

Pantheon Report

Generated at 2018-08-02 03:52:00 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

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

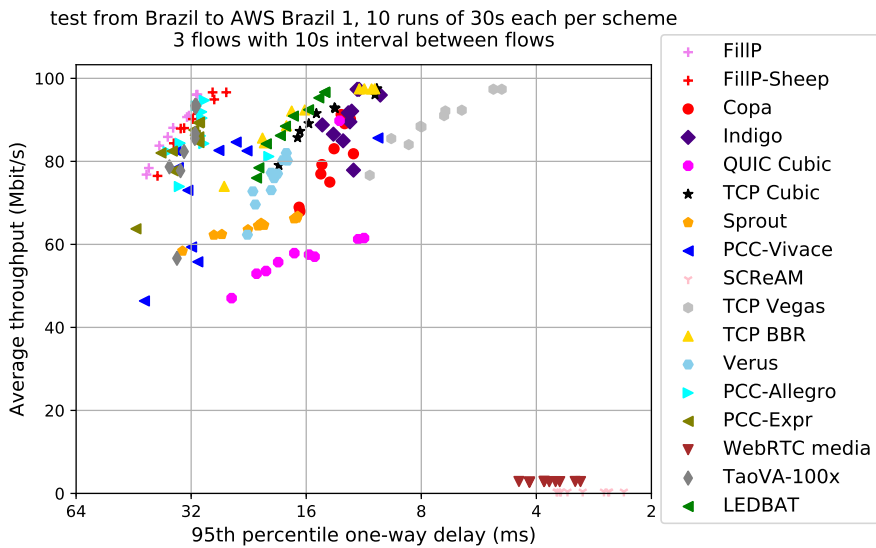
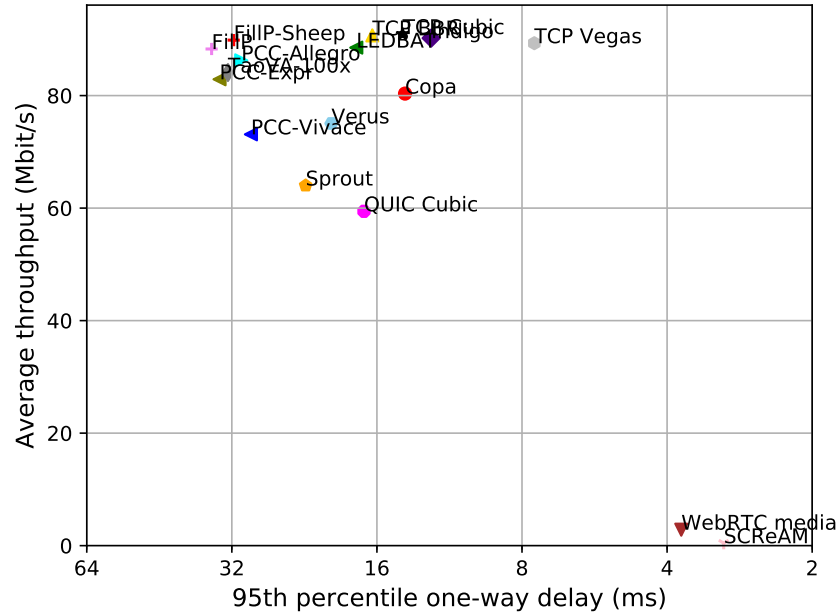
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from Brazil to AWS Brazil 1, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



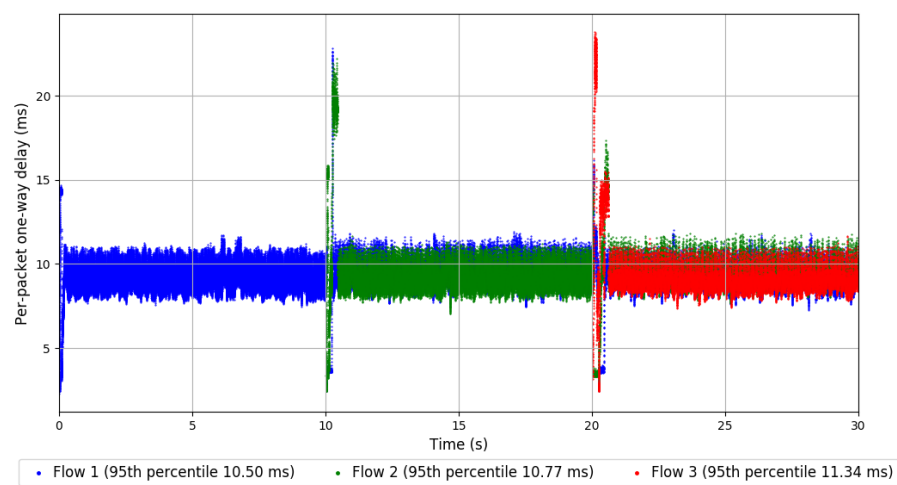
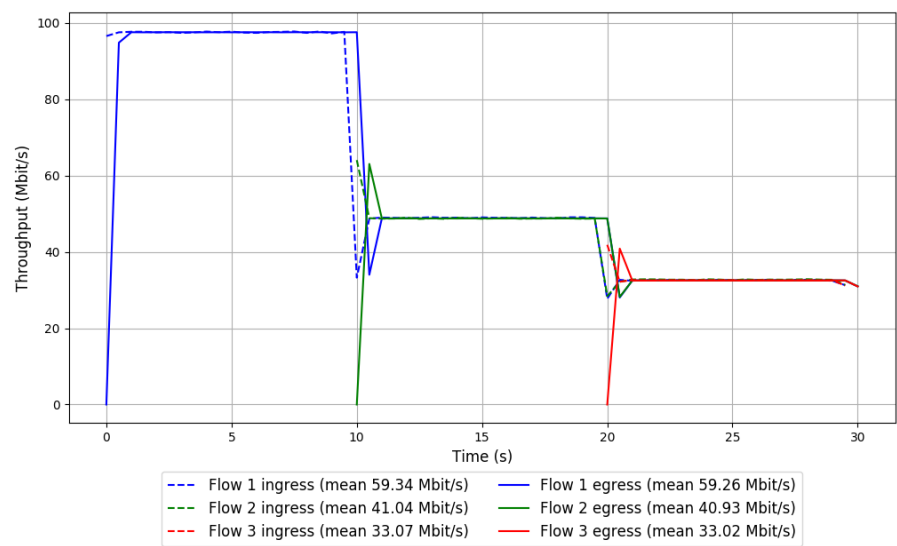
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	55.15	38.07	30.70	16.23	16.86	16.32	0.83	1.34	1.12
Copa	10	47.60	34.93	28.56	12.64	14.56	16.45	0.03	0.06	0.11
TCP Cubic	10	55.61	37.91	30.32	14.39	13.93	13.75	0.08	0.14	0.25
FillP	10	54.52	36.49	28.63	32.86	35.86	39.67	2.49	5.38	5.37
FillP-Sheep	10	55.05	37.49	29.76	29.80	33.59	33.13	2.24	3.30	2.07
Indigo	10	54.88	38.08	30.46	11.22	13.76	12.80	0.02	0.48	0.33
LEDBAT	10	53.99	37.04	29.72	17.38	18.24	17.40	0.13	0.23	0.38
PCC-Allegro	10	60.64	28.08	21.16	30.15	26.79	19.32	4.25	1.47	0.24
PCC-Expr	10	51.17	35.07	25.49	31.65	35.54	36.40	0.82	0.76	0.52
QUIC Cubic	10	6.31	60.46	42.07	3.53	16.95	17.18	0.02	0.14	0.34
SCReAM	10	0.22	0.22	0.22	3.02	3.06	3.04	0.00	0.04	0.14
Sprout	10	33.51	31.72	28.54	20.27	22.83	26.13	0.06	0.09	0.23
TaoVA-100x	10	51.27	36.18	26.27	31.39	33.51	33.51	0.25	0.48	1.15
TCP Vegas	10	50.93	41.07	33.19	7.21	7.30	8.26	0.01	0.02	0.06
Verus	10	44.44	31.95	28.13	17.63	21.27	25.48	0.04	0.04	0.34
PCC-Vivace	10	45.39	31.94	19.63	26.75	28.57	30.01	0.82	1.09	1.08
WebRTC media	10	1.53	0.88	0.43	3.71	3.69	4.03	0.00	0.08	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-08-02 00:17:31
End at: 2018-08-02 00:18:01
Local clock offset: -4.05 ms
Remote clock offset: -2.485 ms

Below is generated by plot.py at 2018-08-02 03:30:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 10.593 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 10.499 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 40.93 Mbit/s
95th percentile per-packet one-way delay: 10.765 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 11.341 ms
Loss rate: 0.20%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-08-02 00:36:42

End at: 2018-08-02 00:37:12

Local clock offset: -3.796 ms

Remote clock offset: -2.18 ms

Below is generated by plot.py at 2018-08-02 03:30:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 10.793 ms

Loss rate: 0.35%

-- Flow 1:

Average throughput: 59.26 Mbit/s

95th percentile per-packet one-way delay: 10.772 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 40.91 Mbit/s

95th percentile per-packet one-way delay: 10.859 ms

Loss rate: 0.33%

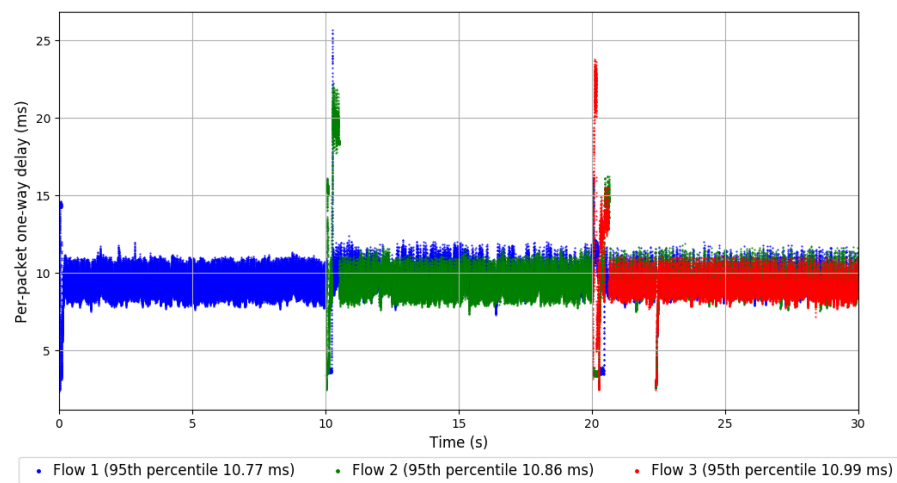
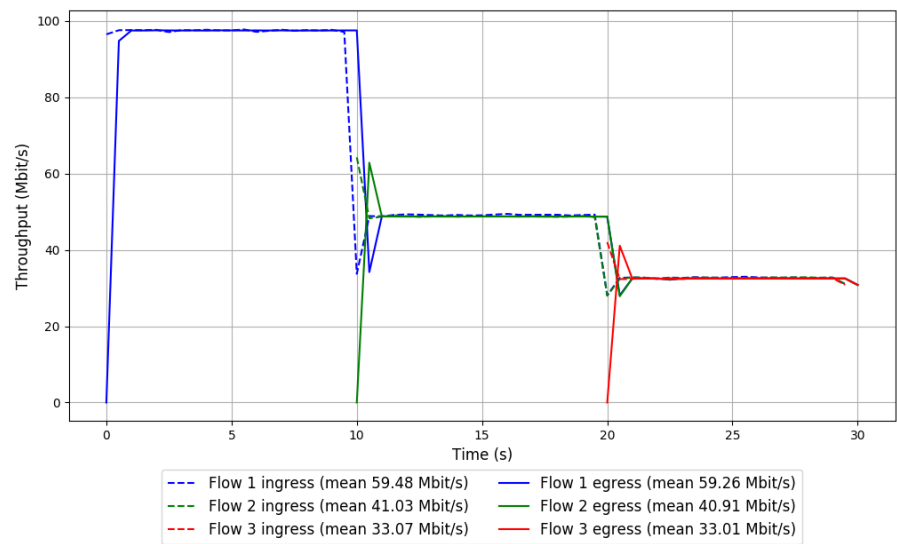
-- Flow 3:

Average throughput: 33.01 Mbit/s

95th percentile per-packet one-way delay: 10.988 ms

Loss rate: 0.21%

Run 2: Report of TCP BBR — Data Link

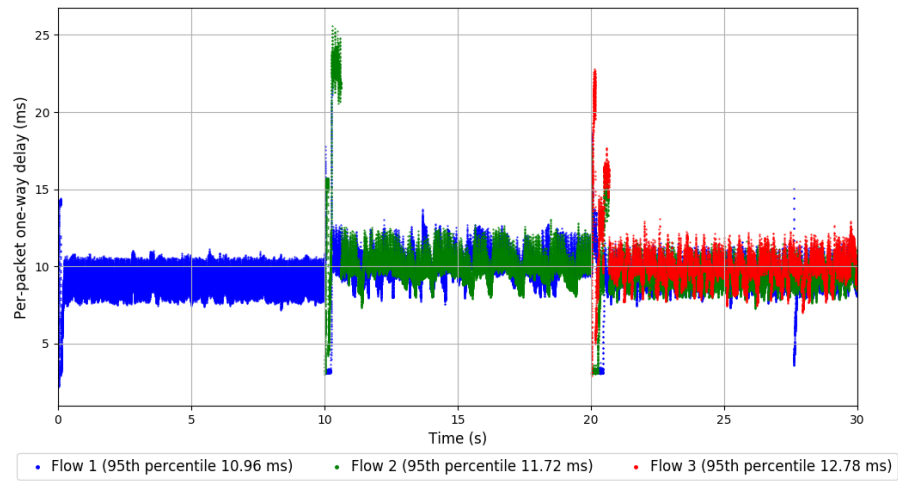
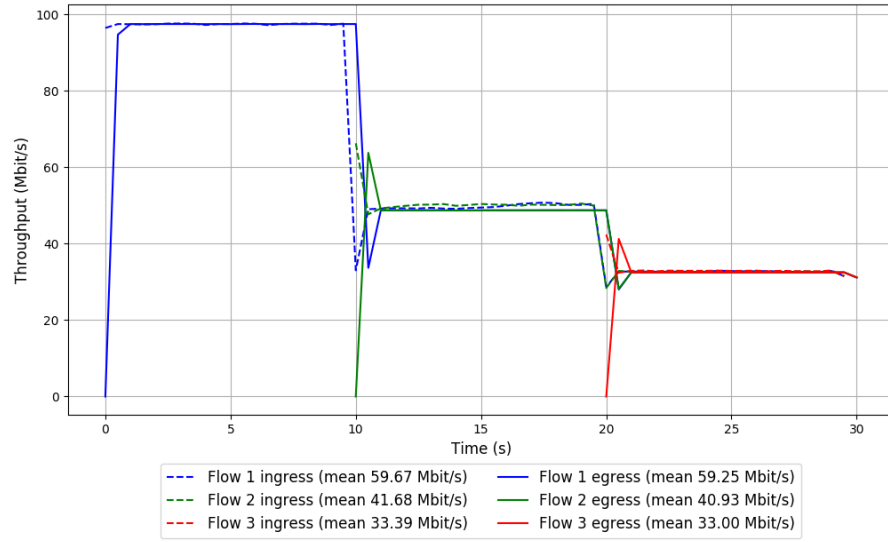


Run 3: Statistics of TCP BBR

Start at: 2018-08-02 00:55:52
End at: 2018-08-02 00:56:22
Local clock offset: -3.483 ms
Remote clock offset: -2.305 ms

Below is generated by plot.py at 2018-08-02 03:30:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 11.275 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 10.957 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 40.93 Mbit/s
95th percentile per-packet one-way delay: 11.720 ms
Loss rate: 1.83%
-- Flow 3:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 12.777 ms
Loss rate: 1.22%

Run 3: Report of TCP BBR — Data Link

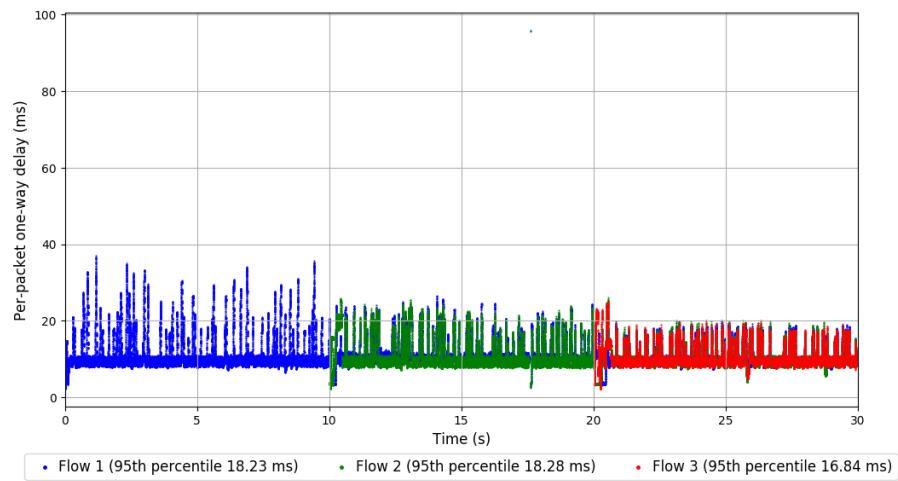
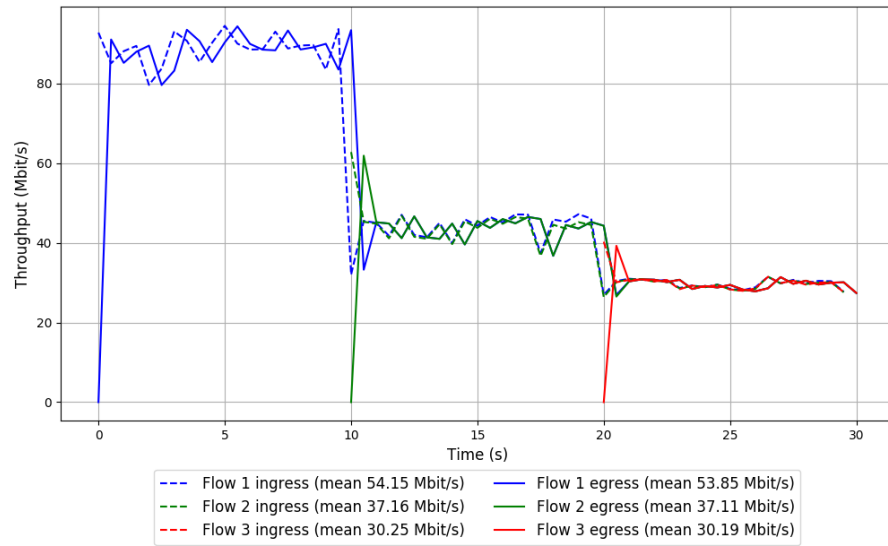


Run 4: Statistics of TCP BBR

Start at: 2018-08-02 01:15:00
End at: 2018-08-02 01:15:30
Local clock offset: -2.535 ms
Remote clock offset: -2.848 ms

Below is generated by plot.py at 2018-08-02 03:30:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 18.022 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 53.85 Mbit/s
95th percentile per-packet one-way delay: 18.233 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 37.11 Mbit/s
95th percentile per-packet one-way delay: 18.282 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 16.843 ms
Loss rate: 0.26%

Run 4: Report of TCP BBR — Data Link

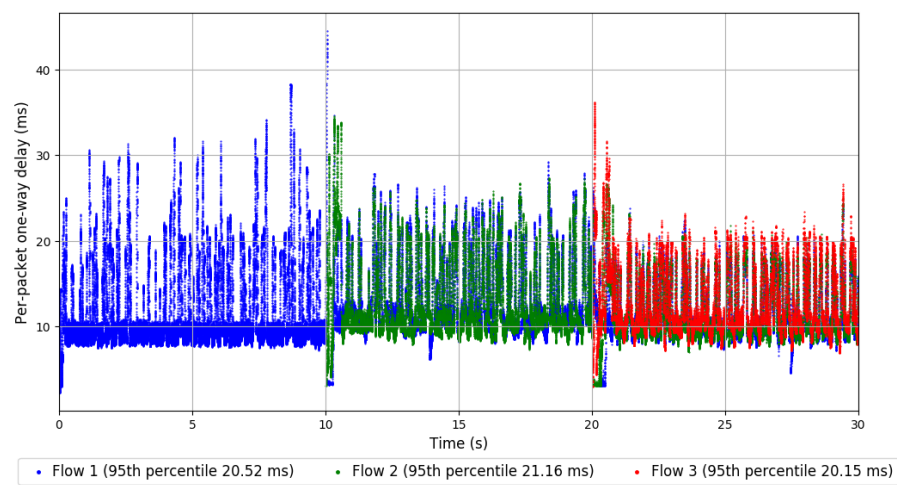
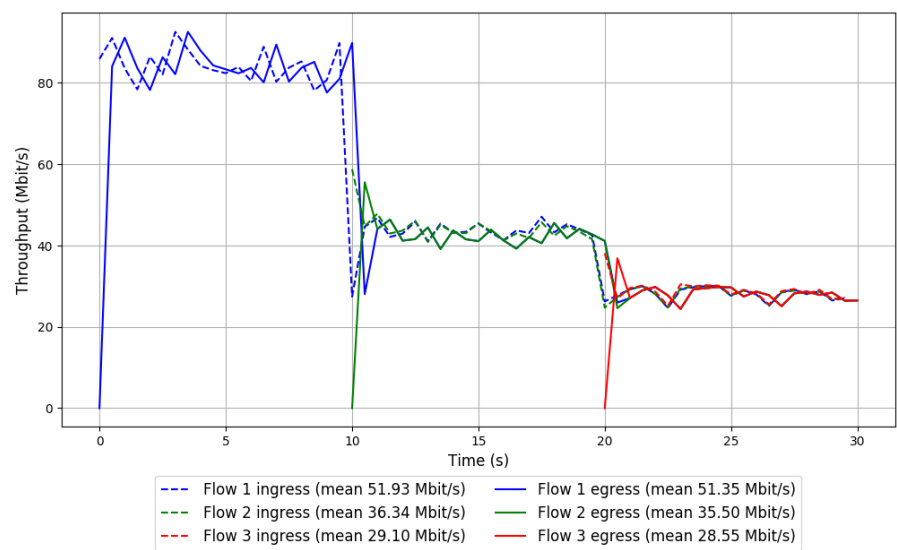


Run 5: Statistics of TCP BBR

Start at: 2018-08-02 01:34:05
End at: 2018-08-02 01:34:35
Local clock offset: -2.277 ms
Remote clock offset: -5.513 ms

Below is generated by plot.py at 2018-08-02 03:30:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 20.591 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 51.35 Mbit/s
95th percentile per-packet one-way delay: 20.521 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 21.162 ms
Loss rate: 2.31%
-- Flow 3:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 20.149 ms
Loss rate: 1.96%

Run 5: Report of TCP BBR — Data Link

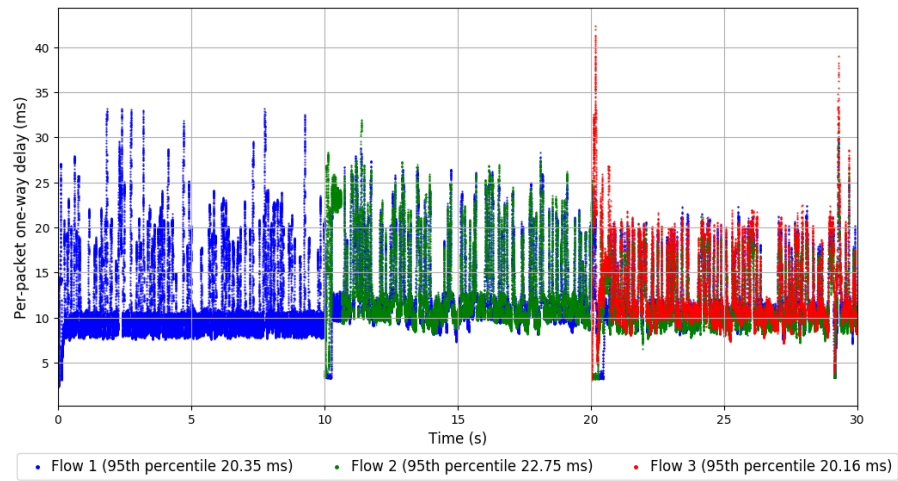
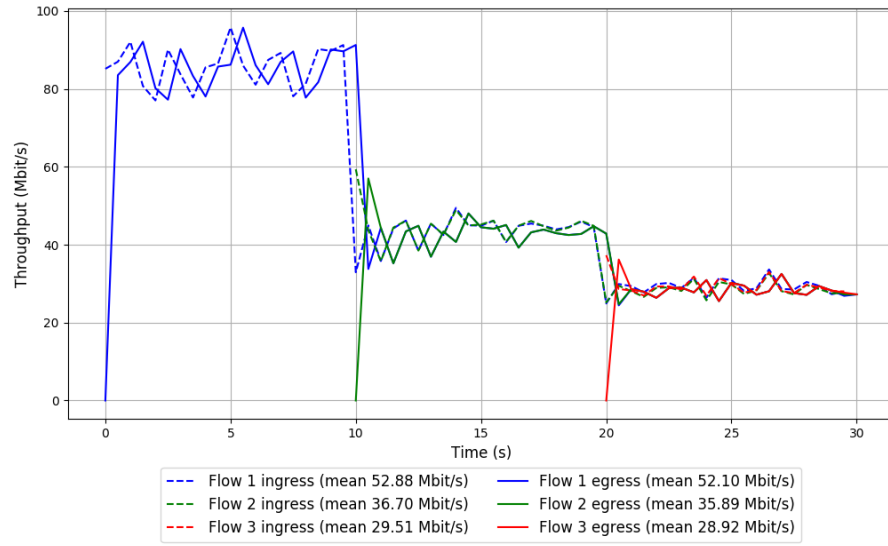


Run 6: Statistics of TCP BBR

Start at: 2018-08-02 01:53:09
End at: 2018-08-02 01:53:39
Local clock offset: -2.177 ms
Remote clock offset: -7.622 ms

Below is generated by plot.py at 2018-08-02 03:30:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.61 Mbit/s
95th percentile per-packet one-way delay: 20.822 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 52.10 Mbit/s
95th percentile per-packet one-way delay: 20.350 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 35.89 Mbit/s
95th percentile per-packet one-way delay: 22.745 ms
Loss rate: 2.23%
-- Flow 3:
Average throughput: 28.92 Mbit/s
95th percentile per-packet one-way delay: 20.164 ms
Loss rate: 2.05%

Run 6: Report of TCP BBR — Data Link

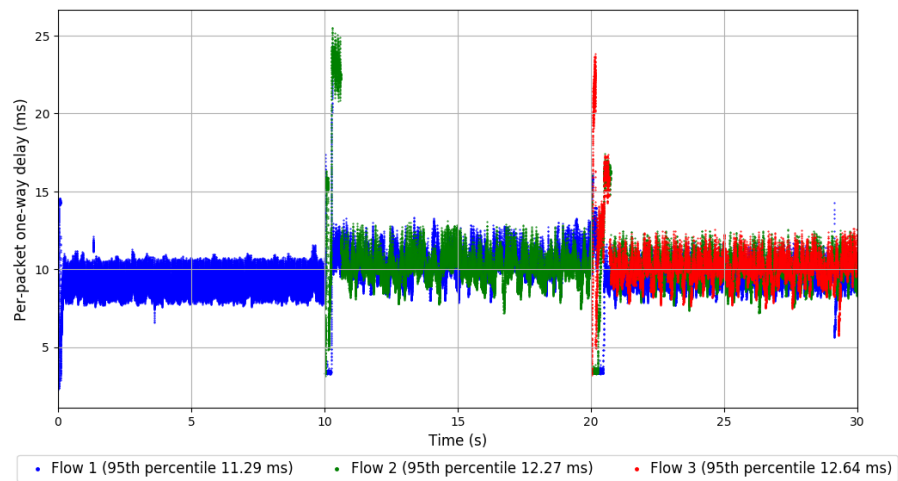
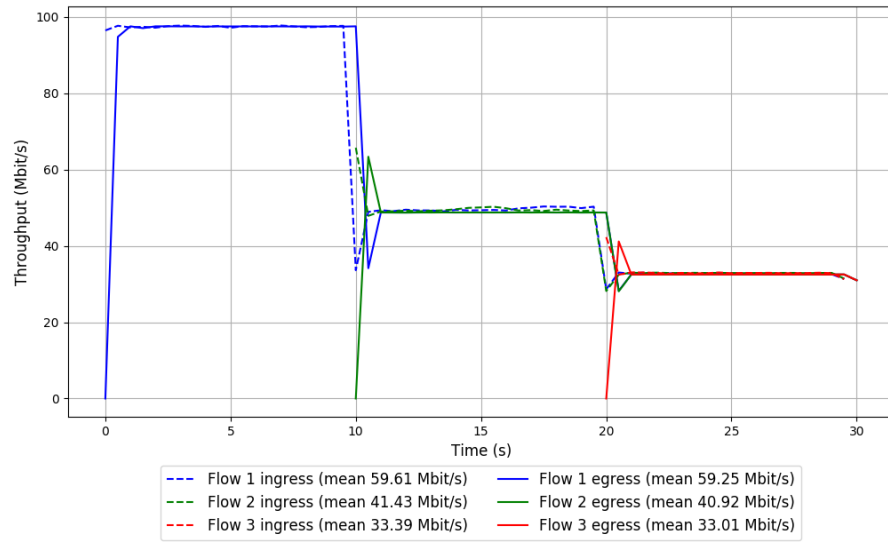


Run 7: Statistics of TCP BBR

Start at: 2018-08-02 02:12:18
End at: 2018-08-02 02:12:48
Local clock offset: -2.717 ms
Remote clock offset: -3.384 ms

Below is generated by plot.py at 2018-08-02 03:30:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 11.623 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 11.295 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 12.266 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 12.643 ms
Loss rate: 1.22%

Run 7: Report of TCP BBR — Data Link

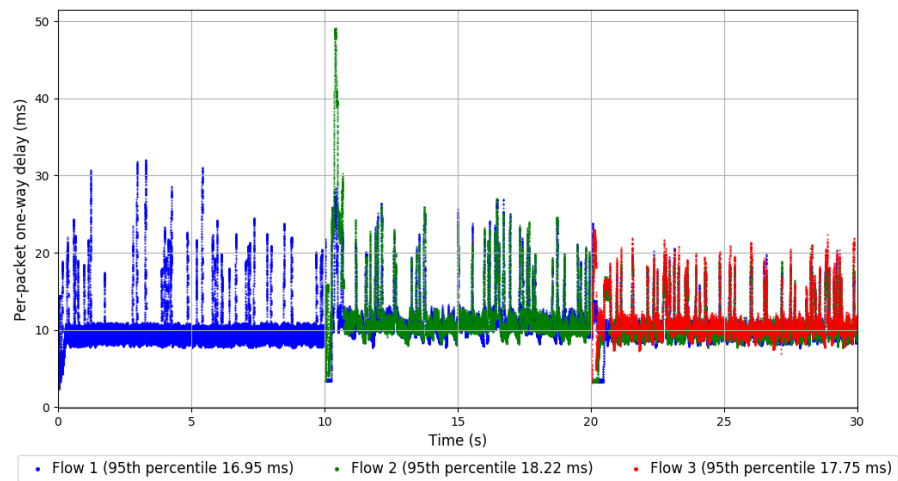
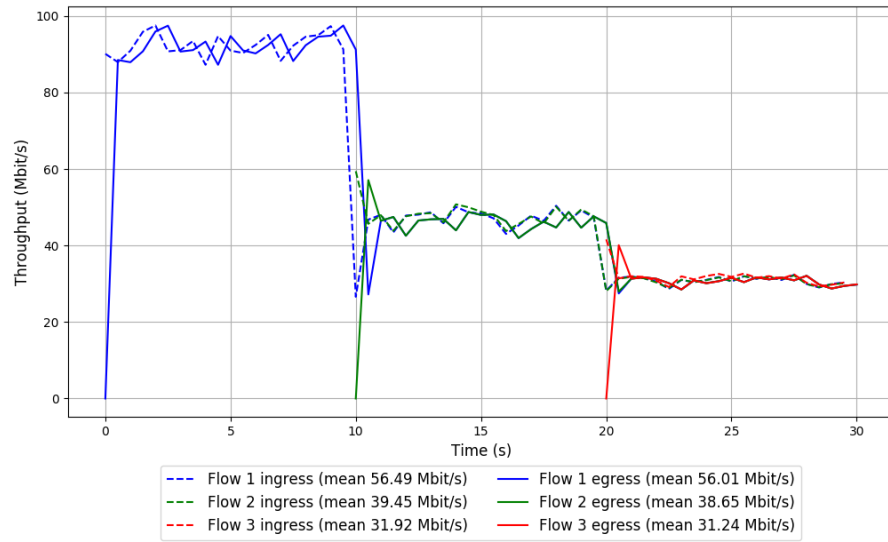


Run 8: Statistics of TCP BBR

Start at: 2018-08-02 02:31:26
End at: 2018-08-02 02:31:56
Local clock offset: -2.375 ms
Remote clock offset: -2.122 ms

Below is generated by plot.py at 2018-08-02 03:30:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.13 Mbit/s
95th percentile per-packet one-way delay: 17.467 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 56.01 Mbit/s
95th percentile per-packet one-way delay: 16.948 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 38.65 Mbit/s
95th percentile per-packet one-way delay: 18.223 ms
Loss rate: 2.05%
-- Flow 3:
Average throughput: 31.24 Mbit/s
95th percentile per-packet one-way delay: 17.747 ms
Loss rate: 2.18%

Run 8: Report of TCP BBR — Data Link

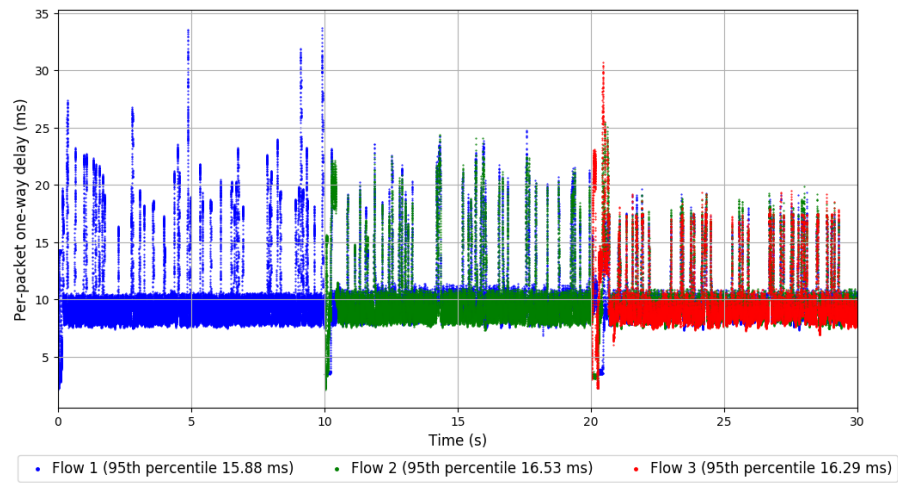
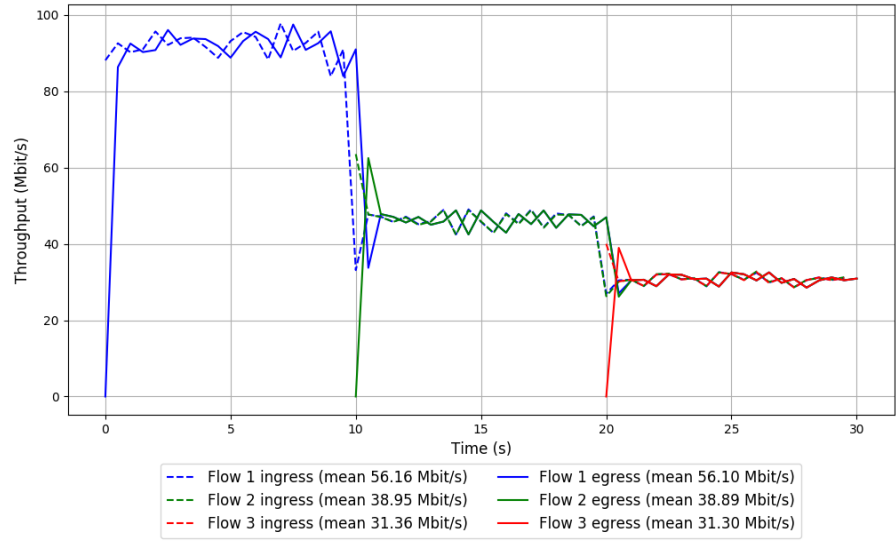


Run 9: Statistics of TCP BBR

Start at: 2018-08-02 02:50:35
End at: 2018-08-02 02:51:05
Local clock offset: -2.027 ms
Remote clock offset: -2.154 ms

Below is generated by plot.py at 2018-08-02 03:31:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 16.141 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.10 Mbit/s
95th percentile per-packet one-way delay: 15.880 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 38.89 Mbit/s
95th percentile per-packet one-way delay: 16.526 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 31.30 Mbit/s
95th percentile per-packet one-way delay: 16.294 ms
Loss rate: 0.26%

Run 9: Report of TCP BBR — Data Link

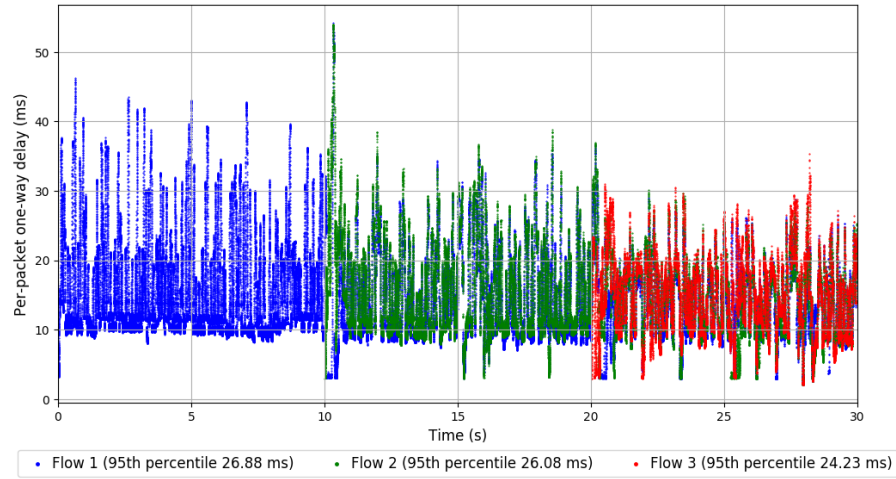
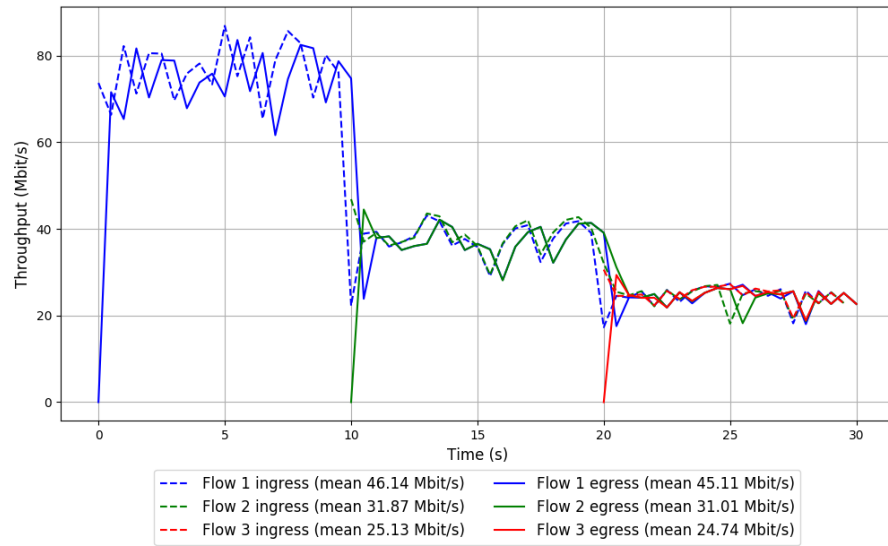


Run 10: Statistics of TCP BBR

Start at: 2018-08-02 03:09:37
End at: 2018-08-02 03:10:07
Local clock offset: -2.288 ms
Remote clock offset: -3.354 ms

Below is generated by plot.py at 2018-08-02 03:31:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.98 Mbit/s
95th percentile per-packet one-way delay: 26.223 ms
Loss rate: 2.31%
-- Flow 1:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 26.880 ms
Loss rate: 2.25%
-- Flow 2:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 26.076 ms
Loss rate: 2.72%
-- Flow 3:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 24.225 ms
Loss rate: 1.60%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-08-02 00:33:18

End at: 2018-08-02 00:33:48

Local clock offset: -3.805 ms

Remote clock offset: -2.16 ms

Below is generated by plot.py at 2018-08-02 03:32:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.08 Mbit/s

95th percentile per-packet one-way delay: 12.696 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 52.57 Mbit/s

95th percentile per-packet one-way delay: 12.934 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 39.06 Mbit/s

95th percentile per-packet one-way delay: 12.492 ms

Loss rate: 0.04%

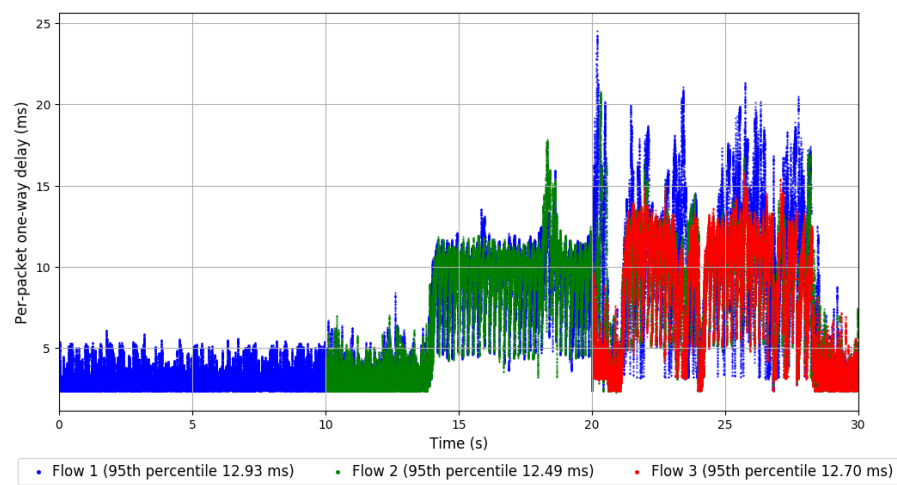
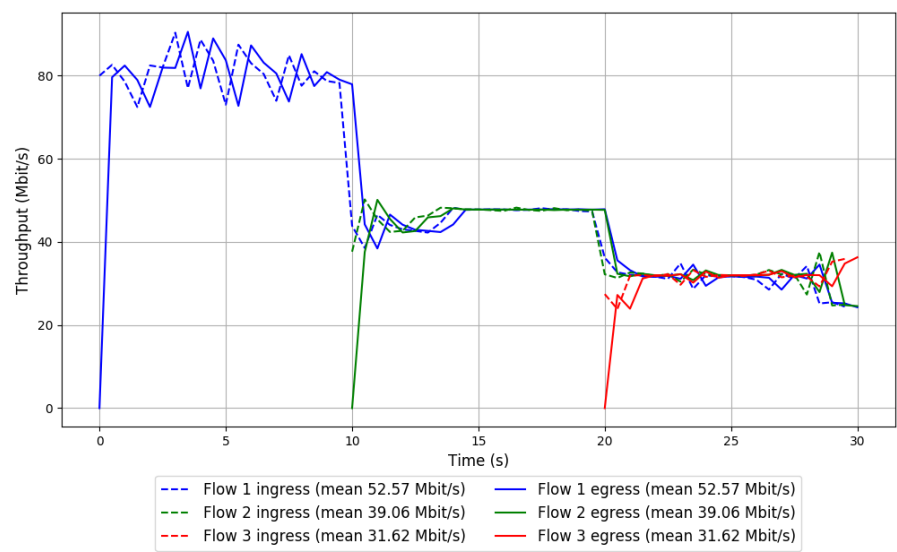
-- Flow 3:

Average throughput: 31.62 Mbit/s

95th percentile per-packet one-way delay: 12.702 ms

Loss rate: 0.06%

Run 1: Report of Copa — Data Link

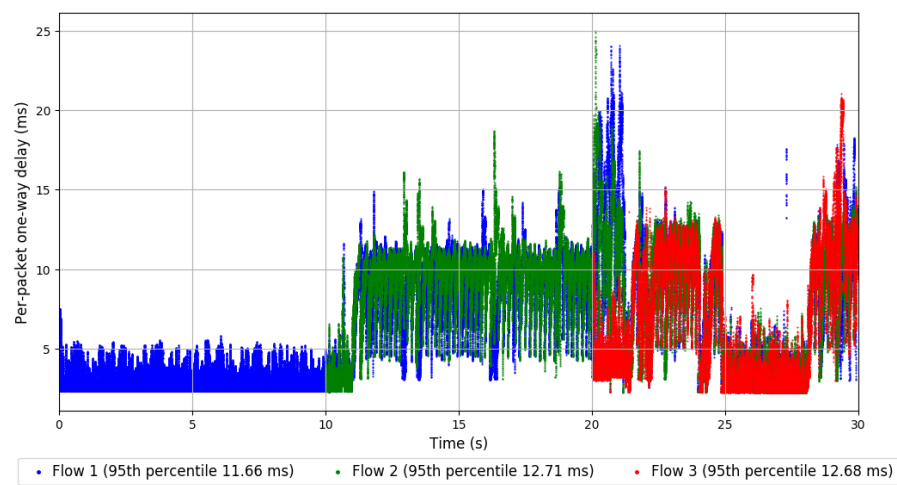
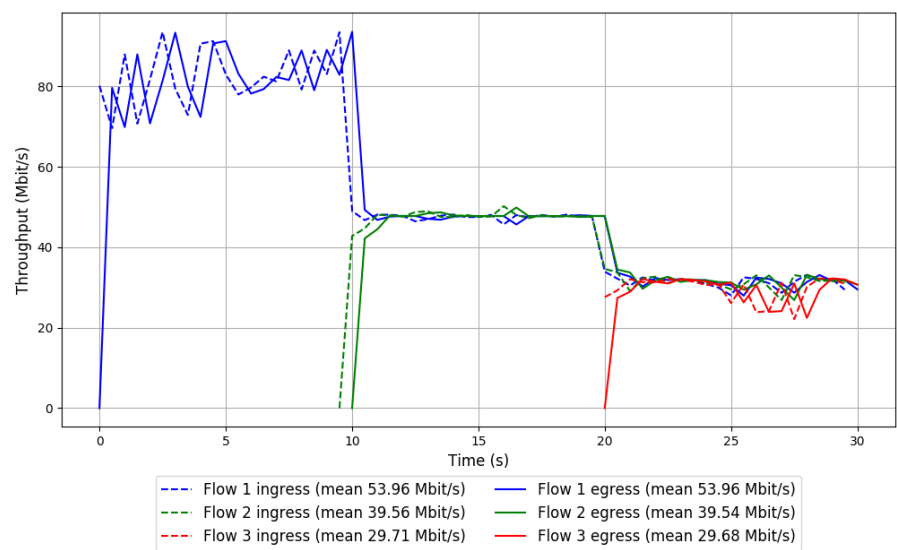


Run 2: Statistics of Copa

Start at: 2018-08-02 00:52:28
End at: 2018-08-02 00:52:58
Local clock offset: -3.811 ms
Remote clock offset: -2.058 ms

Below is generated by plot.py at 2018-08-02 03:32:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.16 Mbit/s
95th percentile per-packet one-way delay: 12.257 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 53.96 Mbit/s
95th percentile per-packet one-way delay: 11.658 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 12.711 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 12.676 ms
Loss rate: 0.18%

Run 2: Report of Copa — Data Link

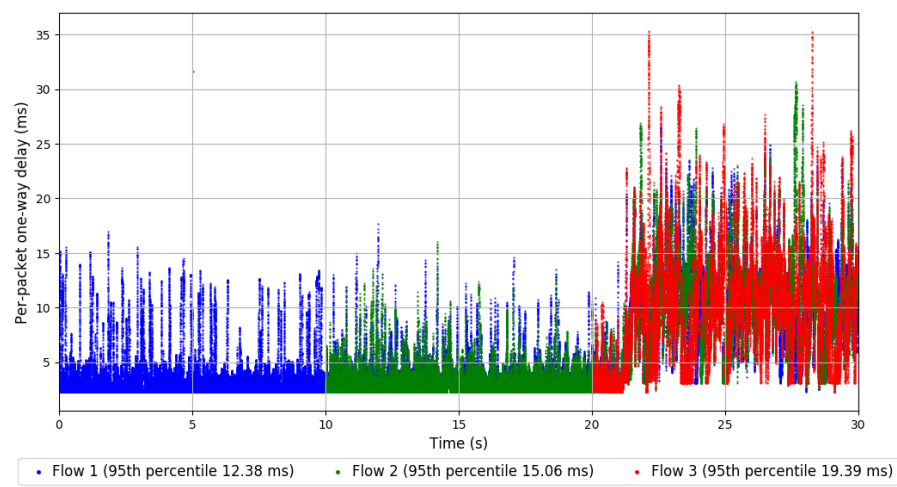
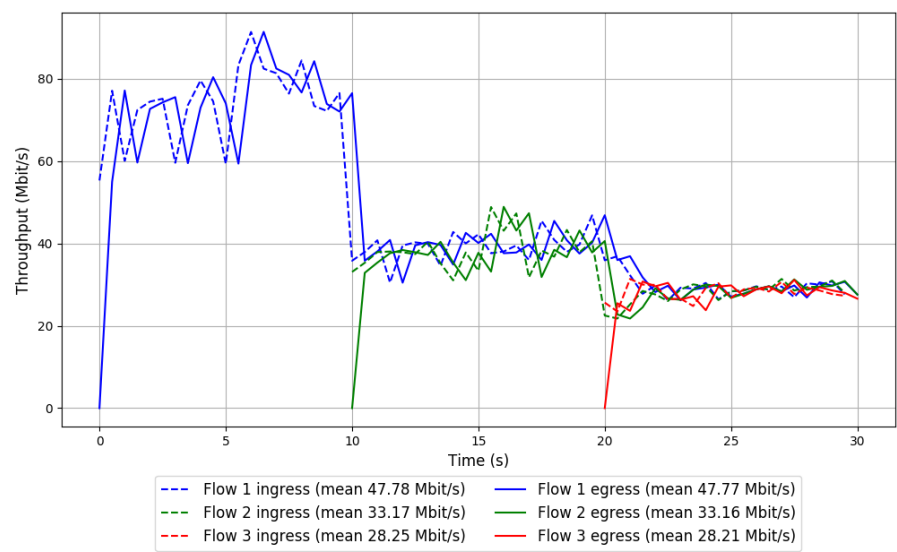


Run 3: Statistics of Copa

Start at: 2018-08-02 01:11:36
End at: 2018-08-02 01:12:06
Local clock offset: -2.67 ms
Remote clock offset: -2.816 ms

Below is generated by plot.py at 2018-08-02 03:32:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.22 Mbit/s
95th percentile per-packet one-way delay: 14.558 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 47.77 Mbit/s
95th percentile per-packet one-way delay: 12.378 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 15.060 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 19.386 ms
Loss rate: 0.19%

Run 3: Report of Copa — Data Link

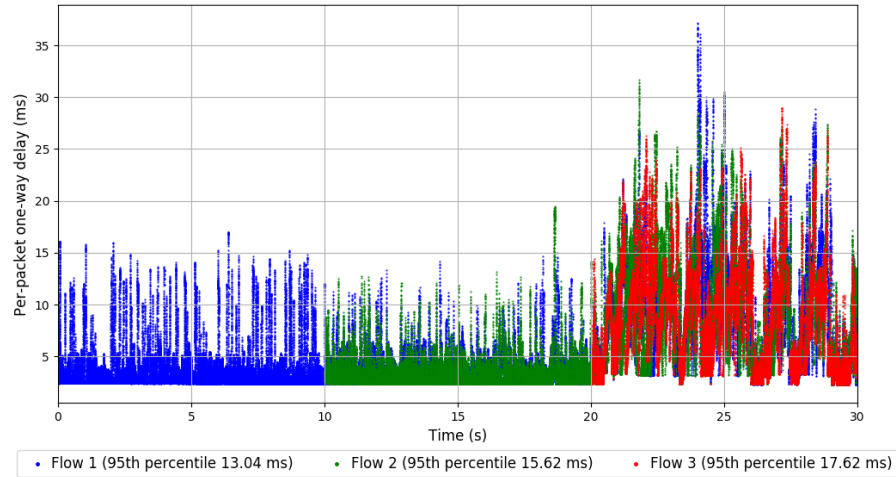
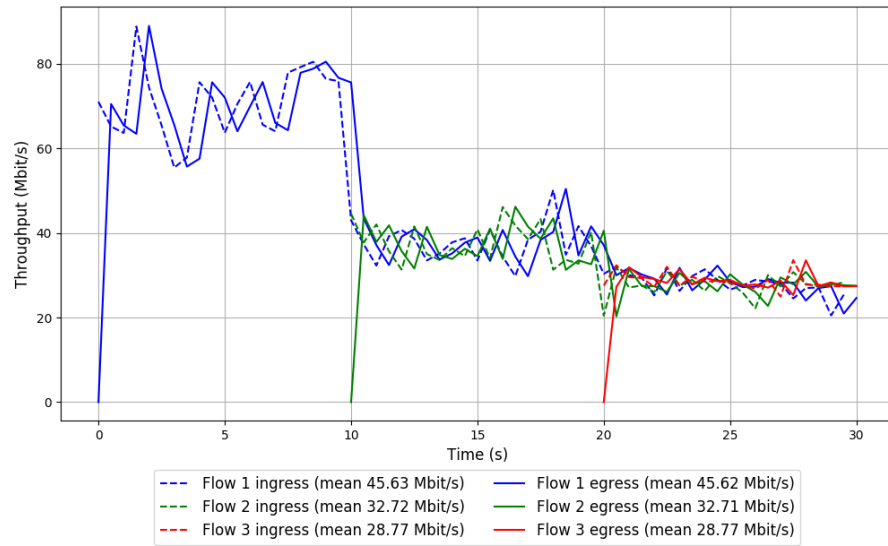


Run 4: Statistics of Copa

Start at: 2018-08-02 01:30:42
End at: 2018-08-02 01:31:12
Local clock offset: -2.329 ms
Remote clock offset: -4.893 ms

Below is generated by plot.py at 2018-08-02 03:32:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.97 Mbit/s
95th percentile per-packet one-way delay: 14.653 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 45.62 Mbit/s
95th percentile per-packet one-way delay: 13.040 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 15.625 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 17.622 ms
Loss rate: 0.05%

Run 4: Report of Copa — Data Link

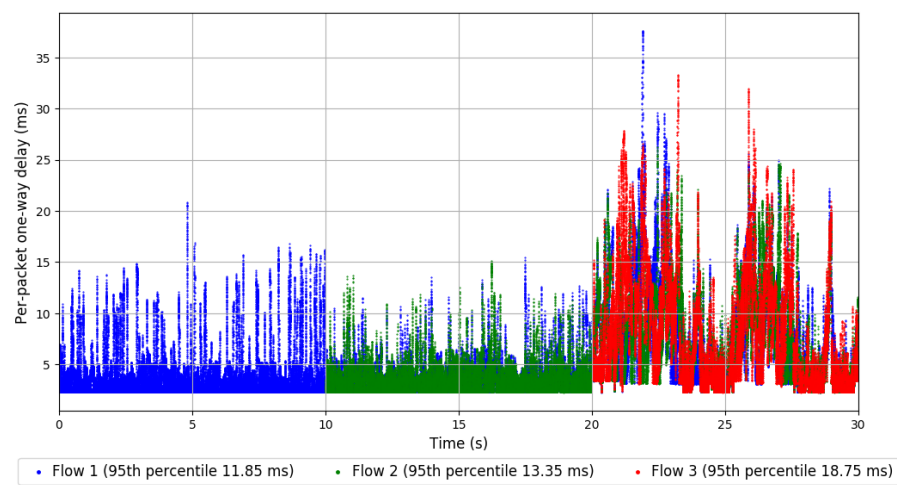
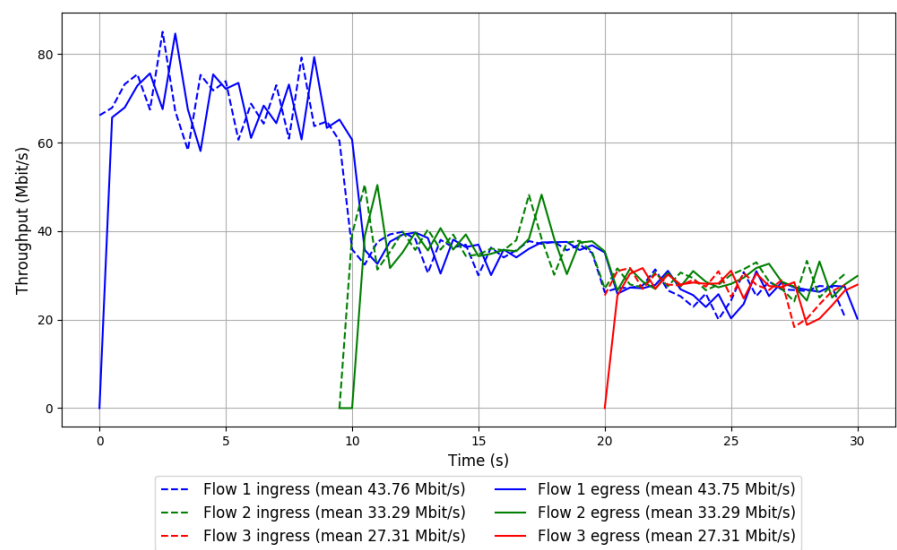


Run 5: Statistics of Copa

Start at: 2018-08-02 01:49:46
End at: 2018-08-02 01:50:16
Local clock offset: -2.147 ms
Remote clock offset: -7.354 ms

Below is generated by plot.py at 2018-08-02 03:32:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.01 Mbit/s
95th percentile per-packet one-way delay: 13.881 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 11.845 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.29 Mbit/s
95th percentile per-packet one-way delay: 13.346 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 27.31 Mbit/s
95th percentile per-packet one-way delay: 18.745 ms
Loss rate: 0.05%

Run 5: Report of Copa — Data Link

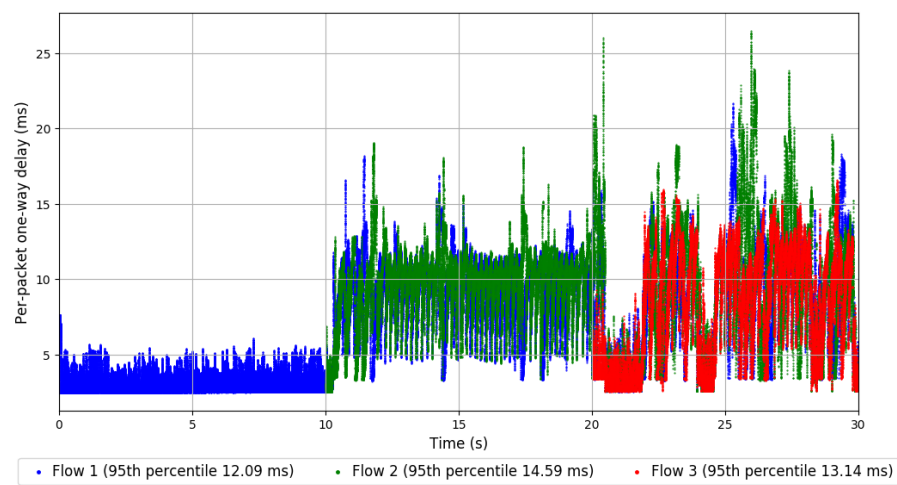
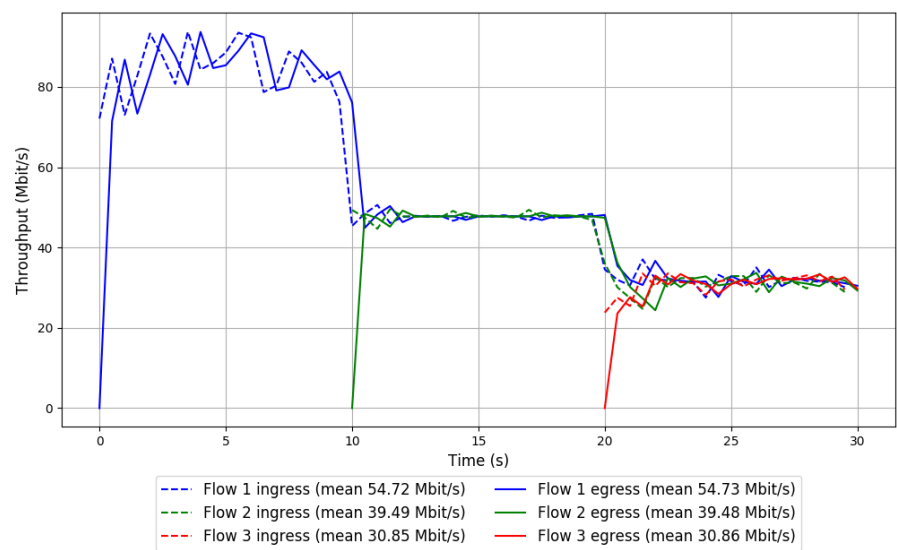


Run 6: Statistics of Copa

Start at: 2018-08-02 02:08:54
End at: 2018-08-02 02:09:24
Local clock offset: -2.679 ms
Remote clock offset: -4.101 ms

Below is generated by plot.py at 2018-08-02 03:32:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 12.965 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 54.73 Mbit/s
95th percentile per-packet one-way delay: 12.091 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 39.48 Mbit/s
95th percentile per-packet one-way delay: 14.590 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 13.141 ms
Loss rate: 0.10%

Run 6: Report of Copa — Data Link

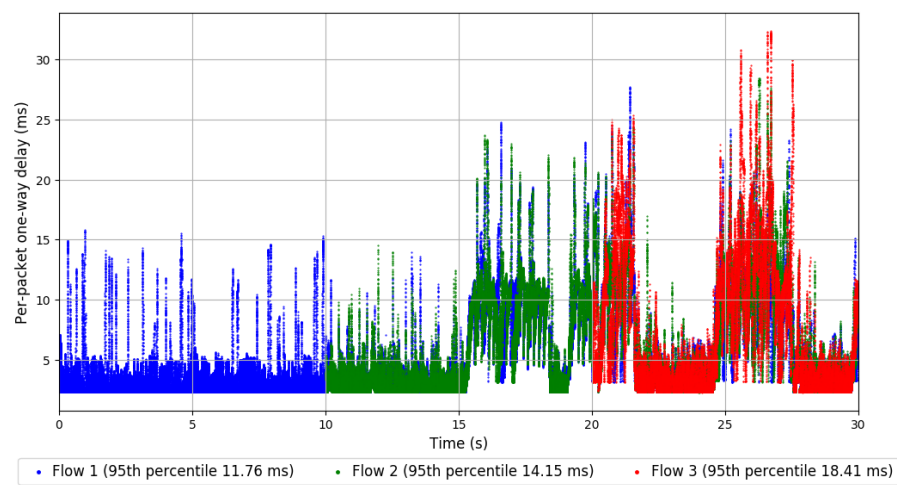
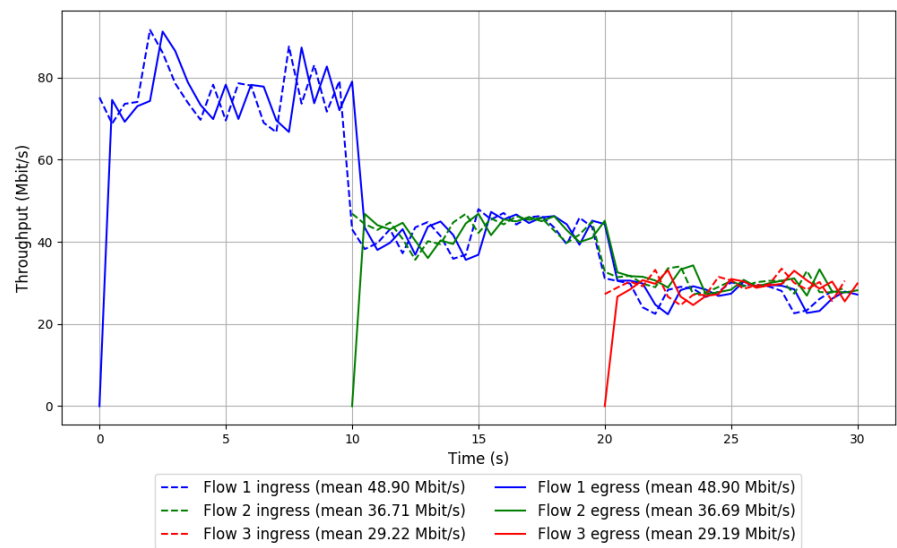


Run 7: Statistics of Copa

Start at: 2018-08-02 02:28:03
End at: 2018-08-02 02:28:33
Local clock offset: -2.512 ms
Remote clock offset: -2.189 ms

Below is generated by plot.py at 2018-08-02 03:33:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.04 Mbit/s
95th percentile per-packet one-way delay: 13.530 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 48.90 Mbit/s
95th percentile per-packet one-way delay: 11.756 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.69 Mbit/s
95th percentile per-packet one-way delay: 14.146 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 18.408 ms
Loss rate: 0.16%

Run 7: Report of Copa — Data Link

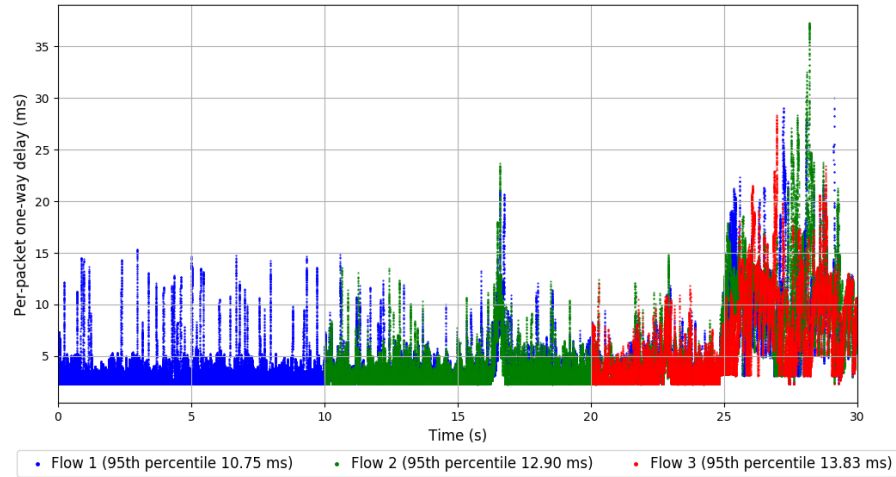
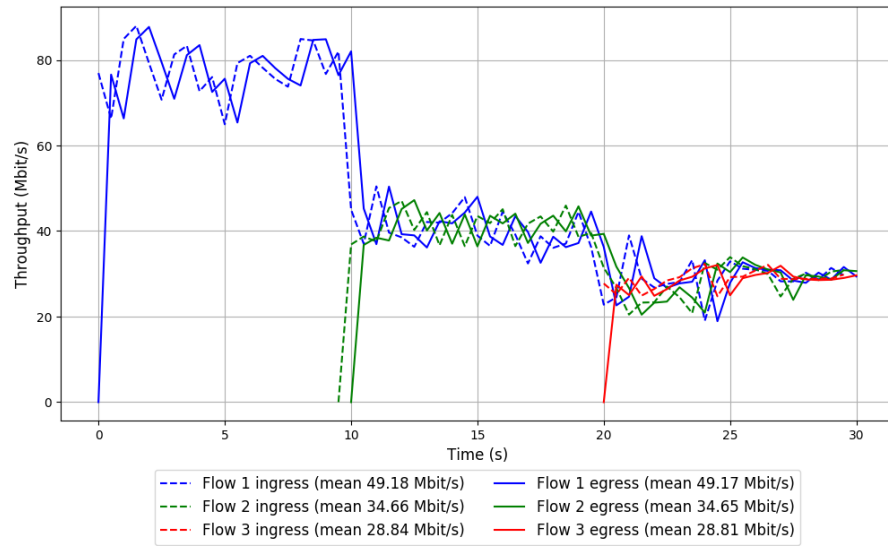


Run 8: Statistics of Copa

Start at: 2018-08-02 02:47:11
End at: 2018-08-02 02:47:41
Local clock offset: -2.062 ms
Remote clock offset: -2.147 ms

Below is generated by plot.py at 2018-08-02 03:33:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.83 Mbit/s
95th percentile per-packet one-way delay: 12.039 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 49.17 Mbit/s
95th percentile per-packet one-way delay: 10.752 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 34.65 Mbit/s
95th percentile per-packet one-way delay: 12.901 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 13.834 ms
Loss rate: 0.15%

Run 8: Report of Copa — Data Link

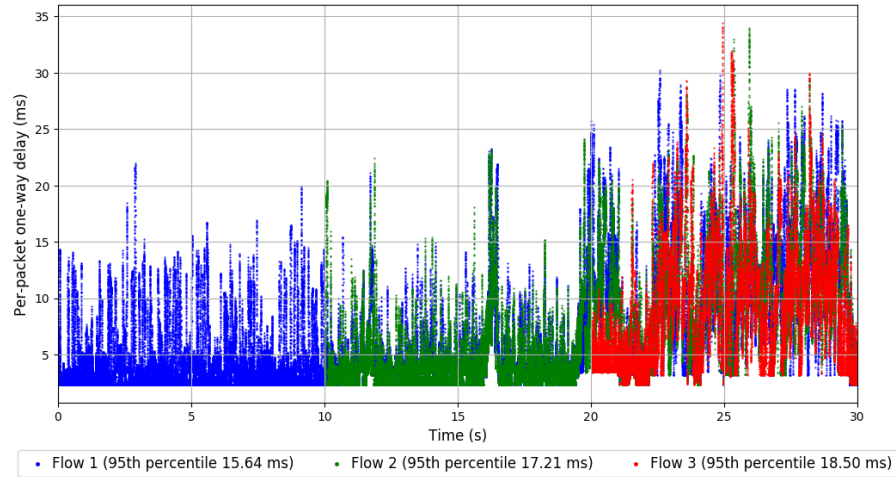
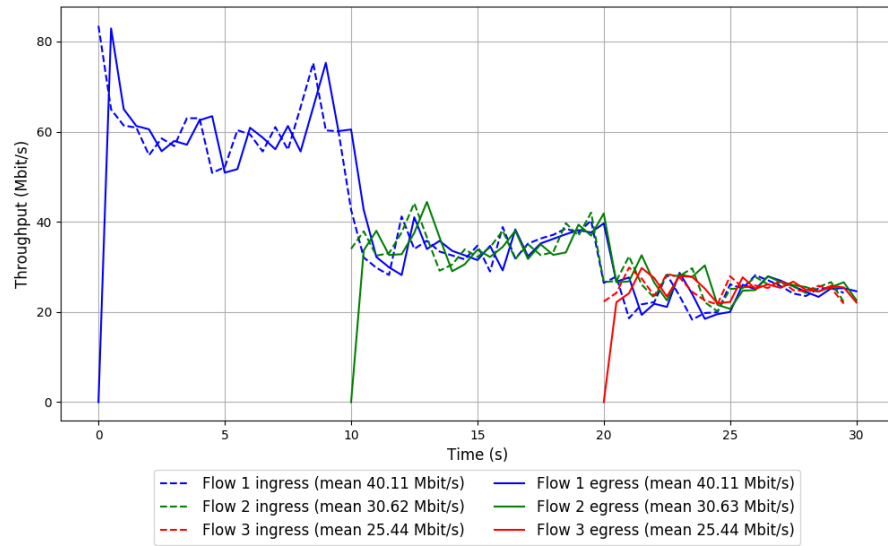


Run 9: Statistics of Copa

Start at: 2018-08-02 03:06:17
End at: 2018-08-02 03:06:47
Local clock offset: -2.289 ms
Remote clock offset: -2.029 ms

Below is generated by plot.py at 2018-08-02 03:33:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.96 Mbit/s
95th percentile per-packet one-way delay: 16.701 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 15.644 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 30.63 Mbit/s
95th percentile per-packet one-way delay: 17.213 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 18.495 ms
Loss rate: 0.05%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-08-02 03:25:15

End at: 2018-08-02 03:25:45

Local clock offset: -2.205 ms

Remote clock offset: -7.24 ms

Below is generated by plot.py at 2018-08-02 03:33:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 67.99 Mbit/s

95th percentile per-packet one-way delay: 16.603 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 39.37 Mbit/s

95th percentile per-packet one-way delay: 14.259 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 30.13 Mbit/s

95th percentile per-packet one-way delay: 17.478 ms

Loss rate: 0.05%

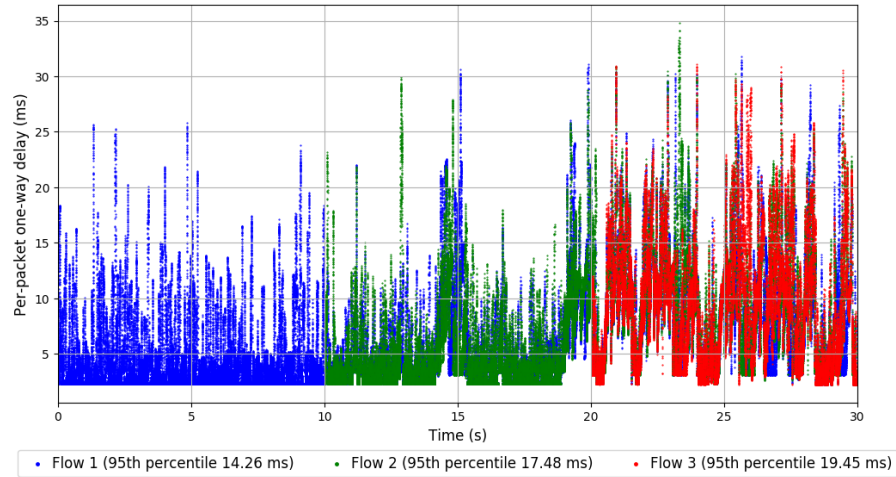
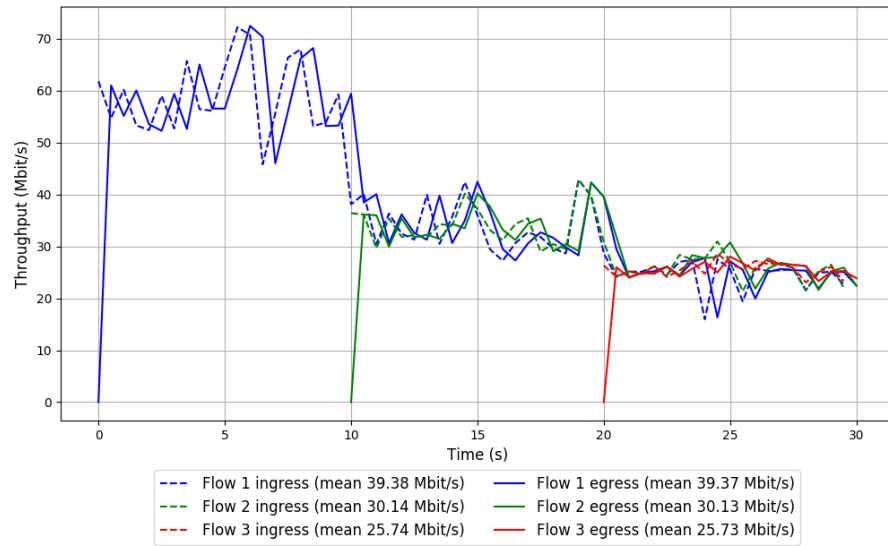
-- Flow 3:

Average throughput: 25.73 Mbit/s

95th percentile per-packet one-way delay: 19.447 ms

Loss rate: 0.08%

Run 10: Report of Copa — Data Link

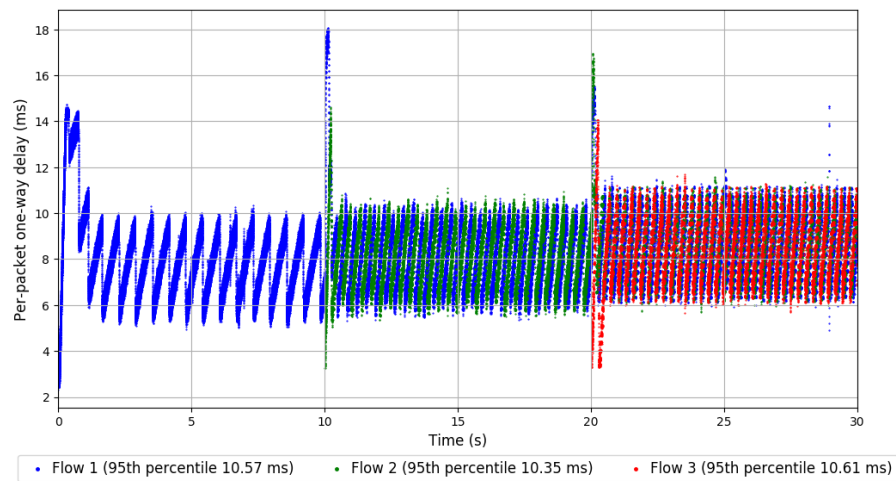
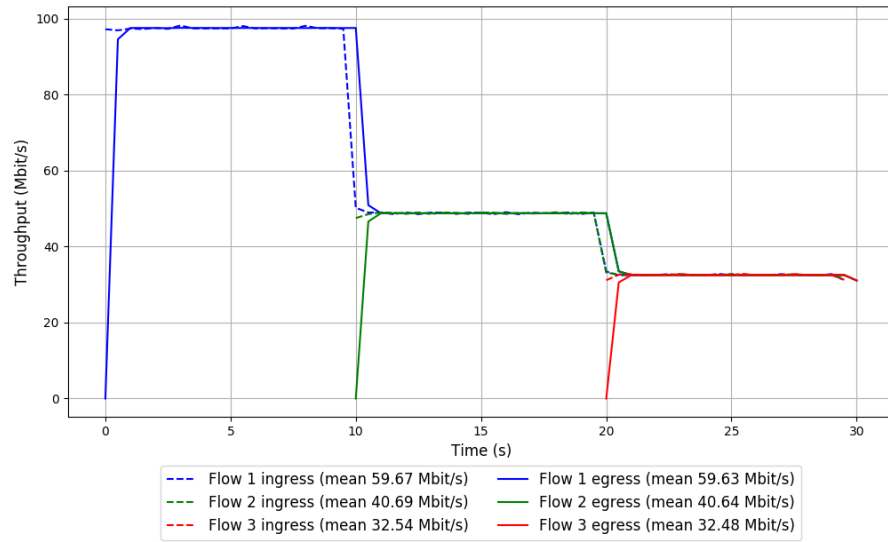


Run 1: Statistics of TCP Cubic

Start at: 2018-08-02 00:29:54
End at: 2018-08-02 00:30:24
Local clock offset: -3.846 ms
Remote clock offset: -2.287 ms

Below is generated by plot.py at 2018-08-02 03:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 10.447 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 10.571 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.349 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.608 ms
Loss rate: 0.24%

Run 1: Report of TCP Cubic — Data Link

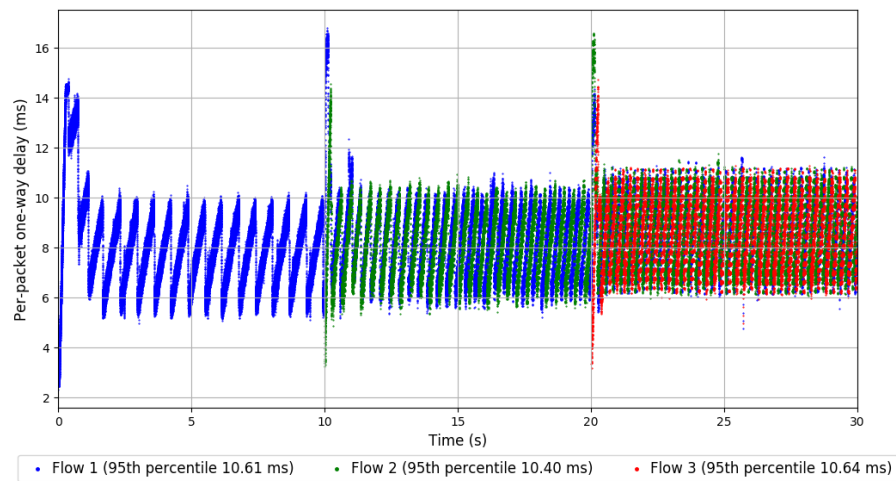
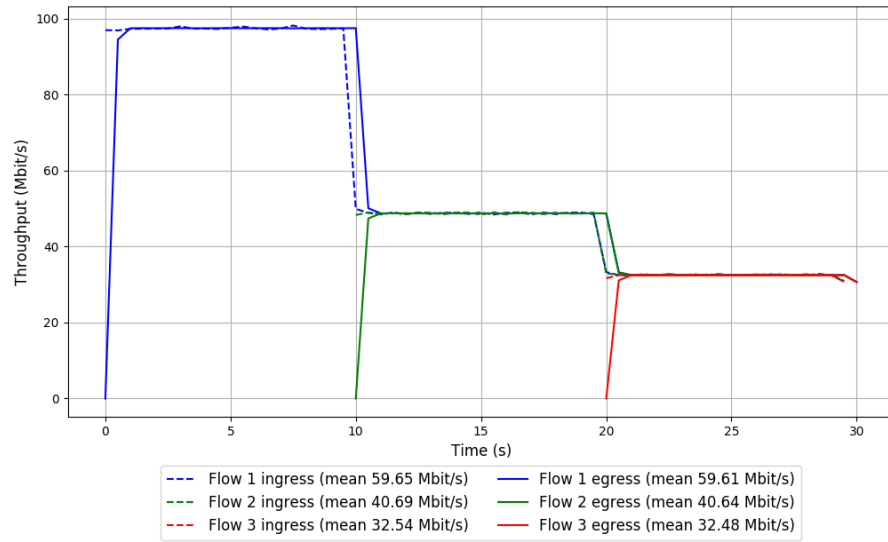


Run 2: Statistics of TCP Cubic

Start at: 2018-08-02 00:49:04
End at: 2018-08-02 00:49:34
Local clock offset: -3.821 ms
Remote clock offset: -1.882 ms

Below is generated by plot.py at 2018-08-02 03:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 10.480 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 10.605 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 10.402 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 10.644 ms
Loss rate: 0.23%

Run 2: Report of TCP Cubic — Data Link

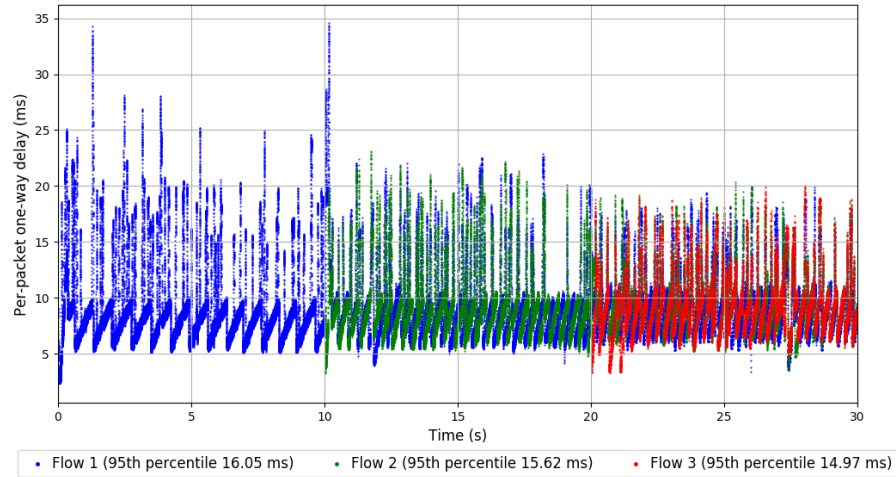
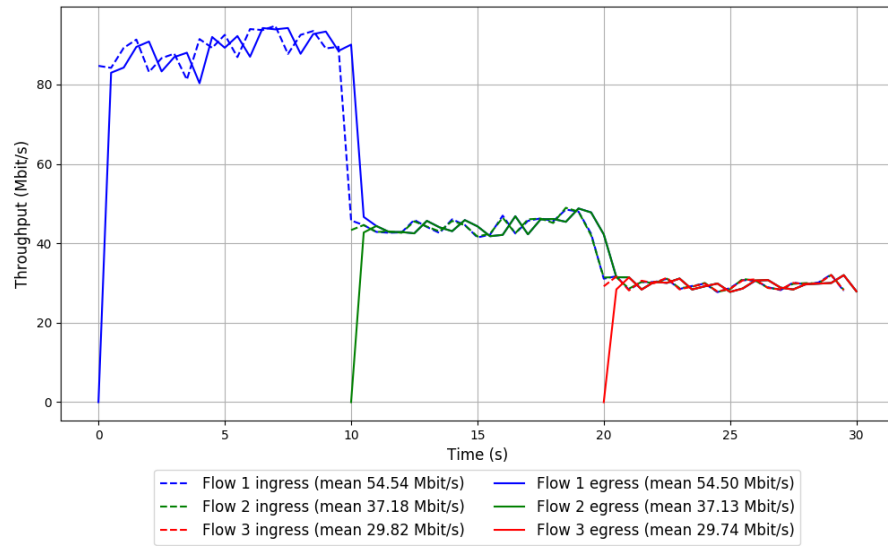


Run 3: Statistics of TCP Cubic

Start at: 2018-08-02 01:08:13
End at: 2018-08-02 01:08:43
Local clock offset: -2.686 ms
Remote clock offset: -2.787 ms

Below is generated by plot.py at 2018-08-02 03:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 15.756 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.50 Mbit/s
95th percentile per-packet one-way delay: 16.050 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.13 Mbit/s
95th percentile per-packet one-way delay: 15.621 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 29.74 Mbit/s
95th percentile per-packet one-way delay: 14.973 ms
Loss rate: 0.30%

Run 3: Report of TCP Cubic — Data Link

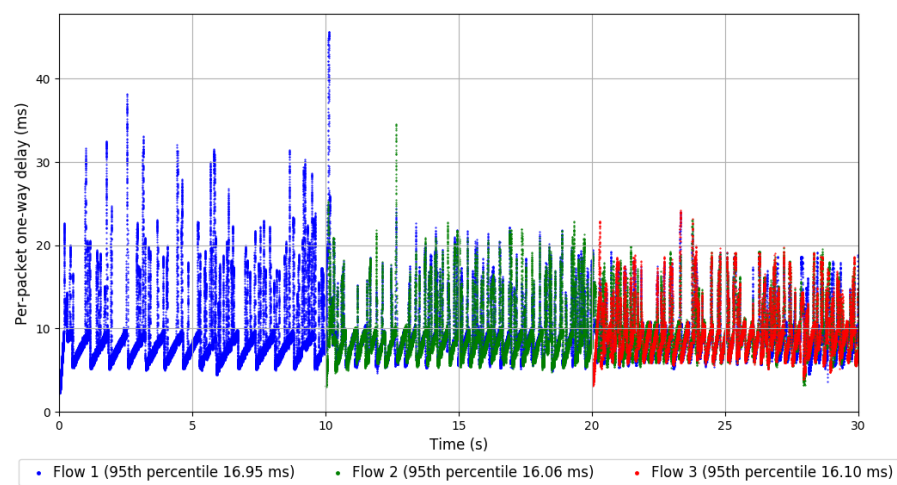
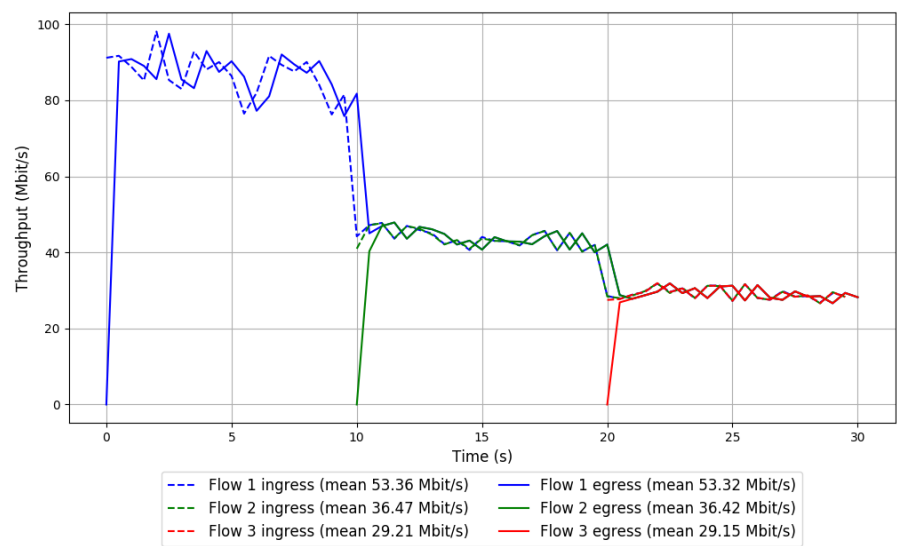


Run 4: Statistics of TCP Cubic

Start at: 2018-08-02 01:27:19
End at: 2018-08-02 01:27:49
Local clock offset: -2.366 ms
Remote clock offset: -3.869 ms

Below is generated by plot.py at 2018-08-02 03:33:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 16.610 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 53.32 Mbit/s
95th percentile per-packet one-way delay: 16.954 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 16.056 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 16.096 ms
Loss rate: 0.25%

Run 4: Report of TCP Cubic — Data Link

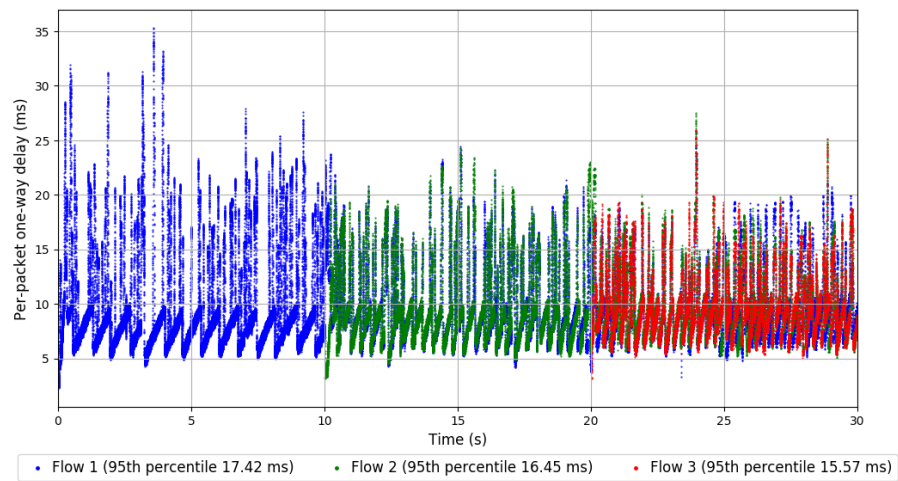
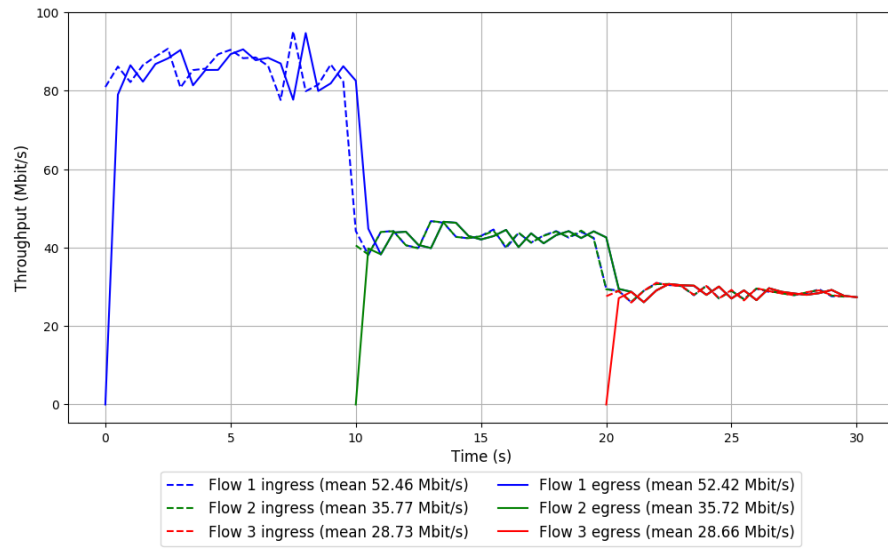


Run 5: Statistics of TCP Cubic

Start at: 2018-08-02 01:46:23
End at: 2018-08-02 01:46:53
Local clock offset: -2.177 ms
Remote clock offset: -7.056 ms

Below is generated by plot.py at 2018-08-02 03:34:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.73 Mbit/s
95th percentile per-packet one-way delay: 16.846 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 17.418 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 16.453 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 28.66 Mbit/s
95th percentile per-packet one-way delay: 15.572 ms
Loss rate: 0.26%

Run 5: Report of TCP Cubic — Data Link

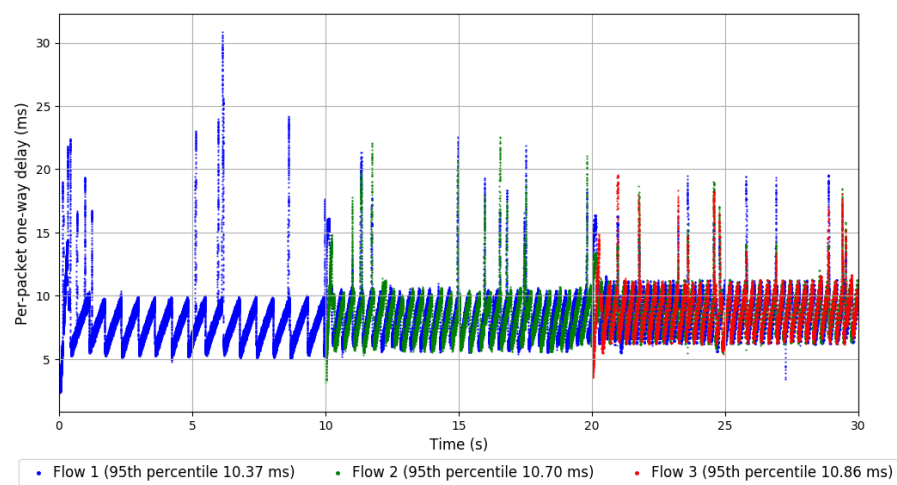
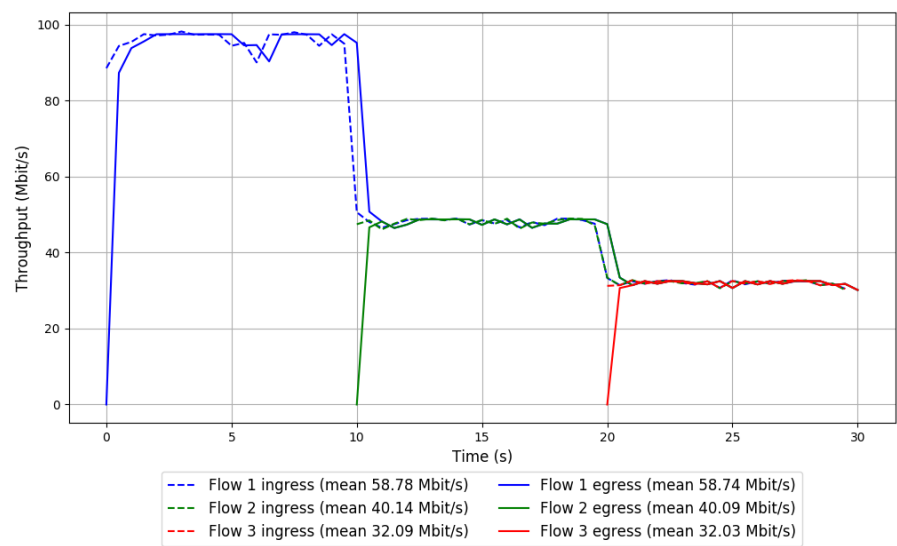


Run 6: Statistics of TCP Cubic

Start at: 2018-08-02 02:05:30
End at: 2018-08-02 02:06:00
Local clock offset: -2.651 ms
Remote clock offset: -4.898 ms

Below is generated by plot.py at 2018-08-02 03:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 10.573 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.74 Mbit/s
95th percentile per-packet one-way delay: 10.369 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 10.697 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 10.863 ms
Loss rate: 0.26%

Run 6: Report of TCP Cubic — Data Link

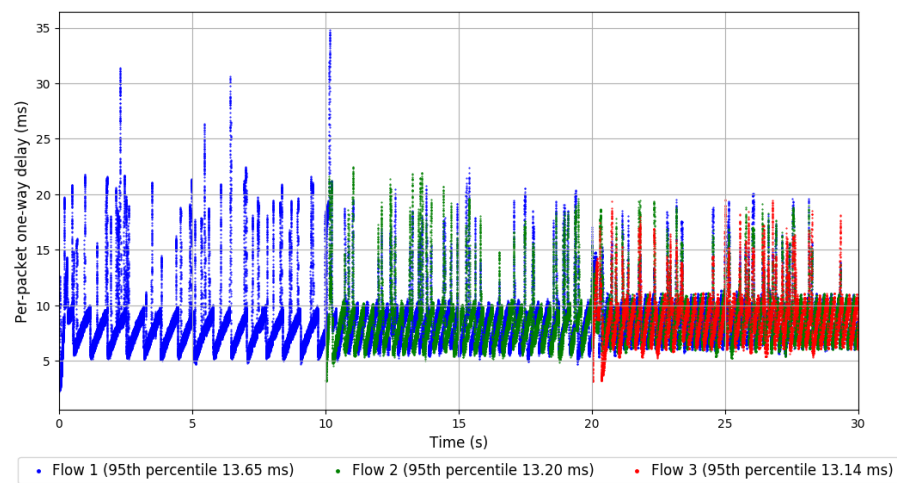
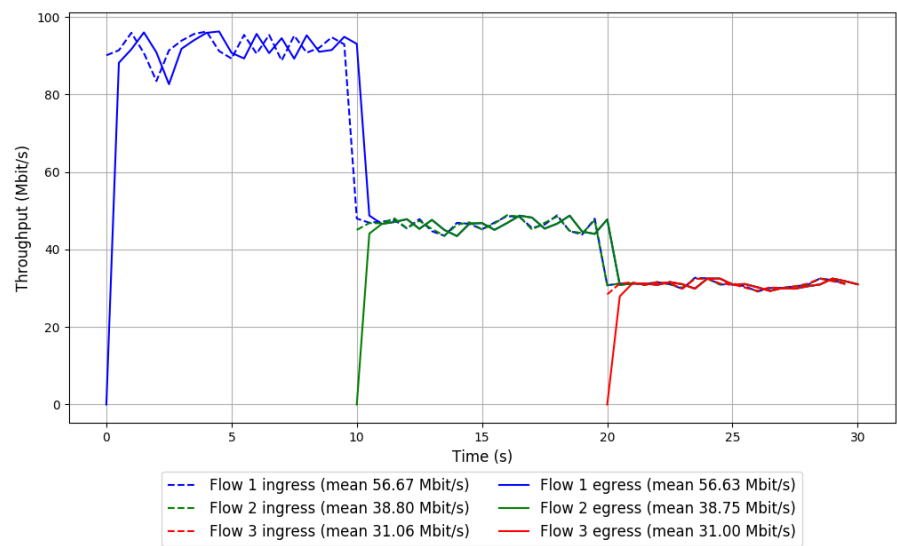


Run 7: Statistics of TCP Cubic

Start at: 2018-08-02 02:24:39
End at: 2018-08-02 02:25:10
Local clock offset: -2.63 ms
Remote clock offset: -2.299 ms

Below is generated by plot.py at 2018-08-02 03:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 13.435 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.63 Mbit/s
95th percentile per-packet one-way delay: 13.650 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 13.204 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 13.145 ms
Loss rate: 0.23%

Run 7: Report of TCP Cubic — Data Link

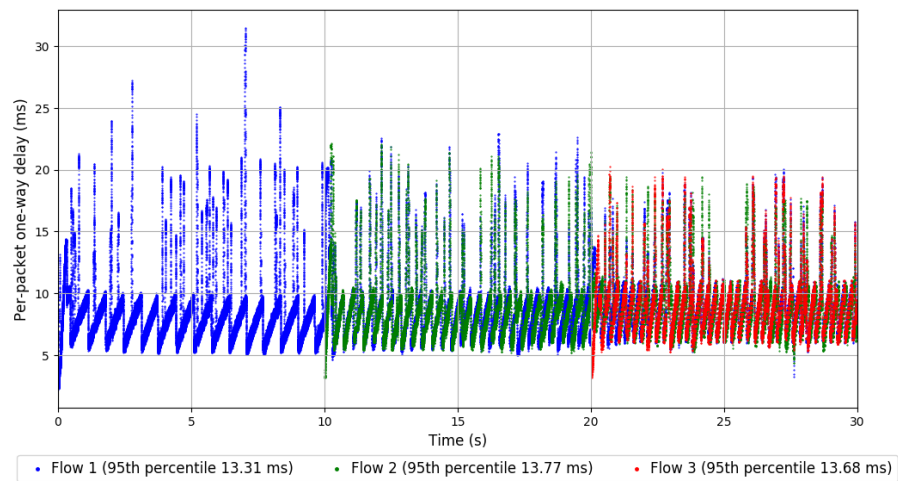
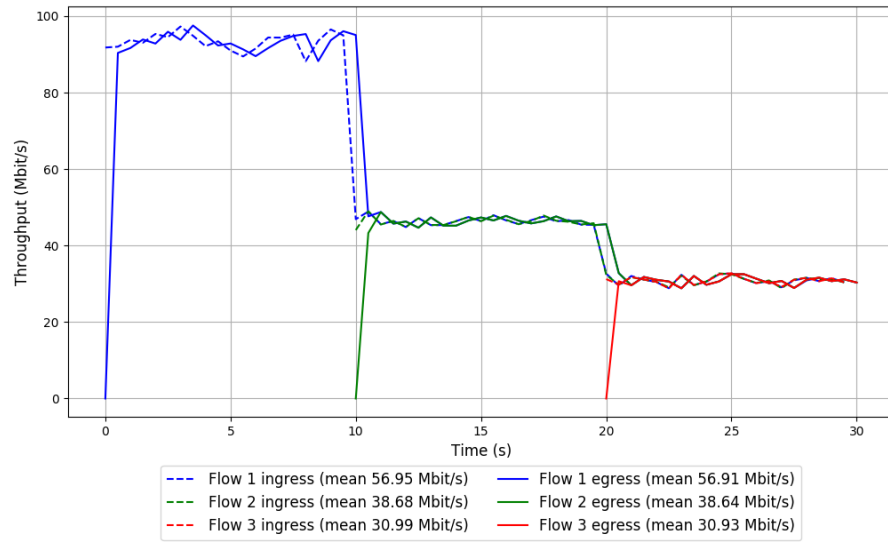


Run 8: Statistics of TCP Cubic

Start at: 2018-08-02 02:43:48
End at: 2018-08-02 02:44:18
Local clock offset: -2.043 ms
Remote clock offset: -2.141 ms

Below is generated by plot.py at 2018-08-02 03:34:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 13.493 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.91 Mbit/s
95th percentile per-packet one-way delay: 13.307 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 13.769 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 13.676 ms
Loss rate: 0.25%

Run 8: Report of TCP Cubic — Data Link

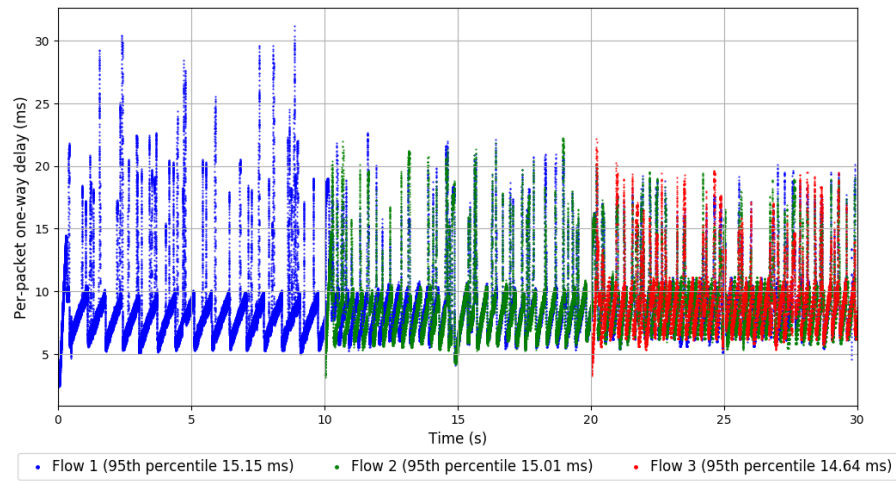
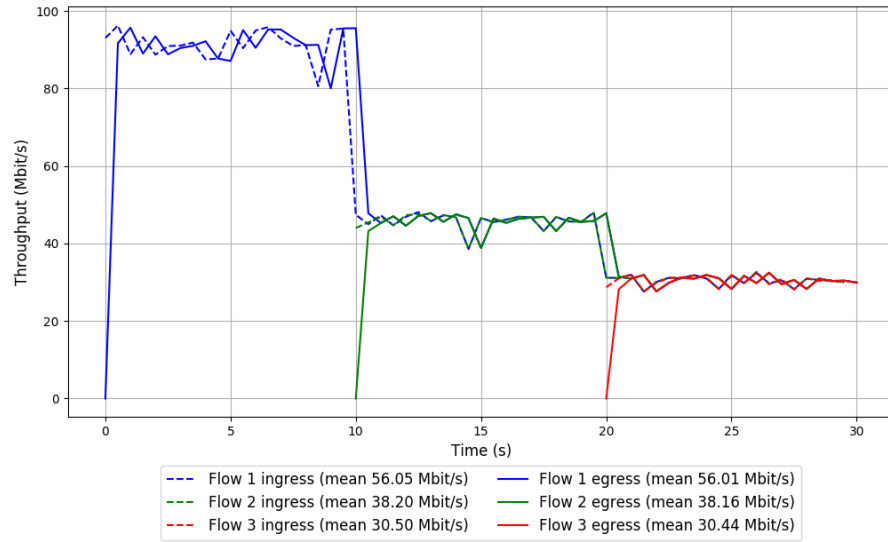


Run 9: Statistics of TCP Cubic

Start at: 2018-08-02 03:02:54
End at: 2018-08-02 03:03:24
Local clock offset: -2.219 ms
Remote clock offset: -2.116 ms

Below is generated by plot.py at 2018-08-02 03:34:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.53 Mbit/s
95th percentile per-packet one-way delay: 15.050 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.01 Mbit/s
95th percentile per-packet one-way delay: 15.150 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.16 Mbit/s
95th percentile per-packet one-way delay: 15.008 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 30.44 Mbit/s
95th percentile per-packet one-way delay: 14.641 ms
Loss rate: 0.25%

Run 9: Report of TCP Cubic — Data Link

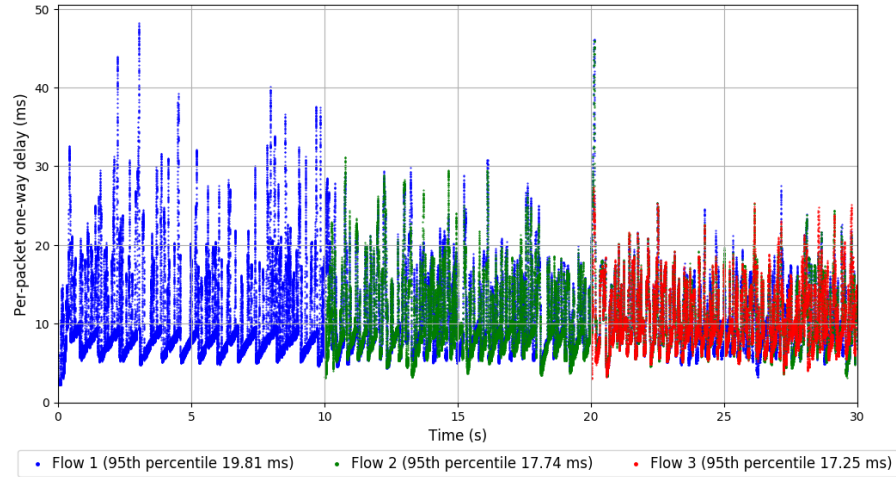
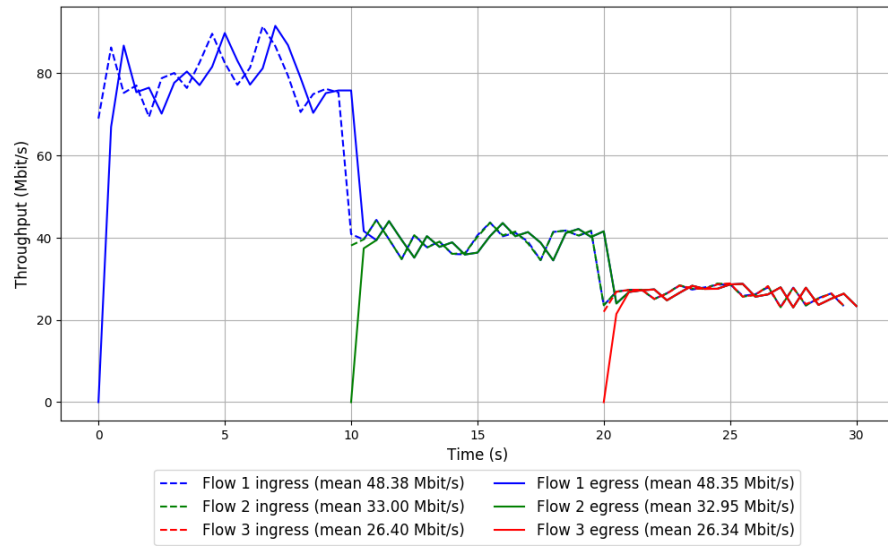


Run 10: Statistics of TCP Cubic

Start at: 2018-08-02 03:21:52
End at: 2018-08-02 03:22:22
Local clock offset: -2.4 ms
Remote clock offset: -6.738 ms

Below is generated by plot.py at 2018-08-02 03:34:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.05 Mbit/s
95th percentile per-packet one-way delay: 18.859 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 19.812 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 17.737 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 17.252 ms
Loss rate: 0.27%

Run 10: Report of TCP Cubic — Data Link

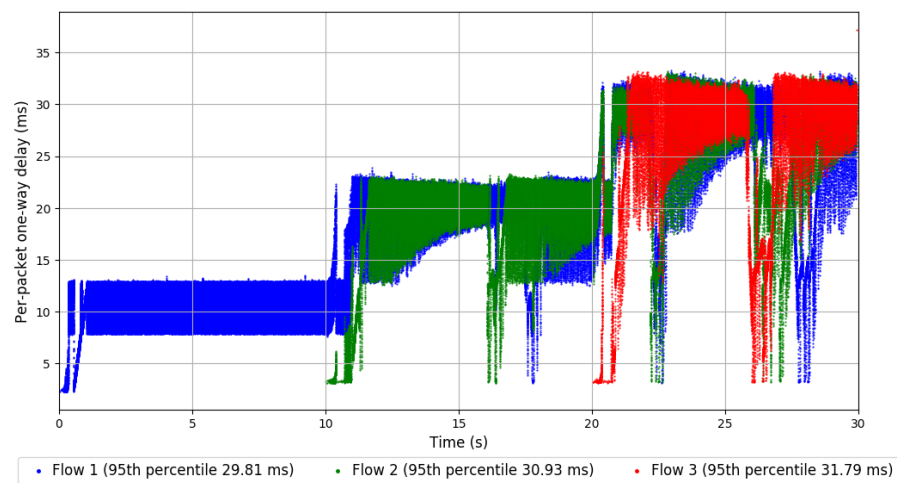
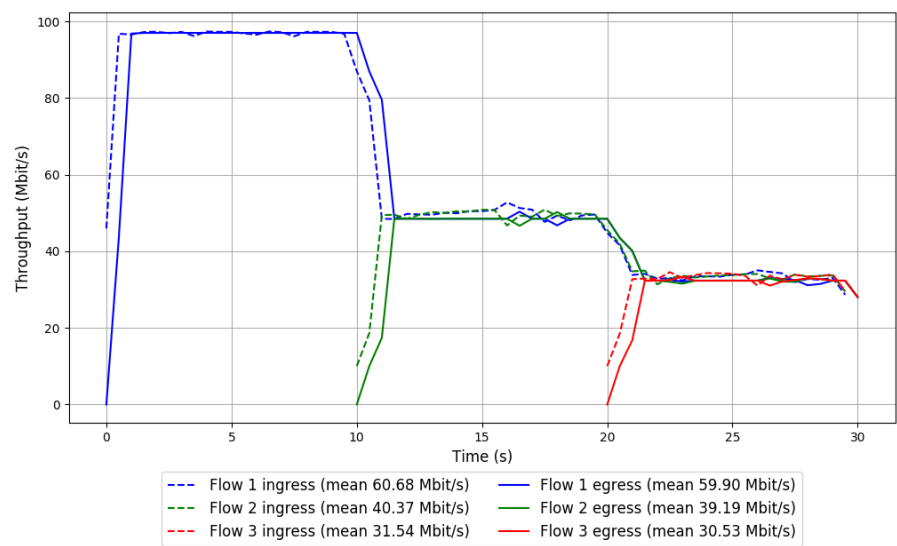


Run 1: Statistics of FillP

Start at: 2018-08-02 00:32:11
End at: 2018-08-02 00:32:41
Local clock offset: -3.825 ms
Remote clock offset: -2.222 ms

Below is generated by plot.py at 2018-08-02 03:34:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 30.817 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 59.90 Mbit/s
95th percentile per-packet one-way delay: 29.807 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 30.932 ms
Loss rate: 3.01%
-- Flow 3:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 31.792 ms
Loss rate: 3.34%

Run 1: Report of FillP — Data Link

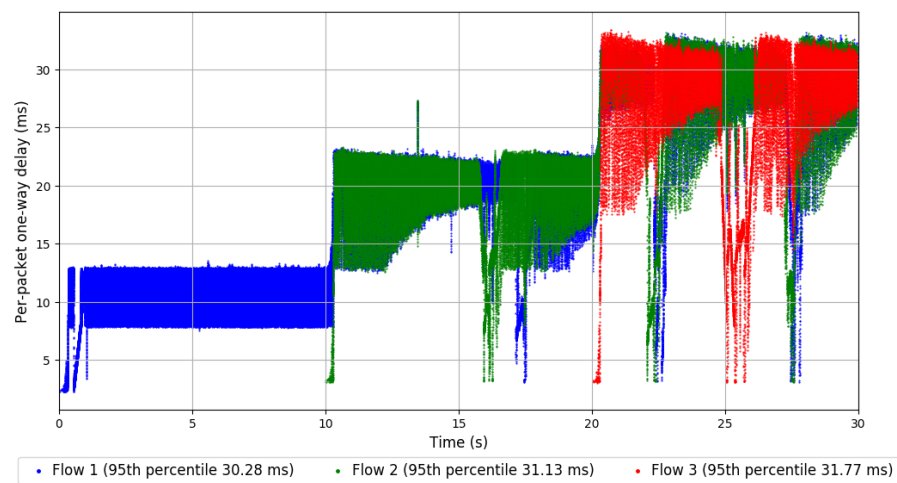
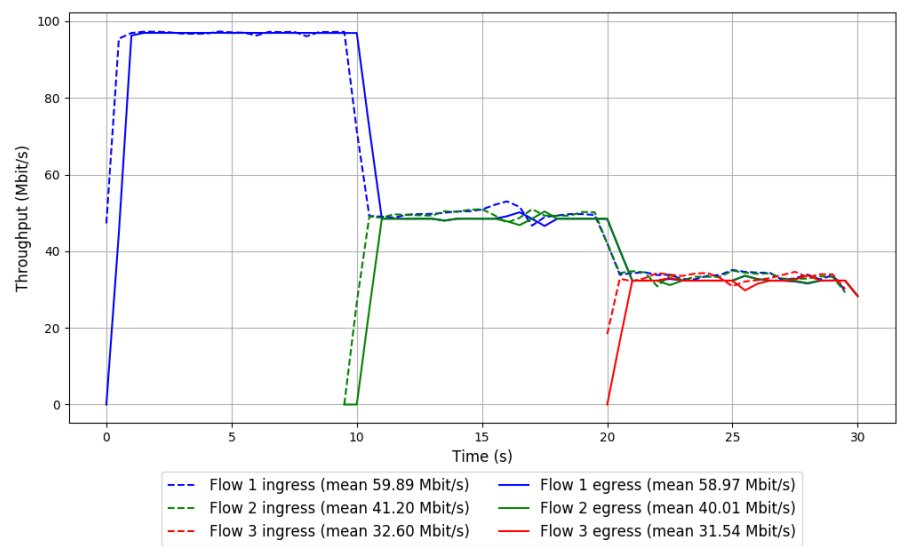


Run 2: Statistics of FillP

Start at: 2018-08-02 00:51:21
End at: 2018-08-02 00:51:51
Local clock offset: -3.825 ms
Remote clock offset: -1.903 ms

Below is generated by plot.py at 2018-08-02 03:34:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 30.962 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 30.281 ms
Loss rate: 1.57%
-- Flow 2:
Average throughput: 40.01 Mbit/s
95th percentile per-packet one-way delay: 31.127 ms
Loss rate: 2.97%
-- Flow 3:
Average throughput: 31.54 Mbit/s
95th percentile per-packet one-way delay: 31.774 ms
Loss rate: 3.43%

Run 2: Report of FillP — Data Link

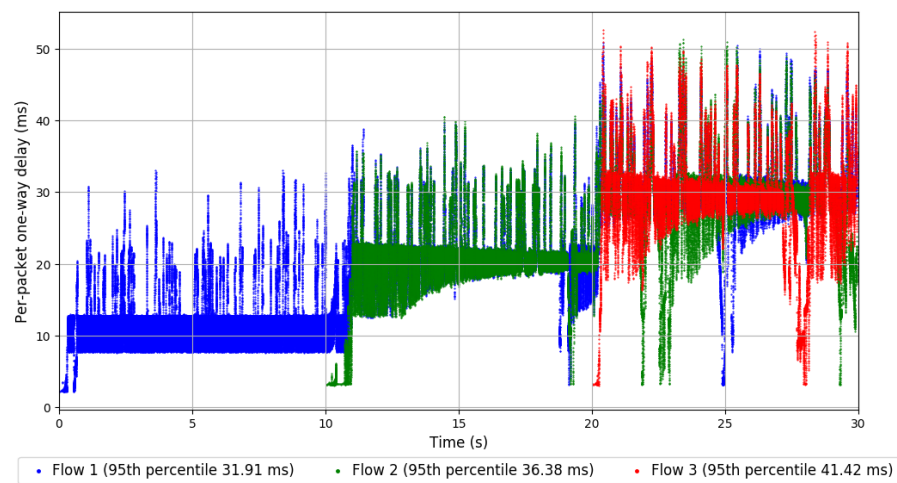
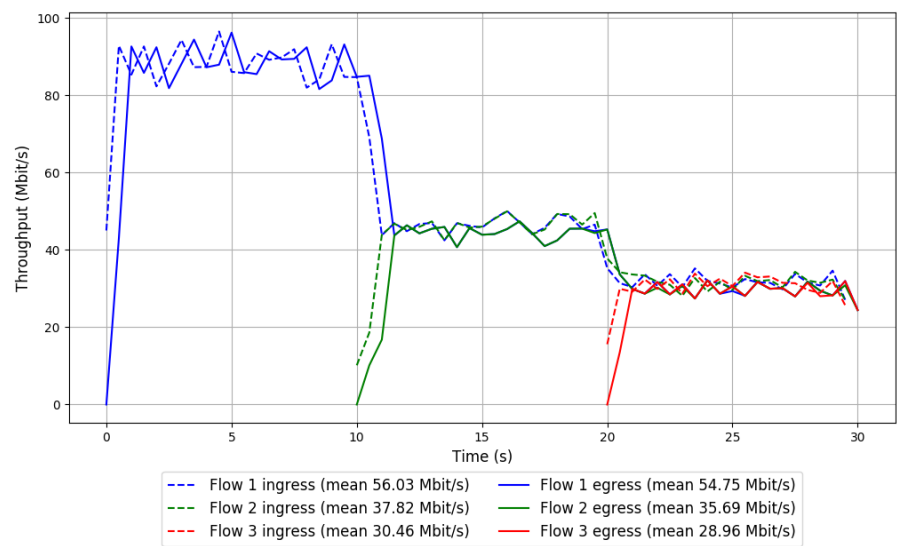


Run 3: Statistics of FillP

Start at: 2018-08-02 01:10:29
End at: 2018-08-02 01:10:59
Local clock offset: -2.693 ms
Remote clock offset: -2.806 ms

Below is generated by plot.py at 2018-08-02 03:35:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.08 Mbit/s
95th percentile per-packet one-way delay: 35.673 ms
Loss rate: 3.56%
-- Flow 1:
Average throughput: 54.75 Mbit/s
95th percentile per-packet one-way delay: 31.910 ms
Loss rate: 2.35%
-- Flow 2:
Average throughput: 35.69 Mbit/s
95th percentile per-packet one-way delay: 36.376 ms
Loss rate: 5.66%
-- Flow 3:
Average throughput: 28.96 Mbit/s
95th percentile per-packet one-way delay: 41.424 ms
Loss rate: 5.09%

Run 3: Report of FillP — Data Link

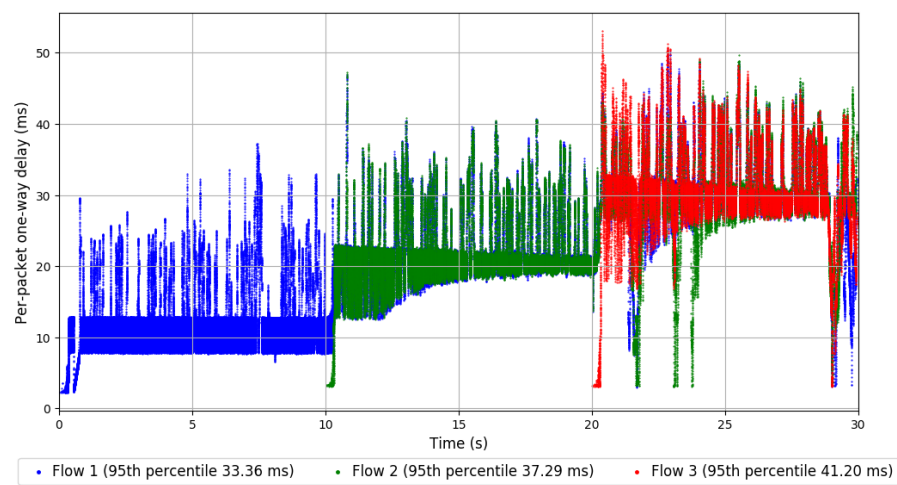
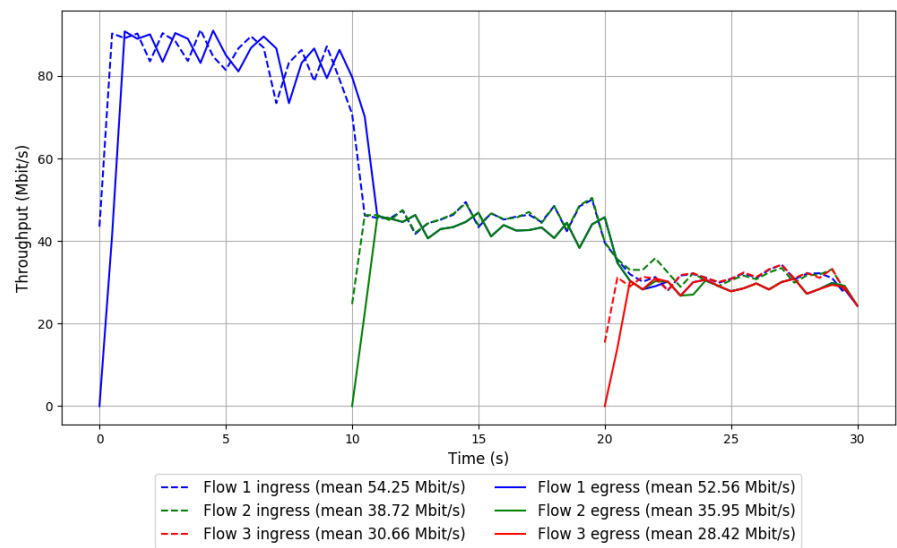


Run 4: Statistics of FillP

Start at: 2018-08-02 01:29:35
End at: 2018-08-02 01:30:05
Local clock offset: -2.346 ms
Remote clock offset: -4.571 ms

Below is generated by plot.py at 2018-08-02 03:35:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.89 Mbit/s
95th percentile per-packet one-way delay: 36.837 ms
Loss rate: 4.77%
-- Flow 1:
Average throughput: 52.56 Mbit/s
95th percentile per-packet one-way delay: 33.362 ms
Loss rate: 3.12%
-- Flow 2:
Average throughput: 35.95 Mbit/s
95th percentile per-packet one-way delay: 37.290 ms
Loss rate: 7.24%
-- Flow 3:
Average throughput: 28.42 Mbit/s
95th percentile per-packet one-way delay: 41.203 ms
Loss rate: 7.34%

Run 4: Report of FillP — Data Link

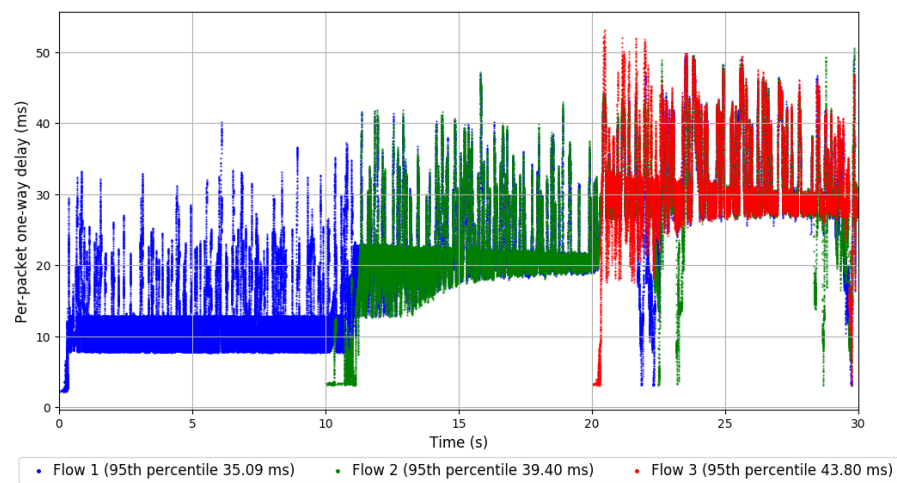
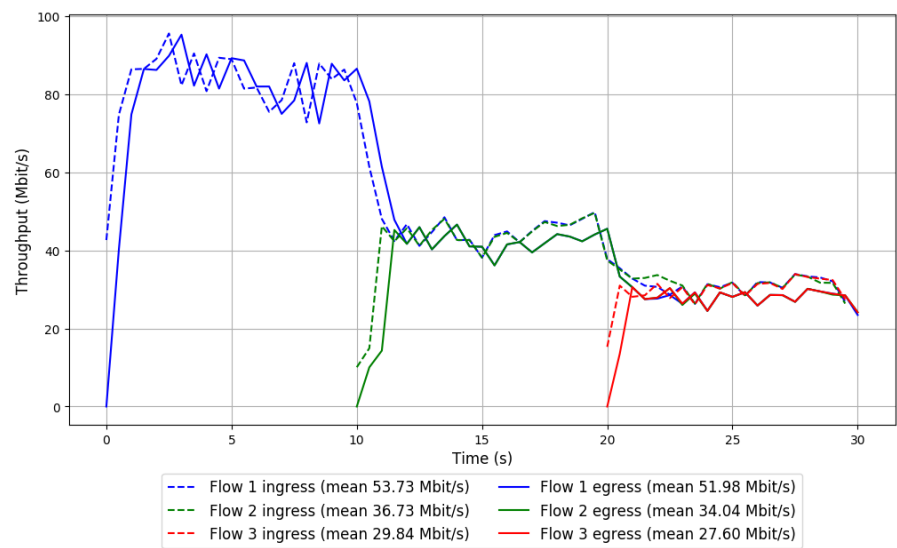


Run 5: Statistics of FillP

Start at: 2018-08-02 01:48:39
End at: 2018-08-02 01:49:09
Local clock offset: -2.16 ms
Remote clock offset: -7.263 ms

Below is generated by plot.py at 2018-08-02 03:35:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.78 Mbit/s
95th percentile per-packet one-way delay: 38.765 ms
Loss rate: 4.92%
-- Flow 1:
Average throughput: 51.98 Mbit/s
95th percentile per-packet one-way delay: 35.089 ms
Loss rate: 3.32%
-- Flow 2:
Average throughput: 34.04 Mbit/s
95th percentile per-packet one-way delay: 39.402 ms
Loss rate: 7.33%
-- Flow 3:
Average throughput: 27.60 Mbit/s
95th percentile per-packet one-way delay: 43.798 ms
Loss rate: 7.69%

Run 5: Report of FillP — Data Link

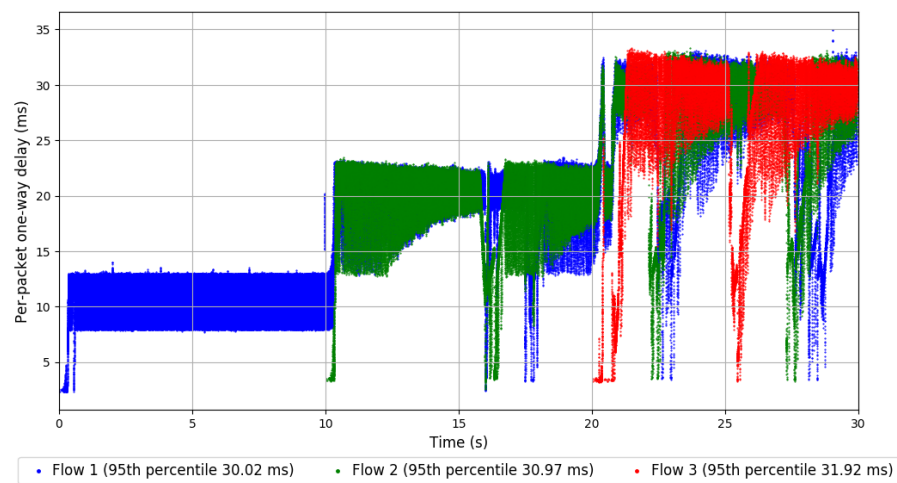
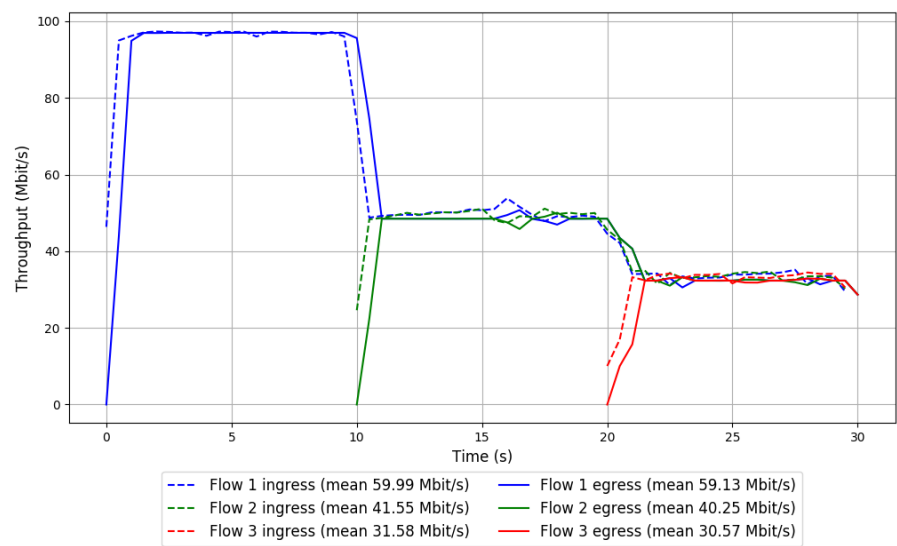


Run 6: Statistics of FillP

Start at: 2018-08-02 02:07:47
End at: 2018-08-02 02:08:17
Local clock offset: -2.675 ms
Remote clock offset: -4.314 ms

Below is generated by plot.py at 2018-08-02 03:35:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 30.992 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: 30.021 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 40.25 Mbit/s
95th percentile per-packet one-way delay: 30.966 ms
Loss rate: 3.20%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 31.923 ms
Loss rate: 3.36%

Run 6: Report of FillP — Data Link

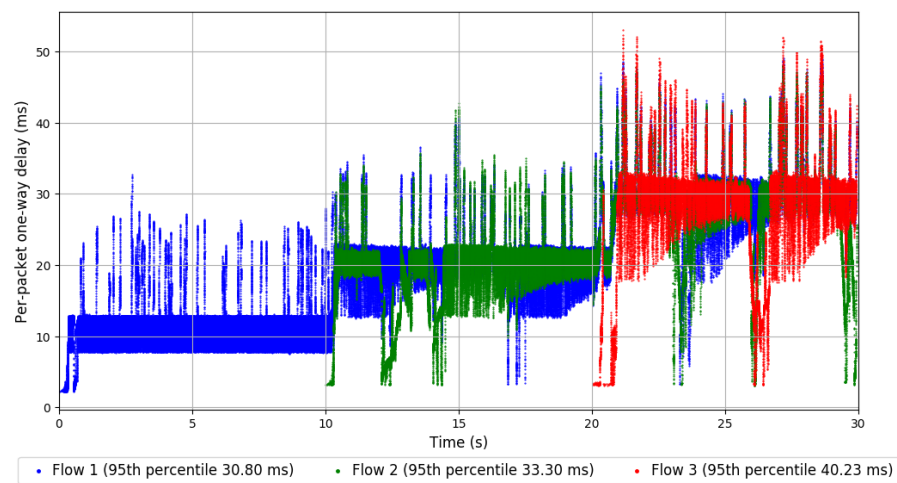
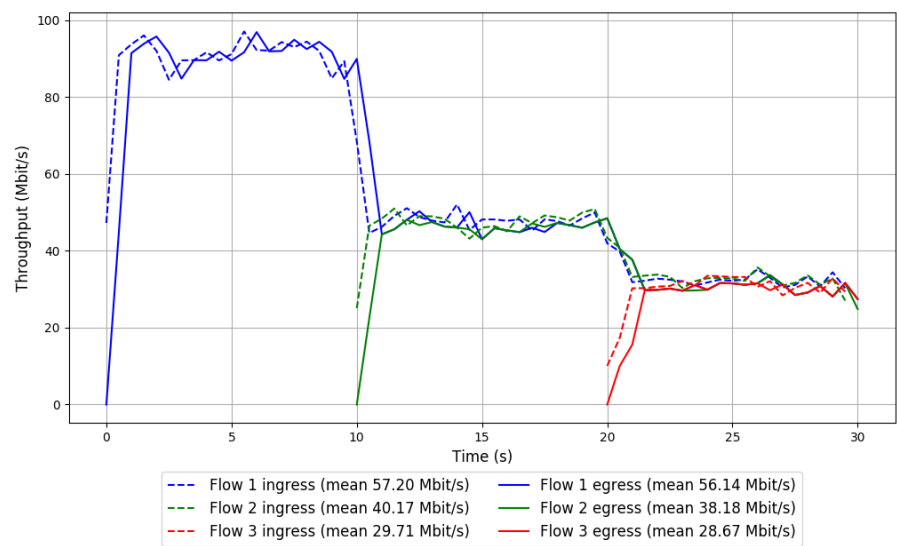


Run 7: Statistics of FillP

Start at: 2018-08-02 02:26:56
End at: 2018-08-02 02:27:26
Local clock offset: -2.495 ms
Remote clock offset: -2.166 ms

Below is generated by plot.py at 2018-08-02 03:35:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 32.430 ms
Loss rate: 2.97%
-- Flow 1:
Average throughput: 56.14 Mbit/s
95th percentile per-packet one-way delay: 30.803 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 33.303 ms
Loss rate: 4.96%
-- Flow 3:
Average throughput: 28.67 Mbit/s
95th percentile per-packet one-way delay: 40.231 ms
Loss rate: 3.69%

Run 7: Report of FillP — Data Link

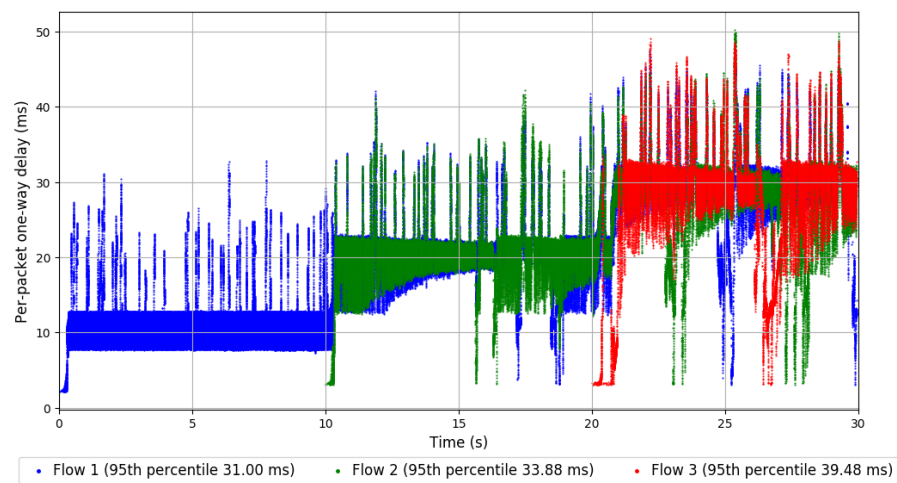
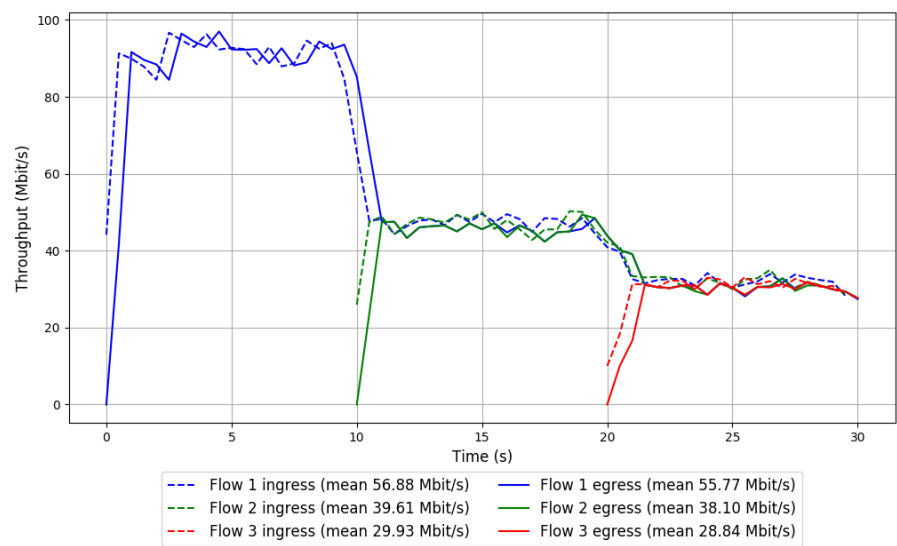


Run 8: Statistics of FillP

Start at: 2018-08-02 02:46:04
End at: 2018-08-02 02:46:34
Local clock offset: -2.079 ms
Remote clock offset: -2.141 ms

Below is generated by plot.py at 2018-08-02 03:35:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 32.814 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 55.77 Mbit/s
95th percentile per-packet one-way delay: 31.002 ms
Loss rate: 1.97%
-- Flow 2:
Average throughput: 38.10 Mbit/s
95th percentile per-packet one-way delay: 33.881 ms
Loss rate: 3.88%
-- Flow 3:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 39.479 ms
Loss rate: 3.69%

Run 8: Report of FillP — Data Link

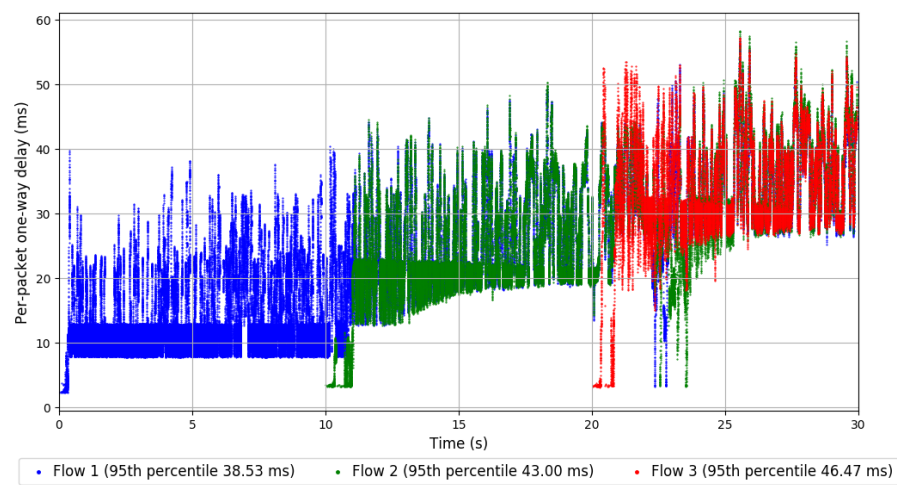
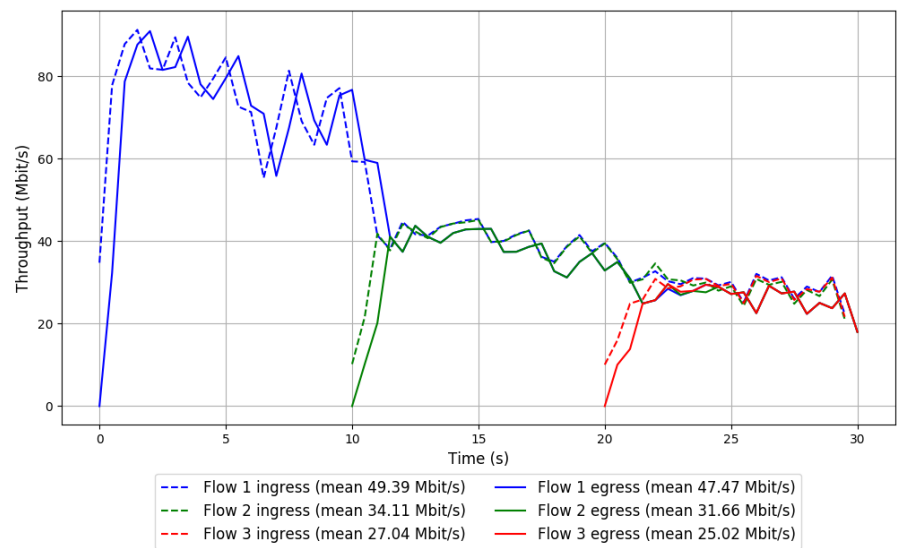


Run 9: Statistics of FillP

Start at: 2018-08-02 03:05:09
End at: 2018-08-02 03:05:39
Local clock offset: -2.271 ms
Remote clock offset: -2.085 ms

Below is generated by plot.py at 2018-08-02 03:36:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.82 Mbit/s
95th percentile per-packet one-way delay: 41.878 ms
Loss rate: 5.28%
-- Flow 1:
Average throughput: 47.47 Mbit/s
95th percentile per-packet one-way delay: 38.528 ms
Loss rate: 3.89%
-- Flow 2:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 42.999 ms
Loss rate: 7.34%
-- Flow 3:
Average throughput: 25.02 Mbit/s
95th percentile per-packet one-way delay: 46.473 ms
Loss rate: 7.72%

Run 9: Report of FillP — Data Link

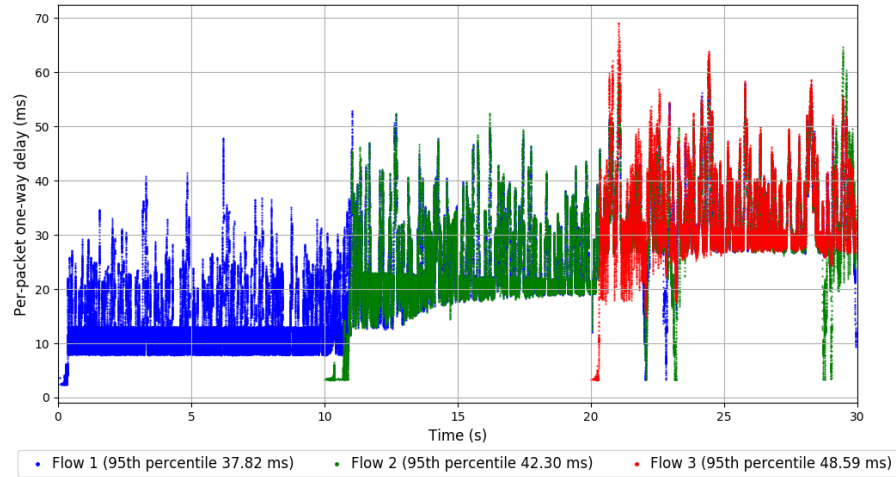
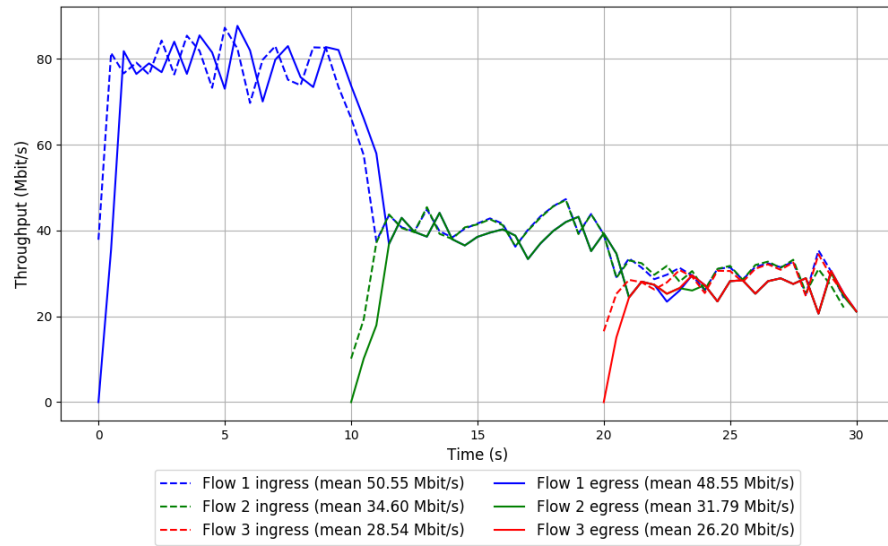


Run 10: Statistics of FillP

Start at: 2018-08-02 03:24:08
End at: 2018-08-02 03:24:38
Local clock offset: -2.235 ms
Remote clock offset: -7.175 ms

Below is generated by plot.py at 2018-08-02 03:36:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.39 Mbit/s
95th percentile per-packet one-way delay: 41.295 ms
Loss rate: 5.65%
-- Flow 1:
Average throughput: 48.55 Mbit/s
95th percentile per-packet one-way delay: 37.821 ms
Loss rate: 3.97%
-- Flow 2:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 42.298 ms
Loss rate: 8.22%
-- Flow 3:
Average throughput: 26.20 Mbit/s
95th percentile per-packet one-way delay: 48.595 ms
Loss rate: 8.34%

Run 10: Report of FillP — Data Link

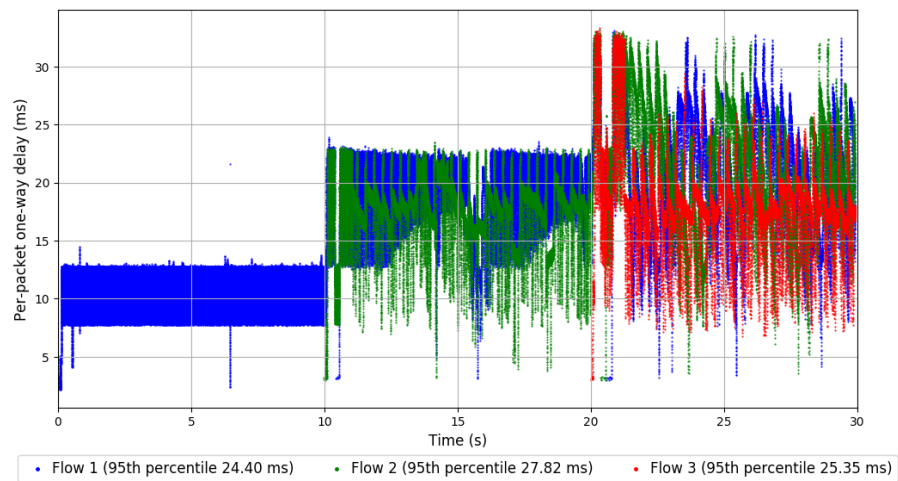
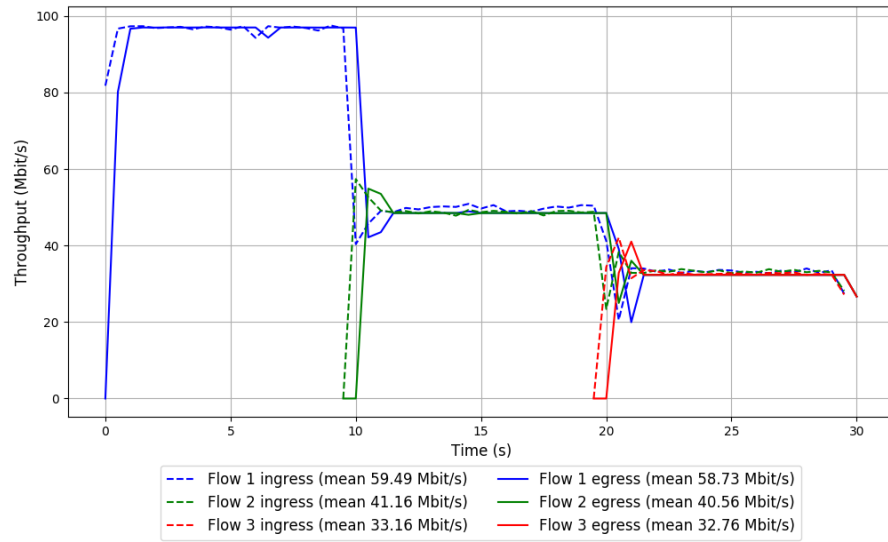


