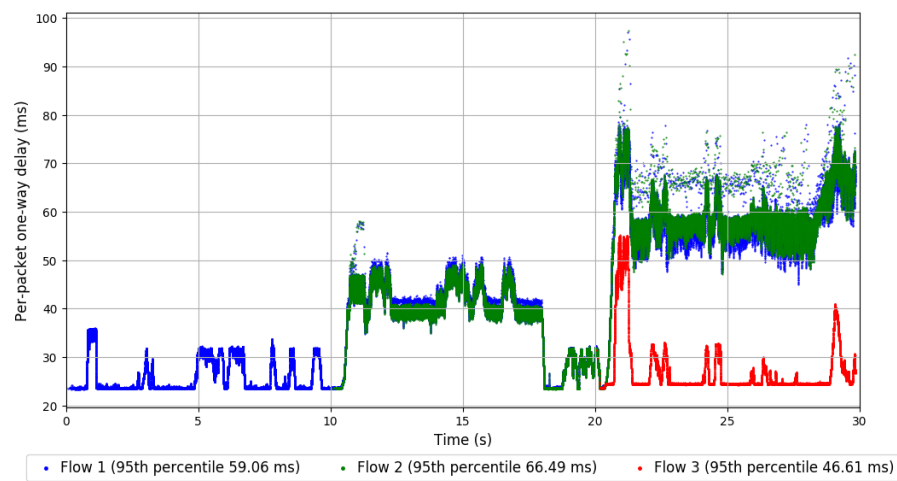
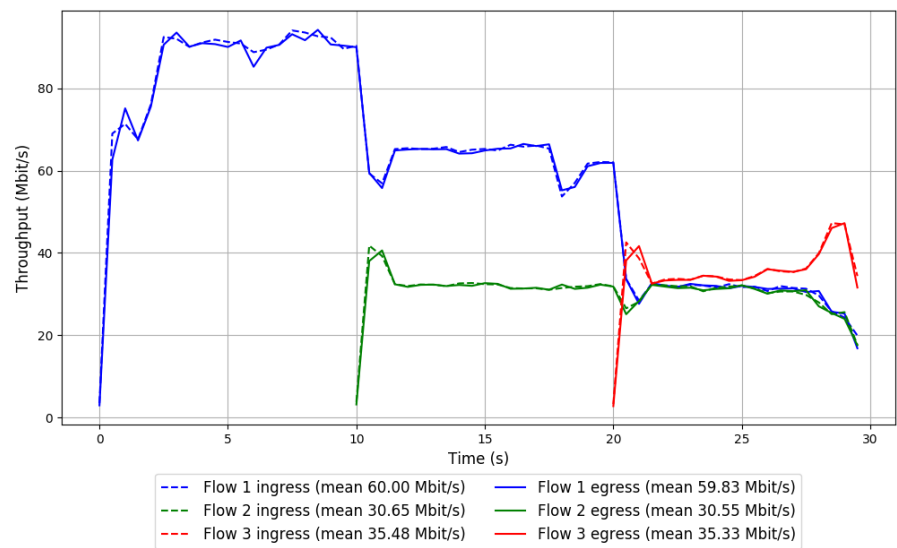


Run 10: Statistics of PCC

Start at: 2018-03-06 15:52:15
End at: 2018-03-06 15:52:45
Local clock offset: 0.733 ms
Remote clock offset: -12.125 ms

Below is generated by plot.py at 2018-03-06 20:29:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 60.767 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 59.059 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 66.494 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 46.614 ms
Loss rate: 1.01%

Run 10: Report of PCC — Data Link

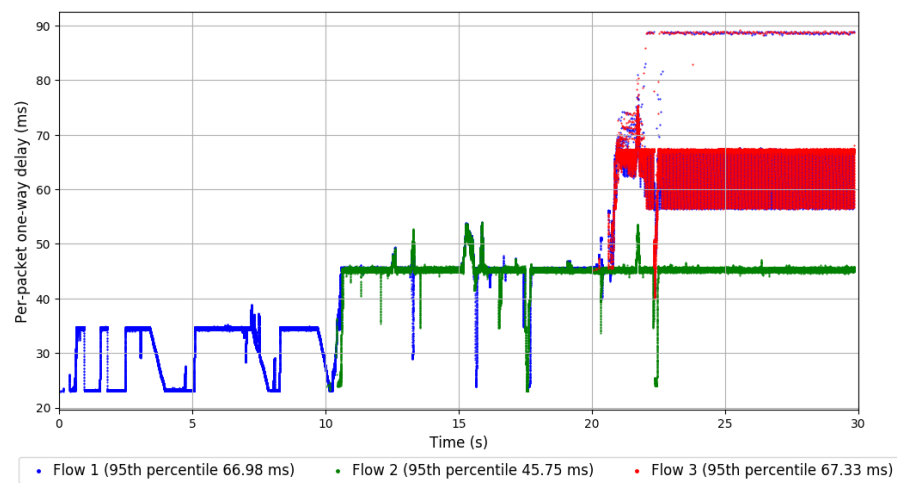
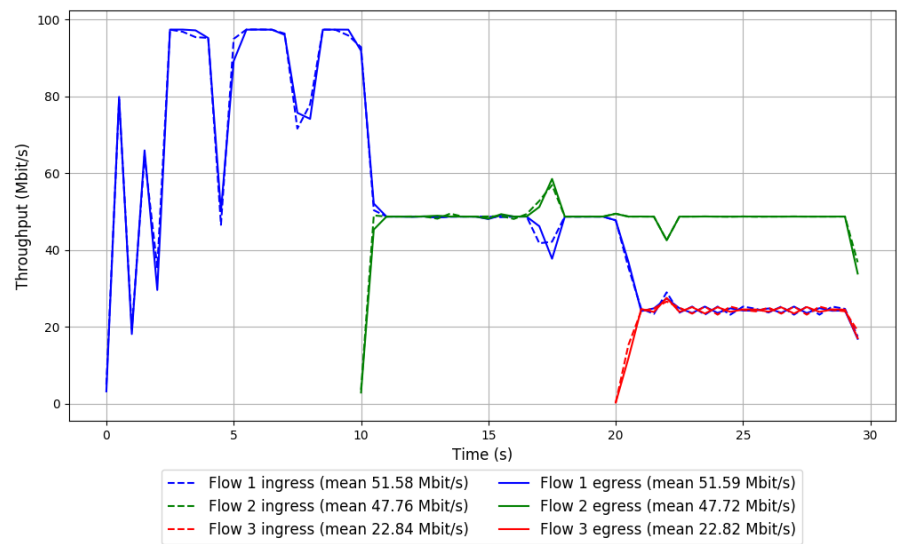


Run 1: Statistics of QUIC Cubic

Start at: 2018-03-06 11:50:28
End at: 2018-03-06 11:50:58
Local clock offset: 0.727 ms
Remote clock offset: -0.282 ms

Below is generated by plot.py at 2018-03-06 20:29:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 67.043 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 51.59 Mbit/s
95th percentile per-packet one-way delay: 66.980 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 45.748 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 67.334 ms
Loss rate: 1.07%

Run 1: Report of QUIC Cubic — Data Link

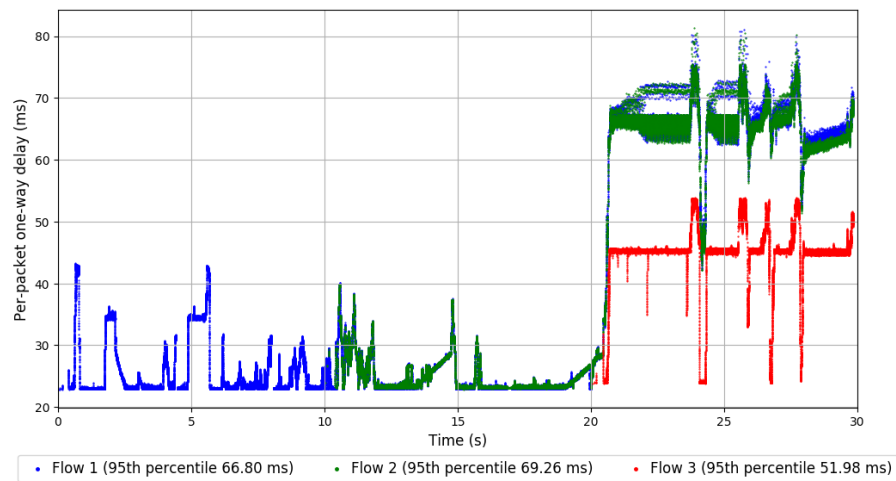
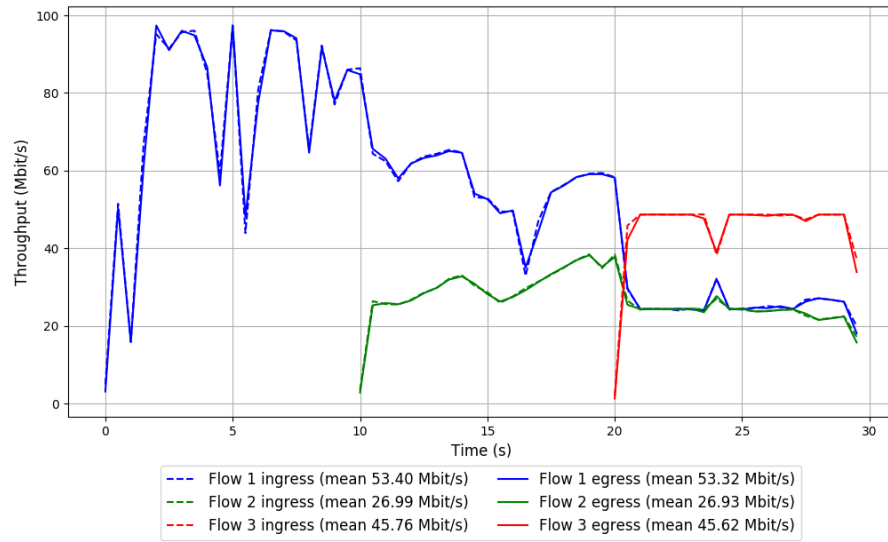


Run 2: Statistics of QUIC Cubic

Start at: 2018-03-06 12:15:04
End at: 2018-03-06 12:15:34
Local clock offset: 0.76 ms
Remote clock offset: -0.164 ms

Below is generated by plot.py at 2018-03-06 20:29:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 66.948 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 53.32 Mbit/s
95th percentile per-packet one-way delay: 66.800 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 26.93 Mbit/s
95th percentile per-packet one-way delay: 69.259 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 45.62 Mbit/s
95th percentile per-packet one-way delay: 51.981 ms
Loss rate: 0.97%

Run 2: Report of QUIC Cubic — Data Link

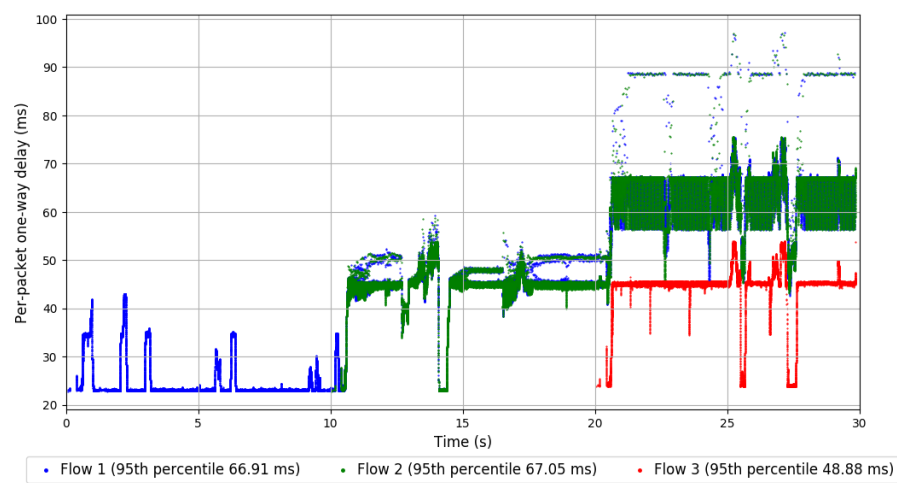
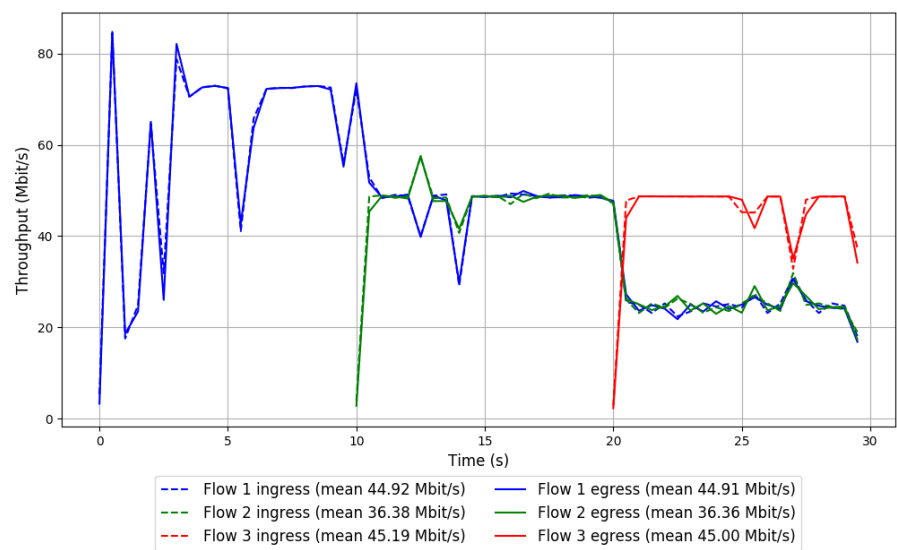


Run 3: Statistics of QUIC Cubic

Start at: 2018-03-06 12:39:42
End at: 2018-03-06 12:40:12
Local clock offset: 0.905 ms
Remote clock offset: -0.715 ms

Below is generated by plot.py at 2018-03-06 20:29:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.82 Mbit/s
95th percentile per-packet one-way delay: 66.915 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 44.91 Mbit/s
95th percentile per-packet one-way delay: 66.914 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 36.36 Mbit/s
95th percentile per-packet one-way delay: 67.048 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 45.00 Mbit/s
95th percentile per-packet one-way delay: 48.882 ms
Loss rate: 1.03%

Run 3: Report of QUIC Cubic — Data Link

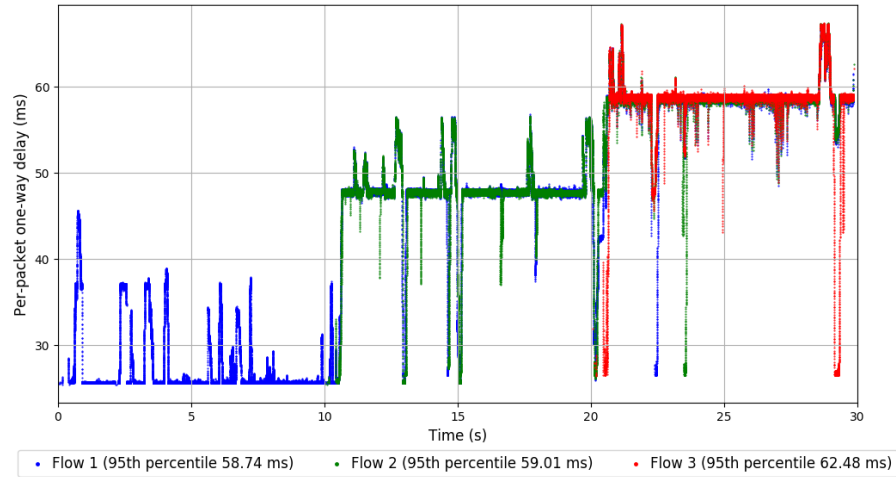
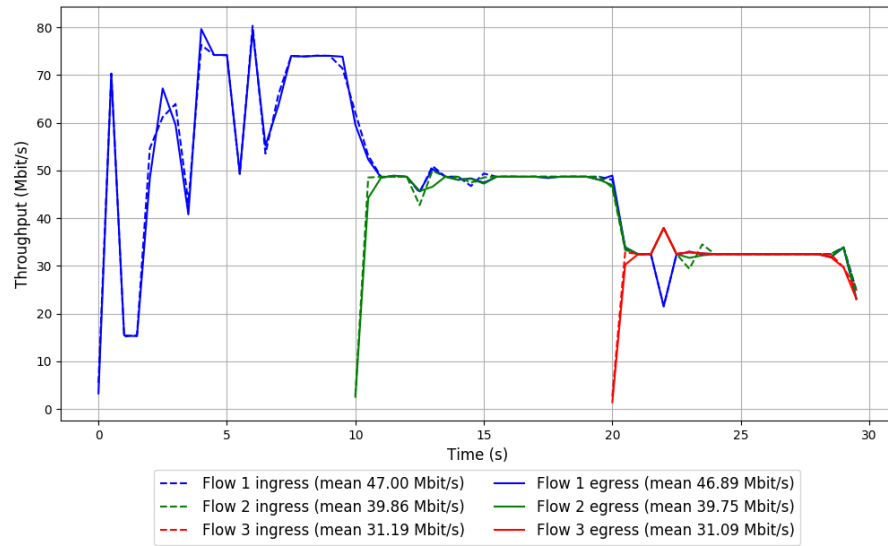


Run 4: Statistics of QUIC Cubic

Start at: 2018-03-06 13:04:14
End at: 2018-03-06 13:04:44
Local clock offset: 1.097 ms
Remote clock offset: -3.774 ms

Below is generated by plot.py at 2018-03-06 20:29:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.50 Mbit/s
95th percentile per-packet one-way delay: 59.028 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 46.89 Mbit/s
95th percentile per-packet one-way delay: 58.742 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 59.013 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 62.476 ms
Loss rate: 1.02%

Run 4: Report of QUIC Cubic — Data Link

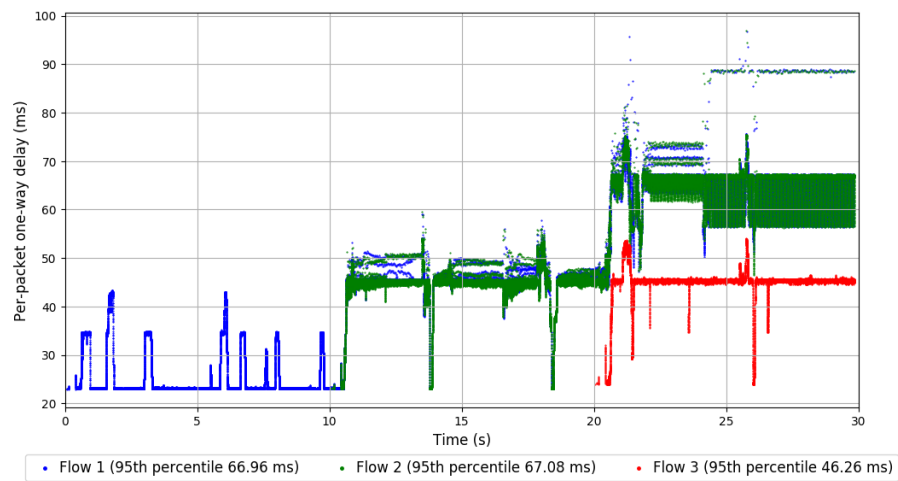
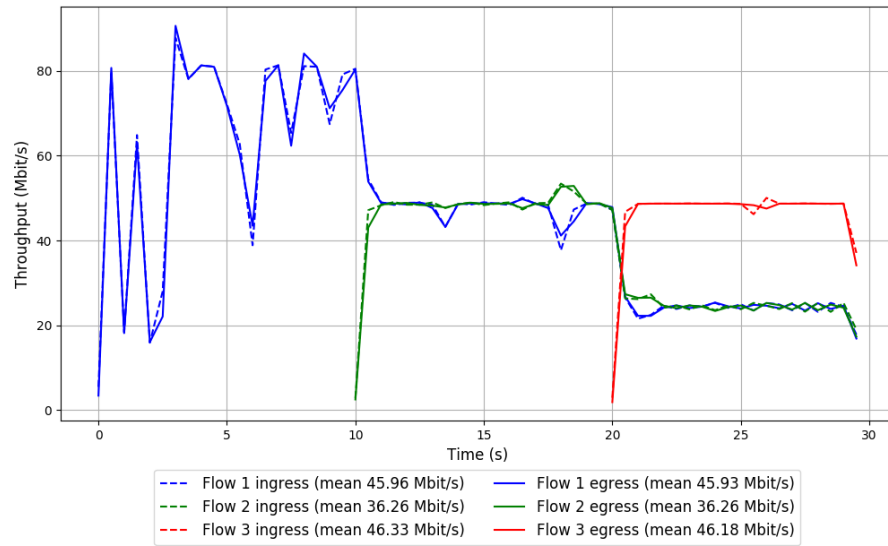


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-06 13:28:49
End at: 2018-03-06 13:29:19
Local clock offset: 0.956 ms
Remote clock offset: -0.608 ms

Below is generated by plot.py at 2018-03-06 20:29:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.16 Mbit/s
95th percentile per-packet one-way delay: 66.955 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 66.959 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 36.26 Mbit/s
95th percentile per-packet one-way delay: 67.082 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 46.18 Mbit/s
95th percentile per-packet one-way delay: 46.259 ms
Loss rate: 0.86%

Run 5: Report of QUIC Cubic — Data Link

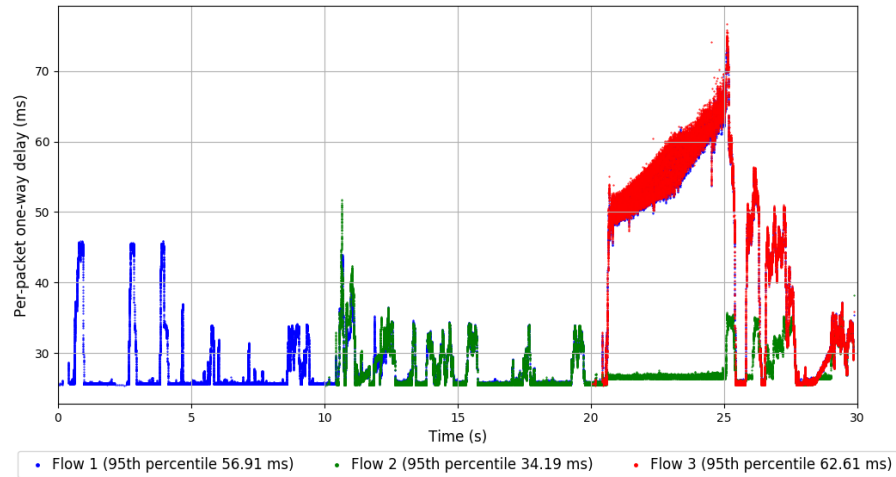
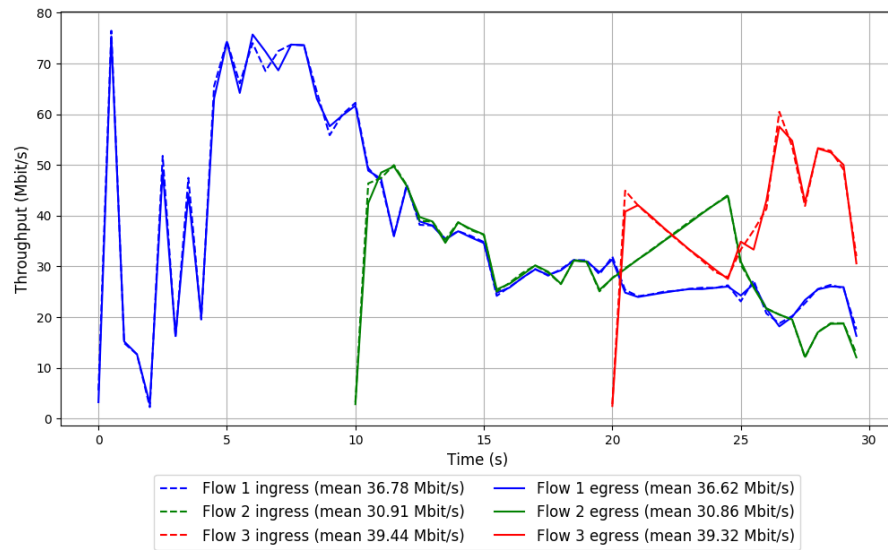


Run 6: Statistics of QUIC Cubic

Start at: 2018-03-06 13:53:32
End at: 2018-03-06 13:54:02
Local clock offset: 0.82 ms
Remote clock offset: -3.892 ms

Below is generated by plot.py at 2018-03-06 20:29:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 58.240 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 56.907 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 34.190 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 39.32 Mbit/s
95th percentile per-packet one-way delay: 62.613 ms
Loss rate: 0.78%

Run 6: Report of QUIC Cubic — Data Link

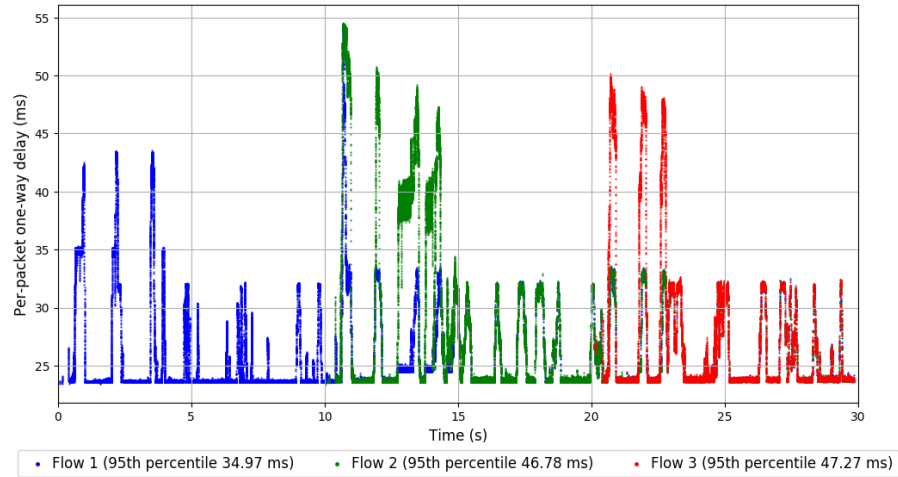
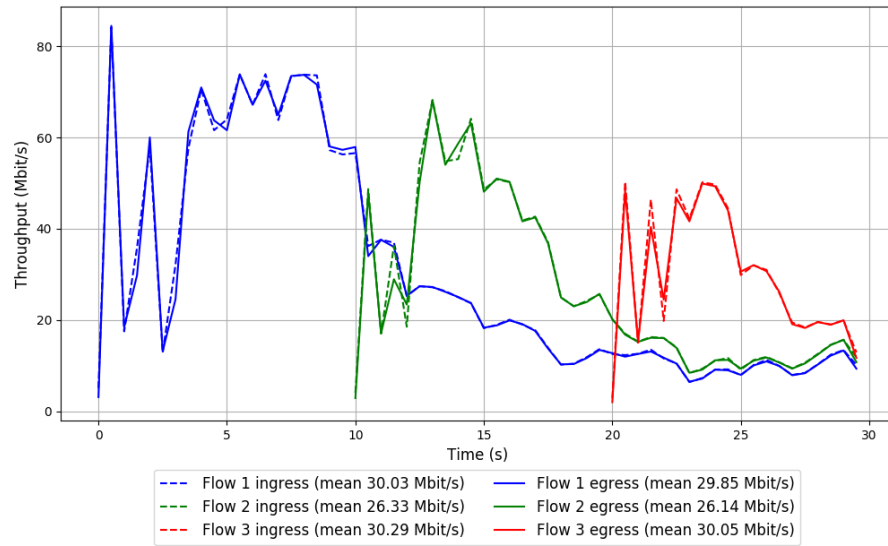


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-06 14:18:15
End at: 2018-03-06 14:18:45
Local clock offset: 0.938 ms
Remote clock offset: -1.682 ms

Below is generated by plot.py at 2018-03-06 20:29:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 43.227 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 34.965 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 26.14 Mbit/s
95th percentile per-packet one-way delay: 46.780 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 30.05 Mbit/s
95th percentile per-packet one-way delay: 47.275 ms
Loss rate: 1.41%

Run 7: Report of QUIC Cubic — Data Link

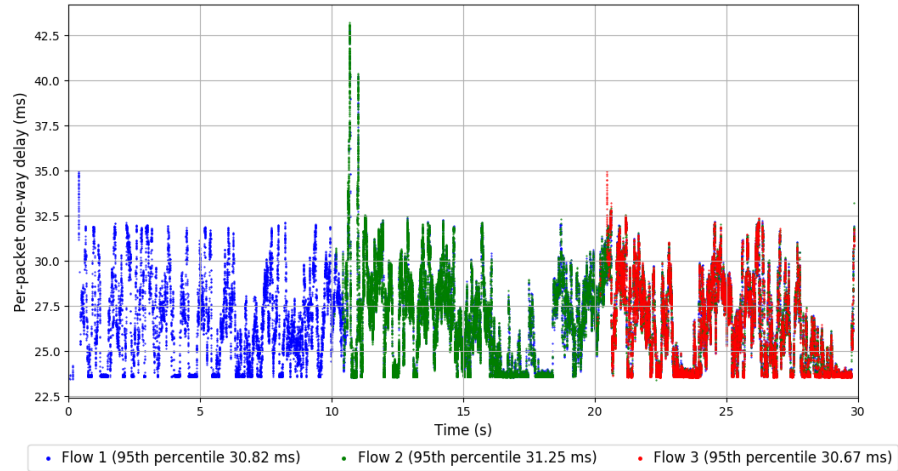
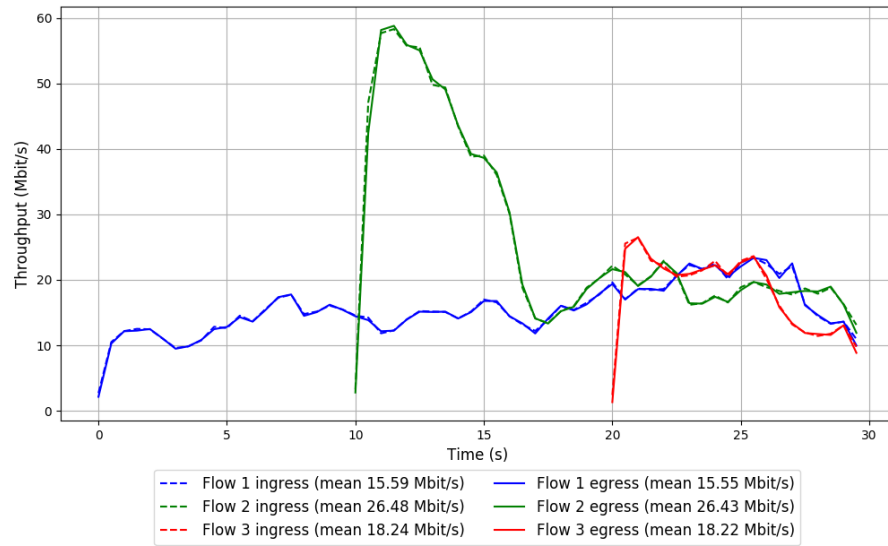


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-06 14:43:28
End at: 2018-03-06 14:43:58
Local clock offset: 0.952 ms
Remote clock offset: -0.481 ms

Below is generated by plot.py at 2018-03-06 20:29:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.09 Mbit/s
95th percentile per-packet one-way delay: 31.011 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 15.55 Mbit/s
95th percentile per-packet one-way delay: 30.824 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 26.43 Mbit/s
95th percentile per-packet one-way delay: 31.245 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 18.22 Mbit/s
95th percentile per-packet one-way delay: 30.668 ms
Loss rate: 0.69%

Run 8: Report of QUIC Cubic — Data Link

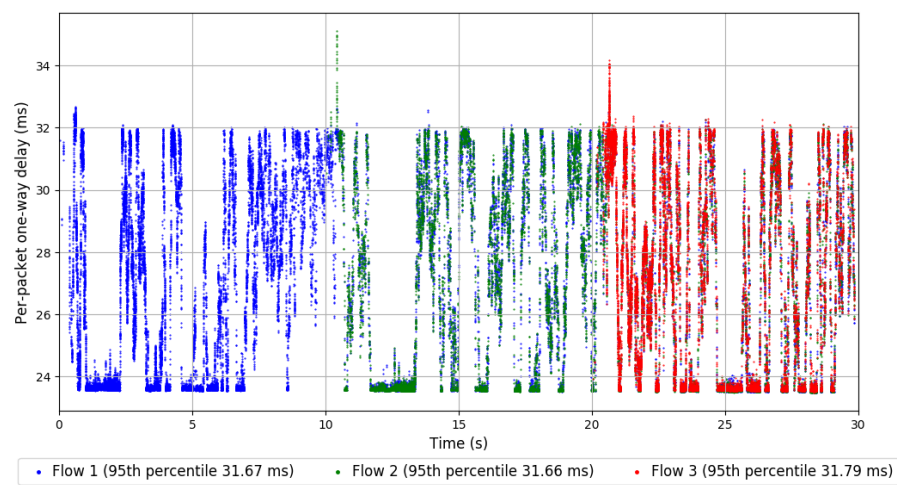
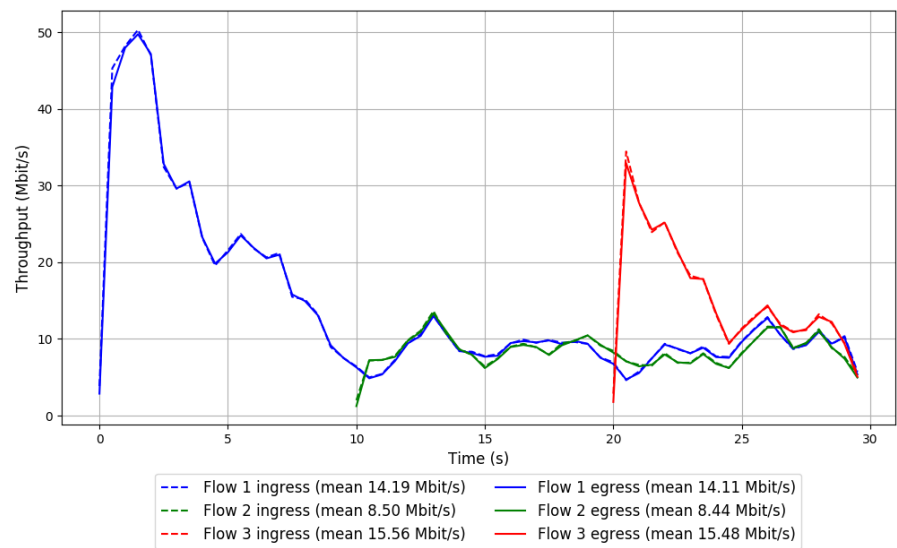


Run 9: Statistics of QUIC Cubic

Start at: 2018-03-06 15:10:11
End at: 2018-03-06 15:10:42
Local clock offset: 0.949 ms
Remote clock offset: -7.749 ms

Below is generated by plot.py at 2018-03-06 20:29:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 31.703 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 14.11 Mbit/s
95th percentile per-packet one-way delay: 31.669 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 8.44 Mbit/s
95th percentile per-packet one-way delay: 31.662 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 31.789 ms
Loss rate: 0.99%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-06 15:35:35

End at: 2018-03-06 15:36:05

Local clock offset: 0.792 ms

Remote clock offset: -10.522 ms

Below is generated by plot.py at 2018-03-06 20:30:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 45.95 Mbit/s

95th percentile per-packet one-way delay: 41.852 ms

Loss rate: 0.68%

-- Flow 1:

Average throughput: 22.78 Mbit/s

95th percentile per-packet one-way delay: 31.194 ms

Loss rate: 0.44%

-- Flow 2:

Average throughput: 29.89 Mbit/s

95th percentile per-packet one-way delay: 46.113 ms

Loss rate: 0.83%

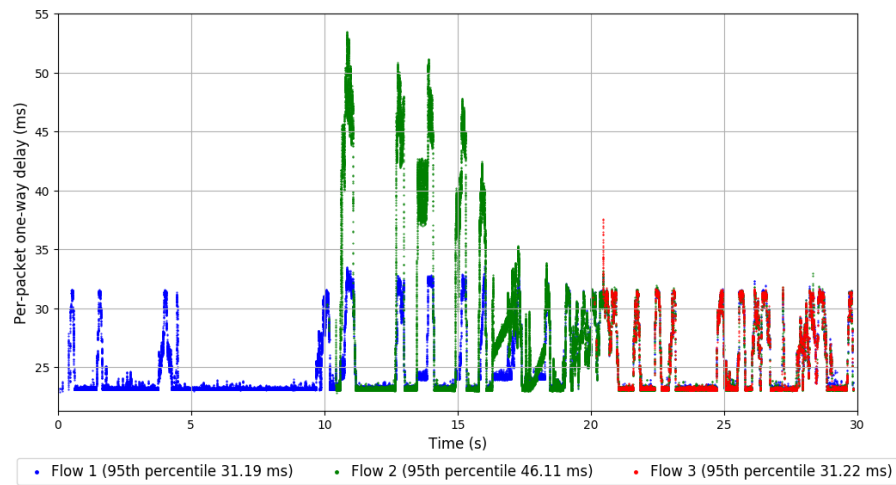
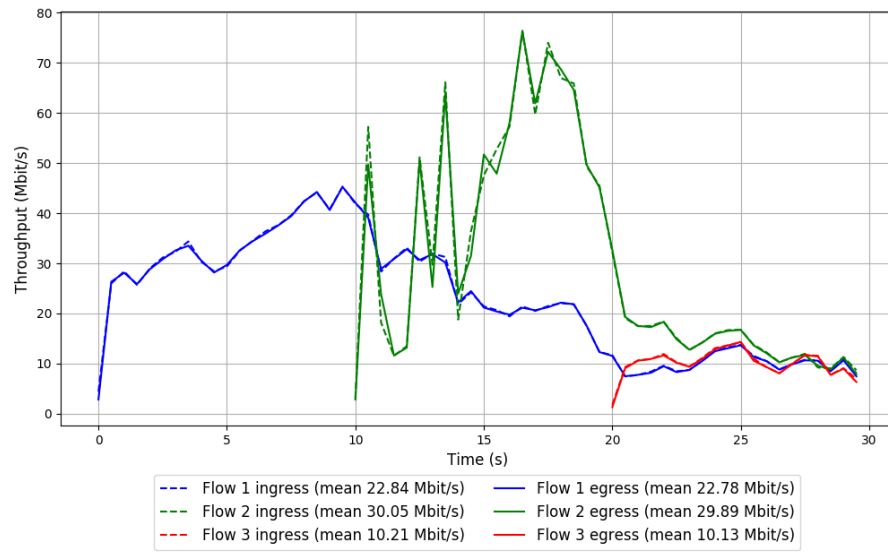
-- Flow 3:

Average throughput: 10.13 Mbit/s

95th percentile per-packet one-way delay: 31.219 ms

Loss rate: 1.44%

Run 10: Report of QUIC Cubic — Data Link

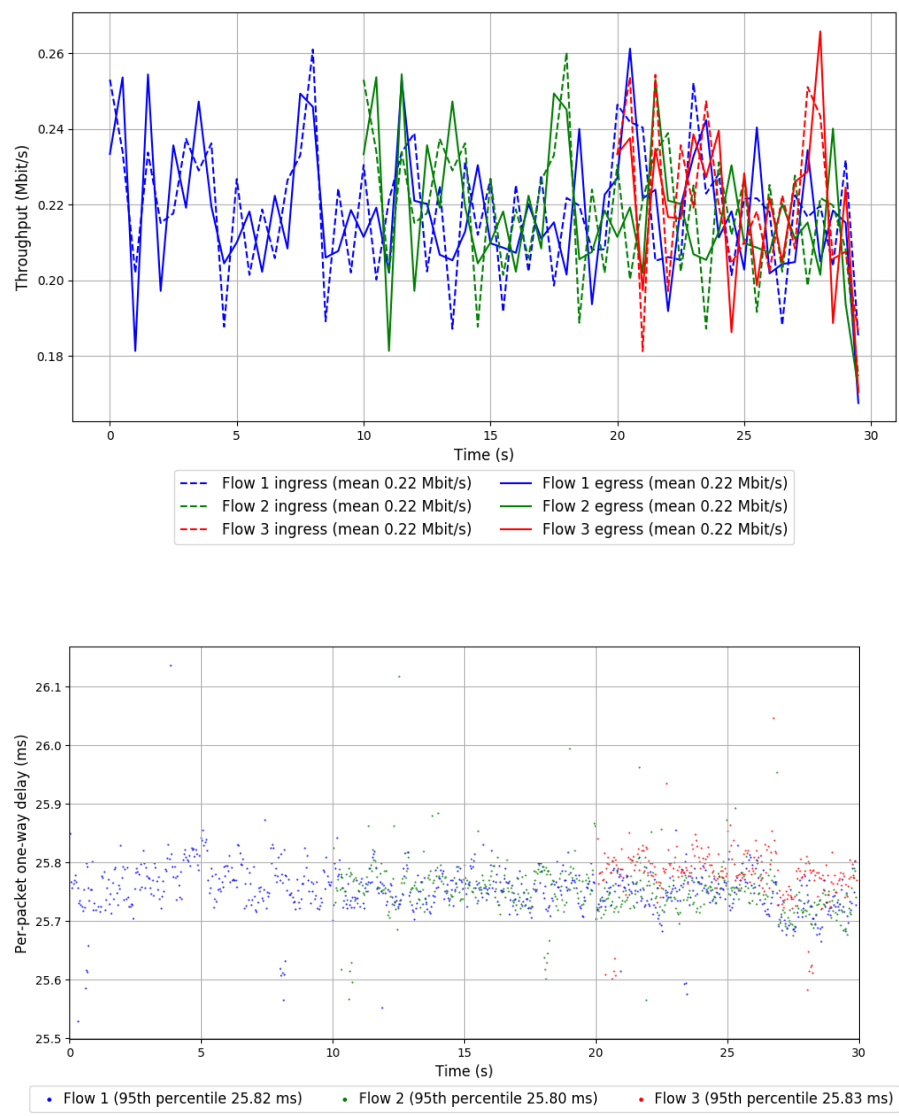


Run 1: Statistics of SReAM

Start at: 2018-03-06 11:59:56
End at: 2018-03-06 12:00:26
Local clock offset: 0.875 ms
Remote clock offset: -2.616 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 25.820 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: 25.805 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.830 ms
Loss rate: 0.35%

Run 1: Report of SReAM — Data Link

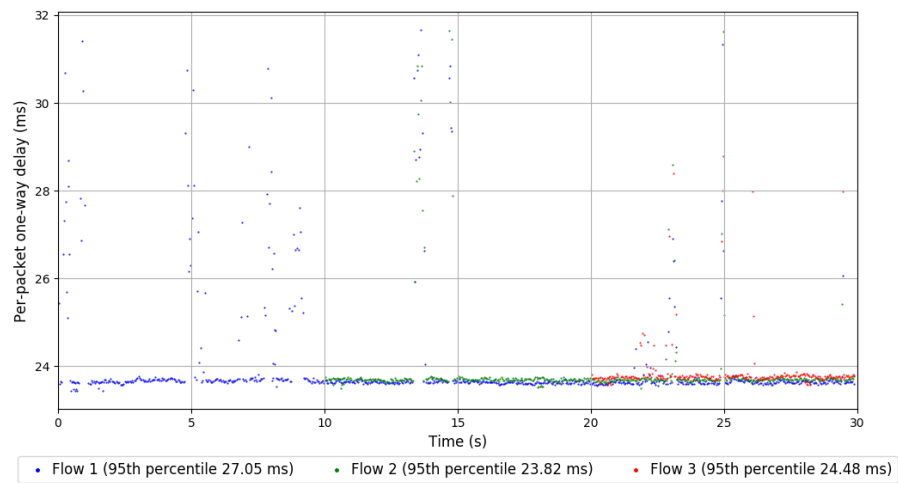
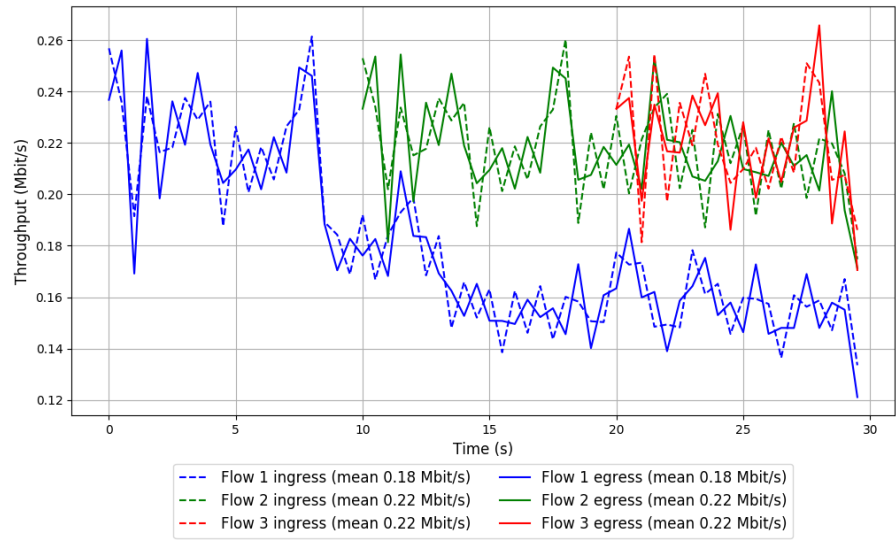


Run 2: Statistics of SReAM

Start at: 2018-03-06 12:24:35
End at: 2018-03-06 12:25:05
Local clock offset: 0.823 ms
Remote clock offset: -0.437 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 26.418 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 27.052 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.820 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.478 ms
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link

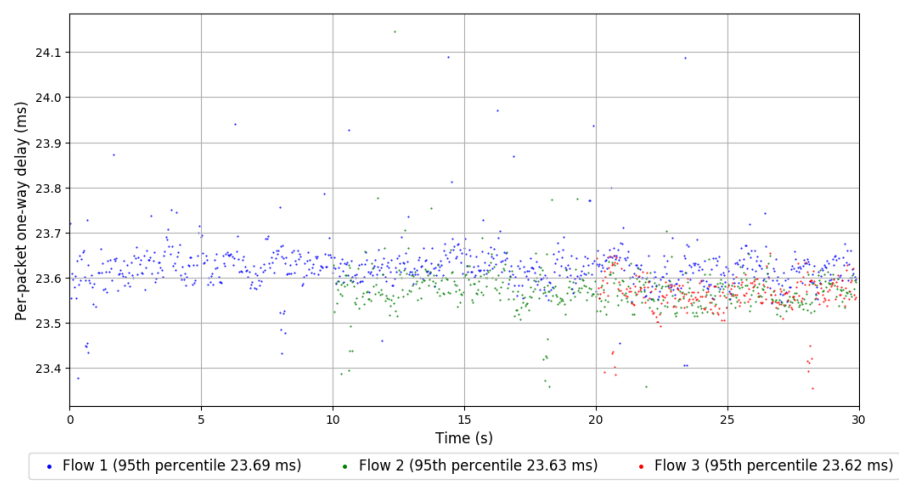
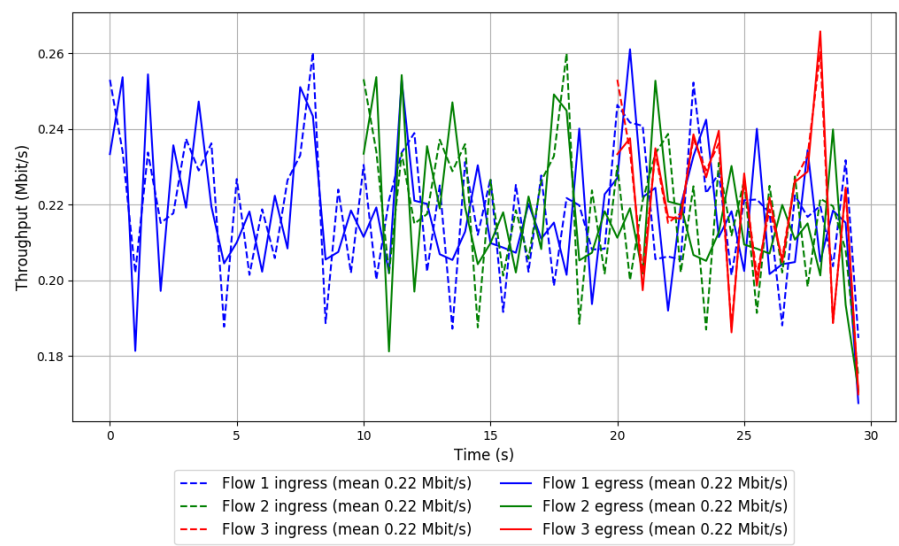


Run 3: Statistics of SReAM

Start at: 2018-03-06 12:49:10
End at: 2018-03-06 12:49:40
Local clock offset: 1.07 ms
Remote clock offset: -1.625 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 23.667 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.687 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.632 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.622 ms
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link

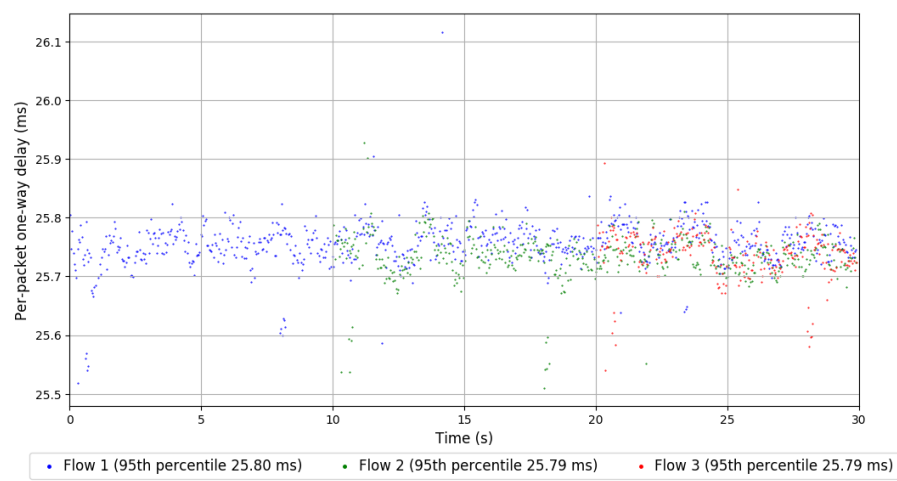
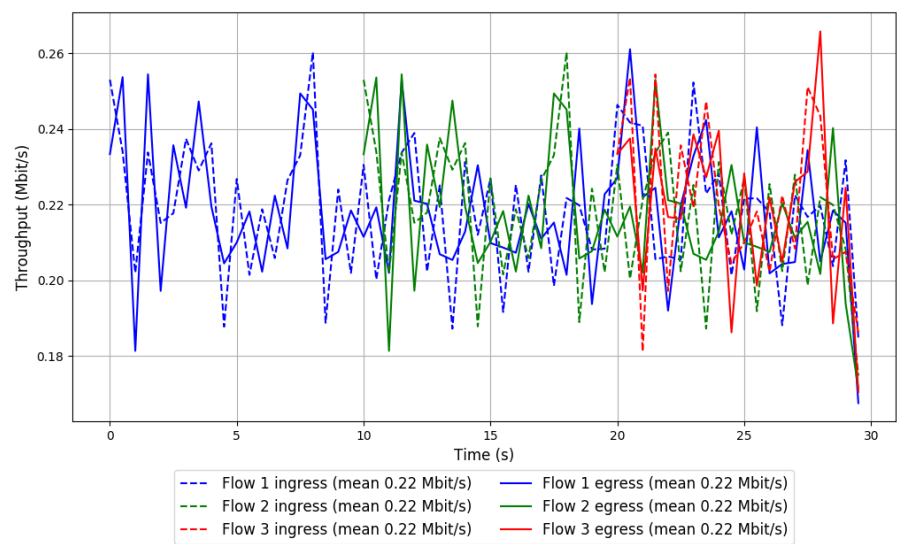


Run 4: Statistics of SReAM

Start at: 2018-03-06 13:13:47
End at: 2018-03-06 13:14:17
Local clock offset: 0.998 ms
Remote clock offset: -3.508 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 25.798 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.804 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.786 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.785 ms
Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

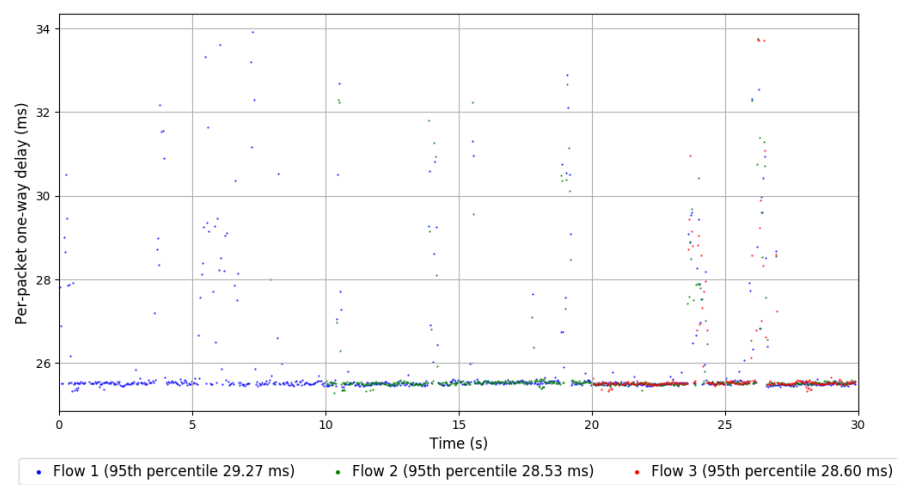
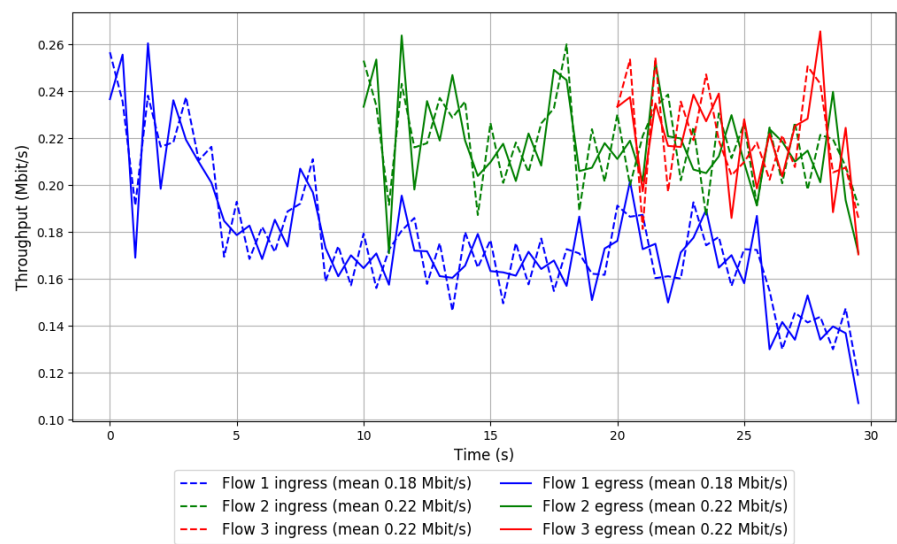


Run 5: Statistics of SReAM

Start at: 2018-03-06 13:38:19
End at: 2018-03-06 13:38:49
Local clock offset: 0.844 ms
Remote clock offset: -3.017 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 29.080 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 29.270 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.531 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.598 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

