

Pantheon Report

Generated at 2018-02-20 18:04:59 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

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

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

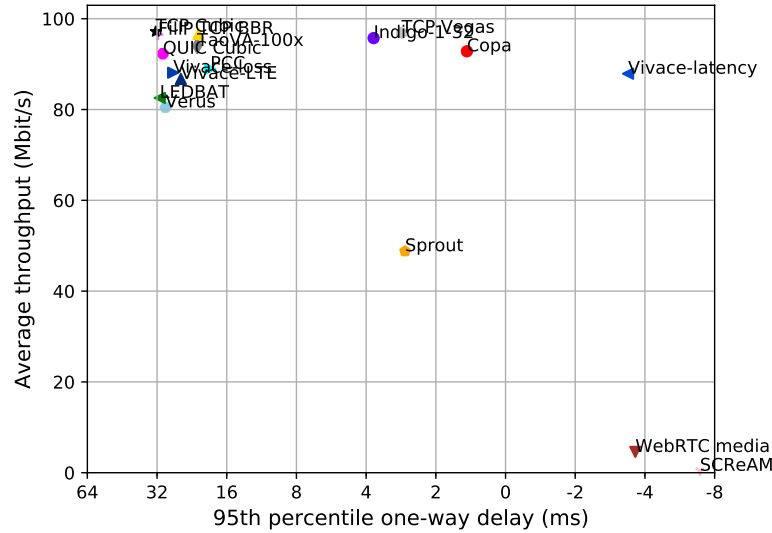
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

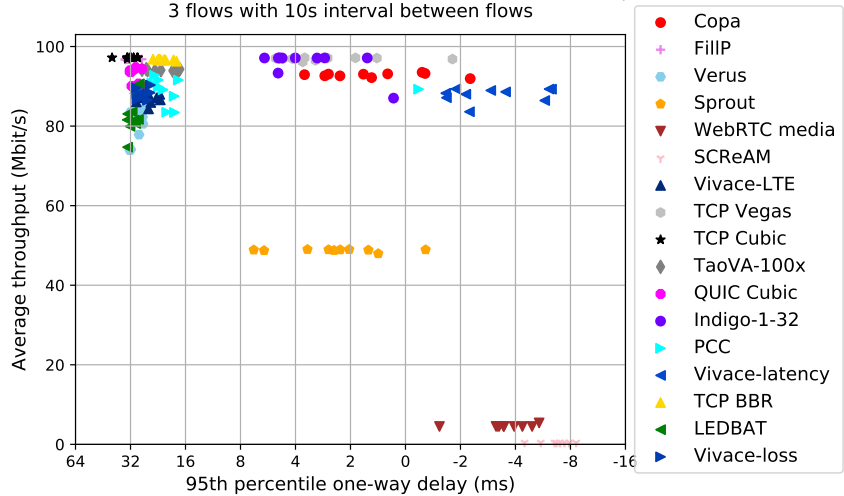
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
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 AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



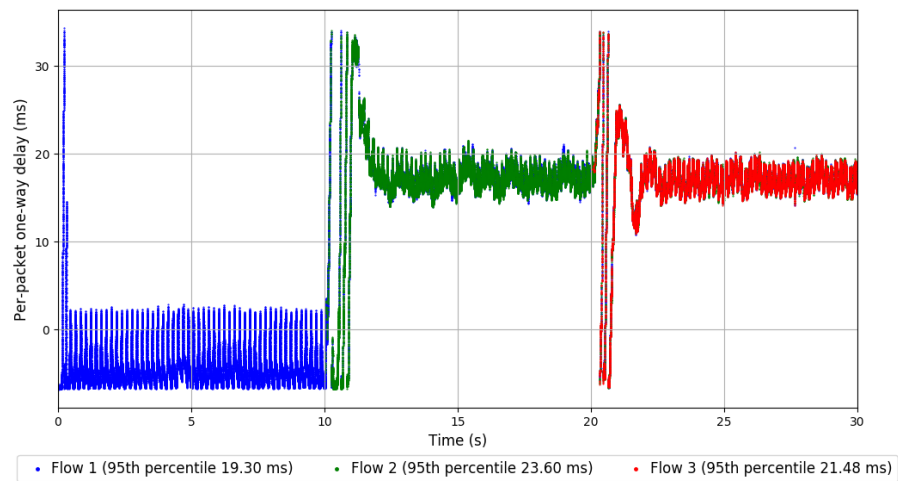
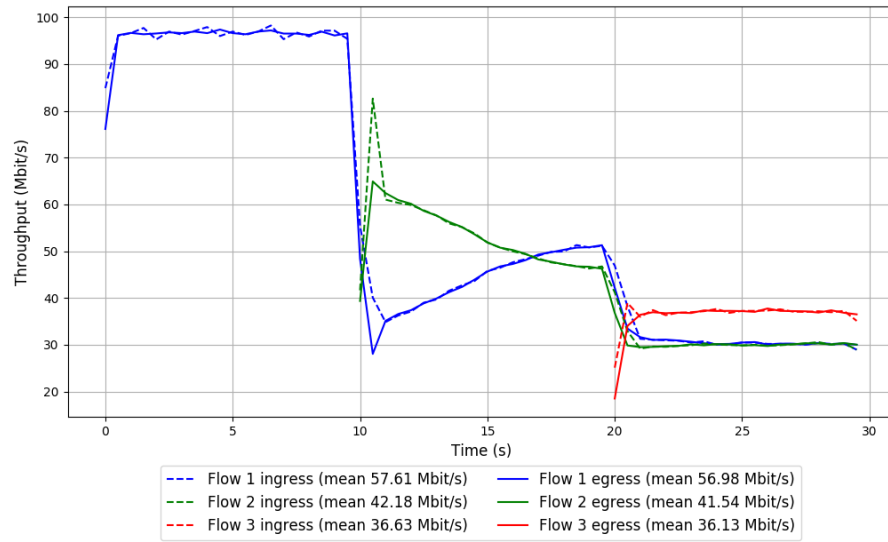
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	56.11	40.63	40.60	19.96	22.62	22.14	1.00	1.59	1.78
TCP Cubic	10	68.01	32.75	22.23	32.31	32.57	32.79	0.82	0.81	0.87
LEDBAT	10	50.08	37.76	22.34	30.84	31.52	31.73	0.45	0.59	0.95
PCC	10	75.81	13.48	12.64	17.76	21.04	18.28	2.06	10.44	1.99
QUIC Cubic	10	64.93	31.06	20.62	30.03	30.49	30.48	1.37	2.17	2.60
SCReAM	10	0.22	0.21	0.22	-6.89	-6.92	-6.90	0.00	0.00	0.00
WebRTC media	10	2.40	1.56	0.63	-3.87	-3.70	-3.06	0.23	0.34	0.01
Sprout	10	24.59	24.38	24.20	2.64	2.70	2.53	0.00	0.00	0.00
TaoVA-100x	10	56.57	36.97	38.62	18.62	22.65	23.71	2.17	4.50	9.79
TCP Vegas	10	55.96	40.09	42.91	4.58	-2.34	-3.22	0.16	0.00	0.01
Verus	10	53.74	30.73	22.93	29.54	29.78	29.20	25.61	31.91	31.57
Copa	10	57.20	38.82	29.47	0.50	1.37	1.96	0.00	0.00	0.00
FillP	10	50.62	43.02	52.38	31.53	31.75	32.25	26.44	29.89	34.48
Indigo-1-32	10	54.81	38.62	46.84	3.51	4.01	5.59	0.03	0.03	0.04
Vivace-latency	10	60.17	30.95	21.67	-4.03	-2.71	-0.65	0.00	0.00	0.00
Vivace-loss	10	55.61	37.95	22.27	27.03	27.20	27.26	13.20	15.02	14.29
Vivace-LTE	10	58.60	30.69	23.50	22.46	27.26	28.74	1.44	2.18	3.18

Run 1: Statistics of TCP BBR

Start at: 2018-02-20 13:33:49
End at: 2018-02-20 13:34:19
Local clock offset: 0.058 ms
Remote clock offset: -19.49 ms

Below is generated by plot.py at 2018-02-20 17:36:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 20.598 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 56.98 Mbit/s
95th percentile per-packet one-way delay: 19.300 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 23.601 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 36.13 Mbit/s
95th percentile per-packet one-way delay: 21.478 ms
Loss rate: 1.36%

Run 1: Report of TCP BBR — Data Link

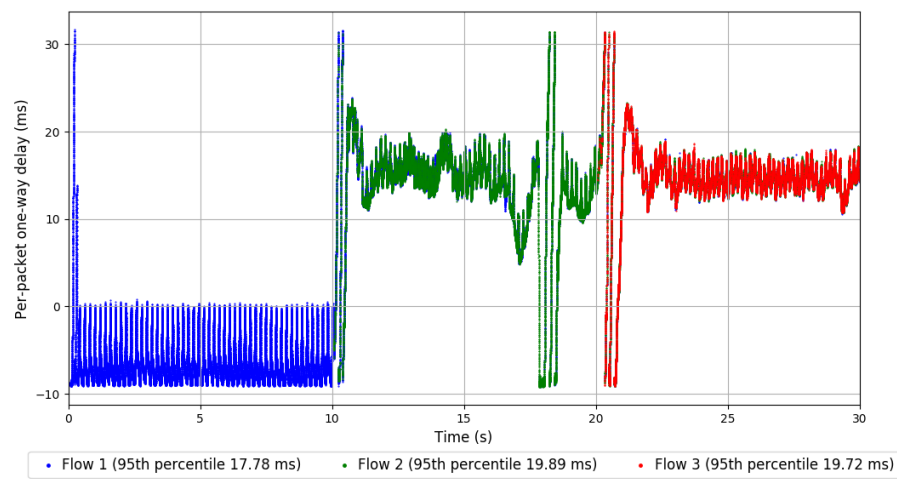
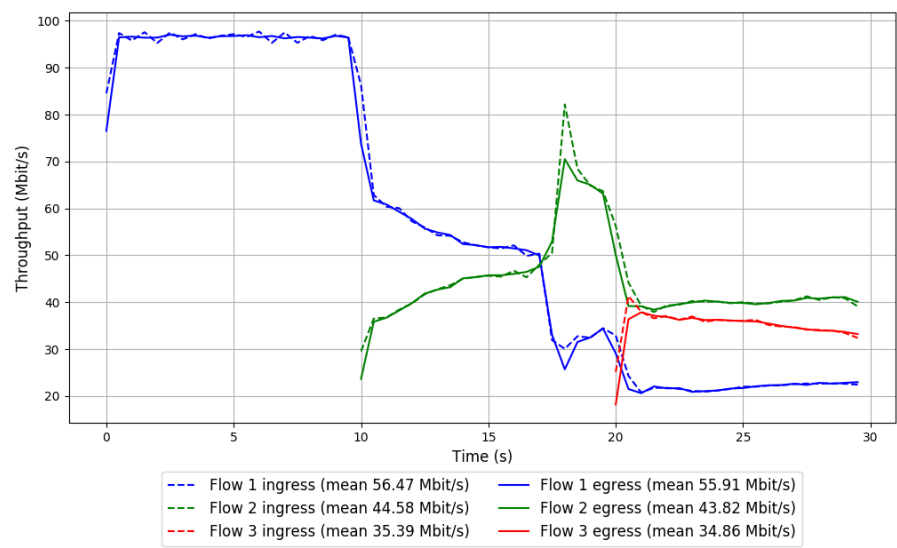


Run 2: Statistics of TCP BBR

Start at: 2018-02-20 13:55:41
End at: 2018-02-20 13:56:11
Local clock offset: -1.409 ms
Remote clock offset: -20.474 ms

Below is generated by plot.py at 2018-02-20 17:36:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 18.594 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 17.780 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 43.82 Mbit/s
95th percentile per-packet one-way delay: 19.894 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 34.86 Mbit/s
95th percentile per-packet one-way delay: 19.721 ms
Loss rate: 1.50%

Run 2: Report of TCP BBR — Data Link

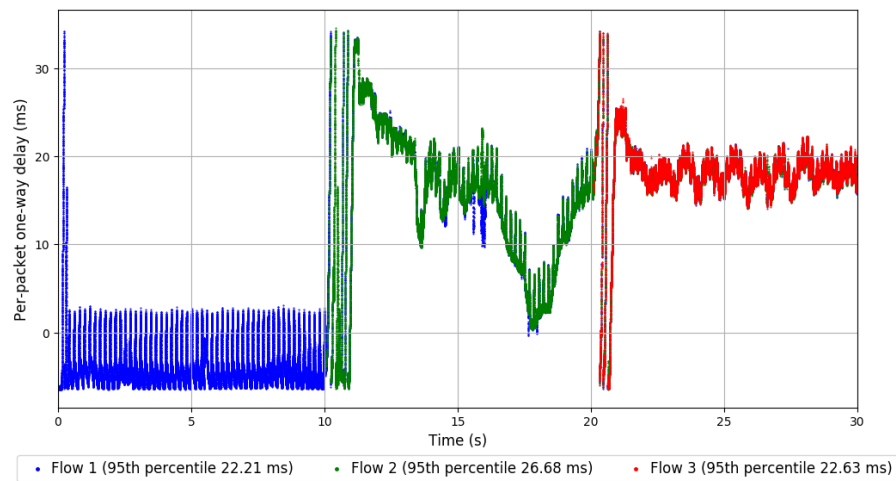
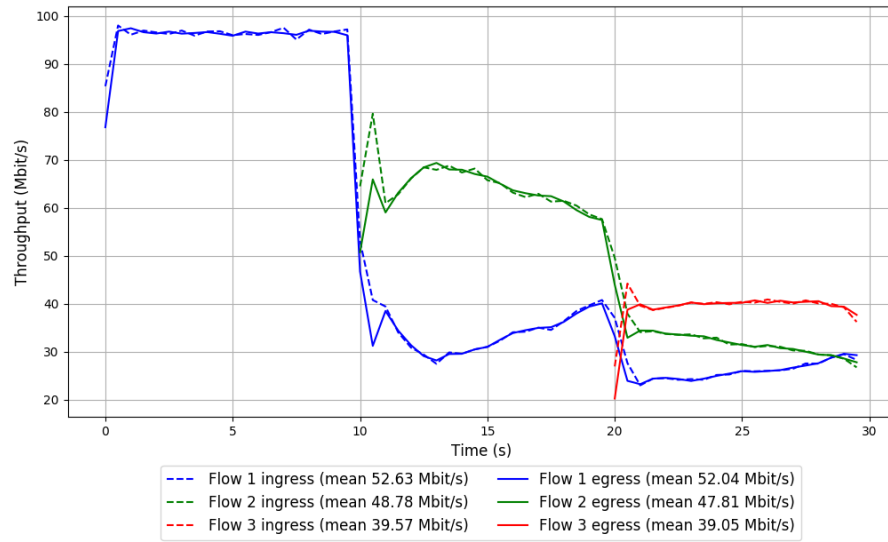


Run 3: Statistics of TCP BBR

Start at: 2018-02-20 14:17:28
End at: 2018-02-20 14:17:58
Local clock offset: -3.173 ms
Remote clock offset: -17.851 ms

Below is generated by plot.py at 2018-02-20 17:36:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 24.094 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 52.04 Mbit/s
95th percentile per-packet one-way delay: 22.214 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 26.680 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 22.632 ms
Loss rate: 1.31%

Run 3: Report of TCP BBR — Data Link

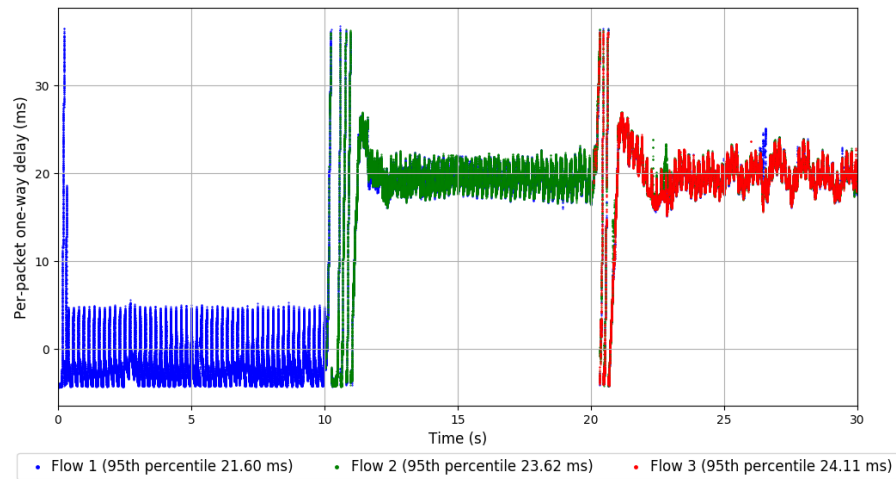
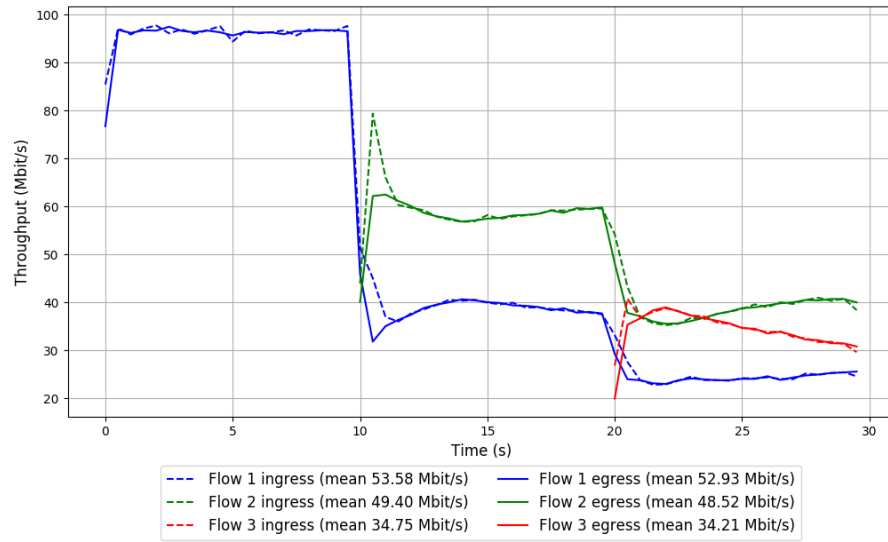


Run 4: Statistics of TCP BBR

Start at: 2018-02-20 14:39:33
End at: 2018-02-20 14:40:03
Local clock offset: -1.55 ms
Remote clock offset: -18.442 ms

Below is generated by plot.py at 2018-02-20 17:36:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 22.757 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 52.93 Mbit/s
95th percentile per-packet one-way delay: 21.597 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 48.52 Mbit/s
95th percentile per-packet one-way delay: 23.623 ms
Loss rate: 1.68%
-- Flow 3:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 24.108 ms
Loss rate: 1.54%

Run 4: Report of TCP BBR — Data Link

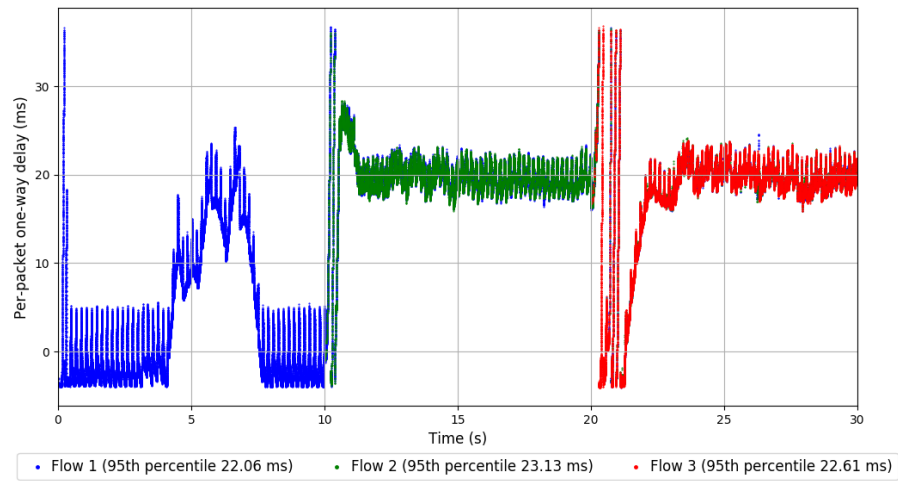
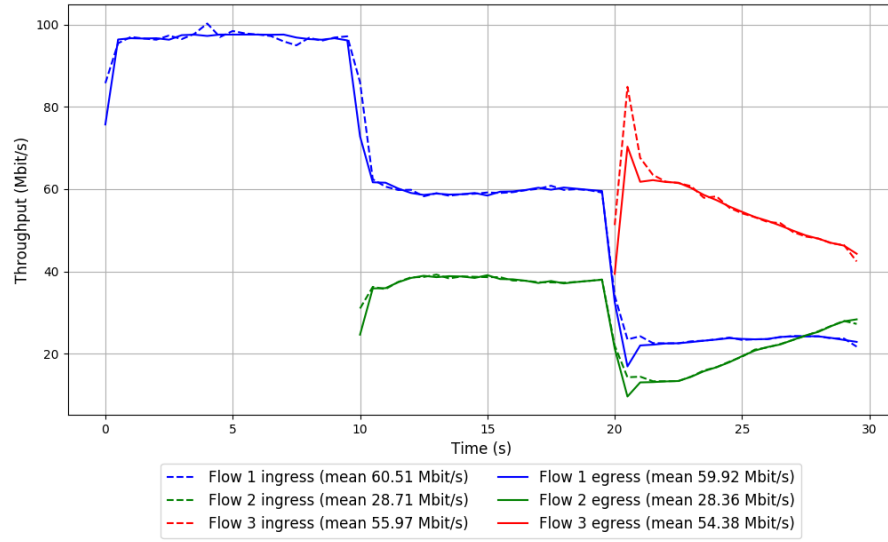


Run 5: Statistics of TCP BBR

Start at: 2018-02-20 15:01:17
End at: 2018-02-20 15:01:47
Local clock offset: -0.925 ms
Remote clock offset: -12.338 ms

Below is generated by plot.py at 2018-02-20 17:36:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 22.405 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 59.92 Mbit/s
95th percentile per-packet one-way delay: 22.058 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 28.36 Mbit/s
95th percentile per-packet one-way delay: 23.127 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 54.38 Mbit/s
95th percentile per-packet one-way delay: 22.605 ms
Loss rate: 2.81%

Run 5: Report of TCP BBR — Data Link

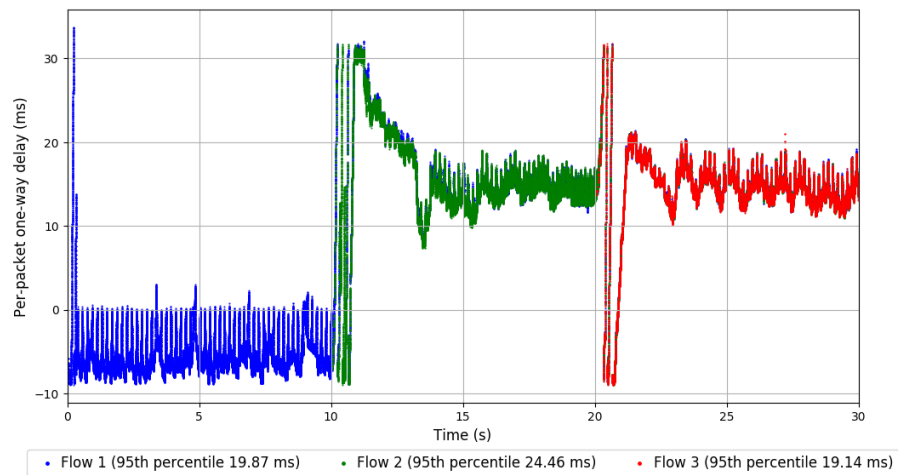
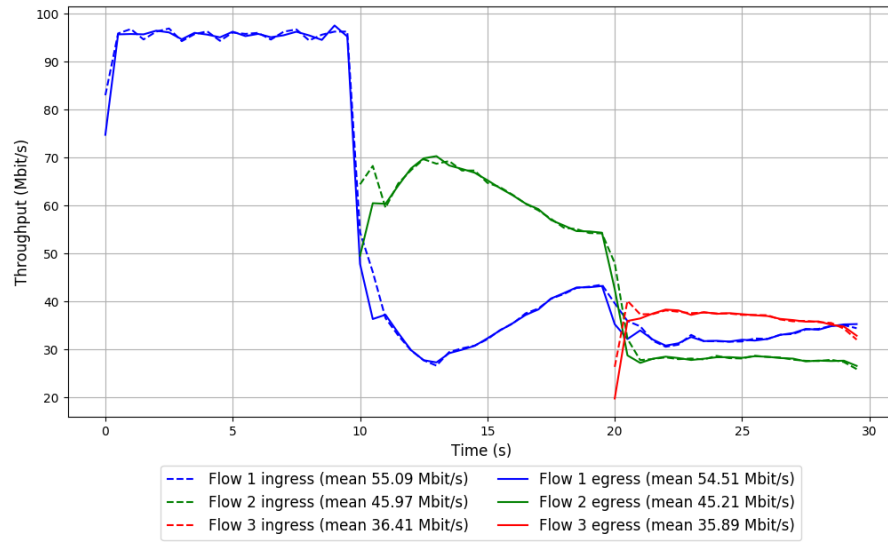


Run 6: Statistics of TCP BBR

Start at: 2018-02-20 15:23:00
End at: 2018-02-20 15:23:30
Local clock offset: 1.235 ms
Remote clock offset: -12.052 ms

Below is generated by plot.py at 2018-02-20 17:36:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 21.817 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 54.51 Mbit/s
95th percentile per-packet one-way delay: 19.873 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 45.21 Mbit/s
95th percentile per-packet one-way delay: 24.464 ms
Loss rate: 1.56%
-- Flow 3:
Average throughput: 35.89 Mbit/s
95th percentile per-packet one-way delay: 19.144 ms
Loss rate: 1.41%

Run 6: Report of TCP BBR — Data Link

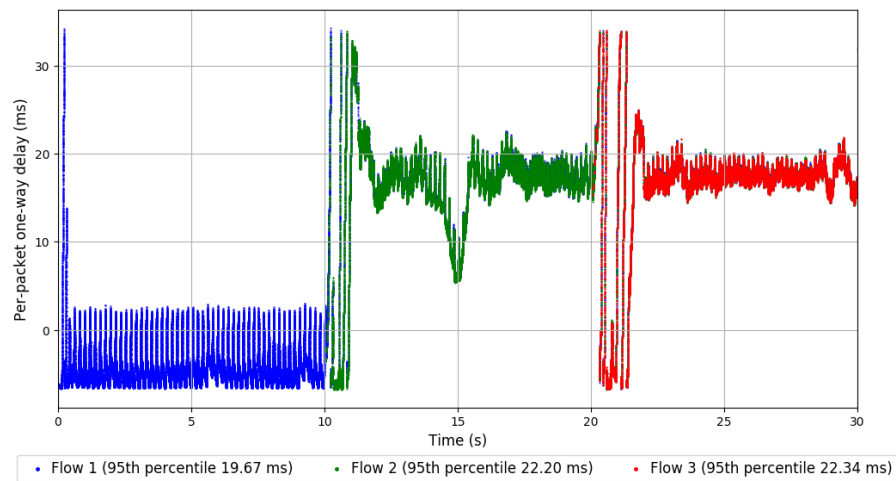
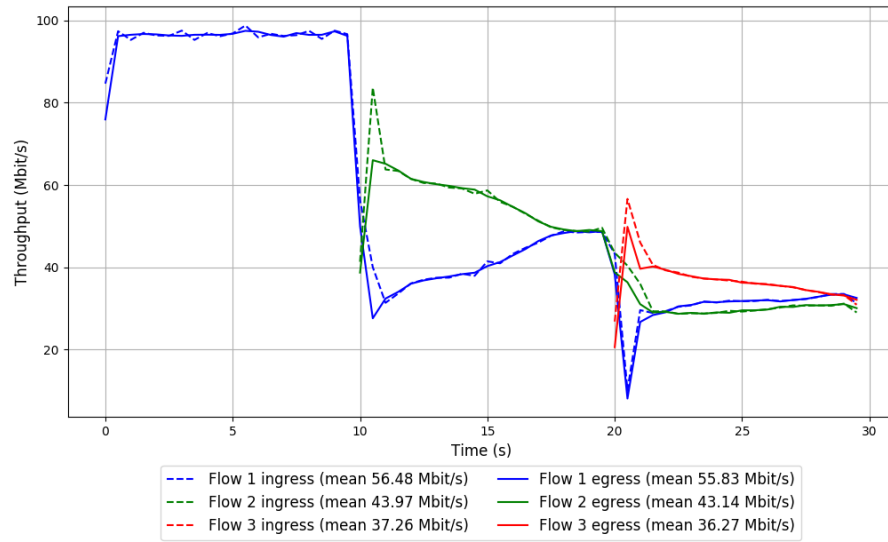


Run 7: Statistics of TCP BBR

Start at: 2018-02-20 15:44:56
End at: 2018-02-20 15:45:26
Local clock offset: -0.629 ms
Remote clock offset: -8.057 ms

Below is generated by plot.py at 2018-02-20 17:36:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 20.835 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 55.83 Mbit/s
95th percentile per-packet one-way delay: 19.673 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 43.14 Mbit/s
95th percentile per-packet one-way delay: 22.201 ms
Loss rate: 1.80%
-- Flow 3:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 22.345 ms
Loss rate: 2.51%

Run 7: Report of TCP BBR — Data Link

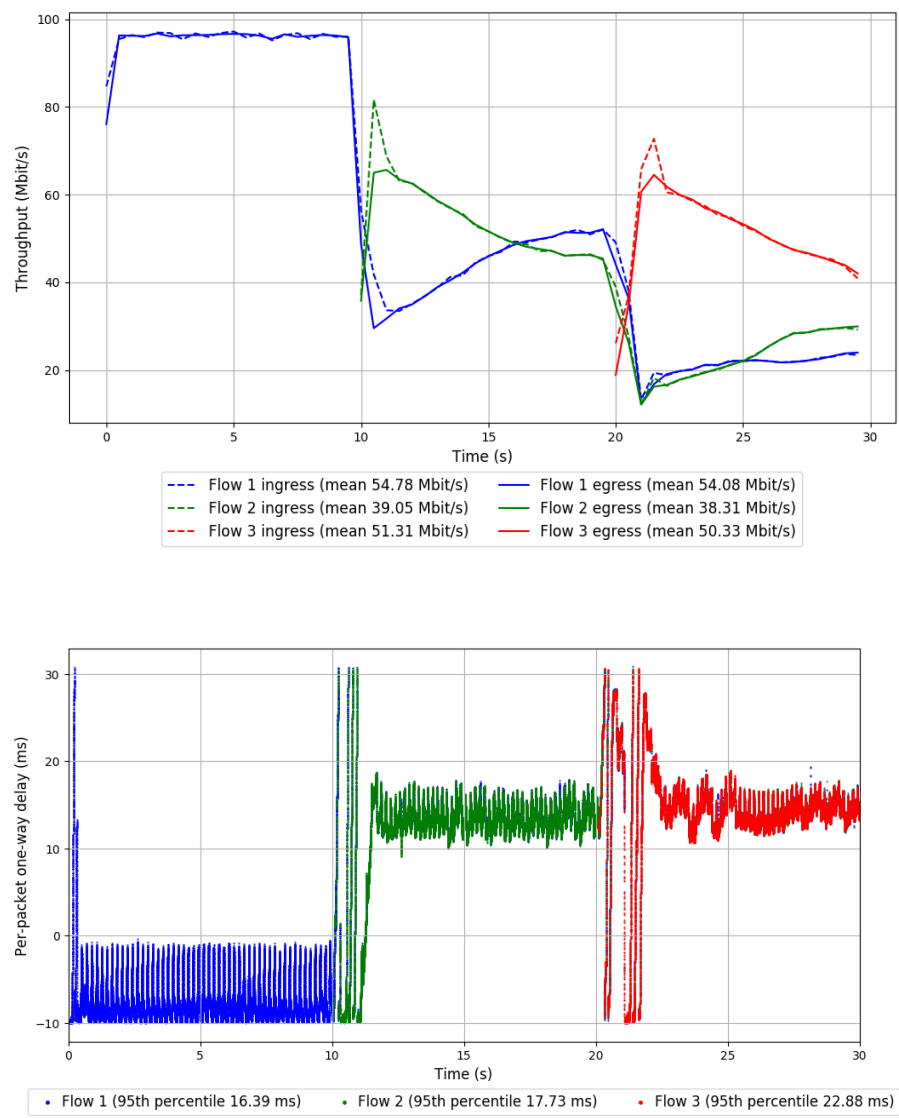


Run 8: Statistics of TCP BBR

Start at: 2018-02-20 16:06:44
End at: 2018-02-20 16:07:14
Local clock offset: -0.791 ms
Remote clock offset: -20.643 ms

Below is generated by plot.py at 2018-02-20 17:36:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 17.921 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 54.08 Mbit/s
95th percentile per-packet one-way delay: 16.388 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: 17.735 ms
Loss rate: 1.77%
-- Flow 3:
Average throughput: 50.33 Mbit/s
95th percentile per-packet one-way delay: 22.883 ms
Loss rate: 1.92%

Run 8: Report of TCP BBR — Data Link

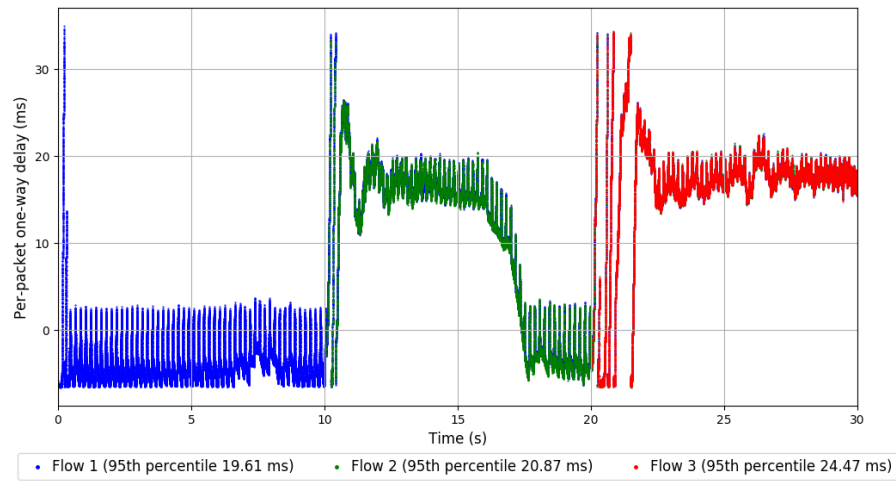
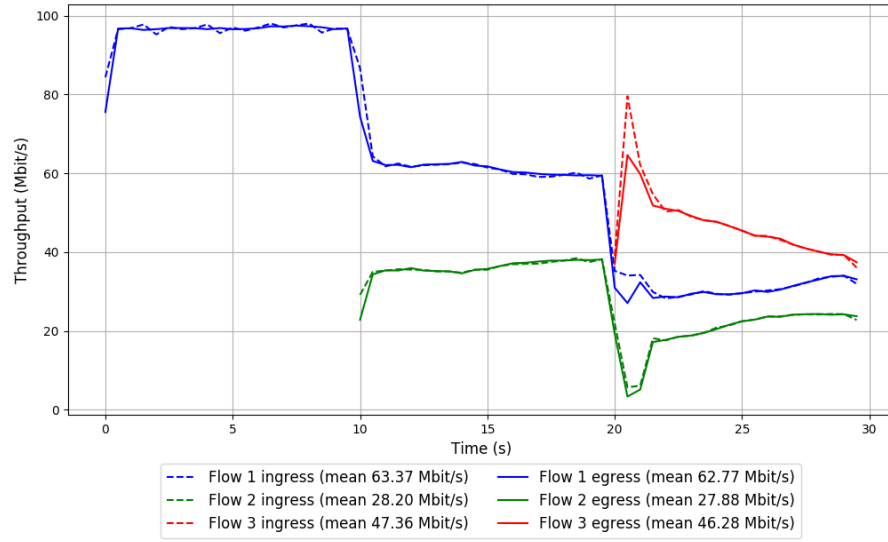


Run 9: Statistics of TCP BBR

Start at: 2018-02-20 16:28:56
End at: 2018-02-20 16:29:26
Local clock offset: -4.35 ms
Remote clock offset: -24.474 ms

Below is generated by plot.py at 2018-02-20 17:38:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 20.976 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 19.615 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 27.88 Mbit/s
95th percentile per-packet one-way delay: 20.871 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 46.28 Mbit/s
95th percentile per-packet one-way delay: 24.468 ms
Loss rate: 2.11%

Run 9: Report of TCP BBR — Data Link

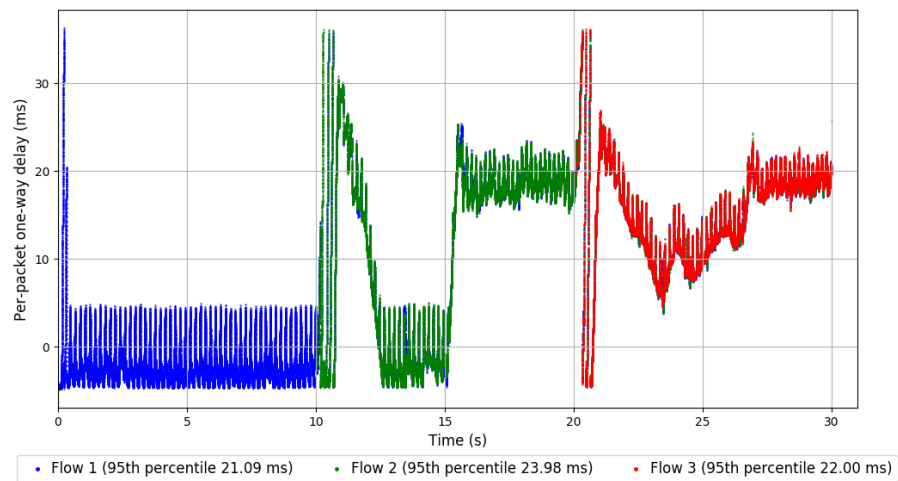
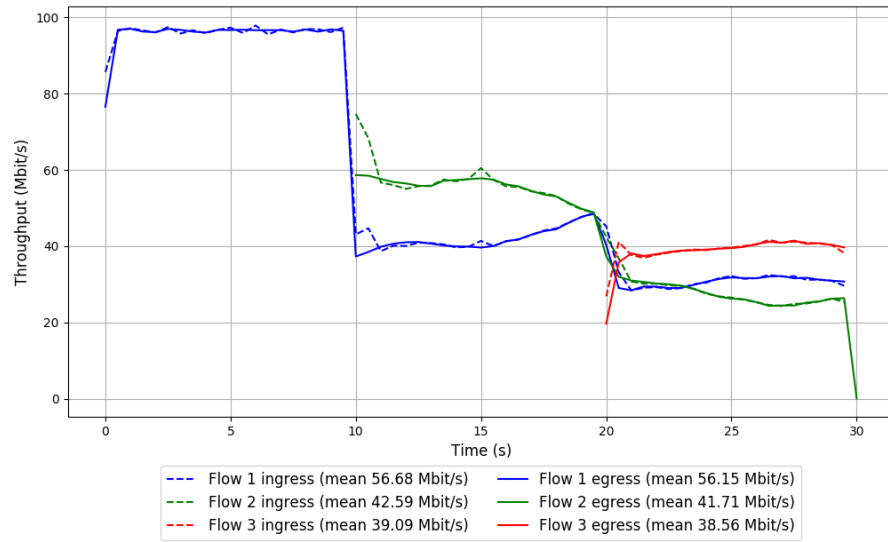


Run 10: Statistics of TCP BBR

Start at: 2018-02-20 16:50:58
End at: 2018-02-20 16:51:28
Local clock offset: -1.412 ms
Remote clock offset: -27.452 ms

Below is generated by plot.py at 2018-02-20 17:38:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 22.000 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 56.15 Mbit/s
95th percentile per-packet one-way delay: 21.090 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 41.71 Mbit/s
95th percentile per-packet one-way delay: 23.985 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 38.56 Mbit/s
95th percentile per-packet one-way delay: 21.998 ms
Loss rate: 1.35%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-02-20 13:37:37

End at: 2018-02-20 13:38:07

Local clock offset: -5.295 ms

Remote clock offset: -17.4 ms

Below is generated by plot.py at 2018-02-20 17:38:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 40.357 ms

Loss rate: 0.97%

-- Flow 1:

Average throughput: 65.60 Mbit/s

95th percentile per-packet one-way delay: 40.285 ms

Loss rate: 1.04%

-- Flow 2:

Average throughput: 36.96 Mbit/s

95th percentile per-packet one-way delay: 40.492 ms

Loss rate: 0.76%

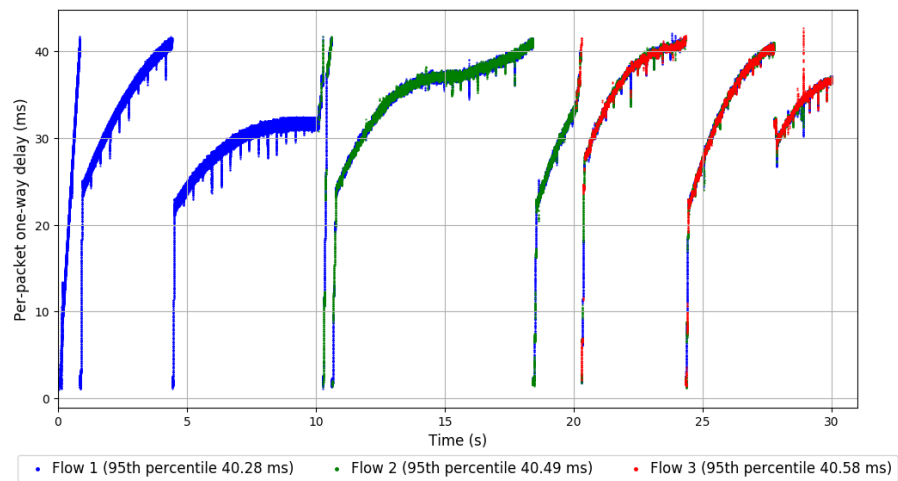
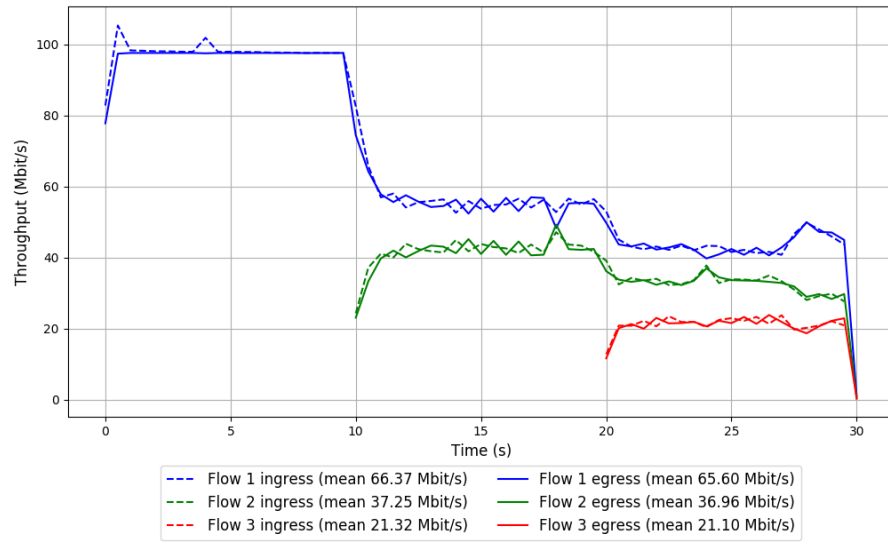
-- Flow 3:

Average throughput: 21.10 Mbit/s

95th percentile per-packet one-way delay: 40.581 ms

Loss rate: 1.00%

Run 1: Report of TCP Cubic — Data Link

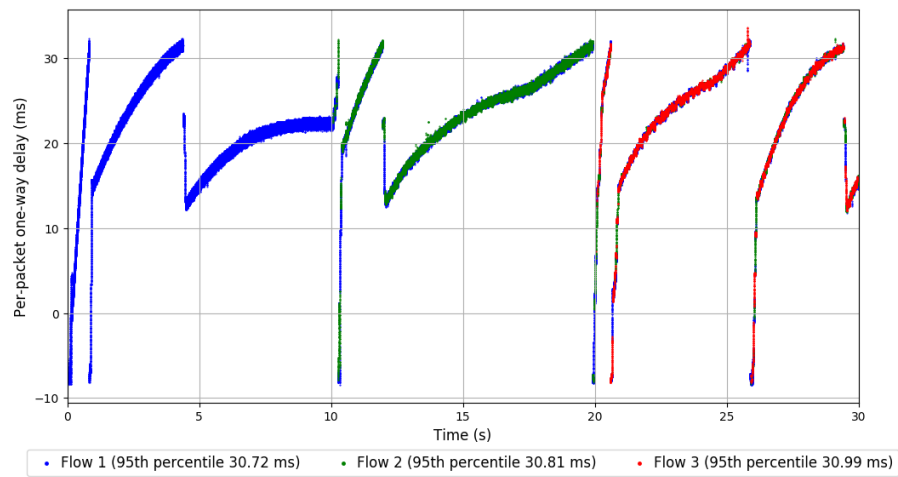
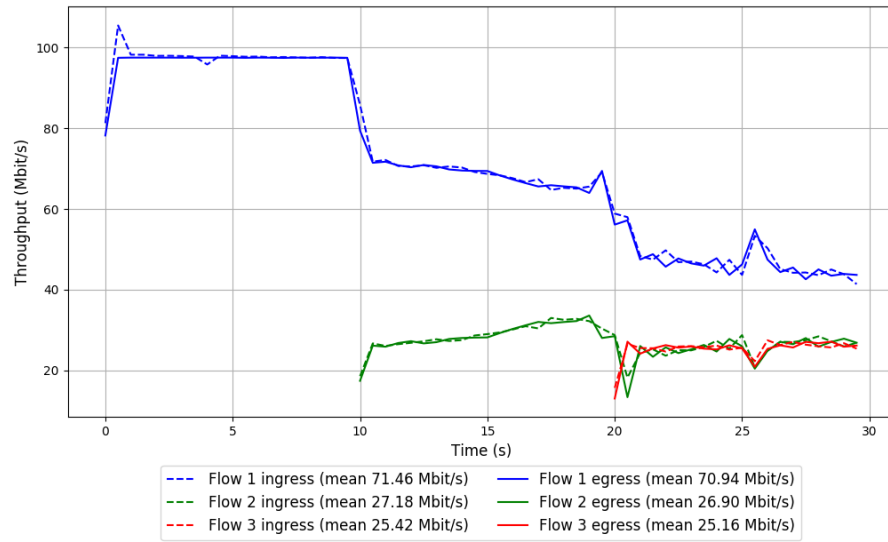


Run 2: Statistics of TCP Cubic

Start at: 2018-02-20 13:59:18
End at: 2018-02-20 13:59:48
Local clock offset: -0.239 ms
Remote clock offset: -17.841 ms

Below is generated by plot.py at 2018-02-20 17:38:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 30.771 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 70.94 Mbit/s
95th percentile per-packet one-way delay: 30.720 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 26.90 Mbit/s
95th percentile per-packet one-way delay: 30.812 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 25.16 Mbit/s
95th percentile per-packet one-way delay: 30.990 ms
Loss rate: 0.97%

Run 2: Report of TCP Cubic — Data Link

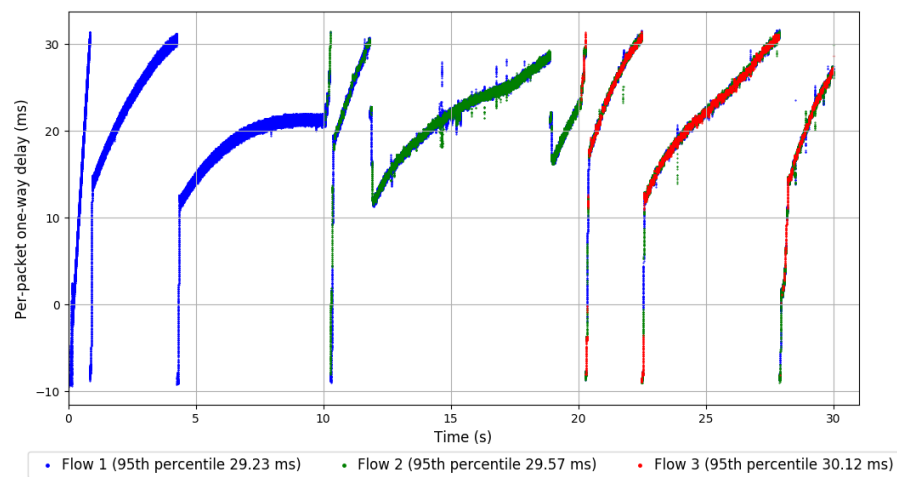
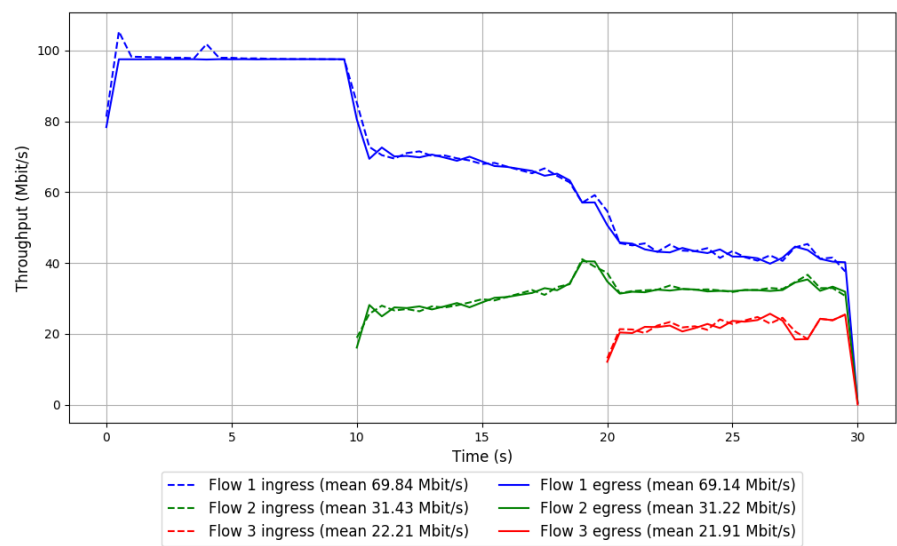


Run 3: Statistics of TCP Cubic

Start at: 2018-02-20 14:21:07
End at: 2018-02-20 14:21:37
Local clock offset: -1.848 ms
Remote clock offset: -20.07 ms

Below is generated by plot.py at 2018-02-20 17:38:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 29.425 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 69.14 Mbit/s
95th percentile per-packet one-way delay: 29.227 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 29.570 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 21.91 Mbit/s
95th percentile per-packet one-way delay: 30.117 ms
Loss rate: 1.29%

Run 3: Report of TCP Cubic — Data Link

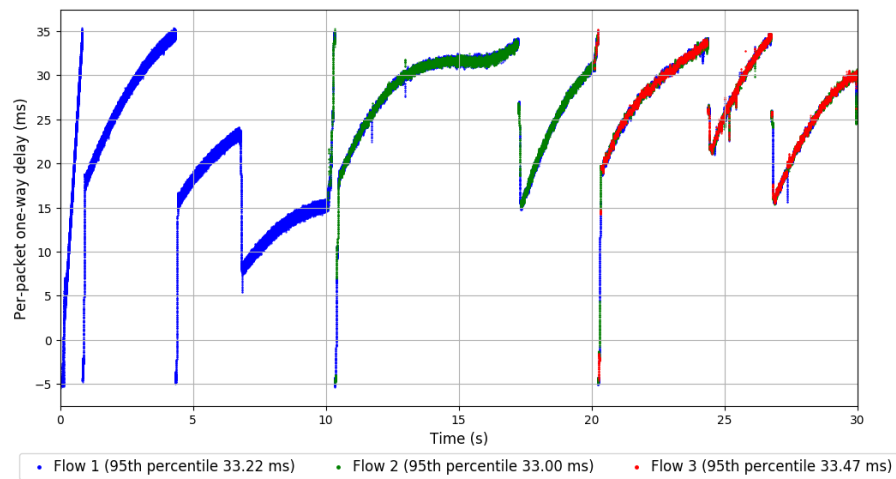
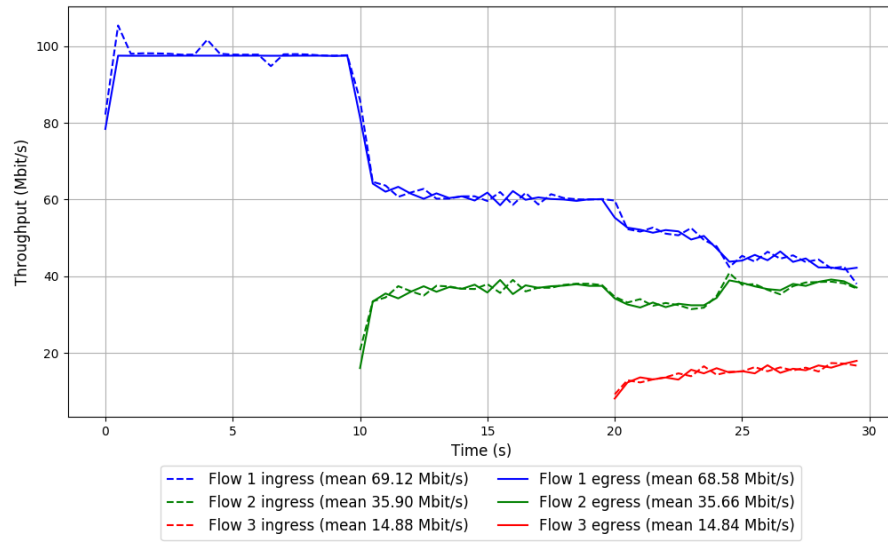


Run 4: Statistics of TCP Cubic

Start at: 2018-02-20 14:43:12
End at: 2018-02-20 14:43:42
Local clock offset: -0.51 ms
Remote clock offset: -18.679 ms

Below is generated by plot.py at 2018-02-20 17:38:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 33.195 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 68.58 Mbit/s
95th percentile per-packet one-way delay: 33.221 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 35.66 Mbit/s
95th percentile per-packet one-way delay: 32.998 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 14.84 Mbit/s
95th percentile per-packet one-way delay: 33.468 ms
Loss rate: 0.25%

Run 4: Report of TCP Cubic — Data Link

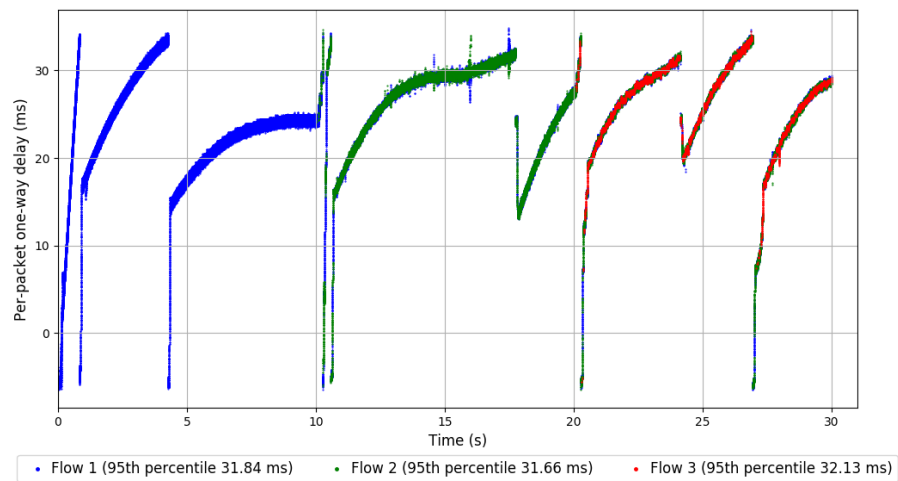
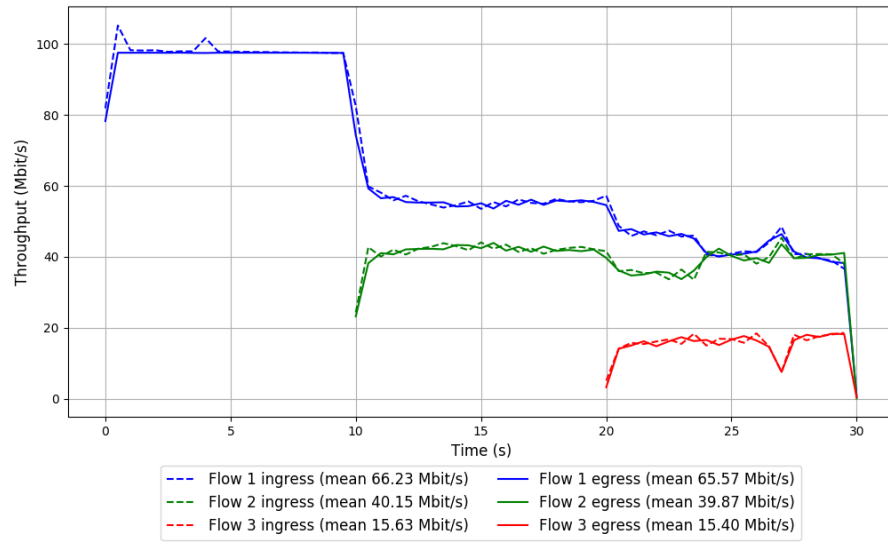


Run 5: Statistics of TCP Cubic

Start at: 2018-02-20 15:04:55
End at: 2018-02-20 15:05:25
Local clock offset: -0.296 ms
Remote clock offset: -13.405 ms

Below is generated by plot.py at 2018-02-20 17:38:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 31.772 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 65.57 Mbit/s
95th percentile per-packet one-way delay: 31.844 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 31.658 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 15.40 Mbit/s
95th percentile per-packet one-way delay: 32.128 ms
Loss rate: 1.44%

Run 5: Report of TCP Cubic — Data Link

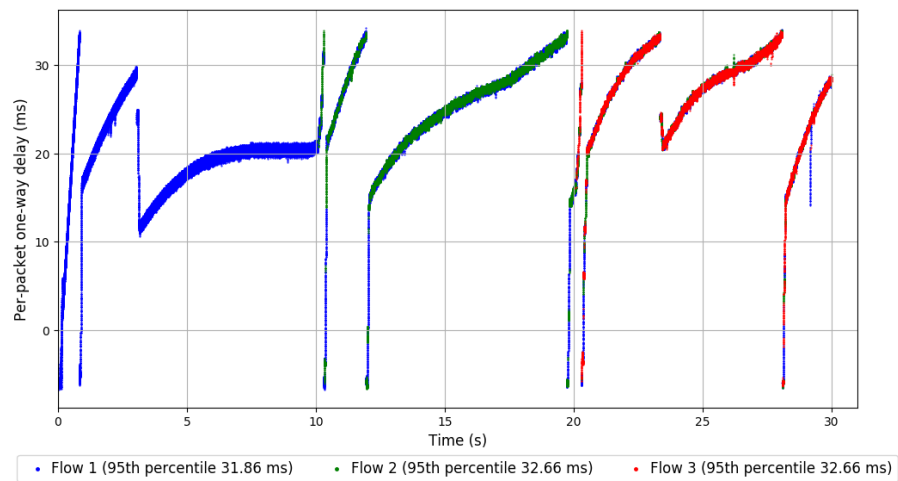
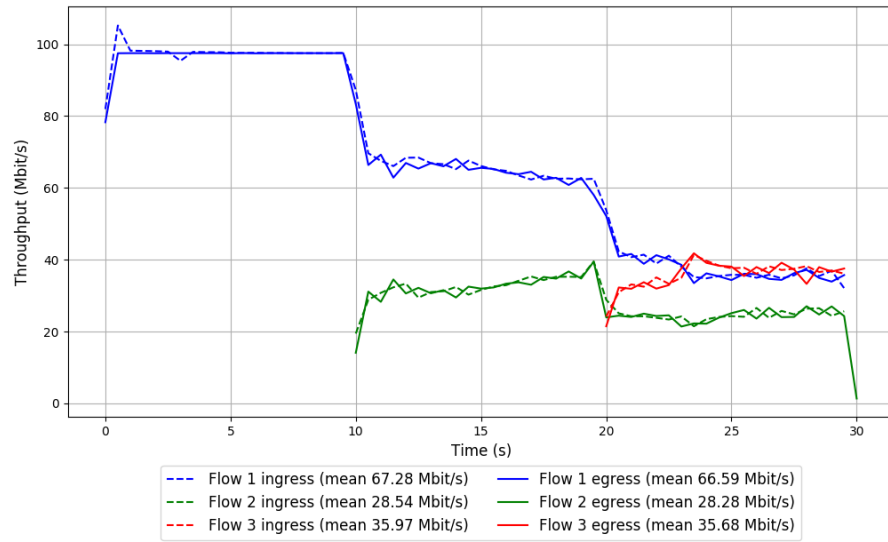


Run 6: Statistics of TCP Cubic

Start at: 2018-02-20 15:26:37
End at: 2018-02-20 15:27:07
Local clock offset: 0.4 ms
Remote clock offset: -10.36 ms

Below is generated by plot.py at 2018-02-20 17:38:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 32.233 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 66.59 Mbit/s
95th percentile per-packet one-way delay: 31.856 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 28.28 Mbit/s
95th percentile per-packet one-way delay: 32.657 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 35.68 Mbit/s
95th percentile per-packet one-way delay: 32.659 ms
Loss rate: 0.68%

Run 6: Report of TCP Cubic — Data Link

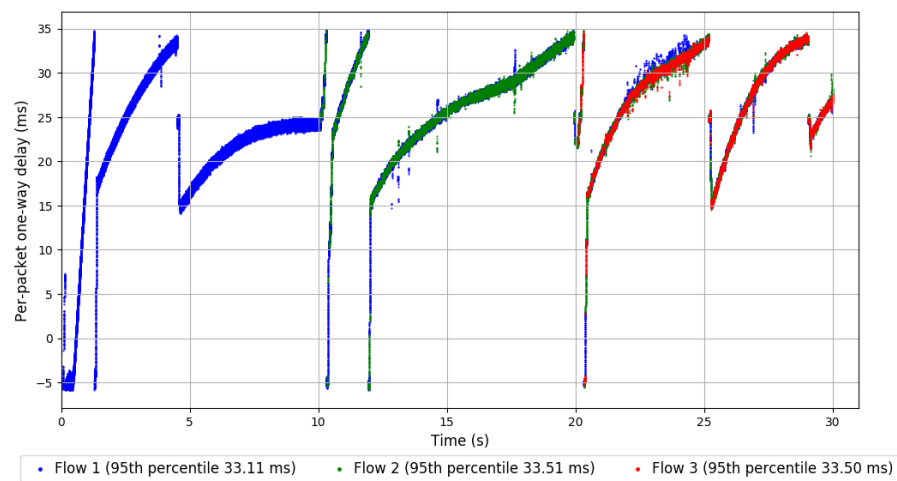
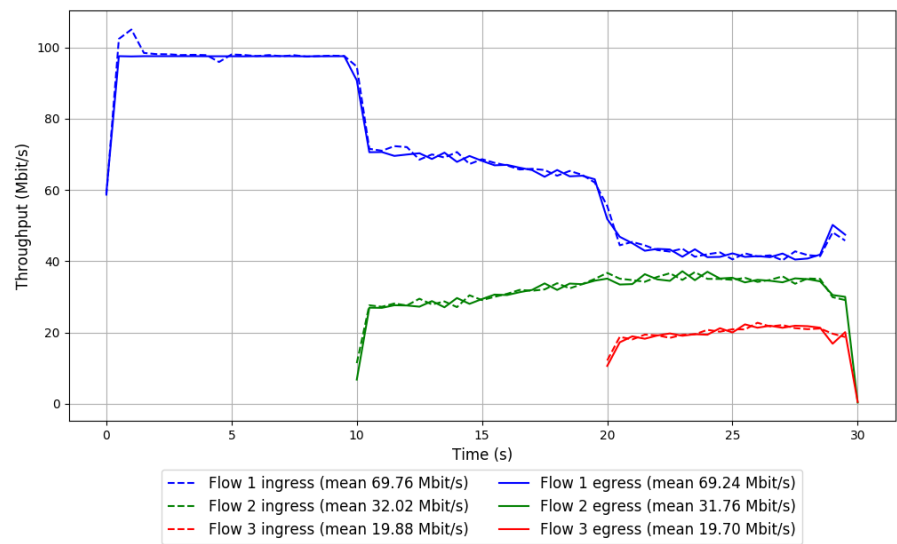


Run 7: Statistics of TCP Cubic

Start at: 2018-02-20 15:48:31
End at: 2018-02-20 15:49:01
Local clock offset: -0.168 ms
Remote clock offset: -6.337 ms

Below is generated by plot.py at 2018-02-20 17:39:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 33.278 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 69.24 Mbit/s
95th percentile per-packet one-way delay: 33.111 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 33.511 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 19.70 Mbit/s
95th percentile per-packet one-way delay: 33.501 ms
Loss rate: 0.87%

Run 7: Report of TCP Cubic — Data Link

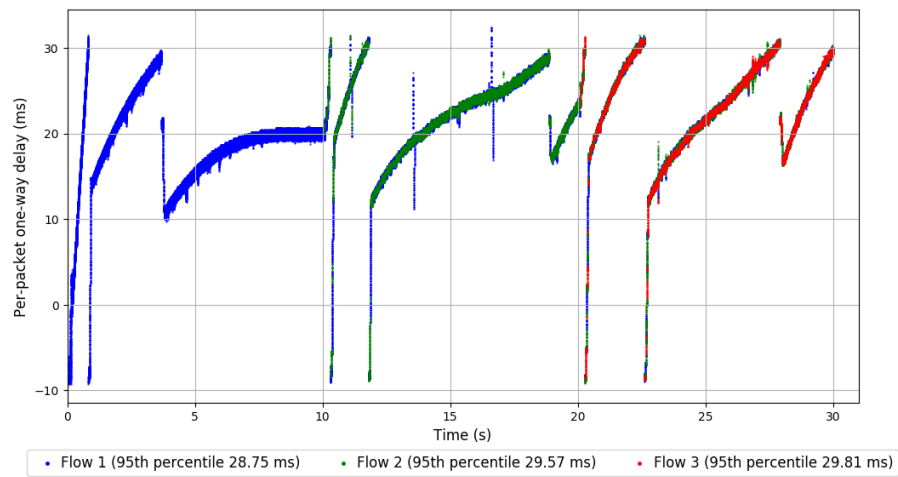
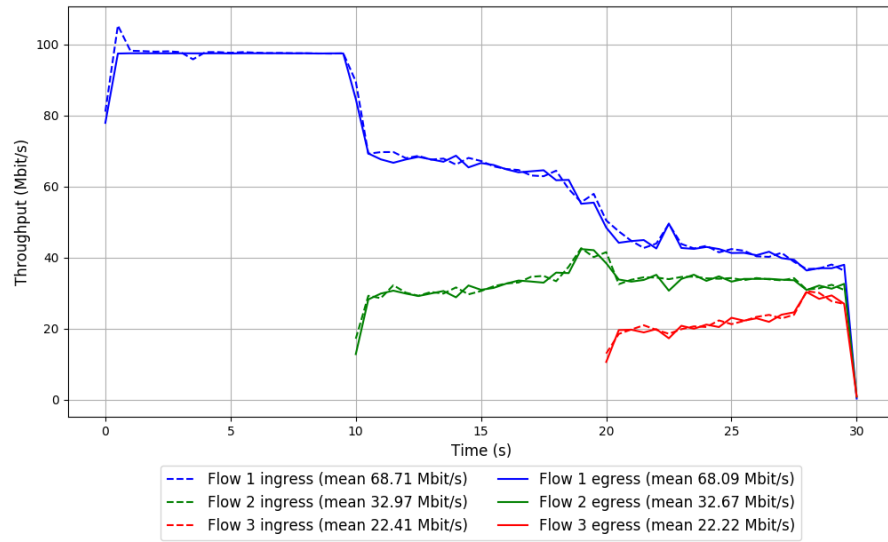


Run 8: Statistics of TCP Cubic

Start at: 2018-02-20 16:10:25
End at: 2018-02-20 16:10:55
Local clock offset: -1.025 ms
Remote clock offset: -21.14 ms

Below is generated by plot.py at 2018-02-20 17:39:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 29.168 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 68.09 Mbit/s
95th percentile per-packet one-way delay: 28.750 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 29.573 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 22.22 Mbit/s
95th percentile per-packet one-way delay: 29.806 ms
Loss rate: 0.78%

Run 8: Report of TCP Cubic — Data Link

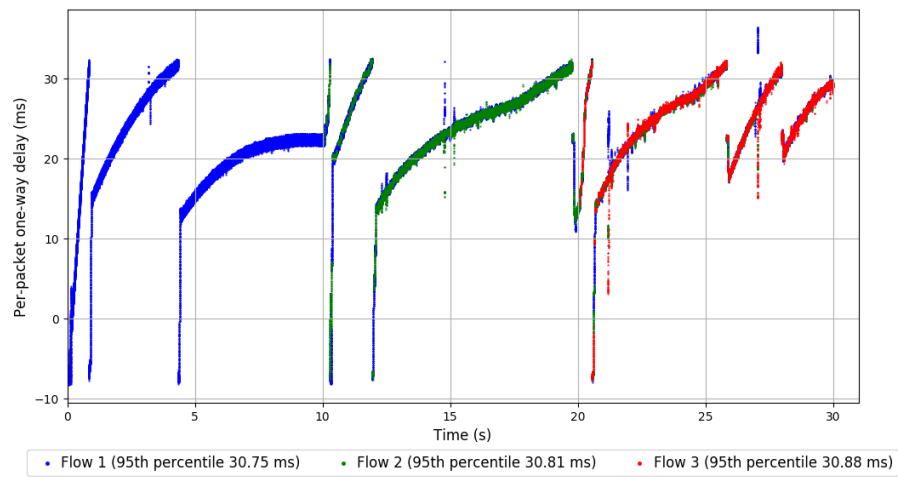
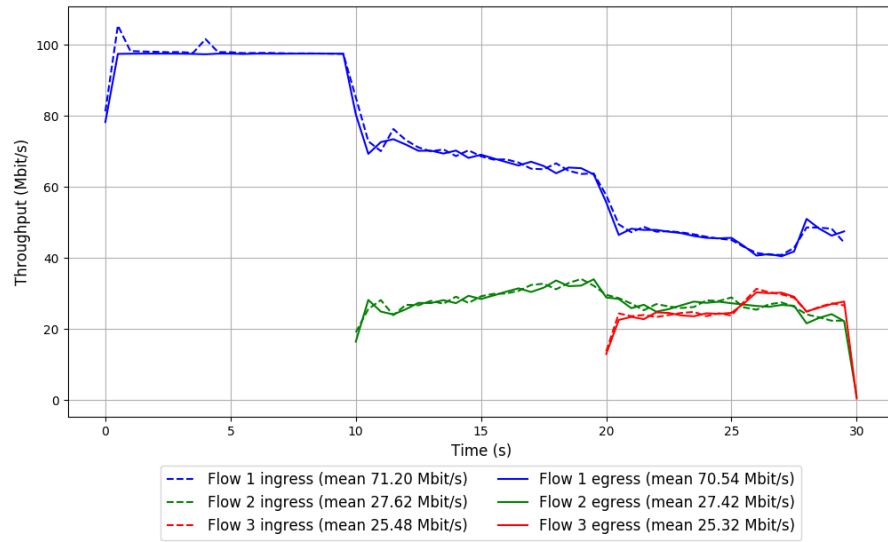


Run 9: Statistics of TCP Cubic

Start at: 2018-02-20 16:32:39
End at: 2018-02-20 16:33:09
Local clock offset: -2.229 ms
Remote clock offset: -24.424 ms

Below is generated by plot.py at 2018-02-20 17:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 30.773 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 30.750 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 27.42 Mbit/s
95th percentile per-packet one-way delay: 30.811 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 25.32 Mbit/s
95th percentile per-packet one-way delay: 30.878 ms
Loss rate: 0.46%

Run 9: Report of TCP Cubic — Data Link

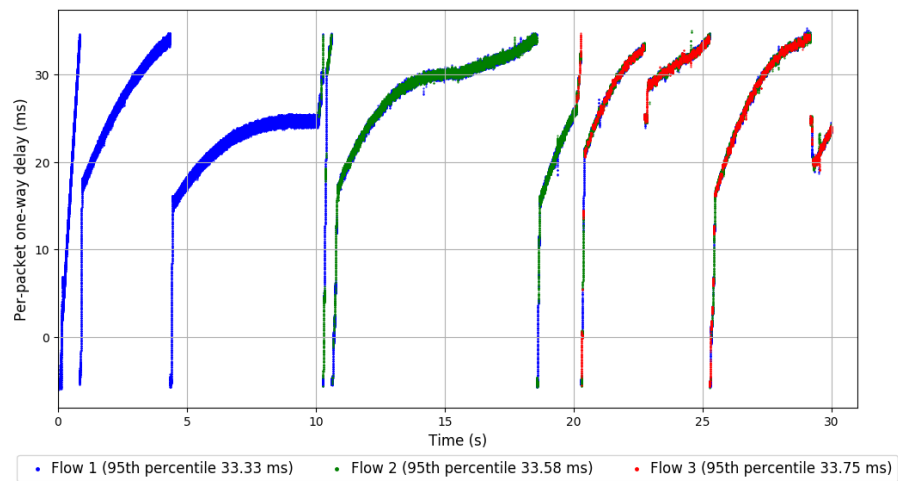
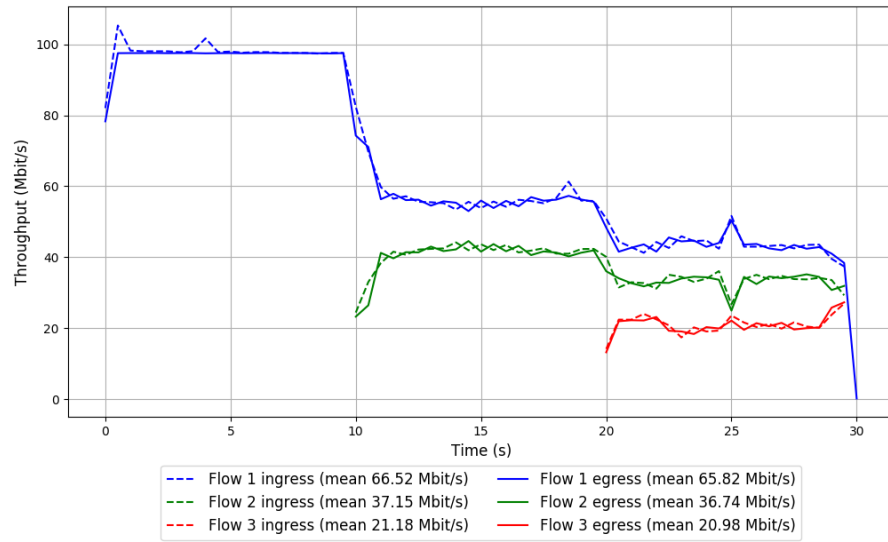


Run 10: Statistics of TCP Cubic

Start at: 2018-02-20 16:54:35
End at: 2018-02-20 16:55:05
Local clock offset: 0.502 ms
Remote clock offset: -27.703 ms

