

Pantheon Report

Generated at 2018-08-02 04:03:20 (UTC).

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

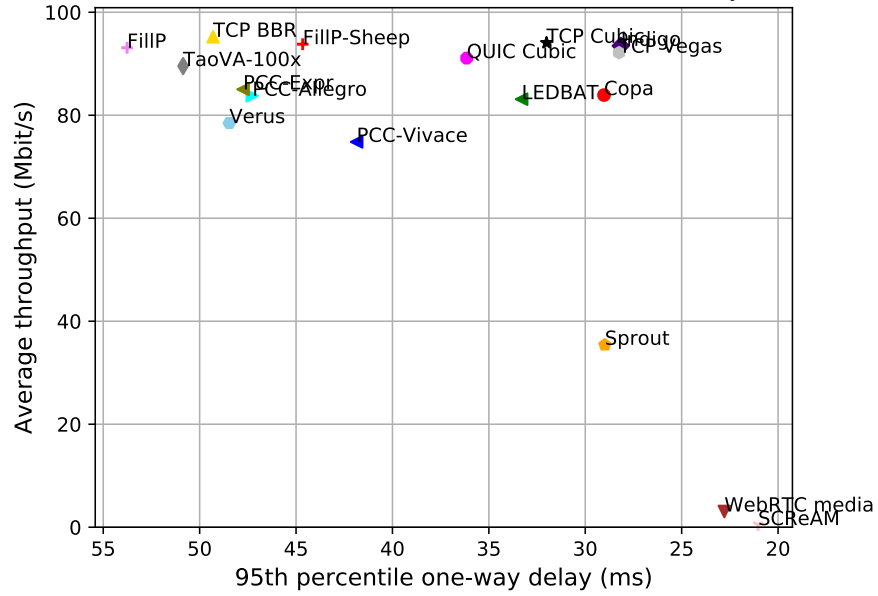
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

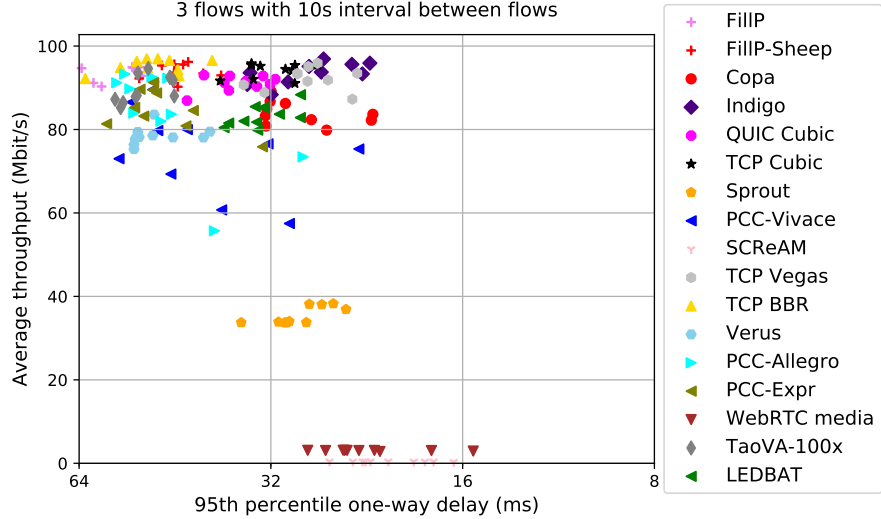
Git summary:

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



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



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	59.88	37.02	32.31	45.52	56.50	56.99	3.25	3.93	4.19
Copa	10	51.60	33.62	29.97	29.33	28.55	28.17	0.07	0.13	0.34
TCP Cubic	10	56.51	41.70	29.76	31.81	31.94	35.49	0.07	0.17	0.37
FillP	10	56.33	39.12	32.56	52.95	51.03	52.52	1.74	3.80	4.27
FillP-Sheep	10	57.02	38.34	34.03	44.31	46.17	47.41	1.53	1.65	1.07
Indigo	10	57.79	38.45	31.10	27.02	29.97	29.26	0.07	0.15	0.37
LEDBAT	10	49.31	34.72	32.48	32.30	35.15	35.16	0.10	0.15	0.42
PCC-Allegro	10	55.15	29.70	27.02	42.42	41.65	41.64	3.62	2.23	0.77
PCC-Expr	10	52.82	37.29	22.50	43.74	46.21	48.71	0.52	0.85	0.69
QUIC Cubic	10	54.12	38.43	34.61	33.89	40.46	45.31	0.11	0.22	0.52
SCReAM	10	0.21	0.21	0.22	21.04	21.03	21.06	0.09	0.19	0.32
Sprout	10	17.88	17.73	17.45	28.41	29.23	30.06	0.16	0.22	0.34
TaoVA-100x	10	53.66	38.05	31.92	48.53	53.63	51.99	0.39	0.94	1.73
TCP Vegas	10	56.68	37.44	31.77	28.08	28.43	28.05	0.07	0.14	0.36
Verus	10	45.15	34.92	30.74	45.91	50.84	52.29	0.12	0.23	0.51
PCC-Vivace	10	48.95	29.78	18.45	39.77	43.01	35.46	0.49	0.49	0.69
WebRTC media	10	1.63	0.98	0.46	22.75	22.77	22.94	0.07	0.20	0.20

Run 1: Statistics of TCP BBR

Start at: 2018-08-02 00:16:27

End at: 2018-08-02 00:16:57

Local clock offset: 0.183 ms

Remote clock offset: -5.72 ms

Below is generated by plot.py at 2018-08-02 03:41:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 46.171 ms

Loss rate: 2.97%

-- Flow 1:

Average throughput: 64.00 Mbit/s

95th percentile per-packet one-way delay: 45.685 ms

Loss rate: 3.01%

-- Flow 2:

Average throughput: 36.69 Mbit/s

95th percentile per-packet one-way delay: 64.044 ms

Loss rate: 3.05%

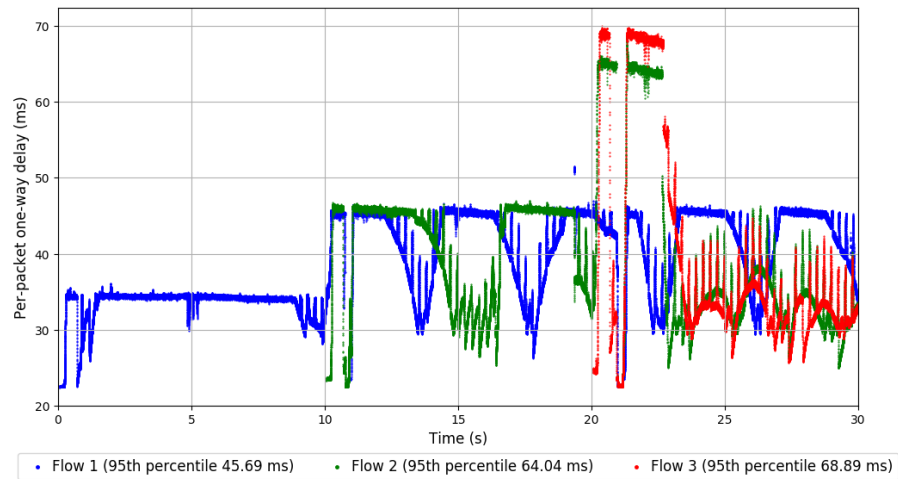
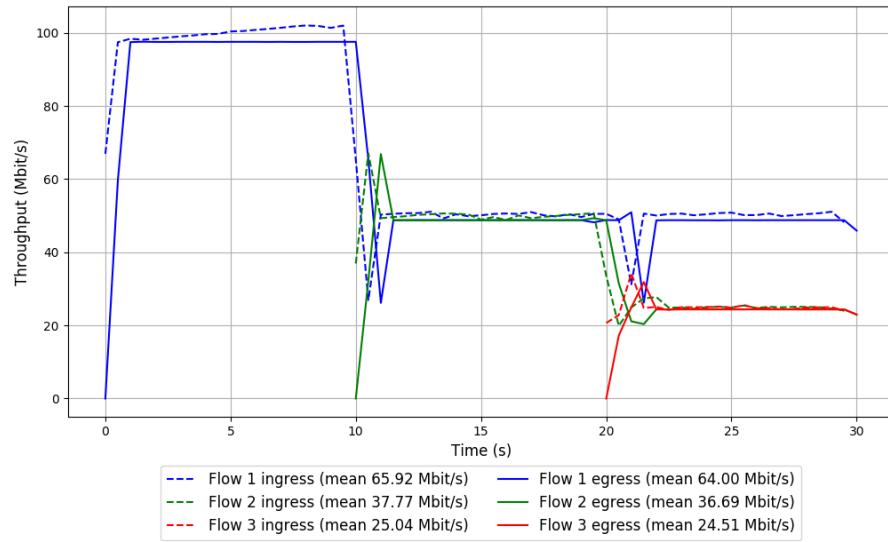
-- Flow 3:

Average throughput: 24.51 Mbit/s

95th percentile per-packet one-way delay: 68.886 ms

Loss rate: 2.46%

Run 1: Report of TCP BBR — Data Link

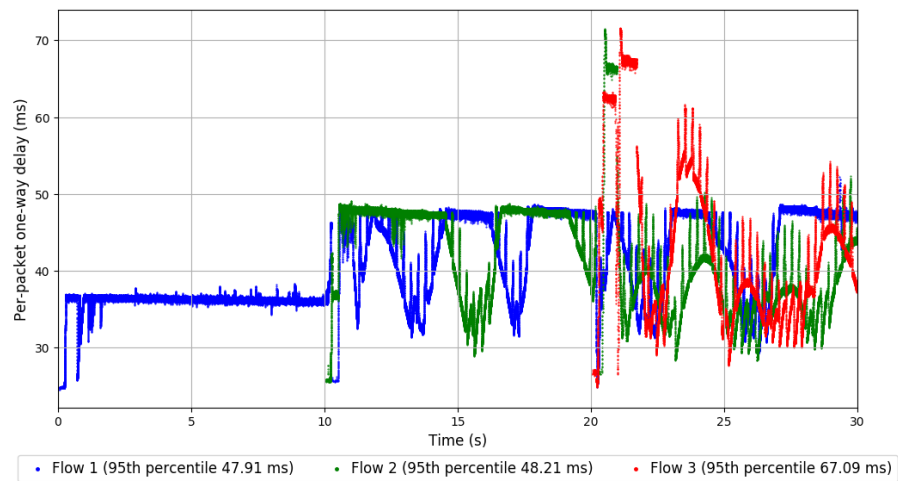
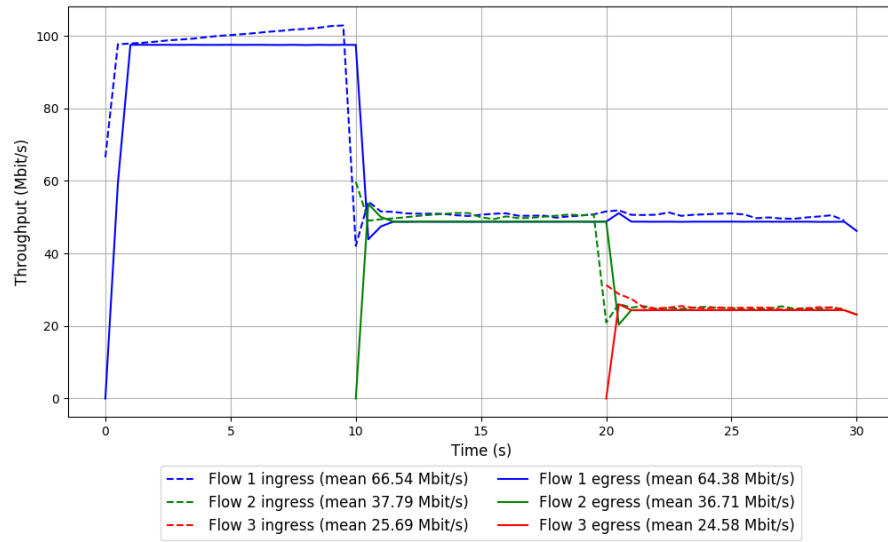


Run 2: Statistics of TCP BBR

Start at: 2018-08-02 00:36:36
End at: 2018-08-02 00:37:06
Local clock offset: 1.056 ms
Remote clock offset: -5.586 ms