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-02 00:25:20
End at: 2018-08-02 00:25:50
Local clock offset: -4.035 ms
Remote clock offset: -2.326 ms

Below is generated by plot.py at 2018-08-02 03:36:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 25.900 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 58.73 Mbit/s
95th percentile per-packet one-way delay: 24.402 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 27.824 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 32.76 Mbit/s
95th percentile per-packet one-way delay: 25.353 ms
Loss rate: 1.24%

Run 1: Report of FillP-Sheep — Data Link

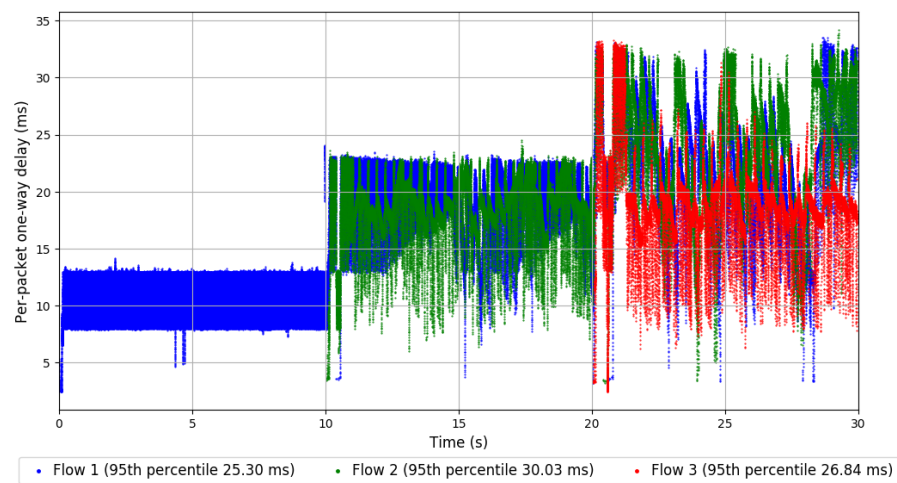
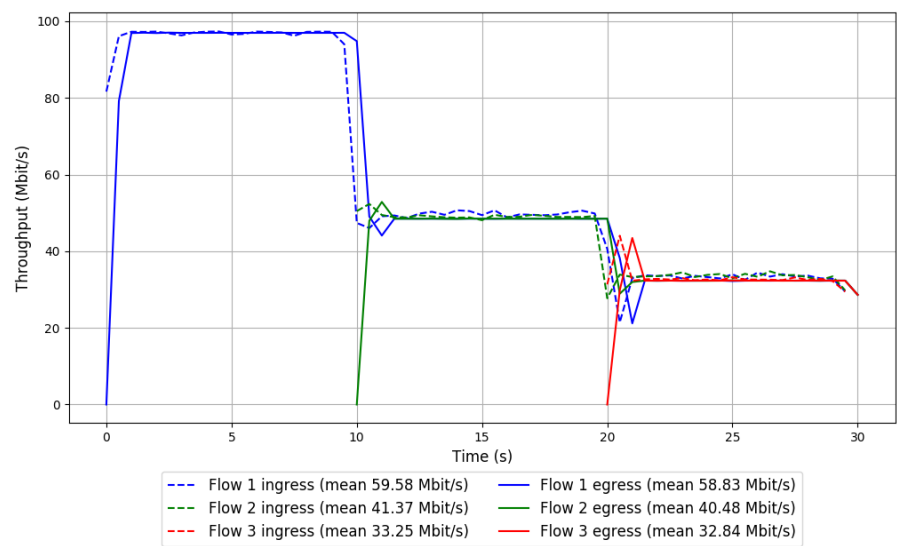


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-02 00:44:30
End at: 2018-08-02 00:45:00
Local clock offset: -3.803 ms
Remote clock offset: -2.003 ms

Below is generated by plot.py at 2018-08-02 03:37:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 28.123 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 58.83 Mbit/s
95th percentile per-packet one-way delay: 25.303 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 30.032 ms
Loss rate: 2.15%
-- Flow 3:
Average throughput: 32.84 Mbit/s
95th percentile per-packet one-way delay: 26.836 ms
Loss rate: 1.26%

Run 2: Report of FillP-Sheep — Data Link

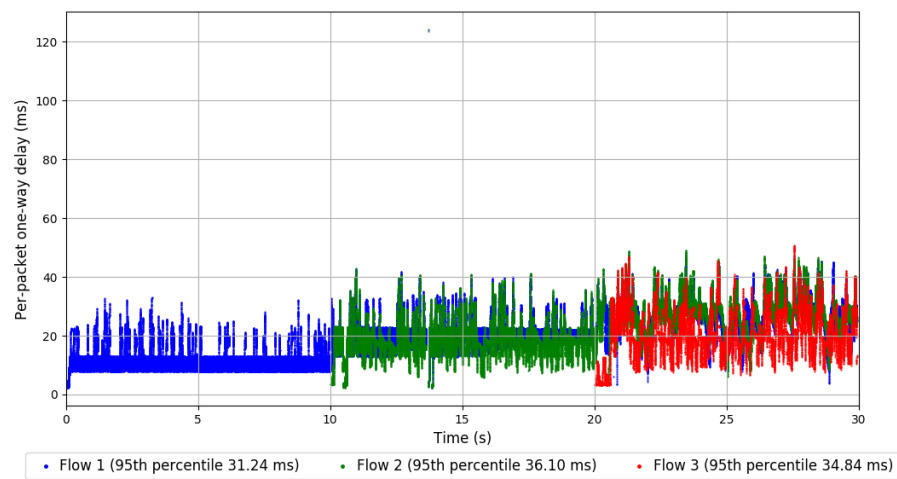
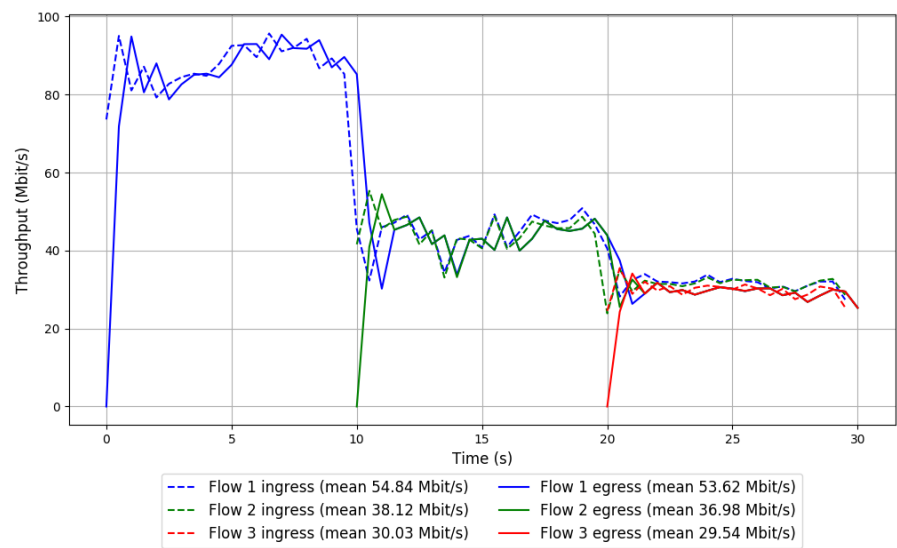


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-02 01:03:41
End at: 2018-08-02 01:04:11
Local clock offset: -2.875 ms
Remote clock offset: -2.694 ms

Below is generated by plot.py at 2018-08-02 03:37:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.01 Mbit/s
95th percentile per-packet one-way delay: 33.387 ms
Loss rate: 2.40%
-- Flow 1:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: 31.243 ms
Loss rate: 2.22%
-- Flow 2:
Average throughput: 36.98 Mbit/s
95th percentile per-packet one-way delay: 36.104 ms
Loss rate: 3.07%
-- Flow 3:
Average throughput: 29.54 Mbit/s
95th percentile per-packet one-way delay: 34.839 ms
Loss rate: 1.64%

Run 3: Report of FillP-Sheep — Data Link

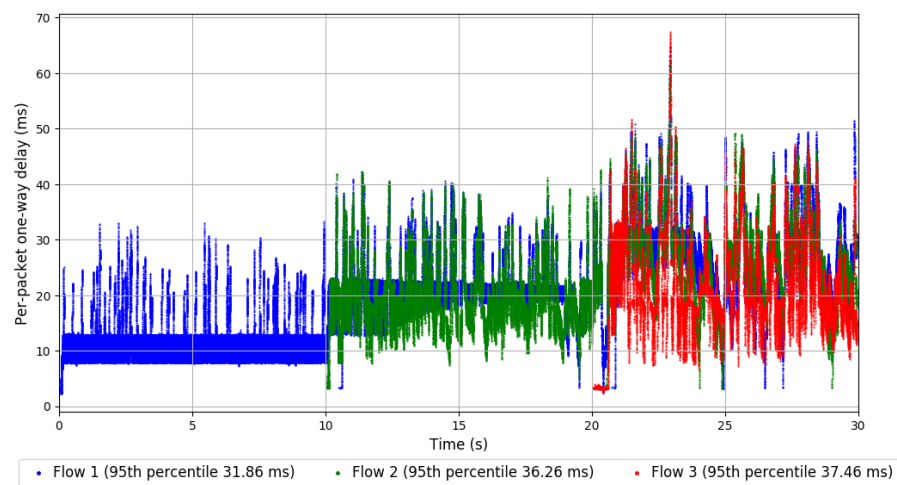
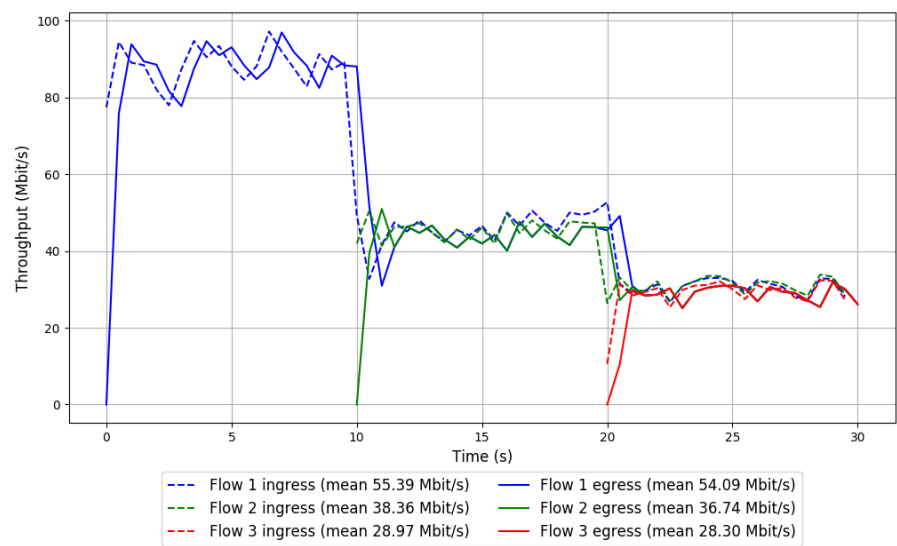


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-02 01:22:47
End at: 2018-08-02 01:23:17
Local clock offset: -2.424 ms
Remote clock offset: -2.907 ms

Below is generated by plot.py at 2018-08-02 03:37:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 34.080 ms
Loss rate: 2.91%
-- Flow 1:
Average throughput: 54.09 Mbit/s
95th percentile per-packet one-way delay: 31.857 ms
Loss rate: 2.40%
-- Flow 2:
Average throughput: 36.74 Mbit/s
95th percentile per-packet one-way delay: 36.258 ms
Loss rate: 4.23%
-- Flow 3:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 37.461 ms
Loss rate: 2.36%

Run 4: Report of FillP-Sheep — Data Link

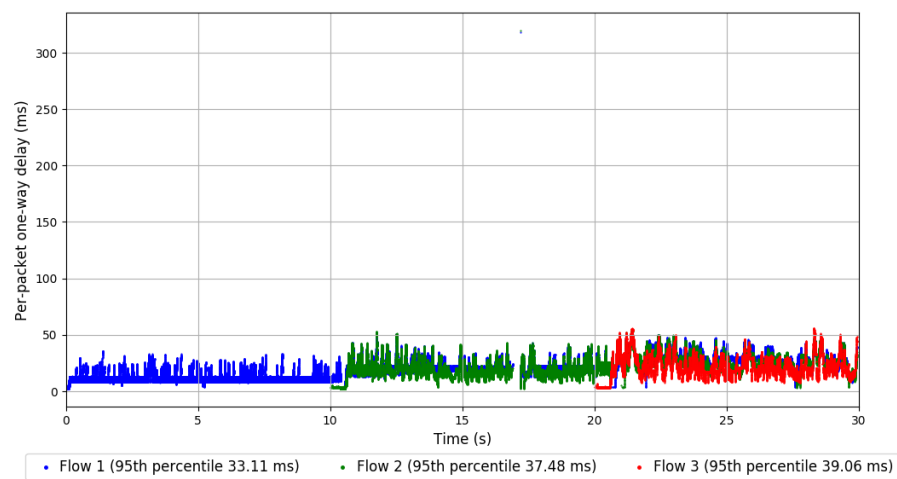
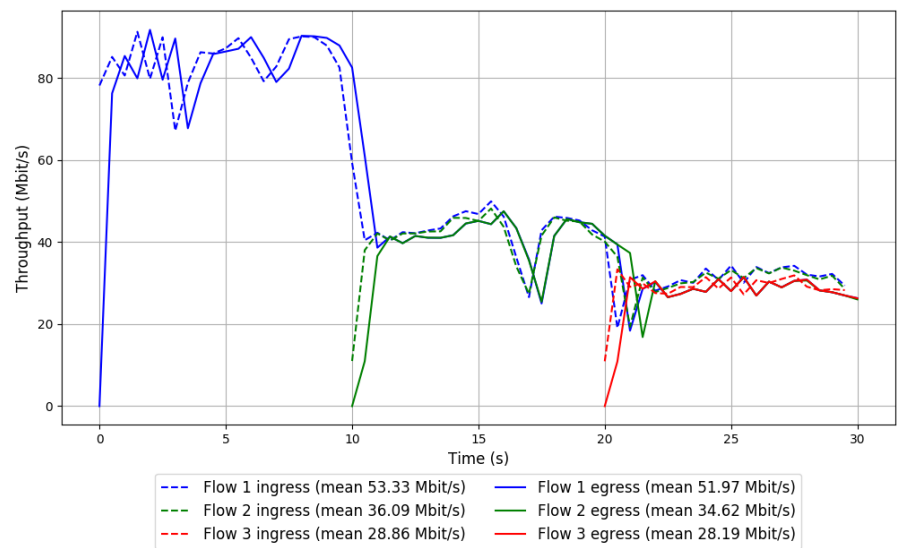


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-02 01:41:51
End at: 2018-08-02 01:42:21
Local clock offset: -2.212 ms
Remote clock offset: -6.639 ms

Below is generated by plot.py at 2018-08-02 03:37:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.36 Mbit/s
95th percentile per-packet one-way delay: 35.529 ms
Loss rate: 3.01%
-- Flow 1:
Average throughput: 51.97 Mbit/s
95th percentile per-packet one-way delay: 33.111 ms
Loss rate: 2.60%
-- Flow 2:
Average throughput: 34.62 Mbit/s
95th percentile per-packet one-way delay: 37.484 ms
Loss rate: 4.16%
-- Flow 3:
Average throughput: 28.19 Mbit/s
95th percentile per-packet one-way delay: 39.062 ms
Loss rate: 2.39%

Run 5: Report of FillP-Sheep — Data Link

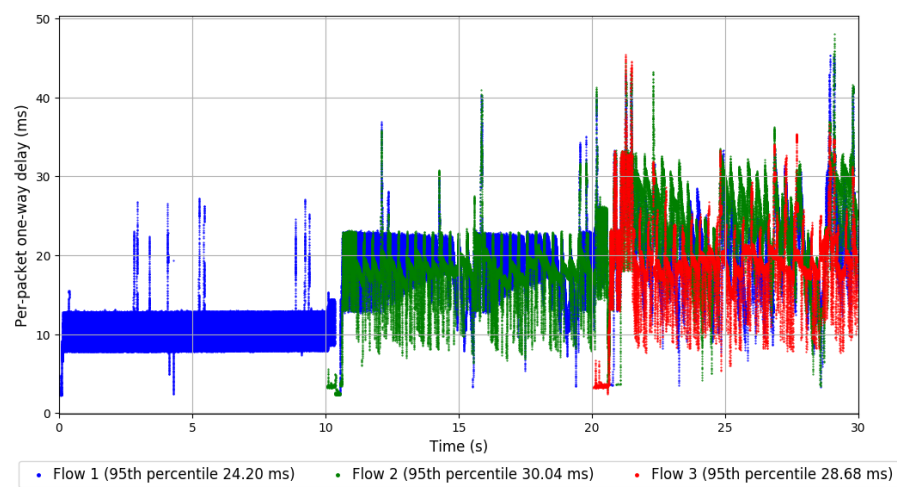
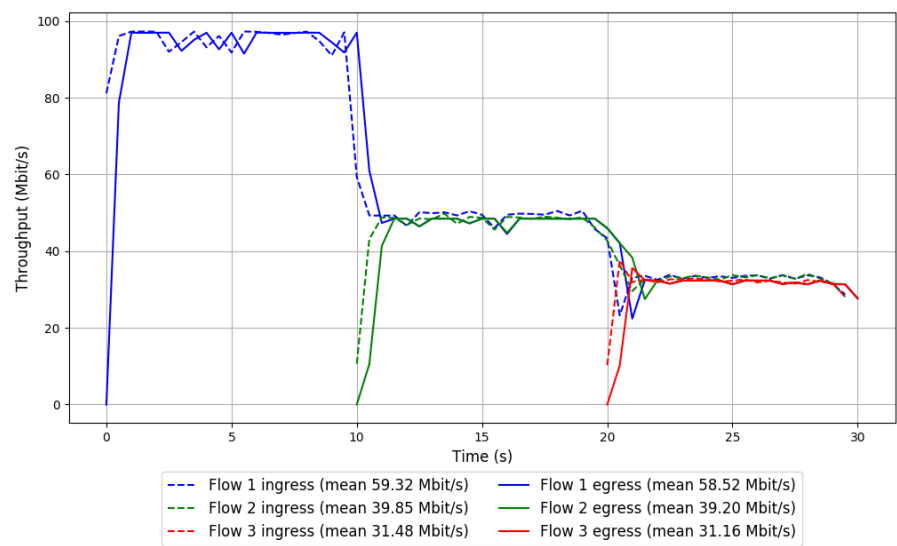


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-02 02:00:56
End at: 2018-08-02 02:01:26
Local clock offset: -2.606 ms
Remote clock offset: -6.751 ms

Below is generated by plot.py at 2018-08-02 03:37:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 27.844 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 58.52 Mbit/s
95th percentile per-packet one-way delay: 24.195 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 39.20 Mbit/s
95th percentile per-packet one-way delay: 30.036 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 31.16 Mbit/s
95th percentile per-packet one-way delay: 28.677 ms
Loss rate: 1.05%

Run 6: Report of FillP-Sheep — Data Link

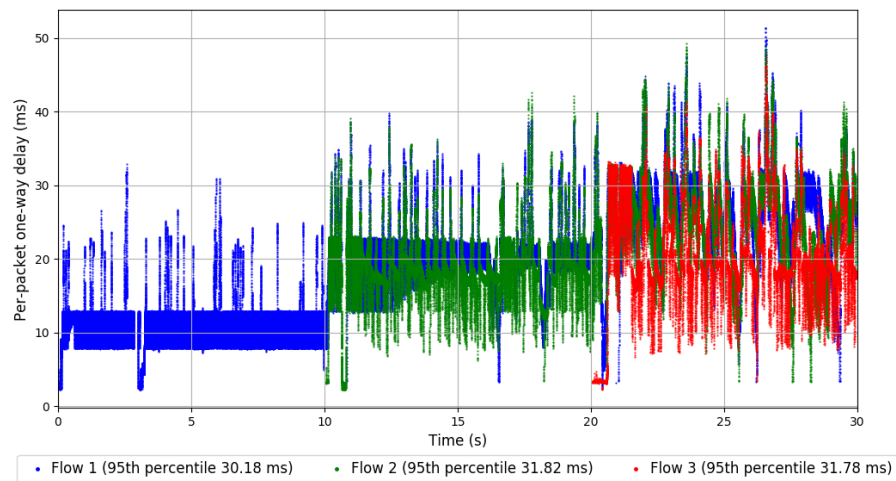
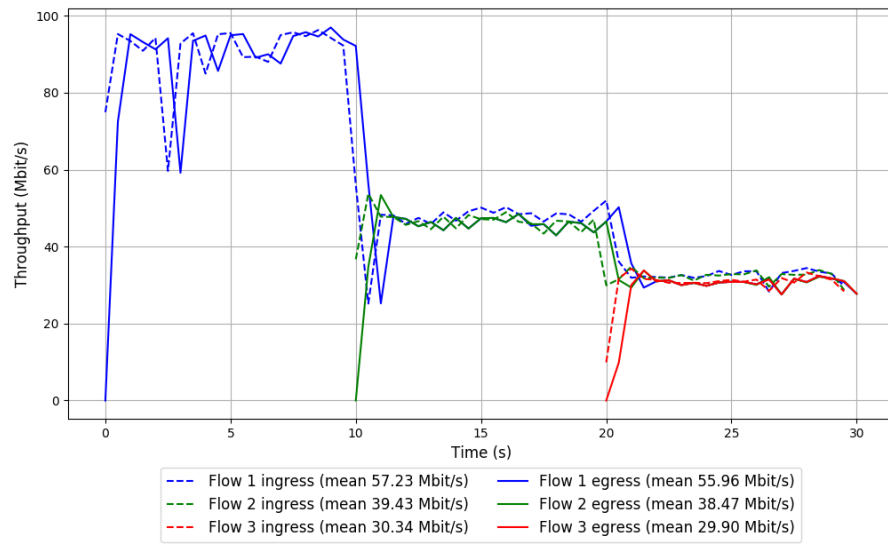


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-02 02:20:06
End at: 2018-08-02 02:20:36
Local clock offset: -2.791 ms
Remote clock offset: -2.567 ms

Below is generated by plot.py at 2018-08-02 03:37:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.44 Mbit/s
95th percentile per-packet one-way delay: 30.823 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 55.96 Mbit/s
95th percentile per-packet one-way delay: 30.181 ms
Loss rate: 2.24%
-- Flow 2:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 31.817 ms
Loss rate: 2.41%
-- Flow 3:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 31.779 ms
Loss rate: 1.49%

Run 7: Report of FillP-Sheep — Data Link

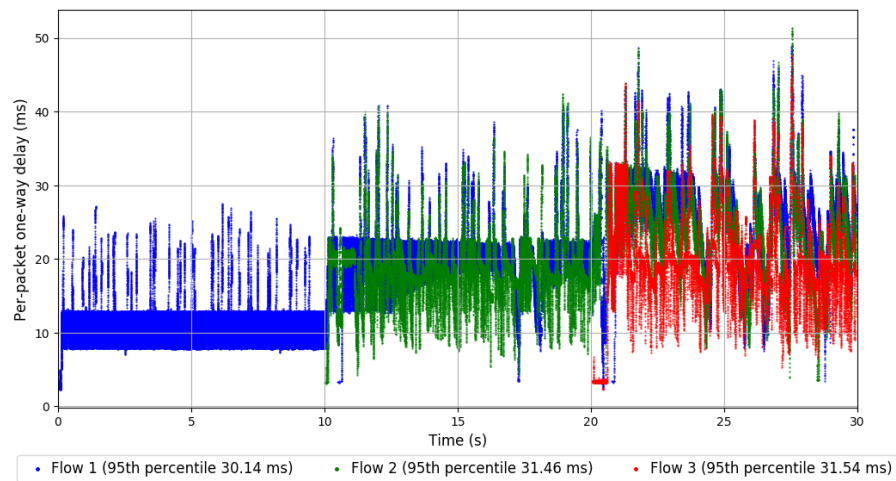
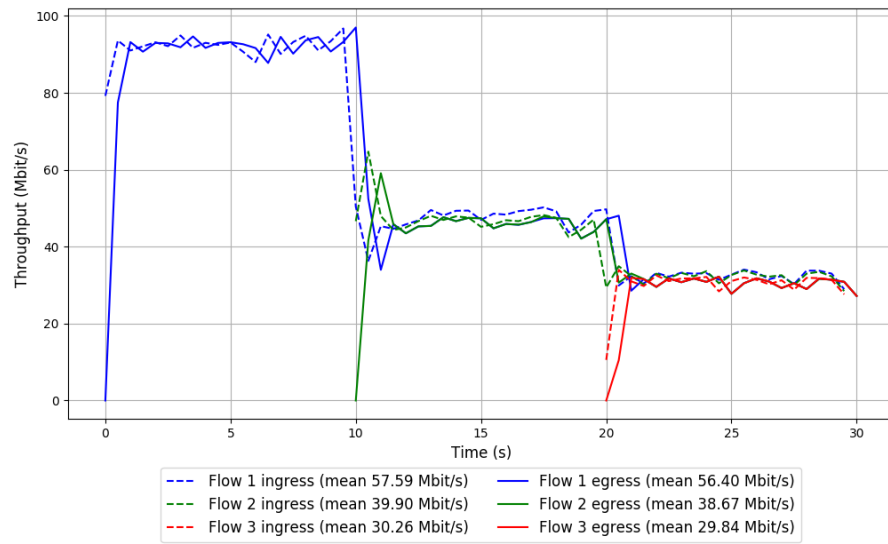


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-02 02:39:14
End at: 2018-08-02 02:39:44
Local clock offset: -2.118 ms
Remote clock offset: -2.176 ms

Below is generated by plot.py at 2018-08-02 03:37:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: 30.641 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 30.137 ms
Loss rate: 2.07%
-- Flow 2:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 31.459 ms
Loss rate: 3.07%
-- Flow 3:
Average throughput: 29.84 Mbit/s
95th percentile per-packet one-way delay: 31.544 ms
Loss rate: 1.44%

Run 8: Report of FillP-Sheep — Data Link

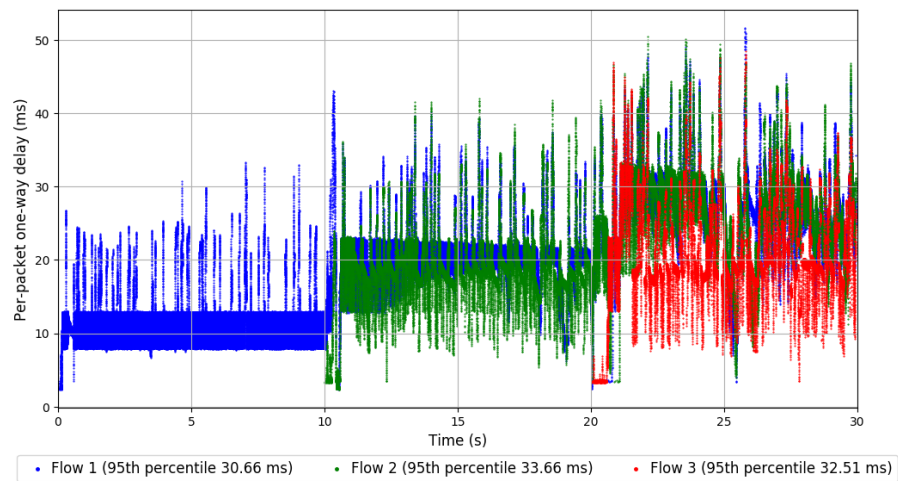
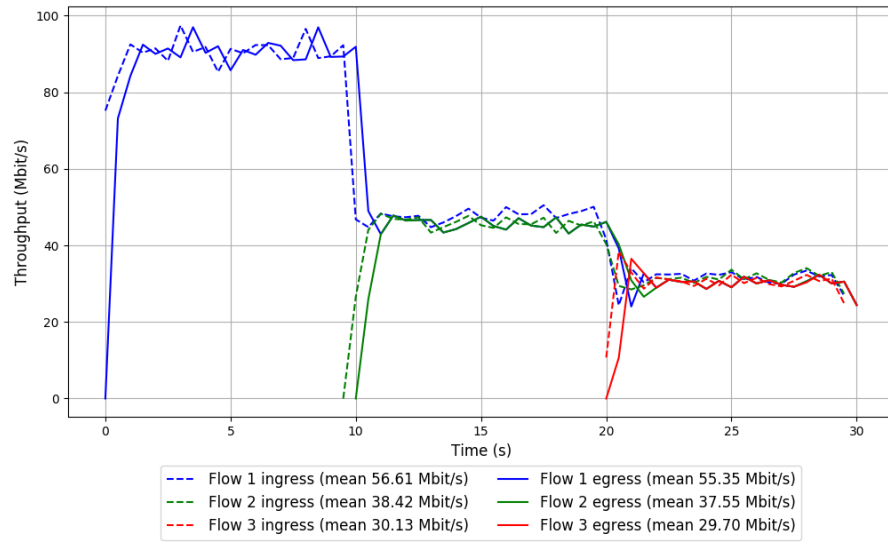


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-02 02:58:21
End at: 2018-08-02 02:58:51
Local clock offset: -2.148 ms
Remote clock offset: -2.177 ms

Below is generated by plot.py at 2018-08-02 03:38:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 31.673 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 55.35 Mbit/s
95th percentile per-packet one-way delay: 30.658 ms
Loss rate: 2.23%
-- Flow 2:
Average throughput: 37.55 Mbit/s
95th percentile per-packet one-way delay: 33.660 ms
Loss rate: 2.24%
-- Flow 3:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 32.507 ms
Loss rate: 1.46%

Run 9: Report of FillP-Sheep — Data Link

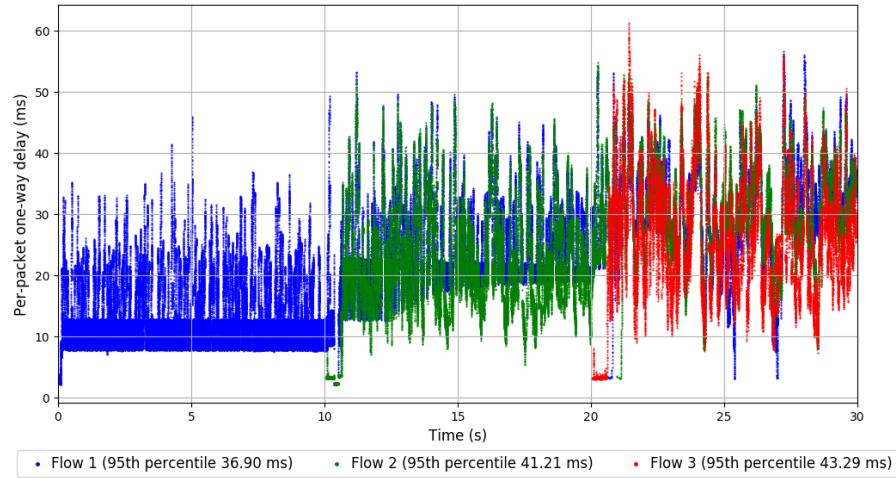
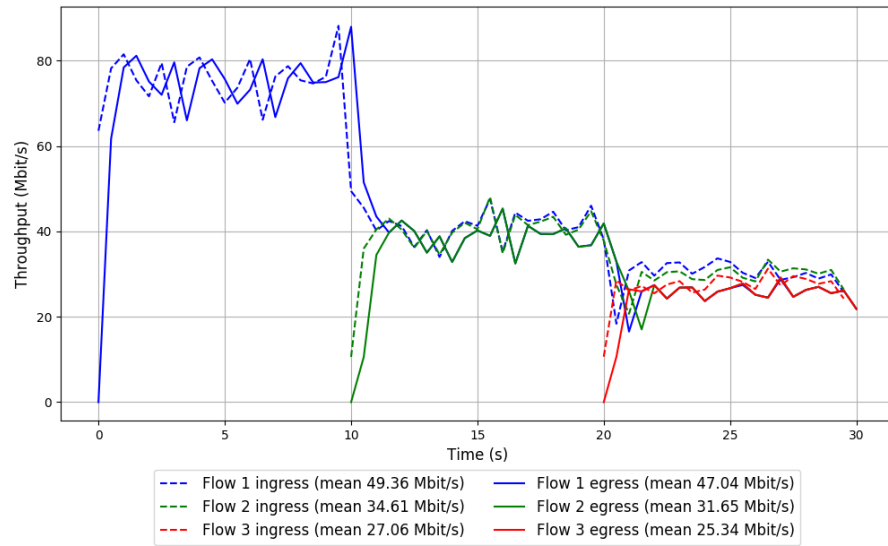


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-02 03:17:22
End at: 2018-08-02 03:17:52
Local clock offset: -2.318 ms
Remote clock offset: -5.914 ms

Below is generated by plot.py at 2018-08-02 03:38:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.50 Mbit/s
95th percentile per-packet one-way delay: 39.188 ms
Loss rate: 5.97%
-- Flow 1:
Average throughput: 47.04 Mbit/s
95th percentile per-packet one-way delay: 36.899 ms
Loss rate: 4.69%
-- Flow 2:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 41.207 ms
Loss rate: 8.57%
-- Flow 3:
Average throughput: 25.34 Mbit/s
95th percentile per-packet one-way delay: 43.288 ms
Loss rate: 6.36%

Run 10: Report of FillP-Sheep — Data Link

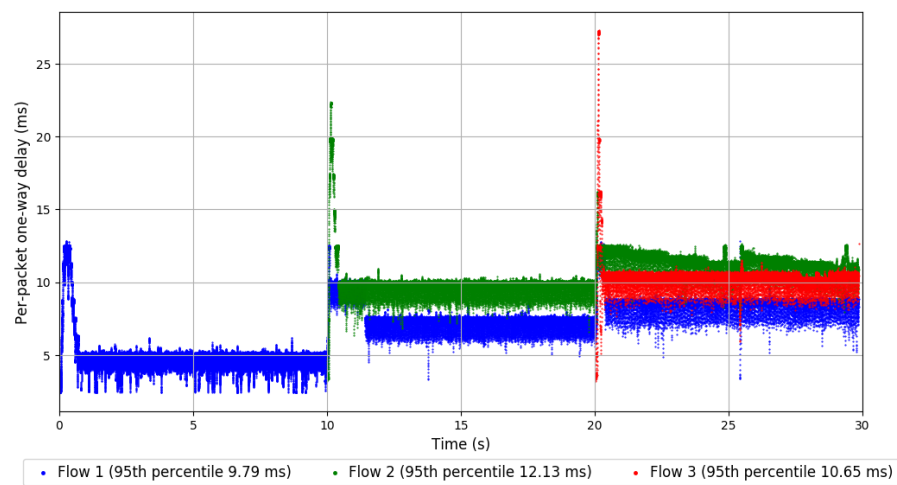
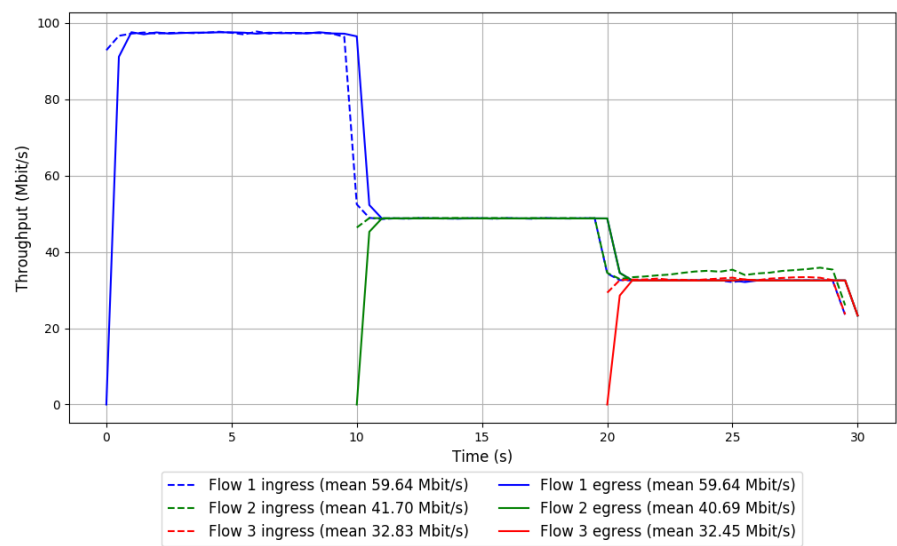


Run 1: Statistics of Indigo

Start at: 2018-08-02 00:28:45
End at: 2018-08-02 00:29:15
Local clock offset: -3.867 ms
Remote clock offset: -2.309 ms

Below is generated by plot.py at 2018-08-02 03:38:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 11.639 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 59.64 Mbit/s
95th percentile per-packet one-way delay: 9.786 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 12.133 ms
Loss rate: 2.51%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 10.654 ms
Loss rate: 1.20%

Run 1: Report of Indigo — Data Link

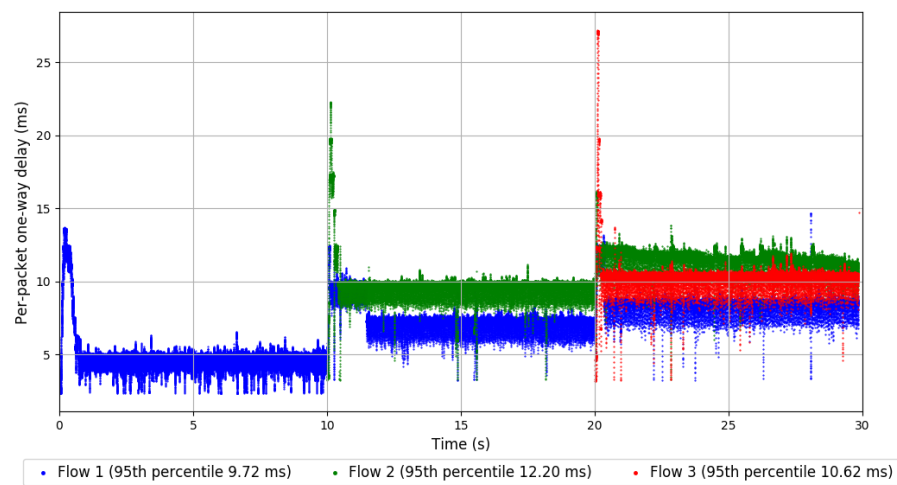
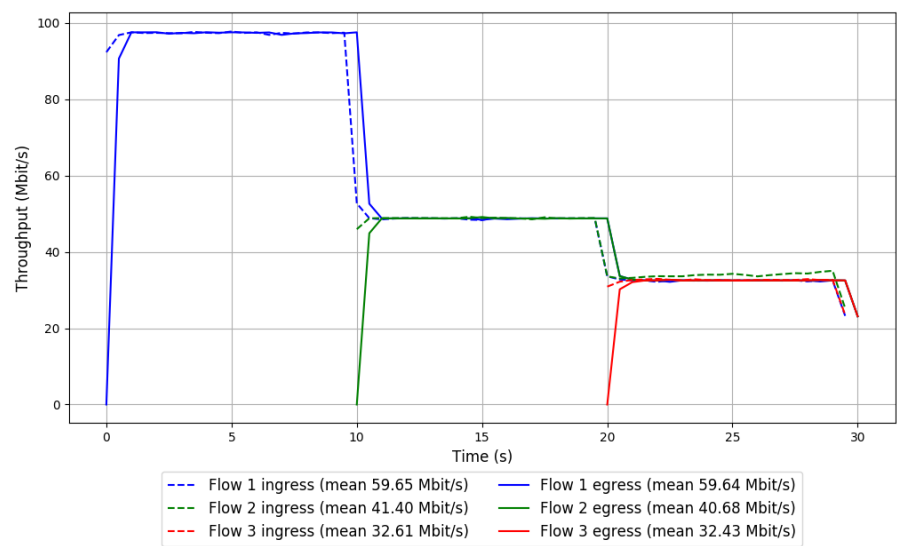


Run 2: Statistics of Indigo

Start at: 2018-08-02 00:47:55
End at: 2018-08-02 00:48:25
Local clock offset: -3.865 ms
Remote clock offset: -1.823 ms

Below is generated by plot.py at 2018-08-02 03:38:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 11.775 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 59.64 Mbit/s
95th percentile per-packet one-way delay: 9.725 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 12.196 ms
Loss rate: 1.78%
-- Flow 3:
Average throughput: 32.43 Mbit/s
95th percentile per-packet one-way delay: 10.617 ms
Loss rate: 0.57%

Run 2: Report of Indigo — Data Link

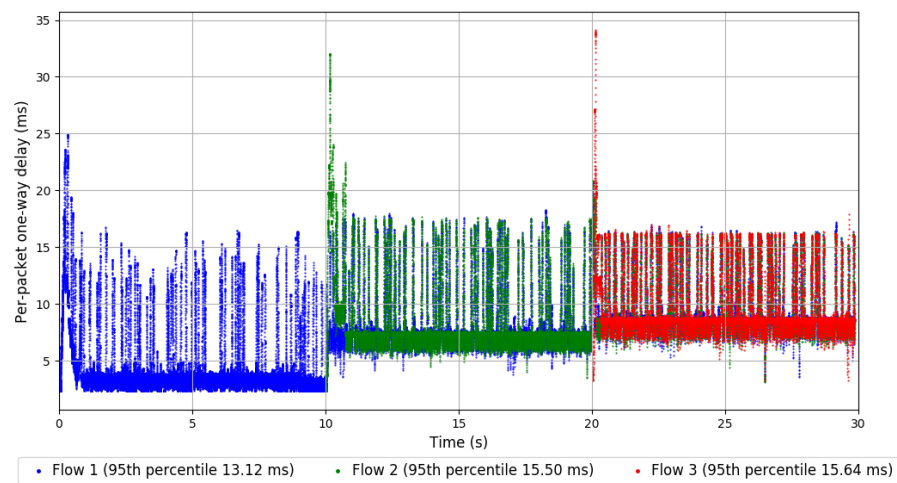
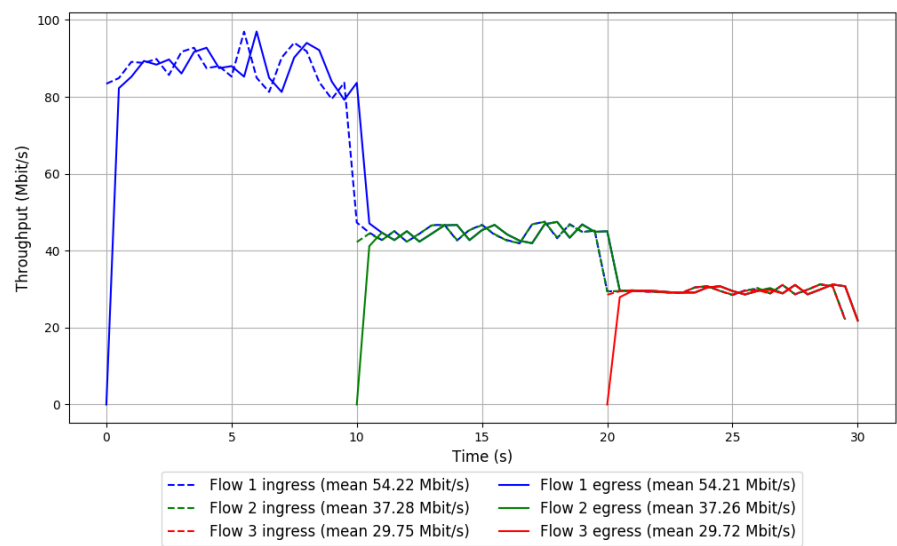


Run 3: Statistics of Indigo

Start at: 2018-08-02 01:07:05
End at: 2018-08-02 01:07:35
Local clock offset: -2.724 ms
Remote clock offset: -2.739 ms

```
# Below is generated by plot.py at 2018-08-02 03:38:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 14.523 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 54.21 Mbit/s
95th percentile per-packet one-way delay: 13.121 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 15.502 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.72 Mbit/s
95th percentile per-packet one-way delay: 15.638 ms
Loss rate: 0.12%
```

Run 3: Report of Indigo — Data Link

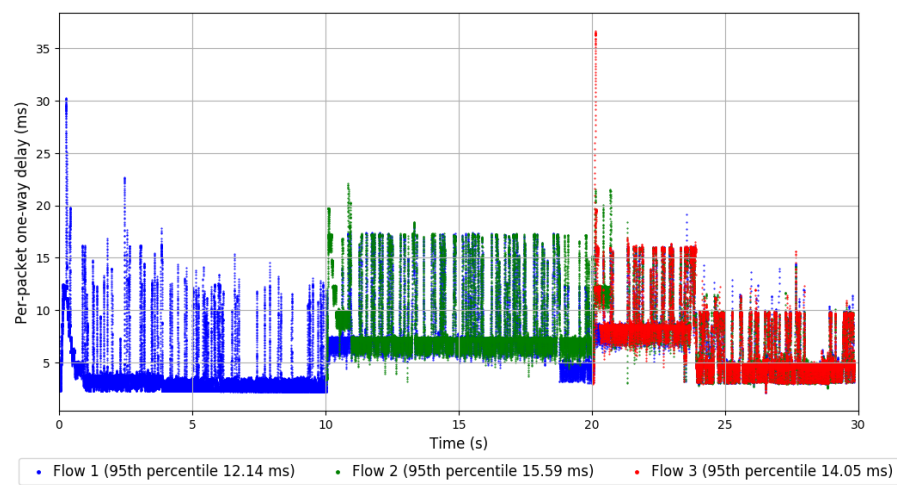
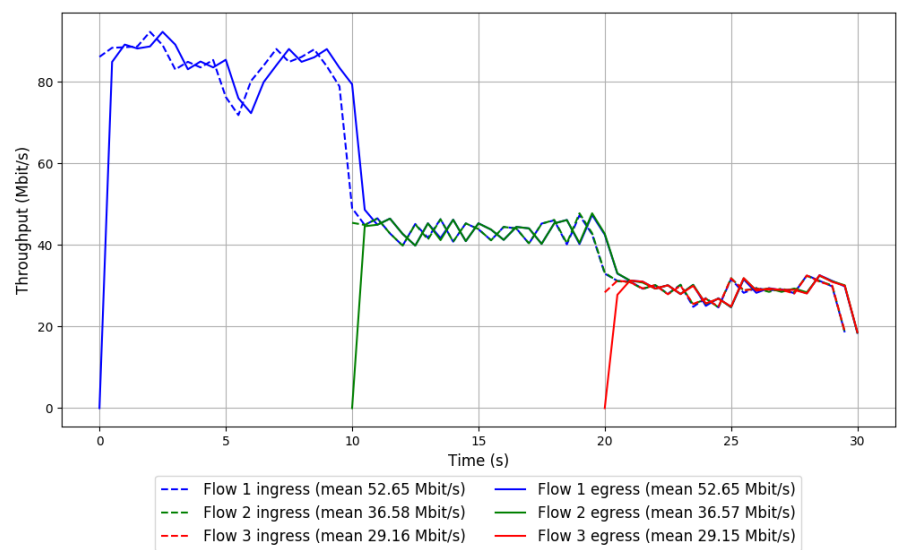


Run 4: Statistics of Indigo

Start at: 2018-08-02 01:26:11
End at: 2018-08-02 01:26:41
Local clock offset: -2.427 ms
Remote clock offset: -3.502 ms

Below is generated by plot.py at 2018-08-02 03:38:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.55 Mbit/s
95th percentile per-packet one-way delay: 13.583 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 52.65 Mbit/s
95th percentile per-packet one-way delay: 12.143 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.57 Mbit/s
95th percentile per-packet one-way delay: 15.589 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 14.055 ms
Loss rate: 0.09%

Run 4: Report of Indigo — Data Link

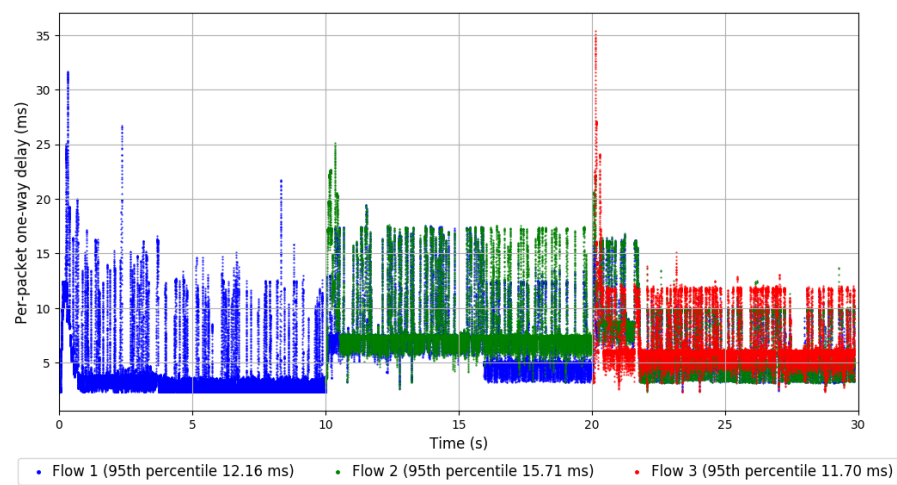
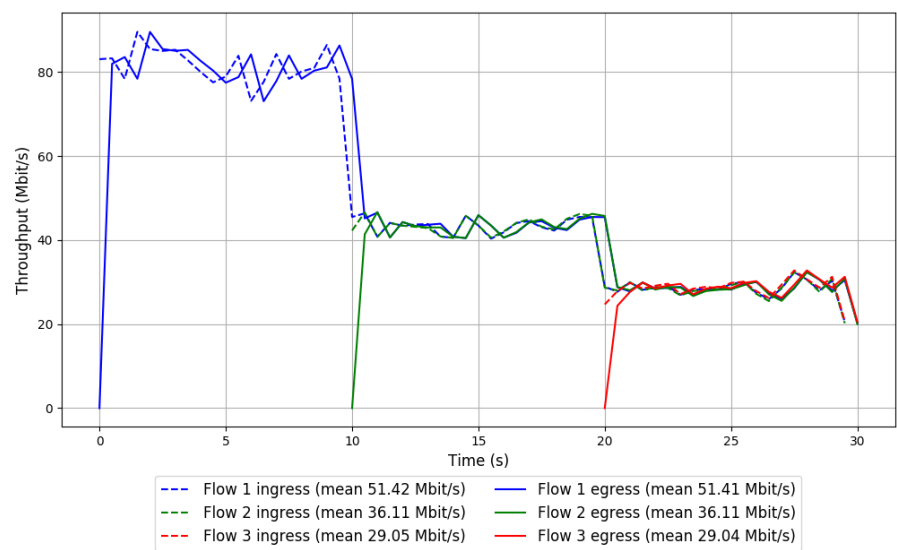


Run 5: Statistics of Indigo

Start at: 2018-08-02 01:45:15
End at: 2018-08-02 01:45:45
Local clock offset: -2.172 ms
Remote clock offset: -6.962 ms

Below is generated by plot.py at 2018-08-02 03:38:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.96 Mbit/s
95th percentile per-packet one-way delay: 12.811 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 51.41 Mbit/s
95th percentile per-packet one-way delay: 12.164 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 15.711 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 29.04 Mbit/s
95th percentile per-packet one-way delay: 11.698 ms
Loss rate: 0.10%

Run 5: Report of Indigo — Data Link

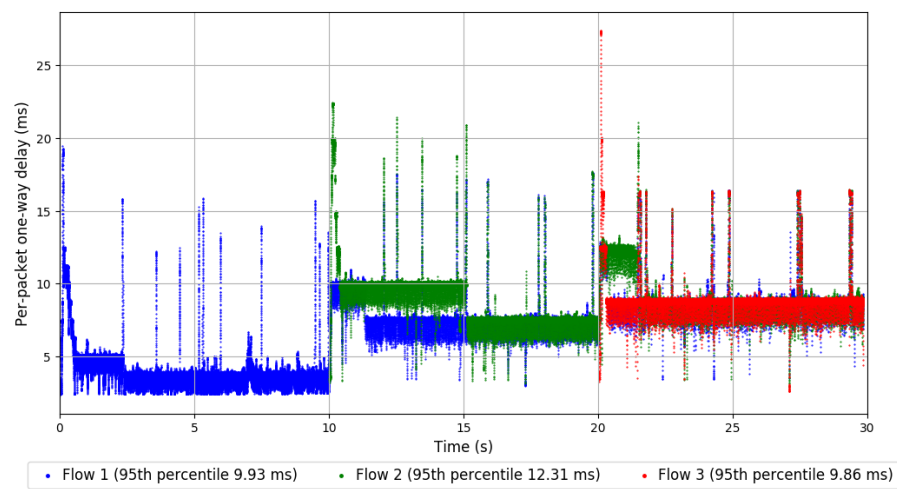
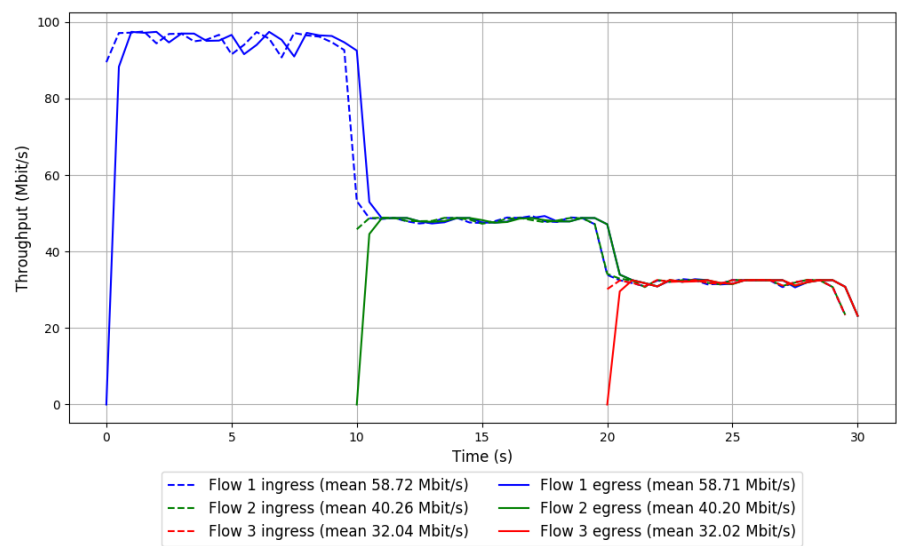


Run 6: Statistics of Indigo

Start at: 2018-08-02 02:04:21
End at: 2018-08-02 02:04:51
Local clock offset: -2.611 ms
Remote clock offset: -5.294 ms

Below is generated by plot.py at 2018-08-02 03:38:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 10.240 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 58.71 Mbit/s
95th percentile per-packet one-way delay: 9.925 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.20 Mbit/s
95th percentile per-packet one-way delay: 12.314 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 9.857 ms
Loss rate: 0.11%

Run 6: Report of Indigo — Data Link

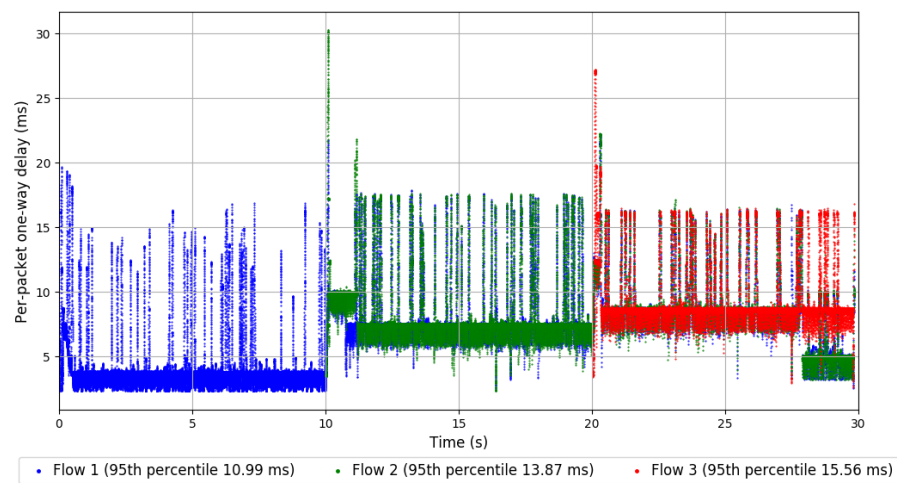
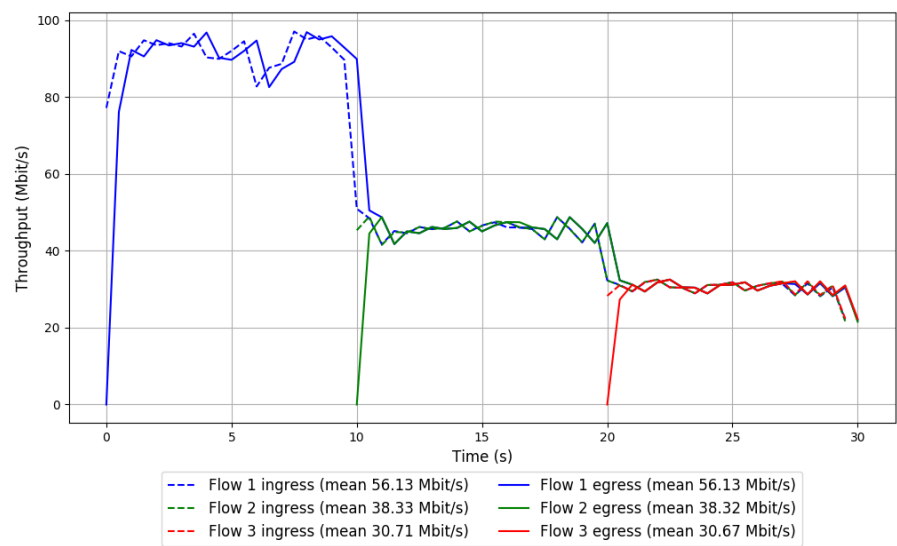


Run 7: Statistics of Indigo

Start at: 2018-08-02 02:23:31
End at: 2018-08-02 02:24:01
Local clock offset: -2.702 ms
Remote clock offset: -2.363 ms

Below is generated by plot.py at 2018-08-02 03:39:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 12.417 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 56.13 Mbit/s
95th percentile per-packet one-way delay: 10.992 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.32 Mbit/s
95th percentile per-packet one-way delay: 13.874 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 15.559 ms
Loss rate: 0.16%

Run 7: Report of Indigo — Data Link

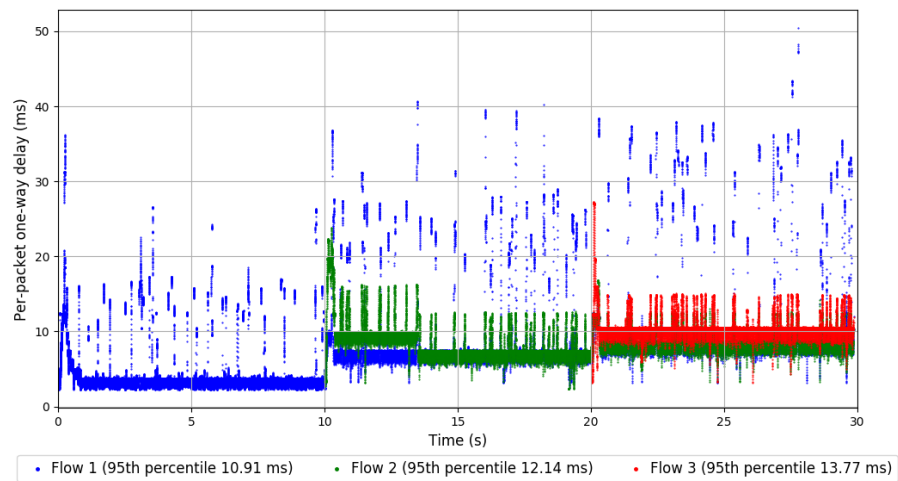
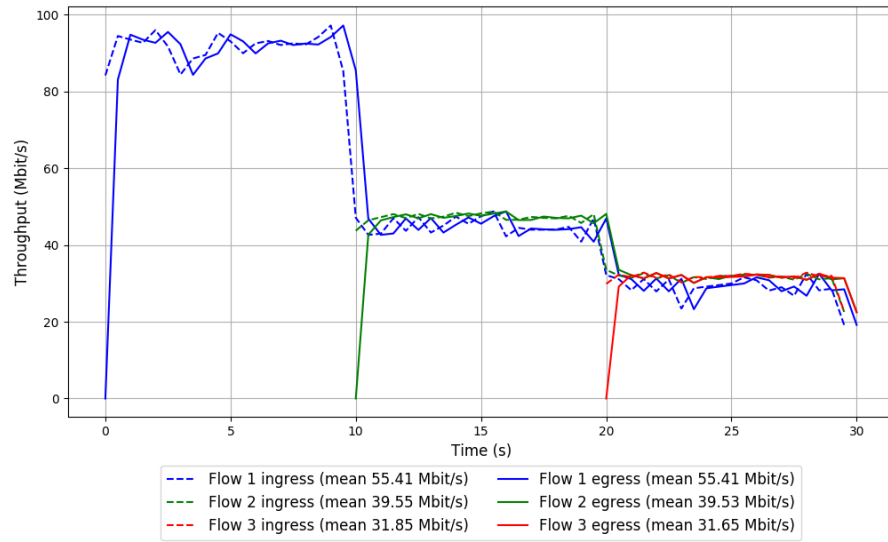


Run 8: Statistics of Indigo

Start at: 2018-08-02 02:42:39
End at: 2018-08-02 02:43:09
Local clock offset: -2.131 ms
Remote clock offset: -2.159 ms

```
# Below is generated by plot.py at 2018-08-02 03:39:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 12.169 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 10.909 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 12.143 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 13.774 ms
Loss rate: 0.70%
```

Run 8: Report of Indigo — Data Link

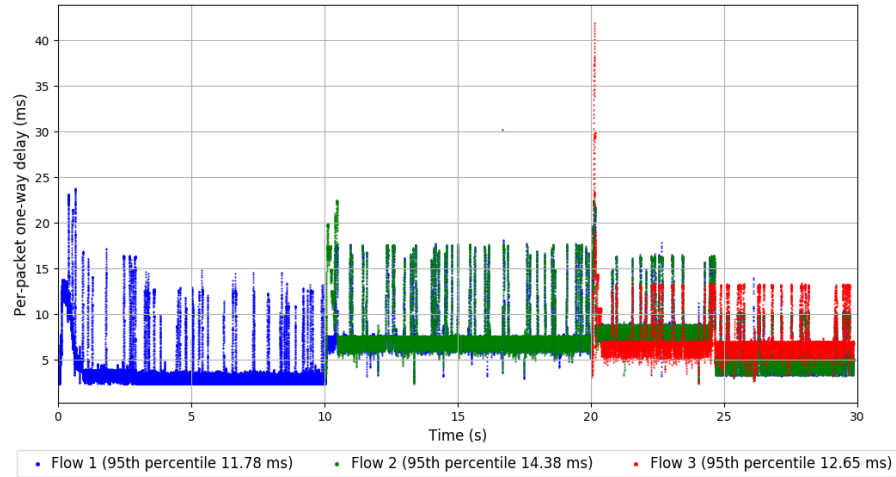
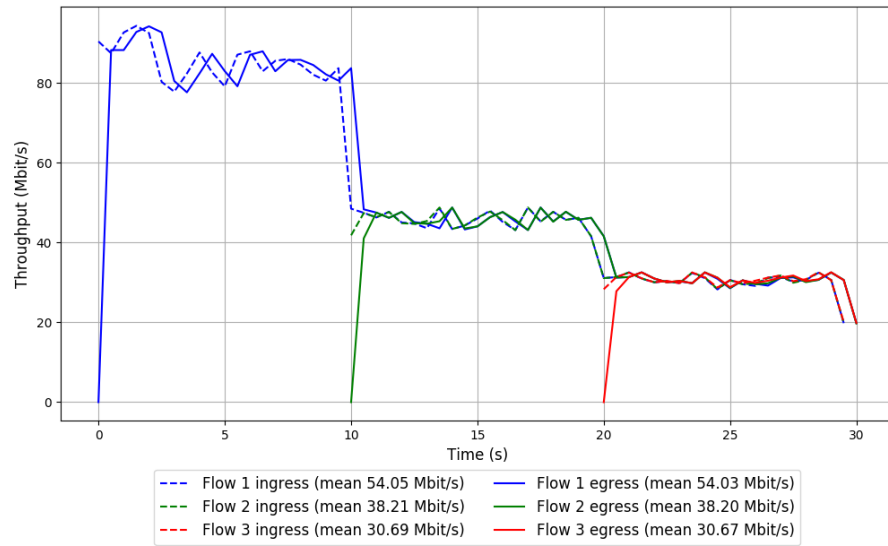


Run 9: Statistics of Indigo

Start at: 2018-08-02 03:01:46
End at: 2018-08-02 03:02:16
Local clock offset: -2.207 ms
Remote clock offset: -2.083 ms

Below is generated by plot.py at 2018-08-02 03:39:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 12.299 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 11.778 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 14.385 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.67 Mbit/s
95th percentile per-packet one-way delay: 12.655 ms
Loss rate: 0.11%

Run 9: Report of Indigo — Data Link

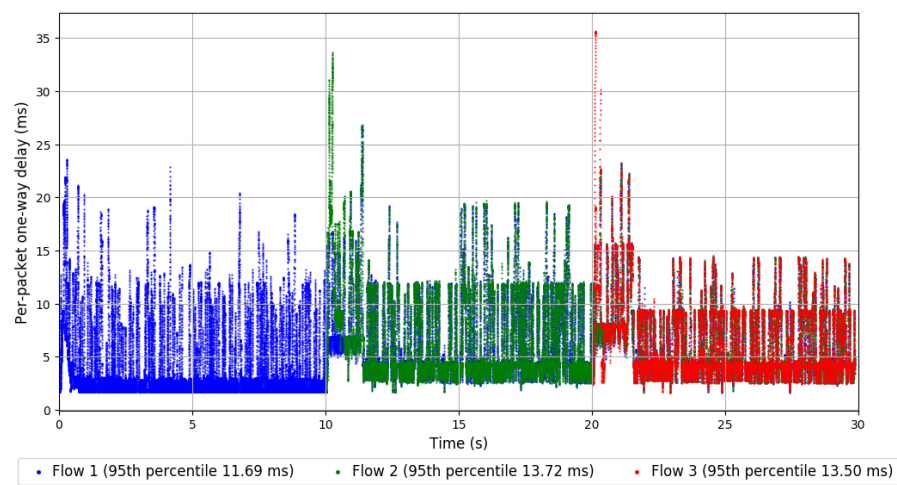
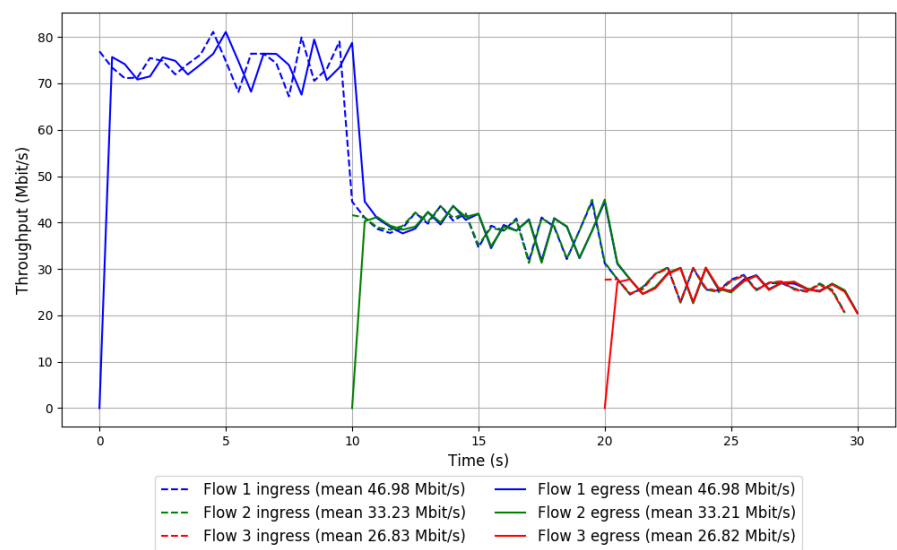


Run 10: Statistics of Indigo

Start at: 2018-08-02 03:20:44
End at: 2018-08-02 03:21:14
Local clock offset: -2.323 ms
Remote clock offset: -5.961 ms

Below is generated by plot.py at 2018-08-02 03:39:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 12.034 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 46.98 Mbit/s
95th percentile per-packet one-way delay: 11.688 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.21 Mbit/s
95th percentile per-packet one-way delay: 13.719 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 26.82 Mbit/s
95th percentile per-packet one-way delay: 13.498 ms
Loss rate: 0.10%

Run 10: Report of Indigo — Data Link

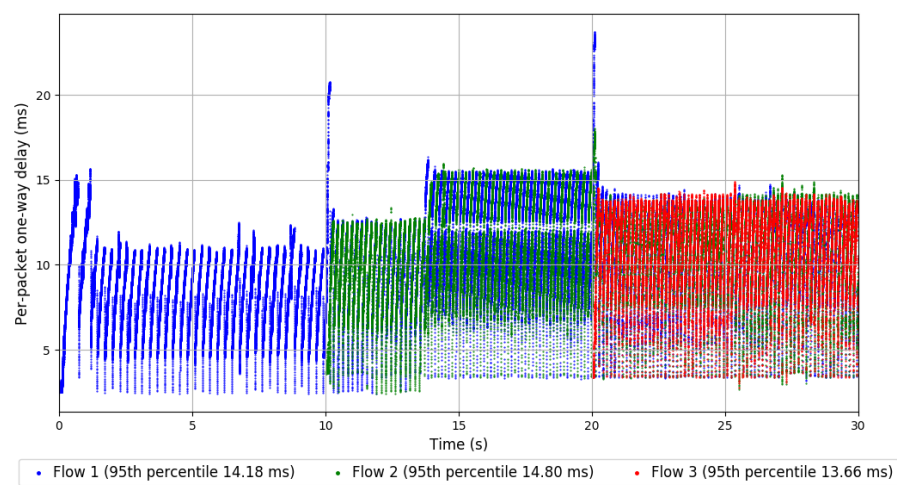
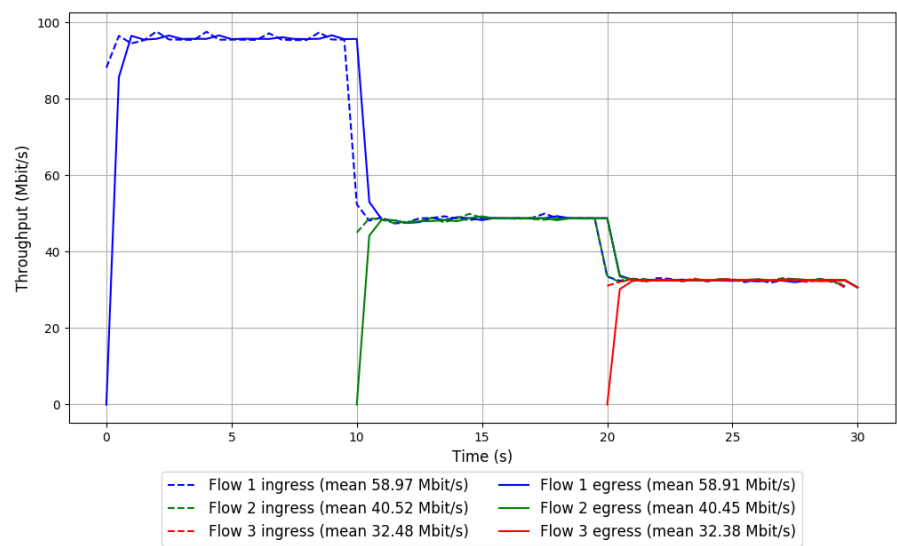


Run 1: Statistics of LEDBAT

Start at: 2018-08-02 00:31:02
End at: 2018-08-02 00:31:32
Local clock offset: -3.834 ms
Remote clock offset: -2.335 ms

Below is generated by plot.py at 2018-08-02 03:39:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 14.300 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 14.175 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 14.805 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 13.658 ms
Loss rate: 0.35%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-08-02 00:50:12

End at: 2018-08-02 00:50:42

Local clock offset: -3.886 ms

Remote clock offset: -1.83 ms

Below is generated by plot.py at 2018-08-02 03:39:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.67 Mbit/s

95th percentile per-packet one-way delay: 14.318 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 58.98 Mbit/s

95th percentile per-packet one-way delay: 14.131 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 40.47 Mbit/s

95th percentile per-packet one-way delay: 14.750 ms

Loss rate: 0.20%

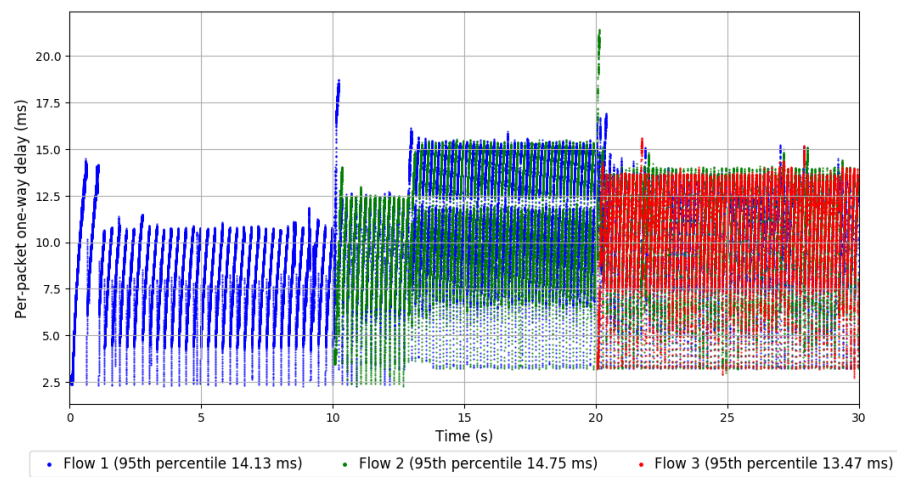
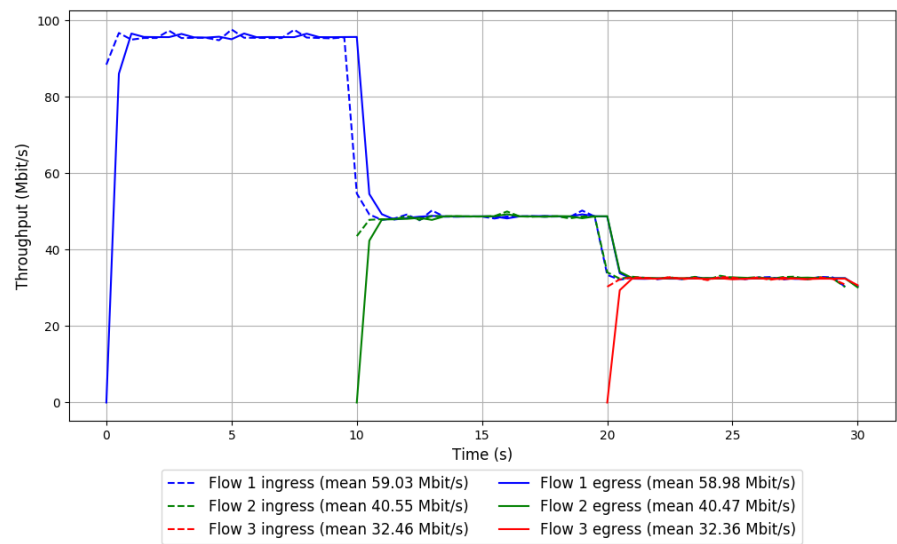
-- Flow 3:

Average throughput: 32.36 Mbit/s

95th percentile per-packet one-way delay: 13.473 ms

Loss rate: 0.35%

Run 2: Report of LEDBAT — Data Link

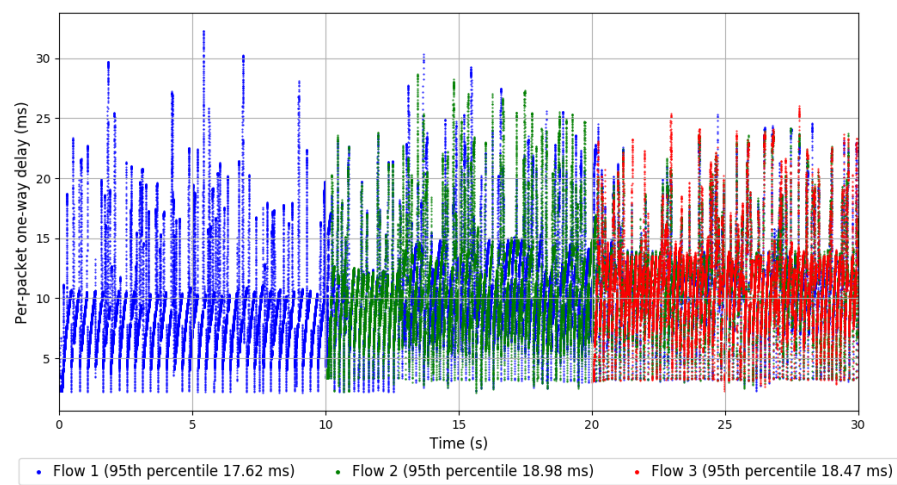
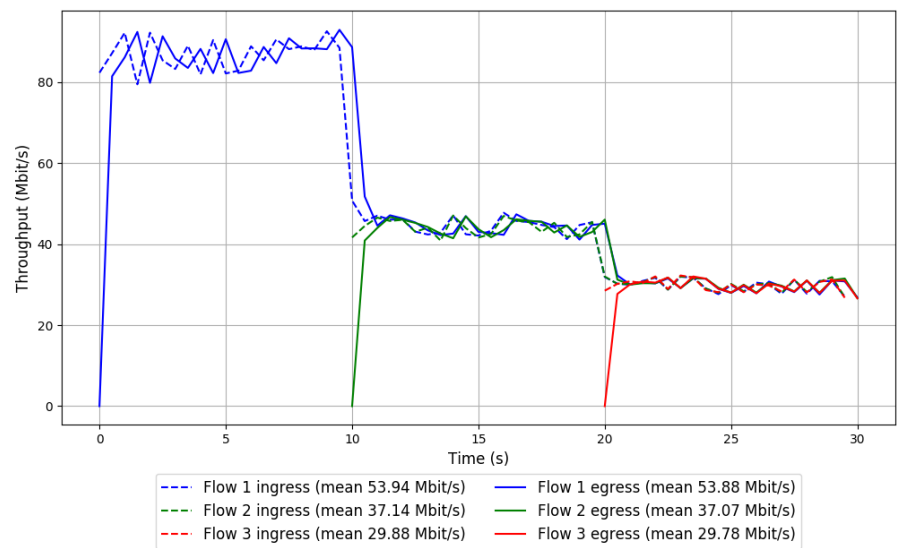


Run 3: Statistics of LEDBAT

Start at: 2018-08-02 01:09:21
End at: 2018-08-02 01:09:51
Local clock offset: -2.728 ms
Remote clock offset: -2.784 ms

Below is generated by plot.py at 2018-08-02 03:39:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 18.138 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 17.617 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 18.981 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 18.467 ms
Loss rate: 0.36%

Run 3: Report of LEDBAT — Data Link

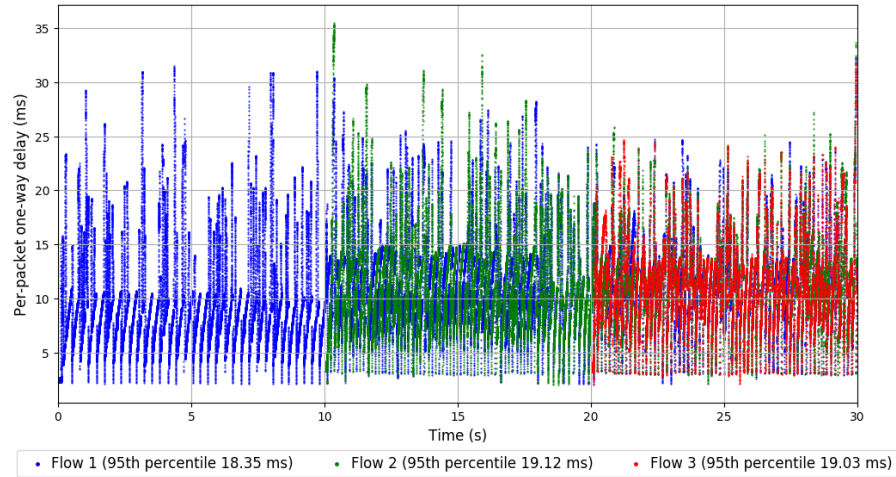
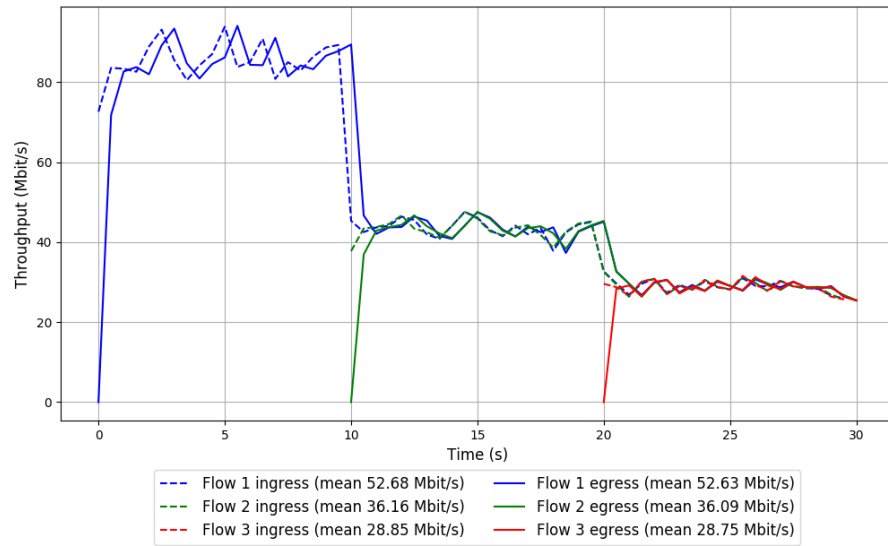


Run 4: Statistics of LEDBAT

Start at: 2018-08-02 01:28:26
End at: 2018-08-02 01:28:56
Local clock offset: -2.361 ms
Remote clock offset: -4.156 ms

Below is generated by plot.py at 2018-08-02 03:39:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.22 Mbit/s
95th percentile per-packet one-way delay: 18.702 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 52.63 Mbit/s
95th percentile per-packet one-way delay: 18.351 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 19.125 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 28.75 Mbit/s
95th percentile per-packet one-way delay: 19.032 ms
Loss rate: 0.36%

Run 4: Report of LEDBAT — Data Link

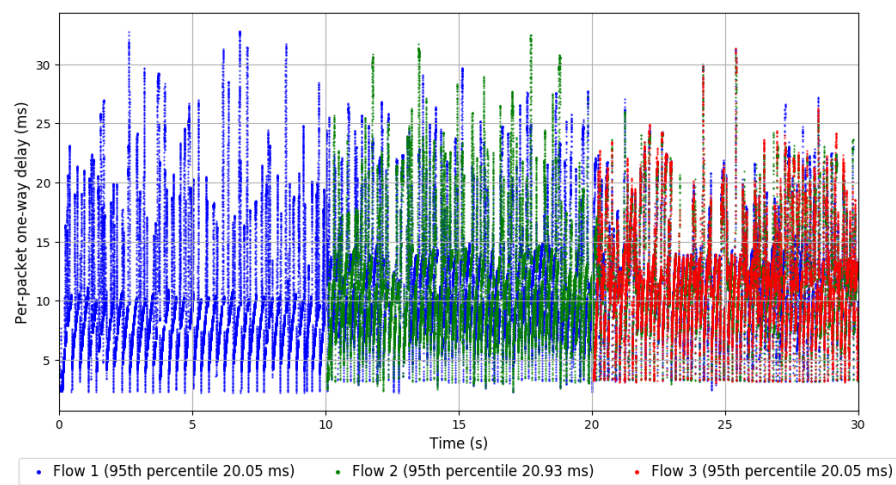
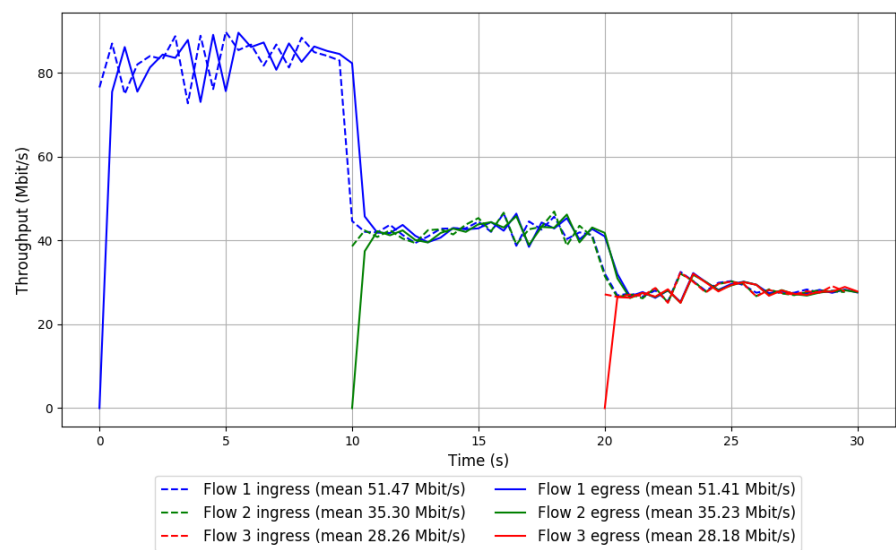


Run 5: Statistics of LEDBAT

Start at: 2018-08-02 01:47:31
End at: 2018-08-02 01:48:01
Local clock offset: -2.167 ms
Remote clock offset: -7.175 ms

Below is generated by plot.py at 2018-08-02 03:40:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.23 Mbit/s
95th percentile per-packet one-way delay: 20.352 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 51.41 Mbit/s
95th percentile per-packet one-way delay: 20.050 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 35.23 Mbit/s
95th percentile per-packet one-way delay: 20.926 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 28.18 Mbit/s
95th percentile per-packet one-way delay: 20.055 ms
Loss rate: 0.35%

Run 5: Report of LEDBAT — Data Link

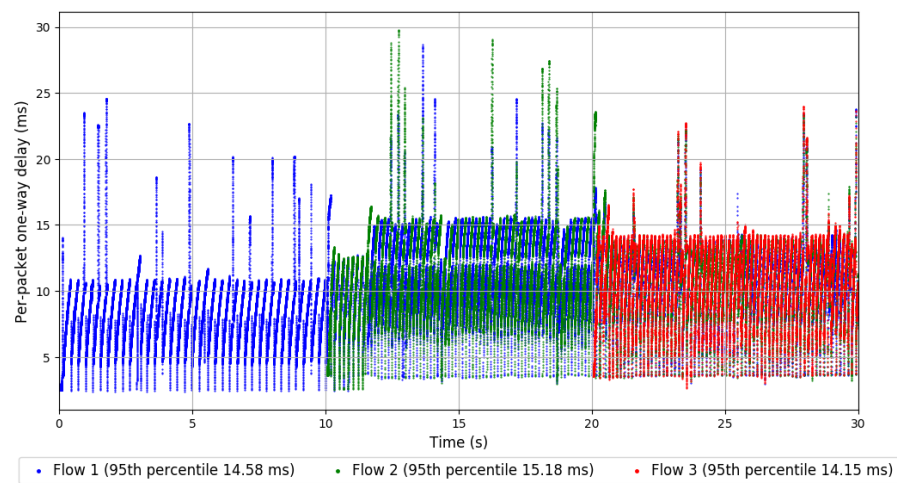
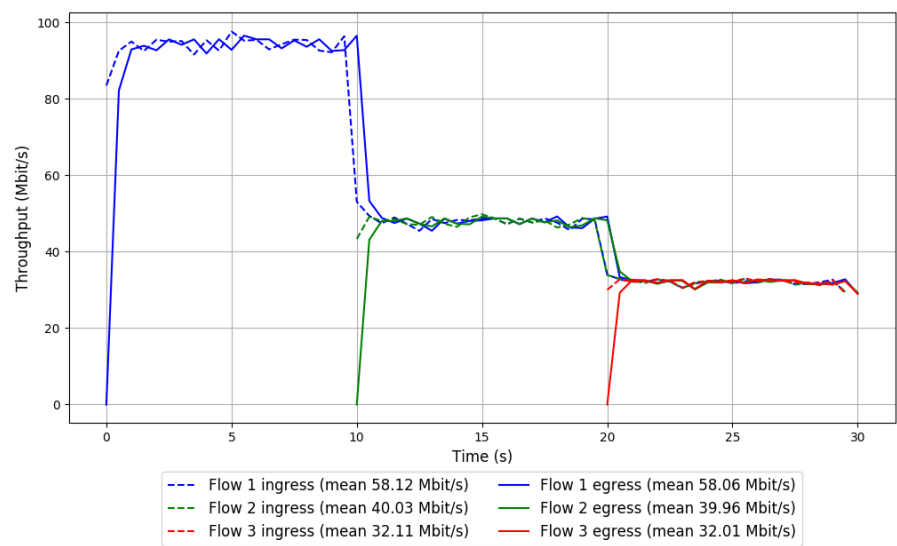


Run 6: Statistics of LEDBAT

Start at: 2018-08-02 02:06:38
End at: 2018-08-02 02:07:08
Local clock offset: -2.656 ms
Remote clock offset: -4.646 ms

Below is generated by plot.py at 2018-08-02 03:40:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 14.835 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.06 Mbit/s
95th percentile per-packet one-way delay: 14.578 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 15.178 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 14.150 ms
Loss rate: 0.37%

Run 6: Report of LEDBAT — Data Link

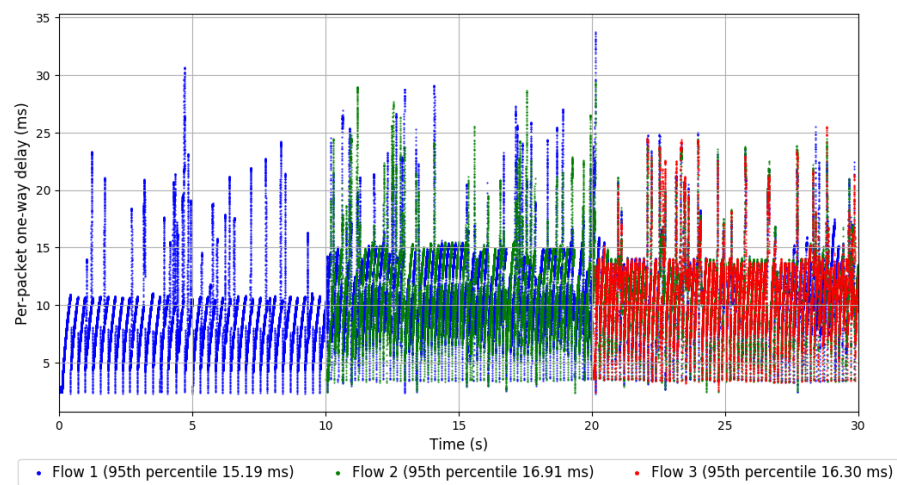
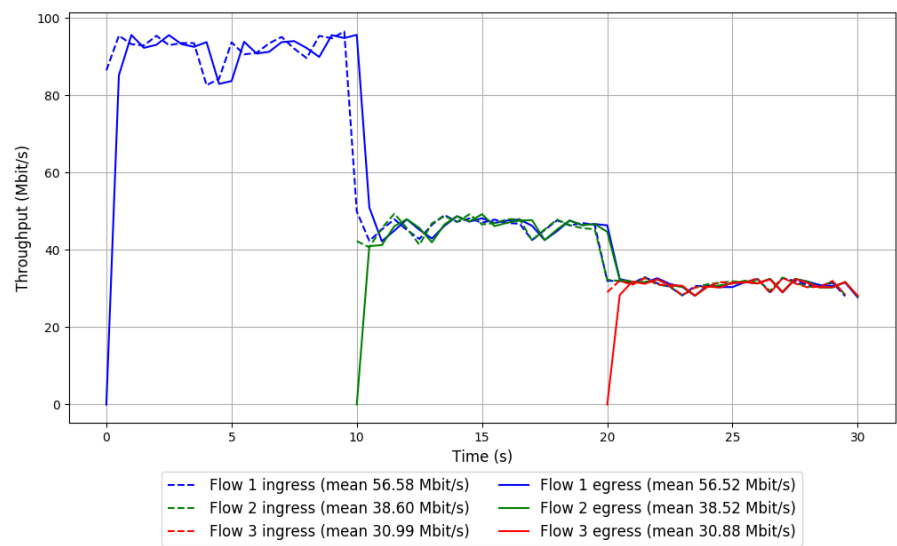


Run 7: Statistics of LEDBAT

Start at: 2018-08-02 02:25:47
End at: 2018-08-02 02:26:17
Local clock offset: -2.563 ms
Remote clock offset: -2.296 ms

Below is generated by plot.py at 2018-08-02 03:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 15.780 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 15.186 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 16.911 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 16.298 ms
Loss rate: 0.40%

Run 7: Report of LEDBAT — Data Link

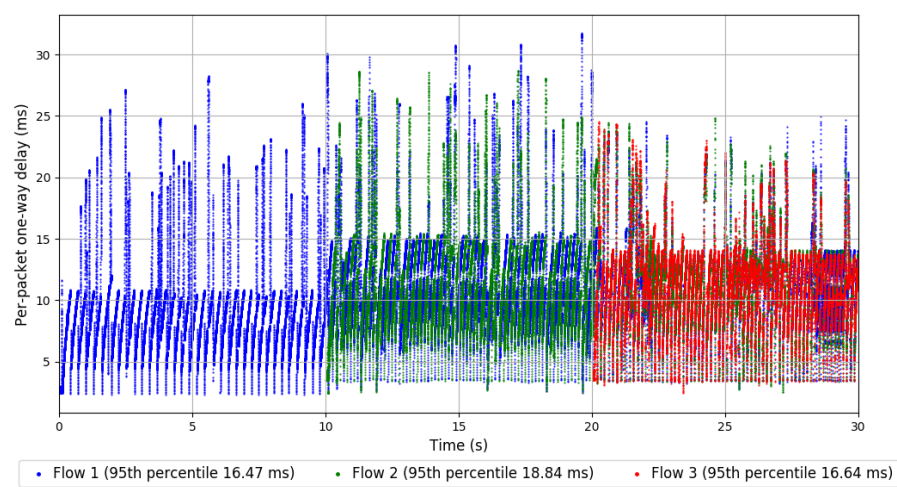
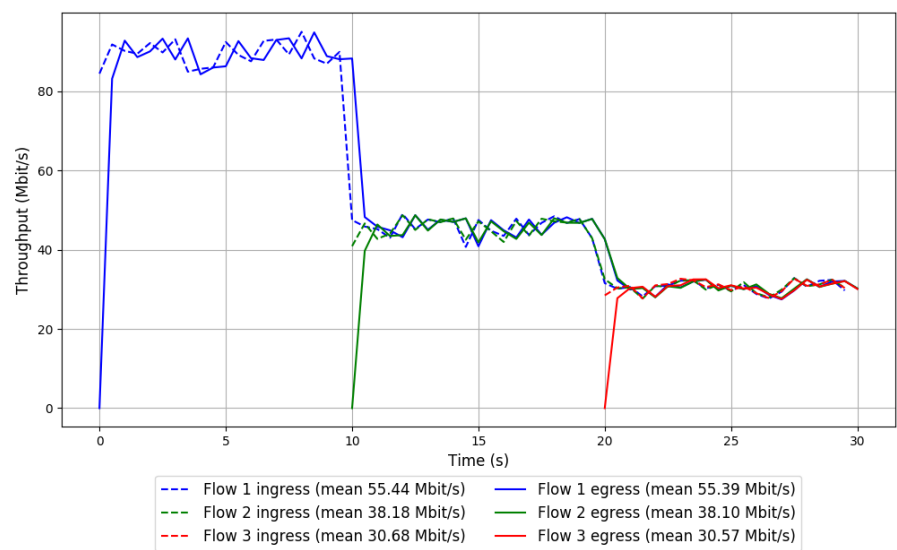


Run 8: Statistics of LEDBAT

Start at: 2018-08-02 02:44:55
End at: 2018-08-02 02:45:25
Local clock offset: -2.031 ms
Remote clock offset: -2.244 ms

Below is generated by plot.py at 2018-08-02 03:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.91 Mbit/s
95th percentile per-packet one-way delay: 17.287 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 55.39 Mbit/s
95th percentile per-packet one-way delay: 16.467 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 38.10 Mbit/s
95th percentile per-packet one-way delay: 18.844 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 16.635 ms
Loss rate: 0.41%

Run 8: Report of LEDBAT — Data Link

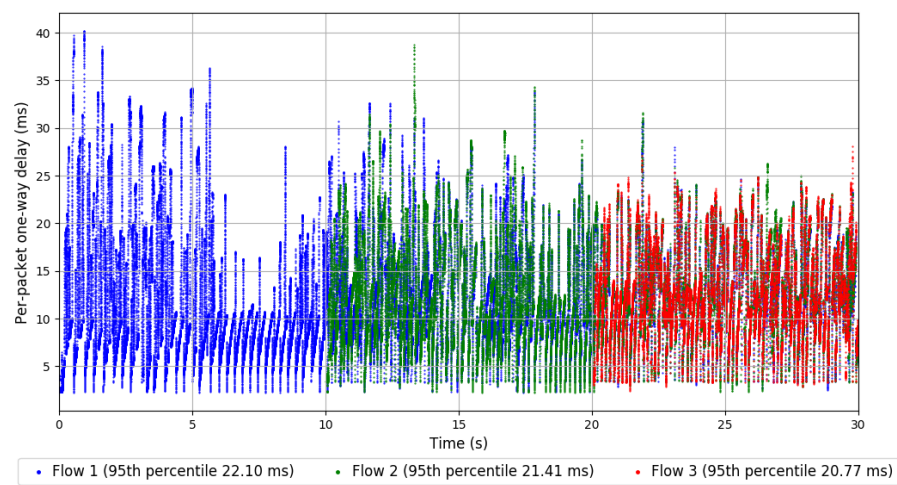
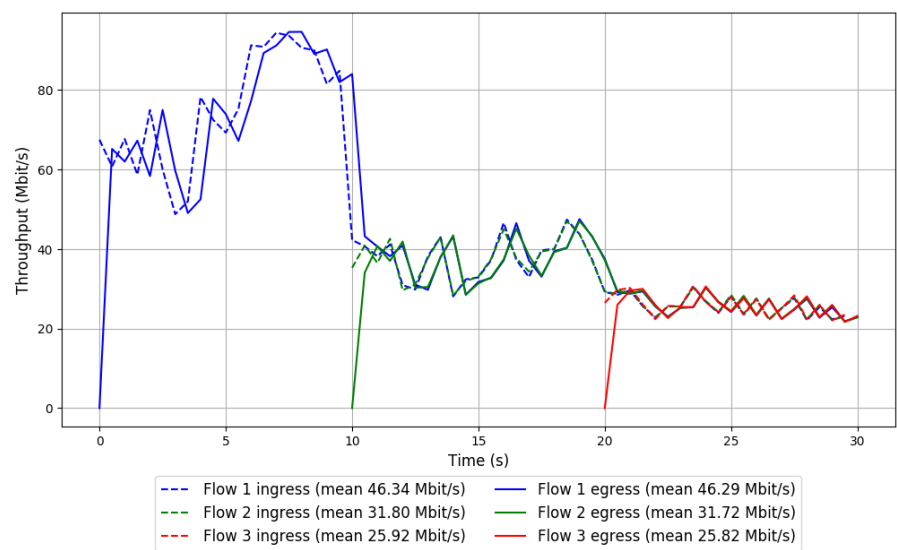


Run 9: Statistics of LEDBAT

Start at: 2018-08-02 03:04:01
End at: 2018-08-02 03:04:31
Local clock offset: -2.251 ms
Remote clock offset: -2.025 ms

Below is generated by plot.py at 2018-08-02 03:40:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.99 Mbit/s
95th percentile per-packet one-way delay: 21.589 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 22.104 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 31.72 Mbit/s
95th percentile per-packet one-way delay: 21.413 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 25.82 Mbit/s
95th percentile per-packet one-way delay: 20.766 ms
Loss rate: 0.44%

Run 9: Report of LEDBAT — Data Link

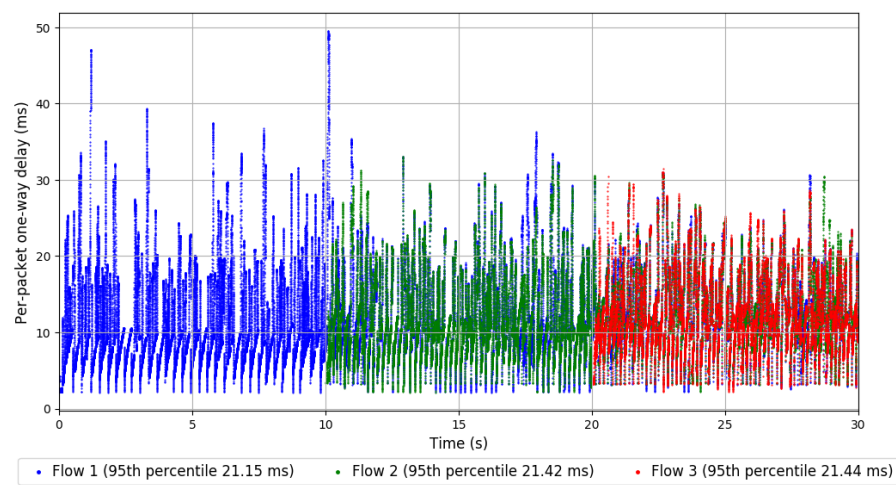
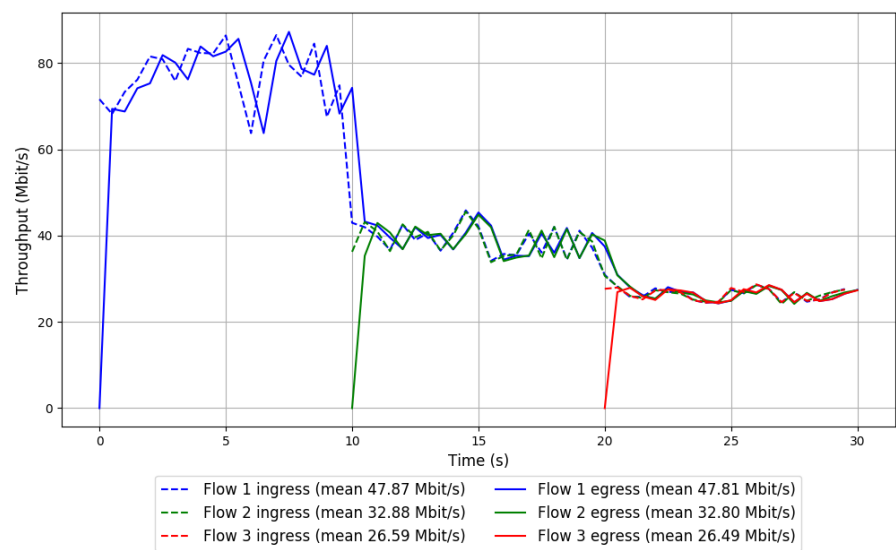


Run 10: Statistics of LEDBAT

Start at: 2018-08-02 03:22:59
End at: 2018-08-02 03:23:29
Local clock offset: -2.345 ms
Remote clock offset: -6.908 ms

Below is generated by plot.py at 2018-08-02 03:40:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.45 Mbit/s
95th percentile per-packet one-way delay: 21.289 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 21.152 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 21.418 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 26.49 Mbit/s
95th percentile per-packet one-way delay: 21.436 ms
Loss rate: 0.43%

Run 10: Report of LEDBAT — Data Link

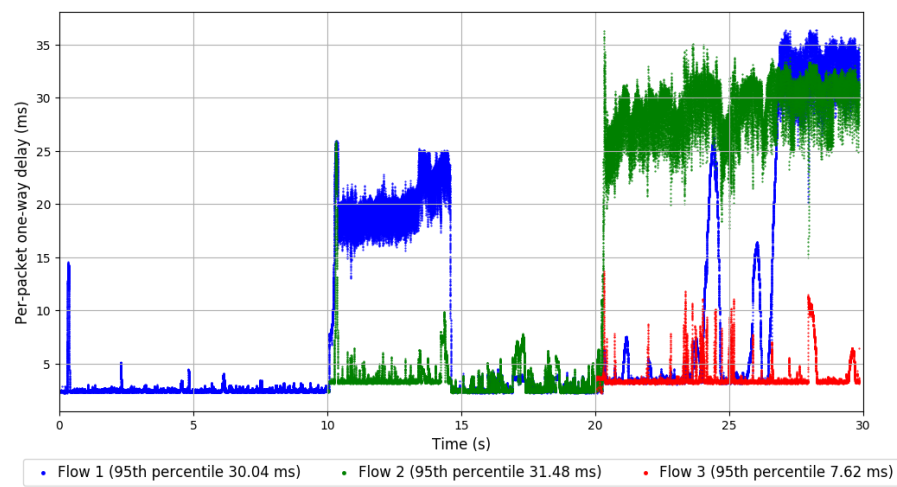
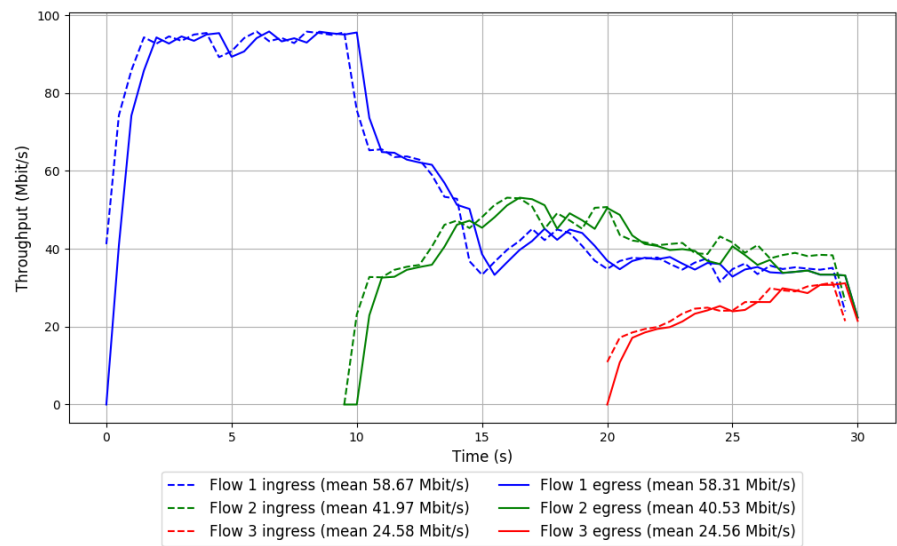


Run 1: Statistics of PCC-Allegro

Start at: 2018-08-02 00:22:02
End at: 2018-08-02 00:22:32
Local clock offset: -4.1 ms
Remote clock offset: -2.459 ms

Below is generated by plot.py at 2018-08-02 03:40:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 31.038 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 58.31 Mbit/s
95th percentile per-packet one-way delay: 30.035 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 31.484 ms
Loss rate: 3.47%
-- Flow 3:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 7.622 ms
Loss rate: 0.07%

Run 1: Report of PCC-Allegro — Data Link

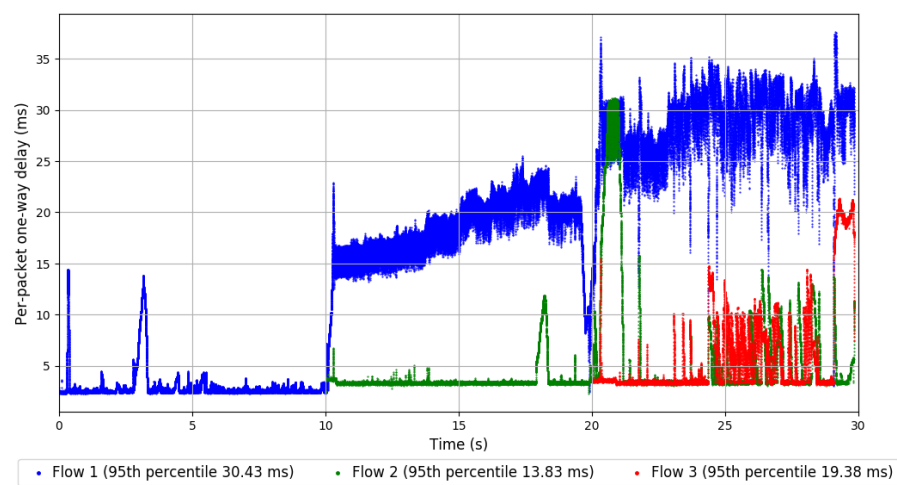
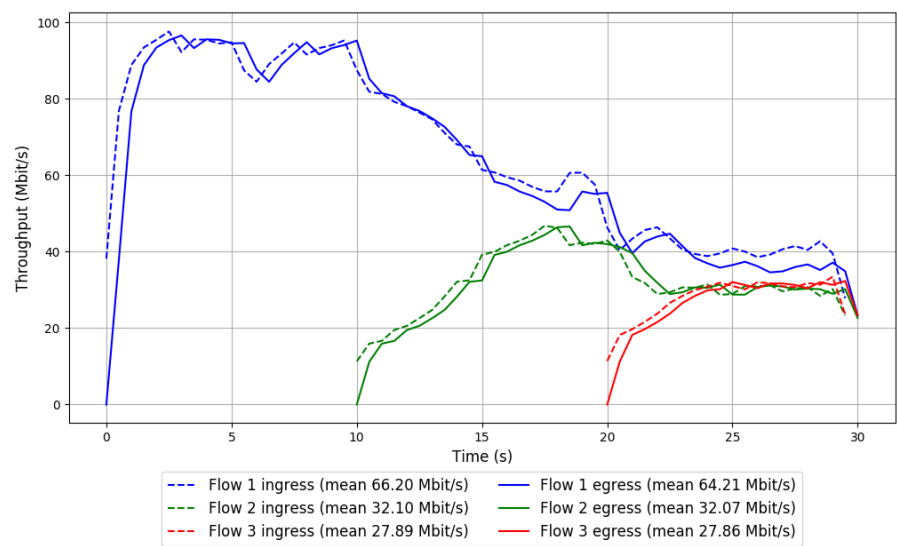


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-02 00:41:12
End at: 2018-08-02 00:41:42
Local clock offset: -3.789 ms
Remote clock offset: -2.017 ms

Below is generated by plot.py at 2018-08-02 03:41:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.70 Mbit/s
95th percentile per-packet one-way delay: 29.571 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 64.21 Mbit/s
95th percentile per-packet one-way delay: 30.430 ms
Loss rate: 3.07%
-- Flow 2:
Average throughput: 32.07 Mbit/s
95th percentile per-packet one-way delay: 13.833 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 19.375 ms
Loss rate: 0.31%

Run 2: Report of PCC-Allegro — Data Link

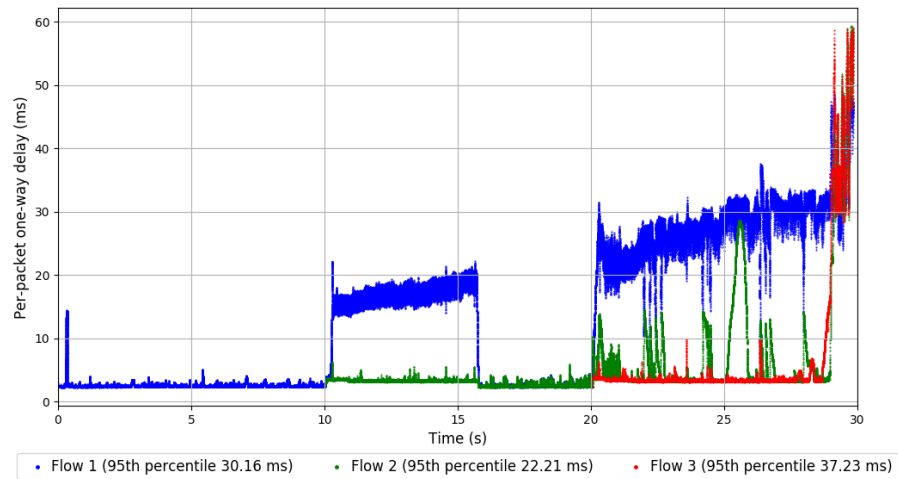
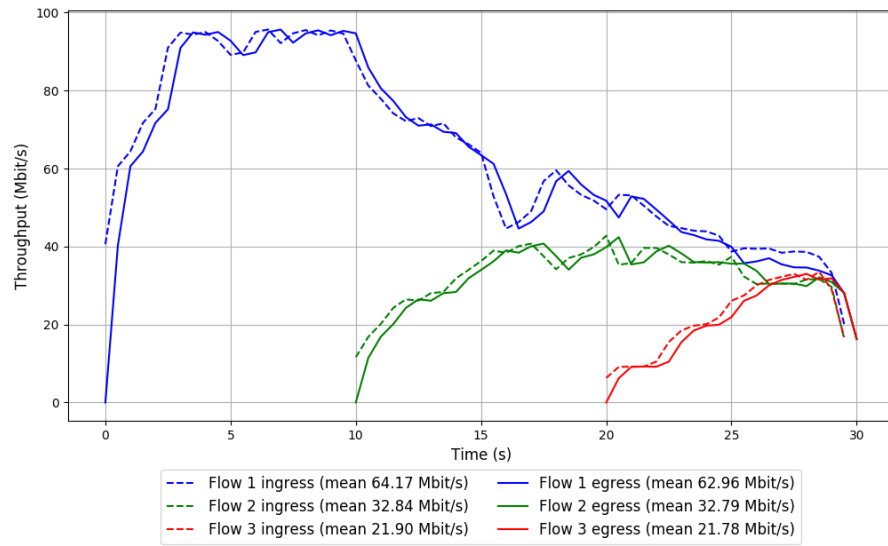


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-02 01:00:23
End at: 2018-08-02 01:00:53
Local clock offset: -3.108 ms
Remote clock offset: -2.699 ms

Below is generated by plot.py at 2018-08-02 03:41:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.92 Mbit/s
95th percentile per-packet one-way delay: 30.042 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 62.96 Mbit/s
95th percentile per-packet one-way delay: 30.160 ms
Loss rate: 1.94%
-- Flow 2:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 22.212 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 21.78 Mbit/s
95th percentile per-packet one-way delay: 37.233 ms
Loss rate: 0.76%

Run 3: Report of PCC-Allegro — Data Link

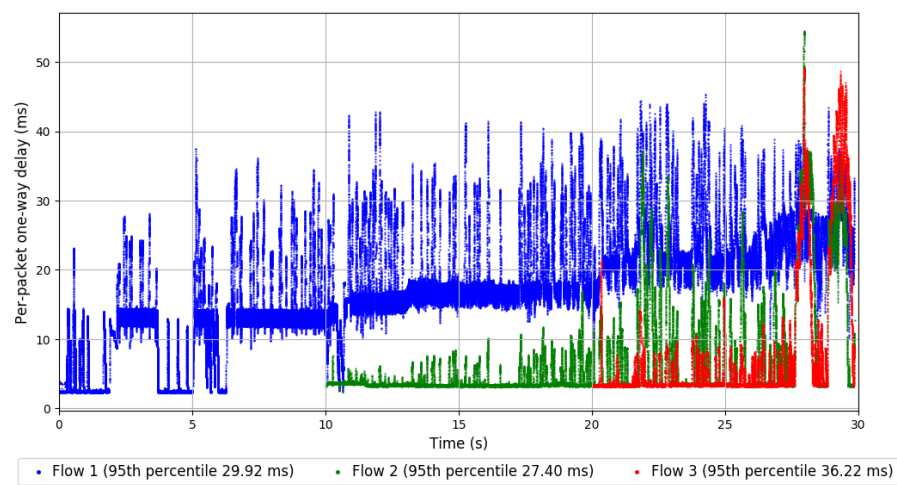
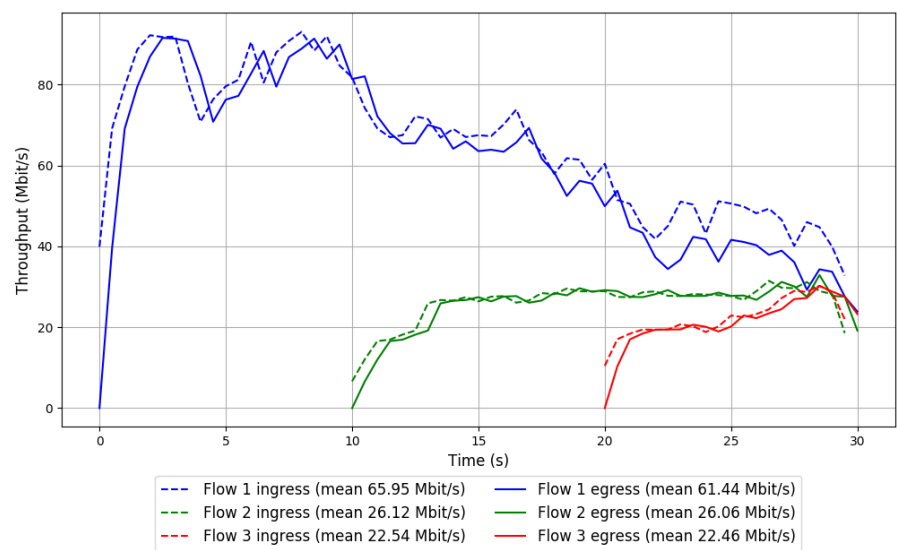


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-02 01:19:29
End at: 2018-08-02 01:19:59
Local clock offset: -2.46 ms
Remote clock offset: -2.935 ms

Below is generated by plot.py at 2018-08-02 03:41:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.15 Mbit/s
95th percentile per-packet one-way delay: 30.259 ms
Loss rate: 5.08%
-- Flow 1:
Average throughput: 61.44 Mbit/s
95th percentile per-packet one-way delay: 29.922 ms
Loss rate: 6.88%
-- Flow 2:
Average throughput: 26.06 Mbit/s
95th percentile per-packet one-way delay: 27.402 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 22.46 Mbit/s
95th percentile per-packet one-way delay: 36.223 ms
Loss rate: 0.42%

Run 4: Report of PCC-Allegro — Data Link

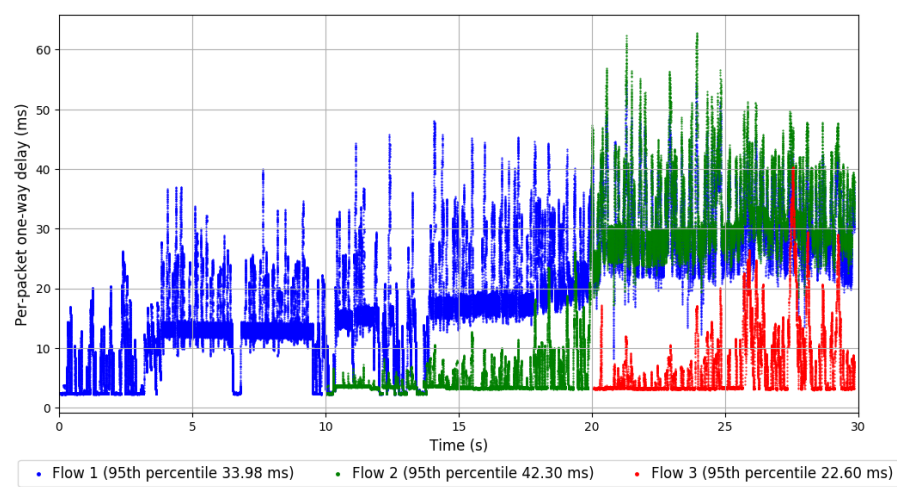
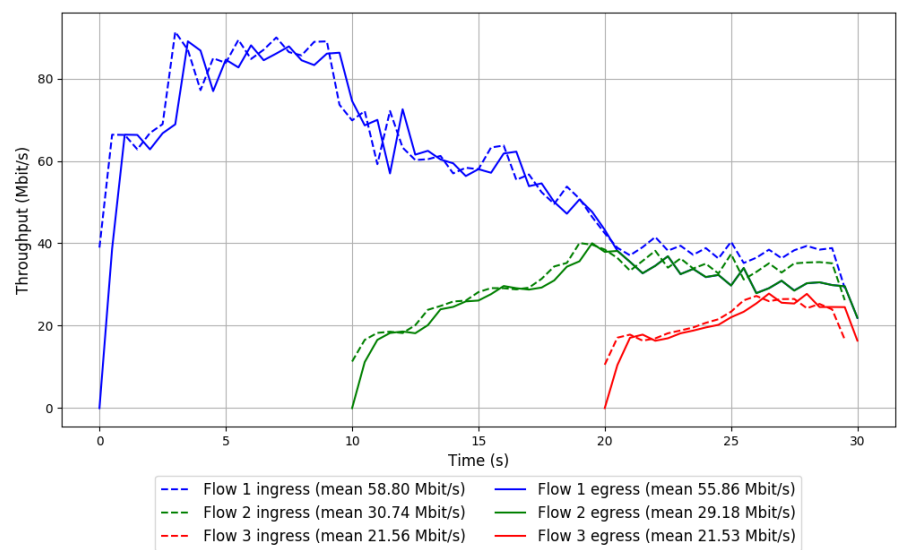


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-02 01:38:33
End at: 2018-08-02 01:39:03
Local clock offset: -2.238 ms
Remote clock offset: -6.302 ms

Below is generated by plot.py at 2018-08-02 03:41:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 36.784 ms
Loss rate: 4.66%
-- Flow 1:
Average throughput: 55.86 Mbit/s
95th percentile per-packet one-way delay: 33.981 ms
Loss rate: 5.03%
-- Flow 2:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: 42.296 ms
Loss rate: 5.13%
-- Flow 3:
Average throughput: 21.53 Mbit/s
95th percentile per-packet one-way delay: 22.602 ms
Loss rate: 0.17%

Run 5: Report of PCC-Allegro — Data Link

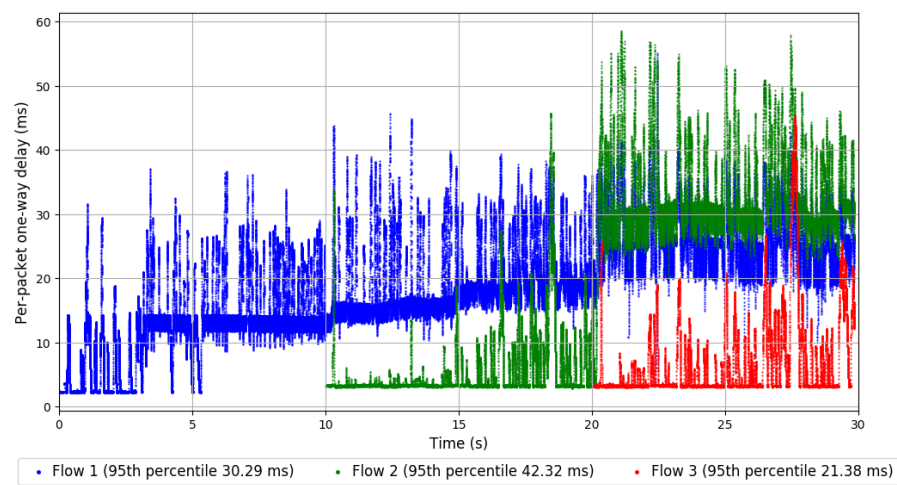
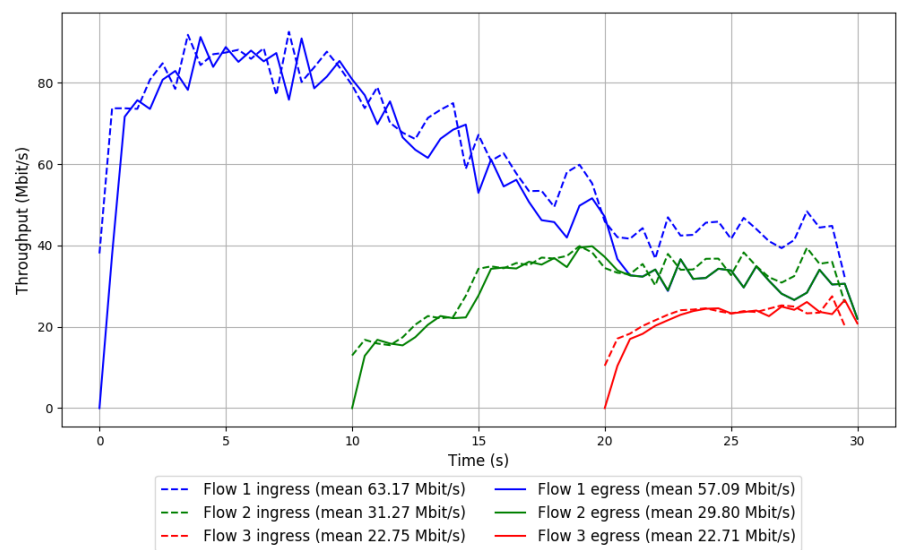


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-02 01:57:38
End at: 2018-08-02 01:58:08
Local clock offset: -2.426 ms
Remote clock offset: -7.914 ms

Below is generated by plot.py at 2018-08-02 03:41:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.37 Mbit/s
95th percentile per-packet one-way delay: 34.206 ms
Loss rate: 7.76%
-- Flow 1:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 30.285 ms
Loss rate: 9.63%
-- Flow 2:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 42.319 ms
Loss rate: 4.76%
-- Flow 3:
Average throughput: 22.71 Mbit/s
95th percentile per-packet one-way delay: 21.376 ms
Loss rate: 0.23%

Run 6: Report of PCC-Allegro — Data Link

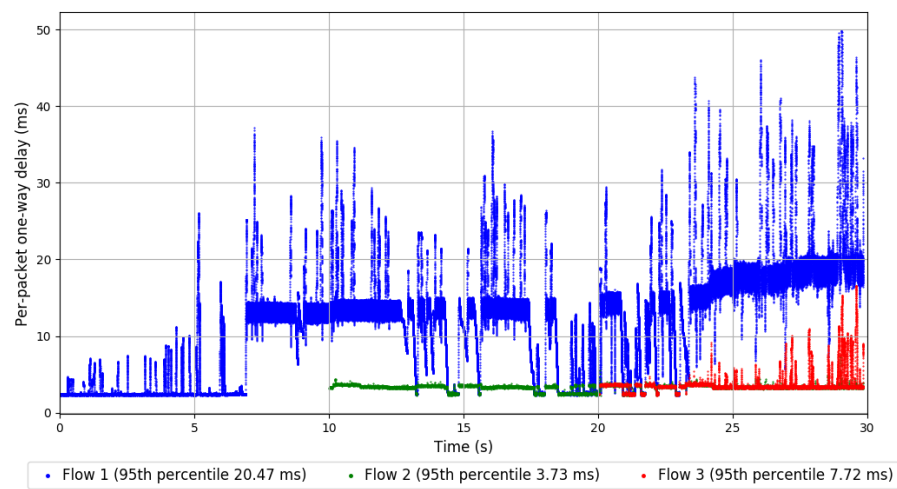
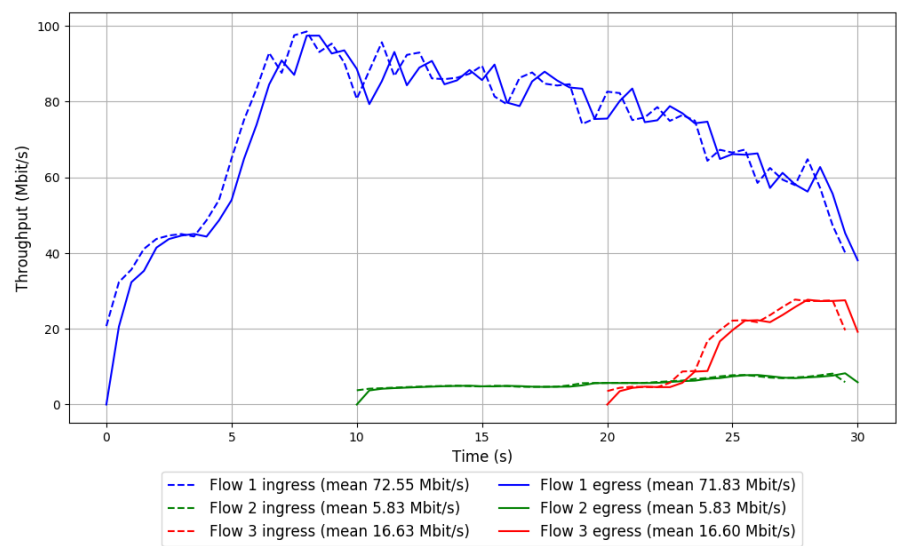


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-02 02:16:48
End at: 2018-08-02 02:17:18
Local clock offset: -2.826 ms
Remote clock offset: -2.906 ms

Below is generated by plot.py at 2018-08-02 03:41:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.17 Mbit/s
95th percentile per-packet one-way delay: 20.039 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 71.83 Mbit/s
95th percentile per-packet one-way delay: 20.470 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 5.83 Mbit/s
95th percentile per-packet one-way delay: 3.733 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 16.60 Mbit/s
95th percentile per-packet one-way delay: 7.718 ms
Loss rate: 0.18%

Run 7: Report of PCC-Allegro — Data Link

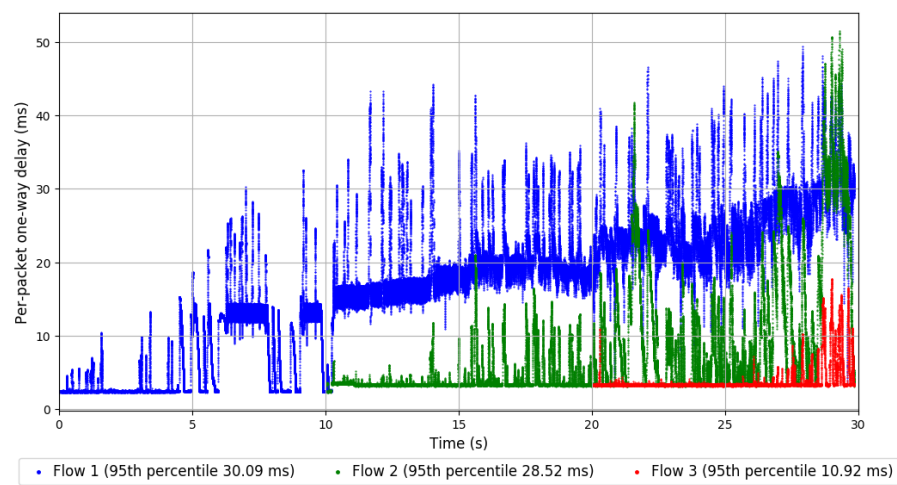
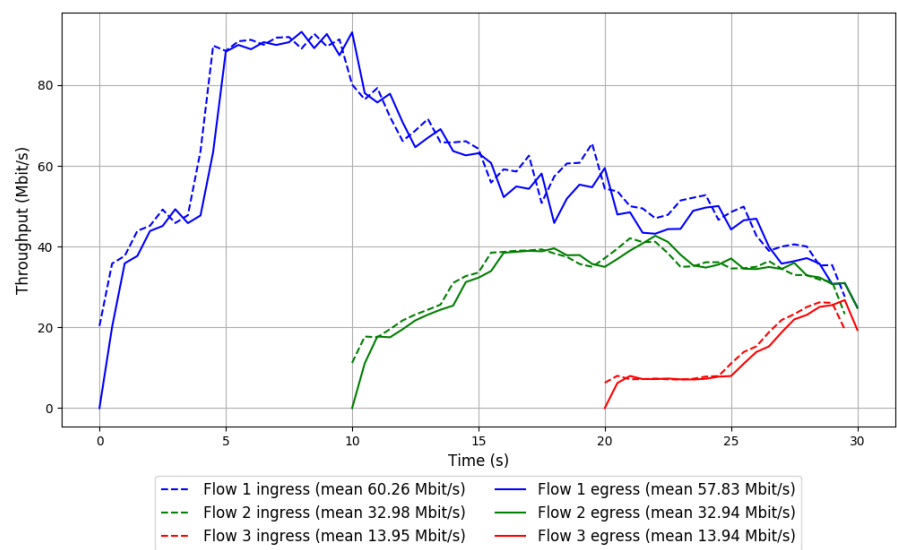


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-02 02:35:56
End at: 2018-08-02 02:36:26
Local clock offset: -2.173 ms
Remote clock offset: -2.151 ms

Below is generated by plot.py at 2018-08-02 03:41:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.30 Mbit/s
95th percentile per-packet one-way delay: 29.649 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 57.83 Mbit/s
95th percentile per-packet one-way delay: 30.091 ms
Loss rate: 4.05%
-- Flow 2:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 28.525 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 13.94 Mbit/s
95th percentile per-packet one-way delay: 10.924 ms
Loss rate: 0.11%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-08-02 02:55:03

End at: 2018-08-02 02:55:33

Local clock offset: -2.055 ms

Remote clock offset: -2.15 ms

Below is generated by plot.py at 2018-08-02 03:42:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.43 Mbit/s

95th percentile per-packet one-way delay: 29.976 ms

Loss rate: 2.89%

-- Flow 1:

Average throughput: 62.78 Mbit/s

95th percentile per-packet one-way delay: 29.860 ms

Loss rate: 3.94%

-- Flow 2:

Average throughput: 30.74 Mbit/s

95th percentile per-packet one-way delay: 31.376 ms

Loss rate: 0.53%

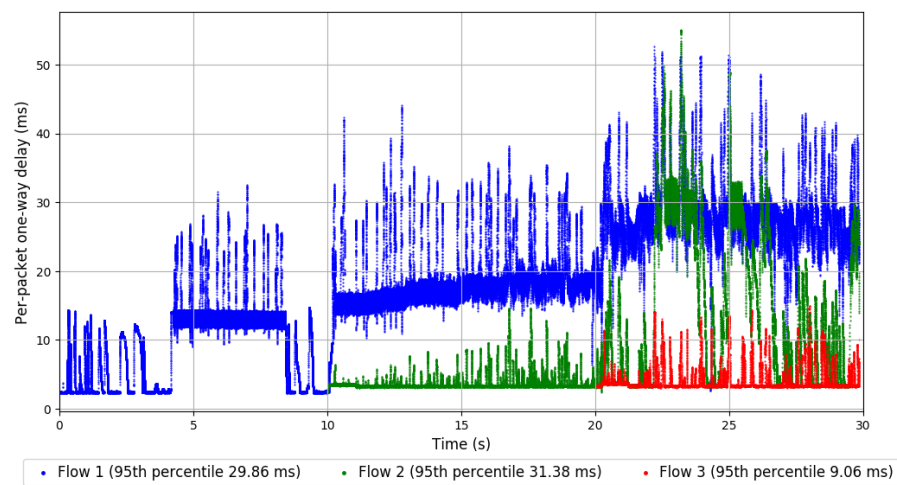
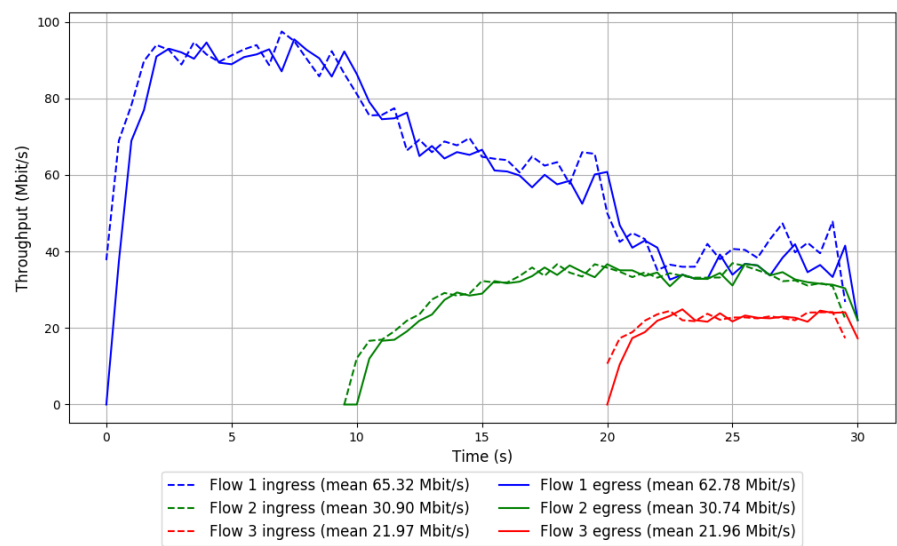
-- Flow 3:

Average throughput: 21.96 Mbit/s

95th percentile per-packet one-way delay: 9.058 ms

Loss rate: 0.06%

Run 9: Report of PCC-Allegro — Data Link

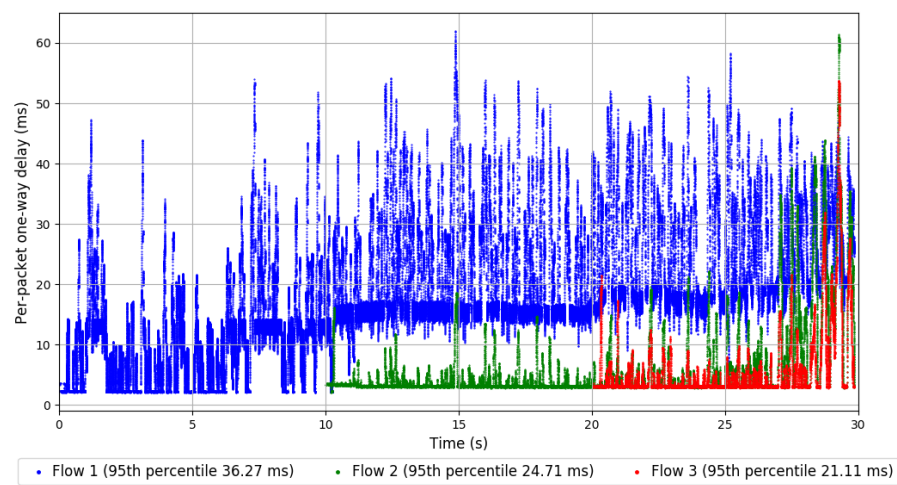
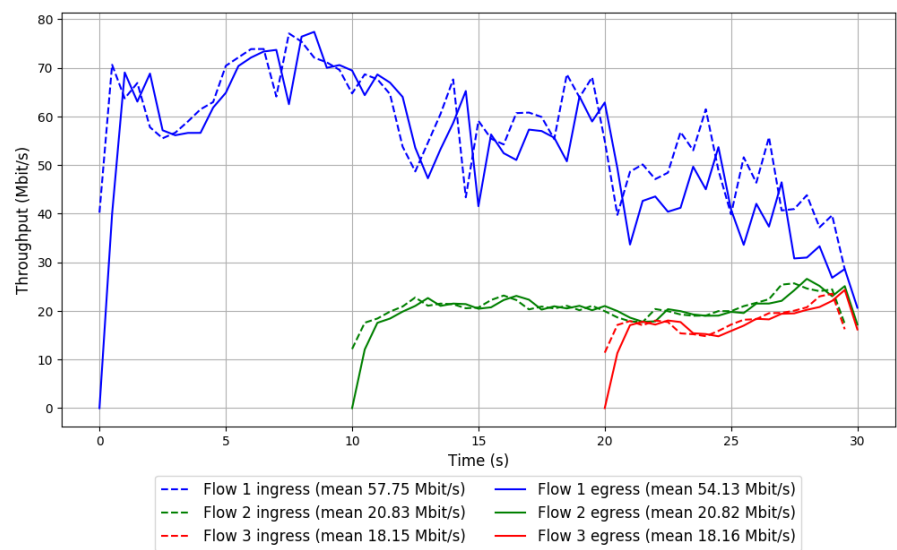


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-02 03:14:05
End at: 2018-08-02 03:14:35
Local clock offset: -2.367 ms
Remote clock offset: -5.039 ms

Below is generated by plot.py at 2018-08-02 03:42:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.94 Mbit/s
95th percentile per-packet one-way delay: 34.362 ms
Loss rate: 4.73%
-- Flow 1:
Average throughput: 54.13 Mbit/s
95th percentile per-packet one-way delay: 36.272 ms
Loss rate: 6.32%
-- Flow 2:
Average throughput: 20.82 Mbit/s
95th percentile per-packet one-way delay: 24.711 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 18.16 Mbit/s
95th percentile per-packet one-way delay: 21.114 ms
Loss rate: 0.09%

Run 10: Report of PCC-Allegro — Data Link

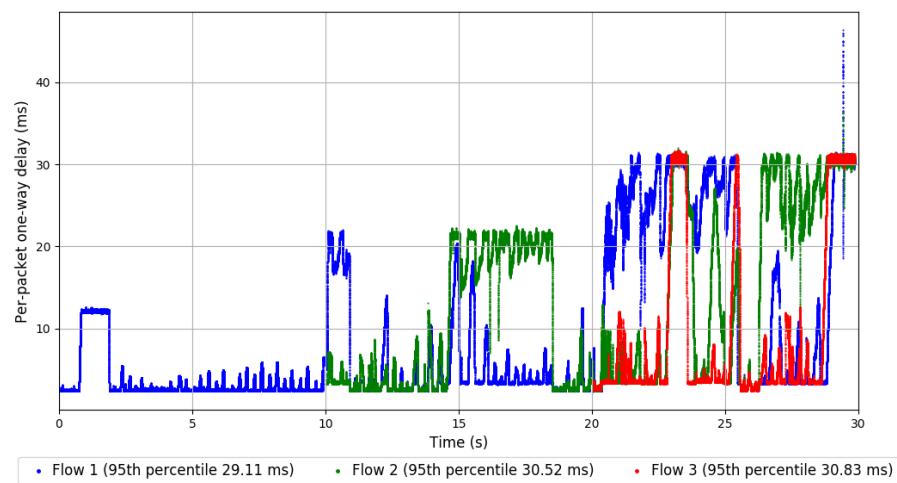
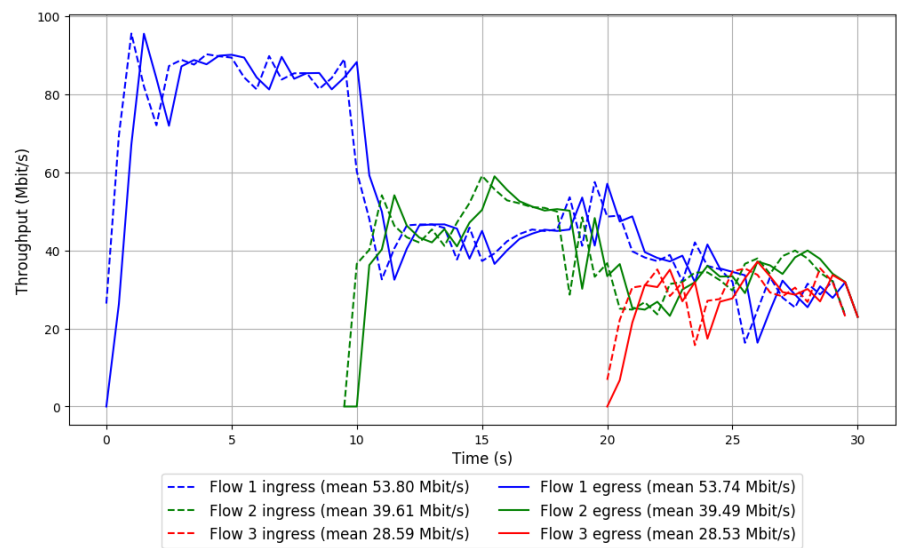


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-02 00:27:35
End at: 2018-08-02 00:28:05
Local clock offset: -3.884 ms
Remote clock offset: -2.347 ms

# Below is generated by plot.py at 2018-08-02 03:43:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.43 Mbit/s
95th percentile per-packet one-way delay: 30.435 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: 29.111 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 30.516 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 28.53 Mbit/s
95th percentile per-packet one-way delay: 30.830 ms
Loss rate: 0.40%
```

Run 1: Report of PCC-Expr — Data Link

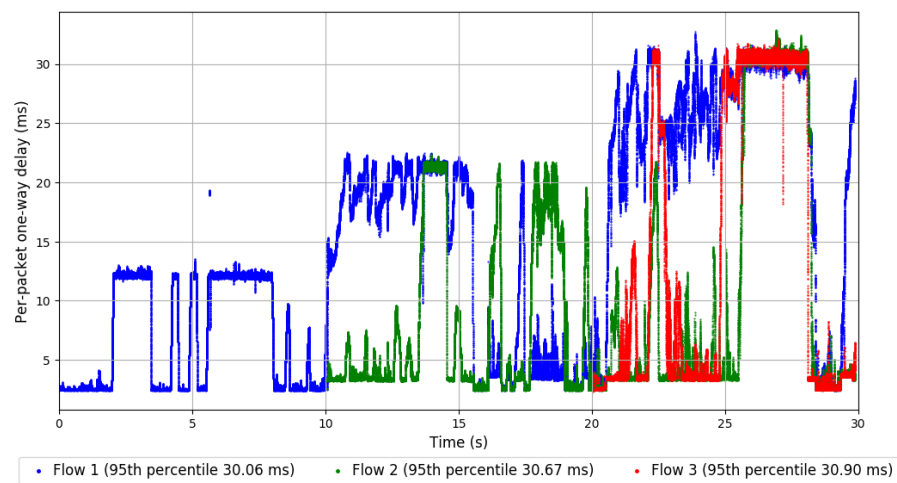
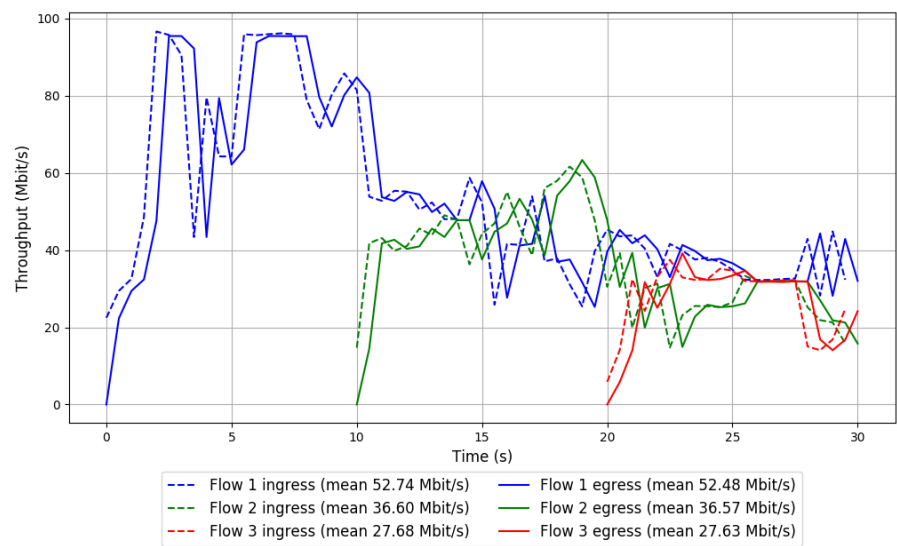


```
Run 2: Statistics of PCC-Expr

Start at: 2018-08-02 00:46:45
End at: 2018-08-02 00:47:15
Local clock offset: -3.799 ms
Remote clock offset: -1.92 ms