Below is generated by plot.py at 2018-02-20 17:39:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 33.415 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 65.82 Mbit/s
95th percentile per-packet one-way delay: 33.325 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 36.74 Mbit/s
95th percentile per-packet one-way delay: 33.576 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 20.98 Mbit/s
95th percentile per-packet one-way delay: 33.747 ms
Loss rate: 0.96%

Run 10: Report of TCP Cubic — Data Link

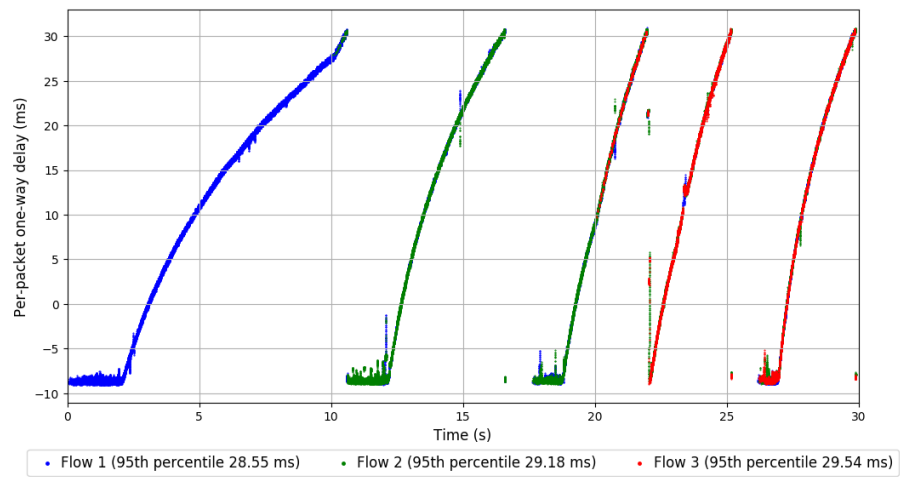
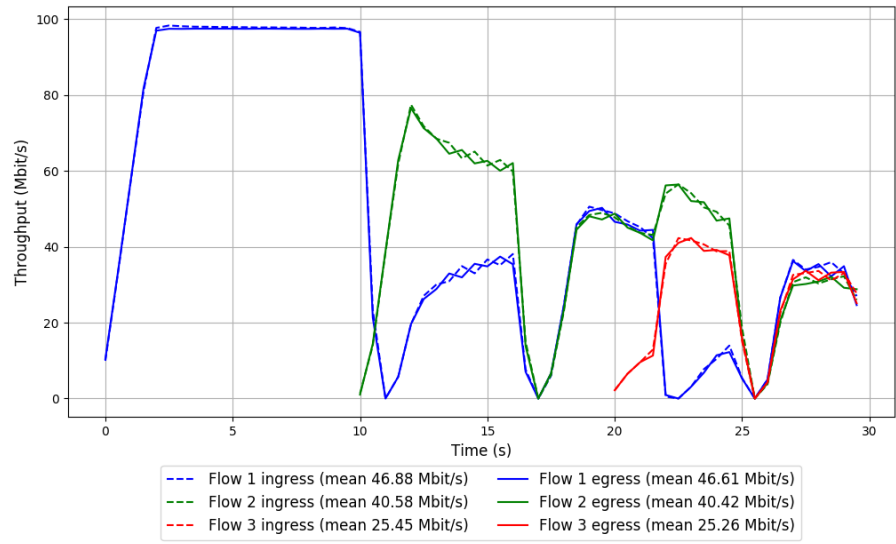


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-20 13:26:29
End at: 2018-02-20 13:26:59
Local clock offset: 0.331 ms
Remote clock offset: -20.337 ms

# Below is generated by plot.py at 2018-02-20 17:39:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.67 Mbit/s
95th percentile per-packet one-way delay: 28.957 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 46.61 Mbit/s
95th percentile per-packet one-way delay: 28.545 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 29.183 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 25.26 Mbit/s
95th percentile per-packet one-way delay: 29.544 ms
Loss rate: 0.92%
```

Run 1: Report of LEDBAT — Data Link

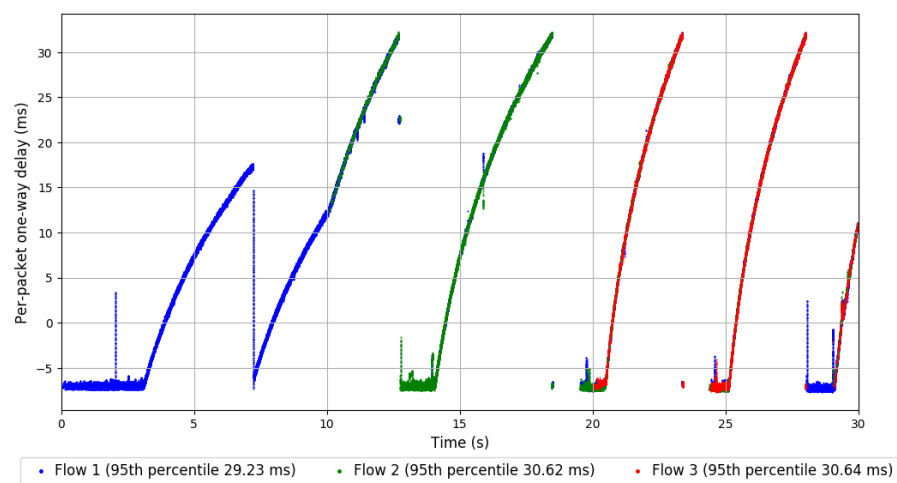
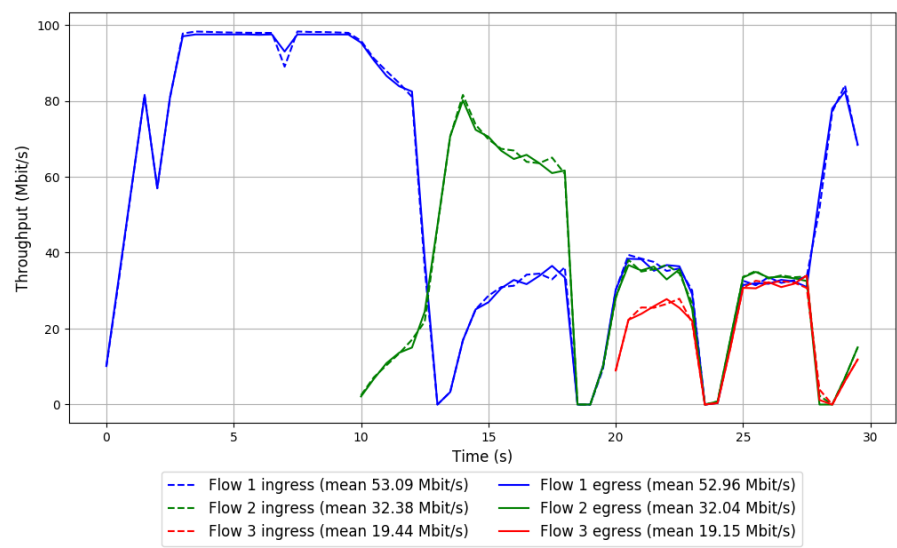


Run 2: Statistics of LEDBAT

Start at: 2018-02-20 13:48:34
End at: 2018-02-20 13:49:04
Local clock offset: 2.647 ms
Remote clock offset: -17.252 ms

Below is generated by plot.py at 2018-02-20 17:39:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.64 Mbit/s
95th percentile per-packet one-way delay: 29.986 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 29.235 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 30.618 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 19.15 Mbit/s
95th percentile per-packet one-way delay: 30.644 ms
Loss rate: 1.30%

Run 2: Report of LEDBAT — Data Link

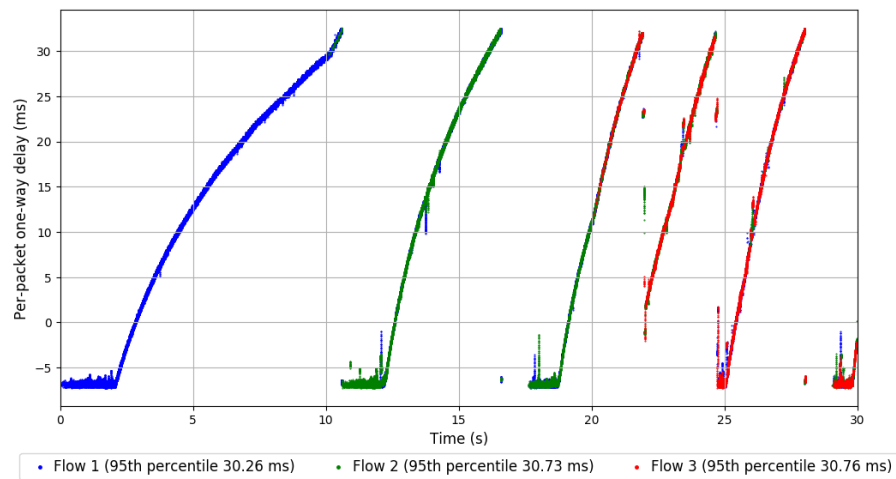
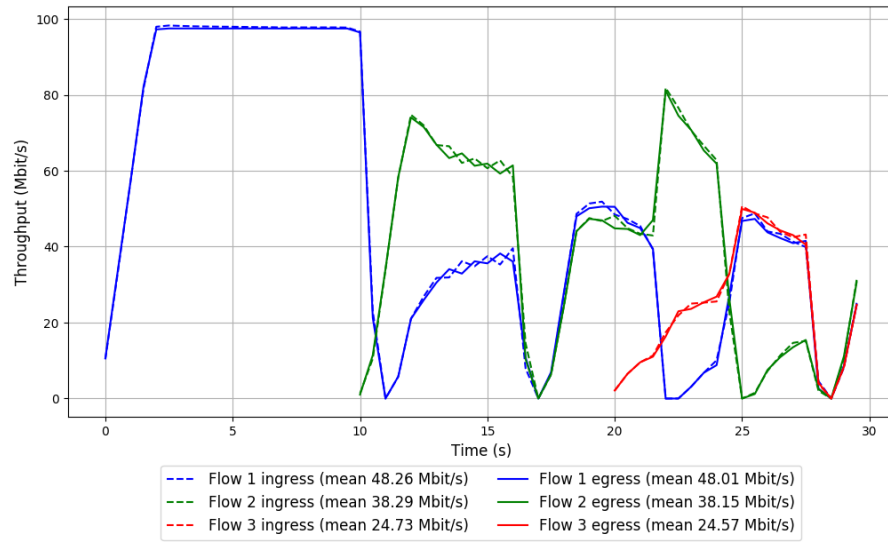


Run 3: Statistics of LEDBAT

Start at: 2018-02-20 14:10:15
End at: 2018-02-20 14:10:45
Local clock offset: -4.918 ms
Remote clock offset: -20.244 ms

Below is generated by plot.py at 2018-02-20 17:39:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.49 Mbit/s
95th percentile per-packet one-way delay: 30.491 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 30.258 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 38.15 Mbit/s
95th percentile per-packet one-way delay: 30.729 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 30.758 ms
Loss rate: 0.80%

Run 3: Report of LEDBAT — Data Link

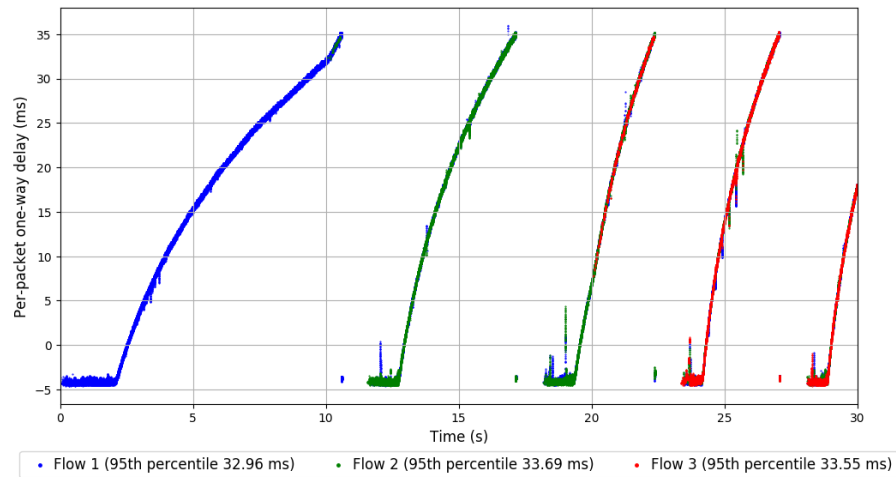
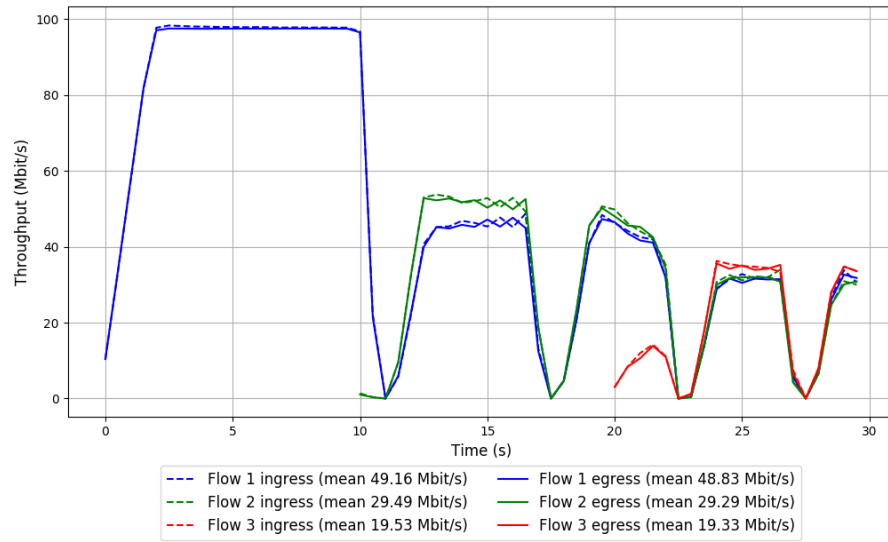


Run 4: Statistics of LEDBAT

Start at: 2018-02-20 14:32:12
End at: 2018-02-20 14:32:42
Local clock offset: -2.558 ms
Remote clock offset: -18.887 ms

Below is generated by plot.py at 2018-02-20 17:39:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.70 Mbit/s
95th percentile per-packet one-way delay: 33.214 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 48.83 Mbit/s
95th percentile per-packet one-way delay: 32.959 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 33.689 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 19.33 Mbit/s
95th percentile per-packet one-way delay: 33.554 ms
Loss rate: 0.94%

Run 4: Report of LEDBAT — Data Link

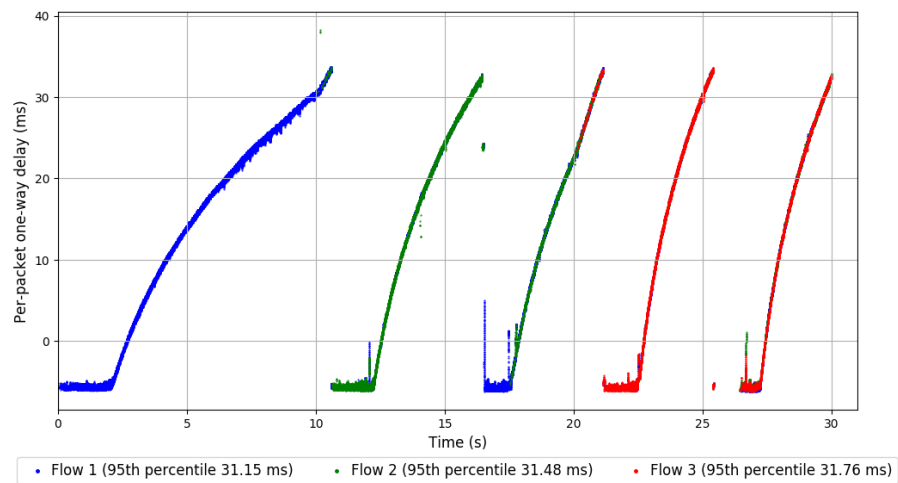
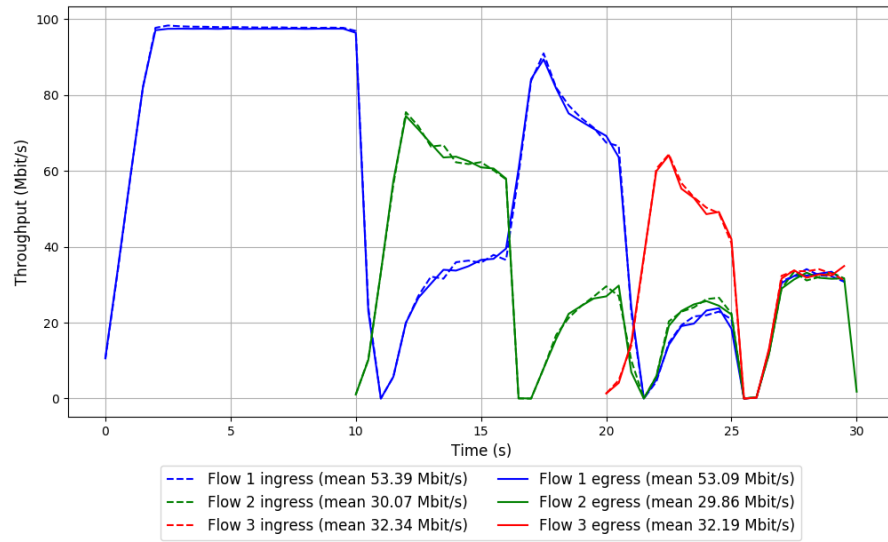


Run 5: Statistics of LEDBAT

Start at: 2018-02-20 14:54:04
End at: 2018-02-20 14:54:34
Local clock offset: 0.022 ms
Remote clock offset: -15.767 ms

Below is generated by plot.py at 2018-02-20 17:40:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.56 Mbit/s
95th percentile per-packet one-way delay: 31.343 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 31.148 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 29.86 Mbit/s
95th percentile per-packet one-way delay: 31.481 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 31.764 ms
Loss rate: 0.37%

Run 5: Report of LEDBAT — Data Link

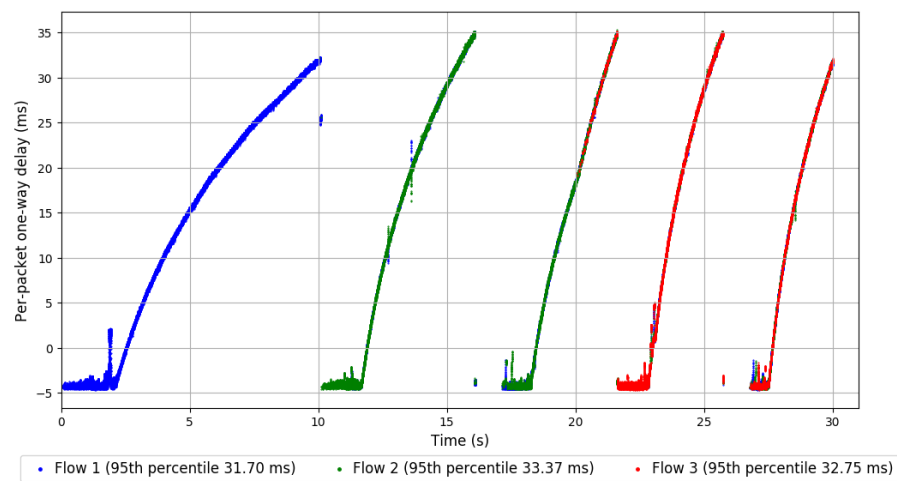
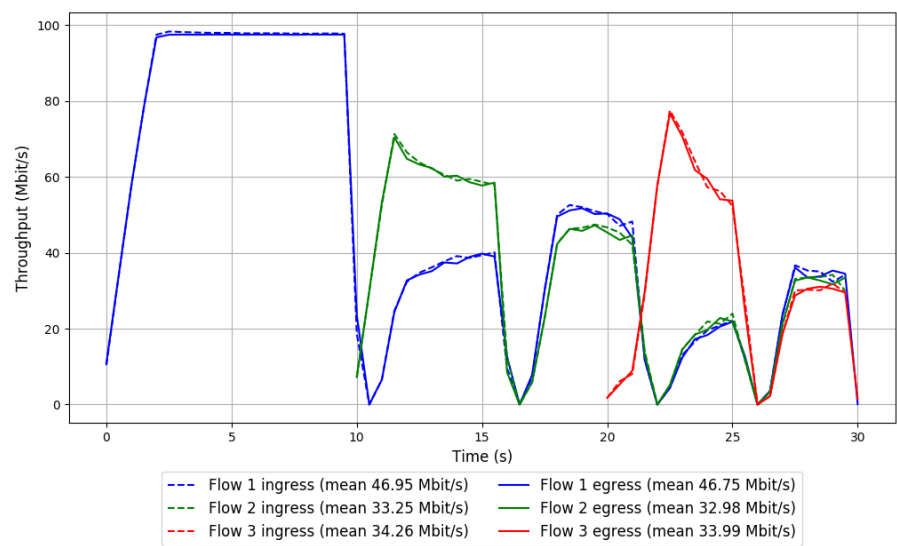


Run 6: Statistics of LEDBAT

Start at: 2018-02-20 15:15:47
End at: 2018-02-20 15:16:17
Local clock offset: -0.826 ms
Remote clock offset: -10.496 ms

Below is generated by plot.py at 2018-02-20 17:40:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.93 Mbit/s
95th percentile per-packet one-way delay: 32.189 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 46.75 Mbit/s
95th percentile per-packet one-way delay: 31.697 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 33.367 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 33.99 Mbit/s
95th percentile per-packet one-way delay: 32.748 ms
Loss rate: 0.67%

Run 6: Report of LEDBAT — Data Link

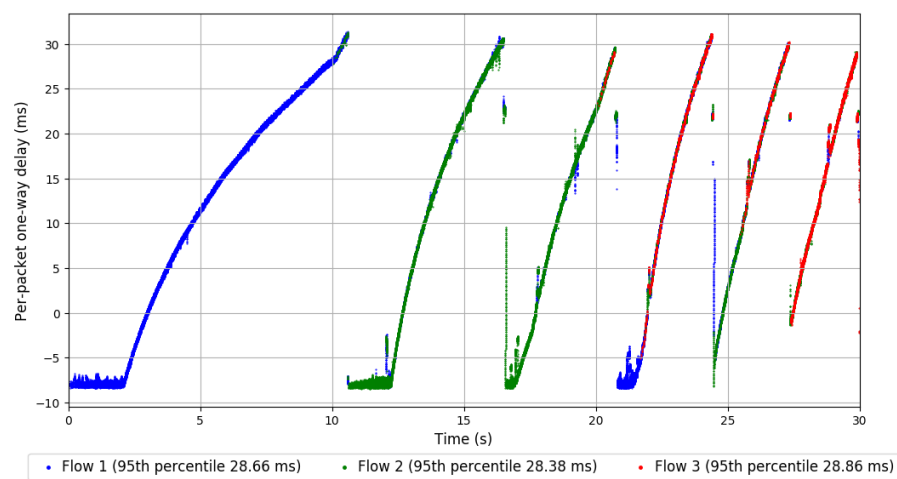
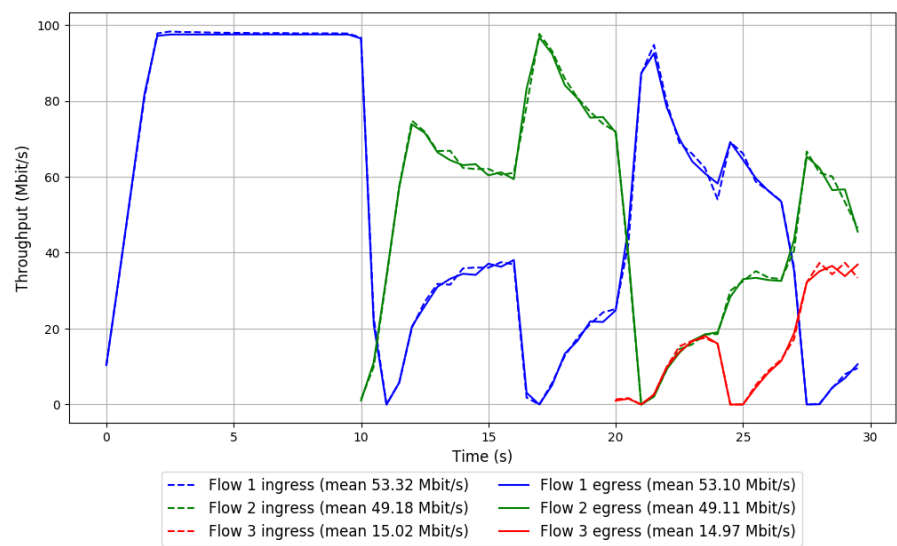


Run 7: Statistics of LEDBAT

Start at: 2018-02-20 15:37:41
End at: 2018-02-20 15:38:11
Local clock offset: 2.068 ms
Remote clock offset: -8.111 ms

Below is generated by plot.py at 2018-02-20 17:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 28.614 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 28.665 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 28.381 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 28.856 ms
Loss rate: 0.56%

Run 7: Report of LEDBAT — Data Link

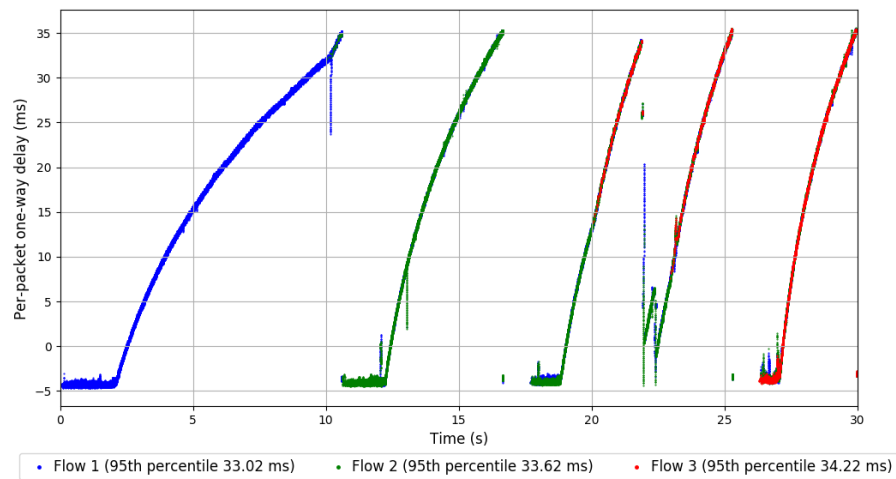
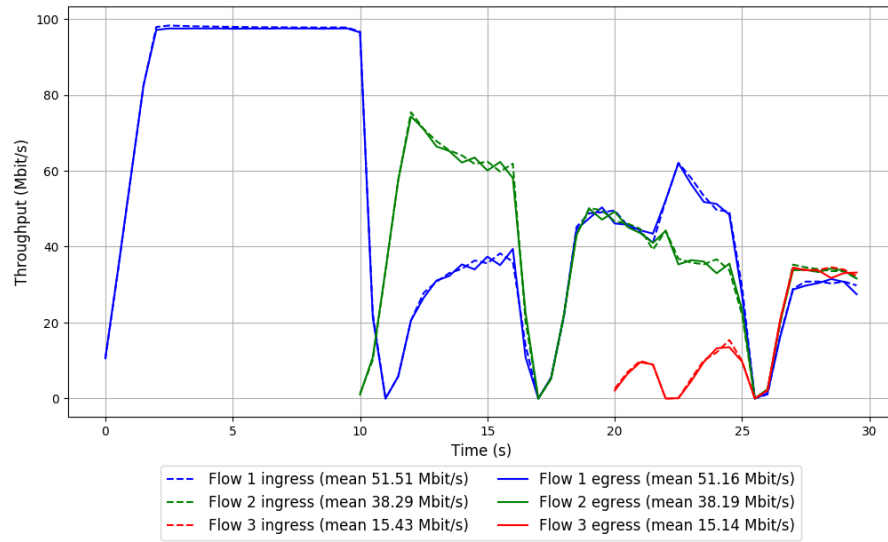


Run 8: Statistics of LEDBAT

Start at: 2018-02-20 15:59:22
End at: 2018-02-20 15:59:52
Local clock offset: -1.658 ms
Remote clock offset: -11.691 ms

Below is generated by plot.py at 2018-02-20 17:40:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.56 Mbit/s
95th percentile per-packet one-way delay: 33.354 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 51.16 Mbit/s
95th percentile per-packet one-way delay: 33.018 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 38.19 Mbit/s
95th percentile per-packet one-way delay: 33.625 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 34.216 ms
Loss rate: 2.02%

Run 8: Report of LEDBAT — Data Link

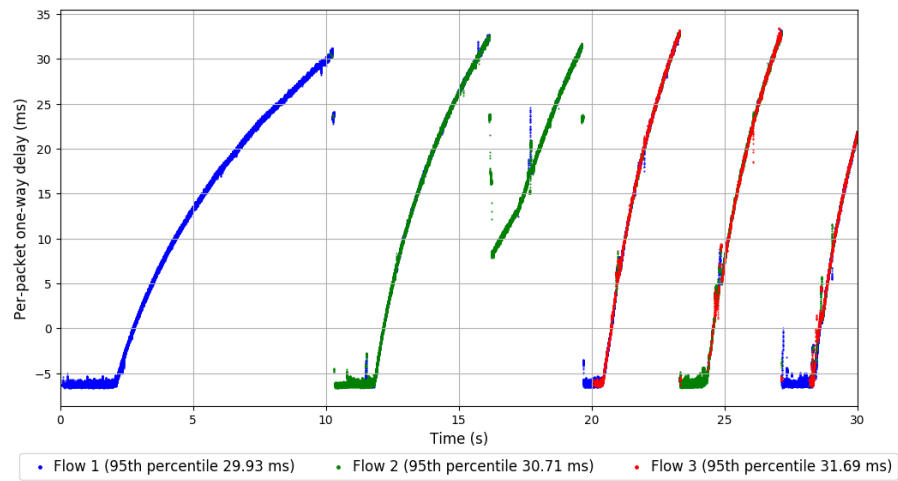
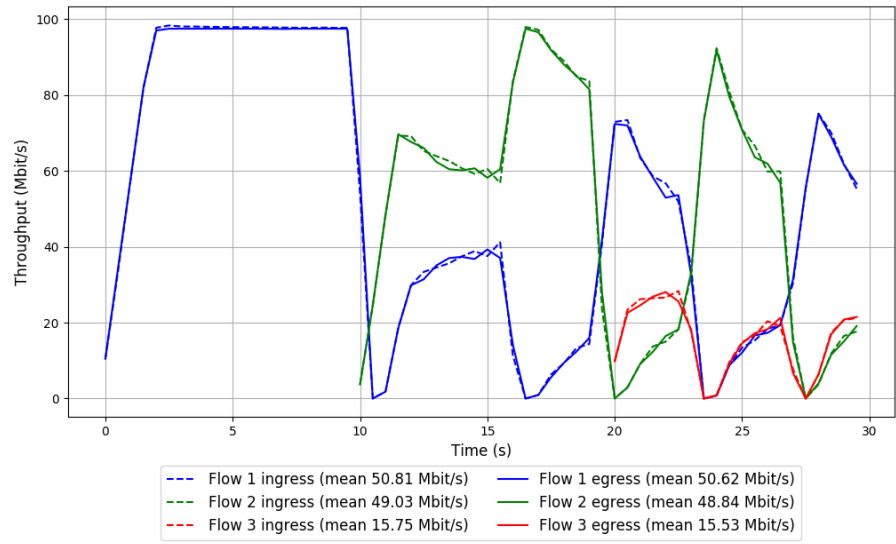


Run 9: Statistics of LEDBAT

Start at: 2018-02-20 16:21:43
End at: 2018-02-20 16:22:13
Local clock offset: -3.42 ms
Remote clock offset: -22.656 ms

Below is generated by plot.py at 2018-02-20 17:40:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: 30.268 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 50.62 Mbit/s
95th percentile per-packet one-way delay: 29.934 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 48.84 Mbit/s
95th percentile per-packet one-way delay: 30.710 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 15.53 Mbit/s
95th percentile per-packet one-way delay: 31.693 ms
Loss rate: 1.14%

Run 9: Report of LEDBAT — Data Link

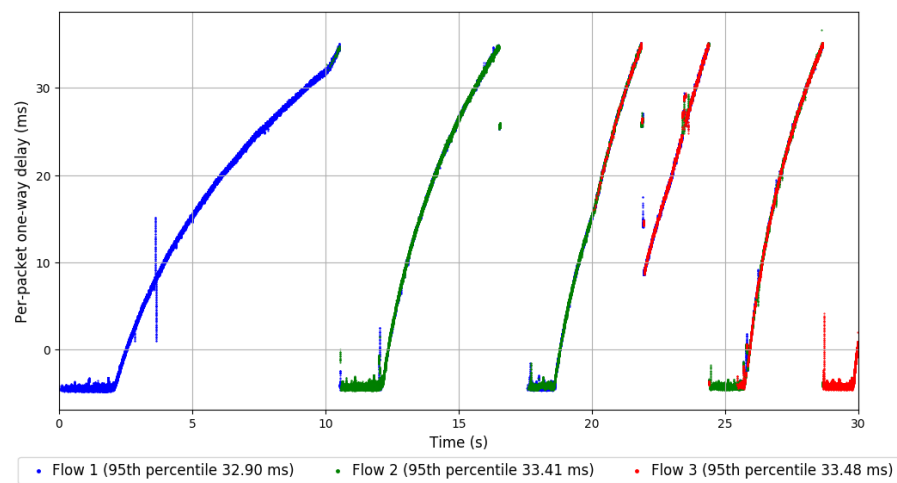
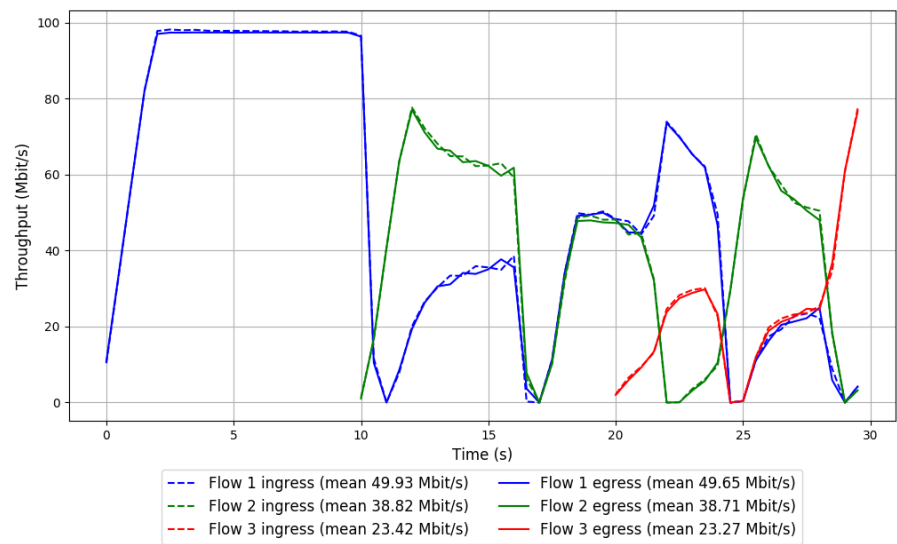


Run 10: Statistics of LEDBAT

Start at: 2018-02-20 16:43:43
End at: 2018-02-20 16:44:13
Local clock offset: -3.167 ms
Remote clock offset: -26.586 ms

Below is generated by plot.py at 2018-02-20 17:40:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.06 Mbit/s
95th percentile per-packet one-way delay: 33.165 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 49.65 Mbit/s
95th percentile per-packet one-way delay: 32.901 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 38.71 Mbit/s
95th percentile per-packet one-way delay: 33.414 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 23.27 Mbit/s
95th percentile per-packet one-way delay: 33.480 ms
Loss rate: 0.76%

Run 10: Report of LEDBAT — Data Link

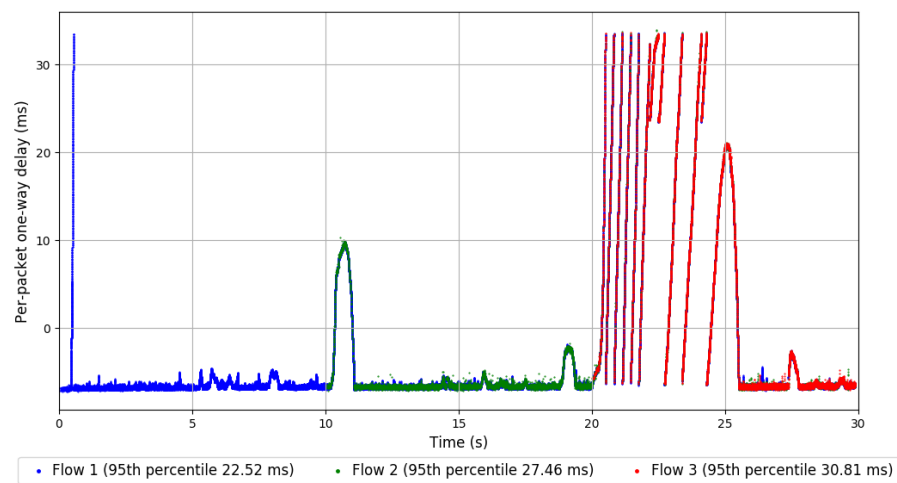
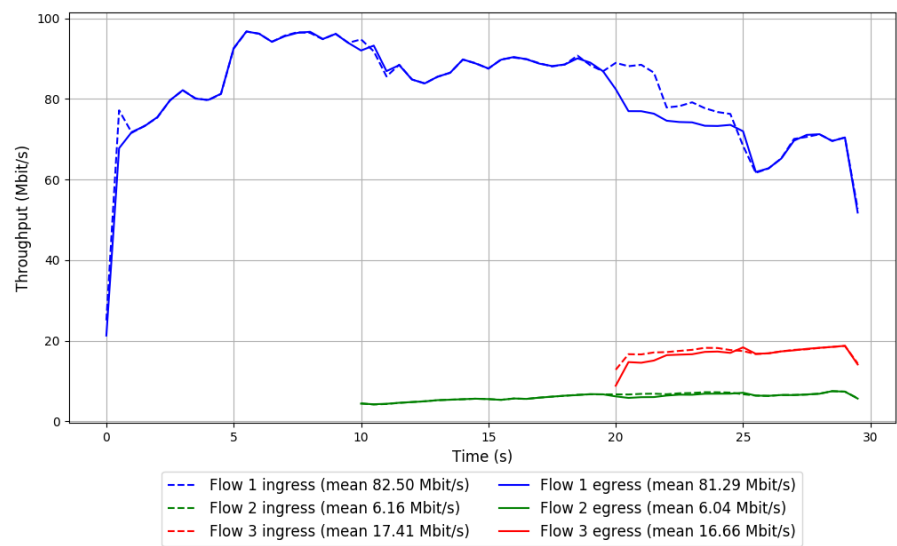


```
Run 1: Statistics of PCC

Start at: 2018-02-20 13:41:17
End at: 2018-02-20 13:41:47
Local clock offset: 2.128 ms
Remote clock offset: -18.519 ms

# Below is generated by plot.py at 2018-02-20 17:41:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 24.439 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 81.29 Mbit/s
95th percentile per-packet one-way delay: 22.516 ms
Loss rate: 1.46%
-- Flow 2:
Average throughput: 6.04 Mbit/s
95th percentile per-packet one-way delay: 27.459 ms
Loss rate: 1.94%
-- Flow 3:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: 30.814 ms
Loss rate: 4.26%
```

Run 1: Report of PCC — Data Link

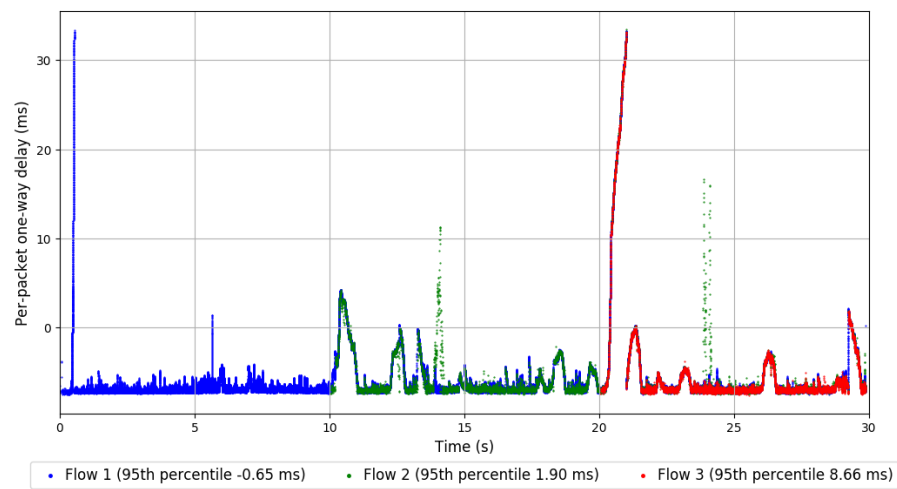
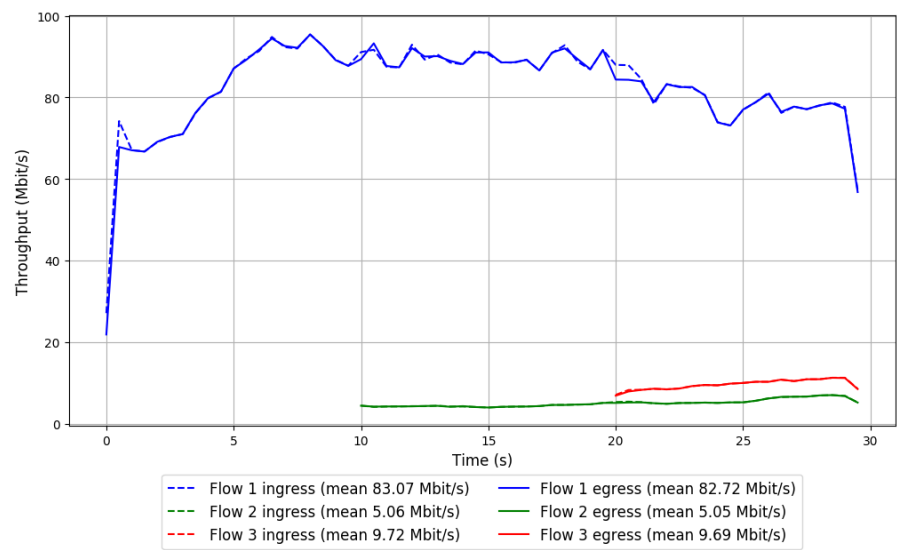


Run 2: Statistics of PCC

Start at: 2018-02-20 14:02:50
End at: 2018-02-20 14:03:20
Local clock offset: -2.61 ms
Remote clock offset: -18.579 ms

Below is generated by plot.py at 2018-02-20 17:41:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.28 Mbit/s
95th percentile per-packet one-way delay: -0.478 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 82.72 Mbit/s
95th percentile per-packet one-way delay: -0.646 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 5.05 Mbit/s
95th percentile per-packet one-way delay: 1.901 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 8.657 ms
Loss rate: 0.35%

Run 2: Report of PCC — Data Link

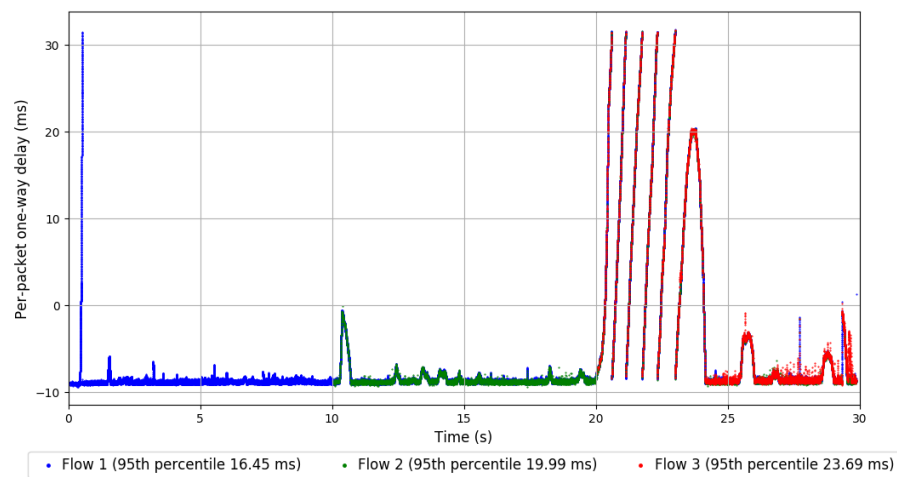
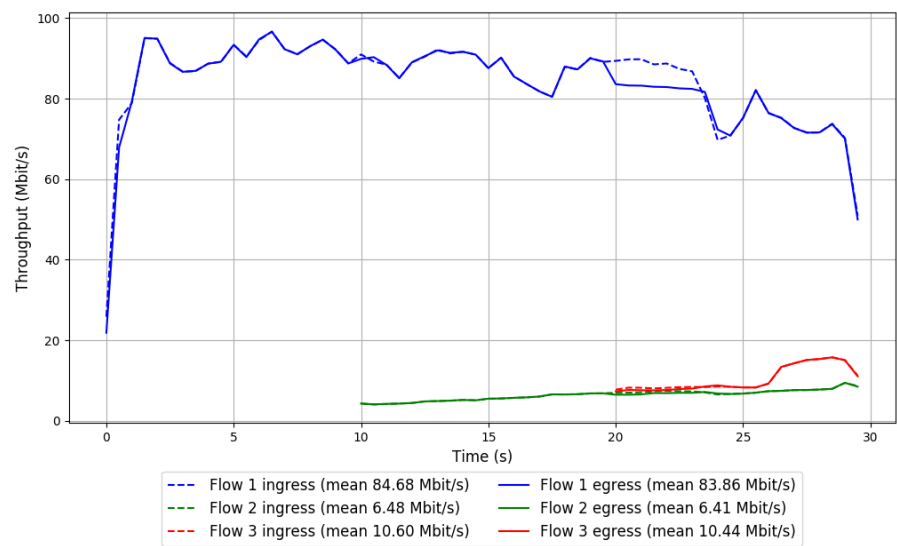


Run 3: Statistics of PCC

Start at: 2018-02-20 14:24:41
End at: 2018-02-20 14:25:11
Local clock offset: 0.343 ms
Remote clock offset: -18.954 ms

Below is generated by plot.py at 2018-02-20 17:42:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 17.515 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 16.454 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 6.41 Mbit/s
95th percentile per-packet one-way delay: 19.994 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 10.44 Mbit/s
95th percentile per-packet one-way delay: 23.687 ms
Loss rate: 1.54%

Run 3: Report of PCC — Data Link

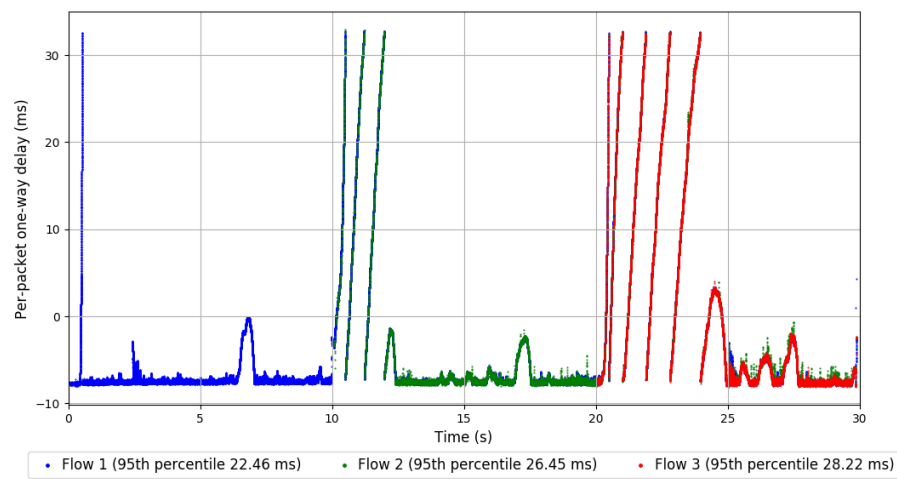
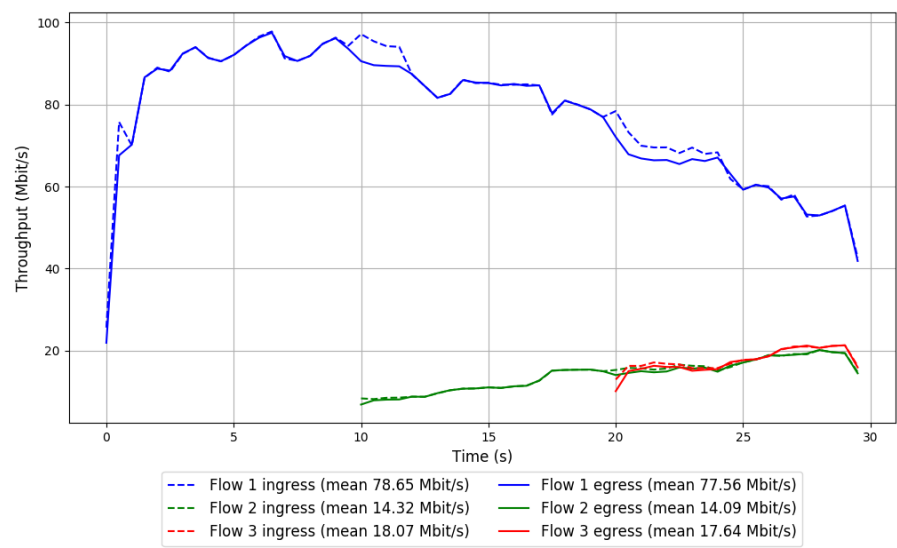


Run 4: Statistics of PCC

Start at: 2018-02-20 14:46:44
End at: 2018-02-20 14:47:14
Local clock offset: 2.704 ms
Remote clock offset: -18.267 ms

Below is generated by plot.py at 2018-02-20 17:42:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 23.646 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 77.56 Mbit/s
95th percentile per-packet one-way delay: 22.461 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 14.09 Mbit/s
95th percentile per-packet one-way delay: 26.454 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 17.64 Mbit/s
95th percentile per-packet one-way delay: 28.224 ms
Loss rate: 2.32%

Run 4: Report of PCC — Data Link

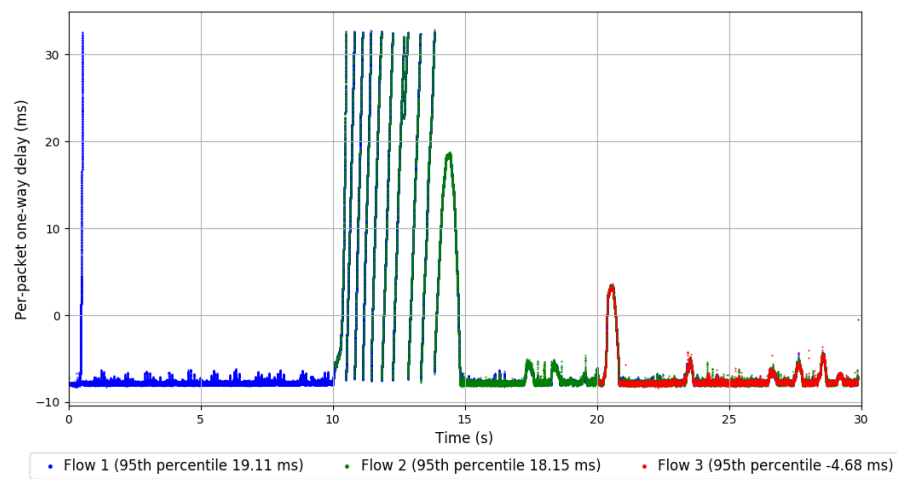
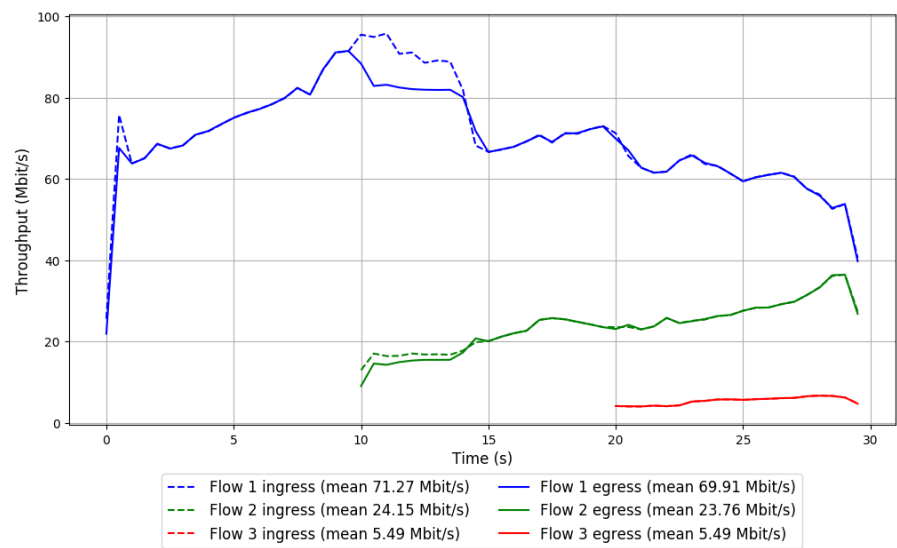


Run 5: Statistics of PCC

Start at: 2018-02-20 15:08:25
End at: 2018-02-20 15:08:55
Local clock offset: 2.524 ms
Remote clock offset: -11.571 ms

Below is generated by plot.py at 2018-02-20 17:42:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.51 Mbit/s
95th percentile per-packet one-way delay: 18.463 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 69.91 Mbit/s
95th percentile per-packet one-way delay: 19.106 ms
Loss rate: 1.89%
-- Flow 2:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 18.146 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 5.49 Mbit/s
95th percentile per-packet one-way delay: -4.679 ms
Loss rate: 0.00%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-02-20 15:30:07

End at: 2018-02-20 15:30:37

Local clock offset: -0.653 ms

Remote clock offset: -9.71 ms

Below is generated by plot.py at 2018-02-20 17:42:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.58 Mbit/s

95th percentile per-packet one-way delay: 22.492 ms

Loss rate: 1.89%

-- Flow 1:

Average throughput: 78.14 Mbit/s

95th percentile per-packet one-way delay: 21.077 ms

Loss rate: 1.72%

-- Flow 2:

Average throughput: 11.30 Mbit/s

95th percentile per-packet one-way delay: 25.482 ms

Loss rate: 2.09%

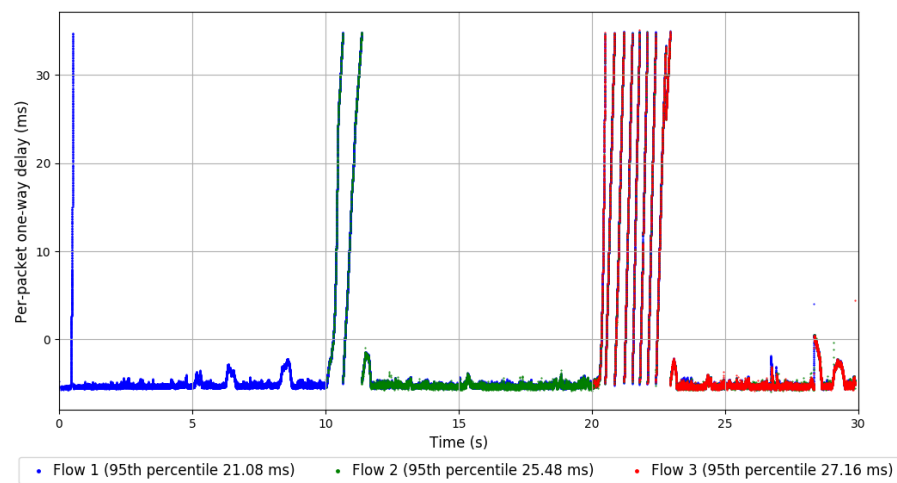
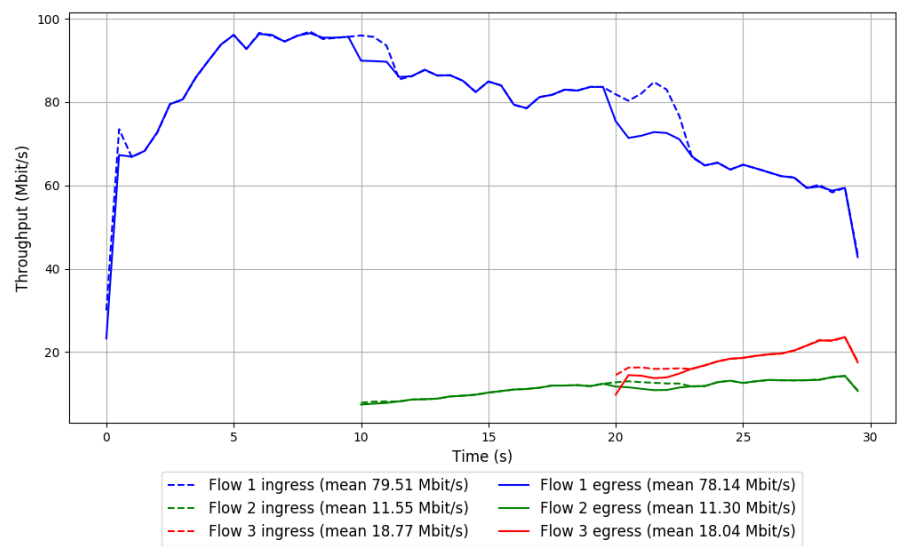
-- Flow 3:

Average throughput: 18.04 Mbit/s

95th percentile per-packet one-way delay: 27.164 ms

Loss rate: 3.83%

Run 6: Report of PCC — Data Link

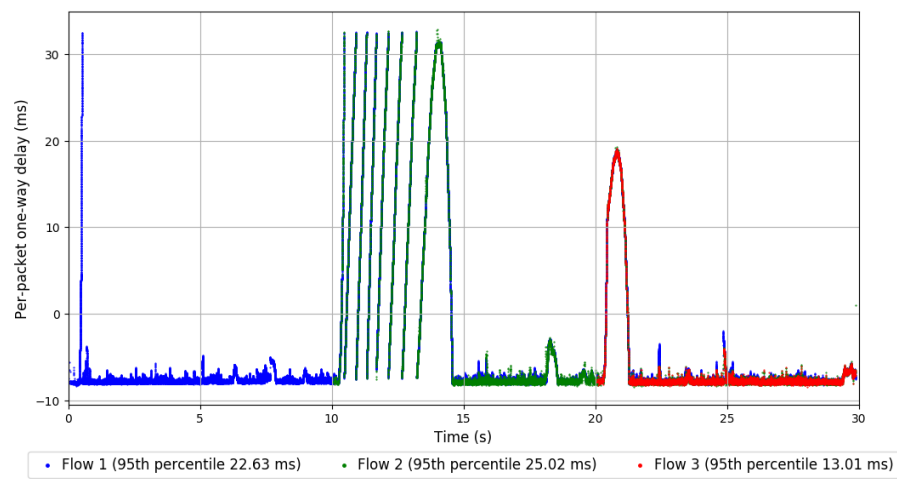
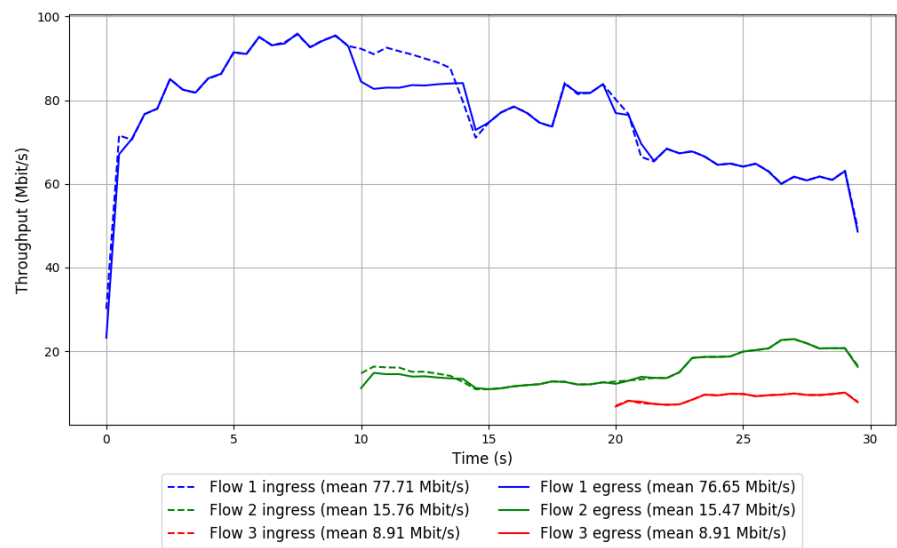


Run 7: Statistics of PCC

Start at: 2018-02-20 15:52:07
End at: 2018-02-20 15:52:37
Local clock offset: -0.192 ms
Remote clock offset: -8.125 ms

Below is generated by plot.py at 2018-02-20 17:42:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.86 Mbit/s
95th percentile per-packet one-way delay: 22.576 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 22.629 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 15.47 Mbit/s
95th percentile per-packet one-way delay: 25.019 ms
Loss rate: 1.79%
-- Flow 3:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 13.006 ms
Loss rate: 0.00%

Run 7: Report of PCC — Data Link

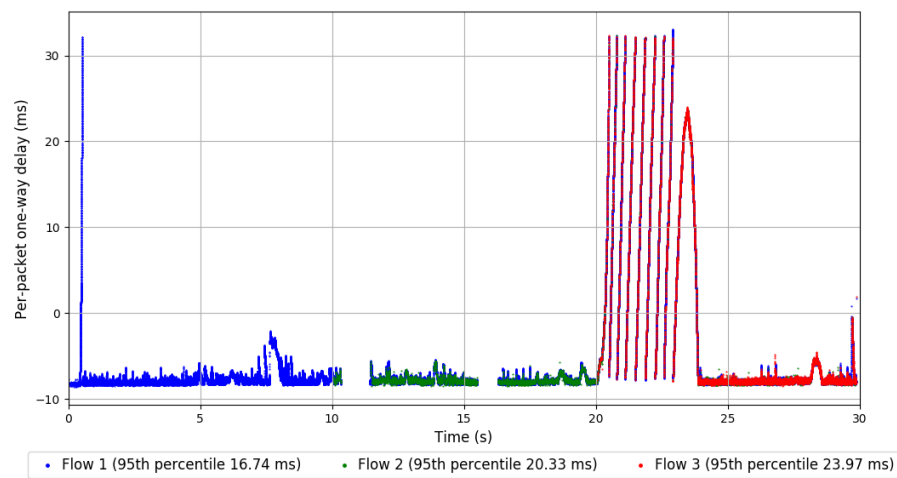
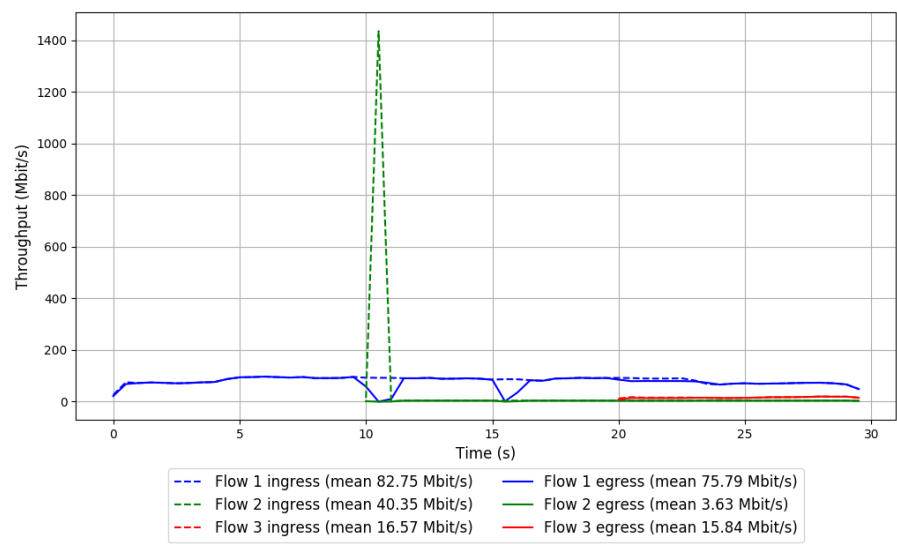


Run 8: Statistics of PCC

Start at: 2018-02-20 16:14:00
End at: 2018-02-20 16:14:30
Local clock offset: -2.077 ms
Remote clock offset: -22.002 ms

Below is generated by plot.py at 2018-02-20 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.42 Mbit/s
95th percentile per-packet one-way delay: 18.374 ms
Loss rate: 27.46%
-- Flow 1:
Average throughput: 75.79 Mbit/s
95th percentile per-packet one-way delay: 16.736 ms
Loss rate: 8.39%
-- Flow 2:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 20.334 ms
Loss rate: 91.01%
-- Flow 3:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 23.971 ms
Loss rate: 4.30%

Run 8: Report of PCC — Data Link

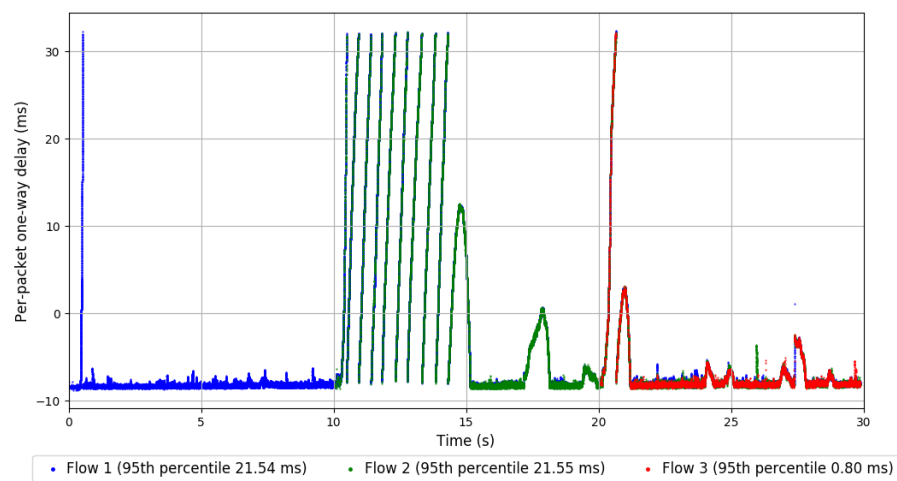
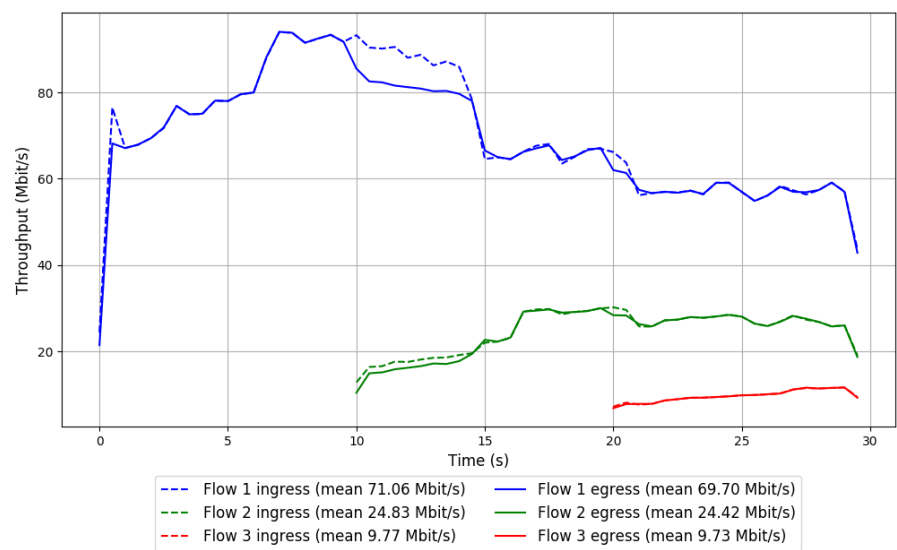


Run 9: Statistics of PCC

Start at: 2018-02-20 16:36:14
End at: 2018-02-20 16:36:44
Local clock offset: -3.617 ms
Remote clock offset: -26.401 ms

Below is generated by plot.py at 2018-02-20 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 21.233 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 21.539 ms
Loss rate: 1.92%
-- Flow 2:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 21.552 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 9.73 Mbit/s
95th percentile per-packet one-way delay: 0.804 ms
Loss rate: 0.34%

Run 9: Report of PCC — Data Link

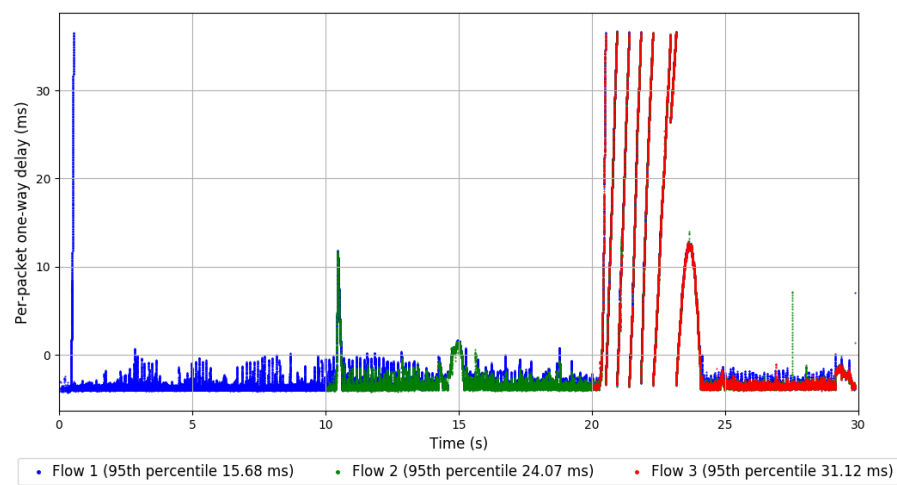
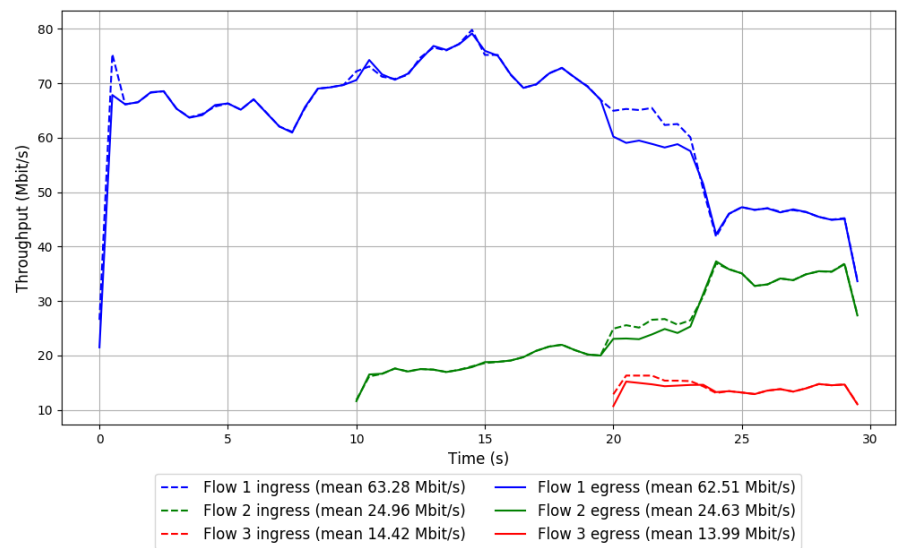


Run 10: Statistics of PCC

Start at: 2018-02-20 16:58:06
End at: 2018-02-20 16:58:36
Local clock offset: -0.647 ms
Remote clock offset: -27.795 ms

Below is generated by plot.py at 2018-02-20 17:42:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.50 Mbit/s
95th percentile per-packet one-way delay: 20.281 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 62.51 Mbit/s
95th percentile per-packet one-way delay: 15.679 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 24.072 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 13.99 Mbit/s
95th percentile per-packet one-way delay: 31.125 ms
Loss rate: 3.00%

Run 10: Report of PCC — Data Link

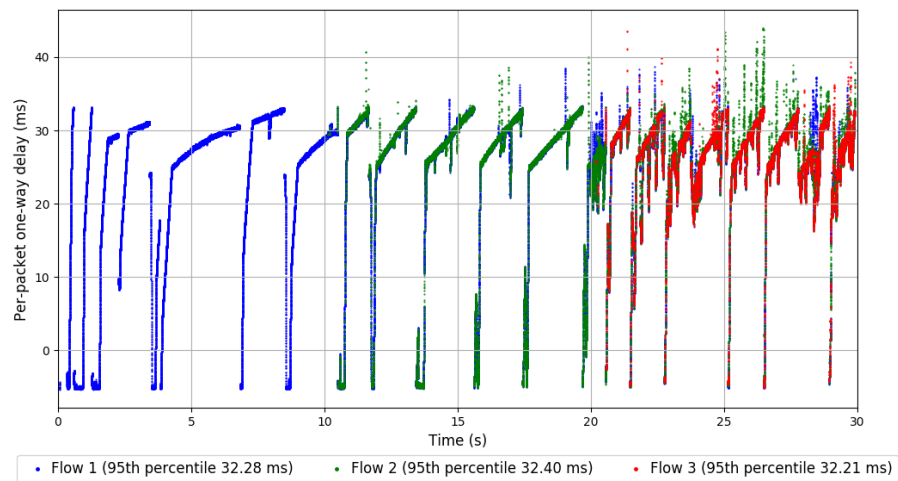
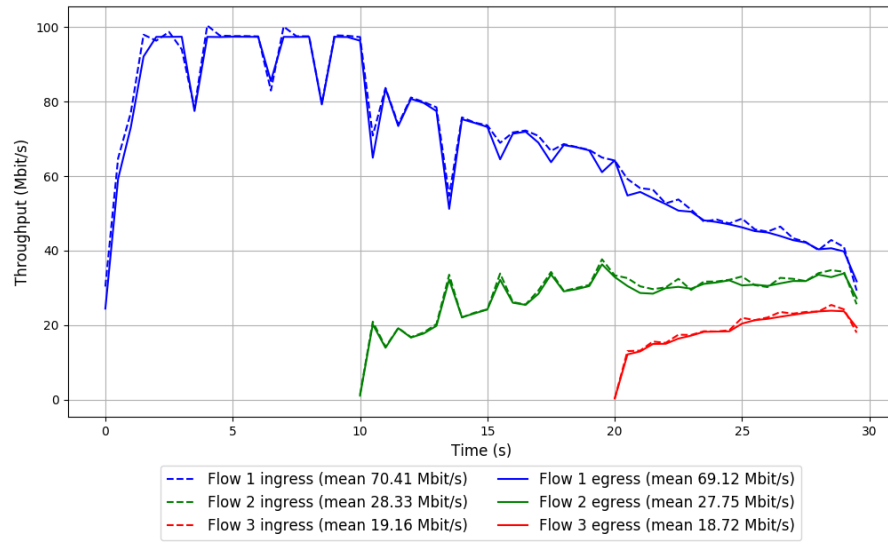


Run 1: Statistics of QUIC Cubic

Start at: 2018-02-20 13:30:14
End at: 2018-02-20 13:30:44
Local clock offset: -0.885 ms
Remote clock offset: -18.408 ms

Below is generated by plot.py at 2018-02-20 17:43:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 32.295 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 69.12 Mbit/s
95th percentile per-packet one-way delay: 32.278 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 27.75 Mbit/s
95th percentile per-packet one-way delay: 32.397 ms
Loss rate: 2.05%
-- Flow 3:
Average throughput: 18.72 Mbit/s
95th percentile per-packet one-way delay: 32.210 ms
Loss rate: 2.18%

Run 1: Report of QUIC Cubic — Data Link

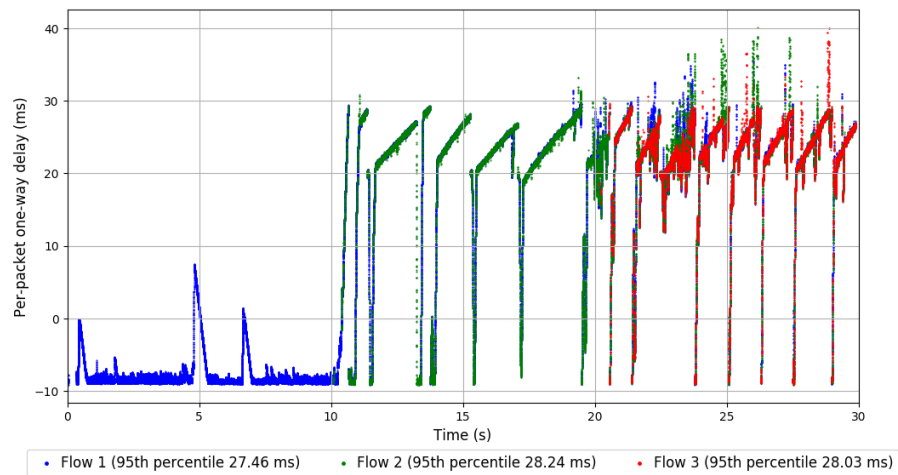
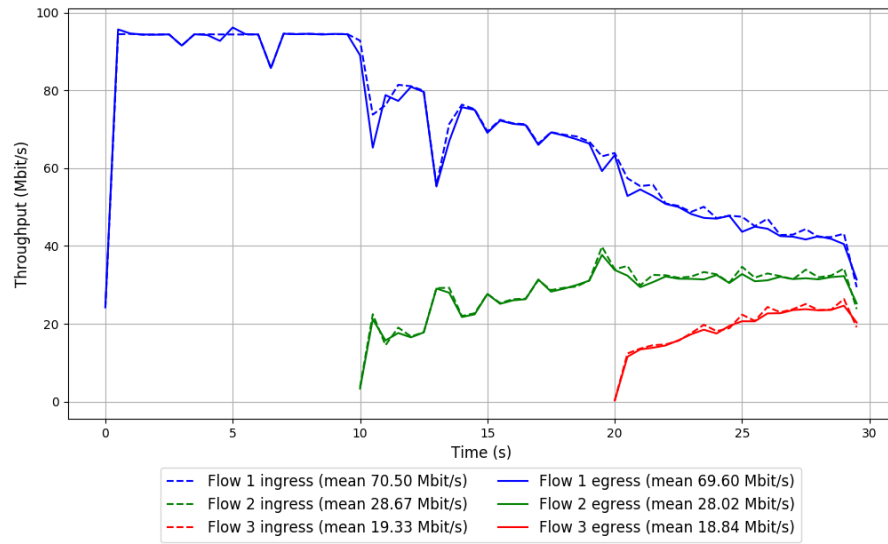


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-20 13:52:11
End at: 2018-02-20 13:52:41
Local clock offset: 1.46 ms
Remote clock offset: -18.474 ms

Below is generated by plot.py at 2018-02-20 17:43:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 27.719 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 69.60 Mbit/s
95th percentile per-packet one-way delay: 27.459 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 28.02 Mbit/s
95th percentile per-packet one-way delay: 28.237 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 28.028 ms
Loss rate: 2.46%

Run 2: Report of QUIC Cubic — Data Link

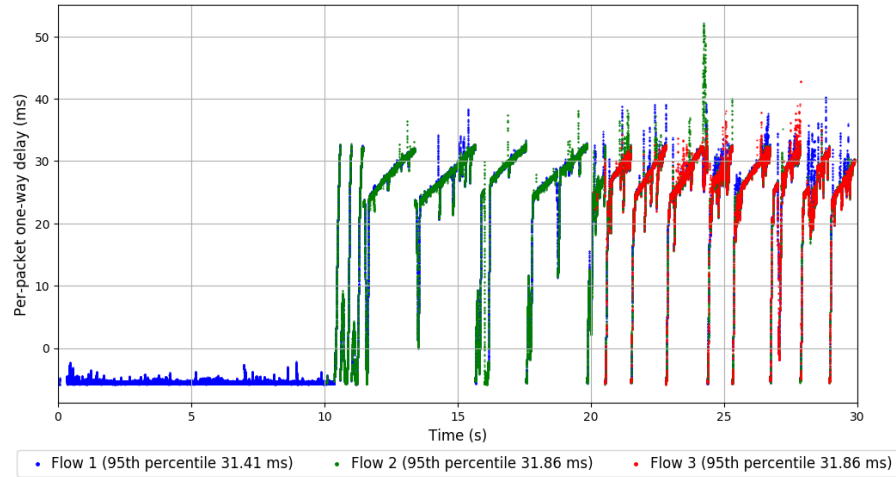
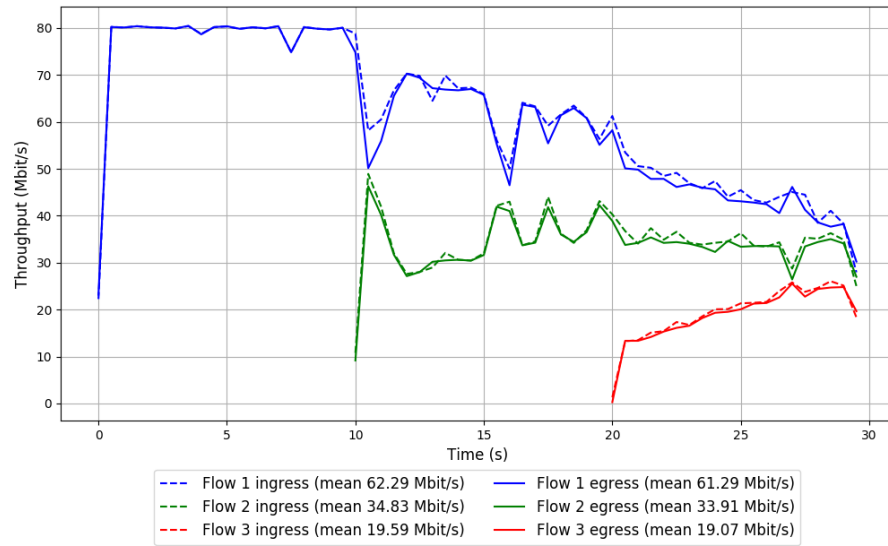


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-20 14:13:55
End at: 2018-02-20 14:14:25
Local clock offset: -3.505 ms
Remote clock offset: -17.342 ms

Below is generated by plot.py at 2018-02-20 17:43:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 31.582 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 61.29 Mbit/s
95th percentile per-packet one-way delay: 31.407 ms
Loss rate: 1.48%
-- Flow 2:
Average throughput: 33.91 Mbit/s
95th percentile per-packet one-way delay: 31.861 ms
Loss rate: 2.45%
-- Flow 3:
Average throughput: 19.07 Mbit/s
95th percentile per-packet one-way delay: 31.859 ms
Loss rate: 2.63%

Run 3: Report of QUIC Cubic — Data Link

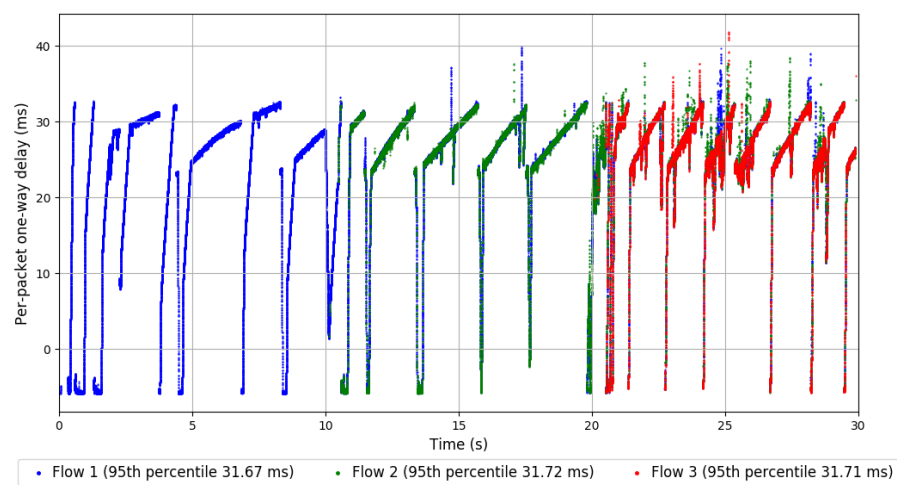
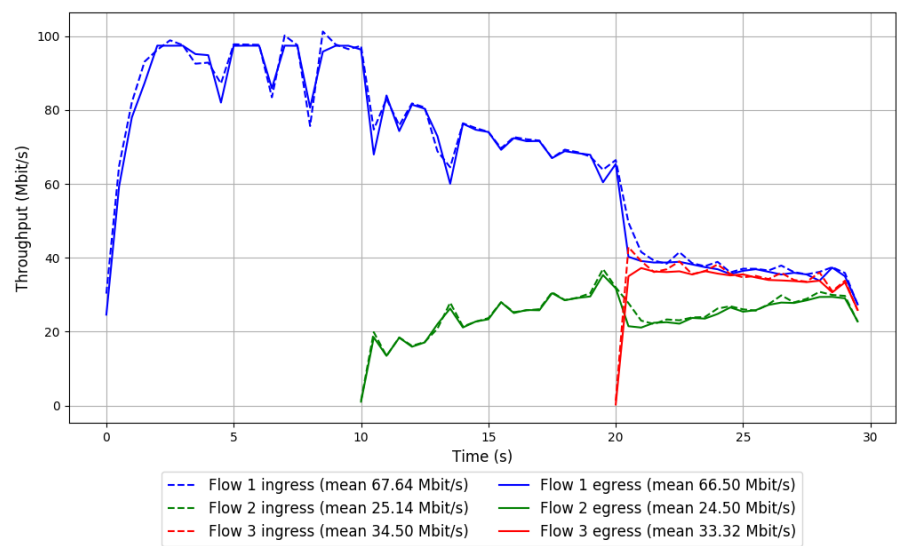


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-20 14:36:00
End at: 2018-02-20 14:36:30
Local clock offset: -1.848 ms
Remote clock offset: -19.911 ms

Below is generated by plot.py at 2018-02-20 17:43:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 31.682 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 66.50 Mbit/s
95th percentile per-packet one-way delay: 31.668 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 31.721 ms
Loss rate: 2.42%
-- Flow 3:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 31.708 ms
Loss rate: 3.28%

Run 4: Report of QUIC Cubic — Data Link

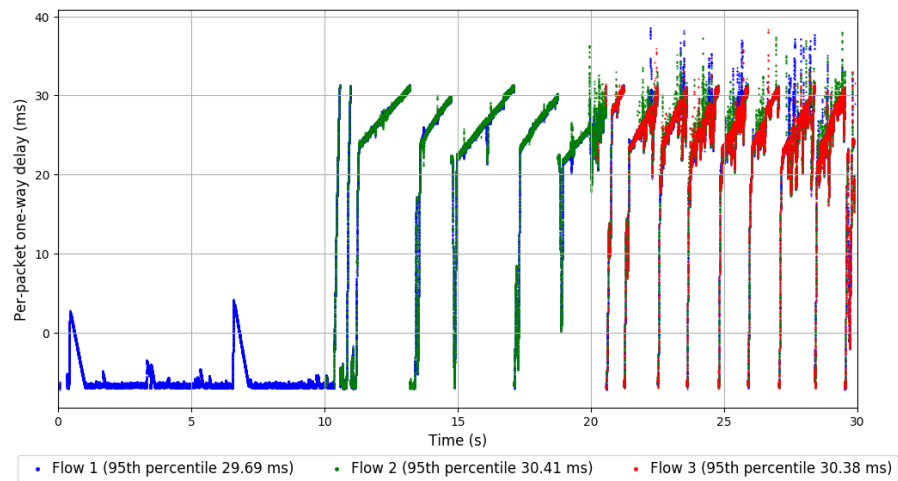
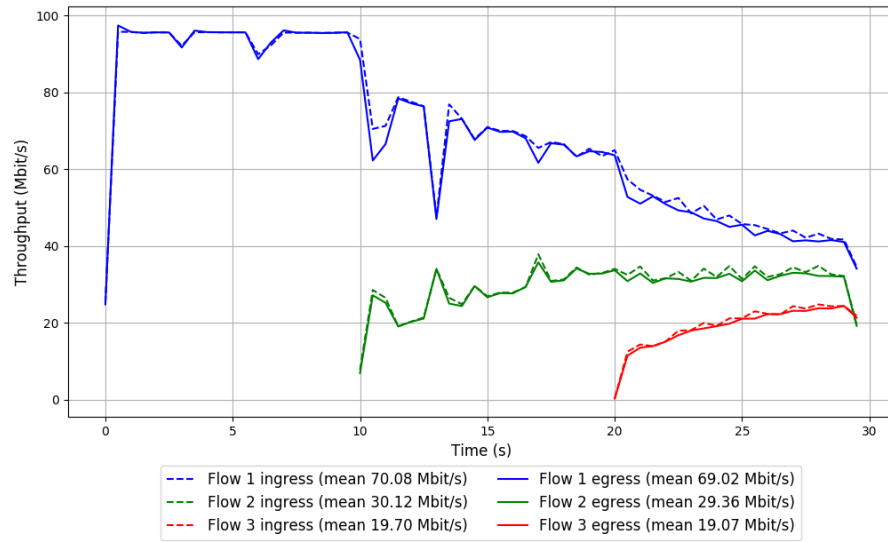


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-20 14:57:45
End at: 2018-02-20 14:58:15
Local clock offset: 2.203 ms
Remote clock offset: -13.16 ms

Below is generated by plot.py at 2018-02-20 17:43:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 29.952 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 69.02 Mbit/s
95th percentile per-packet one-way delay: 29.690 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 29.36 Mbit/s
95th percentile per-packet one-way delay: 30.410 ms
Loss rate: 2.40%
-- Flow 3:
Average throughput: 19.07 Mbit/s
95th percentile per-packet one-way delay: 30.378 ms
Loss rate: 3.11%

Run 5: Report of QUIC Cubic — Data Link

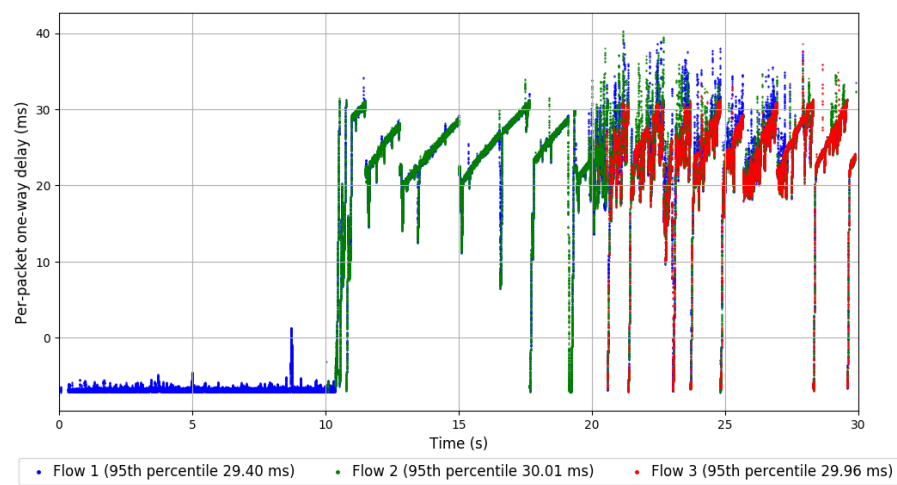
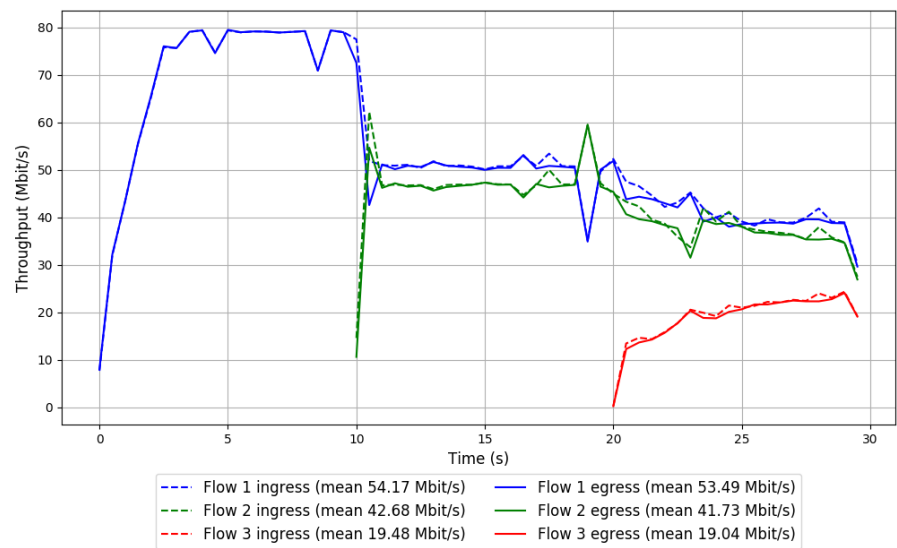


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-20 15:19:30
End at: 2018-02-20 15:20:00
Local clock offset: 1.359 ms
Remote clock offset: -10.407 ms

Below is generated by plot.py at 2018-02-20 17:43:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 29.733 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 53.49 Mbit/s
95th percentile per-packet one-way delay: 29.402 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 41.73 Mbit/s
95th percentile per-packet one-way delay: 30.014 ms
Loss rate: 2.05%
-- Flow 3:
Average throughput: 19.04 Mbit/s
95th percentile per-packet one-way delay: 29.957 ms
Loss rate: 2.28%

Run 6: Report of QUIC Cubic — Data Link

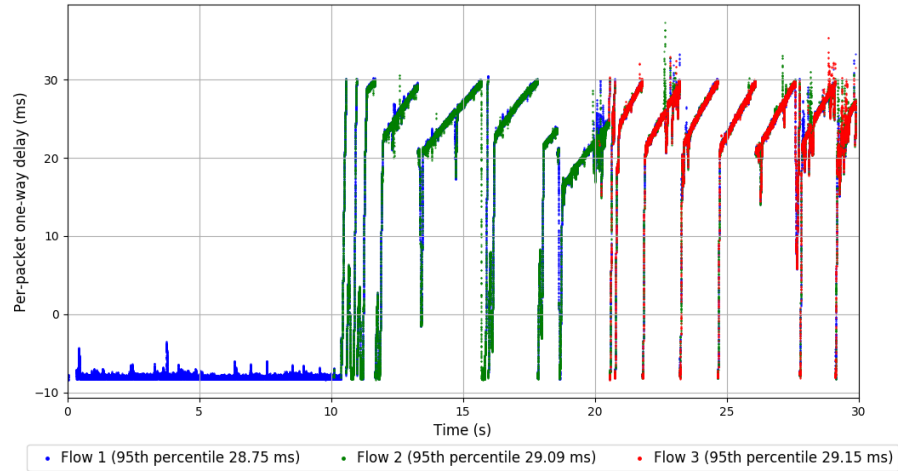
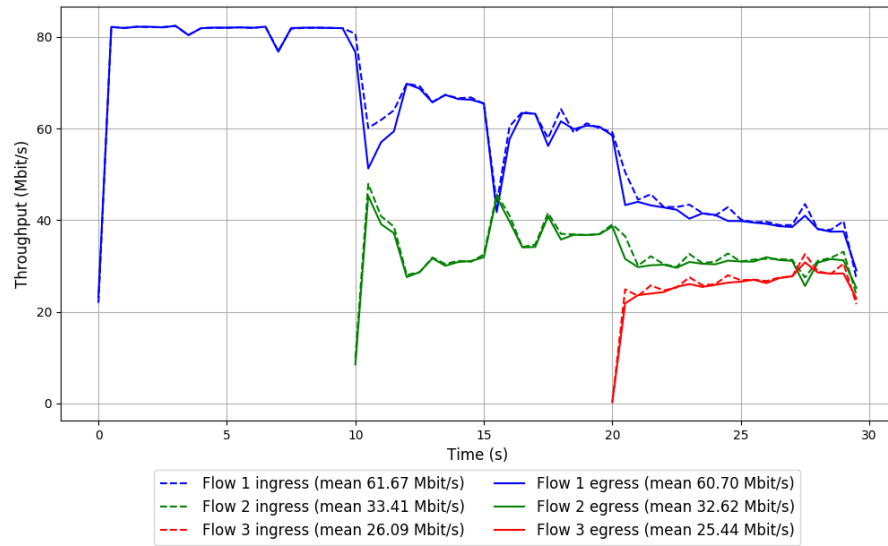


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-20 15:41:28
End at: 2018-02-20 15:41:58
Local clock offset: 1.701 ms
Remote clock offset: -7.845 ms

Below is generated by plot.py at 2018-02-20 17:44:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 28.913 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 60.70 Mbit/s
95th percentile per-packet one-way delay: 28.752 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 32.62 Mbit/s
95th percentile per-packet one-way delay: 29.092 ms
Loss rate: 2.19%
-- Flow 3:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 29.153 ms
Loss rate: 2.40%

Run 7: Report of QUIC Cubic — Data Link

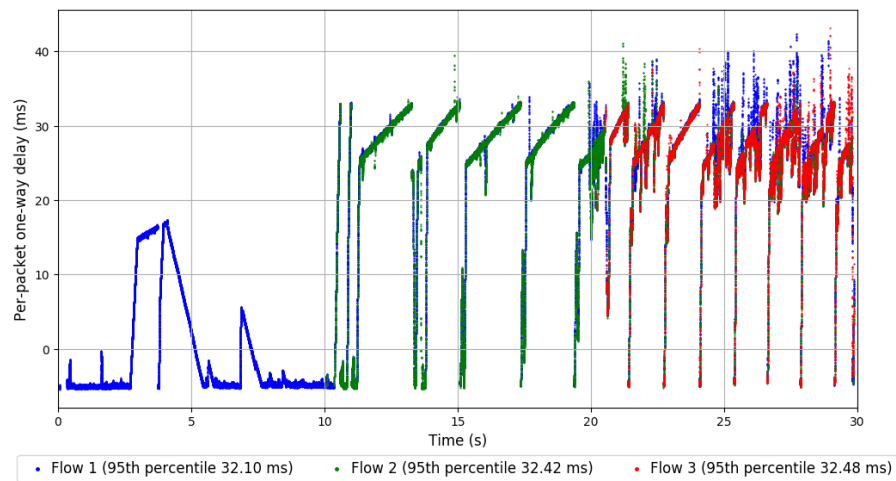
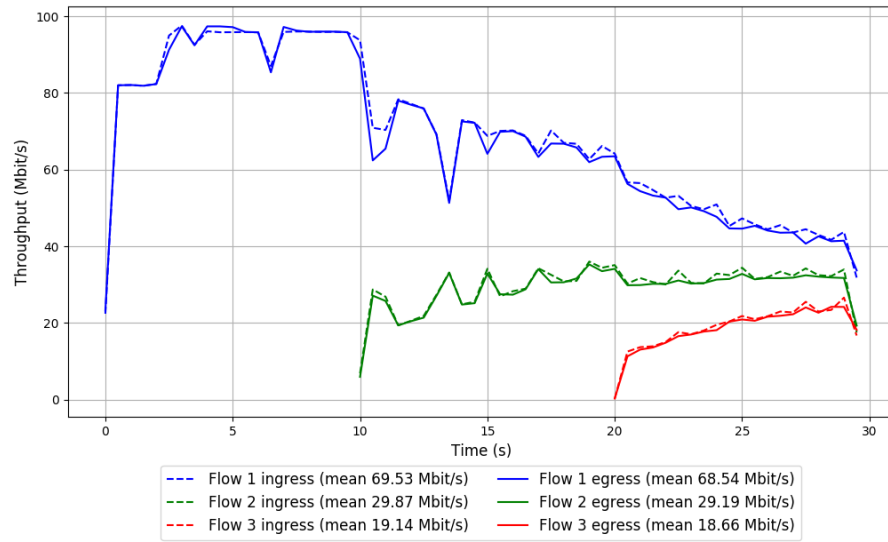


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-20 16:03:09
End at: 2018-02-20 16:03:39
Local clock offset: -1.426 ms
Remote clock offset: -15.325 ms

Below is generated by plot.py at 2018-02-20 17:44:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.00 Mbit/s
95th percentile per-packet one-way delay: 32.240 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 68.54 Mbit/s
95th percentile per-packet one-way delay: 32.103 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 32.419 ms
Loss rate: 2.21%
-- Flow 3:
Average throughput: 18.66 Mbit/s
95th percentile per-packet one-way delay: 32.484 ms
Loss rate: 2.71%

Run 8: Report of QUIC Cubic — Data Link

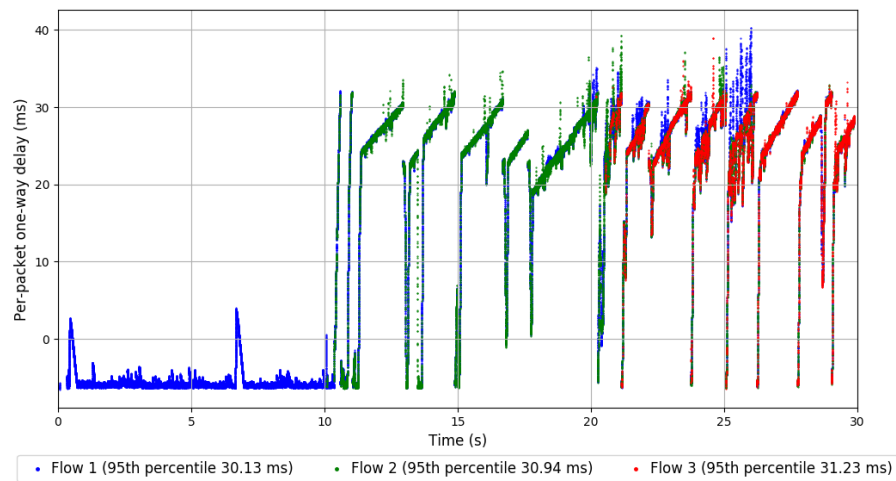
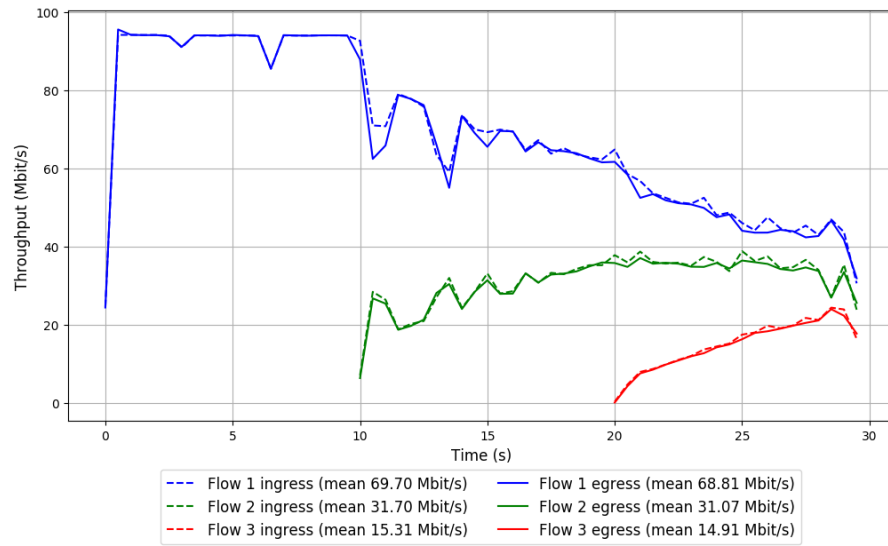


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-20 16:25:26
End at: 2018-02-20 16:25:56
Local clock offset: -4.467 ms
Remote clock offset: -24.026 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 30.425 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 68.81 Mbit/s
95th percentile per-packet one-way delay: 30.130 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 31.07 Mbit/s
95th percentile per-packet one-way delay: 30.943 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 14.91 Mbit/s
95th percentile per-packet one-way delay: 31.226 ms
Loss rate: 2.62%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-20 16:47:29

End at: 2018-02-20 16:47:59

Local clock offset: 0.852 ms

Remote clock offset: -29.104 ms

Below is generated by plot.py at 2018-02-20 17:45:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.00 Mbit/s

95th percentile per-packet one-way delay: 27.584 ms

Loss rate: 1.52%

-- Flow 1:

Average throughput: 62.19 Mbit/s

95th percentile per-packet one-way delay: 27.407 ms

Loss rate: 1.28%

-- Flow 2:

Average throughput: 32.44 Mbit/s

95th percentile per-packet one-way delay: 27.813 ms

Loss rate: 1.99%

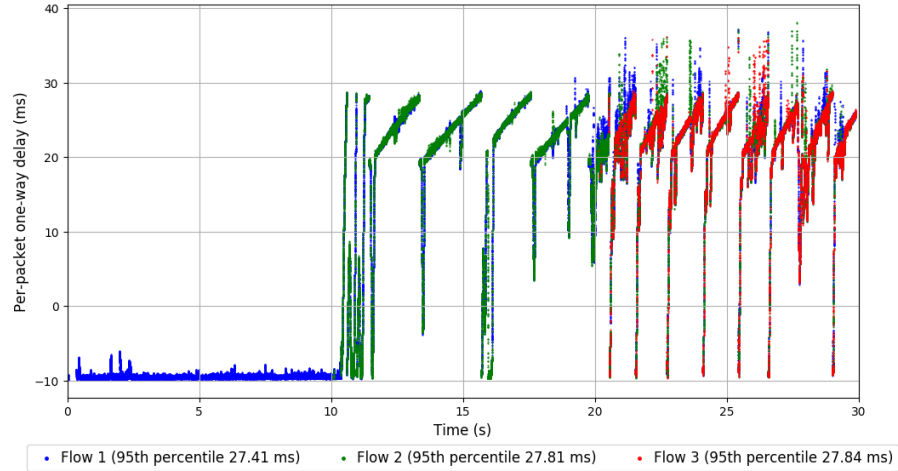
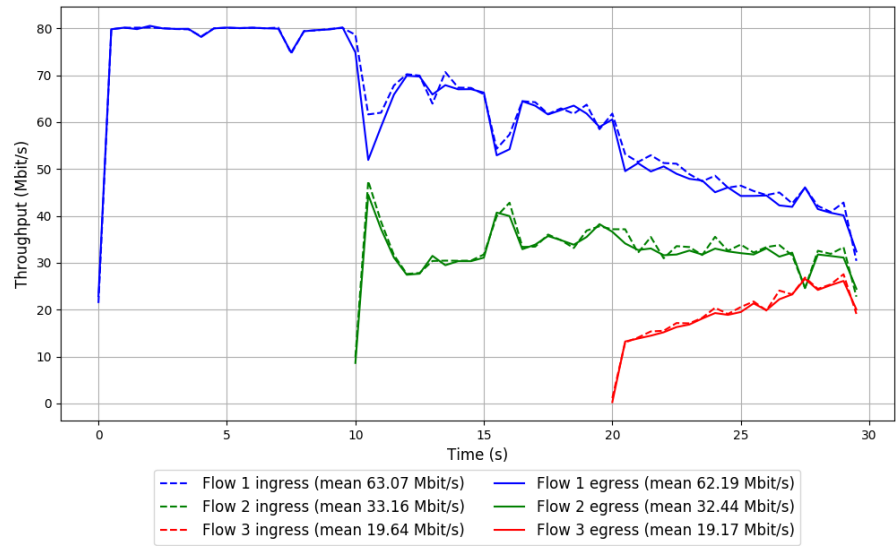
-- Flow 3:

Average throughput: 19.17 Mbit/s

95th percentile per-packet one-way delay: 27.836 ms

Loss rate: 2.36%

Run 10: Report of QUIC Cubic — Data Link

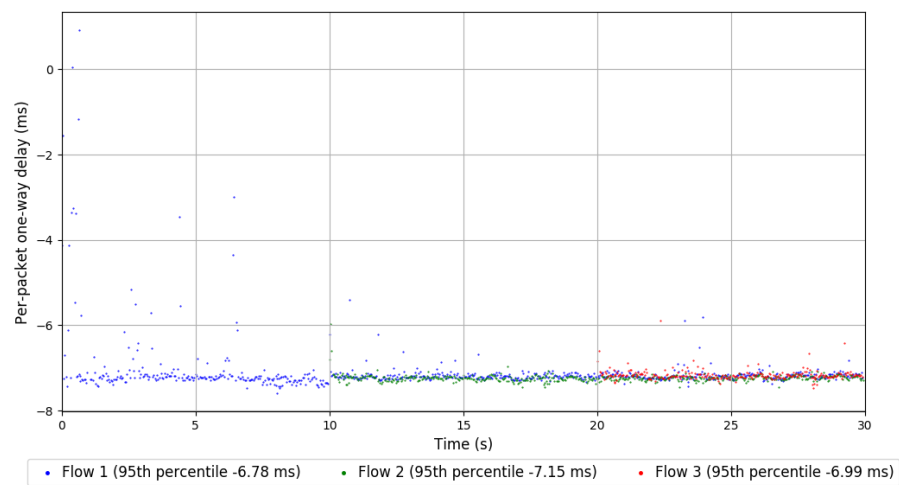
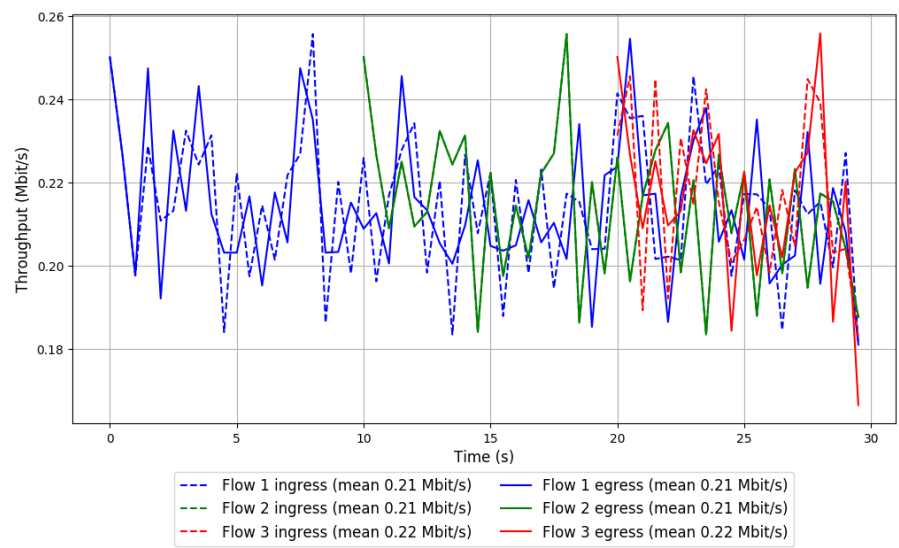