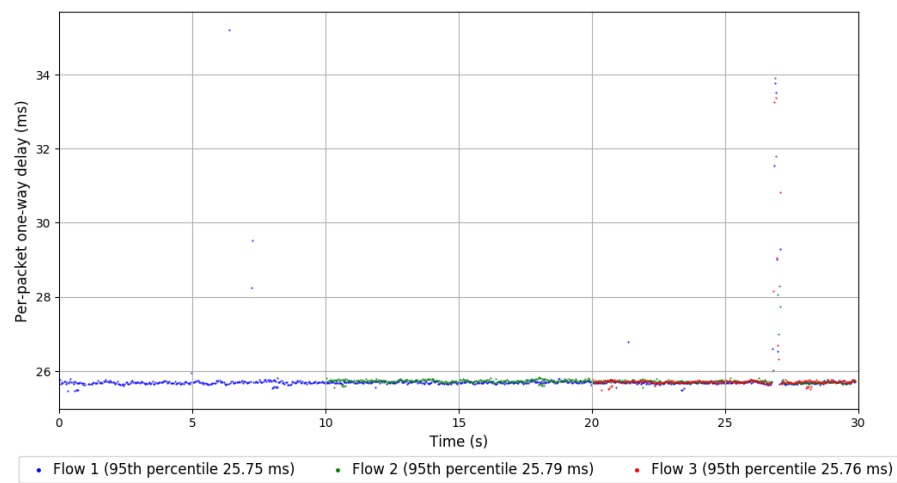
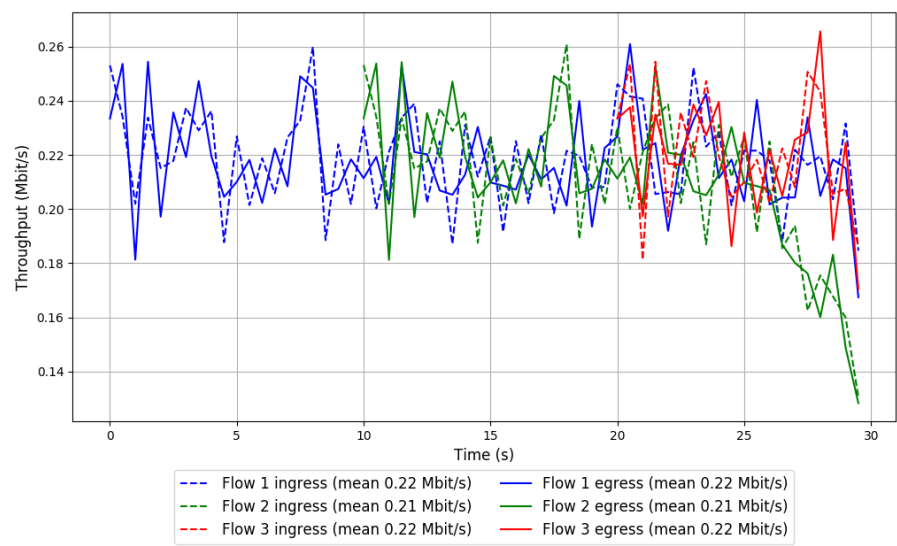


Run 6: Statistics of SCReAM

Start at: 2018-03-06 14:03:10
End at: 2018-03-06 14:03:40
Local clock offset: 0.905 ms
Remote clock offset: -4.159 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 25.770 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.747 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 25.786 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.762 ms
Loss rate: 0.35%

Run 6: Report of SReAM — Data Link

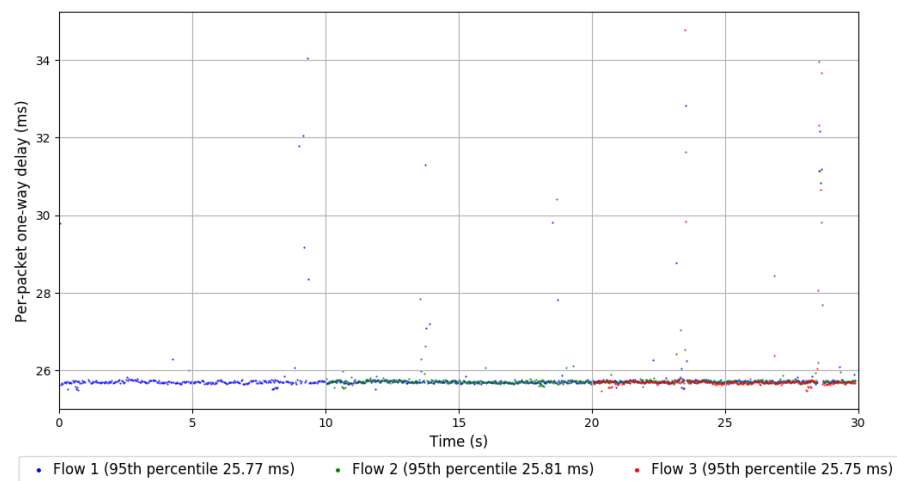
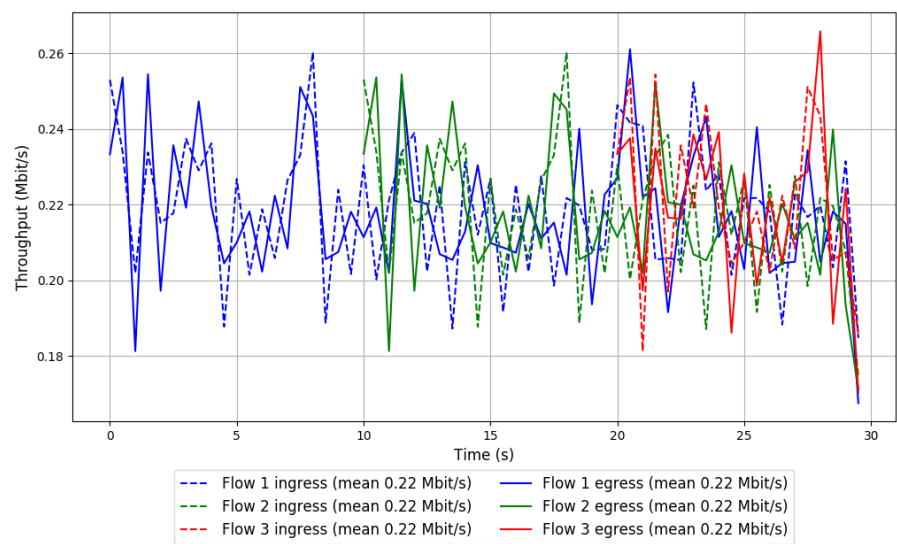


Run 7: Statistics of SReAM

Start at: 2018-03-06 14:27:59
End at: 2018-03-06 14:28:29
Local clock offset: 0.988 ms
Remote clock offset: -2.987 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 25.776 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.772 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.811 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.747 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

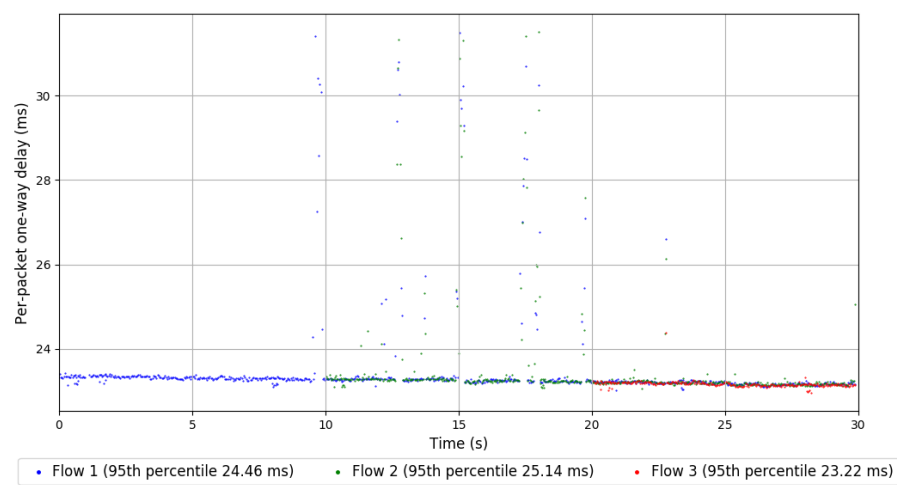
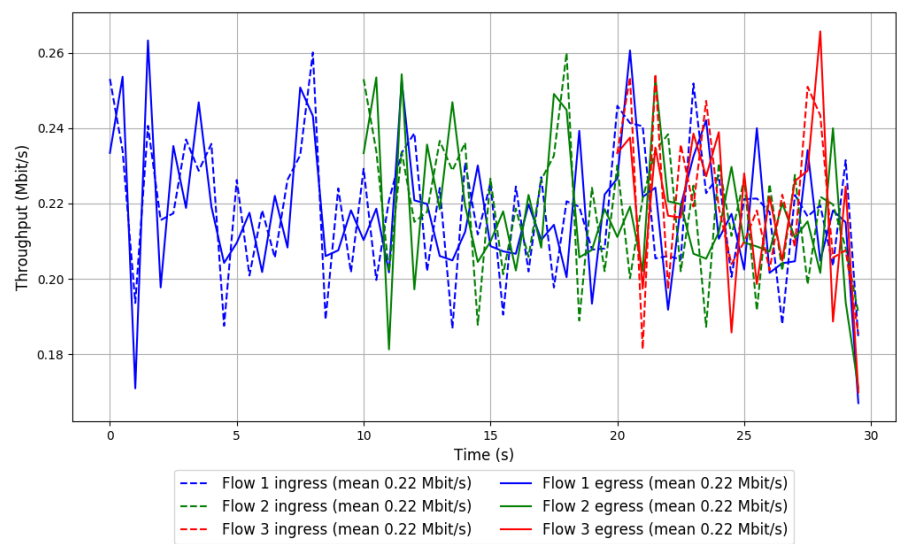


Run 8: Statistics of SReAM

Start at: 2018-03-06 14:54:21
End at: 2018-03-06 14:54:51
Local clock offset: 0.855 ms
Remote clock offset: -3.153 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 24.121 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.464 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.142 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.224 ms
Loss rate: 0.35%

Run 8: Report of SReAM — Data Link

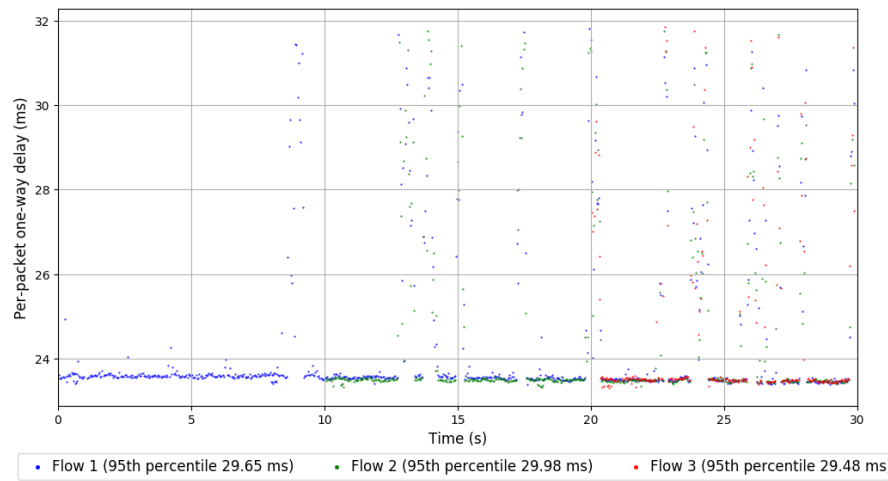
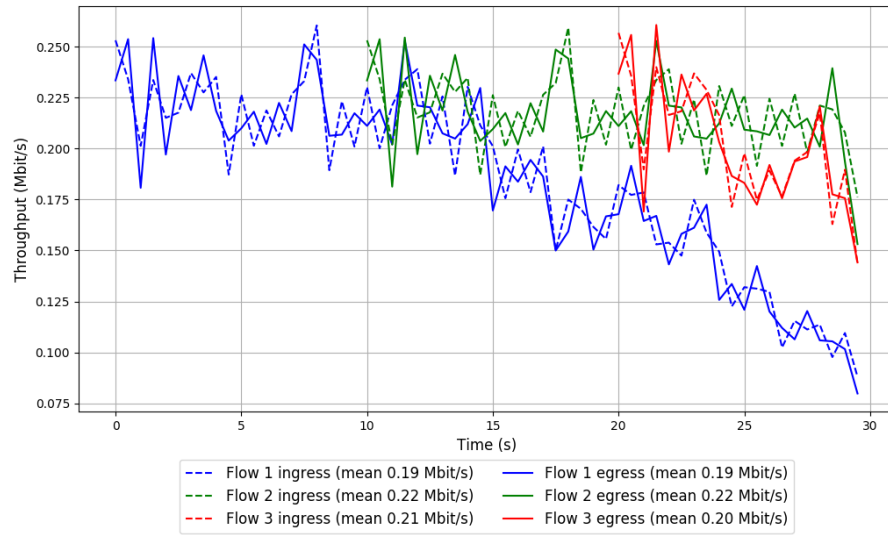


Run 9: Statistics of SReAM

Start at: 2018-03-06 15:20:05
End at: 2018-03-06 15:20:35
Local clock offset: 0.868 ms
Remote clock offset: -9.219 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 29.675 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 29.649 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.978 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 29.485 ms
Loss rate: 0.77%

Run 9: Report of SReAM — Data Link

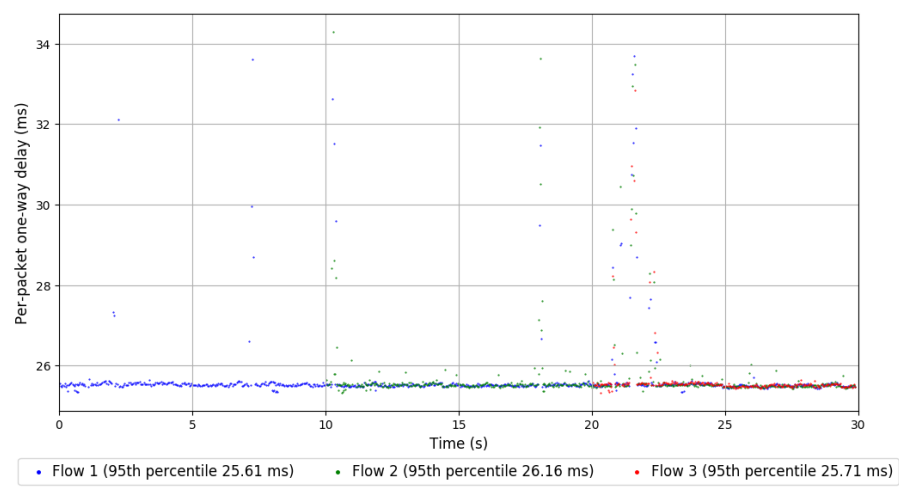
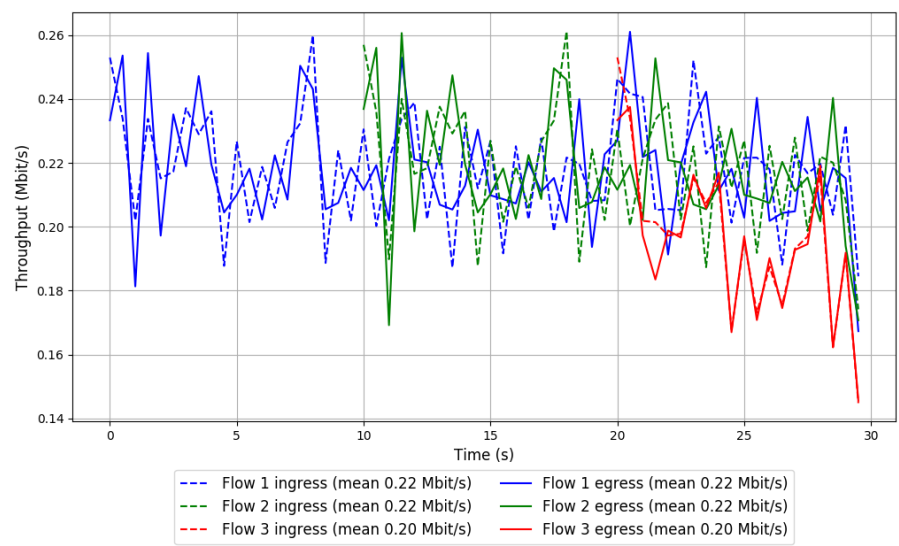


Run 10: Statistics of SReAM

Start at: 2018-03-06 15:45:26
End at: 2018-03-06 15:45:56
Local clock offset: 0.672 ms
Remote clock offset: -13.724 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 25.875 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.614 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 26.160 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 25.714 ms
Loss rate: 0.86%

Run 10: Report of SCReAM — Data Link

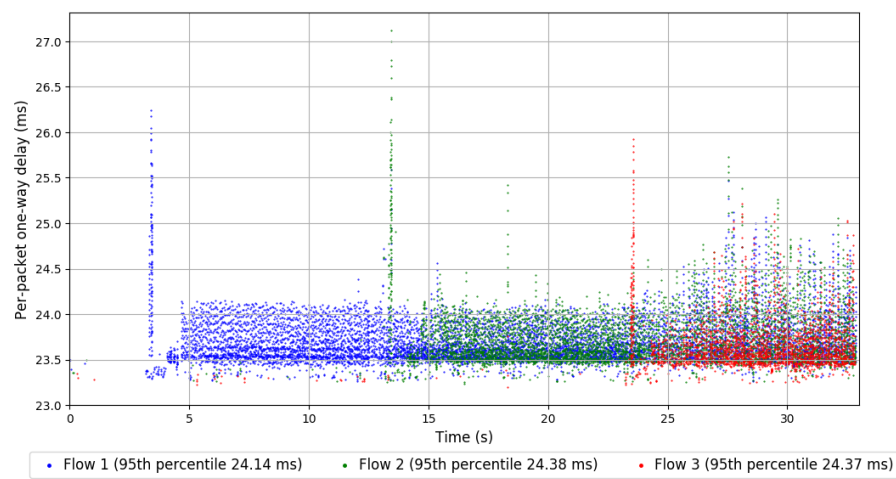
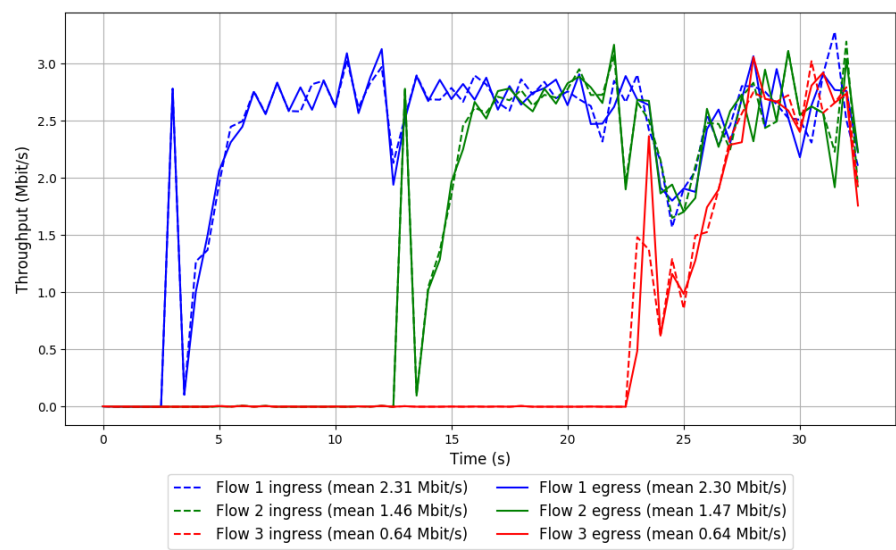


Run 1: Statistics of WebRTC media

Start at: 2018-03-06 11:58:39
End at: 2018-03-06 11:59:09
Local clock offset: 0.867 ms
Remote clock offset: -0.247 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 24.269 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 24.135 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 24.384 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 24.370 ms
Loss rate: 0.50%

Run 1: Report of WebRTC media — Data Link

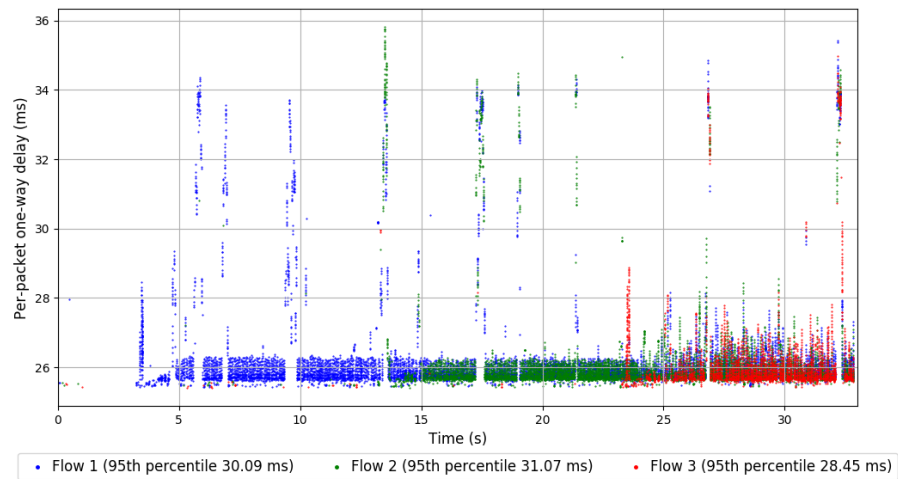
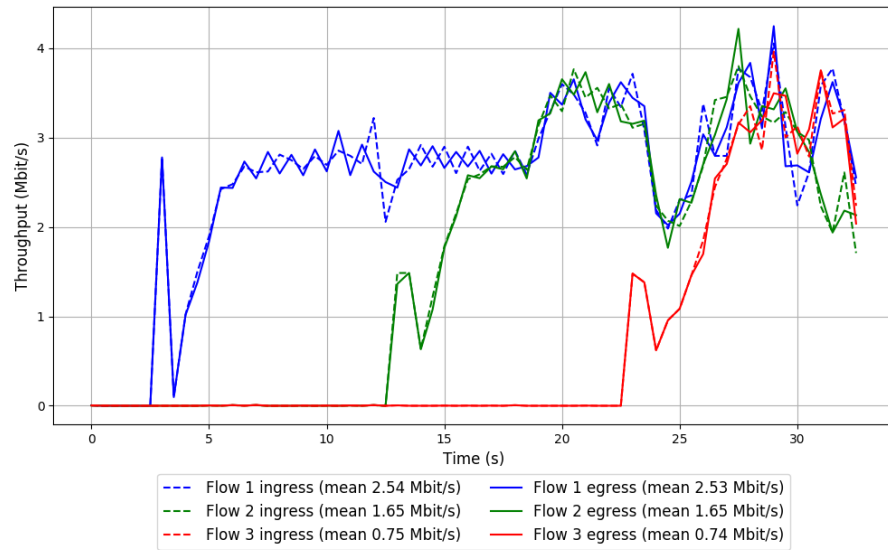


Run 2: Statistics of WebRTC media

Start at: 2018-03-06 12:23:18
End at: 2018-03-06 12:23:48
Local clock offset: 0.786 ms
Remote clock offset: -2.451 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 30.063 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 2.53 Mbit/s
95th percentile per-packet one-way delay: 30.090 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 31.074 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 28.450 ms
Loss rate: 1.03%

Run 2: Report of WebRTC media — Data Link

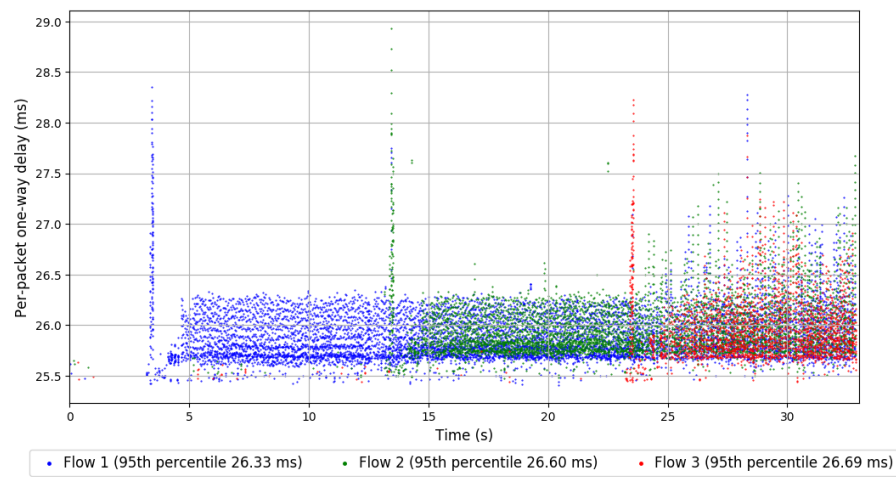
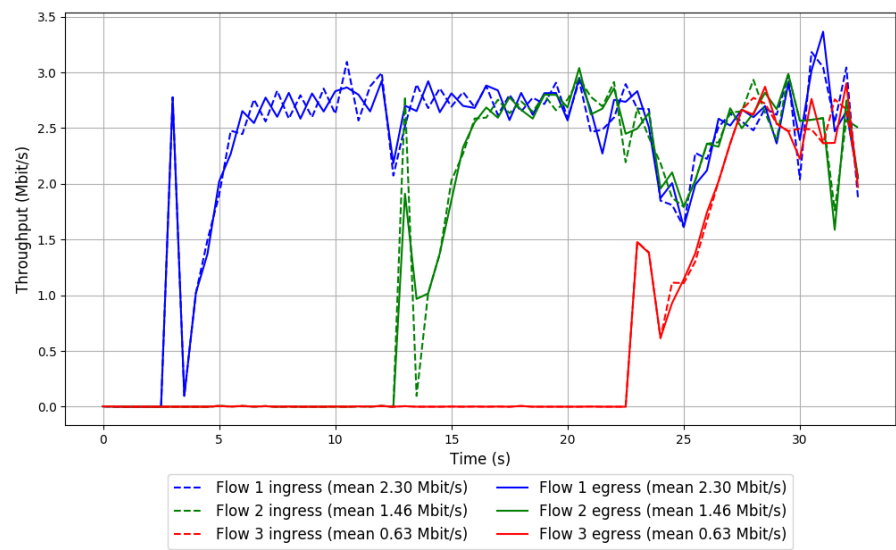


Run 3: Statistics of WebRTC media

Start at: 2018-03-06 12:47:53
End at: 2018-03-06 12:48:23
Local clock offset: 1.033 ms
Remote clock offset: -3.712 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 26.506 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 26.326 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 26.599 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 26.690 ms
Loss rate: 0.54%

Run 3: Report of WebRTC media — Data Link

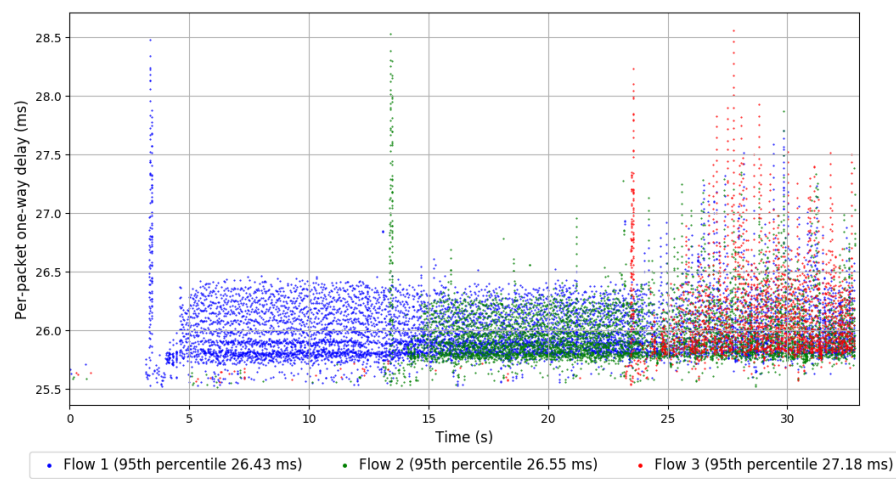
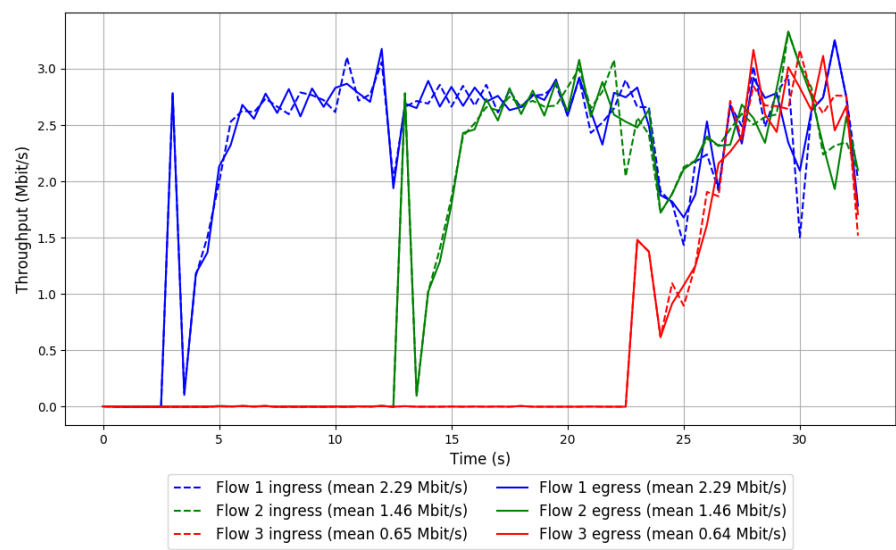


Run 4: Statistics of WebRTC media

Start at: 2018-03-06 13:12:30
End at: 2018-03-06 13:13:00
Local clock offset: 1.05 ms
Remote clock offset: -3.548 ms

```
# Below is generated by plot.py at 2018-03-06 20:30:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 26.649 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 26.427 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 26.545 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 27.179 ms
Loss rate: 0.50%
```

Run 4: Report of WebRTC media — Data Link

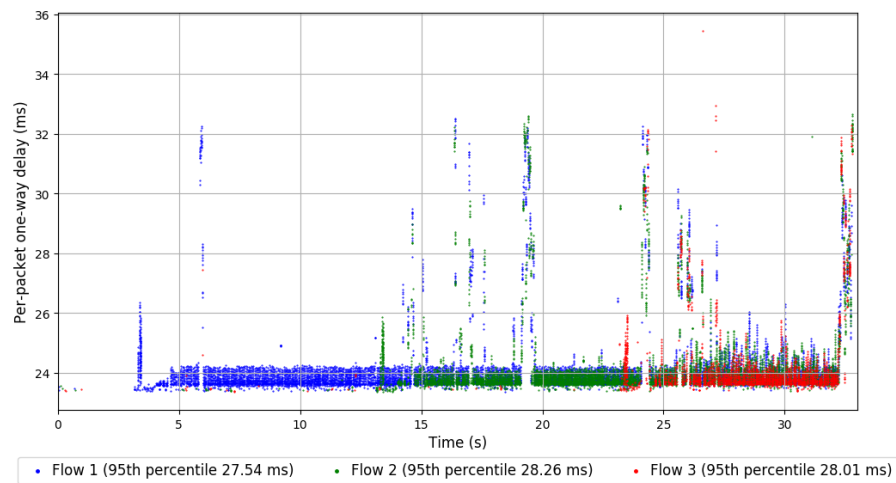
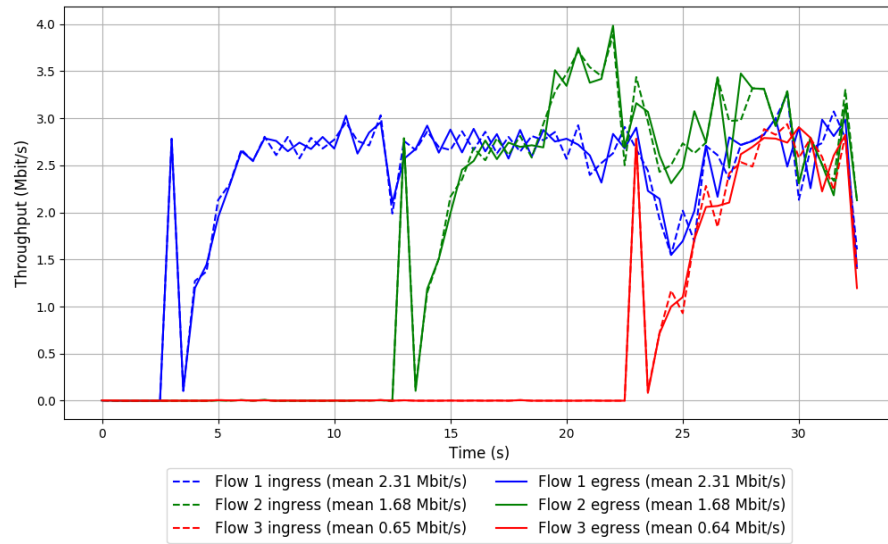


Run 5: Statistics of WebRTC media

Start at: 2018-03-06 13:37:02
End at: 2018-03-06 13:37:32
Local clock offset: 0.96 ms
Remote clock offset: -0.995 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.62 Mbit/s
95th percentile per-packet one-way delay: 27.906 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 27.540 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 1.68 Mbit/s
95th percentile per-packet one-way delay: 28.264 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 28.010 ms
Loss rate: 0.59%

Run 5: Report of WebRTC media — Data Link

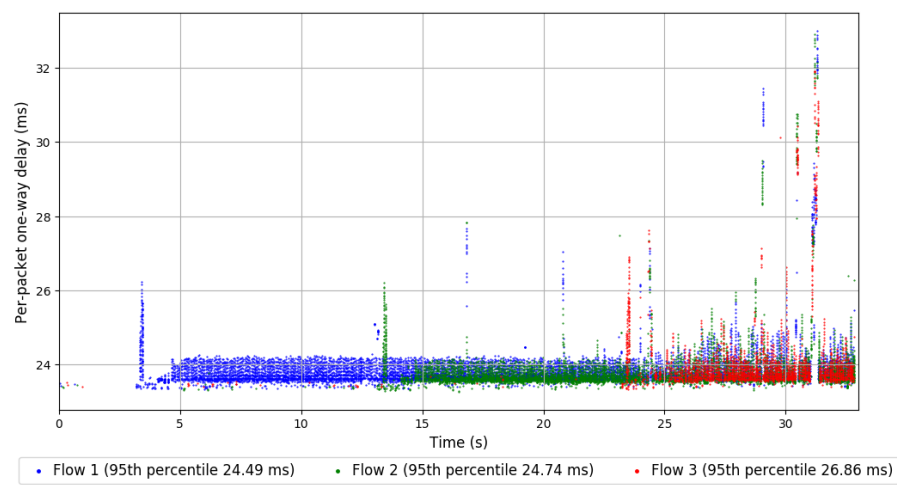
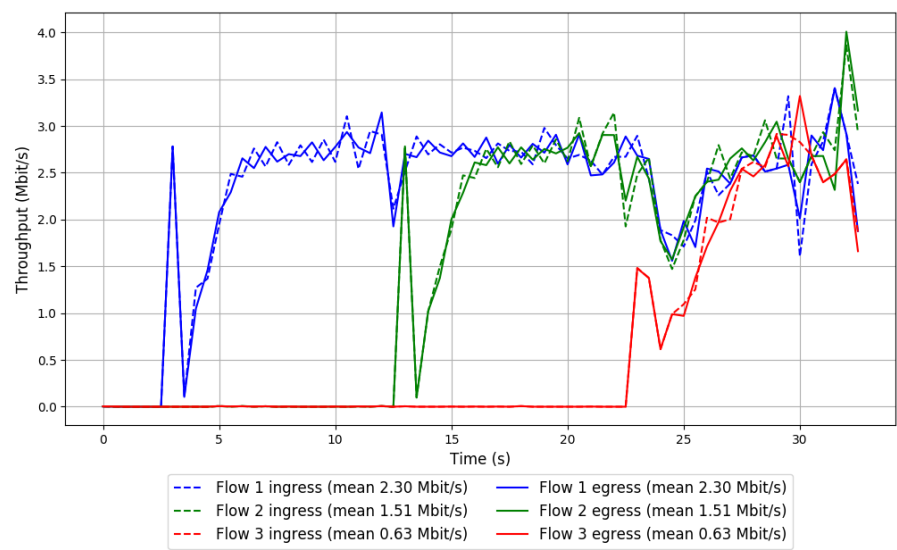


Run 6: Statistics of WebRTC media

Start at: 2018-03-06 14:01:52
End at: 2018-03-06 14:02:22
Local clock offset: 0.929 ms
Remote clock offset: -1.995 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 24.795 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 24.490 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 24.742 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 26.864 ms
Loss rate: 0.51%

Run 6: Report of WebRTC media — Data Link

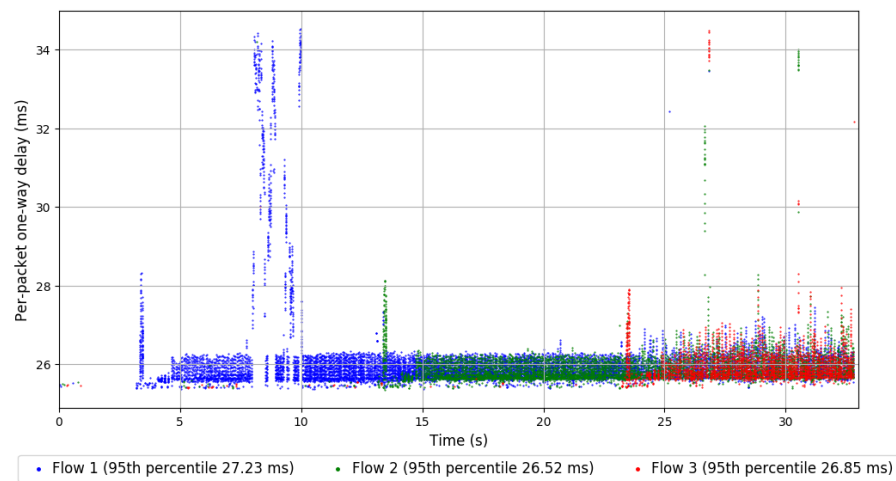
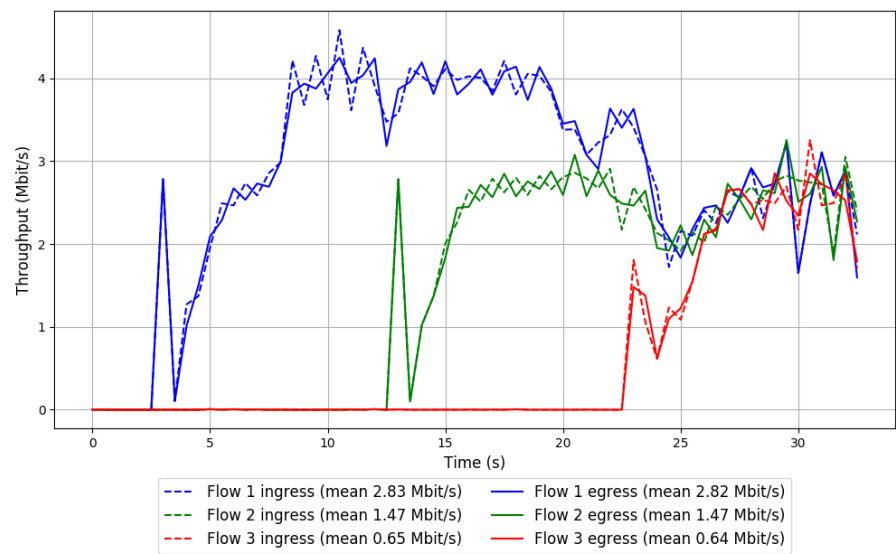


Run 7: Statistics of WebRTC media

Start at: 2018-03-06 14:26:41
End at: 2018-03-06 14:27:11
Local clock offset: 0.949 ms
Remote clock offset: -2.986 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.92 Mbit/s
95th percentile per-packet one-way delay: 26.784 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 2.82 Mbit/s
95th percentile per-packet one-way delay: 27.226 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 26.525 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 26.852 ms
Loss rate: 0.61%

Run 7: Report of WebRTC media — Data Link

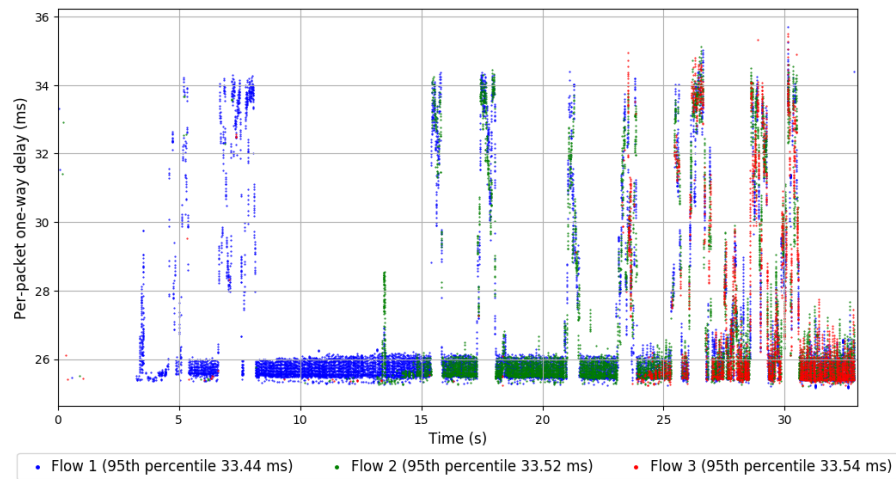
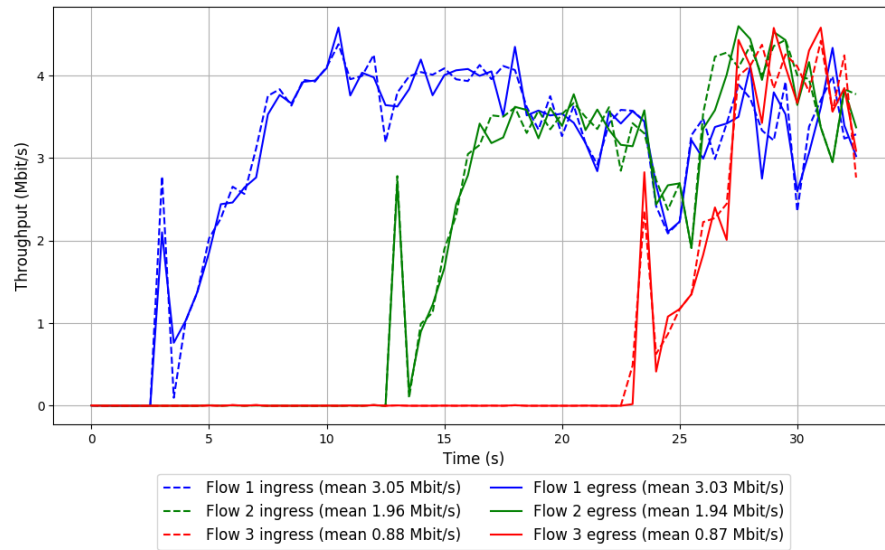


Run 8: Statistics of WebRTC media

Start at: 2018-03-06 14:53:04
End at: 2018-03-06 14:53:34
Local clock offset: 0.96 ms
Remote clock offset: -4.715 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.83 Mbit/s
95th percentile per-packet one-way delay: 33.491 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 3.03 Mbit/s
95th percentile per-packet one-way delay: 33.436 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 33.517 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 33.543 ms
Loss rate: 0.86%

Run 8: Report of WebRTC media — Data Link

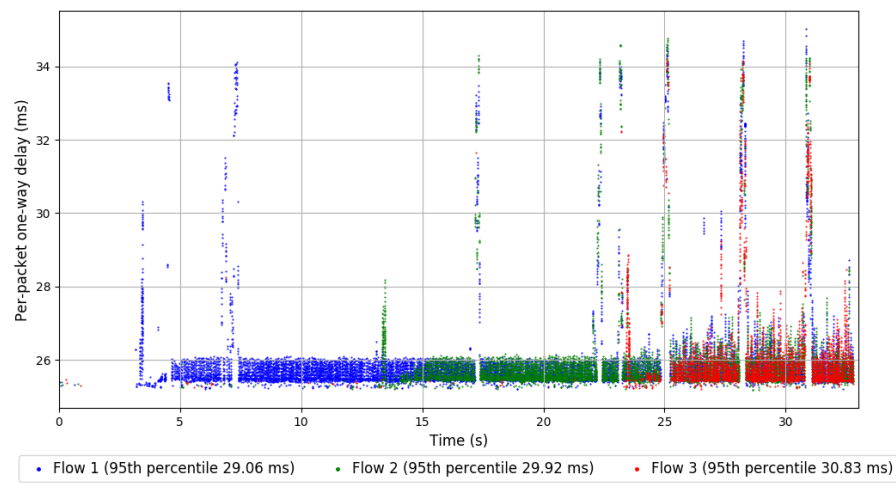
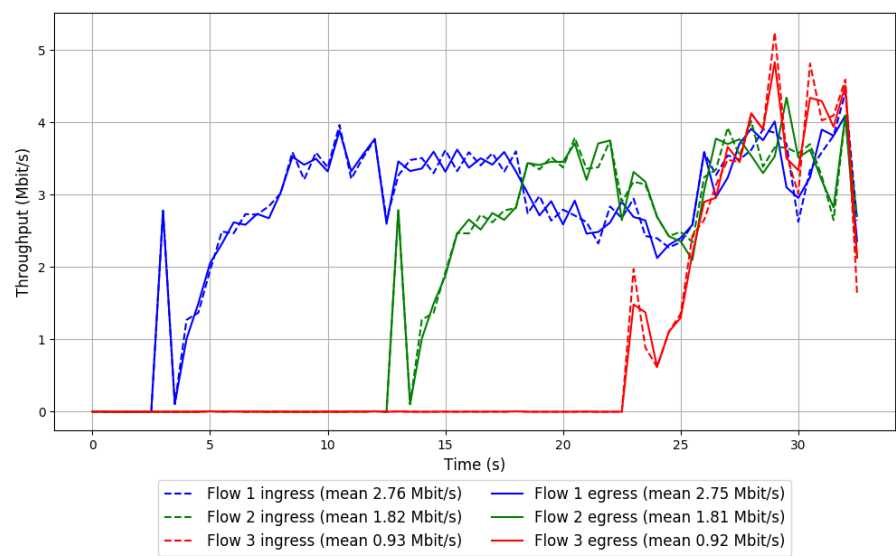


Run 9: Statistics of WebRTC media

Start at: 2018-03-06 15:18:47
End at: 2018-03-06 15:19:17
Local clock offset: 0.793 ms
Remote clock offset: -11.053 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.47 Mbit/s
95th percentile per-packet one-way delay: 29.857 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 2.75 Mbit/s
95th percentile per-packet one-way delay: 29.059 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 29.924 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 30.834 ms
Loss rate: 0.23%

Run 9: Report of WebRTC media — Data Link

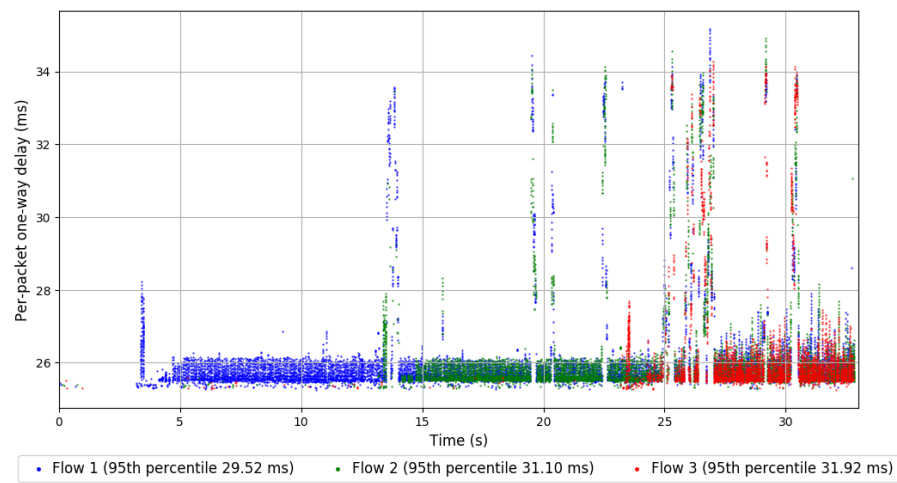
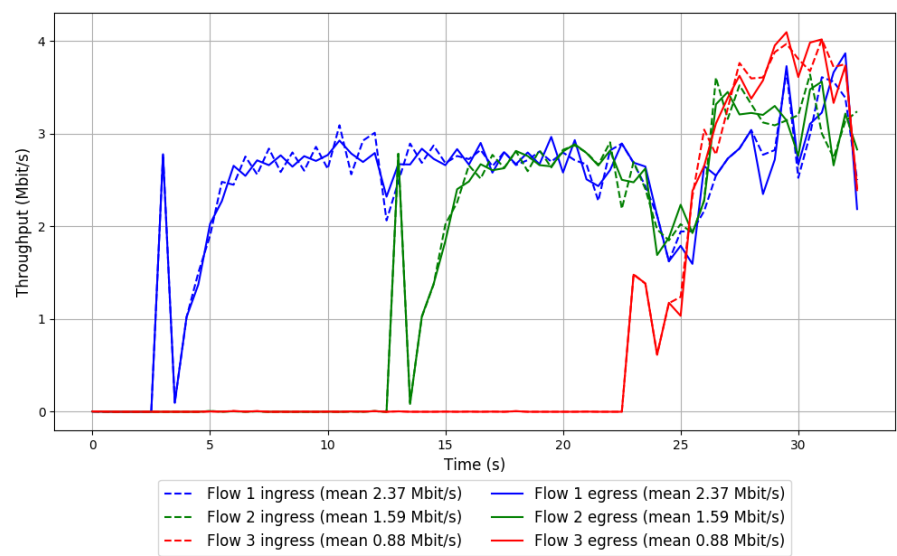


Run 10: Statistics of WebRTC media

Start at: 2018-03-06 15:44:08
End at: 2018-03-06 15:44:38
Local clock offset: 0.661 ms
Remote clock offset: -13.556 ms

Below is generated by plot.py at 2018-03-06 20:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 30.823 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 29.515 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 31.096 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 0.88 Mbit/s
95th percentile per-packet one-way delay: 31.922 ms
Loss rate: 0.93%

Run 10: Report of WebRTC media — Data Link

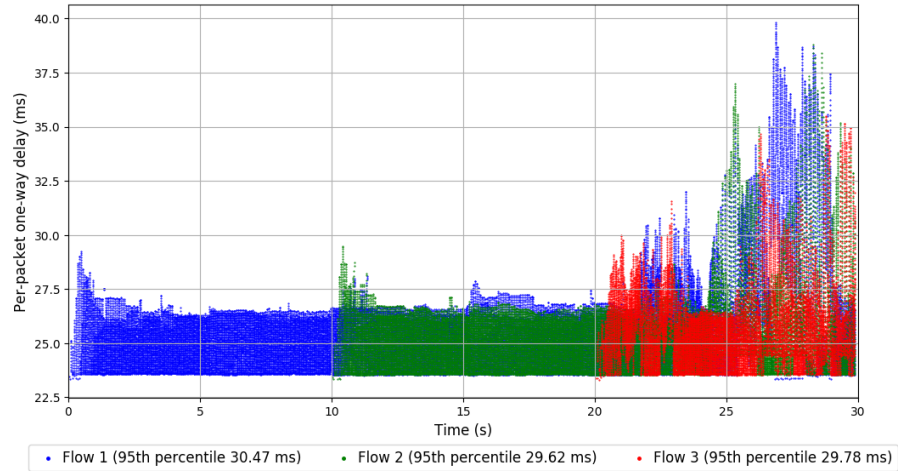
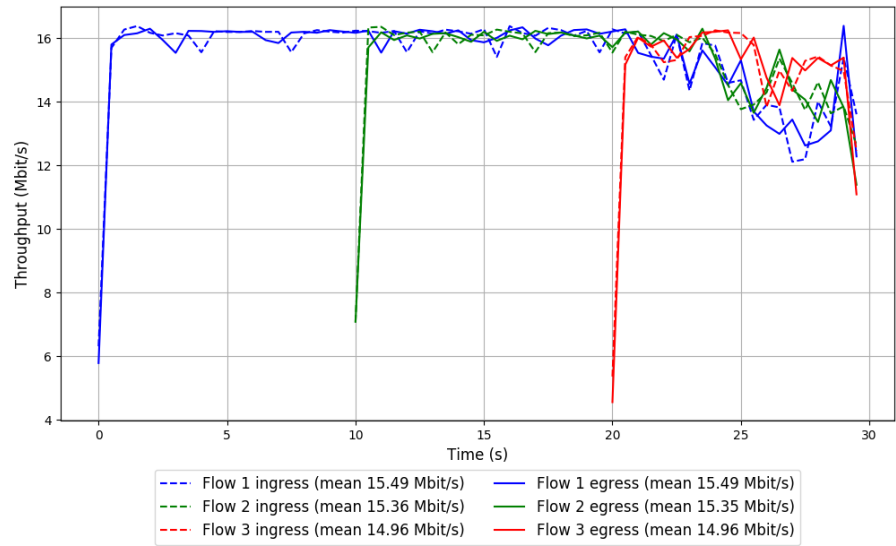


Run 1: Statistics of Sprout

Start at: 2018-03-06 12:01:14
End at: 2018-03-06 12:01:44
Local clock offset: 0.767 ms
Remote clock offset: -0.587 ms

Below is generated by plot.py at 2018-03-06 20:30:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.61 Mbit/s
95th percentile per-packet one-way delay: 30.045 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 15.49 Mbit/s
95th percentile per-packet one-way delay: 30.467 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 29.617 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 14.96 Mbit/s
95th percentile per-packet one-way delay: 29.777 ms
Loss rate: 0.55%

Run 1: Report of Sprout — Data Link

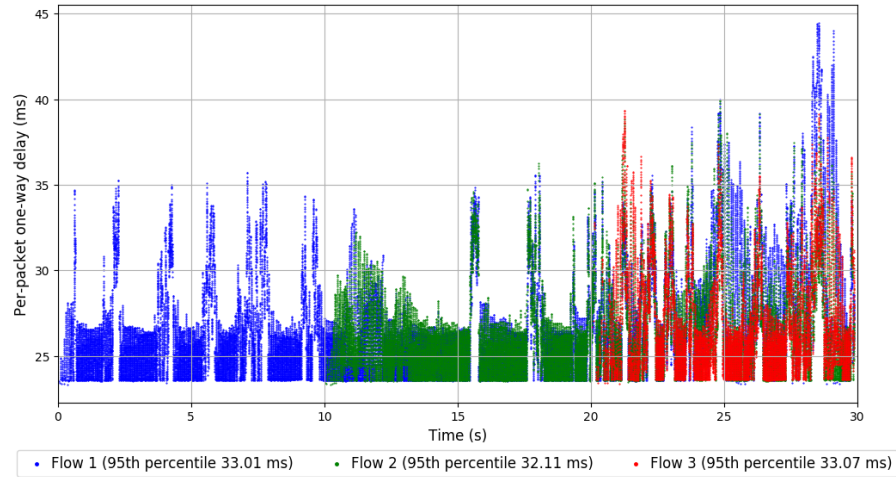
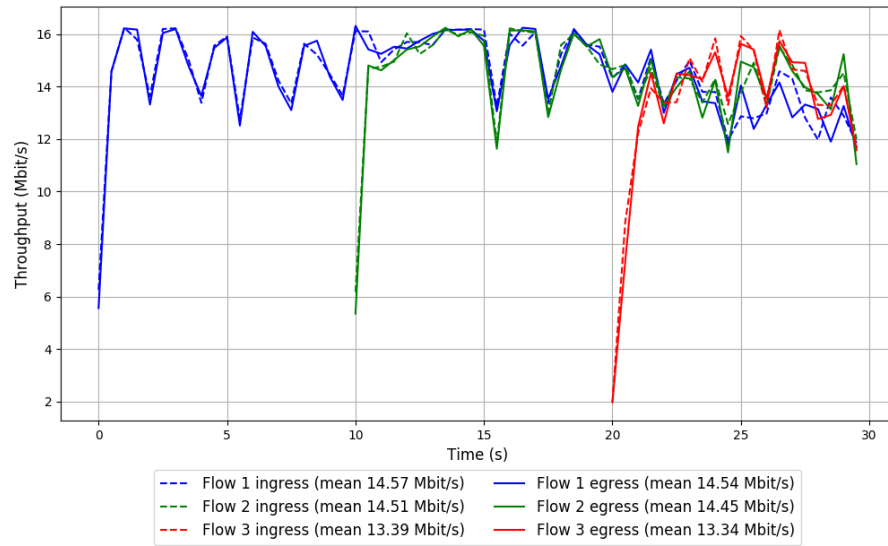


Run 2: Statistics of Sprout

Start at: 2018-03-06 12:25:52
End at: 2018-03-06 12:26:22
Local clock offset: 0.807 ms
Remote clock offset: -0.297 ms

Below is generated by plot.py at 2018-03-06 20:30:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.54 Mbit/s
95th percentile per-packet one-way delay: 32.745 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 14.54 Mbit/s
95th percentile per-packet one-way delay: 33.012 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 14.45 Mbit/s
95th percentile per-packet one-way delay: 32.106 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 33.073 ms
Loss rate: 0.74%