# Below is generated by plot.py at 2018-08-02 03:43:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.90 Mbit/s
95th percentile per-packet one-way delay: 30.567 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 52.48 Mbit/s
95th percentile per-packet one-way delay: 30.061 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 36.57 Mbit/s
95th percentile per-packet one-way delay: 30.671 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 27.63 Mbit/s
95th percentile per-packet one-way delay: 30.898 ms
Loss rate: 0.34%
```

Run 2: Report of PCC-Expr — Data Link

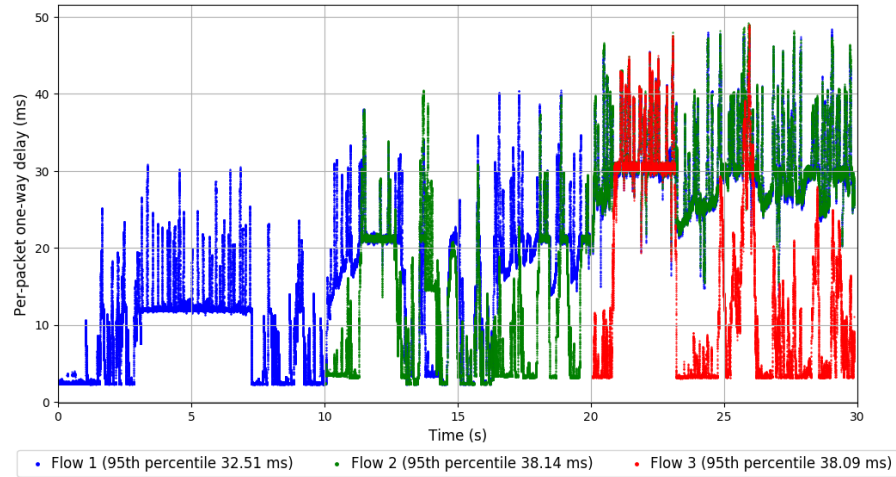
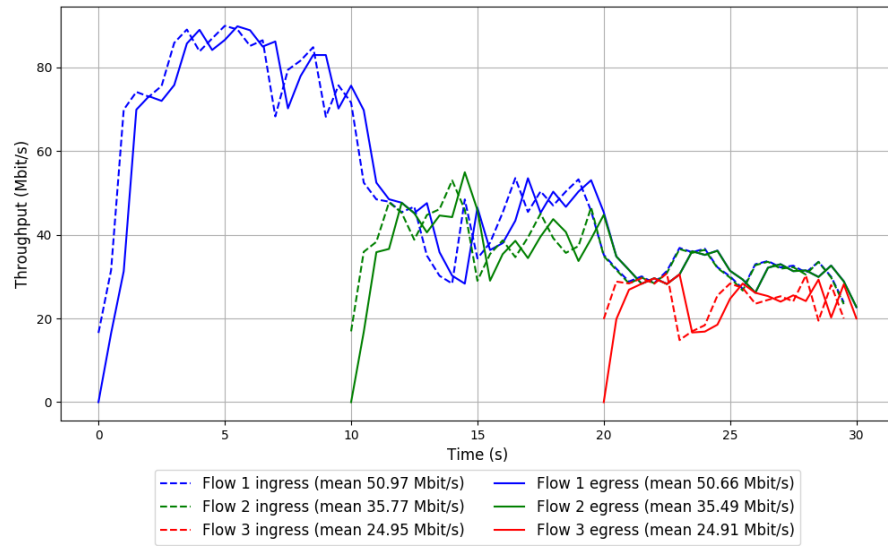


Run 3: Statistics of PCC-Expr

Start at: 2018-08-02 01:05:55
End at: 2018-08-02 01:06:25
Local clock offset: -2.782 ms
Remote clock offset: -2.753 ms

Below is generated by plot.py at 2018-08-02 03:43:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.47 Mbit/s
95th percentile per-packet one-way delay: 35.866 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 50.66 Mbit/s
95th percentile per-packet one-way delay: 32.508 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 35.49 Mbit/s
95th percentile per-packet one-way delay: 38.136 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 38.091 ms
Loss rate: 0.18%

Run 3: Report of PCC-Expr — Data Link

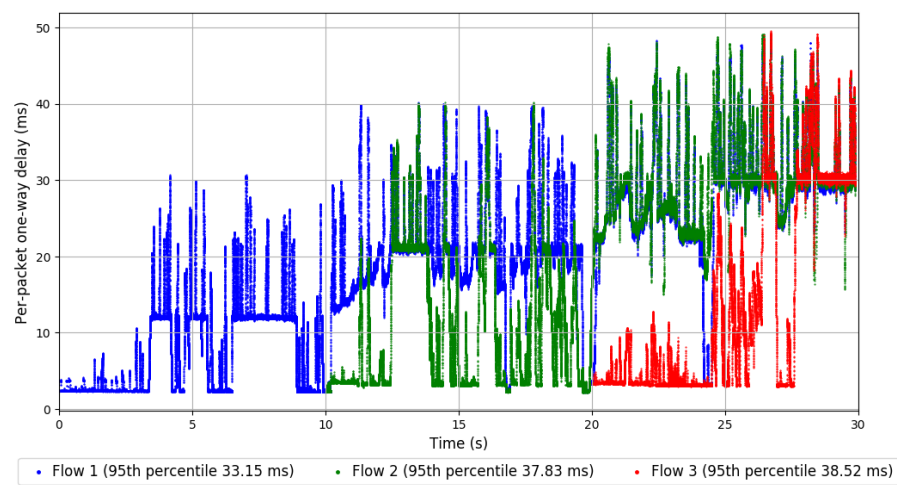
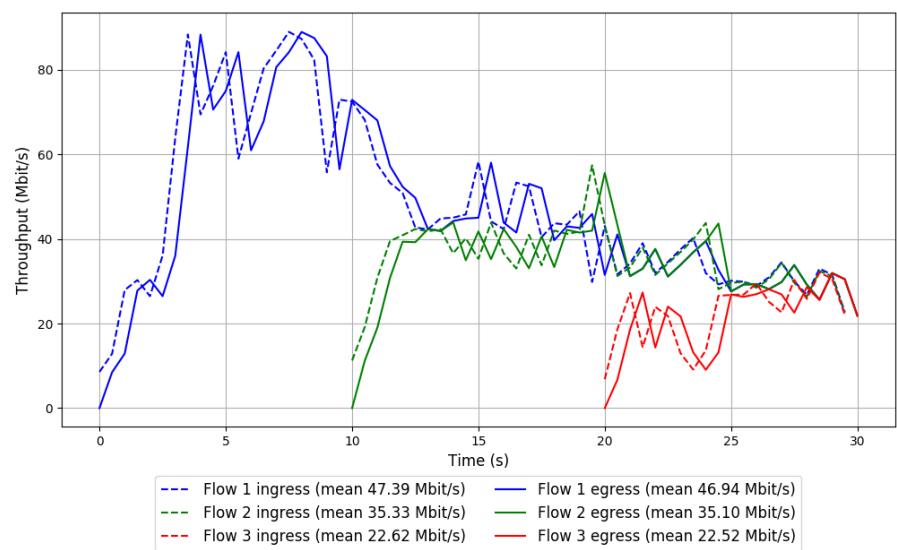


Run 4: Statistics of PCC-Expr

Start at: 2018-08-02 01:25:01
End at: 2018-08-02 01:25:31
Local clock offset: -2.453 ms
Remote clock offset: -3.119 ms

Below is generated by plot.py at 2018-08-02 03:43:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.72 Mbit/s
95th percentile per-packet one-way delay: 35.630 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 46.94 Mbit/s
95th percentile per-packet one-way delay: 33.151 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 35.10 Mbit/s
95th percentile per-packet one-way delay: 37.834 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 22.52 Mbit/s
95th percentile per-packet one-way delay: 38.522 ms
Loss rate: 0.63%

Run 4: Report of PCC-Expr — Data Link

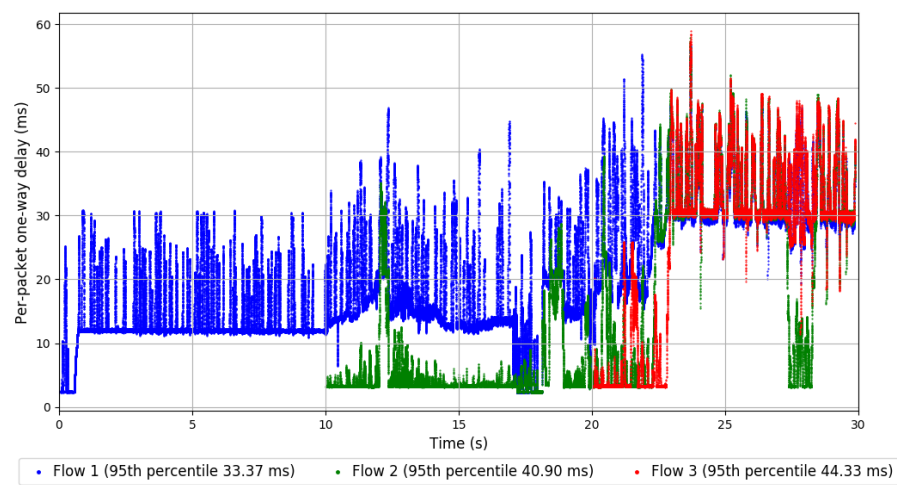
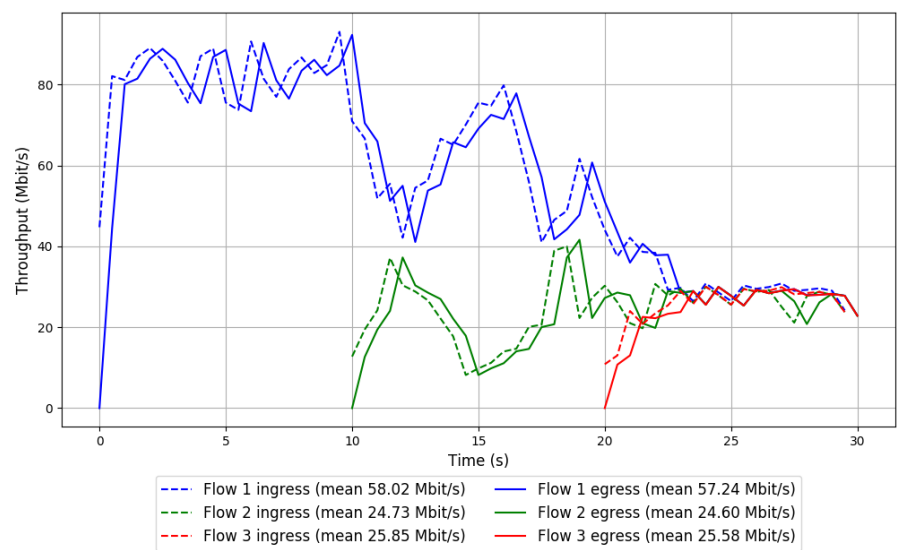


Run 5: Statistics of PCC-Expr

Start at: 2018-08-02 01:44:05
End at: 2018-08-02 01:44:35
Local clock offset: -2.197 ms
Remote clock offset: -6.856 ms

Below is generated by plot.py at 2018-08-02 03:43:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.02 Mbit/s
95th percentile per-packet one-way delay: 38.387 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 57.24 Mbit/s
95th percentile per-packet one-way delay: 33.372 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 40.900 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 44.330 ms
Loss rate: 1.19%

Run 5: Report of PCC-Expr — Data Link

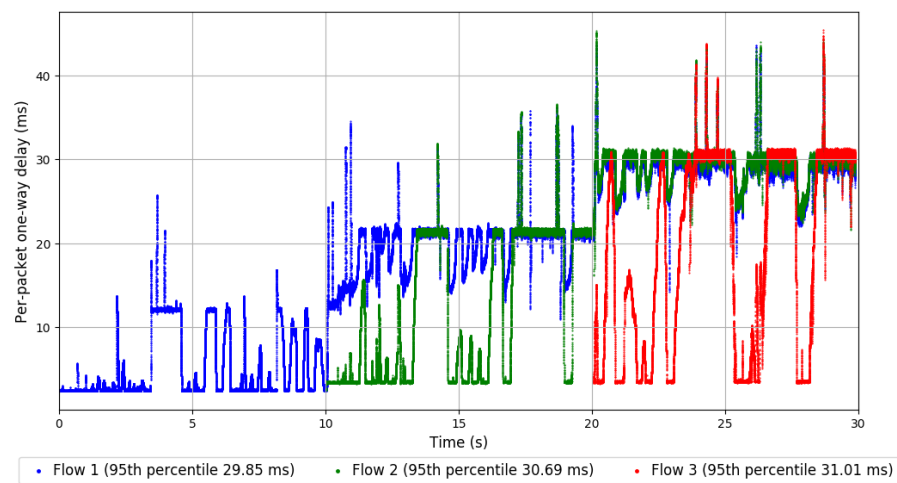
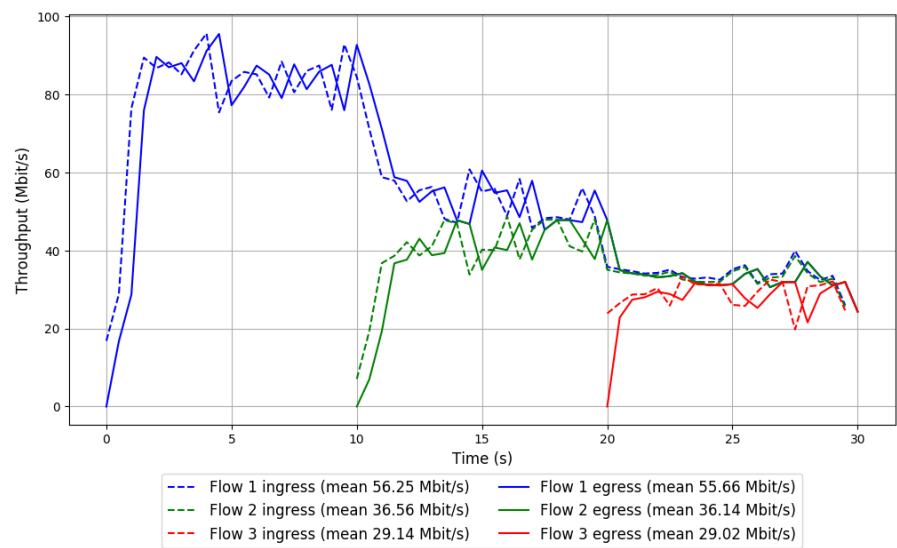


Run 6: Statistics of PCC-Expr

Start at: 2018-08-02 02:03:11
End at: 2018-08-02 02:03:41
Local clock offset: -2.606 ms
Remote clock offset: -5.717 ms

Below is generated by plot.py at 2018-08-02 03:43:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 30.606 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 55.66 Mbit/s
95th percentile per-packet one-way delay: 29.847 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 36.14 Mbit/s
95th percentile per-packet one-way delay: 30.691 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 31.010 ms
Loss rate: 0.61%

Run 6: Report of PCC-Expr — Data Link

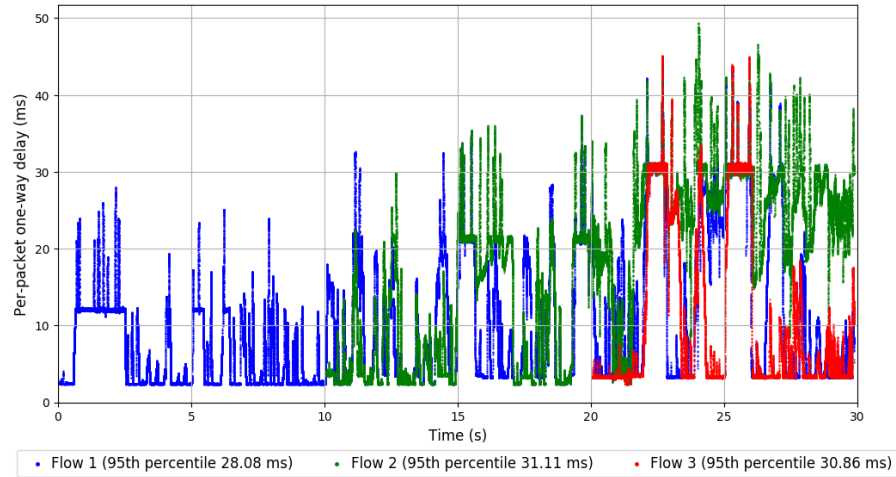
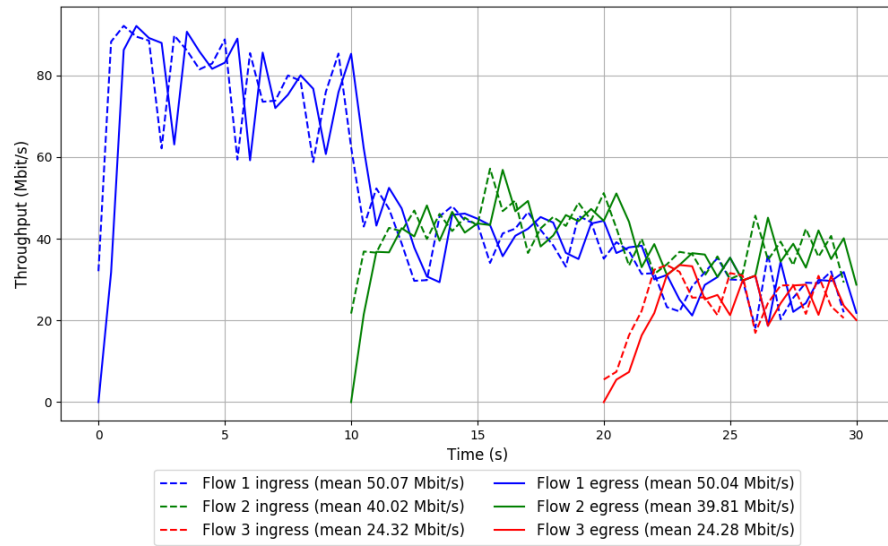


Run 7: Statistics of PCC-Expr

Start at: 2018-08-02 02:22:21
End at: 2018-08-02 02:22:51
Local clock offset: -2.782 ms
Remote clock offset: -2.465 ms

Below is generated by plot.py at 2018-08-02 03:43:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.52 Mbit/s
95th percentile per-packet one-way delay: 30.543 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 50.04 Mbit/s
95th percentile per-packet one-way delay: 28.077 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 31.111 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 30.864 ms
Loss rate: 0.21%

Run 7: Report of PCC-Expr — Data Link

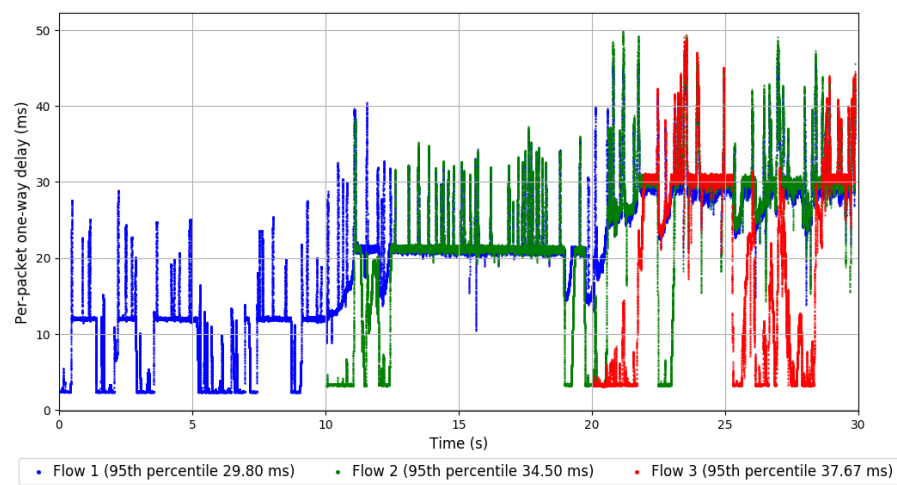
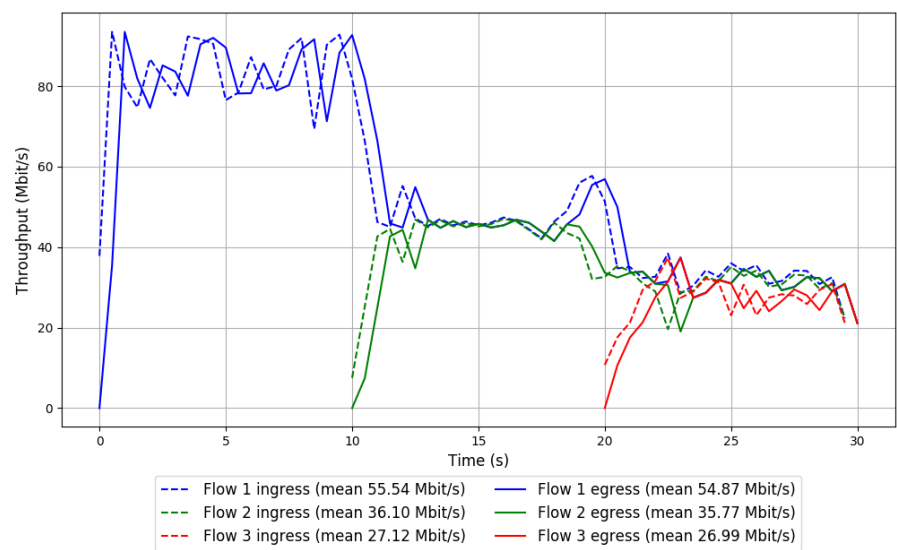


Run 8: Statistics of PCC-Expr

Start at: 2018-08-02 02:41:29
End at: 2018-08-02 02:41:59
Local clock offset: -2.129 ms
Remote clock offset: -2.212 ms

Below is generated by plot.py at 2018-08-02 03:43:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 31.507 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 54.87 Mbit/s
95th percentile per-packet one-way delay: 29.802 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 35.77 Mbit/s
95th percentile per-packet one-way delay: 34.499 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 37.668 ms
Loss rate: 0.66%

Run 8: Report of PCC-Expr — Data Link

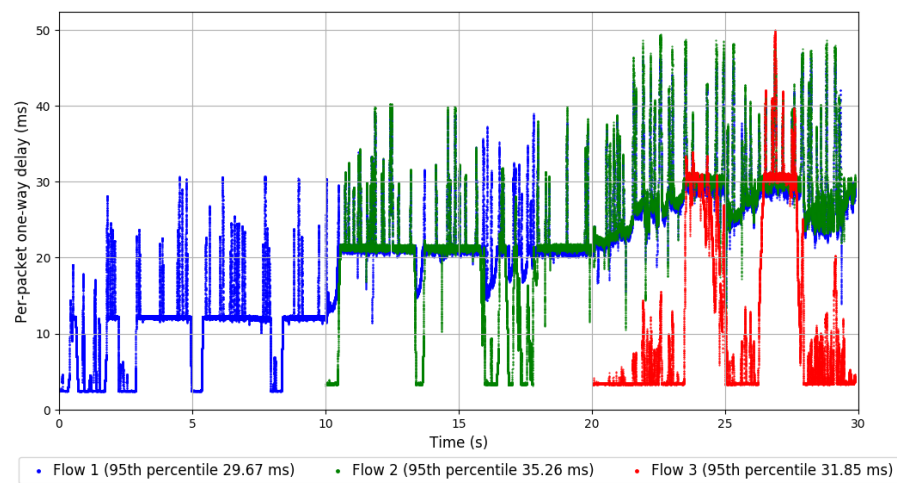
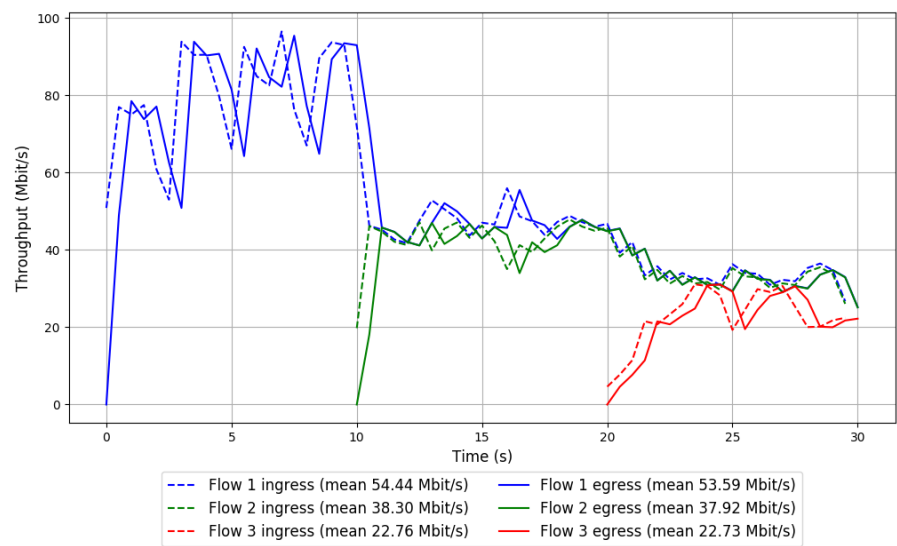


Run 9: Statistics of PCC-Expr

Start at: 2018-08-02 03:00:36
End at: 2018-08-02 03:01:06
Local clock offset: -2.188 ms
Remote clock offset: -2.166 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.30 Mbit/s
95th percentile per-packet one-way delay: 31.235 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 53.59 Mbit/s
95th percentile per-packet one-way delay: 29.668 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 37.92 Mbit/s
95th percentile per-packet one-way delay: 35.259 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 22.73 Mbit/s
95th percentile per-packet one-way delay: 31.852 ms
Loss rate: 0.16%

Run 9: Report of PCC-Expr — Data Link

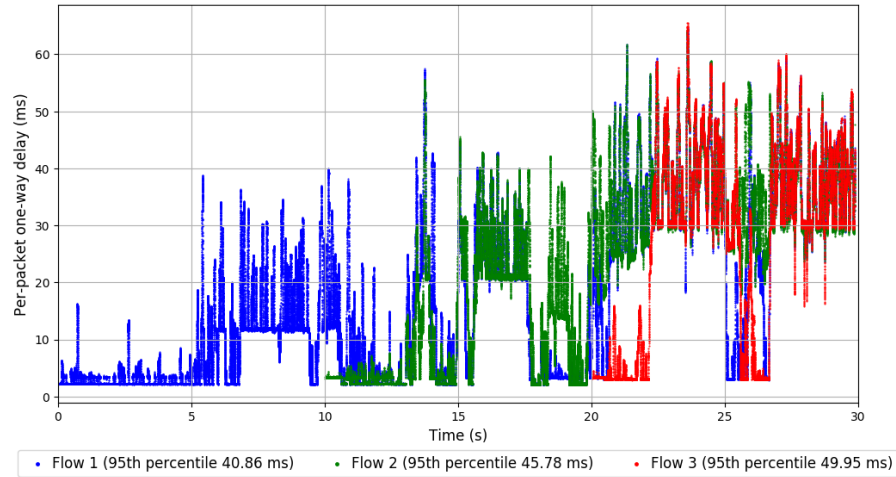
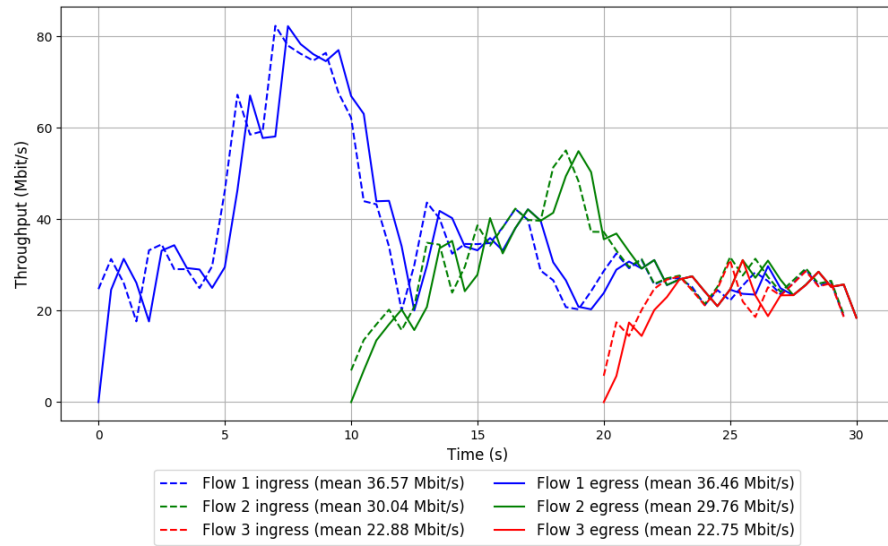


Run 10: Statistics of PCC-Expr

Start at: 2018-08-02 03:19:36
End at: 2018-08-02 03:20:06
Local clock offset: -2.397 ms
Remote clock offset: -6.334 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.75 Mbit/s
95th percentile per-packet one-way delay: 44.630 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 36.46 Mbit/s
95th percentile per-packet one-way delay: 40.858 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 29.76 Mbit/s
95th percentile per-packet one-way delay: 45.781 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 22.75 Mbit/s
95th percentile per-packet one-way delay: 49.952 ms
Loss rate: 0.81%

Run 10: Report of PCC-Expr — Data Link

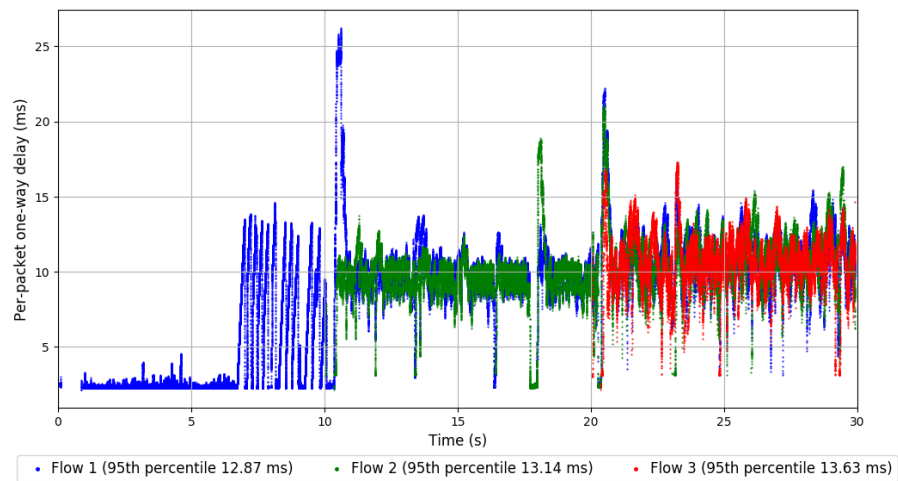
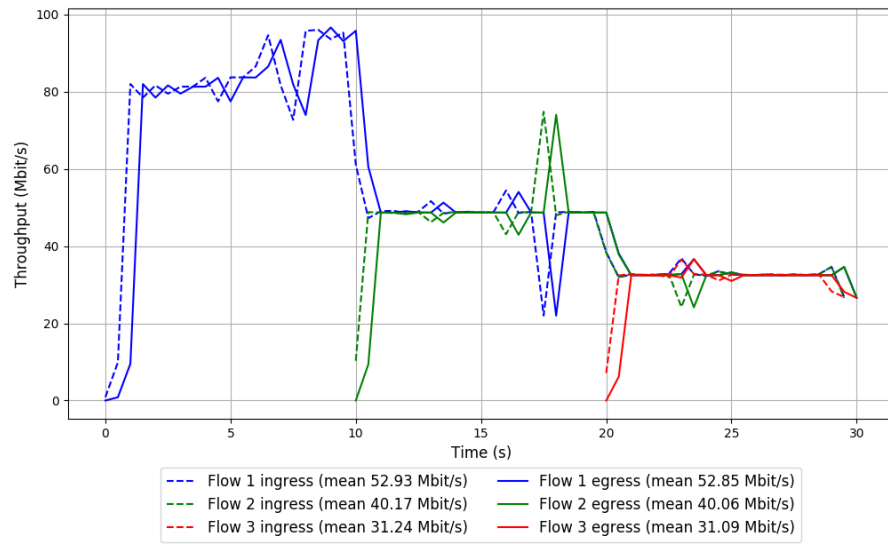


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-02 00:19:47
End at: 2018-08-02 00:20:17
Local clock offset: -4.13 ms
Remote clock offset: -2.415 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.78 Mbit/s
95th percentile per-packet one-way delay: 13.089 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 52.85 Mbit/s
95th percentile per-packet one-way delay: 12.872 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 40.06 Mbit/s
95th percentile per-packet one-way delay: 13.145 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 13.632 ms
Loss rate: 0.51%

Run 1: Report of QUIC Cubic — Data Link

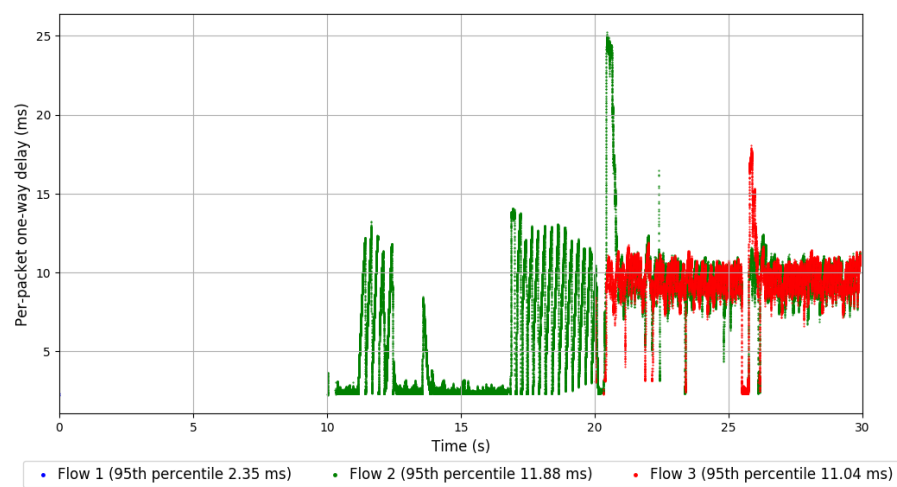
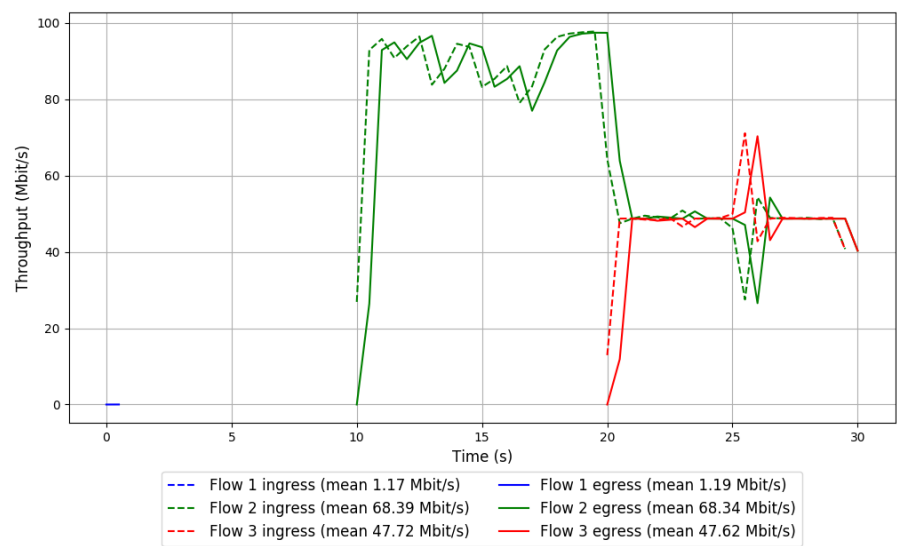


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-02 00:38:58
End at: 2018-08-02 00:39:28
Local clock offset: -3.782 ms
Remote clock offset: -1.994 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.24 Mbit/s
95th percentile per-packet one-way delay: 11.697 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 2.348 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.34 Mbit/s
95th percentile per-packet one-way delay: 11.884 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.62 Mbit/s
95th percentile per-packet one-way delay: 11.041 ms
Loss rate: 0.32%

Run 2: Report of QUIC Cubic — Data Link

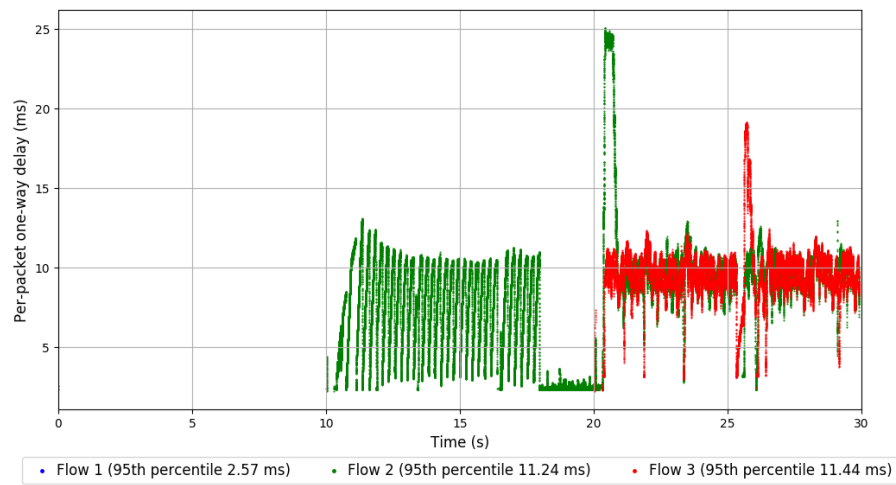
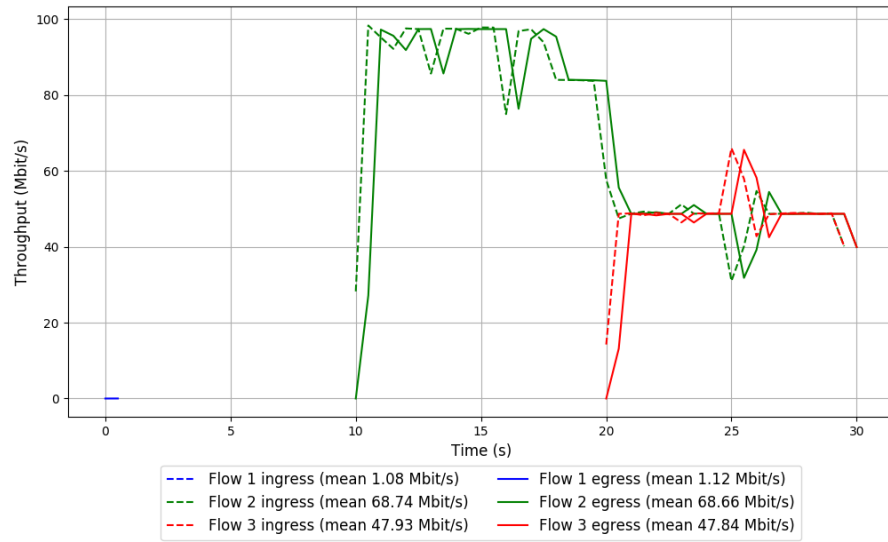


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-02 00:58:09
End at: 2018-08-02 00:58:39
Local clock offset: -3.208 ms
Remote clock offset: -2.567 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 11.296 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 2.573 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.66 Mbit/s
95th percentile per-packet one-way delay: 11.241 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 11.442 ms
Loss rate: 0.30%

Run 3: Report of QUIC Cubic — Data Link

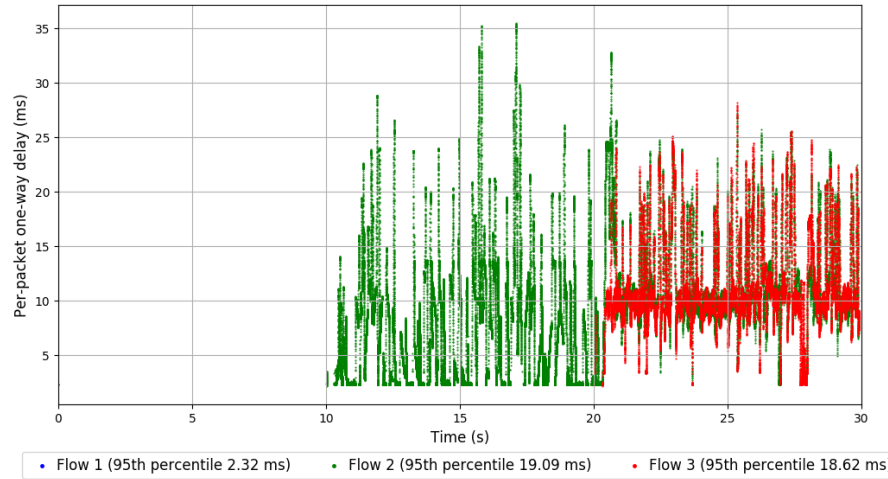
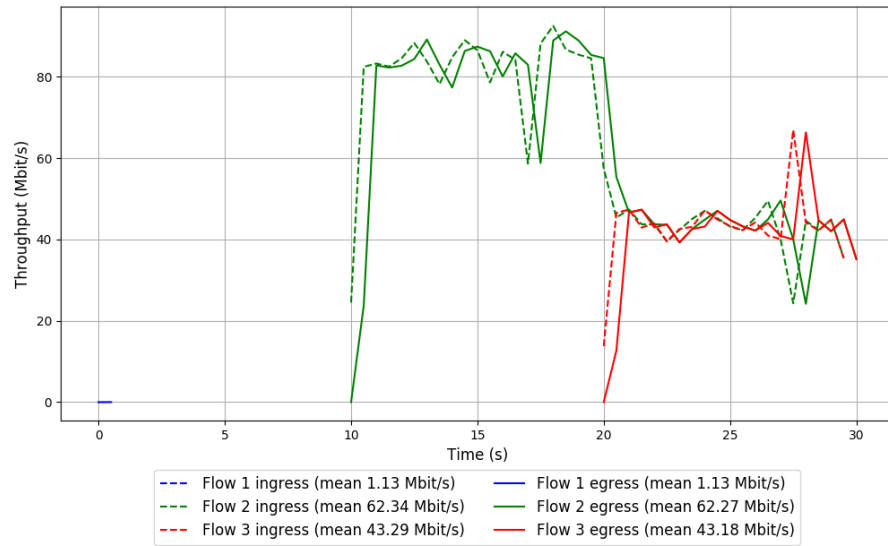


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-02 01:17:15
End at: 2018-08-02 01:17:45
Local clock offset: -2.562 ms
Remote clock offset: -2.895 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.72 Mbit/s
95th percentile per-packet one-way delay: 18.946 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 2.324 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.27 Mbit/s
95th percentile per-packet one-way delay: 19.090 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 18.619 ms
Loss rate: 0.29%

Run 4: Report of QUIC Cubic — Data Link

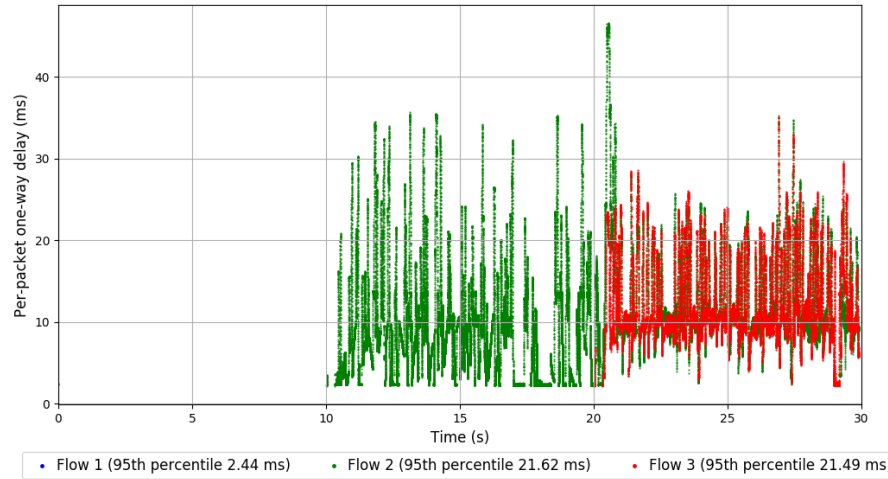
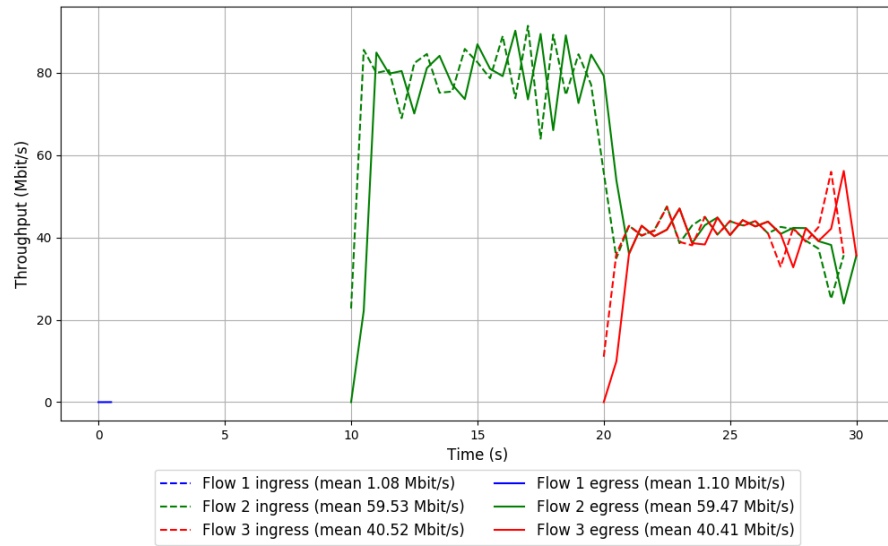


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-02 01:36:20
End at: 2018-08-02 01:36:50
Local clock offset: -2.265 ms
Remote clock offset: -5.921 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.93 Mbit/s
95th percentile per-packet one-way delay: 21.578 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 2.439 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 21.622 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 40.41 Mbit/s
95th percentile per-packet one-way delay: 21.490 ms
Loss rate: 0.29%

Run 5: Report of QUIC Cubic — Data Link

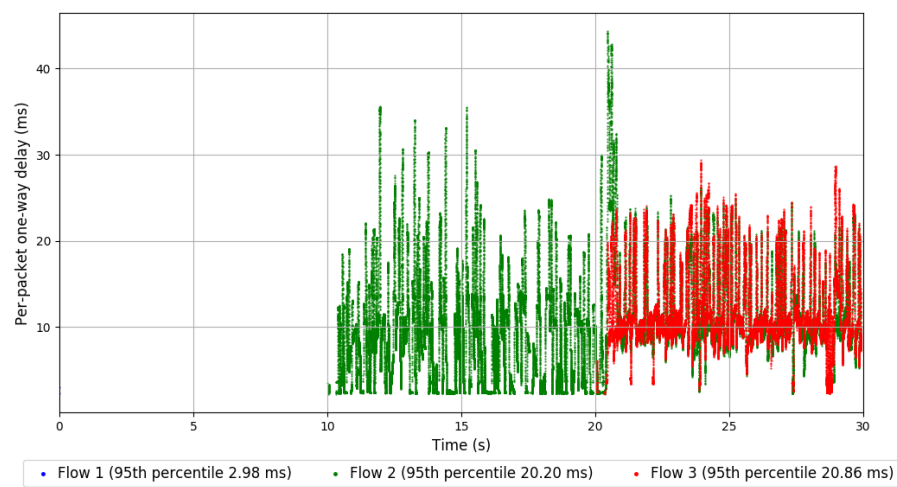
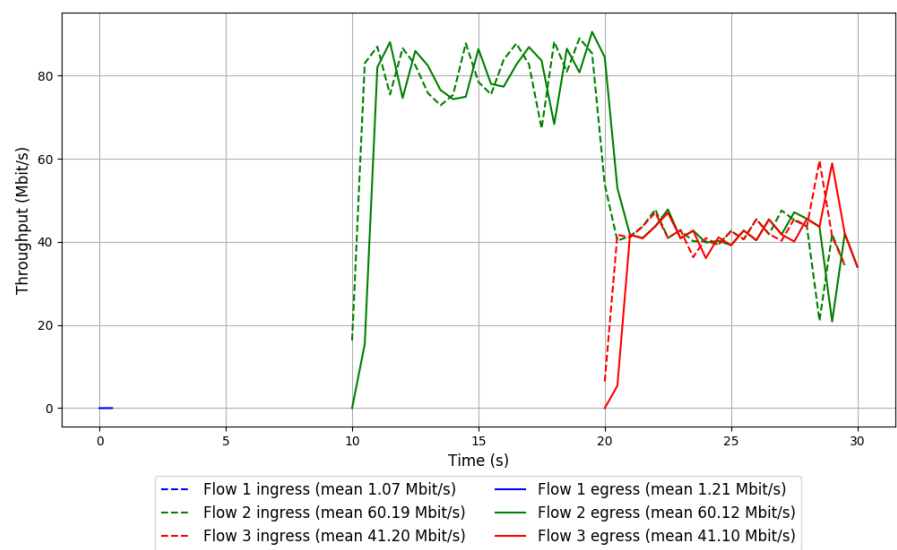


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-02 01:55:25
End at: 2018-08-02 01:55:55
Local clock offset: -2.34 ms
Remote clock offset: -7.788 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.59 Mbit/s
95th percentile per-packet one-way delay: 20.388 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 2.976 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.12 Mbit/s
95th percentile per-packet one-way delay: 20.204 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 41.10 Mbit/s
95th percentile per-packet one-way delay: 20.861 ms
Loss rate: 0.30%

Run 6: Report of QUIC Cubic — Data Link

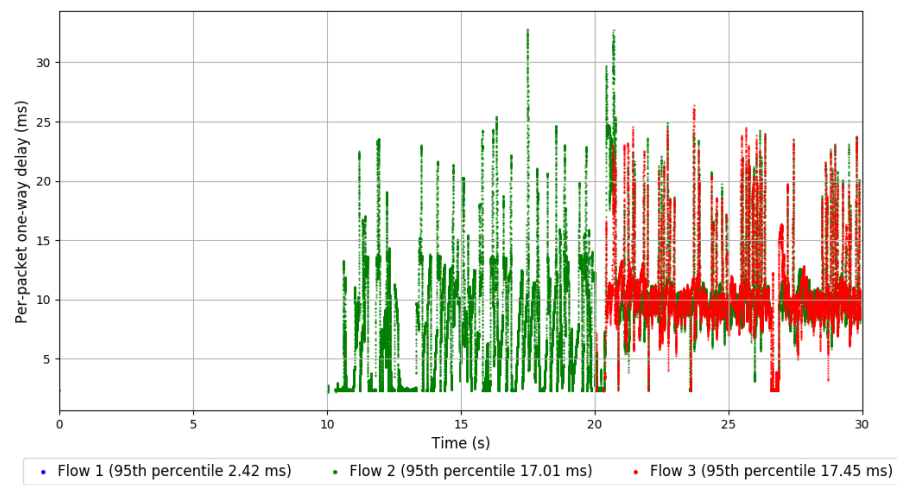
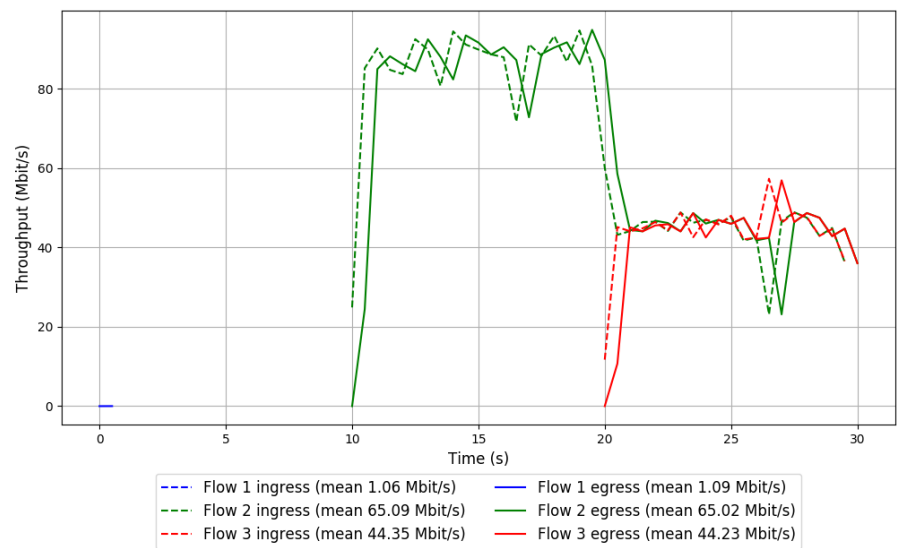


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-02 02:14:35
End at: 2018-08-02 02:15:05
Local clock offset: -2.817 ms
Remote clock offset: -3.053 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.89 Mbit/s
95th percentile per-packet one-way delay: 17.188 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 2.419 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.02 Mbit/s
95th percentile per-packet one-way delay: 17.014 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 44.23 Mbit/s
95th percentile per-packet one-way delay: 17.449 ms
Loss rate: 0.32%

Run 7: Report of QUIC Cubic — Data Link

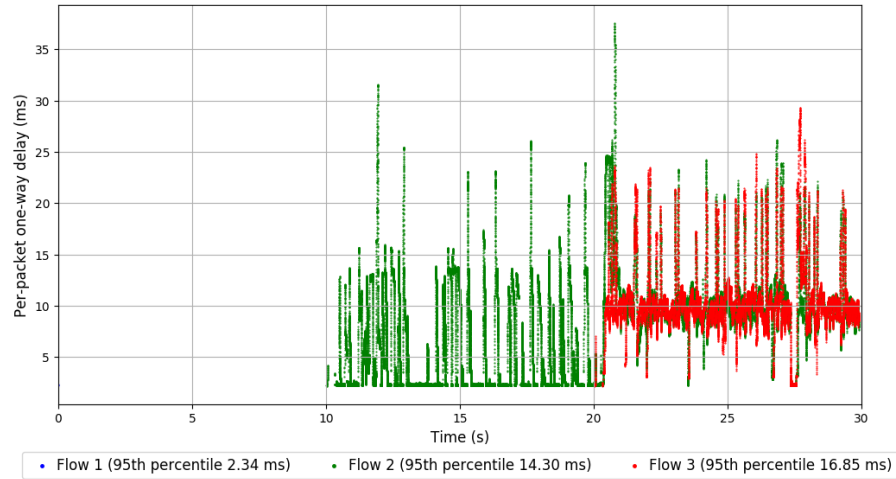
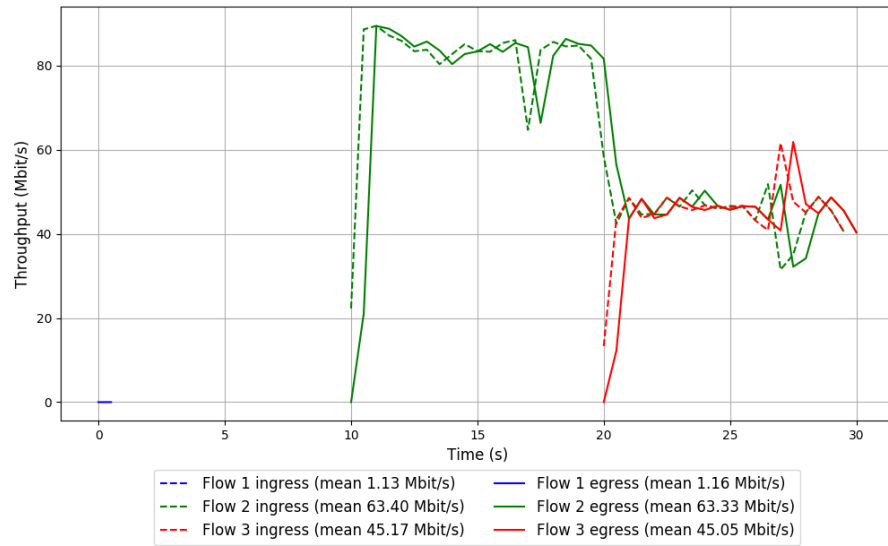


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-02 02:33:43
End at: 2018-08-02 02:34:13
Local clock offset: -2.239 ms
Remote clock offset: -1.965 ms

Below is generated by plot.py at 2018-08-02 03:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.03 Mbit/s
95th percentile per-packet one-way delay: 15.214 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 2.344 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.33 Mbit/s
95th percentile per-packet one-way delay: 14.302 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 45.05 Mbit/s
95th percentile per-packet one-way delay: 16.853 ms
Loss rate: 0.31%

Run 8: Report of QUIC Cubic — Data Link

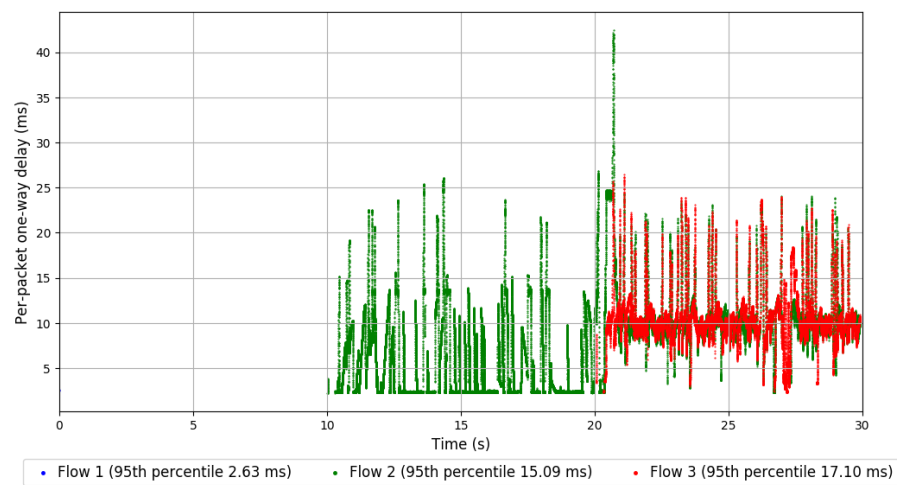
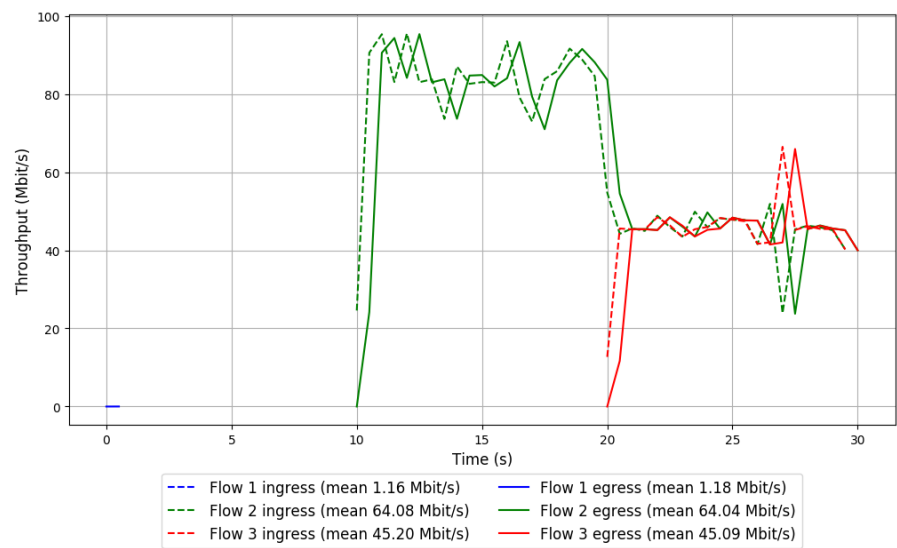


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-02 02:52:49
End at: 2018-08-02 02:53:19
Local clock offset: -1.986 ms
Remote clock offset: -2.134 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.53 Mbit/s
95th percentile per-packet one-way delay: 15.732 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 2.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.04 Mbit/s
95th percentile per-packet one-way delay: 15.094 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 45.09 Mbit/s
95th percentile per-packet one-way delay: 17.098 ms
Loss rate: 0.30%

Run 9: Report of QUIC Cubic — Data Link

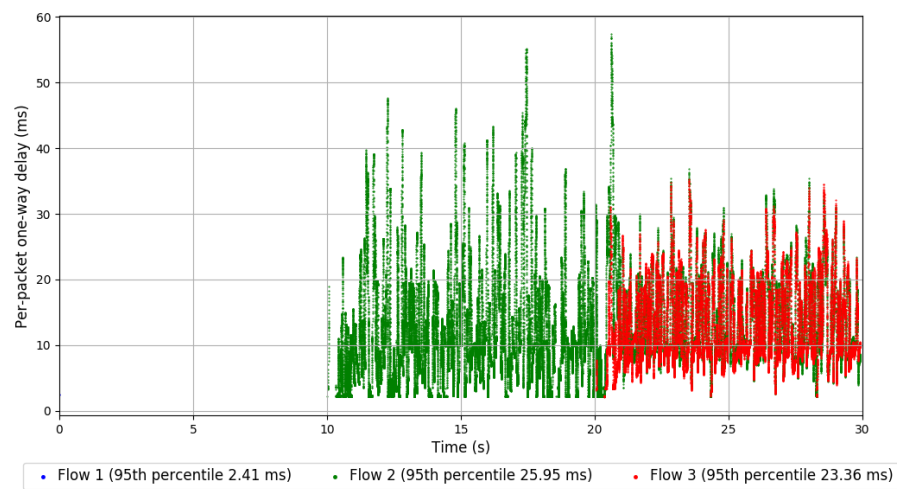
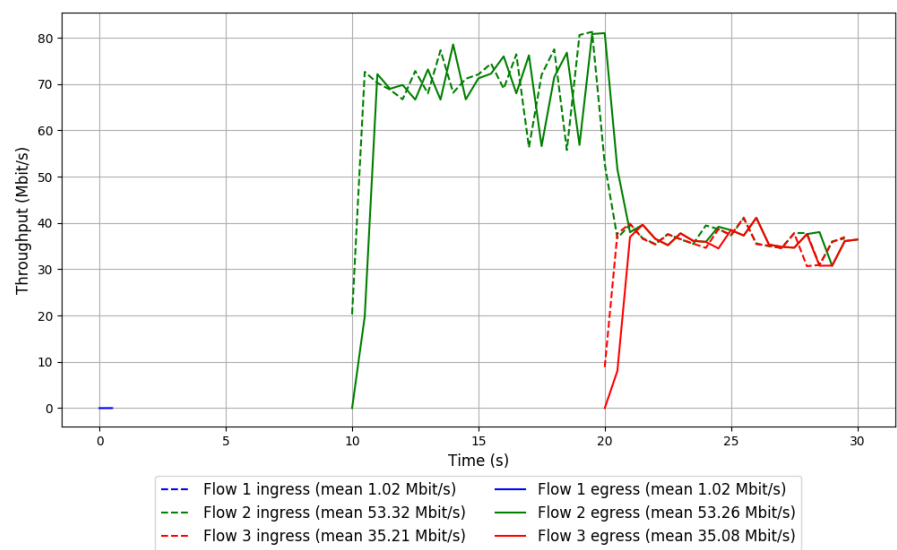


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-02 03:11:52
End at: 2018-08-02 03:12:22
Local clock offset: -2.294 ms
Remote clock offset: -4.295 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 25.079 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 2.409 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 53.26 Mbit/s
95th percentile per-packet one-way delay: 25.952 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 35.08 Mbit/s
95th percentile per-packet one-way delay: 23.359 ms
Loss rate: 0.44%

Run 10: Report of QUIC Cubic — Data Link

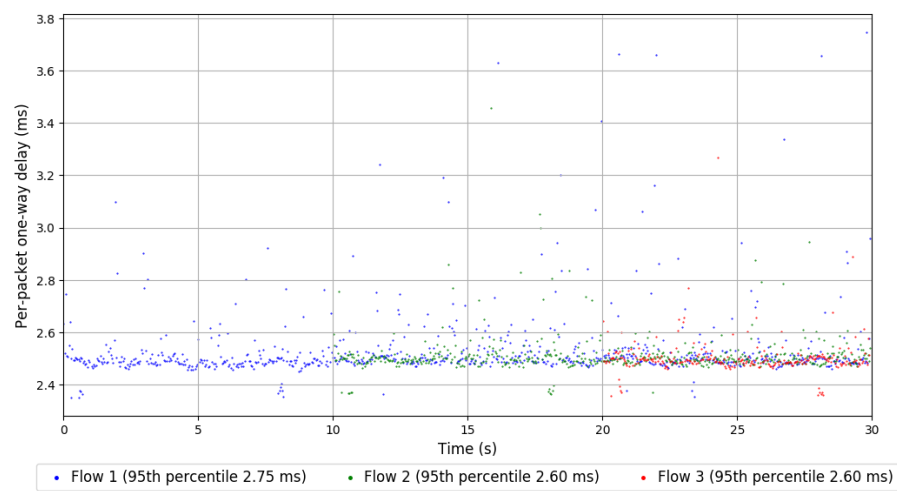
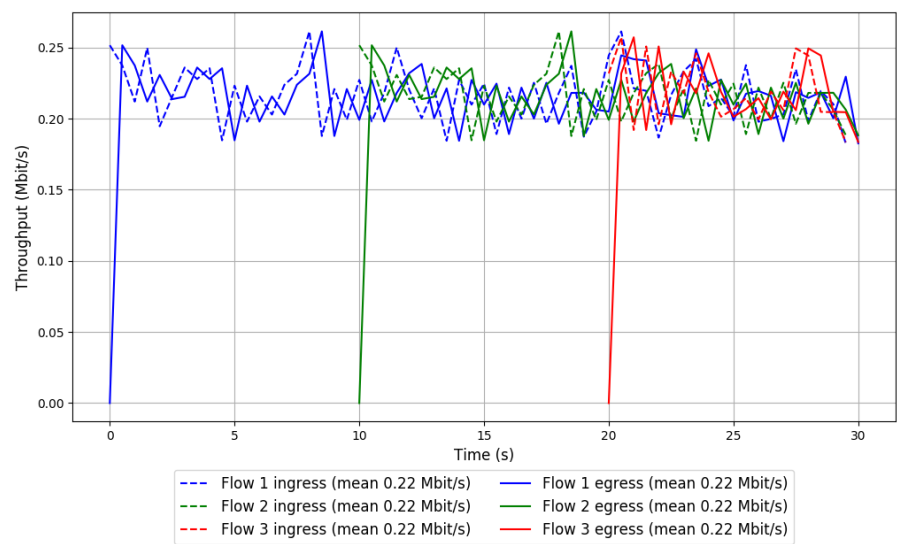


Run 1: Statistics of SReAM

Start at: 2018-08-02 00:16:27
End at: 2018-08-02 00:16:57
Local clock offset: -4.039 ms
Remote clock offset: -2.535 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.662 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.748 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.595 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.602 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

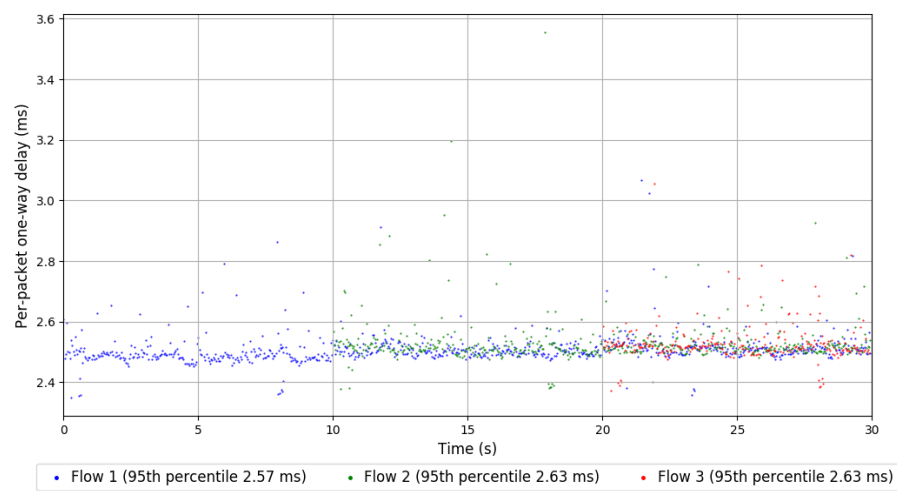
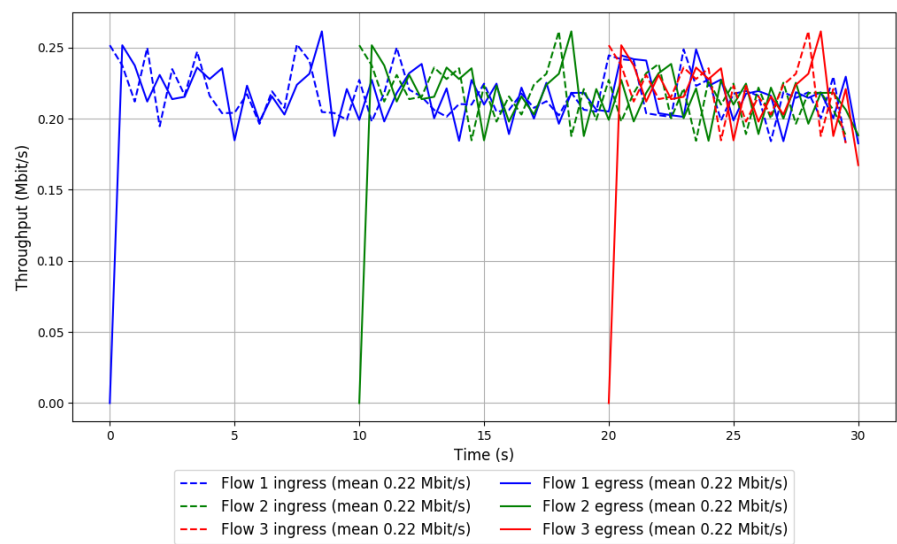


Run 2: Statistics of SReAM

Start at: 2018-08-02 00:35:38
End at: 2018-08-02 00:36:08
Local clock offset: -3.787 ms
Remote clock offset: -2.201 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.595 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.571 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.632 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.627 ms
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link

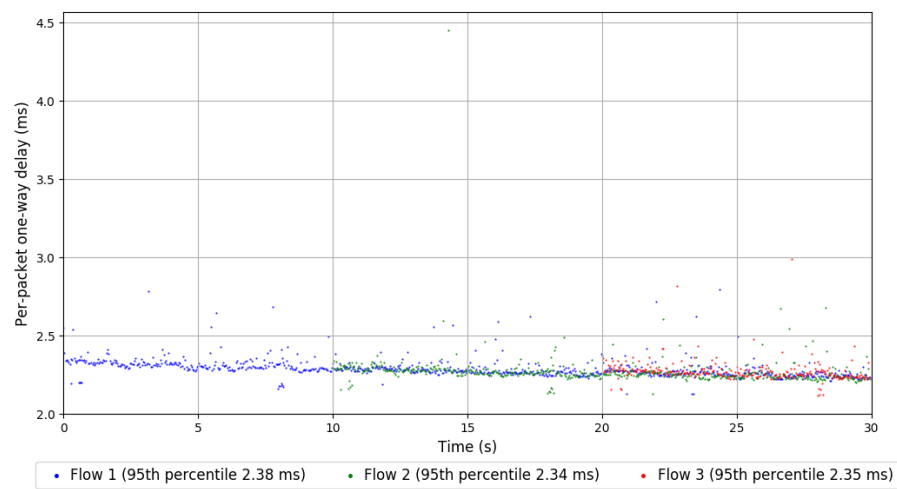
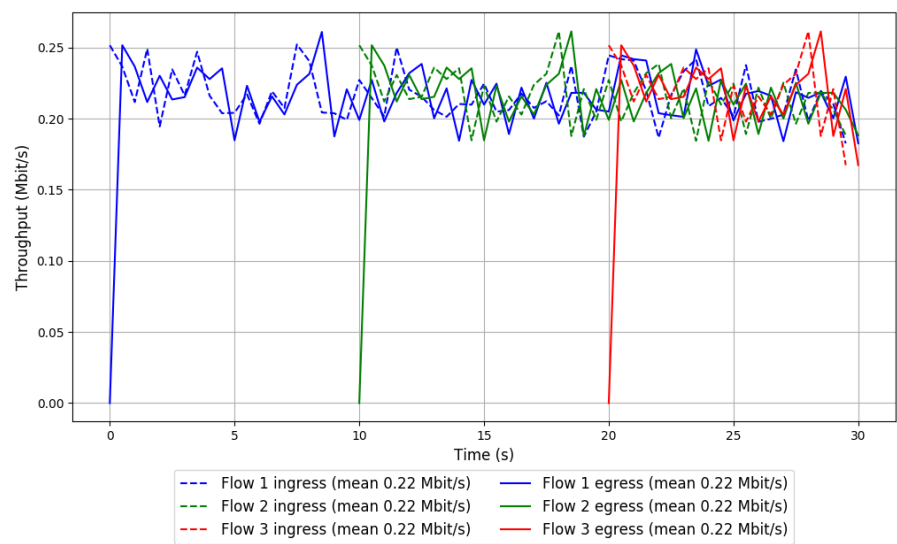


Run 3: Statistics of SReAM

Start at: 2018-08-02 00:54:49
End at: 2018-08-02 00:55:19
Local clock offset: -3.514 ms
Remote clock offset: -2.219 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.361 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.377 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.336 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.355 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

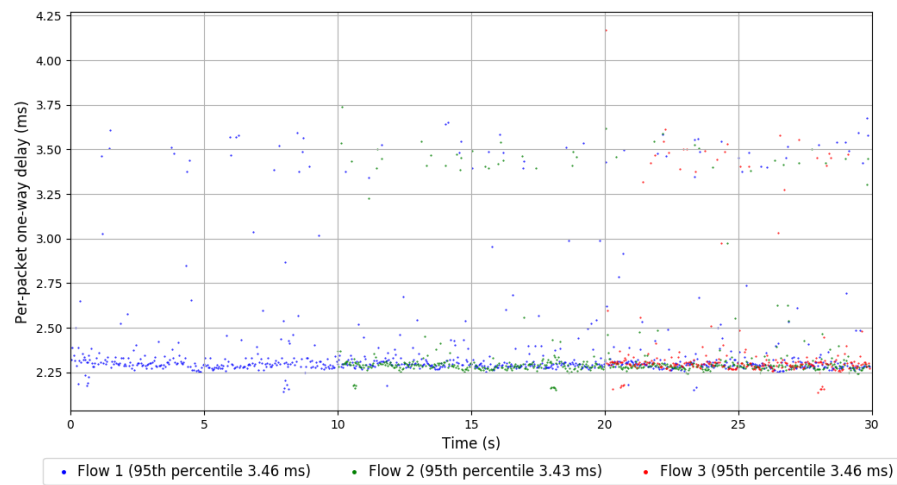
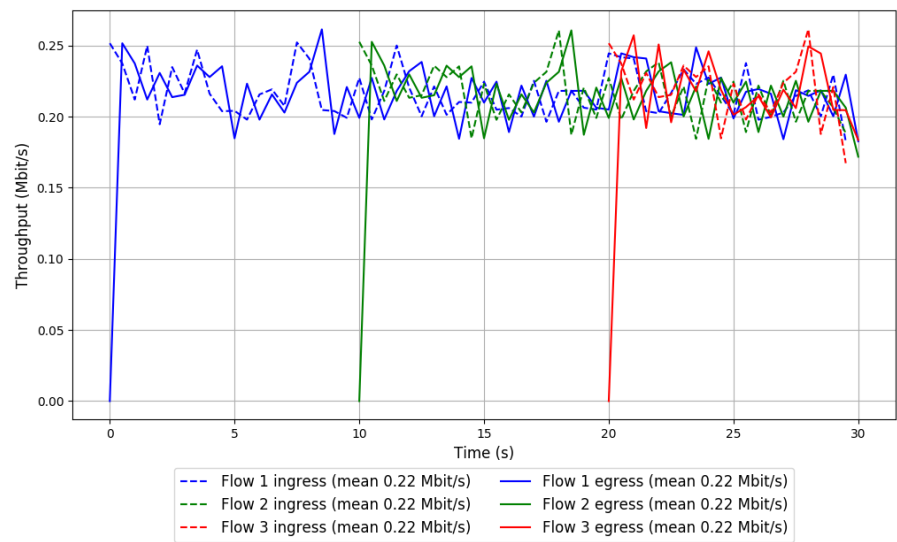


Run 4: Statistics of SReAM

Start at: 2018-08-02 01:13:56
End at: 2018-08-02 01:14:26
Local clock offset: -2.62 ms
Remote clock offset: -2.839 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.451 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.464 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.426 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.465 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

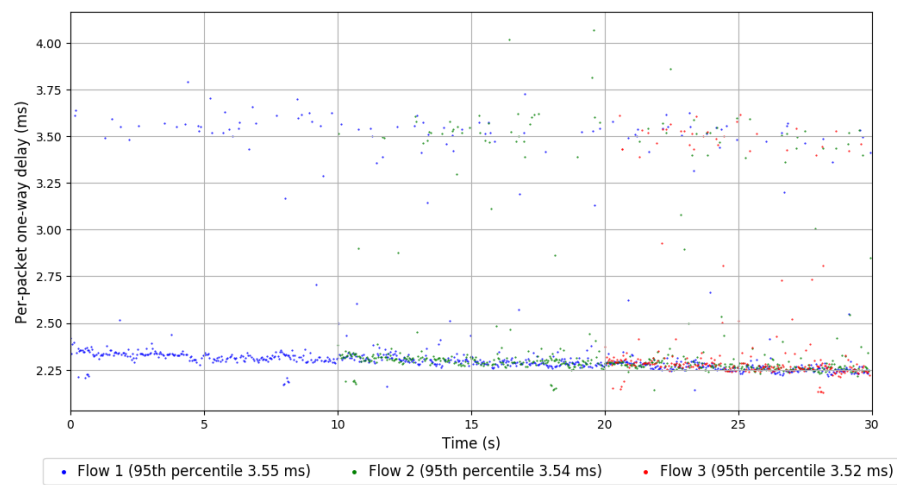
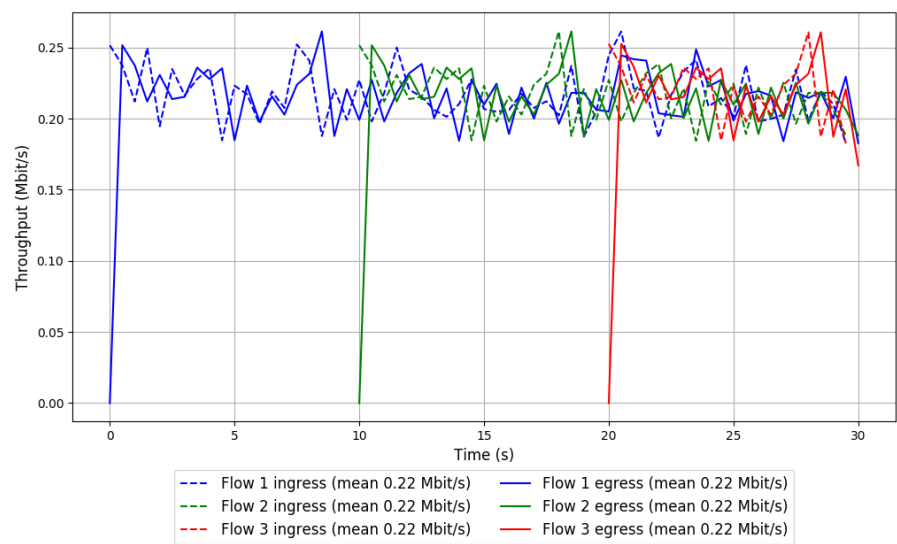


Run 5: Statistics of SReAM

Start at: 2018-08-02 01:33:01
End at: 2018-08-02 01:33:31
Local clock offset: -2.291 ms
Remote clock offset: -5.337 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.539 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.551 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.535 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.517 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

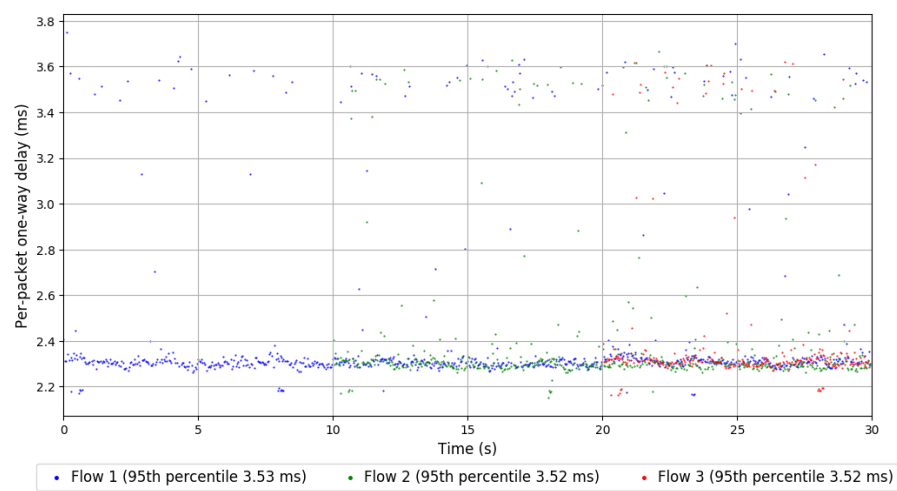
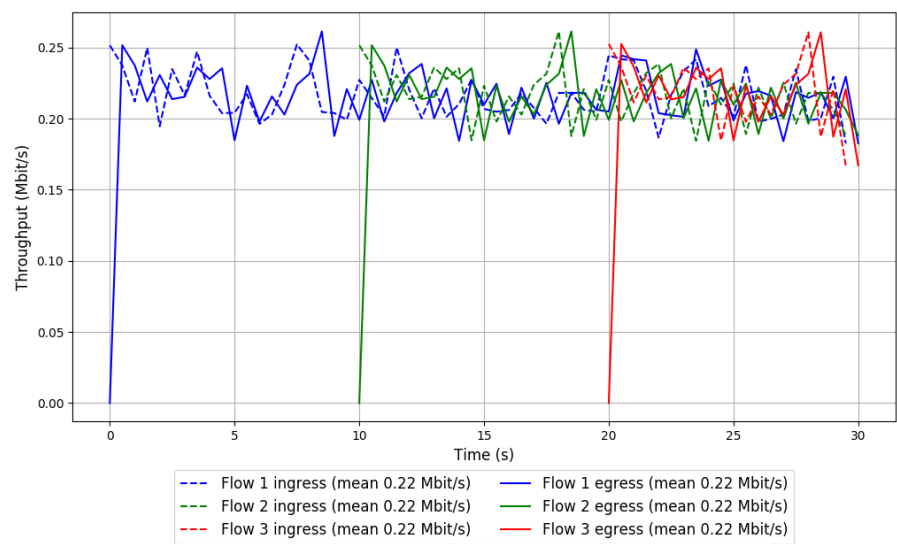


Run 6: Statistics of SReAM

Start at: 2018-08-02 01:52:05
End at: 2018-08-02 01:52:35
Local clock offset: -2.192 ms
Remote clock offset: -7.533 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.524 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.533 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.521 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.523 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

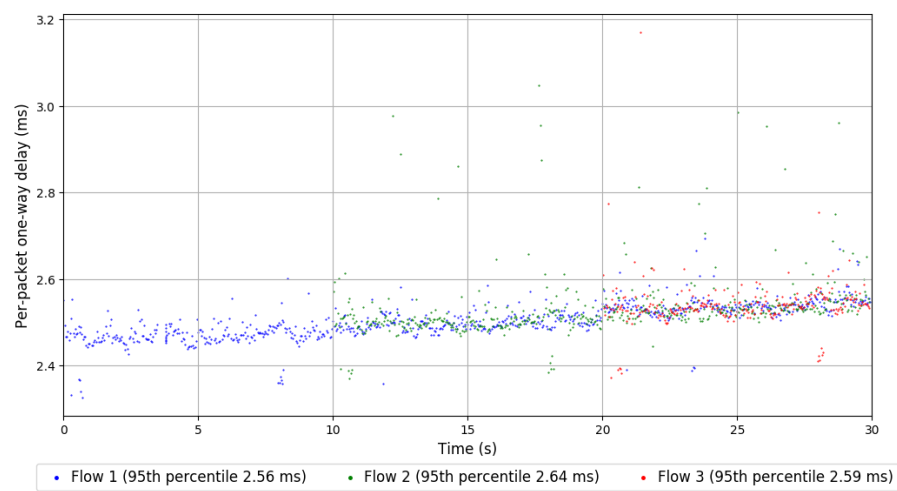
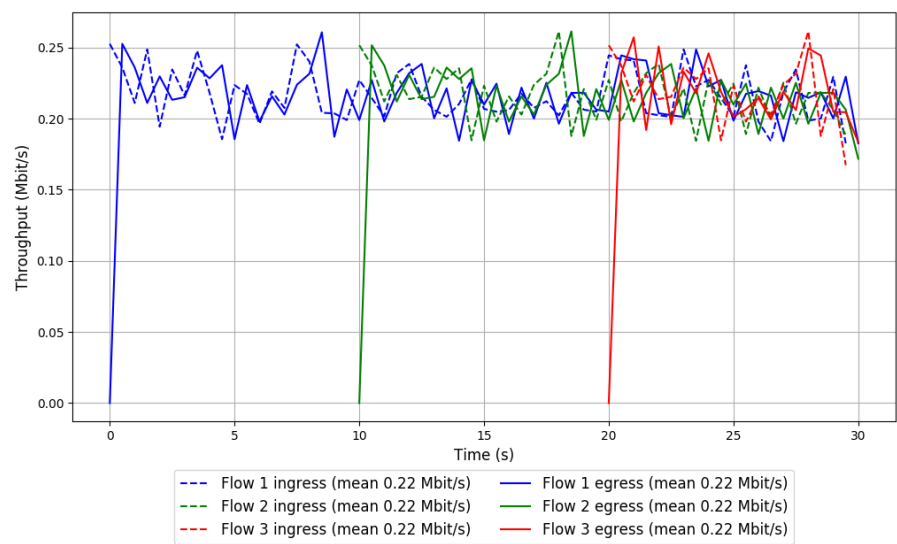


Run 7: Statistics of SReAM

Start at: 2018-08-02 02:11:15
End at: 2018-08-02 02:11:45
Local clock offset: -2.697 ms
Remote clock offset: -3.605 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.581 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.557 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.639 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.594 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

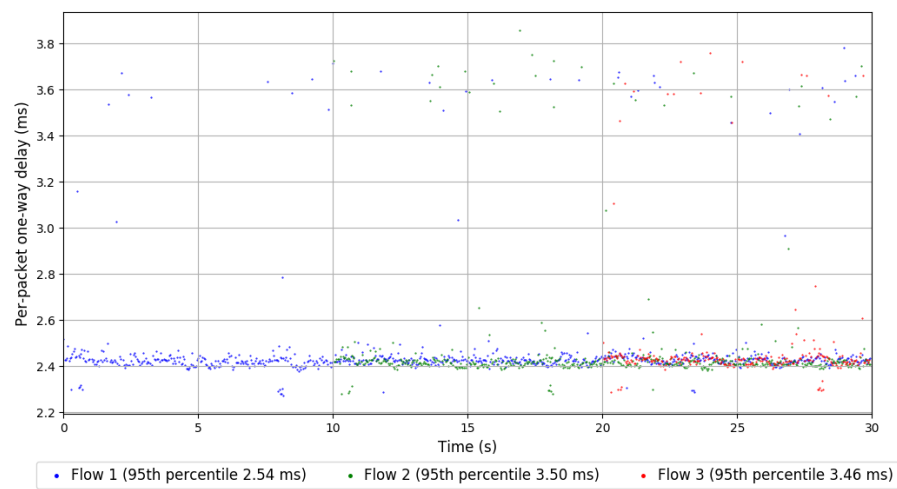
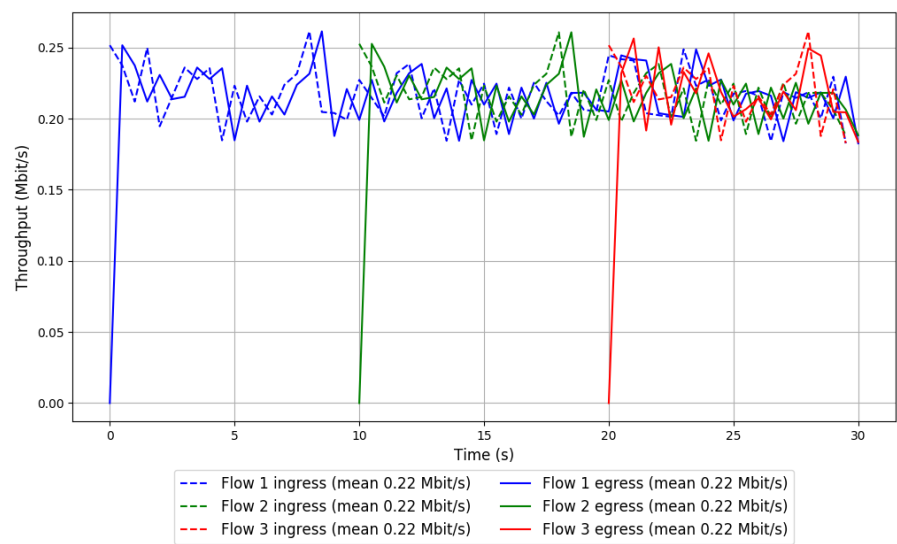


Run 8: Statistics of SReAM

Start at: 2018-08-02 02:30:23
End at: 2018-08-02 02:30:53
Local clock offset: -2.334 ms
Remote clock offset: -2.107 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.025 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.544 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.505 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.456 ms
Loss rate: 0.35%

Run 8: Report of SReAM — Data Link

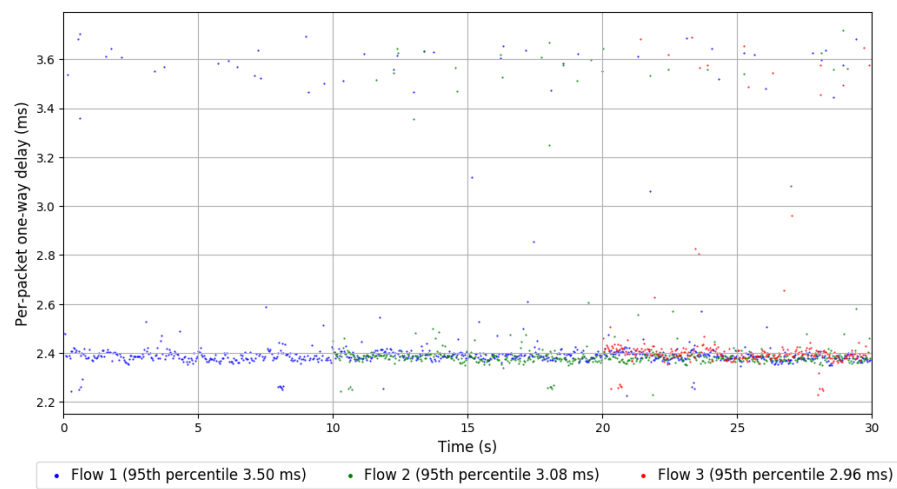
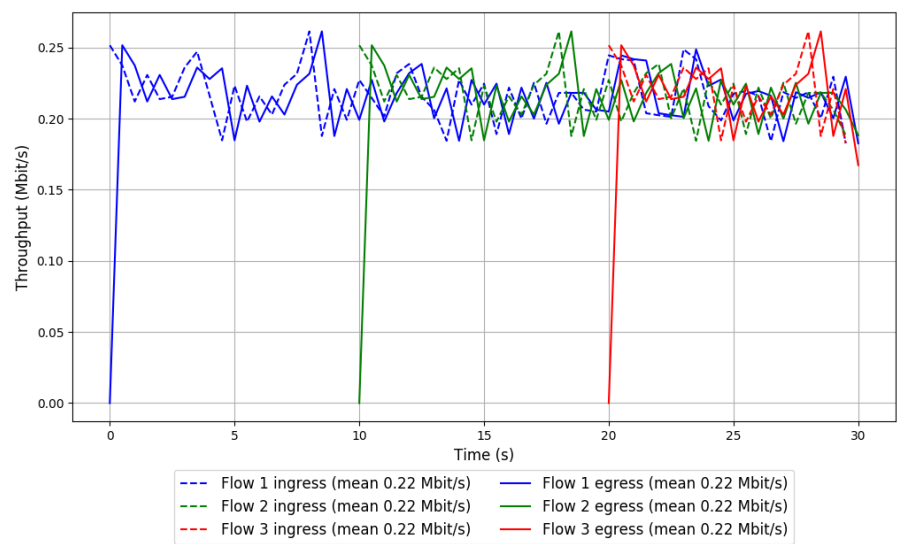


Run 9: Statistics of SReAM

Start at: 2018-08-02 02:49:31
End at: 2018-08-02 02:50:01
Local clock offset: -1.966 ms
Remote clock offset: -2.164 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.465 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.503 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.082 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.963 ms
Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

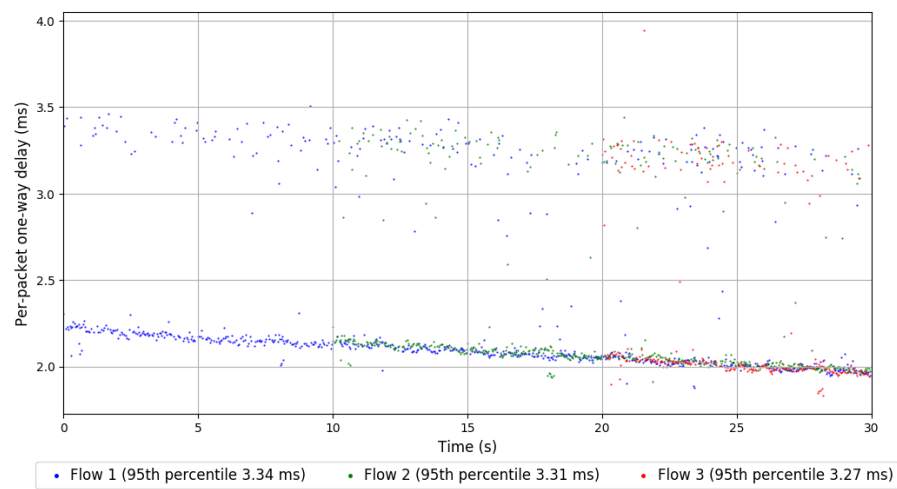
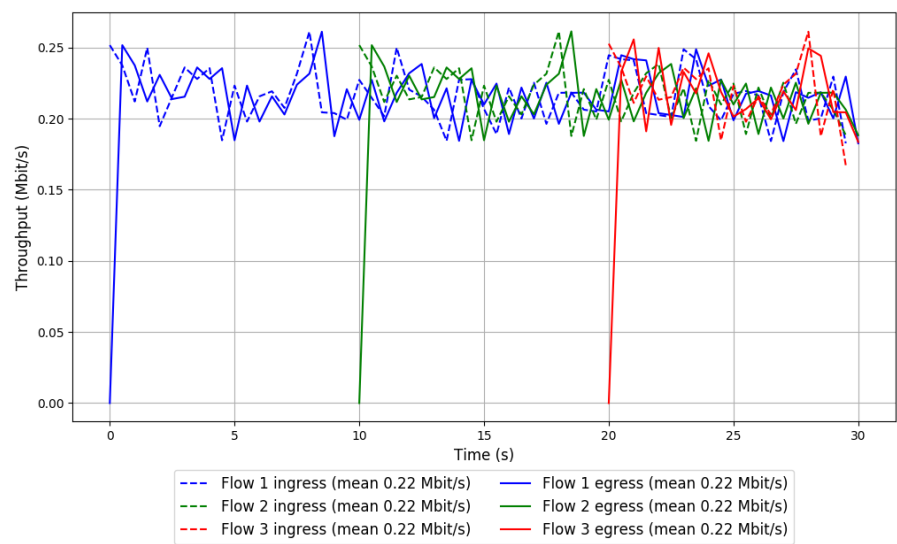


Run 10: Statistics of SReAM

Start at: 2018-08-02 03:08:34
End at: 2018-08-02 03:09:04
Local clock offset: -2.286 ms
Remote clock offset: -2.746 ms

Below is generated by plot.py at 2018-08-02 03:45:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 3.316 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.341 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.306 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.275 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

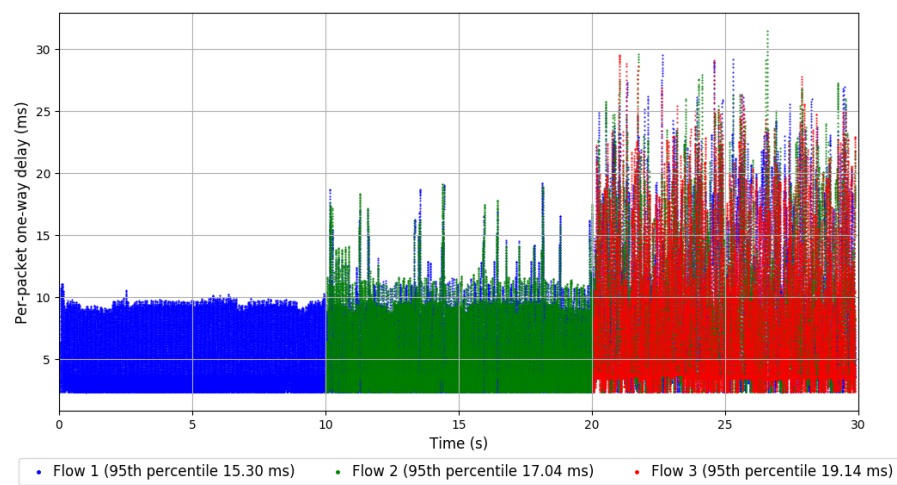
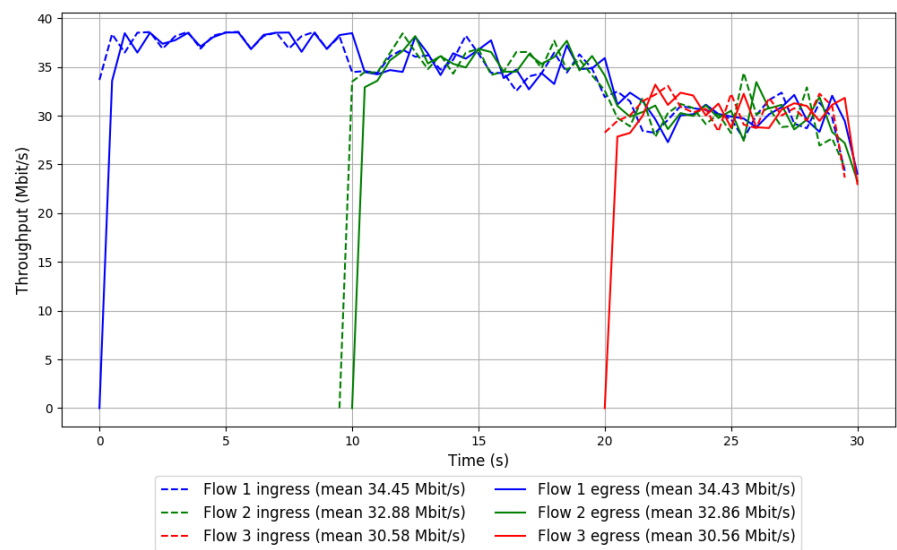


Run 1: Statistics of Sprout

Start at: 2018-08-02 00:20:54
End at: 2018-08-02 00:21:24
Local clock offset: -4.076 ms
Remote clock offset: -2.385 ms

Below is generated by plot.py at 2018-08-02 03:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.37 Mbit/s
95th percentile per-packet one-way delay: 16.936 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 34.43 Mbit/s
95th percentile per-packet one-way delay: 15.301 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 32.86 Mbit/s
95th percentile per-packet one-way delay: 17.035 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 19.141 ms
Loss rate: 0.16%

Run 1: Report of Sprout — Data Link

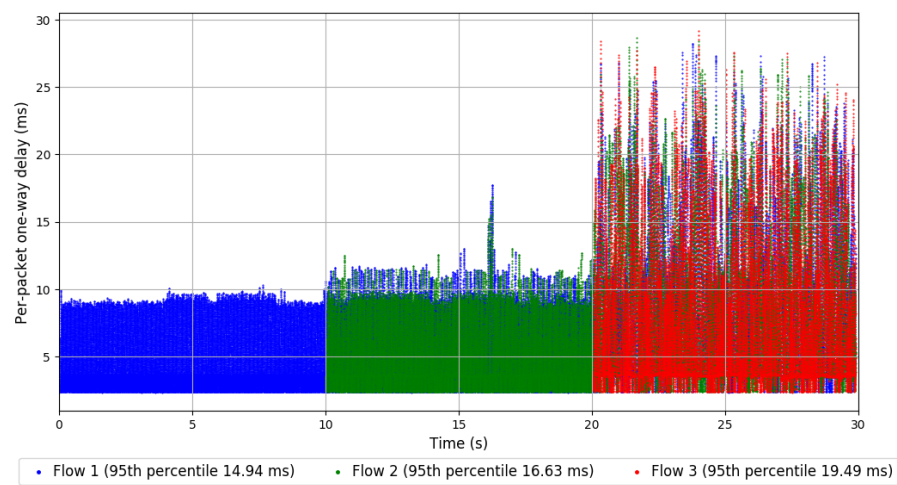
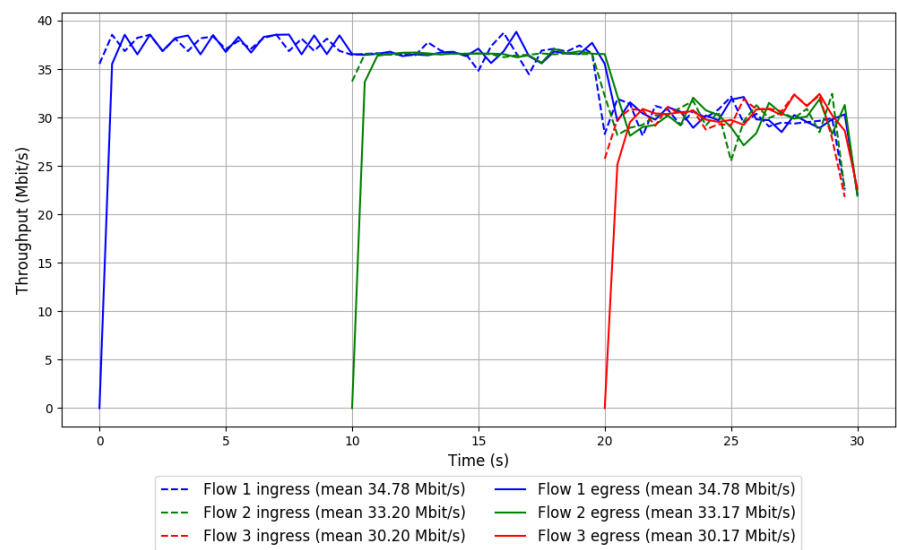


Run 2: Statistics of Sprout

Start at: 2018-08-02 00:40:05
End at: 2018-08-02 00:40:35
Local clock offset: -3.815 ms
Remote clock offset: -2.017 ms

Below is generated by plot.py at 2018-08-02 03:45:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.79 Mbit/s
95th percentile per-packet one-way delay: 16.848 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 14.941 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 16.633 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 30.17 Mbit/s
95th percentile per-packet one-way delay: 19.490 ms
Loss rate: 0.06%

Run 2: Report of Sprout — Data Link

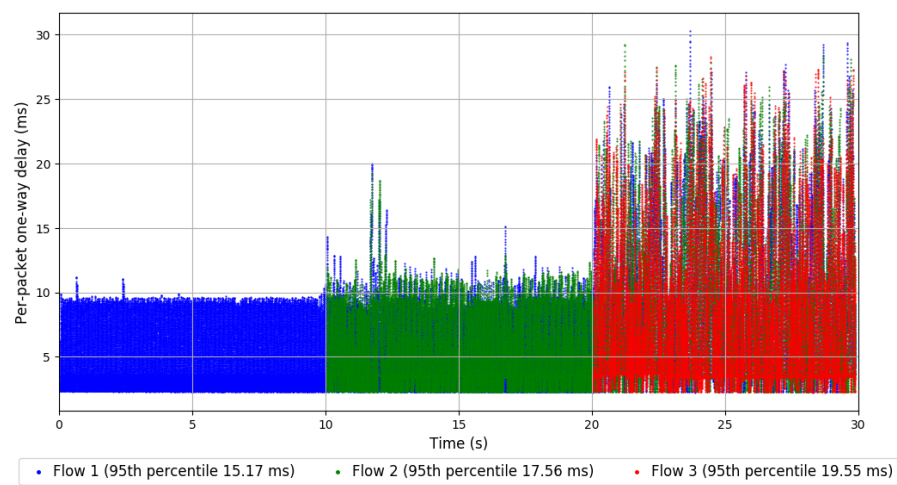
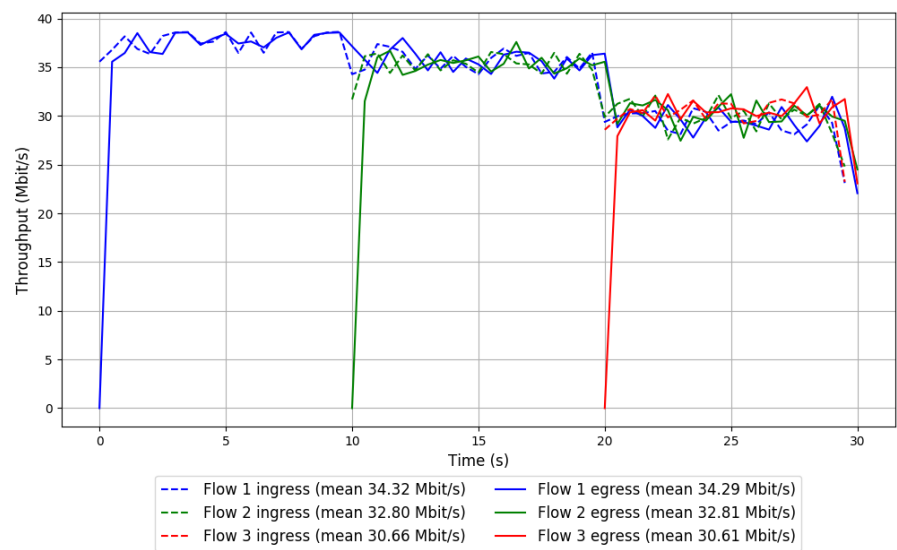


Run 3: Statistics of Sprout

Start at: 2018-08-02 00:59:15
End at: 2018-08-02 00:59:45
Local clock offset: -3.112 ms
Remote clock offset: -2.513 ms