```
Run 1: Statistics of SReAM

Start at: 2018-02-20 13:31:29
End at: 2018-02-20 13:31:59
Local clock offset: -0.28 ms
Remote clock offset: -20.145 ms

# Below is generated by plot.py at 2018-02-20 17:45:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.781 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.153 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.993 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

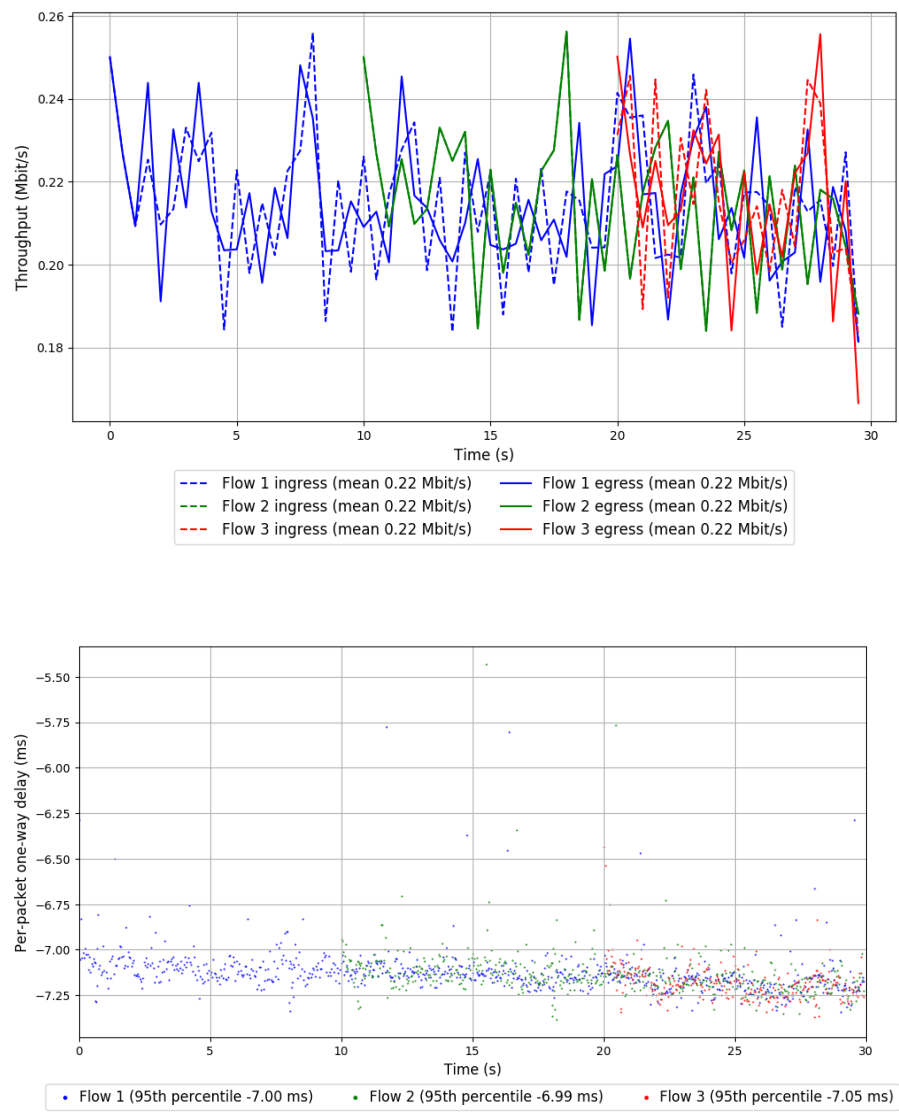


Run 2: Statistics of SReAM

Start at: 2018-02-20 13:53:23
End at: 2018-02-20 13:53:53
Local clock offset: -2.749 ms
Remote clock offset: -20.514 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.000 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.995 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.990 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.050 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

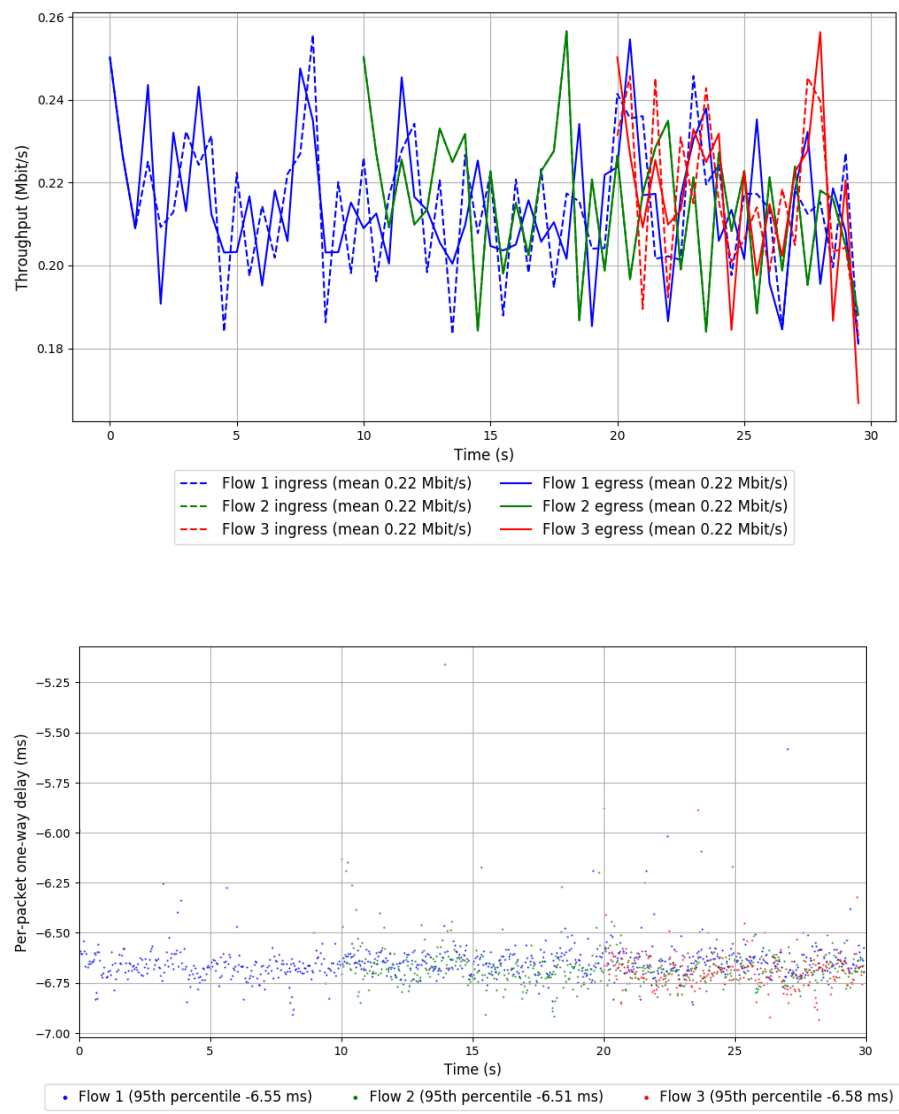


Run 3: Statistics of SReAM

Start at: 2018-02-20 14:15:09
End at: 2018-02-20 14:15:39
Local clock offset: -3.597 ms
Remote clock offset: -18.529 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.548 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.554 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.510 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.583 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

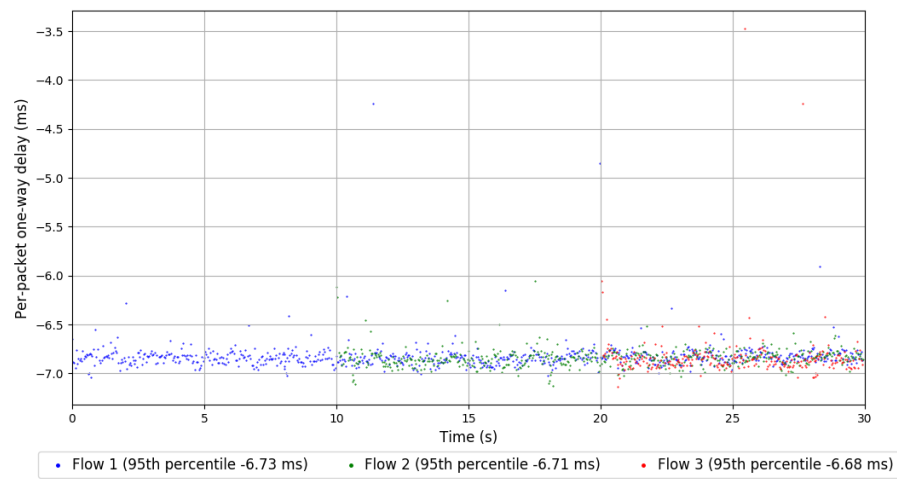
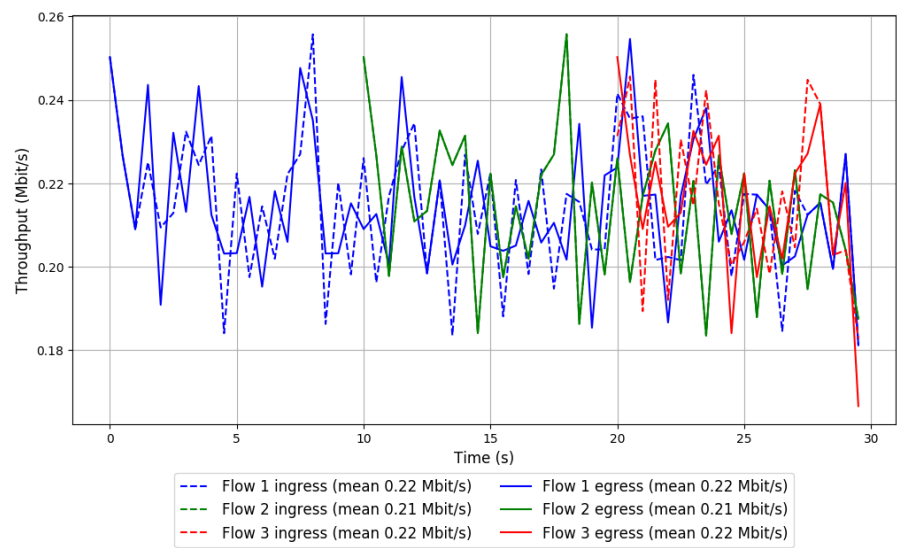


Run 4: Statistics of SReAM

Start at: 2018-02-20 14:37:13
End at: 2018-02-20 14:37:43
Local clock offset: 1.691 ms
Remote clock offset: -17.692 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -6.715 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.733 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.715 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.683 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

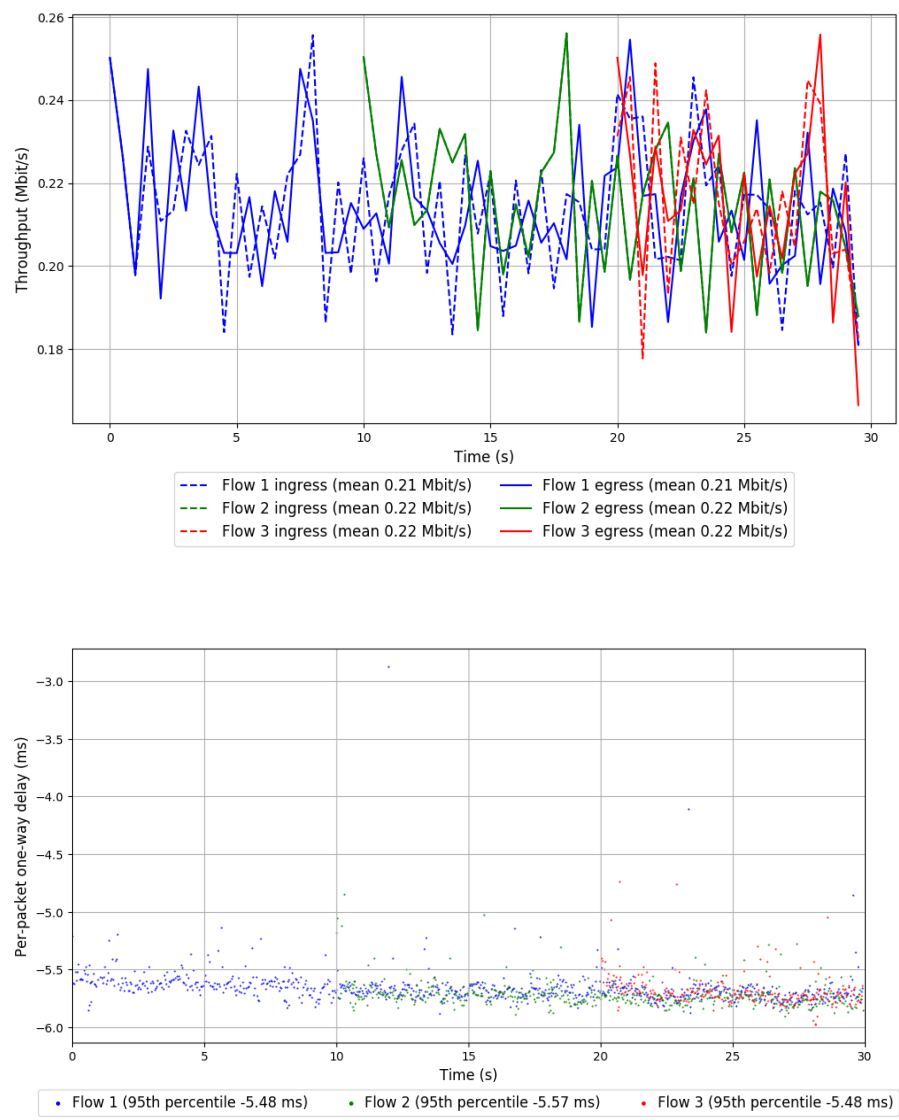


Run 5: Statistics of SReAM

Start at: 2018-02-20 14:58:58
End at: 2018-02-20 14:59:28
Local clock offset: -0.365 ms
Remote clock offset: -14.133 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -5.503 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.484 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -5.566 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -5.479 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

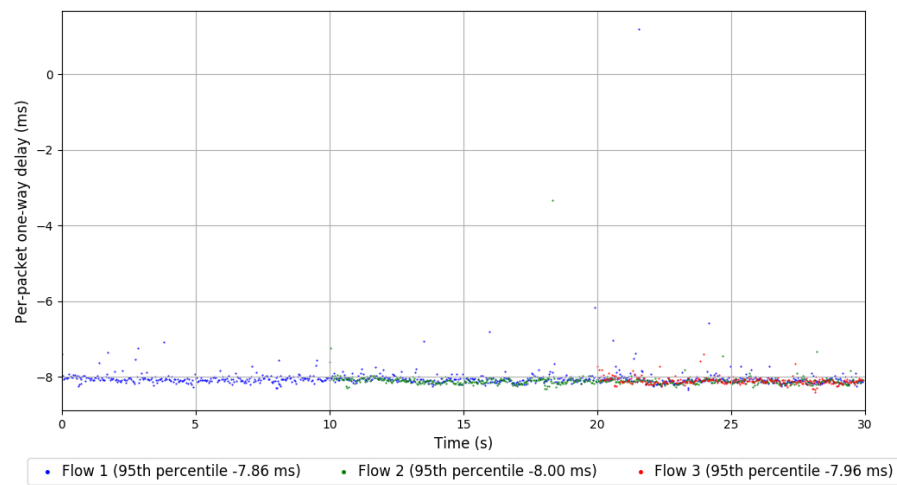
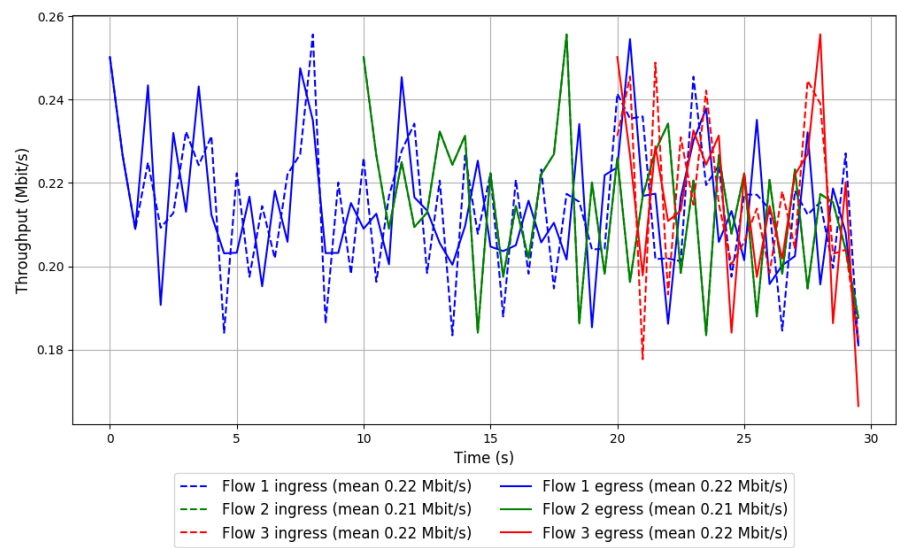


Run 6: Statistics of SReAM

Start at: 2018-02-20 15:20:42
End at: 2018-02-20 15:21:13
Local clock offset: 2.88 ms
Remote clock offset: -9.928 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.918 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.864 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.999 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.962 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

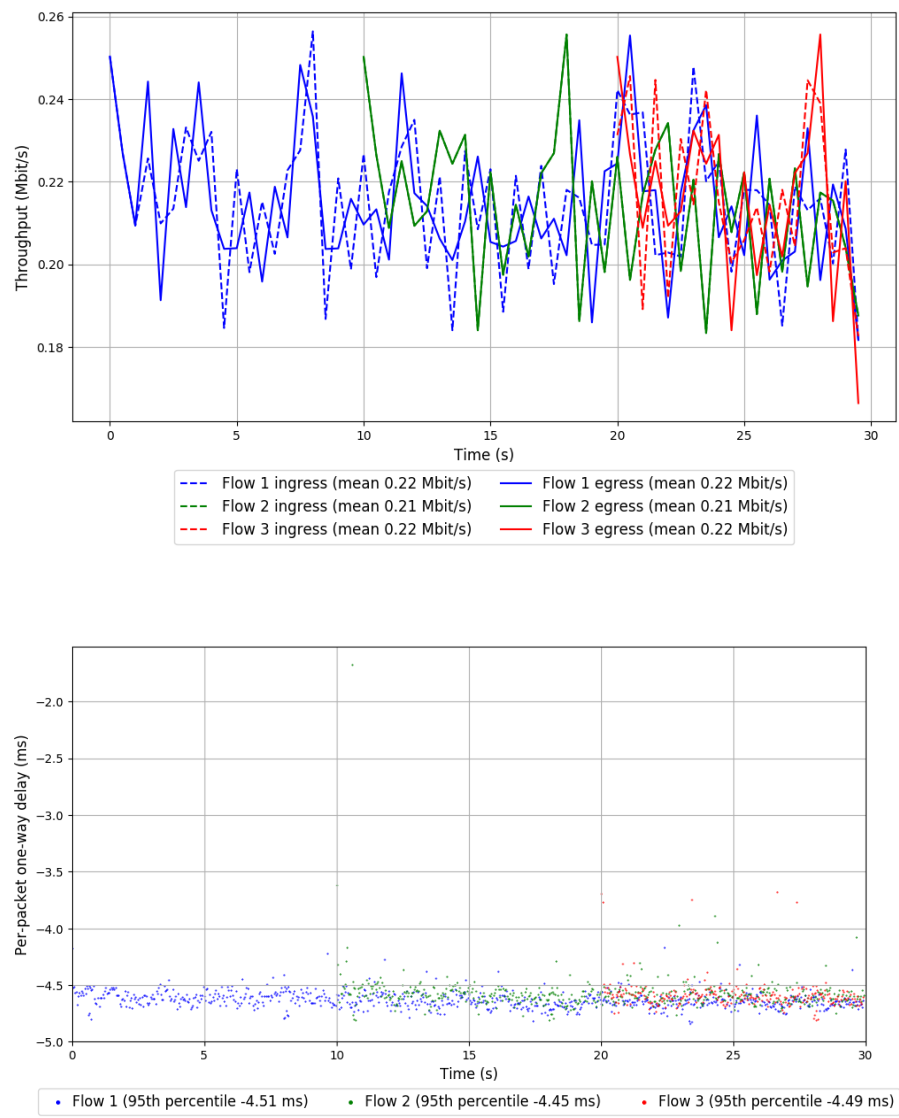


Run 7: Statistics of SReAM

Start at: 2018-02-20 15:42:40
End at: 2018-02-20 15:43:10
Local clock offset: -0.842 ms
Remote clock offset: -6.651 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -4.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -4.515 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.452 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -4.491 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

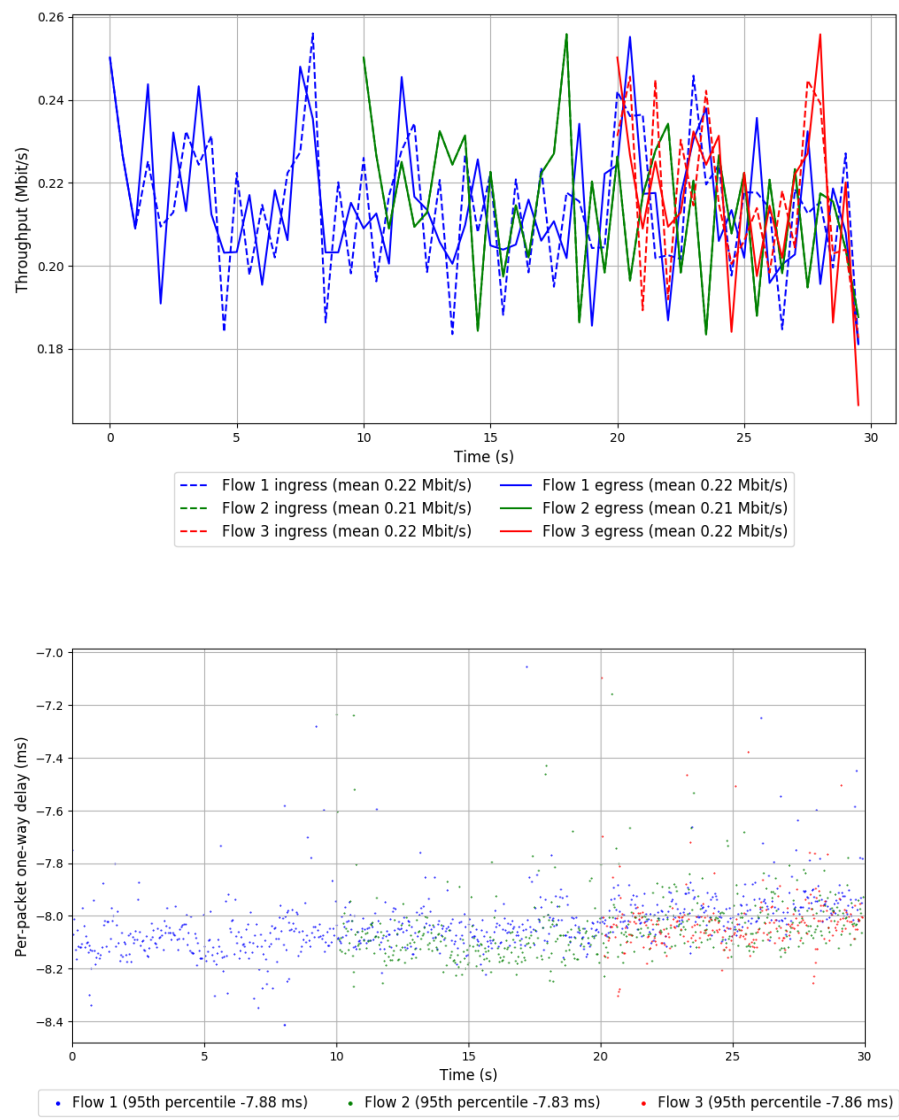


Run 8: Statistics of SReAM

Start at: 2018-02-20 16:04:25
End at: 2018-02-20 16:04:55
Local clock offset: 1.498 ms
Remote clock offset: -15.819 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.879 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.829 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.864 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

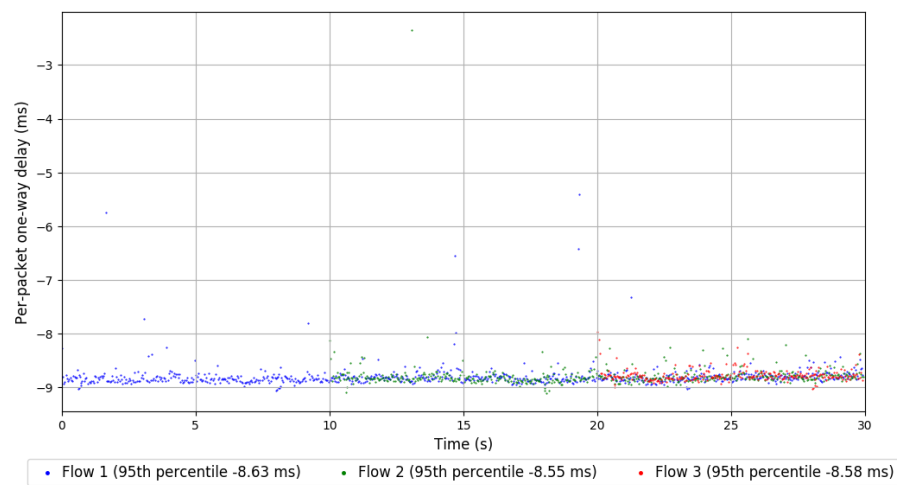
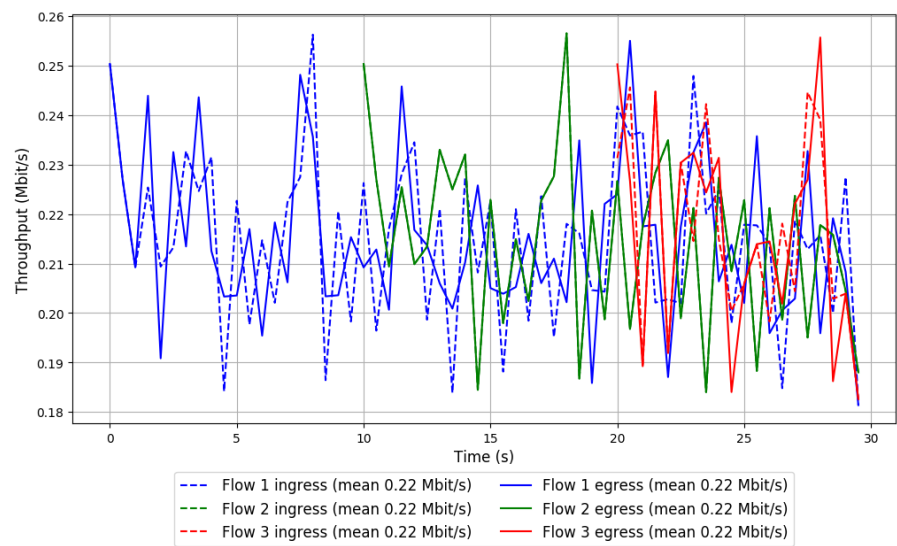


Run 9: Statistics of SReAM

Start at: 2018-02-20 16:26:40
End at: 2018-02-20 16:27:10
Local clock offset: -2.85 ms
Remote clock offset: -25.111 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -8.597 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -8.630 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -8.554 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -8.580 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

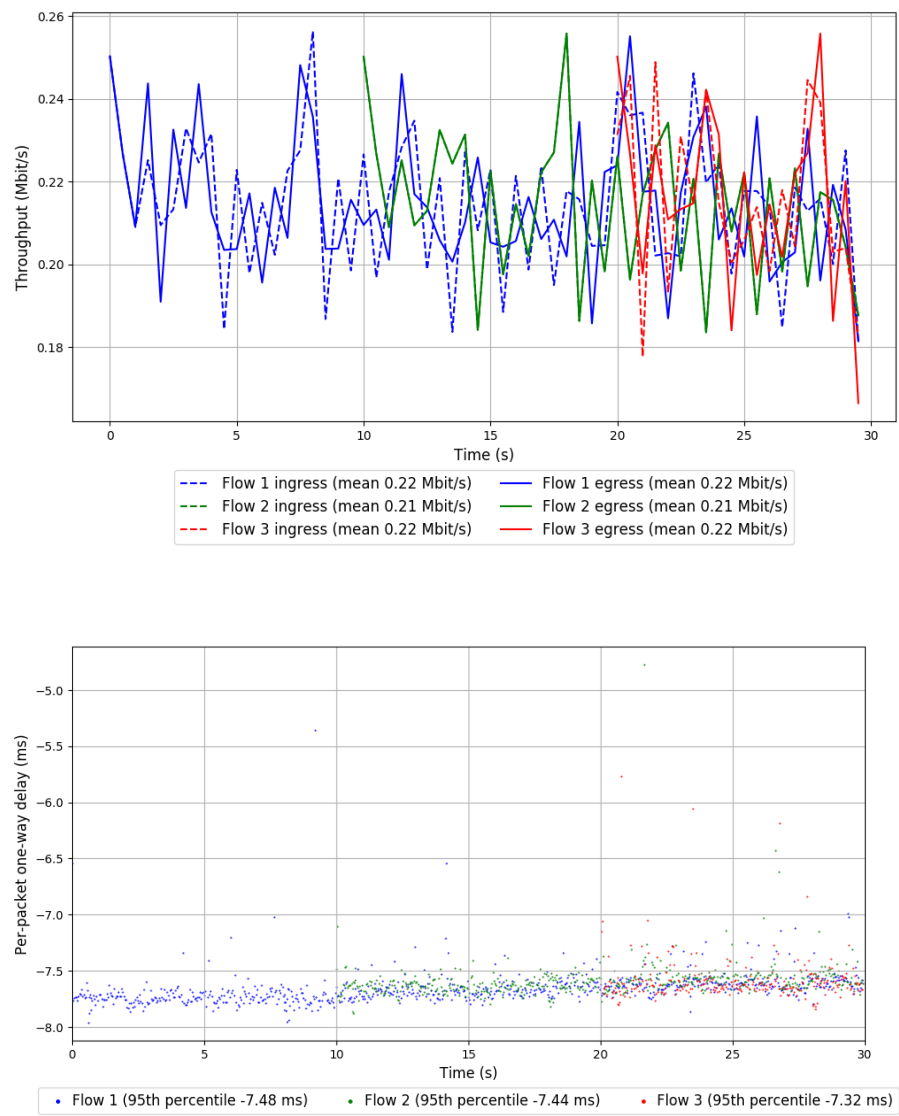


Run 10: Statistics of SReAM

Start at: 2018-02-20 16:48:41
End at: 2018-02-20 16:49:11
Local clock offset: -1.418 ms
Remote clock offset: -29.879 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: -7.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.482 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.441 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.320 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

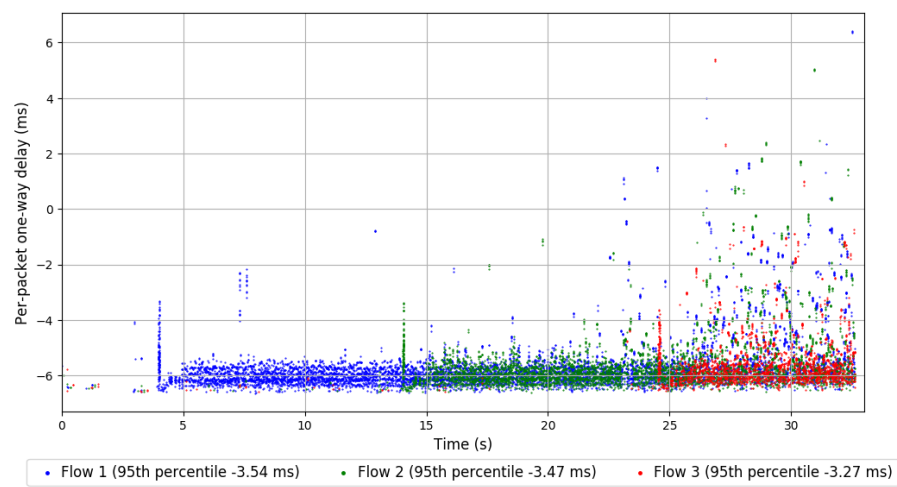
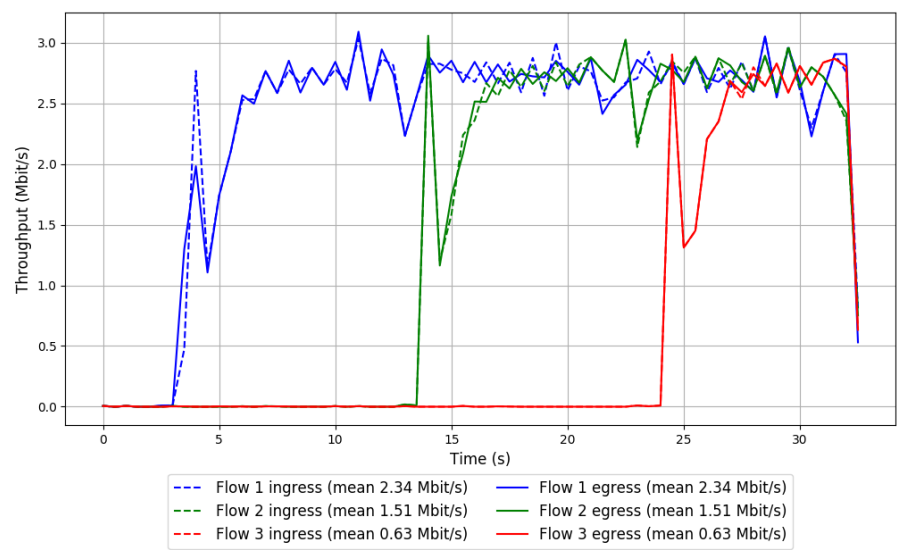


Run 1: Statistics of WebRTC media

Start at: 2018-02-20 13:38:55
End at: 2018-02-20 13:39:25
Local clock offset: 2.134 ms
Remote clock offset: -17.472 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: -3.456 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -3.540 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -3.473 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: -3.266 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

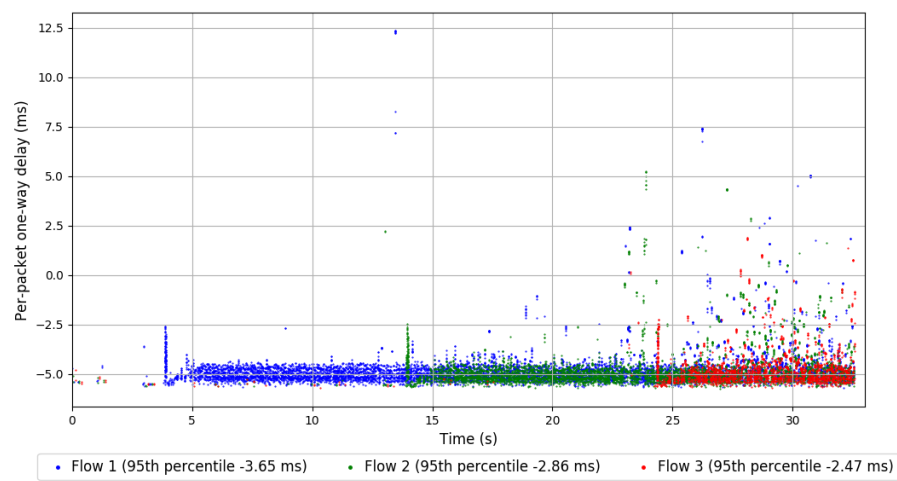
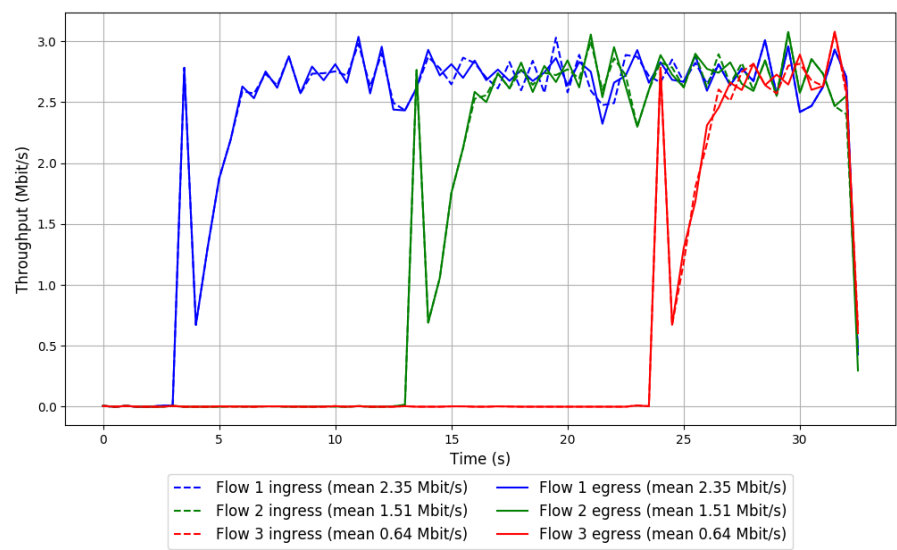


Run 2: Statistics of WebRTC media

Start at: 2018-02-20 14:00:30
End at: 2018-02-20 14:01:00
Local clock offset: -3.63 ms
Remote clock offset: -17.995 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -3.196 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -3.648 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -2.864 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -2.471 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

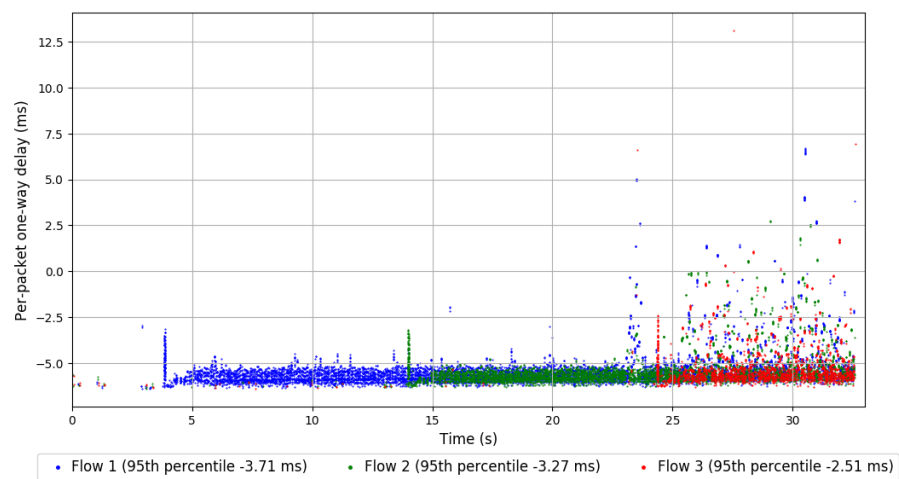
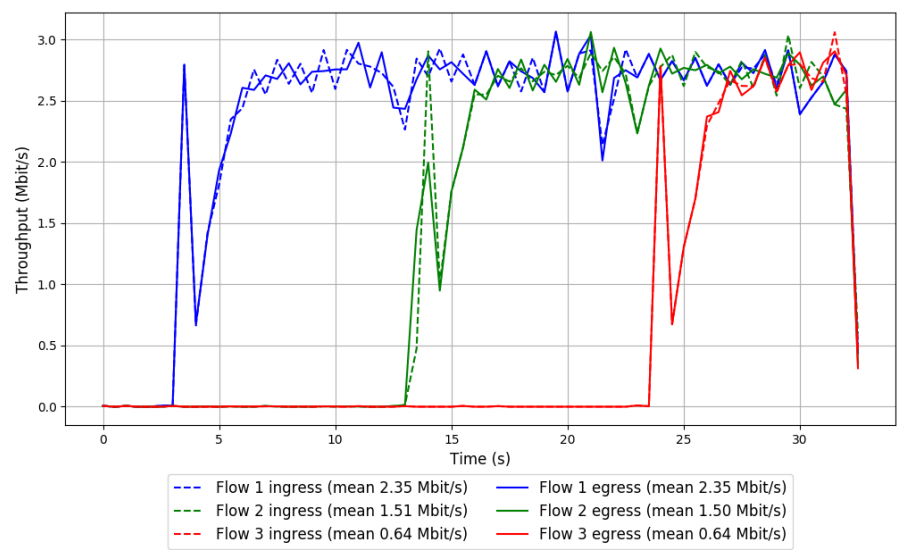


Run 3: Statistics of WebRTC media

Start at: 2018-02-20 14:22:20
End at: 2018-02-20 14:22:50
Local clock offset: -2.59 ms
Remote clock offset: -18.081 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: -3.255 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -3.706 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -3.273 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -2.509 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