Run 2: Report of Sprout — Data Link

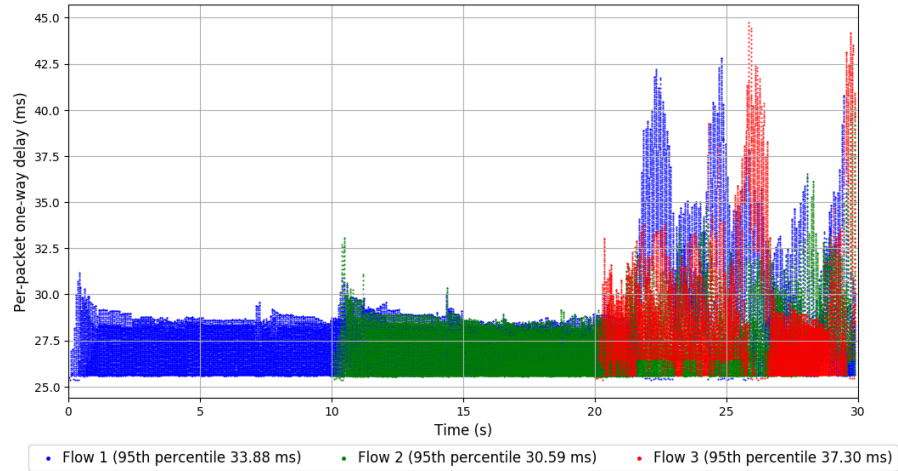
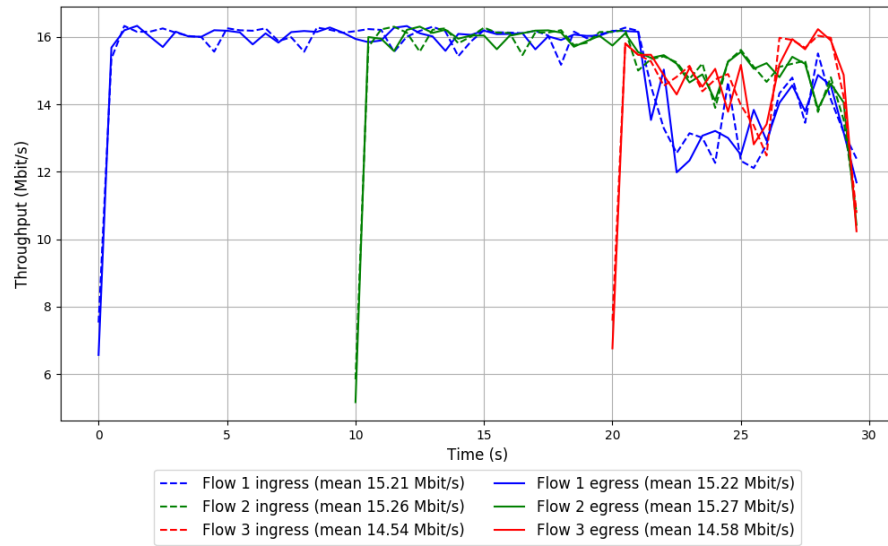


Run 3: Statistics of Sprout

Start at: 2018-03-06 12:50:27
End at: 2018-03-06 12:50:57
Local clock offset: 0.967 ms
Remote clock offset: -3.751 ms

```
# Below is generated by plot.py at 2018-03-06 20:30:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.17 Mbit/s
95th percentile per-packet one-way delay: 33.241 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 33.884 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 15.27 Mbit/s
95th percentile per-packet one-way delay: 30.594 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 37.299 ms
Loss rate: 0.21%
```


Run 3: Report of Sprout — Data Link

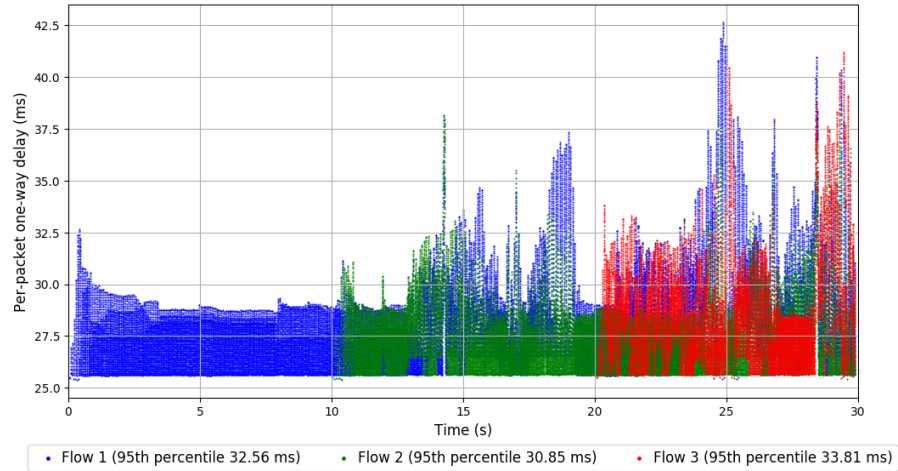
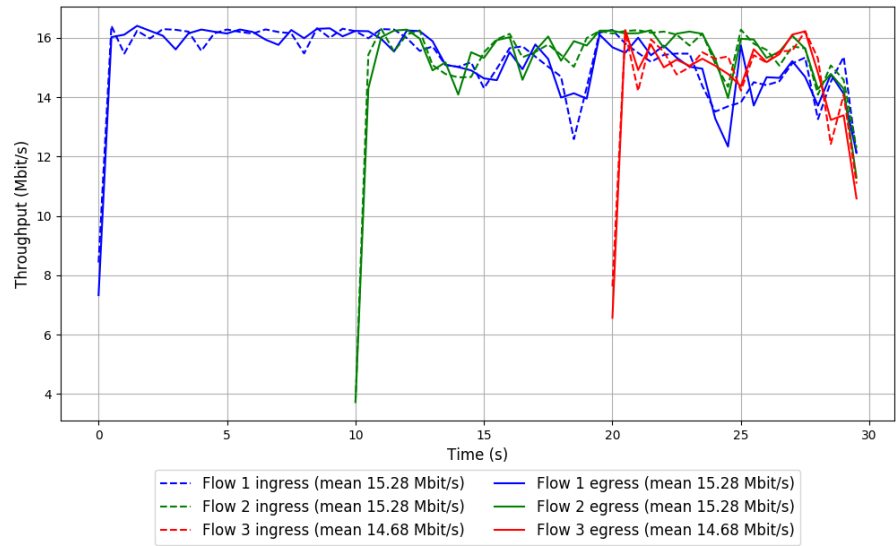


Run 4: Statistics of Sprout

Start at: 2018-03-06 13:15:05
End at: 2018-03-06 13:15:35
Local clock offset: 1.021 ms
Remote clock offset: -3.336 ms

```
# Below is generated by plot.py at 2018-03-06 20:30:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.27 Mbit/s
95th percentile per-packet one-way delay: 32.170 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 15.28 Mbit/s
95th percentile per-packet one-way delay: 32.558 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 15.28 Mbit/s
95th percentile per-packet one-way delay: 30.848 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 33.806 ms
Loss rate: 0.52%
```

Run 4: Report of Sprout — Data Link

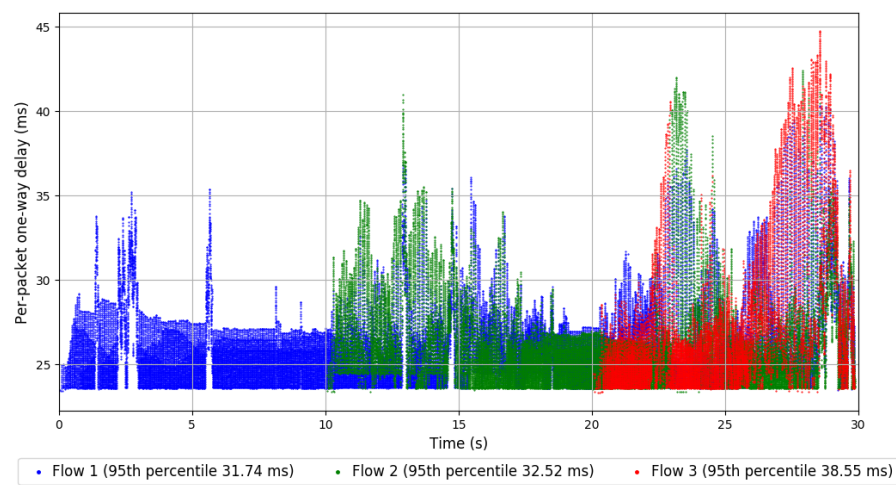
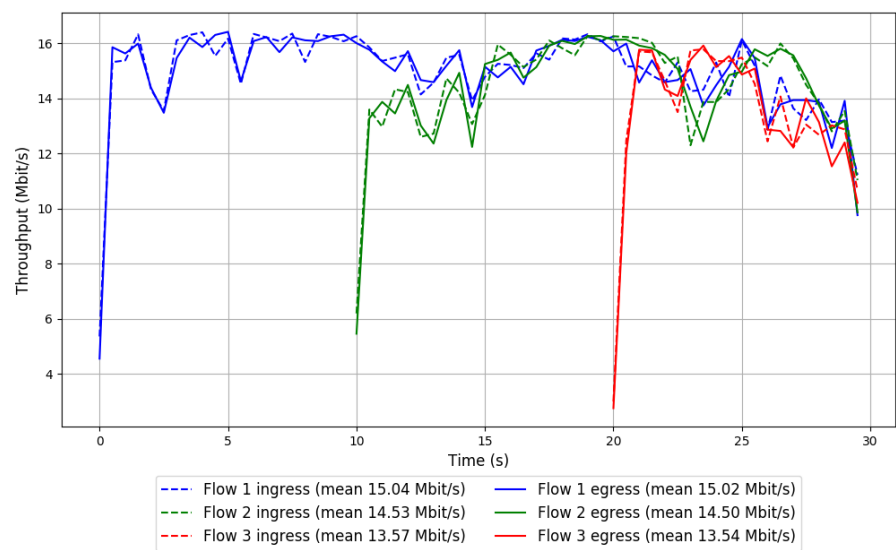


Run 5: Statistics of Sprout

Start at: 2018-03-06 13:39:36
End at: 2018-03-06 13:40:06
Local clock offset: 0.82 ms
Remote clock offset: -1.072 ms

Below is generated by plot.py at 2018-03-06 20:30:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.10 Mbit/s
95th percentile per-packet one-way delay: 33.154 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 31.740 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 14.50 Mbit/s
95th percentile per-packet one-way delay: 32.516 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 38.554 ms
Loss rate: 0.90%

Run 5: Report of Sprout — Data Link

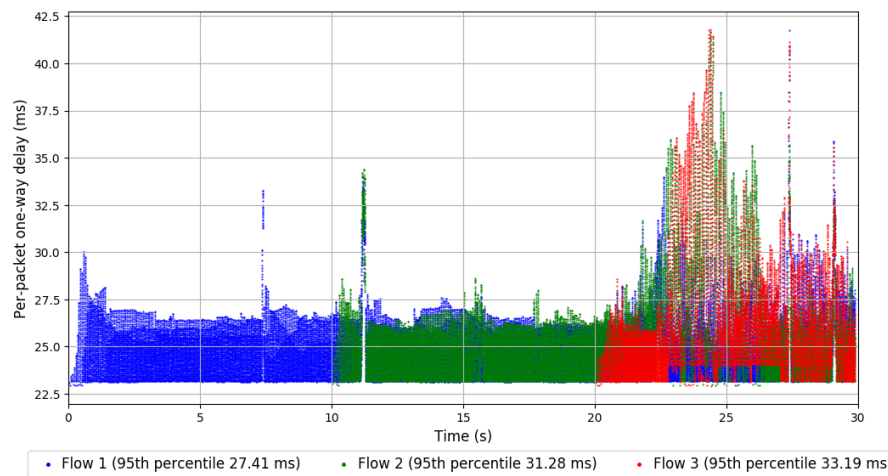
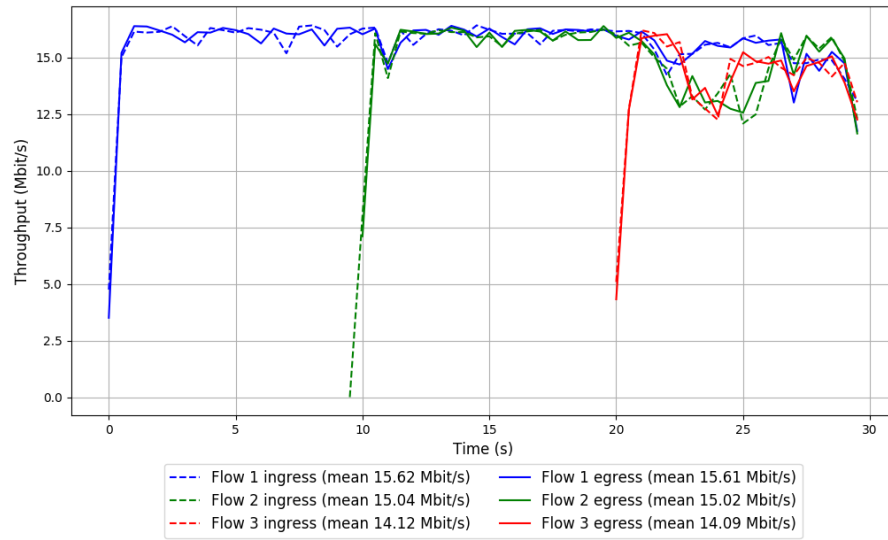


Run 6: Statistics of Sprout

Start at: 2018-03-06 14:04:27
End at: 2018-03-06 14:04:57
Local clock offset: 0.921 ms
Remote clock offset: -1.601 ms

Below is generated by plot.py at 2018-03-06 20:30:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.24 Mbit/s
95th percentile per-packet one-way delay: 29.723 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 27.406 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 31.282 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 14.09 Mbit/s
95th percentile per-packet one-way delay: 33.190 ms
Loss rate: 0.82%

Run 6: Report of Sprout — Data Link

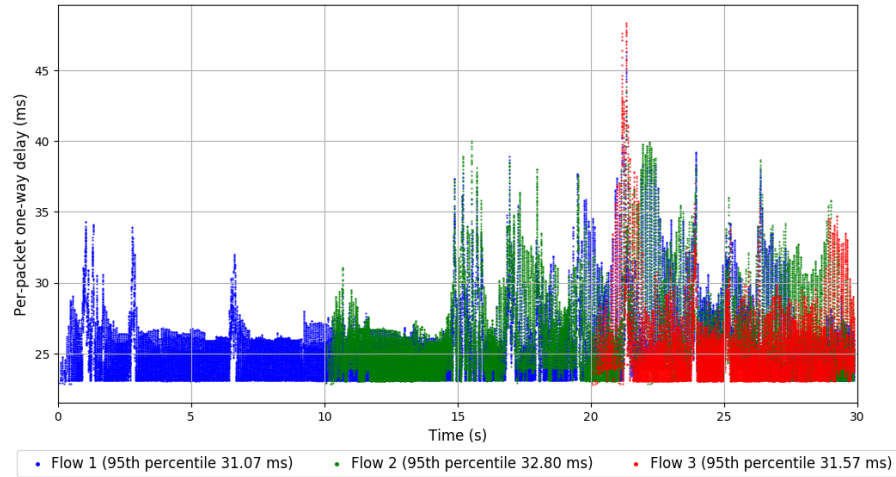
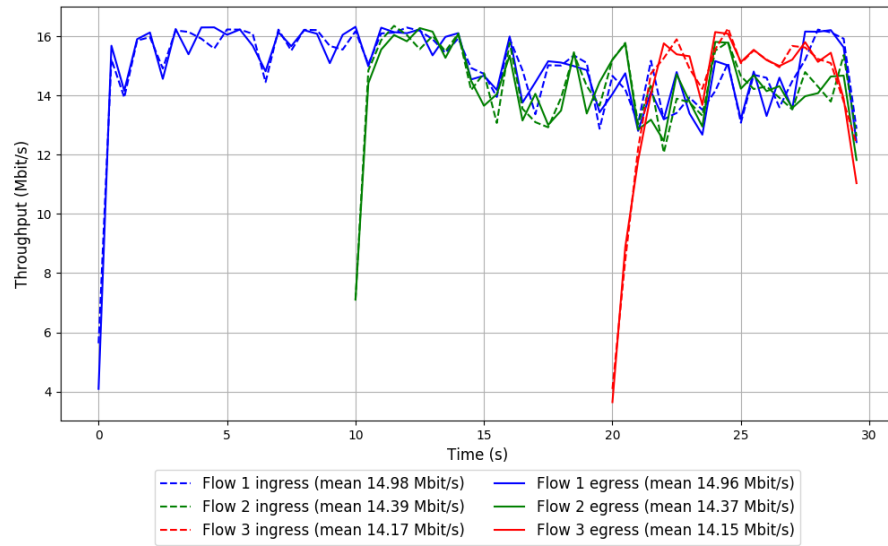


Run 7: Statistics of Sprout

Start at: 2018-03-06 14:29:15
End at: 2018-03-06 14:29:45
Local clock offset: 0.96 ms
Remote clock offset: -0.255 ms

```
# Below is generated by plot.py at 2018-03-06 20:30:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.17 Mbit/s
95th percentile per-packet one-way delay: 31.812 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 14.96 Mbit/s
95th percentile per-packet one-way delay: 31.068 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 14.37 Mbit/s
95th percentile per-packet one-way delay: 32.803 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 14.15 Mbit/s
95th percentile per-packet one-way delay: 31.572 ms
Loss rate: 0.71%
```


Run 7: Report of Sprout — Data Link

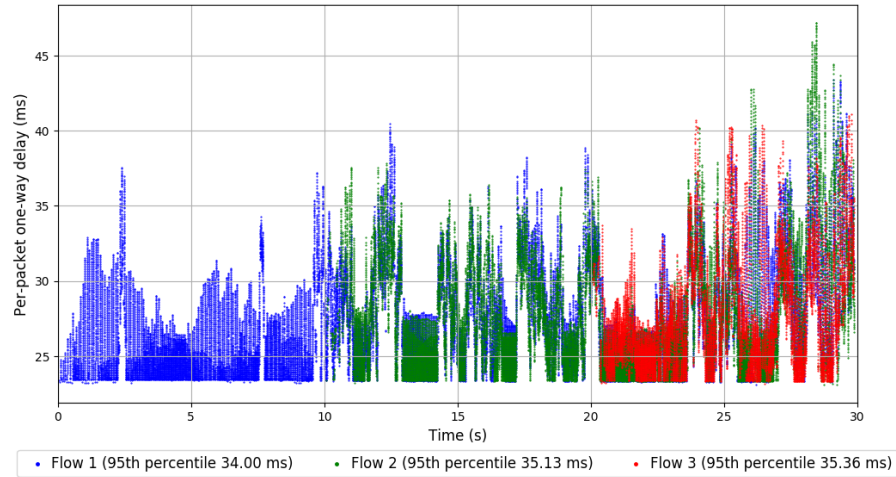
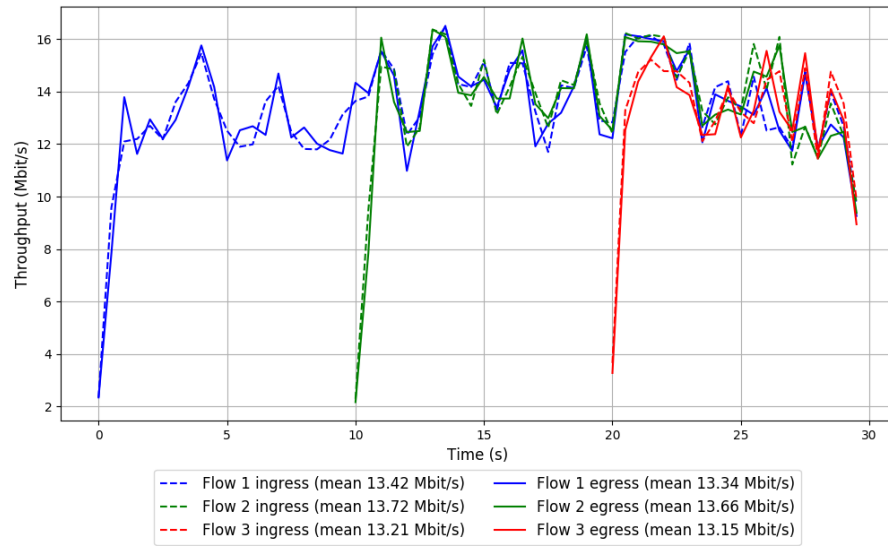


Run 8: Statistics of Sprout

Start at: 2018-03-06 14:55:38
End at: 2018-03-06 14:56:08
Local clock offset: 0.951 ms
Remote clock offset: -3.679 ms

```
# Below is generated by plot.py at 2018-03-06 20:30:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 26.75 Mbit/s
95th percentile per-packet one-way delay: 34.625 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 34.001 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 13.66 Mbit/s
95th percentile per-packet one-way delay: 35.130 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 35.364 ms
Loss rate: 1.18%
```

Run 8: Report of Sprout — Data Link

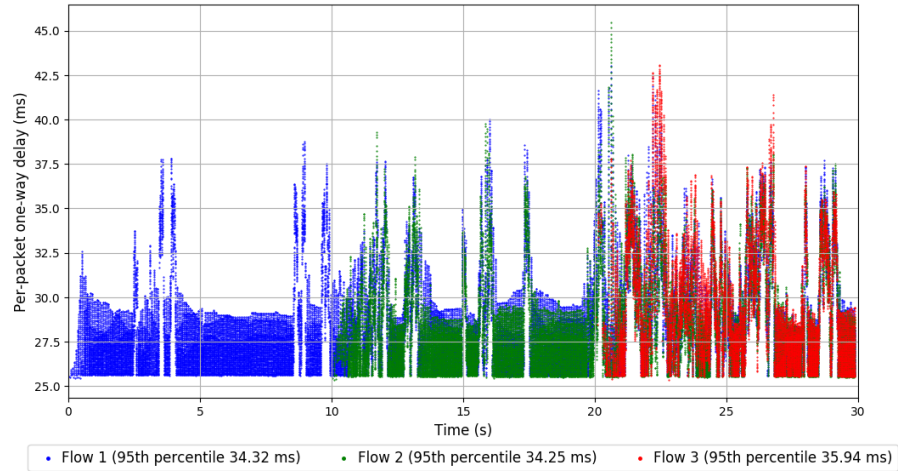
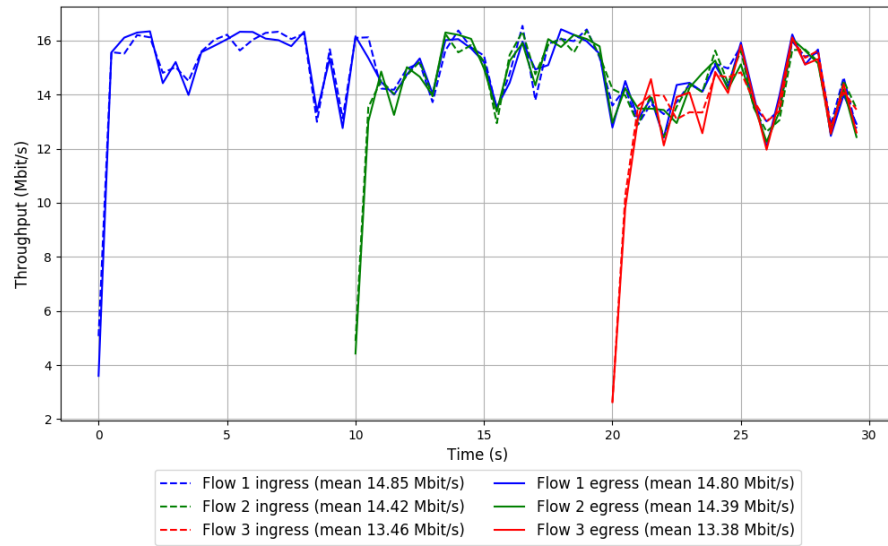


Run 9: Statistics of Sprout

Start at: 2018-03-06 15:21:22
End at: 2018-03-06 15:21:52
Local clock offset: 0.761 ms
Remote clock offset: -11.556 ms

Below is generated by plot.py at 2018-03-06 20:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.76 Mbit/s
95th percentile per-packet one-way delay: 34.593 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 14.80 Mbit/s
95th percentile per-packet one-way delay: 34.317 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 14.39 Mbit/s
95th percentile per-packet one-way delay: 34.254 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 35.944 ms
Loss rate: 1.00%

Run 9: Report of Sprout — Data Link

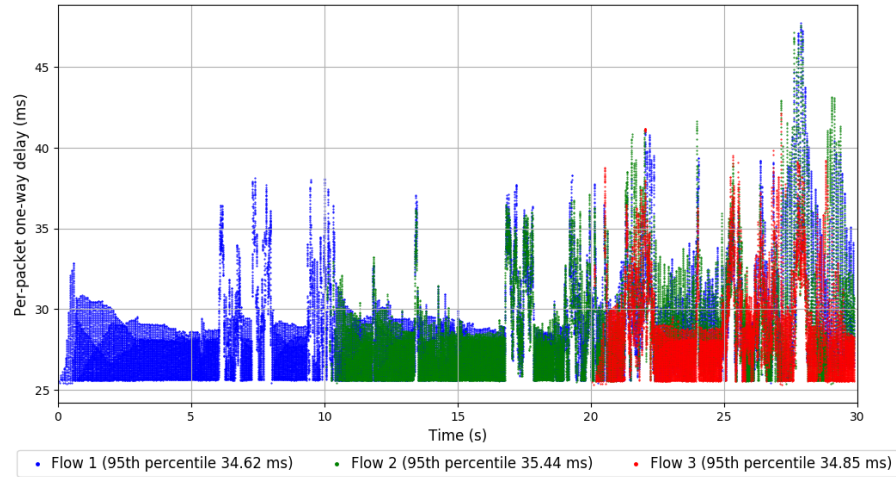
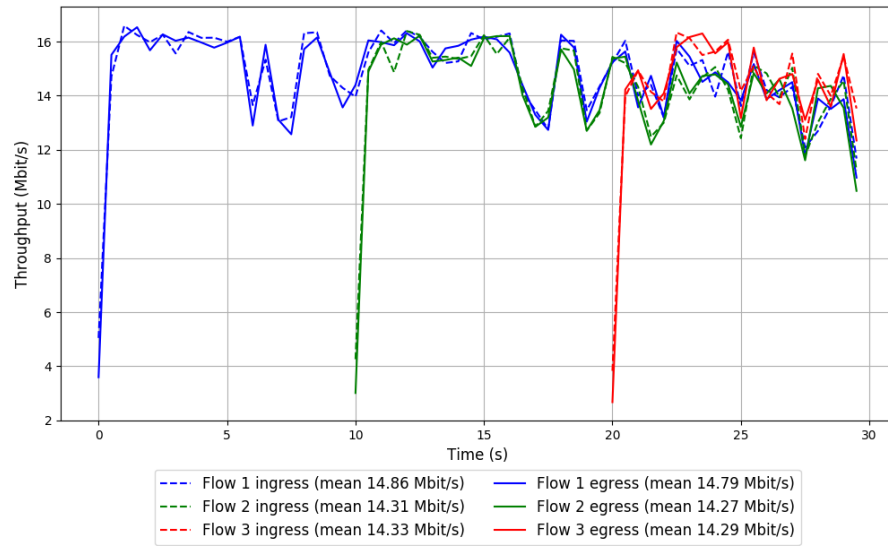


Run 10: Statistics of Sprout

Start at: 2018-03-06 15:46:43
End at: 2018-03-06 15:47:13
Local clock offset: 0.766 ms
Remote clock offset: -13.724 ms

Below is generated by plot.py at 2018-03-06 20:30:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.97 Mbit/s
95th percentile per-packet one-way delay: 34.946 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 14.79 Mbit/s
95th percentile per-packet one-way delay: 34.622 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 35.444 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 14.29 Mbit/s
95th percentile per-packet one-way delay: 34.849 ms
Loss rate: 0.89%

Run 10: Report of Sprout — Data Link

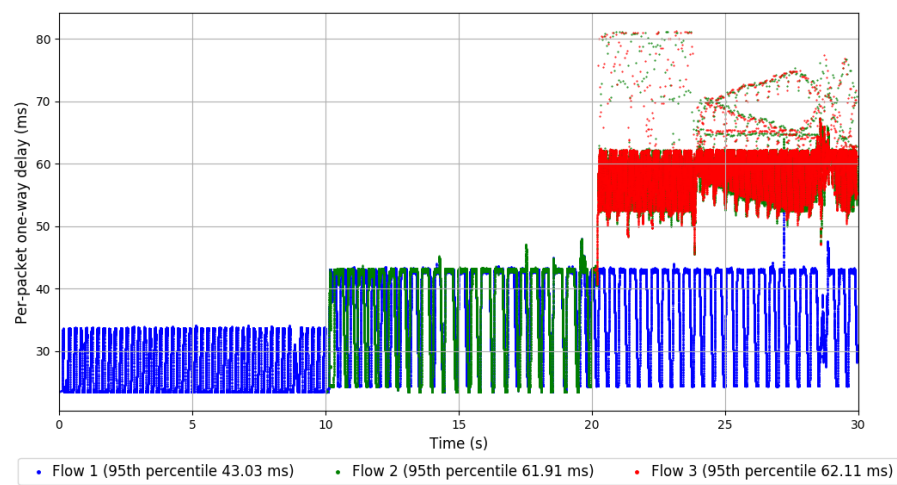
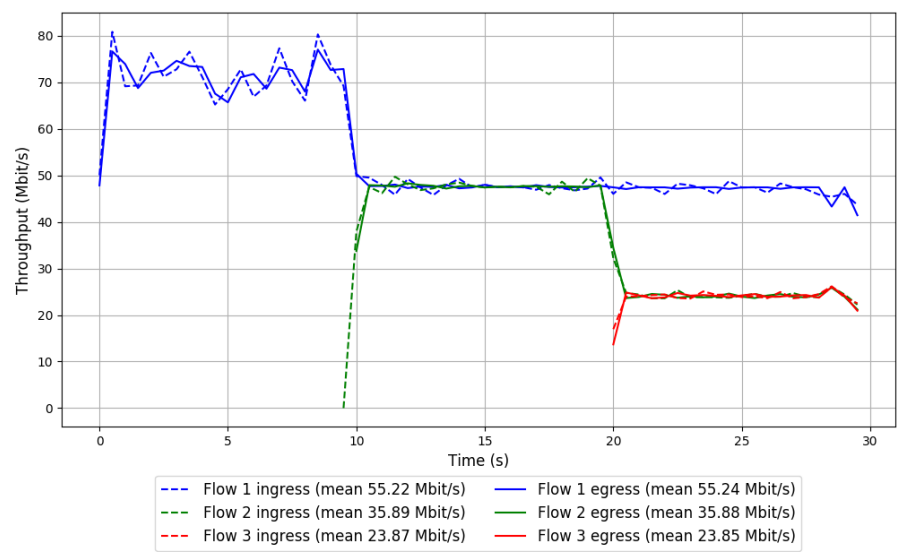


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-06 11:46:17
End at: 2018-03-06 11:46:47
Local clock offset: 0.734 ms
Remote clock offset: -0.908 ms