```
# Below is generated by plot.py at 2018-08-02 03:45:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.19 Mbit/s
95th percentile per-packet one-way delay: 17.198 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 15.170 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 17.558 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 30.61 Mbit/s
95th percentile per-packet one-way delay: 19.546 ms
Loss rate: 0.03%
```

Run 3: Report of Sprout — Data Link

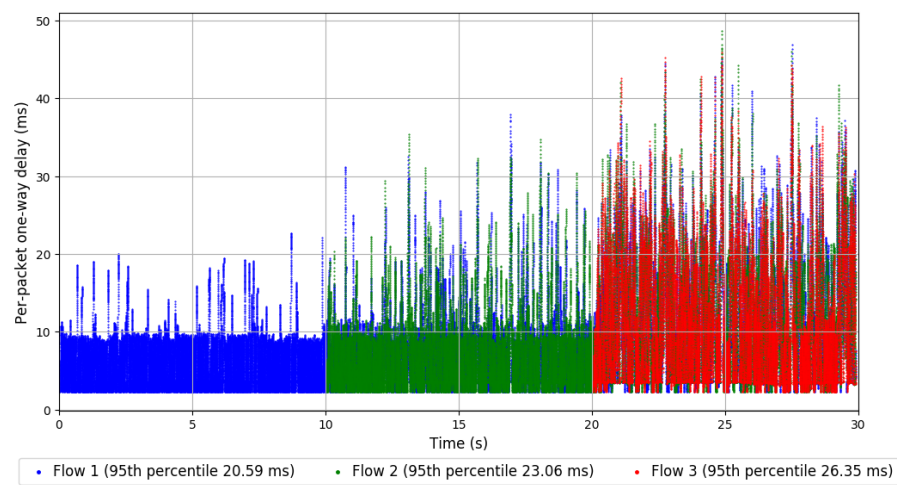
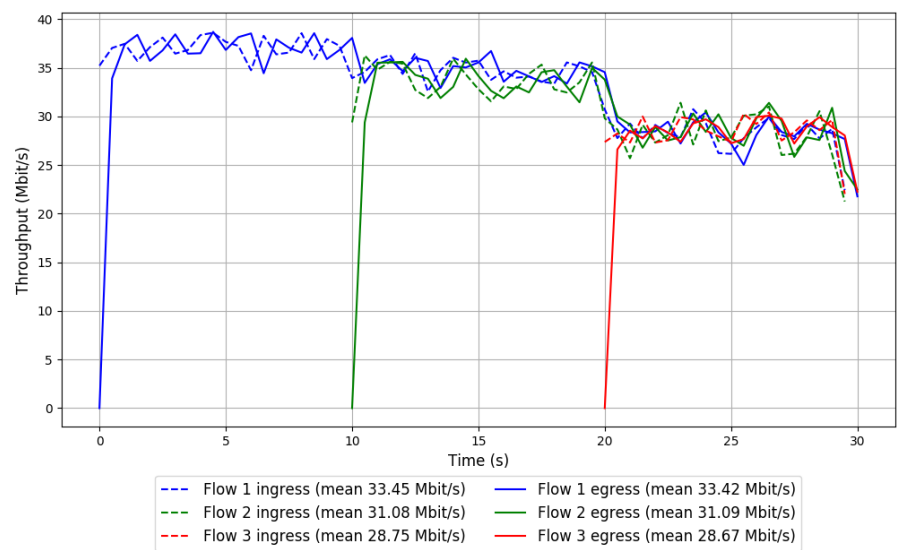


Run 4: Statistics of Sprout

Start at: 2018-08-02 01:18:21
End at: 2018-08-02 01:18:51
Local clock offset: -2.542 ms
Remote clock offset: -2.894 ms

```
# Below is generated by plot.py at 2018-08-02 03:45:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.54 Mbit/s
95th percentile per-packet one-way delay: 22.727 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 20.586 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 23.058 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 28.67 Mbit/s
95th percentile per-packet one-way delay: 26.346 ms
Loss rate: 0.25%
```

Run 4: Report of Sprout — Data Link

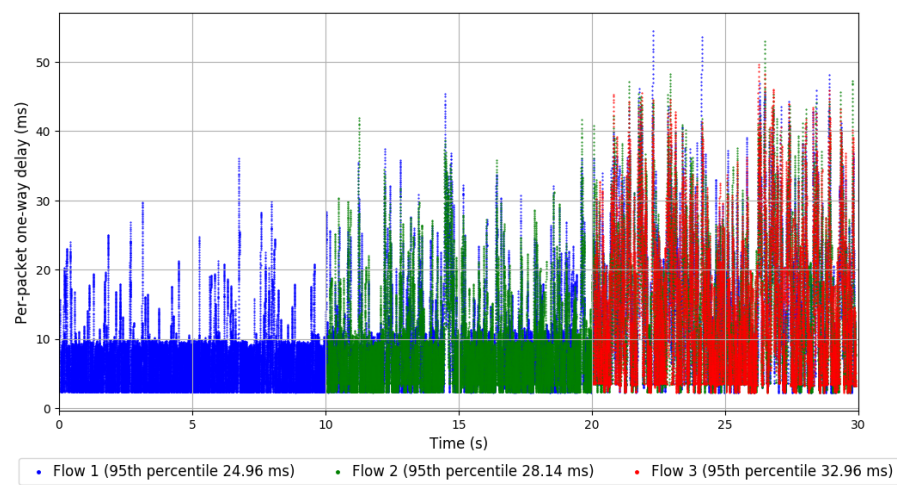
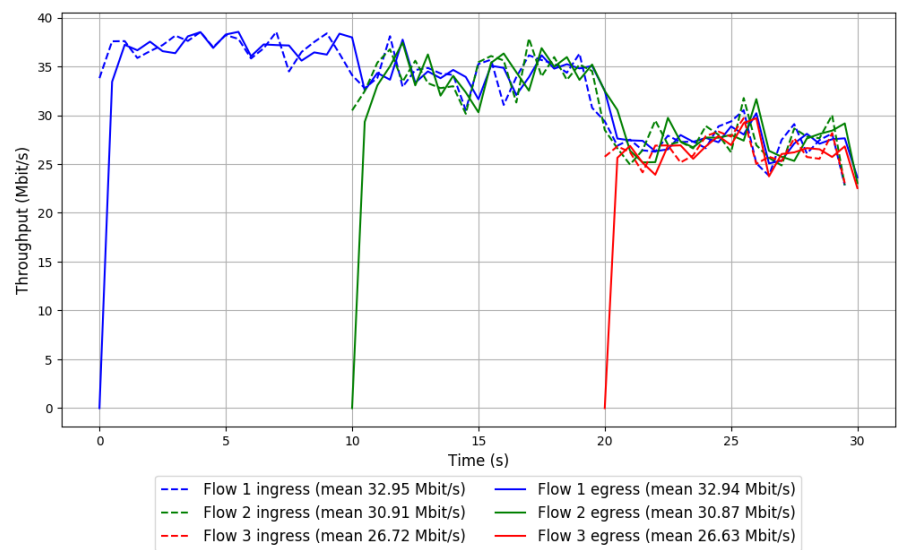


Run 5: Statistics of Sprout

Start at: 2018-08-02 01:37:26
End at: 2018-08-02 01:37:56
Local clock offset: -2.252 ms
Remote clock offset: -6.093 ms

```
# Below is generated by plot.py at 2018-08-02 03:45:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.25 Mbit/s
95th percentile per-packet one-way delay: 27.903 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 32.94 Mbit/s
95th percentile per-packet one-way delay: 24.964 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 28.136 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 32.958 ms
Loss rate: 0.39%
```

Run 5: Report of Sprout — Data Link

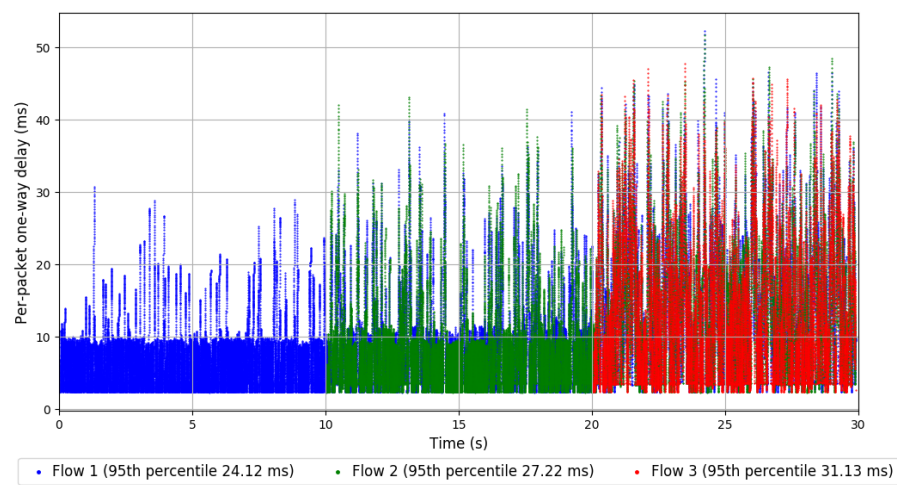
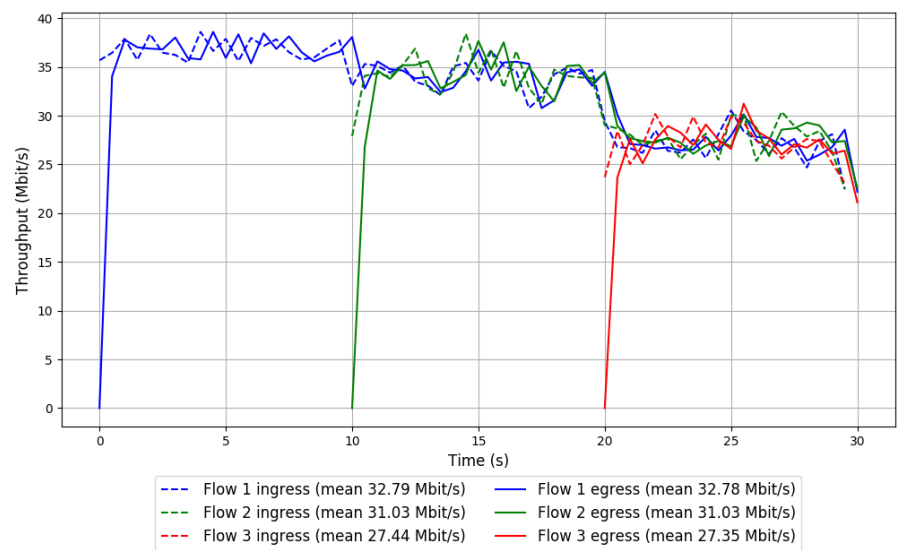


Run 6: Statistics of Sprout

Start at: 2018-08-02 01:56:31
End at: 2018-08-02 01:57:01
Local clock offset: -2.381 ms
Remote clock offset: -7.864 ms

Below is generated by plot.py at 2018-08-02 03:45:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.42 Mbit/s
95th percentile per-packet one-way delay: 26.600 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 32.78 Mbit/s
95th percentile per-packet one-way delay: 24.122 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 31.03 Mbit/s
95th percentile per-packet one-way delay: 27.217 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 27.35 Mbit/s
95th percentile per-packet one-way delay: 31.131 ms
Loss rate: 0.39%

Run 6: Report of Sprout — Data Link

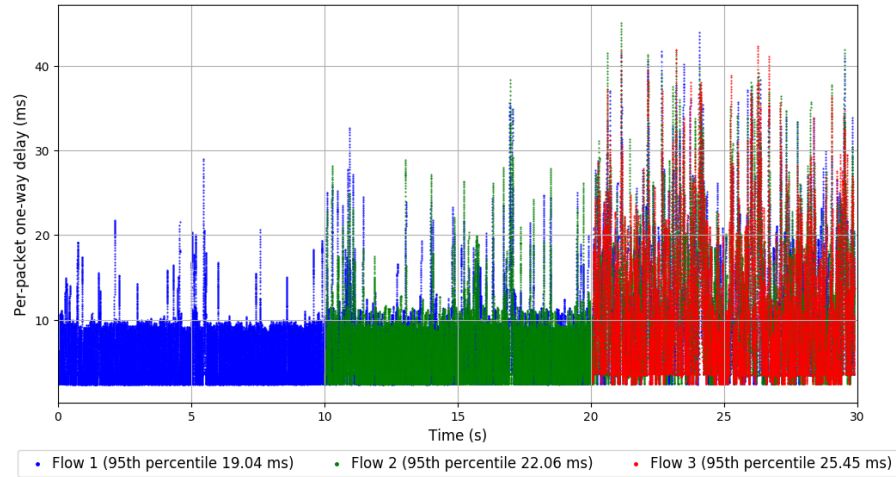
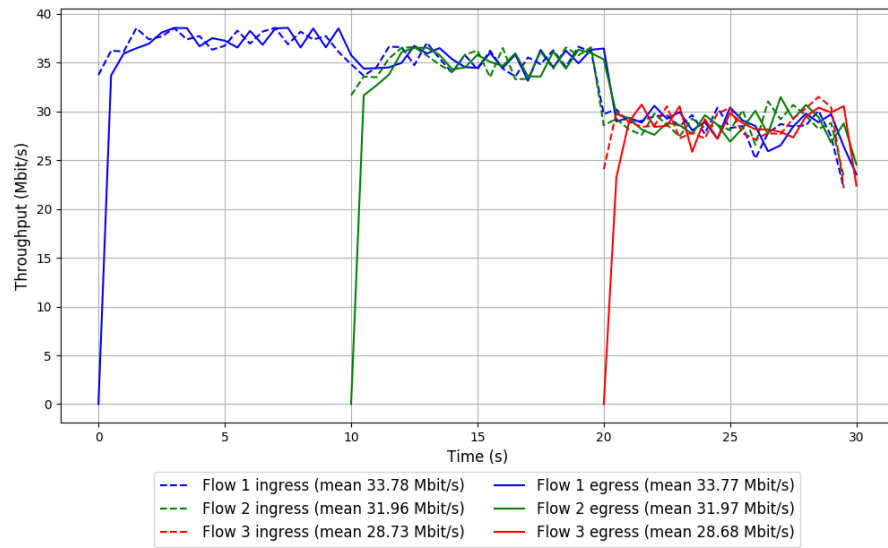


Run 7: Statistics of Sprout

Start at: 2018-08-02 02:15:41
End at: 2018-08-02 02:16:11
Local clock offset: -2.747 ms
Remote clock offset: -2.942 ms

Below is generated by plot.py at 2018-08-02 03:45:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.47 Mbit/s
95th percentile per-packet one-way delay: 21.373 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 33.77 Mbit/s
95th percentile per-packet one-way delay: 19.039 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 22.063 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 25.445 ms
Loss rate: 0.27%

Run 7: Report of Sprout — Data Link

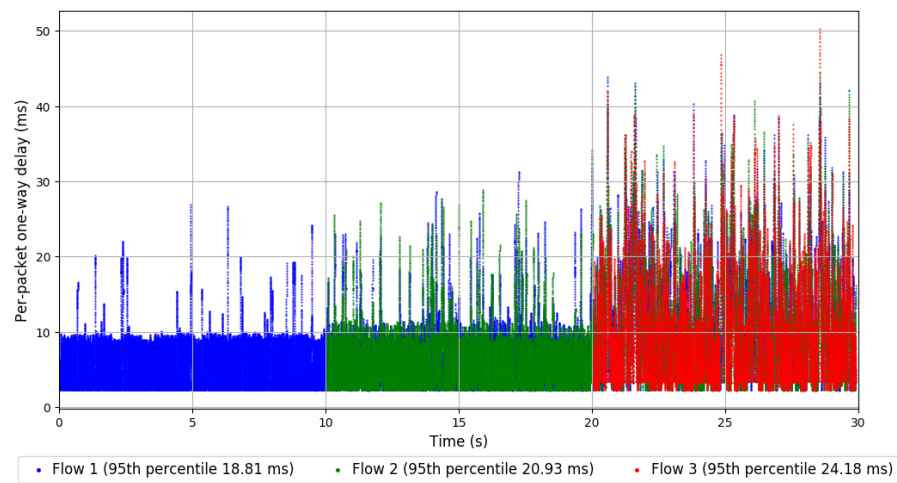
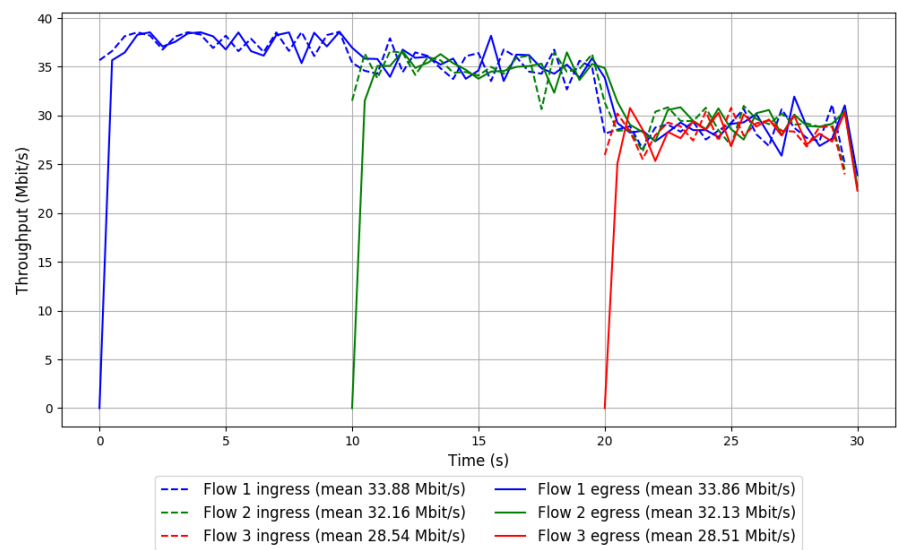


Run 8: Statistics of Sprout

Start at: 2018-08-02 02:34:49
End at: 2018-08-02 02:35:19
Local clock offset: -2.265 ms
Remote clock offset: -2.03 ms

Below is generated by plot.py at 2018-08-02 03:45:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.63 Mbit/s
95th percentile per-packet one-way delay: 20.633 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 18.813 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 32.13 Mbit/s
95th percentile per-packet one-way delay: 20.935 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 28.51 Mbit/s
95th percentile per-packet one-way delay: 24.182 ms
Loss rate: 0.30%

Run 8: Report of Sprout — Data Link

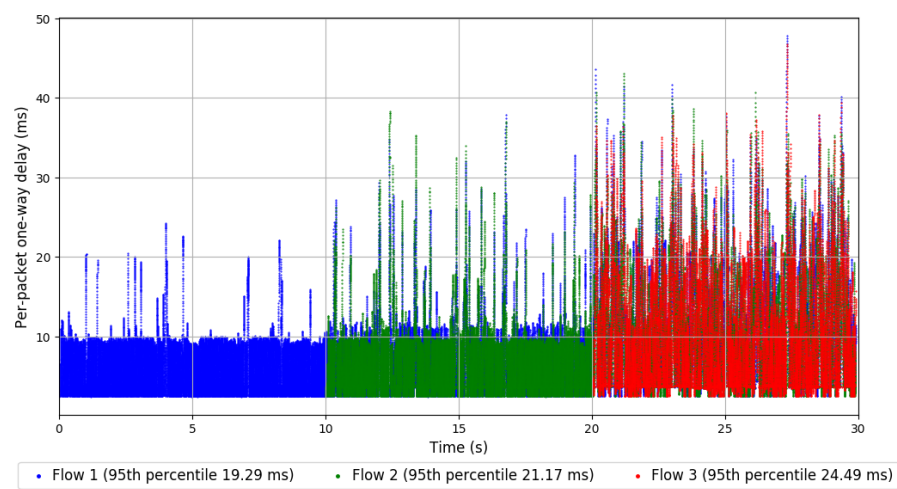
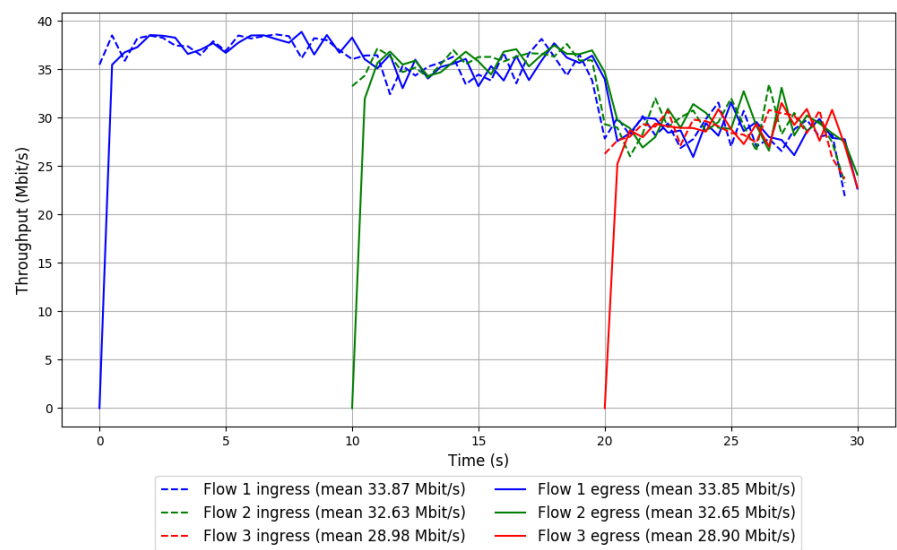


Run 9: Statistics of Sprout

Start at: 2018-08-02 02:53:55
End at: 2018-08-02 02:54:25
Local clock offset: -2.006 ms
Remote clock offset: -2.214 ms

Below is generated by plot.py at 2018-08-02 03:46:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.10 Mbit/s
95th percentile per-packet one-way delay: 20.991 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 19.292 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 32.65 Mbit/s
95th percentile per-packet one-way delay: 21.167 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 28.90 Mbit/s
95th percentile per-packet one-way delay: 24.489 ms
Loss rate: 0.16%

Run 9: Report of Sprout — Data Link

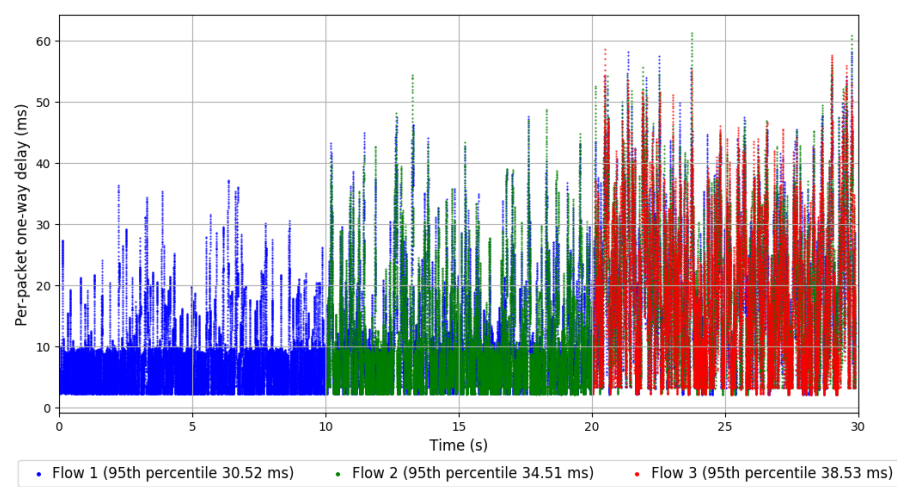
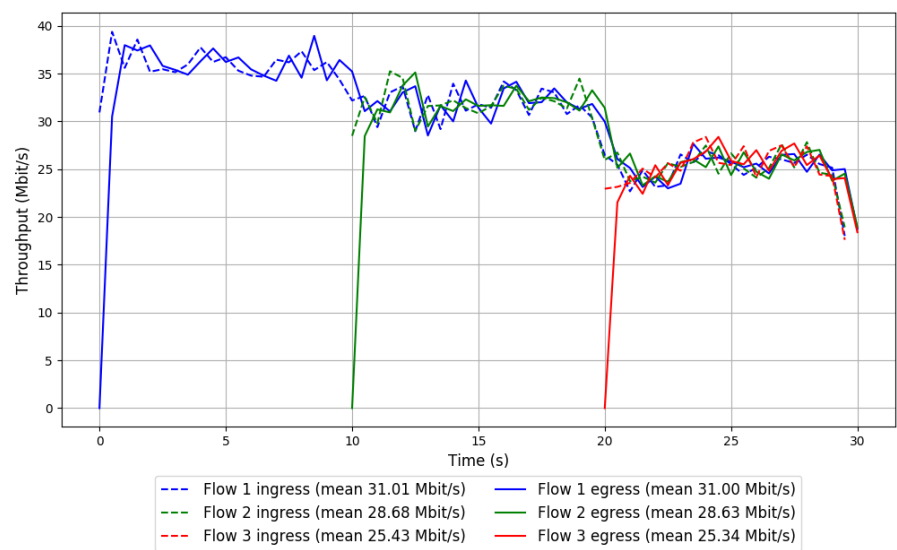


Run 10: Statistics of Sprout

Start at: 2018-08-02 03:12:58
End at: 2018-08-02 03:13:28
Local clock offset: -2.301 ms
Remote clock offset: -4.636 ms

Below is generated by plot.py at 2018-08-02 03:46:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 33.718 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 30.522 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 28.63 Mbit/s
95th percentile per-packet one-way delay: 34.507 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 25.34 Mbit/s
95th percentile per-packet one-way delay: 38.532 ms
Loss rate: 0.28%

Run 10: Report of Sprout — Data Link

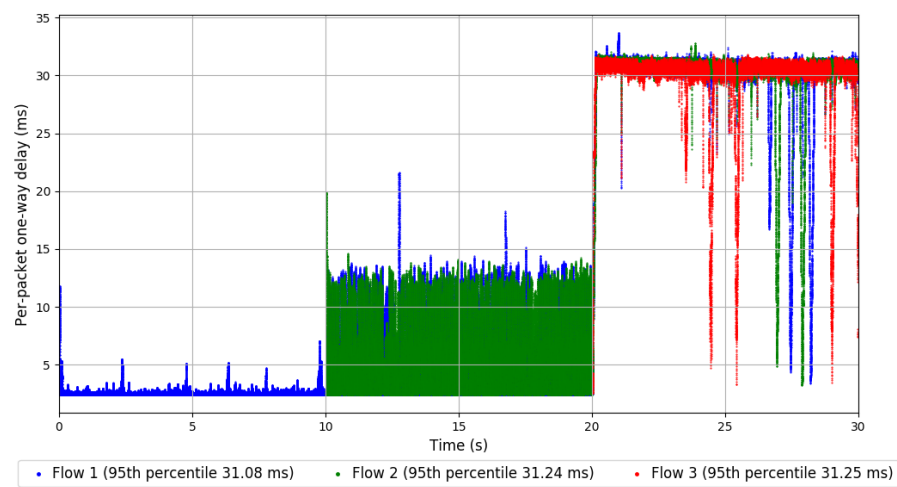
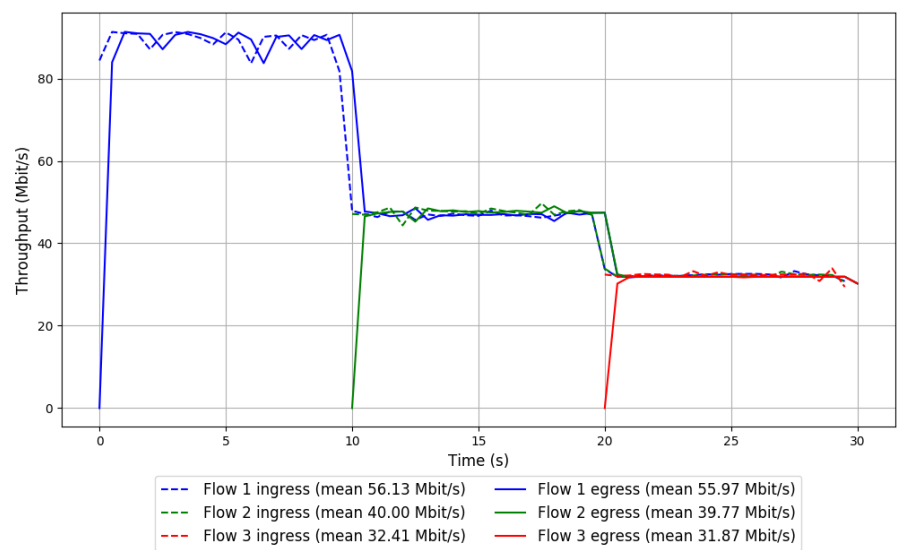


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-02 00:15:17
End at: 2018-08-02 00:15:47
Local clock offset: -4.101 ms
Remote clock offset: -2.535 ms

# Below is generated by plot.py at 2018-08-02 03:47:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 31.169 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 31.076 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 31.241 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 31.247 ms
Loss rate: 1.72%
```

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

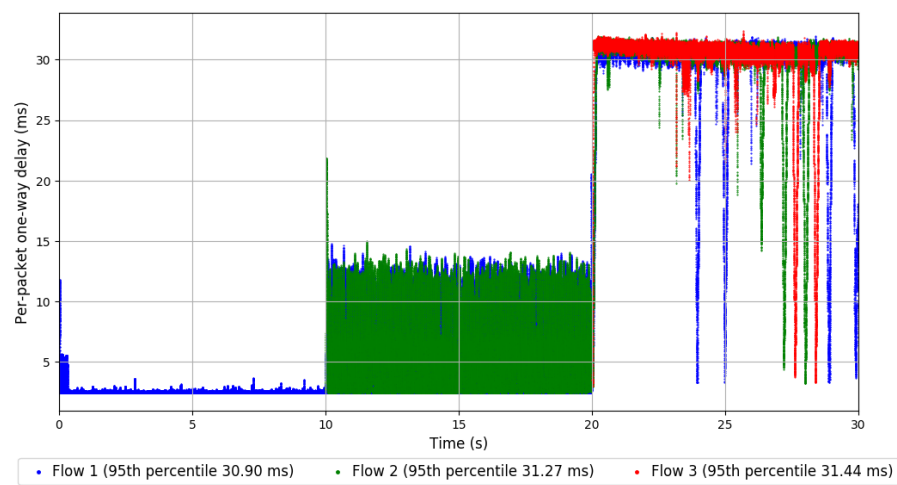
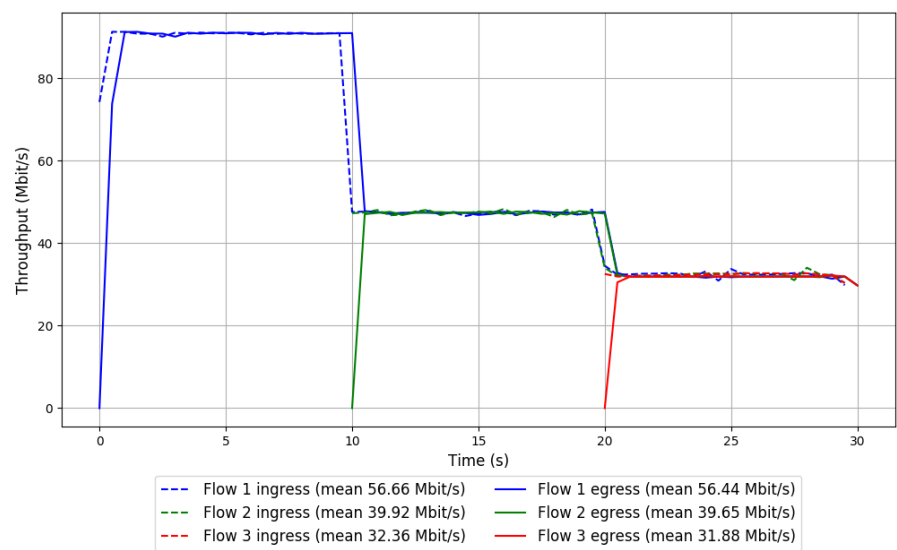


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-02 00:34:28
End at: 2018-08-02 00:34:58
Local clock offset: -3.787 ms
Remote clock offset: -2.206 ms

Below is generated by plot.py at 2018-08-02 03:47:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 31.205 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 30.904 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 31.271 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 31.441 ms
Loss rate: 1.68%

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

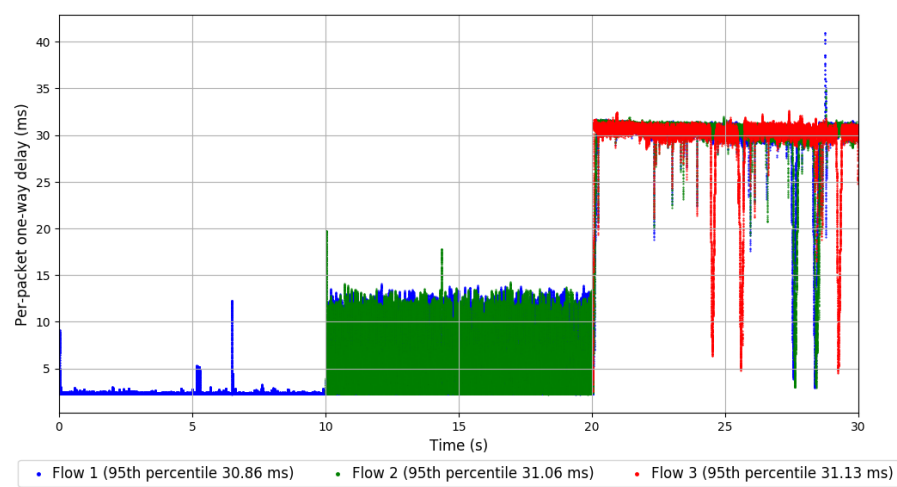
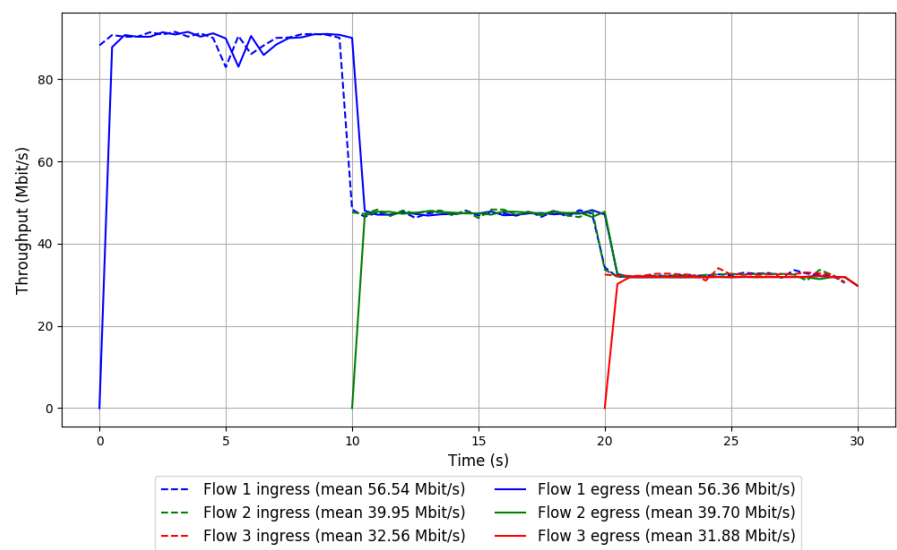


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-02 00:53:38
End at: 2018-08-02 00:54:08
Local clock offset: -3.677 ms
Remote clock offset: -2.163 ms

Below is generated by plot.py at 2018-08-02 03:47:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 30.990 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 56.36 Mbit/s
95th percentile per-packet one-way delay: 30.864 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 31.062 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 31.88 Mbit/s
95th percentile per-packet one-way delay: 31.132 ms
Loss rate: 2.20%

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

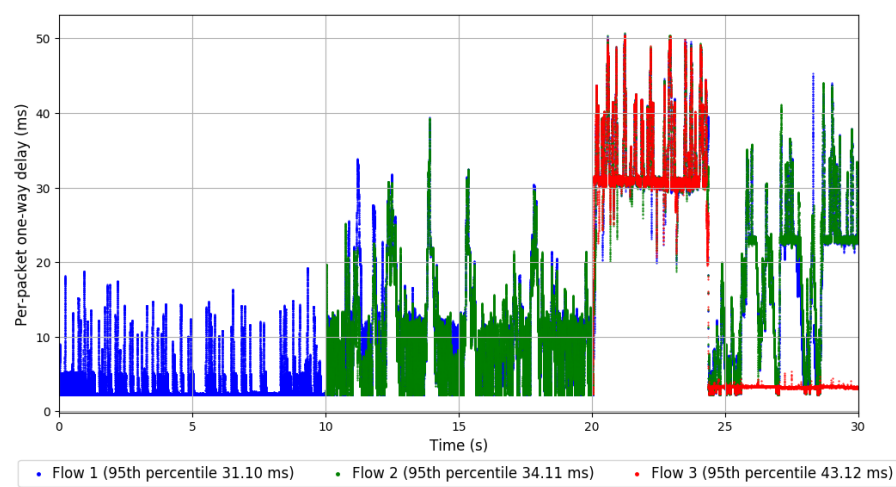
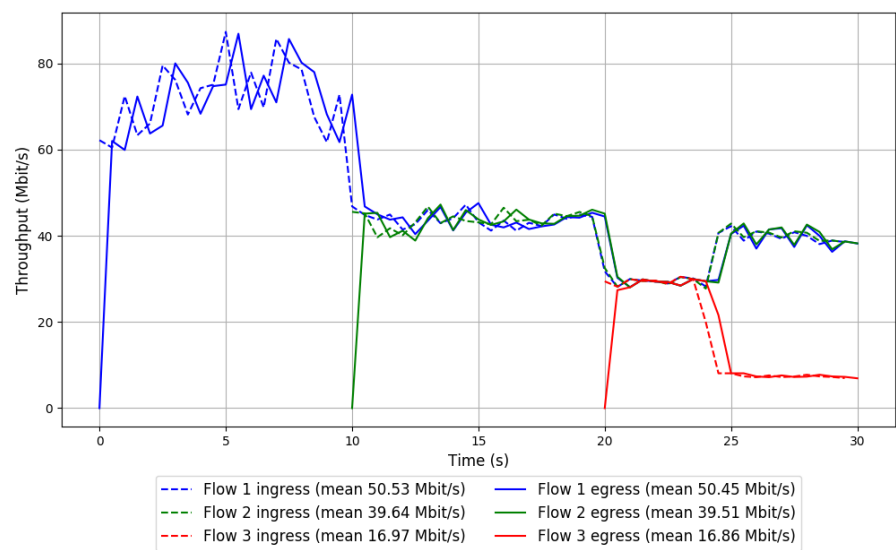


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-02 01:12:46
End at: 2018-08-02 01:13:16
Local clock offset: -2.636 ms
Remote clock offset: -2.848 ms

Below is generated by plot.py at 2018-08-02 03:47:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.37 Mbit/s
95th percentile per-packet one-way delay: 33.394 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 50.45 Mbit/s
95th percentile per-packet one-way delay: 31.099 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 34.106 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 43.117 ms
Loss rate: 0.74%

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

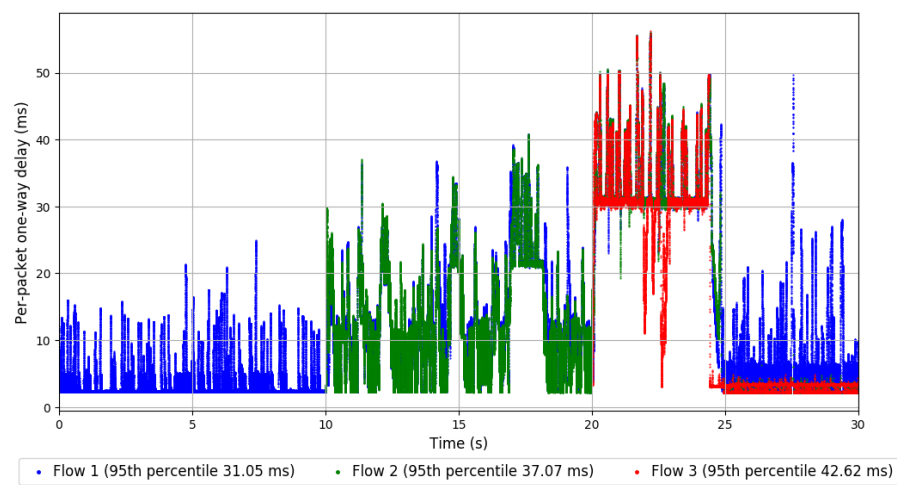
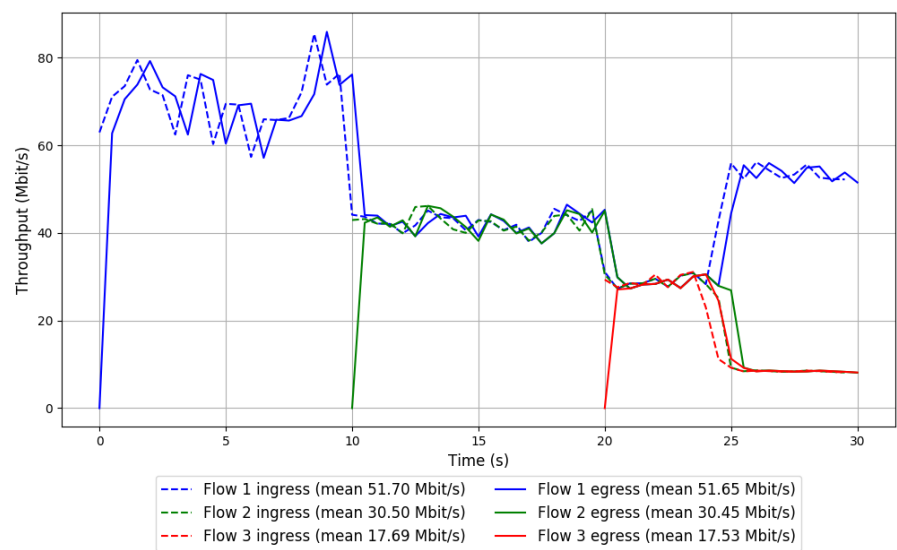


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-02 01:31:52
End at: 2018-08-02 01:32:22
Local clock offset: -2.307 ms
Remote clock offset: -5.072 ms

Below is generated by plot.py at 2018-08-02 03:47:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.76 Mbit/s
95th percentile per-packet one-way delay: 34.121 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 51.65 Mbit/s
95th percentile per-packet one-way delay: 31.050 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 30.45 Mbit/s
95th percentile per-packet one-way delay: 37.068 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 17.53 Mbit/s
95th percentile per-packet one-way delay: 42.625 ms
Loss rate: 0.95%

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

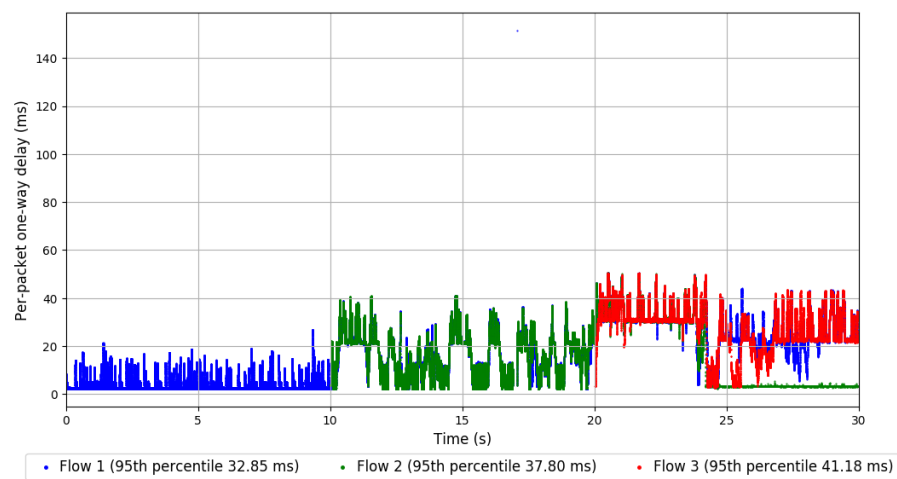
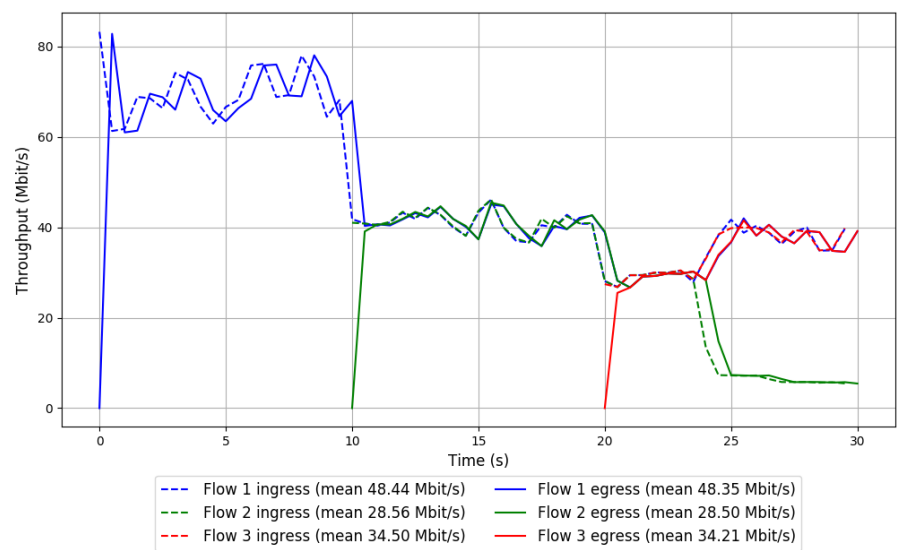


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-02 01:50:56
End at: 2018-08-02 01:51:26
Local clock offset: -2.141 ms
Remote clock offset: -7.434 ms

Below is generated by plot.py at 2018-08-02 03:47:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.68 Mbit/s
95th percentile per-packet one-way delay: 36.474 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 32.855 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 28.50 Mbit/s
95th percentile per-packet one-way delay: 37.805 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 41.184 ms
Loss rate: 0.88%