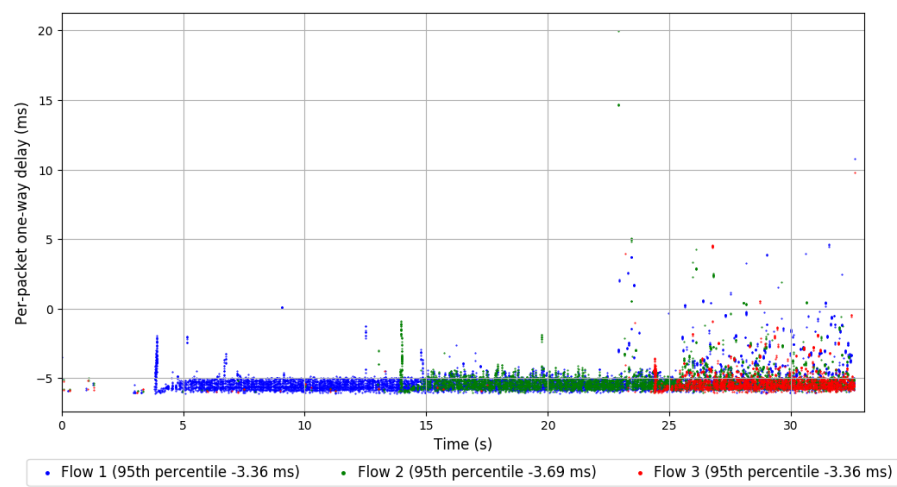
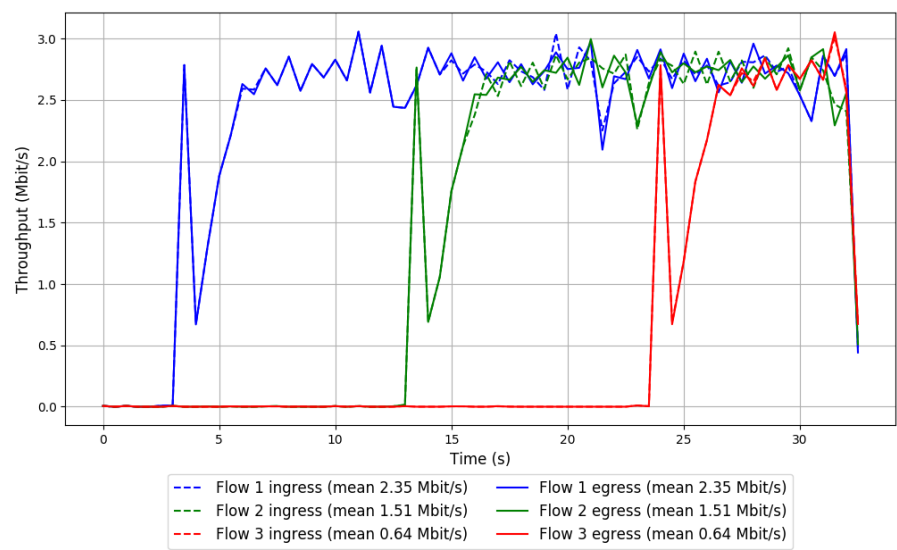


Run 4: Statistics of WebRTC media

Start at: 2018-02-20 14:44:25
End at: 2018-02-20 14:44:55
Local clock offset: 0.965 ms
Remote clock offset: -17.777 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -3.445 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -3.356 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -3.686 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -3.363 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

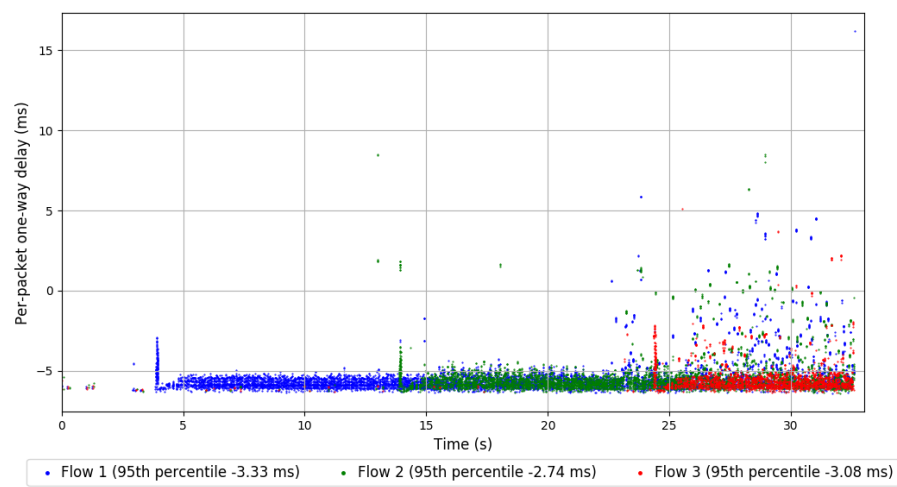
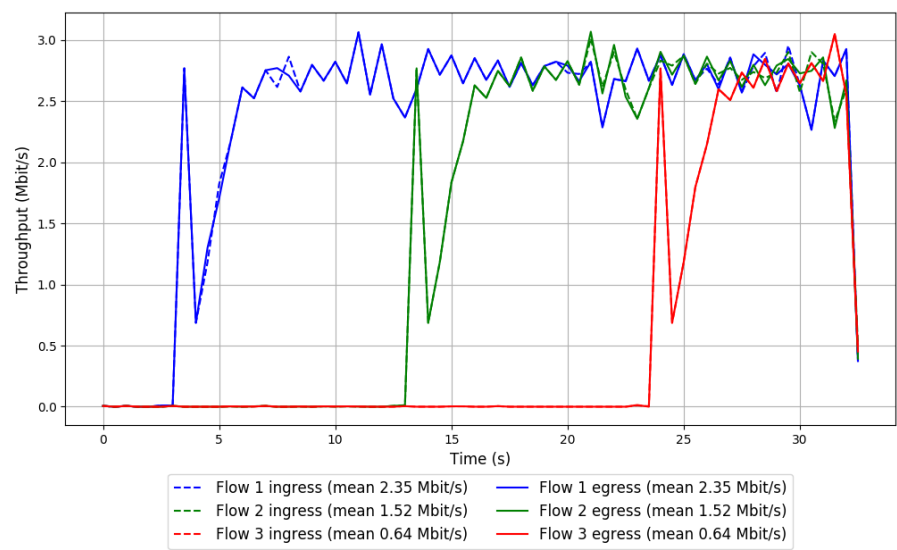


Run 5: Statistics of WebRTC media

Start at: 2018-02-20 15:06:07
End at: 2018-02-20 15:06:37
Local clock offset: 0.246 ms
Remote clock offset: -12.274 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: -3.132 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -3.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: -2.736 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: -3.078 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

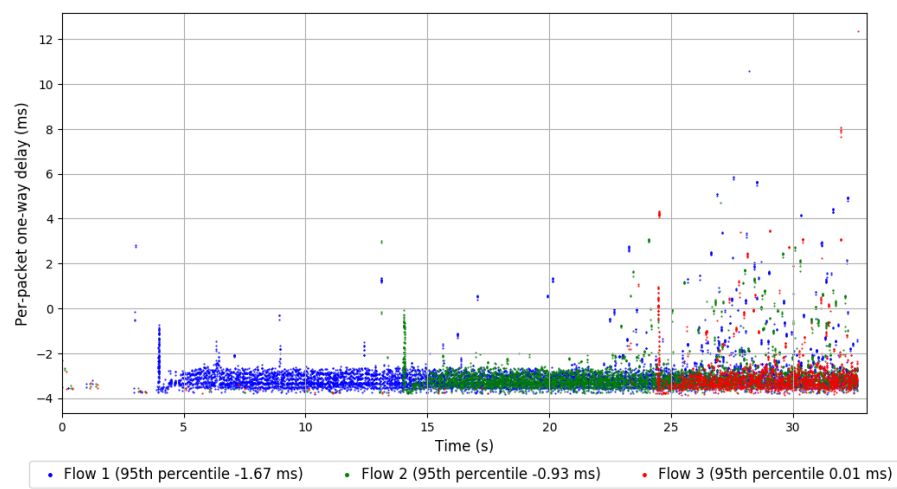
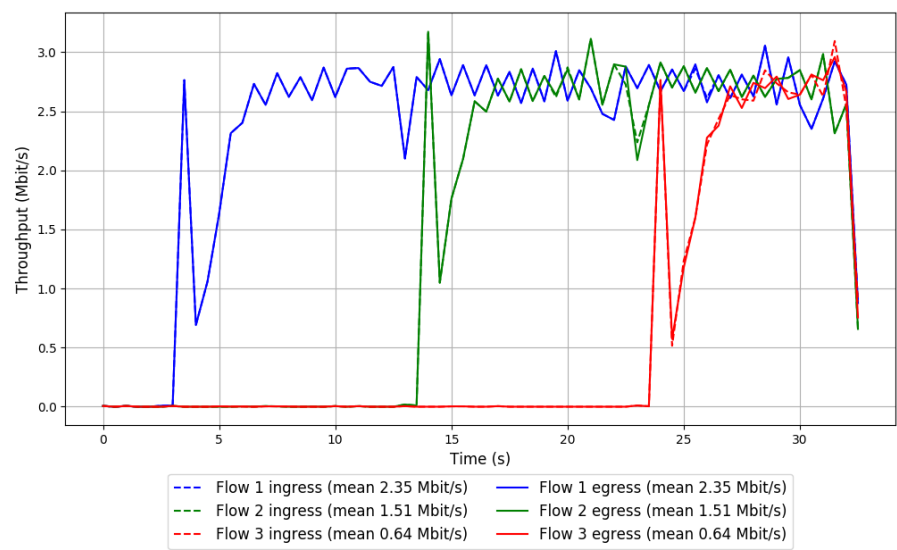


Run 6: Statistics of WebRTC media

Start at: 2018-02-20 15:27:49
End at: 2018-02-20 15:28:19
Local clock offset: -0.731 ms
Remote clock offset: -8.219 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: -1.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -1.667 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -0.932 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 0.014 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-02-20 15:49:47

End at: 2018-02-20 15:50:17

Local clock offset: 0.34 ms

Remote clock offset: -6.6 ms

Below is generated by plot.py at 2018-02-20 17:45:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.49 Mbit/s

95th percentile per-packet one-way delay: -3.934 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: -3.643 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.51 Mbit/s

95th percentile per-packet one-way delay: -4.651 ms

Loss rate: 0.00%

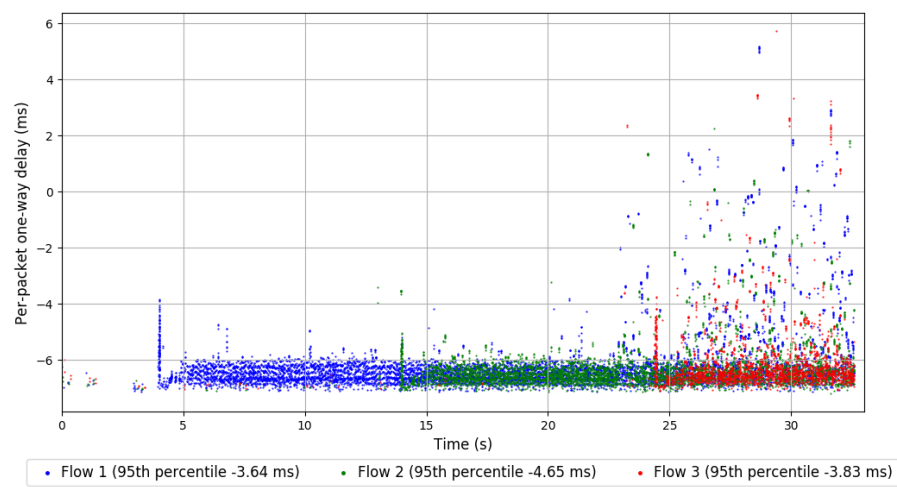
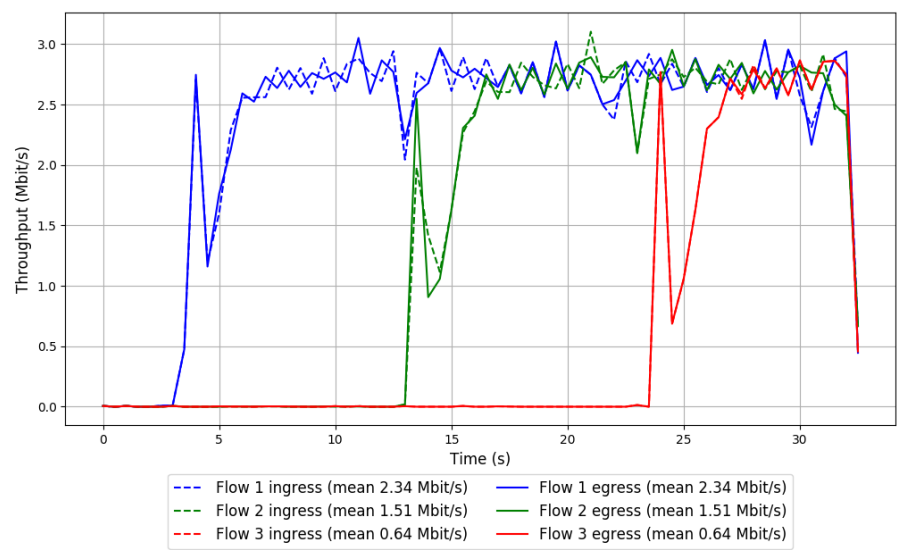
-- Flow 3:

Average throughput: 0.64 Mbit/s

95th percentile per-packet one-way delay: -3.832 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

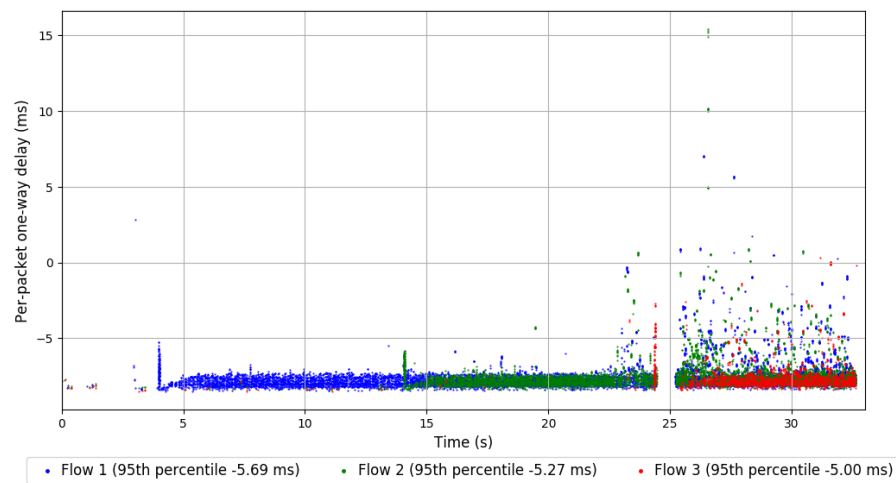
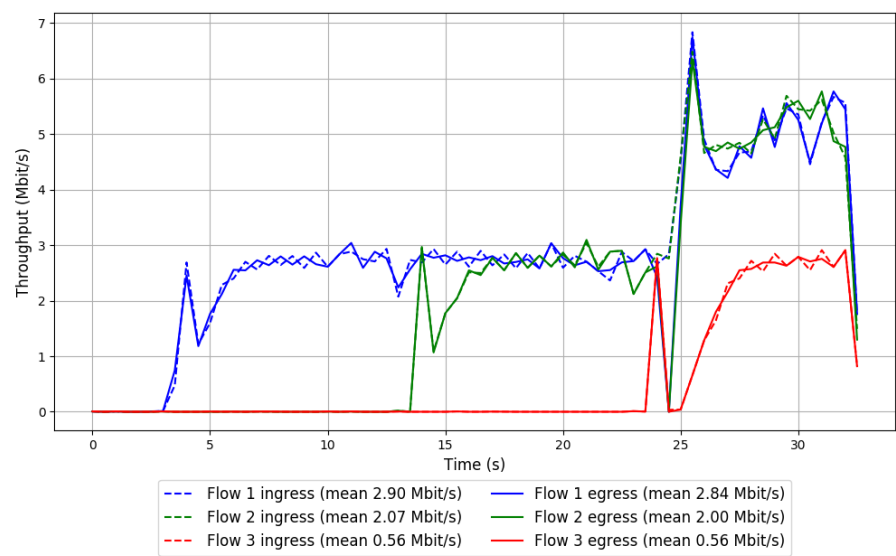


Run 8: Statistics of WebRTC media

Start at: 2018-02-20 16:11:40
End at: 2018-02-20 16:12:10
Local clock offset: -0.704 ms
Remote clock offset: -19.988 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: -5.391 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: -5.688 ms
Loss rate: 2.20%
-- Flow 2:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: -5.266 ms
Loss rate: 3.24%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: -4.995 ms
Loss rate: 0.14%

Run 8: Report of WebRTC media — Data Link

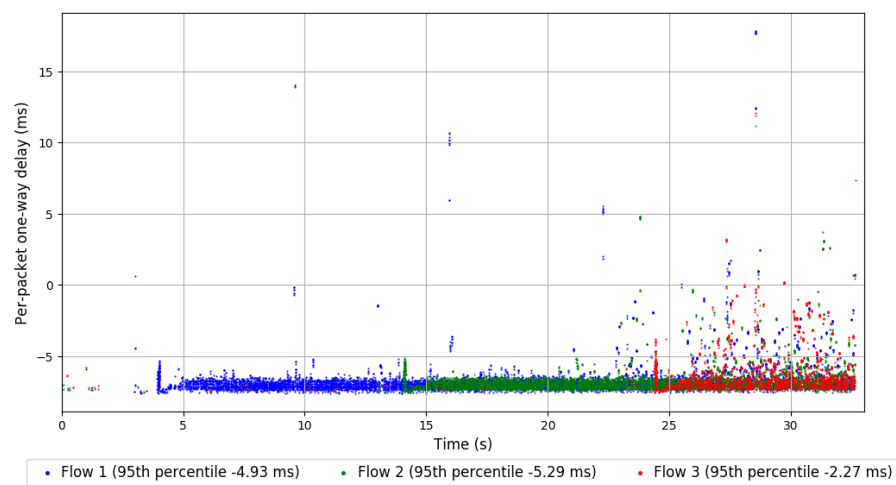
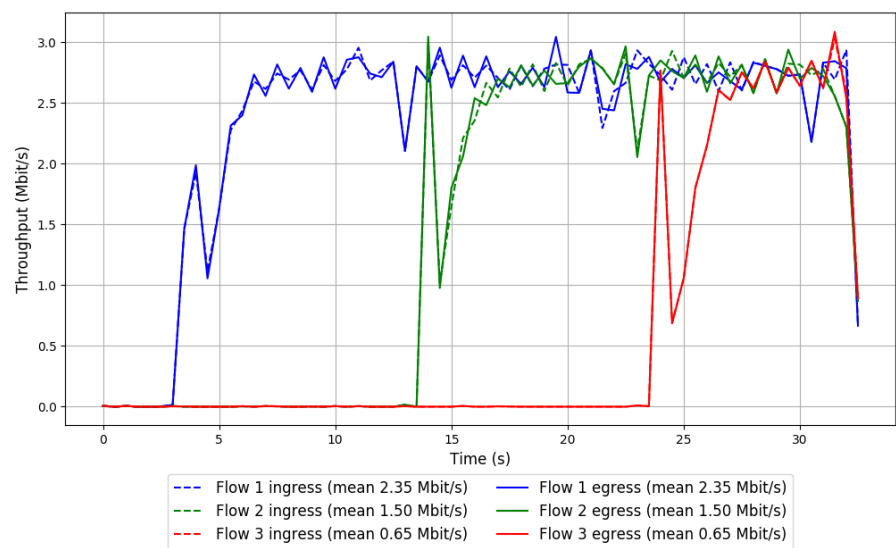


Run 9: Statistics of WebRTC media

Start at: 2018-02-20 16:33:54
End at: 2018-02-20 16:34:24
Local clock offset: -4.235 ms
Remote clock offset: -25.603 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: -4.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -4.931 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: -5.286 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -2.269 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

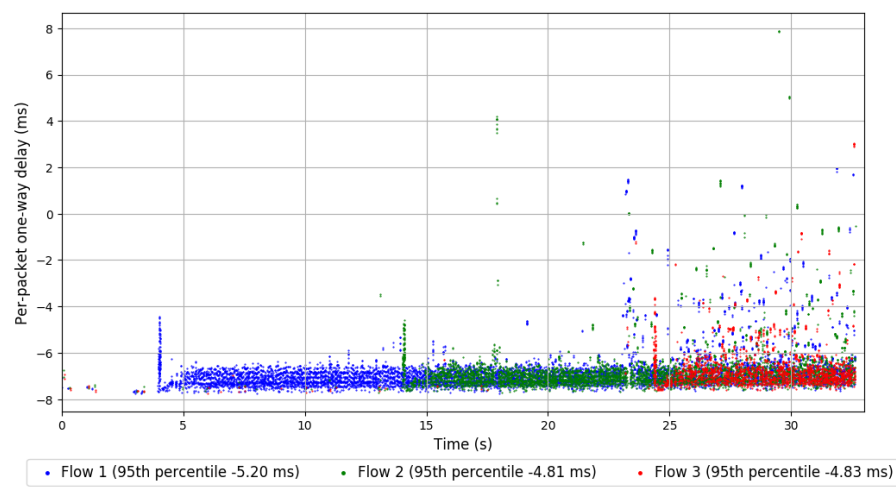
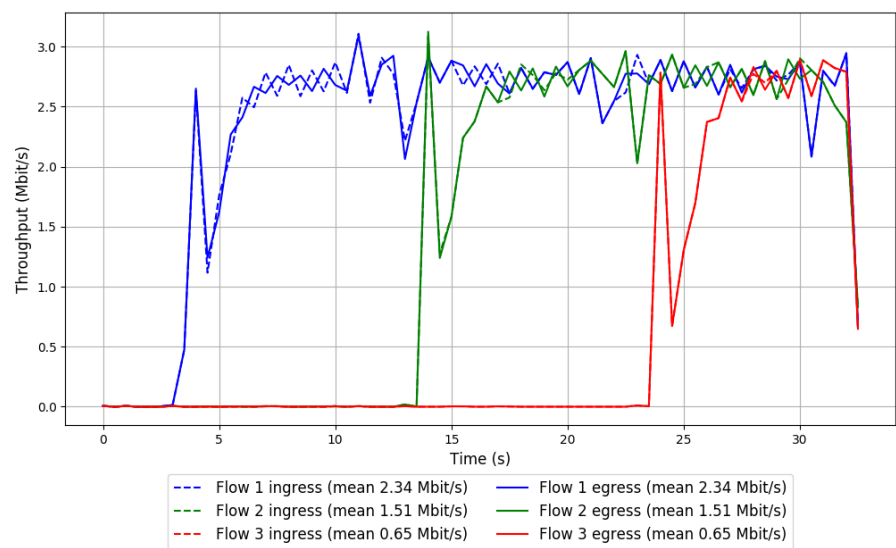


Run 10: Statistics of WebRTC media

Start at: 2018-02-20 16:55:47
End at: 2018-02-20 16:56:17
Local clock offset: 0.621 ms
Remote clock offset: -29.384 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: -4.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -5.203 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: -4.813 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: -4.831 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

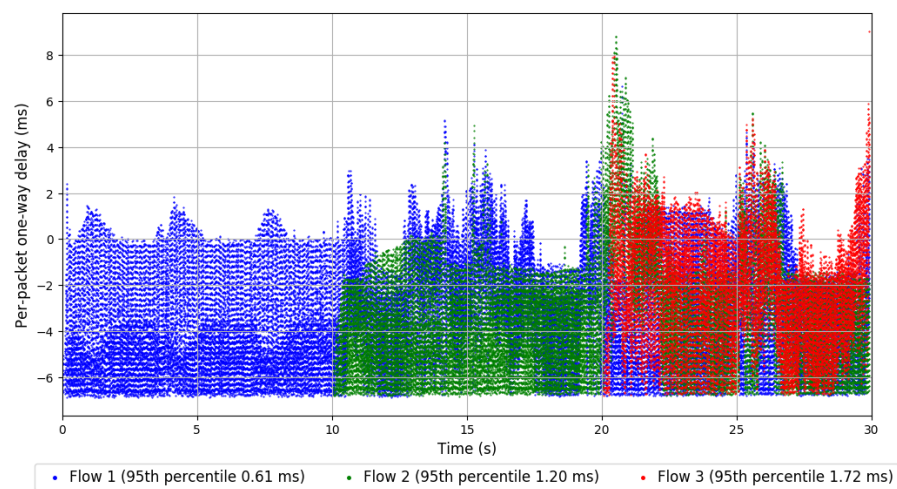
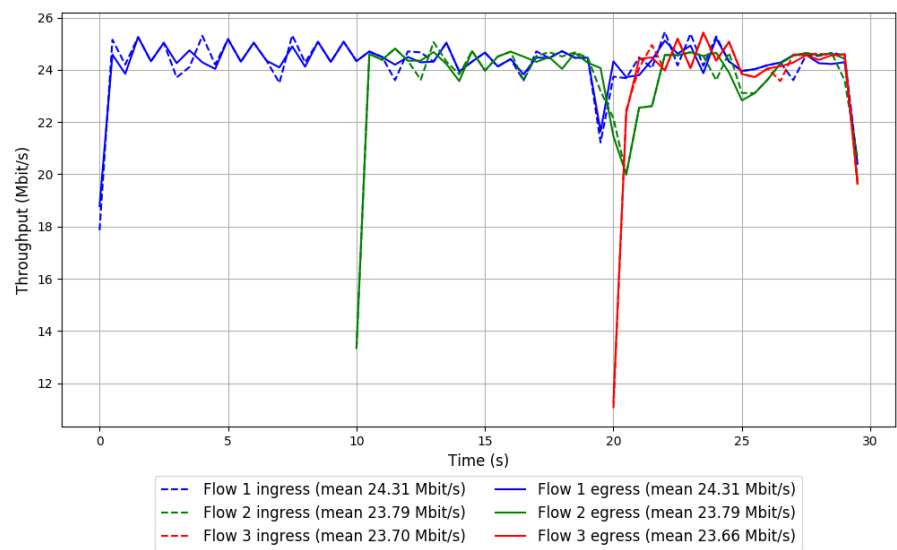


Run 1: Statistics of Sprout

Start at: 2018-02-20 13:25:20
End at: 2018-02-20 13:25:50
Local clock offset: -0.988 ms
Remote clock offset: -19.254 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 0.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 0.609 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.79 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.66 Mbit/s
95th percentile per-packet one-way delay: 1.716 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

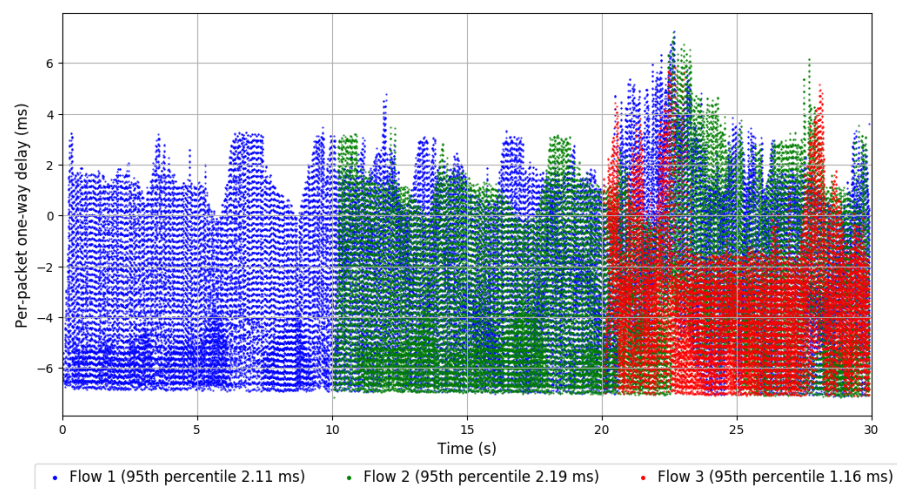
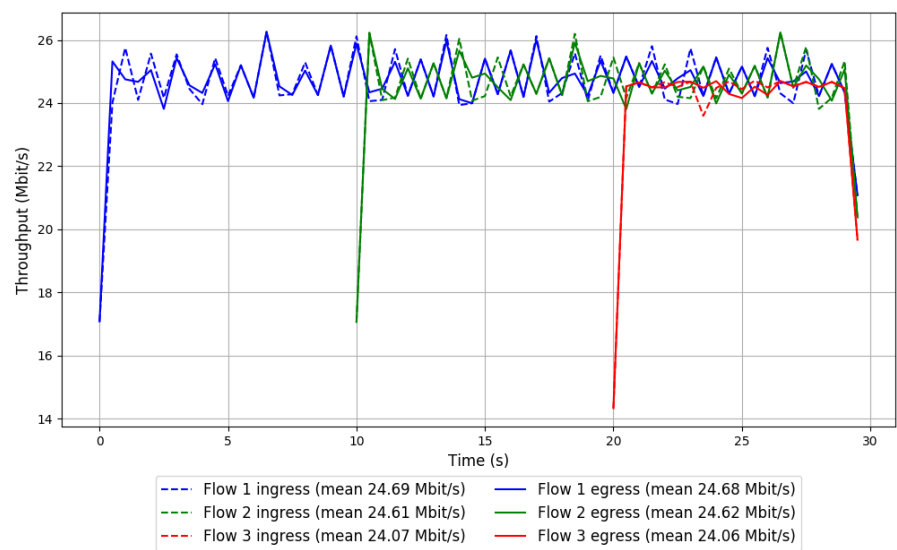


Run 2: Statistics of Sprout

Start at: 2018-02-20 13:47:26
End at: 2018-02-20 13:47:56
Local clock offset: 0.461 ms
Remote clock offset: -19.471 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 2.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 2.113 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 2.192 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

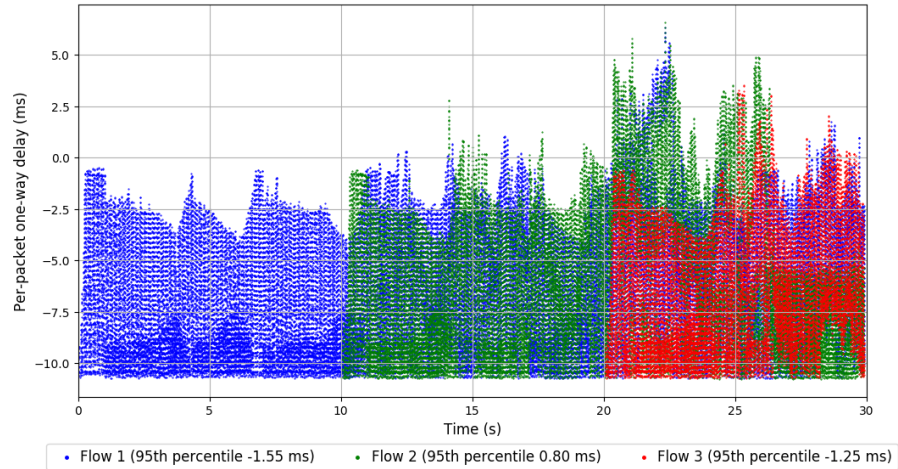
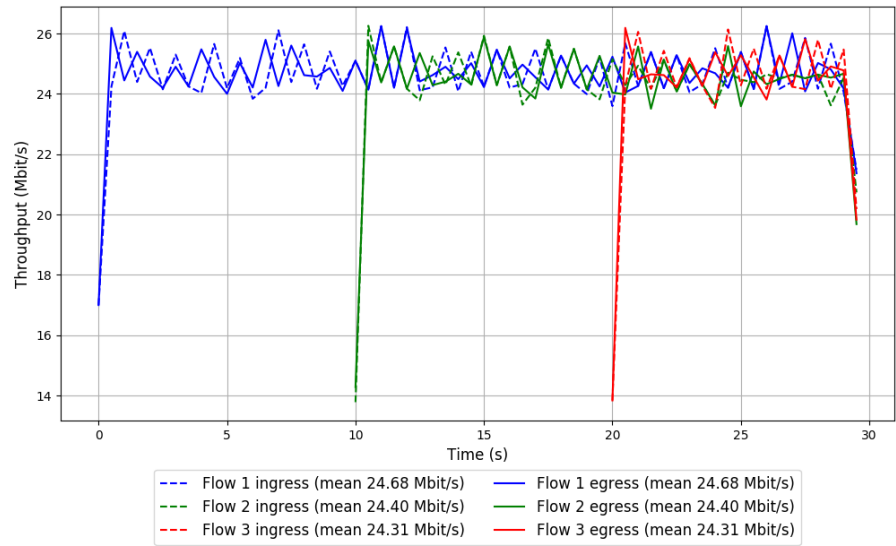


Run 3: Statistics of Sprout

Start at: 2018-02-20 14:09:08
End at: 2018-02-20 14:09:38
Local clock offset: -1.567 ms
Remote clock offset: -20.426 ms

```
# Below is generated by plot.py at 2018-02-20 17:45:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.93 Mbit/s
95th percentile per-packet one-way delay: -0.732 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: -1.551 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 0.803 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: -1.251 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

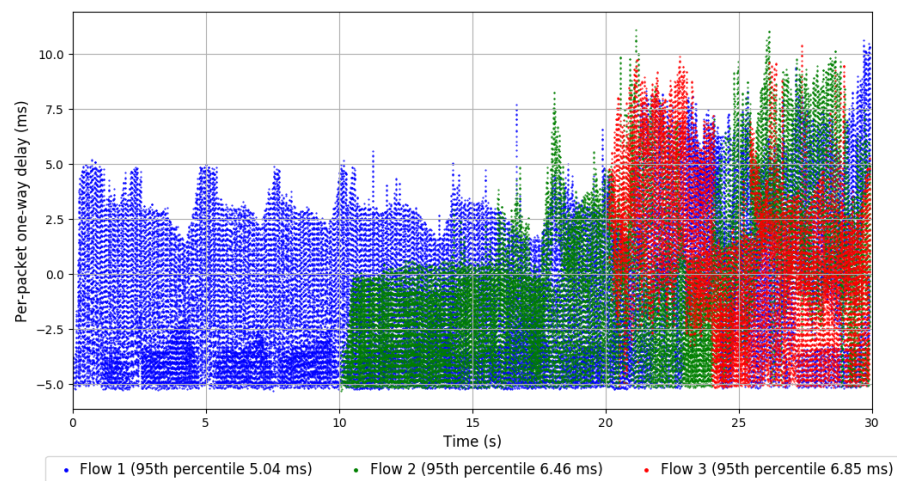
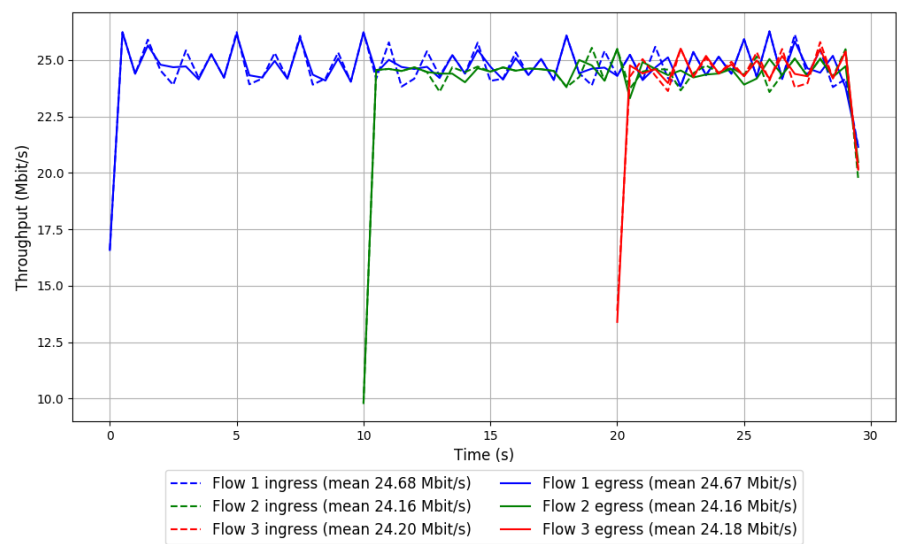


Run 4: Statistics of Sprout

Start at: 2018-02-20 14:30:59
End at: 2018-02-20 14:31:29
Local clock offset: -1.616 ms
Remote clock offset: -18.377 ms

```
# Below is generated by plot.py at 2018-02-20 17:45:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.72 Mbit/s
95th percentile per-packet one-way delay: 5.944 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 5.041 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 6.459 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.18 Mbit/s
95th percentile per-packet one-way delay: 6.848 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

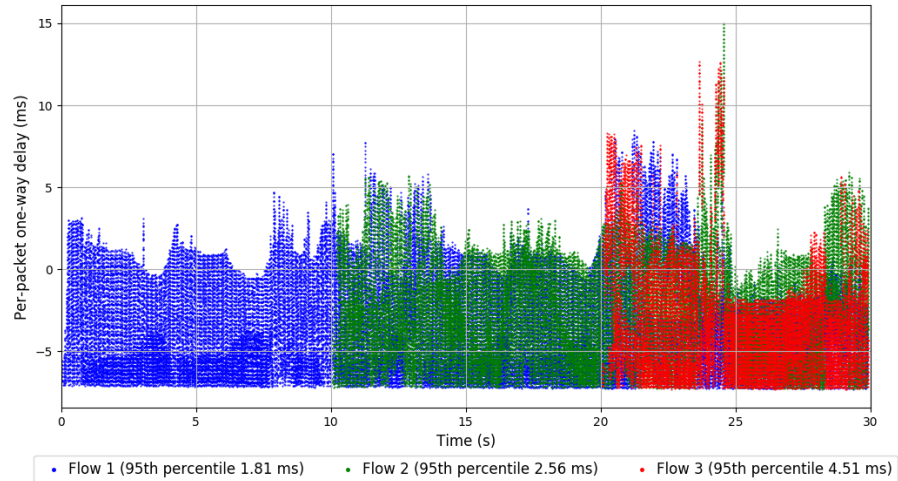
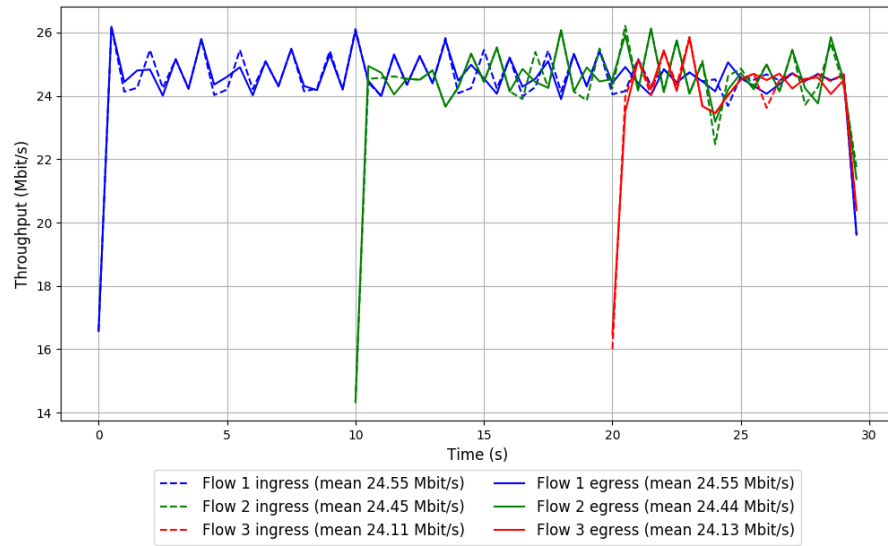


Run 5: Statistics of Sprout

Start at: 2018-02-20 14:52:56
End at: 2018-02-20 14:53:26
Local clock offset: 0.146 ms
Remote clock offset: -17.143 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.76 Mbit/s
95th percentile per-packet one-way delay: 2.460 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 1.814 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 2.557 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 4.506 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

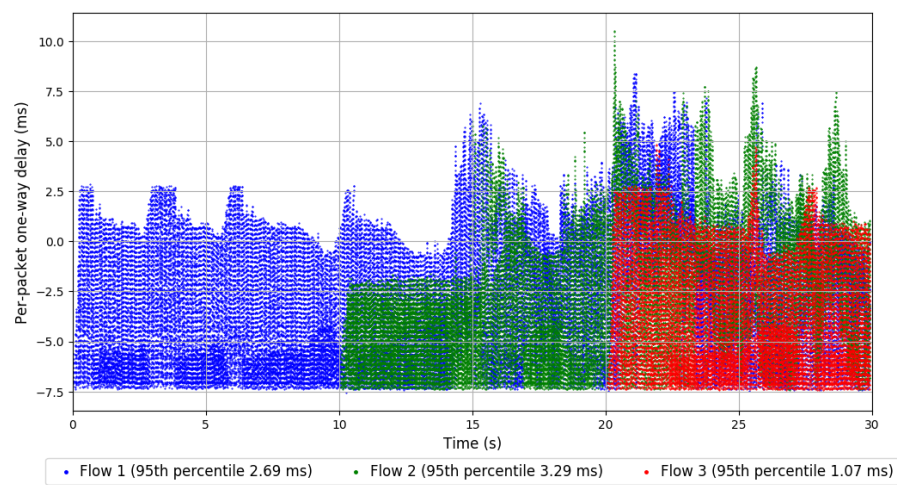
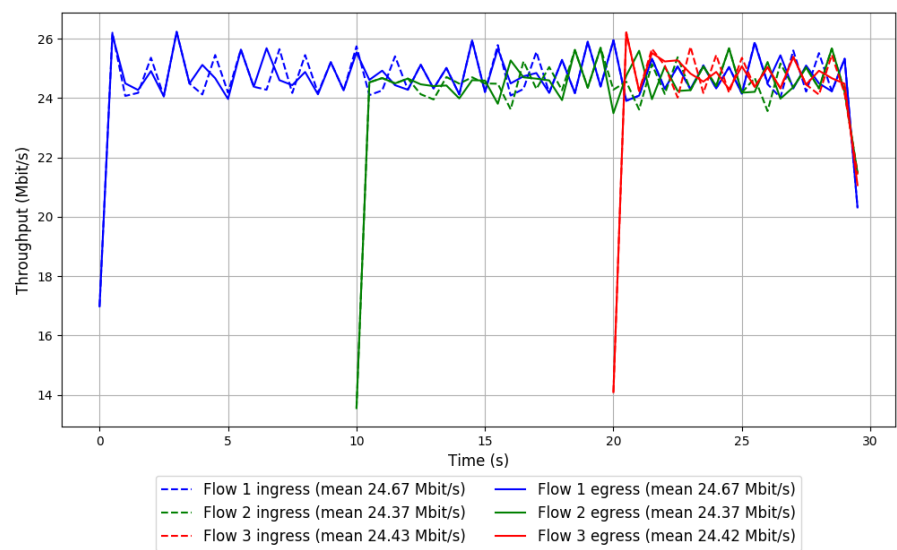


Run 6: Statistics of Sprout

Start at: 2018-02-20 15:14:40
End at: 2018-02-20 15:15:10
Local clock offset: 1.605 ms
Remote clock offset: -10.954 ms

Below is generated by plot.py at 2018-02-20 17:45:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.94 Mbit/s
95th percentile per-packet one-way delay: 2.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 2.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 3.289 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 1.070 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

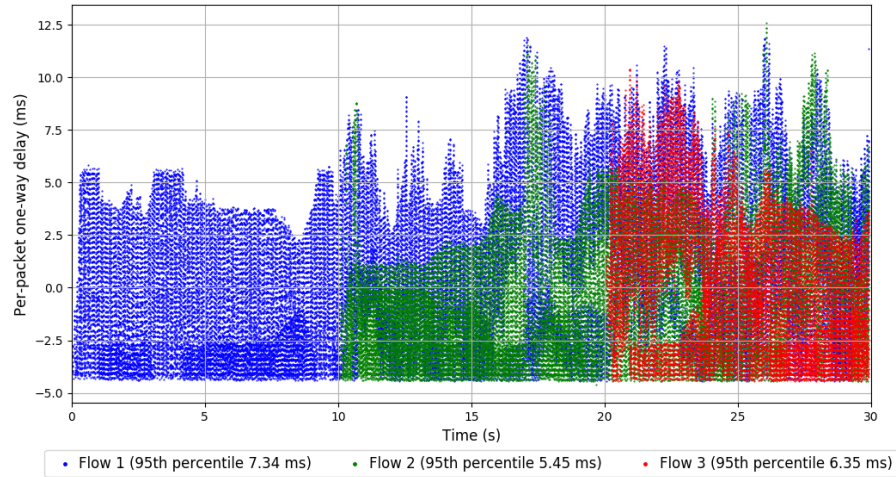
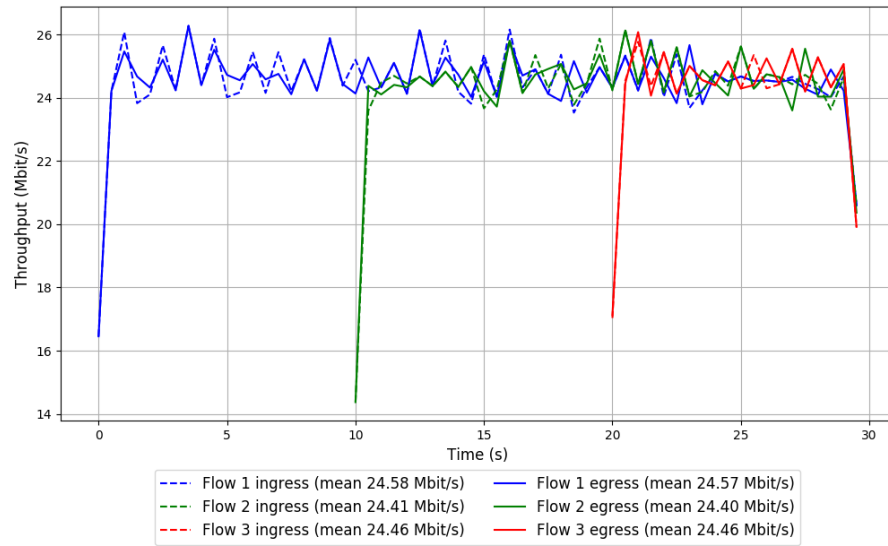


Run 7: Statistics of Sprout

Start at: 2018-02-20 15:36:33
End at: 2018-02-20 15:37:03
Local clock offset: -1.355 ms
Remote clock offset: -7.722 ms

Below is generated by plot.py at 2018-02-20 17:45:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 6.769 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 7.338 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 5.452 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 6.352 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

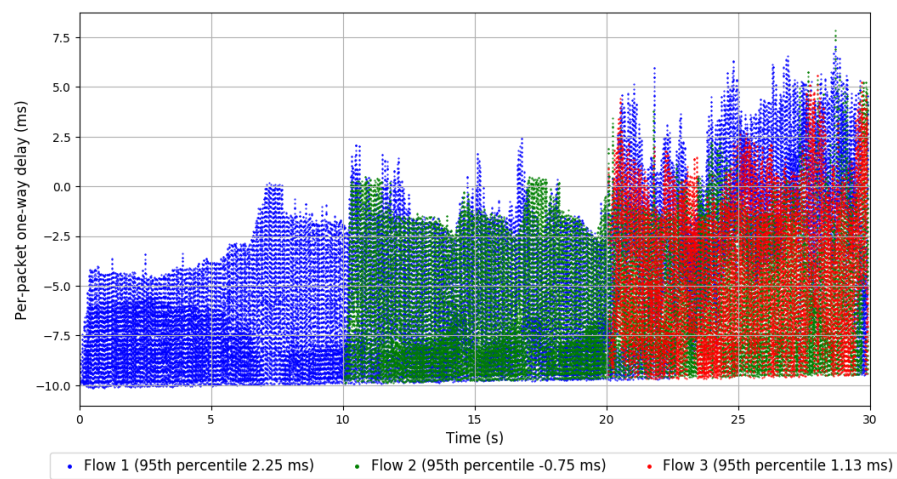
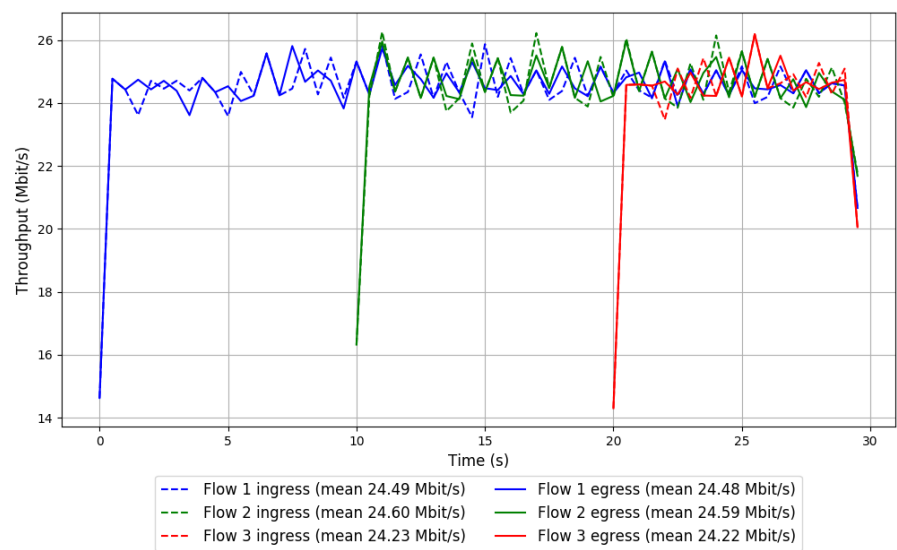


Run 8: Statistics of Sprout

Start at: 2018-02-20 15:58:15
End at: 2018-02-20 15:58:45
Local clock offset: 2.175 ms
Remote clock offset: -11.953 ms

Below is generated by plot.py at 2018-02-20 17:45:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.85 Mbit/s
95th percentile per-packet one-way delay: 1.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 2.249 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: -0.746 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.22 Mbit/s
95th percentile per-packet one-way delay: 1.130 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

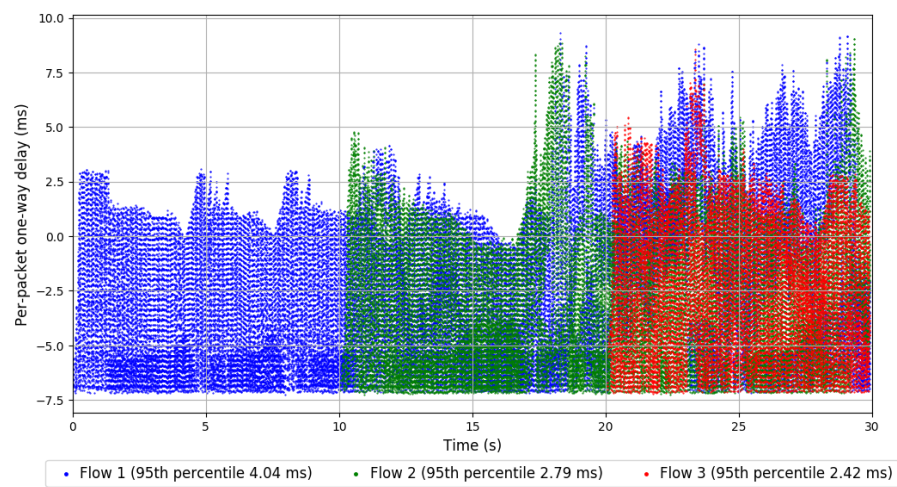
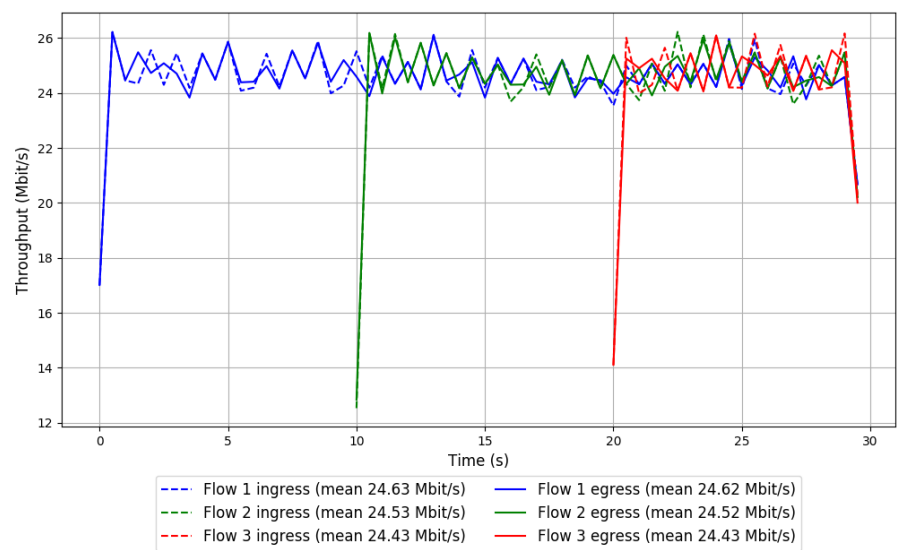


Run 9: Statistics of Sprout

Start at: 2018-02-20 16:20:34
End at: 2018-02-20 16:21:04
Local clock offset: -2.297 ms
Remote clock offset: -21.986 ms

Below is generated by plot.py at 2018-02-20 17:45:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 3.440 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 4.041 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 2.792 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 2.420 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

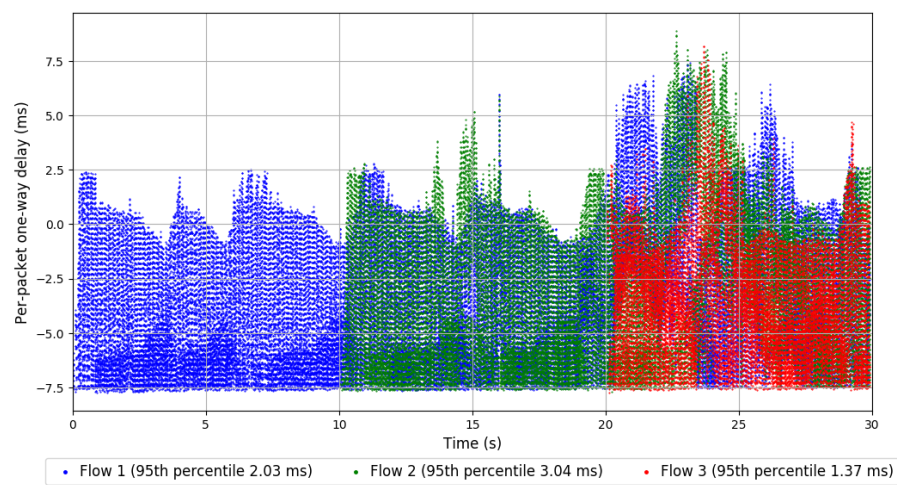
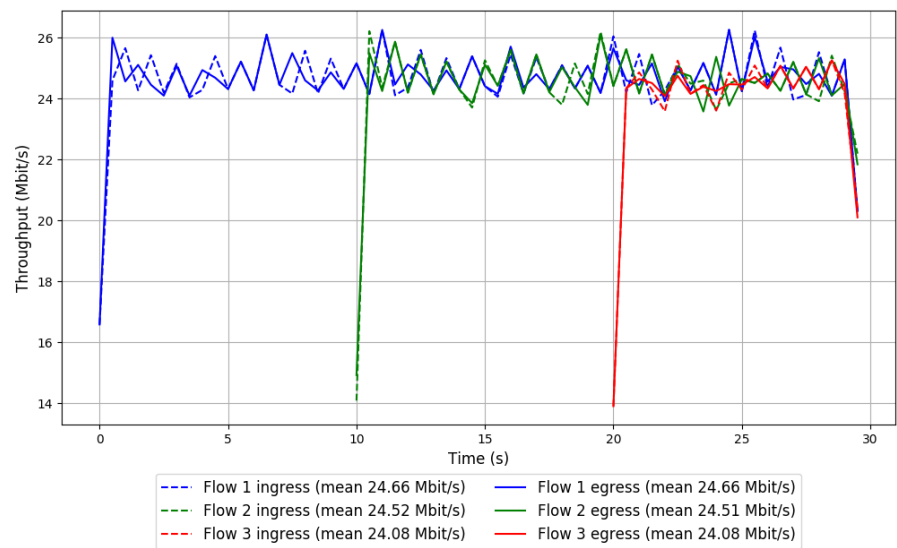


Run 10: Statistics of Sprout

Start at: 2018-02-20 16:42:33
End at: 2018-02-20 16:43:03
Local clock offset: -1.429 ms
Remote clock offset: -27.294 ms

Below is generated by plot.py at 2018-02-20 17:45:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 2.278 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 2.028 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 3.038 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 1.369 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

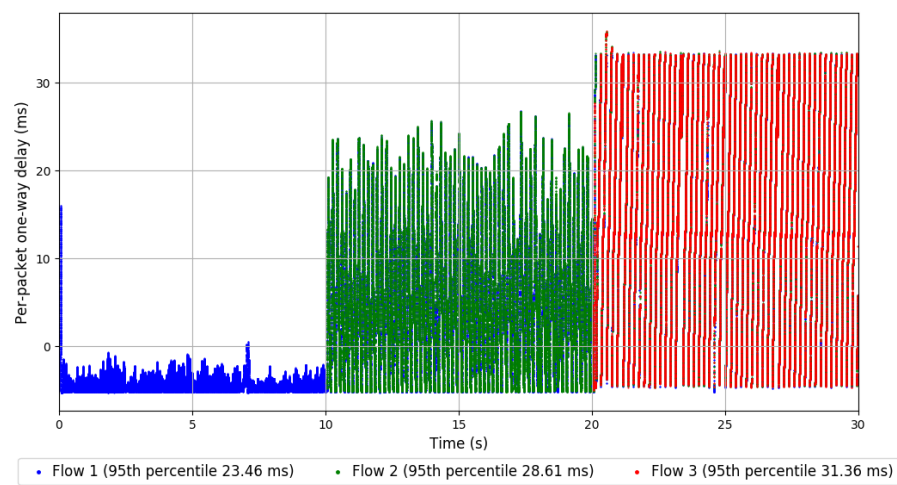
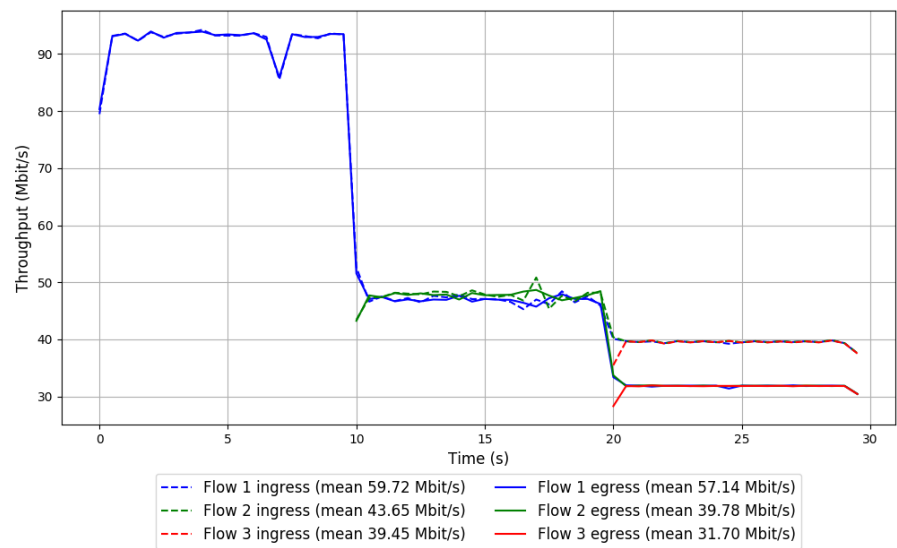


Run 1: Statistics of TaoVA-100x

Start at: 2018-02-20 13:44:57
End at: 2018-02-20 13:45:27
Local clock offset: 0.854 ms
Remote clock offset: -18.386 ms

Below is generated by plot.py at 2018-02-20 17:47:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.15 Mbit/s
95th percentile per-packet one-way delay: 27.671 ms
Loss rate: 7.54%
-- Flow 1:
Average throughput: 57.14 Mbit/s
95th percentile per-packet one-way delay: 23.459 ms
Loss rate: 4.28%
-- Flow 2:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 28.612 ms
Loss rate: 8.82%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 31.360 ms
Loss rate: 19.55%

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

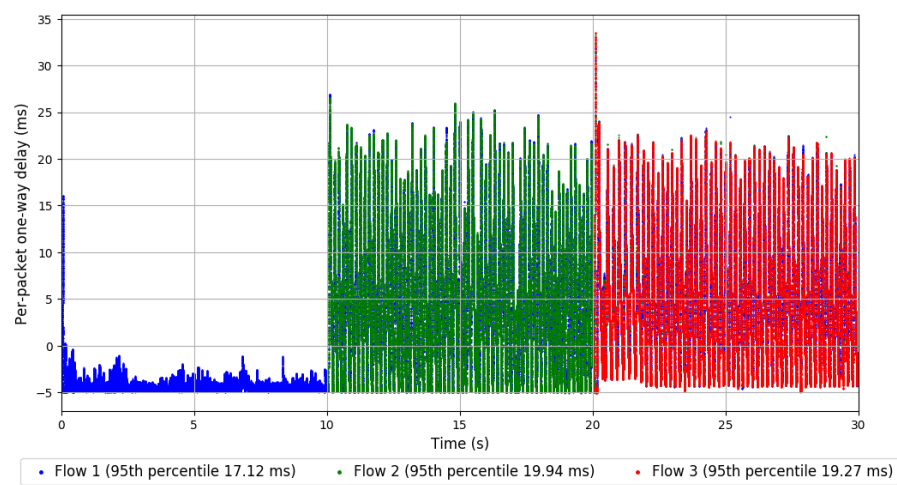
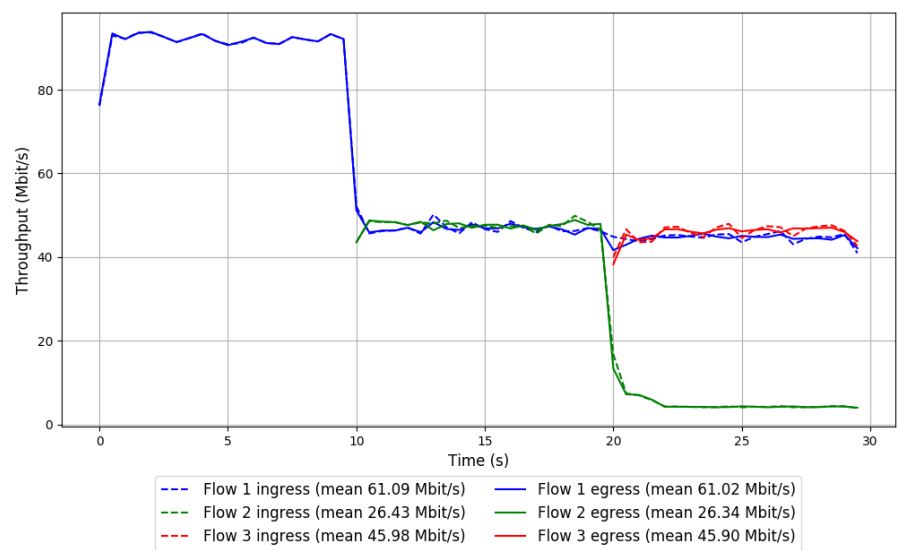


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-20 14:06:34
End at: 2018-02-20 14:07:04
Local clock offset: -4.552 ms
Remote clock offset: -17.894 ms

Below is generated by plot.py at 2018-02-20 17:47:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 18.399 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 61.02 Mbit/s
95th percentile per-packet one-way delay: 17.124 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 19.940 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 45.90 Mbit/s
95th percentile per-packet one-way delay: 19.270 ms
Loss rate: 0.20%

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

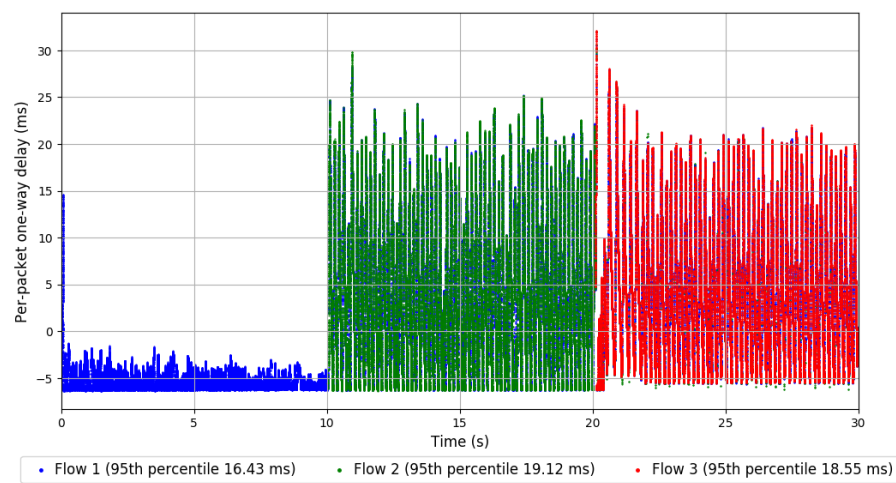
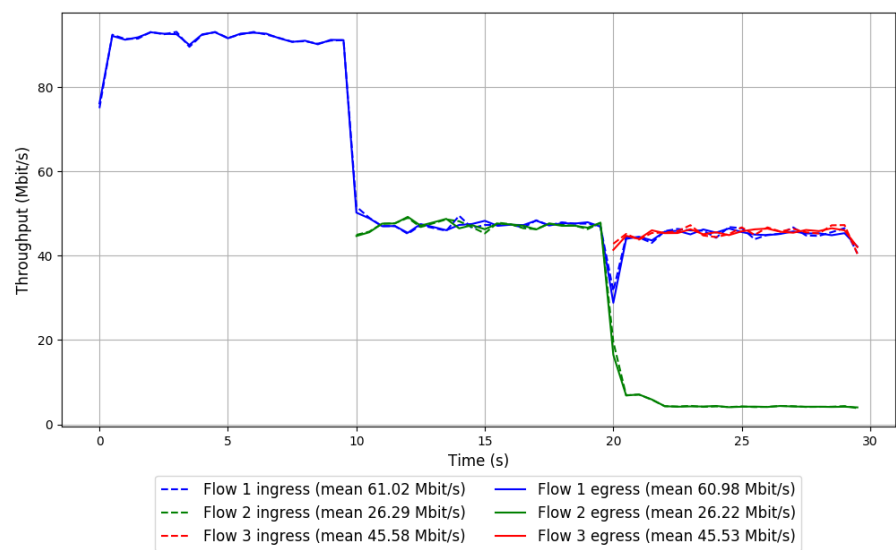


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-20 14:28:25
End at: 2018-02-20 14:28:55
Local clock offset: -1.959 ms
Remote clock offset: -19.395 ms

Below is generated by plot.py at 2018-02-20 17:47:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 17.694 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 60.98 Mbit/s
95th percentile per-packet one-way delay: 16.434 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 26.22 Mbit/s
95th percentile per-packet one-way delay: 19.120 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 18.545 ms
Loss rate: 0.17%

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

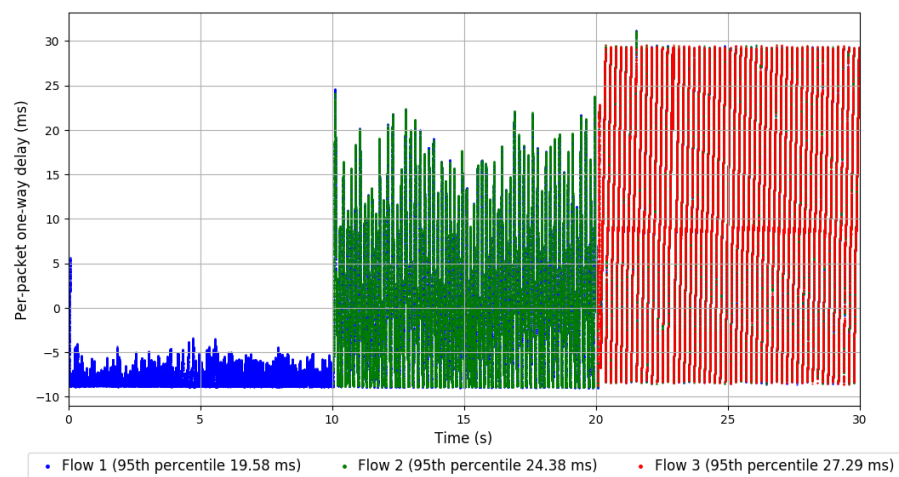
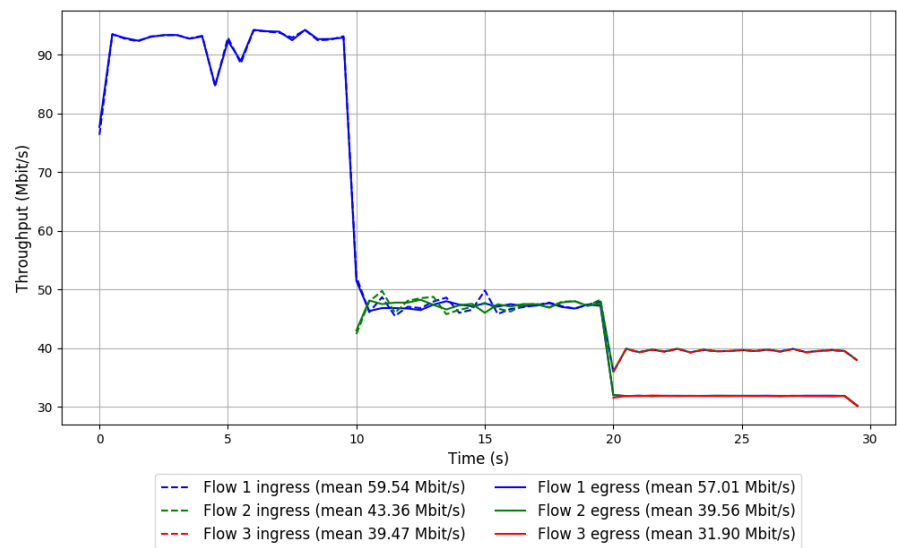


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-20 14:50:24
End at: 2018-02-20 14:50:54
Local clock offset: 2.461 ms
Remote clock offset: -17.615 ms

Below is generated by plot.py at 2018-02-20 17:47:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.94 Mbit/s
95th percentile per-packet one-way delay: 23.508 ms
Loss rate: 7.45%
-- Flow 1:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 19.576 ms
Loss rate: 4.24%
-- Flow 2:
Average throughput: 39.56 Mbit/s
95th percentile per-packet one-way delay: 24.384 ms
Loss rate: 8.74%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 27.294 ms
Loss rate: 19.23%

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

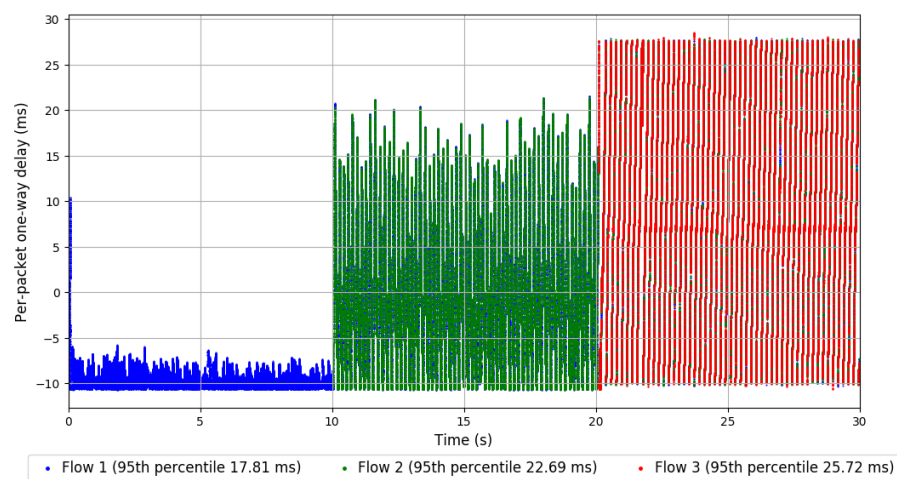
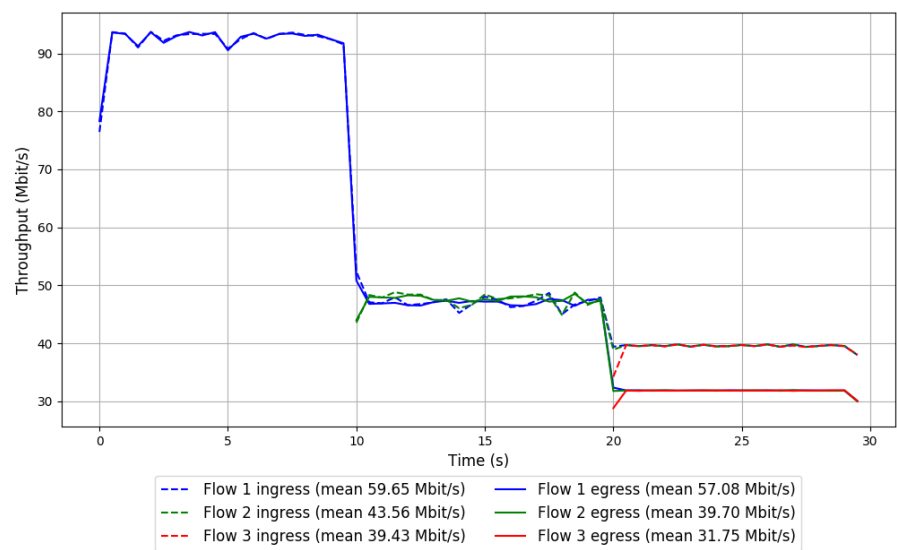


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-20 15:12:09
End at: 2018-02-20 15:12:39
Local clock offset: 2.121 ms
Remote clock offset: -14.033 ms

Below is generated by plot.py at 2018-02-20 17:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 21.798 ms
Loss rate: 7.54%
-- Flow 1:
Average throughput: 57.08 Mbit/s
95th percentile per-packet one-way delay: 17.811 ms
Loss rate: 4.30%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 22.688 ms
Loss rate: 8.85%
-- Flow 3:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 25.724 ms
Loss rate: 19.45%