Below is generated by plot.py at 2018-08-02 03:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 48.147 ms
Loss rate: 3.40%
-- Flow 1:
Average throughput: 64.38 Mbit/s
95th percentile per-packet one-way delay: 47.911 ms
Loss rate: 3.36%
-- Flow 2:
Average throughput: 36.71 Mbit/s
95th percentile per-packet one-way delay: 48.207 ms
Loss rate: 3.05%
-- Flow 3:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 67.090 ms
Loss rate: 4.68%

Run 2: Report of TCP BBR — Data Link

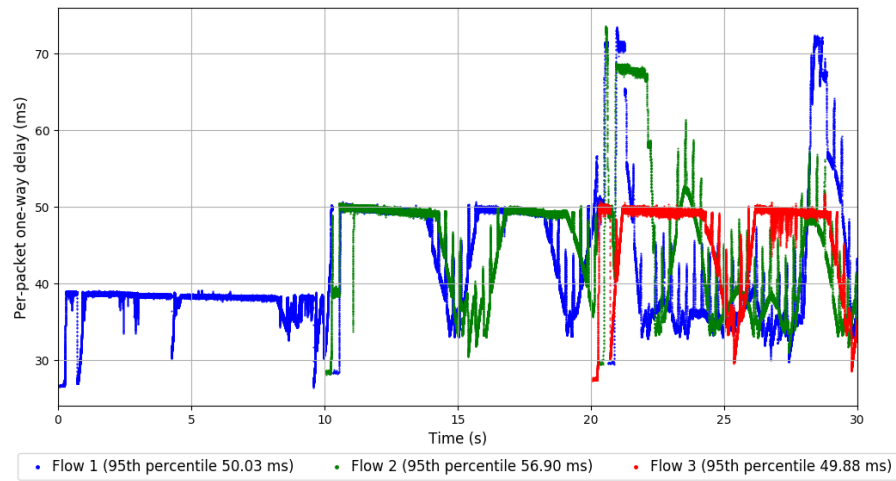
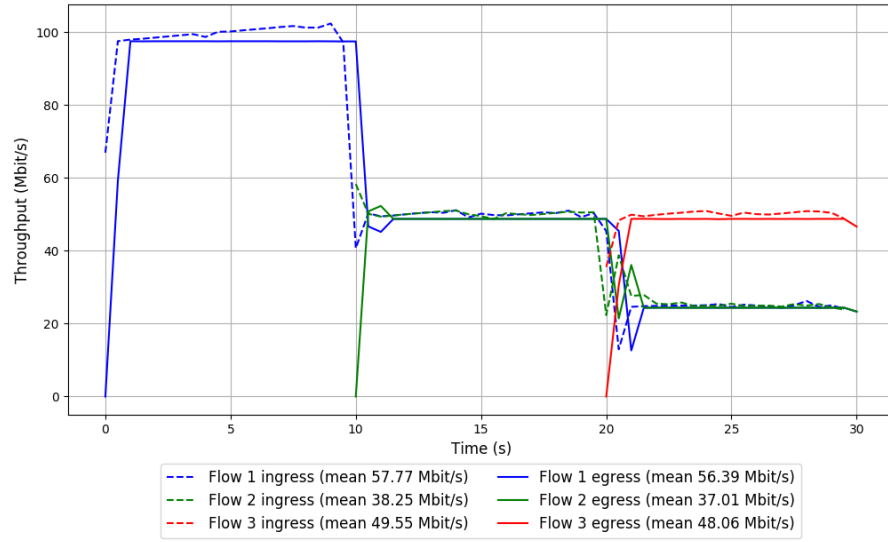


Run 3: Statistics of TCP BBR

Start at: 2018-08-02 00:57:03
End at: 2018-08-02 00:57:33
Local clock offset: 1.789 ms
Remote clock offset: -9.732 ms

Below is generated by plot.py at 2018-08-02 03:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 50.124 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 50.027 ms
Loss rate: 2.50%
-- Flow 2:
Average throughput: 37.01 Mbit/s
95th percentile per-packet one-way delay: 56.903 ms
Loss rate: 3.41%
-- Flow 3:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 49.883 ms
Loss rate: 3.33%

Run 3: Report of TCP BBR — Data Link

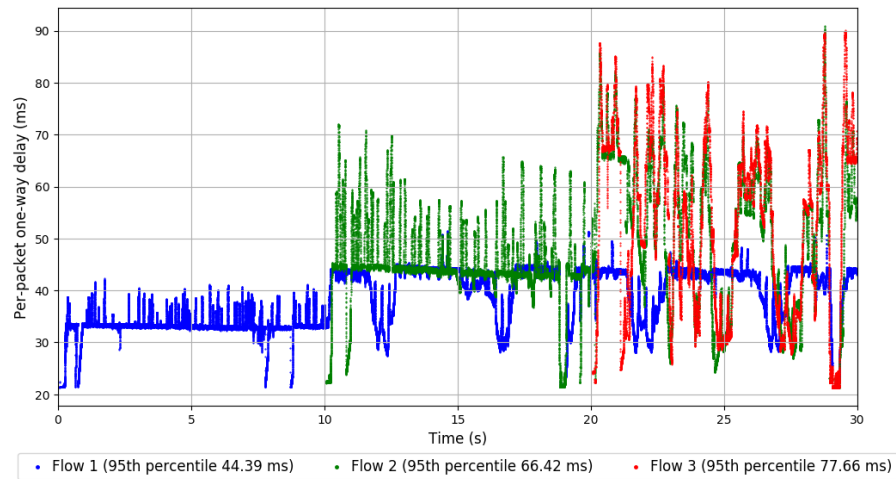
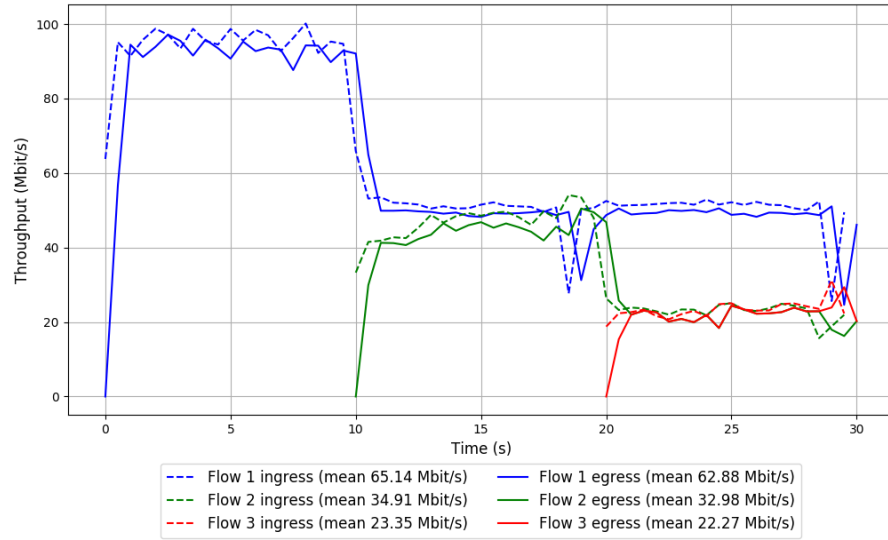


Run 4: Statistics of TCP BBR

Start at: 2018-08-02 01:17:11
End at: 2018-08-02 01:17:41
Local clock offset: -2.193 ms
Remote clock offset: -12.518 ms

Below is generated by plot.py at 2018-08-02 03:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 62.586 ms
Loss rate: 4.22%
-- Flow 1:
Average throughput: 62.88 Mbit/s
95th percentile per-packet one-way delay: 44.391 ms
Loss rate: 3.58%
-- Flow 2:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 66.419 ms
Loss rate: 5.68%
-- Flow 3:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 77.664 ms
Loss rate: 5.18%

Run 4: Report of TCP BBR — Data Link

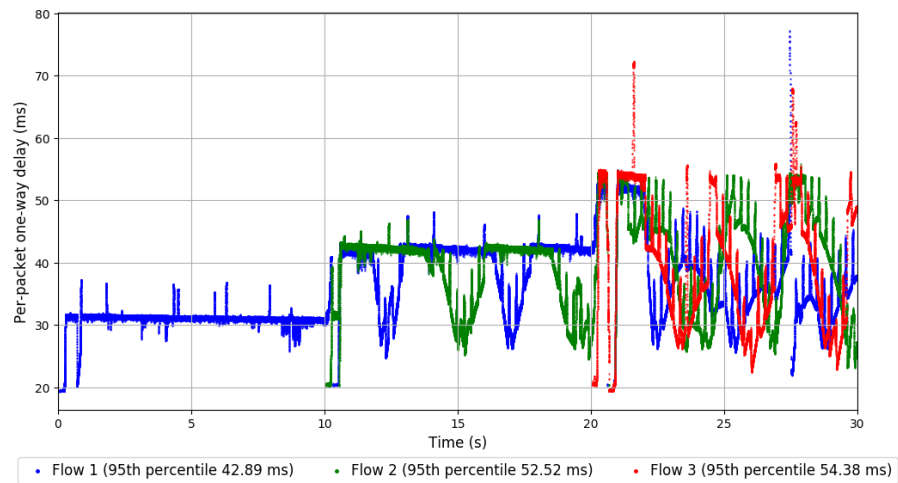
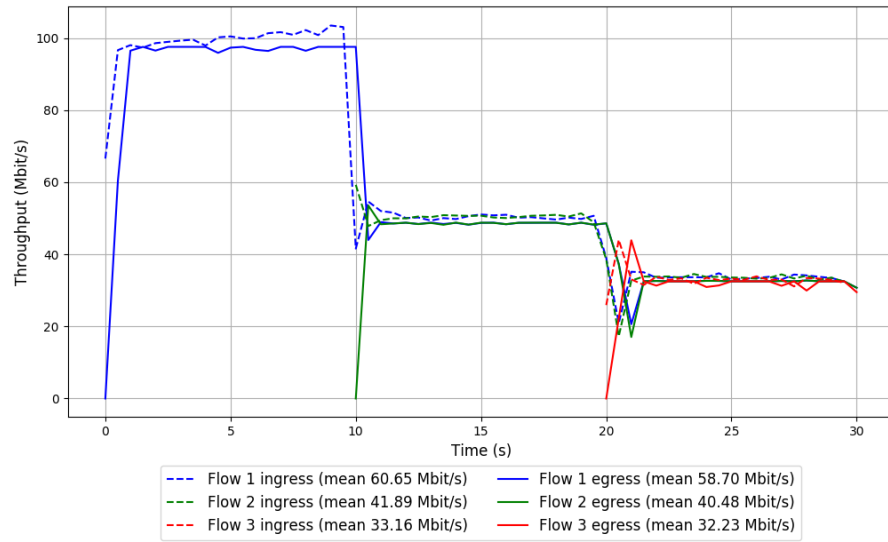


Run 5: Statistics of TCP BBR

Start at: 2018-08-02 01:37:10
End at: 2018-08-02 01:37:40
Local clock offset: -3.079 ms
Remote clock offset: -12.106 ms

Below is generated by plot.py at 2018-08-02 03:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 51.960 ms
Loss rate: 3.37%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 42.892 ms
Loss rate: 3.33%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 52.521 ms
Loss rate: 3.55%
-- Flow 3:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 54.380 ms
Loss rate: 3.15%