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

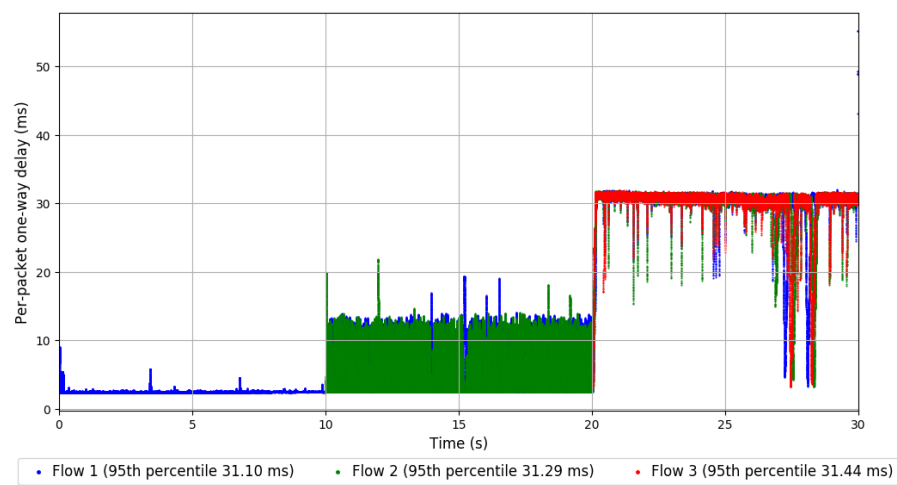
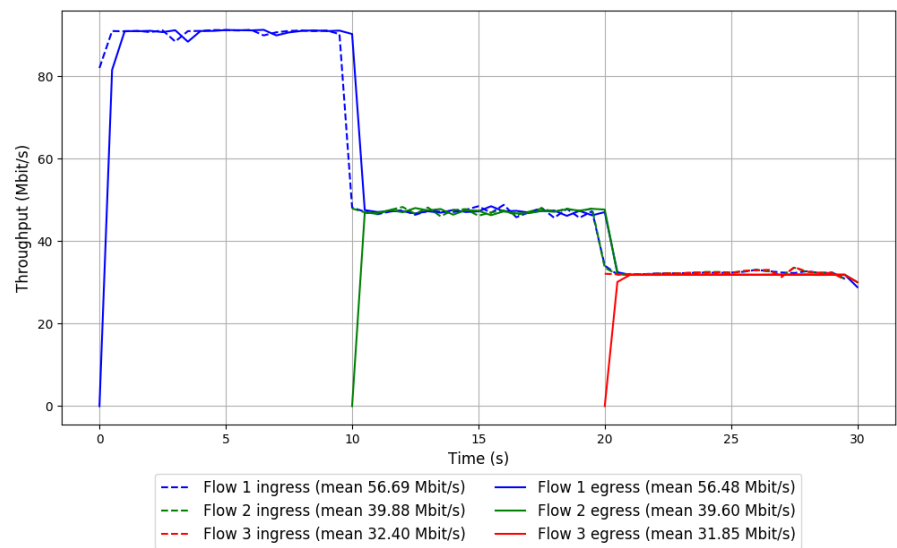


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-02 02:10:04
End at: 2018-08-02 02:10:34
Local clock offset: -2.7 ms
Remote clock offset: -3.802 ms

Below is generated by plot.py at 2018-08-02 03:48:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.43 Mbit/s
95th percentile per-packet one-way delay: 31.259 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 31.101 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 39.60 Mbit/s
95th percentile per-packet one-way delay: 31.290 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 31.443 ms
Loss rate: 1.88%

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

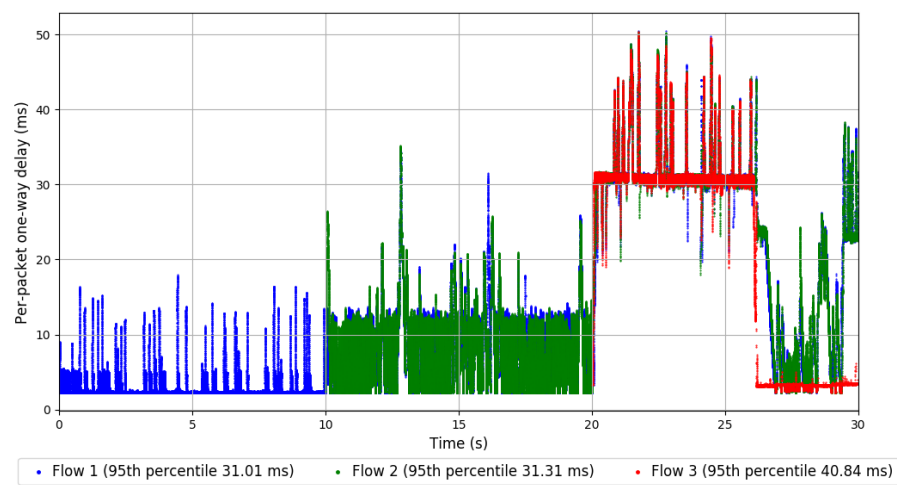
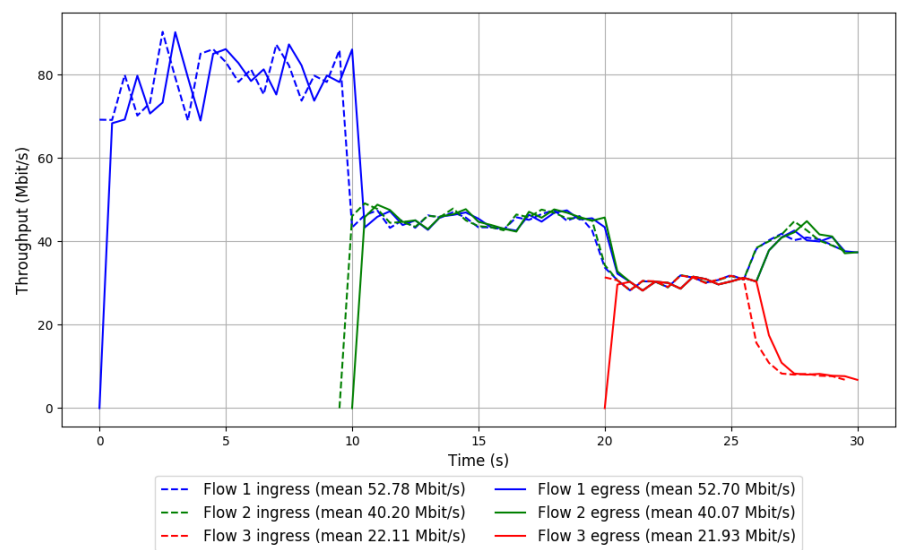


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-02 02:29:13
End at: 2018-08-02 02:29:43
Local clock offset: -2.446 ms
Remote clock offset: -2.102 ms

Below is generated by plot.py at 2018-08-02 03:48:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.68 Mbit/s
95th percentile per-packet one-way delay: 31.260 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 52.70 Mbit/s
95th percentile per-packet one-way delay: 31.009 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 31.311 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 21.93 Mbit/s
95th percentile per-packet one-way delay: 40.845 ms
Loss rate: 0.86%

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

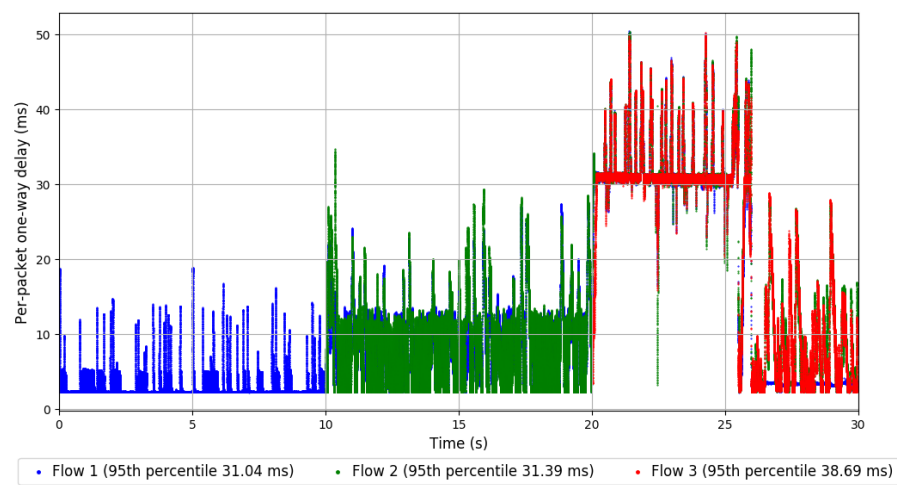
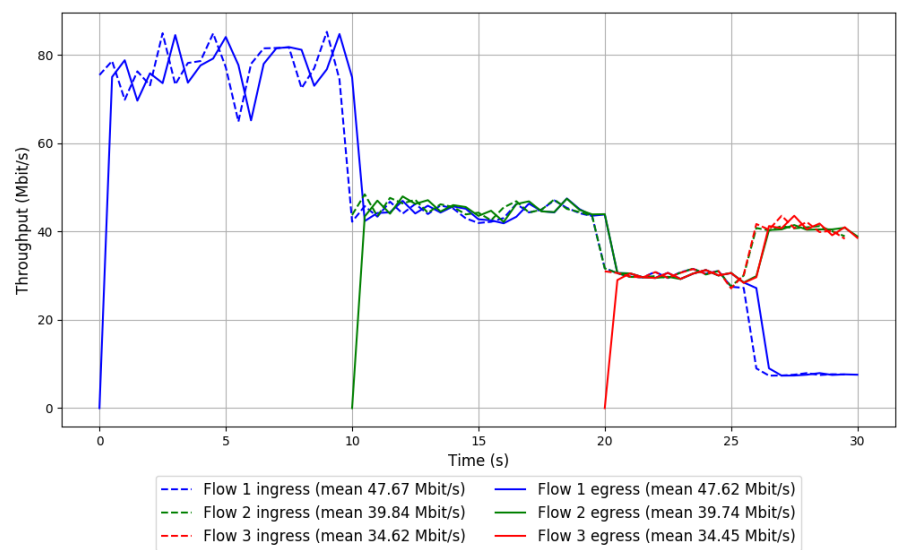


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-02 02:48:21
End at: 2018-08-02 02:48:51
Local clock offset: -2.049 ms
Remote clock offset: -2.157 ms

Below is generated by plot.py at 2018-08-02 03:49:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.53 Mbit/s
95th percentile per-packet one-way delay: 31.297 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 47.62 Mbit/s
95th percentile per-packet one-way delay: 31.039 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 31.385 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 34.45 Mbit/s
95th percentile per-packet one-way delay: 38.686 ms
Loss rate: 0.54%

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

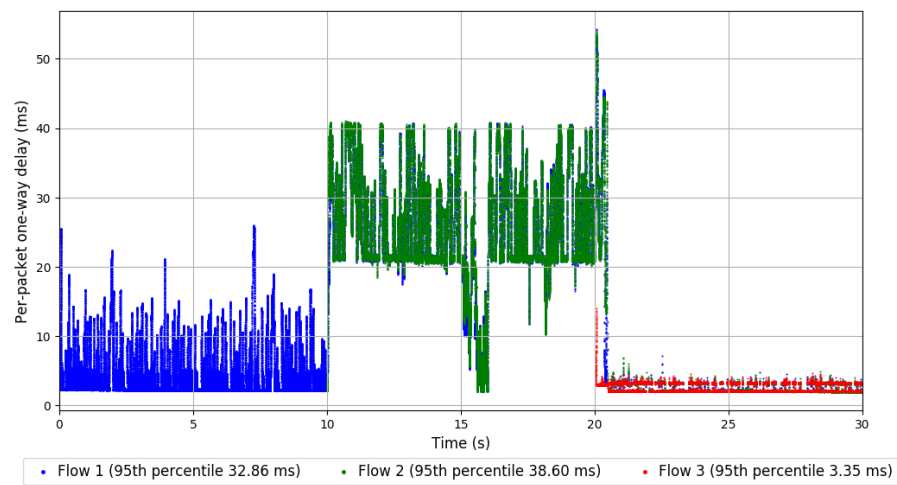
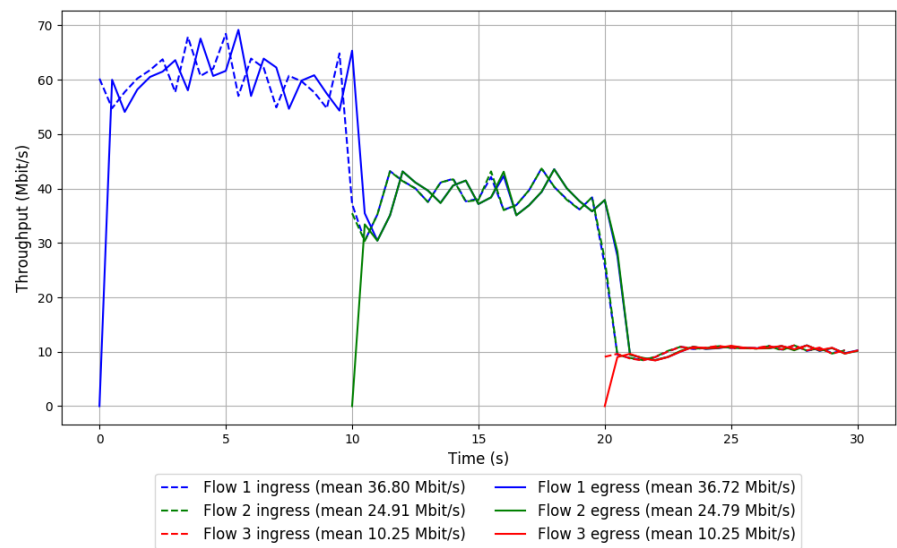


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-02 03:07:26
End at: 2018-08-02 03:07:56
Local clock offset: -2.283 ms
Remote clock offset: -2.184 ms

Below is generated by plot.py at 2018-08-02 03:49:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 34.857 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 32.857 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 38.602 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 10.25 Mbit/s
95th percentile per-packet one-way delay: 3.345 ms
Loss rate: 0.05%

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

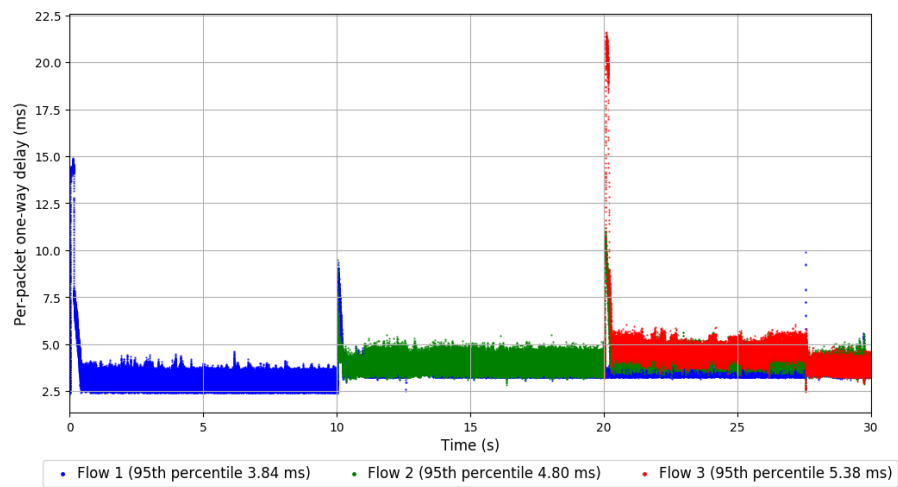
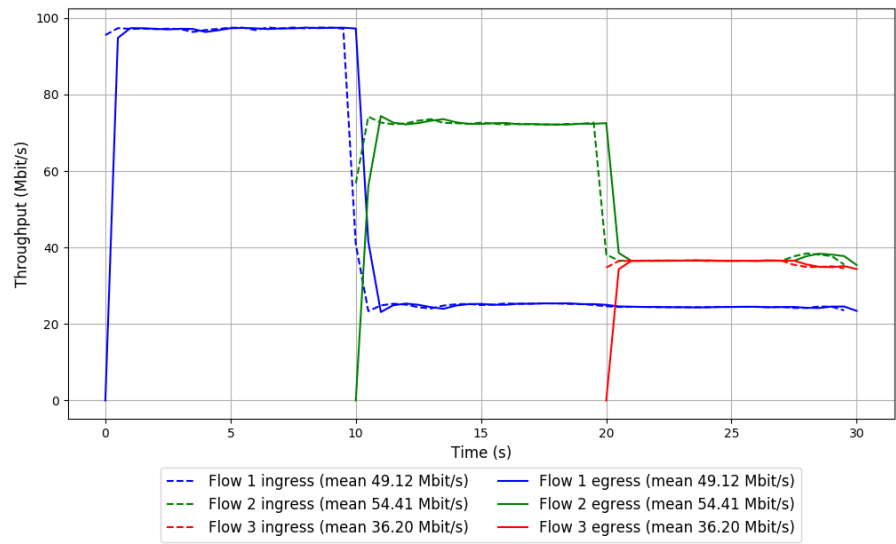


Run 1: Statistics of TCP Vegas

Start at: 2018-08-02 00:24:12
End at: 2018-08-02 00:24:42
Local clock offset: -4.008 ms
Remote clock offset: -2.383 ms

Below is generated by plot.py at 2018-08-02 03:49:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 4.927 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 49.12 Mbit/s
95th percentile per-packet one-way delay: 3.840 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 4.800 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 36.20 Mbit/s
95th percentile per-packet one-way delay: 5.381 ms
Loss rate: 0.07%

Run 1: Report of TCP Vegas — Data Link

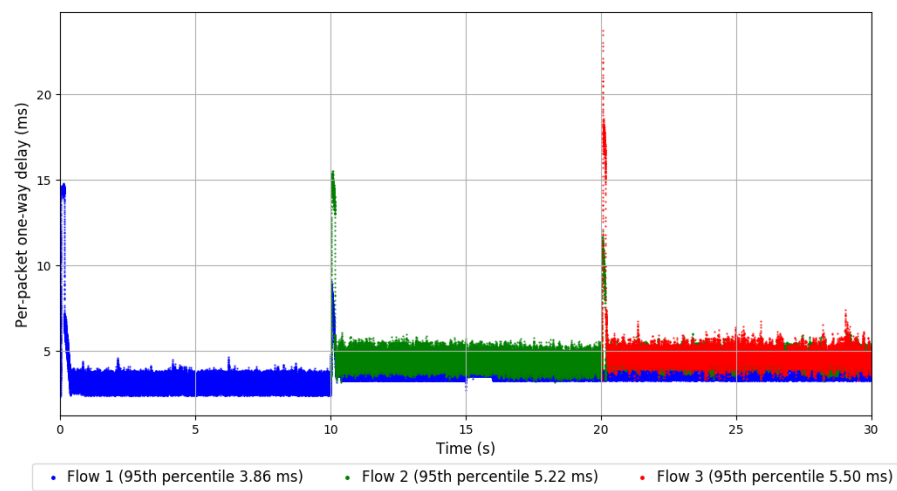
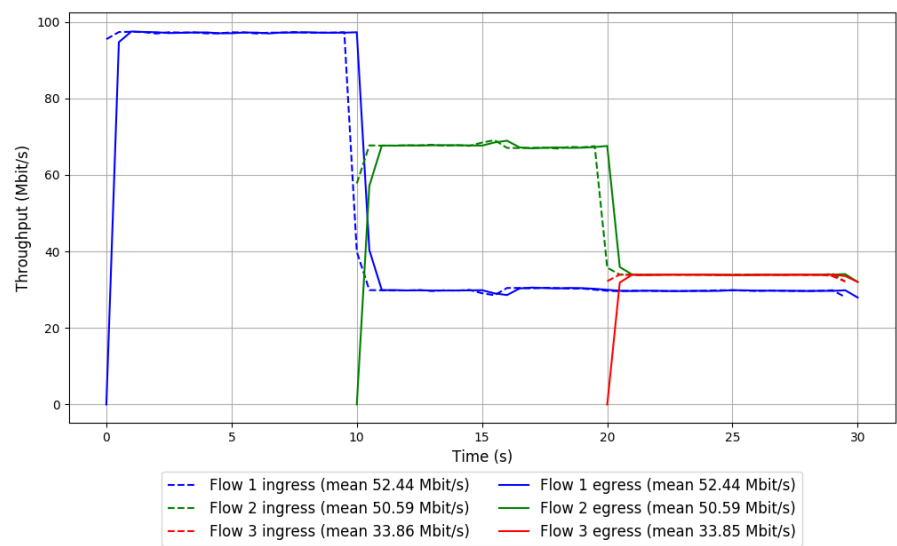


Run 2: Statistics of TCP Vegas

Start at: 2018-08-02 00:43:23
End at: 2018-08-02 00:43:53
Local clock offset: -3.81 ms
Remote clock offset: -1.985 ms

Below is generated by plot.py at 2018-08-02 03:49:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 5.181 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.44 Mbit/s
95th percentile per-packet one-way delay: 3.858 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.59 Mbit/s
95th percentile per-packet one-way delay: 5.224 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 5.500 ms
Loss rate: 0.07%

Run 2: Report of TCP Vegas — Data Link

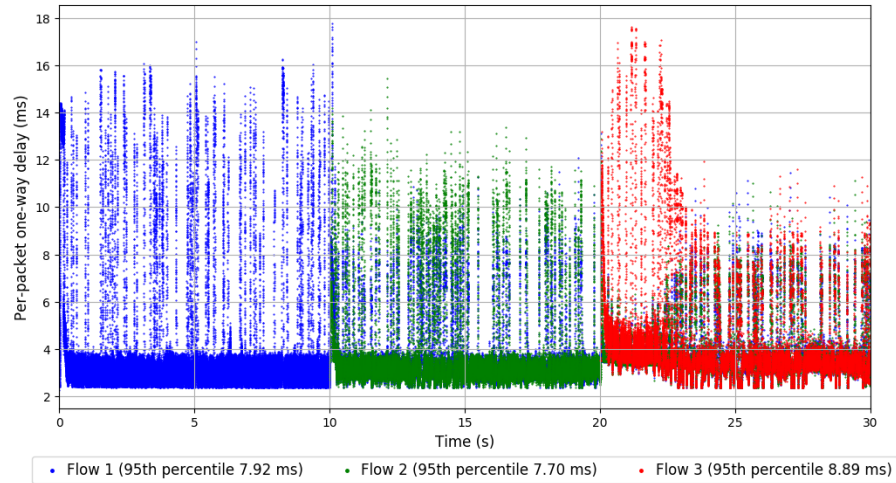
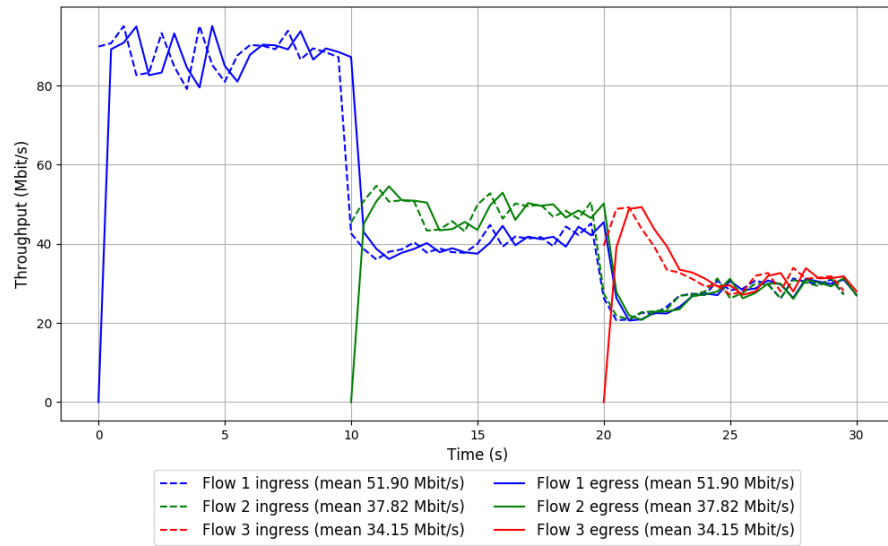


Run 3: Statistics of TCP Vegas

Start at: 2018-08-02 01:02:33
End at: 2018-08-02 01:03:03
Local clock offset: -2.921 ms
Remote clock offset: -2.714 ms

Below is generated by plot.py at 2018-08-02 03:49:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 8.035 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 51.90 Mbit/s
95th percentile per-packet one-way delay: 7.915 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 7.701 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.15 Mbit/s
95th percentile per-packet one-way delay: 8.890 ms
Loss rate: 0.06%

Run 3: Report of TCP Vegas — Data Link

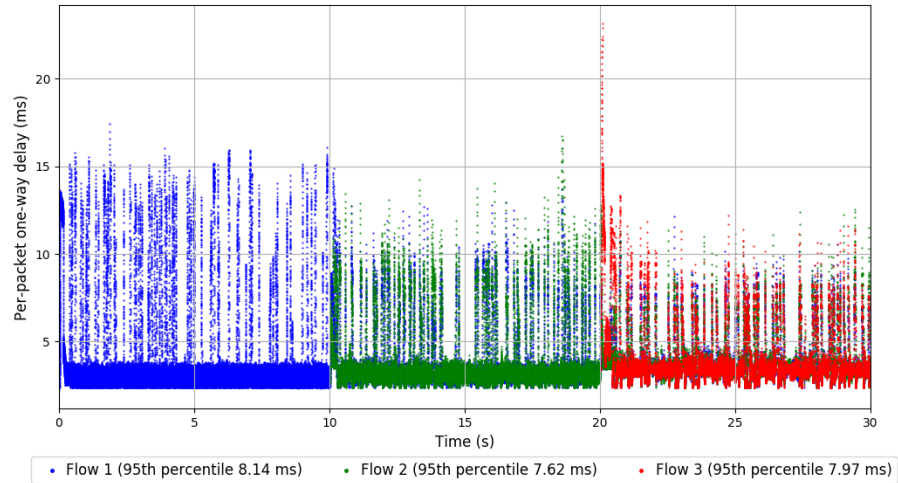
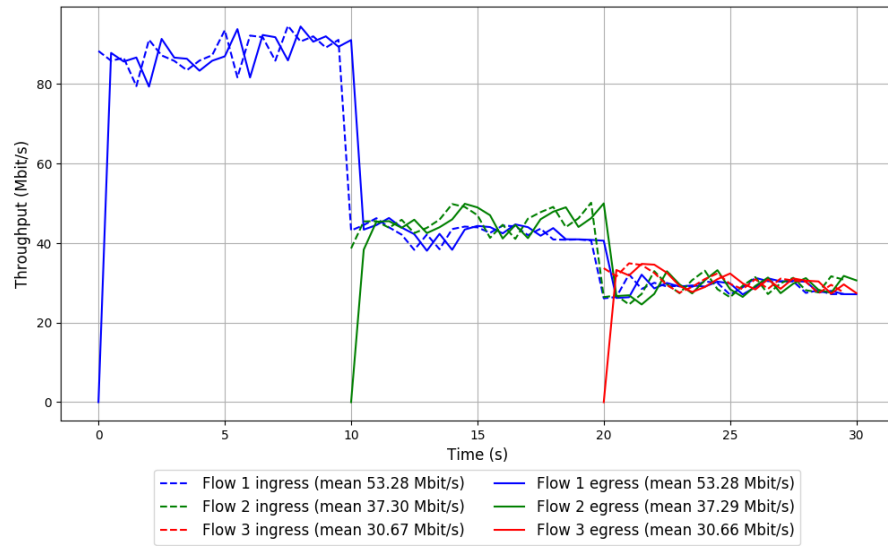


Run 4: Statistics of TCP Vegas

Start at: 2018-08-02 01:21:39
End at: 2018-08-02 01:22:09
Local clock offset: -2.419 ms
Remote clock offset: -2.852 ms

Below is generated by plot.py at 2018-08-02 03:49:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 7.990 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 53.28 Mbit/s
95th percentile per-packet one-way delay: 8.141 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 37.29 Mbit/s
95th percentile per-packet one-way delay: 7.621 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 7.970 ms
Loss rate: 0.06%

Run 4: Report of TCP Vegas — Data Link

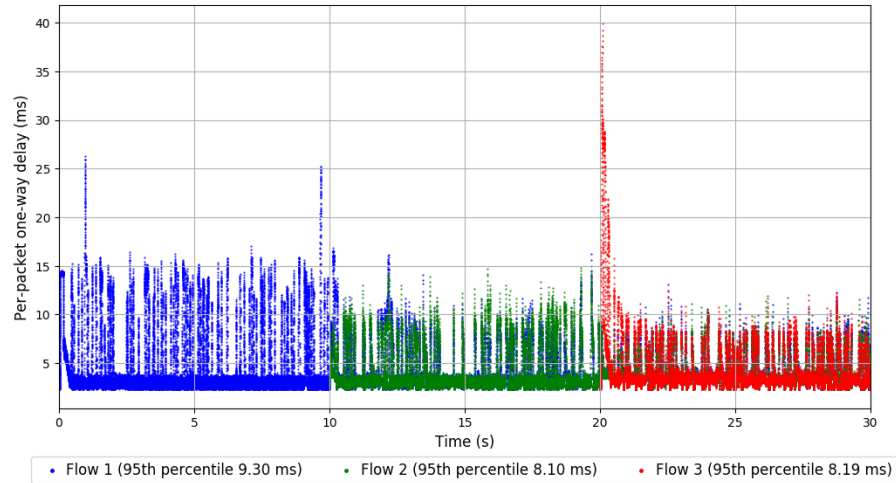
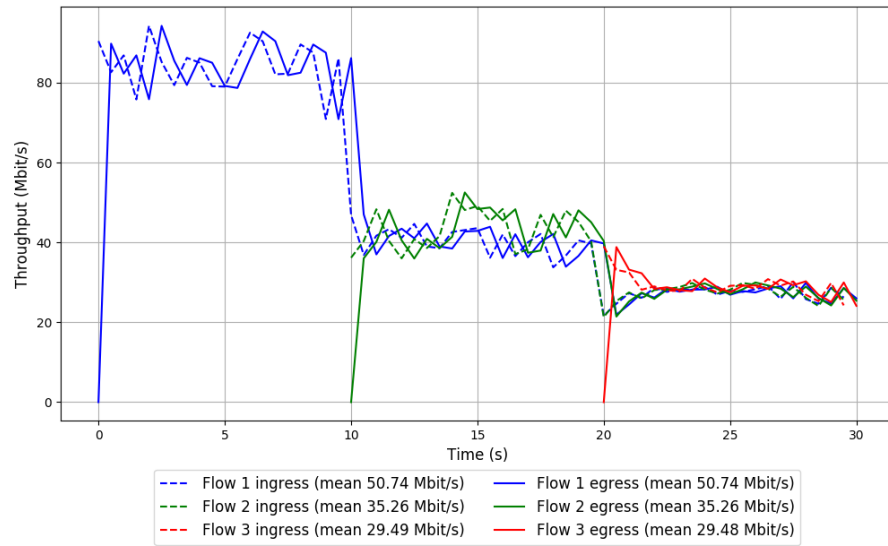


Run 5: Statistics of TCP Vegas

Start at: 2018-08-02 01:40:43
End at: 2018-08-02 01:41:13
Local clock offset: -2.209 ms
Remote clock offset: -6.511 ms

Below is generated by plot.py at 2018-08-02 03:49:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.03 Mbit/s
95th percentile per-packet one-way delay: 8.629 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.74 Mbit/s
95th percentile per-packet one-way delay: 9.304 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 35.26 Mbit/s
95th percentile per-packet one-way delay: 8.102 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 8.188 ms
Loss rate: 0.07%

Run 5: Report of TCP Vegas — Data Link

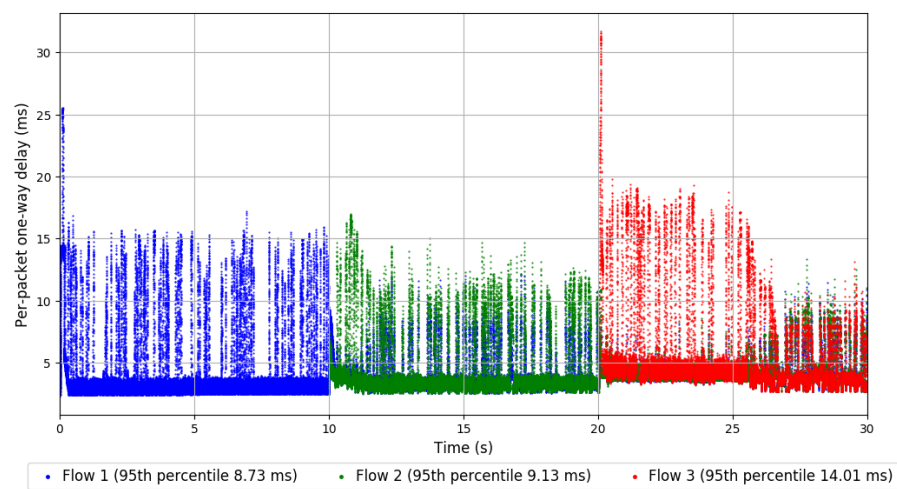
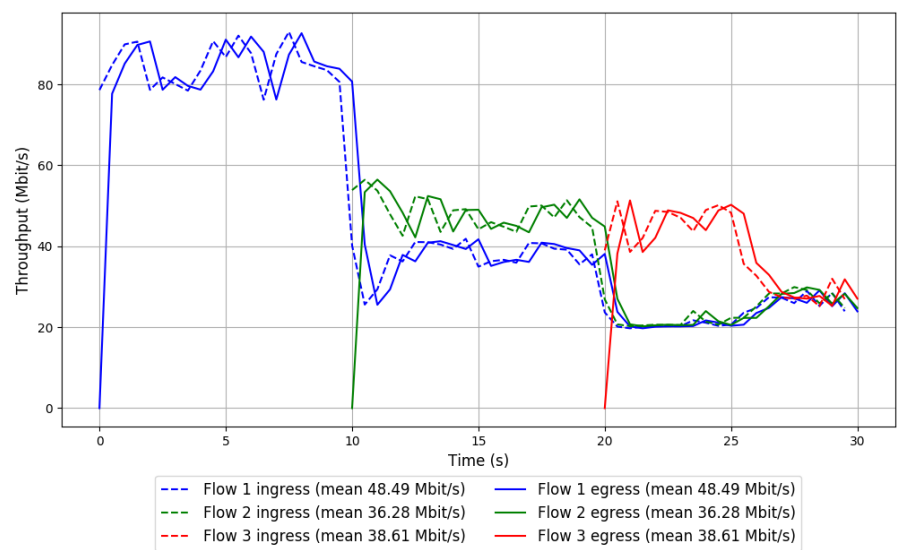


Run 6: Statistics of TCP Vegas

Start at: 2018-08-02 01:59:49
End at: 2018-08-02 02:00:19
Local clock offset: -2.495 ms
Remote clock offset: -7.379 ms

Below is generated by plot.py at 2018-08-02 03:49:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 9.586 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 48.49 Mbit/s
95th percentile per-packet one-way delay: 8.726 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 9.129 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 14.009 ms
Loss rate: 0.04%

Run 6: Report of TCP Vegas — Data Link

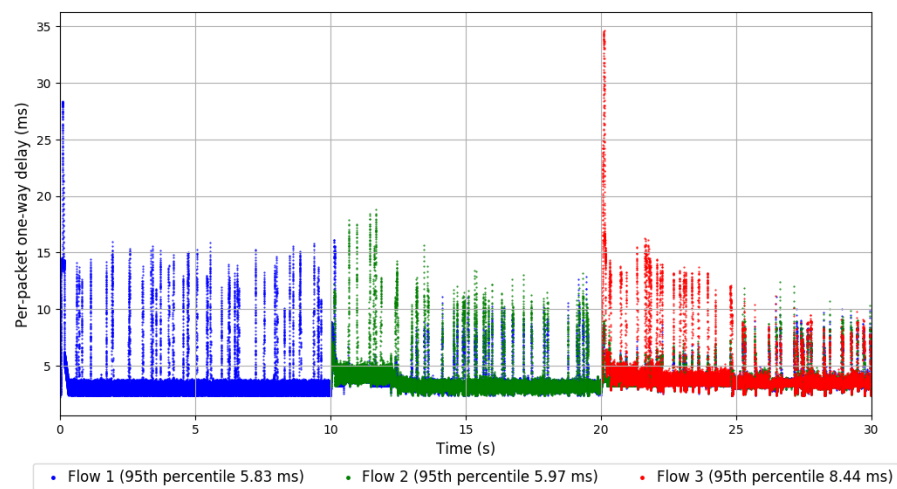
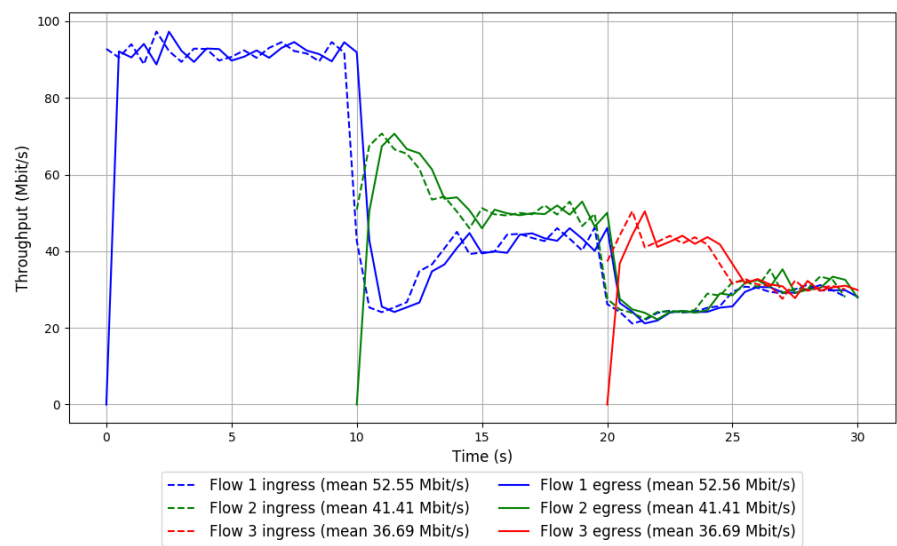


Run 7: Statistics of TCP Vegas

Start at: 2018-08-02 02:18:59
End at: 2018-08-02 02:19:29
Local clock offset: -2.855 ms
Remote clock offset: -2.701 ms

Below is generated by plot.py at 2018-08-02 03:49:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.33 Mbit/s
95th percentile per-packet one-way delay: 6.268 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.56 Mbit/s
95th percentile per-packet one-way delay: 5.833 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 5.969 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 36.69 Mbit/s
95th percentile per-packet one-way delay: 8.443 ms
Loss rate: 0.05%

Run 7: Report of TCP Vegas — Data Link

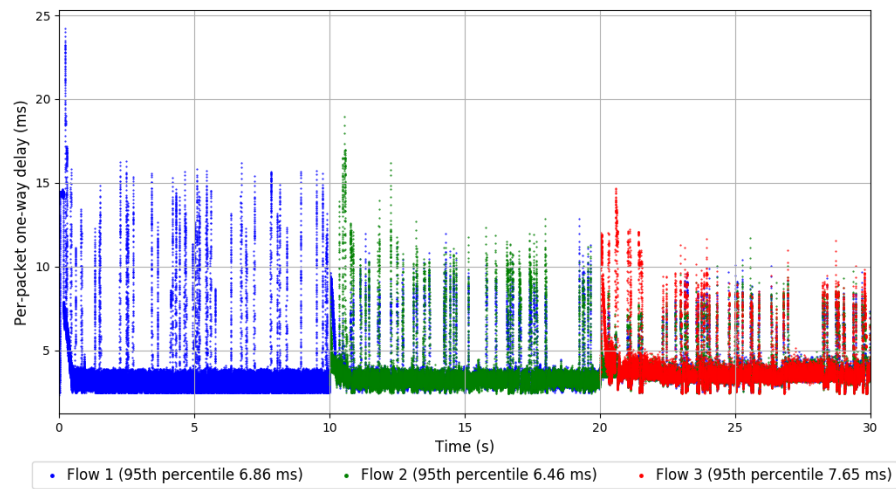
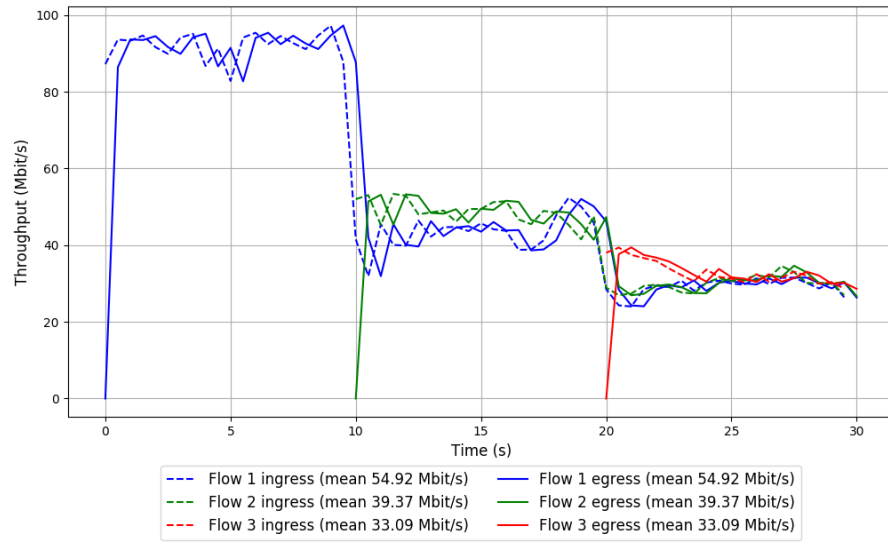


Run 8: Statistics of TCP Vegas

Start at: 2018-08-02 02:38:07
End at: 2018-08-02 02:38:37
Local clock offset: -2.142 ms
Remote clock offset: -2.227 ms

Below is generated by plot.py at 2018-08-02 03:49:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: 6.921 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.92 Mbit/s
95th percentile per-packet one-way delay: 6.862 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 39.37 Mbit/s
95th percentile per-packet one-way delay: 6.457 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 33.09 Mbit/s
95th percentile per-packet one-way delay: 7.653 ms
Loss rate: 0.06%

Run 8: Report of TCP Vegas — Data Link

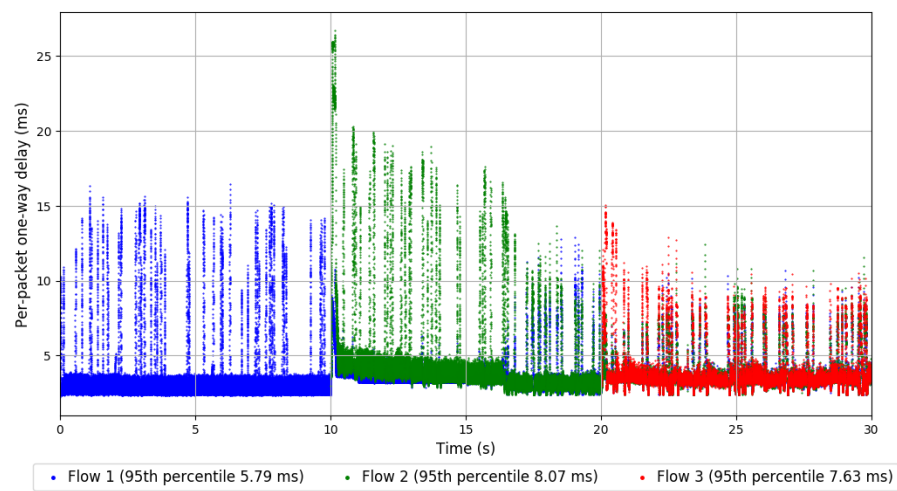
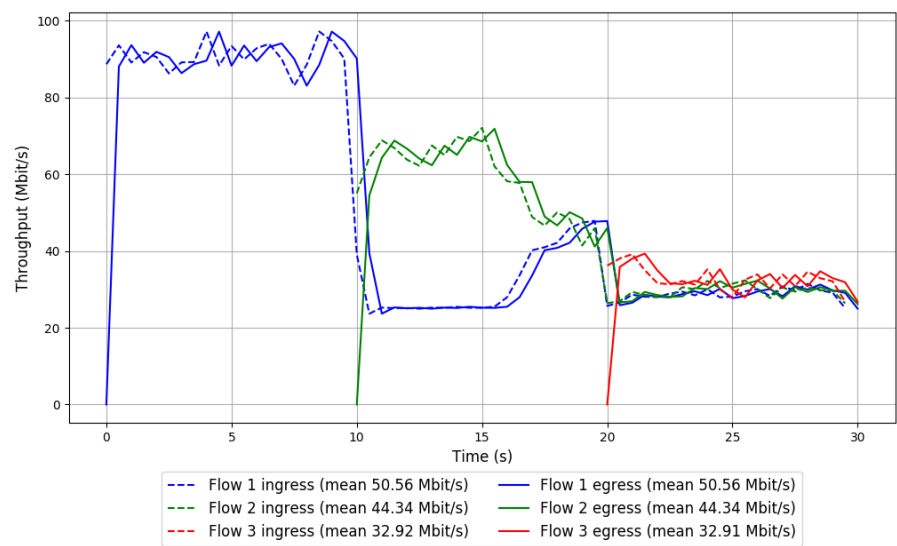


Run 9: Statistics of TCP Vegas

Start at: 2018-08-02 02:57:13
End at: 2018-08-02 02:57:43
Local clock offset: -2.126 ms
Remote clock offset: -2.106 ms

Below is generated by plot.py at 2018-08-02 03:49:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 6.972 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 50.56 Mbit/s
95th percentile per-packet one-way delay: 5.792 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 44.34 Mbit/s
95th percentile per-packet one-way delay: 8.069 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 32.91 Mbit/s
95th percentile per-packet one-way delay: 7.633 ms
Loss rate: 0.06%

Run 9: Report of TCP Vegas — Data Link

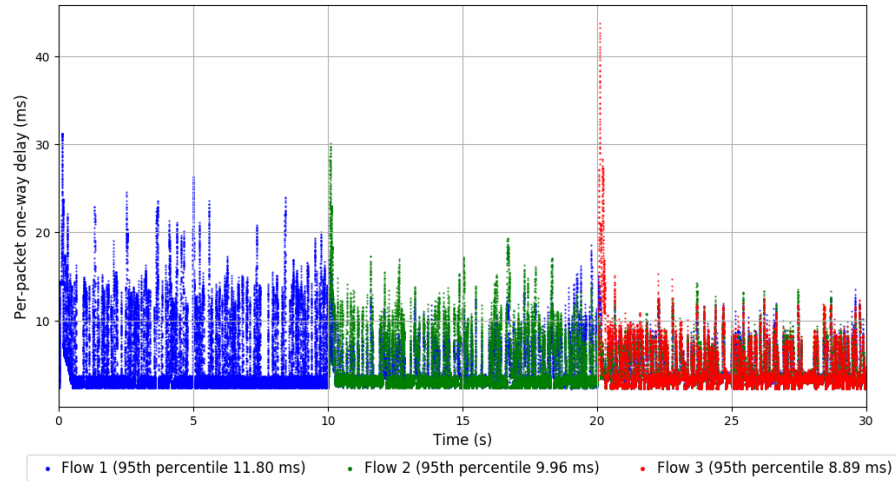
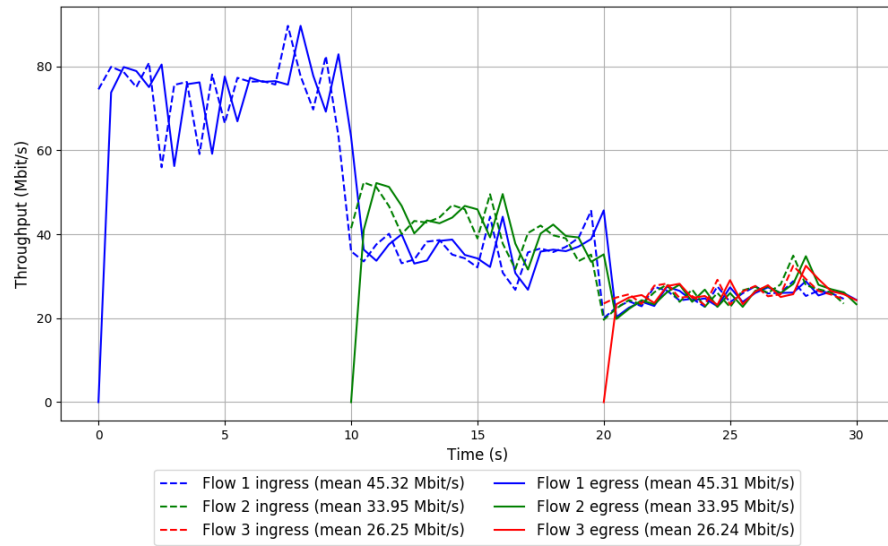


Run 10: Statistics of TCP Vegas

Start at: 2018-08-02 03:16:15
End at: 2018-08-02 03:16:45
Local clock offset: -2.304 ms
Remote clock offset: -5.726 ms

Below is generated by plot.py at 2018-08-02 03:49:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.64 Mbit/s
95th percentile per-packet one-way delay: 10.914 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 45.31 Mbit/s
95th percentile per-packet one-way delay: 11.805 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.95 Mbit/s
95th percentile per-packet one-way delay: 9.965 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 26.24 Mbit/s
95th percentile per-packet one-way delay: 8.895 ms
Loss rate: 0.07%

Run 10: Report of TCP Vegas — Data Link

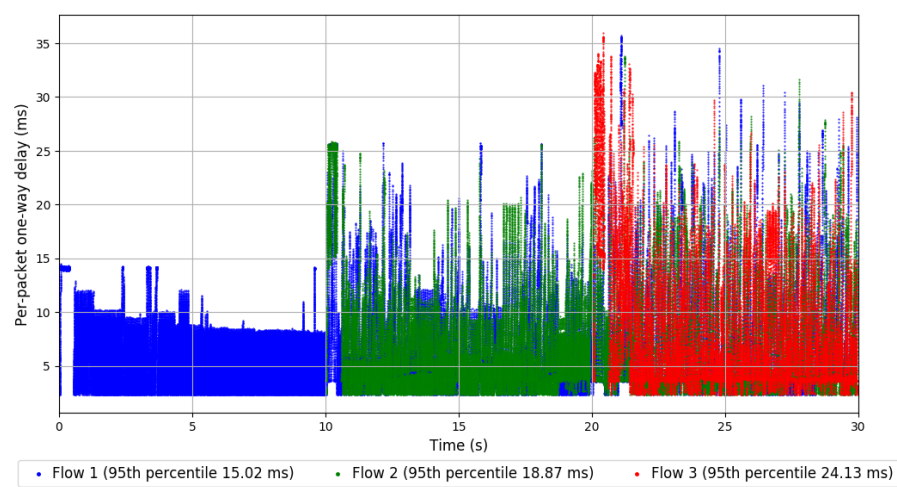
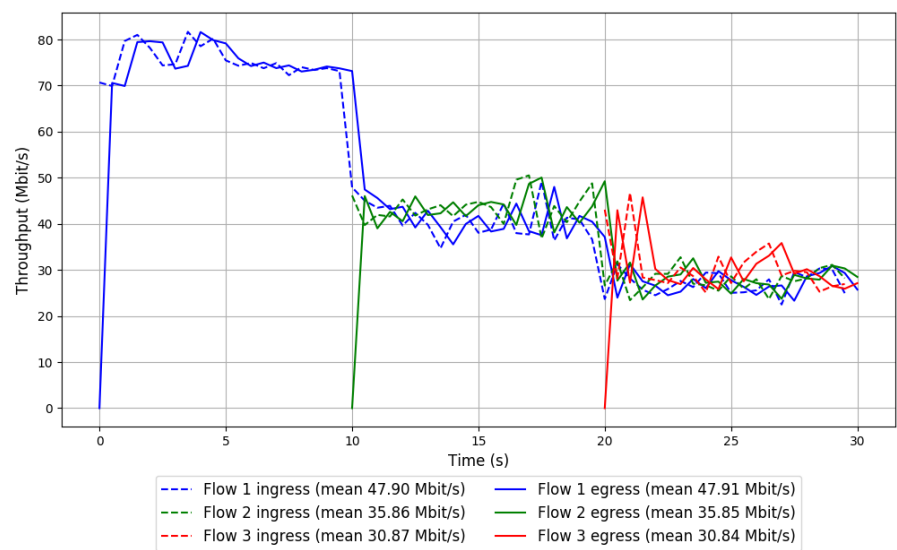


Run 1: Statistics of Verus

Start at: 2018-08-02 00:26:27
End at: 2018-08-02 00:26:57
Local clock offset: -3.984 ms
Remote clock offset: -2.332 ms

Below is generated by plot.py at 2018-08-02 03:49:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.00 Mbit/s
95th percentile per-packet one-way delay: 18.038 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 47.91 Mbit/s
95th percentile per-packet one-way delay: 15.017 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.85 Mbit/s
95th percentile per-packet one-way delay: 18.874 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.84 Mbit/s
95th percentile per-packet one-way delay: 24.129 ms
Loss rate: 0.07%

Run 1: Report of Verus — Data Link

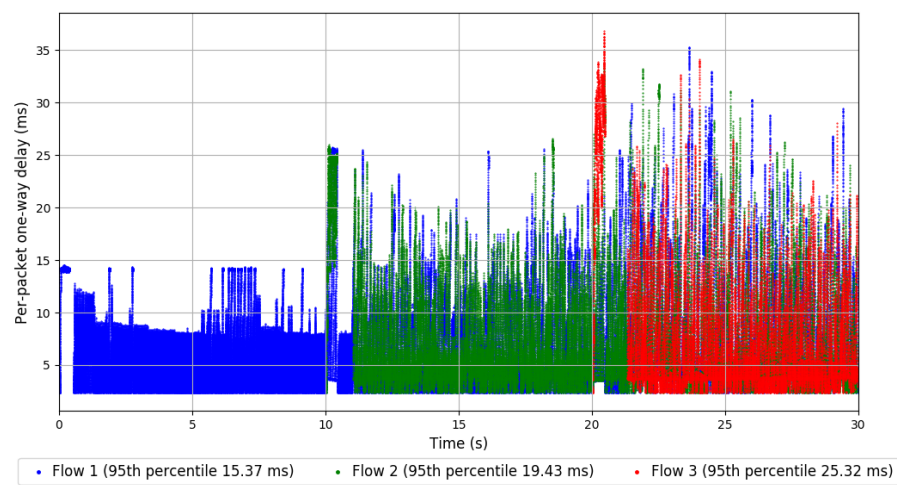
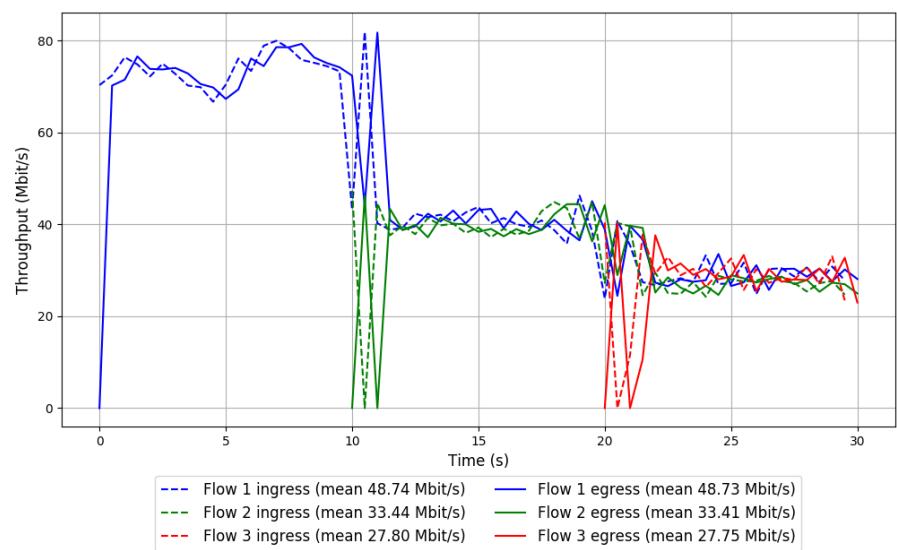


Run 2: Statistics of Verus

Start at: 2018-08-02 00:45:37
End at: 2018-08-02 00:46:07
Local clock offset: -3.88 ms
Remote clock offset: -1.926 ms

Below is generated by plot.py at 2018-08-02 03:50:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.18 Mbit/s
95th percentile per-packet one-way delay: 17.911 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 48.73 Mbit/s
95th percentile per-packet one-way delay: 15.369 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.41 Mbit/s
95th percentile per-packet one-way delay: 19.427 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 27.75 Mbit/s
95th percentile per-packet one-way delay: 25.325 ms
Loss rate: 0.22%

Run 2: Report of Verus — Data Link

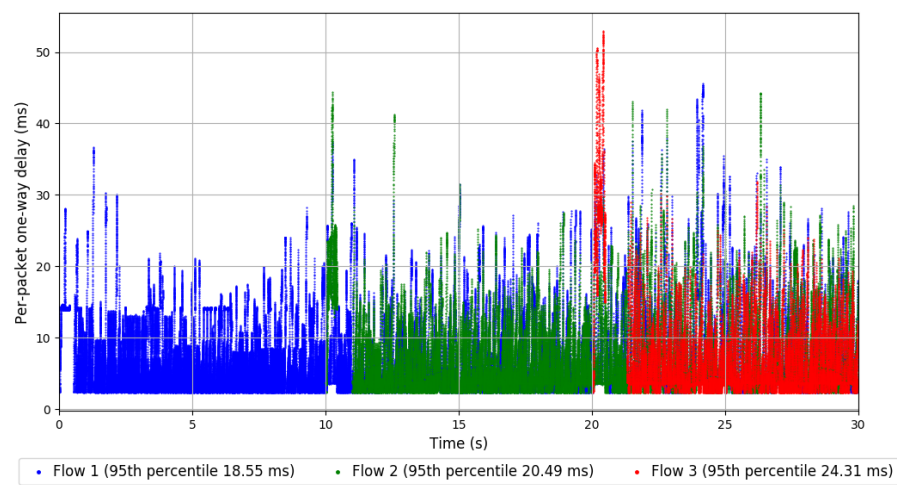
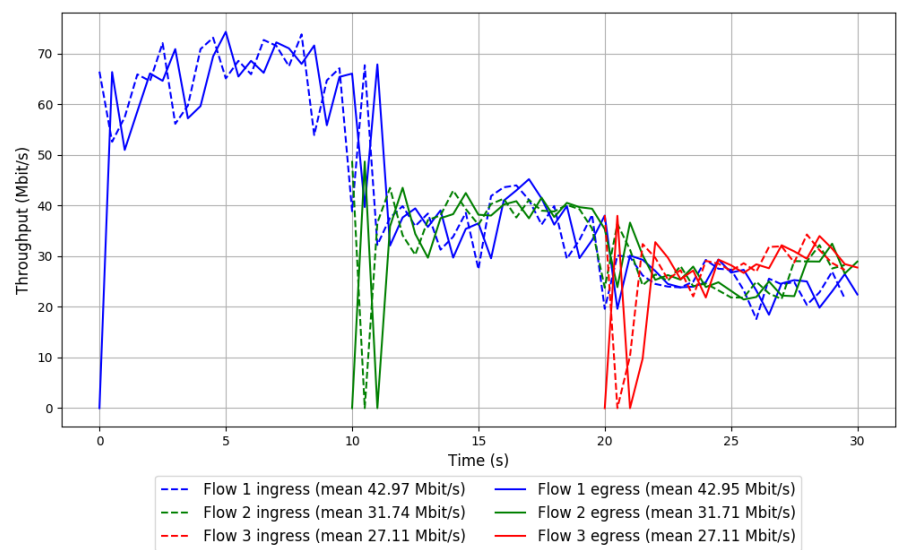


Run 3: Statistics of Verus

Start at: 2018-08-02 01:04:47
End at: 2018-08-02 01:05:17
Local clock offset: -2.83 ms
Remote clock offset: -2.723 ms

Below is generated by plot.py at 2018-08-02 03:50:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.06 Mbit/s
95th percentile per-packet one-way delay: 19.756 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 42.95 Mbit/s
95th percentile per-packet one-way delay: 18.554 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 20.493 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 27.11 Mbit/s
95th percentile per-packet one-way delay: 24.306 ms
Loss rate: 0.03%

Run 3: Report of Verus — Data Link

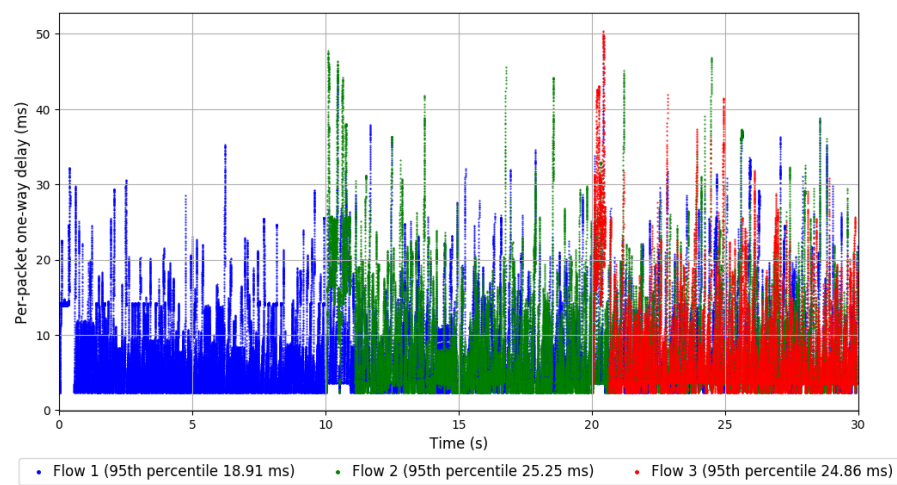
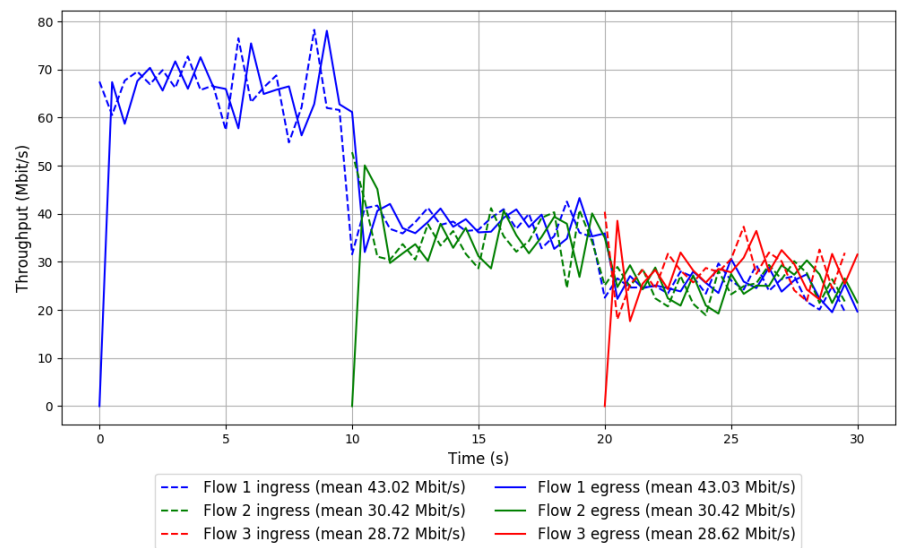


Run 4: Statistics of Verus

Start at: 2018-08-02 01:23:54
End at: 2018-08-02 01:24:24
Local clock offset: -2.394 ms
Remote clock offset: -2.879 ms

Below is generated by plot.py at 2018-08-02 03:50:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.77 Mbit/s
95th percentile per-packet one-way delay: 22.064 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 43.03 Mbit/s
95th percentile per-packet one-way delay: 18.913 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 30.42 Mbit/s
95th percentile per-packet one-way delay: 25.250 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 28.62 Mbit/s
95th percentile per-packet one-way delay: 24.855 ms
Loss rate: 0.40%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-08-02 01:42:57

End at: 2018-08-02 01:43:27

Local clock offset: -2.204 ms

Remote clock offset: -6.81 ms

Below is generated by plot.py at 2018-08-02 03:50:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.60 Mbit/s

95th percentile per-packet one-way delay: 21.741 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 41.51 Mbit/s

95th percentile per-packet one-way delay: 19.937 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 29.40 Mbit/s

95th percentile per-packet one-way delay: 22.901 ms

Loss rate: 0.01%

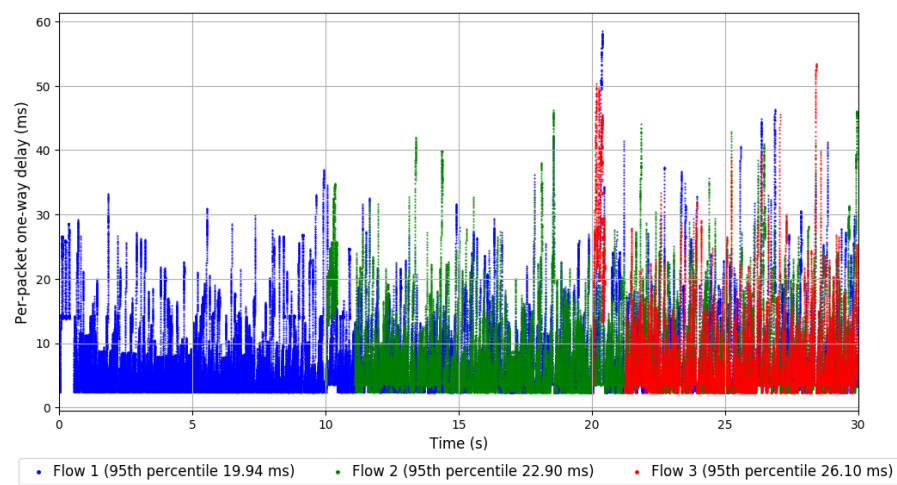
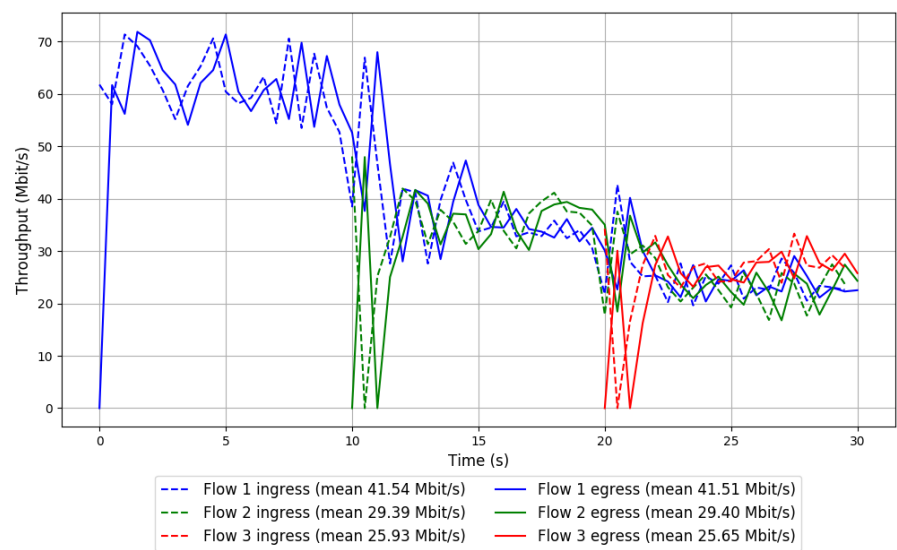
-- Flow 3:

Average throughput: 25.65 Mbit/s

95th percentile per-packet one-way delay: 26.099 ms

Loss rate: 1.05%

Run 5: Report of Verus — Data Link

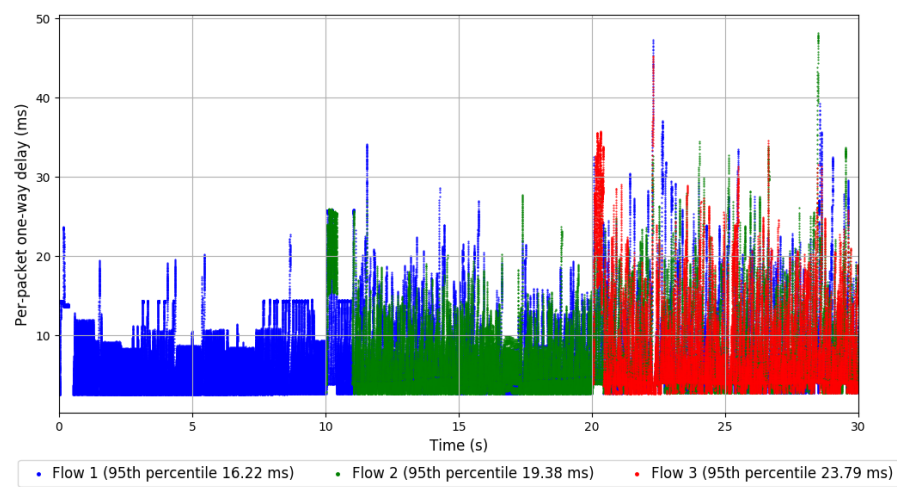
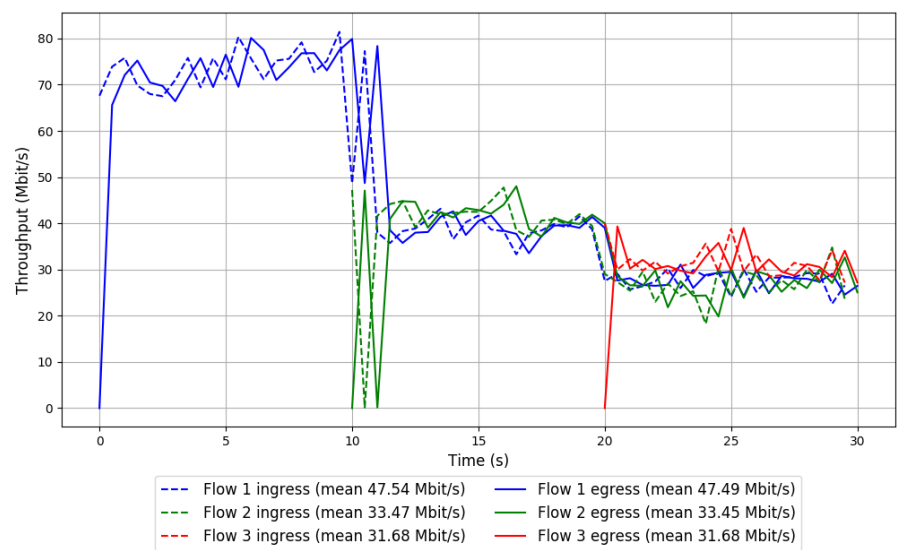


Run 6: Statistics of Verus

Start at: 2018-08-02 02:02:03
End at: 2018-08-02 02:02:33
Local clock offset: -2.648 ms
Remote clock offset: -6.347 ms

Below is generated by plot.py at 2018-08-02 03:50:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.28 Mbit/s
95th percentile per-packet one-way delay: 18.412 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 47.49 Mbit/s
95th percentile per-packet one-way delay: 16.221 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.45 Mbit/s
95th percentile per-packet one-way delay: 19.380 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 23.793 ms
Loss rate: 0.07%

Run 6: Report of Verus — Data Link

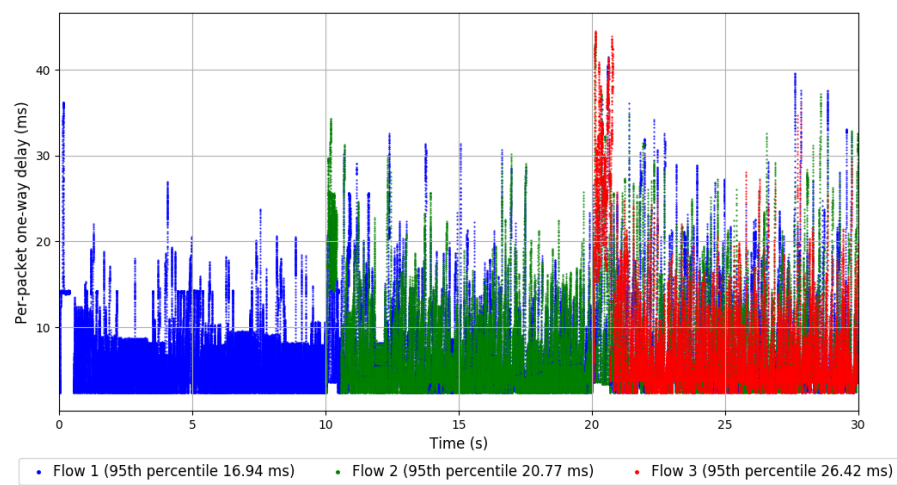
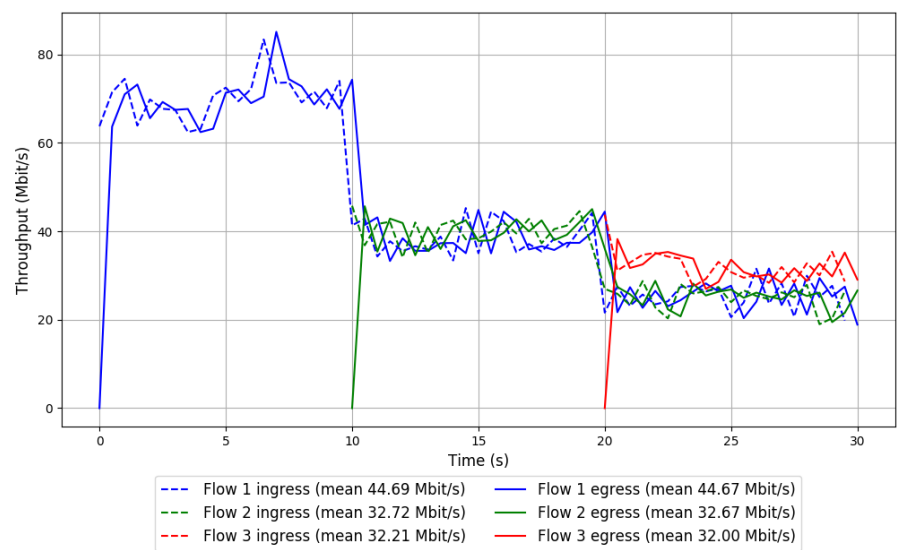


Run 7: Statistics of Verus

Start at: 2018-08-02 02:21:13
End at: 2018-08-02 02:21:43
Local clock offset: -2.785 ms
Remote clock offset: -2.468 ms

Below is generated by plot.py at 2018-08-02 03:50:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.05 Mbit/s
95th percentile per-packet one-way delay: 19.020 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 44.67 Mbit/s
95th percentile per-packet one-way delay: 16.940 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 20.768 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 26.422 ms
Loss rate: 0.76%

Run 7: Report of Verus — Data Link

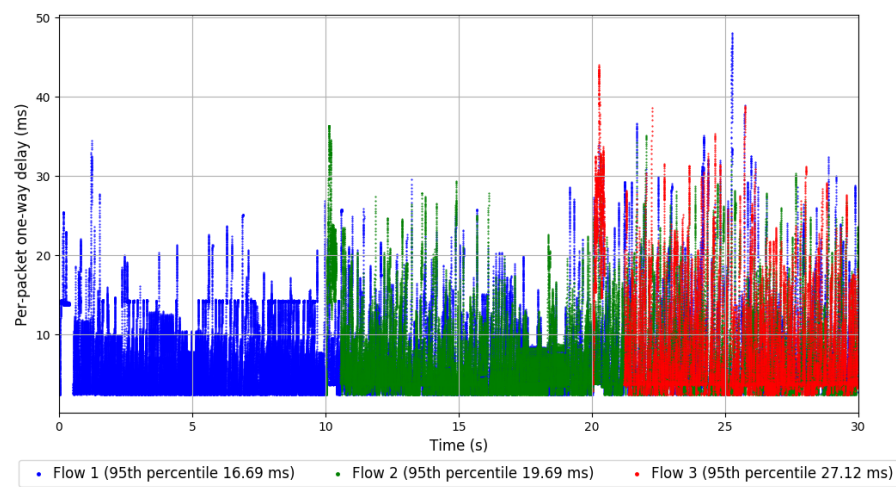
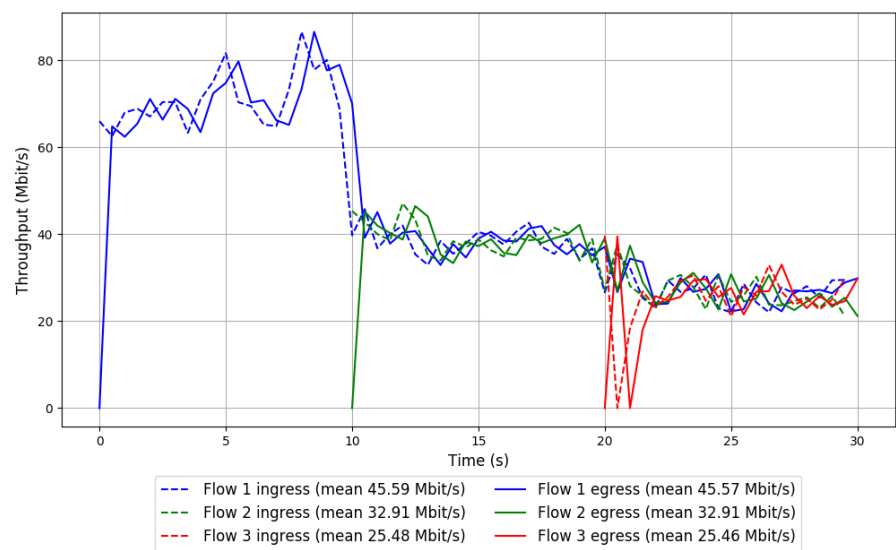