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

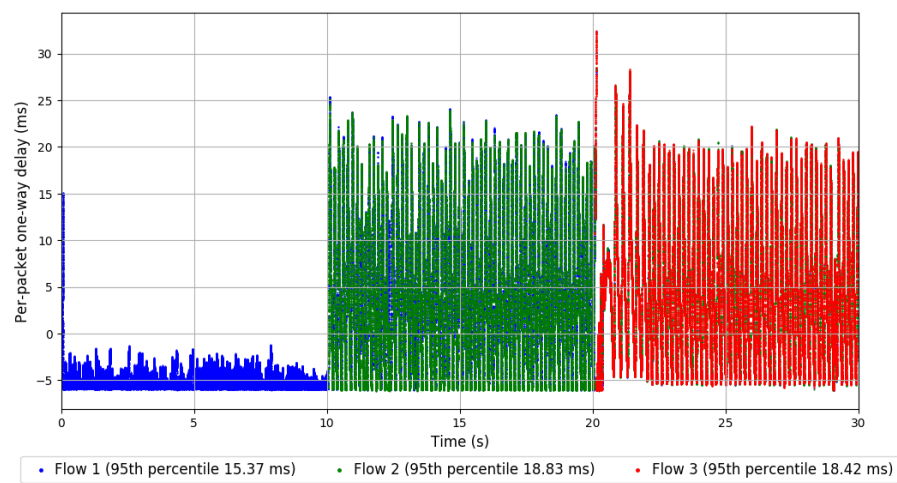
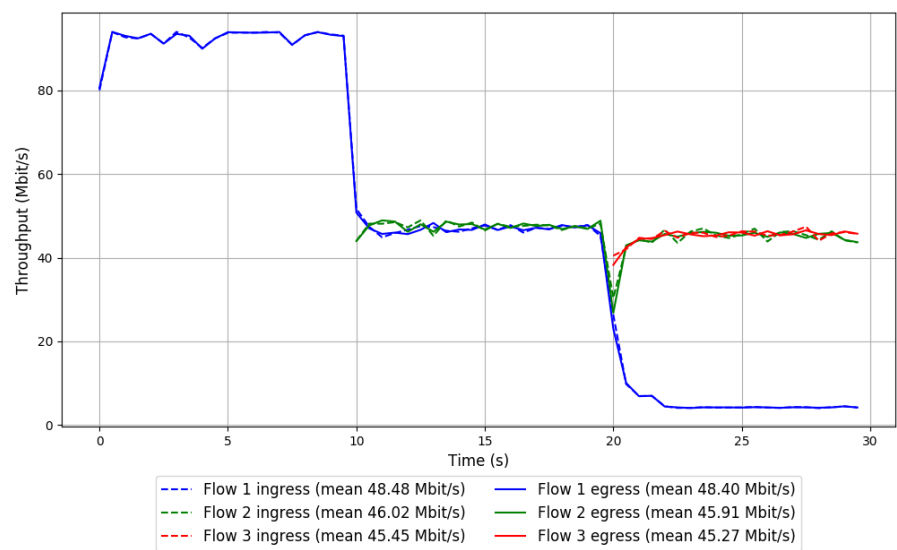


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-20 15:33:52
End at: 2018-02-20 15:34:22
Local clock offset: -0.737 ms
Remote clock offset: -9.284 ms

Below is generated by plot.py at 2018-02-20 17:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 17.743 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 48.40 Mbit/s
95th percentile per-packet one-way delay: 15.369 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 45.91 Mbit/s
95th percentile per-packet one-way delay: 18.826 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 45.27 Mbit/s
95th percentile per-packet one-way delay: 18.419 ms
Loss rate: 0.19%

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

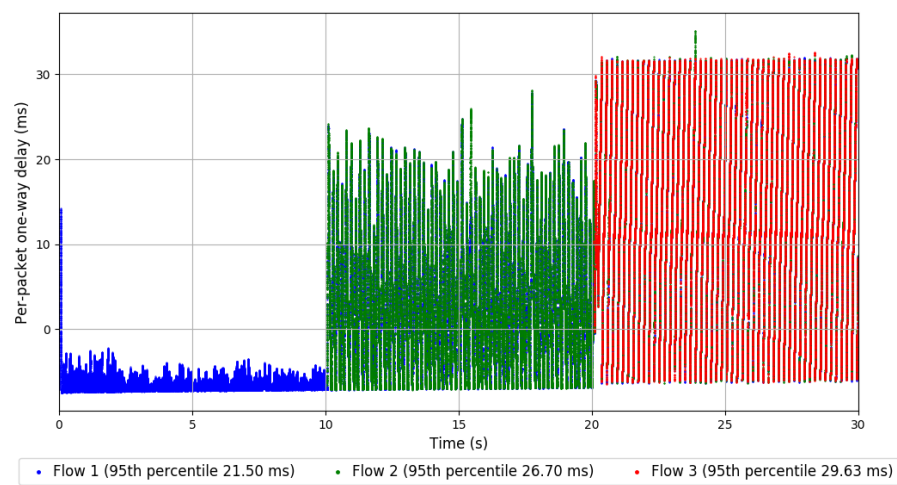
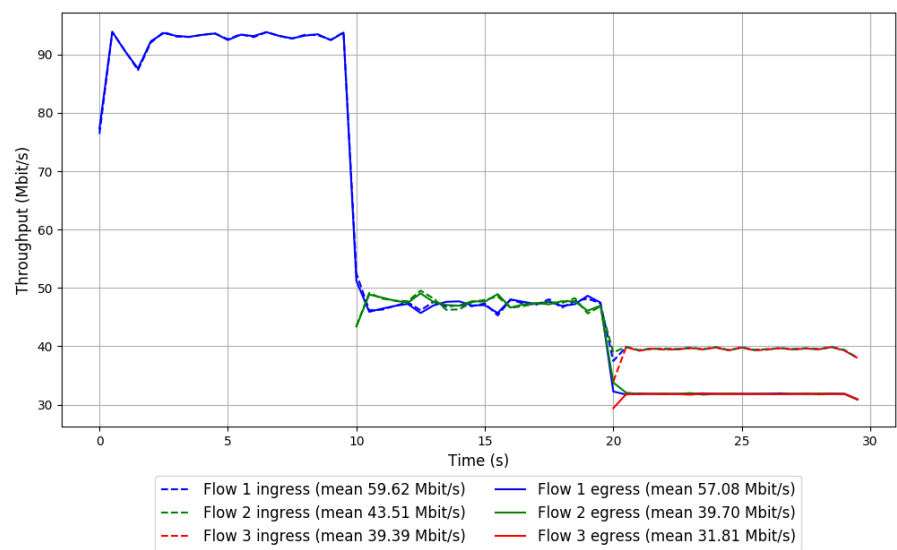


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-20 15:55:47
End at: 2018-02-20 15:56:17
Local clock offset: 0.143 ms
Remote clock offset: -7.729 ms

Below is generated by plot.py at 2018-02-20 17:48:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.07 Mbit/s
95th percentile per-packet one-way delay: 25.812 ms
Loss rate: 7.42%
-- Flow 1:
Average throughput: 57.08 Mbit/s
95th percentile per-packet one-way delay: 21.496 ms
Loss rate: 4.21%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 26.701 ms
Loss rate: 8.68%
-- Flow 3:
Average throughput: 31.81 Mbit/s
95th percentile per-packet one-way delay: 29.629 ms
Loss rate: 19.24%

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

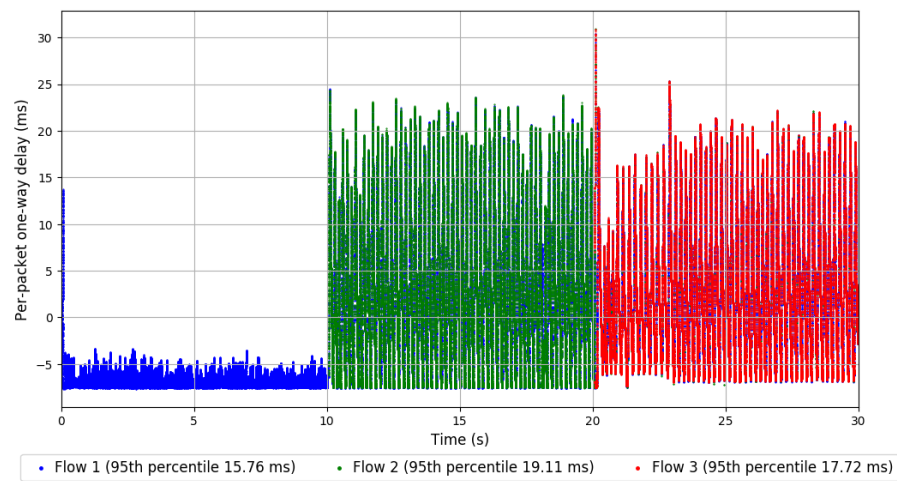
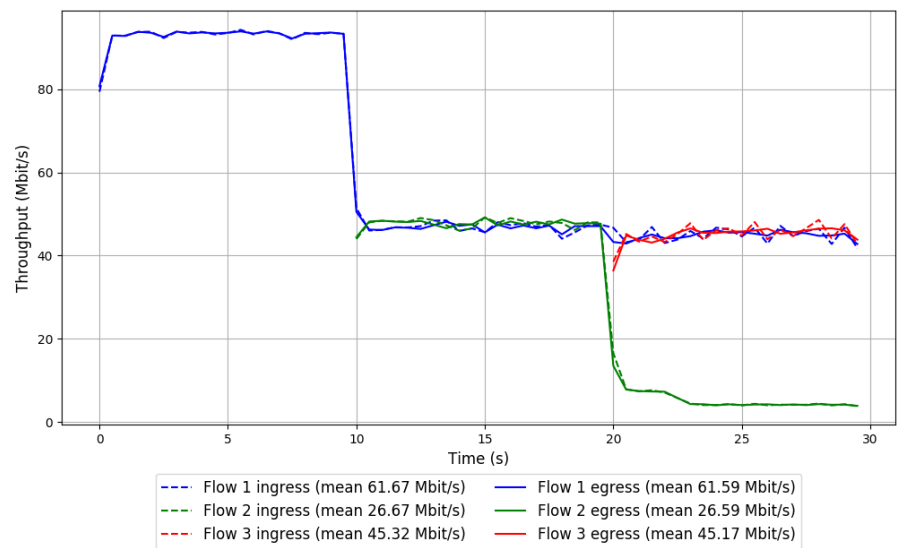


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-20 16:17:51
End at: 2018-02-20 16:18:21
Local clock offset: -4.696 ms
Remote clock offset: -24.437 ms

Below is generated by plot.py at 2018-02-20 17:48:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.29 Mbit/s
95th percentile per-packet one-way delay: 17.190 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 61.59 Mbit/s
95th percentile per-packet one-way delay: 15.759 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 26.59 Mbit/s
95th percentile per-packet one-way delay: 19.105 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 45.17 Mbit/s
95th percentile per-packet one-way delay: 17.717 ms
Loss rate: 0.28%

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

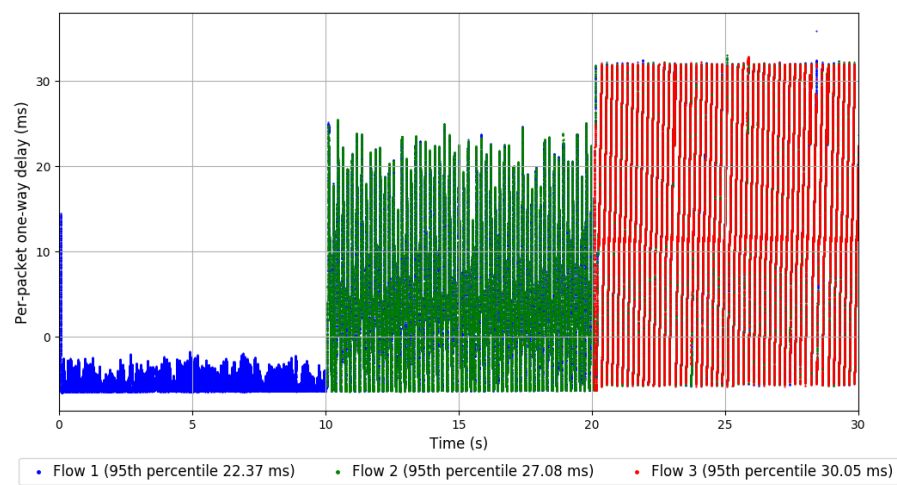
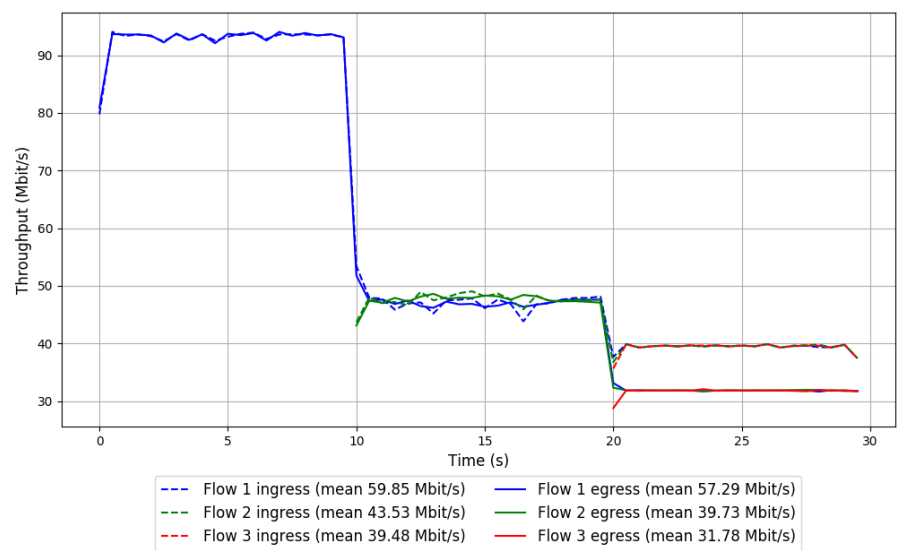


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-20 16:39:58
End at: 2018-02-20 16:40:28
Local clock offset: -3.373 ms
Remote clock offset: -26.641 ms

Below is generated by plot.py at 2018-02-20 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 26.229 ms
Loss rate: 7.40%
-- Flow 1:
Average throughput: 57.29 Mbit/s
95th percentile per-packet one-way delay: 22.373 ms
Loss rate: 4.19%
-- Flow 2:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 27.081 ms
Loss rate: 8.64%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 30.046 ms
Loss rate: 19.33%

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

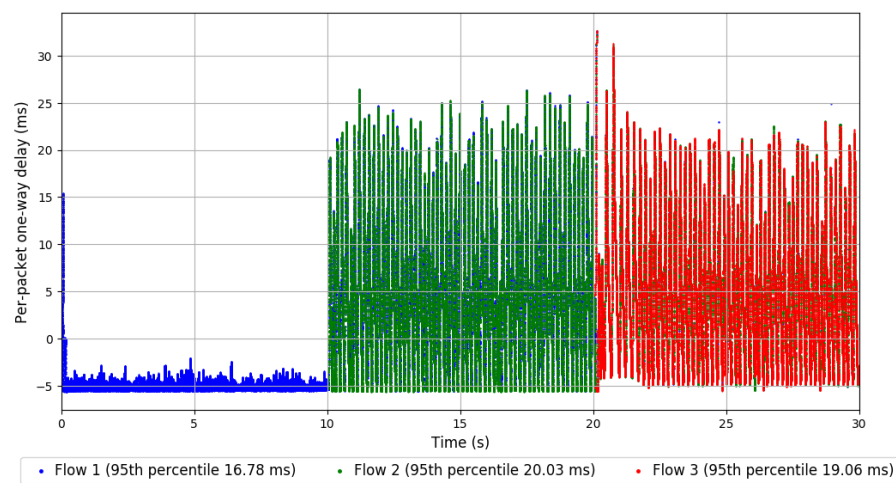
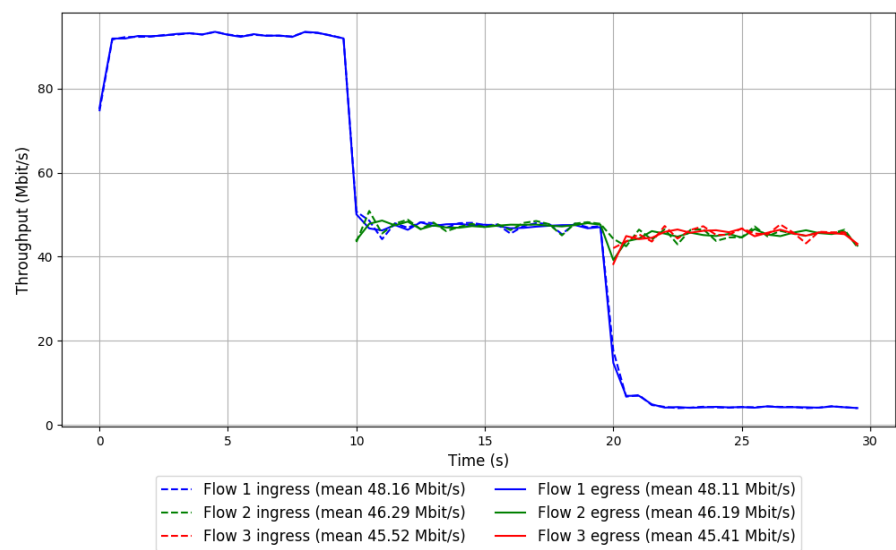


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-02-20 17:01:48
End at: 2018-02-20 17:02:18
Local clock offset: -0.73 ms
Remote clock offset: -30.257 ms