Run 5: Report of TCP BBR — Data Link

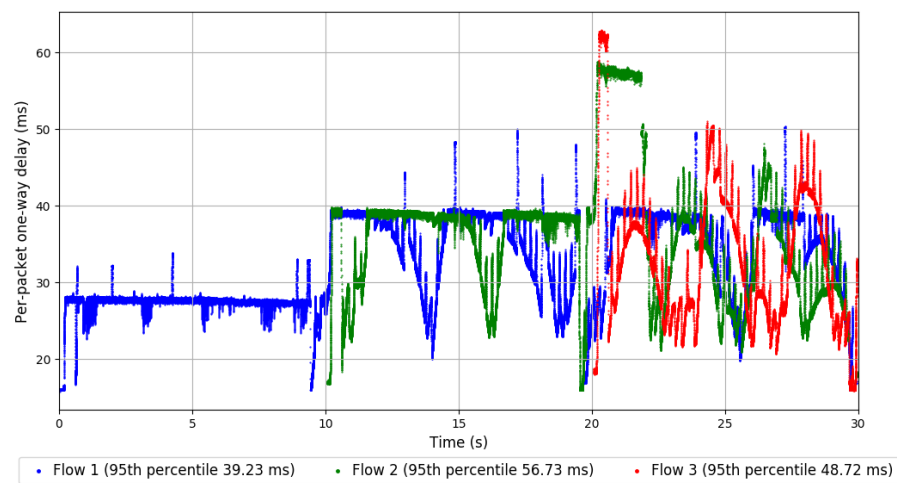
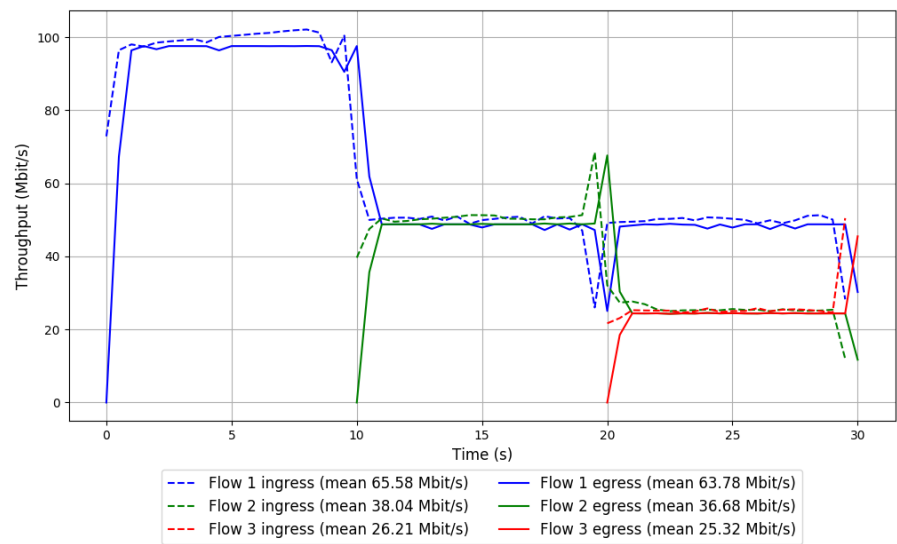


Run 6: Statistics of TCP BBR

Start at: 2018-08-02 01:57:19
End at: 2018-08-02 01:57:49
Local clock offset: -1.495 ms
Remote clock offset: -13.938 ms

Below is generated by plot.py at 2018-08-02 03:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 39.566 ms
Loss rate: 3.14%
-- Flow 1:
Average throughput: 63.78 Mbit/s
95th percentile per-packet one-way delay: 39.231 ms
Loss rate: 2.84%
-- Flow 2:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 56.732 ms
Loss rate: 3.70%
-- Flow 3:
Average throughput: 25.32 Mbit/s
95th percentile per-packet one-way delay: 48.724 ms
Loss rate: 3.75%

Run 6: Report of TCP BBR — Data Link

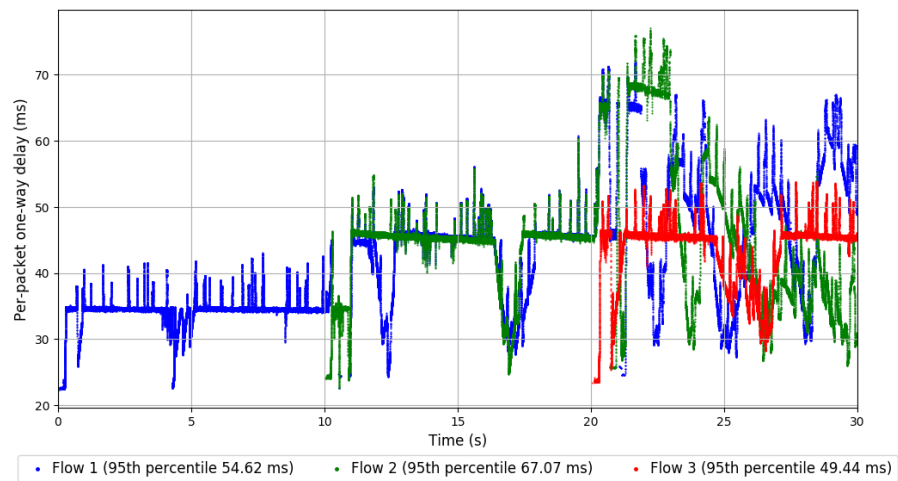
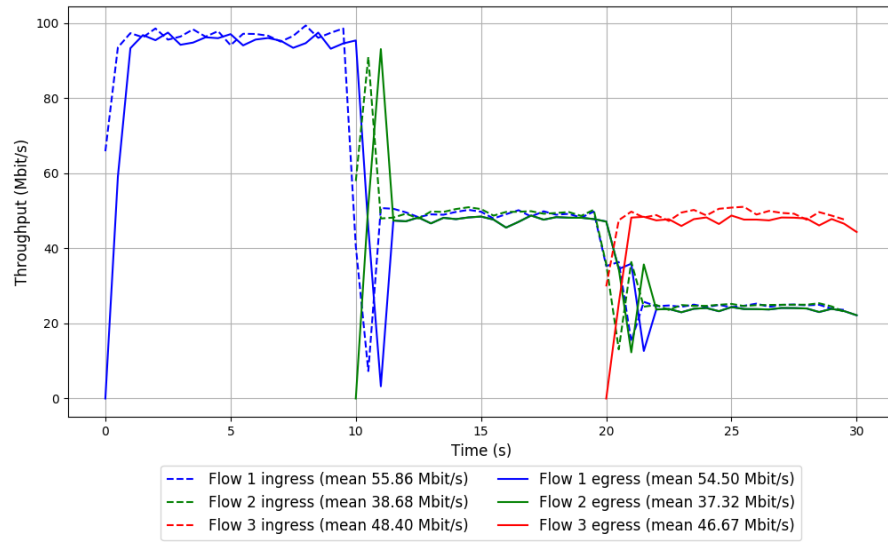


Run 7: Statistics of TCP BBR

Start at: 2018-08-02 02:17:47
End at: 2018-08-02 02:18:17
Local clock offset: -0.664 ms
Remote clock offset: -5.099 ms

Below is generated by plot.py at 2018-08-02 03:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 55.114 ms
Loss rate: 3.06%
-- Flow 1:
Average throughput: 54.50 Mbit/s
95th percentile per-packet one-way delay: 54.616 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 37.32 Mbit/s
95th percentile per-packet one-way delay: 67.074 ms
Loss rate: 3.66%
-- Flow 3:
Average throughput: 46.67 Mbit/s
95th percentile per-packet one-way delay: 49.438 ms
Loss rate: 3.90%

Run 7: Report of TCP BBR — Data Link

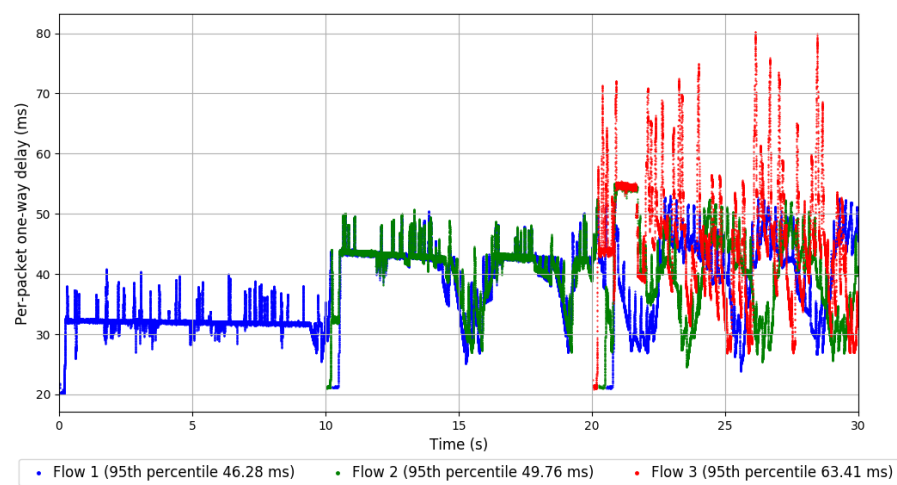
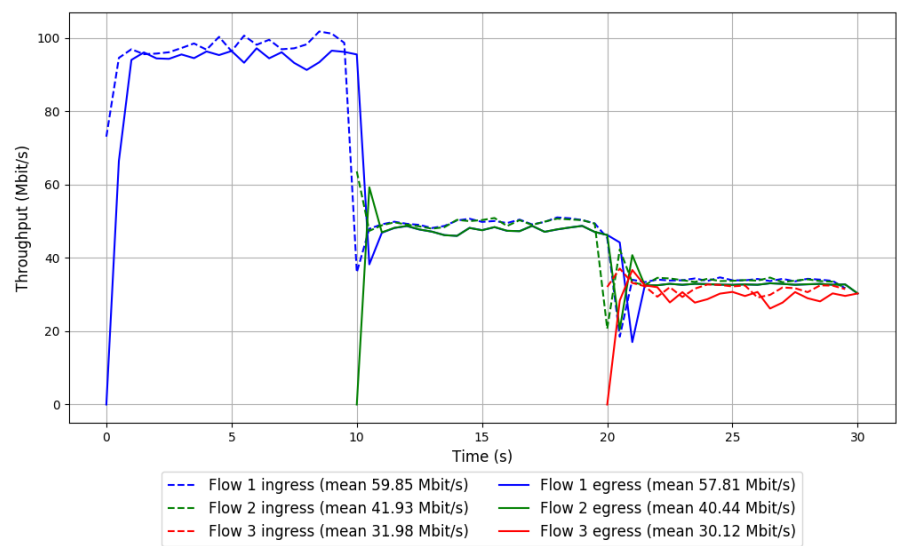


Run 8: Statistics of TCP BBR

Start at: 2018-08-02 02:38:05
End at: 2018-08-02 02:38:35
Local clock offset: 1.821 ms
Remote clock offset: -6.185 ms

Below is generated by plot.py at 2018-08-02 03:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 49.965 ms
Loss rate: 3.84%
-- Flow 1:
Average throughput: 57.81 Mbit/s
95th percentile per-packet one-way delay: 46.277 ms
Loss rate: 3.50%
-- Flow 2:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 49.762 ms
Loss rate: 3.70%
-- Flow 3:
Average throughput: 30.12 Mbit/s
95th percentile per-packet one-way delay: 63.411 ms
Loss rate: 6.11%

Run 8: Report of TCP BBR — Data Link

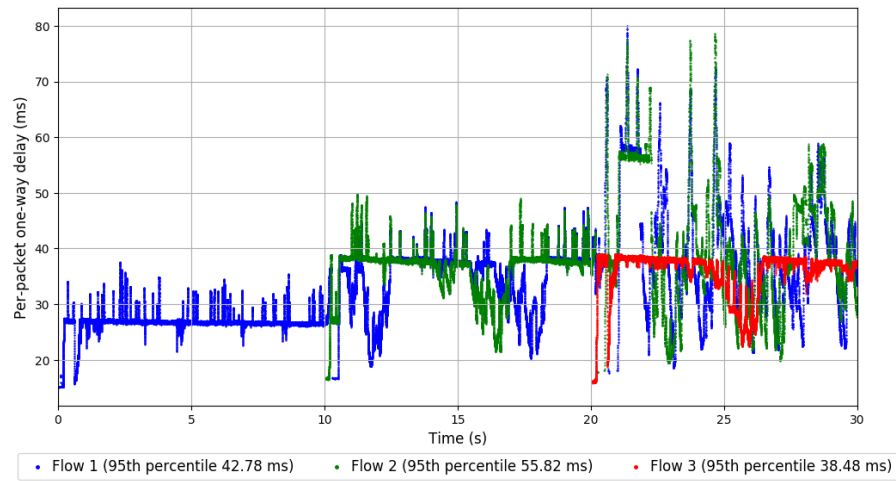
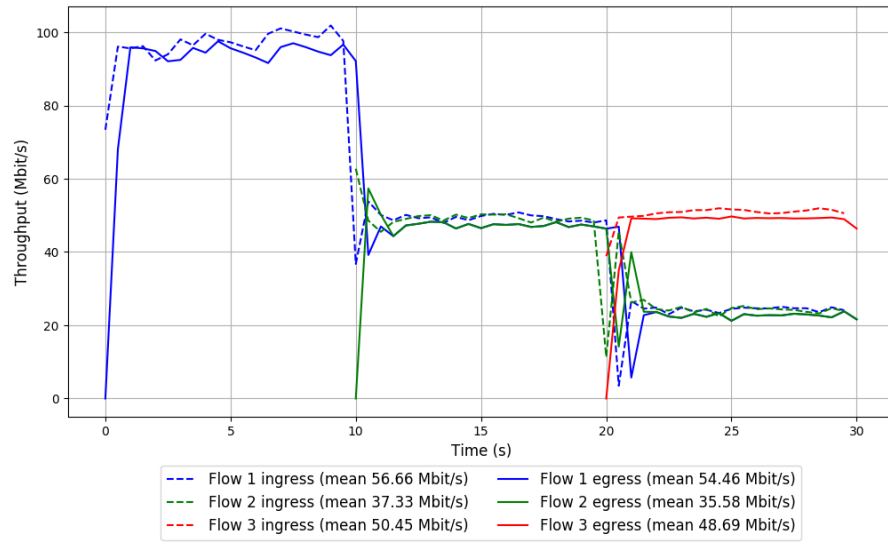