Run 8: Statistics of Verus

Start at: 2018-08-02 02:40:21
End at: 2018-08-02 02:40:51
Local clock offset: -2.107 ms
Remote clock offset: -2.269 ms

Below is generated by plot.py at 2018-08-02 03:50:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.94 Mbit/s
95th percentile per-packet one-way delay: 19.408 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 45.57 Mbit/s
95th percentile per-packet one-way delay: 16.691 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 32.91 Mbit/s
95th percentile per-packet one-way delay: 19.690 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 25.46 Mbit/s
95th percentile per-packet one-way delay: 27.122 ms
Loss rate: 0.11%

Run 8: Report of Verus — Data Link

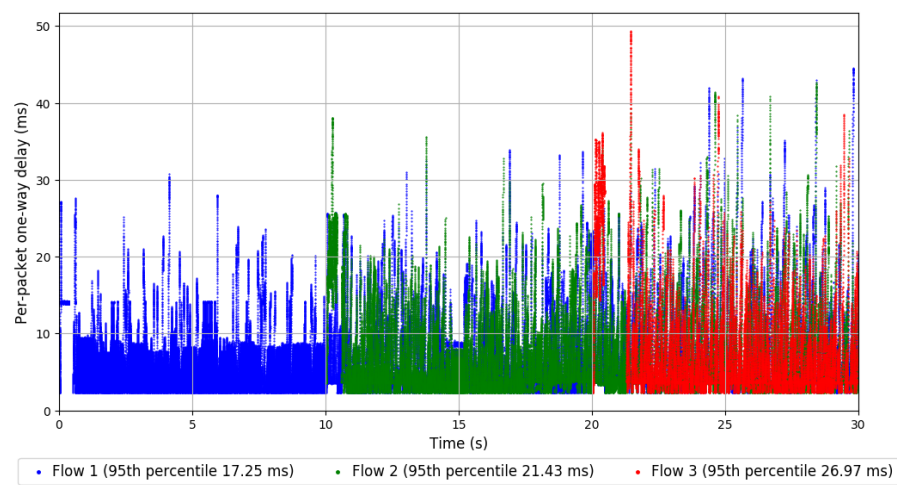
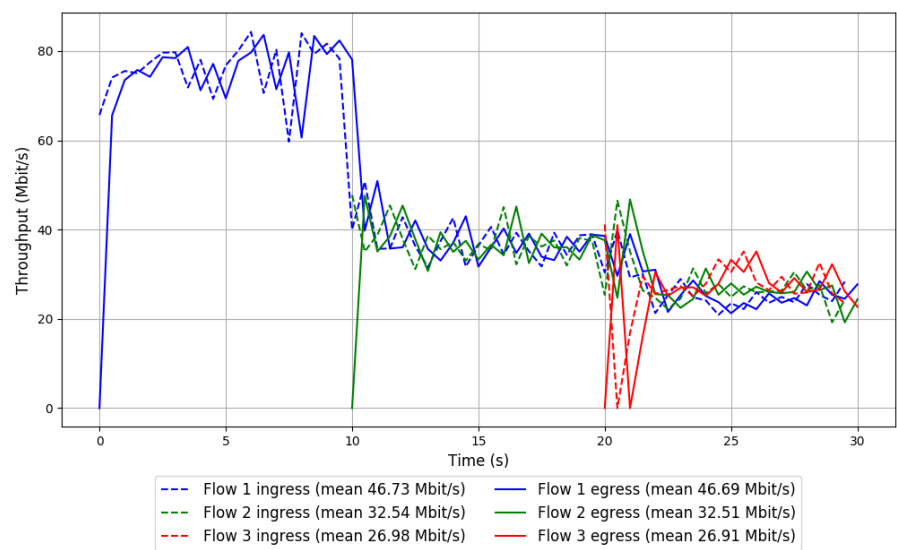


Run 9: Statistics of Verus

Start at: 2018-08-02 02:59:28
End at: 2018-08-02 02:59:58
Local clock offset: -2.173 ms
Remote clock offset: -2.078 ms

Below is generated by plot.py at 2018-08-02 03:50:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.27 Mbit/s
95th percentile per-packet one-way delay: 19.755 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.69 Mbit/s
95th percentile per-packet one-way delay: 17.247 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 32.51 Mbit/s
95th percentile per-packet one-way delay: 21.425 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 26.91 Mbit/s
95th percentile per-packet one-way delay: 26.966 ms
Loss rate: 0.19%

Run 9: Report of Verus — Data Link

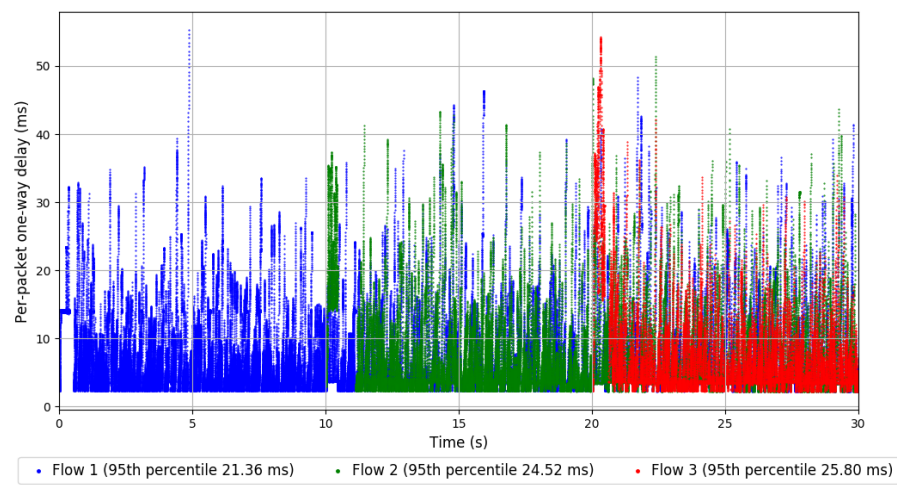
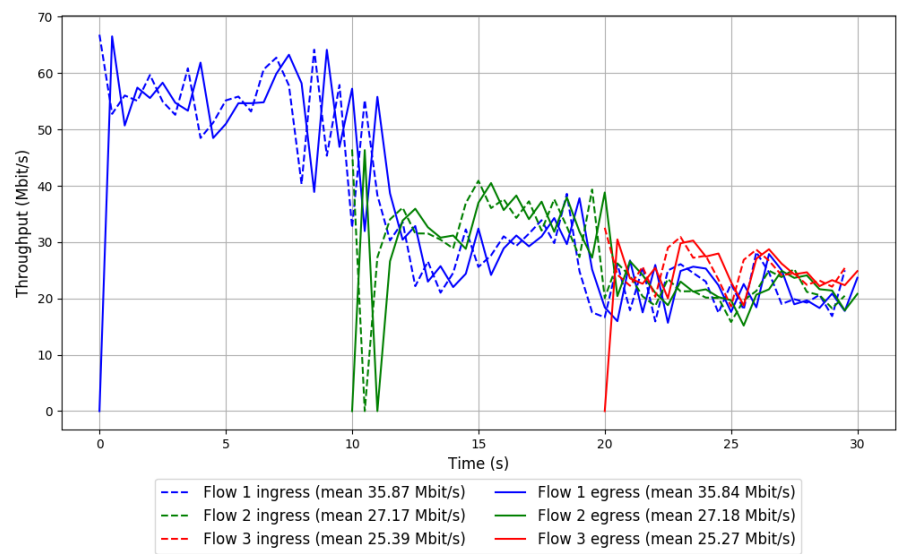


Run 10: Statistics of Verus

Start at: 2018-08-02 03:18:29
End at: 2018-08-02 03:18:59
Local clock offset: -2.389 ms
Remote clock offset: -6.164 ms

Below is generated by plot.py at 2018-08-02 03:50:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.33 Mbit/s
95th percentile per-packet one-way delay: 22.802 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 35.84 Mbit/s
95th percentile per-packet one-way delay: 21.363 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 27.18 Mbit/s
95th percentile per-packet one-way delay: 24.517 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 25.805 ms
Loss rate: 0.53%

Run 10: Report of Verus — Data Link

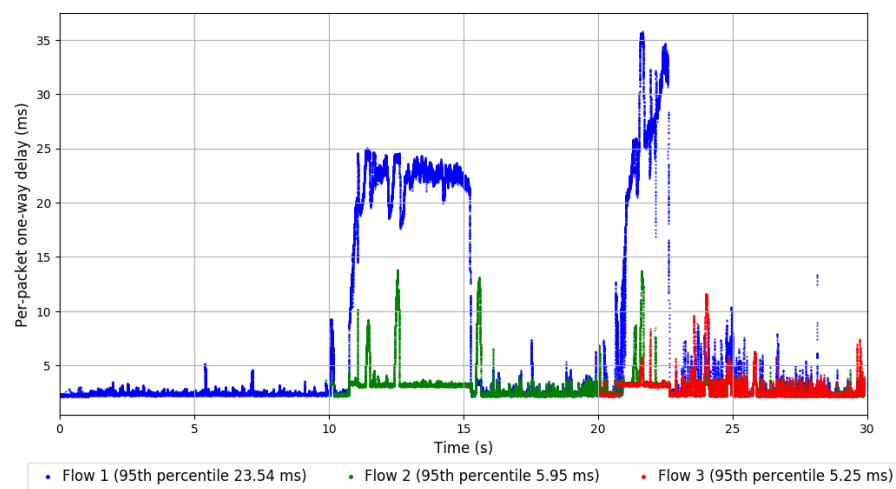
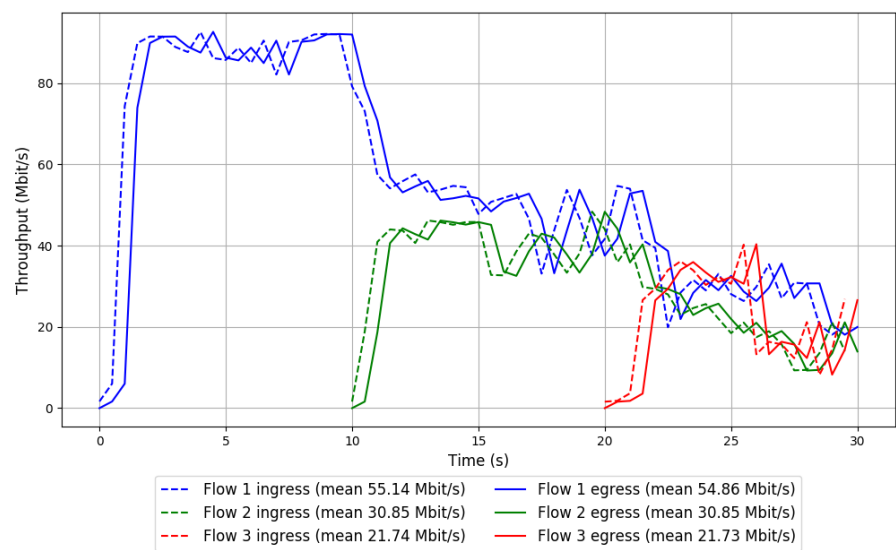


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-02 00:18:38
End at: 2018-08-02 00:19:08
Local clock offset: -4.129 ms
Remote clock offset: -2.429 ms

Below is generated by plot.py at 2018-08-02 03:51:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.54 Mbit/s
95th percentile per-packet one-way delay: 22.860 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 54.86 Mbit/s
95th percentile per-packet one-way delay: 23.539 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 30.85 Mbit/s
95th percentile per-packet one-way delay: 5.953 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 21.73 Mbit/s
95th percentile per-packet one-way delay: 5.255 ms
Loss rate: 0.09%

Run 1: Report of PCC-Vivace — Data Link

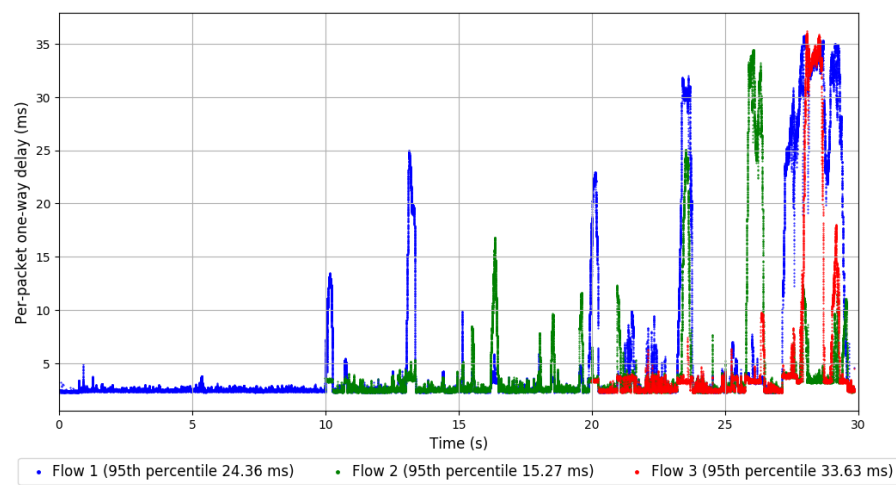
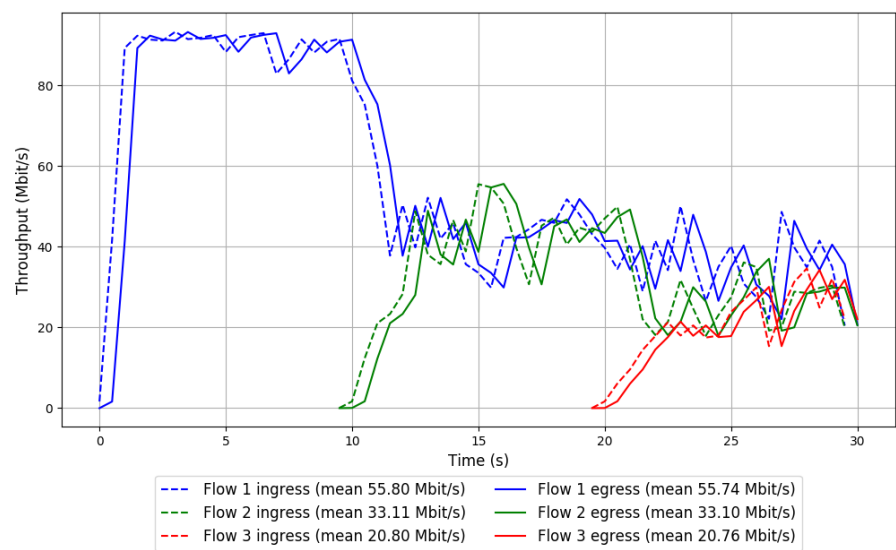


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-02 00:37:50
End at: 2018-08-02 00:38:20
Local clock offset: -3.787 ms
Remote clock offset: -2.077 ms

Below is generated by plot.py at 2018-08-02 03:51:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.64 Mbit/s
95th percentile per-packet one-way delay: 24.406 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 55.74 Mbit/s
95th percentile per-packet one-way delay: 24.361 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 33.10 Mbit/s
95th percentile per-packet one-way delay: 15.273 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 20.76 Mbit/s
95th percentile per-packet one-way delay: 33.628 ms
Loss rate: 0.20%

Run 2: Report of PCC-Vivace — Data Link

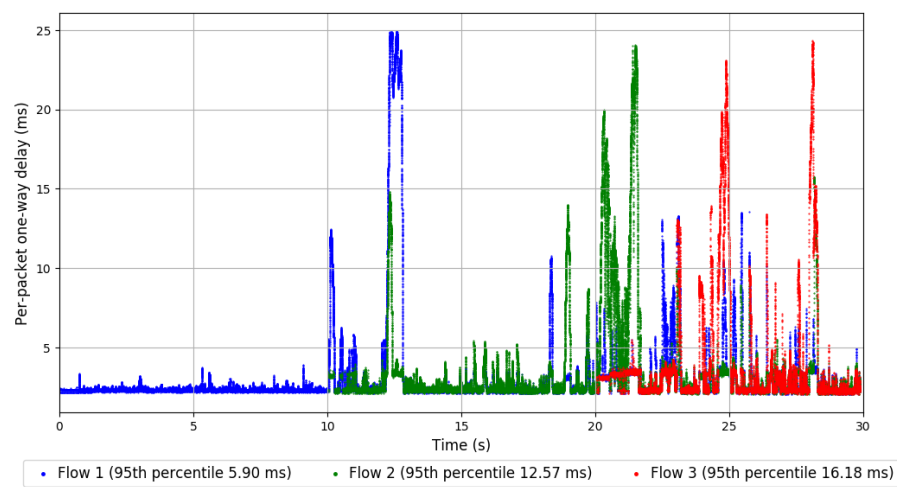
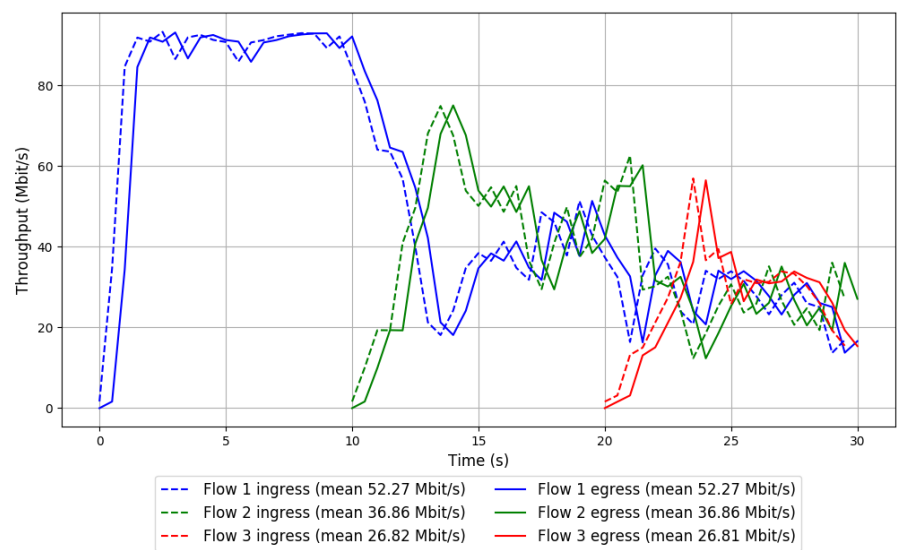


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-02 00:57:01
End at: 2018-08-02 00:57:31
Local clock offset: -3.368 ms
Remote clock offset: -2.438 ms

Below is generated by plot.py at 2018-08-02 03:51:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.63 Mbit/s
95th percentile per-packet one-way delay: 10.389 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.27 Mbit/s
95th percentile per-packet one-way delay: 5.896 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.86 Mbit/s
95th percentile per-packet one-way delay: 12.569 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 26.81 Mbit/s
95th percentile per-packet one-way delay: 16.180 ms
Loss rate: 0.06%

Run 3: Report of PCC-Vivace — Data Link

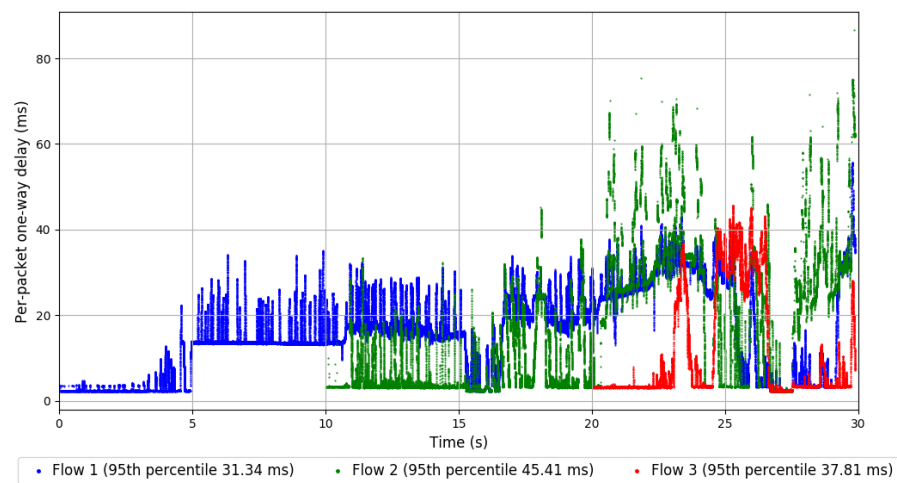
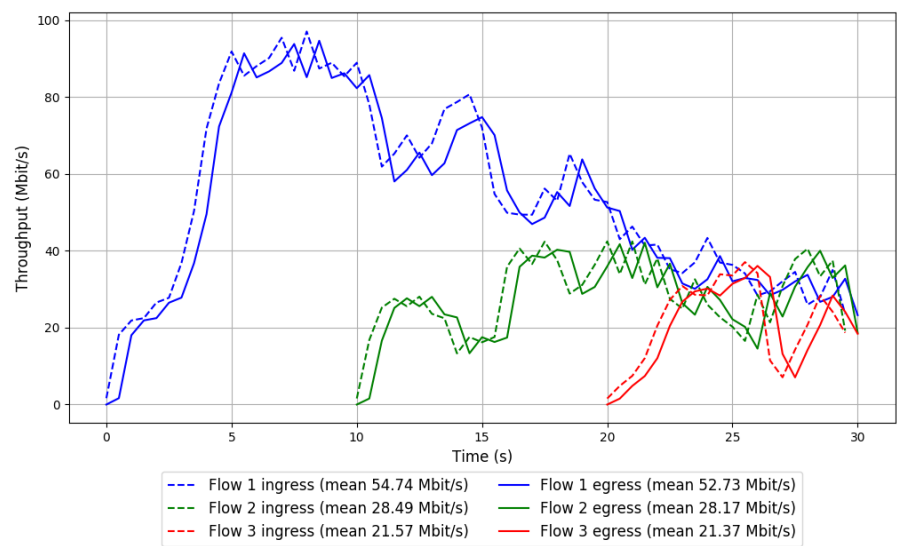


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-02 01:16:07
End at: 2018-08-02 01:16:37
Local clock offset: -2.514 ms
Remote clock offset: -2.828 ms

Below is generated by plot.py at 2018-08-02 03:51:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.49 Mbit/s
95th percentile per-packet one-way delay: 34.589 ms
Loss rate: 2.92%
-- Flow 1:
Average throughput: 52.73 Mbit/s
95th percentile per-packet one-way delay: 31.343 ms
Loss rate: 3.73%
-- Flow 2:
Average throughput: 28.17 Mbit/s
95th percentile per-packet one-way delay: 45.407 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 21.37 Mbit/s
95th percentile per-packet one-way delay: 37.806 ms
Loss rate: 1.01%

Run 4: Report of PCC-Vivace — Data Link

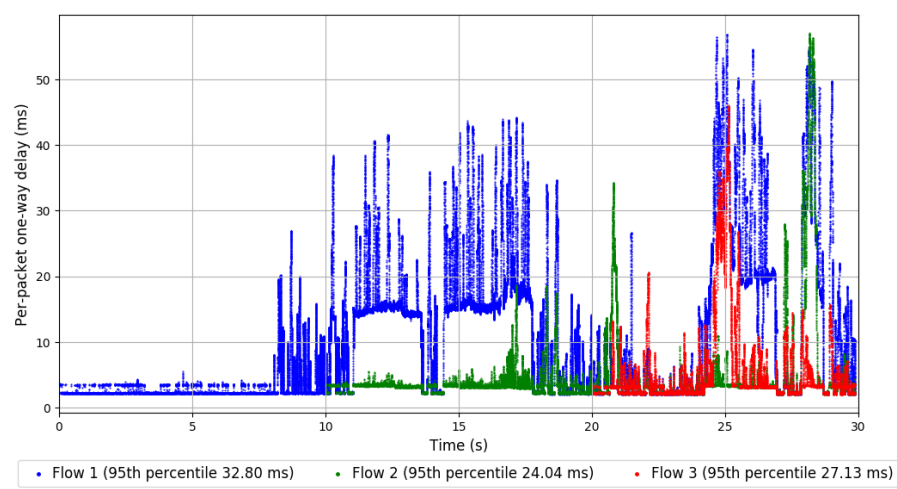
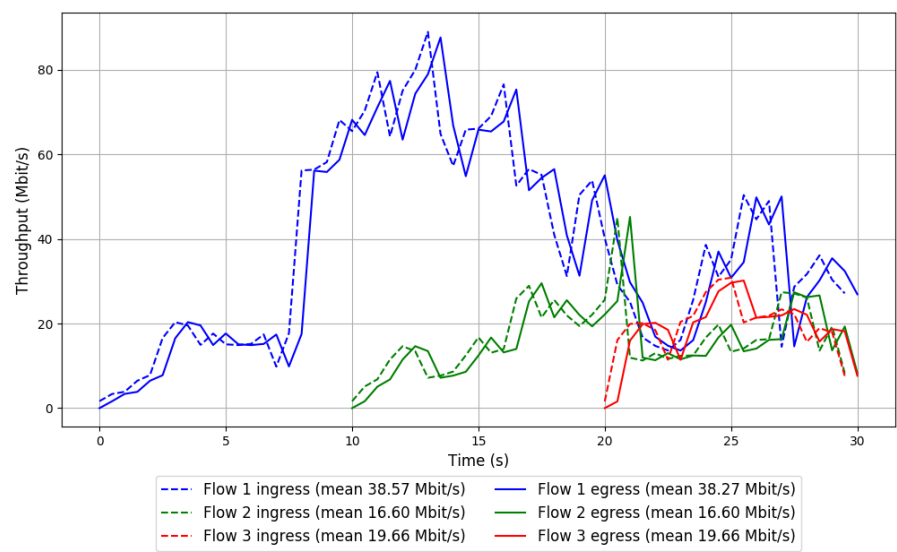


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-02 01:35:13
End at: 2018-08-02 01:35:43
Local clock offset: -2.272 ms
Remote clock offset: -5.688 ms

Below is generated by plot.py at 2018-08-02 03:51:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.80 Mbit/s
95th percentile per-packet one-way delay: 30.741 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 38.27 Mbit/s
95th percentile per-packet one-way delay: 32.800 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 16.60 Mbit/s
95th percentile per-packet one-way delay: 24.035 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 19.66 Mbit/s
95th percentile per-packet one-way delay: 27.132 ms
Loss rate: 0.08%

Run 5: Report of PCC-Vivace — Data Link

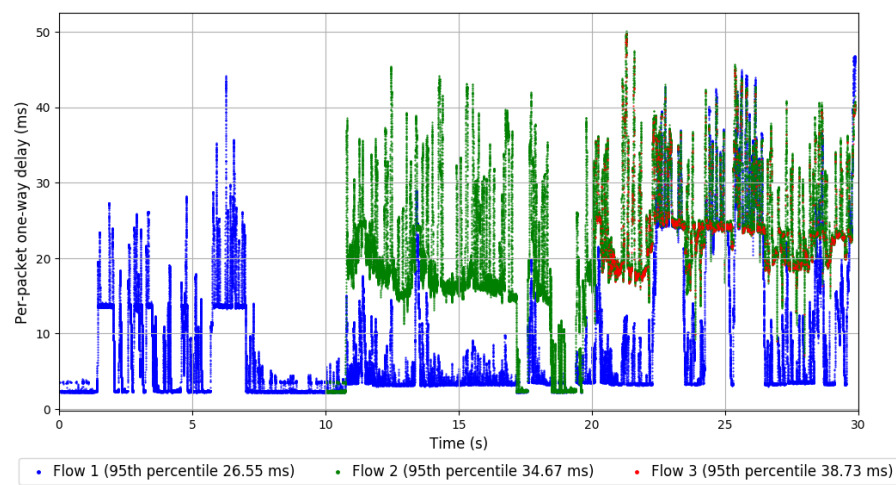
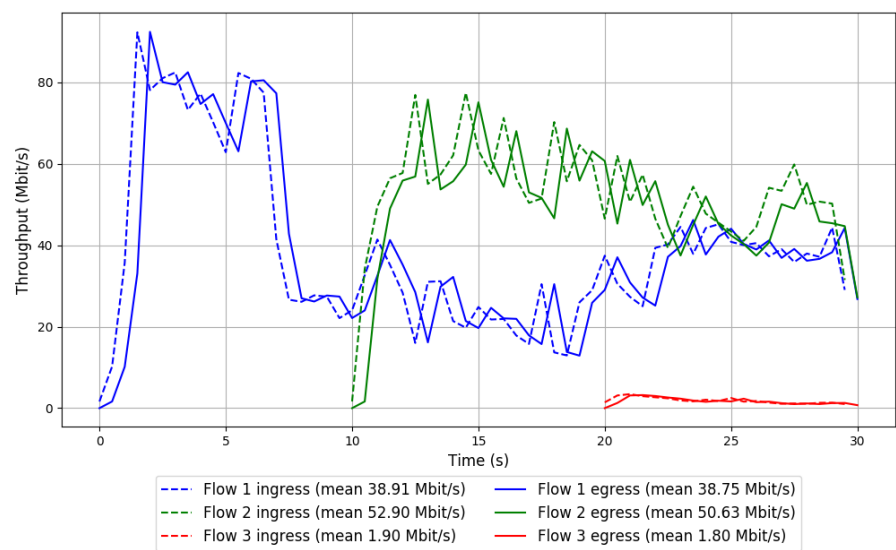


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-02 01:54:17
End at: 2018-08-02 01:54:47
Local clock offset: -2.242 ms
Remote clock offset: -7.689 ms

Below is generated by plot.py at 2018-08-02 03:51:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.03 Mbit/s
95th percentile per-packet one-way delay: 32.641 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 26.547 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 50.63 Mbit/s
95th percentile per-packet one-way delay: 34.674 ms
Loss rate: 4.42%
-- Flow 3:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 38.734 ms
Loss rate: 5.67%

Run 6: Report of PCC-Vivace — Data Link

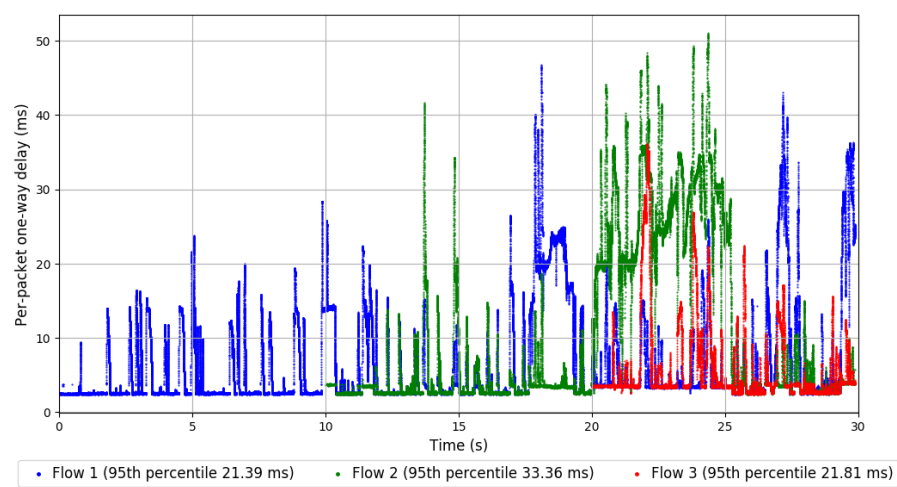
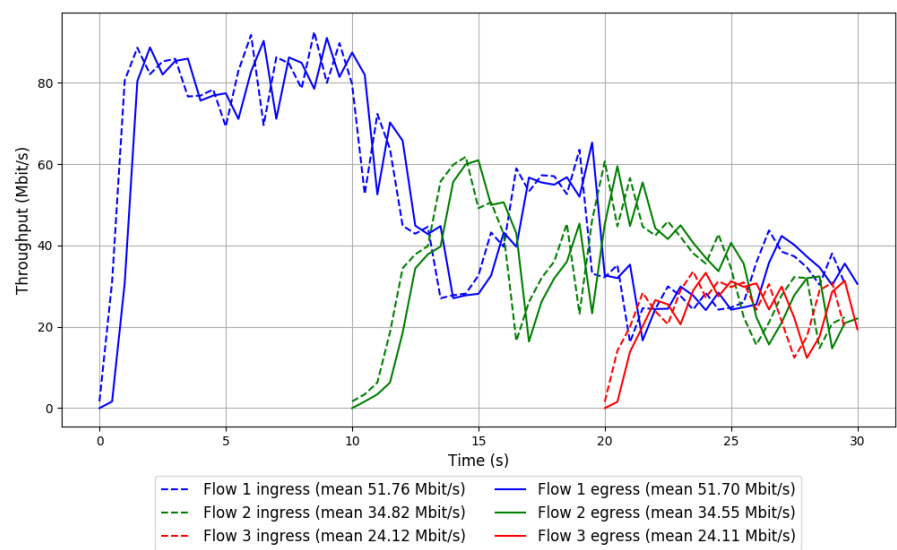


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-02 02:13:27
End at: 2018-08-02 02:13:57
Local clock offset: -2.729 ms
Remote clock offset: -3.349 ms

Below is generated by plot.py at 2018-08-02 03:51:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.63 Mbit/s
95th percentile per-packet one-way delay: 27.083 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 51.70 Mbit/s
95th percentile per-packet one-way delay: 21.392 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 33.361 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 21.810 ms
Loss rate: 0.09%

Run 7: Report of PCC-Vivace — Data Link

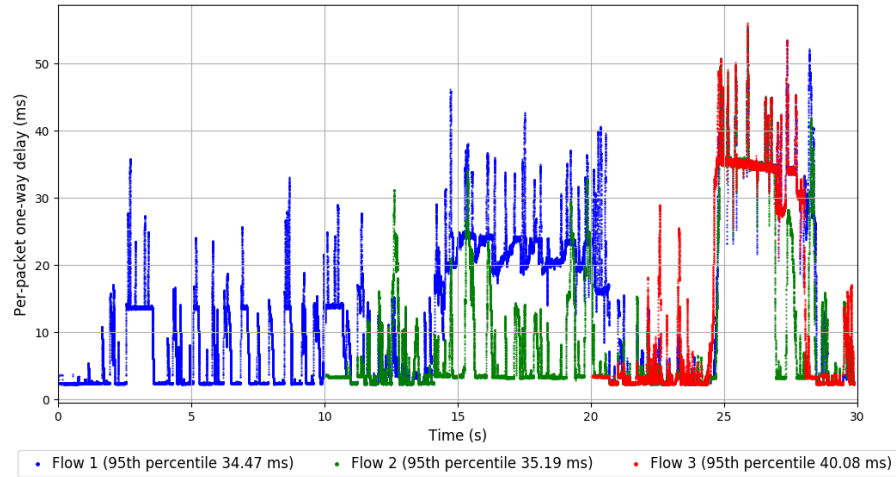
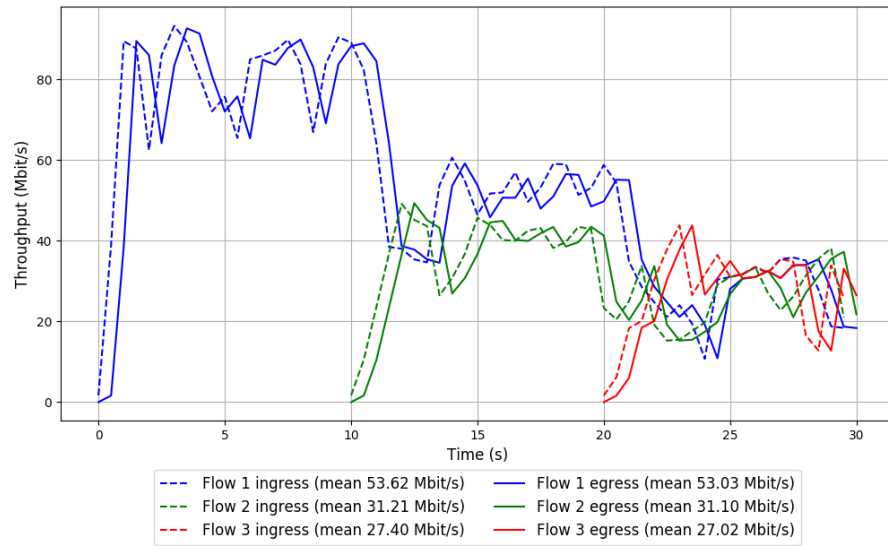


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-02 02:32:34
End at: 2018-08-02 02:33:04
Local clock offset: -2.261 ms
Remote clock offset: -1.991 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.62 Mbit/s
95th percentile per-packet one-way delay: 35.094 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 34.465 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 35.193 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 27.02 Mbit/s
95th percentile per-packet one-way delay: 40.076 ms
Loss rate: 1.41%

Run 8: Report of PCC-Vivace — Data Link

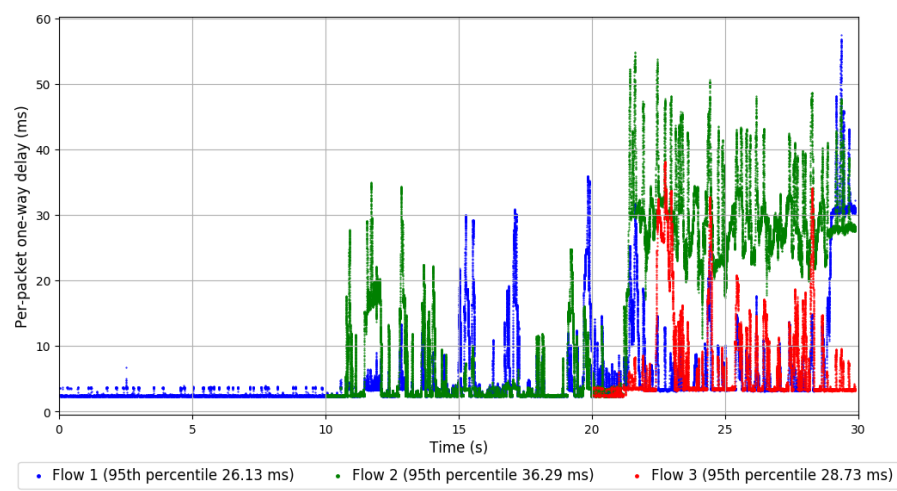
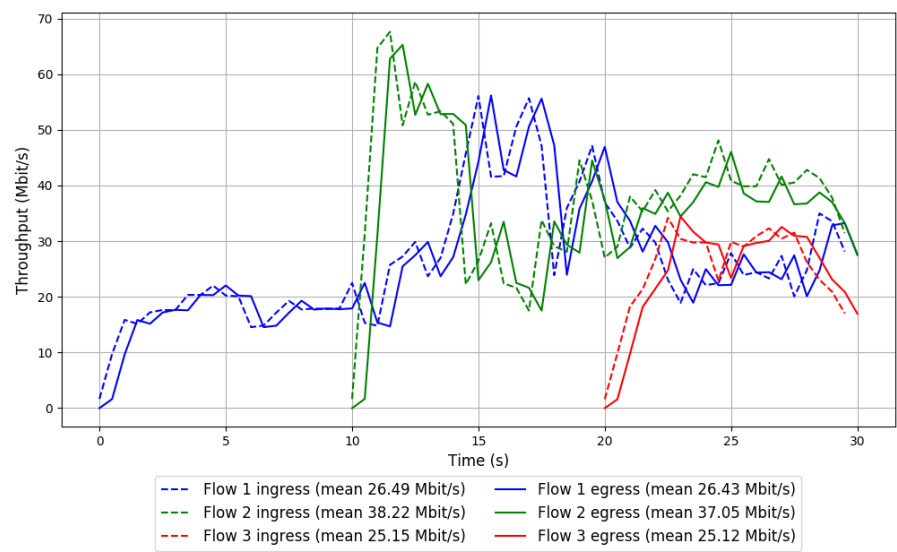


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-02 02:51:42
End at: 2018-08-02 02:52:12
Local clock offset: -1.962 ms
Remote clock offset: -2.232 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.37 Mbit/s
95th percentile per-packet one-way delay: 31.924 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 26.43 Mbit/s
95th percentile per-packet one-way delay: 26.134 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 37.05 Mbit/s
95th percentile per-packet one-way delay: 36.289 ms
Loss rate: 3.18%
-- Flow 3:
Average throughput: 25.12 Mbit/s
95th percentile per-packet one-way delay: 28.730 ms
Loss rate: 0.14%

Run 9: Report of PCC-Vivace — Data Link

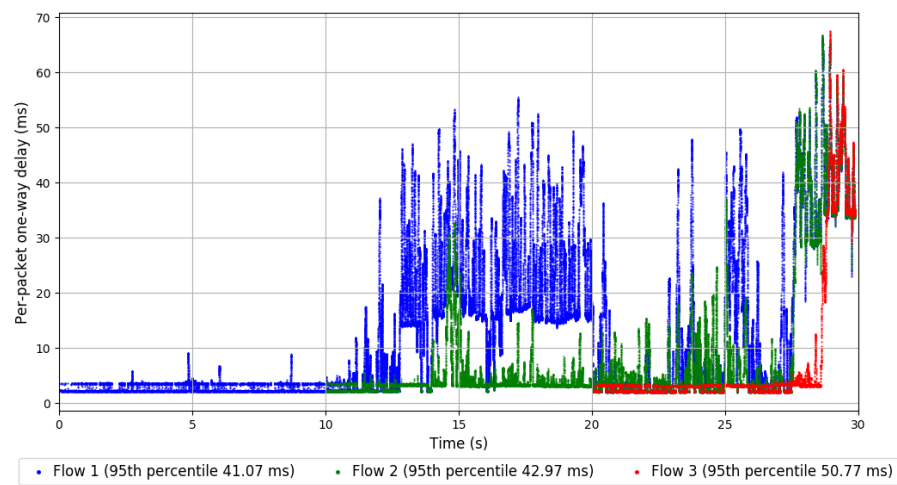
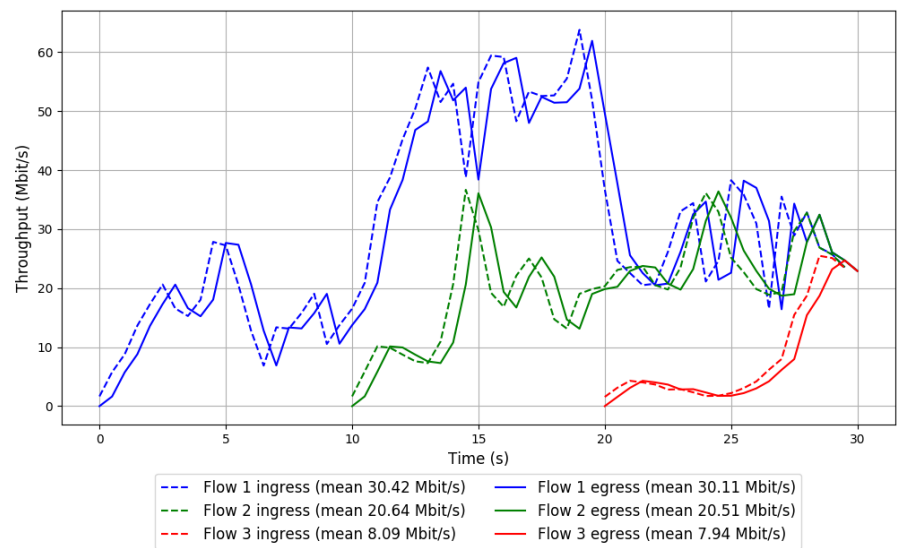


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-02 03:10:45
End at: 2018-08-02 03:11:15
Local clock offset: -2.365 ms
Remote clock offset: -3.839 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.37 Mbit/s
95th percentile per-packet one-way delay: 42.408 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 41.067 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 20.51 Mbit/s
95th percentile per-packet one-way delay: 42.967 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 7.94 Mbit/s
95th percentile per-packet one-way delay: 50.772 ms
Loss rate: 2.09%

Run 10: Report of PCC-Vivace — Data Link

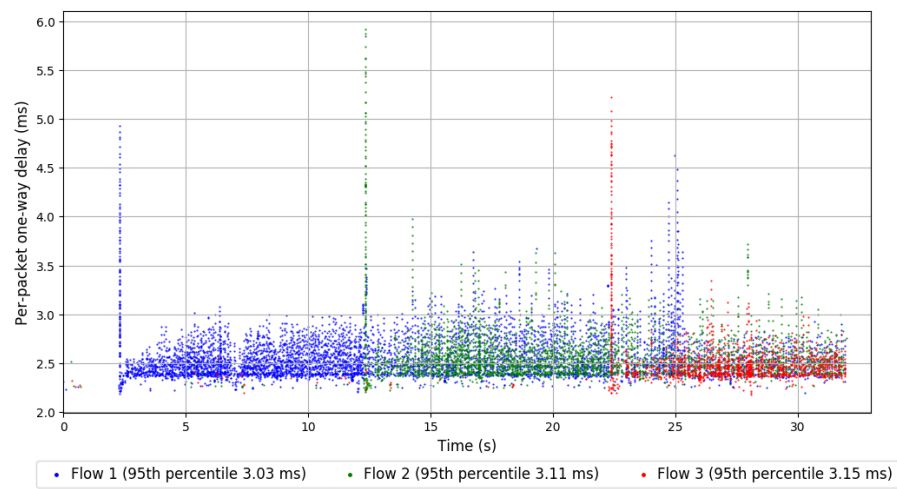
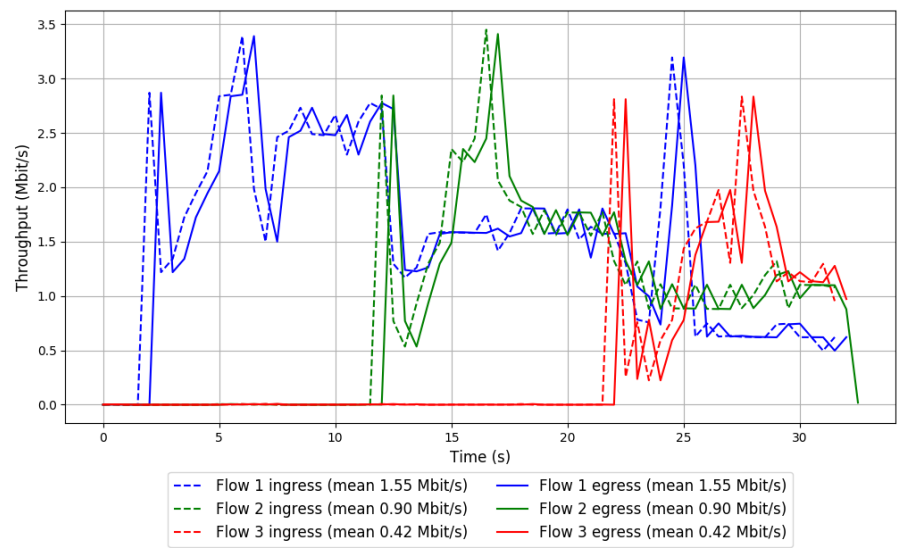


Run 1: Statistics of WebRTC media

Start at: 2018-08-02 00:23:08
End at: 2018-08-02 00:23:38
Local clock offset: -4.055 ms
Remote clock offset: -2.367 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.86 Mbit/s
95th percentile per-packet one-way delay: 3.066 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 3.030 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 3.107 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 3.146 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

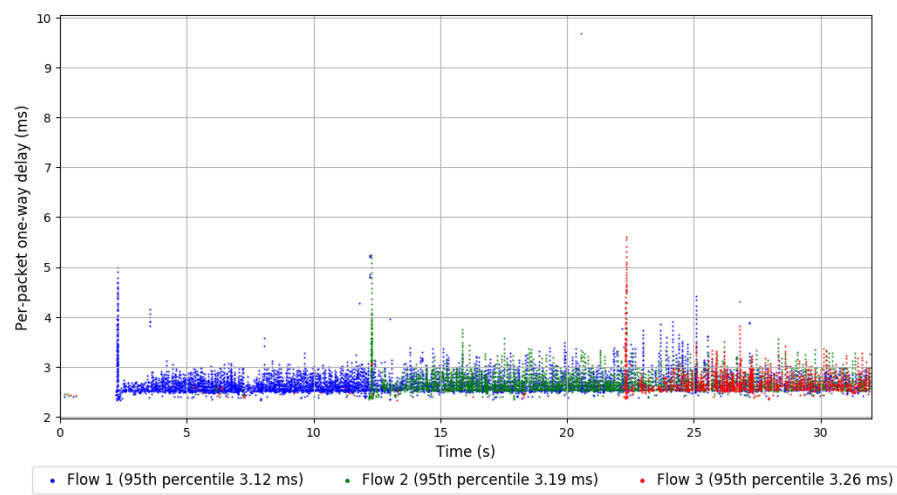
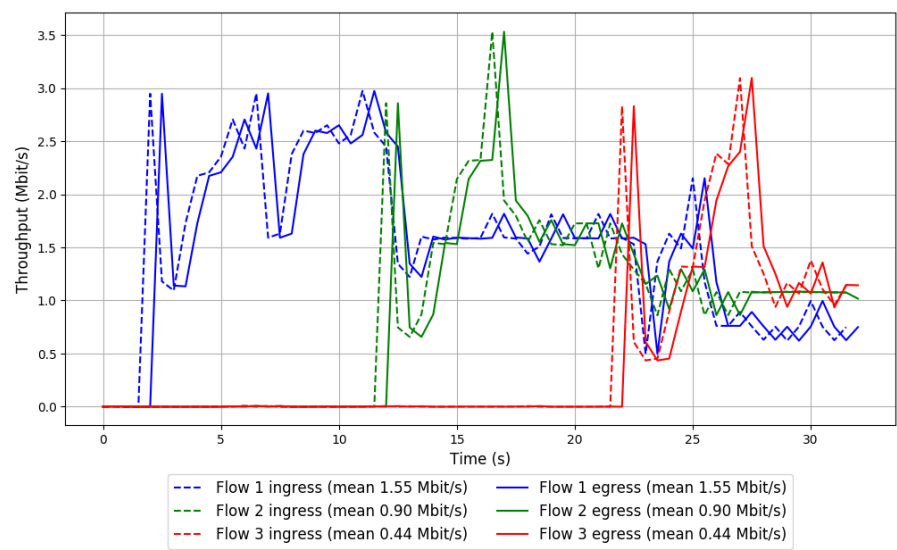


Run 2: Statistics of WebRTC media

Start at: 2018-08-02 00:42:19
End at: 2018-08-02 00:42:49
Local clock offset: -3.781 ms
Remote clock offset: -2.056 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 3.165 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 3.118 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 3.192 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.263 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

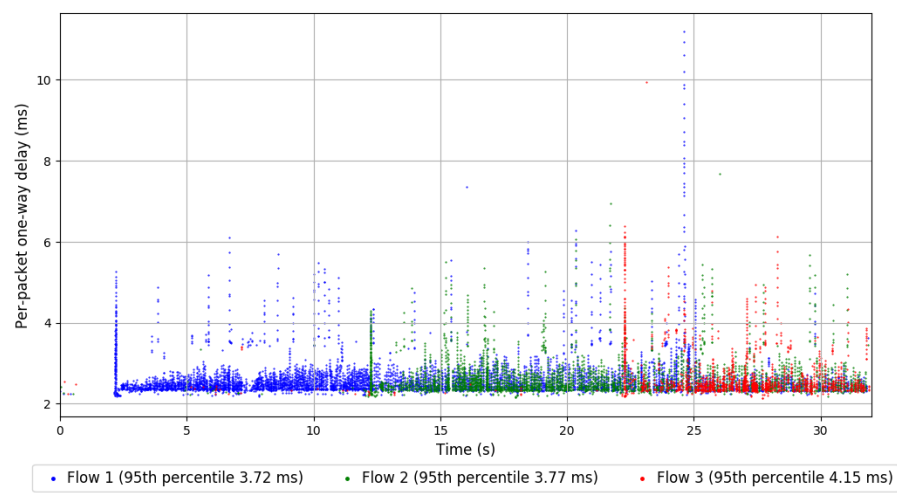
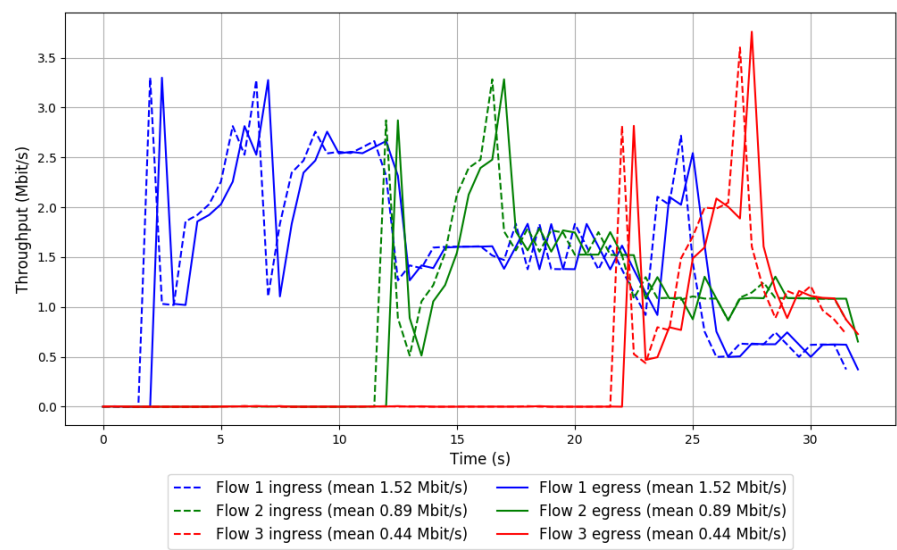


Run 3: Statistics of WebRTC media

Start at: 2018-08-02 01:01:29
End at: 2018-08-02 01:01:59
Local clock offset: -2.974 ms
Remote clock offset: -2.609 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 3.819 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 3.720 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 3.768 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 4.149 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

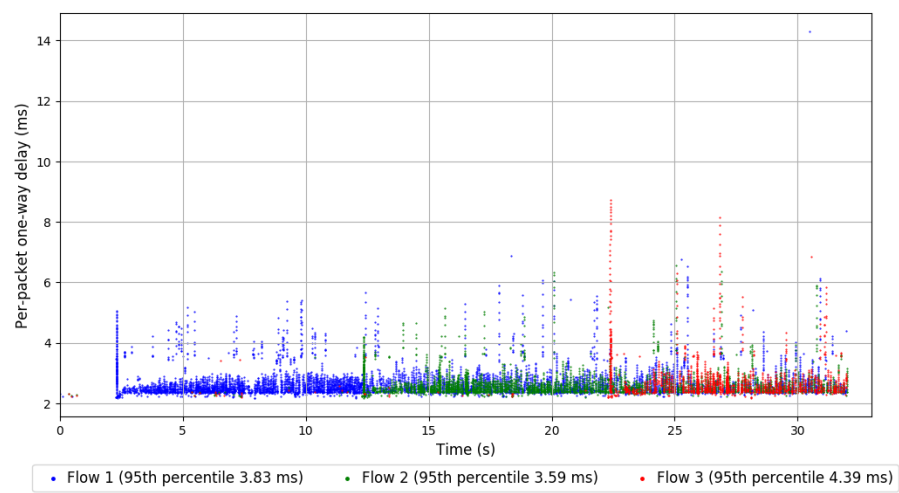
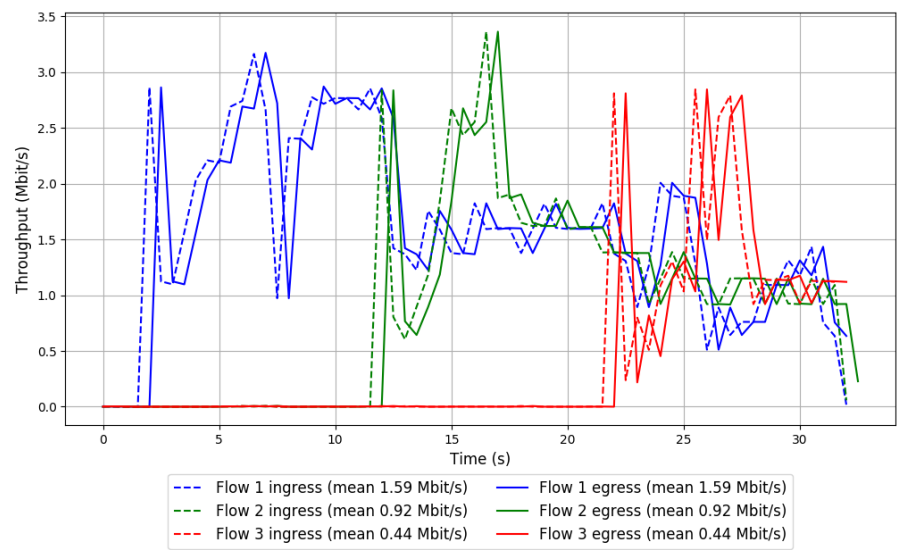


Run 4: Statistics of WebRTC media

Start at: 2018-08-02 01:20:35
End at: 2018-08-02 01:21:05
Local clock offset: -2.431 ms
Remote clock offset: -2.849 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.94 Mbit/s
95th percentile per-packet one-way delay: 3.813 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 3.825 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 3.589 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 4.388 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-08-02 01:39:39

End at: 2018-08-02 01:40:09

Local clock offset: -2.243 ms

Remote clock offset: -6.48 ms

Below is generated by plot.py at 2018-08-02 03:51:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.78 Mbit/s

95th percentile per-packet one-way delay: 4.166 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.48 Mbit/s

95th percentile per-packet one-way delay: 4.269 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.92 Mbit/s

95th percentile per-packet one-way delay: 4.166 ms

Loss rate: 0.00%

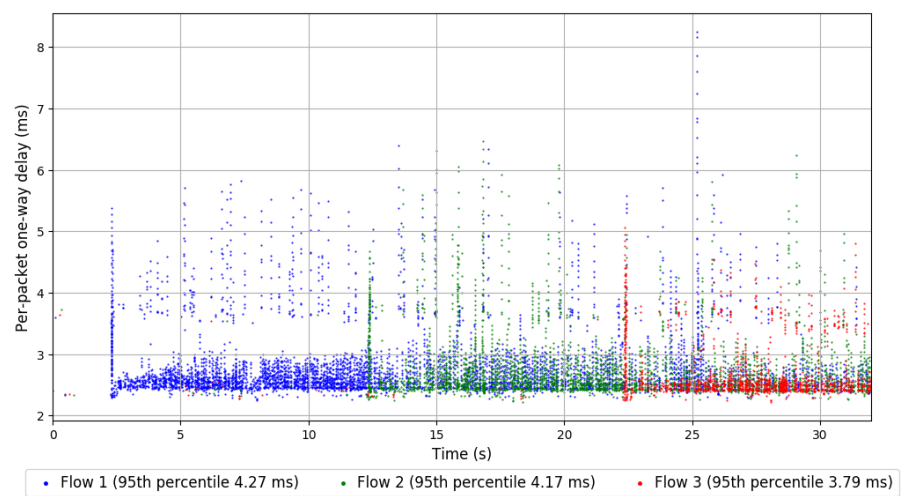
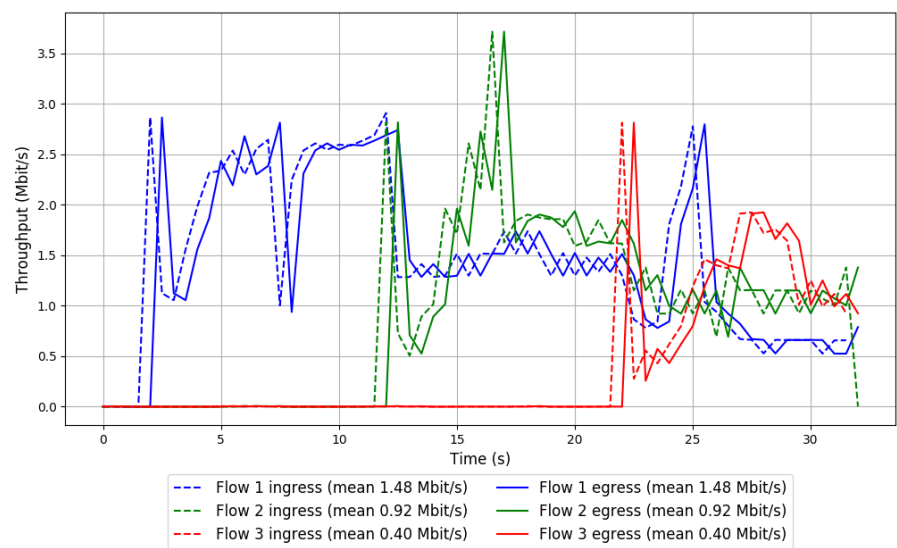
-- Flow 3:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 3.789 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

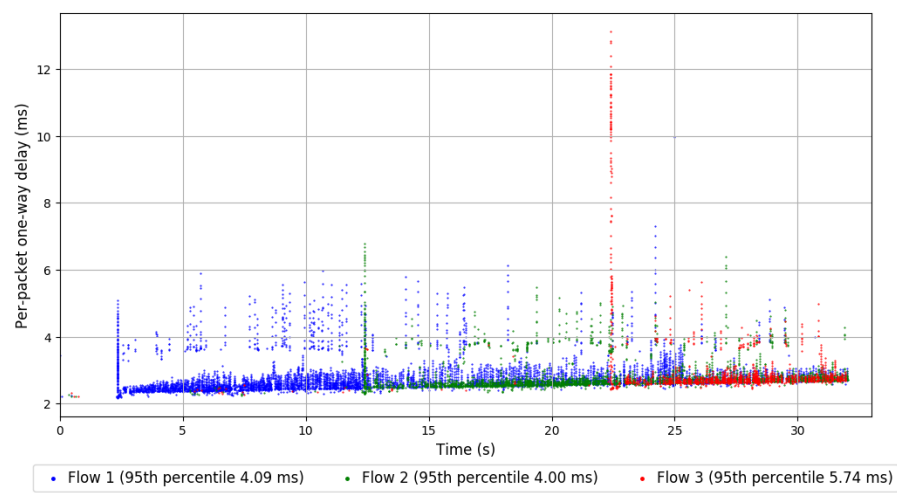
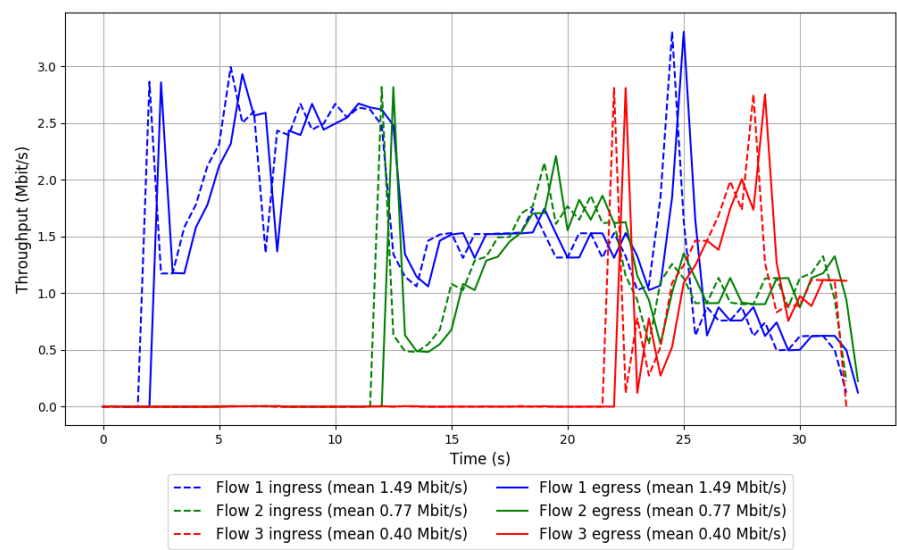


Run 6: Statistics of WebRTC media

Start at: 2018-08-02 01:58:45
End at: 2018-08-02 01:59:15
Local clock offset: -2.53 ms
Remote clock offset: -8.038 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 4.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 4.095 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 4.005 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 5.744 ms
Loss rate: 0.01%

Run 6: Report of WebRTC media — Data Link

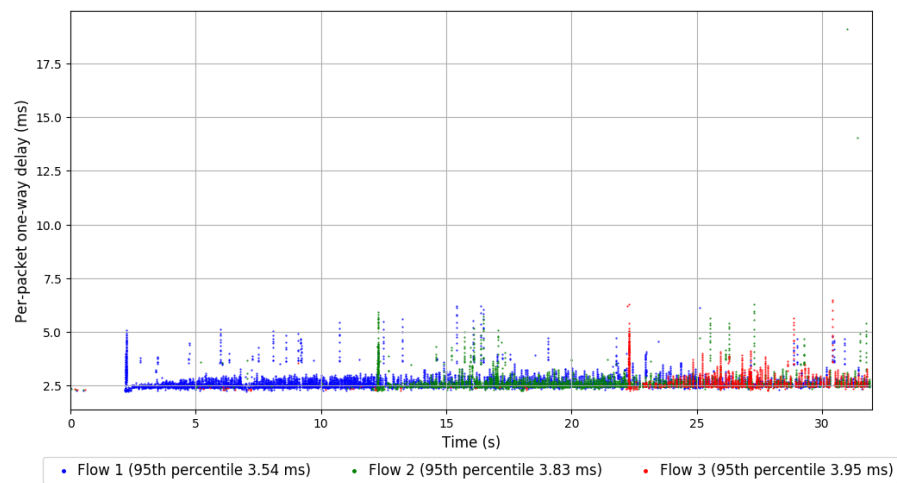
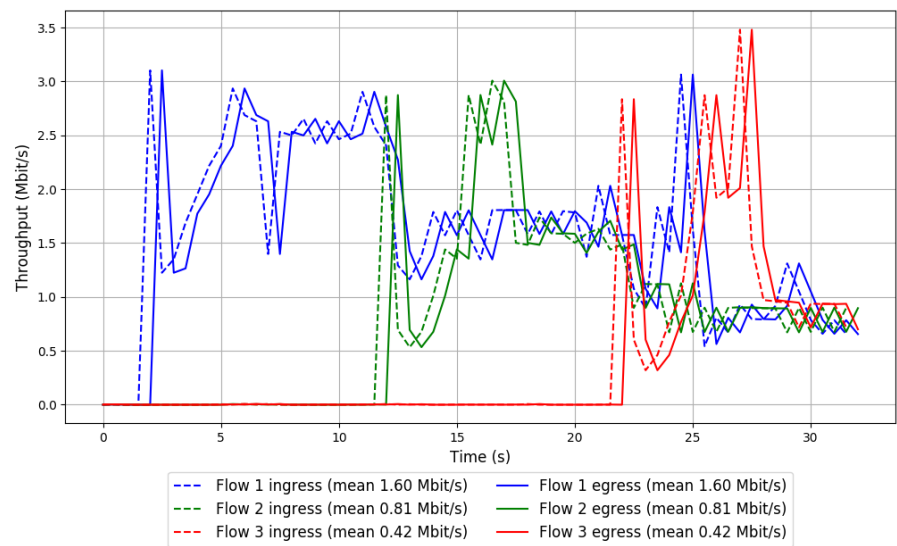


Run 7: Statistics of WebRTC media

Start at: 2018-08-02 02:17:55
End at: 2018-08-02 02:18:25
Local clock offset: -2.766 ms
Remote clock offset: -2.757 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 3.700 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 3.542 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 3.835 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 3.946 ms
Loss rate: 0.07%

Run 7: Report of WebRTC media — Data Link

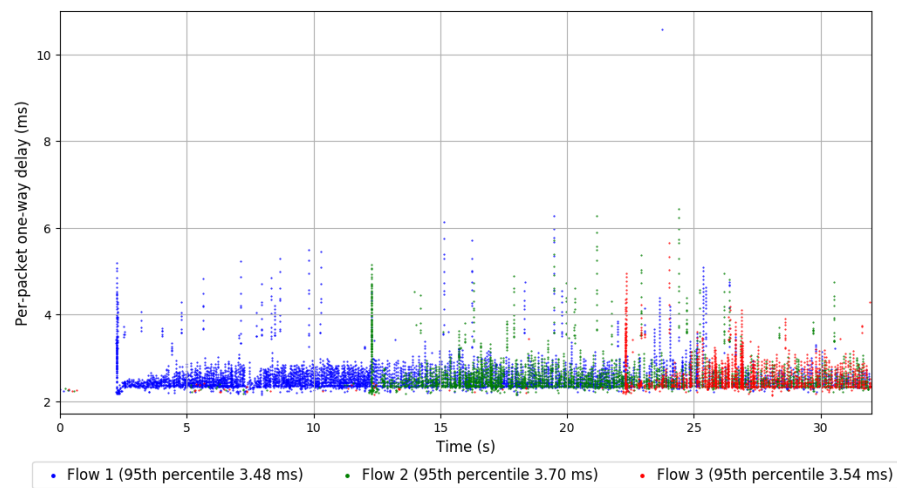
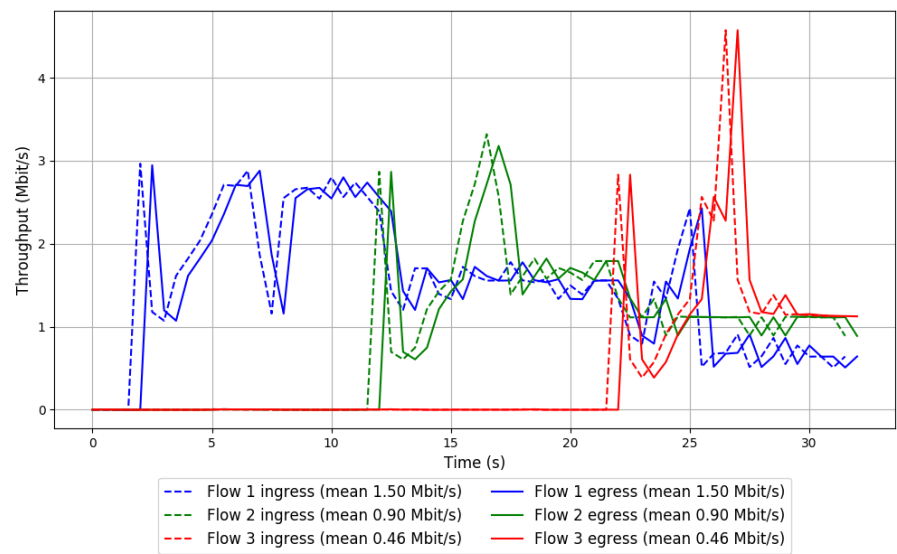


Run 8: Statistics of WebRTC media

Start at: 2018-08-02 02:37:03
End at: 2018-08-02 02:37:33
Local clock offset: -2.148 ms
Remote clock offset: -2.061 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.85 Mbit/s
95th percentile per-packet one-way delay: 3.563 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 3.482 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 3.701 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 3.537 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

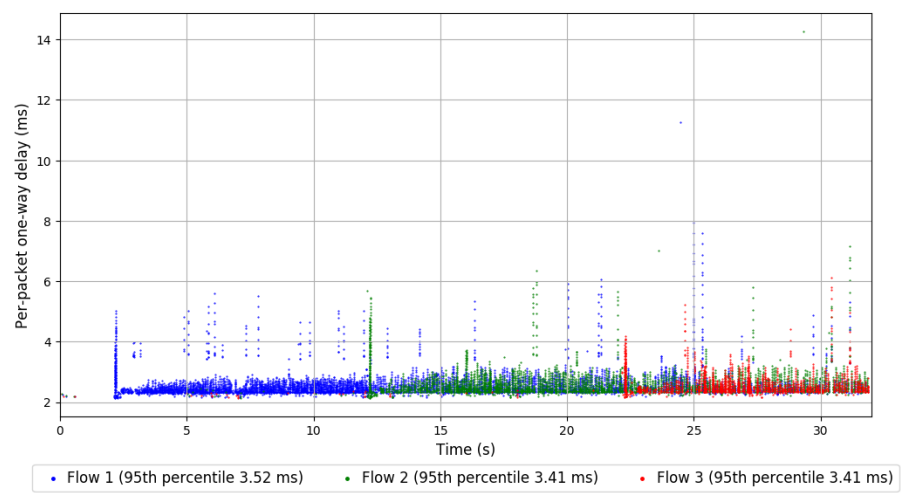
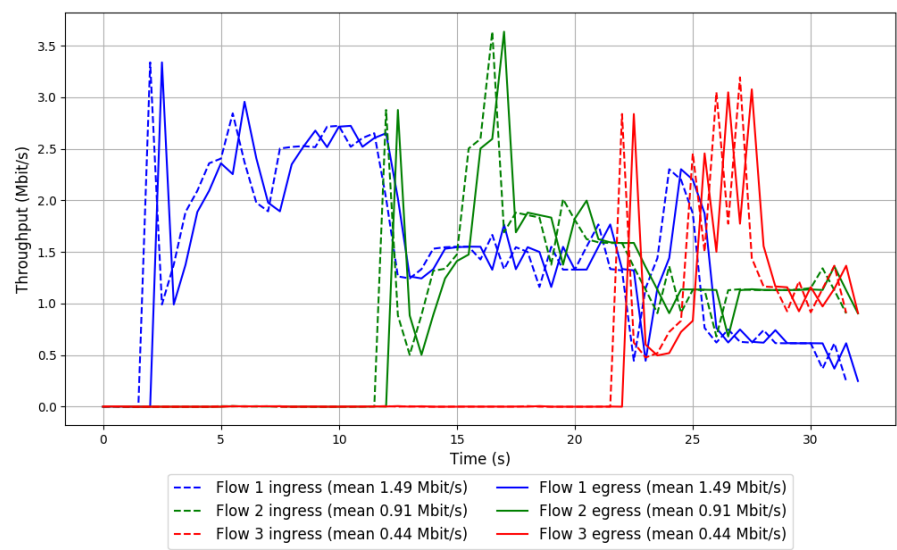


Run 9: Statistics of WebRTC media

Start at: 2018-08-02 02:56:09
End at: 2018-08-02 02:56:39
Local clock offset: -2.164 ms
Remote clock offset: -2.117 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 3.475 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 3.521 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 3.411 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.407 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-02 03:15:11
End at: 2018-08-02 03:15:41
Local clock offset: -2.318 ms
Remote clock offset: -5.318 ms

Below is generated by plot.py at 2018-08-02 03:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 4.442 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 4.547 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 4.107 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 4.948 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