# Below is generated by plot.py at 2018-02-20 17:50:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 18.765 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 48.11 Mbit/s
95th percentile per-packet one-way delay: 16.781 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 46.19 Mbit/s
95th percentile per-packet one-way delay: 20.031 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 45.41 Mbit/s
95th percentile per-packet one-way delay: 19.064 ms
Loss rate: 0.26%
```

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

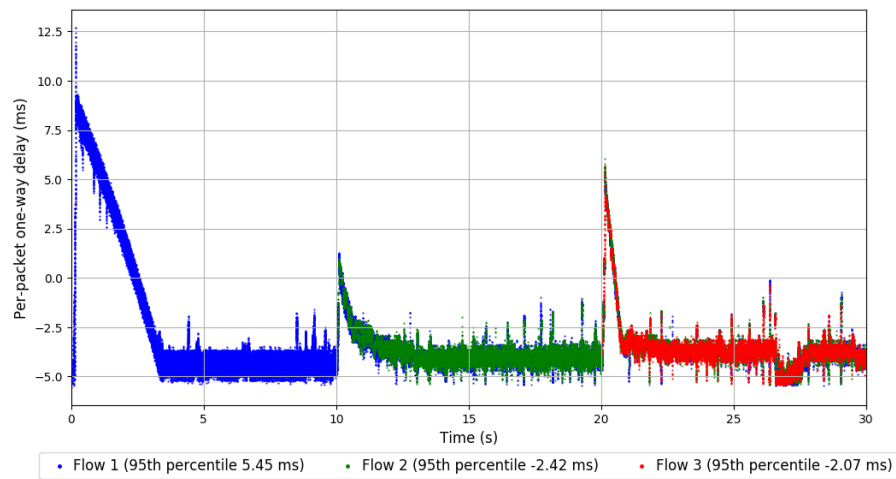
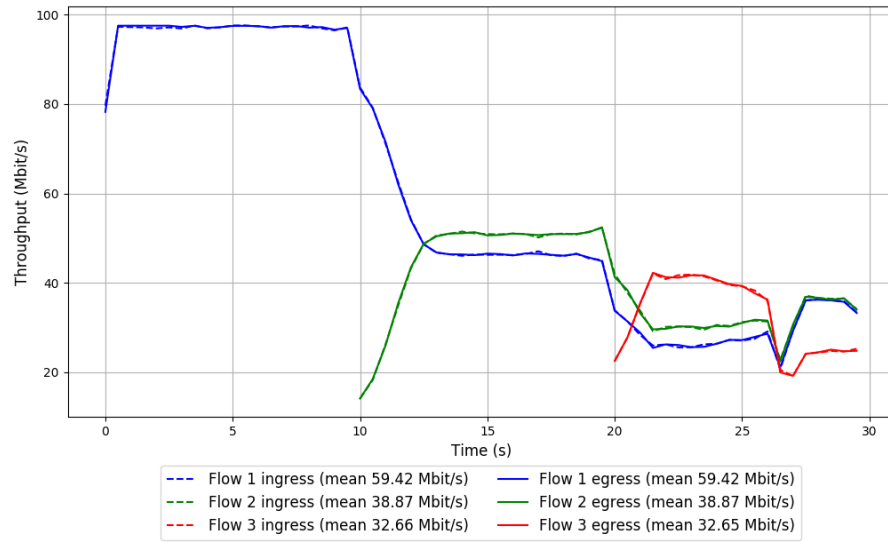


Run 1: Statistics of TCP Vegas

Start at: 2018-02-20 13:32:35
End at: 2018-02-20 13:33:05
Local clock offset: -0.584 ms
Remote clock offset: -18.668 ms

Below is generated by plot.py at 2018-02-20 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 3.653 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 5.445 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.87 Mbit/s
95th percentile per-packet one-way delay: -2.416 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 32.65 Mbit/s
95th percentile per-packet one-way delay: -2.072 ms
Loss rate: 0.04%

Run 1: Report of TCP Vegas — Data Link

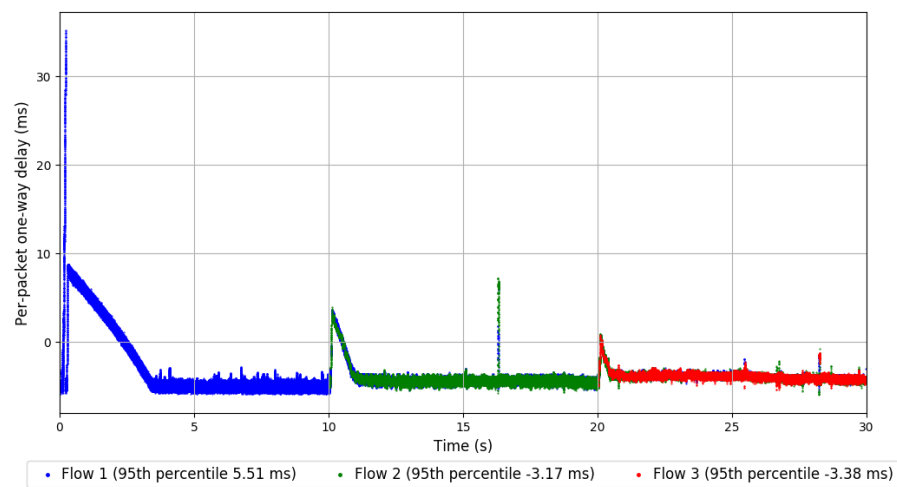
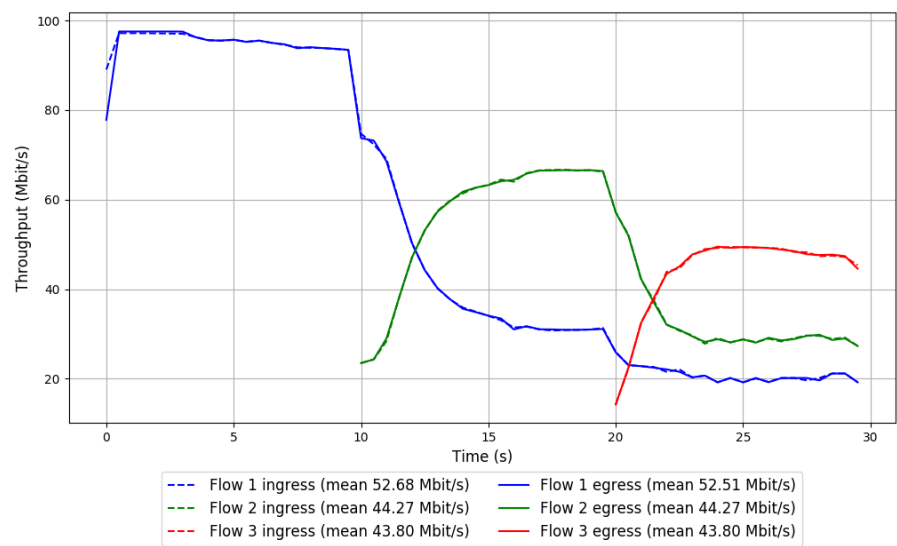


Run 2: Statistics of TCP Vegas

Start at: 2018-02-20 13:54:28
End at: 2018-02-20 13:54:58
Local clock offset: -2.654 ms
Remote clock offset: -18.696 ms

Below is generated by plot.py at 2018-02-20 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 3.109 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 52.51 Mbit/s
95th percentile per-packet one-way delay: 5.507 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 44.27 Mbit/s
95th percentile per-packet one-way delay: -3.167 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.80 Mbit/s
95th percentile per-packet one-way delay: -3.383 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

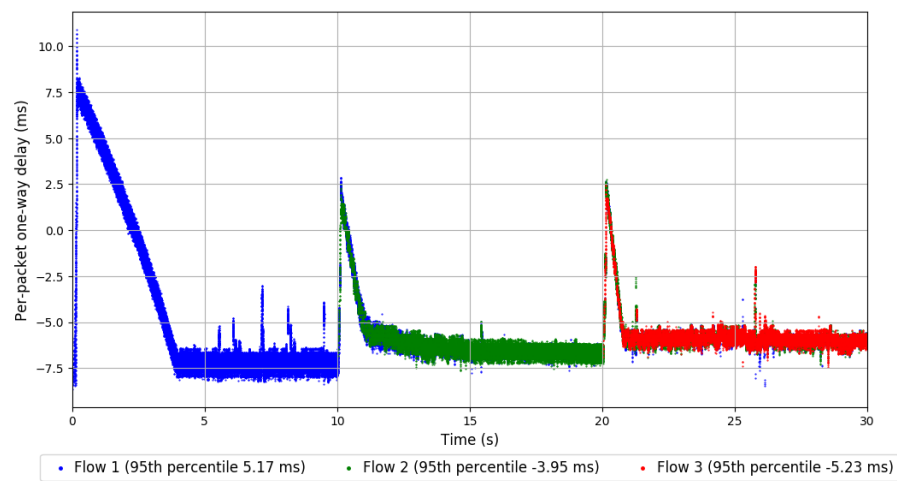
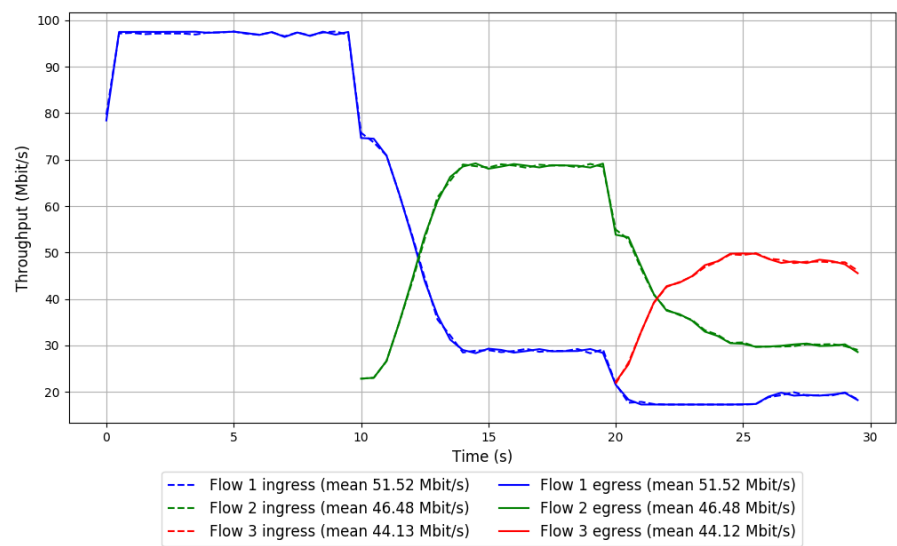


Run 3: Statistics of TCP Vegas

Start at: 2018-02-20 14:16:15
End at: 2018-02-20 14:16:45
Local clock offset: -2.098 ms
Remote clock offset: -18.713 ms

Below is generated by plot.py at 2018-02-20 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 2.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.52 Mbit/s
95th percentile per-packet one-way delay: 5.169 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.48 Mbit/s
95th percentile per-packet one-way delay: -3.953 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.12 Mbit/s
95th percentile per-packet one-way delay: -5.229 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

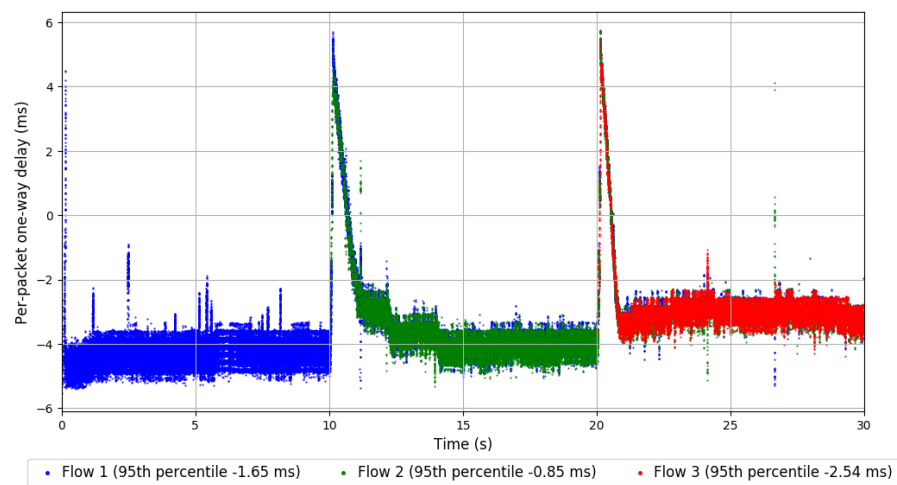
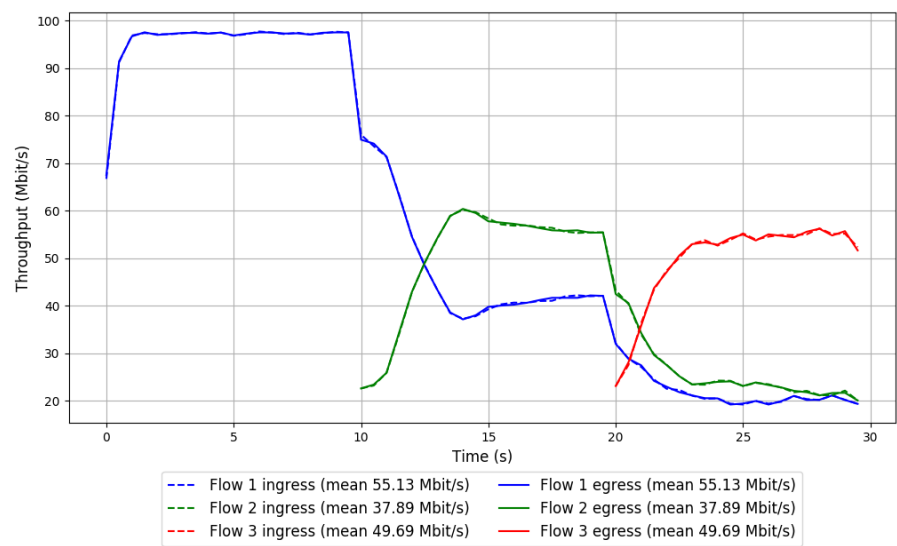


Run 4: Statistics of TCP Vegas

Start at: 2018-02-20 14:38:19
End at: 2018-02-20 14:38:49
Local clock offset: -0.87 ms
Remote clock offset: -18.71 ms

Below is generated by plot.py at 2018-02-20 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: -1.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: -1.654 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: -0.854 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.69 Mbit/s
95th percentile per-packet one-way delay: -2.540 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

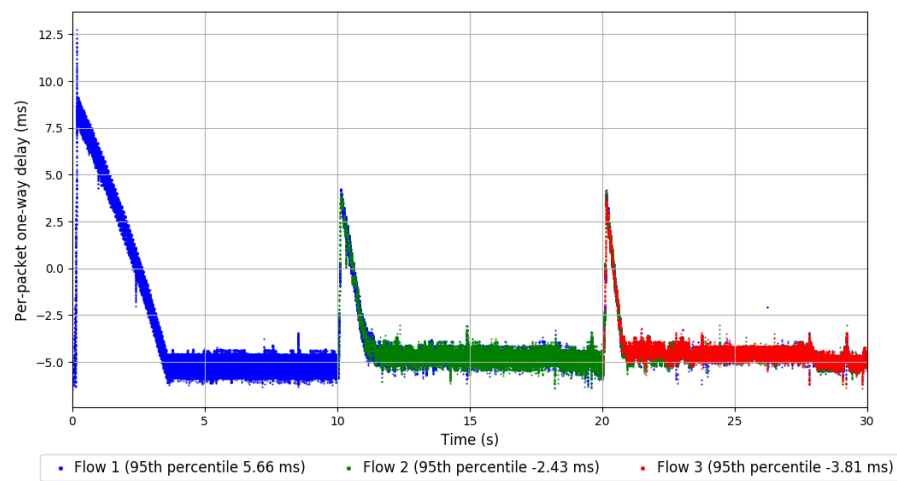
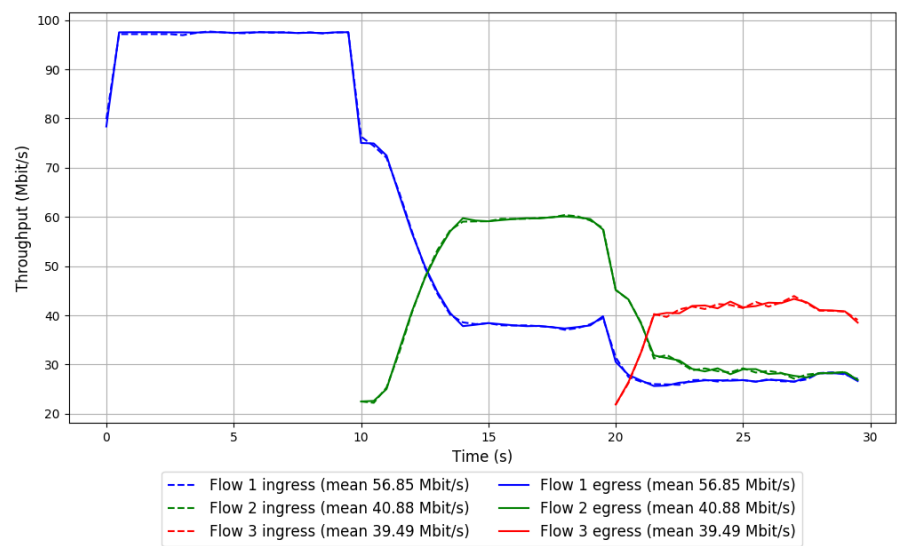


Run 5: Statistics of TCP Vegas

Start at: 2018-02-20 15:00:04
End at: 2018-02-20 15:00:34
Local clock offset: 0.698 ms
Remote clock offset: -13.359 ms

Below is generated by plot.py at 2018-02-20 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 3.563 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 5.660 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: -2.431 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: -3.813 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

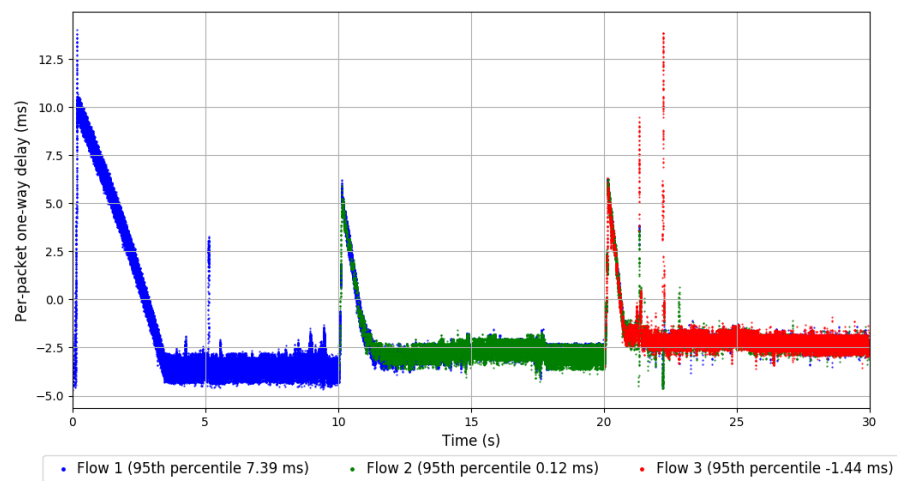
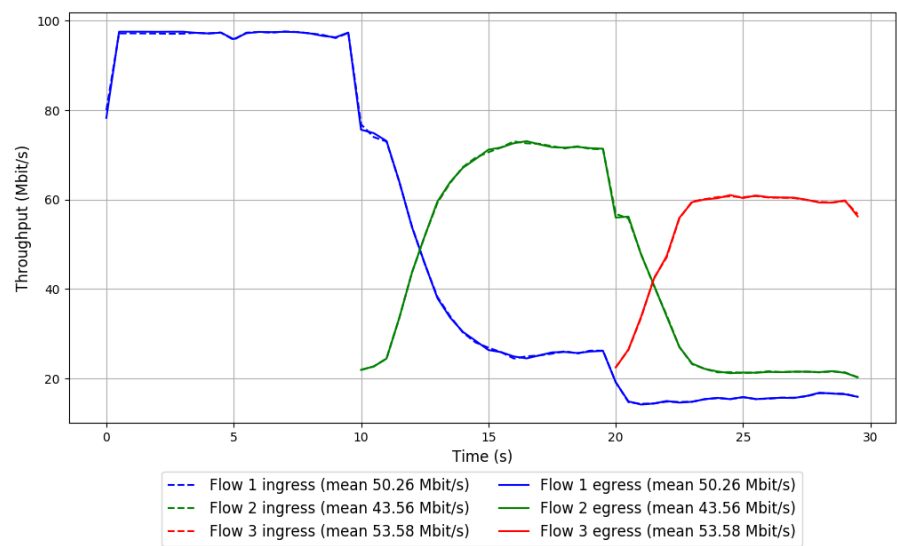


Run 6: Statistics of TCP Vegas

Start at: 2018-02-20 15:21:48
End at: 2018-02-20 15:22:18
Local clock offset: -0.221 ms
Remote clock offset: -9.239 ms

Below is generated by plot.py at 2018-02-20 17:50:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 5.122 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 7.391 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.56 Mbit/s
95th percentile per-packet one-way delay: 0.115 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: -1.437 ms
Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link

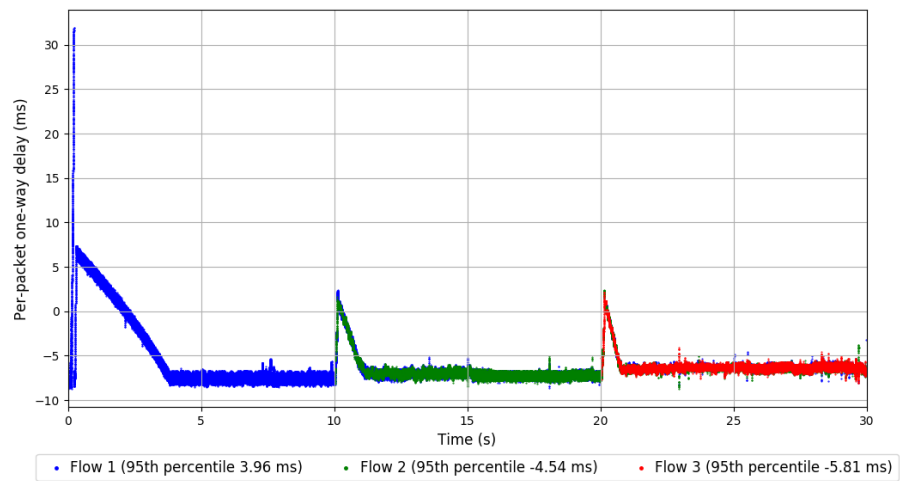
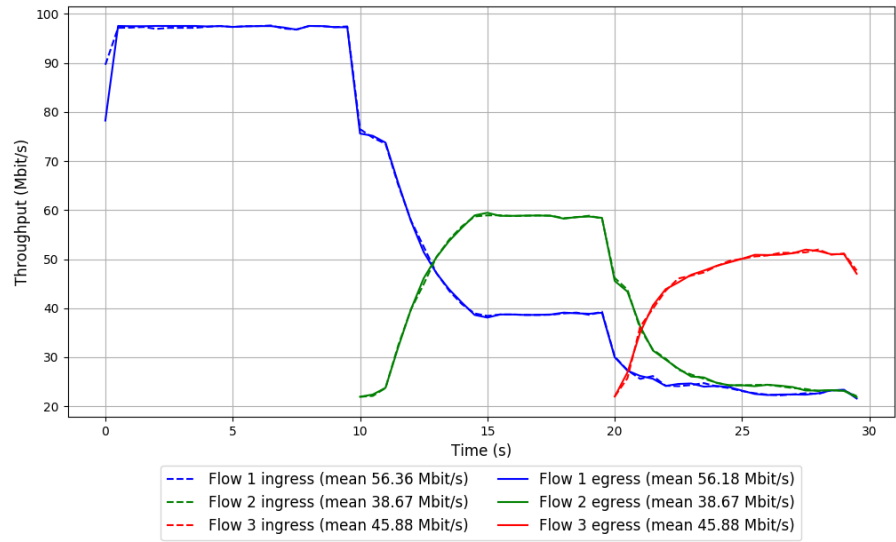


Run 7: Statistics of TCP Vegas

Start at: 2018-02-20 15:43:45
End at: 2018-02-20 15:44:15
Local clock offset: 1.152 ms
Remote clock offset: -8.515 ms

Below is generated by plot.py at 2018-02-20 17:50:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 1.818 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.18 Mbit/s
95th percentile per-packet one-way delay: 3.962 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: -4.542 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.88 Mbit/s
95th percentile per-packet one-way delay: -5.810 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

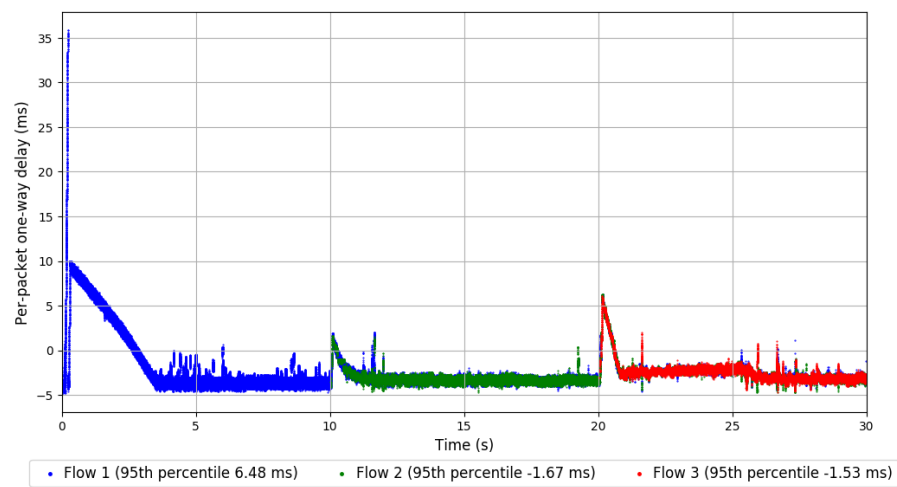
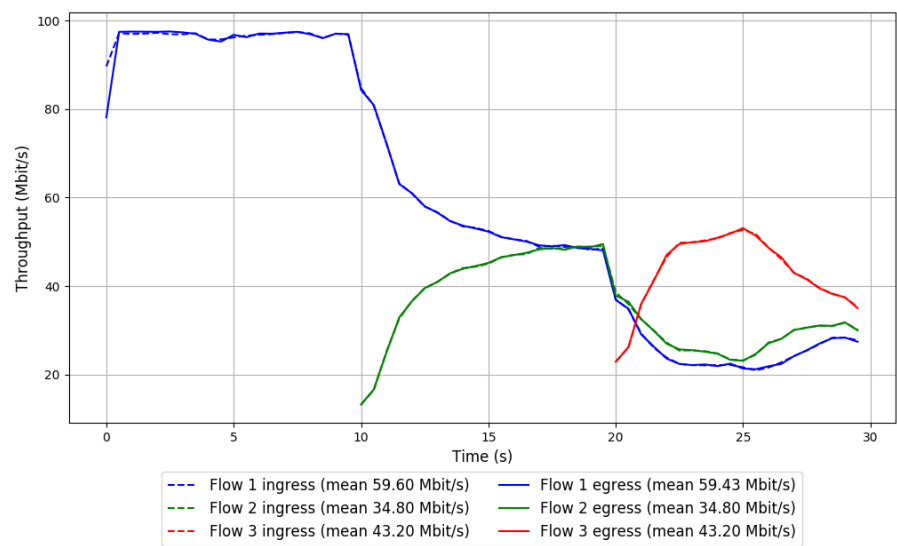


Run 8: Statistics of TCP Vegas

Start at: 2018-02-20 16:05:31
End at: 2018-02-20 16:06:01
Local clock offset: -6.954 ms
Remote clock offset: -21.179 ms

Below is generated by plot.py at 2018-02-20 17:50:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: 4.686 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.43 Mbit/s
95th percentile per-packet one-way delay: 6.482 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 34.80 Mbit/s
95th percentile per-packet one-way delay: -1.665 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.20 Mbit/s
95th percentile per-packet one-way delay: -1.534 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

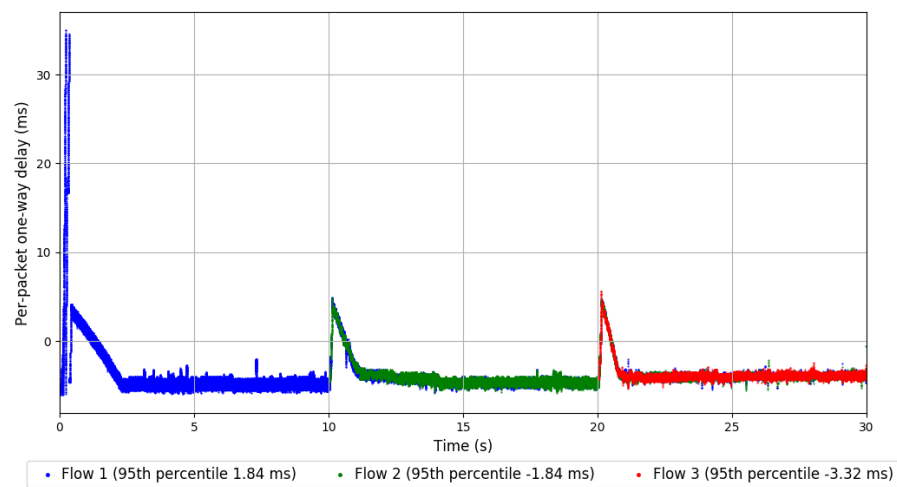
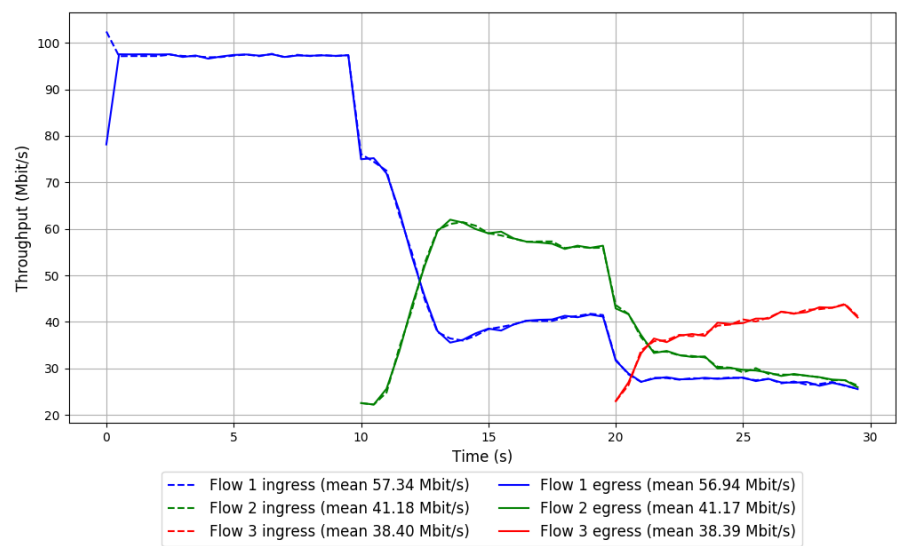


Run 9: Statistics of TCP Vegas

Start at: 2018-02-20 16:27:45
End at: 2018-02-20 16:28:15
Local clock offset: -4.309 ms
Remote clock offset: -23.771 ms

Below is generated by plot.py at 2018-02-20 17:51:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 1.040 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 56.94 Mbit/s
95th percentile per-packet one-way delay: 1.843 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 41.17 Mbit/s
95th percentile per-packet one-way delay: -1.838 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: -3.322 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

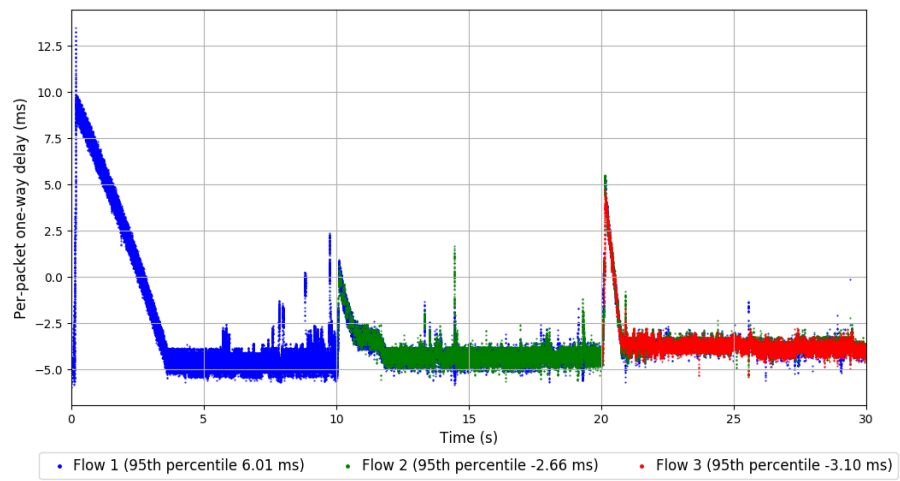
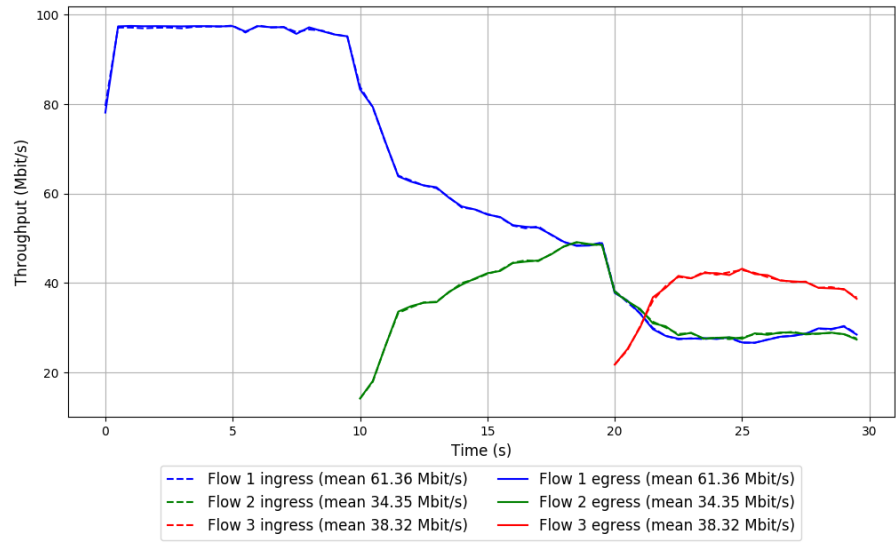


Run 10: Statistics of TCP Vegas

Start at: 2018-02-20 16:49:46
End at: 2018-02-20 16:50:16
Local clock offset: -1.567 ms
Remote clock offset: -28.425 ms

Below is generated by plot.py at 2018-02-20 17:51:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: 4.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.36 Mbit/s
95th percentile per-packet one-way delay: 6.015 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: -2.660 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.32 Mbit/s
95th percentile per-packet one-way delay: -3.100 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

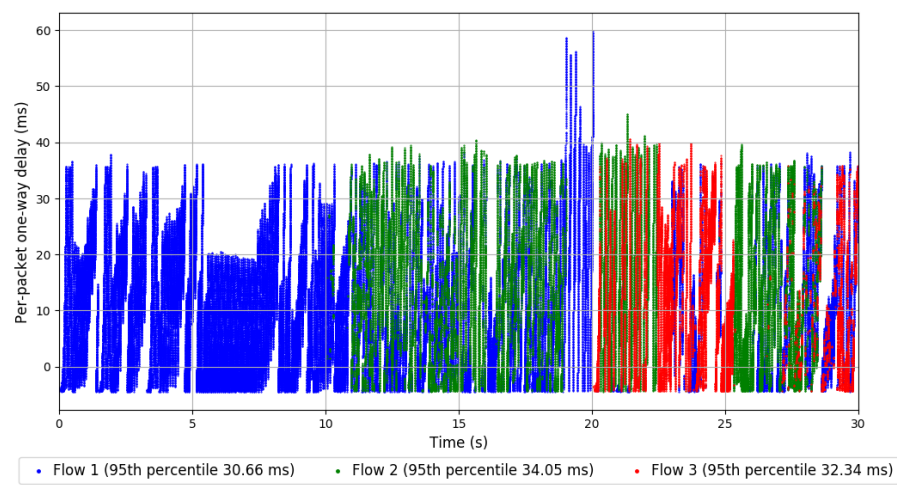
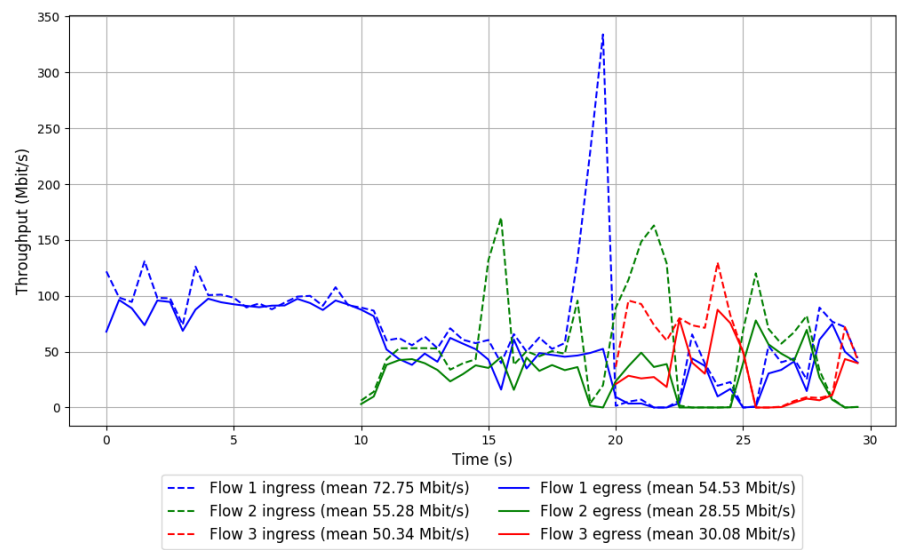


Run 1: Statistics of Verus

Start at: 2018-02-20 13:40:03
End at: 2018-02-20 13:40:33
Local clock offset: 0.054 ms
Remote clock offset: -17.811 ms

Below is generated by plot.py at 2018-02-20 17:51:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.46 Mbit/s
95th percentile per-packet one-way delay: 32.033 ms
Loss rate: 33.74%
-- Flow 1:
Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 30.659 ms
Loss rate: 24.95%
-- Flow 2:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 34.046 ms
Loss rate: 48.30%
-- Flow 3:
Average throughput: 30.08 Mbit/s
95th percentile per-packet one-way delay: 32.335 ms
Loss rate: 40.02%

Run 1: Report of Verus — Data Link

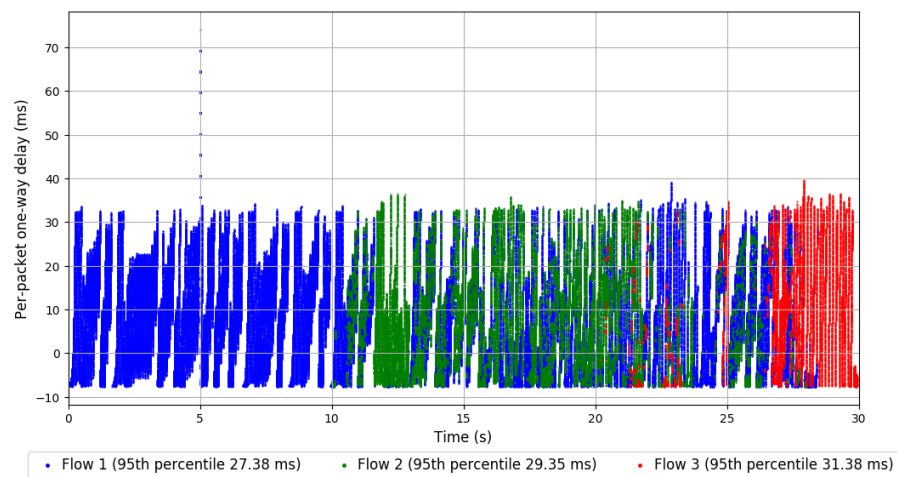
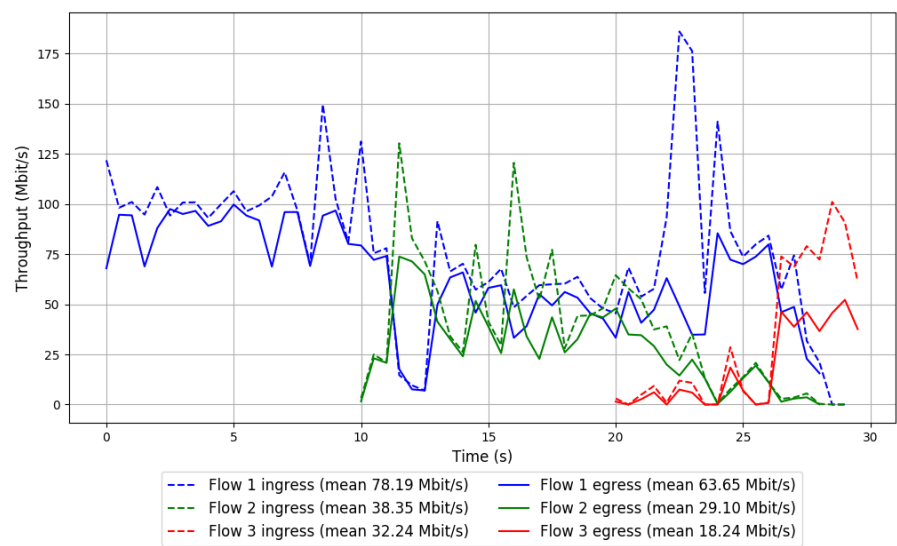


Run 2: Statistics of Verus

Start at: 2018-02-20 14:01:35
End at: 2018-02-20 14:02:05
Local clock offset: -2.829 ms
Remote clock offset: -19.242 ms

Below is generated by plot.py at 2018-02-20 17:51:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 28.321 ms
Loss rate: 25.05%
-- Flow 1:
Average throughput: 63.65 Mbit/s
95th percentile per-packet one-way delay: 27.376 ms
Loss rate: 21.30%
-- Flow 2:
Average throughput: 29.10 Mbit/s
95th percentile per-packet one-way delay: 29.354 ms
Loss rate: 28.98%
-- Flow 3:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 31.377 ms
Loss rate: 43.43%

Run 2: Report of Verus — Data Link

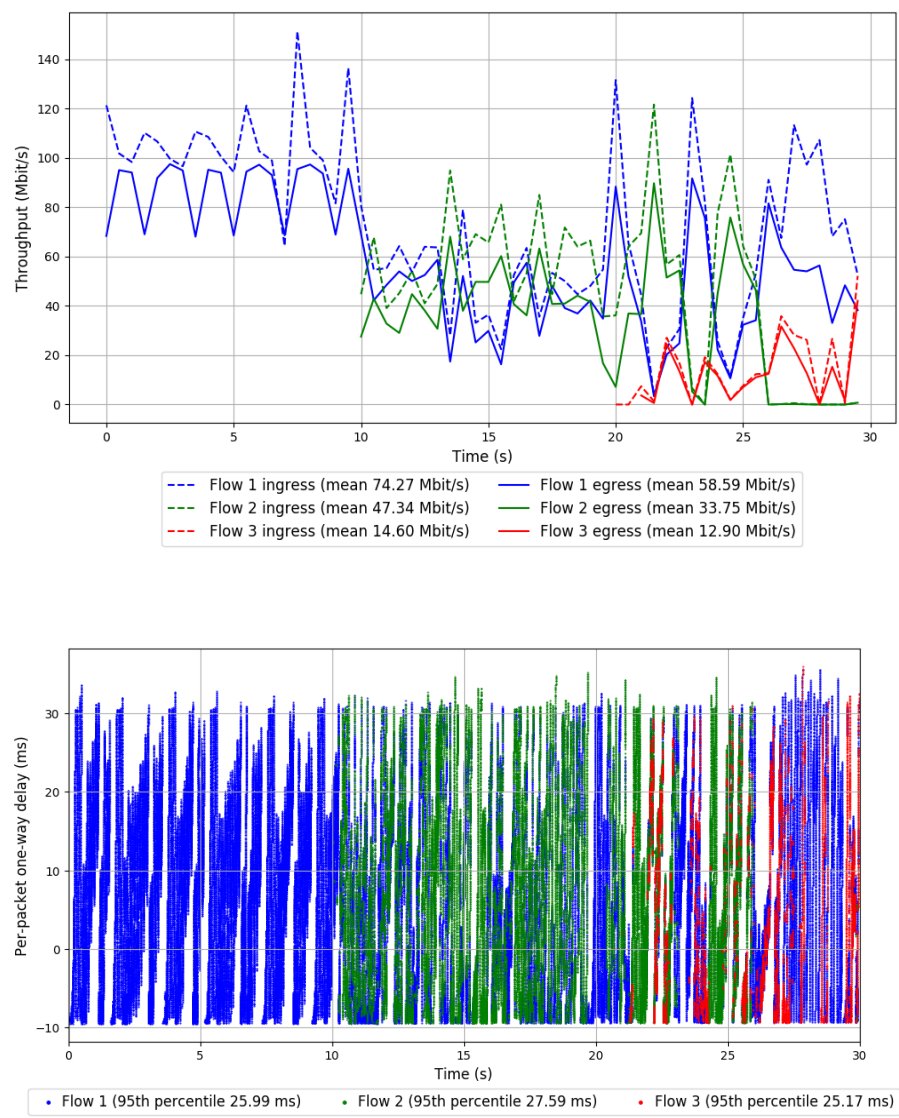


Run 3: Statistics of Verus

Start at: 2018-02-20 14:23:27
End at: 2018-02-20 14:23:57
Local clock offset: -0.678 ms
Remote clock offset: -19.897 ms

Below is generated by plot.py at 2018-02-20 17:51:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.83 Mbit/s
95th percentile per-packet one-way delay: 26.448 ms
Loss rate: 23.20%
-- Flow 1:
Average throughput: 58.59 Mbit/s
95th percentile per-packet one-way delay: 25.989 ms
Loss rate: 21.05%
-- Flow 2:
Average throughput: 33.75 Mbit/s
95th percentile per-packet one-way delay: 27.594 ms
Loss rate: 28.74%
-- Flow 3:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 25.167 ms
Loss rate: 20.33%

Run 3: Report of Verus — Data Link

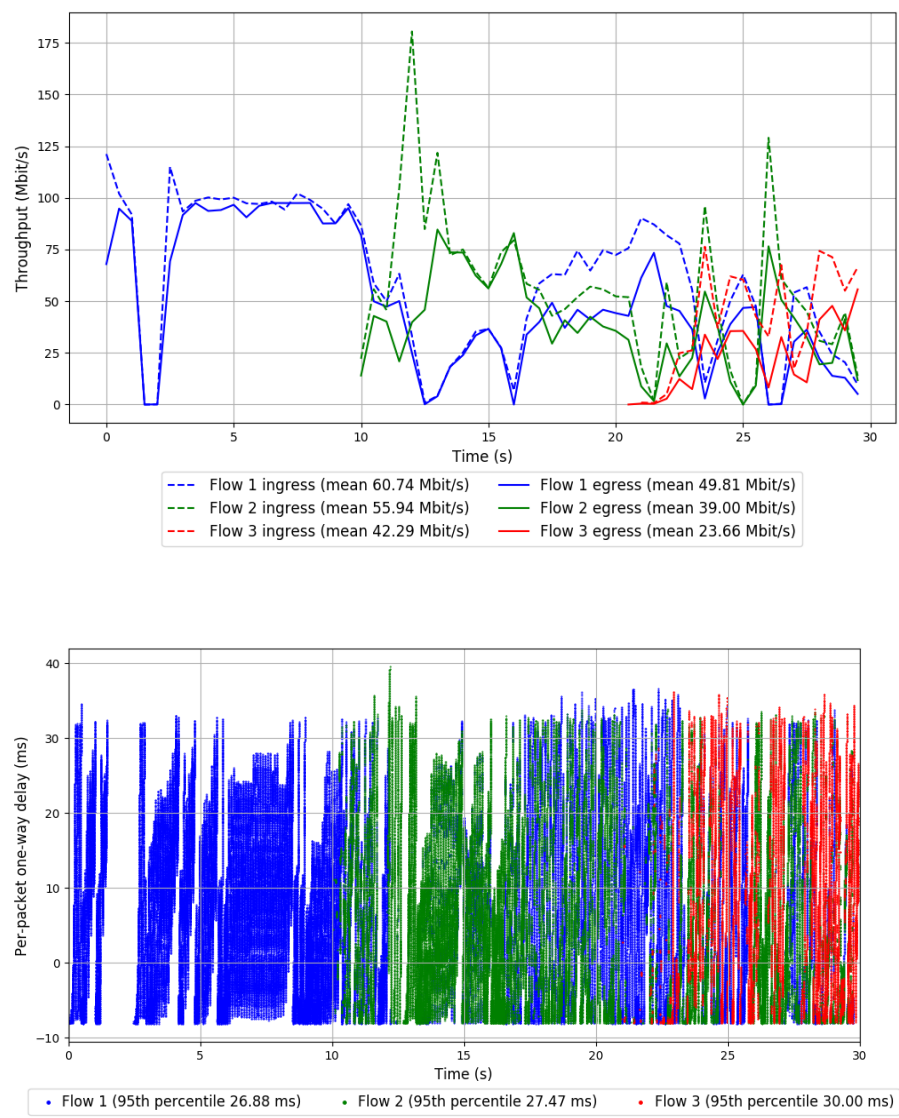


Run 4: Statistics of Verus

Start at: 2018-02-20 14:45:31
End at: 2018-02-20 14:46:01
Local clock offset: 2.506 ms
Remote clock offset: -18.619 ms

Below is generated by plot.py at 2018-02-20 17:51:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.27 Mbit/s
95th percentile per-packet one-way delay: 27.488 ms
Loss rate: 25.18%
-- Flow 1:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 26.881 ms
Loss rate: 18.05%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 27.469 ms
Loss rate: 30.41%
-- Flow 3:
Average throughput: 23.66 Mbit/s
95th percentile per-packet one-way delay: 29.998 ms
Loss rate: 43.94%

Run 4: Report of Verus — Data Link

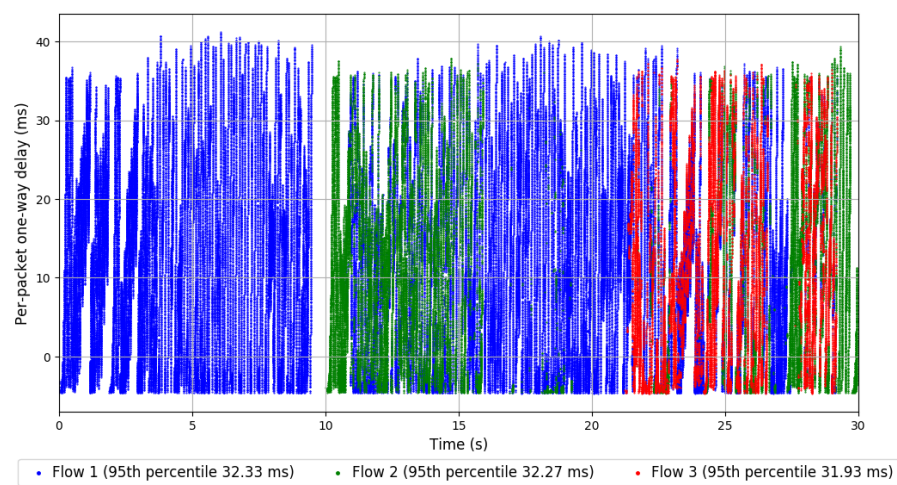
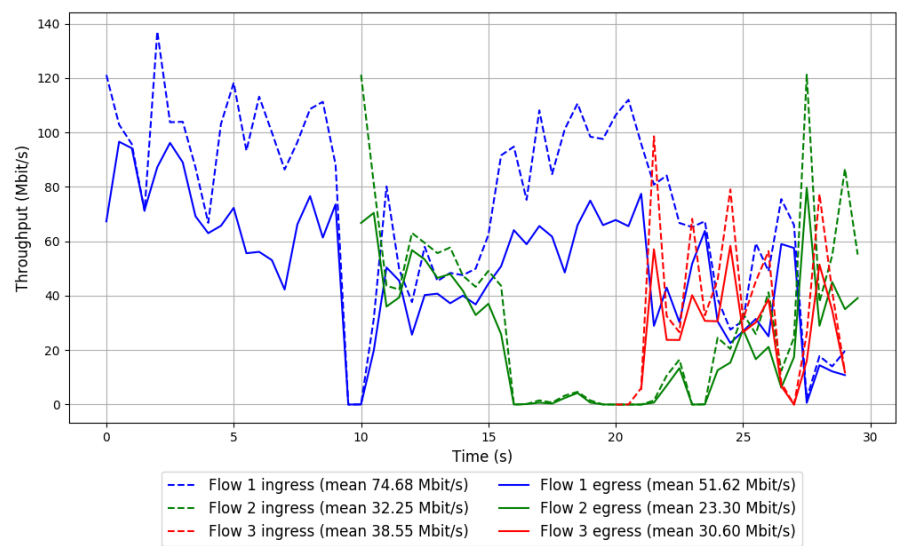


Run 5: Statistics of Verus

Start at: 2018-02-20 15:07:13
End at: 2018-02-20 15:07:43
Local clock offset: -1.116 ms
Remote clock offset: -11.904 ms

Below is generated by plot.py at 2018-02-20 17:52:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.93 Mbit/s
95th percentile per-packet one-way delay: 32.280 ms
Loss rate: 30.06%
-- Flow 1:
Average throughput: 51.62 Mbit/s
95th percentile per-packet one-way delay: 32.331 ms
Loss rate: 30.87%
-- Flow 2:
Average throughput: 23.30 Mbit/s
95th percentile per-packet one-way delay: 32.268 ms
Loss rate: 27.74%
-- Flow 3:
Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 31.935 ms
Loss rate: 29.27%

Run 5: Report of Verus — Data Link

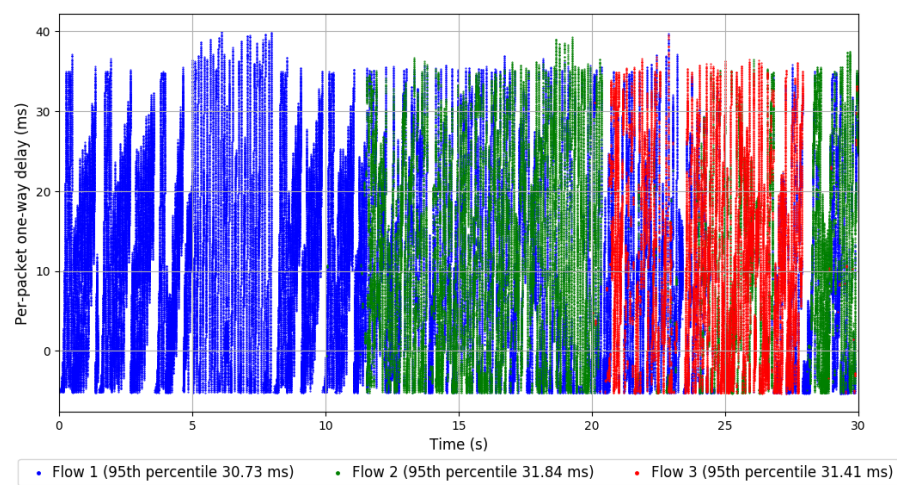
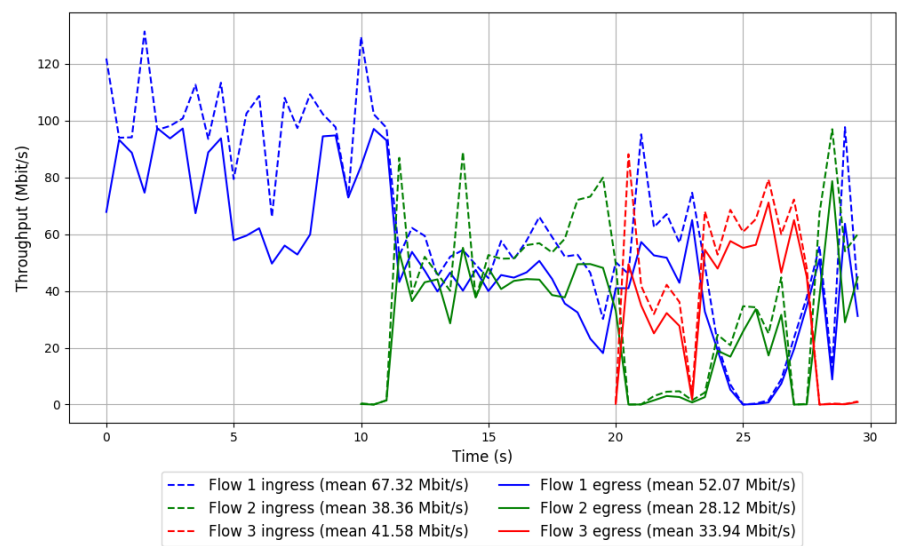


Run 6: Statistics of Verus

Start at: 2018-02-20 15:28:54
End at: 2018-02-20 15:29:24
Local clock offset: -0.285 ms
Remote clock offset: -9.178 ms

Below is generated by plot.py at 2018-02-20 17:52:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.99 Mbit/s
95th percentile per-packet one-way delay: 31.140 ms
Loss rate: 22.96%
-- Flow 1:
Average throughput: 52.07 Mbit/s
95th percentile per-packet one-way delay: 30.729 ms
Loss rate: 22.57%
-- Flow 2:
Average throughput: 28.12 Mbit/s
95th percentile per-packet one-way delay: 31.841 ms
Loss rate: 26.57%
-- Flow 3:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 31.407 ms
Loss rate: 18.14%

Run 6: Report of Verus — Data Link

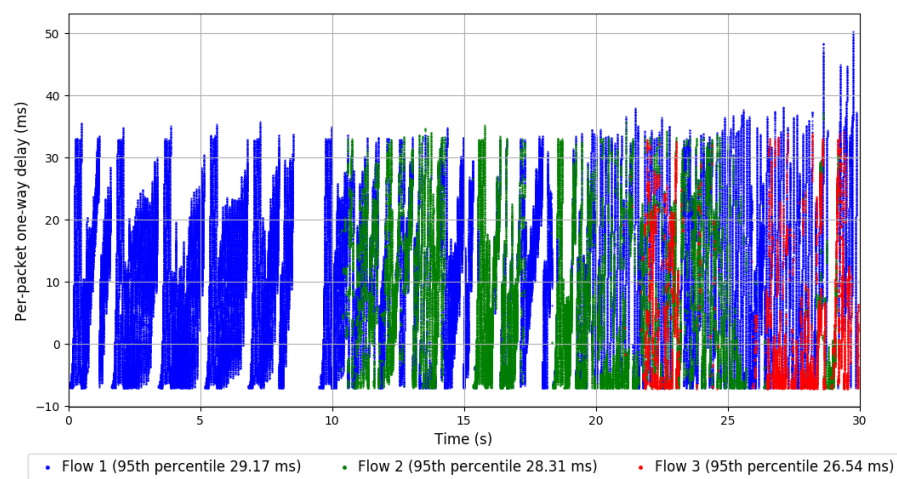
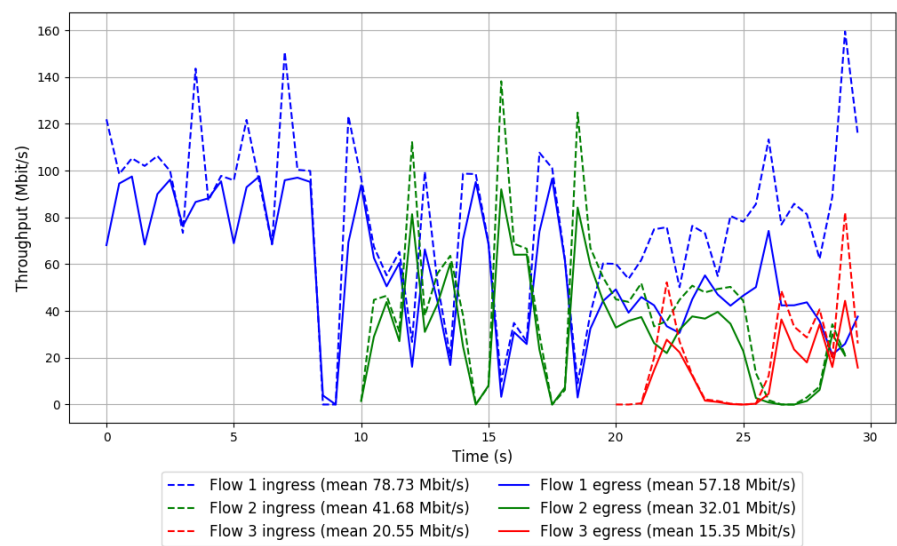


Run 7: Statistics of Verus

Start at: 2018-02-20 15:50:53
End at: 2018-02-20 15:51:23
Local clock offset: 0.582 ms
Remote clock offset: -6.493 ms

Below is generated by plot.py at 2018-02-20 17:52:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.82 Mbit/s
95th percentile per-packet one-way delay: 28.872 ms
Loss rate: 26.67%
-- Flow 1:
Average throughput: 57.18 Mbit/s
95th percentile per-packet one-way delay: 29.167 ms
Loss rate: 27.28%
-- Flow 2:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 28.312 ms
Loss rate: 23.21%
-- Flow 3:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 26.538 ms
Loss rate: 32.98%

Run 7: Report of Verus — Data Link

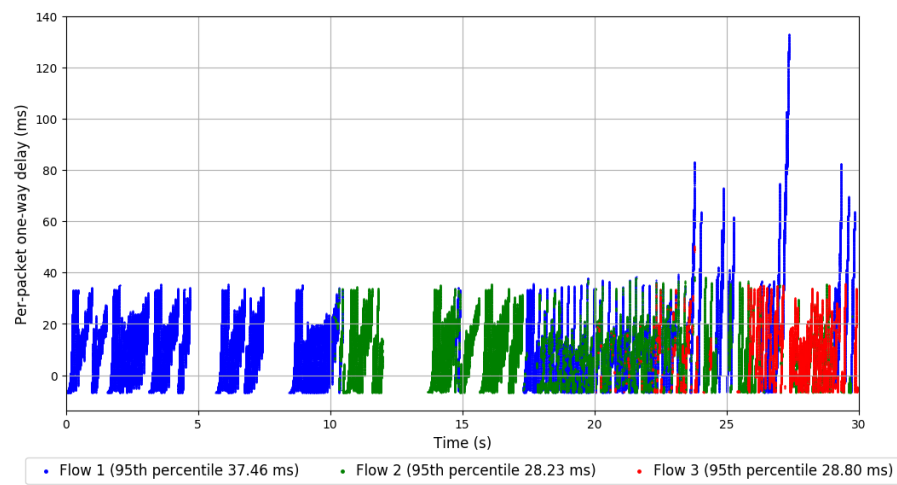
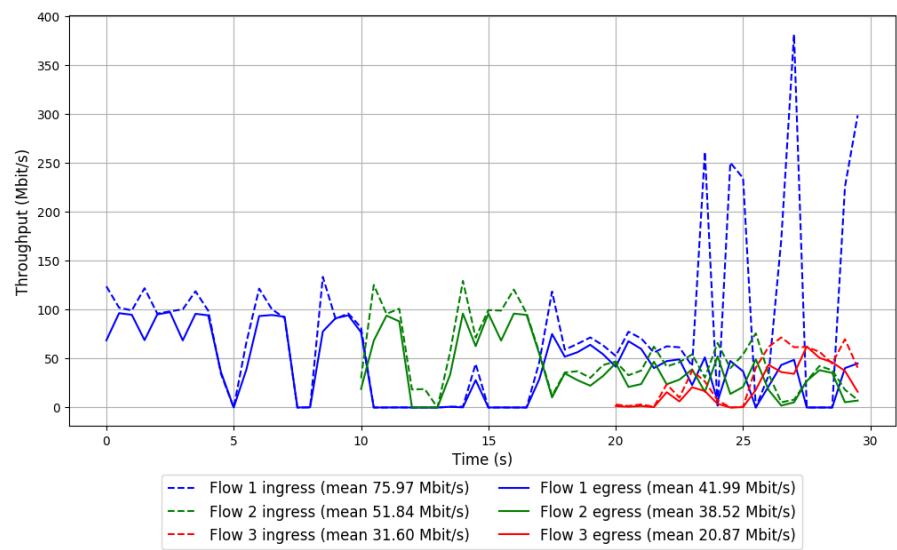


Run 8: Statistics of Verus

Start at: 2018-02-20 16:12:45
End at: 2018-02-20 16:13:15
Local clock offset: -3.991 ms
Remote clock offset: -21.961 ms

Below is generated by plot.py at 2018-02-20 17:52:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.11 Mbit/s
95th percentile per-packet one-way delay: 31.888 ms
Loss rate: 38.36%
-- Flow 1:
Average throughput: 41.99 Mbit/s
95th percentile per-packet one-way delay: 37.461 ms
Loss rate: 44.63%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 28.232 ms
Loss rate: 25.86%
-- Flow 3:
Average throughput: 20.87 Mbit/s
95th percentile per-packet one-way delay: 28.800 ms
Loss rate: 33.94%

Run 8: Report of Verus — Data Link

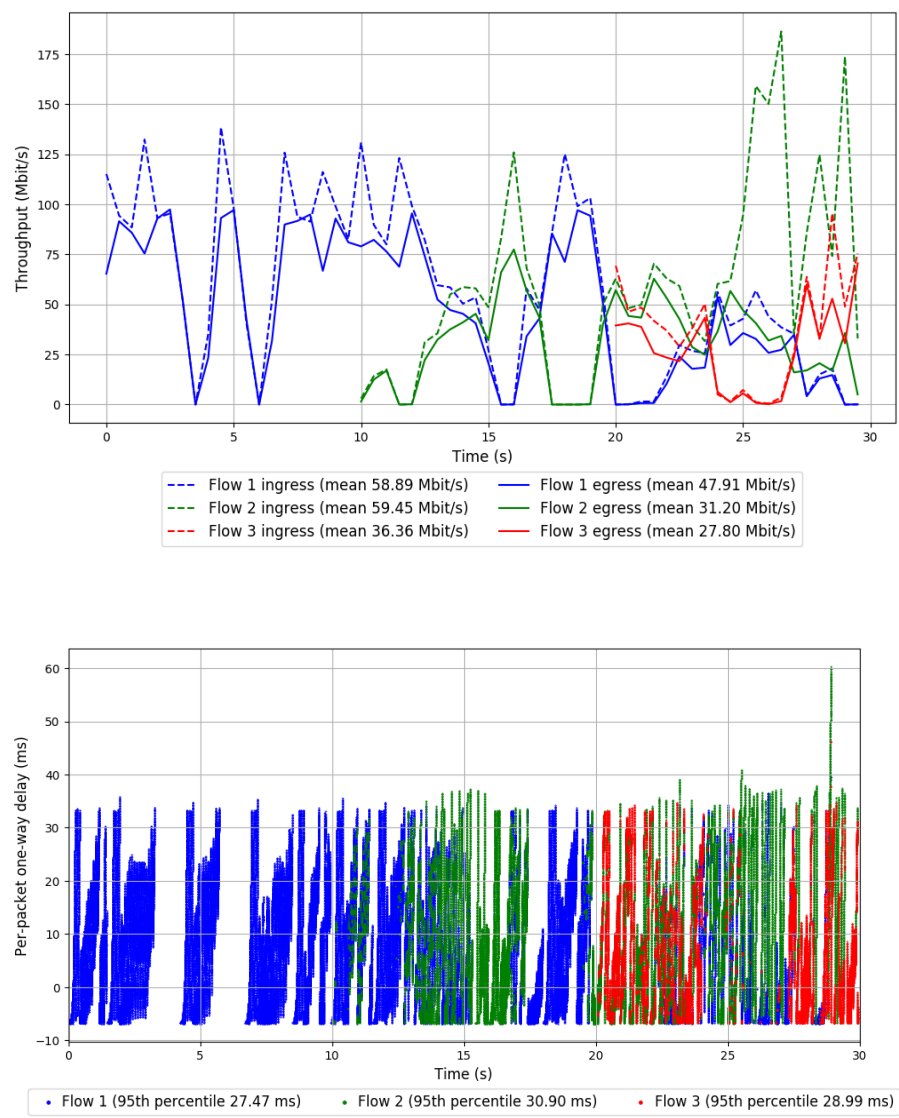


Run 9: Statistics of Verus

Start at: 2018-02-20 16:35:01
End at: 2018-02-20 16:35:31
Local clock offset: -3.853 ms
Remote clock offset: -24.821 ms

Below is generated by plot.py at 2018-02-20 17:52:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 28.725 ms
Loss rate: 29.47%
-- Flow 1:
Average throughput: 47.91 Mbit/s
95th percentile per-packet one-way delay: 27.474 ms
Loss rate: 18.65%
-- Flow 2:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 30.904 ms
Loss rate: 47.44%
-- Flow 3:
Average throughput: 27.80 Mbit/s
95th percentile per-packet one-way delay: 28.993 ms
Loss rate: 23.53%

Run 9: Report of Verus — Data Link

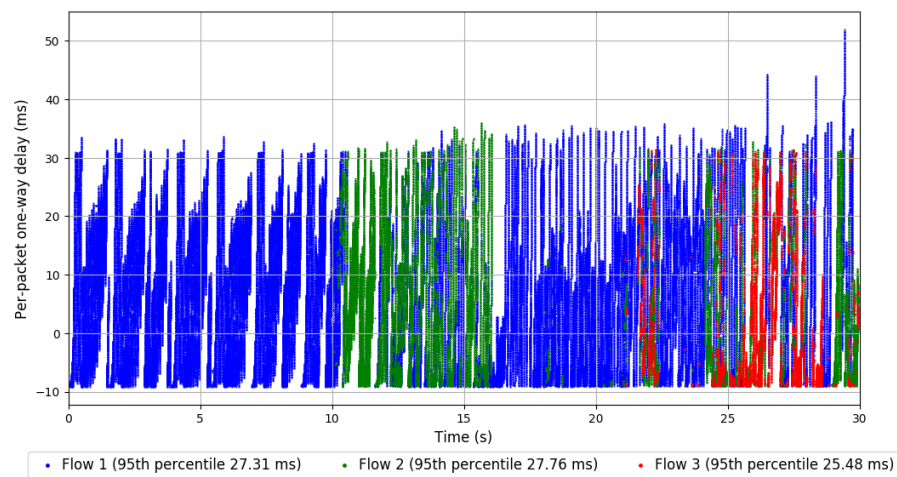
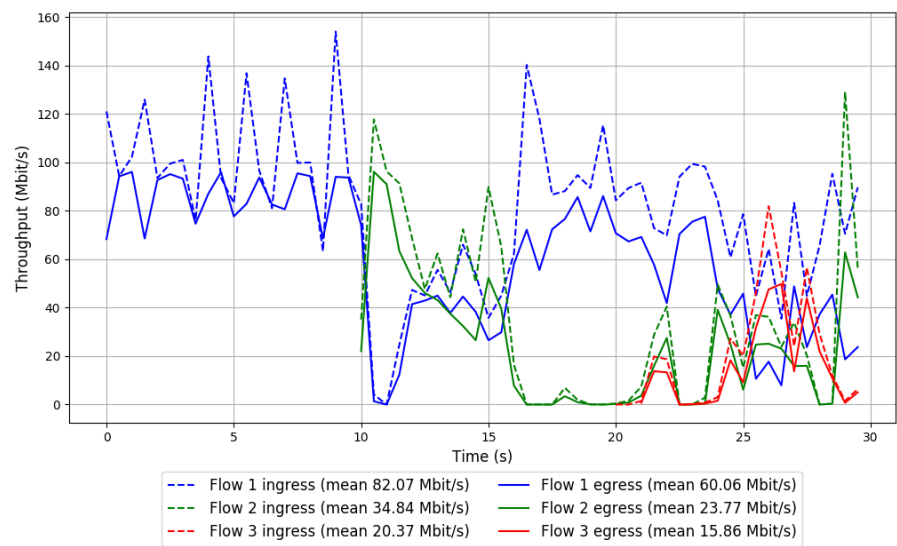


Run 10: Statistics of Verus

Start at: 2018-02-20 16:56:53
End at: 2018-02-20 16:57:23
Local clock offset: 2.767 ms
Remote clock offset: -29.134 ms

Below is generated by plot.py at 2018-02-20 17:52:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.56 Mbit/s
95th percentile per-packet one-way delay: 27.326 ms
Loss rate: 28.03%
-- Flow 1:
Average throughput: 60.06 Mbit/s
95th percentile per-packet one-way delay: 27.312 ms
Loss rate: 26.80%
-- Flow 2:
Average throughput: 23.77 Mbit/s
95th percentile per-packet one-way delay: 27.759 ms
Loss rate: 31.80%
-- Flow 3:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 25.485 ms
Loss rate: 30.08%

Run 10: Report of Verus — Data Link

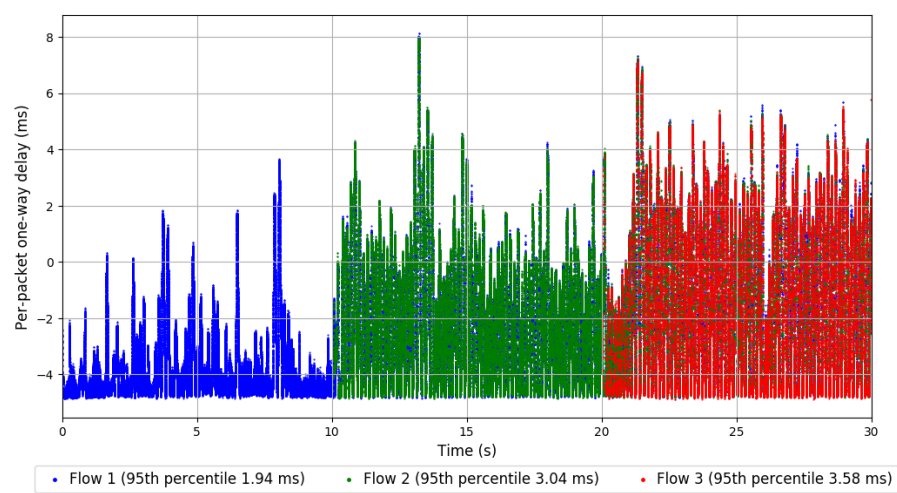
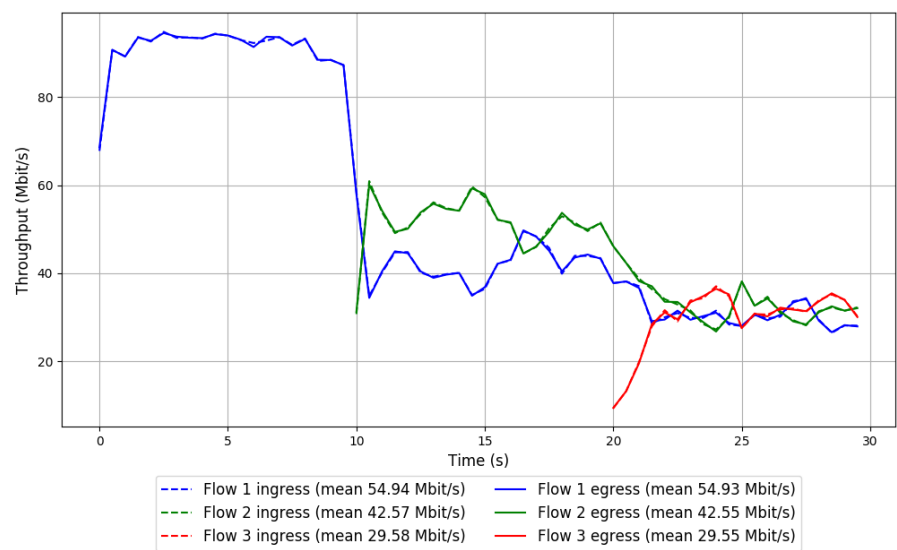


Run 1: Statistics of Copa

Start at: 2018-02-20 13:43:40
End at: 2018-02-20 13:44:10
Local clock offset: 0.925 ms
Remote clock offset: -17.863 ms

Below is generated by plot.py at 2018-02-20 17:54:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 2.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 1.941 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.55 Mbit/s
95th percentile per-packet one-way delay: 3.040 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.55 Mbit/s
95th percentile per-packet one-way delay: 3.581 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

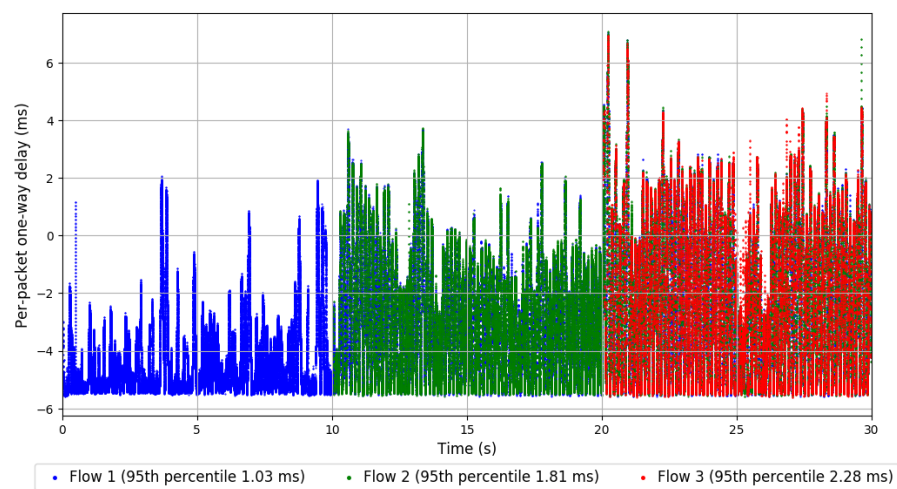
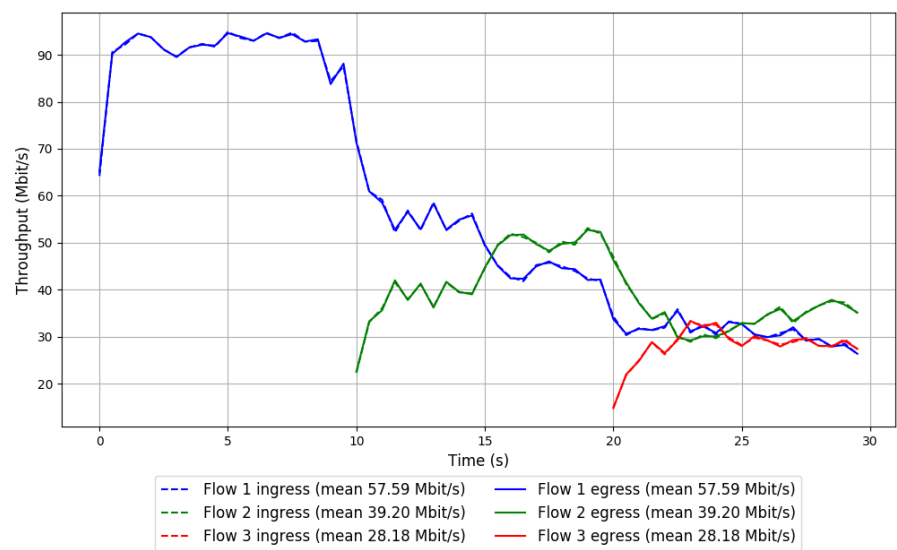


Run 2: Statistics of Copa

Start at: 2018-02-20 14:05:16
End at: 2018-02-20 14:05:46
Local clock offset: -4.405 ms
Remote clock offset: -18.357 ms

Below is generated by plot.py at 2018-02-20 17:54:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 1.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.59 Mbit/s
95th percentile per-packet one-way delay: 1.035 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.20 Mbit/s
95th percentile per-packet one-way delay: 1.809 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.18 Mbit/s
95th percentile per-packet one-way delay: 2.281 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

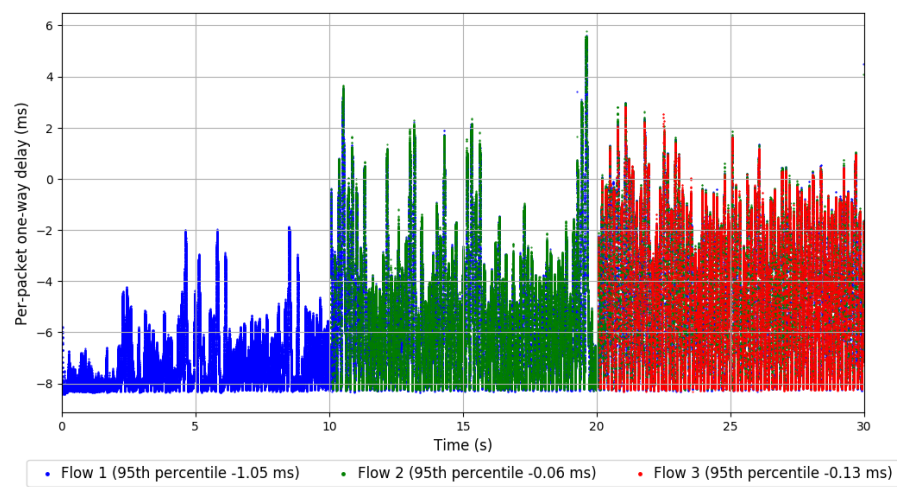
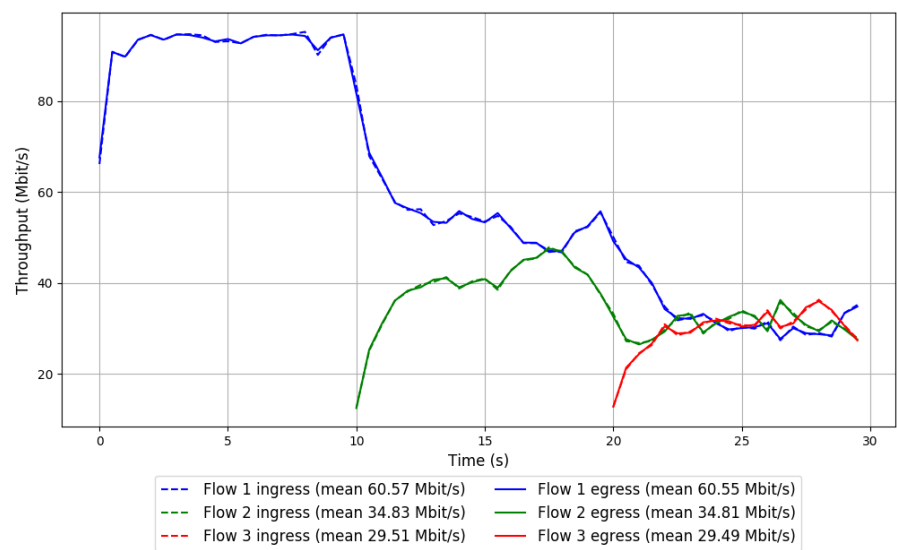


Run 3: Statistics of Copa

Start at: 2018-02-20 14:27:04
End at: 2018-02-20 14:27:34
Local clock offset: 0.566 ms
Remote clock offset: -18.559 ms

Below is generated by plot.py at 2018-02-20 17:54:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: -0.606 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.55 Mbit/s
95th percentile per-packet one-way delay: -1.052 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: -0.060 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: -0.131 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

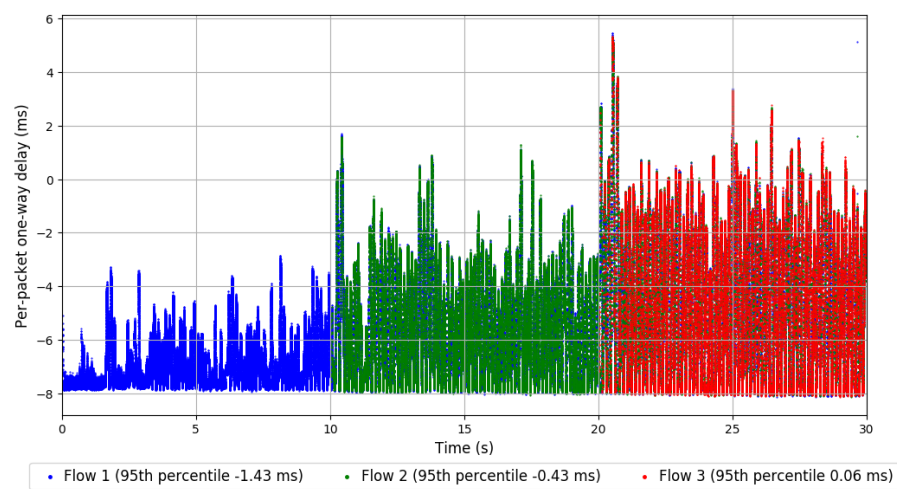
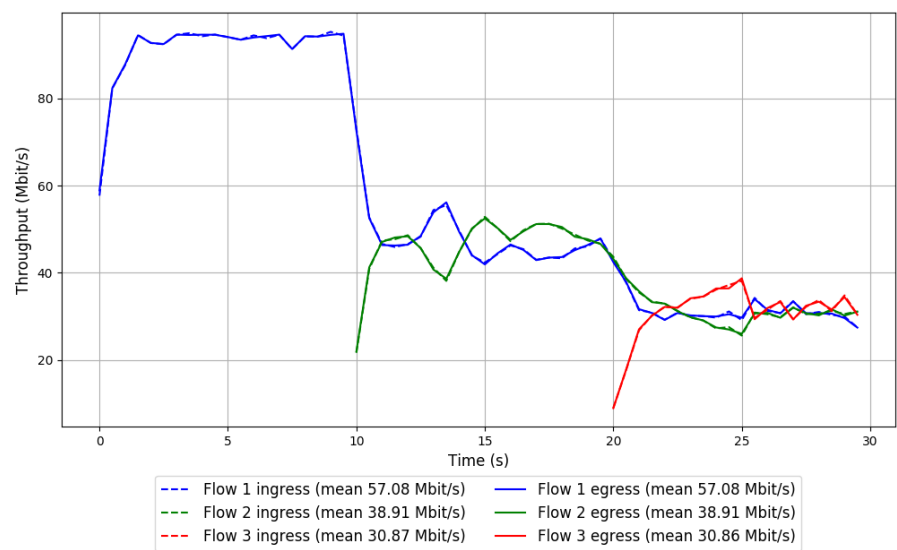


Run 4: Statistics of Copa

Start at: 2018-02-20 14:49:08
End at: 2018-02-20 14:49:38
Local clock offset: 2.558 ms
Remote clock offset: -17.154 ms

Below is generated by plot.py at 2018-02-20 17:54:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: -0.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.08 Mbit/s
95th percentile per-packet one-way delay: -1.428 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.91 Mbit/s
95th percentile per-packet one-way delay: -0.427 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 0.061 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

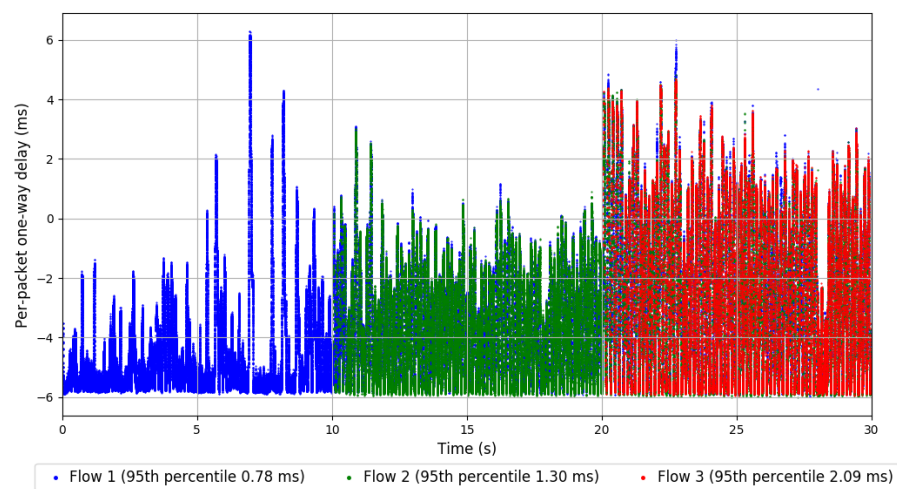
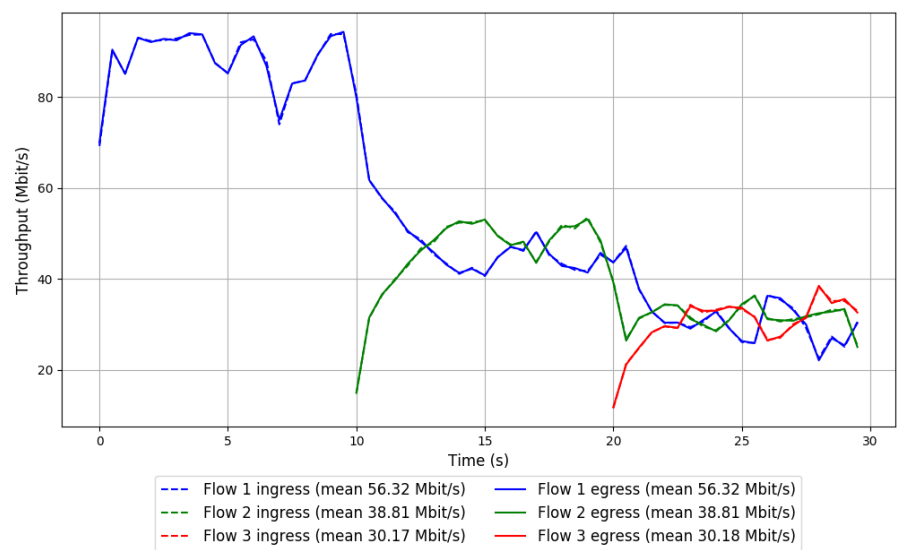


Run 5: Statistics of Copa

Start at: 2018-02-20 15:10:51
End at: 2018-02-20 15:11:21
Local clock offset: -0.808 ms
Remote clock offset: -12.392 ms

Below is generated by plot.py at 2018-02-20 17:55:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.18 Mbit/s
95th percentile per-packet one-way delay: 1.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.32 Mbit/s
95th percentile per-packet one-way delay: 0.784 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.81 Mbit/s
95th percentile per-packet one-way delay: 1.304 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.18 Mbit/s
95th percentile per-packet one-way delay: 2.086 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

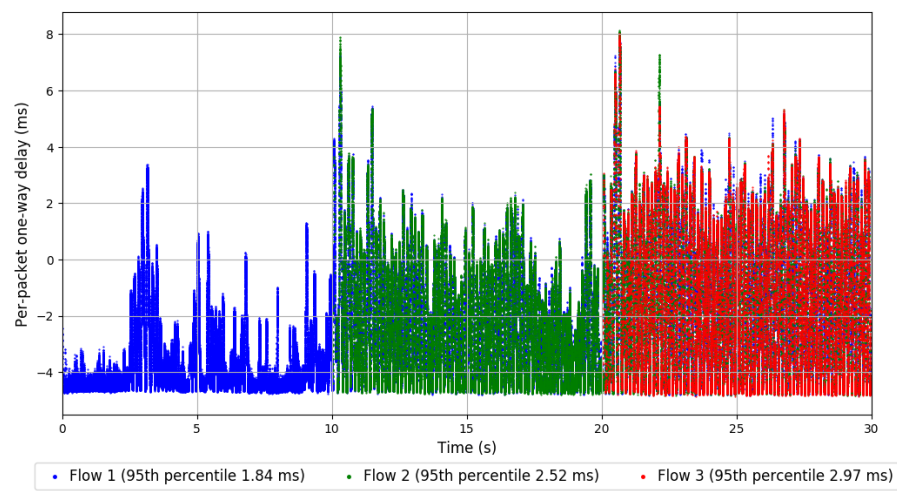
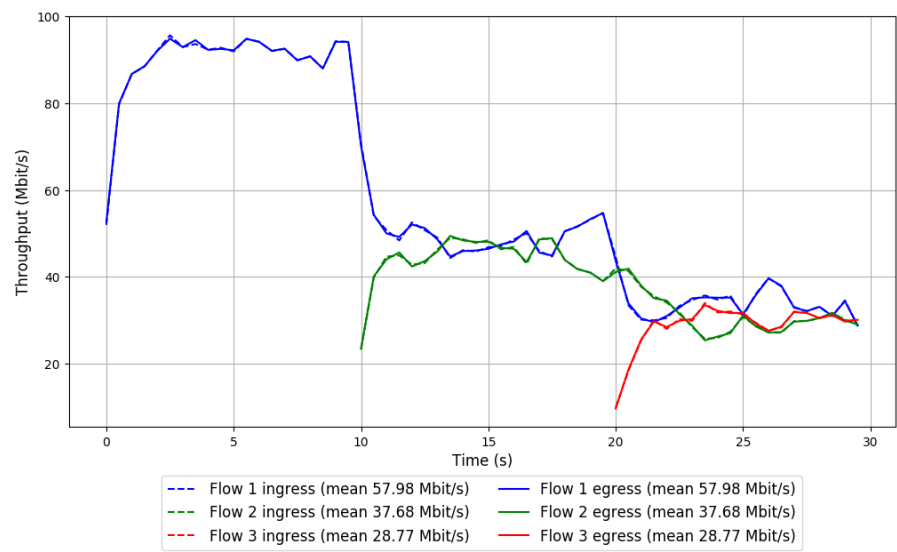


Run 6: Statistics of Copa

Start at: 2018-02-20 15:32:33
End at: 2018-02-20 15:33:03
Local clock offset: -0.591 ms
Remote clock offset: -8.102 ms

Below is generated by plot.py at 2018-02-20 17:55:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.62 Mbit/s
95th percentile per-packet one-way delay: 2.284 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 1.844 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 2.519 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 2.972 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

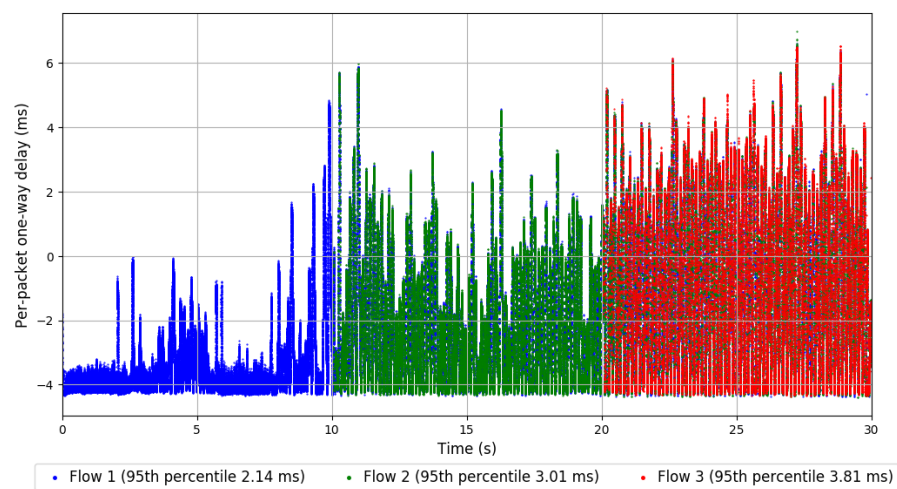
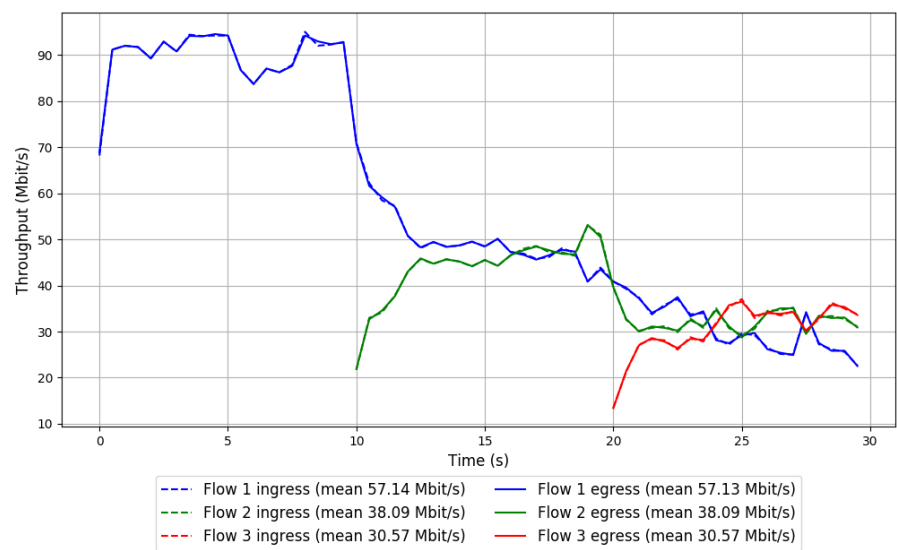


Run 7: Statistics of Copa

Start at: 2018-02-20 15:54:32
End at: 2018-02-20 15:55:02
Local clock offset: -1.44 ms
Remote clock offset: -5.269 ms

Below is generated by plot.py at 2018-02-20 17:55:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 2.765 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 2.141 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.09 Mbit/s
95th percentile per-packet one-way delay: 3.007 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 3.811 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

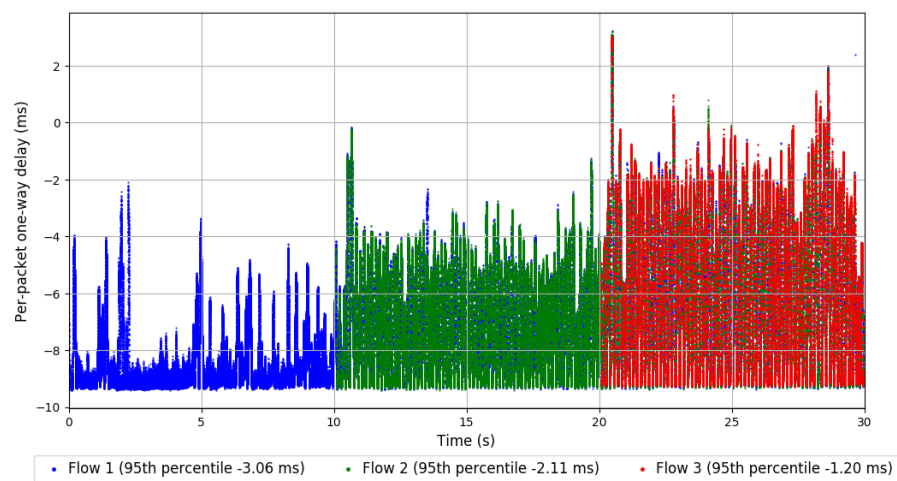
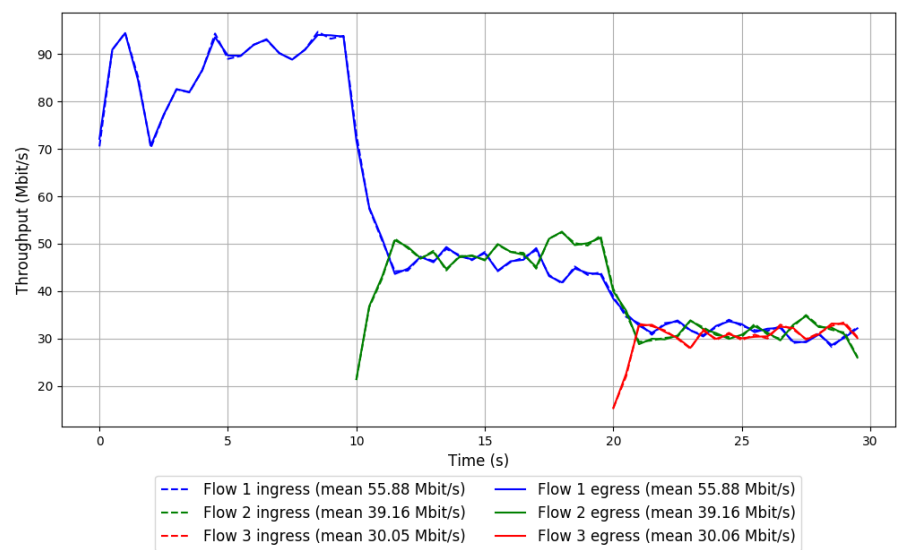


Run 8: Statistics of Copa

Start at: 2018-02-20 16:16:29
End at: 2018-02-20 16:16:59
Local clock offset: -2.136 ms
Remote clock offset: -23.435 ms

Below is generated by plot.py at 2018-02-20 17:55:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.94 Mbit/s
95th percentile per-packet one-way delay: -2.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: -3.056 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.16 Mbit/s
95th percentile per-packet one-way delay: -2.111 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.06 Mbit/s
95th percentile per-packet one-way delay: -1.204 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

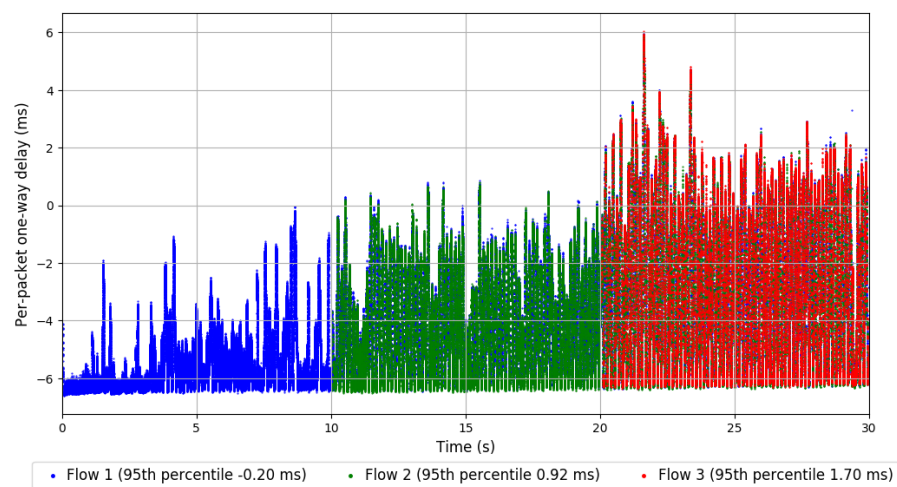
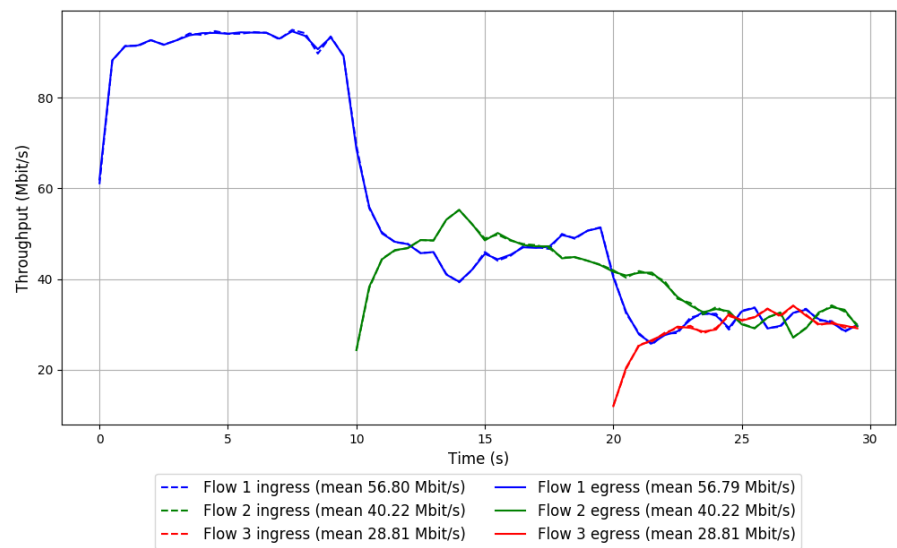


Run 9: Statistics of Copa

Start at: 2018-02-20 16:38:40
End at: 2018-02-20 16:39:10
Local clock offset: -3.582 ms
Remote clock offset: -26.014 ms

Below is generated by plot.py at 2018-02-20 17:56:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 0.648 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.79 Mbit/s
95th percentile per-packet one-way delay: -0.204 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.22 Mbit/s
95th percentile per-packet one-way delay: 0.917 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 1.697 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

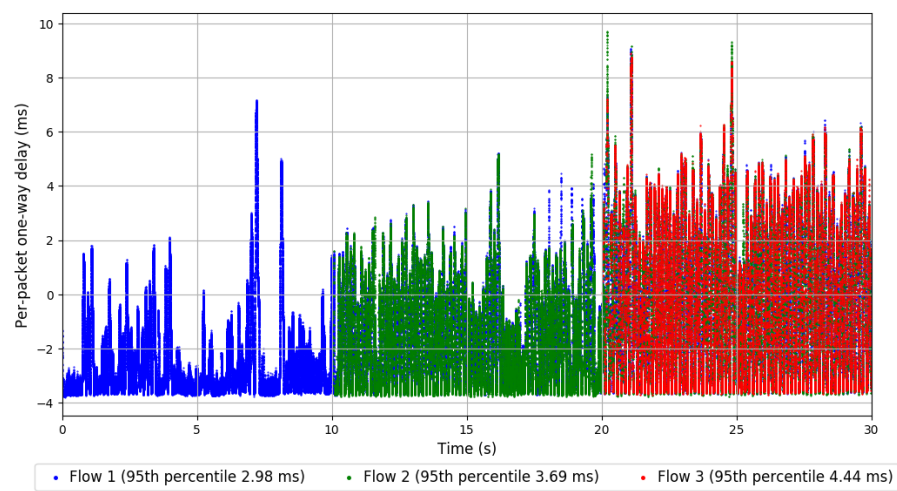
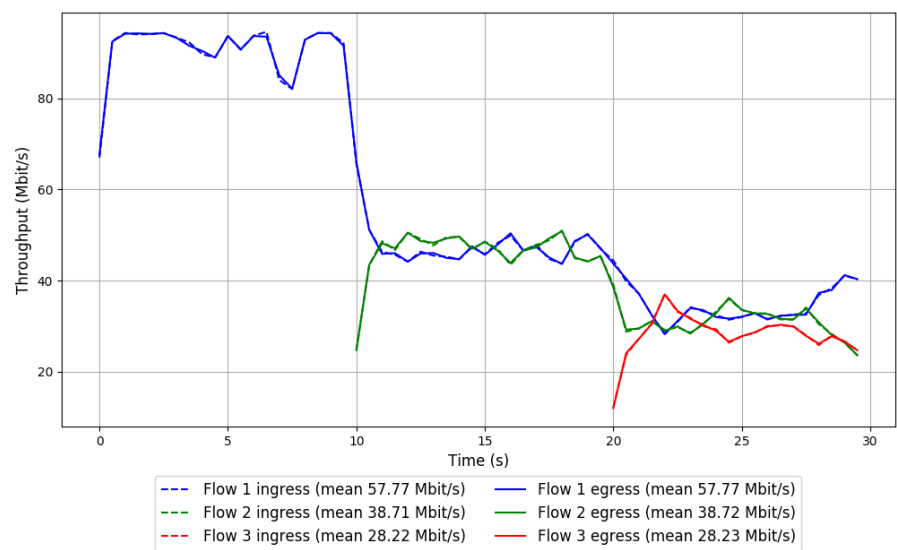


Run 10: Statistics of Copa

Start at: 2018-02-20 17:00:30
End at: 2018-02-20 17:01:00
Local clock offset: -0.613 ms
Remote clock offset: -28.006 ms

Below is generated by plot.py at 2018-02-20 17:56:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 3.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.77 Mbit/s
95th percentile per-packet one-way delay: 2.979 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 3.690 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 4.442 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

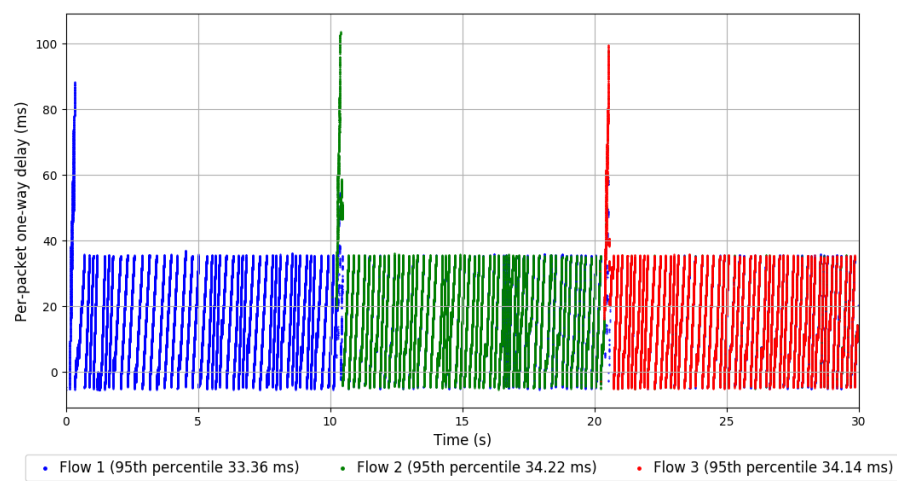
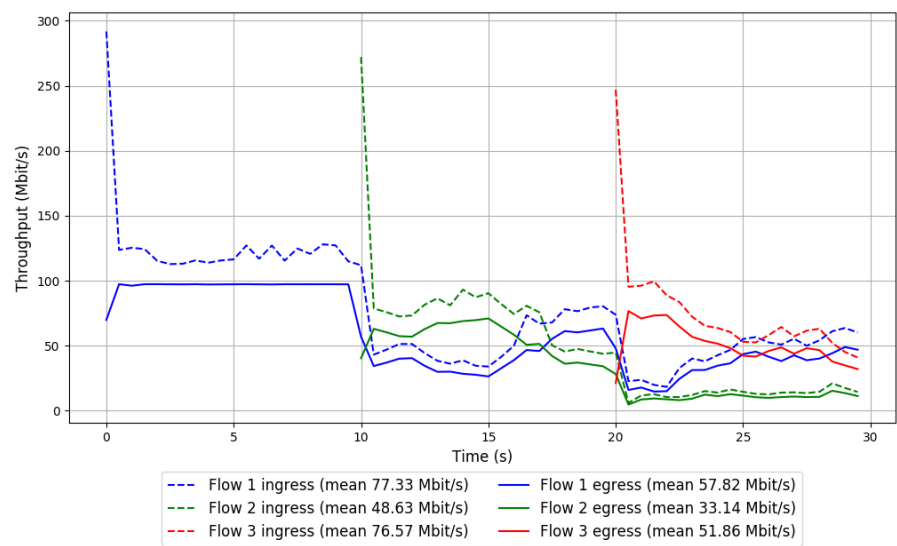


Run 1: Statistics of FillP

Start at: 2018-02-20 13:35:02
End at: 2018-02-20 13:35:32
Local clock offset: -0.601 ms
Remote clock offset: -18.887 ms

Below is generated by plot.py at 2018-02-20 17:56:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 33.704 ms
Loss rate: 28.31%
-- Flow 1:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 33.361 ms
Loss rate: 25.16%
-- Flow 2:
Average throughput: 33.14 Mbit/s
95th percentile per-packet one-way delay: 34.219 ms
Loss rate: 31.84%
-- Flow 3:
Average throughput: 51.86 Mbit/s
95th percentile per-packet one-way delay: 34.141 ms
Loss rate: 33.42%

Run 1: Report of FillP — Data Link

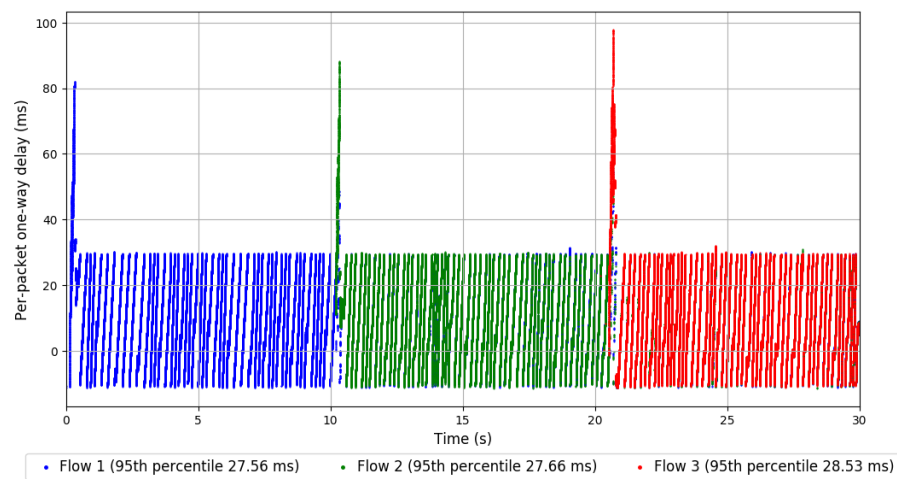
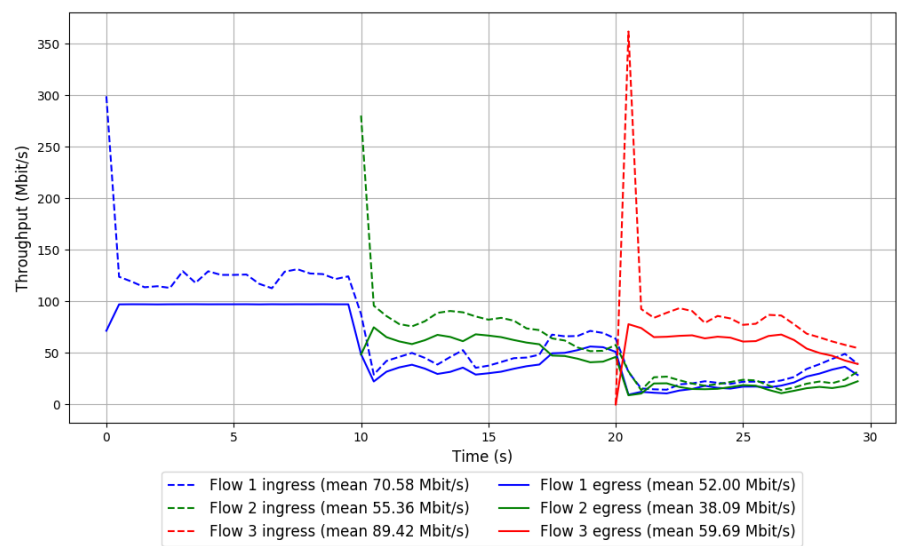


Run 2: Statistics of FillP

Start at: 2018-02-20 13:56:55
End at: 2018-02-20 13:57:25
Local clock offset: 0.238 ms
Remote clock offset: -20.758 ms

Below is generated by plot.py at 2018-02-20 17:56:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 27.774 ms
Loss rate: 29.33%
-- Flow 1:
Average throughput: 52.00 Mbit/s
95th percentile per-packet one-way delay: 27.557 ms
Loss rate: 26.27%
-- Flow 2:
Average throughput: 38.09 Mbit/s
95th percentile per-packet one-way delay: 27.655 ms
Loss rate: 31.15%
-- Flow 3:
Average throughput: 59.69 Mbit/s
95th percentile per-packet one-way delay: 28.530 ms
Loss rate: 34.36%

Run 2: Report of FillP — Data Link

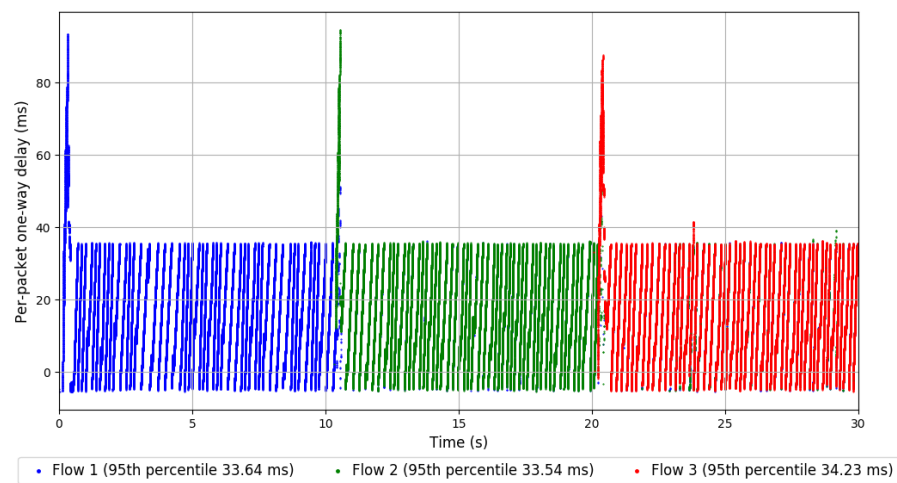
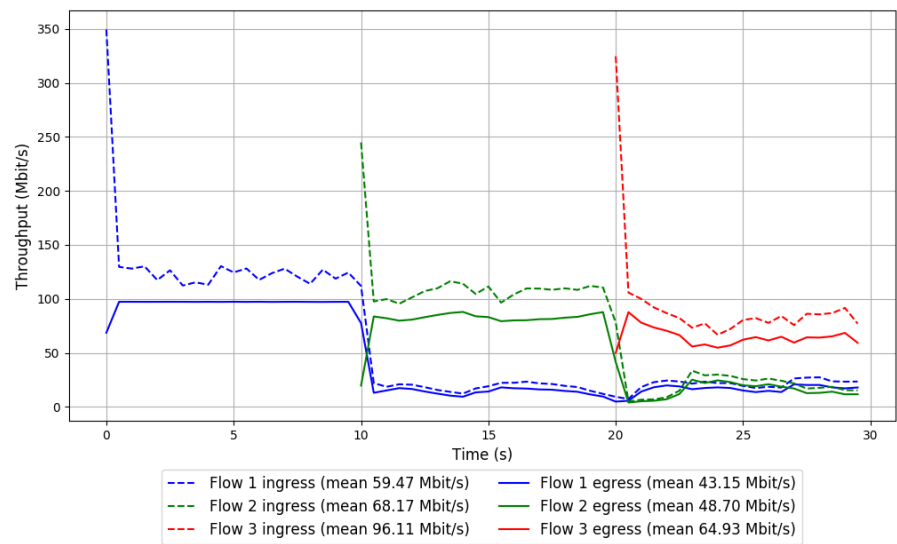


Run 3: Statistics of FillP

Start at: 2018-02-20 14:18:40
End at: 2018-02-20 14:19:10
Local clock offset: -5.123 ms
Remote clock offset: -18.901 ms

Below is generated by plot.py at 2018-02-20 17:56:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 33.731 ms
Loss rate: 29.21%
-- Flow 1:
Average throughput: 43.15 Mbit/s
95th percentile per-packet one-way delay: 33.638 ms
Loss rate: 27.41%
-- Flow 2:
Average throughput: 48.70 Mbit/s
95th percentile per-packet one-way delay: 33.544 ms
Loss rate: 29.17%
-- Flow 3:
Average throughput: 64.93 Mbit/s
95th percentile per-packet one-way delay: 34.227 ms
Loss rate: 32.64%

Run 3: Report of FillP — Data Link

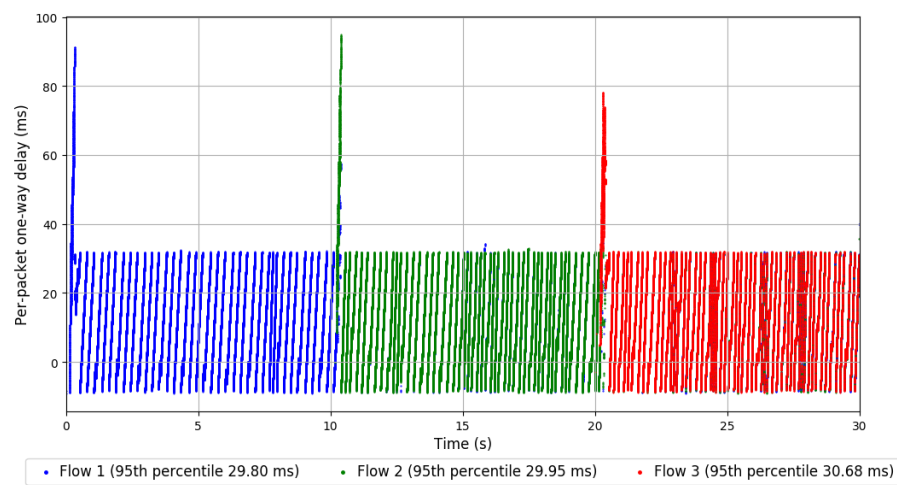
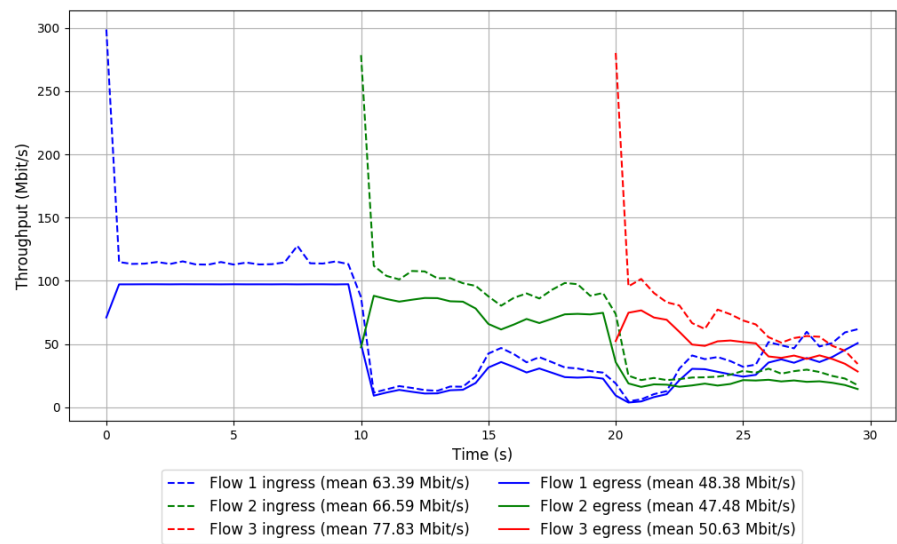


Run 4: Statistics of FillP

Start at: 2018-02-20 14:40:46
End at: 2018-02-20 14:41:16
Local clock offset: 2.308 ms
Remote clock offset: -19.404 ms

Below is generated by plot.py at 2018-02-20 17:57:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 29.984 ms
Loss rate: 27.40%
-- Flow 1:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 29.802 ms
Loss rate: 23.55%
-- Flow 2:
Average throughput: 47.48 Mbit/s
95th percentile per-packet one-way delay: 29.951 ms
Loss rate: 28.64%
-- Flow 3:
Average throughput: 50.63 Mbit/s
95th percentile per-packet one-way delay: 30.677 ms
Loss rate: 34.73%

Run 4: Report of FillP — Data Link

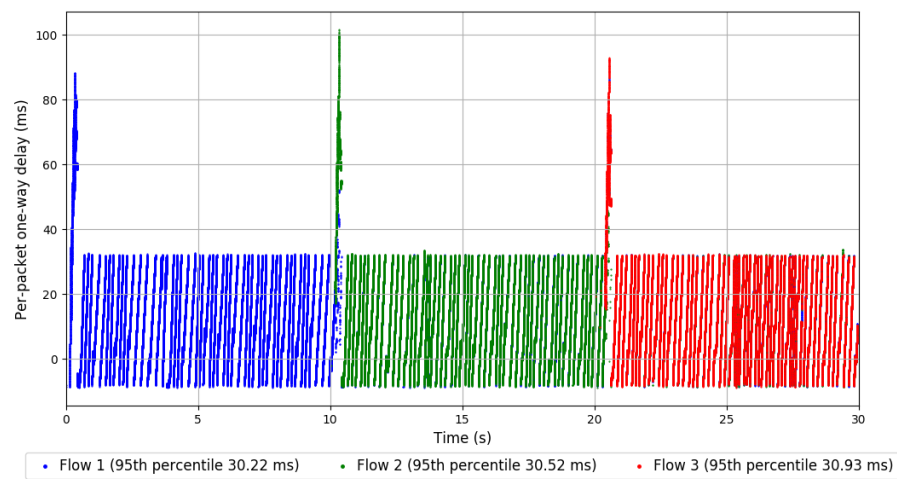
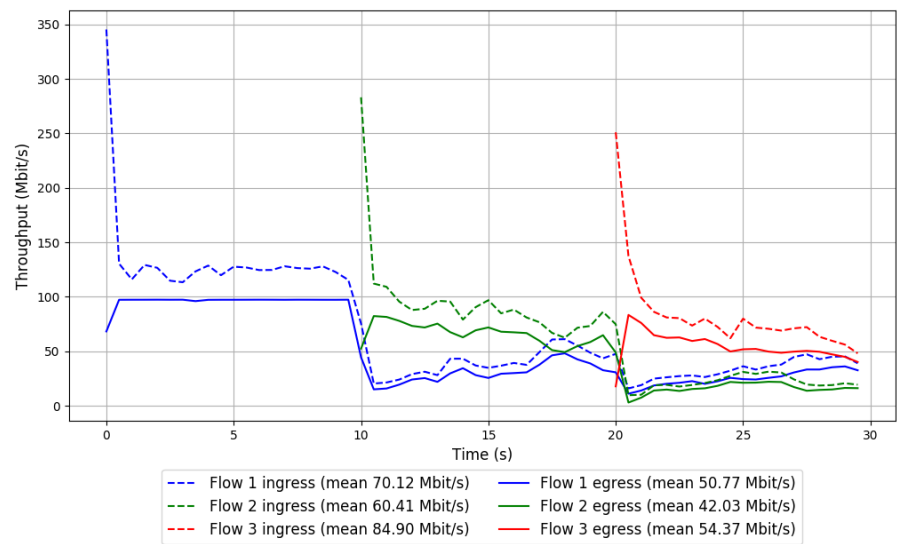


Run 5: Statistics of FillP

Start at: 2018-02-20 15:02:29
End at: 2018-02-20 15:02:59
Local clock offset: 3.223 ms
Remote clock offset: -12.704 ms

Below is generated by plot.py at 2018-02-20 17:57:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 30.426 ms
Loss rate: 30.09%
-- Flow 1:
Average throughput: 50.77 Mbit/s
95th percentile per-packet one-way delay: 30.216 ms
Loss rate: 27.55%
-- Flow 2:
Average throughput: 42.03 Mbit/s
95th percentile per-packet one-way delay: 30.520 ms
Loss rate: 30.39%
-- Flow 3:
Average throughput: 54.37 Mbit/s
95th percentile per-packet one-way delay: 30.931 ms
Loss rate: 36.02%

Run 5: Report of FillP — Data Link

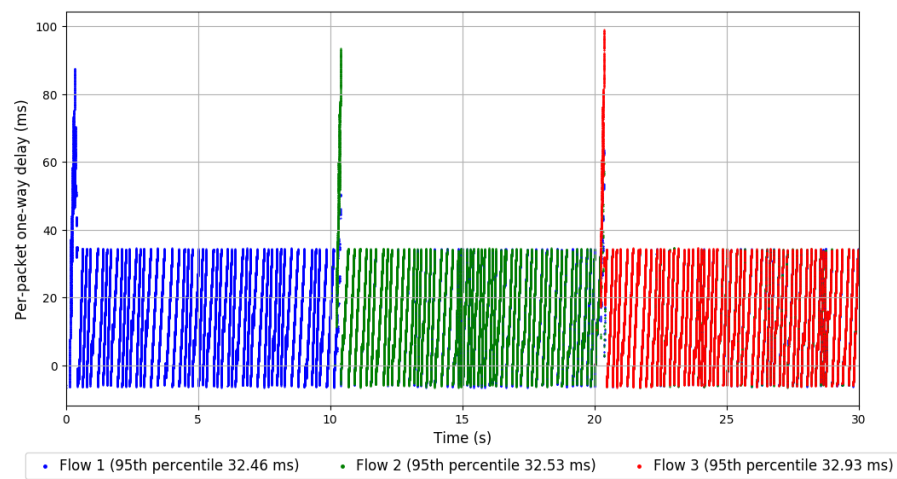
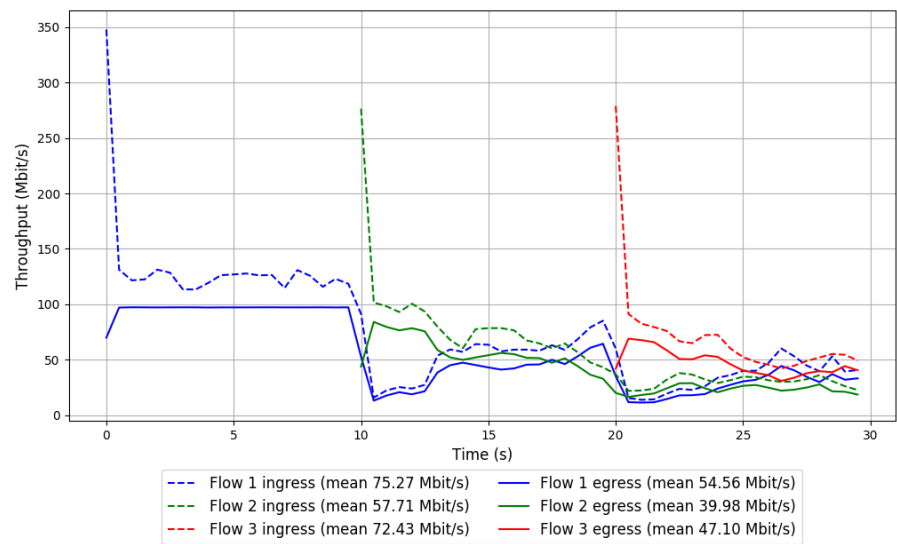


Run 6: Statistics of FillP

Start at: 2018-02-20 15:24:12
End at: 2018-02-20 15:24:42
Local clock offset: 0.991 ms
Remote clock offset: -9.759 ms

Below is generated by plot.py at 2018-02-20 17:57:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 32.557 ms
Loss rate: 29.64%
-- Flow 1:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 32.461 ms
Loss rate: 27.44%
-- Flow 2:
Average throughput: 39.98 Mbit/s
95th percentile per-packet one-way delay: 32.532 ms
Loss rate: 30.70%
-- Flow 3:
Average throughput: 47.10 Mbit/s
95th percentile per-packet one-way delay: 32.933 ms
Loss rate: 34.82%

Run 6: Report of FillP — Data Link

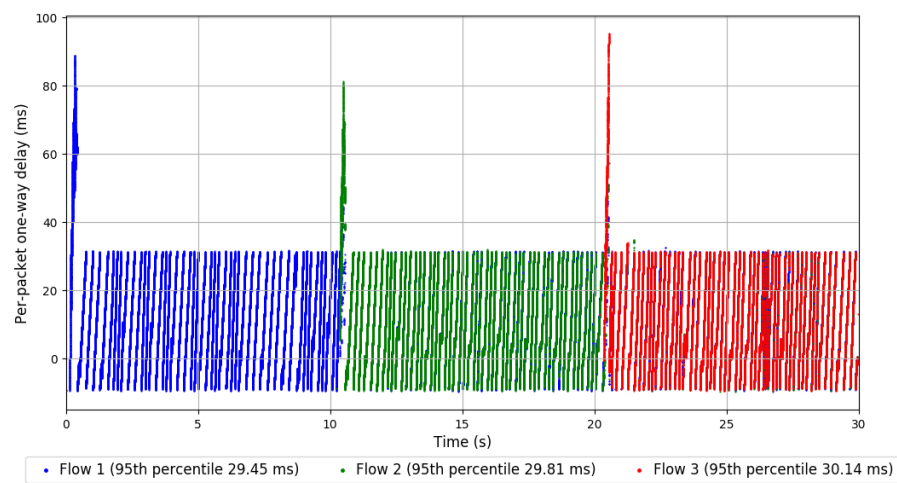
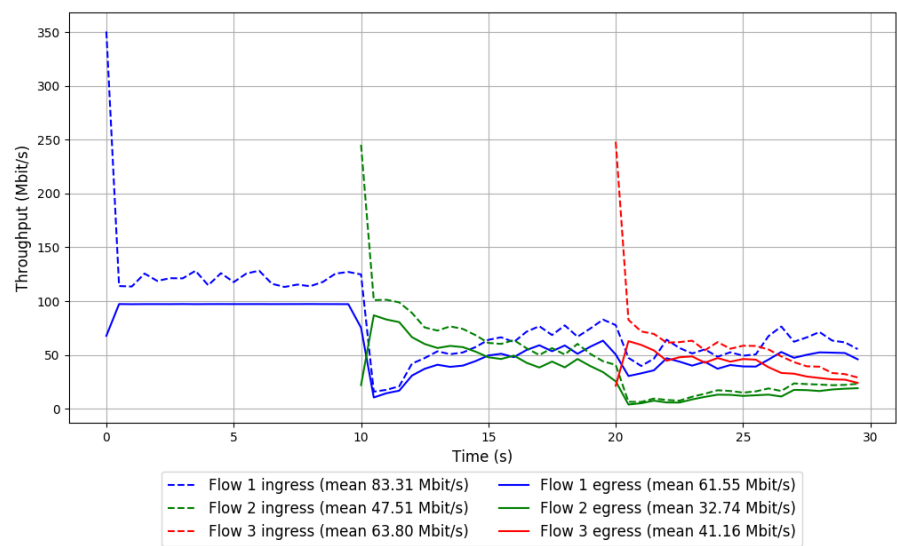


Run 7: Statistics of FillP

Start at: 2018-02-20 15:46:07
End at: 2018-02-20 15:46:37
Local clock offset: 2.527 ms
Remote clock offset: -7.636 ms

Below is generated by plot.py at 2018-02-20 17:58:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 29.620 ms
Loss rate: 28.89%
-- Flow 1:
Average throughput: 61.55 Mbit/s
95th percentile per-packet one-way delay: 29.452 ms
Loss rate: 26.10%
-- Flow 2:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 29.806 ms
Loss rate: 31.17%
-- Flow 3:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 30.140 ms
Loss rate: 36.48%

Run 7: Report of FillP — Data Link

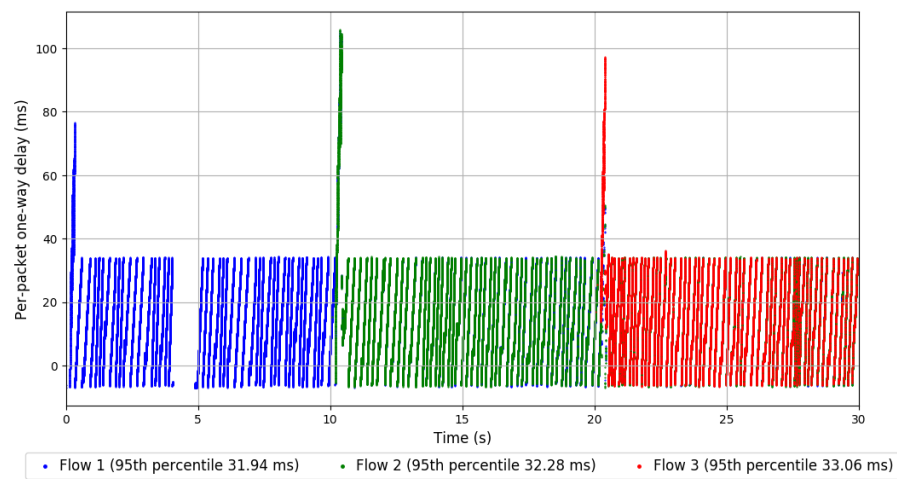
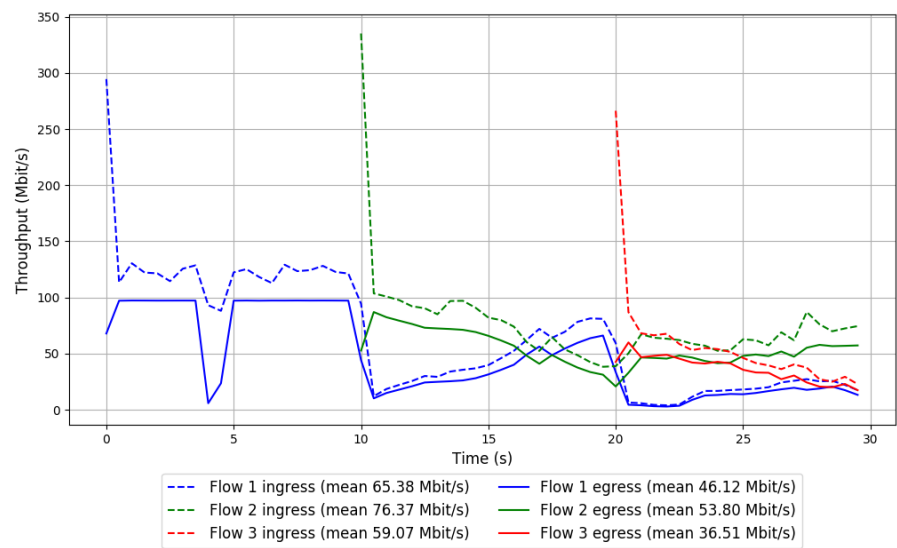


Run 8: Statistics of FillP

Start at: 2018-02-20 16:07:57
End at: 2018-02-20 16:08:27
Local clock offset: 0.176 ms
Remote clock offset: -16.909 ms

Below is generated by plot.py at 2018-02-20 17:58:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 32.211 ms
Loss rate: 30.79%
-- Flow 1:
Average throughput: 46.12 Mbit/s
95th percentile per-packet one-way delay: 31.936 ms
Loss rate: 29.46%
-- Flow 2:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 32.281 ms
Loss rate: 29.59%
-- Flow 3:
Average throughput: 36.51 Mbit/s
95th percentile per-packet one-way delay: 33.064 ms
Loss rate: 38.32%

Run 8: Report of FillP — Data Link

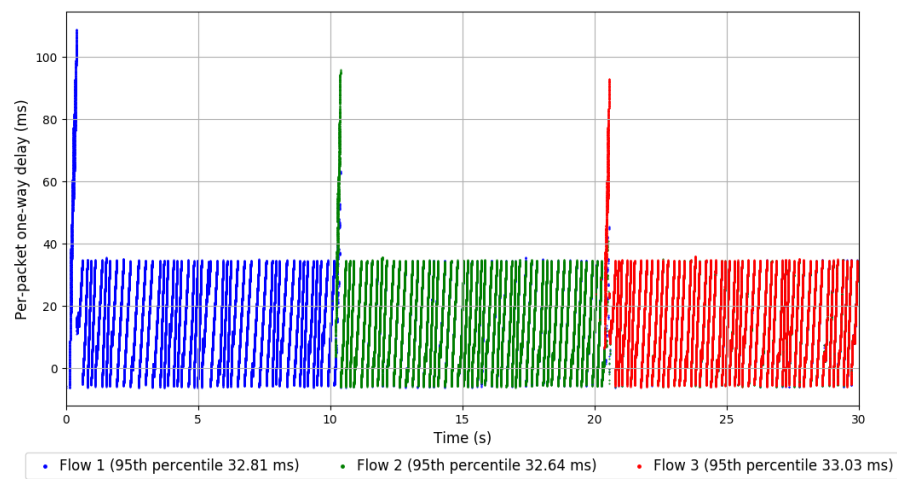
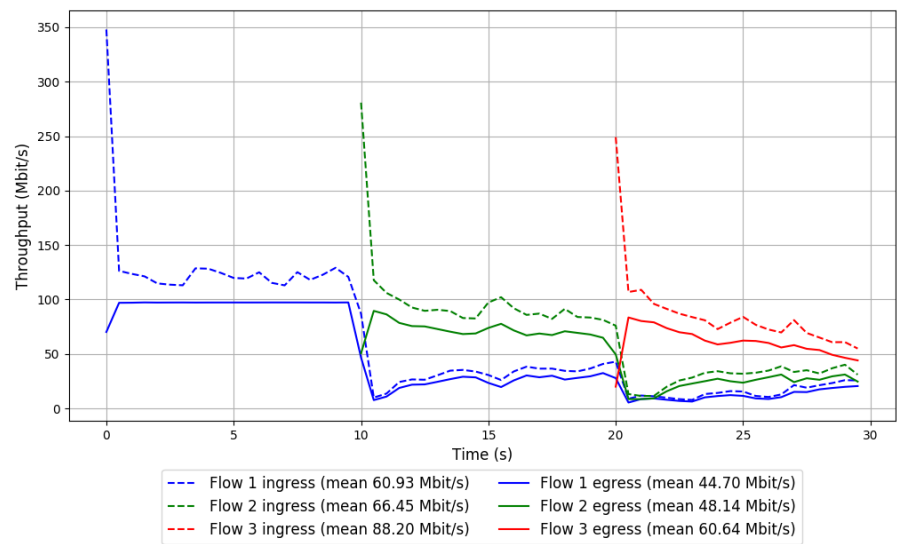


Run 9: Statistics of FillP

Start at: 2018-02-20 16:30:09
End at: 2018-02-20 16:30:39
Local clock offset: -4.676 ms
Remote clock offset: -24.65 ms

Below is generated by plot.py at 2018-02-20 17:58:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 32.799 ms
Loss rate: 27.94%
-- Flow 1:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 32.810 ms
Loss rate: 26.59%
-- Flow 2:
Average throughput: 48.14 Mbit/s
95th percentile per-packet one-way delay: 32.641 ms
Loss rate: 27.56%
-- Flow 3:
Average throughput: 60.64 Mbit/s
95th percentile per-packet one-way delay: 33.032 ms
Loss rate: 31.33%

Run 9: Report of FillP — Data Link

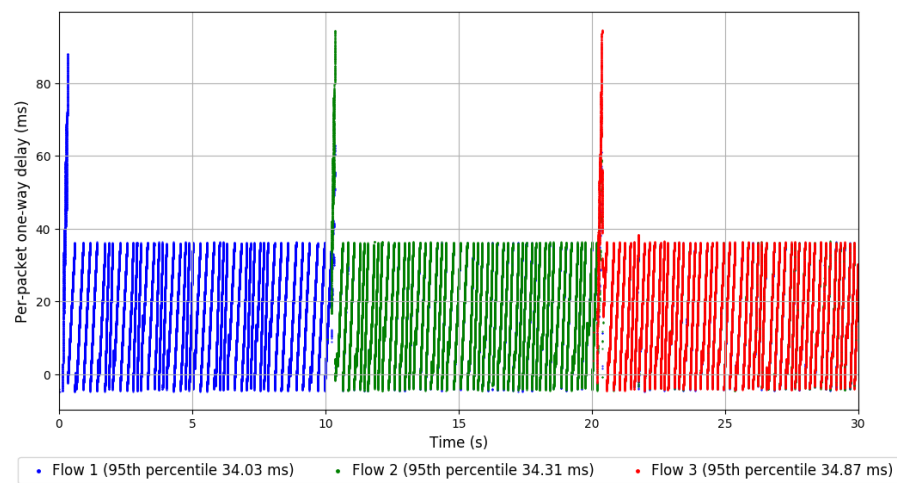
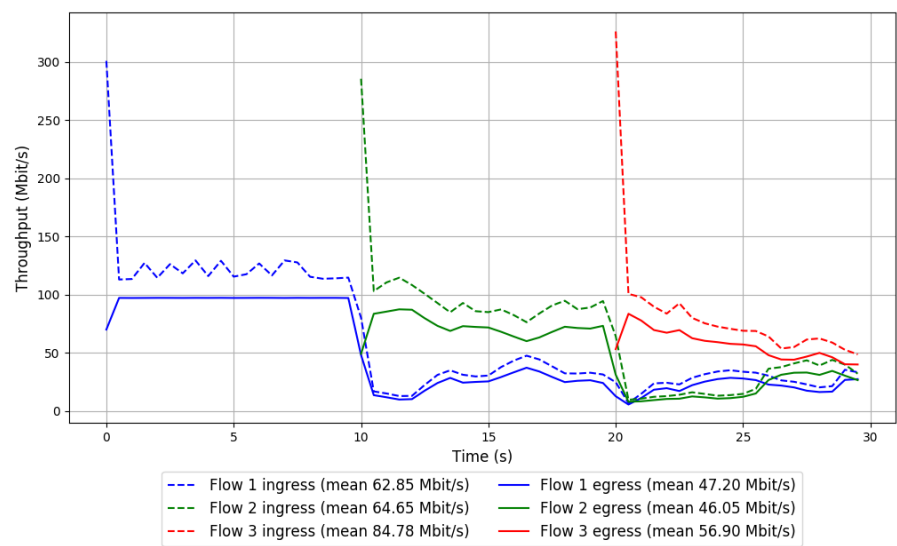


Run 10: Statistics of FillP

Start at: 2018-02-20 16:52:10
End at: 2018-02-20 16:52:40
Local clock offset: -1.458 ms
Remote clock offset: -27.814 ms

Below is generated by plot.py at 2018-02-20 17:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 34.272 ms
Loss rate: 27.71%
-- Flow 1:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 34.028 ms
Loss rate: 24.82%
-- Flow 2:
Average throughput: 46.05 Mbit/s
95th percentile per-packet one-way delay: 34.311 ms
Loss rate: 28.68%
-- Flow 3:
Average throughput: 56.90 Mbit/s
95th percentile per-packet one-way delay: 34.865 ms
Loss rate: 32.71%

Run 10: Report of FillP — Data Link

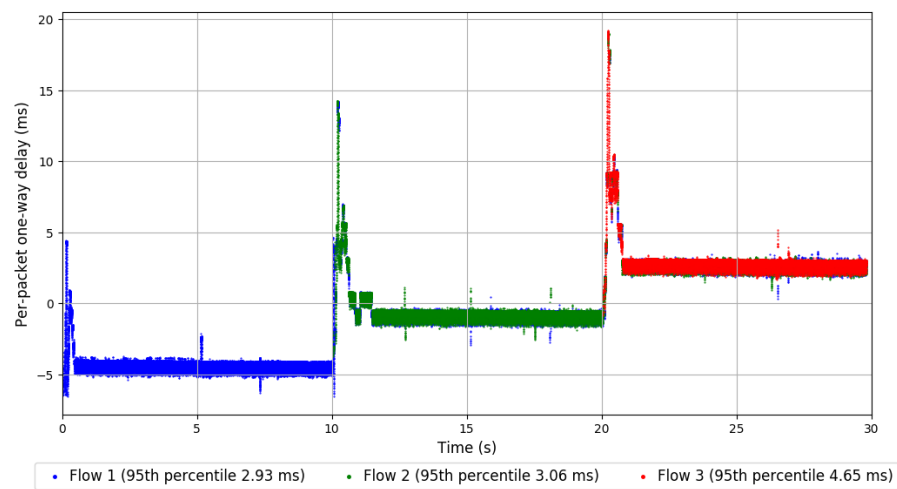
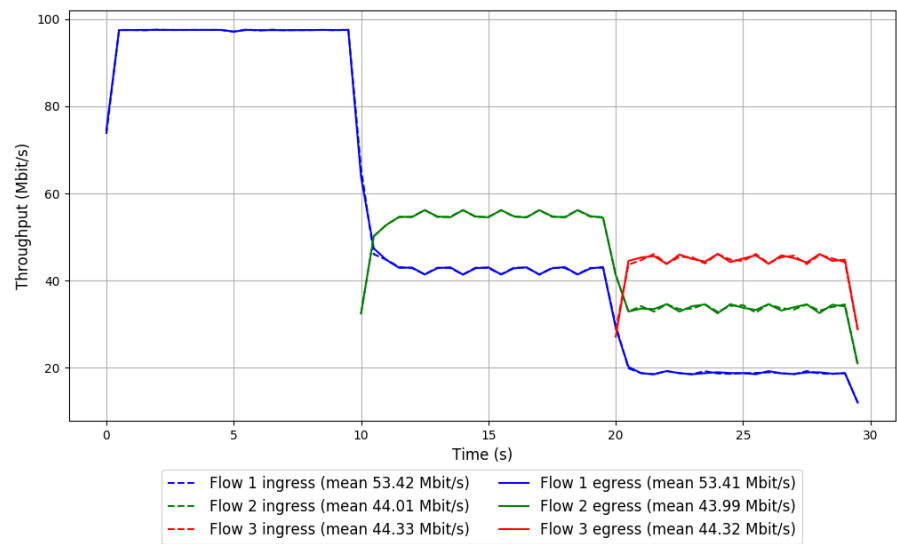


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-20 13:46:13
End at: 2018-02-20 13:46:43
Local clock offset: 1.142 ms
Remote clock offset: -19.235 ms

# Below is generated by plot.py at 2018-02-20 17:58:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 3.046 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.41 Mbit/s
95th percentile per-packet one-way delay: 2.934 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.99 Mbit/s
95th percentile per-packet one-way delay: 3.061 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.32 Mbit/s
95th percentile per-packet one-way delay: 4.648 ms
Loss rate: 0.00%
```