# Below is generated by plot.py at 2018-03-06 20:32:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 61.296 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 55.24 Mbit/s
95th percentile per-packet one-way delay: 43.029 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 35.88 Mbit/s
95th percentile per-packet one-way delay: 61.906 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 23.85 Mbit/s
95th percentile per-packet one-way delay: 62.109 ms
Loss rate: 0.91%
```


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

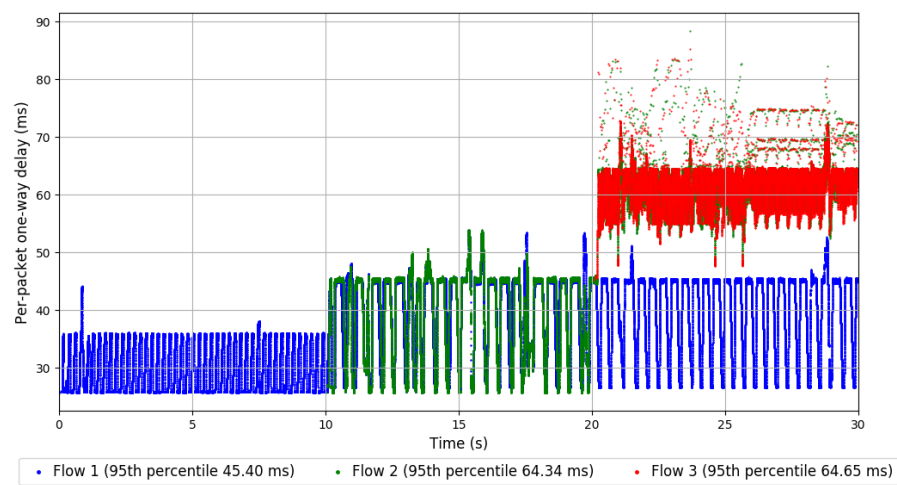
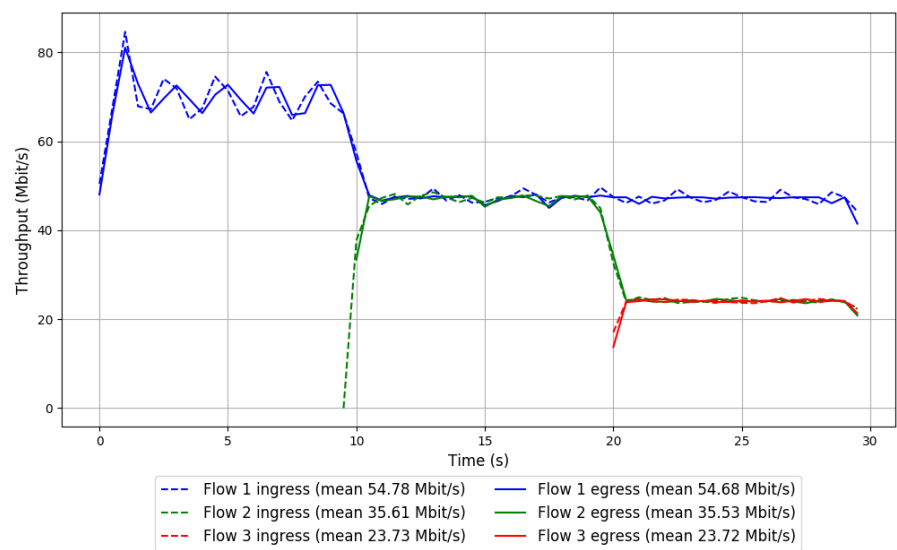


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-06 12:10:48
End at: 2018-03-06 12:11:18
Local clock offset: 0.851 ms
Remote clock offset: -2.919 ms

Below is generated by plot.py at 2018-03-06 20:32:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 63.926 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 54.68 Mbit/s
95th percentile per-packet one-way delay: 45.395 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: 64.340 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 64.653 ms
Loss rate: 0.96%

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

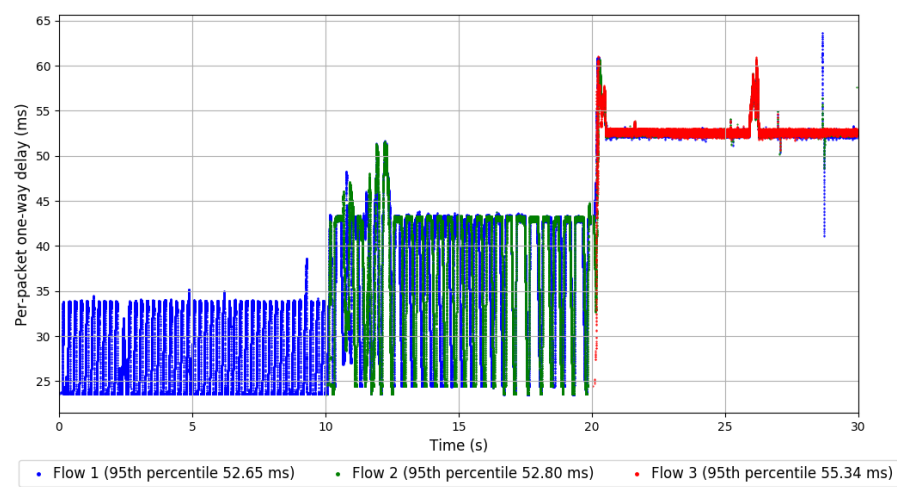
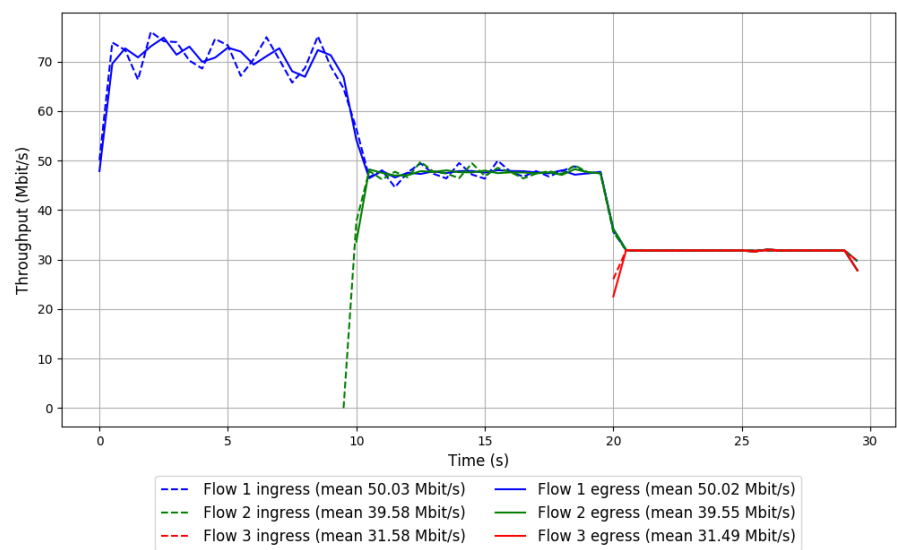


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-06 12:35:30
End at: 2018-03-06 12:36:00
Local clock offset: 0.947 ms
Remote clock offset: -0.703 ms

Below is generated by plot.py at 2018-03-06 20:32:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 52.838 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 50.02 Mbit/s
95th percentile per-packet one-way delay: 52.653 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 52.796 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 55.336 ms
Loss rate: 0.85%

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

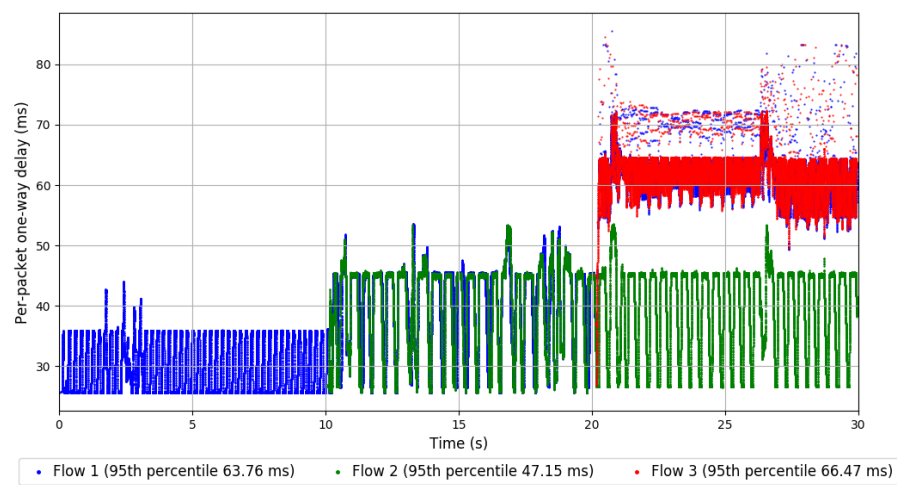
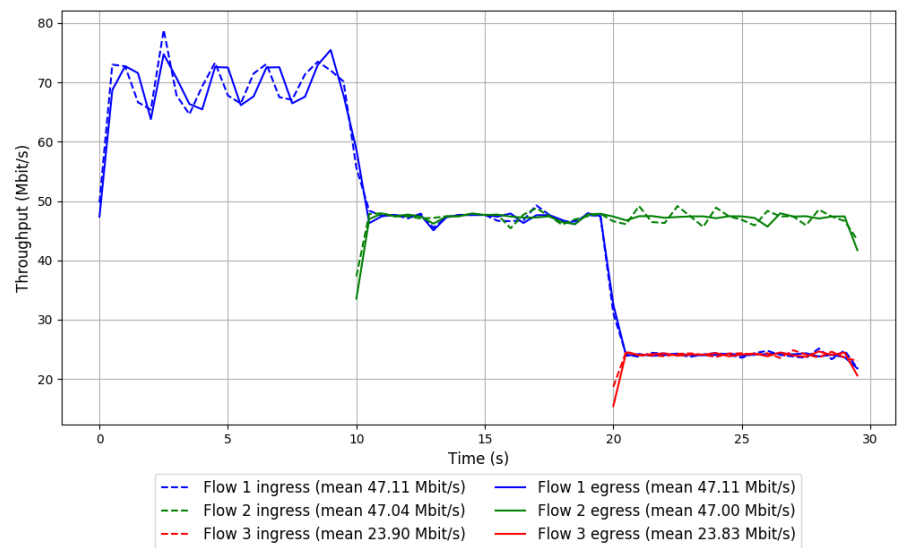


Run 4: Statistics of TaoVA-100x

Start at: 2018-03-06 13:00:02
End at: 2018-03-06 13:00:32
Local clock offset: 1.135 ms
Remote clock offset: -3.791 ms

Below is generated by plot.py at 2018-03-06 20:32:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.27 Mbit/s
95th percentile per-packet one-way delay: 63.964 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 47.11 Mbit/s
95th percentile per-packet one-way delay: 63.762 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 47.00 Mbit/s
95th percentile per-packet one-way delay: 47.147 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 23.83 Mbit/s
95th percentile per-packet one-way delay: 66.468 ms
Loss rate: 1.04%

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

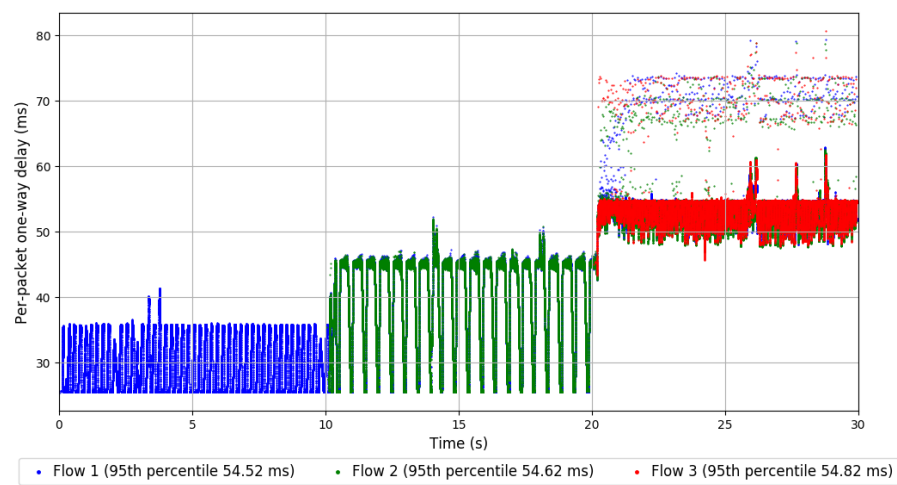
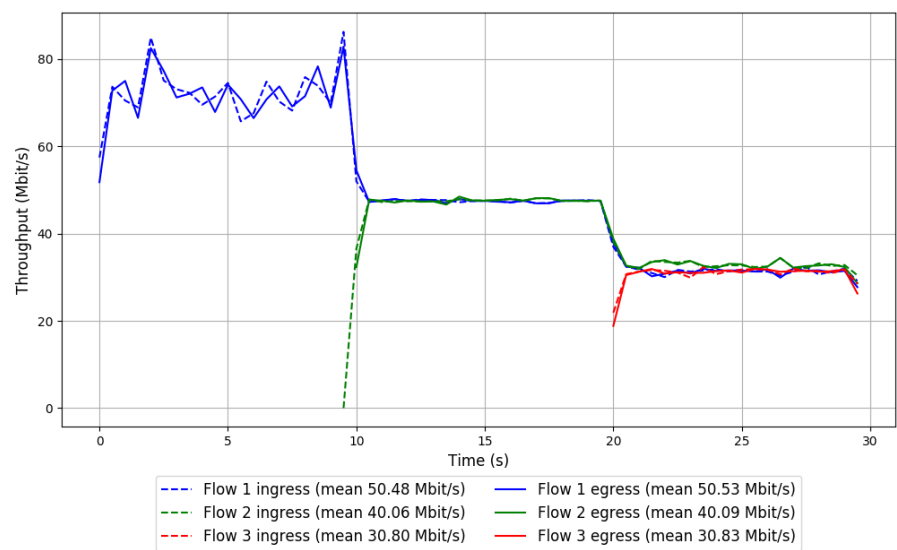


Run 5: Statistics of TaoVA-100x

Start at: 2018-03-06 13:24:37
End at: 2018-03-06 13:25:07
Local clock offset: 0.968 ms
Remote clock offset: -3.155 ms

Below is generated by plot.py at 2018-03-06 20:32:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.36 Mbit/s
95th percentile per-packet one-way delay: 54.624 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 50.53 Mbit/s
95th percentile per-packet one-way delay: 54.518 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 54.620 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 54.817 ms
Loss rate: 0.88%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-06 13:49:17

End at: 2018-03-06 13:49:47

Local clock offset: 0.909 ms

Remote clock offset: -3.83 ms

Below is generated by plot.py at 2018-03-06 20:33:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.90 Mbit/s

95th percentile per-packet one-way delay: 57.511 ms

Loss rate: 0.50%

-- Flow 1:

Average throughput: 50.31 Mbit/s

95th percentile per-packet one-way delay: 54.775 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 39.33 Mbit/s

95th percentile per-packet one-way delay: 58.101 ms

Loss rate: 0.54%

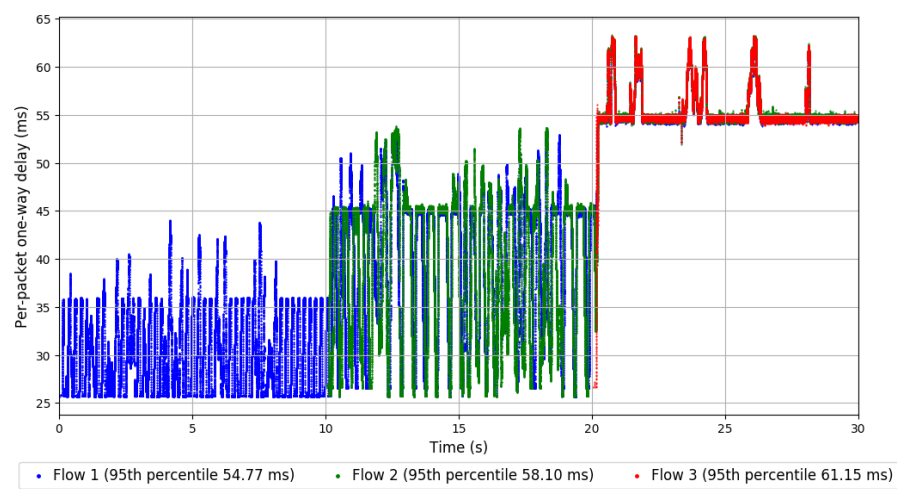
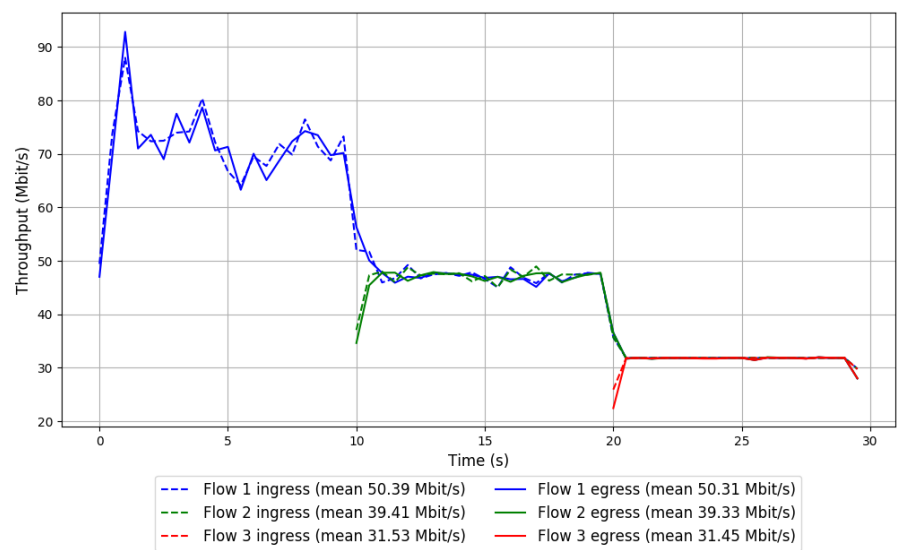
-- Flow 3:

Average throughput: 31.45 Mbit/s

95th percentile per-packet one-way delay: 61.146 ms

Loss rate: 0.95%

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

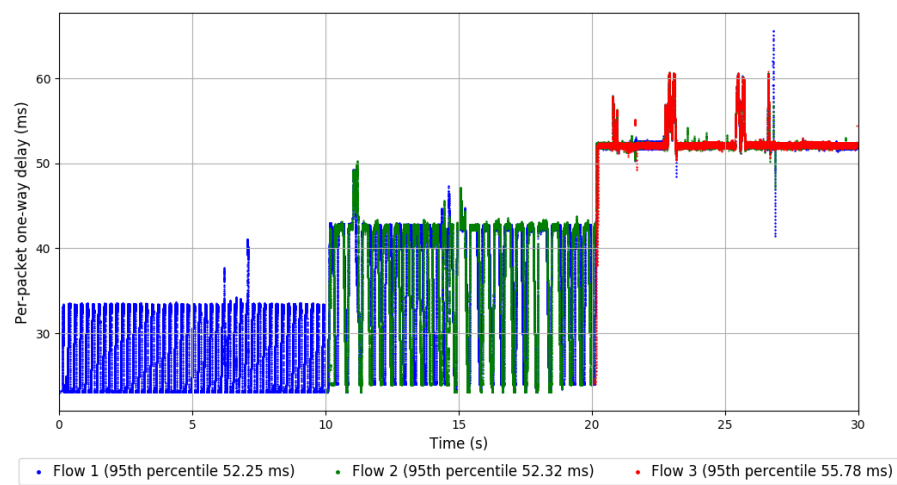
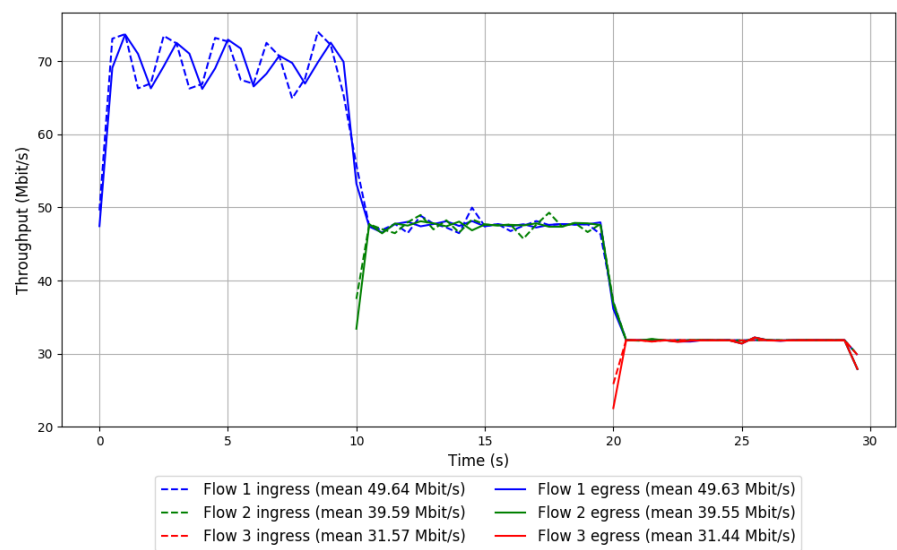


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-06 14:14:00
End at: 2018-03-06 14:14:30
Local clock offset: 0.939 ms
Remote clock offset: -1.644 ms

Below is generated by plot.py at 2018-03-06 20:33:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.36 Mbit/s
95th percentile per-packet one-way delay: 52.356 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 49.63 Mbit/s
95th percentile per-packet one-way delay: 52.249 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 39.55 Mbit/s
95th percentile per-packet one-way delay: 52.318 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 55.777 ms
Loss rate: 0.90%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-06 14:38:59

End at: 2018-03-06 14:39:29

Local clock offset: 0.918 ms

Remote clock offset: 0.076 ms

Below is generated by plot.py at 2018-03-06 20:33:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.71 Mbit/s

95th percentile per-packet one-way delay: 63.011 ms

Loss rate: 0.84%

-- Flow 1:

Average throughput: 59.28 Mbit/s

95th percentile per-packet one-way delay: 47.010 ms

Loss rate: 0.64%

-- Flow 2:

Average throughput: 35.38 Mbit/s

95th percentile per-packet one-way delay: 64.525 ms

Loss rate: 0.96%

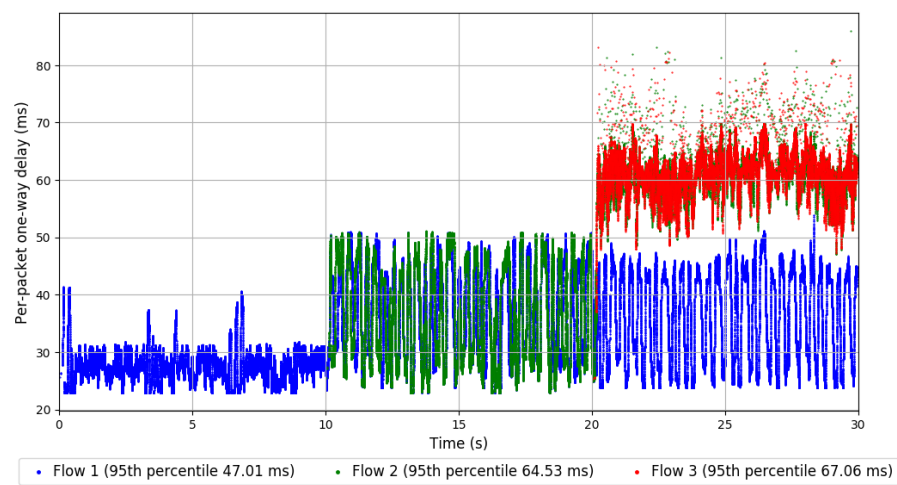
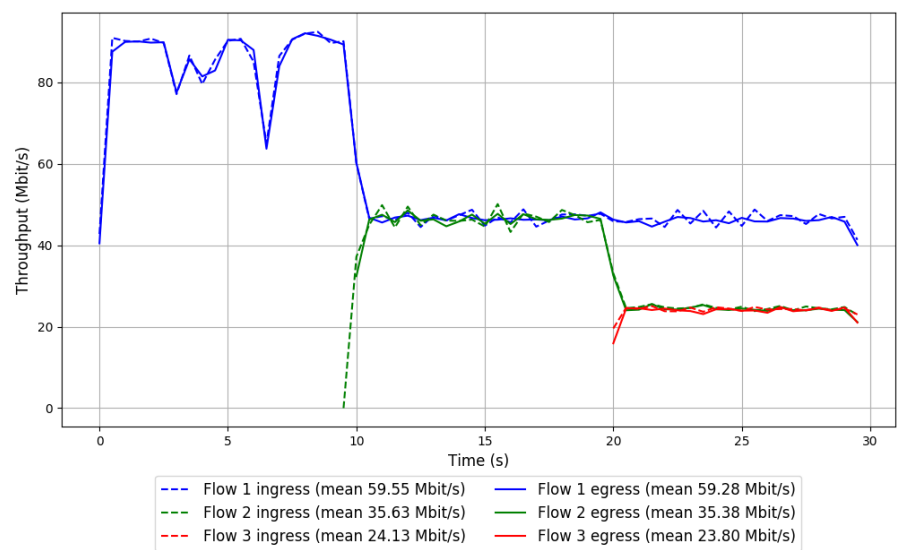
-- Flow 3:

Average throughput: 23.80 Mbit/s

95th percentile per-packet one-way delay: 67.061 ms

Loss rate: 1.94%

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

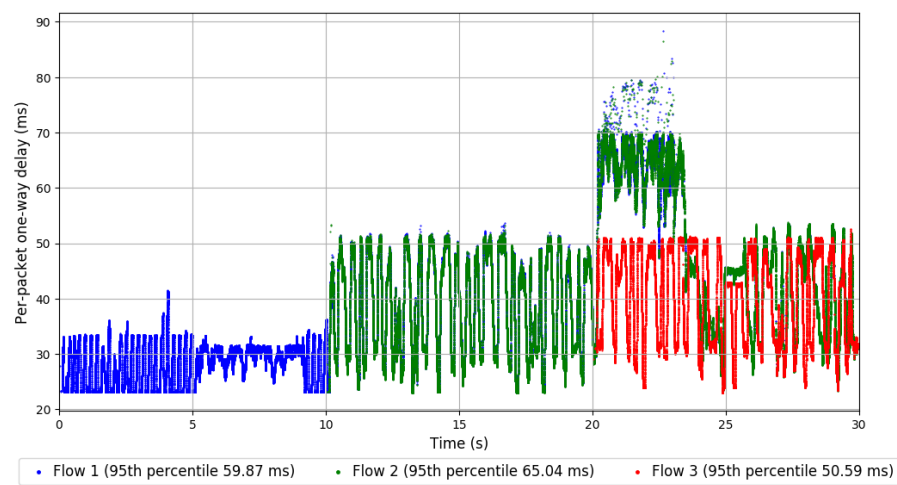
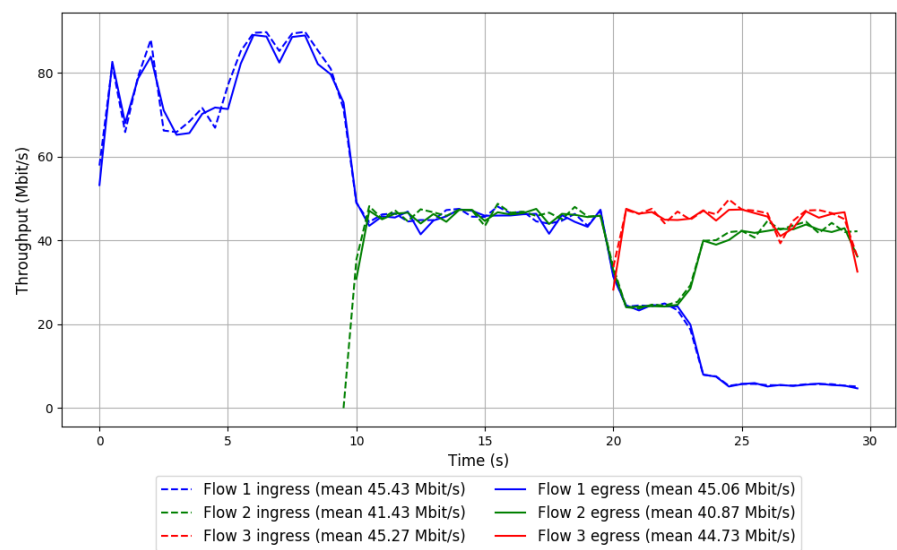


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-06 15:05:38
End at: 2018-03-06 15:06:08
Local clock offset: 0.95 ms
Remote clock offset: -6.335 ms

Below is generated by plot.py at 2018-03-06 20:35:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 60.728 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 45.06 Mbit/s
95th percentile per-packet one-way delay: 59.869 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 40.87 Mbit/s
95th percentile per-packet one-way delay: 65.044 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 50.588 ms
Loss rate: 1.78%

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

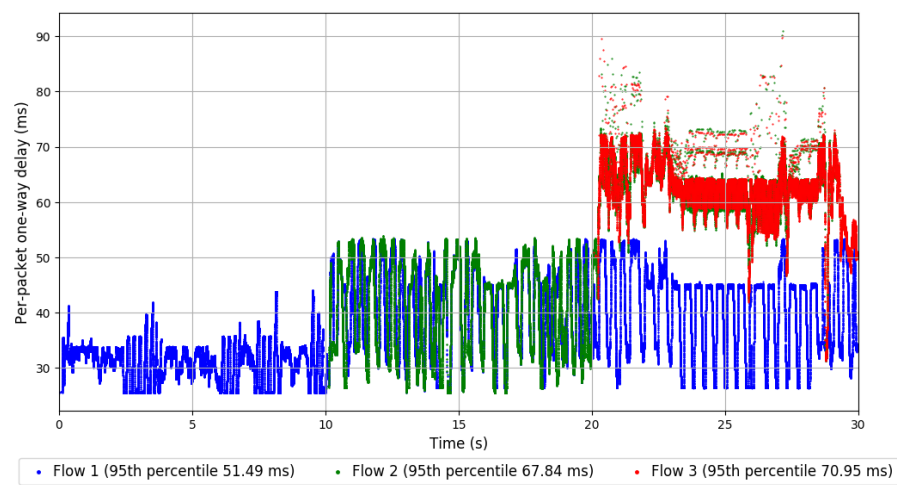
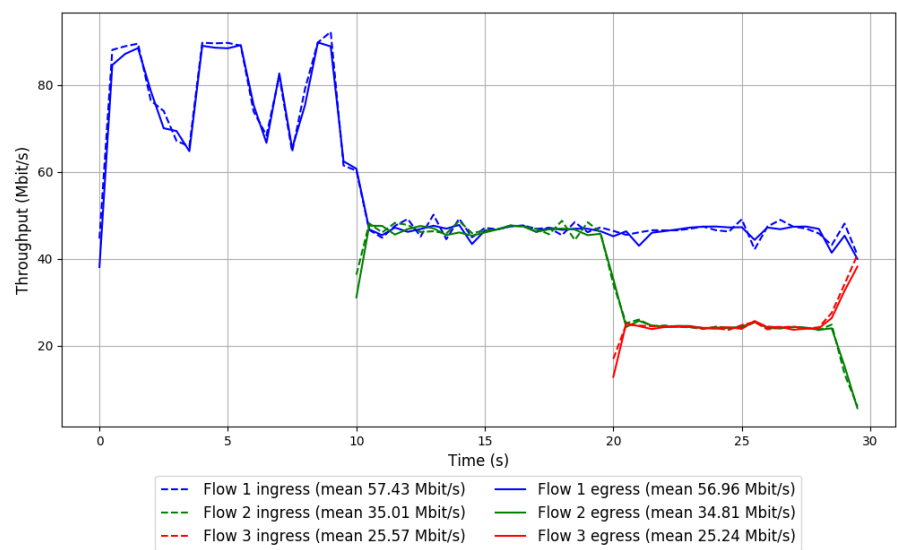


Run 10: Statistics of TaoVA-100x

Start at: 2018-03-06 15:31:10
End at: 2018-03-06 15:31:40
Local clock offset: 0.709 ms
Remote clock offset: -12.651 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.46 Mbit/s
95th percentile per-packet one-way delay: 64.243 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 56.96 Mbit/s
95th percentile per-packet one-way delay: 51.493 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 67.839 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 70.950 ms
Loss rate: 2.07%

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

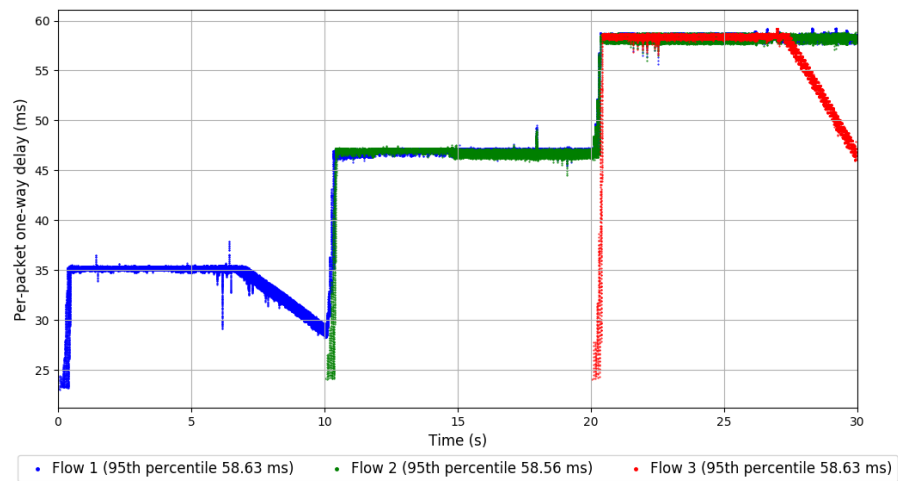
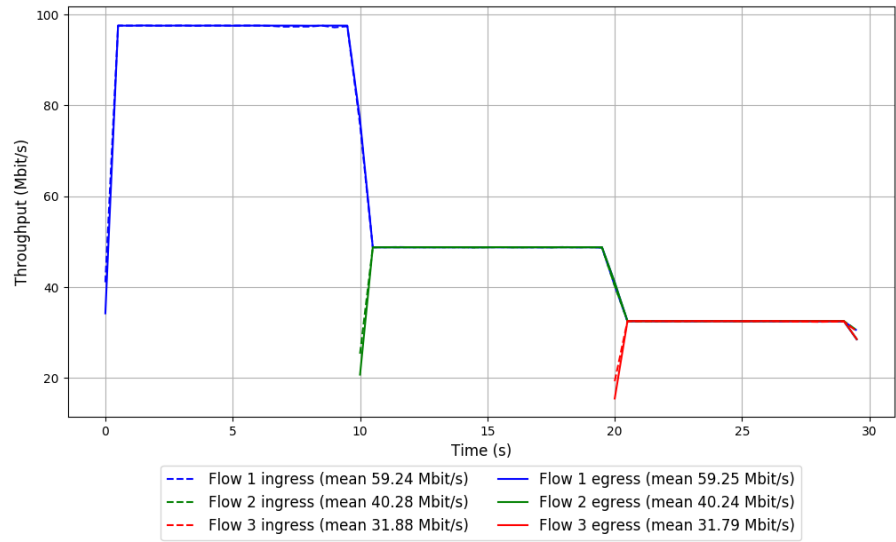


Run 1: Statistics of TCP Vegas

Start at: 2018-03-06 11:44:55
End at: 2018-03-06 11:45:25
Local clock offset: 0.807 ms
Remote clock offset: -0.605 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 58.612 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 58.629 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.24 Mbit/s
95th percentile per-packet one-way delay: 58.561 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 58.628 ms
Loss rate: 0.77%

Run 1: Report of TCP Vegas — Data Link

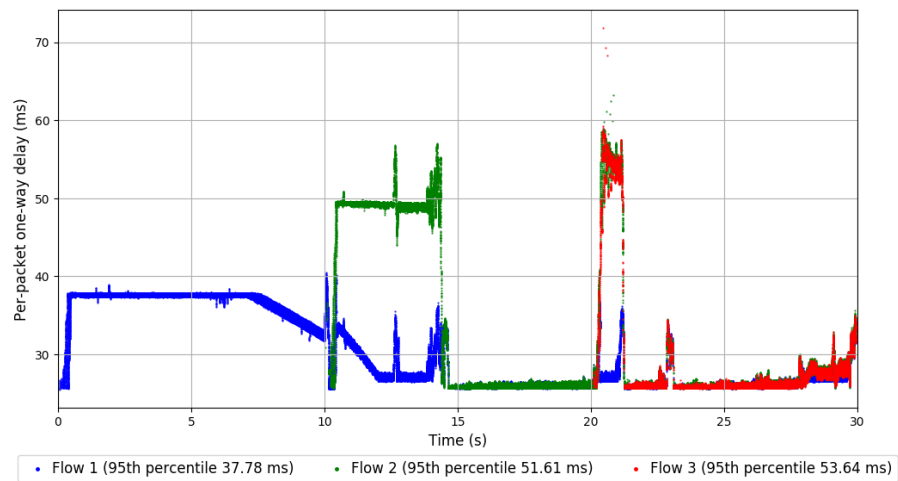
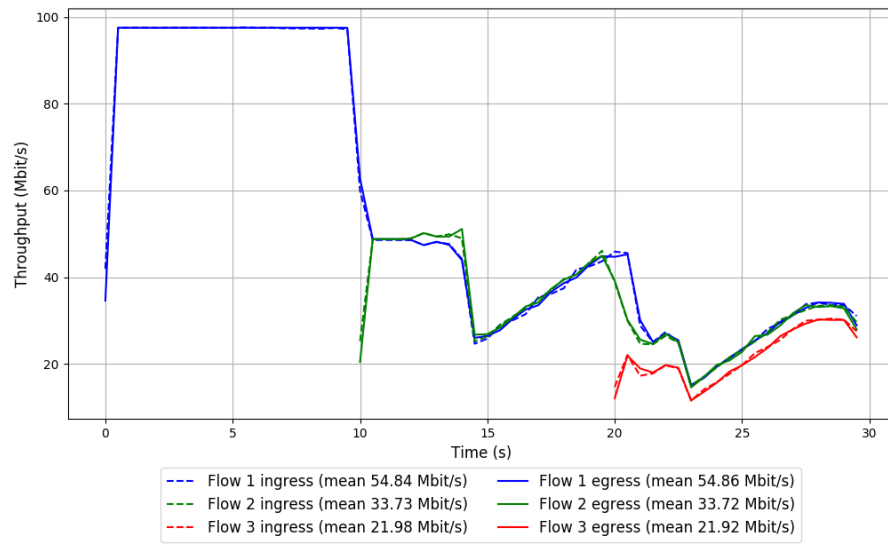


Run 2: Statistics of TCP Vegas

Start at: 2018-03-06 12:09:27
End at: 2018-03-06 12:09:57
Local clock offset: 0.844 ms
Remote clock offset: -2.817 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.54 Mbit/s
95th percentile per-packet one-way delay: 49.304 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 54.86 Mbit/s
95th percentile per-packet one-way delay: 37.779 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 33.72 Mbit/s
95th percentile per-packet one-way delay: 51.606 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 21.92 Mbit/s
95th percentile per-packet one-way delay: 53.640 ms
Loss rate: 0.80%

Run 2: Report of TCP Vegas — Data Link

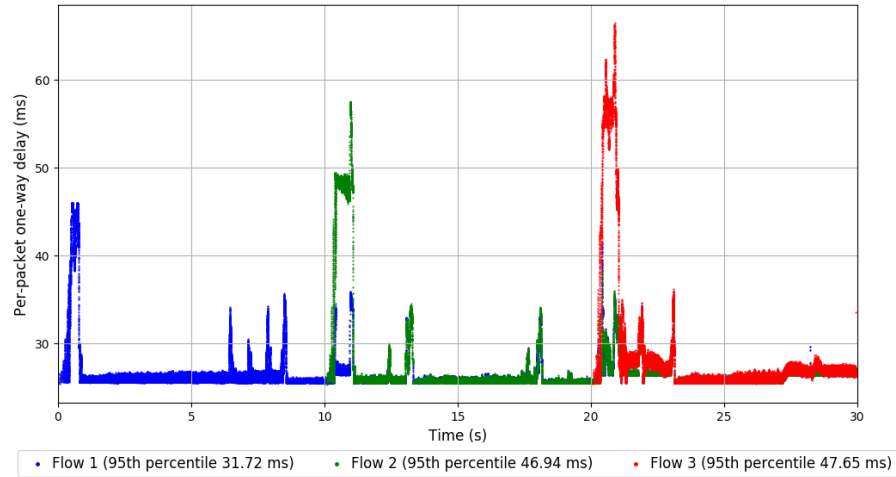
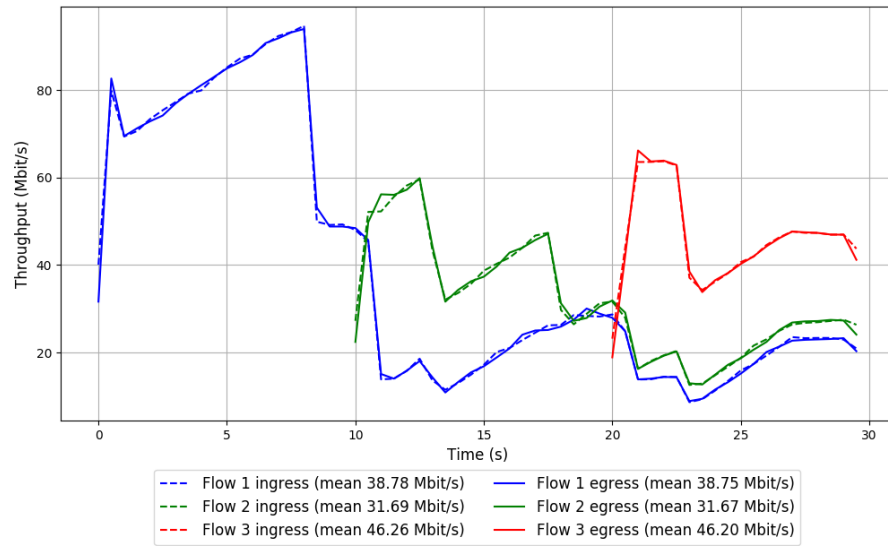


Run 3: Statistics of TCP Vegas

Start at: 2018-03-06 12:34:08
End at: 2018-03-06 12:34:38
Local clock offset: 0.921 ms
Remote clock offset: -2.454 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.11 Mbit/s
95th percentile per-packet one-way delay: 34.117 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 31.720 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 46.939 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 47.654 ms
Loss rate: 0.57%

Run 3: Report of TCP Vegas — Data Link

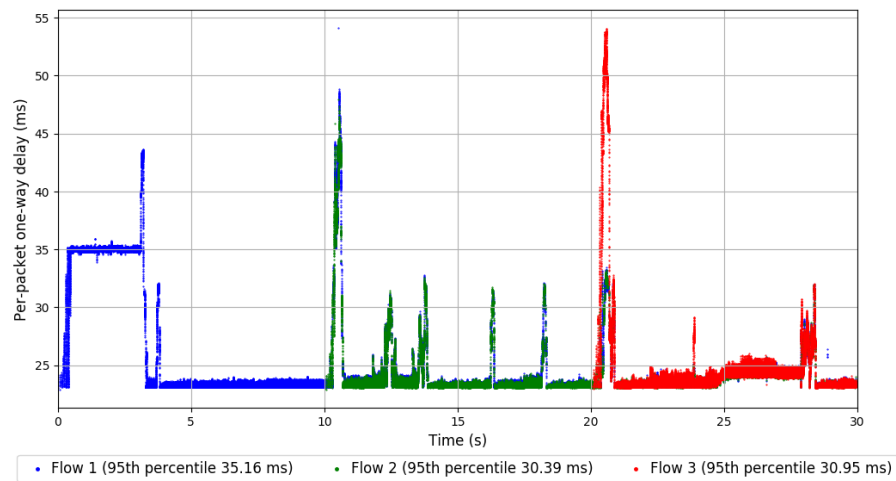
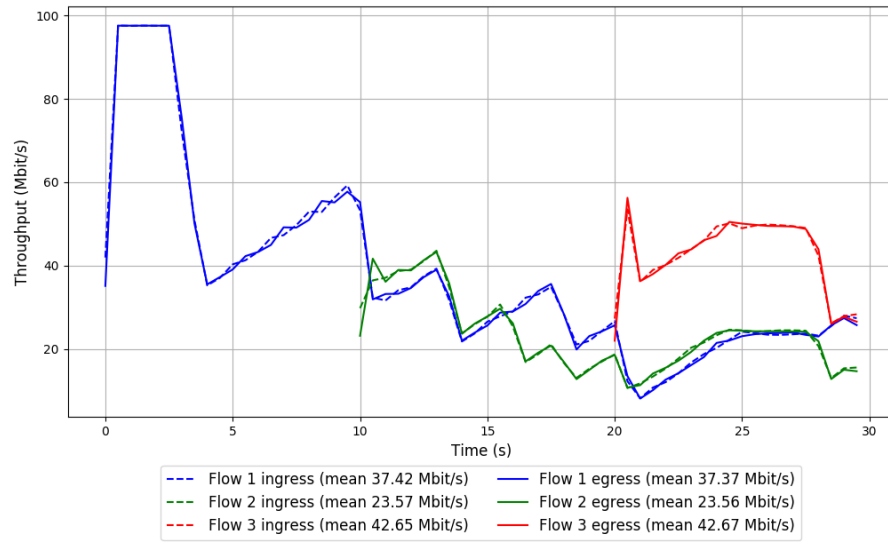


Run 4: Statistics of TCP Vegas

Start at: 2018-03-06 12:58:42
End at: 2018-03-06 12:59:12
Local clock offset: 1.121 ms
Remote clock offset: -1.276 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.16 Mbit/s
95th percentile per-packet one-way delay: 35.145 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 35.158 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 23.56 Mbit/s
95th percentile per-packet one-way delay: 30.389 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 42.67 Mbit/s
95th percentile per-packet one-way delay: 30.949 ms
Loss rate: 0.50%

Run 4: Report of TCP Vegas — Data Link

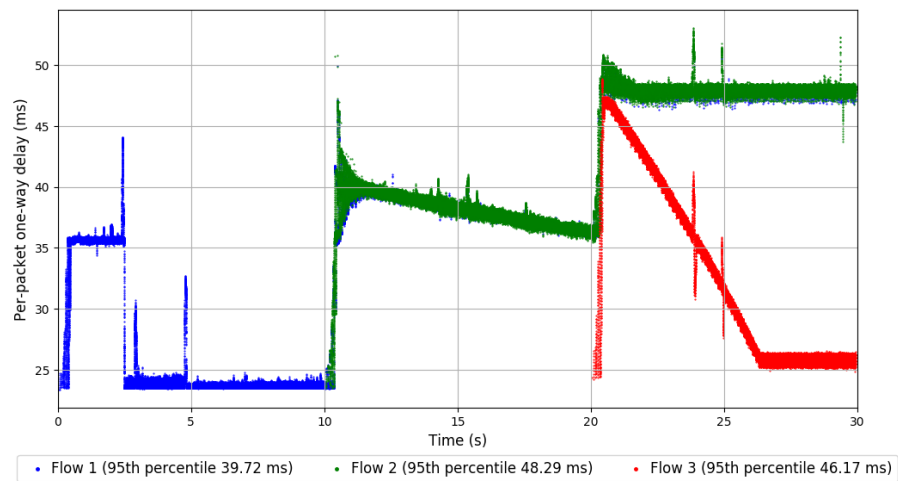
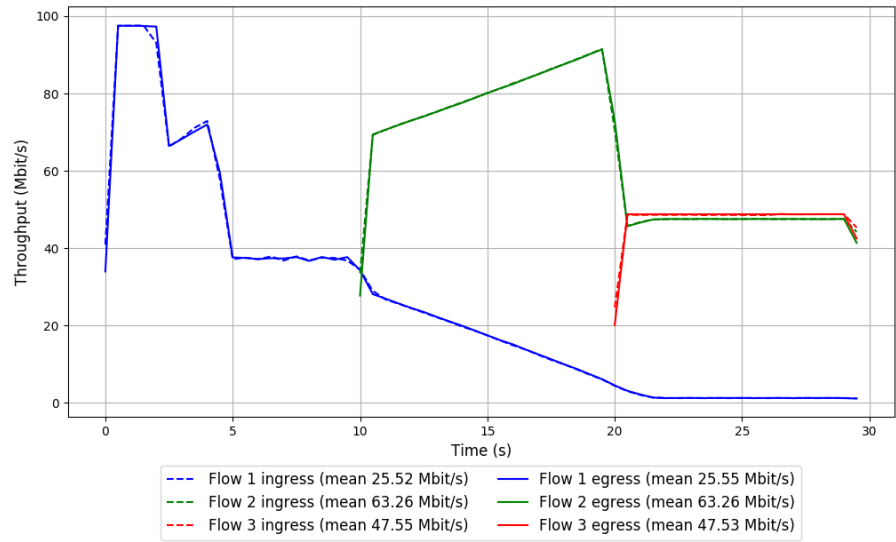


Run 5: Statistics of TCP Vegas

Start at: 2018-03-06 13:23:16
End at: 2018-03-06 13:23:46
Local clock offset: 0.899 ms
Remote clock offset: -1.162 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.36 Mbit/s
95th percentile per-packet one-way delay: 48.050 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 25.55 Mbit/s
95th percentile per-packet one-way delay: 39.722 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: 48.289 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 47.53 Mbit/s
95th percentile per-packet one-way delay: 46.171 ms
Loss rate: 0.57%

Run 5: Report of TCP Vegas — Data Link

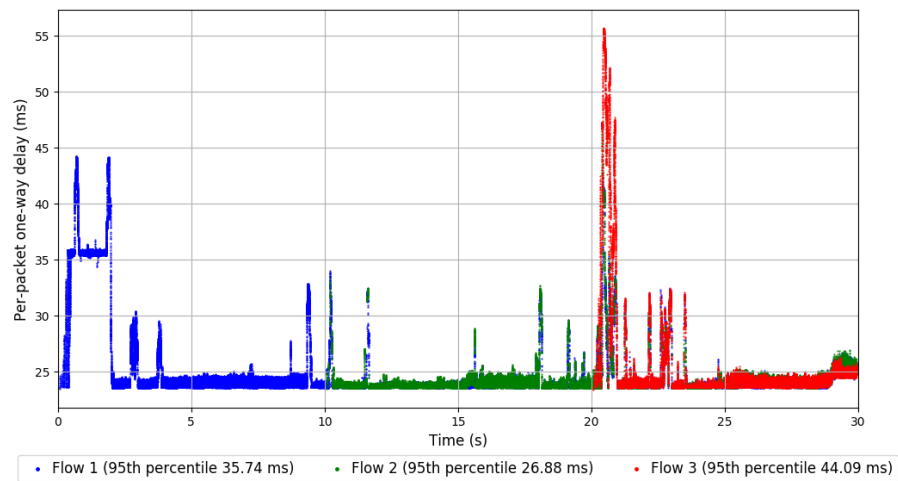
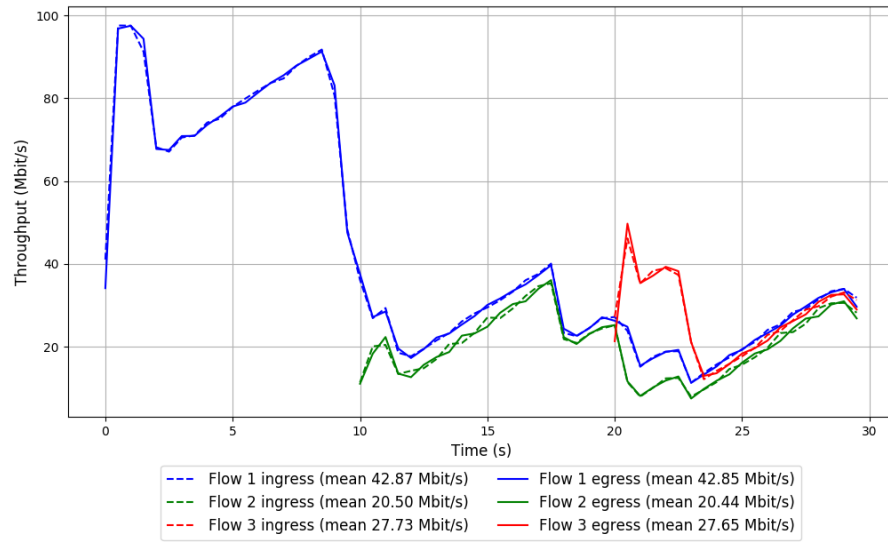


Run 6: Statistics of TCP Vegas

Start at: 2018-03-06 13:47:55
End at: 2018-03-06 13:48:25
Local clock offset: 0.911 ms
Remote clock offset: -1.587 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.60 Mbit/s
95th percentile per-packet one-way delay: 35.712 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 42.85 Mbit/s
95th percentile per-packet one-way delay: 35.743 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 20.44 Mbit/s
95th percentile per-packet one-way delay: 26.876 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 44.094 ms
Loss rate: 0.83%

Run 6: Report of TCP Vegas — Data Link

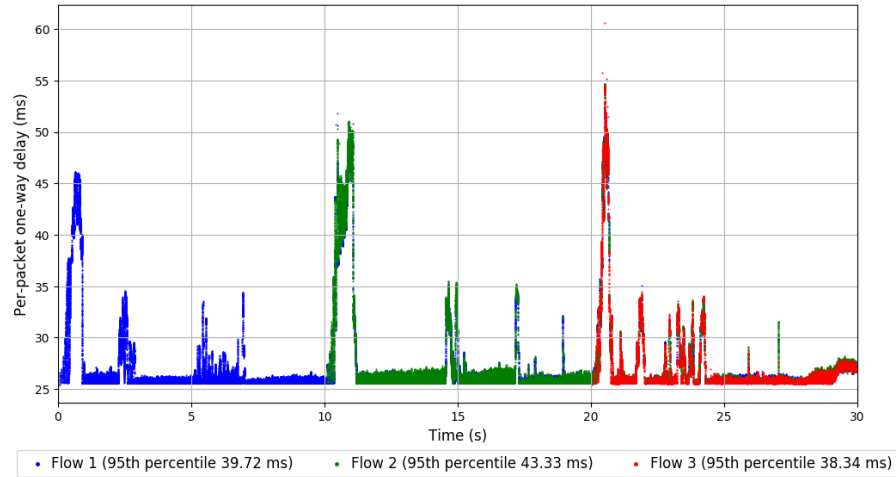
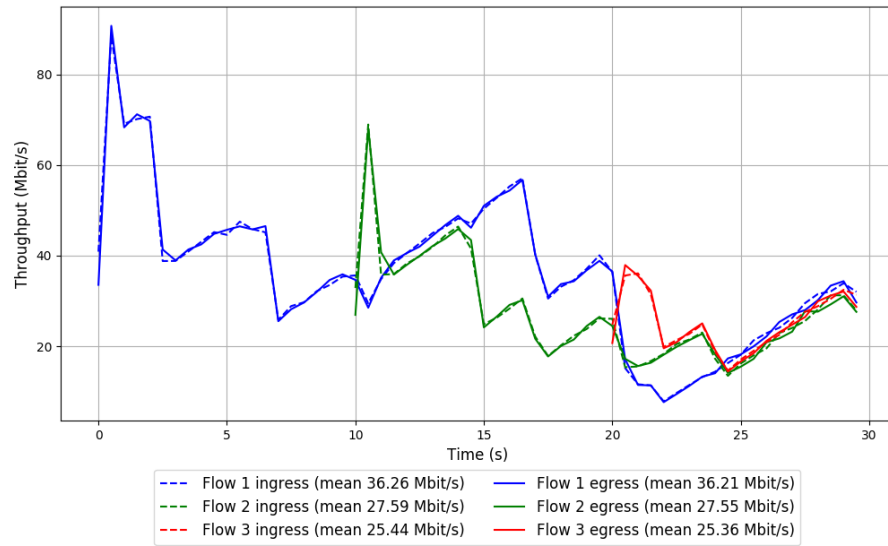


Run 7: Statistics of TCP Vegas

Start at: 2018-03-06 14:12:40
End at: 2018-03-06 14:13:10
Local clock offset: 0.851 ms
Remote clock offset: -4.256 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.92 Mbit/s
95th percentile per-packet one-way delay: 41.389 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 36.21 Mbit/s
95th percentile per-packet one-way delay: 39.724 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 27.55 Mbit/s
95th percentile per-packet one-way delay: 43.329 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 38.340 ms
Loss rate: 0.86%

Run 7: Report of TCP Vegas — Data Link

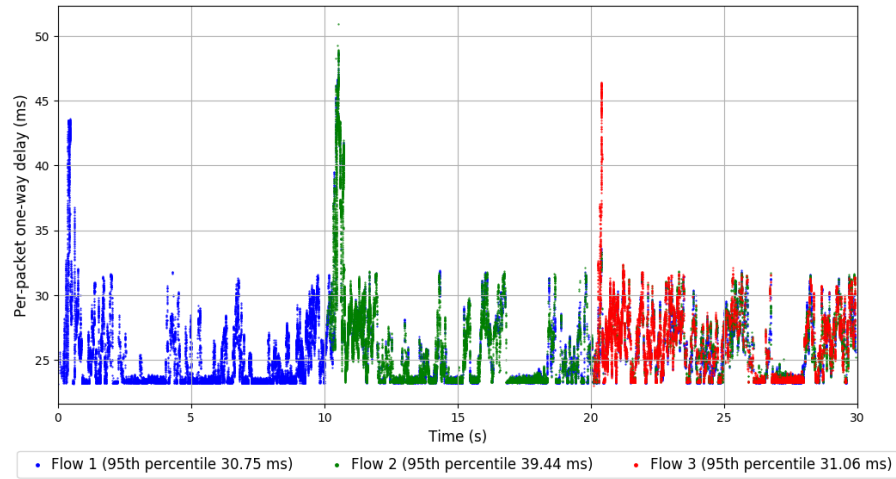
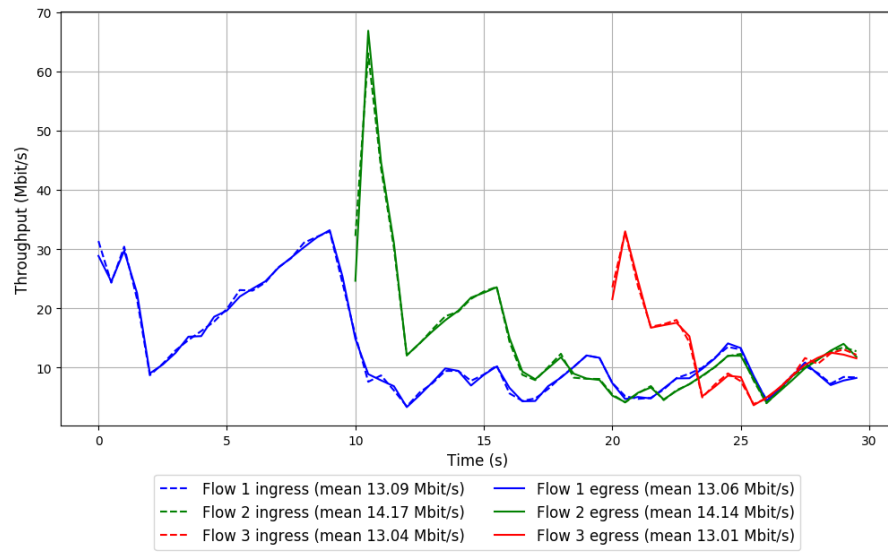


Run 8: Statistics of TCP Vegas

Start at: 2018-03-06 14:37:39
End at: 2018-03-06 14:38:09
Local clock offset: 0.993 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.77 Mbit/s
95th percentile per-packet one-way delay: 32.105 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 30.752 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 14.14 Mbit/s
95th percentile per-packet one-way delay: 39.436 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 31.059 ms