Run 9: Statistics of TCP BBR

Start at: 2018-08-02 02:58:21
End at: 2018-08-02 02:58:51
Local clock offset: -1.984 ms
Remote clock offset: -6.391 ms

Below is generated by plot.py at 2018-08-02 03:42:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 44.790 ms
Loss rate: 4.18%
-- Flow 1:
Average throughput: 54.46 Mbit/s
95th percentile per-packet one-way delay: 42.783 ms
Loss rate: 3.98%
-- Flow 2:
Average throughput: 35.58 Mbit/s
95th percentile per-packet one-way delay: 55.820 ms
Loss rate: 4.84%
-- Flow 3:
Average throughput: 48.69 Mbit/s
95th percentile per-packet one-way delay: 38.477 ms
Loss rate: 3.86%

Run 9: Report of TCP BBR — Data Link

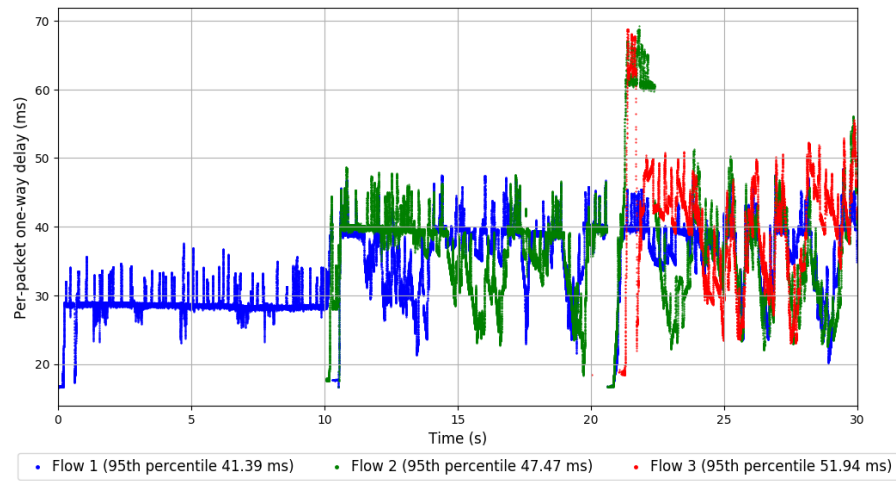
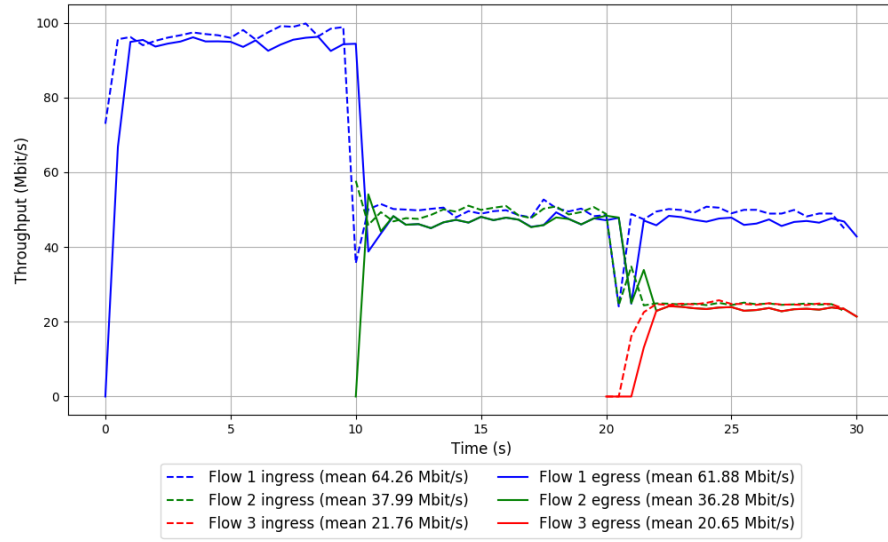


Run 10: Statistics of TCP BBR

Start at: 2018-08-02 03:18:24
End at: 2018-08-02 03:18:54
Local clock offset: -2.822 ms
Remote clock offset: -8.837 ms

Below is generated by plot.py at 2018-08-02 03:42:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 44.608 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 61.88 Mbit/s
95th percentile per-packet one-way delay: 41.389 ms
Loss rate: 3.82%
-- Flow 2:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 47.470 ms
Loss rate: 4.68%
-- Flow 3:
Average throughput: 20.65 Mbit/s
95th percentile per-packet one-way delay: 51.935 ms
Loss rate: 5.46%

Run 10: Report of TCP BBR — Data Link

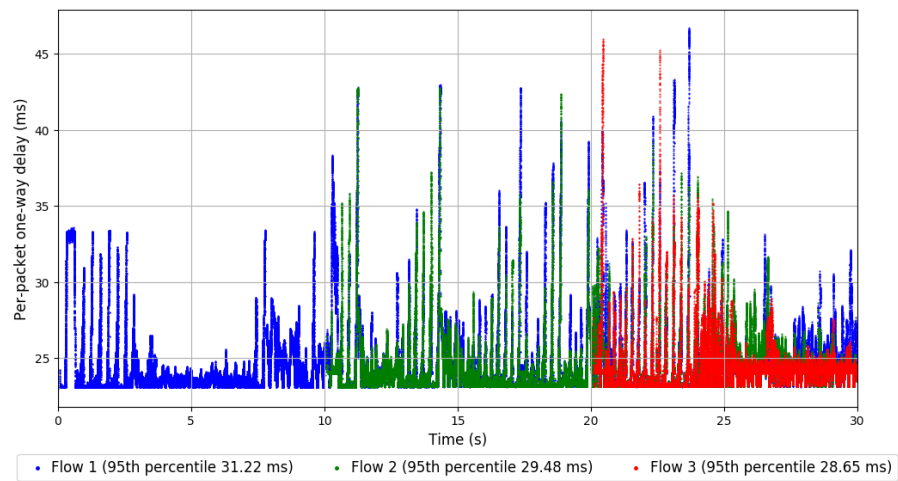
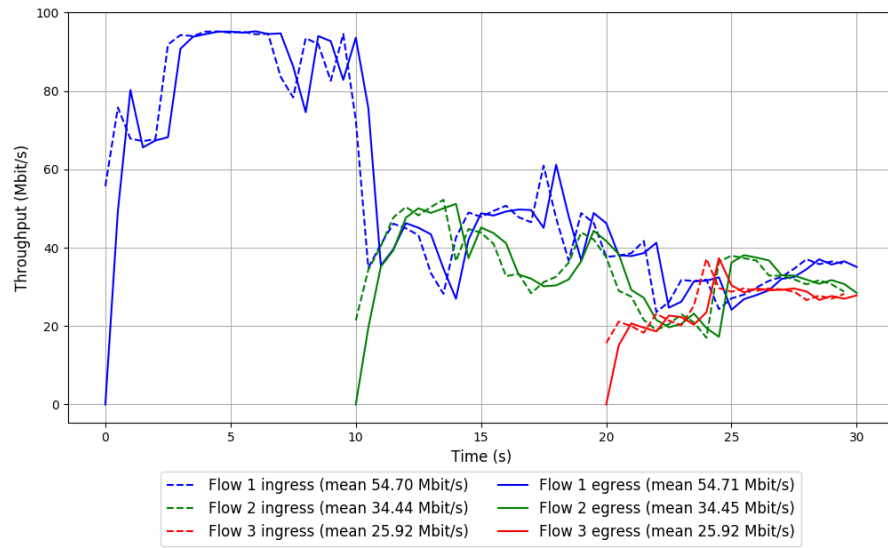


Run 1: Statistics of Copa

Start at: 2018-08-02 00:18:47
End at: 2018-08-02 00:19:17
Local clock offset: -1.708 ms
Remote clock offset: -7.911 ms

Below is generated by plot.py at 2018-08-02 03:43:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.24 Mbit/s
95th percentile per-packet one-way delay: 30.359 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.71 Mbit/s
95th percentile per-packet one-way delay: 31.221 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 34.45 Mbit/s
95th percentile per-packet one-way delay: 29.480 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 25.92 Mbit/s
95th percentile per-packet one-way delay: 28.647 ms
Loss rate: 0.35%

Run 1: Report of Copa — Data Link

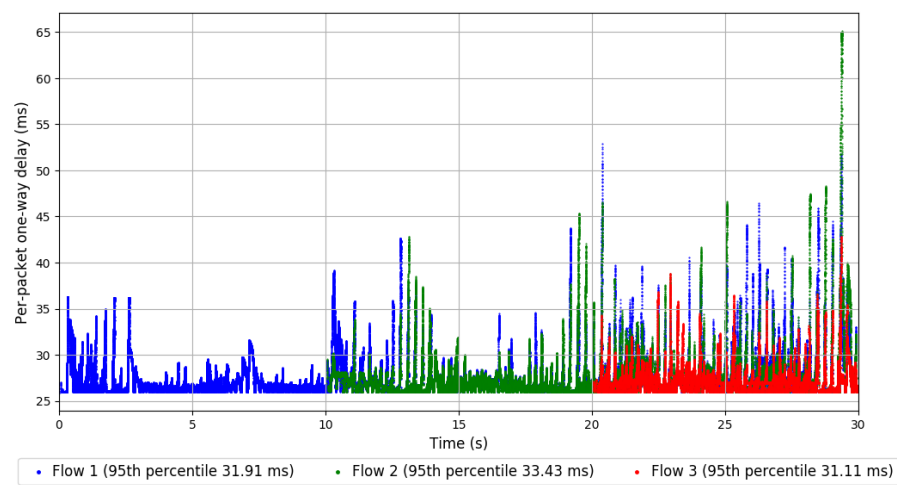
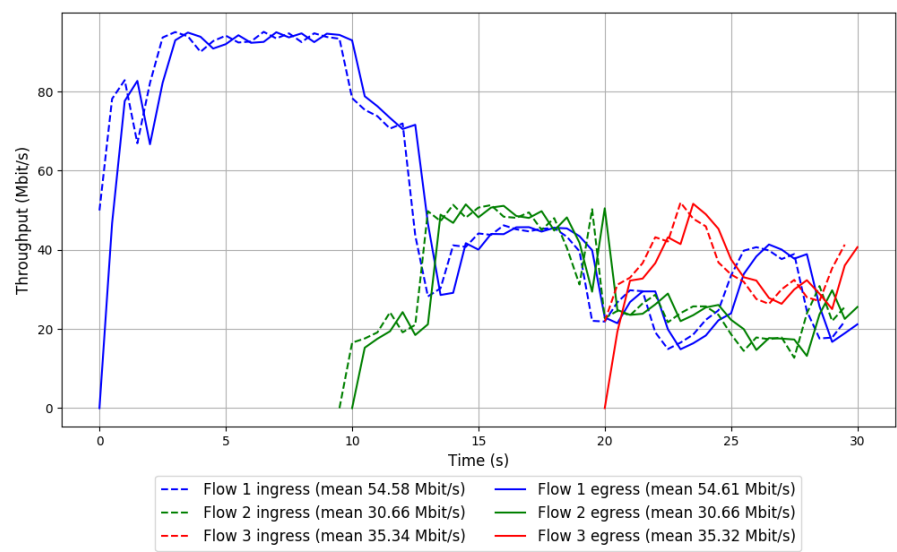


Run 2: Statistics of Copa

Start at: 2018-08-02 00:38:54
End at: 2018-08-02 00:39:24
Local clock offset: 1.142 ms
Remote clock offset: -6.711 ms

Below is generated by plot.py at 2018-08-02 03:43:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 32.083 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 31.909 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 33.434 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 35.32 Mbit/s
95th percentile per-packet one-way delay: 31.108 ms
Loss rate: 0.39%