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

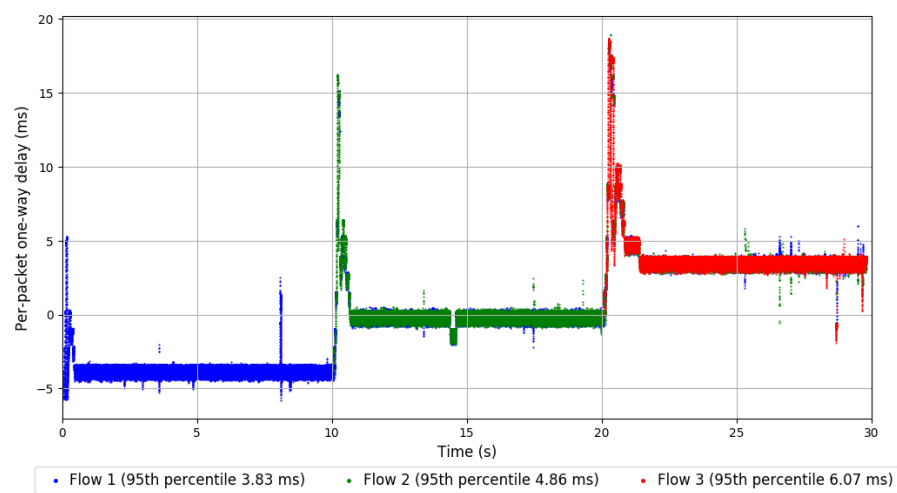
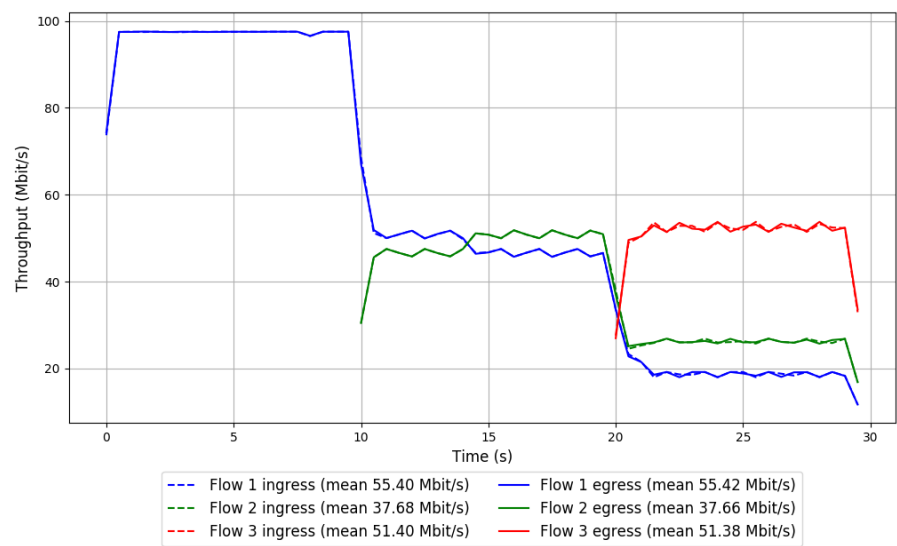


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-20 14:07:53
End at: 2018-02-20 14:08:23
Local clock offset: -4.044 ms
Remote clock offset: -18.15 ms

Below is generated by plot.py at 2018-02-20 17:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 4.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.42 Mbit/s
95th percentile per-packet one-way delay: 3.832 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.66 Mbit/s
95th percentile per-packet one-way delay: 4.856 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.38 Mbit/s
95th percentile per-packet one-way delay: 6.070 ms
Loss rate: 0.00%

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

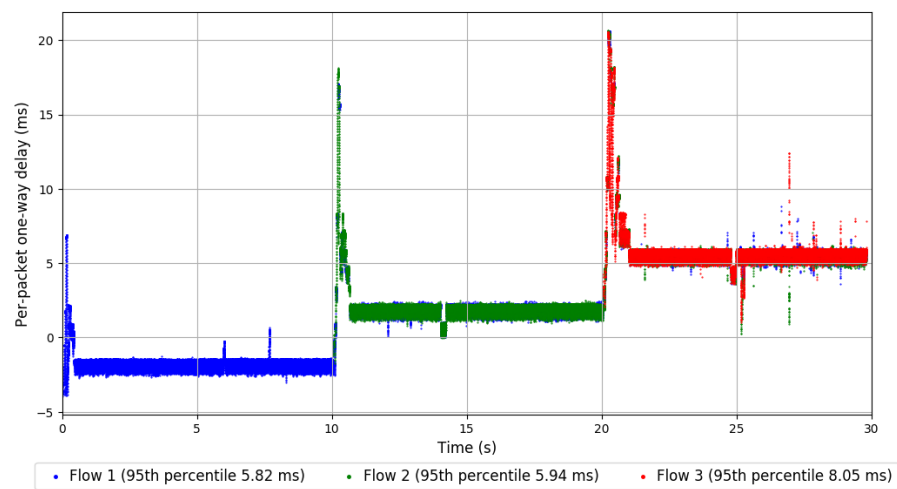
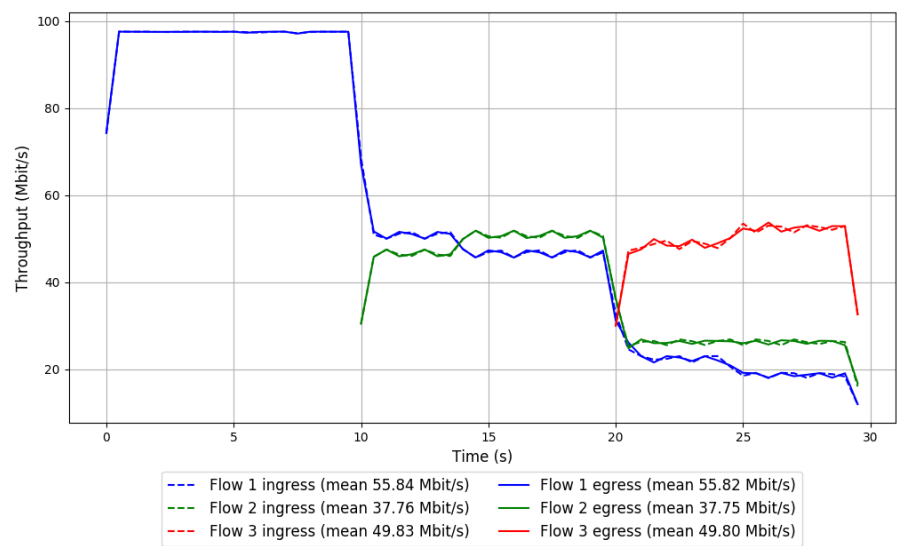


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-20 14:29:43
End at: 2018-02-20 14:30:13
Local clock offset: -2.21 ms
Remote clock offset: -17.486 ms

Below is generated by plot.py at 2018-02-20 17:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 5.913 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 5.819 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.75 Mbit/s
95th percentile per-packet one-way delay: 5.942 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 8.052 ms
Loss rate: 0.00%

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

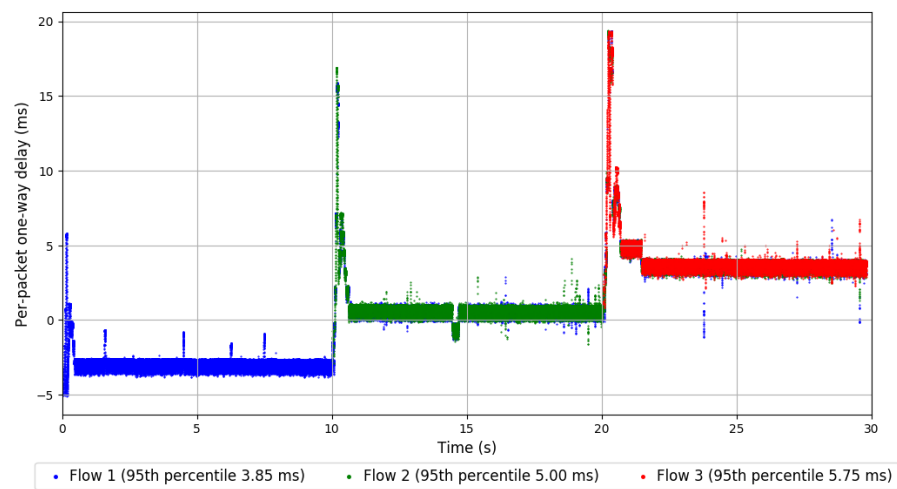
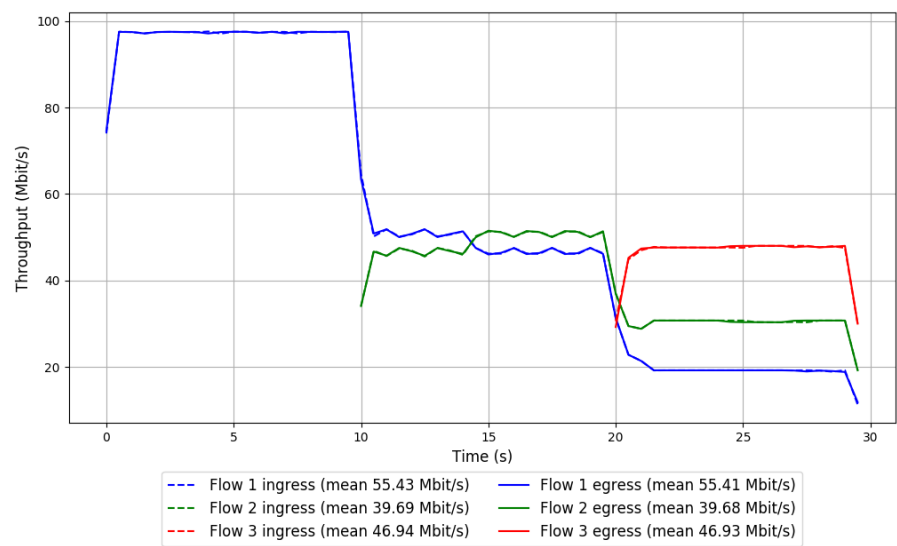


Run 4: Statistics of Indigo-1-32

Start at: 2018-02-20 14:51:40
End at: 2018-02-20 14:52:10
Local clock offset: -3.048 ms
Remote clock offset: -18.775 ms

Below is generated by plot.py at 2018-02-20 17:58:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 4.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 3.852 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: 5.002 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.93 Mbit/s
95th percentile per-packet one-way delay: 5.755 ms
Loss rate: 0.00%

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

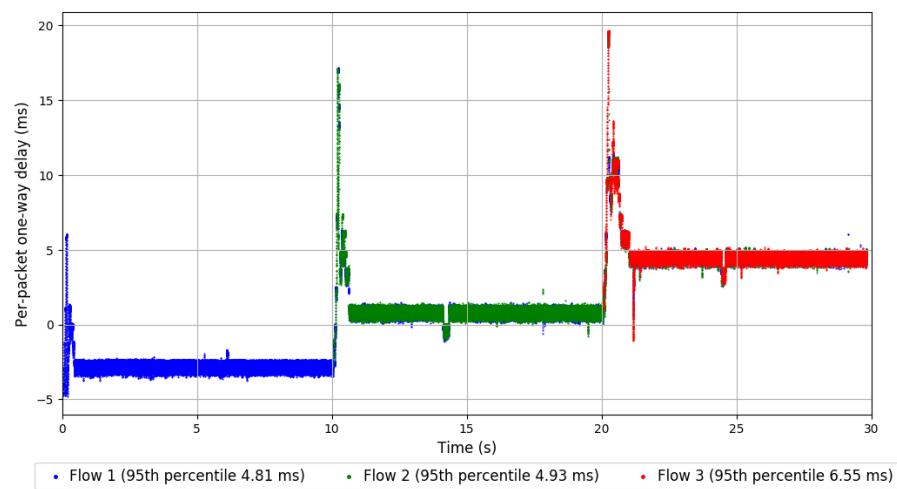
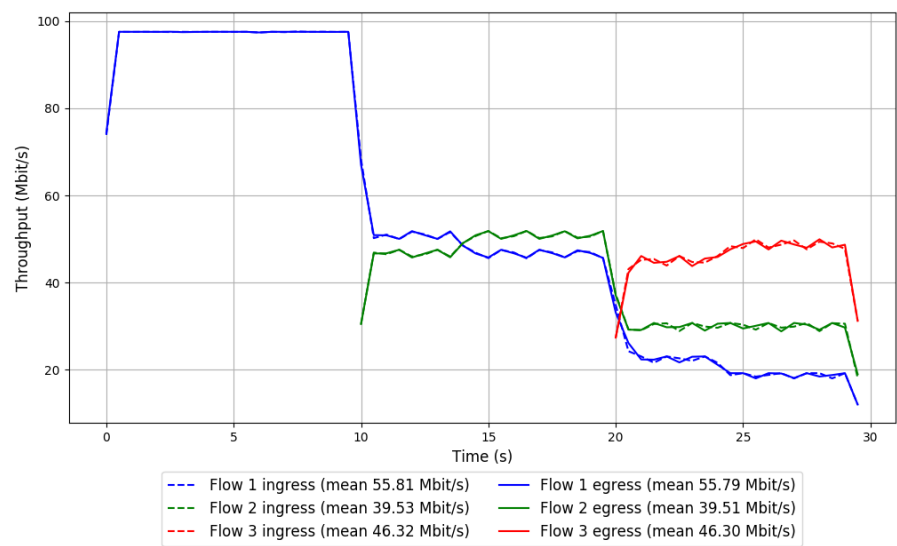


Run 5: Statistics of Indigo-1-32

Start at: 2018-02-20 15:13:26
End at: 2018-02-20 15:13:56
Local clock offset: -0.496 ms
Remote clock offset: -10.704 ms

Below is generated by plot.py at 2018-02-20 17:59:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 4.897 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.79 Mbit/s
95th percentile per-packet one-way delay: 4.811 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 4.926 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.30 Mbit/s
95th percentile per-packet one-way delay: 6.549 ms
Loss rate: 0.00%

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

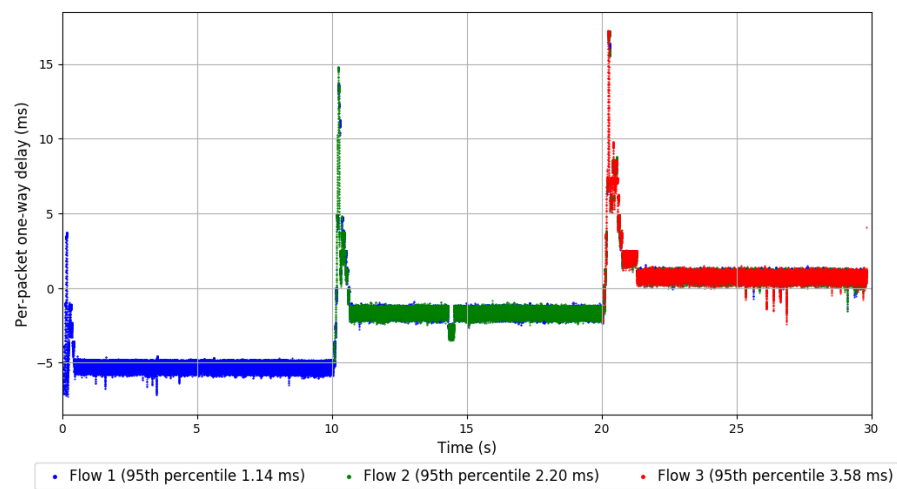
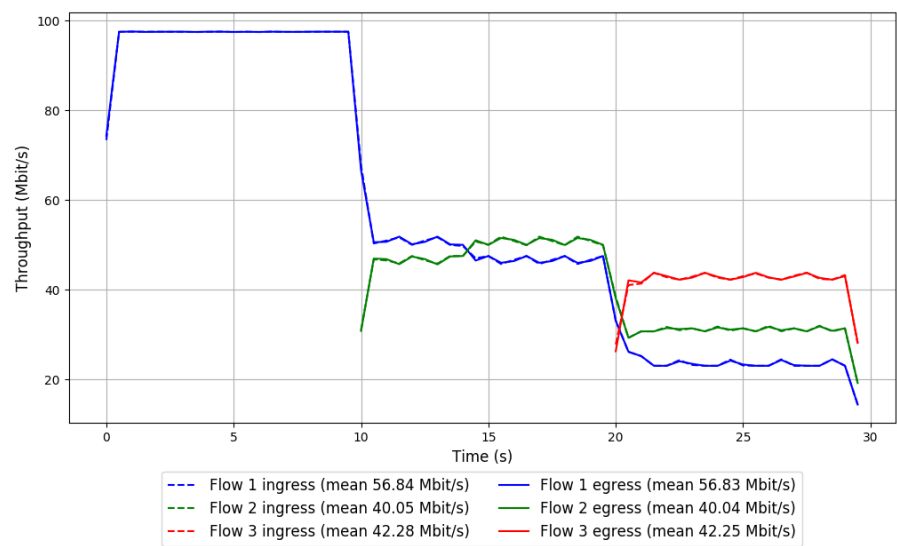


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-20 15:35:14
End at: 2018-02-20 15:35:44
Local clock offset: 1.169 ms
Remote clock offset: -8.351 ms

Below is generated by plot.py at 2018-02-20 17:59:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 1.391 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.83 Mbit/s
95th percentile per-packet one-way delay: 1.143 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 2.202 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.25 Mbit/s
95th percentile per-packet one-way delay: 3.581 ms
Loss rate: 0.00%

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

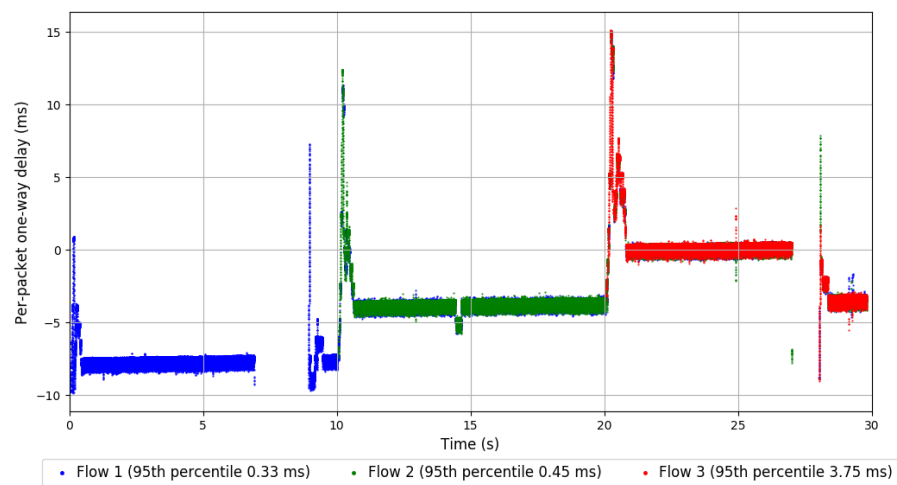
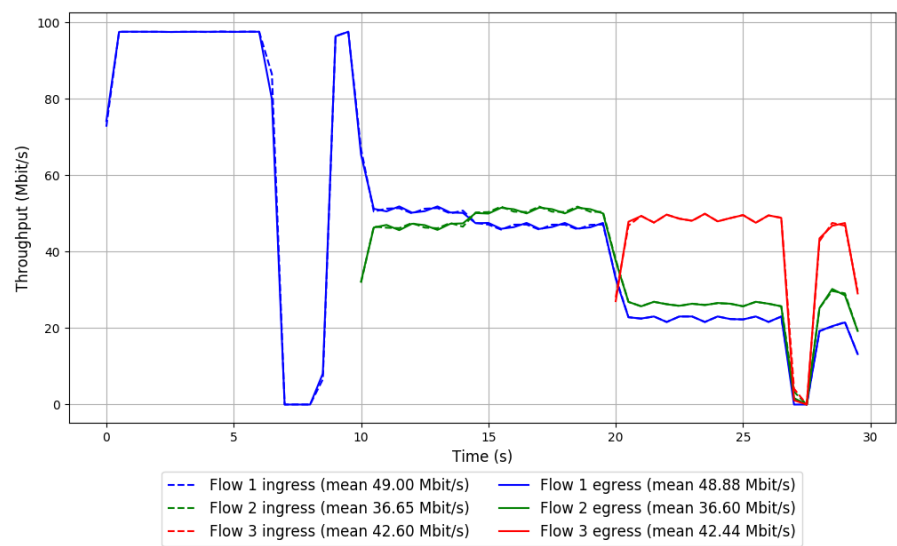


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-20 15:57:03
End at: 2018-02-20 15:57:33
Local clock offset: 0.78 ms
Remote clock offset: -11.548 ms

Below is generated by plot.py at 2018-02-20 17:59:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.03 Mbit/s
95th percentile per-packet one-way delay: 0.434 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 48.88 Mbit/s
95th percentile per-packet one-way delay: 0.330 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 36.60 Mbit/s
95th percentile per-packet one-way delay: 0.447 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 42.44 Mbit/s
95th percentile per-packet one-way delay: 3.749 ms
Loss rate: 0.38%

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

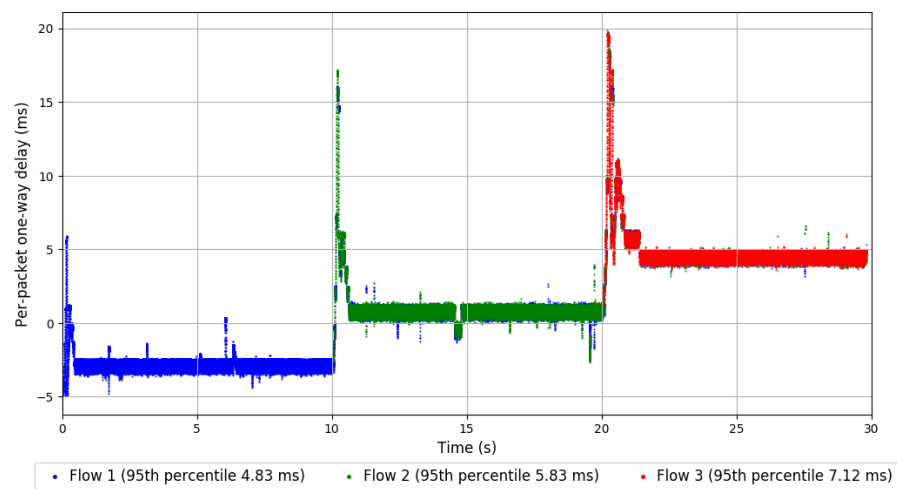
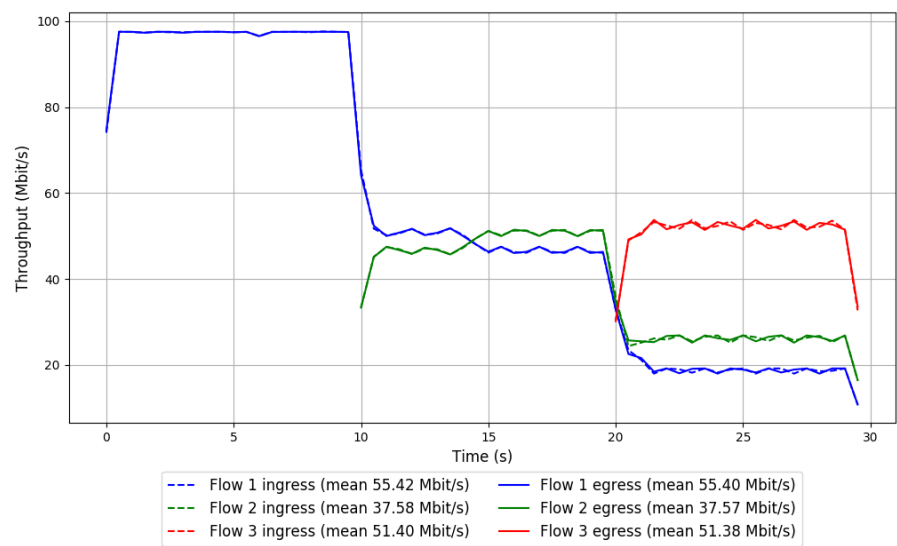


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-20 16:19:15
End at: 2018-02-20 16:19:45
Local clock offset: -4.893 ms
Remote clock offset: -22.139 ms

Below is generated by plot.py at 2018-02-20 17:59:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 4.959 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 4.835 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.57 Mbit/s
95th percentile per-packet one-way delay: 5.826 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.38 Mbit/s
95th percentile per-packet one-way delay: 7.122 ms
Loss rate: 0.00%

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

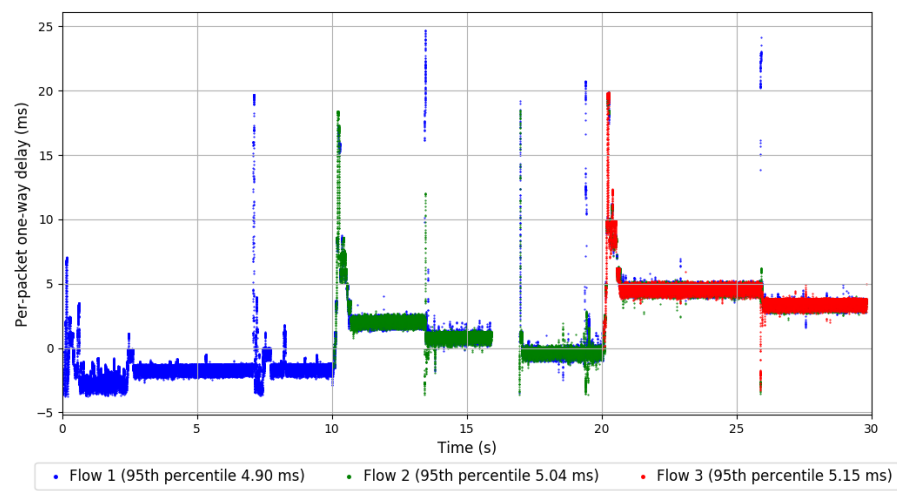
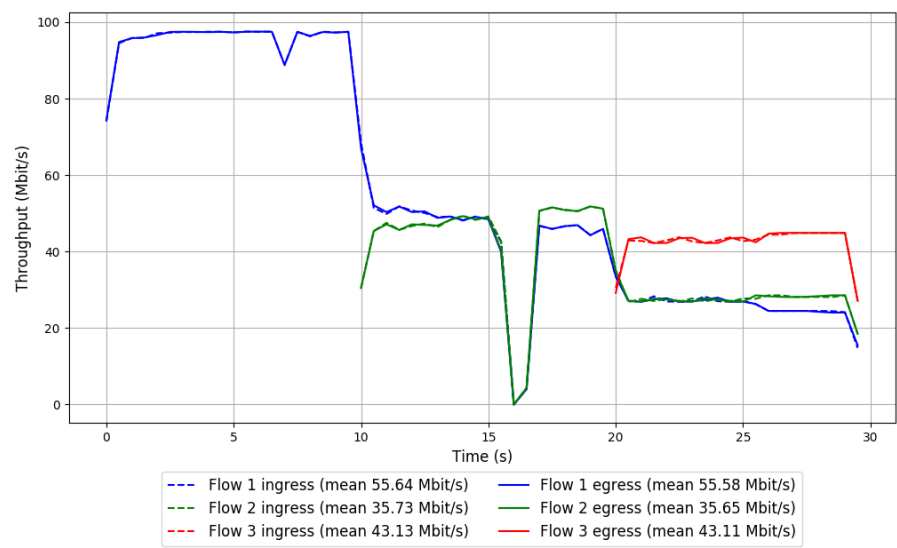


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-20 16:41:18
End at: 2018-02-20 16:41:48
Local clock offset: -3.386 ms
Remote clock offset: -24.624 ms

Below is generated by plot.py at 2018-02-20 17:59:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.33 Mbit/s
95th percentile per-packet one-way delay: 4.981 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.58 Mbit/s
95th percentile per-packet one-way delay: 4.901 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 35.65 Mbit/s
95th percentile per-packet one-way delay: 5.038 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 43.11 Mbit/s
95th percentile per-packet one-way delay: 5.147 ms
Loss rate: 0.00%

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

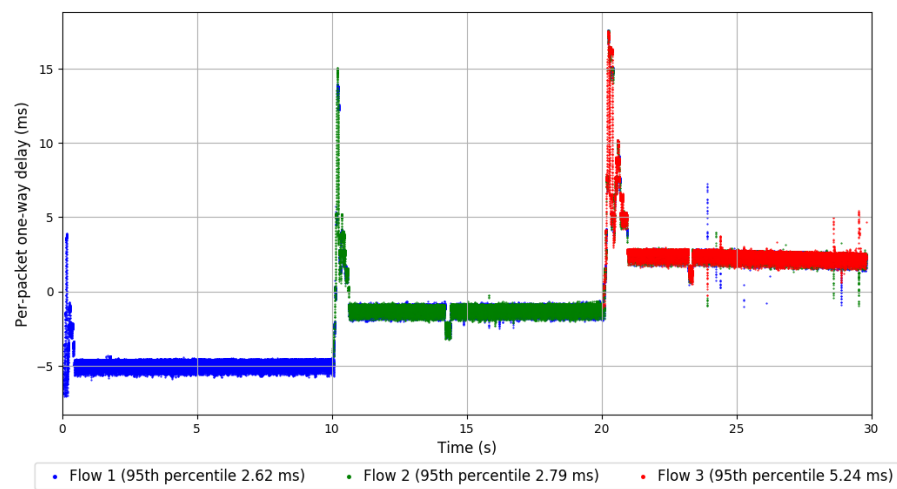
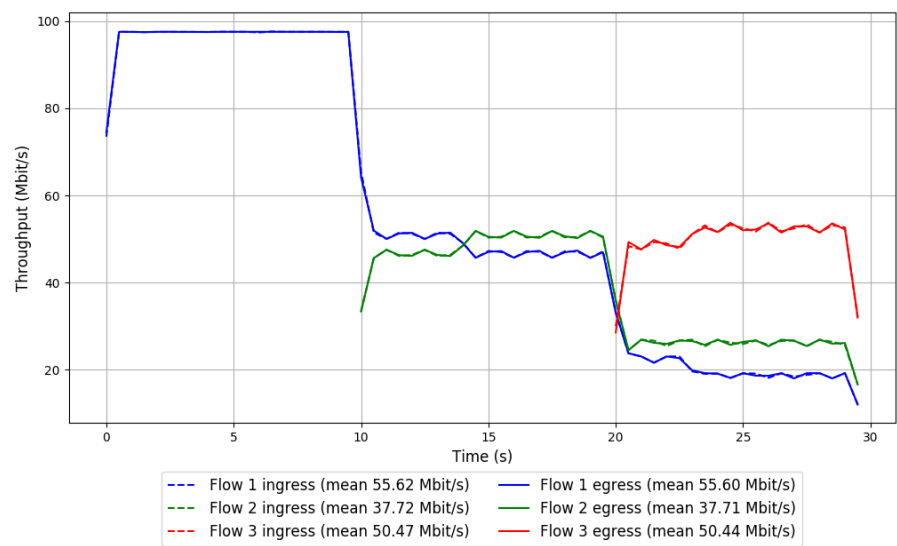


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-20 17:03:05
End at: 2018-02-20 17:03:35
Local clock offset: 2.201 ms
Remote clock offset: -28.981 ms

Below is generated by plot.py at 2018-02-20 18:00:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 2.768 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.60 Mbit/s
95th percentile per-packet one-way delay: 2.623 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.71 Mbit/s
95th percentile per-packet one-way delay: 2.789 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.44 Mbit/s
95th percentile per-packet one-way delay: 5.240 ms
Loss rate: 0.00%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-02-20 13:36:15

End at: 2018-02-20 13:36:45

Local clock offset: -0.526 ms

Remote clock offset: -18.5 ms

Below is generated by plot.py at 2018-02-20 18:00:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.26 Mbit/s

95th percentile per-packet one-way delay: -1.464 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 64.62 Mbit/s

95th percentile per-packet one-way delay: -2.835 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 25.77 Mbit/s

95th percentile per-packet one-way delay: 1.633 ms

Loss rate: 0.00%

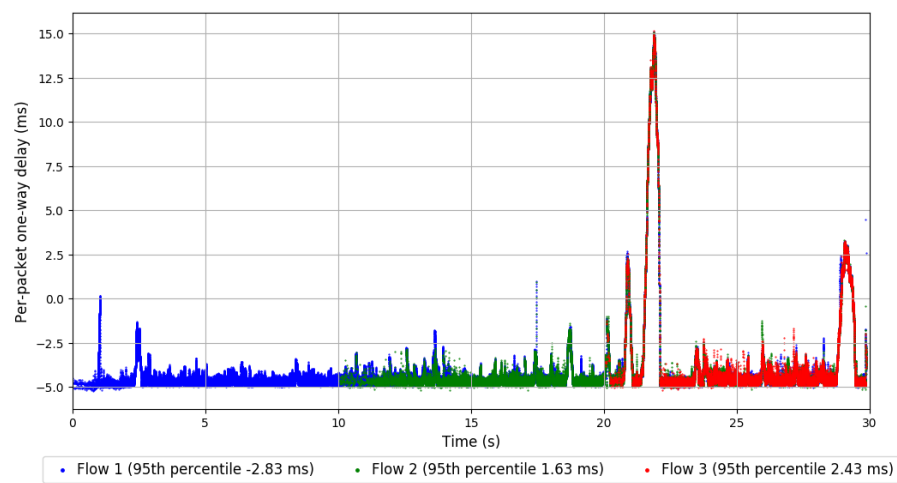
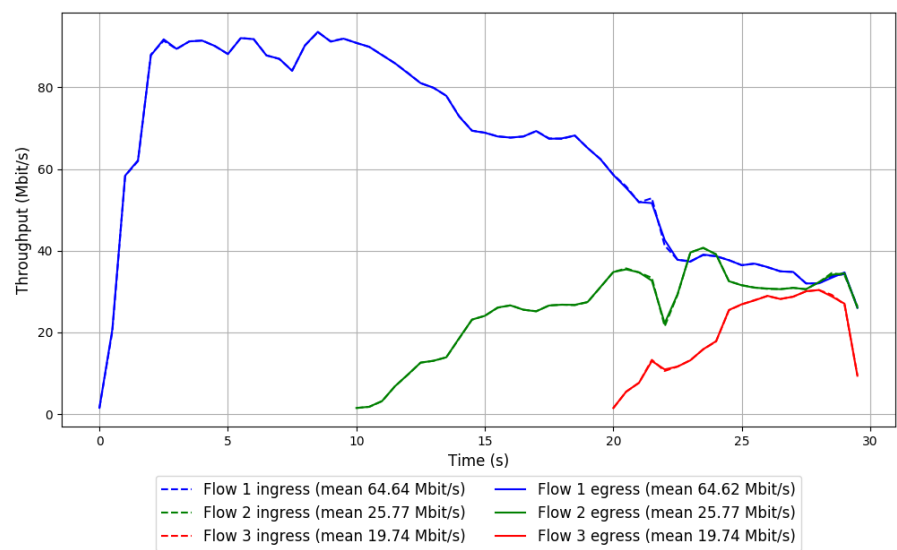
-- Flow 3:

Average throughput: 19.74 Mbit/s

95th percentile per-packet one-way delay: 2.432 ms

Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

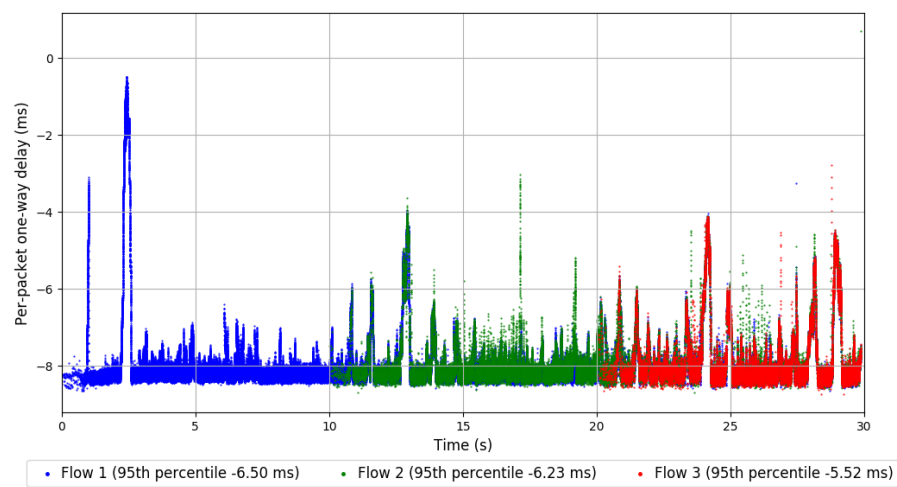
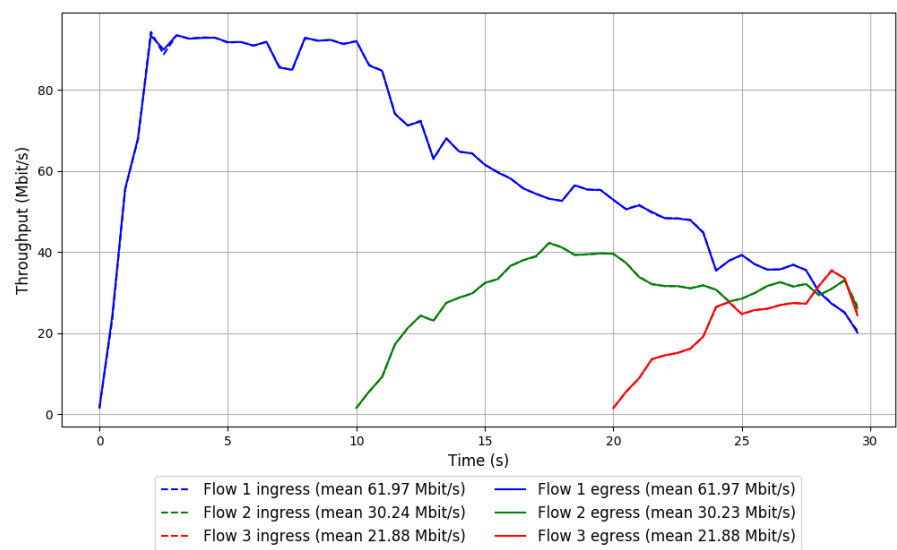


Run 2: Statistics of Vivace-latency

Start at: 2018-02-20 13:58:05
End at: 2018-02-20 13:58:35
Local clock offset: 0.117 ms
Remote clock offset: -17.713 ms

Below is generated by plot.py at 2018-02-20 18:00:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: -6.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.97 Mbit/s
95th percentile per-packet one-way delay: -6.505 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.23 Mbit/s
95th percentile per-packet one-way delay: -6.234 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: -5.517 ms
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link

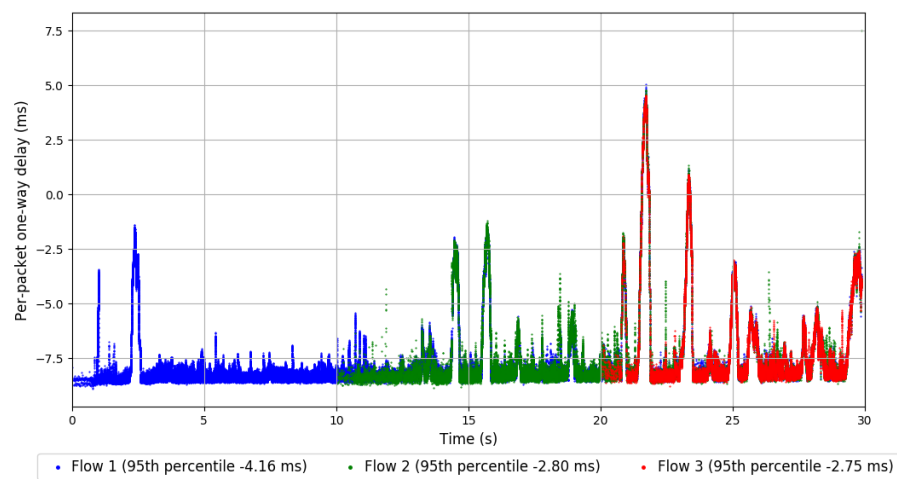
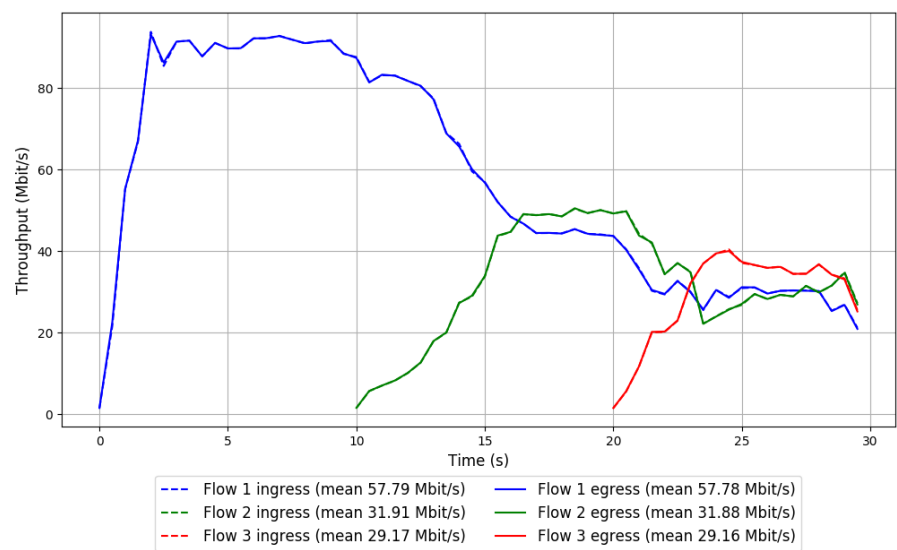


Run 3: Statistics of Vivace-latency

Start at: 2018-02-20 14:19:52
End at: 2018-02-20 14:20:22
Local clock offset: -3.057 ms
Remote clock offset: -20.084 ms

Below is generated by plot.py at 2018-02-20 18:01:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.60 Mbit/s
95th percentile per-packet one-way delay: -3.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.78 Mbit/s
95th percentile per-packet one-way delay: -4.162 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: -2.802 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.16 Mbit/s
95th percentile per-packet one-way delay: -2.749 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link

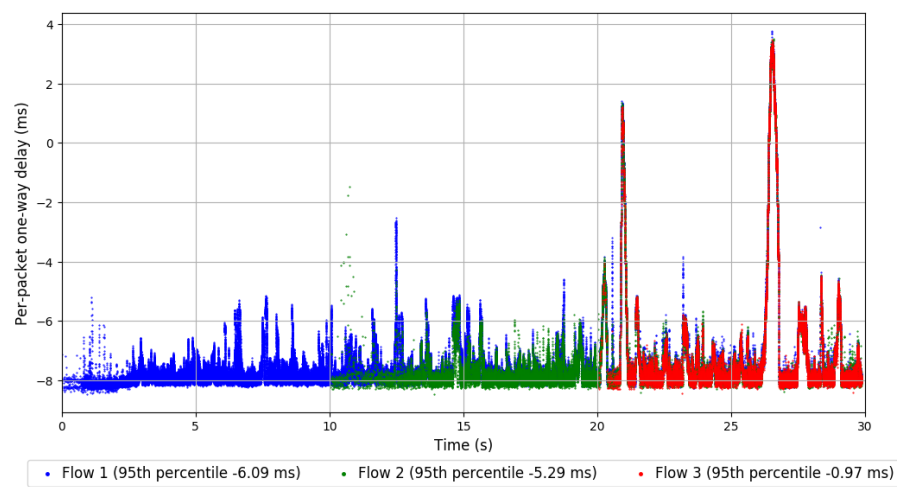
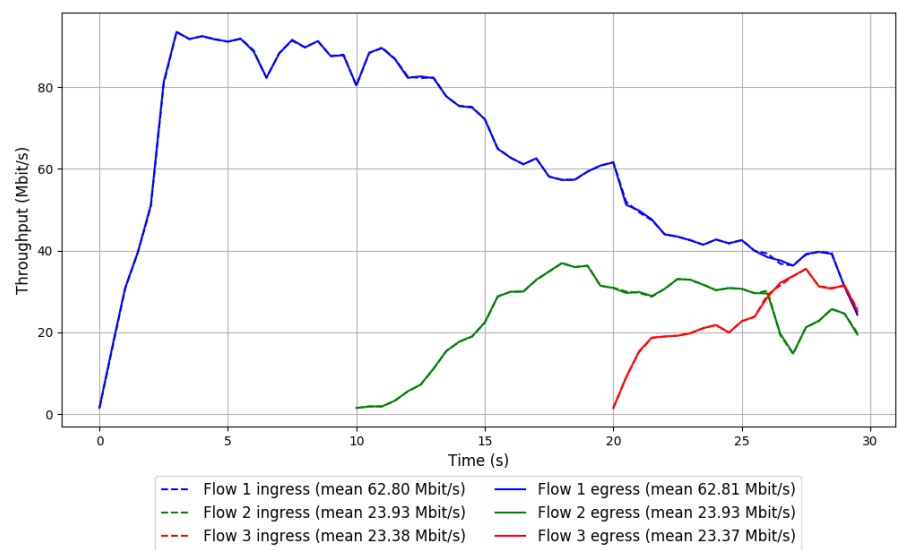


Run 4: Statistics of Vivace-latency

Start at: 2018-02-20 14:41:59
End at: 2018-02-20 14:42:29
Local clock offset: 0.627 ms
Remote clock offset: -20.336 ms

Below is generated by plot.py at 2018-02-20 18:01:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: -5.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.81 Mbit/s
95th percentile per-packet one-way delay: -6.095 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: -5.288 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.37 Mbit/s
95th percentile per-packet one-way delay: -0.975 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

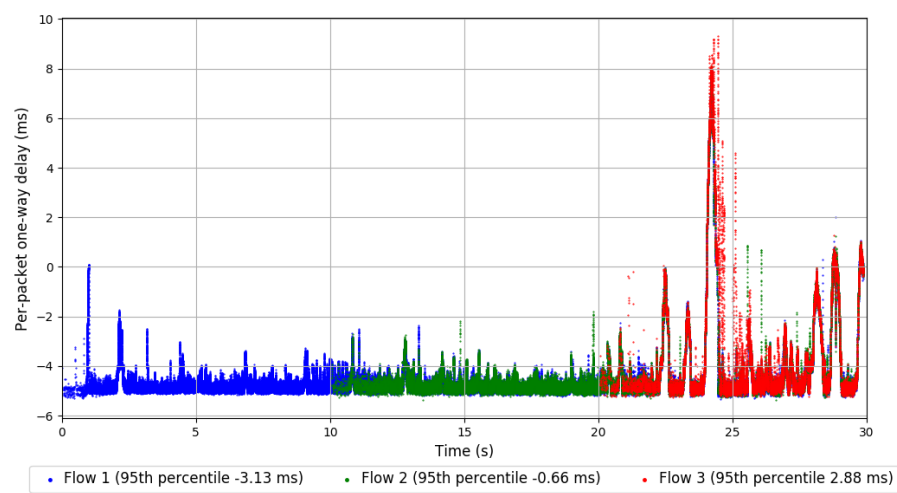
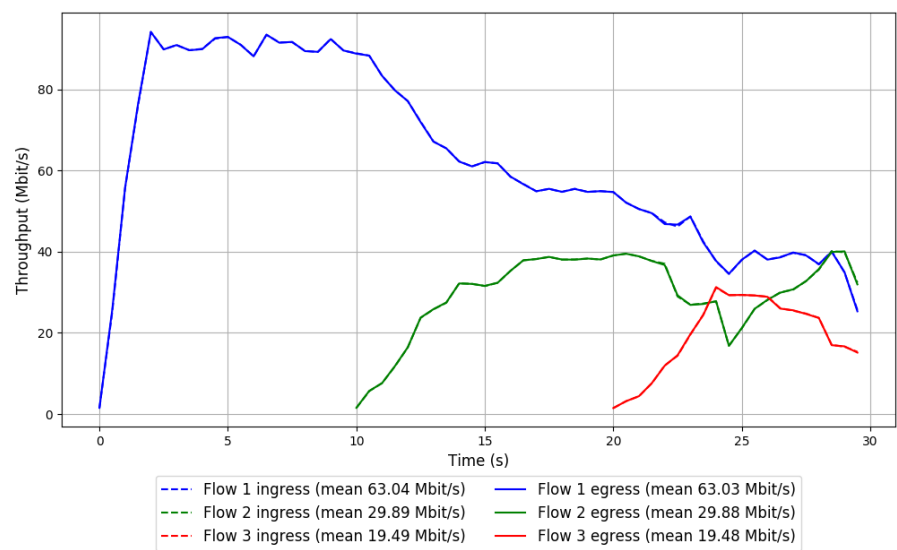


Run 5: Statistics of Vivace-latency

Start at: 2018-02-20 15:03:40
End at: 2018-02-20 15:04:10
Local clock offset: -0.539 ms
Remote clock offset: -12.524 ms

Below is generated by plot.py at 2018-02-20 18:01:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: -1.829 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.03 Mbit/s
95th percentile per-packet one-way delay: -3.135 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.88 Mbit/s
95th percentile per-packet one-way delay: -0.662 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.48 Mbit/s
95th percentile per-packet one-way delay: 2.880 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-02-20 15:25:23

End at: 2018-02-20 15:25:53

Local clock offset: 3.176 ms

Remote clock offset: -9.21 ms

Below is generated by plot.py at 2018-02-20 18:01:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.31 Mbit/s

95th percentile per-packet one-way delay: -6.111 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 60.75 Mbit/s

95th percentile per-packet one-way delay: -6.485 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 33.61 Mbit/s

95th percentile per-packet one-way delay: -6.128 ms

Loss rate: 0.00%

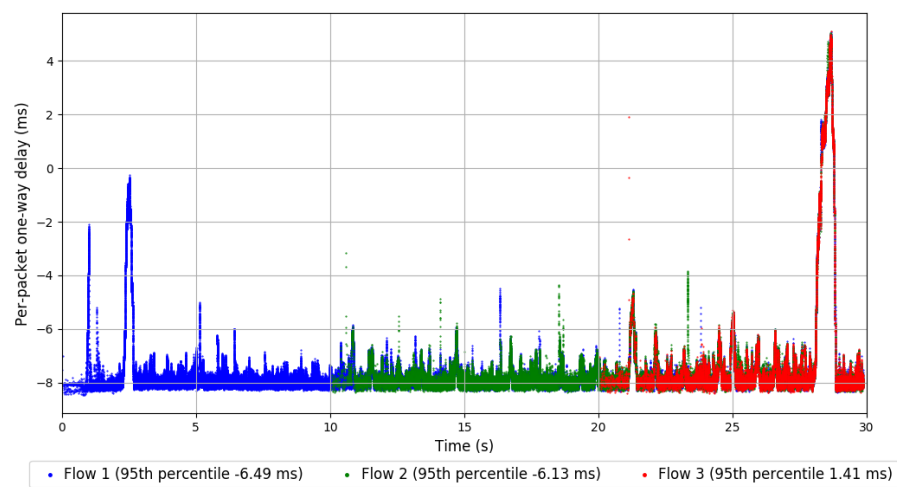
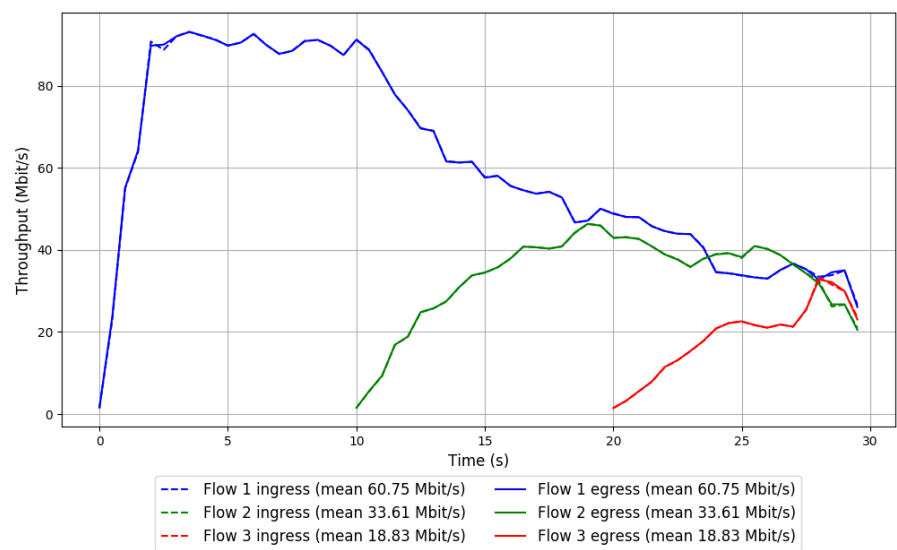
-- Flow 3:

Average throughput: 18.83 Mbit/s

95th percentile per-packet one-way delay: 1.412 ms

Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link

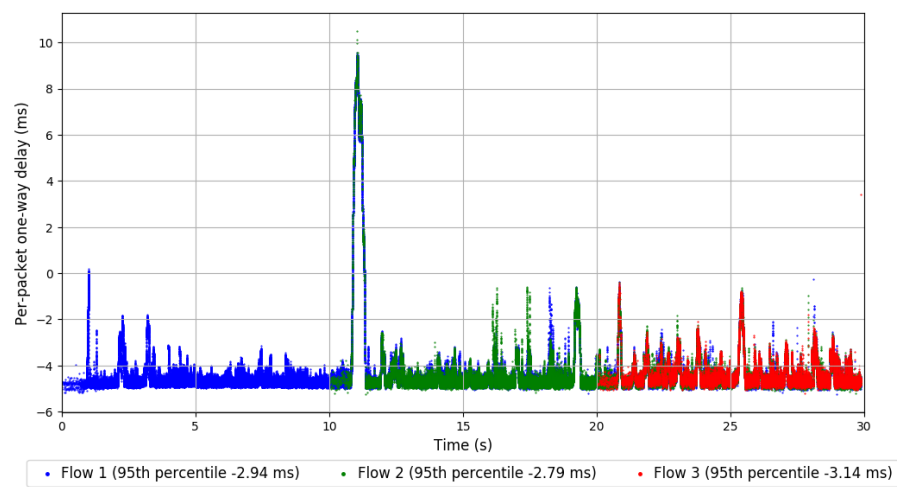
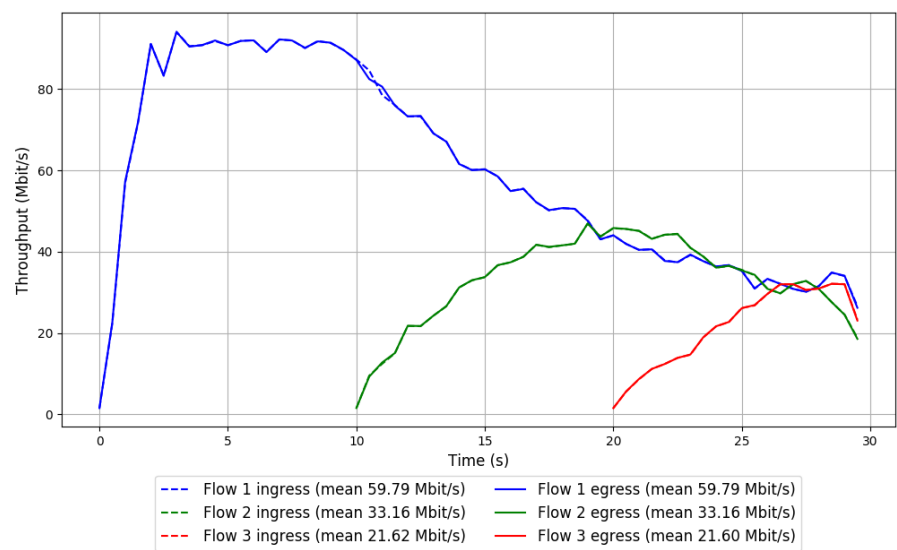


Run 7: Statistics of Vivace-latency

Start at: 2018-02-20 15:47:18
End at: 2018-02-20 15:47:48
Local clock offset: -1.691 ms
Remote clock offset: -7.066 ms

```
# Below is generated by plot.py at 2018-02-20 18:01:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.96 Mbit/s
95th percentile per-packet one-way delay: -2.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.79 Mbit/s
95th percentile per-packet one-way delay: -2.935 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: -2.786 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.60 Mbit/s
95th percentile per-packet one-way delay: -3.143 ms
Loss rate: 0.00%
```

Run 7: Report of Vivace-latency — Data Link

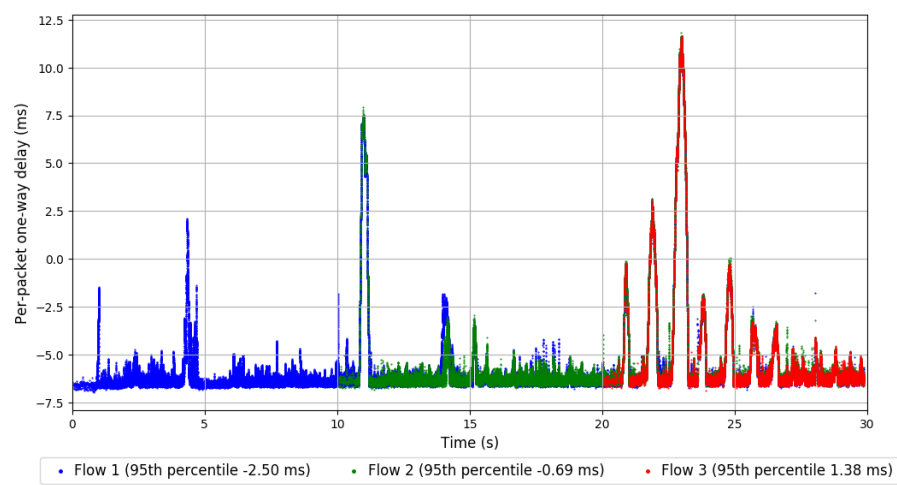
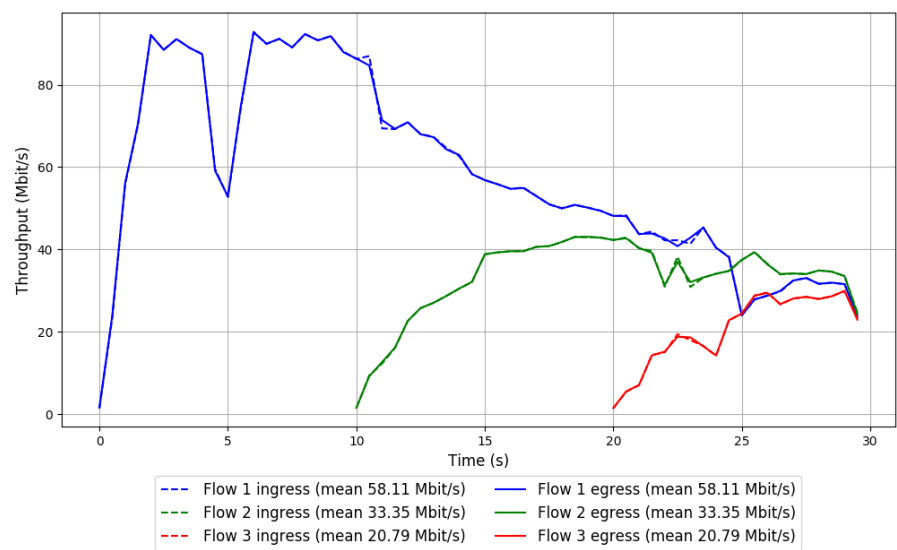


Run 8: Statistics of Vivace-latency

Start at: 2018-02-20 16:09:10
End at: 2018-02-20 16:09:40
Local clock offset: -1.117 ms
Remote clock offset: -18.324 ms

Below is generated by plot.py at 2018-02-20 18:01:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: -1.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.11 Mbit/s
95th percentile per-packet one-way delay: -2.502 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: -0.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.79 Mbit/s
95th percentile per-packet one-way delay: 1.376 ms
Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link

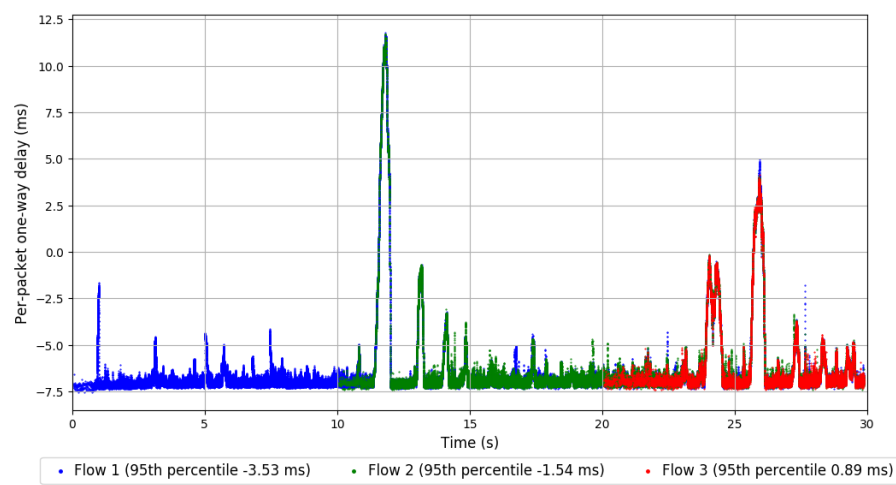
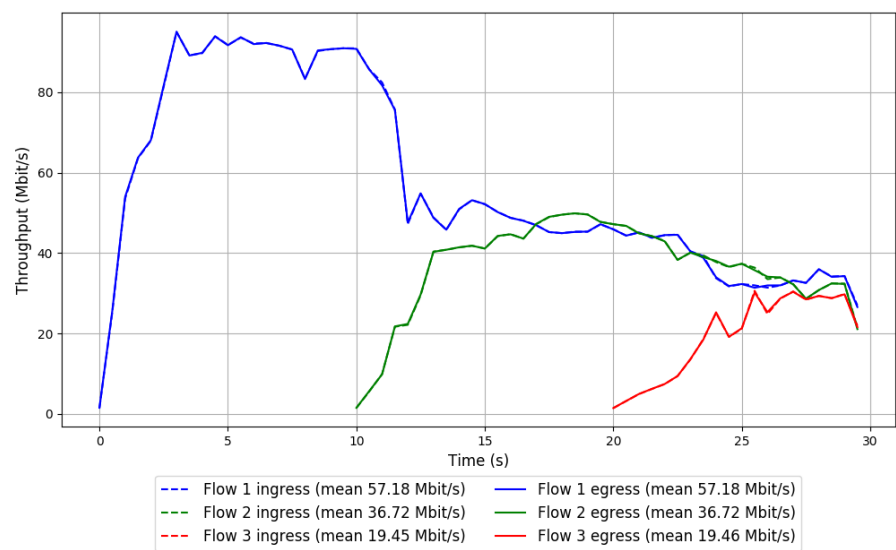