Loss rate: 0.77%

Run 8: Report of TCP Vegas — Data Link

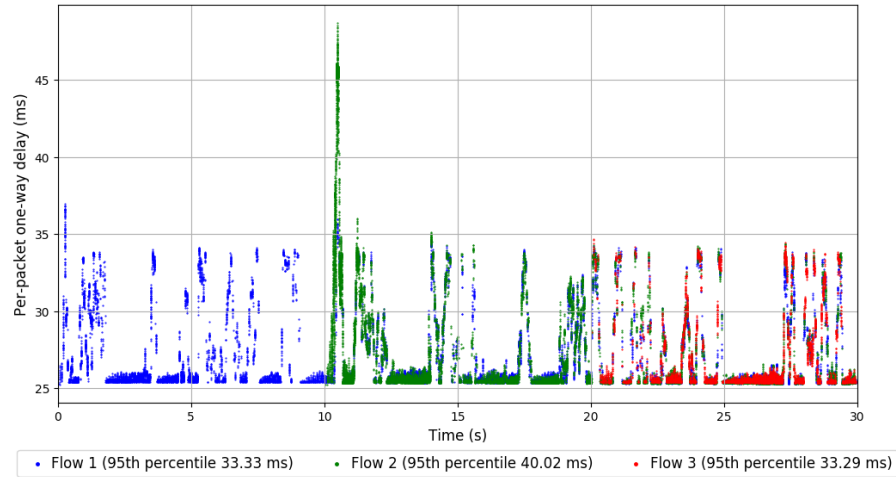
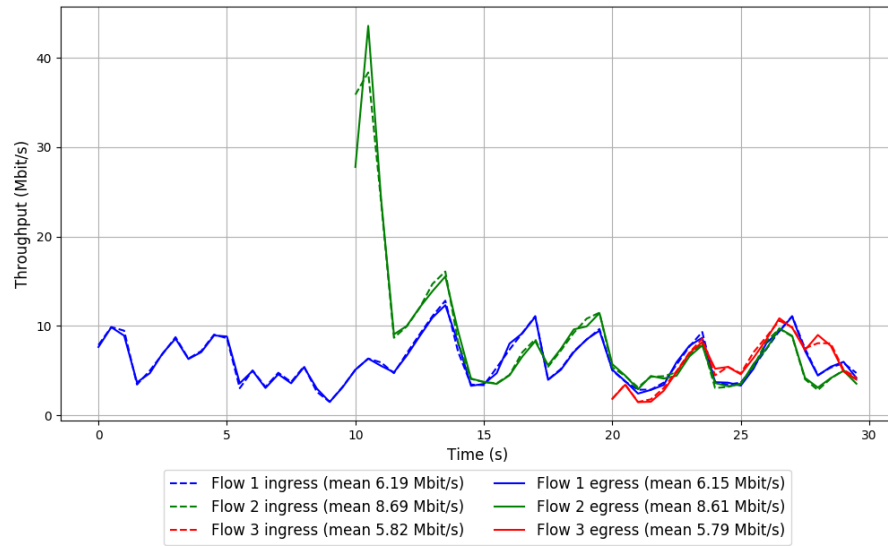


Run 9: Statistics of TCP Vegas

Start at: 2018-03-06 15:04:19
End at: 2018-03-06 15:04:49
Local clock offset: 0.869 ms
Remote clock offset: -8.328 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 33.683 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 33.332 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 8.61 Mbit/s
95th percentile per-packet one-way delay: 40.016 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 5.79 Mbit/s
95th percentile per-packet one-way delay: 33.287 ms
Loss rate: 1.12%

Run 9: Report of TCP Vegas — Data Link

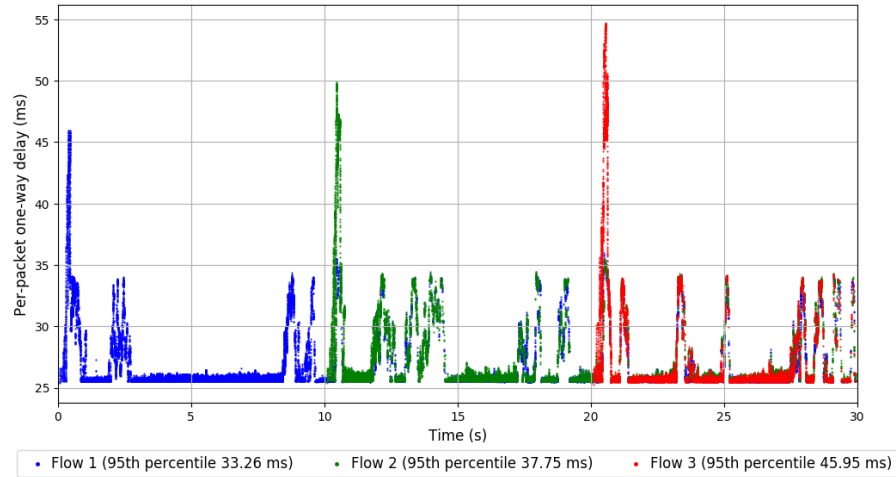
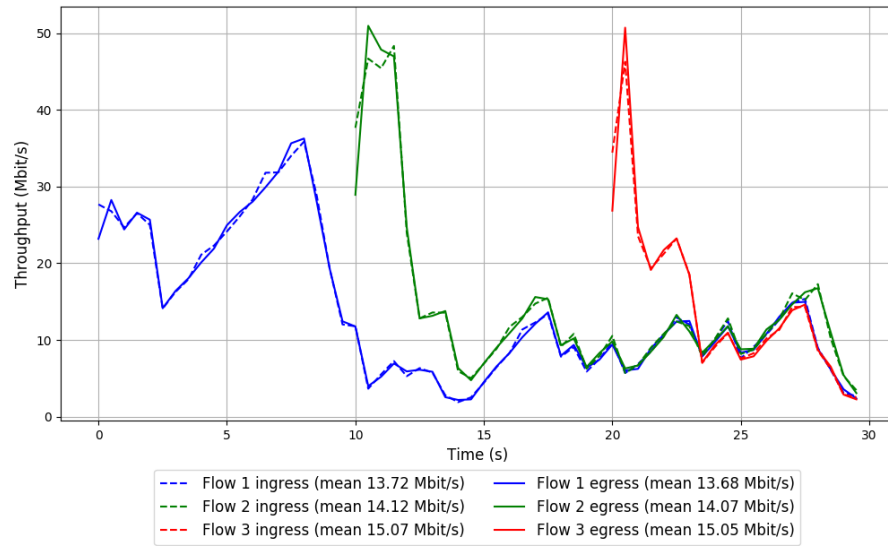


Run 10: Statistics of TCP Vegas

Start at: 2018-03-06 15:29:47
End at: 2018-03-06 15:30:17
Local clock offset: 0.73 ms
Remote clock offset: -12.53 ms

Below is generated by plot.py at 2018-03-06 20:35:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.02 Mbit/s
95th percentile per-packet one-way delay: 34.361 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 13.68 Mbit/s
95th percentile per-packet one-way delay: 33.258 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 14.07 Mbit/s
95th percentile per-packet one-way delay: 37.746 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 15.05 Mbit/s
95th percentile per-packet one-way delay: 45.954 ms
Loss rate: 0.67%

Run 10: Report of TCP Vegas — Data Link

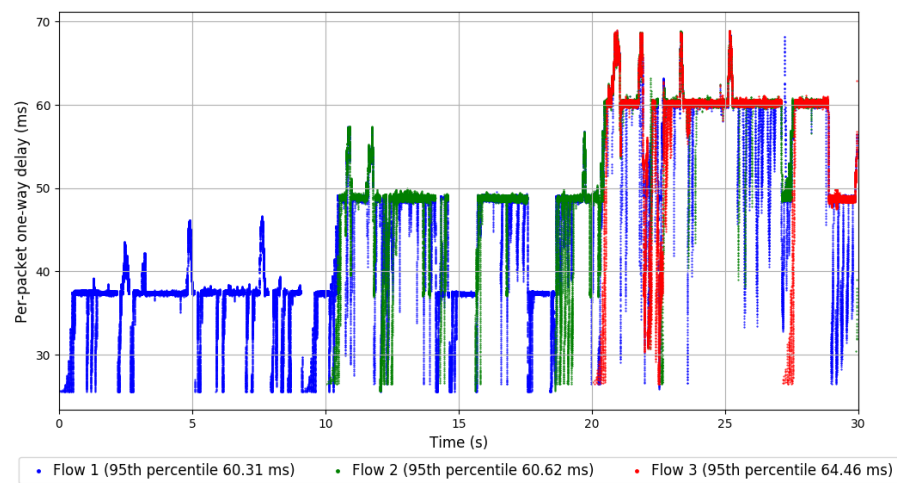
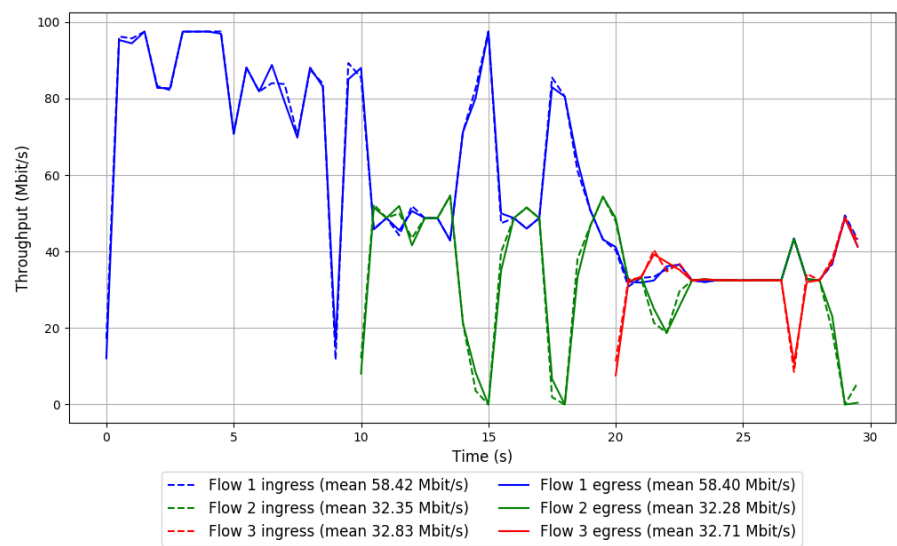


Run 1: Statistics of Verus

Start at: 2018-03-06 11:51:50
End at: 2018-03-06 11:52:20
Local clock offset: 0.809 ms
Remote clock offset: -2.663 ms

Below is generated by plot.py at 2018-03-06 20:35:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 60.468 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 60.310 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 60.620 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 64.463 ms
Loss rate: 1.01%

Run 1: Report of Verus — Data Link

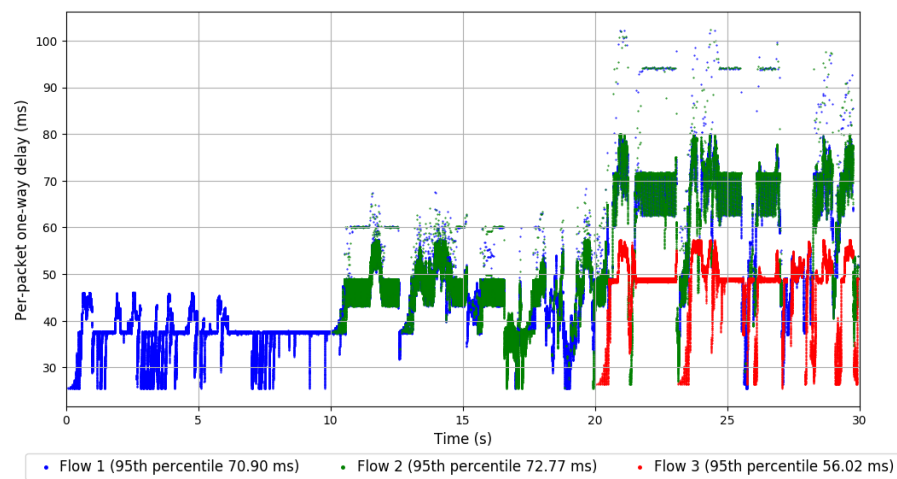
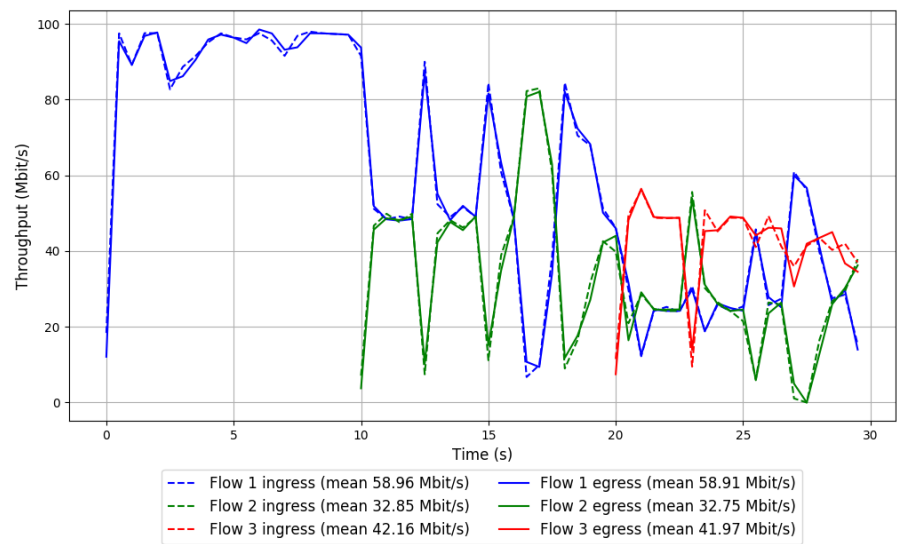


Run 2: Statistics of Verus

Start at: 2018-03-06 12:16:27
End at: 2018-03-06 12:16:57
Local clock offset: 0.757 ms
Remote clock offset: -2.597 ms

Below is generated by plot.py at 2018-03-06 20:35:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 71.461 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 70.902 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 72.773 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 41.97 Mbit/s
95th percentile per-packet one-way delay: 56.024 ms
Loss rate: 0.99%

Run 2: Report of Verus — Data Link

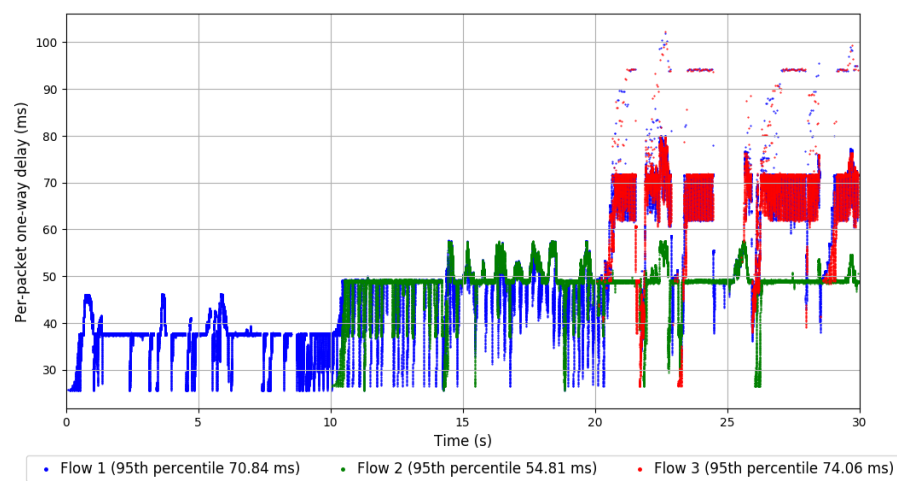
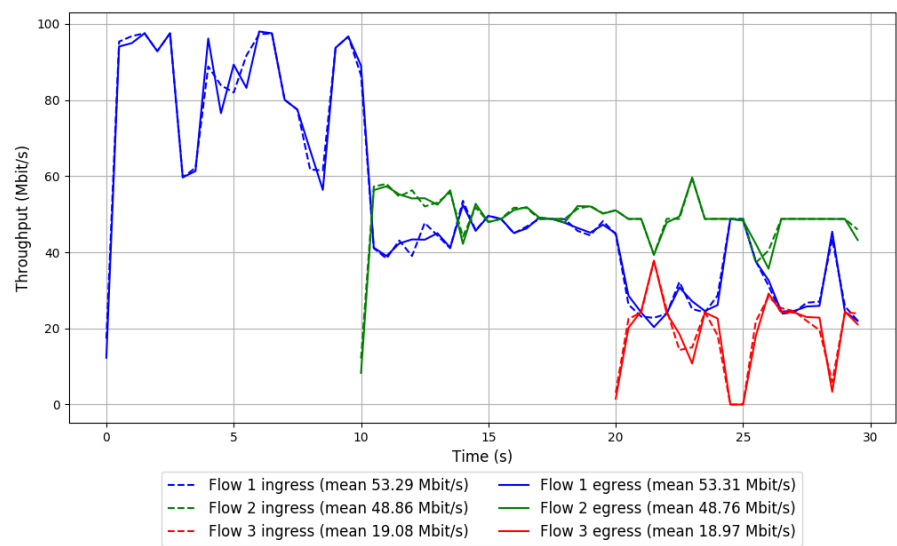


Run 3: Statistics of Verus

Start at: 2018-03-06 12:41:03
End at: 2018-03-06 12:41:34
Local clock offset: 0.92 ms
Remote clock offset: -3.377 ms

Below is generated by plot.py at 2018-03-06 20:35:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 71.300 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 53.31 Mbit/s
95th percentile per-packet one-way delay: 70.842 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 48.76 Mbit/s
95th percentile per-packet one-way delay: 54.807 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 18.97 Mbit/s
95th percentile per-packet one-way delay: 74.062 ms
Loss rate: 1.43%

Run 3: Report of Verus — Data Link

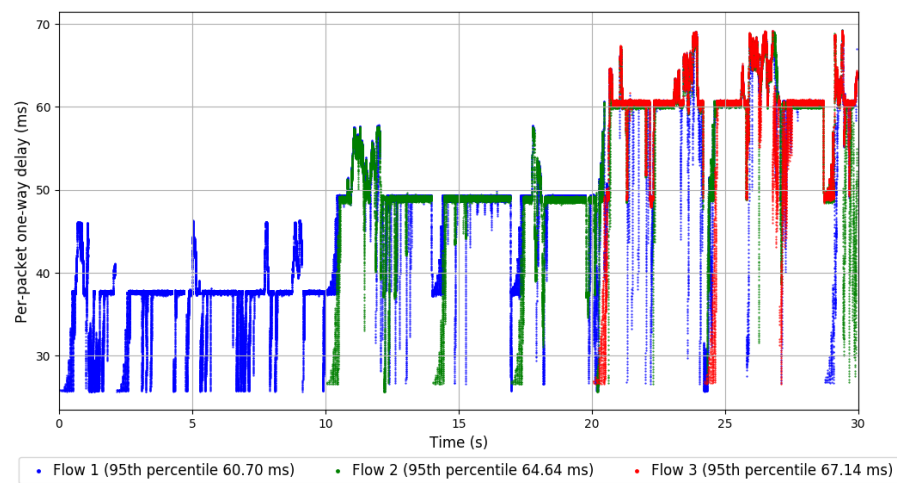
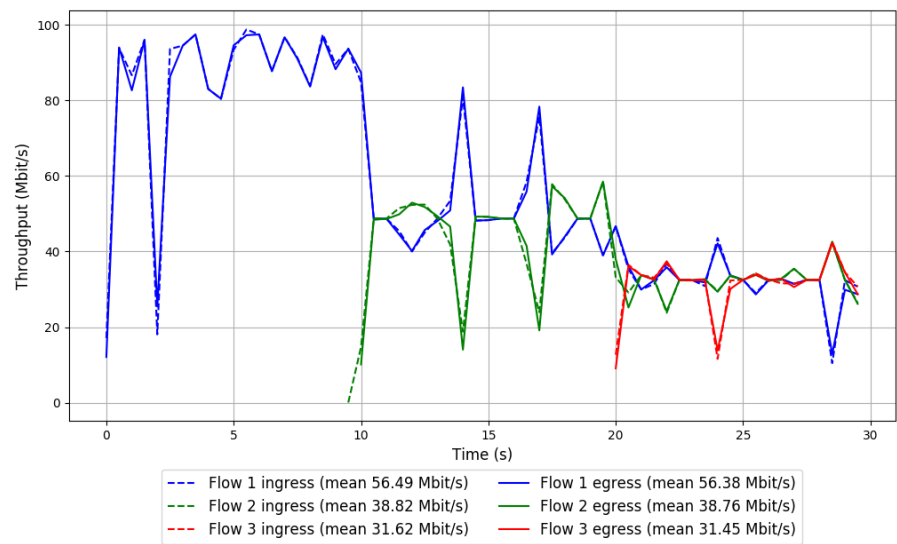


Run 4: Statistics of Verus

Start at: 2018-03-06 13:05:35
End at: 2018-03-06 13:06:05
Local clock offset: 1.099 ms
Remote clock offset: -3.872 ms

Below is generated by plot.py at 2018-03-06 20:35:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.59 Mbit/s
95th percentile per-packet one-way delay: 63.700 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 56.38 Mbit/s
95th percentile per-packet one-way delay: 60.696 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 64.645 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 67.144 ms
Loss rate: 1.09%

Run 4: Report of Verus — Data Link

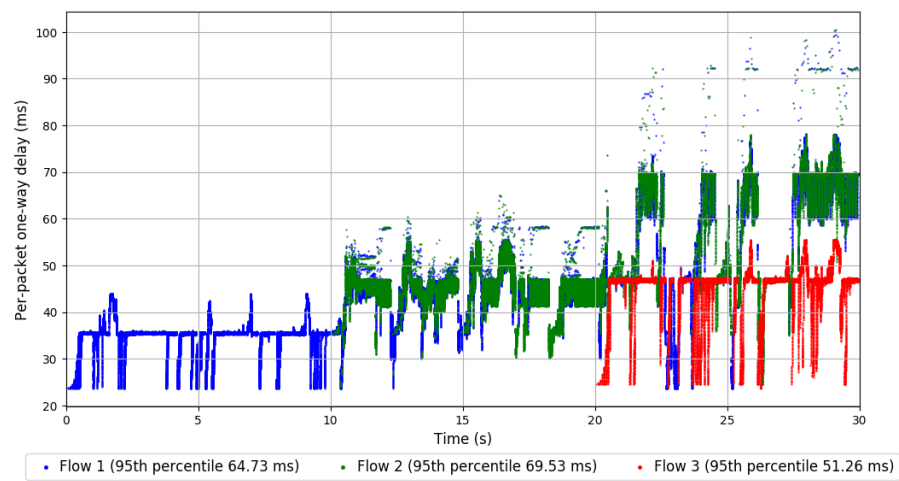
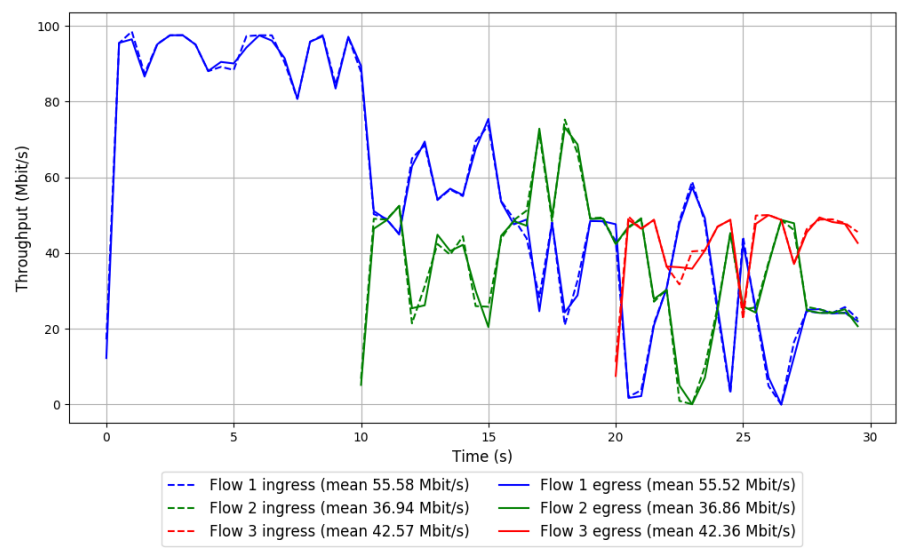


Run 5: Statistics of Verus

Start at: 2018-03-06 13:30:10
End at: 2018-03-06 13:30:40
Local clock offset: 0.941 ms
Remote clock offset: -1.188 ms

Below is generated by plot.py at 2018-03-06 20:36:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 66.718 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 64.732 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 36.86 Mbit/s
95th percentile per-packet one-way delay: 69.529 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 42.36 Mbit/s
95th percentile per-packet one-way delay: 51.259 ms
Loss rate: 1.05%

Run 5: Report of Verus — Data Link

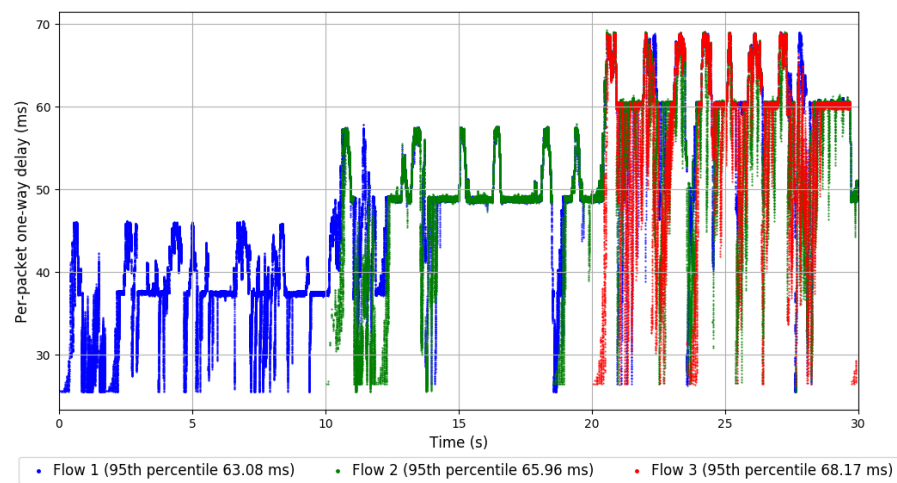
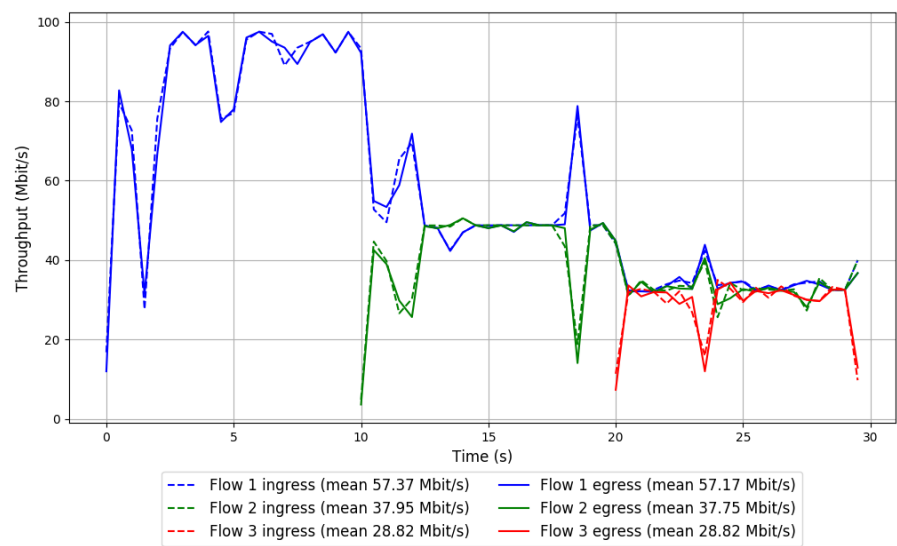


Run 6: Statistics of Verus

Start at: 2018-03-06 13:54:55
End at: 2018-03-06 13:55:25
Local clock offset: 0.826 ms
Remote clock offset: -3.912 ms

Below is generated by plot.py at 2018-03-06 20:36:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.78 Mbit/s
95th percentile per-packet one-way delay: 65.996 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 57.17 Mbit/s
95th percentile per-packet one-way delay: 63.080 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 37.75 Mbit/s
95th percentile per-packet one-way delay: 65.956 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 28.82 Mbit/s
95th percentile per-packet one-way delay: 68.165 ms
Loss rate: 0.56%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-03-06 14:19:39

End at: 2018-03-06 14:20:09

Local clock offset: 0.937 ms

Remote clock offset: -1.01 ms

Below is generated by plot.py at 2018-03-06 20:36:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.53 Mbit/s

95th percentile per-packet one-way delay: 57.524 ms

Loss rate: 0.89%

-- Flow 1:

Average throughput: 57.91 Mbit/s

95th percentile per-packet one-way delay: 56.246 ms

Loss rate: 0.79%

-- Flow 2:

Average throughput: 35.37 Mbit/s

95th percentile per-packet one-way delay: 57.678 ms

Loss rate: 1.12%

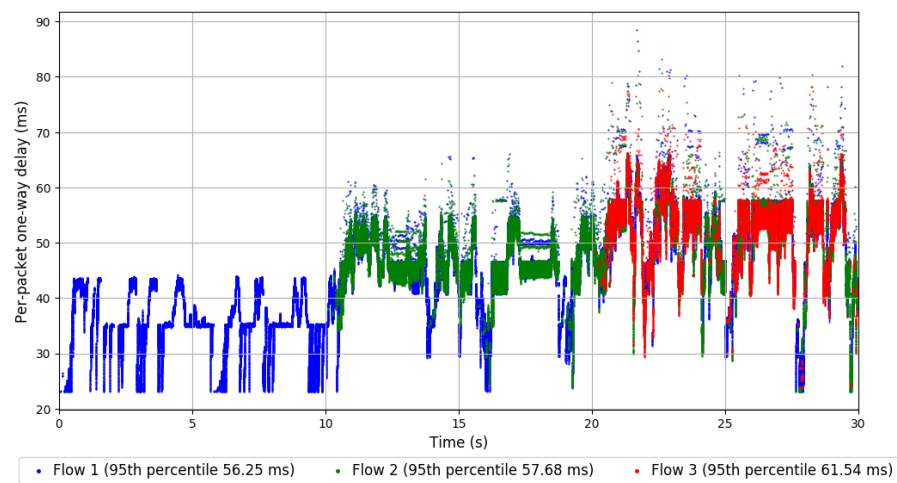
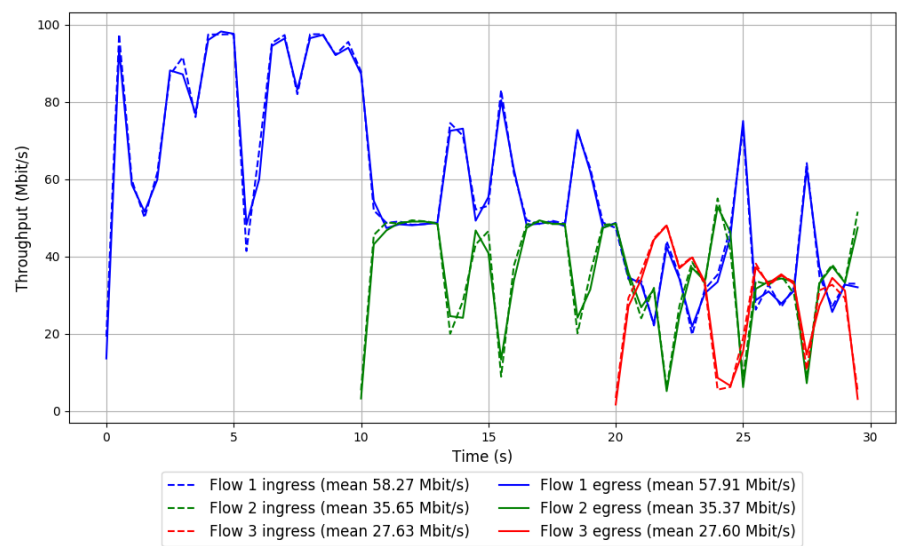
-- Flow 3:

Average throughput: 27.60 Mbit/s

95th percentile per-packet one-way delay: 61.543 ms

Loss rate: 0.90%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-03-06 14:44:48

End at: 2018-03-06 14:45:18

Local clock offset: 1.016 ms

Remote clock offset: 0.053 ms

Below is generated by plot.py at 2018-03-06 20:36:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 60.084 ms

Loss rate: 0.75%

-- Flow 1:

Average throughput: 51.78 Mbit/s

95th percentile per-packet one-way delay: 55.935 ms

Loss rate: 0.61%

-- Flow 2:

Average throughput: 38.82 Mbit/s

95th percentile per-packet one-way delay: 62.035 ms

Loss rate: 0.76%

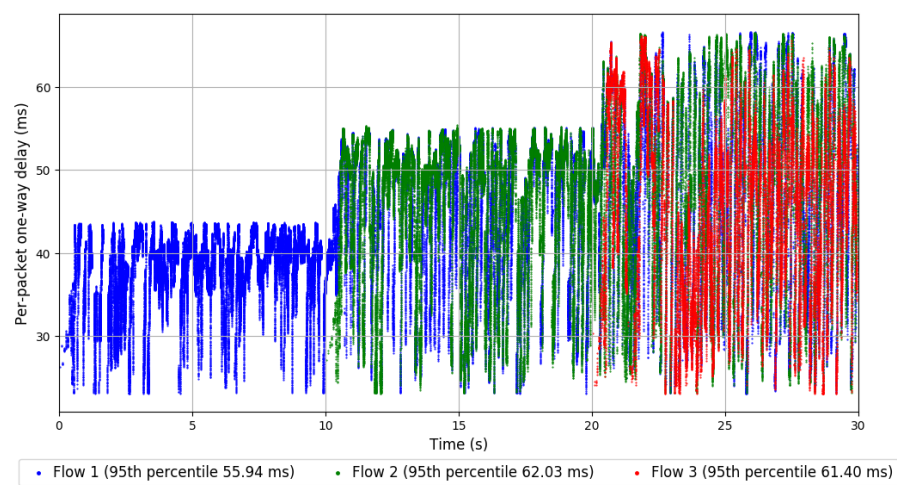
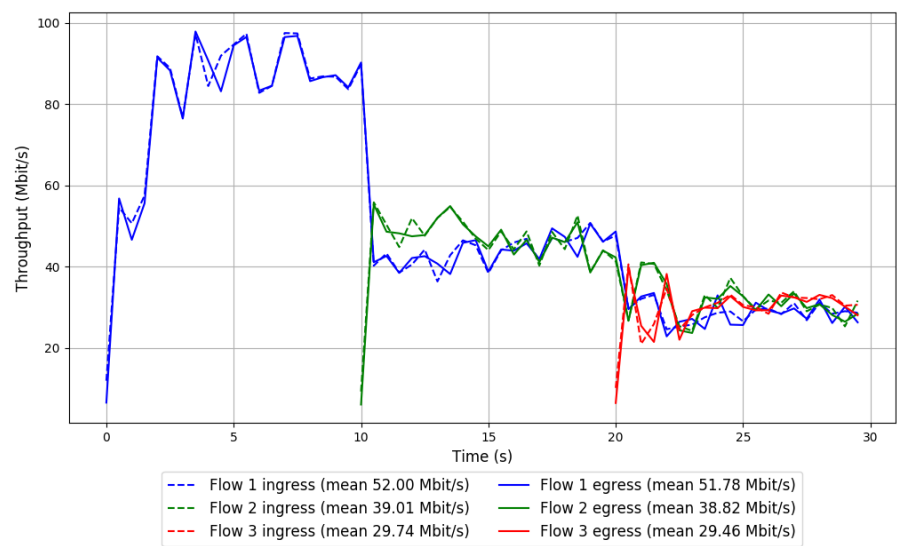
-- Flow 3:

Average throughput: 29.46 Mbit/s

95th percentile per-packet one-way delay: 61.395 ms

Loss rate: 1.49%

Run 8: Report of Verus — Data Link

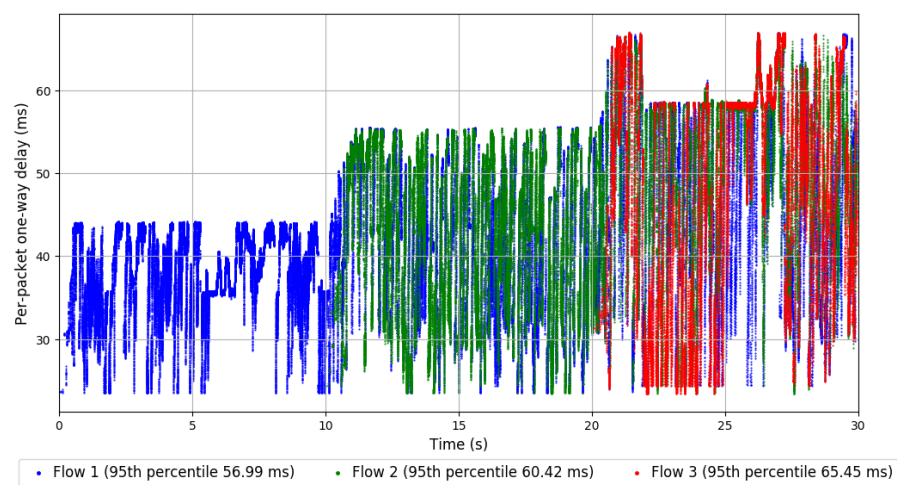
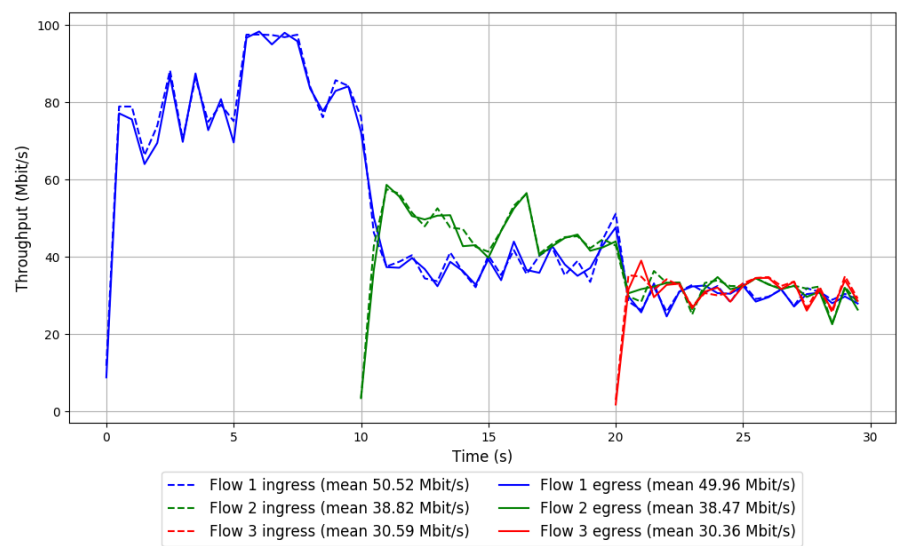


Run 9: Statistics of Verus

Start at: 2018-03-06 15:11:33
End at: 2018-03-06 15:12:03
Local clock offset: 0.947 ms
Remote clock offset: -7.915 ms

Below is generated by plot.py at 2018-03-06 20:36:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.57 Mbit/s
95th percentile per-packet one-way delay: 59.648 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 56.995 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 60.419 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 65.455 ms
Loss rate: 1.37%

Run 9: Report of Verus — Data Link

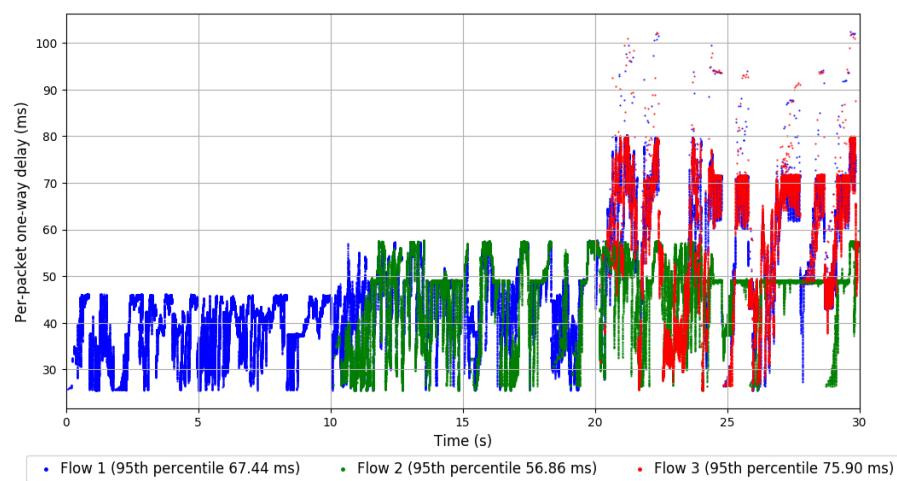
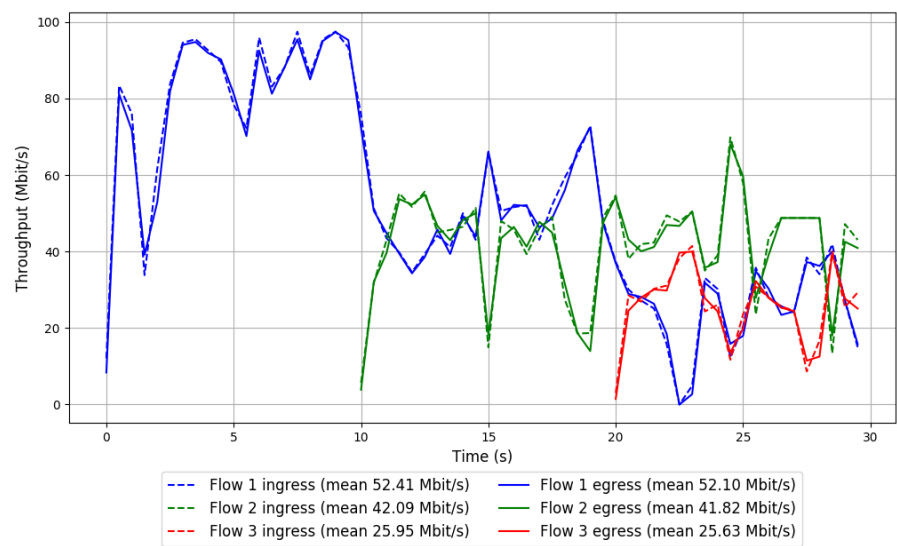


Run 10: Statistics of Verus

Start at: 2018-03-06 15:37:01
End at: 2018-03-06 15:37:31
Local clock offset: 0.771 ms
Remote clock offset: -13.143 ms

Below is generated by plot.py at 2018-03-06 20:37:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.19 Mbit/s
95th percentile per-packet one-way delay: 69.008 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 52.10 Mbit/s
95th percentile per-packet one-way delay: 67.438 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 41.82 Mbit/s
95th percentile per-packet one-way delay: 56.862 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 25.63 Mbit/s
95th percentile per-packet one-way delay: 75.897 ms
Loss rate: 1.73%

Run 10: Report of Verus — Data Link

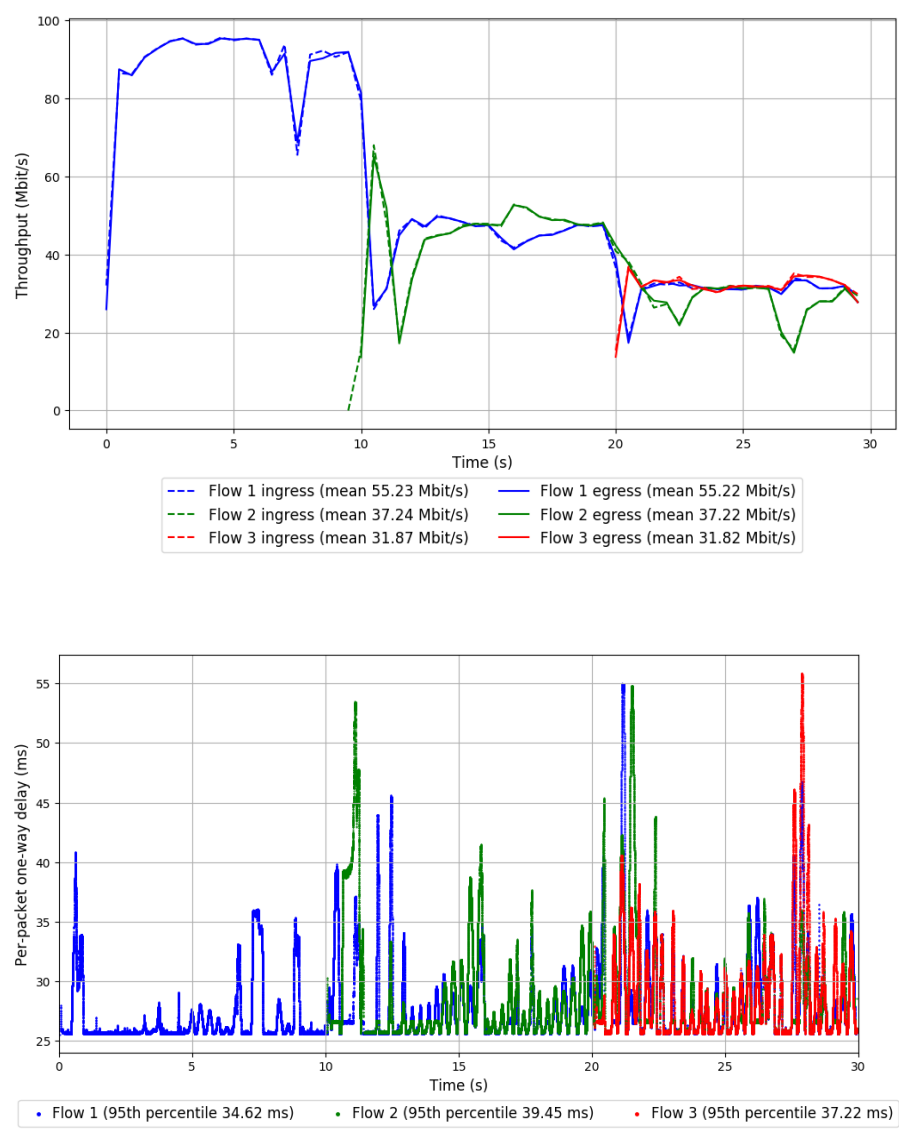


Run 1: Statistics of Copa

Start at: 2018-03-06 12:05:18
End at: 2018-03-06 12:05:48
Local clock offset: 0.851 ms
Remote clock offset: -2.816 ms

Below is generated by plot.py at 2018-03-06 20:38:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.51 Mbit/s
95th percentile per-packet one-way delay: 35.852 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 34.622 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 37.22 Mbit/s
95th percentile per-packet one-way delay: 39.451 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 31.82 Mbit/s
95th percentile per-packet one-way delay: 37.219 ms
Loss rate: 0.68%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-03-06 12:29:58

End at: 2018-03-06 12:30:28

Local clock offset: 0.774 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-03-06 20:38:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 36.510 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 53.99 Mbit/s

95th percentile per-packet one-way delay: 35.041 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 38.85 Mbit/s

95th percentile per-packet one-way delay: 37.153 ms

Loss rate: 0.37%

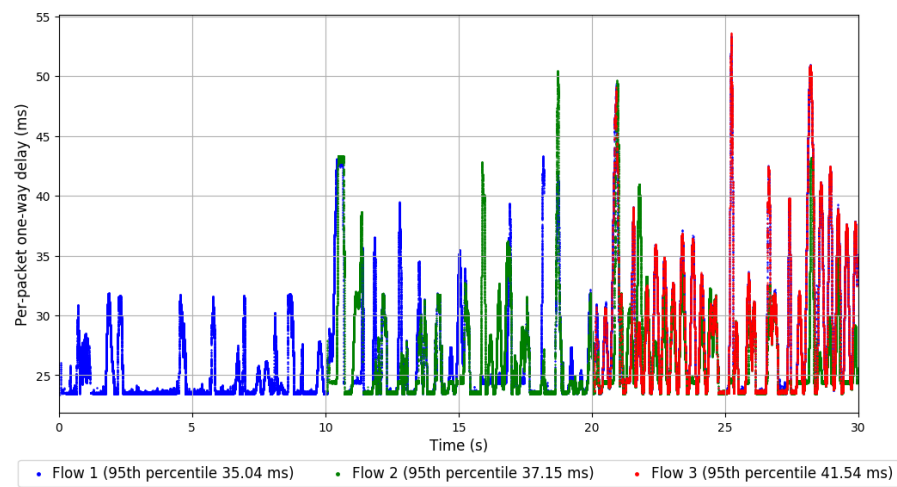
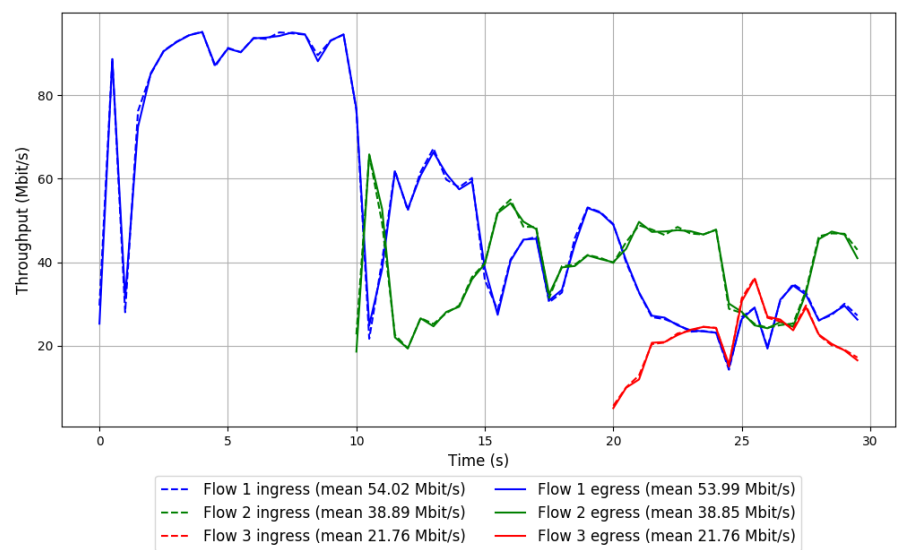
-- Flow 3:

Average throughput: 21.76 Mbit/s

95th percentile per-packet one-way delay: 41.541 ms

Loss rate: 0.55%

Run 2: Report of Copa — Data Link

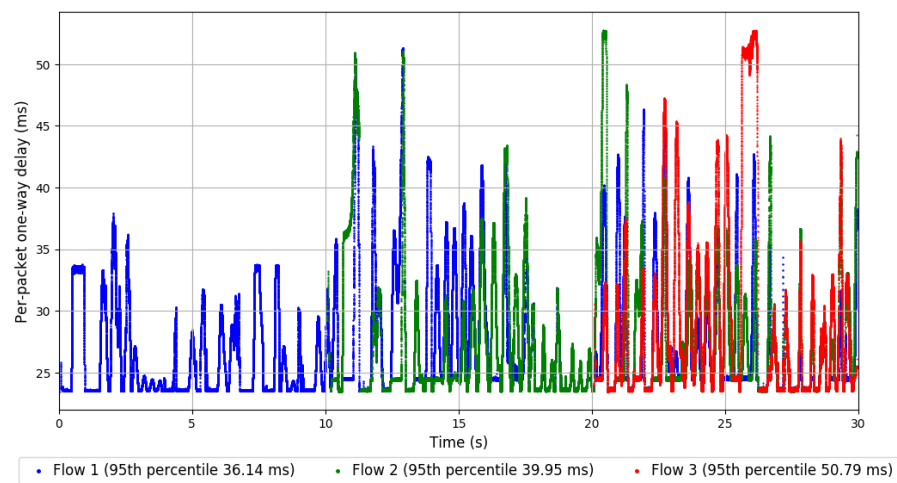
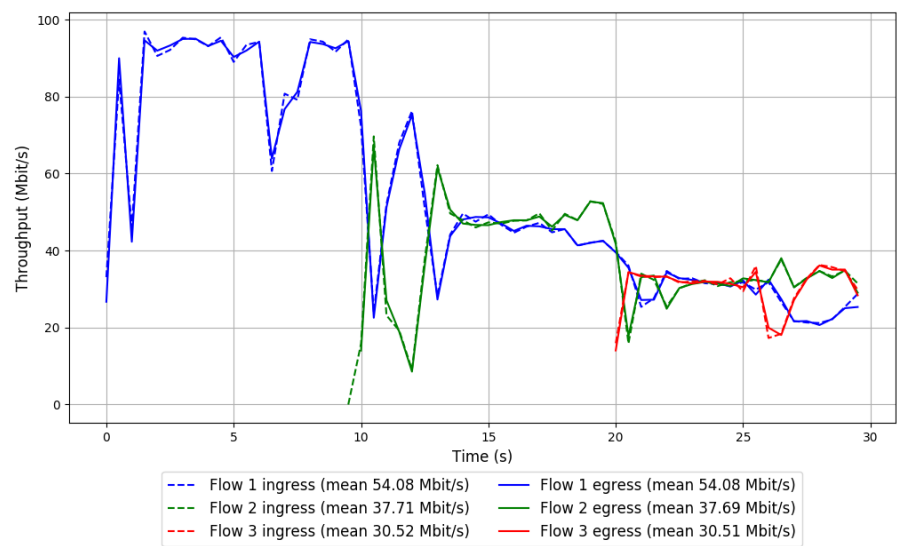


Run 3: Statistics of Copa

Start at: 2018-03-06 12:54:33
End at: 2018-03-06 12:55:03
Local clock offset: 0.995 ms
Remote clock offset: -1.804 ms

Below is generated by plot.py at 2018-03-06 20:38:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.26 Mbit/s
95th percentile per-packet one-way delay: 38.519 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 54.08 Mbit/s
95th percentile per-packet one-way delay: 36.143 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 37.69 Mbit/s
95th percentile per-packet one-way delay: 39.948 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 50.788 ms
Loss rate: 0.57%

Run 3: Report of Copa — Data Link

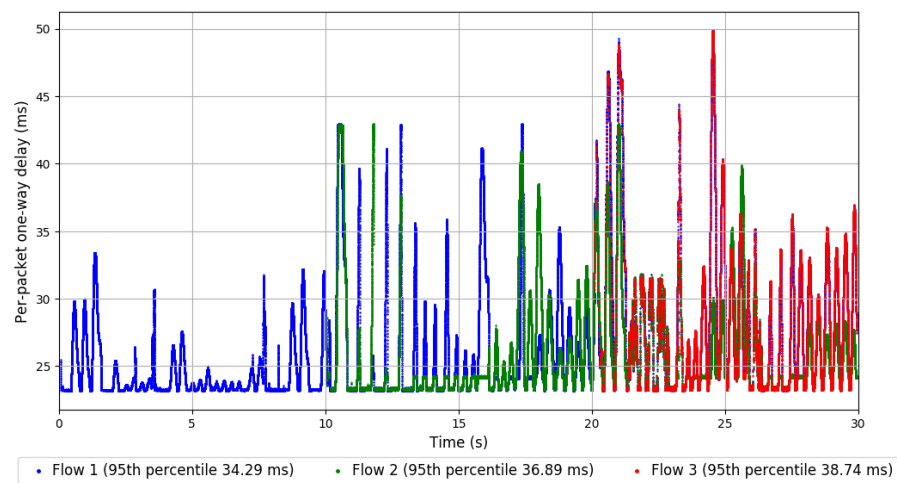
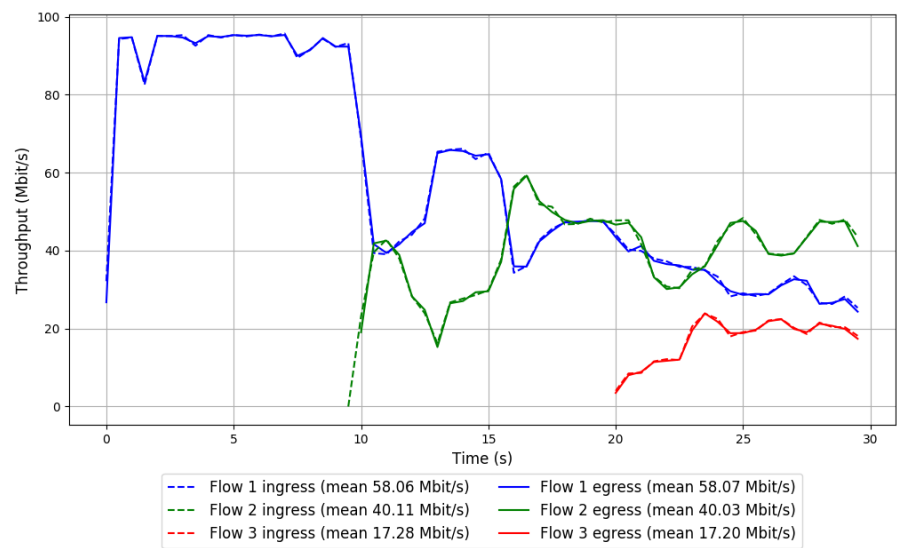


Run 4: Statistics of Copa

Start at: 2018-03-06 13:19:09
End at: 2018-03-06 13:19:39
Local clock offset: 0.998 ms
Remote clock offset: -0.901 ms

Below is generated by plot.py at 2018-03-06 20:39:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 35.404 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 34.286 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.03 Mbit/s
95th percentile per-packet one-way delay: 36.891 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 17.20 Mbit/s
95th percentile per-packet one-way delay: 38.743 ms
Loss rate: 0.97%

Run 4: Report of Copa — Data Link

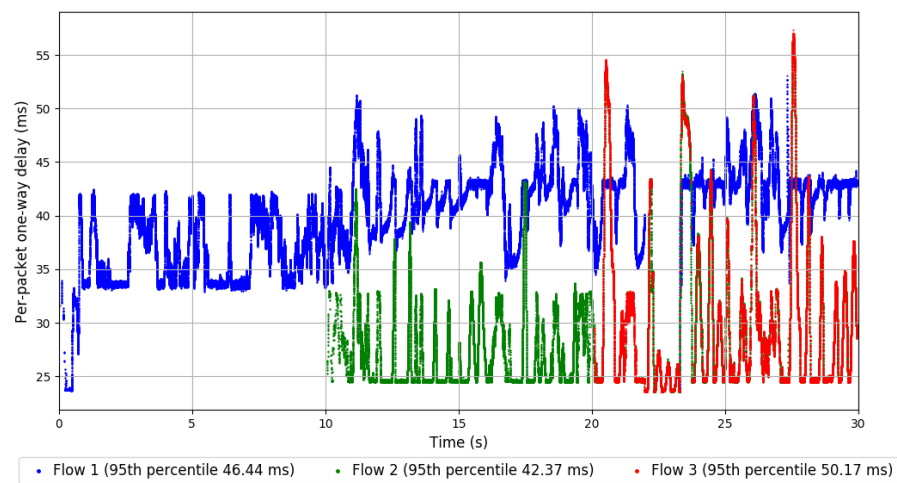
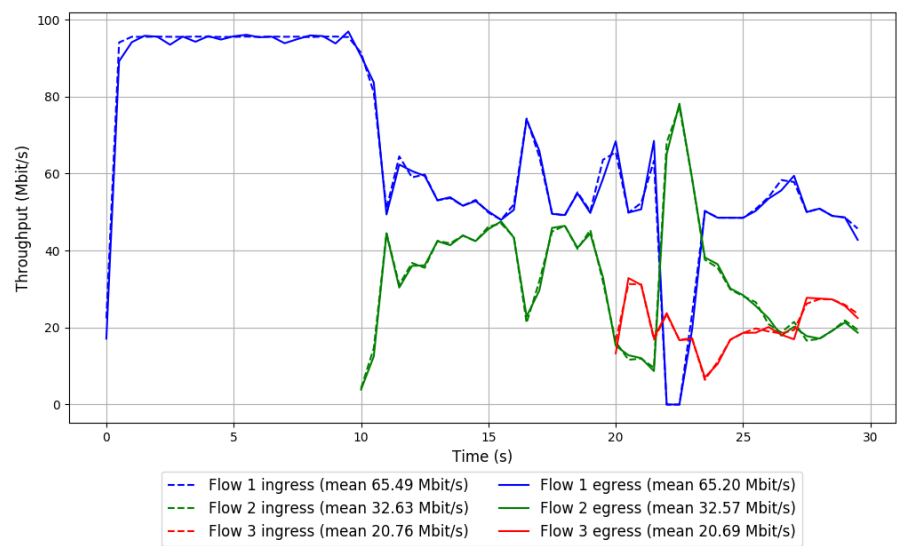


Run 5: Statistics of Copa

Start at: 2018-03-06 13:43:42
End at: 2018-03-06 13:44:12
Local clock offset: 0.93 ms
Remote clock offset: -1.392 ms

Below is generated by plot.py at 2018-03-06 20:39:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 46.252 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 46.442 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 32.57 Mbit/s
95th percentile per-packet one-way delay: 42.371 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 20.69 Mbit/s
95th percentile per-packet one-way delay: 50.174 ms
Loss rate: 0.89%

Run 5: Report of Copa — Data Link

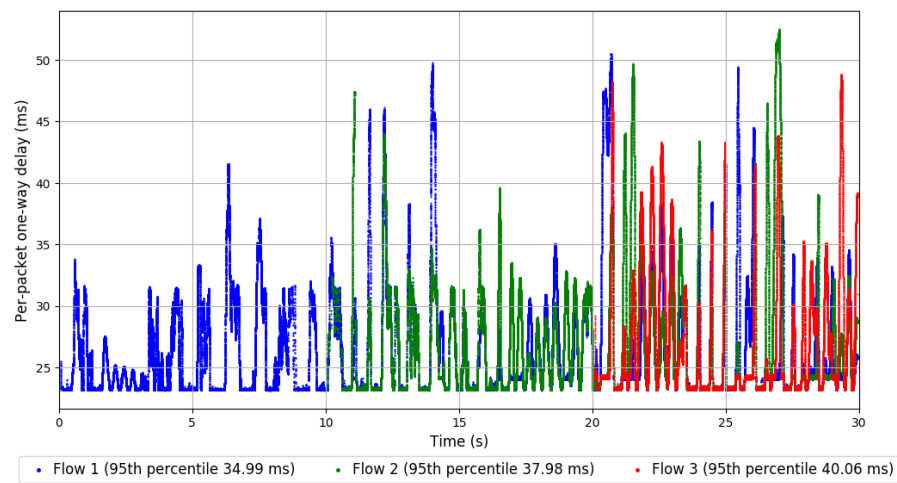
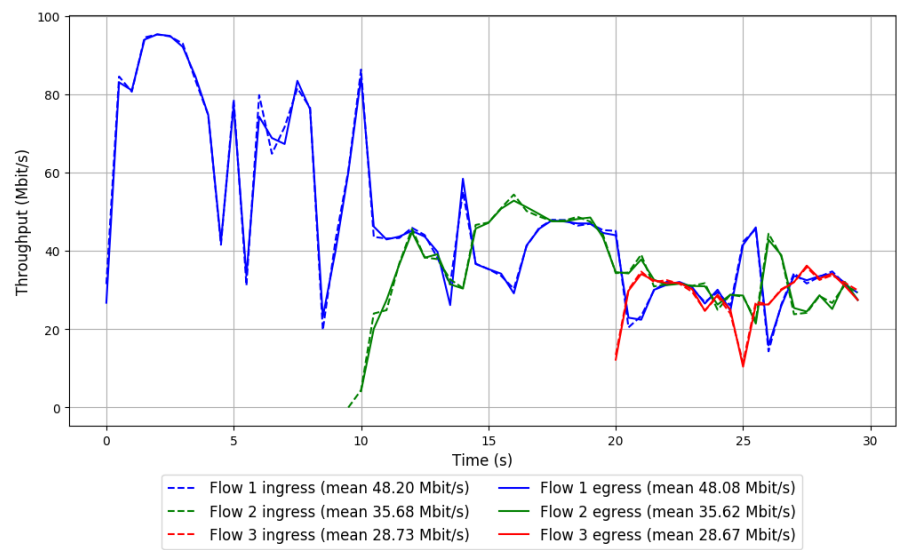


Run 6: Statistics of Copa

Start at: 2018-03-06 14:08:34
End at: 2018-03-06 14:09:04
Local clock offset: 0.927 ms
Remote clock offset: -1.709 ms