Run 2: Report of Copa — Data Link

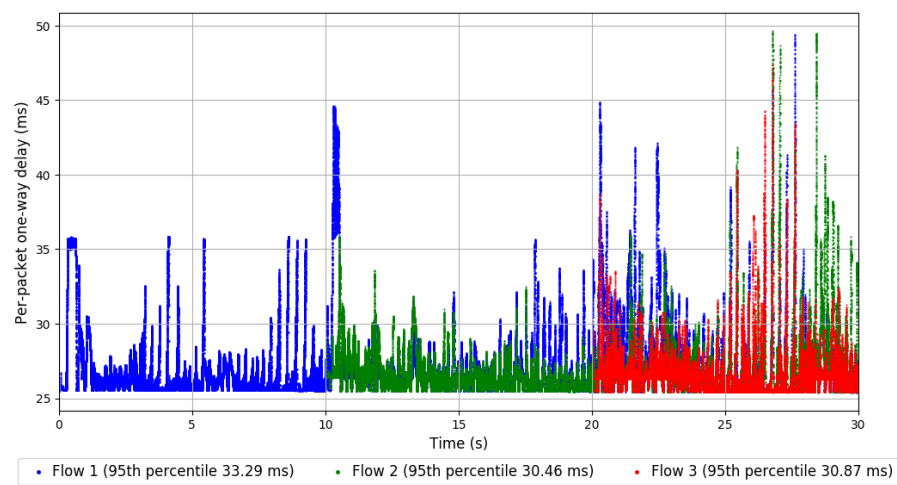
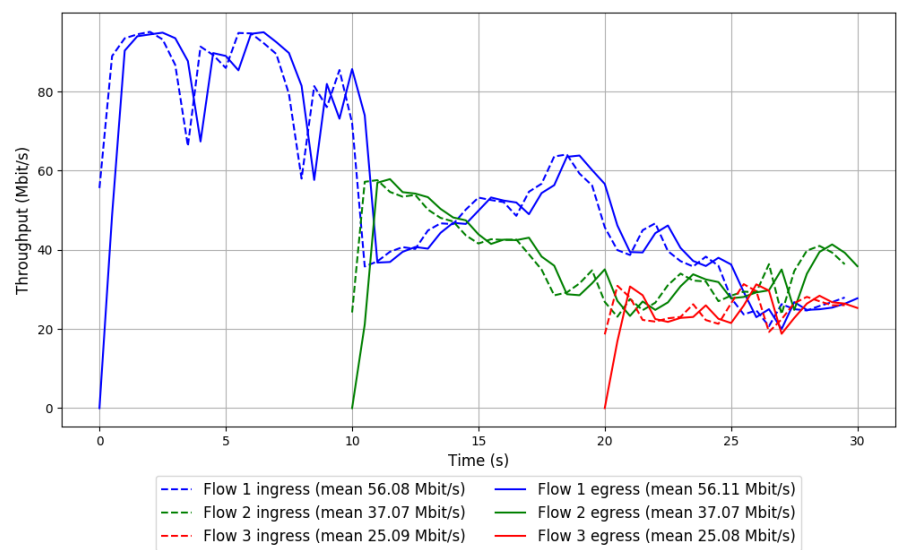


Run 3: Statistics of Copa

Start at: 2018-08-02 00:59:21
End at: 2018-08-02 00:59:51
Local clock offset: 0.359 ms
Remote clock offset: -10.982 ms

Below is generated by plot.py at 2018-08-02 03:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.11 Mbit/s
95th percentile per-packet one-way delay: 31.968 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 56.11 Mbit/s
95th percentile per-packet one-way delay: 33.290 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 30.458 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 25.08 Mbit/s
95th percentile per-packet one-way delay: 30.869 ms
Loss rate: 0.37%

Run 3: Report of Copa — Data Link

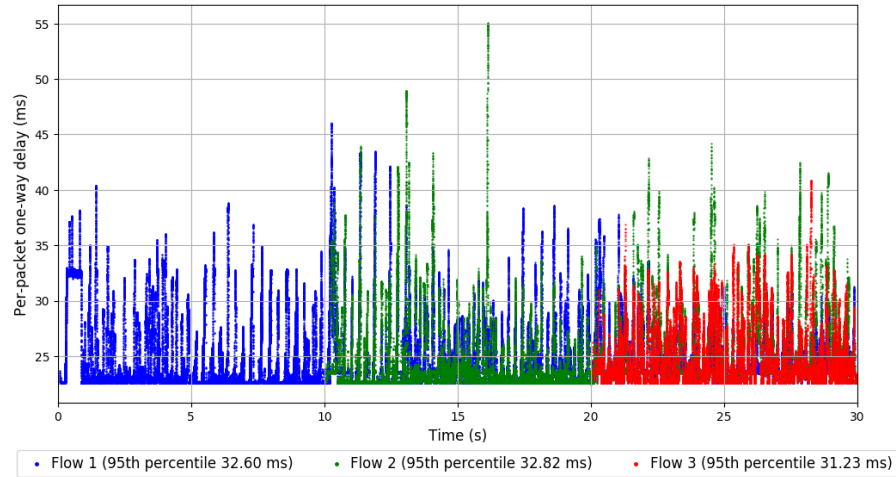
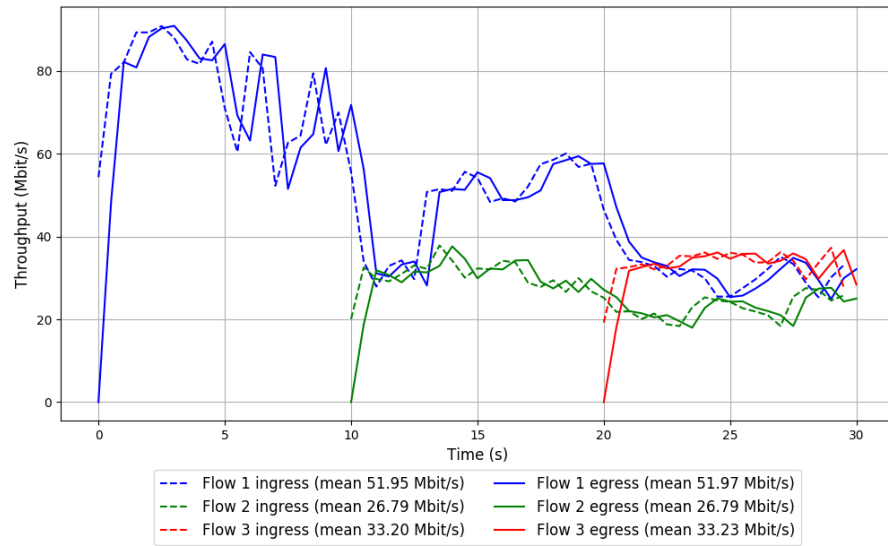


Run 4: Statistics of Copa

Start at: 2018-08-02 01:19:27
End at: 2018-08-02 01:19:57
Local clock offset: -0.972 ms
Remote clock offset: -12.742 ms

Below is generated by plot.py at 2018-08-02 03:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.82 Mbit/s
95th percentile per-packet one-way delay: 32.568 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 51.97 Mbit/s
95th percentile per-packet one-way delay: 32.601 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 26.79 Mbit/s
95th percentile per-packet one-way delay: 32.822 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 31.225 ms
Loss rate: 0.22%

Run 4: Report of Copa — Data Link

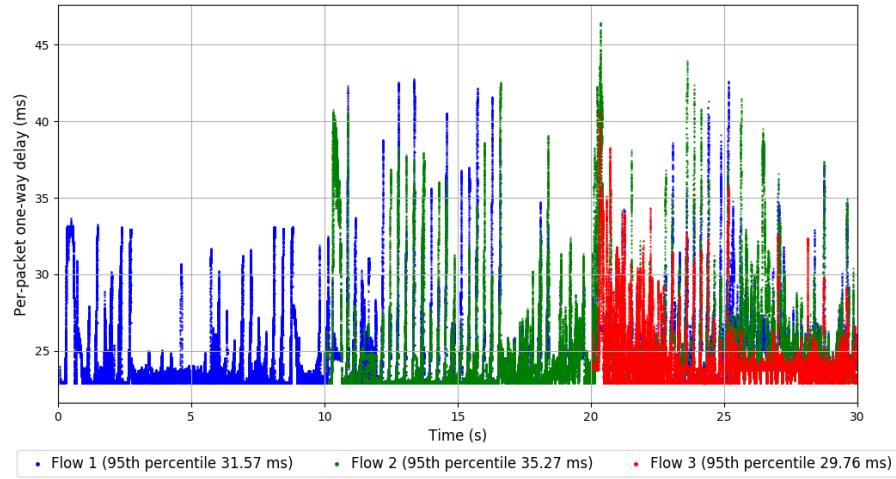
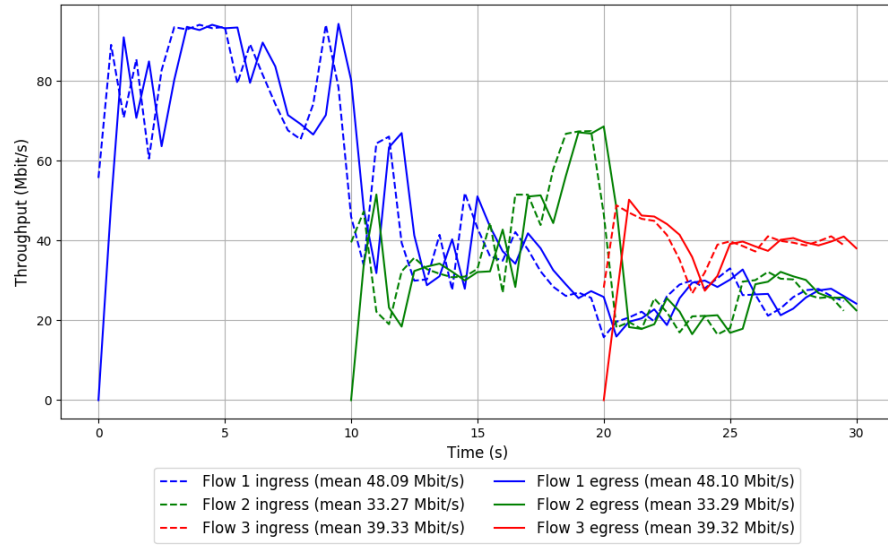


Run 5: Statistics of Copa

Start at: 2018-08-02 01:39:29
End at: 2018-08-02 01:39:59
Local clock offset: 0.462 ms
Remote clock offset: -12.055 ms

Below is generated by plot.py at 2018-08-02 03:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 32.626 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 48.10 Mbit/s
95th percentile per-packet one-way delay: 31.566 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.29 Mbit/s
95th percentile per-packet one-way delay: 35.268 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 39.32 Mbit/s
95th percentile per-packet one-way delay: 29.757 ms
Loss rate: 0.36%

Run 5: Report of Copa — Data Link

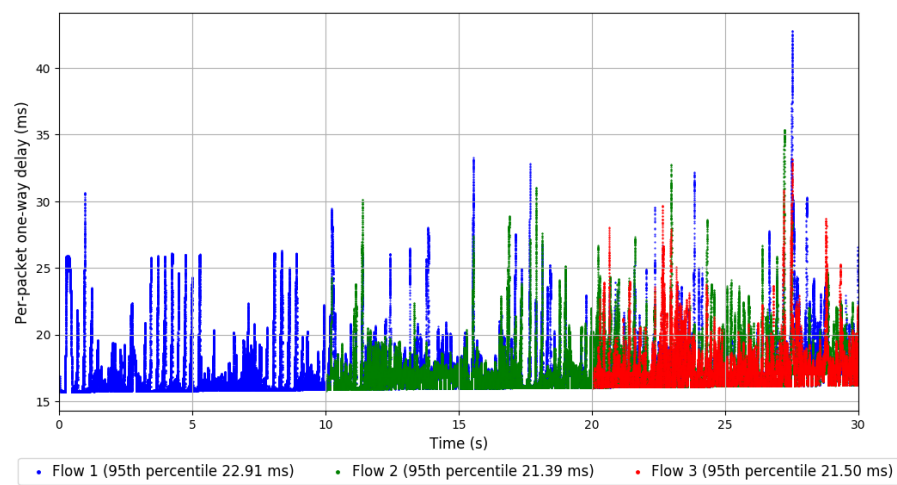
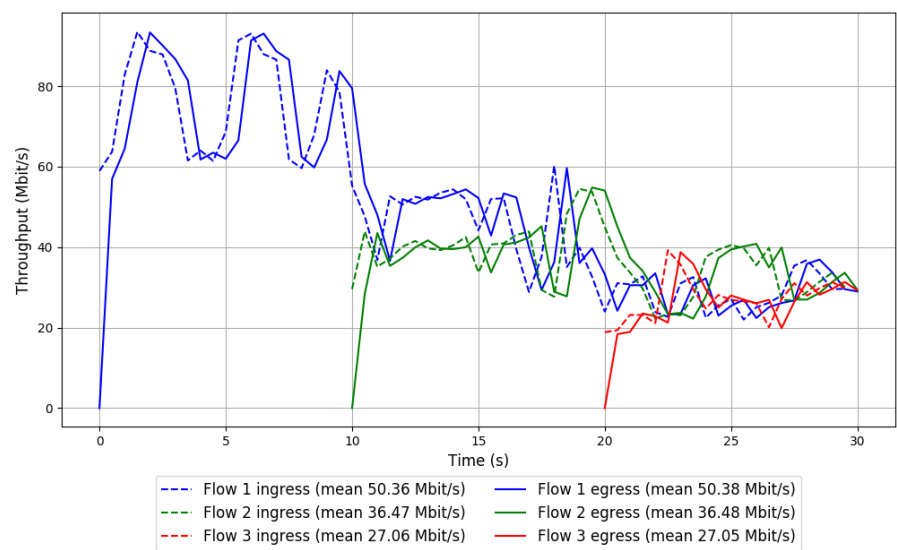