Run 9: Statistics of Vivace-latency

Start at: 2018-02-20 16:31:22
End at: 2018-02-20 16:31:52
Local clock offset: -3.444 ms
Remote clock offset: -24.584 ms

Below is generated by plot.py at 2018-02-20 18:01:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.01 Mbit/s
95th percentile per-packet one-way delay: -2.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.18 Mbit/s
95th percentile per-packet one-way delay: -3.527 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: -1.536 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.46 Mbit/s
95th percentile per-packet one-way delay: 0.891 ms
Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

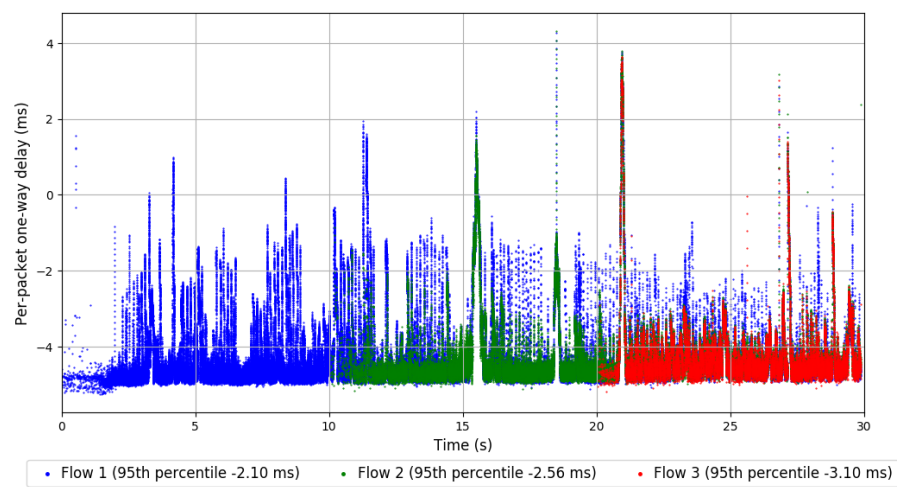
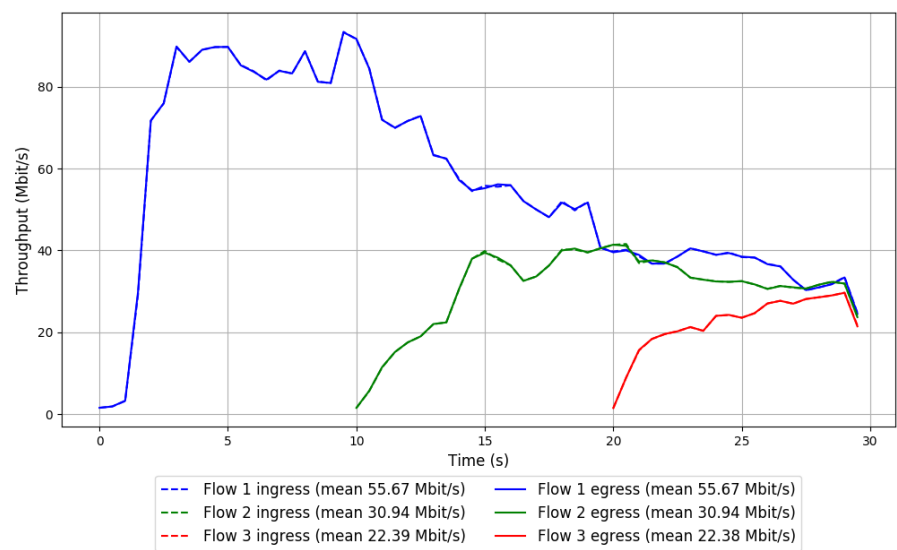


Run 10: Statistics of Vivace-latency

Start at: 2018-02-20 16:53:22
End at: 2018-02-20 16:53:52
Local clock offset: -0.666 ms
Remote clock offset: -27.588 ms

Below is generated by plot.py at 2018-02-20 18:01:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.60 Mbit/s
95th percentile per-packet one-way delay: -2.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.67 Mbit/s
95th percentile per-packet one-way delay: -2.104 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.94 Mbit/s
95th percentile per-packet one-way delay: -2.563 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.38 Mbit/s
95th percentile per-packet one-way delay: -3.103 ms
Loss rate: 0.01%

Run 10: Report of Vivace-latency — Data Link

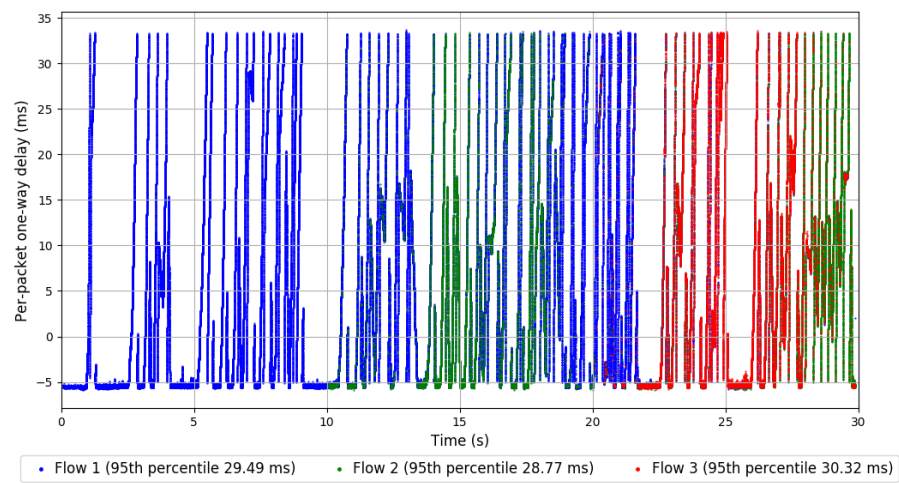
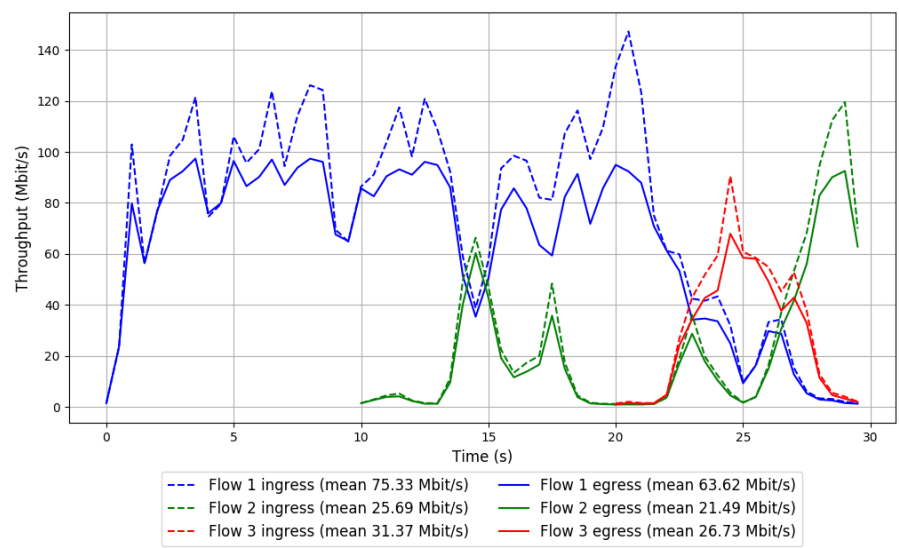


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-20 13:28:59
End at: 2018-02-20 13:29:29
Local clock offset: -1.429 ms
Remote clock offset: -19.181 ms

# Below is generated by plot.py at 2018-02-20 18:02:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 29.525 ms
Loss rate: 15.59%
-- Flow 1:
Average throughput: 63.62 Mbit/s
95th percentile per-packet one-way delay: 29.487 ms
Loss rate: 15.52%
-- Flow 2:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 28.771 ms
Loss rate: 16.34%
-- Flow 3:
Average throughput: 26.73 Mbit/s
95th percentile per-packet one-way delay: 30.315 ms
Loss rate: 14.82%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-20 13:50:58

End at: 2018-02-20 13:51:28

Local clock offset: 1.144 ms

Remote clock offset: -18.333 ms

Below is generated by plot.py at 2018-02-20 18:02:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.78 Mbit/s

95th percentile per-packet one-way delay: 26.590 ms

Loss rate: 15.90%

-- Flow 1:

Average throughput: 48.03 Mbit/s

95th percentile per-packet one-way delay: 25.379 ms

Loss rate: 11.86%

-- Flow 2:

Average throughput: 59.01 Mbit/s

95th percentile per-packet one-way delay: 27.430 ms

Loss rate: 20.37%

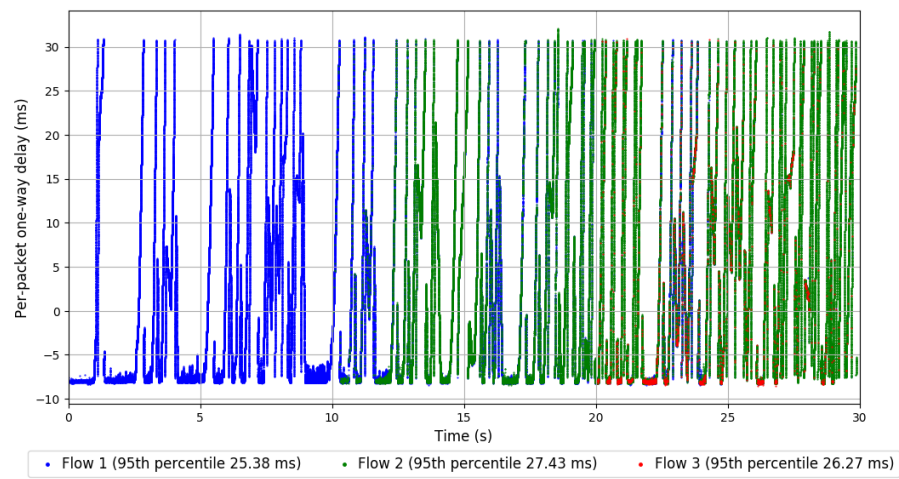
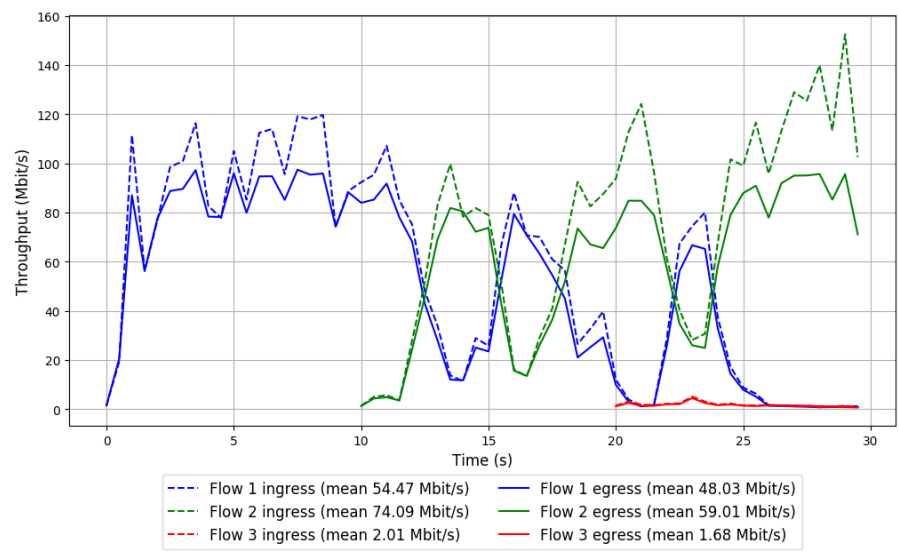
-- Flow 3:

Average throughput: 1.68 Mbit/s

95th percentile per-packet one-way delay: 26.265 ms

Loss rate: 16.54%

Run 2: Report of Vivace-loss — Data Link

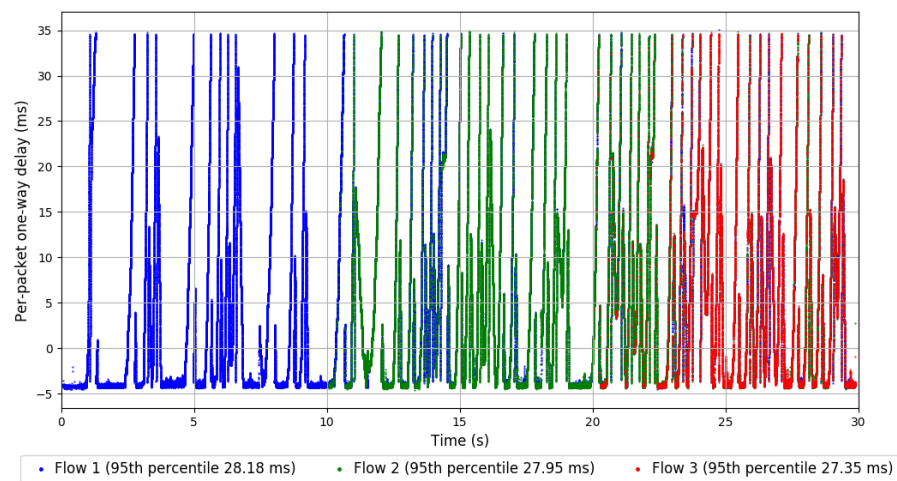
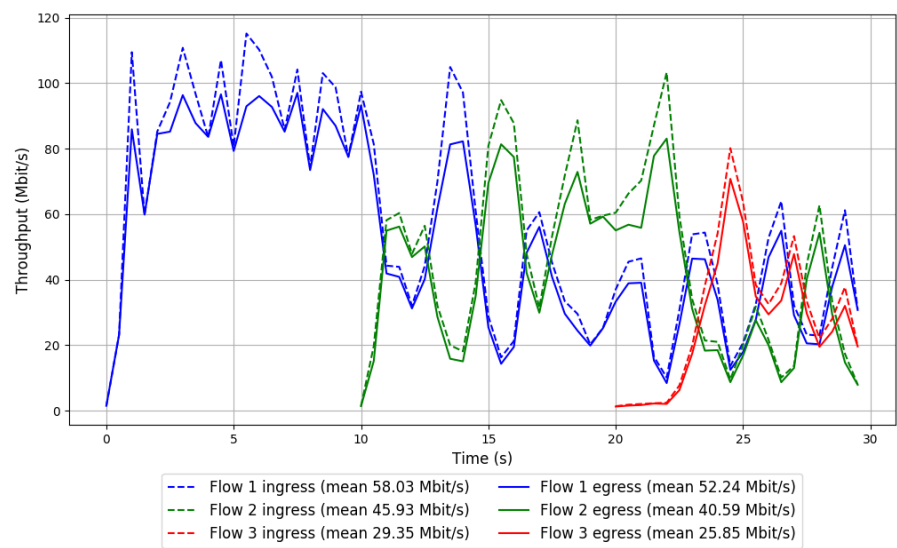


Run 3: Statistics of Vivace-loss

Start at: 2018-02-20 14:12:41
End at: 2018-02-20 14:13:11
Local clock offset: -5.238 ms
Remote clock offset: -17.576 ms

Below is generated by plot.py at 2018-02-20 18:02:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.74 Mbit/s
95th percentile per-packet one-way delay: 28.029 ms
Loss rate: 10.68%
-- Flow 1:
Average throughput: 52.24 Mbit/s
95th percentile per-packet one-way delay: 28.182 ms
Loss rate: 9.98%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 27.948 ms
Loss rate: 11.60%
-- Flow 3:
Average throughput: 25.85 Mbit/s
95th percentile per-packet one-way delay: 27.353 ms
Loss rate: 11.93%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-20 14:34:45

End at: 2018-02-20 14:35:15

Local clock offset: -1.303 ms

Remote clock offset: -18.849 ms

Below is generated by plot.py at 2018-02-20 18:02:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.09 Mbit/s

95th percentile per-packet one-way delay: 28.732 ms

Loss rate: 12.27%

-- Flow 1:

Average throughput: 53.52 Mbit/s

95th percentile per-packet one-way delay: 28.212 ms

Loss rate: 11.33%

-- Flow 2:

Average throughput: 42.16 Mbit/s

95th percentile per-packet one-way delay: 28.870 ms

Loss rate: 13.38%

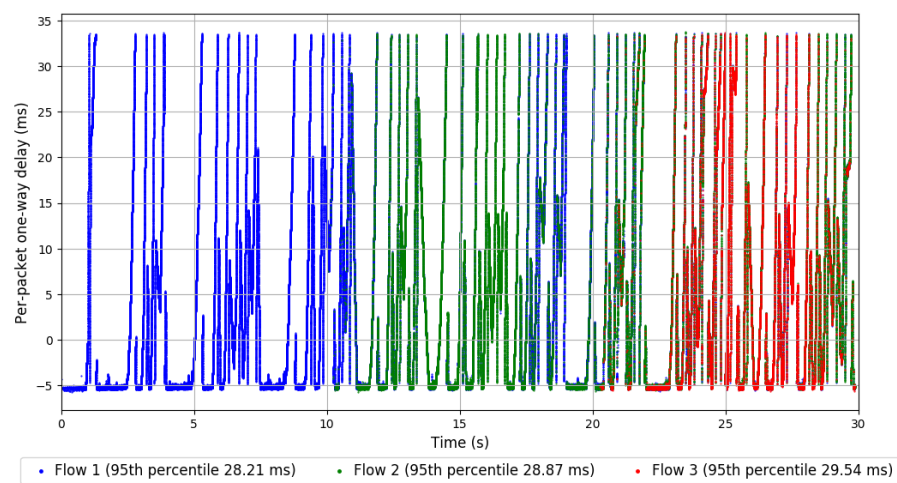
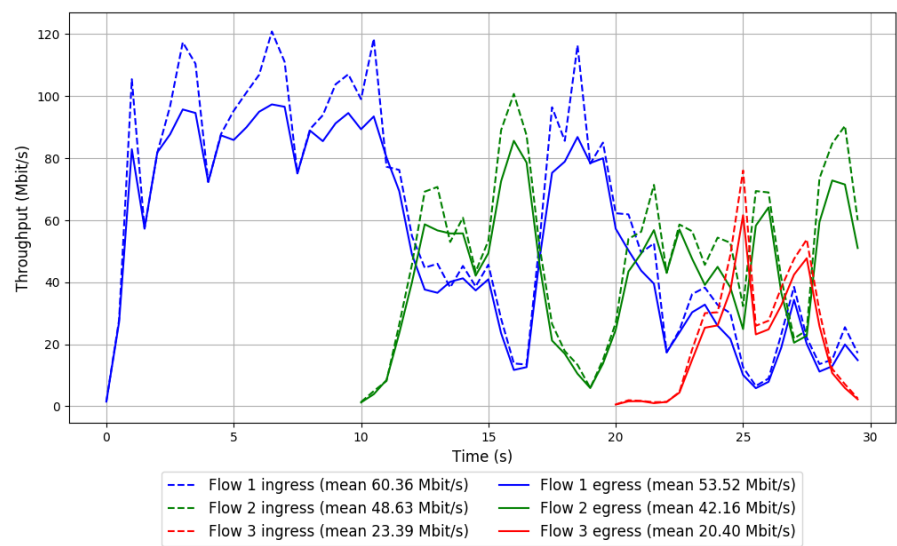
-- Flow 3:

Average throughput: 20.40 Mbit/s

95th percentile per-packet one-way delay: 29.537 ms

Loss rate: 15.03%

Run 4: Report of Vivace-loss — Data Link

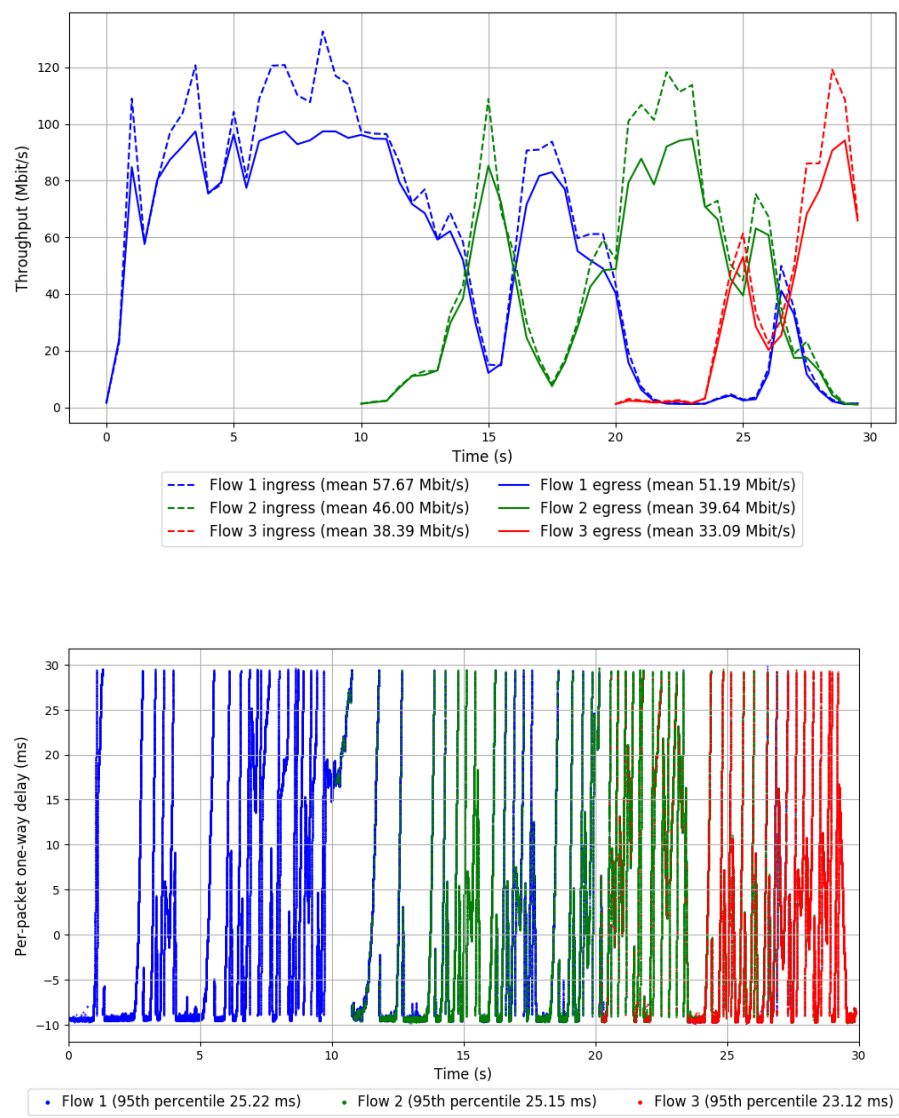


Run 5: Statistics of Vivace-loss

Start at: 2018-02-20 14:56:32
End at: 2018-02-20 14:57:02
Local clock offset: 2.662 ms
Remote clock offset: -15.663 ms

Below is generated by plot.py at 2018-02-20 18:02:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 25.027 ms
Loss rate: 12.40%
-- Flow 1:
Average throughput: 51.19 Mbit/s
95th percentile per-packet one-way delay: 25.222 ms
Loss rate: 11.23%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 25.146 ms
Loss rate: 13.93%
-- Flow 3:
Average throughput: 33.09 Mbit/s
95th percentile per-packet one-way delay: 23.122 ms
Loss rate: 14.08%

Run 5: Report of Vivace-loss — Data Link

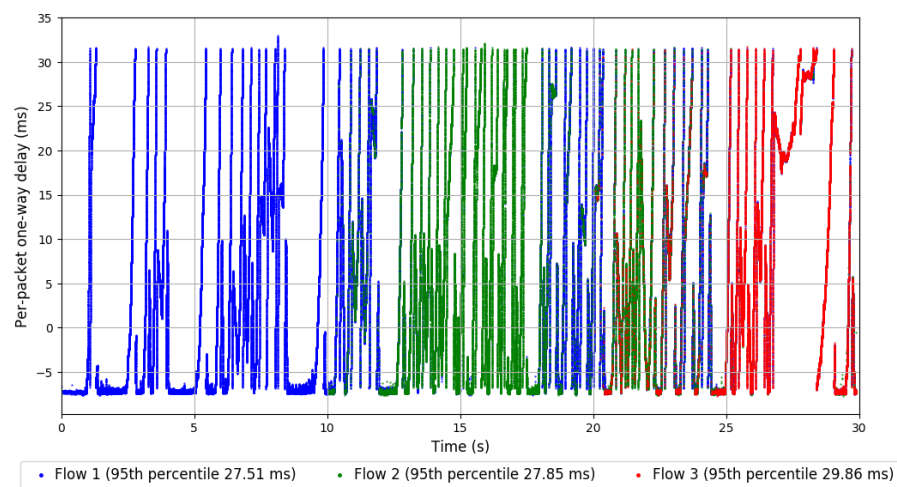
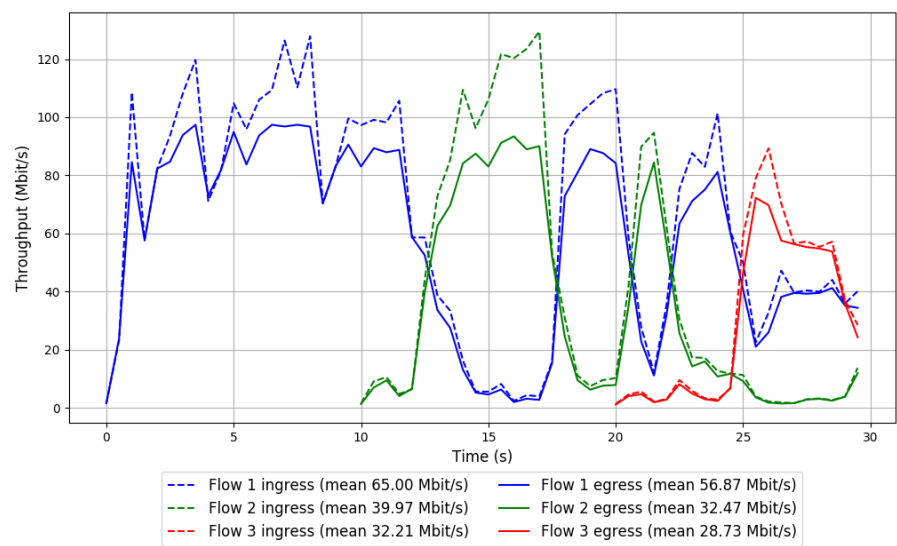


Run 6: Statistics of Vivace-loss

Start at: 2018-02-20 15:18:14
End at: 2018-02-20 15:18:44
Local clock offset: 0.74 ms
Remote clock offset: -11.502 ms

Below is generated by plot.py at 2018-02-20 18:02:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 28.311 ms
Loss rate: 13.96%
-- Flow 1:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 27.510 ms
Loss rate: 12.51%
-- Flow 2:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 27.853 ms
Loss rate: 18.74%
-- Flow 3:
Average throughput: 28.73 Mbit/s
95th percentile per-packet one-way delay: 29.858 ms
Loss rate: 10.87%

Run 6: Report of Vivace-loss — Data Link

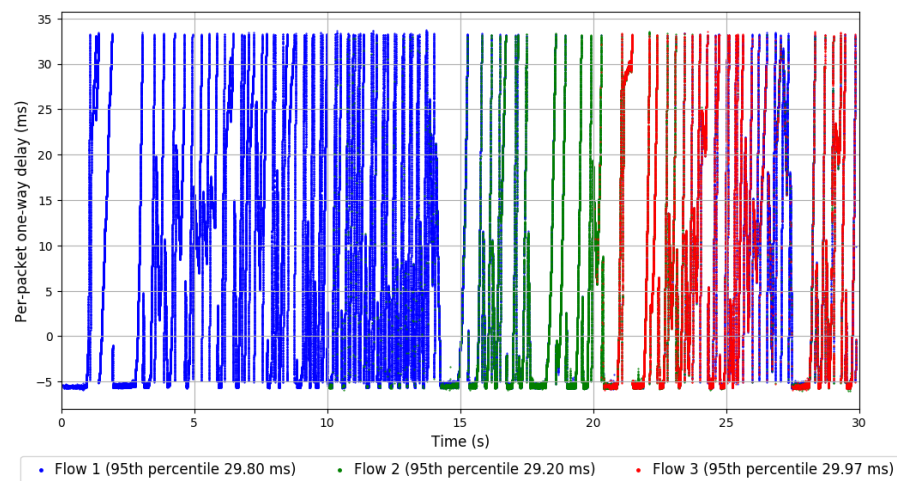
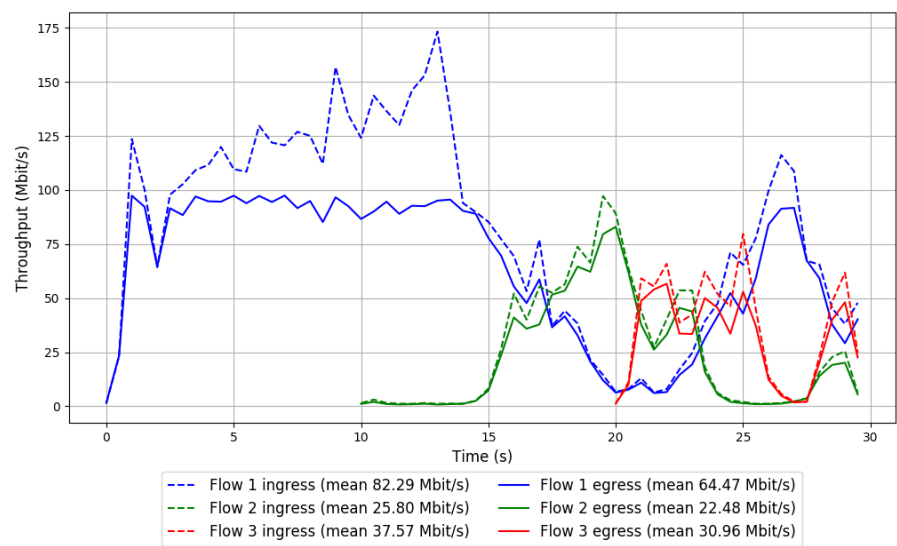


Run 7: Statistics of Vivace-loss

Start at: 2018-02-20 15:40:11
End at: 2018-02-20 15:40:41
Local clock offset: -0.828 ms
Remote clock offset: -7.942 ms

Below is generated by plot.py at 2018-02-20 18:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.60 Mbit/s
95th percentile per-packet one-way delay: 29.733 ms
Loss rate: 19.84%
-- Flow 1:
Average throughput: 64.47 Mbit/s
95th percentile per-packet one-way delay: 29.803 ms
Loss rate: 21.62%
-- Flow 2:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 29.195 ms
Loss rate: 12.85%
-- Flow 3:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 29.972 ms
Loss rate: 17.71%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-20 16:01:54

End at: 2018-02-20 16:02:24

Local clock offset: -0.494 ms

Remote clock offset: -16.417 ms

Below is generated by plot.py at 2018-02-20 18:03:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.49 Mbit/s

95th percentile per-packet one-way delay: 25.809 ms

Loss rate: 11.30%

-- Flow 1:

Average throughput: 44.35 Mbit/s

95th percentile per-packet one-way delay: 25.834 ms

Loss rate: 10.03%

-- Flow 2:

Average throughput: 47.87 Mbit/s

95th percentile per-packet one-way delay: 25.839 ms

Loss rate: 12.37%

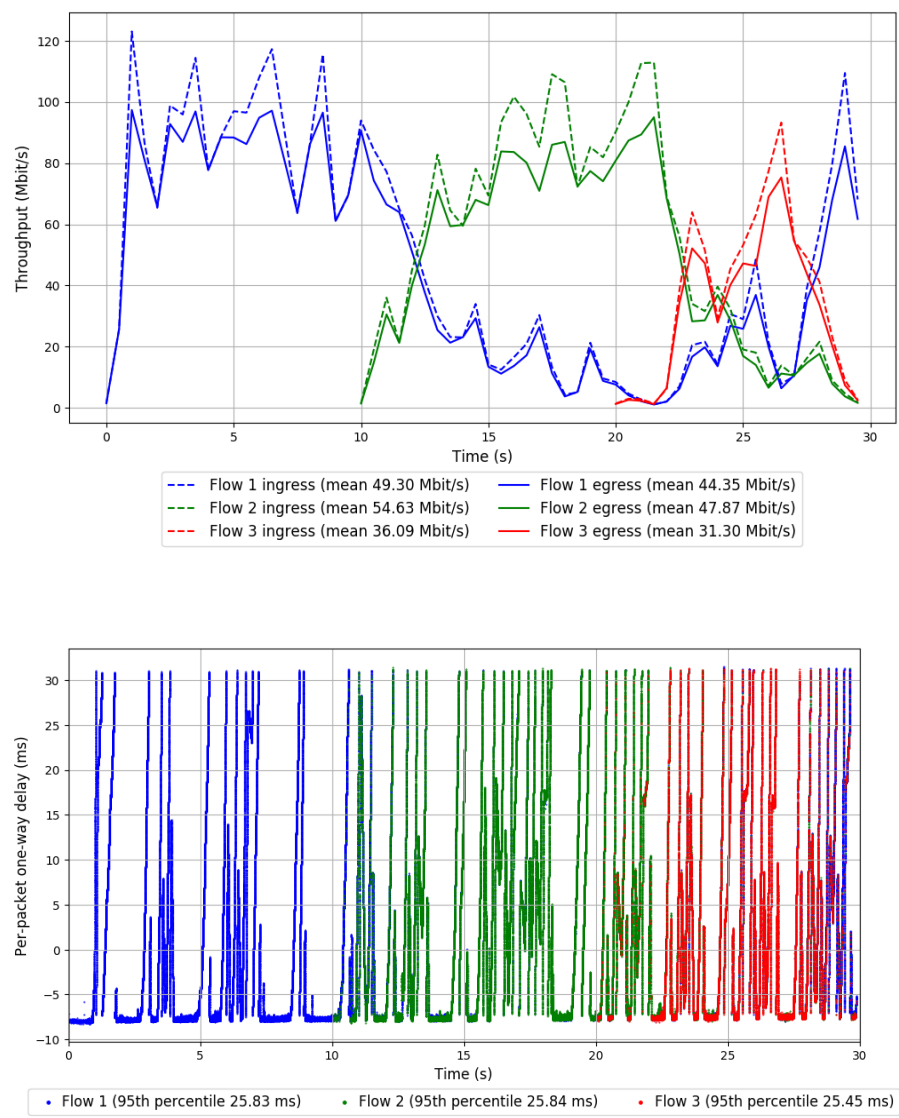
-- Flow 3:

Average throughput: 31.30 Mbit/s

95th percentile per-packet one-way delay: 25.454 ms

Loss rate: 13.25%

Run 8: Report of Vivace-loss — Data Link

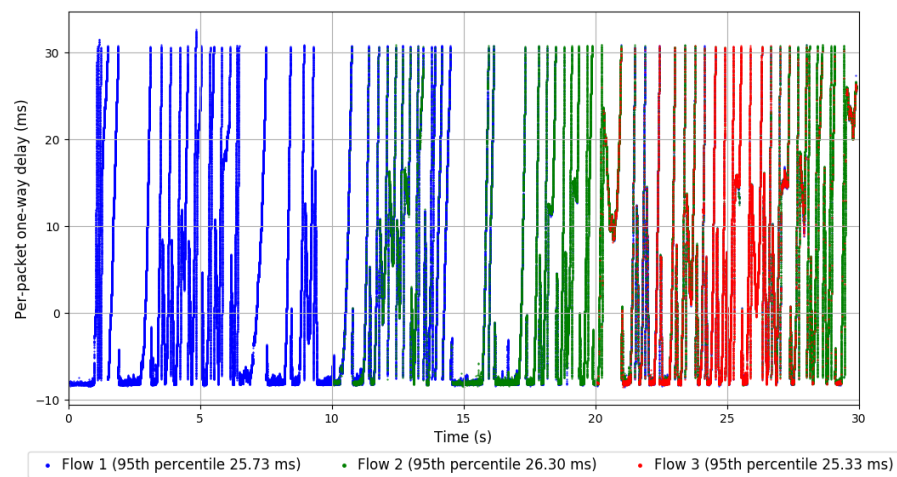
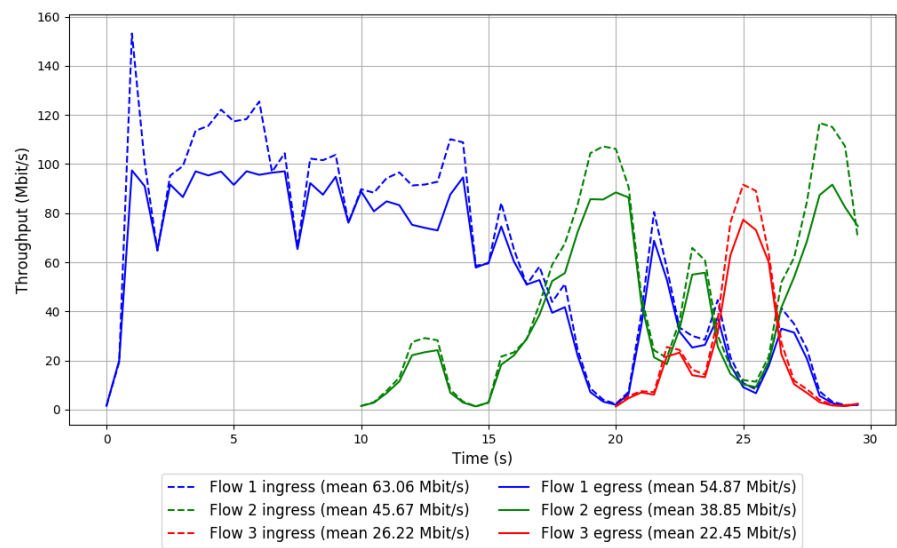


Run 9: Statistics of Vivace-loss

Start at: 2018-02-20 16:24:14
End at: 2018-02-20 16:24:44
Local clock offset: -4.231 ms
Remote clock offset: -25.462 ms

Below is generated by plot.py at 2018-02-20 18:03:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.12 Mbit/s
95th percentile per-packet one-way delay: 25.934 ms
Loss rate: 13.57%
-- Flow 1:
Average throughput: 54.87 Mbit/s
95th percentile per-packet one-way delay: 25.733 ms
Loss rate: 12.90%
-- Flow 2:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 26.296 ms
Loss rate: 14.81%
-- Flow 3:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: 25.329 ms
Loss rate: 14.09%

Run 9: Report of Vivace-loss — Data Link

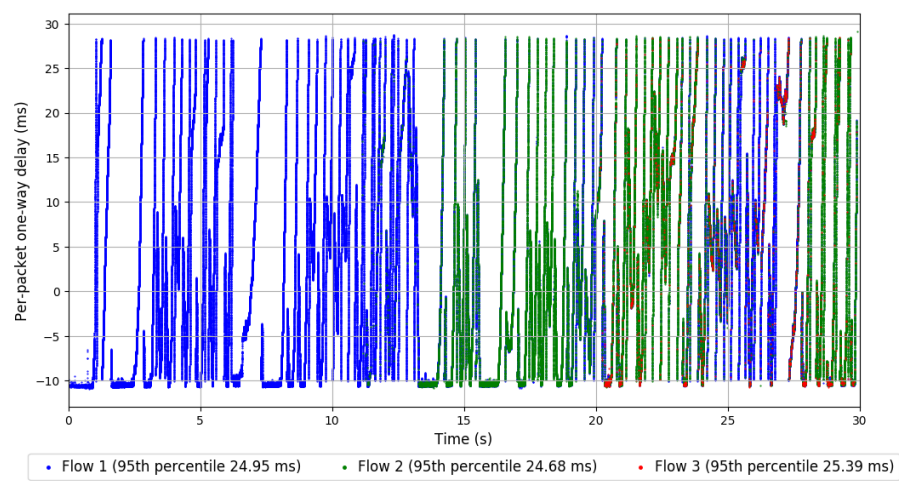
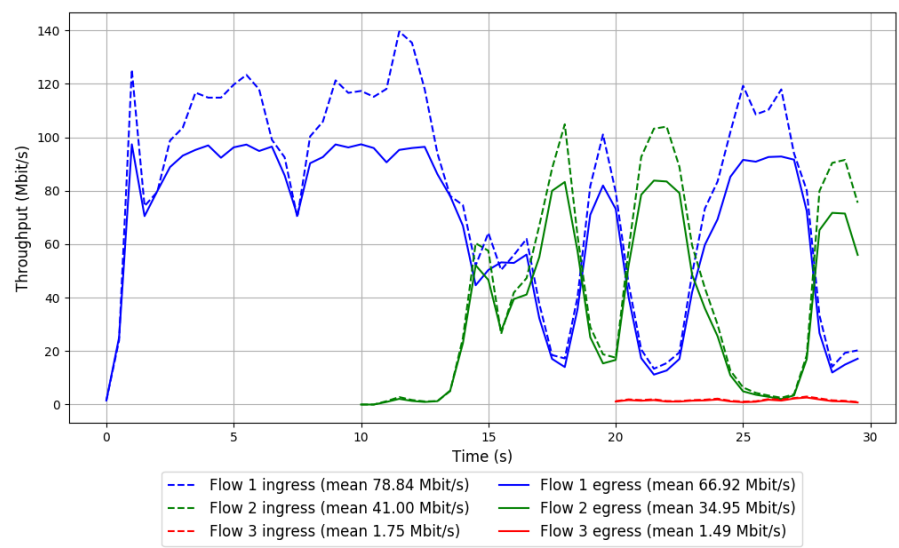


Run 10: Statistics of Vivace-loss

Start at: 2018-02-20 16:46:14
End at: 2018-02-20 16:46:44
Local clock offset: 1.428 ms
Remote clock offset: -29.007 ms

Below is generated by plot.py at 2018-02-20 18:04:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 24.900 ms
Loss rate: 15.24%
-- Flow 1:
Average throughput: 66.92 Mbit/s
95th percentile per-packet one-way delay: 24.949 ms
Loss rate: 15.04%
-- Flow 2:
Average throughput: 34.95 Mbit/s
95th percentile per-packet one-way delay: 24.677 ms
Loss rate: 15.83%
-- Flow 3:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 25.387 ms
Loss rate: 14.59%

Run 10: Report of Vivace-loss — Data Link

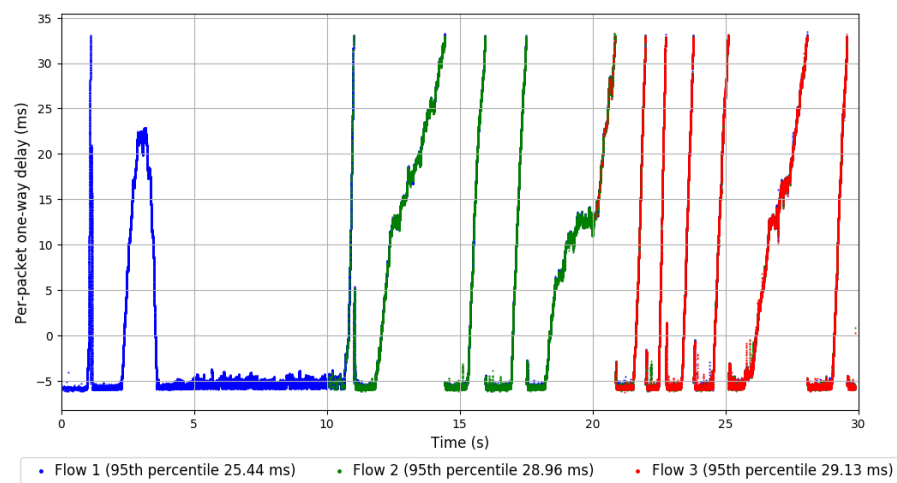
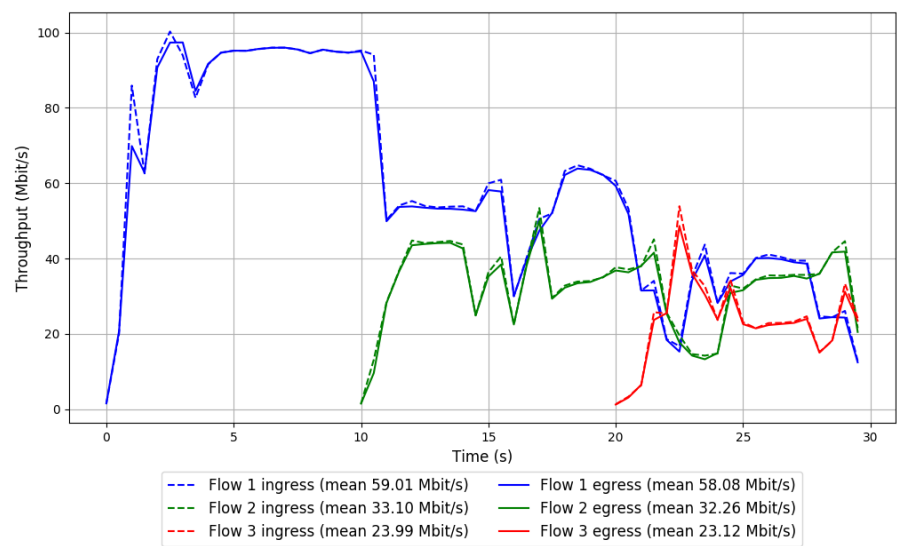


```
Run 1: Statistics of Vivace-LTE

Start at: 2018-02-20 13:42:27
End at: 2018-02-20 13:42:57
Local clock offset: 2.615 ms
Remote clock offset: -17.1 ms

# Below is generated by plot.py at 2018-02-20 18:04:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: 27.404 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 58.08 Mbit/s
95th percentile per-packet one-way delay: 25.438 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 28.960 ms
Loss rate: 2.50%
-- Flow 3:
Average throughput: 23.12 Mbit/s
95th percentile per-packet one-way delay: 29.132 ms
Loss rate: 3.76%
```

Run 1: Report of Vivace-LTE — Data Link

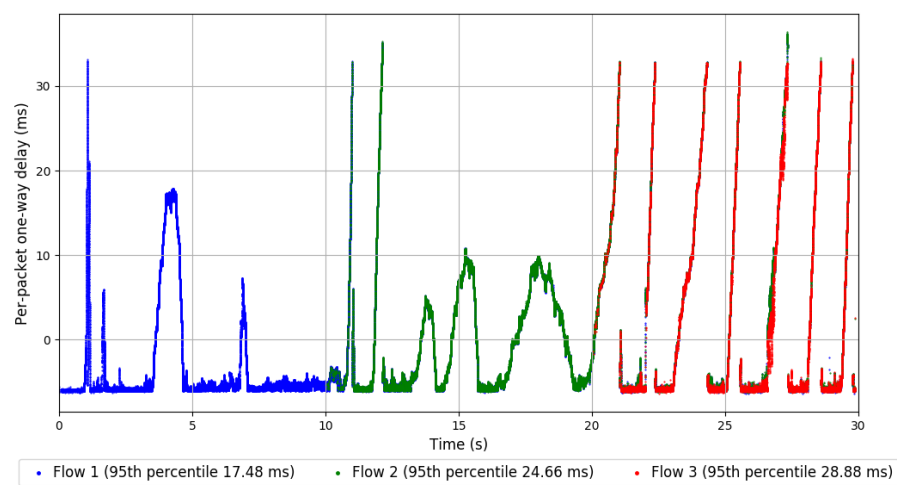
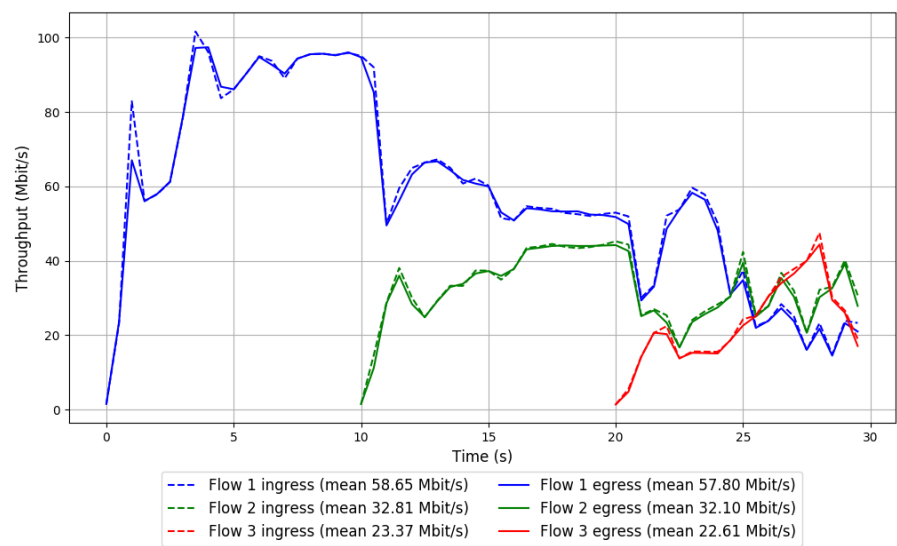


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-20 14:04:02
End at: 2018-02-20 14:04:32
Local clock offset: -3.616 ms
Remote clock offset: -18.21 ms

Below is generated by plot.py at 2018-02-20 18:04:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.59 Mbit/s
95th percentile per-packet one-way delay: 21.977 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 17.484 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 32.10 Mbit/s
95th percentile per-packet one-way delay: 24.664 ms
Loss rate: 2.10%
-- Flow 3:
Average throughput: 22.61 Mbit/s
95th percentile per-packet one-way delay: 28.877 ms
Loss rate: 3.24%

Run 2: Report of Vivace-LTE — Data Link

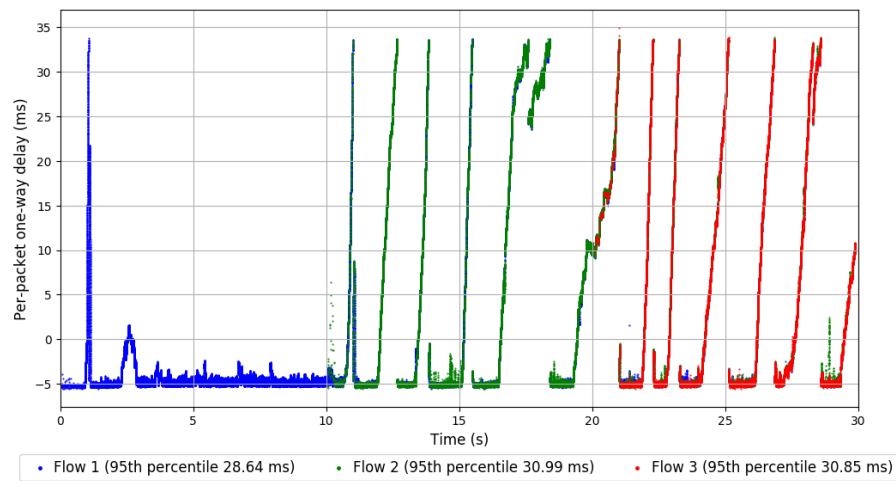
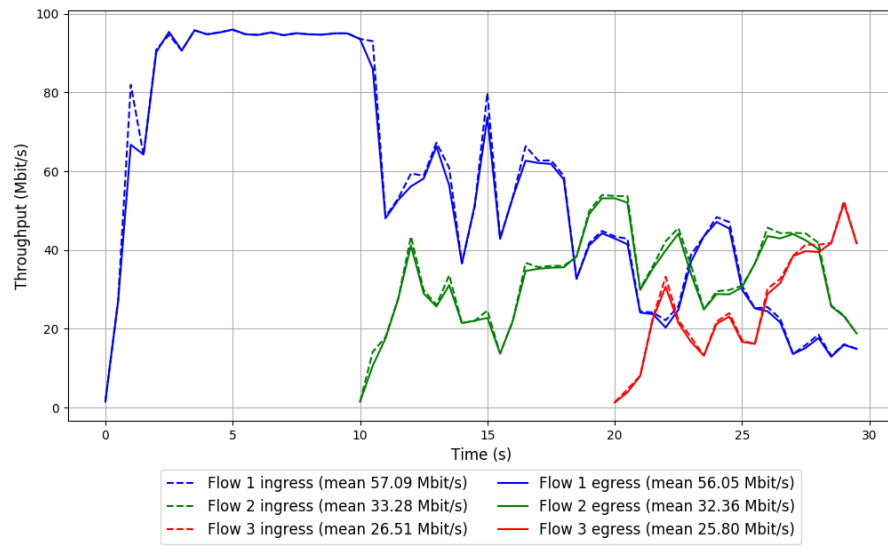


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-20 14:25:50
End at: 2018-02-20 14:26:20
Local clock offset: -3.245 ms
Remote clock offset: -19.125 ms

Below is generated by plot.py at 2018-02-20 18:04:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 29.729 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 28.645 ms
Loss rate: 1.78%
-- Flow 2:
Average throughput: 32.36 Mbit/s
95th percentile per-packet one-way delay: 30.991 ms
Loss rate: 2.68%
-- Flow 3:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 30.854 ms
Loss rate: 2.68%

Run 3: Report of Vivace-LTE — Data Link

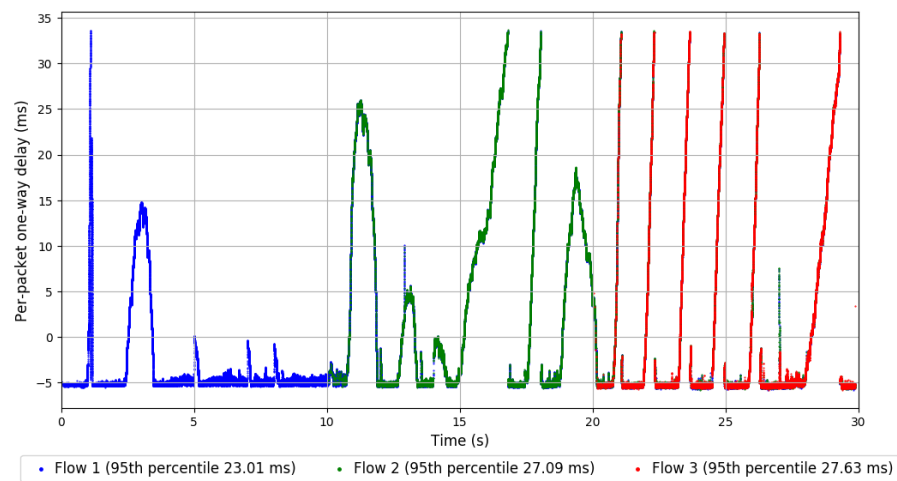
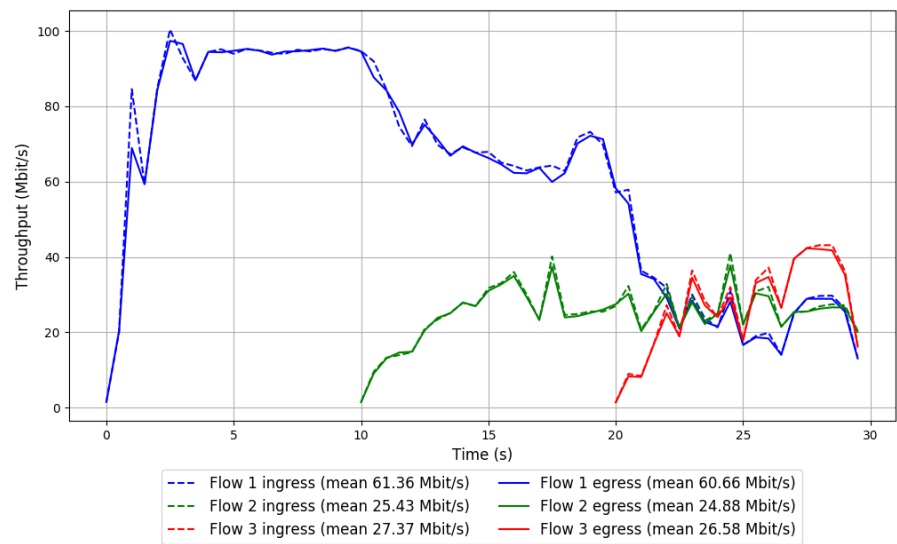


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-20 14:47:55
End at: 2018-02-20 14:48:25
Local clock offset: -0.917 ms
Remote clock offset: -18.705 ms

Below is generated by plot.py at 2018-02-20 18:04:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.94 Mbit/s
95th percentile per-packet one-way delay: 24.779 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 60.66 Mbit/s
95th percentile per-packet one-way delay: 23.008 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 27.095 ms
Loss rate: 2.18%
-- Flow 3:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 27.631 ms
Loss rate: 2.90%

Run 4: Report of Vivace-LTE — Data Link

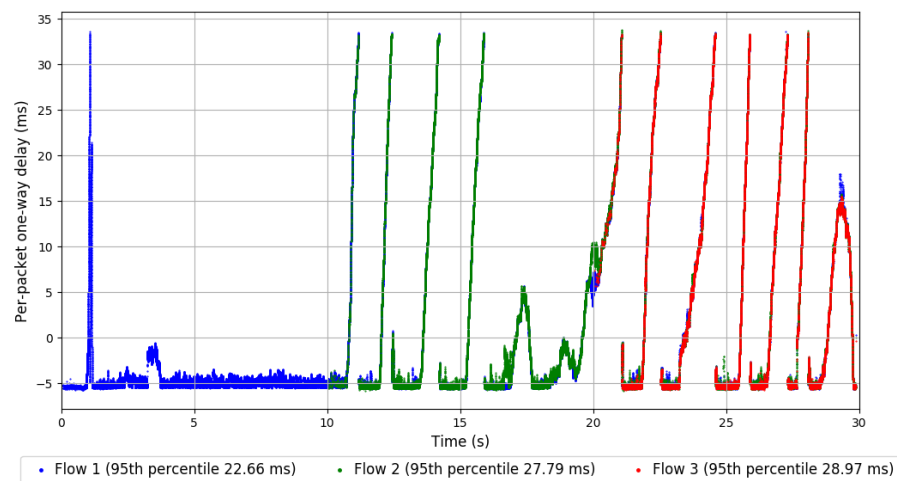
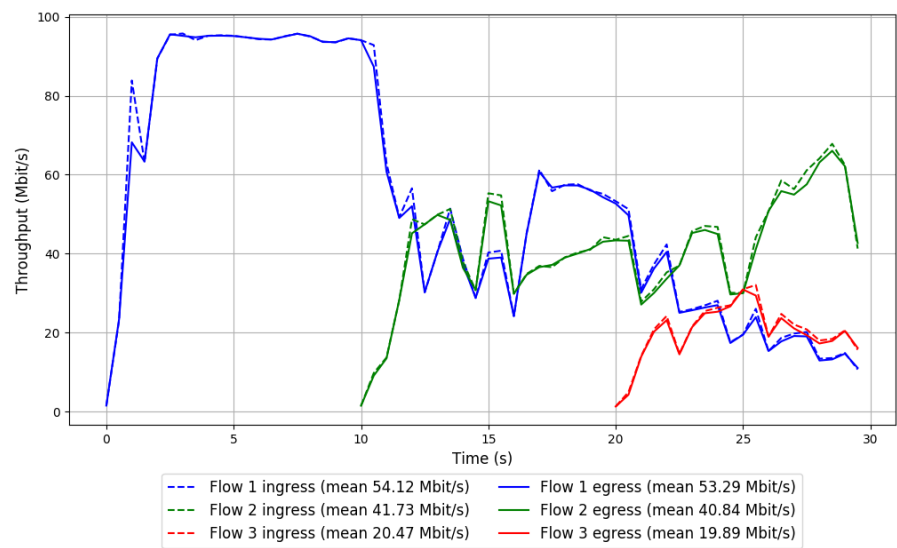


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-20 15:09:35
End at: 2018-02-20 15:10:05
Local clock offset: -1.169 ms
Remote clock offset: -12.608 ms

Below is generated by plot.py at 2018-02-20 18:04:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.99 Mbit/s
95th percentile per-packet one-way delay: 26.077 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 53.29 Mbit/s
95th percentile per-packet one-way delay: 22.665 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 27.786 ms
Loss rate: 2.11%
-- Flow 3:
Average throughput: 19.89 Mbit/s
95th percentile per-packet one-way delay: 28.973 ms
Loss rate: 2.94%

Run 5: Report of Vivace-LTE — Data Link

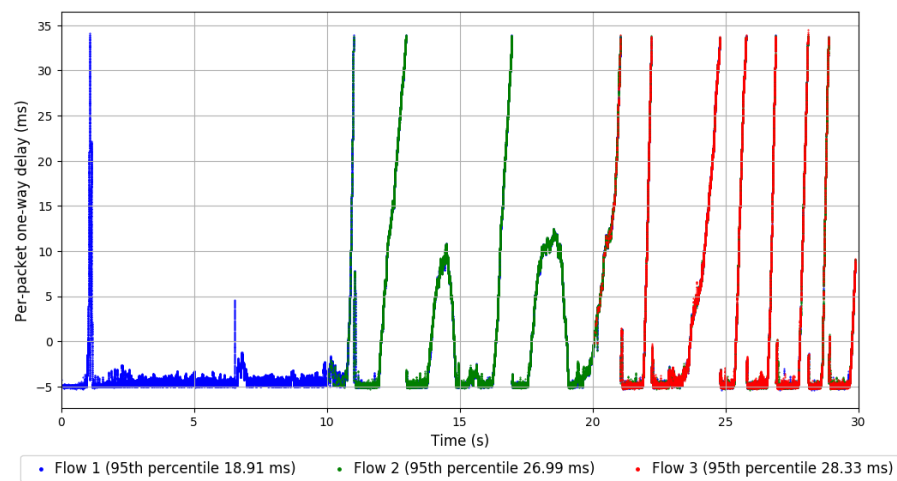
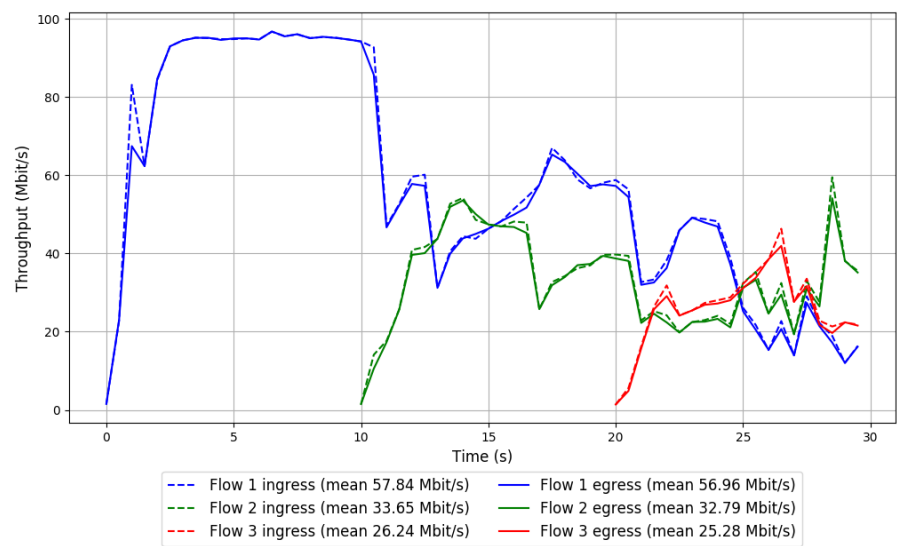


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-20 15:31:18
End at: 2018-02-20 15:31:48
Local clock offset: -0.344 ms
Remote clock offset: -8.521 ms

Below is generated by plot.py at 2018-02-20 18:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 23.018 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 56.96 Mbit/s
95th percentile per-packet one-way delay: 18.910 ms
Loss rate: 1.48%
-- Flow 2:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 26.987 ms
Loss rate: 2.48%
-- Flow 3:
Average throughput: 25.28 Mbit/s
95th percentile per-packet one-way delay: 28.330 ms
Loss rate: 3.57%

Run 6: Report of Vivace-LTE — Data Link

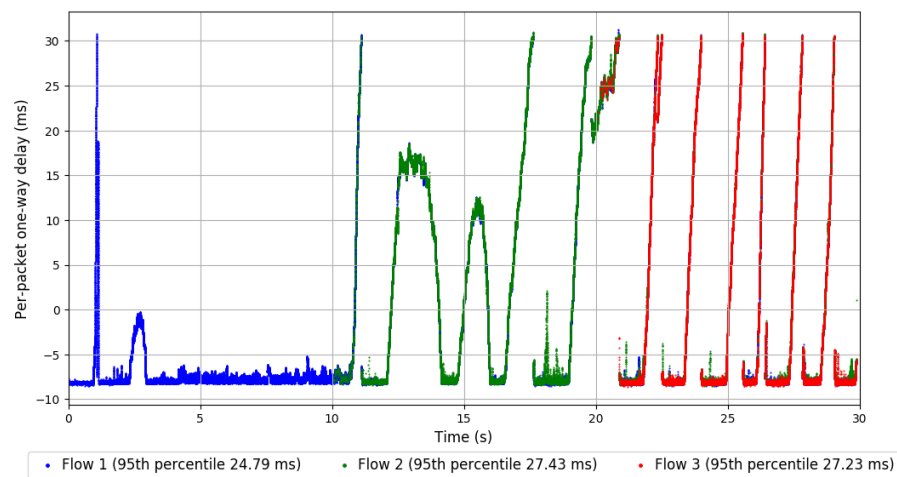
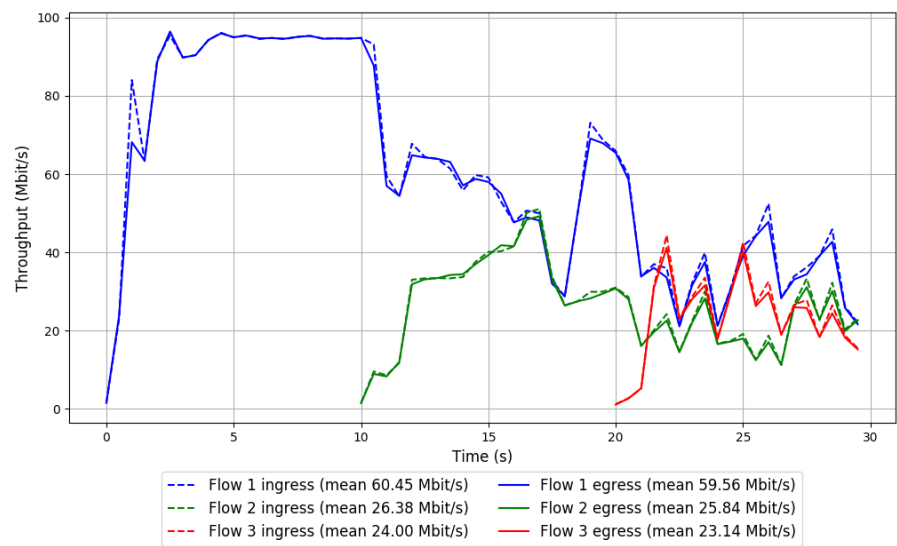


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-20 15:53:17
End at: 2018-02-20 15:53:47
Local clock offset: 0.506 ms
Remote clock offset: -7.445 ms

Below is generated by plot.py at 2018-02-20 18:04:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 25.490 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 59.56 Mbit/s
95th percentile per-packet one-way delay: 24.788 ms
Loss rate: 1.48%
-- Flow 2:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 27.427 ms
Loss rate: 2.01%
-- Flow 3:
Average throughput: 23.14 Mbit/s
95th percentile per-packet one-way delay: 27.231 ms
Loss rate: 3.84%

Run 7: Report of Vivace-LTE — Data Link

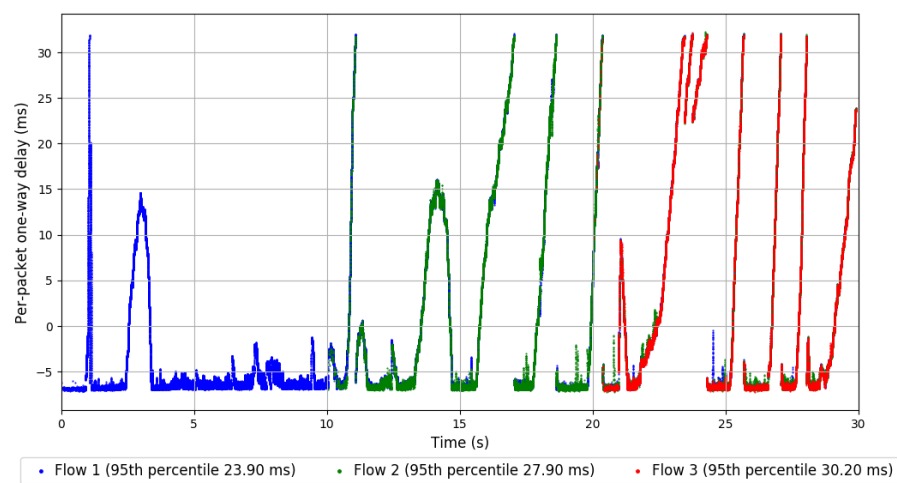
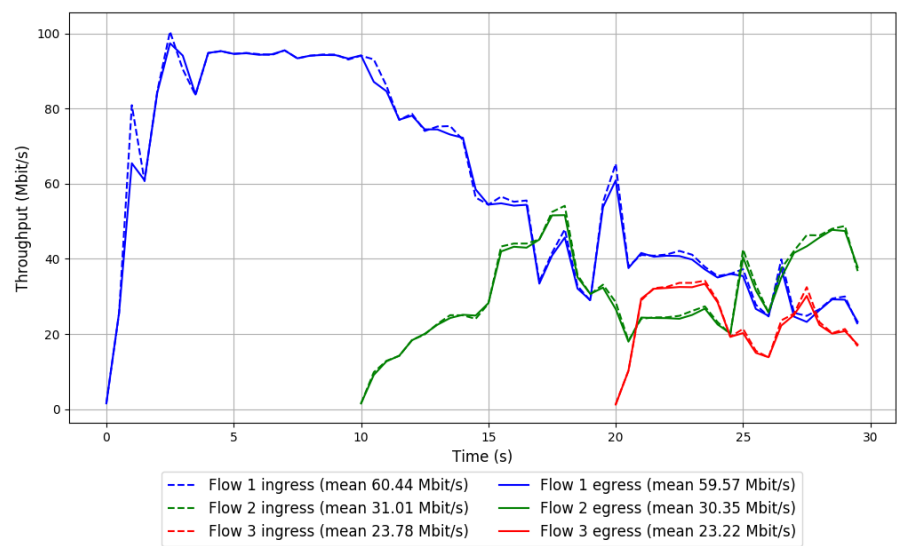


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-20 16:15:11
End at: 2018-02-20 16:15:41
Local clock offset: -4.867 ms
Remote clock offset: -23.643 ms

Below is generated by plot.py at 2018-02-20 18:04:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 26.511 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 23.897 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 30.35 Mbit/s
95th percentile per-packet one-way delay: 27.898 ms
Loss rate: 1.96%
-- Flow 3:
Average throughput: 23.22 Mbit/s
95th percentile per-packet one-way delay: 30.197 ms
Loss rate: 2.20%

Run 8: Report of Vivace-LTE — Data Link

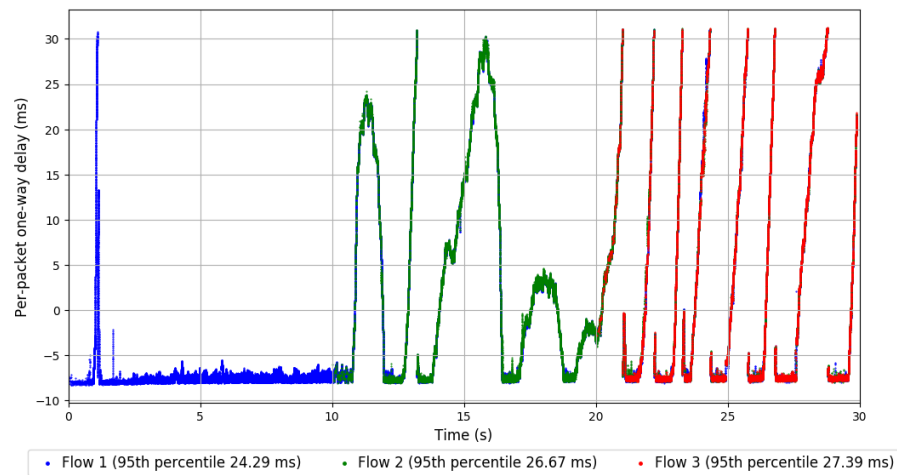
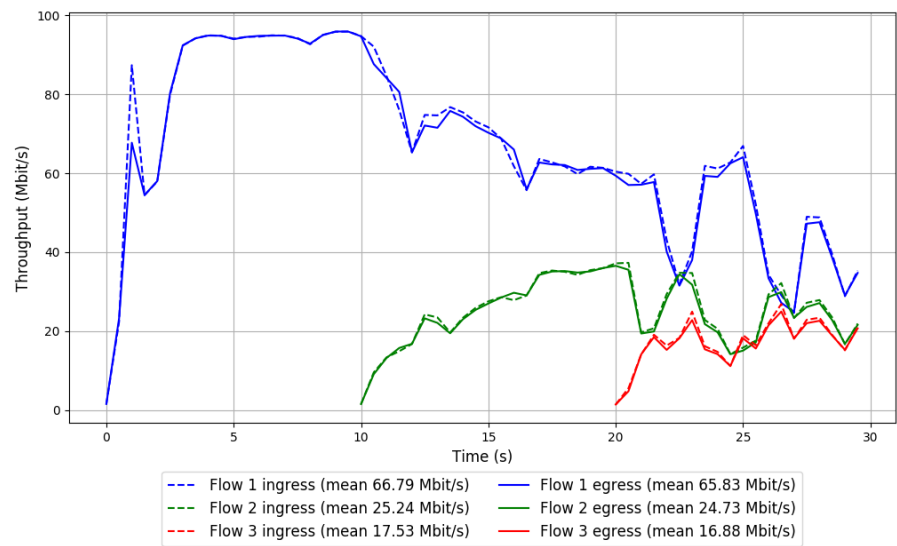


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-20 16:37:25
End at: 2018-02-20 16:37:55
Local clock offset: -3.212 ms
Remote clock offset: -26.26 ms

Below is generated by plot.py at 2018-02-20 18:04:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.85 Mbit/s
95th percentile per-packet one-way delay: 25.452 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 65.83 Mbit/s
95th percentile per-packet one-way delay: 24.285 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 26.667 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 16.88 Mbit/s
95th percentile per-packet one-way delay: 27.392 ms
Loss rate: 3.49%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-20 16:59:16
End at: 2018-02-20 16:59:46
Local clock offset: 0.587 ms
Remote clock offset: -28.793 ms

Below is generated by plot.py at 2018-02-20 18:04:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.98 Mbit/s
95th percentile per-packet one-way delay: 22.126 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 15.498 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 30.75 Mbit/s
95th percentile per-packet one-way delay: 24.130 ms
Loss rate: 1.91%
-- Flow 3:
Average throughput: 28.44 Mbit/s
95th percentile per-packet one-way delay: 28.823 ms
Loss rate: 3.20%

Run 10: Report of Vivace-LTE — Data Link