```
# Below is generated by plot.py at 2018-03-06 20:39:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.28 Mbit/s
95th percentile per-packet one-way delay: 36.893 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 34.992 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 37.975 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 28.67 Mbit/s
95th percentile per-packet one-way delay: 40.058 ms
Loss rate: 0.75%
```

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-03-06 14:33:25

End at: 2018-03-06 14:33:55

Local clock offset: 0.984 ms

Remote clock offset: -0.69 ms

Below is generated by plot.py at 2018-03-06 20:39:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 43.308 ms

Loss rate: 0.55%

-- Flow 1:

Average throughput: 74.86 Mbit/s

95th percentile per-packet one-way delay: 43.244 ms

Loss rate: 0.48%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 33.784 ms

Loss rate: 50.00%

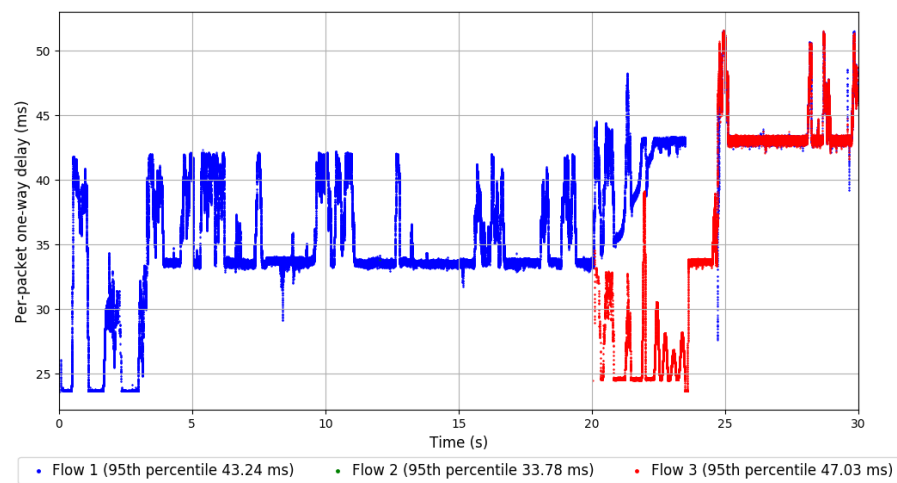
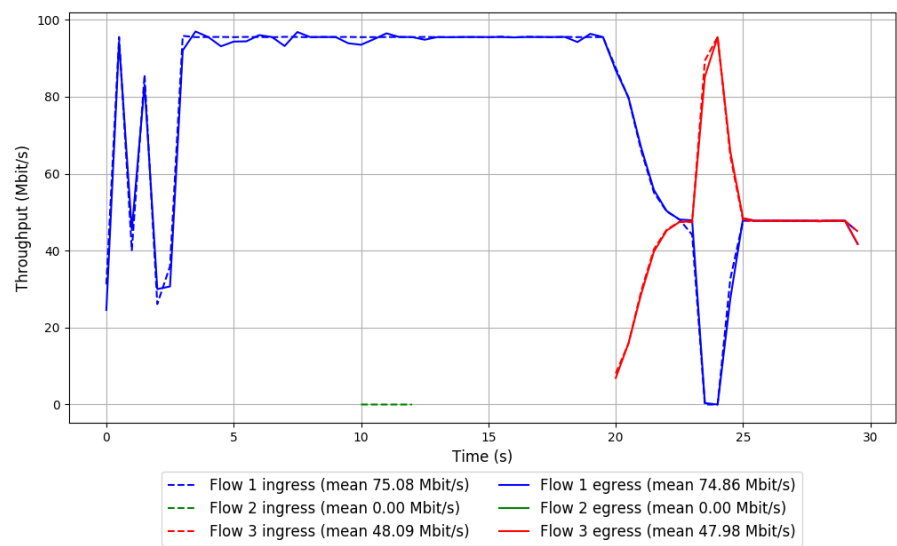
-- Flow 3:

Average throughput: 47.98 Mbit/s

95th percentile per-packet one-way delay: 47.034 ms

Loss rate: 0.86%

Run 7: Report of Copa — Data Link

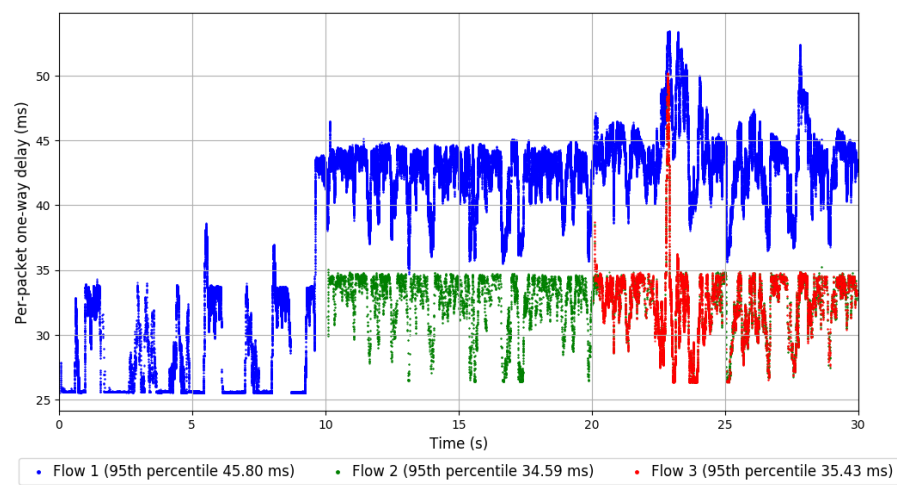
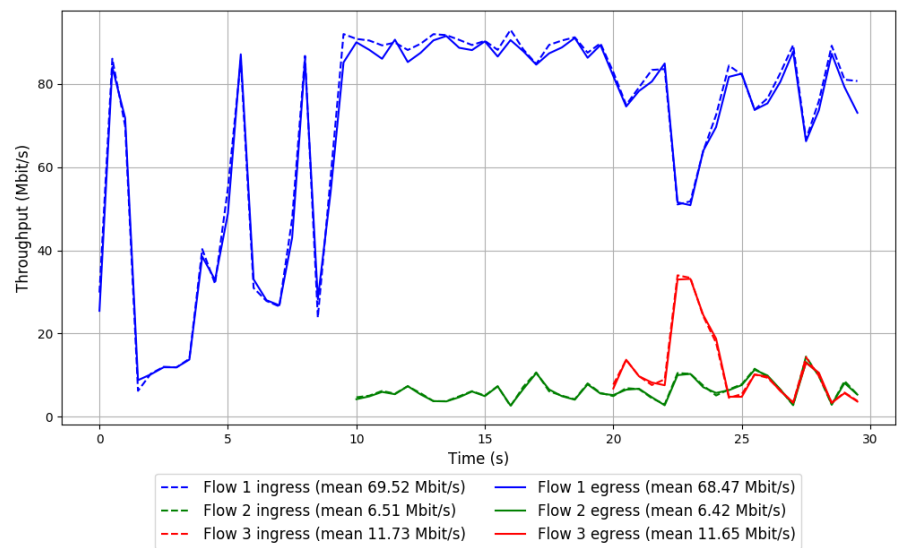


Run 8: Statistics of Copa

Start at: 2018-03-06 15:00:01
End at: 2018-03-06 15:00:31
Local clock offset: 0.957 ms
Remote clock offset: -7.292 ms

Below is generated by plot.py at 2018-03-06 20:39:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 45.643 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 68.47 Mbit/s
95th percentile per-packet one-way delay: 45.802 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 34.589 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 35.433 ms
Loss rate: 1.22%

Run 8: Report of Copa — Data Link

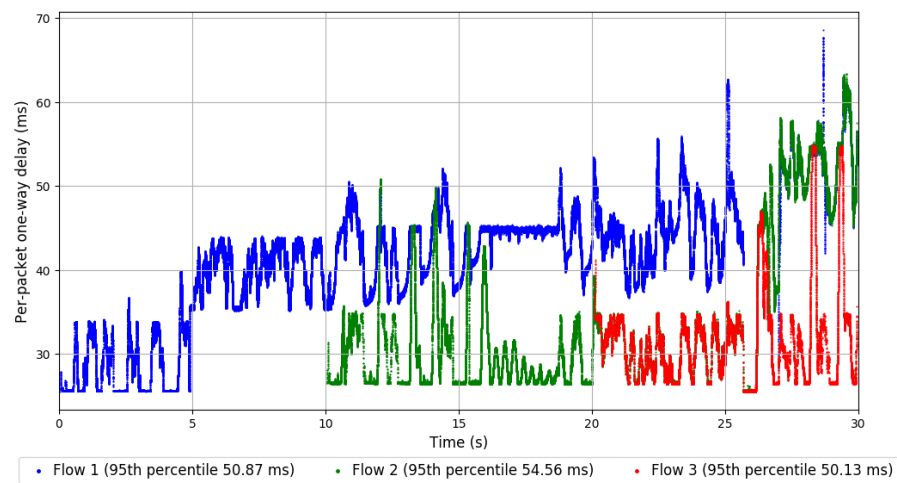
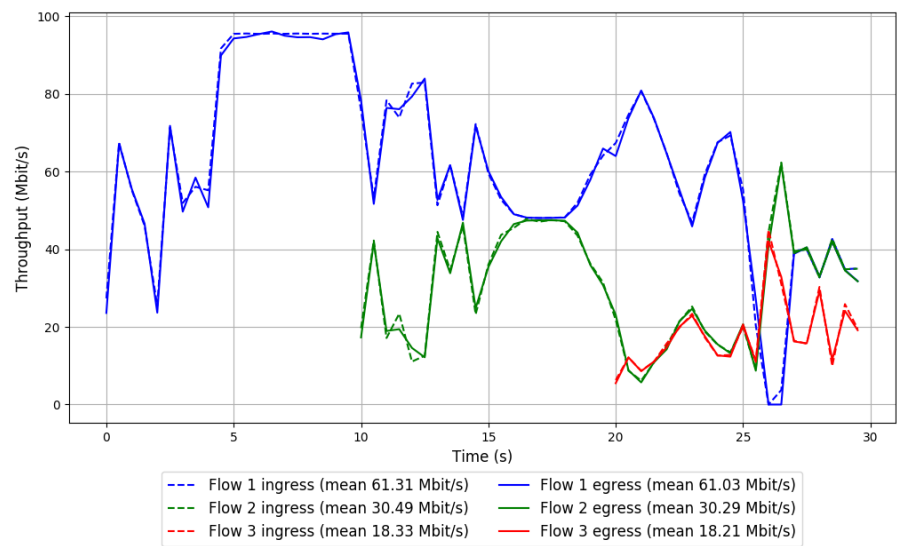


Run 9: Statistics of Copa

Start at: 2018-03-06 15:25:30
End at: 2018-03-06 15:26:00
Local clock offset: 0.809 ms
Remote clock offset: -12.063 ms

Below is generated by plot.py at 2018-03-06 20:40:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 52.587 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 61.03 Mbit/s
95th percentile per-packet one-way delay: 50.872 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 30.29 Mbit/s
95th percentile per-packet one-way delay: 54.565 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 18.21 Mbit/s
95th percentile per-packet one-way delay: 50.132 ms
Loss rate: 1.28%

Run 9: Report of Copa — Data Link

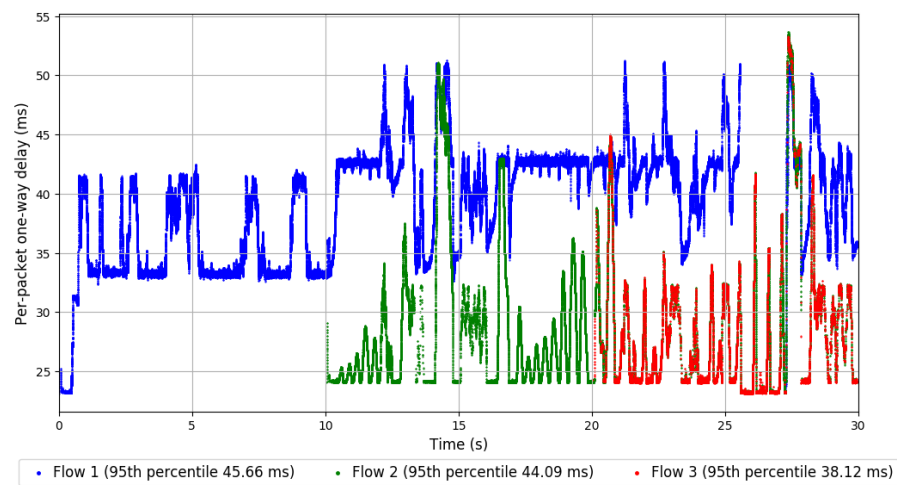
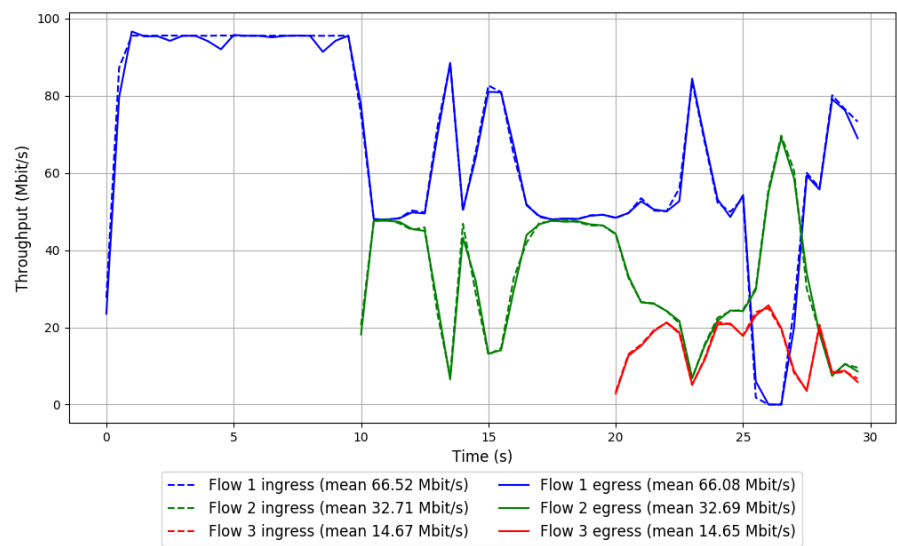


Run 10: Statistics of Copa

Start at: 2018-03-06 15:50:48
End at: 2018-03-06 15:51:18
Local clock offset: 0.764 ms
Remote clock offset: -11.616 ms

Below is generated by plot.py at 2018-03-06 20:41:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 45.002 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 66.08 Mbit/s
95th percentile per-packet one-way delay: 45.663 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 44.095 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 38.124 ms
Loss rate: 0.70%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-03-06 11:57:19

End at: 2018-03-06 11:57:49

Local clock offset: 0.838 ms

Remote clock offset: -2.402 ms

Run 1: Report of FillP — Data Link

Figure is missing

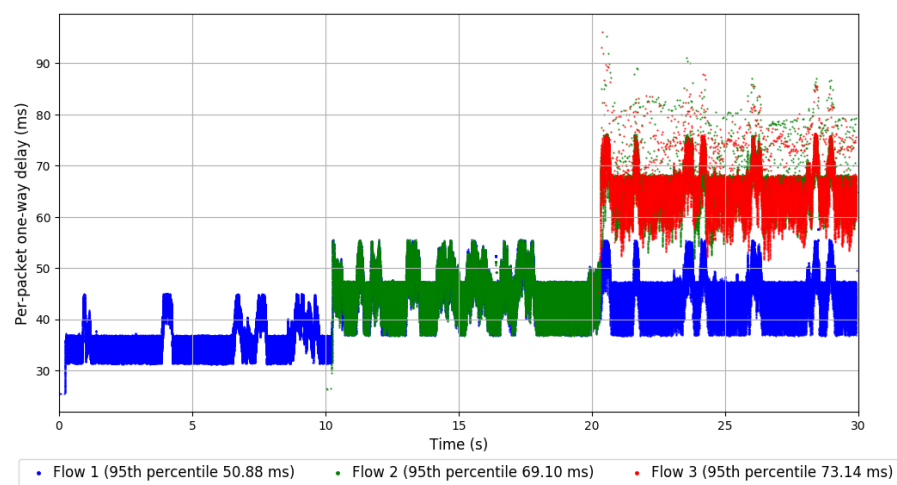
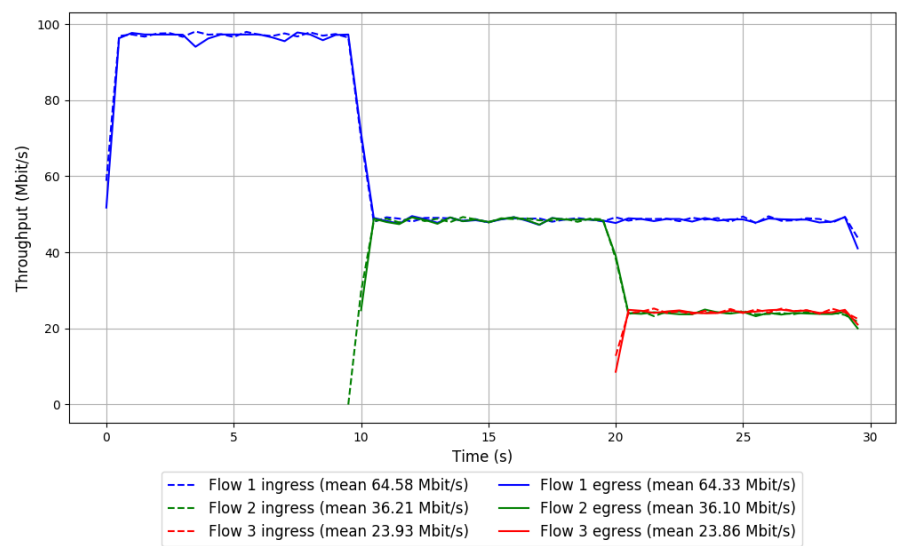
Figure is missing

Run 2: Statistics of FillP

Start at: 2018-03-06 12:21:57
End at: 2018-03-06 12:22:27
Local clock offset: 0.714 ms
Remote clock offset: -2.613 ms

Below is generated by plot.py at 2018-03-06 20:41:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 66.740 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 64.33 Mbit/s
95th percentile per-packet one-way delay: 50.879 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 69.098 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 73.141 ms
Loss rate: 1.27%

Run 2: Report of FillP — Data Link

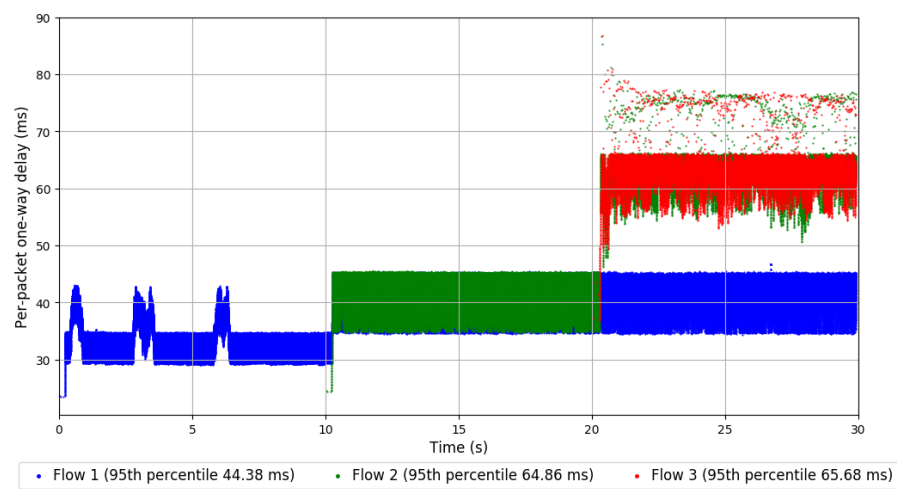
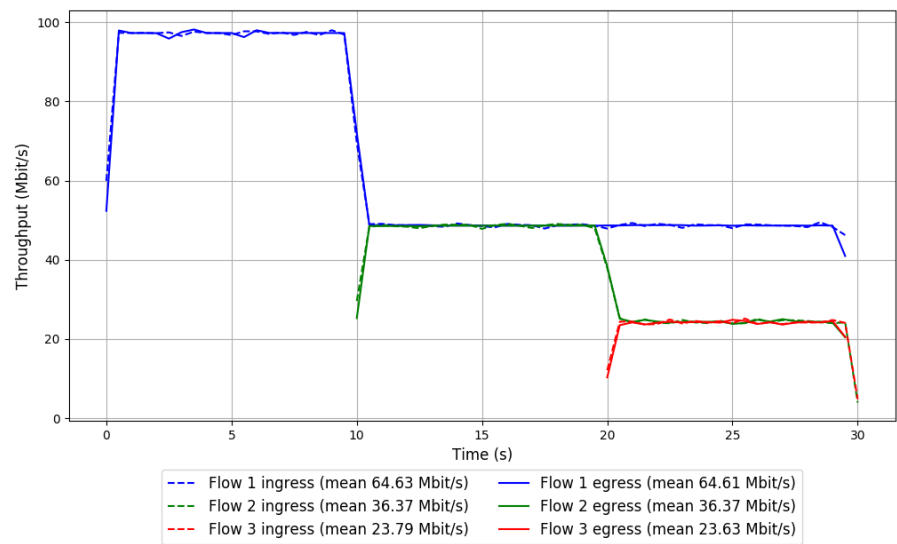


Run 3: Statistics of FillP

Start at: 2018-03-06 12:46:32
End at: 2018-03-06 12:47:02
Local clock offset: 1.037 ms
Remote clock offset: -1.568 ms

Below is generated by plot.py at 2018-03-06 20:41:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 63.855 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 64.61 Mbit/s
95th percentile per-packet one-way delay: 44.384 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 64.863 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 65.677 ms
Loss rate: 2.42%

Run 3: Report of FillP — Data Link

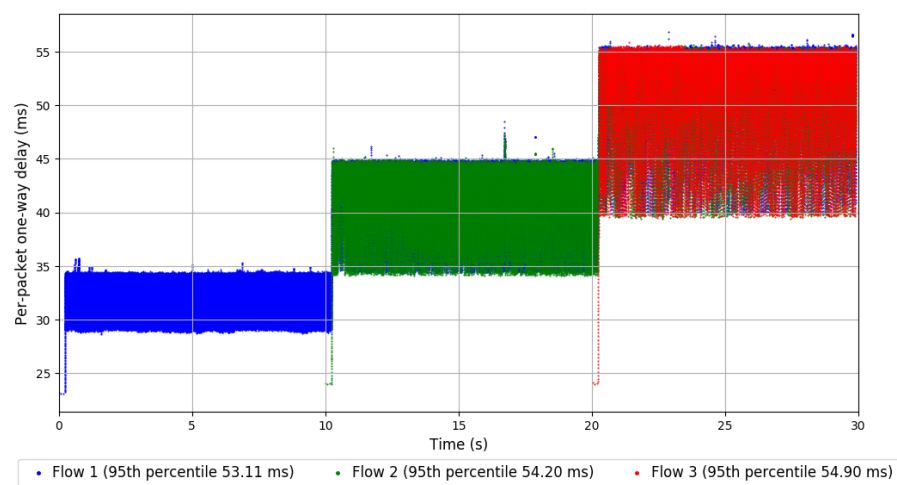
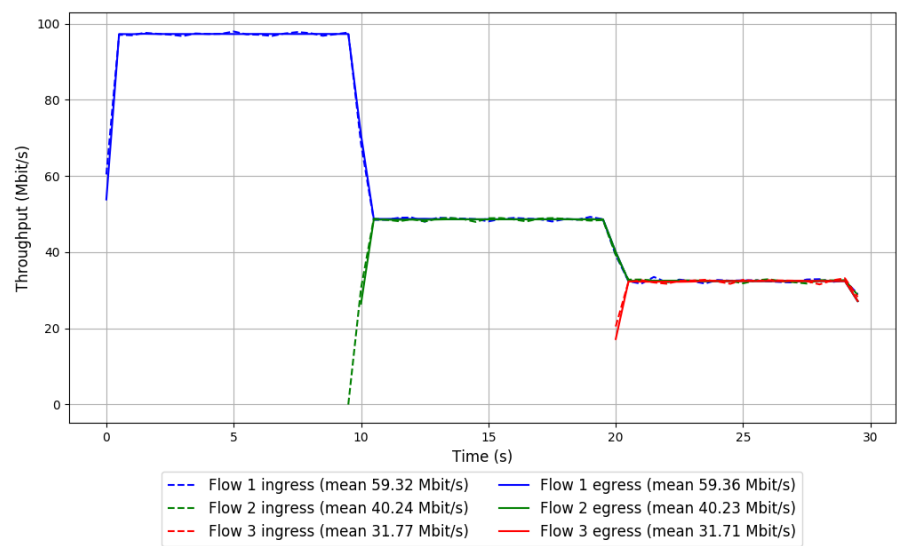


Run 4: Statistics of FillP

Start at: 2018-03-06 13:11:09
End at: 2018-03-06 13:11:39
Local clock offset: 0.936 ms
Remote clock offset: -1.102 ms

Below is generated by plot.py at 2018-03-06 20:41:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 54.092 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 53.106 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 40.23 Mbit/s
95th percentile per-packet one-way delay: 54.195 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 54.899 ms
Loss rate: 0.72%

Run 4: Report of FillP — Data Link

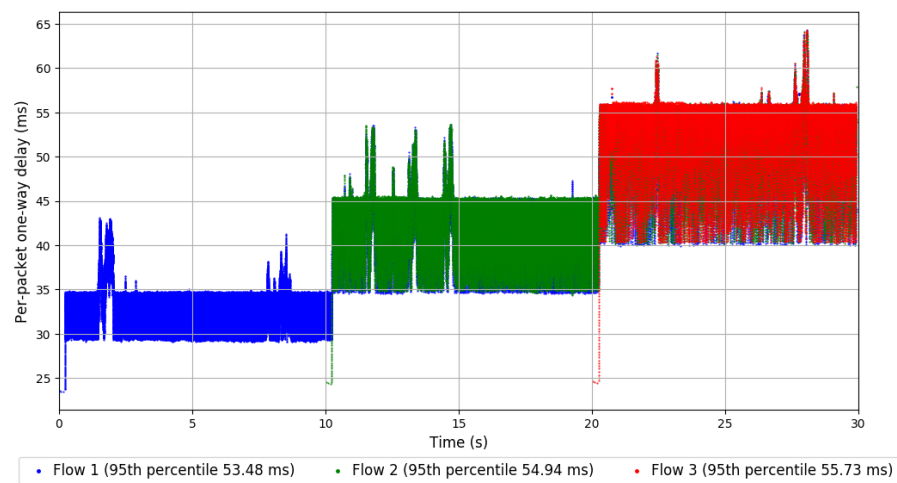
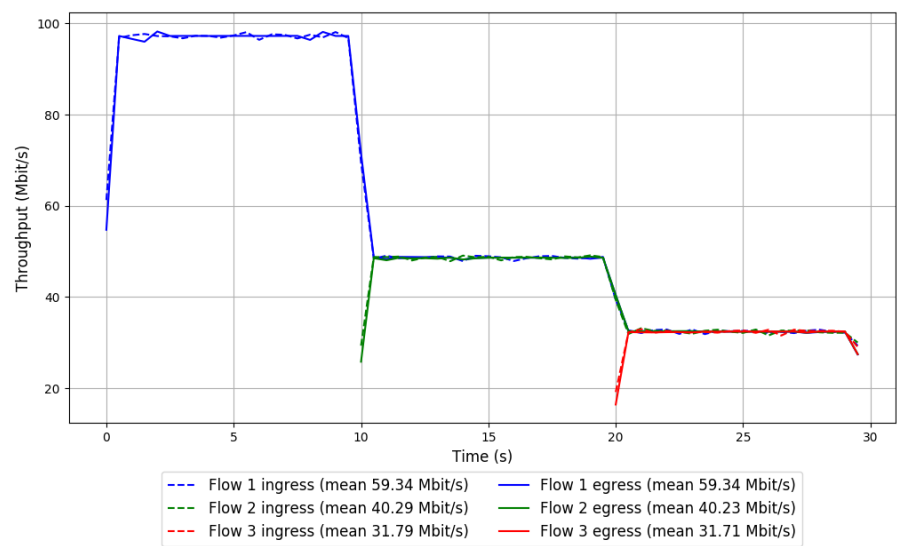


Run 5: Statistics of FillP

Start at: 2018-03-06 13:35:40
End at: 2018-03-06 13:36:10
Local clock offset: 0.939 ms
Remote clock offset: -1.104 ms

Below is generated by plot.py at 2018-03-06 20:41:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.57 Mbit/s
95th percentile per-packet one-way delay: 54.755 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 59.34 Mbit/s
95th percentile per-packet one-way delay: 53.485 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 40.23 Mbit/s
95th percentile per-packet one-way delay: 54.944 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 55.735 ms
Loss rate: 0.84%

Run 5: Report of FillP — Data Link

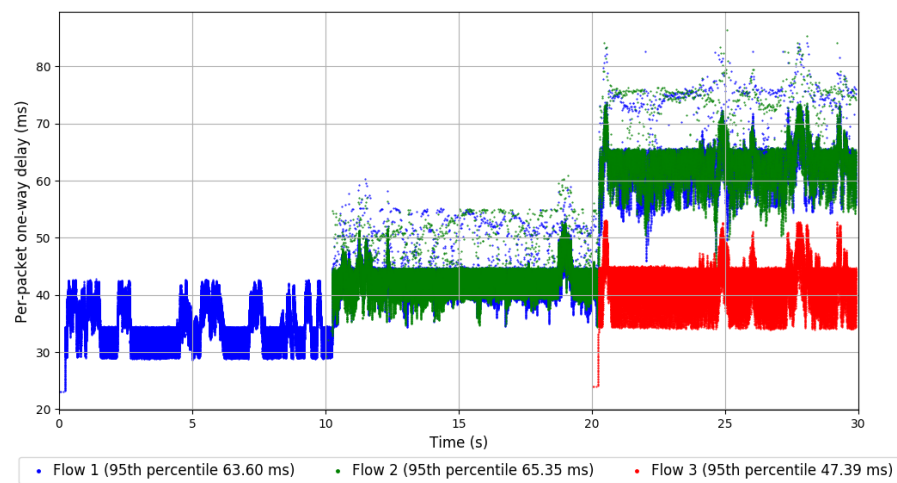
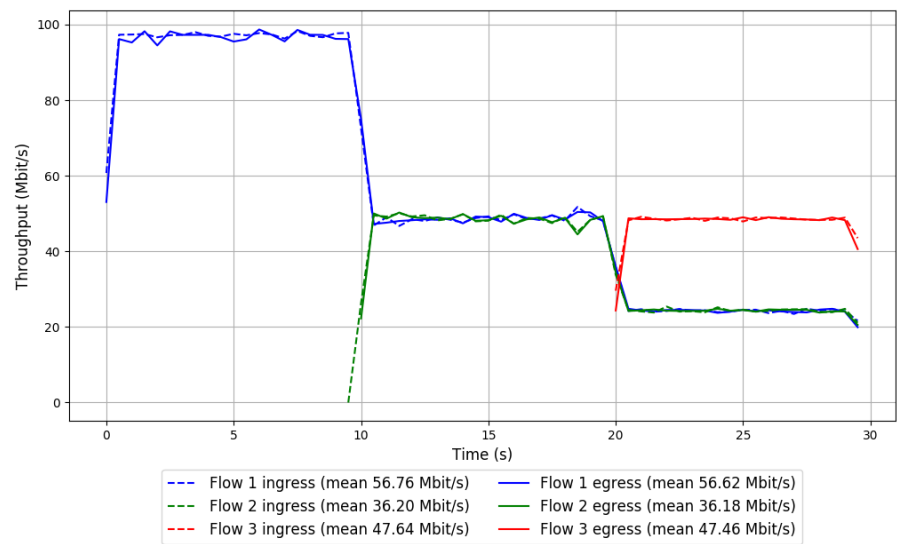


Run 6: Statistics of FillP

Start at: 2018-03-06 14:00:30
End at: 2018-03-06 14:01:00
Local clock offset: 0.896 ms
Remote clock offset: -1.591 ms

Below is generated by plot.py at 2018-03-06 20:41:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 64.052 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 56.62 Mbit/s
95th percentile per-packet one-way delay: 63.604 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 36.18 Mbit/s
95th percentile per-packet one-way delay: 65.348 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 47.46 Mbit/s
95th percentile per-packet one-way delay: 47.392 ms
Loss rate: 0.89%

Run 6: Report of FillP — Data Link

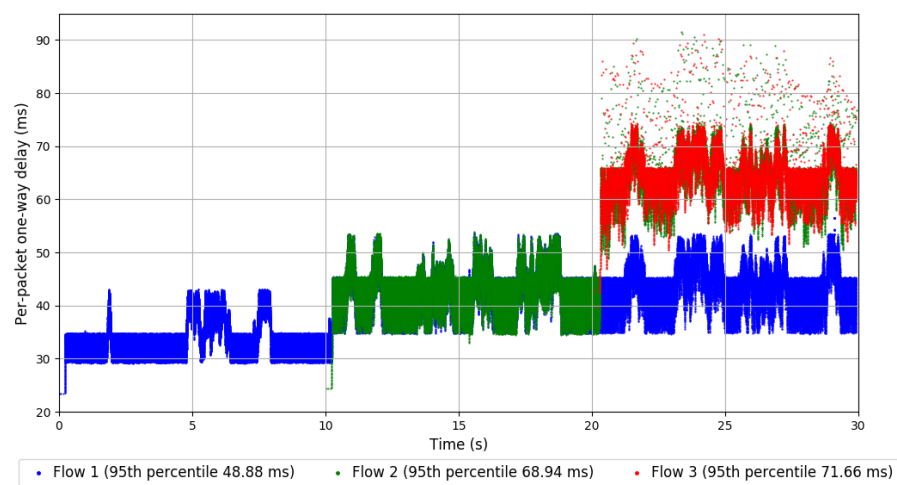
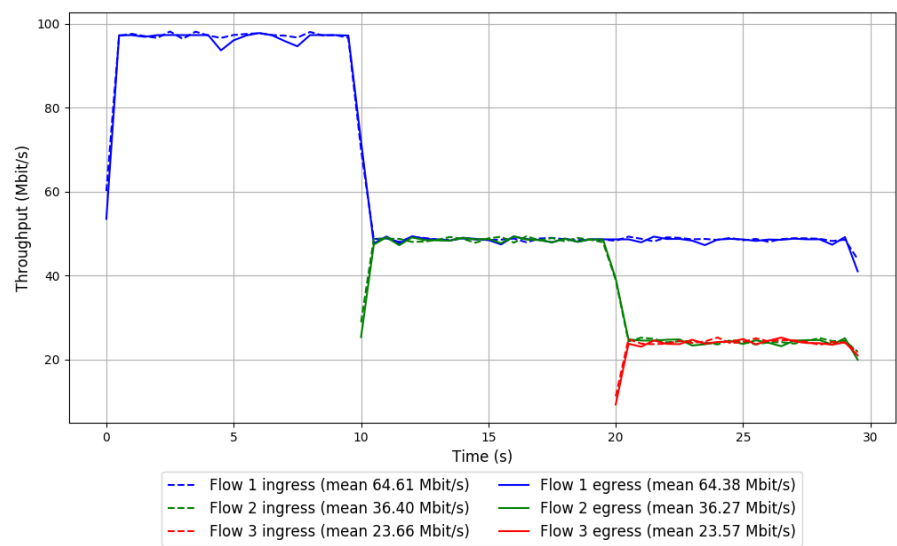


Run 7: Statistics of FillP

Start at: 2018-03-06 14:25:19
End at: 2018-03-06 14:25:49
Local clock offset: 0.961 ms
Remote clock offset: -1.046 ms

Below is generated by plot.py at 2018-03-06 20:41:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 65.850 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 64.38 Mbit/s
95th percentile per-packet one-way delay: 48.876 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 68.945 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 23.57 Mbit/s
95th percentile per-packet one-way delay: 71.658 ms
Loss rate: 1.20%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-03-06 14:51:38

End at: 2018-03-06 14:52:08

Local clock offset: 0.967 ms

Remote clock offset: -1.91 ms

Below is generated by plot.py at 2018-03-06 20:41:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 69.308 ms

Loss rate: 2.20%

-- Flow 1:

Average throughput: 55.76 Mbit/s

95th percentile per-packet one-way delay: 68.714 ms

Loss rate: 1.94%

-- Flow 2:

Average throughput: 47.08 Mbit/s

95th percentile per-packet one-way delay: 52.143 ms

Loss rate: 2.48%

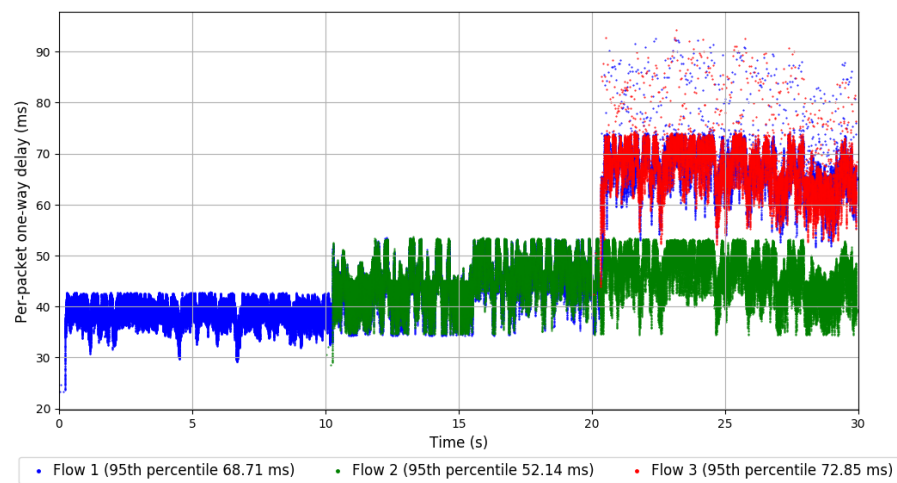
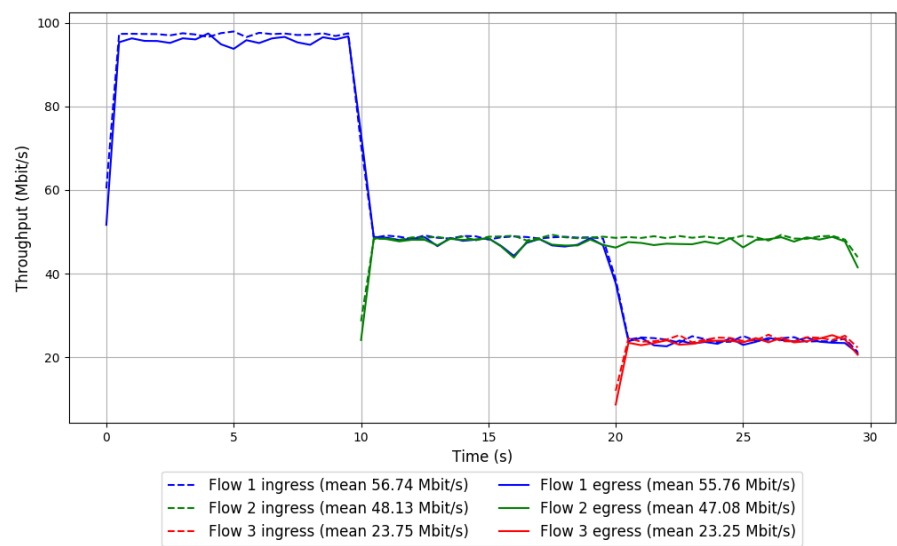
-- Flow 3:

Average throughput: 23.25 Mbit/s

95th percentile per-packet one-way delay: 72.852 ms

Loss rate: 2.95%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-06 15:17:21

End at: 2018-03-06 15:17:51

Local clock offset: 0.901 ms

Remote clock offset: -8.801 ms

Run 9: Report of FillP — Data Link

Figure is missing

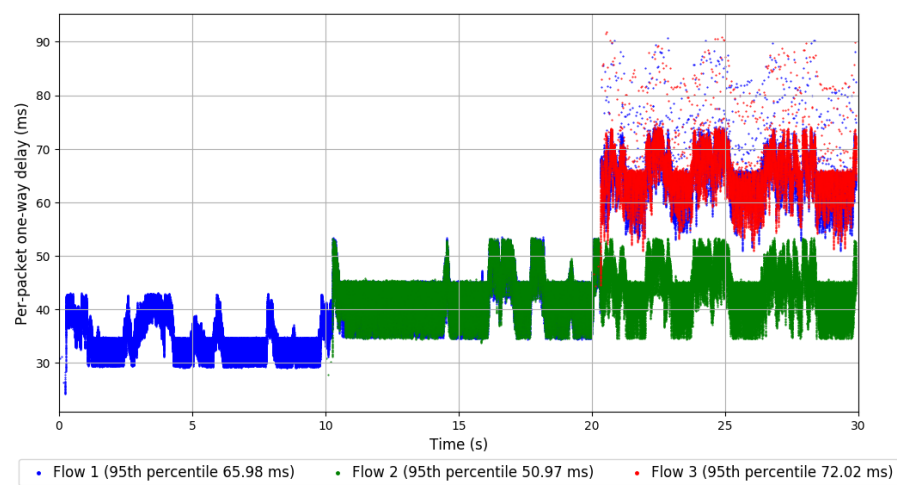
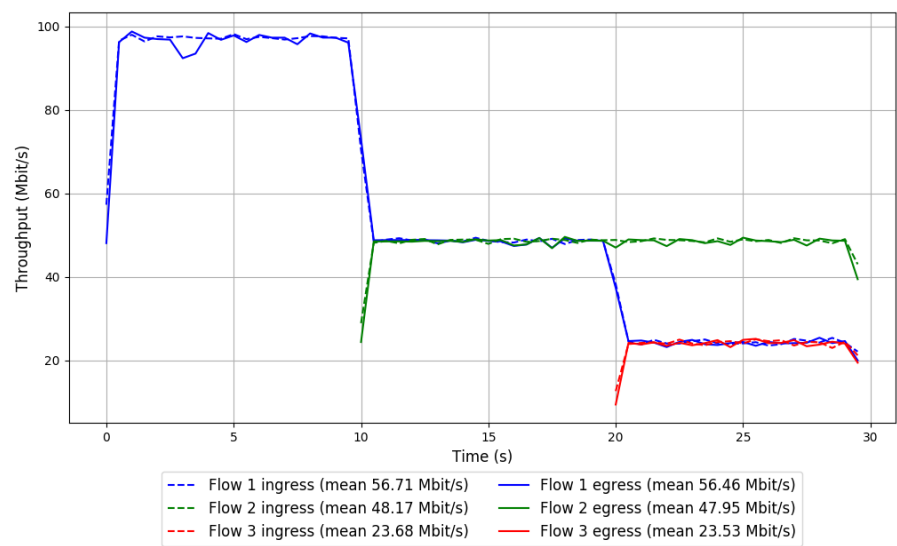
Figure is missing

Run 10: Statistics of FillP

Start at: 2018-03-06 15:42:41
End at: 2018-03-06 15:43:11
Local clock offset: 0.751 ms
Remote clock offset: -11.458 ms

Below is generated by plot.py at 2018-03-06 20:42:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 66.914 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 56.46 Mbit/s
95th percentile per-packet one-way delay: 65.982 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 50.972 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 23.53 Mbit/s
95th percentile per-packet one-way delay: 72.018 ms
Loss rate: 1.40%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-03-06 12:02:32

End at: 2018-03-06 12:03:02

Local clock offset: 0.862 ms

Remote clock offset: -0.64 ms

Below is generated by plot.py at 2018-03-06 20:42:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 32.955 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 64.11 Mbit/s

95th percentile per-packet one-way delay: 32.967 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 36.71 Mbit/s

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

Loss rate: 0.25%

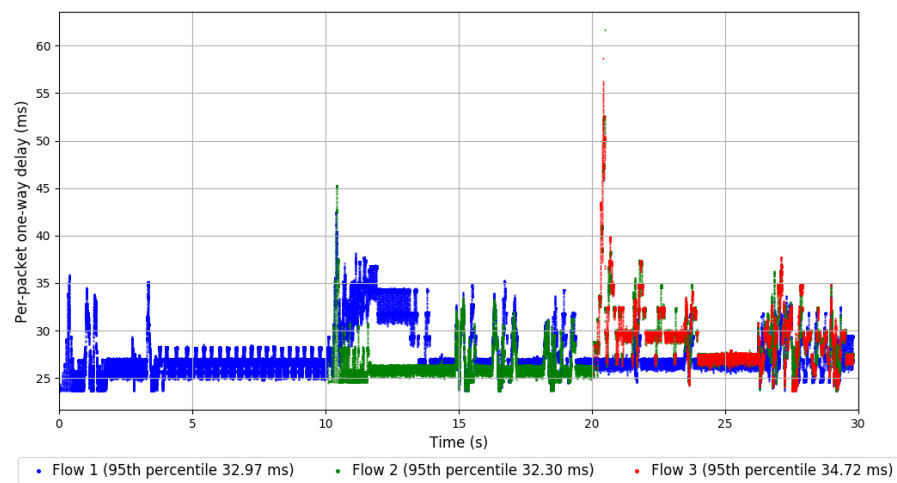
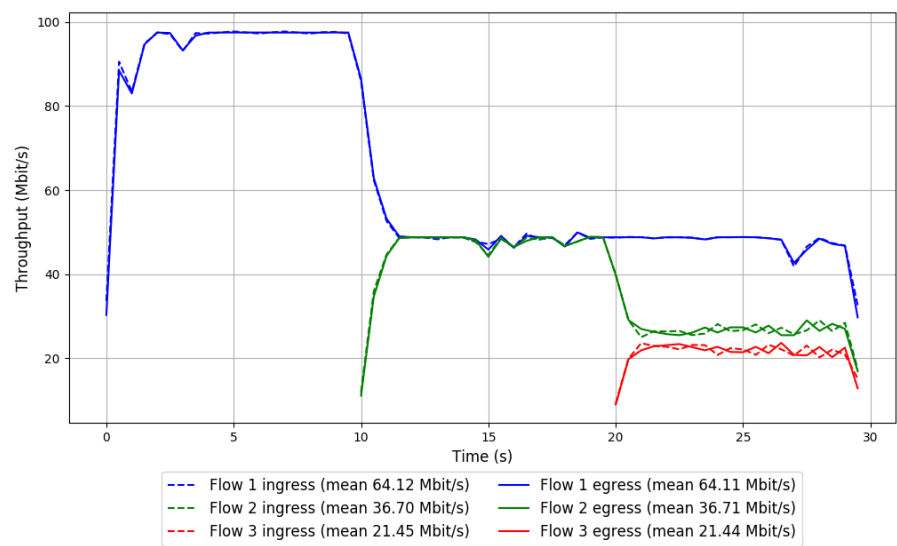
-- Flow 3:

Average throughput: 21.44 Mbit/s

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

Loss rate: 0.63%

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

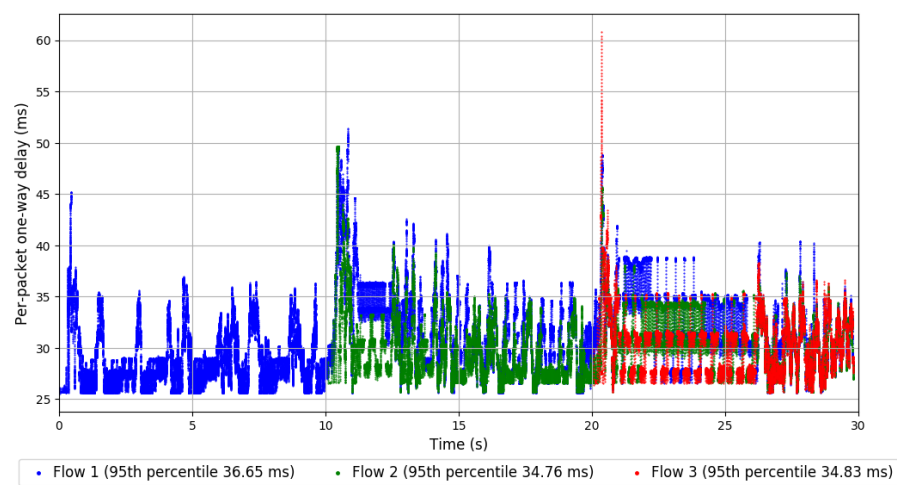
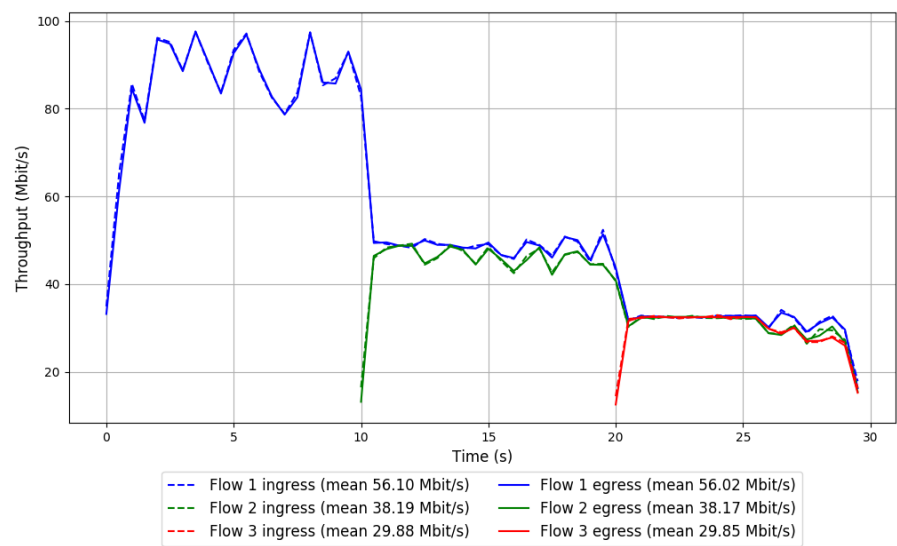


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-06 12:27:10
End at: 2018-03-06 12:27:40
Local clock offset: 0.812 ms
Remote clock offset: -2.335 ms

Below is generated by plot.py at 2018-03-06 20:42:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 36.216 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 56.02 Mbit/s
95th percentile per-packet one-way delay: 36.654 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 34.762 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 34.828 ms
Loss rate: 0.66%

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

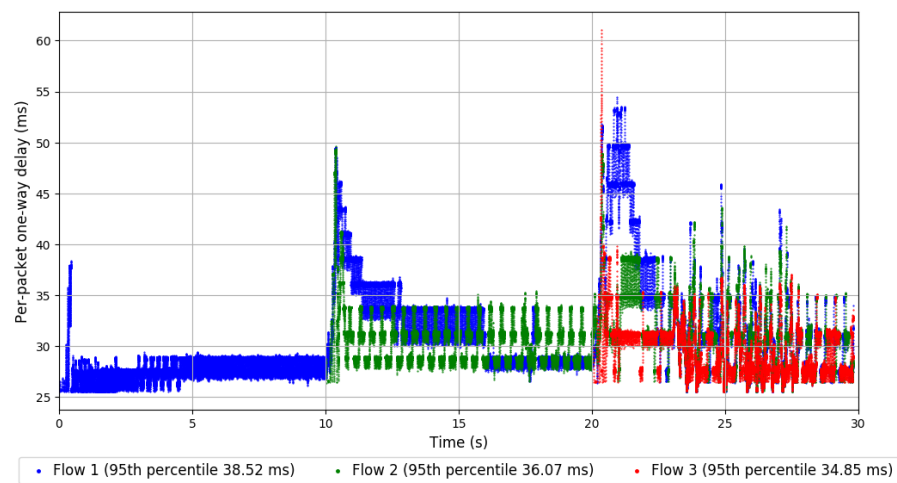
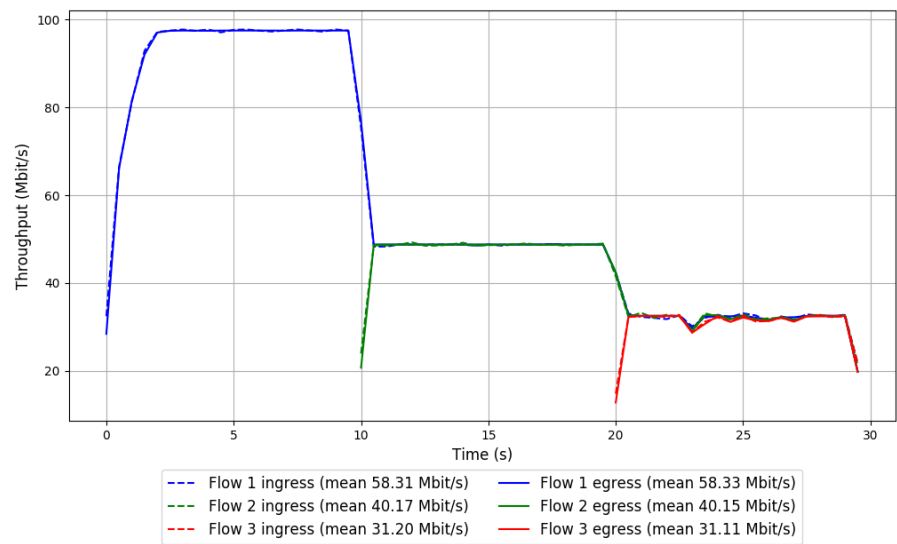


Run 3: Statistics of Indigo-1-32

Start at: 2018-03-06 12:51:45
End at: 2018-03-06 12:52:15
Local clock offset: 0.969 ms
Remote clock offset: -3.788 ms

Below is generated by plot.py at 2018-03-06 20:42:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 37.635 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 38.518 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 36.073 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 31.11 Mbit/s
95th percentile per-packet one-way delay: 34.849 ms
Loss rate: 0.78%

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

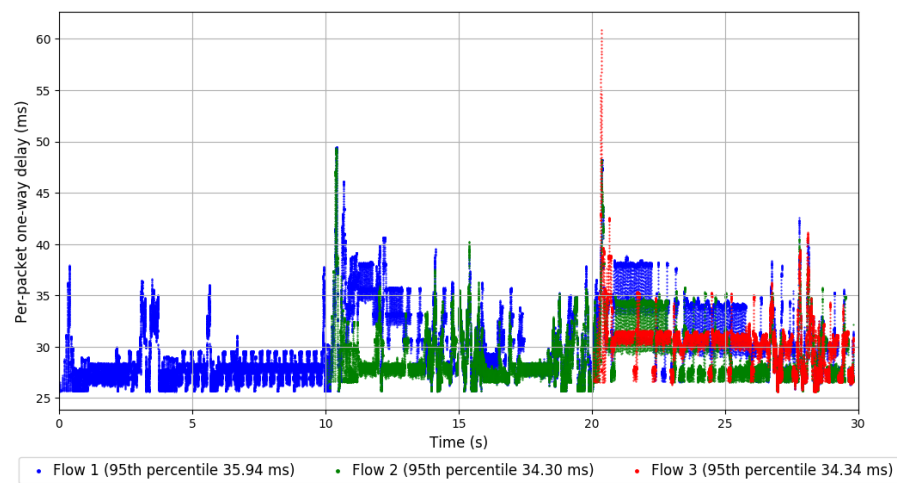
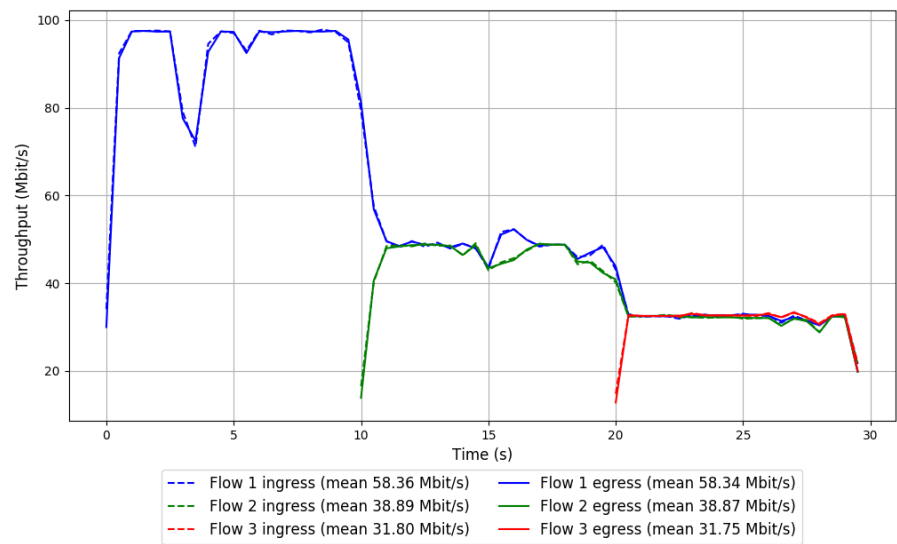


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-06 13:16:23
End at: 2018-03-06 13:16:53
Local clock offset: 1.001 ms
Remote clock offset: -3.384 ms

Below is generated by plot.py at 2018-03-06 20:42:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 35.533 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 58.34 Mbit/s
95th percentile per-packet one-way delay: 35.944 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 38.87 Mbit/s
95th percentile per-packet one-way delay: 34.300 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 34.344 ms
Loss rate: 0.67%

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

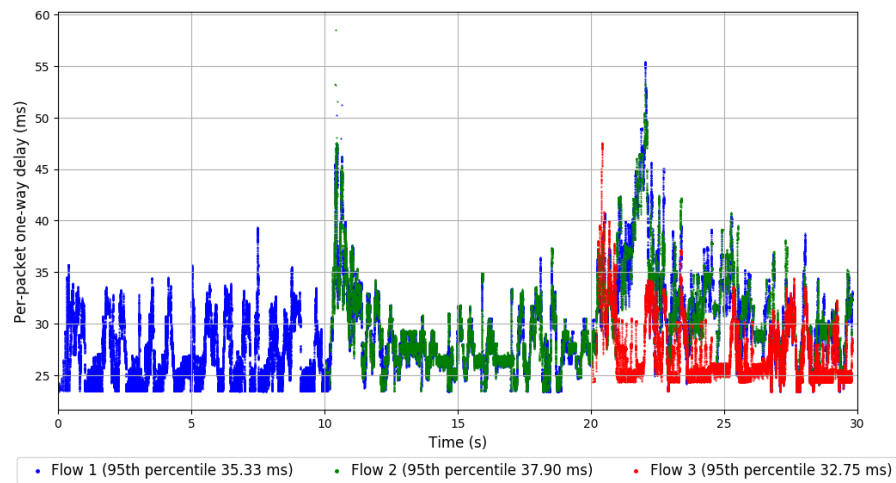
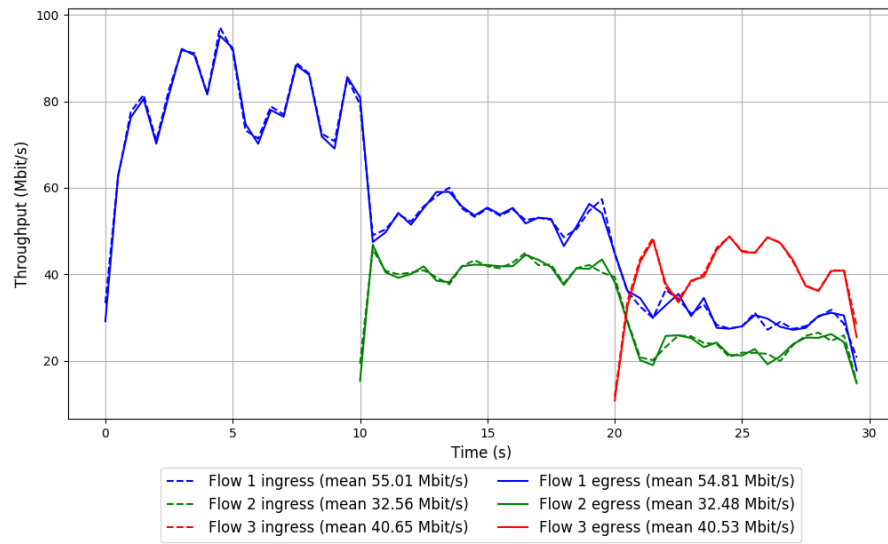


Run 5: Statistics of Indigo-1-32

Start at: 2018-03-06 13:40:55
End at: 2018-03-06 13:41:25
Local clock offset: 0.946 ms
Remote clock offset: -0.971 ms

Below is generated by plot.py at 2018-03-06 20:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 35.879 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 54.81 Mbit/s
95th percentile per-packet one-way delay: 35.333 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 37.903 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 32.746 ms
Loss rate: 0.85%

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

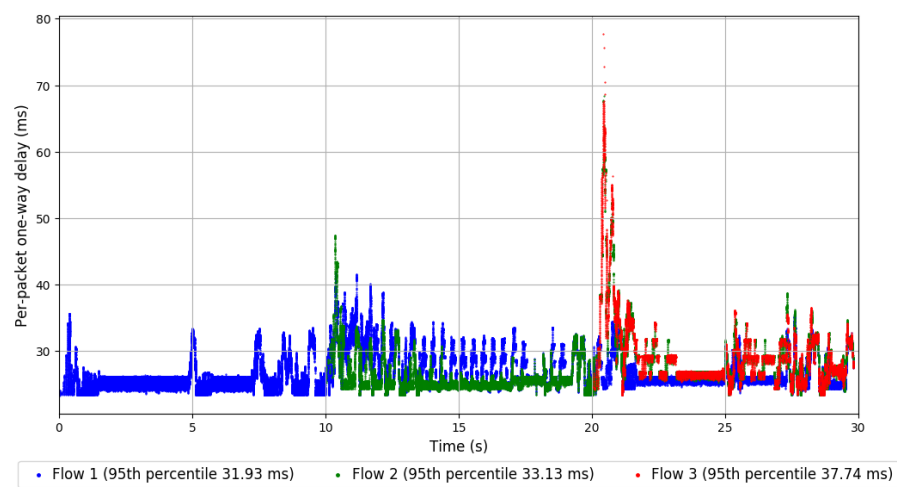
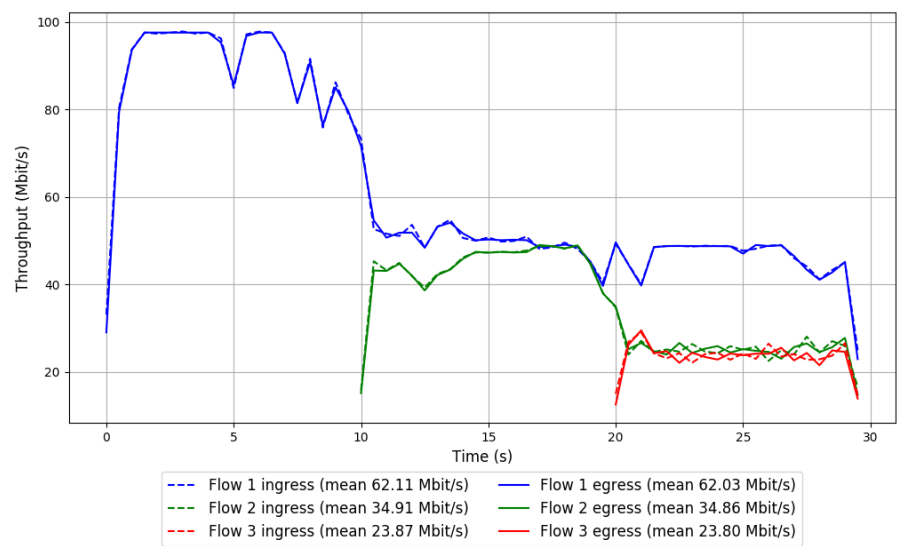


Run 6: Statistics of Indigo-1-32

Start at: 2018-03-06 14:05:45
End at: 2018-03-06 14:06:15
Local clock offset: 0.828 ms
Remote clock offset: -2.081 ms

Below is generated by plot.py at 2018-03-06 20:42:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 32.507 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 62.03 Mbit/s