Run 6: Statistics of Copa

Start at: 2018-08-02 01:59:35
End at: 2018-08-02 02:00:05
Local clock offset: -0.999 ms
Remote clock offset: -13.256 ms

Below is generated by plot.py at 2018-08-02 03:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 22.135 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 50.38 Mbit/s
95th percentile per-packet one-way delay: 22.909 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 21.388 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 27.05 Mbit/s
95th percentile per-packet one-way delay: 21.497 ms
Loss rate: 0.30%

Run 6: Report of Copa — Data Link

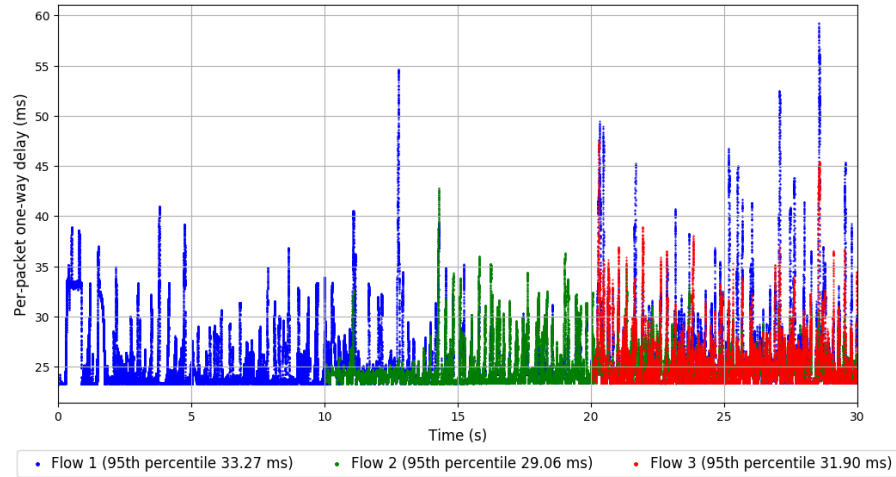
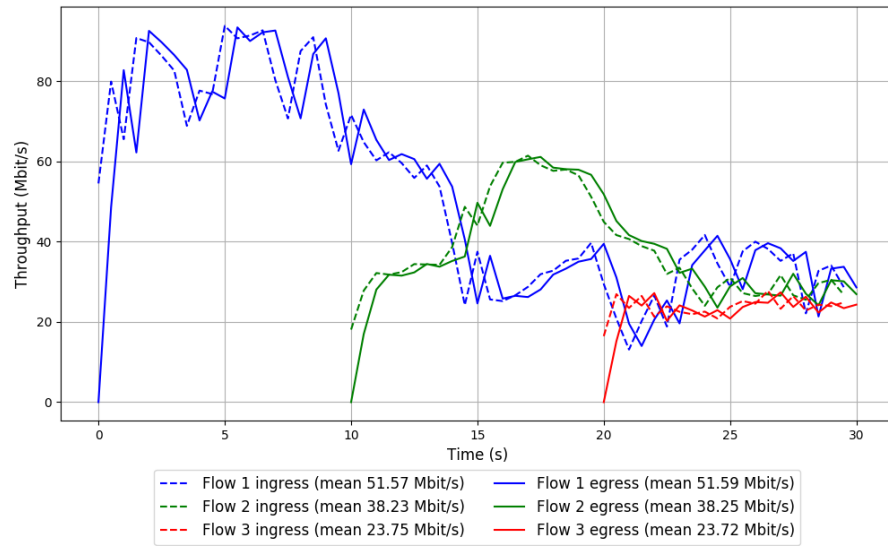


Run 7: Statistics of Copa

Start at: 2018-08-02 02:20:05
End at: 2018-08-02 02:20:35
Local clock offset: -1.102 ms
Remote clock offset: -5.858 ms

Below is generated by plot.py at 2018-08-02 03:44:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.92 Mbit/s
95th percentile per-packet one-way delay: 32.481 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 51.59 Mbit/s
95th percentile per-packet one-way delay: 33.267 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.25 Mbit/s
95th percentile per-packet one-way delay: 29.060 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 31.904 ms
Loss rate: 0.48%

Run 7: Report of Copa — Data Link

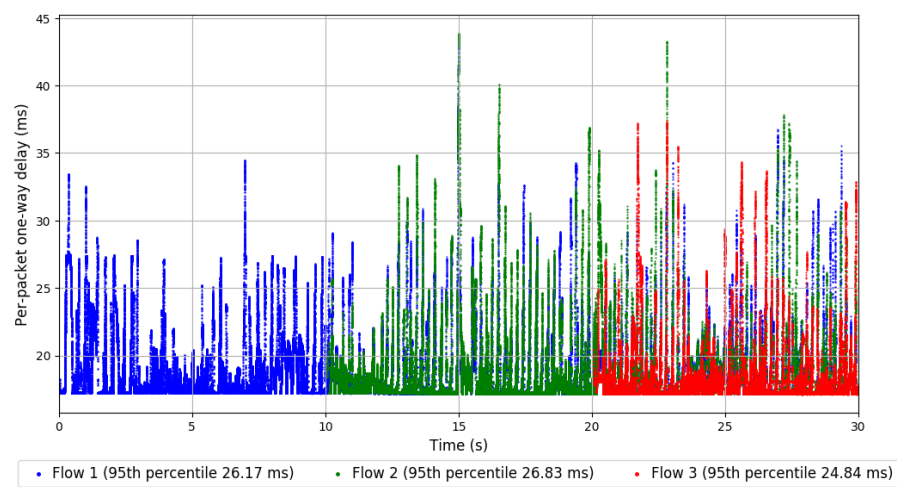
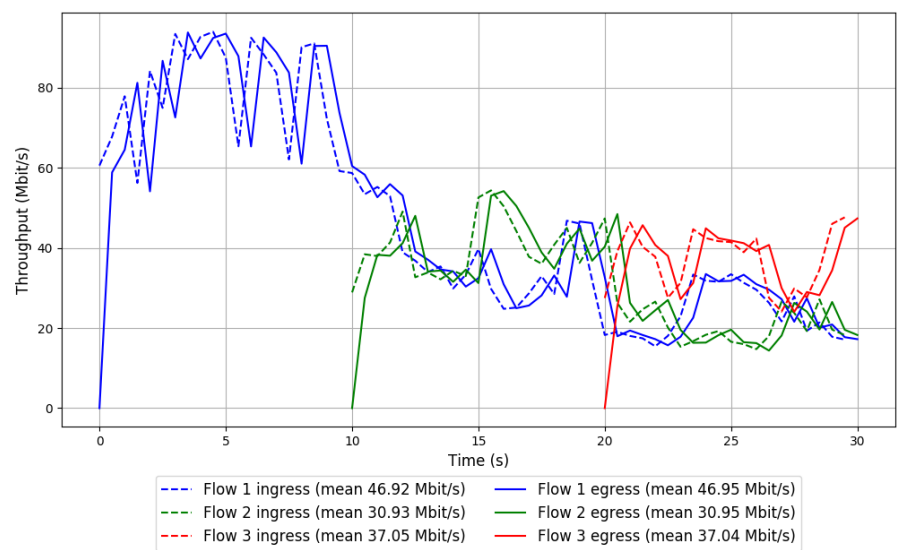


Run 8: Statistics of Copa

Start at: 2018-08-02 02:40:28
End at: 2018-08-02 02:40:58
Local clock offset: -0.159 ms
Remote clock offset: -5.754 ms

Below is generated by plot.py at 2018-08-02 03:44:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.84 Mbit/s
95th percentile per-packet one-way delay: 26.160 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 46.95 Mbit/s
95th percentile per-packet one-way delay: 26.171 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 30.95 Mbit/s
95th percentile per-packet one-way delay: 26.834 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 37.04 Mbit/s
95th percentile per-packet one-way delay: 24.836 ms
Loss rate: 0.32%

Run 8: Report of Copa — Data Link

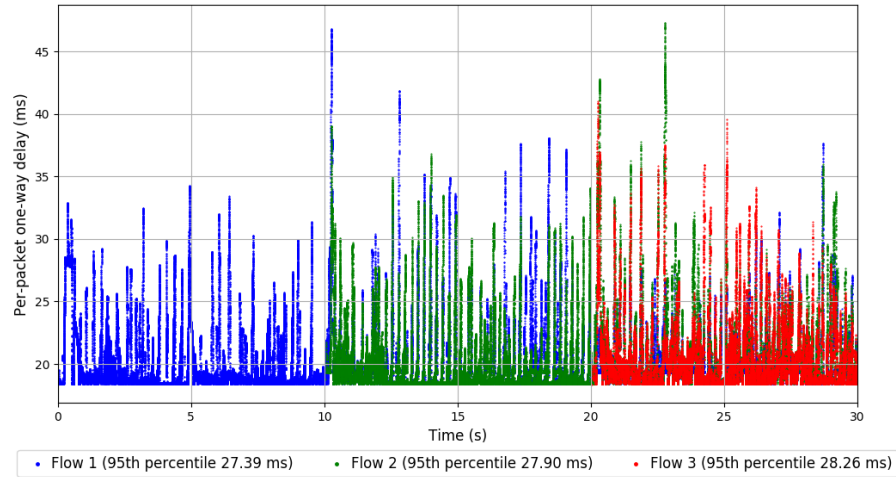
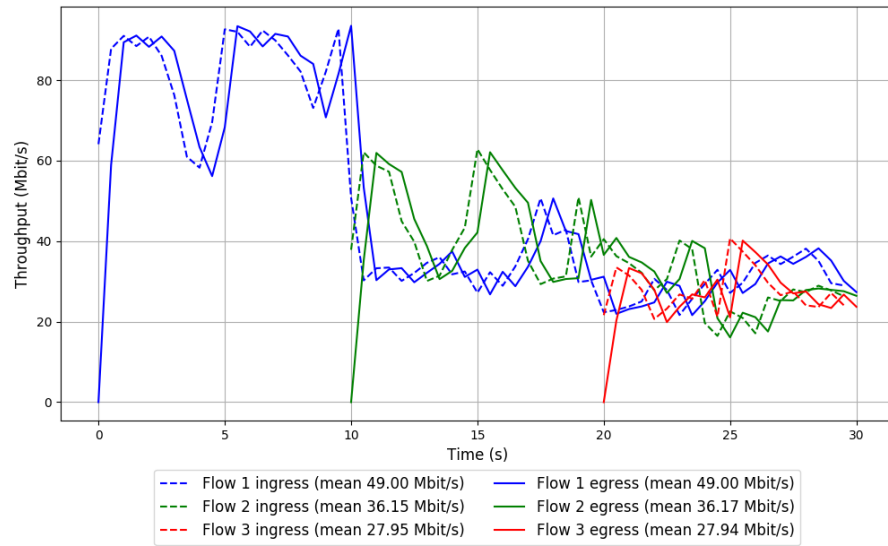


Run 9: Statistics of Copa

Start at: 2018-08-02 03:00:36
End at: 2018-08-02 03:01:06
Local clock offset: -3.66 ms
Remote clock offset: -11.268 ms

Below is generated by plot.py at 2018-08-02 03:44:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.35 Mbit/s
95th percentile per-packet one-way delay: 27.641 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 49.00 Mbit/s
95th percentile per-packet one-way delay: 27.389 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 27.896 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 27.94 Mbit/s
95th percentile per-packet one-way delay: 28.261 ms
Loss rate: 0.31%