95th percentile per-packet one-way delay: 31.925 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 34.86 Mbit/s
95th percentile per-packet one-way delay: 33.131 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 23.80 Mbit/s
95th percentile per-packet one-way delay: 37.743 ms
Loss rate: 0.86%

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

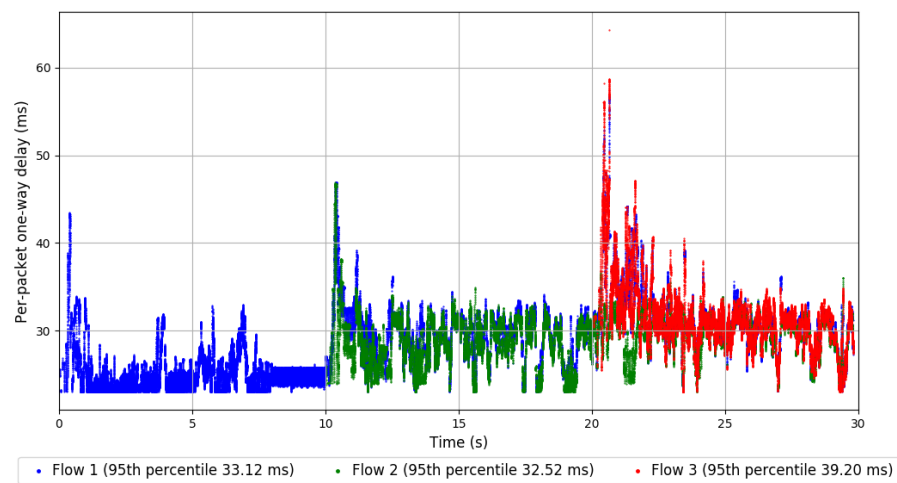
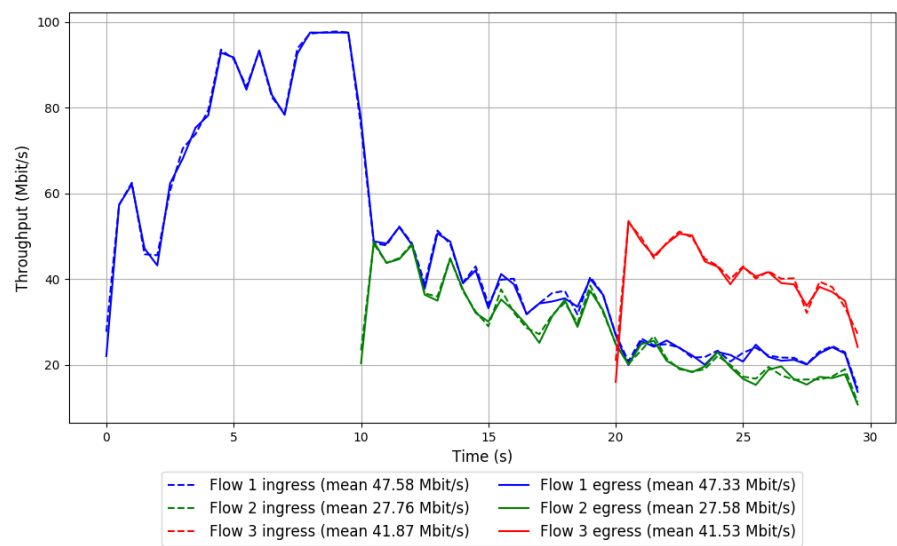


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-06 14:30:34
End at: 2018-03-06 14:31:04
Local clock offset: 0.994 ms
Remote clock offset: -0.245 ms

Below is generated by plot.py at 2018-03-06 20:43:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: 34.309 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 47.33 Mbit/s
95th percentile per-packet one-way delay: 33.122 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 27.58 Mbit/s
95th percentile per-packet one-way delay: 32.525 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 41.53 Mbit/s
95th percentile per-packet one-way delay: 39.195 ms
Loss rate: 1.43%

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

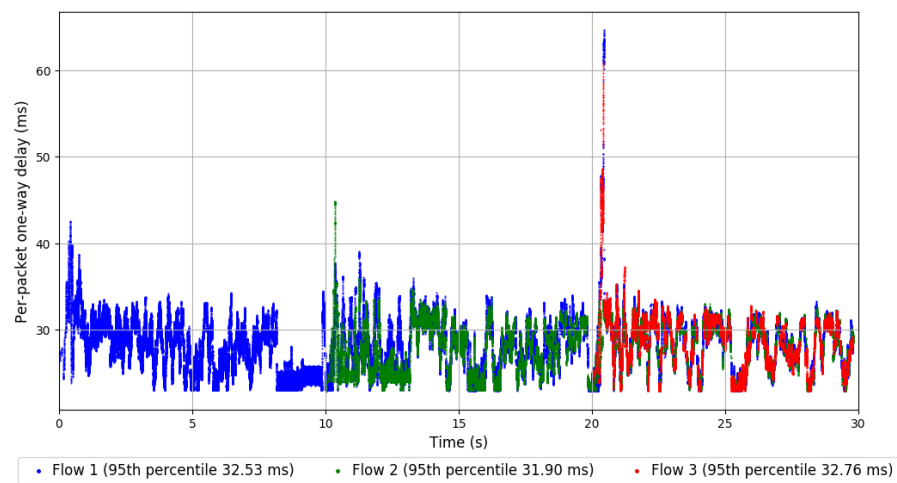
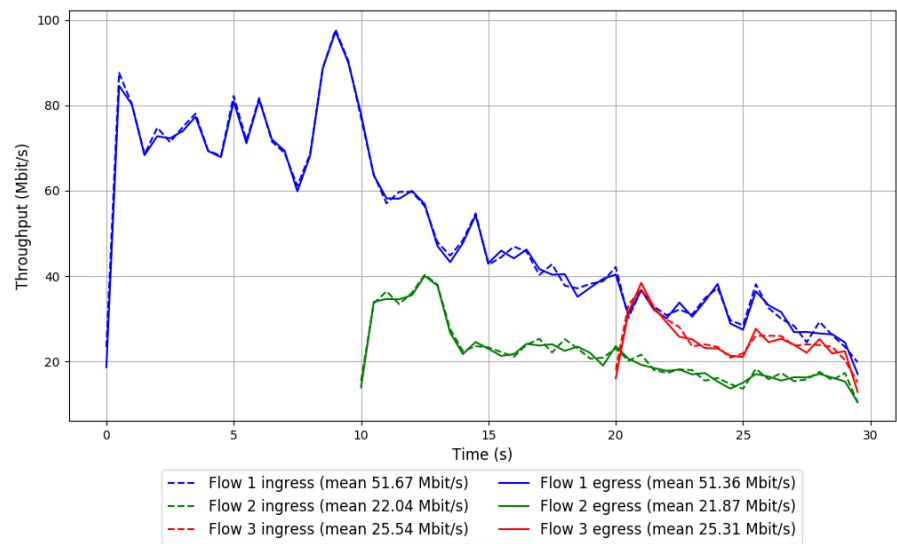


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-06 14:56:57
End at: 2018-03-06 14:57:27
Local clock offset: 0.952 ms
Remote clock offset: -3.821 ms

Below is generated by plot.py at 2018-03-06 20:43:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.11 Mbit/s
95th percentile per-packet one-way delay: 32.411 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 51.36 Mbit/s
95th percentile per-packet one-way delay: 32.534 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 21.87 Mbit/s
95th percentile per-packet one-way delay: 31.900 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 32.760 ms
Loss rate: 1.44%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-06 15:22:41

End at: 2018-03-06 15:23:11

Local clock offset: 0.769 ms

Remote clock offset: -11.6 ms

Below is generated by plot.py at 2018-03-06 20:43:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.55 Mbit/s

95th percentile per-packet one-way delay: 38.056 ms

Loss rate: 0.58%

-- Flow 1:

Average throughput: 53.81 Mbit/s

95th percentile per-packet one-way delay: 37.832 ms

Loss rate: 0.52%

-- Flow 2:

Average throughput: 25.75 Mbit/s

95th percentile per-packet one-way delay: 40.767 ms

Loss rate: 0.70%

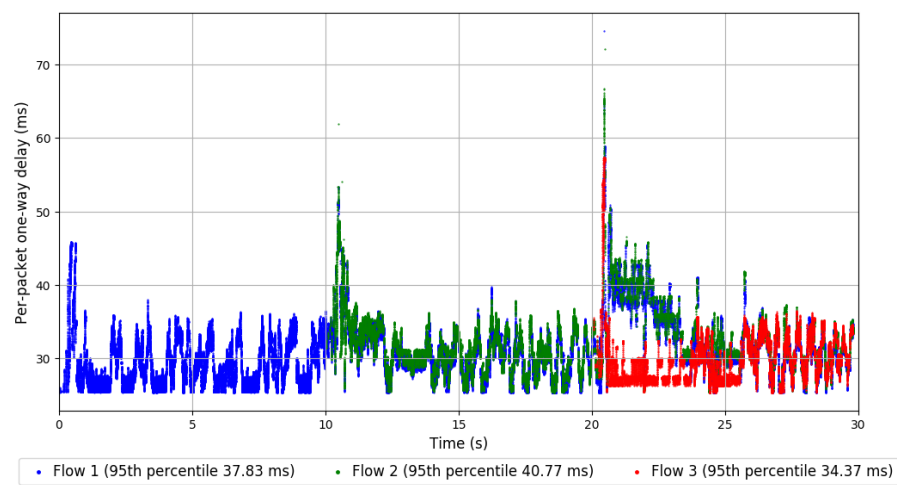
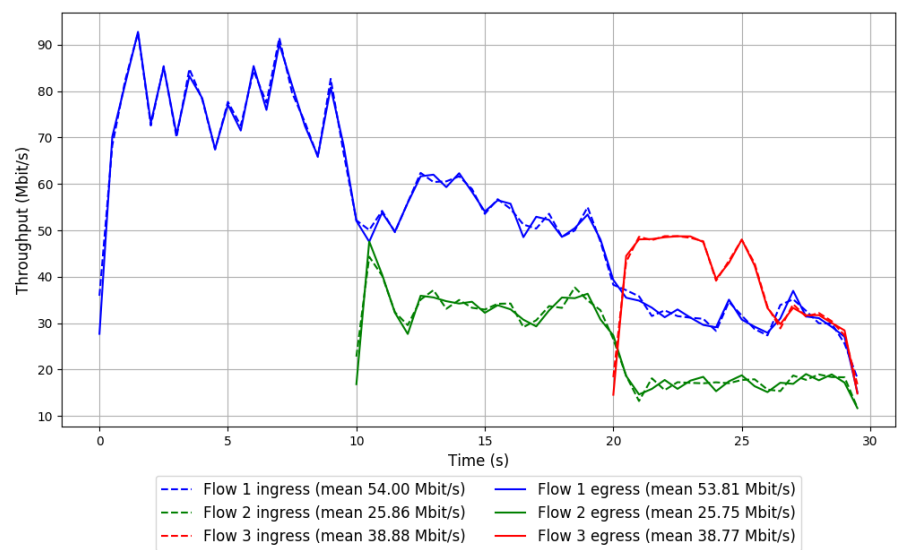
-- Flow 3:

Average throughput: 38.77 Mbit/s

95th percentile per-packet one-way delay: 34.366 ms

Loss rate: 0.67%

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

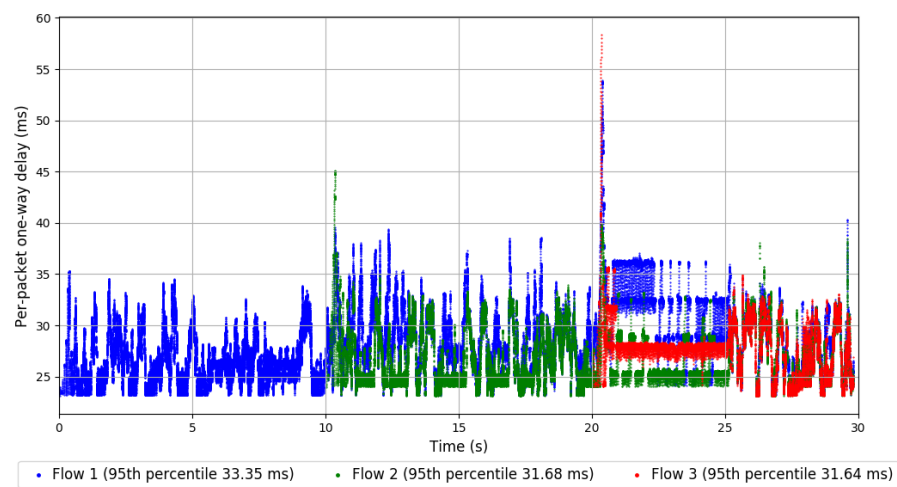
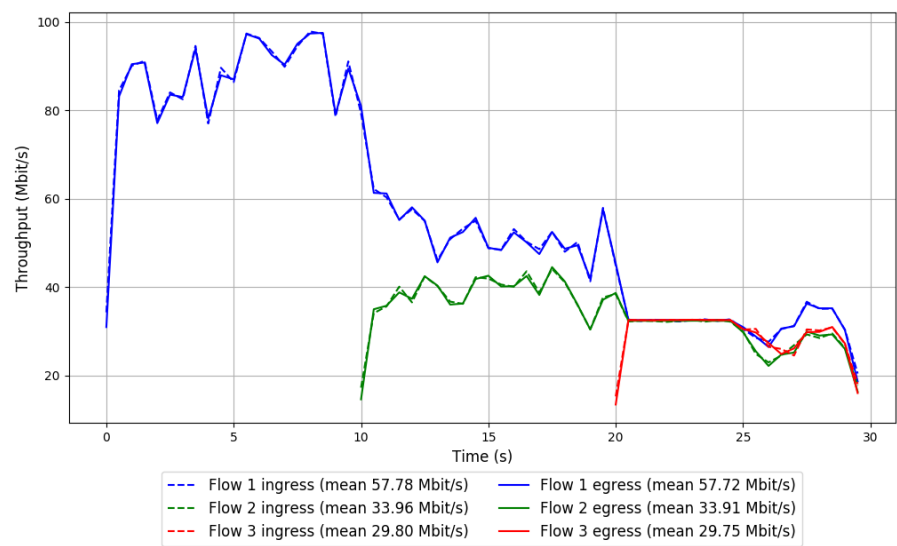


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-06 15:48:02
End at: 2018-03-06 15:48:32
Local clock offset: 0.764 ms
Remote clock offset: -11.461 ms

Below is generated by plot.py at 2018-03-06 20:43:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.96 Mbit/s
95th percentile per-packet one-way delay: 32.629 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 57.72 Mbit/s
95th percentile per-packet one-way delay: 33.350 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 33.91 Mbit/s
95th percentile per-packet one-way delay: 31.684 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 31.636 ms
Loss rate: 0.68%

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

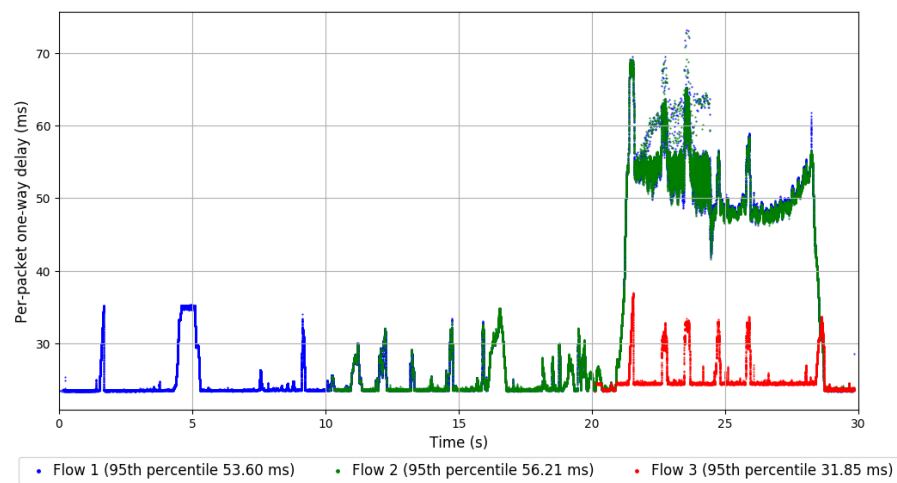
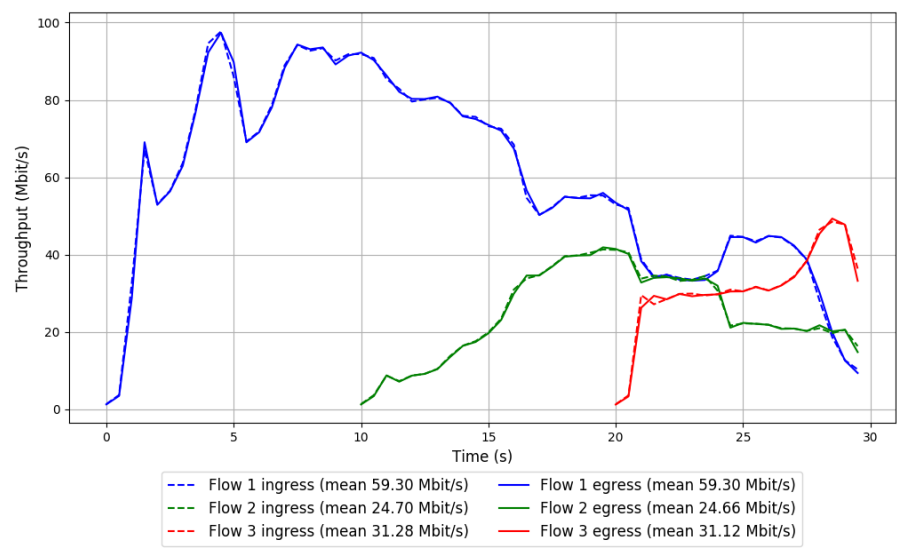


Run 1: Statistics of Vivace-latency

Start at: 2018-03-06 11:49:05
End at: 2018-03-06 11:49:35
Local clock offset: 0.808 ms
Remote clock offset: -0.783 ms

Below is generated by plot.py at 2018-03-06 20:43:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 54.373 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 59.30 Mbit/s
95th percentile per-packet one-way delay: 53.598 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 56.212 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 31.851 ms
Loss rate: 1.06%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-03-06 12:13:39

End at: 2018-03-06 12:14:09

Local clock offset: 0.771 ms

Remote clock offset: -0.76 ms

Below is generated by plot.py at 2018-03-06 20:43:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.08 Mbit/s

95th percentile per-packet one-way delay: 44.754 ms

Loss rate: 0.37%

-- Flow 1:

Average throughput: 60.17 Mbit/s

95th percentile per-packet one-way delay: 43.084 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 27.75 Mbit/s

95th percentile per-packet one-way delay: 46.014 ms

Loss rate: 0.54%

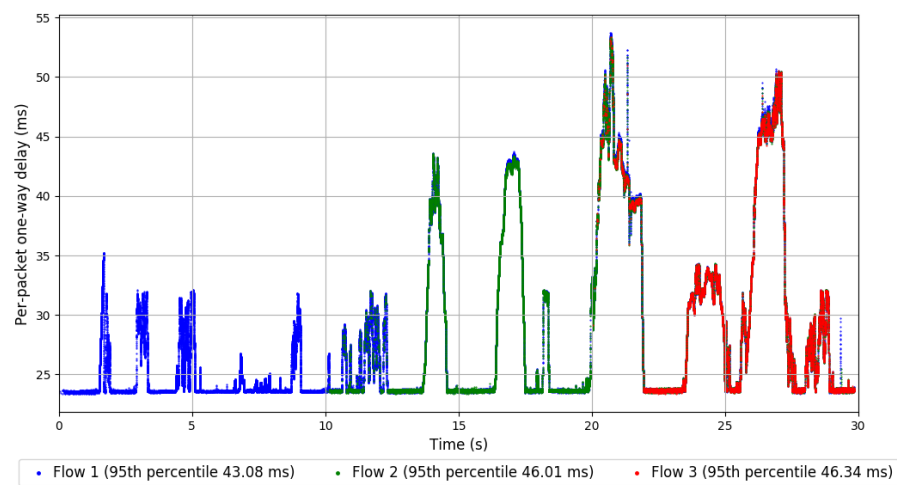
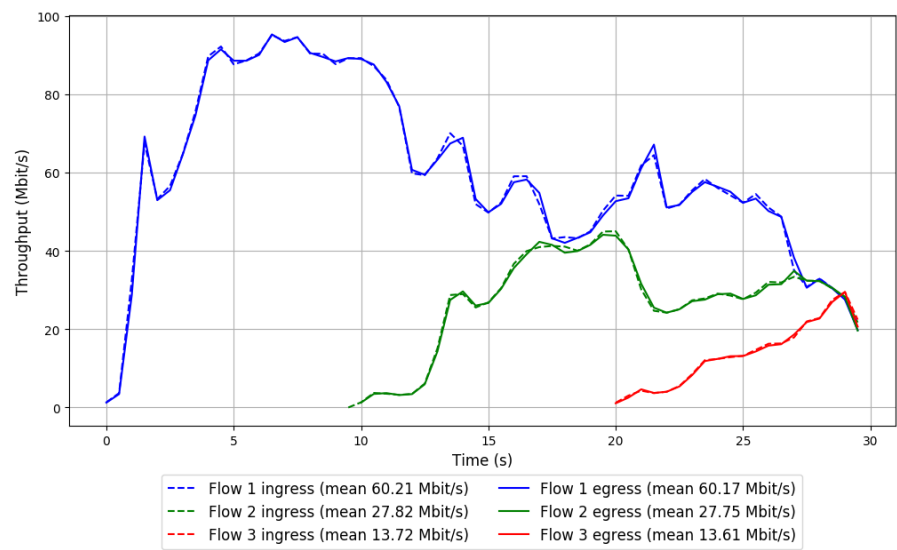
-- Flow 3:

Average throughput: 13.61 Mbit/s

95th percentile per-packet one-way delay: 46.340 ms

Loss rate: 1.35%

Run 2: Report of Vivace-latency — Data Link

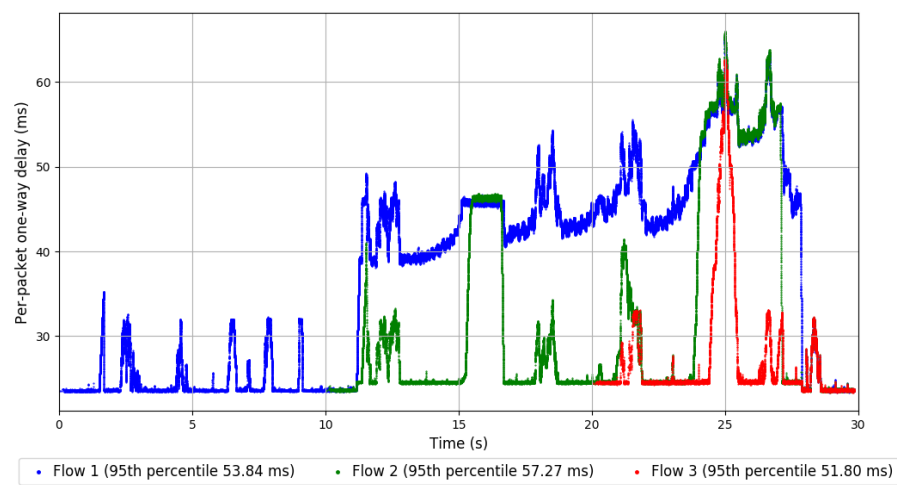
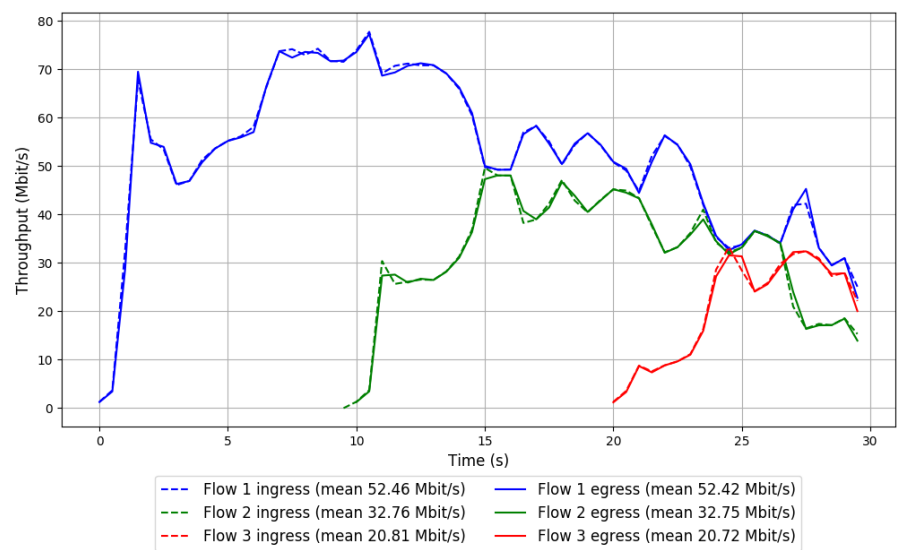


Run 3: Statistics of Vivace-latency

Start at: 2018-03-06 12:38:19
End at: 2018-03-06 12:38:49
Local clock offset: 0.98 ms
Remote clock offset: -1.082 ms

Below is generated by plot.py at 2018-03-06 20:43:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.00 Mbit/s
95th percentile per-packet one-way delay: 55.791 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 53.837 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 57.272 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 20.72 Mbit/s
95th percentile per-packet one-way delay: 51.802 ms
Loss rate: 0.98%

Run 3: Report of Vivace-latency — Data Link

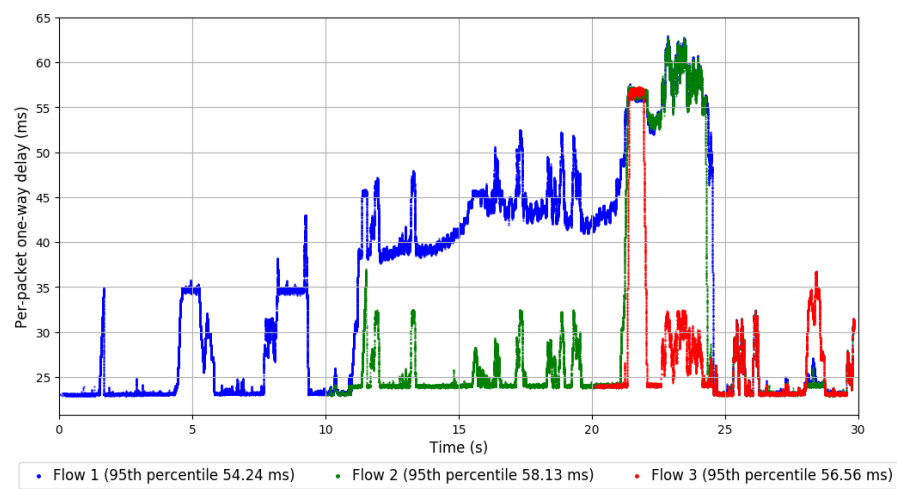
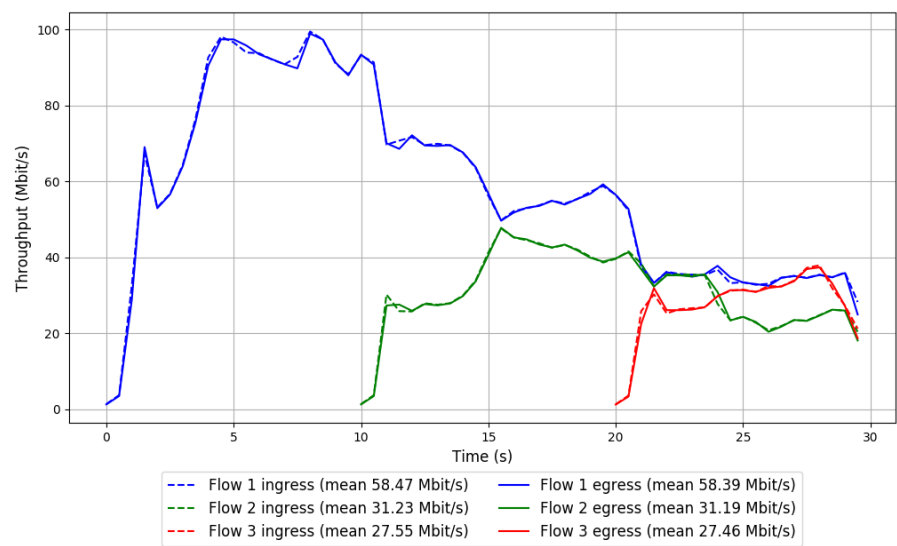


Run 4: Statistics of Vivace-latency

Start at: 2018-03-06 13:02:50
End at: 2018-03-06 13:03:20
Local clock offset: 1.101 ms
Remote clock offset: -1.282 ms

Below is generated by plot.py at 2018-03-06 20:44:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 56.440 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 54.245 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 58.127 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 27.46 Mbit/s
95th percentile per-packet one-way delay: 56.557 ms
Loss rate: 0.85%

Run 4: Report of Vivace-latency — Data Link

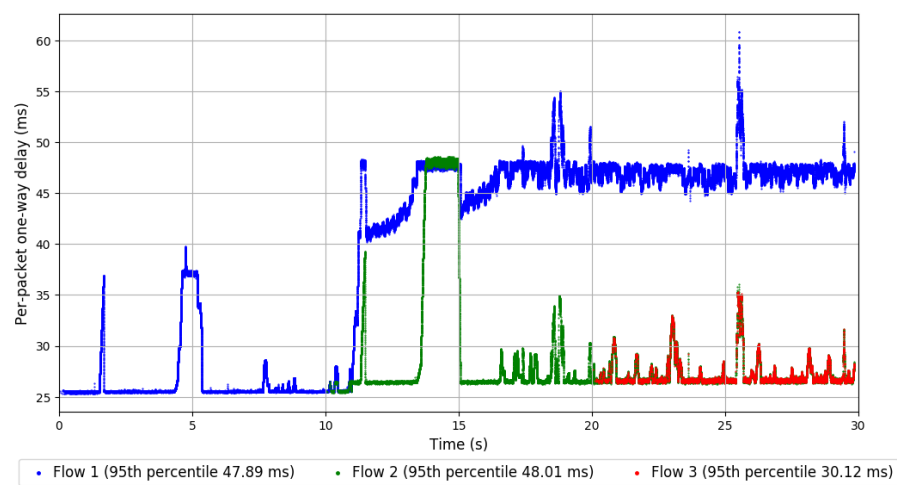
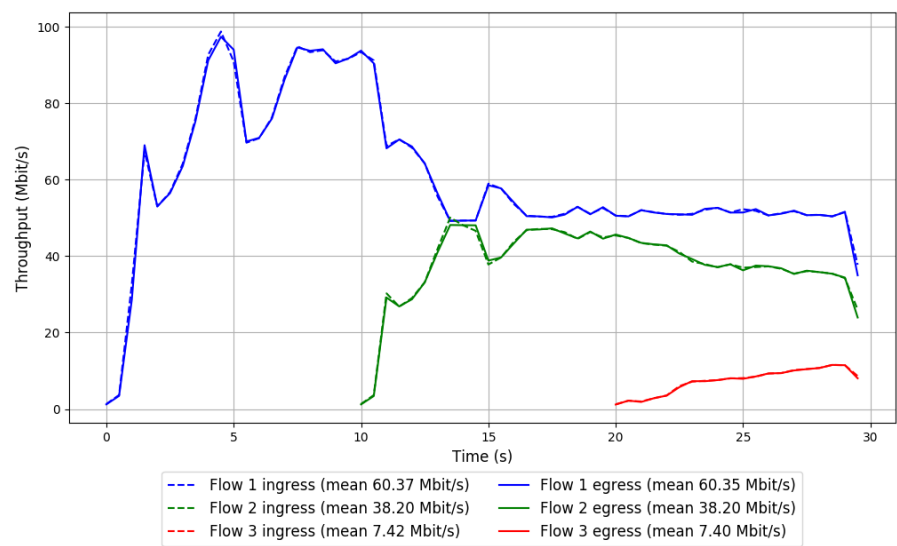


Run 5: Statistics of Vivace-latency

Start at: 2018-03-06 13:27:26
End at: 2018-03-06 13:27:56
Local clock offset: 0.868 ms
Remote clock offset: -3.187 ms

Below is generated by plot.py at 2018-03-06 20:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 47.908 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 60.35 Mbit/s
95th percentile per-packet one-way delay: 47.892 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 48.006 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 7.40 Mbit/s
95th percentile per-packet one-way delay: 30.121 ms
Loss rate: 0.87%

Run 5: Report of Vivace-latency — Data Link

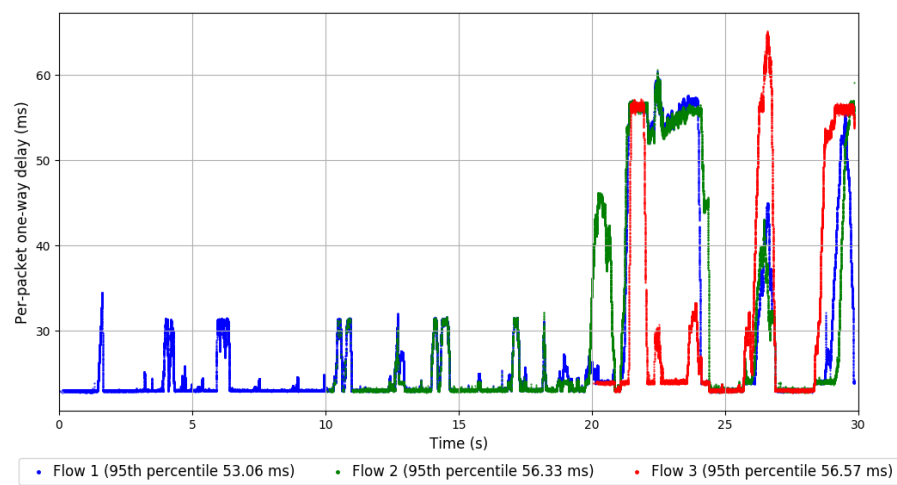
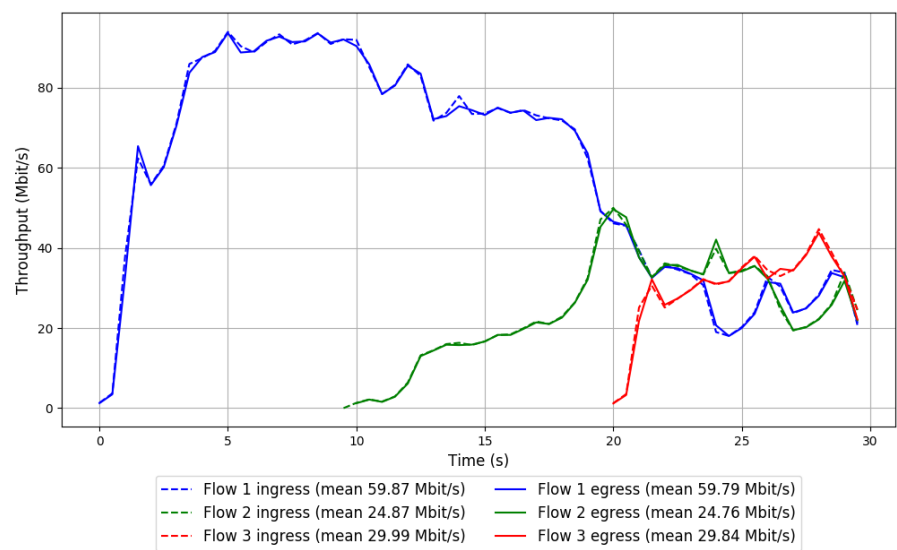


Run 6: Statistics of Vivace-latency

Start at: 2018-03-06 13:52:07
End at: 2018-03-06 13:52:37
Local clock offset: 0.838 ms
Remote clock offset: -1.281 ms

Below is generated by plot.py at 2018-03-06 20:44:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.04 Mbit/s
95th percentile per-packet one-way delay: 56.047 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 59.79 Mbit/s
95th percentile per-packet one-way delay: 53.063 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 56.332 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 29.84 Mbit/s
95th percentile per-packet one-way delay: 56.566 ms
Loss rate: 1.17%

Run 6: Report of Vivace-latency — Data Link

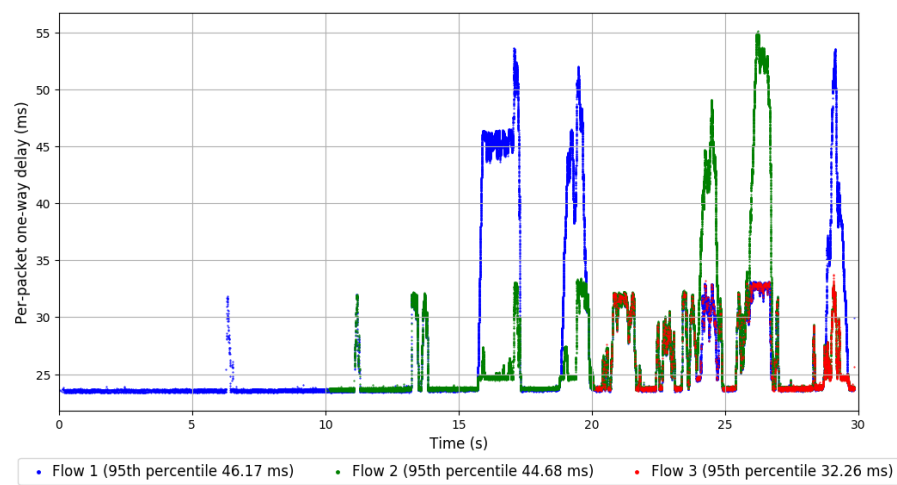
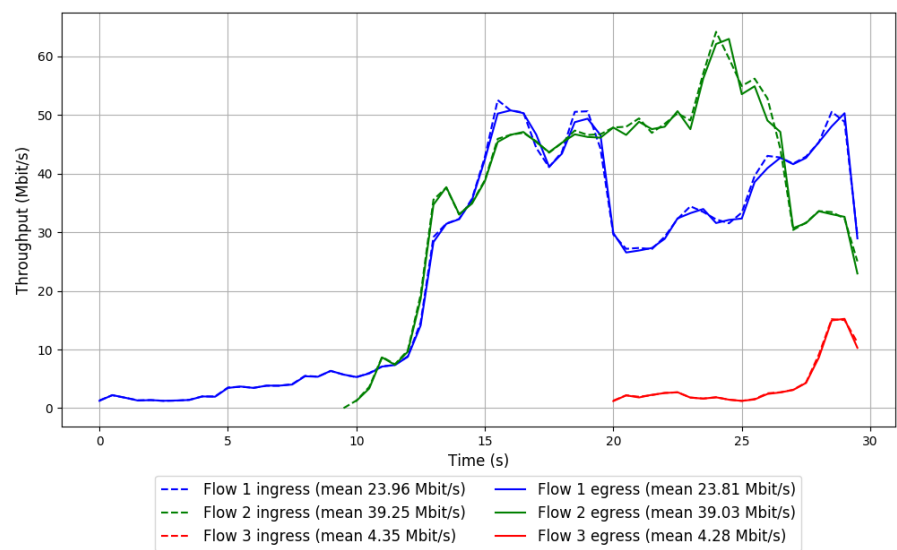


Run 7: Statistics of Vivace-latency

Start at: 2018-03-06 14:16:54
End at: 2018-03-06 14:17:24
Local clock offset: 0.931 ms
Remote clock offset: -1.936 ms

Below is generated by plot.py at 2018-03-06 20:44:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.15 Mbit/s
95th percentile per-packet one-way delay: 46.074 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 23.81 Mbit/s
95th percentile per-packet one-way delay: 46.173 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 44.681 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 32.259 ms
Loss rate: 2.20%

Run 7: Report of Vivace-latency — Data Link

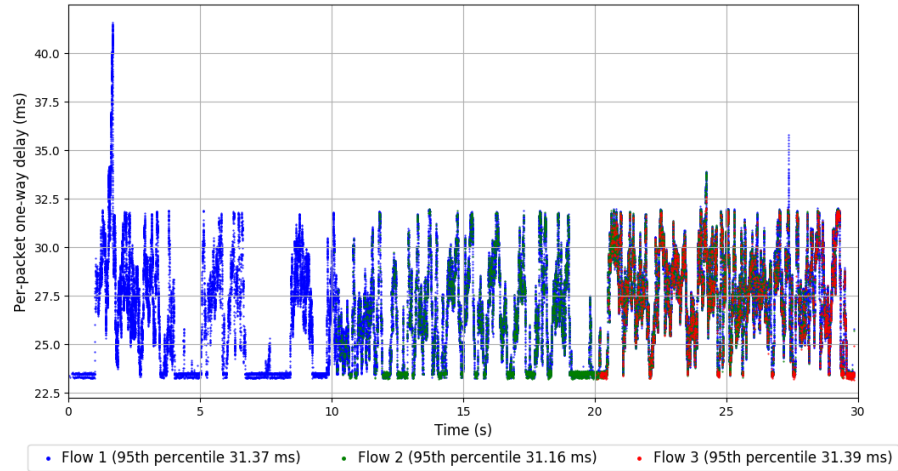
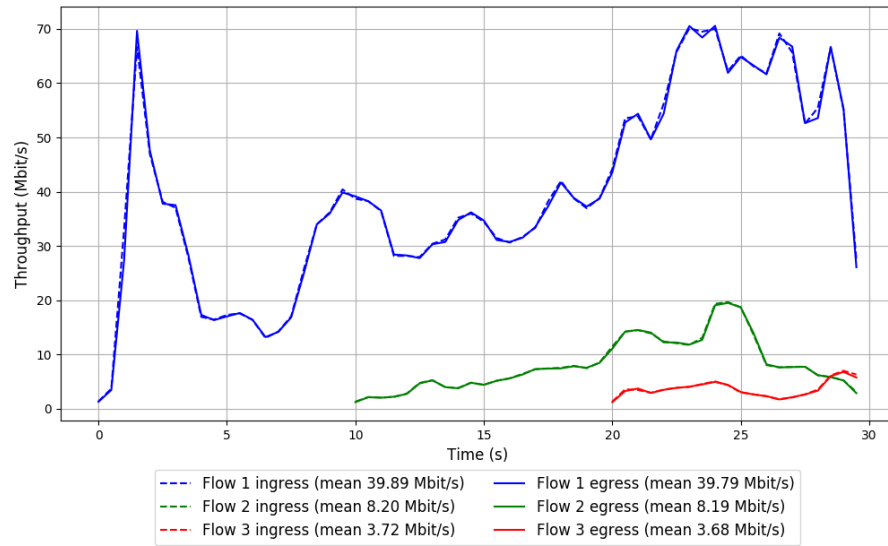


Run 8: Statistics of Vivace-latency

Start at: 2018-03-06 14:42:00
End at: 2018-03-06 14:42:30
Local clock offset: 0.942 ms
Remote clock offset: -0.381 ms

Below is generated by plot.py at 2018-03-06 20:44:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.44 Mbit/s
95th percentile per-packet one-way delay: 31.350 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 39.79 Mbit/s
95th percentile per-packet one-way delay: 31.370 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 8.19 Mbit/s
95th percentile per-packet one-way delay: 31.158 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 3.68 Mbit/s
95th percentile per-packet one-way delay: 31.391 ms
Loss rate: 1.79%

Run 8: Report of Vivace-latency — Data Link

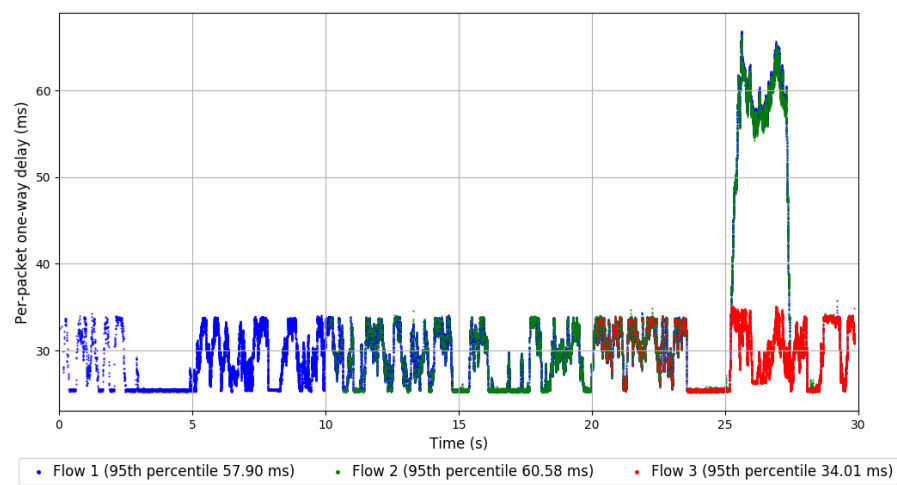
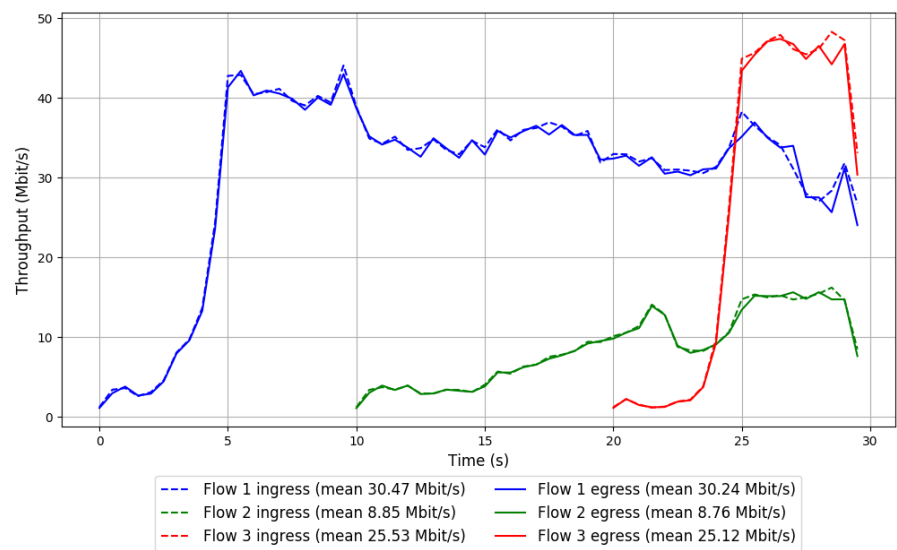


Run 9: Statistics of Vivace-latency

Start at: 2018-03-06 15:08:45
End at: 2018-03-06 15:09:15
Local clock offset: 0.954 ms
Remote clock offset: -9.361 ms

Below is generated by plot.py at 2018-03-06 20:44:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.32 Mbit/s
95th percentile per-packet one-way delay: 57.731 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 30.24 Mbit/s
95th percentile per-packet one-way delay: 57.904 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 60.581 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 25.12 Mbit/s
95th percentile per-packet one-way delay: 34.010 ms
Loss rate: 2.16%

Run 9: Report of Vivace-latency — Data Link

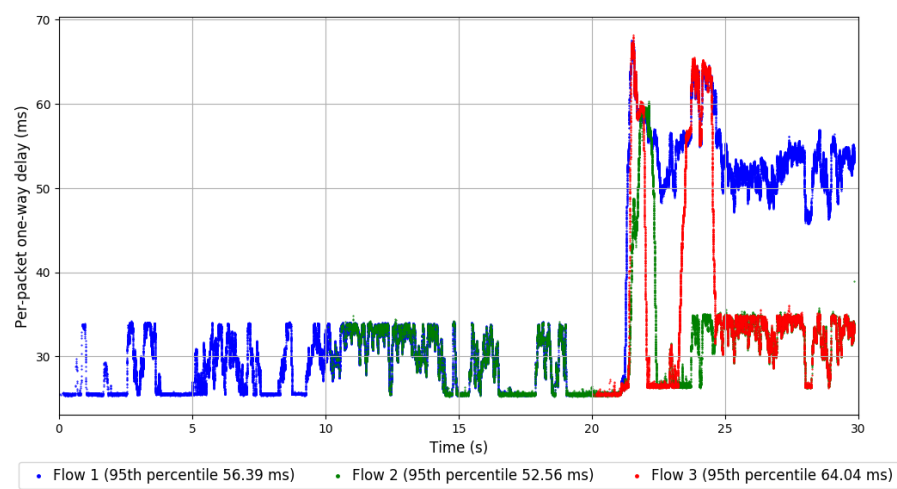
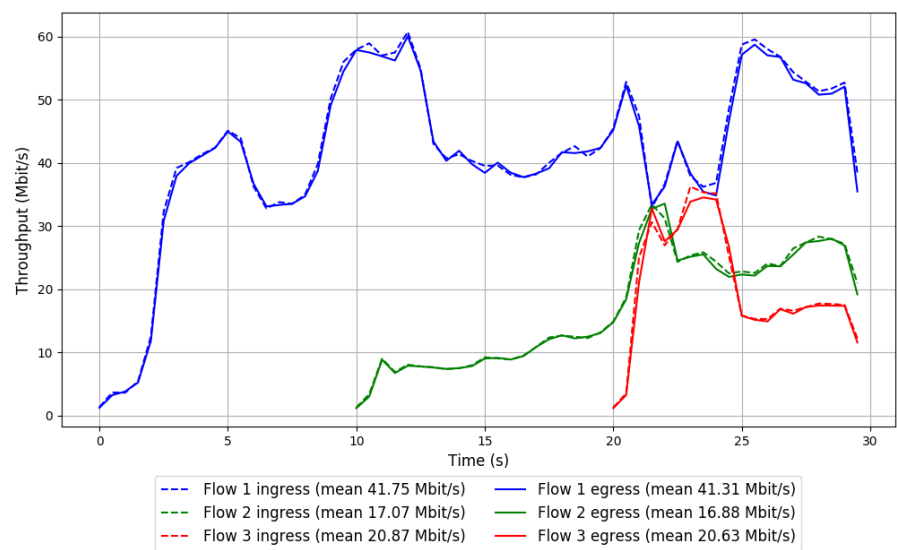


Run 10: Statistics of Vivace-latency

Start at: 2018-03-06 15:34:10
End at: 2018-03-06 15:34:40
Local clock offset: 0.777 ms
Remote clock offset: -12.94 ms

Below is generated by plot.py at 2018-03-06 20:44:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.30 Mbit/s
95th percentile per-packet one-way delay: 58.686 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 41.31 Mbit/s
95th percentile per-packet one-way delay: 56.394 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 16.88 Mbit/s
95th percentile per-packet one-way delay: 52.559 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 20.63 Mbit/s
95th percentile per-packet one-way delay: 64.036 ms
Loss rate: 1.65%

Run 10: Report of Vivace-latency — Data Link

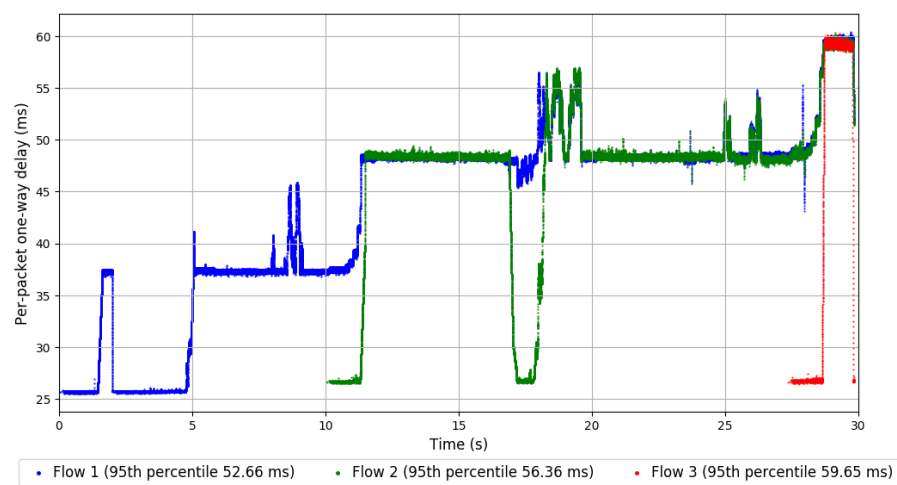
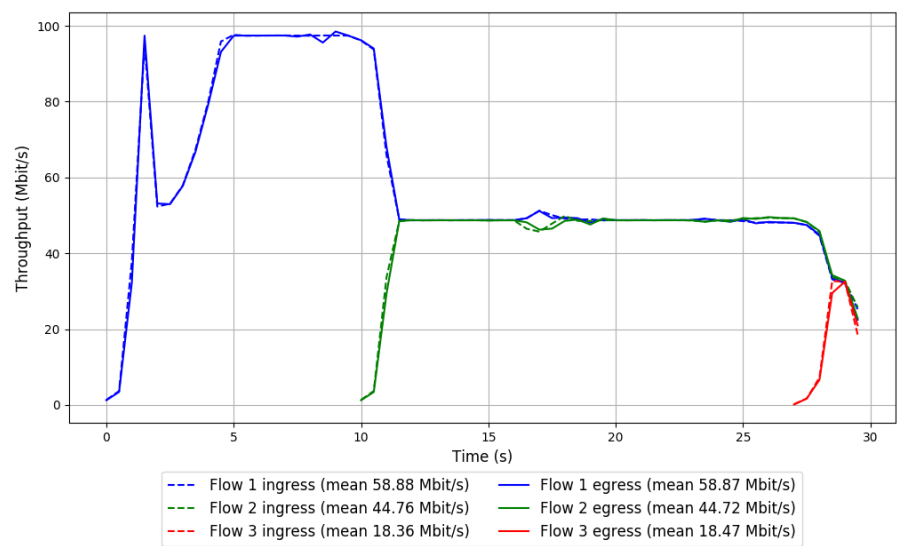


Run 1: Statistics of Vivace-loss

Start at: 2018-03-06 11:54:35
End at: 2018-03-06 11:55:05
Local clock offset: 0.821 ms
Remote clock offset: -2.698 ms

Below is generated by plot.py at 2018-03-06 20:45:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 55.968 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 52.662 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 44.72 Mbit/s
95th percentile per-packet one-way delay: 56.356 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 18.47 Mbit/s
95th percentile per-packet one-way delay: 59.645 ms
Loss rate: 1.50%

Run 1: Report of Vivace-loss — Data Link

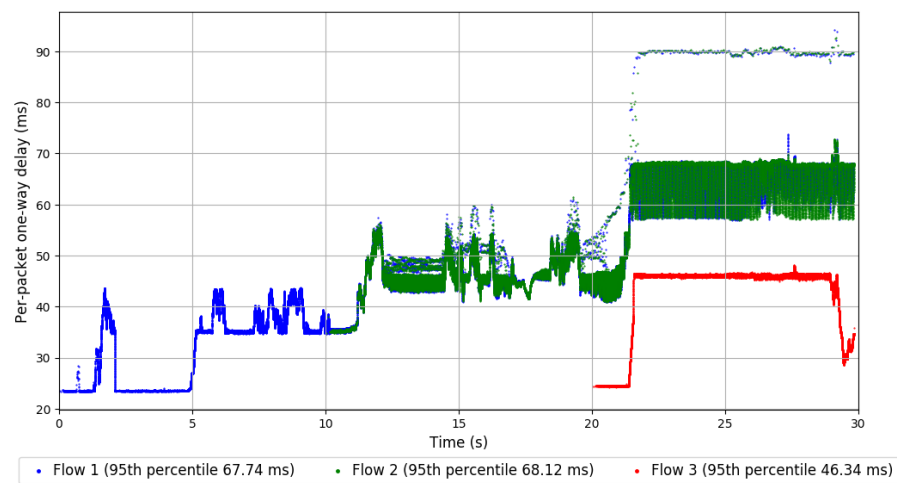
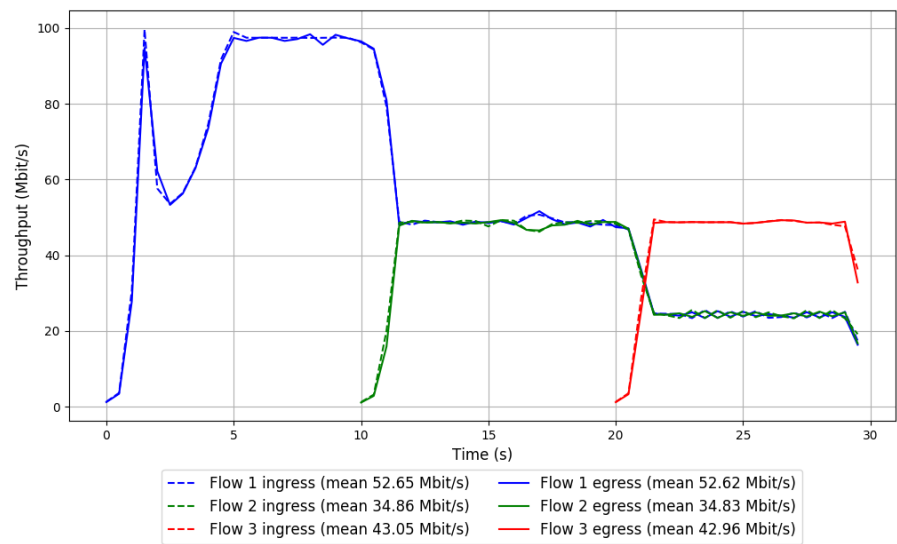


Run 2: Statistics of Vivace-loss

Start at: 2018-03-06 12:19:14
End at: 2018-03-06 12:19:44
Local clock offset: 0.836 ms
Remote clock offset: -0.531 ms

Below is generated by plot.py at 2018-03-06 20:45:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 67.872 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 52.62 Mbit/s
95th percentile per-packet one-way delay: 67.744 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 34.83 Mbit/s
95th percentile per-packet one-way delay: 68.123 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 42.96 Mbit/s
95th percentile per-packet one-way delay: 46.339 ms
Loss rate: 0.75%

Run 2: Report of Vivace-loss — Data Link

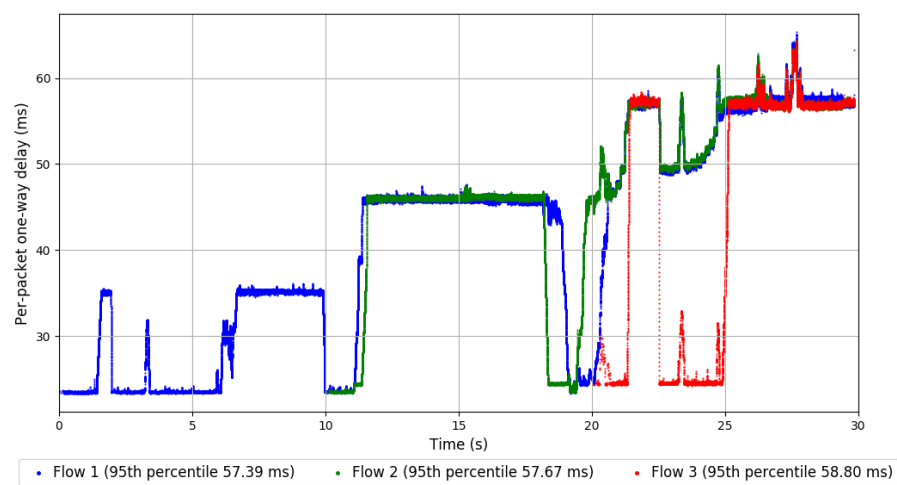
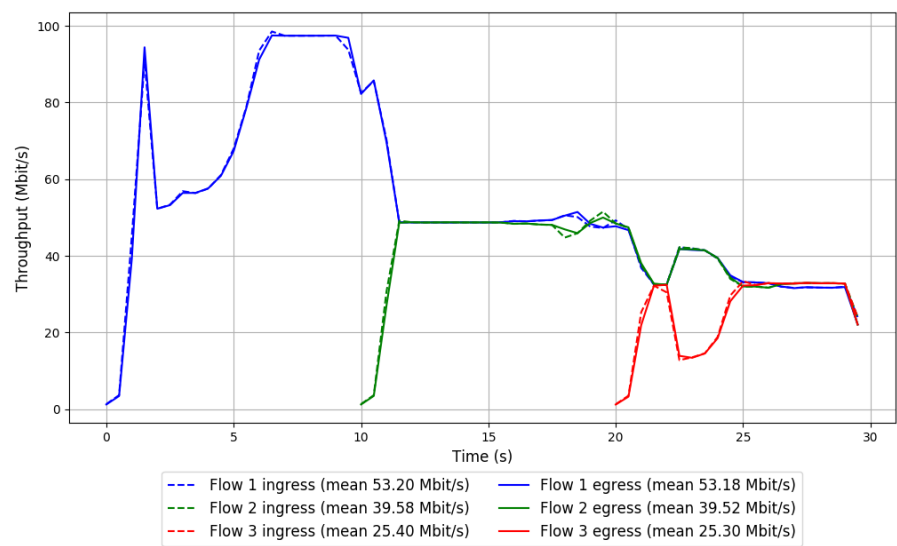


Run 3: Statistics of Vivace-loss

Start at: 2018-03-06 12:43:48
End at: 2018-03-06 12:44:18
Local clock offset: 0.991 ms
Remote clock offset: -1.445 ms

Below is generated by plot.py at 2018-03-06 20:45:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.75 Mbit/s
95th percentile per-packet one-way delay: 57.569 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 53.18 Mbit/s