Run 9: Report of Copa — Data Link

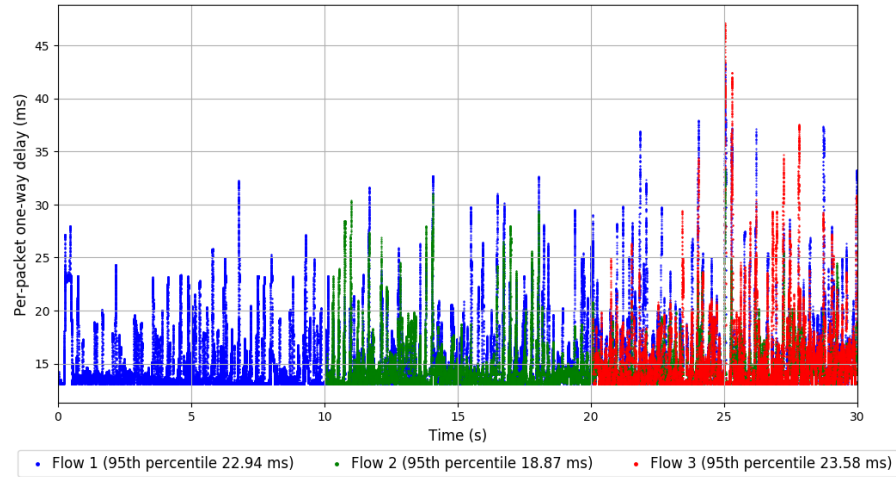
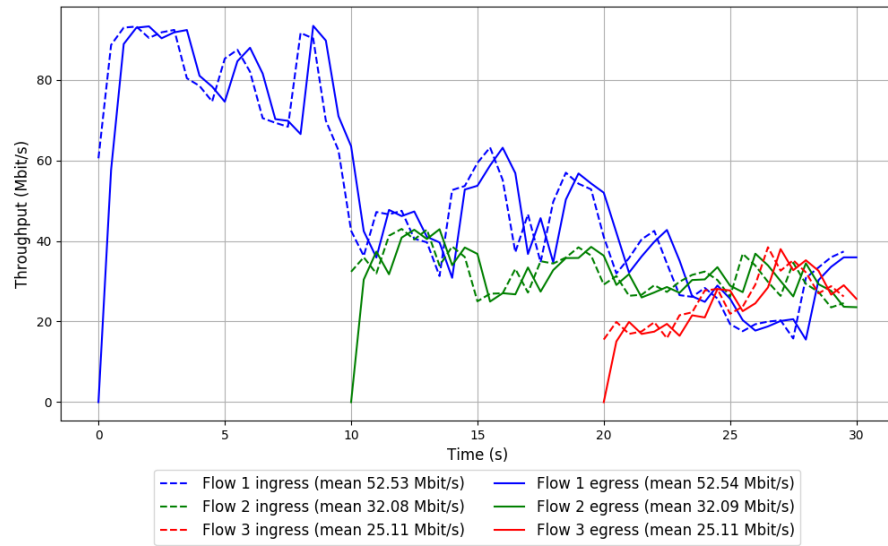


Run 10: Statistics of Copa

Start at: 2018-08-02 03:20:44
End at: 2018-08-02 03:21:14
Local clock offset: -4.81 ms
Remote clock offset: -7.327 ms

Below is generated by plot.py at 2018-08-02 03:45:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 22.256 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 52.54 Mbit/s
95th percentile per-packet one-way delay: 22.936 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 32.09 Mbit/s
95th percentile per-packet one-way delay: 18.867 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 25.11 Mbit/s
95th percentile per-packet one-way delay: 23.580 ms
Loss rate: 0.29%

Run 10: Report of Copa — Data Link

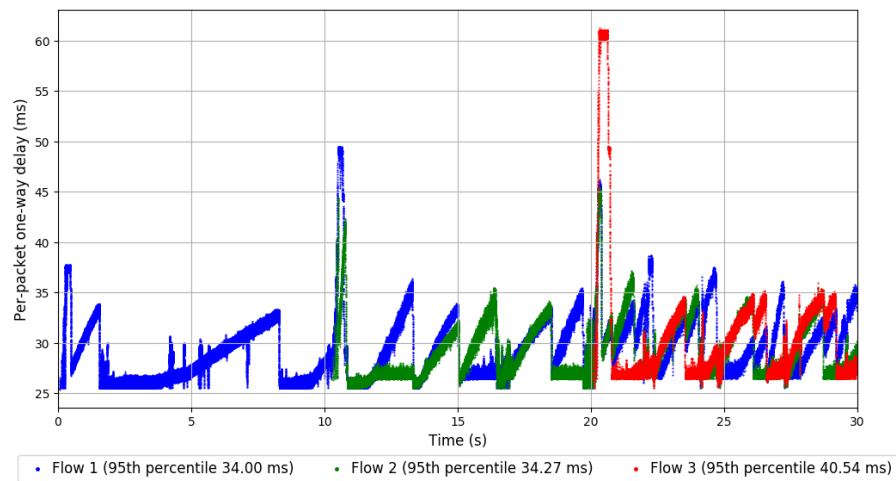
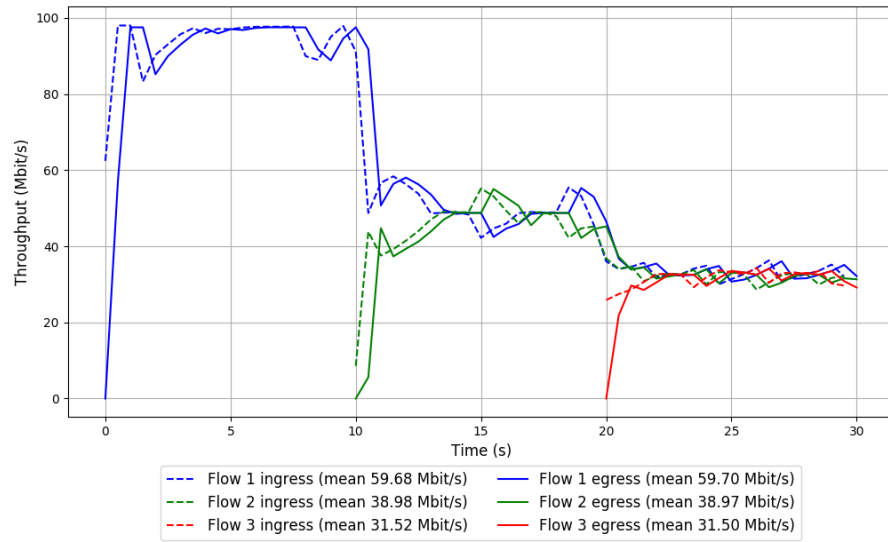


Run 1: Statistics of TCP Cubic

Start at: 2018-08-02 00:23:26
End at: 2018-08-02 00:23:56
Local clock offset: -0.191 ms
Remote clock offset: -8.409 ms

Below is generated by plot.py at 2018-08-02 03:45:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 34.318 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.70 Mbit/s
95th percentile per-packet one-way delay: 34.000 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.97 Mbit/s
95th percentile per-packet one-way delay: 34.273 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 40.543 ms
Loss rate: 0.39%

Run 1: Report of TCP Cubic — Data Link

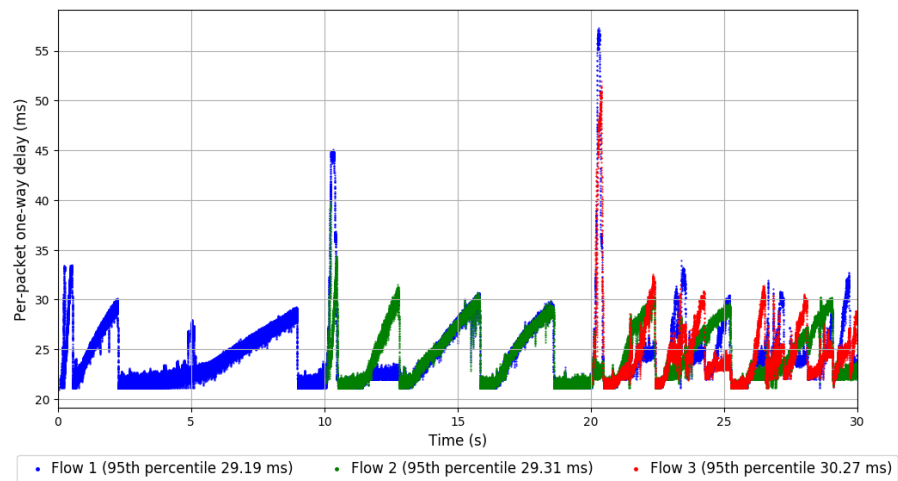
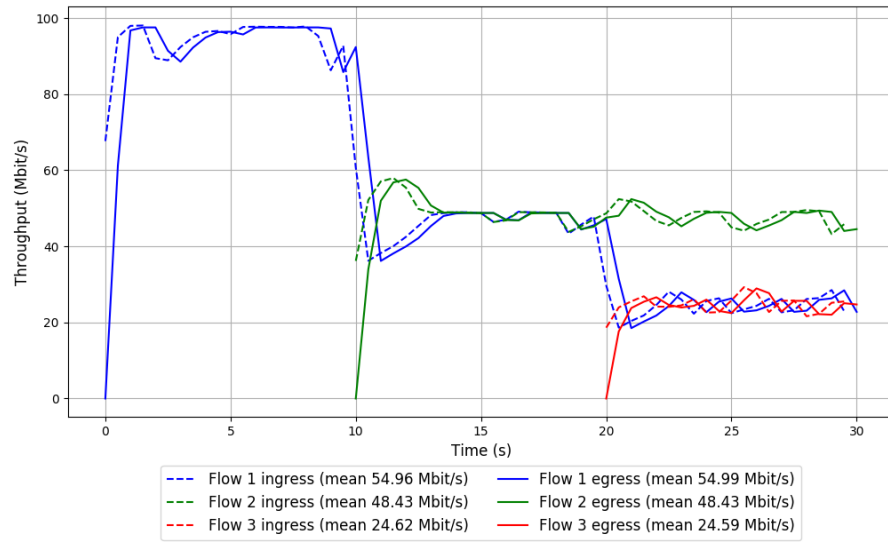


Run 2: Statistics of TCP Cubic

Start at: 2018-08-02 00:43:38
End at: 2018-08-02 00:44:08
Local clock offset: -1.608 ms
Remote clock offset: -4.393 ms

Below is generated by plot.py at 2018-08-02 03:45:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 29.328 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 54.99 Mbit/s
95th percentile per-packet one-way delay: 29.186 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 48.43 Mbit/s
95th percentile per-packet one-way delay: 29.308 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 30.265 ms
Loss rate: 0.44%

Run 2: Report of TCP Cubic — Data Link

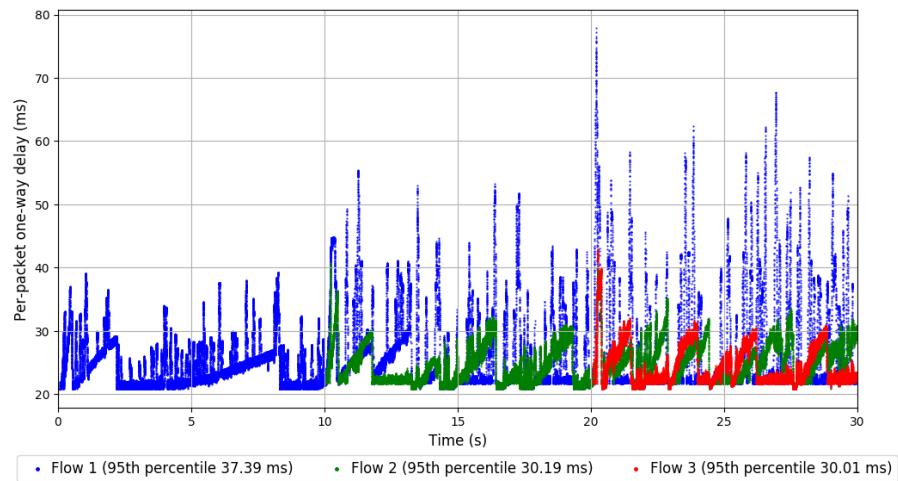
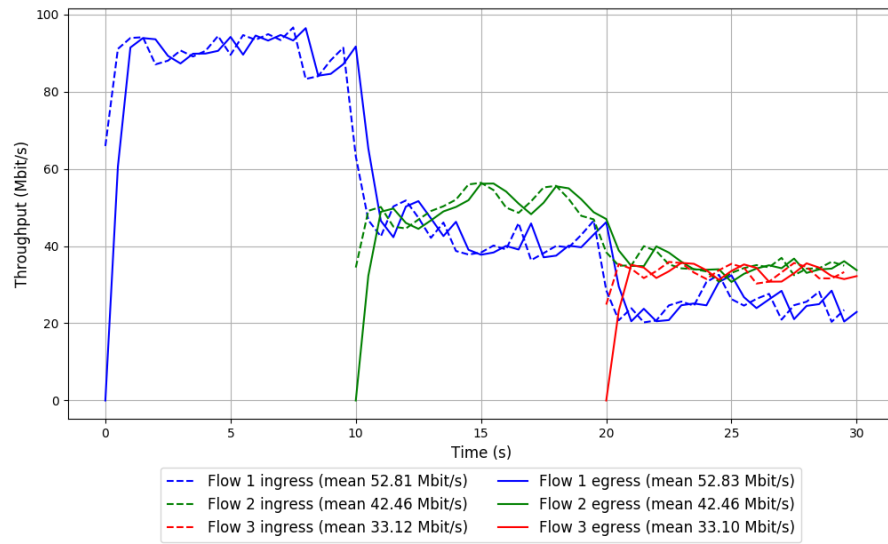