95th percentile per-packet one-way delay: 57.392 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 39.52 Mbit/s
95th percentile per-packet one-way delay: 57.668 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 58.805 ms
Loss rate: 1.13%

Run 3: Report of Vivace-loss — Data Link

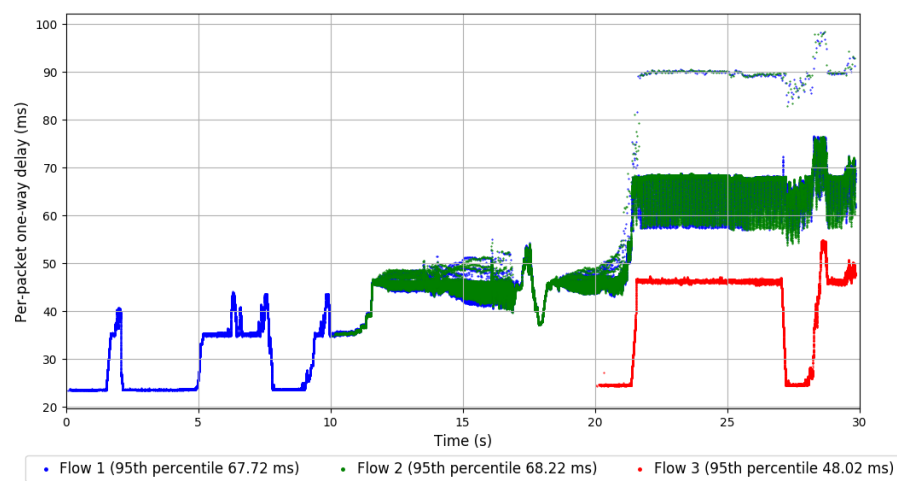
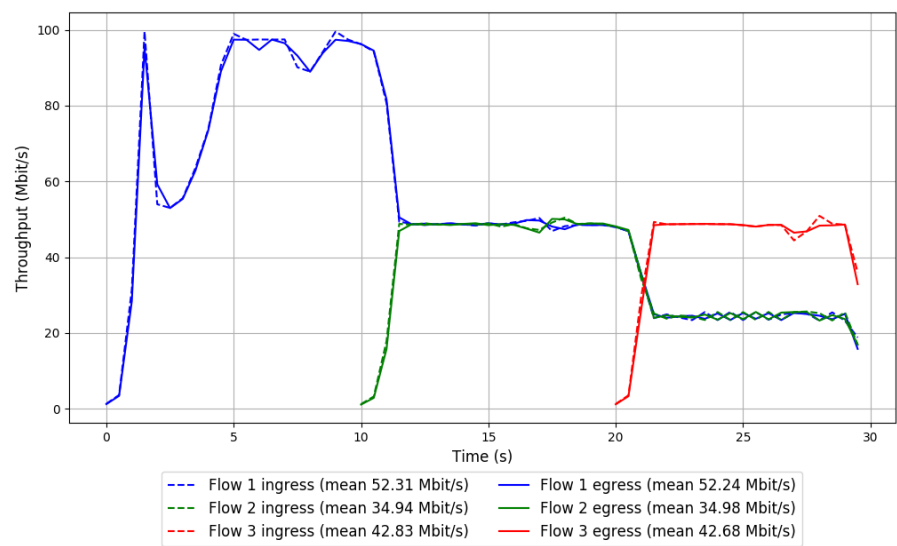


Run 4: Statistics of Vivace-loss

Start at: 2018-03-06 13:08:22
End at: 2018-03-06 13:08:52
Local clock offset: 1.069 ms
Remote clock offset: -1.608 ms

Below is generated by plot.py at 2018-03-06 20:45:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.48 Mbit/s
95th percentile per-packet one-way delay: 67.880 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 52.24 Mbit/s
95th percentile per-packet one-way delay: 67.722 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 34.98 Mbit/s
95th percentile per-packet one-way delay: 68.225 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 42.68 Mbit/s
95th percentile per-packet one-way delay: 48.018 ms
Loss rate: 1.00%

Run 4: Report of Vivace-loss — Data Link

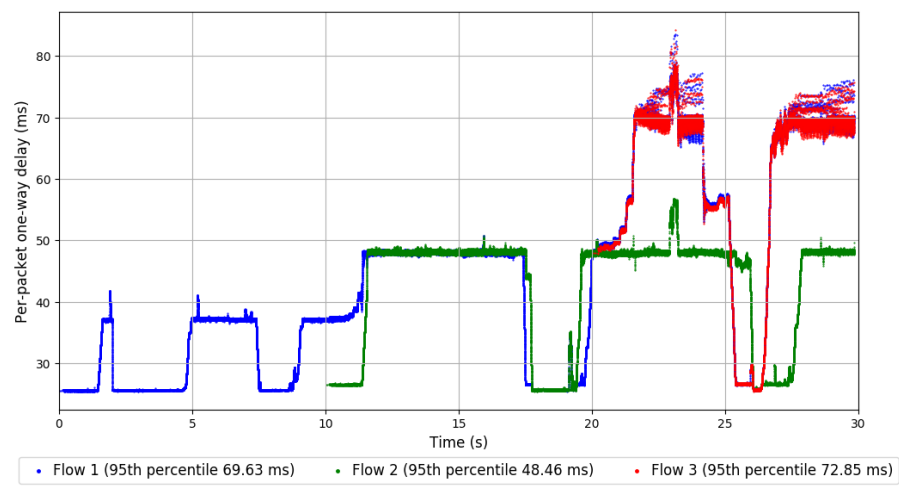
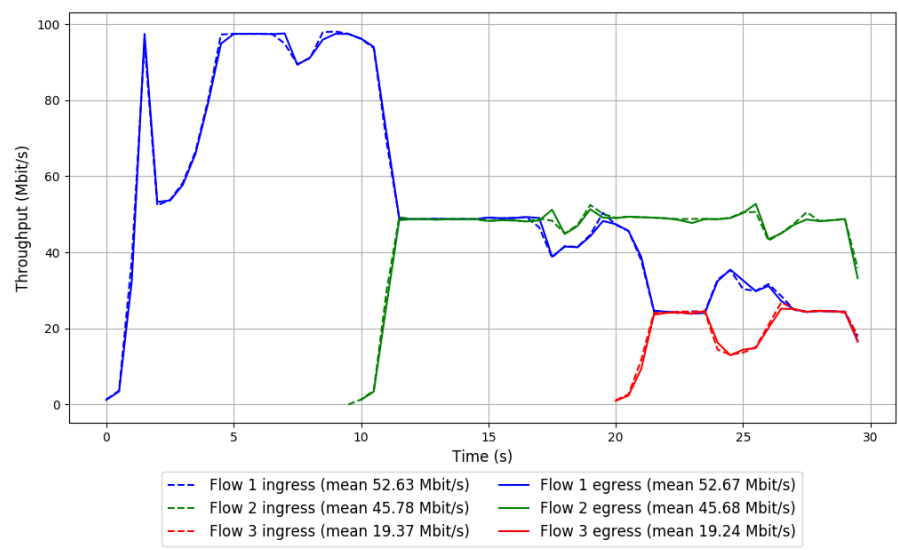


Run 5: Statistics of Vivace-loss

Start at: 2018-03-06 13:32:55
End at: 2018-03-06 13:33:25
Local clock offset: 0.929 ms
Remote clock offset: -3.128 ms

Below is generated by plot.py at 2018-03-06 20:46:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 69.700 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 52.67 Mbit/s
95th percentile per-packet one-way delay: 69.634 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 45.68 Mbit/s
95th percentile per-packet one-way delay: 48.462 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 19.24 Mbit/s
95th percentile per-packet one-way delay: 72.851 ms
Loss rate: 1.45%

Run 5: Report of Vivace-loss — Data Link

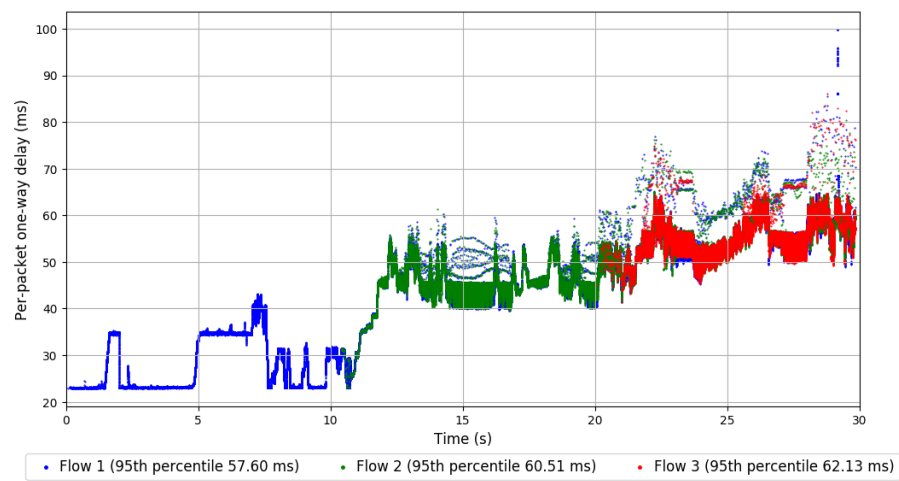
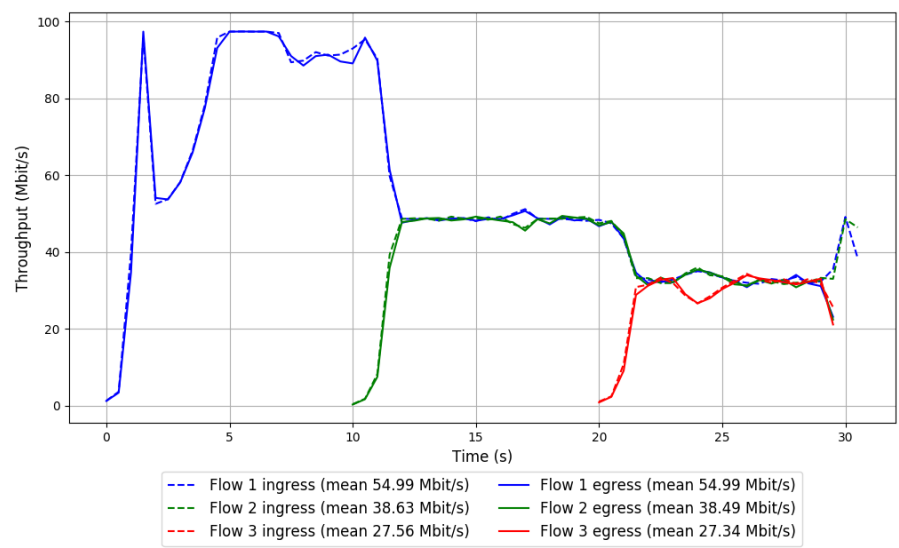


Run 6: Statistics of Vivace-loss

Start at: 2018-03-06 13:57:45
End at: 2018-03-06 13:58:15
Local clock offset: 0.806 ms
Remote clock offset: -1.563 ms

Below is generated by plot.py at 2018-03-06 20:46:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.20 Mbit/s
95th percentile per-packet one-way delay: 59.877 ms
Loss rate: 4.35%
-- Flow 1:
Average throughput: 54.99 Mbit/s
95th percentile per-packet one-way delay: 57.601 ms
Loss rate: 3.46%
-- Flow 2:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 60.507 ms
Loss rate: 7.11%
-- Flow 3:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 62.134 ms
Loss rate: 1.63%

Run 6: Report of Vivace-loss — Data Link

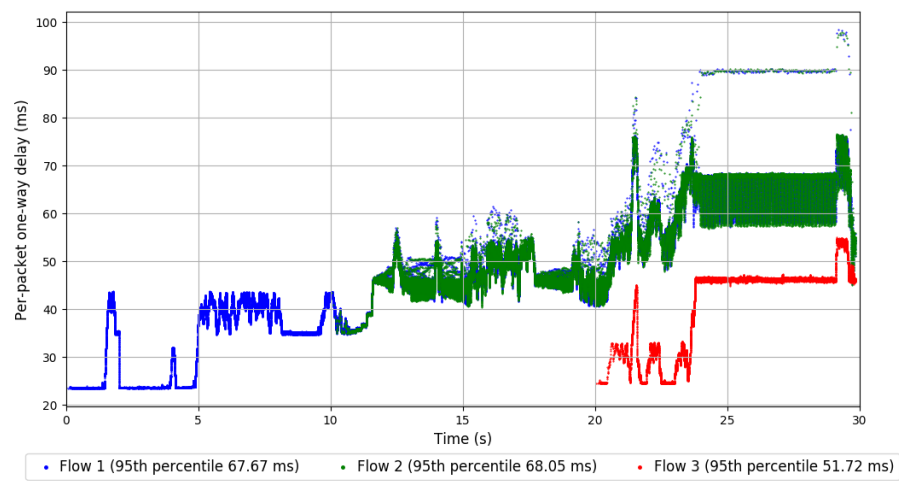
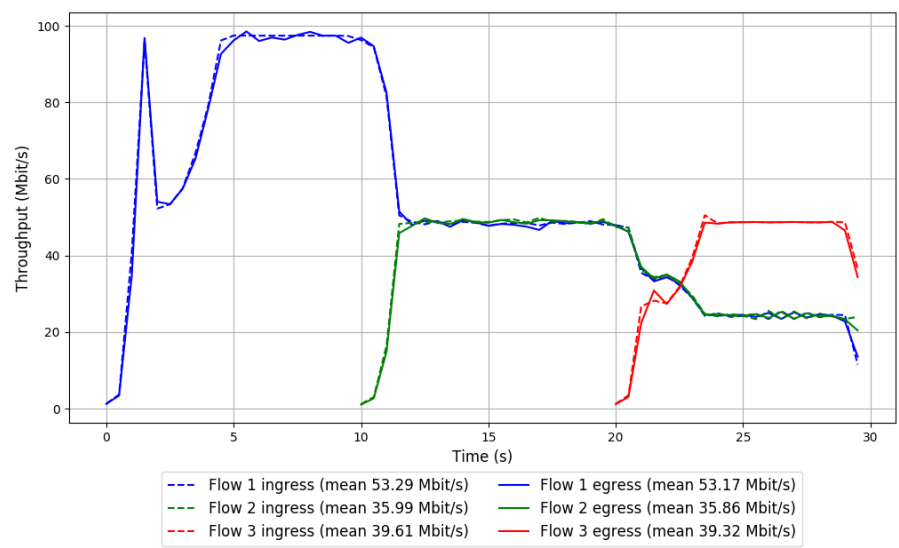


Run 7: Statistics of Vivace-loss

Start at: 2018-03-06 14:22:33
End at: 2018-03-06 14:23:03
Local clock offset: 0.95 ms
Remote clock offset: -1.261 ms

Below is generated by plot.py at 2018-03-06 20:46:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 67.786 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 67.673 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 35.86 Mbit/s
95th percentile per-packet one-way delay: 68.047 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 39.32 Mbit/s
95th percentile per-packet one-way delay: 51.720 ms
Loss rate: 1.28%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-03-06 14:48:19

End at: 2018-03-06 14:48:49

Local clock offset: 0.99 ms

Remote clock offset: -2.57 ms

Below is generated by plot.py at 2018-03-06 20:46:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 67.68 Mbit/s

95th percentile per-packet one-way delay: 67.341 ms

Loss rate: 1.68%

-- Flow 1:

Average throughput: 34.09 Mbit/s

95th percentile per-packet one-way delay: 67.039 ms

Loss rate: 1.39%

-- Flow 2:

Average throughput: 36.83 Mbit/s

95th percentile per-packet one-way delay: 67.364 ms

Loss rate: 1.82%

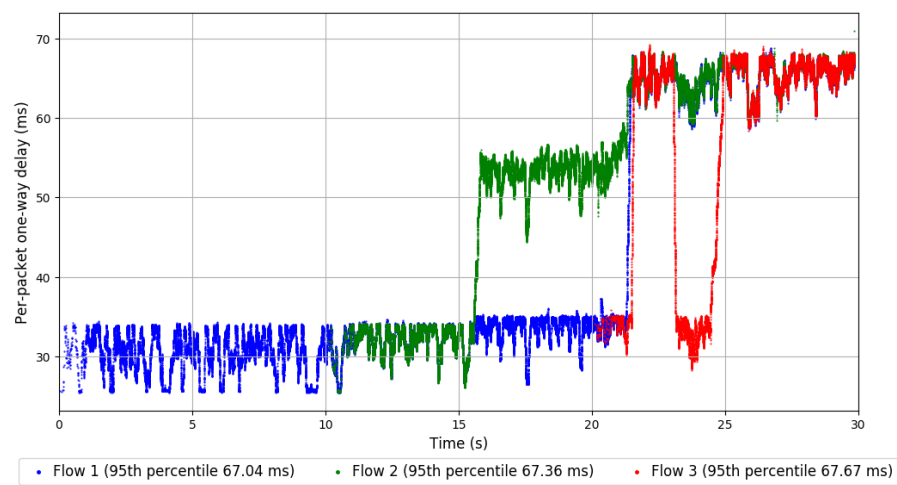
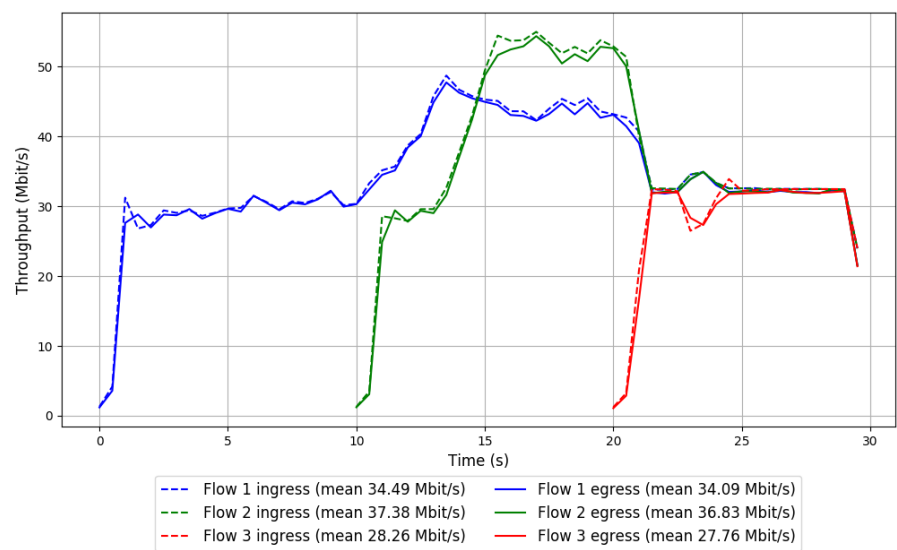
-- Flow 3:

Average throughput: 27.76 Mbit/s

95th percentile per-packet one-way delay: 67.668 ms

Loss rate: 2.41%

Run 8: Report of Vivace-loss — Data Link

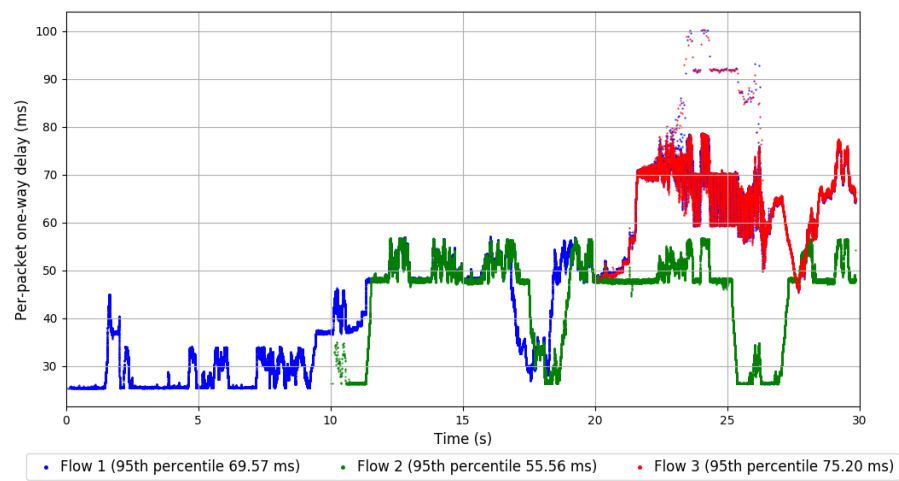
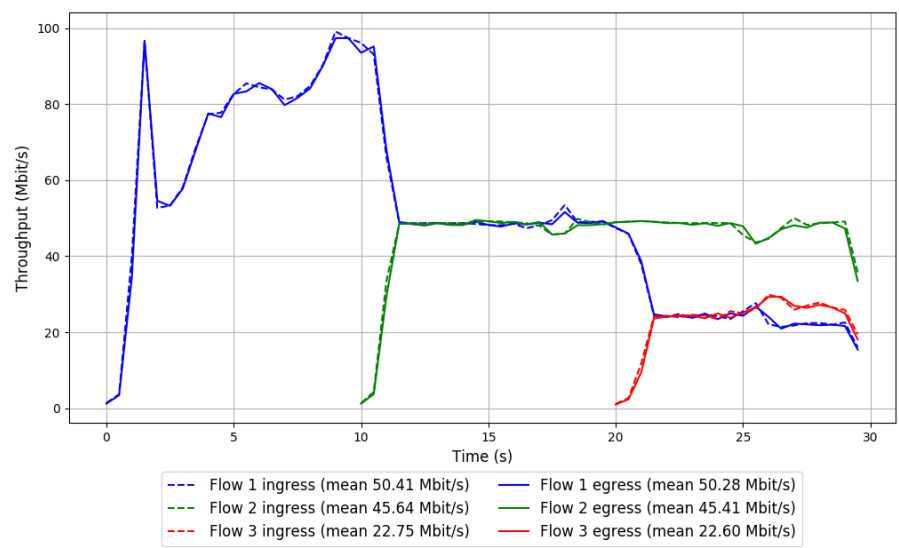


Run 9: Statistics of Vivace-loss

Start at: 2018-03-06 15:14:36
End at: 2018-03-06 15:15:06
Local clock offset: 0.865 ms
Remote clock offset: -10.447 ms

Below is generated by plot.py at 2018-03-06 20:46:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 69.901 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 69.570 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 45.41 Mbit/s
95th percentile per-packet one-way delay: 55.563 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 22.60 Mbit/s
95th percentile per-packet one-way delay: 75.203 ms
Loss rate: 1.42%

Run 9: Report of Vivace-loss — Data Link

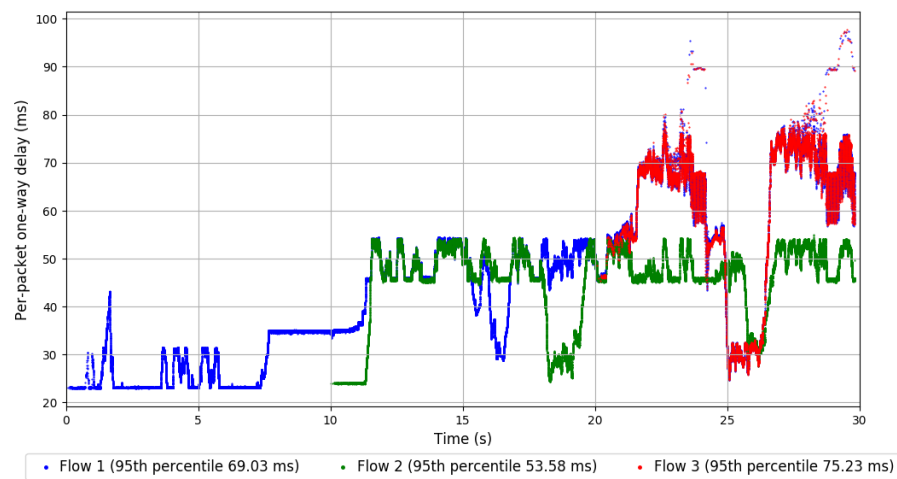
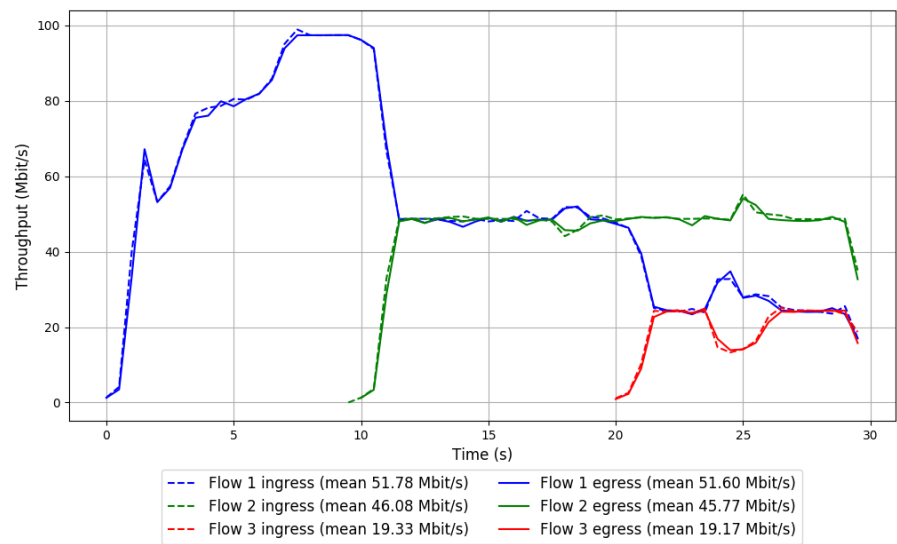


Run 10: Statistics of Vivace-loss

Start at: 2018-03-06 15:39:57
End at: 2018-03-06 15:40:27
Local clock offset: 0.751 ms
Remote clock offset: -10.831 ms

Below is generated by plot.py at 2018-03-06 20:46:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 70.165 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 51.60 Mbit/s
95th percentile per-packet one-way delay: 69.028 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 45.77 Mbit/s
95th percentile per-packet one-way delay: 53.581 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 19.17 Mbit/s
95th percentile per-packet one-way delay: 75.228 ms
Loss rate: 1.86%

Run 10: Report of Vivace-loss — Data Link

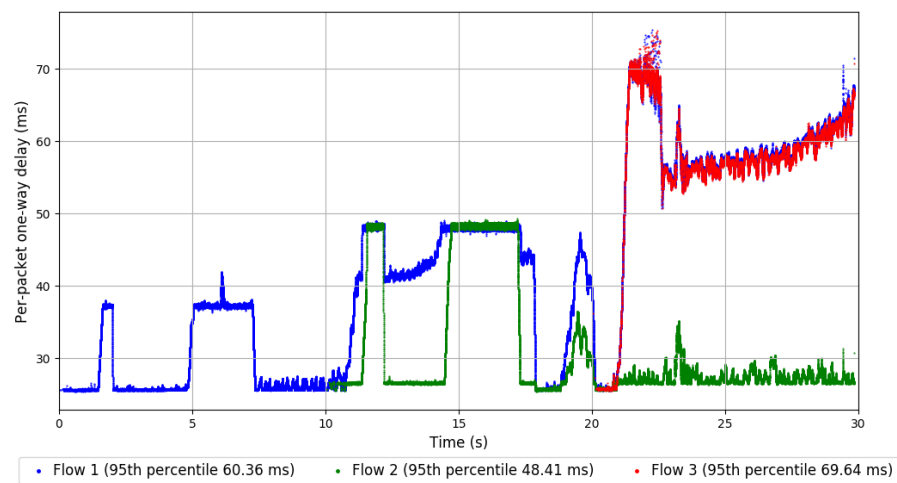
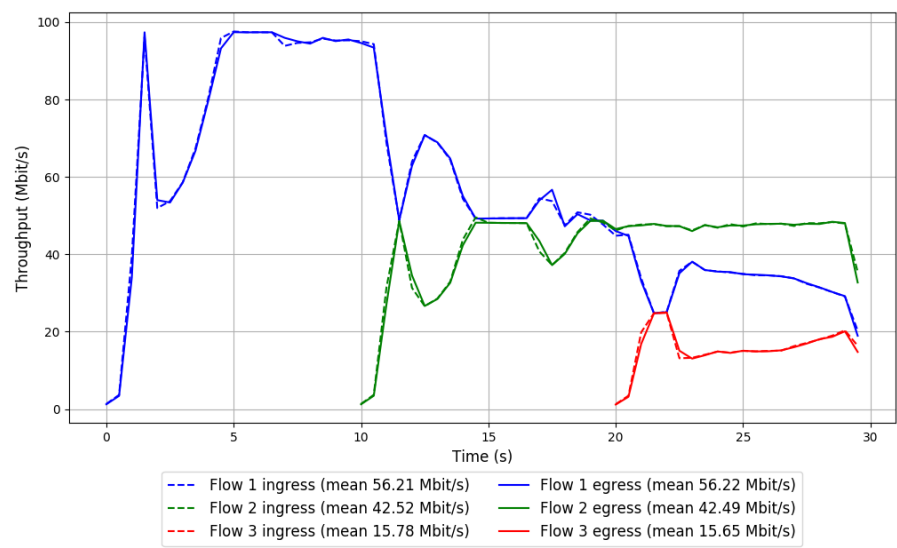


Run 1: Statistics of Vivace-LTE

Start at: 2018-03-06 11:47:42
End at: 2018-03-06 11:48:12
Local clock offset: 0.821 ms
Remote clock offset: -2.938 ms

Below is generated by plot.py at 2018-03-06 20:47:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.60 Mbit/s
95th percentile per-packet one-way delay: 60.780 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 60.358 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 42.49 Mbit/s
95th percentile per-packet one-way delay: 48.409 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 15.65 Mbit/s
95th percentile per-packet one-way delay: 69.635 ms
Loss rate: 1.36%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-03-06 12:12:14

End at: 2018-03-06 12:12:44

Local clock offset: 0.888 ms

Remote clock offset: -0.71 ms

Below is generated by plot.py at 2018-03-06 20:47:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.33 Mbit/s

95th percentile per-packet one-way delay: 67.226 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 54.90 Mbit/s

95th percentile per-packet one-way delay: 66.672 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 32.98 Mbit/s

95th percentile per-packet one-way delay: 67.820 ms

Loss rate: 0.40%

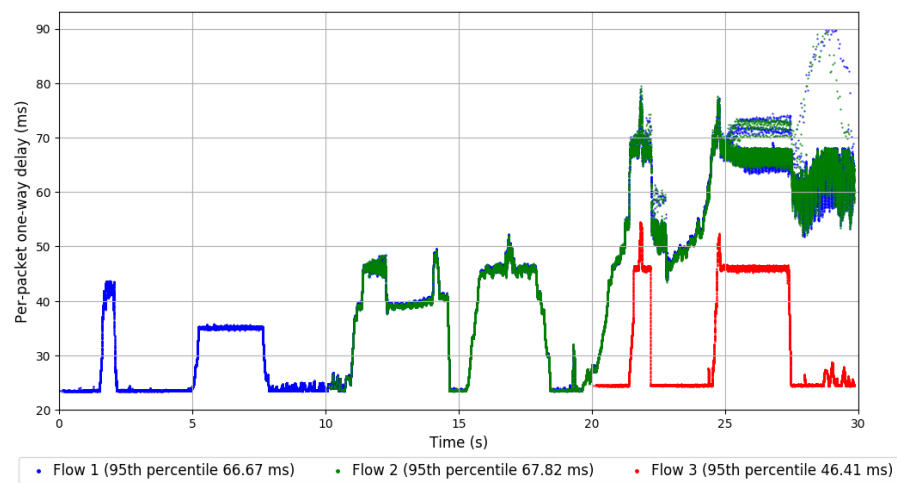
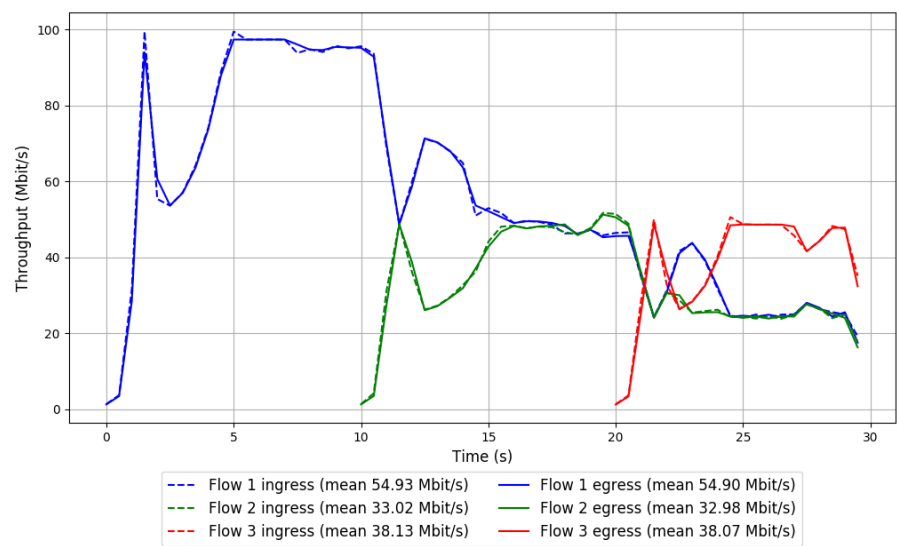
-- Flow 3:

Average throughput: 38.07 Mbit/s

95th percentile per-packet one-way delay: 46.410 ms

Loss rate: 0.70%

Run 2: Report of Vivace-LTE — Data Link

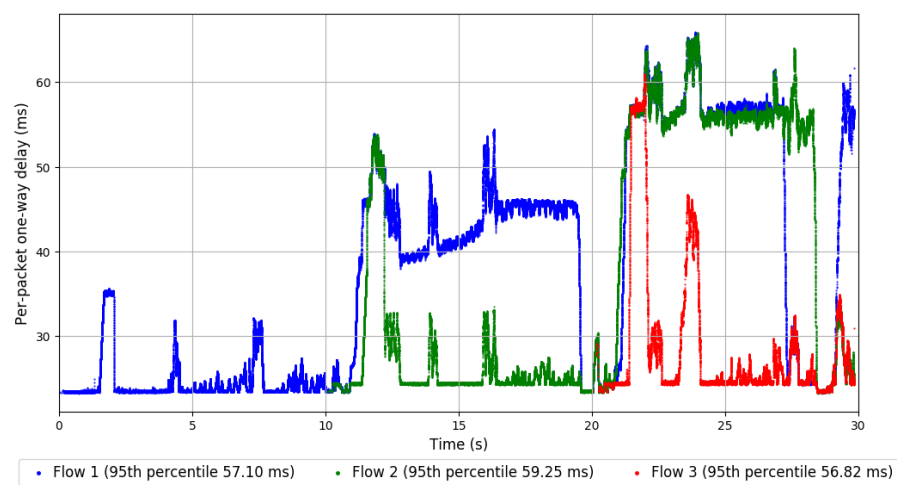
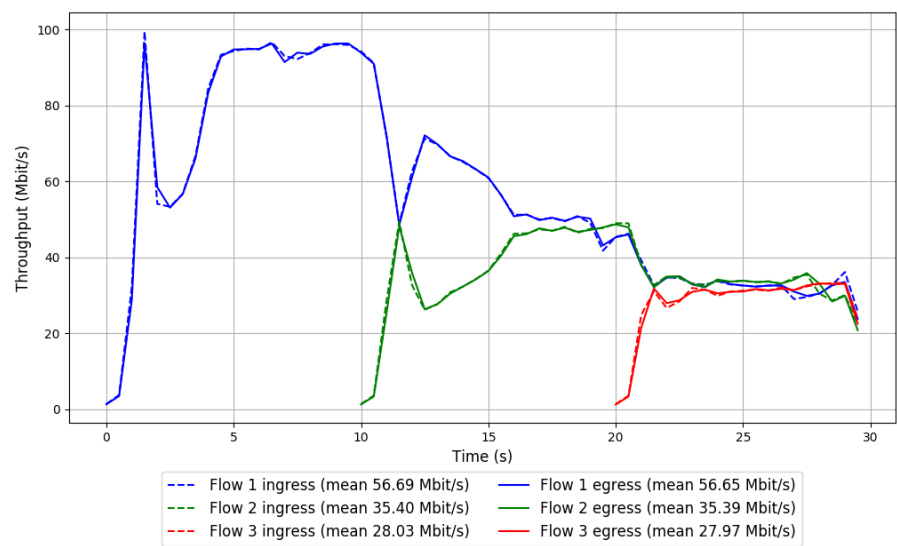


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-06 12:36:55
End at: 2018-03-06 12:37:25
Local clock offset: 0.947 ms
Remote clock offset: -0.806 ms

Below is generated by plot.py at 2018-03-06 20:47:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 57.191 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 57.096 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 35.39 Mbit/s
95th percentile per-packet one-way delay: 59.253 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 27.97 Mbit/s
95th percentile per-packet one-way delay: 56.822 ms
Loss rate: 0.69%

Run 3: Report of Vivace-LTE — Data Link

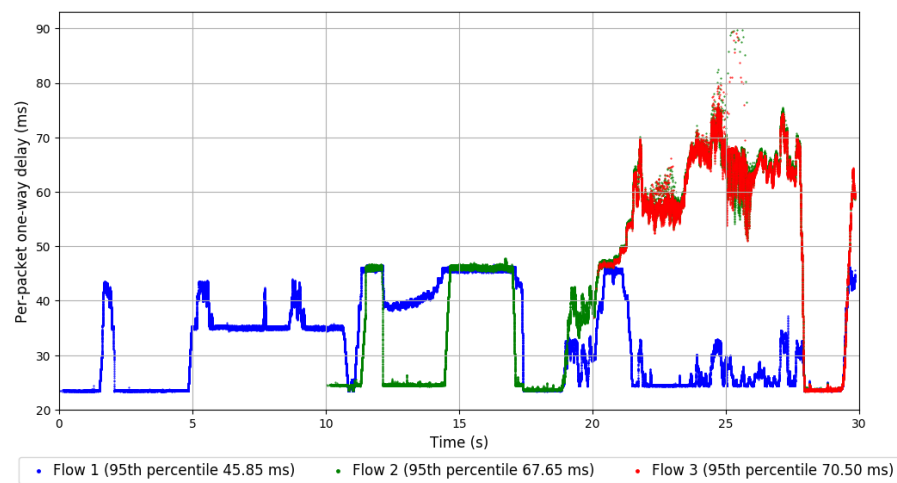
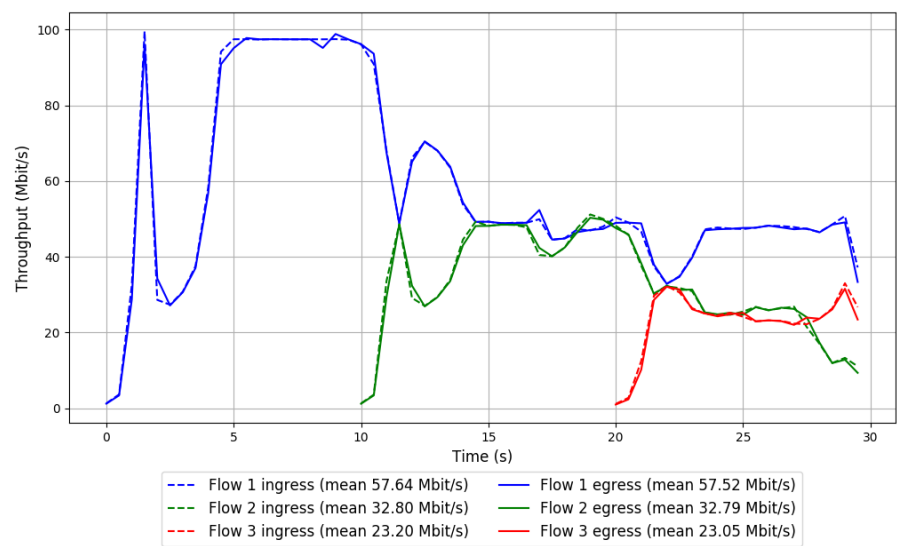


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-06 13:01:27
End at: 2018-03-06 13:01:57
Local clock offset: 1.141 ms
Remote clock offset: -1.733 ms

Below is generated by plot.py at 2018-03-06 20:47:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 65.276 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 45.846 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 67.653 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 23.05 Mbit/s
95th percentile per-packet one-way delay: 70.503 ms
Loss rate: 1.50%

Run 4: Report of Vivace-LTE — Data Link

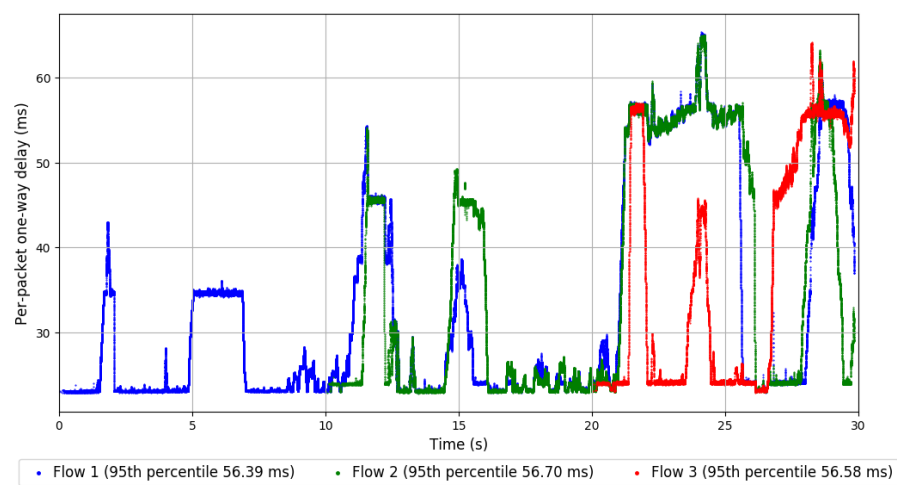
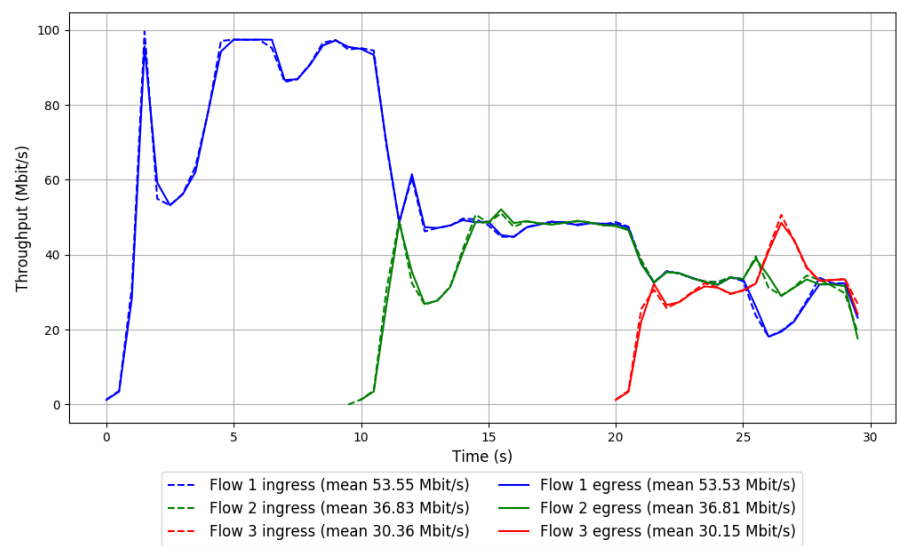


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-06 13:26:03
End at: 2018-03-06 13:26:33
Local clock offset: 0.874 ms
Remote clock offset: -0.727 ms

Below is generated by plot.py at 2018-03-06 20:47:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.92 Mbit/s
95th percentile per-packet one-way delay: 56.535 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 53.53 Mbit/s
95th percentile per-packet one-way delay: 56.390 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 36.81 Mbit/s
95th percentile per-packet one-way delay: 56.701 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 56.584 ms
Loss rate: 1.25%

Run 5: Report of Vivace-LTE — Data Link

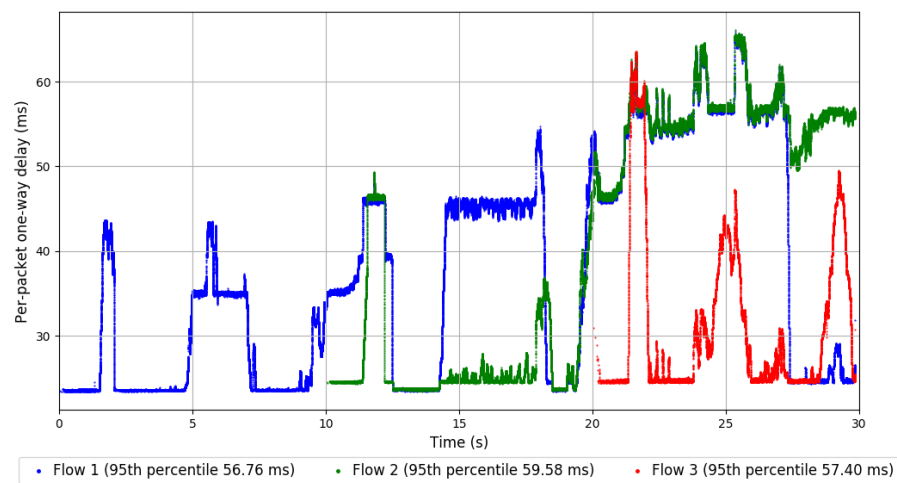
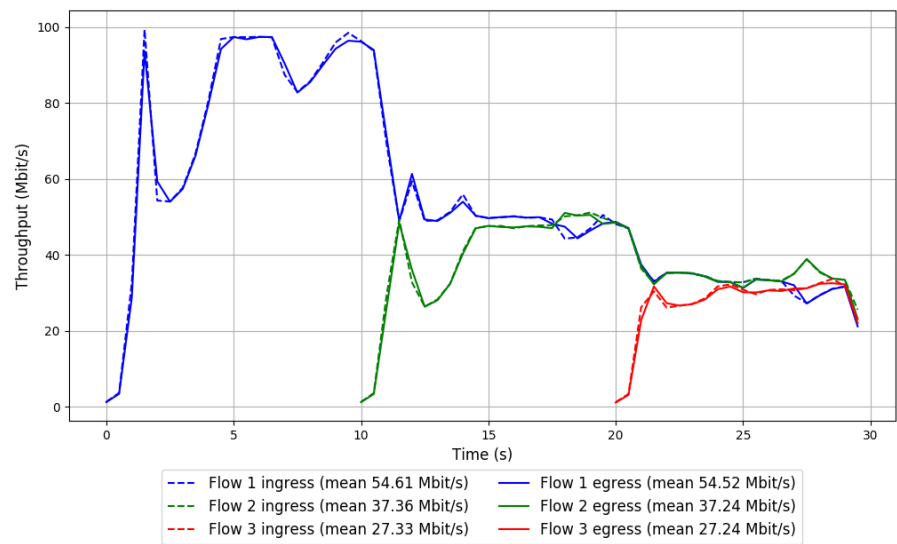


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-06 13:50:43
End at: 2018-03-06 13:51:13
Local clock offset: 0.913 ms
Remote clock offset: -1.766 ms

Below is generated by plot.py at 2018-03-06 20:47:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.21 Mbit/s
95th percentile per-packet one-way delay: 57.397 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 54.52 Mbit/s
95th percentile per-packet one-way delay: 56.755 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 59.582 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 27.24 Mbit/s
95th percentile per-packet one-way delay: 57.400 ms
Loss rate: 0.89%

Run 6: Report of Vivace-LTE — Data Link

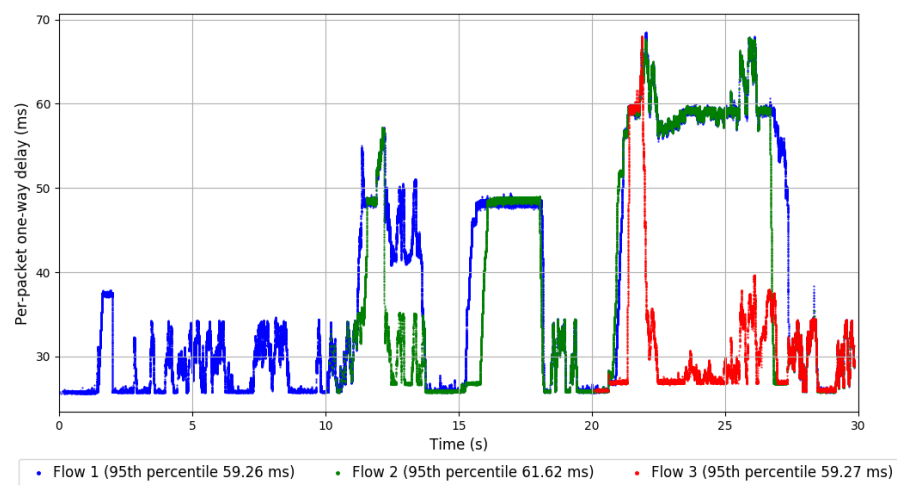
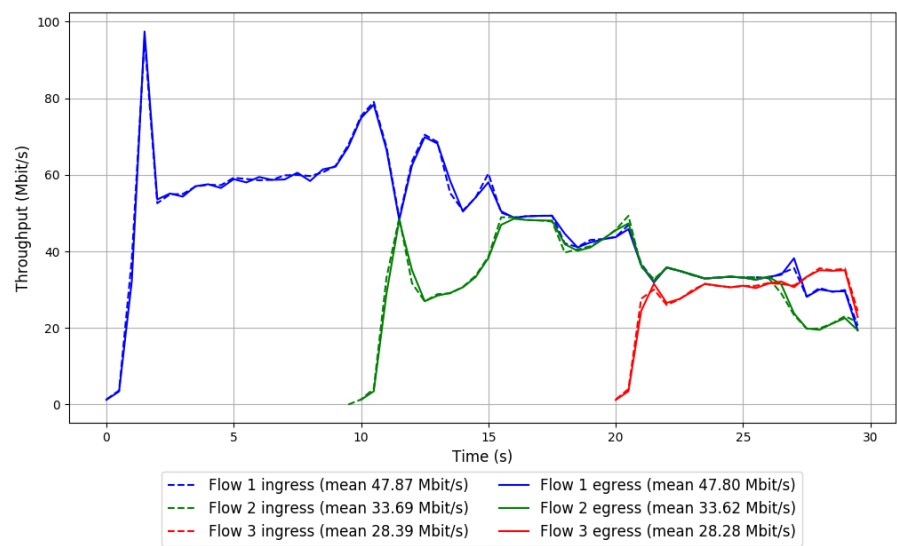


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-06 14:15:25
End at: 2018-03-06 14:15:55
Local clock offset: 0.958 ms
Remote clock offset: -4.285 ms

Below is generated by plot.py at 2018-03-06 20:47:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.44 Mbit/s
95th percentile per-packet one-way delay: 59.416 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 47.80 Mbit/s
95th percentile per-packet one-way delay: 59.257 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 61.625 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 28.28 Mbit/s
95th percentile per-packet one-way delay: 59.272 ms
Loss rate: 0.90%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-03-06 14:40:31

End at: 2018-03-06 14:41:01

Local clock offset: 1.012 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at 2018-03-06 20:47:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.01 Mbit/s

95th percentile per-packet one-way delay: 56.381 ms

Loss rate: 0.83%

-- Flow 1:

Average throughput: 49.62 Mbit/s

95th percentile per-packet one-way delay: 52.933 ms

Loss rate: 0.72%

-- Flow 2:

Average throughput: 28.66 Mbit/s

95th percentile per-packet one-way delay: 57.109 ms

Loss rate: 0.97%

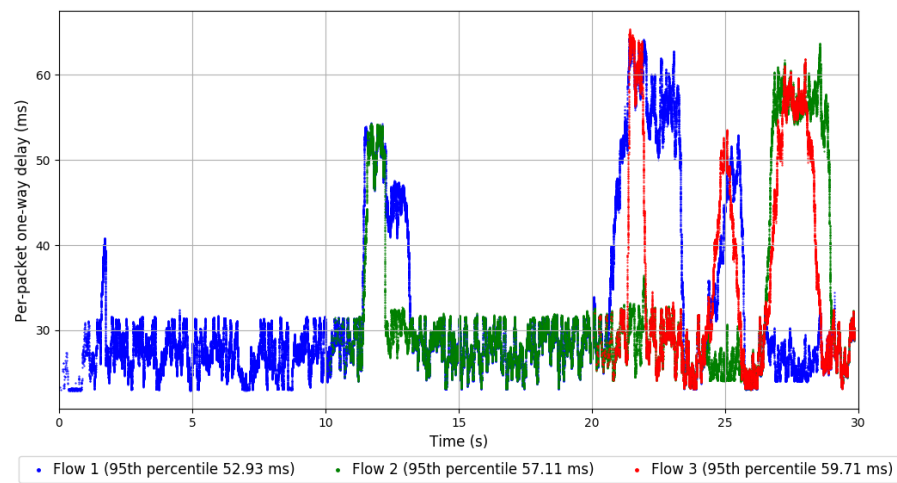
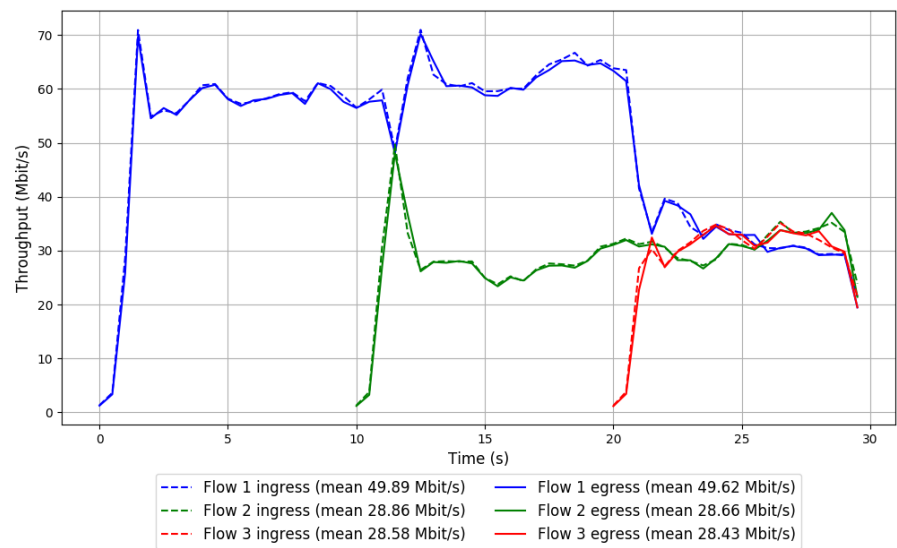
-- Flow 3:

Average throughput: 28.43 Mbit/s

95th percentile per-packet one-way delay: 59.707 ms

Loss rate: 1.13%

Run 8: Report of Vivace-LTE — Data Link

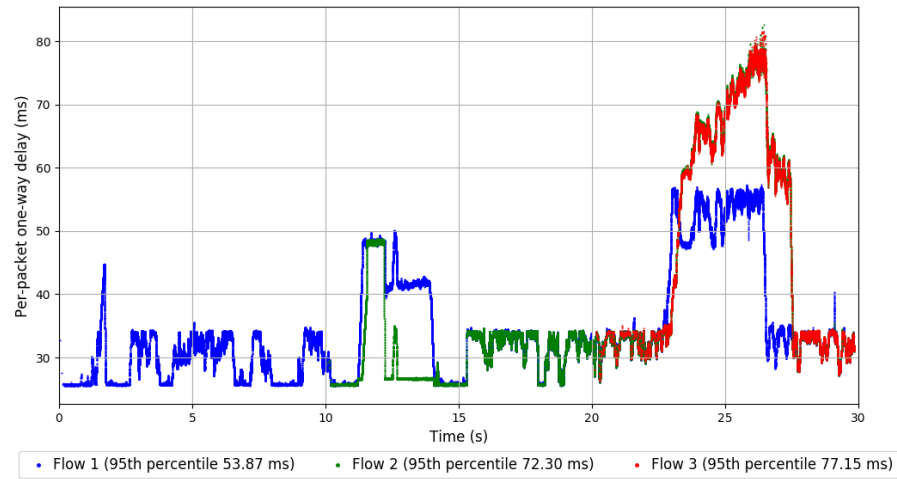
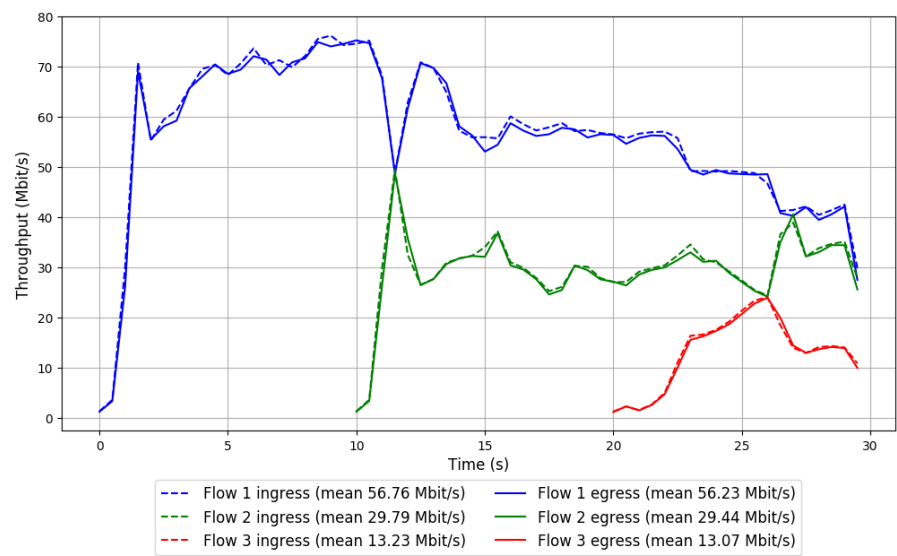


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-06 15:07:13
End at: 2018-03-06 15:07:43
Local clock offset: 0.948 ms
Remote clock offset: -9.228 ms

Below is generated by plot.py at 2018-03-06 20:47:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.09 Mbit/s
95th percentile per-packet one-way delay: 64.384 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 56.23 Mbit/s
95th percentile per-packet one-way delay: 53.870 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 72.303 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 13.07 Mbit/s
95th percentile per-packet one-way delay: 77.154 ms
Loss rate: 1.73%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-06 15:32:42
End at: 2018-03-06 15:33:12
Local clock offset: 0.769 ms
Remote clock offset: -10.741 ms

Below is generated by plot.py at 2018-03-06 20:47:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 62.842 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 55.45 Mbit/s
95th percentile per-packet one-way delay: 62.971 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 29.32 Mbit/s
95th percentile per-packet one-way delay: 61.859 ms
Loss rate: 1.57%
-- Flow 3:
Average throughput: 27.57 Mbit/s
95th percentile per-packet one-way delay: 63.770 ms
Loss rate: 2.51%

Run 10: Report of Vivace-LTE — Data Link