Run 3: Statistics of TCP Cubic

Start at: 2018-08-02 01:04:05
End at: 2018-08-02 01:04:35
Local clock offset: -1.932 ms
Remote clock offset: -9.896 ms

Below is generated by plot.py at 2018-08-02 03:45:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 34.087 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 52.83 Mbit/s
95th percentile per-packet one-way delay: 37.387 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 42.46 Mbit/s
95th percentile per-packet one-way delay: 30.193 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 33.10 Mbit/s
95th percentile per-packet one-way delay: 30.006 ms
Loss rate: 0.40%

Run 3: Report of TCP Cubic — Data Link

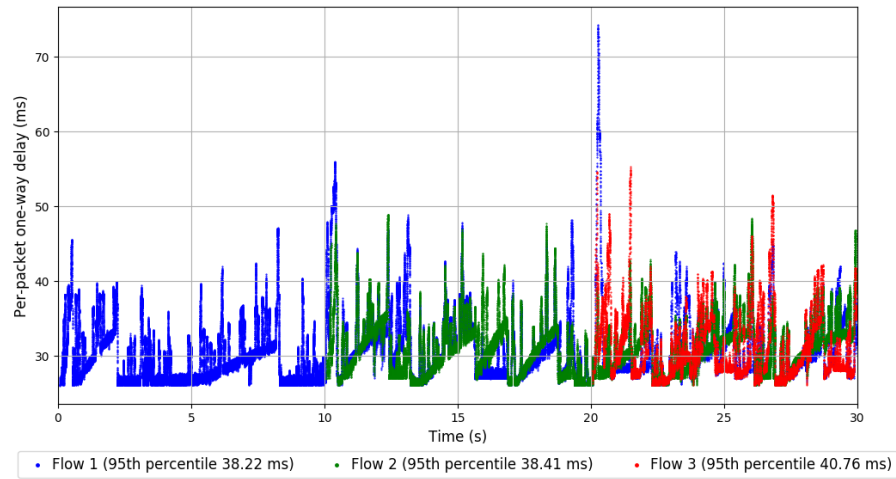
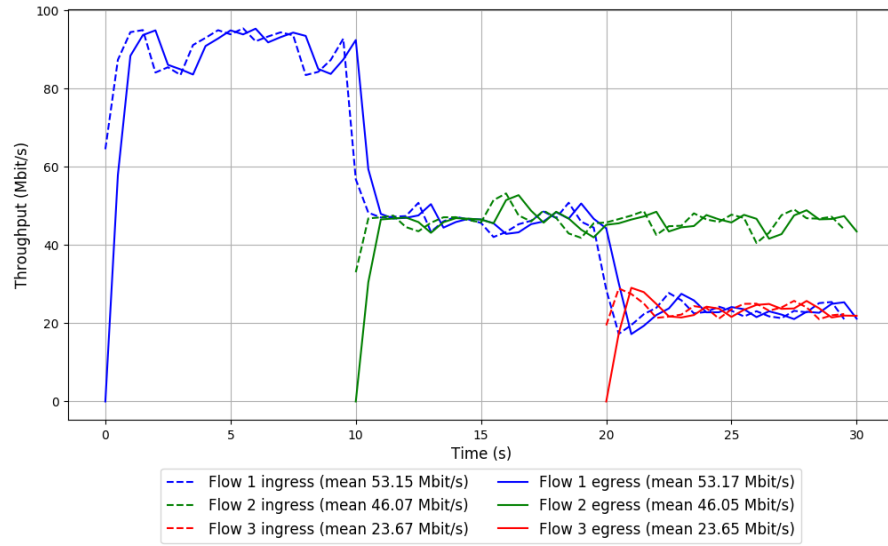


Run 4: Statistics of TCP Cubic

Start at: 2018-08-02 01:24:05
End at: 2018-08-02 01:24:35
Local clock offset: 1.105 ms
Remote clock offset: -14.666 ms

Below is generated by plot.py at 2018-08-02 03:45:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.67 Mbit/s
95th percentile per-packet one-way delay: 38.431 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 38.224 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 46.05 Mbit/s
95th percentile per-packet one-way delay: 38.415 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.65 Mbit/s
95th percentile per-packet one-way delay: 40.760 ms
Loss rate: 0.41%

Run 4: Report of TCP Cubic — Data Link

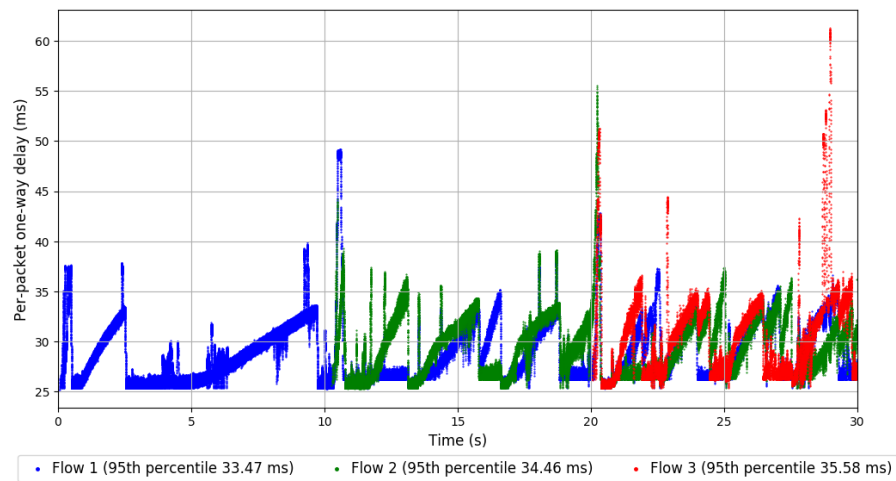
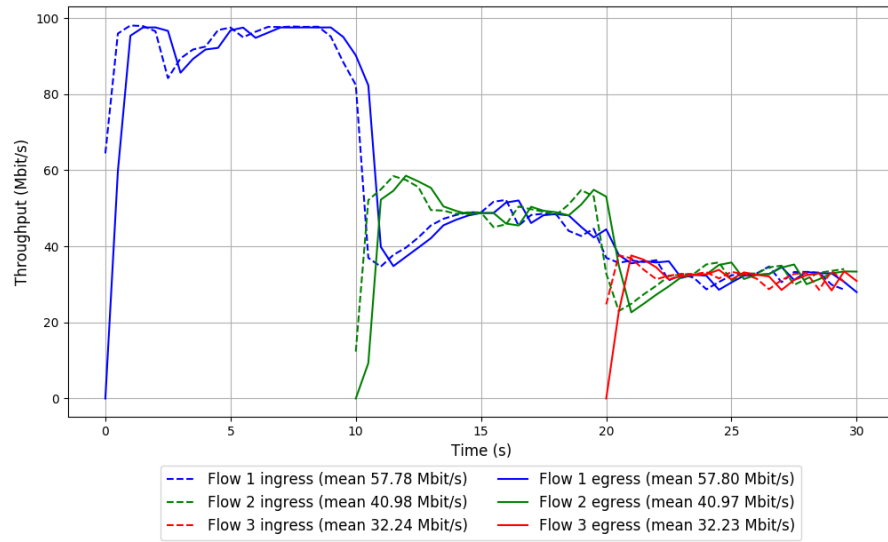


Run 5: Statistics of TCP Cubic

Start at: 2018-08-02 01:44:10
End at: 2018-08-02 01:44:40
Local clock offset: 1.738 ms
Remote clock offset: -13.304 ms

Below is generated by plot.py at 2018-08-02 03:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 34.347 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 33.470 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.97 Mbit/s
95th percentile per-packet one-way delay: 34.461 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 35.580 ms
Loss rate: 0.35%

Run 5: Report of TCP Cubic — Data Link

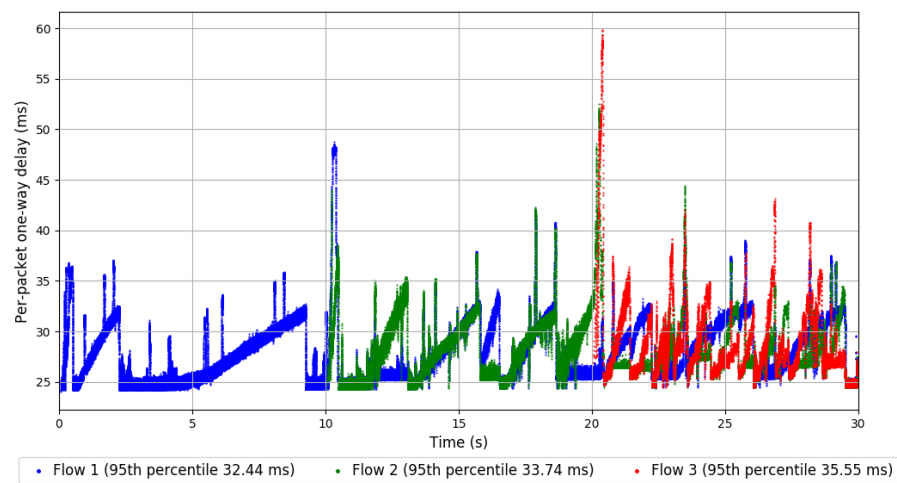
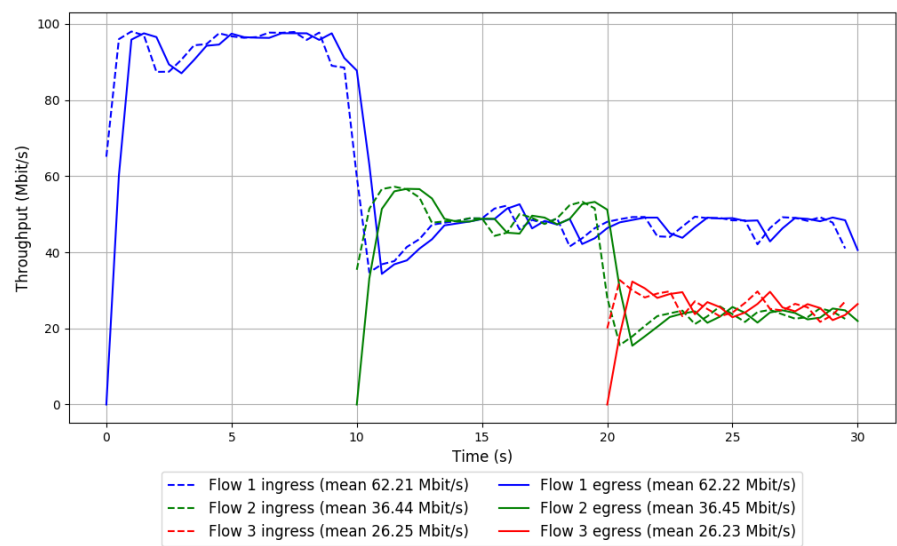


Run 6: Statistics of TCP Cubic

Start at: 2018-08-02 02:04:27
End at: 2018-08-02 02:04:57
Local clock offset: -0.351 ms
Remote clock offset: -10.985 ms

Below is generated by plot.py at 2018-08-02 03:45:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.19 Mbit/s
95th percentile per-packet one-way delay: 33.243 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 62.22 Mbit/s
95th percentile per-packet one-way delay: 32.436 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 33.745 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 26.23 Mbit/s
95th percentile per-packet one-way delay: 35.546 ms
Loss rate: 0.40%

Run 6: Report of TCP Cubic — Data Link

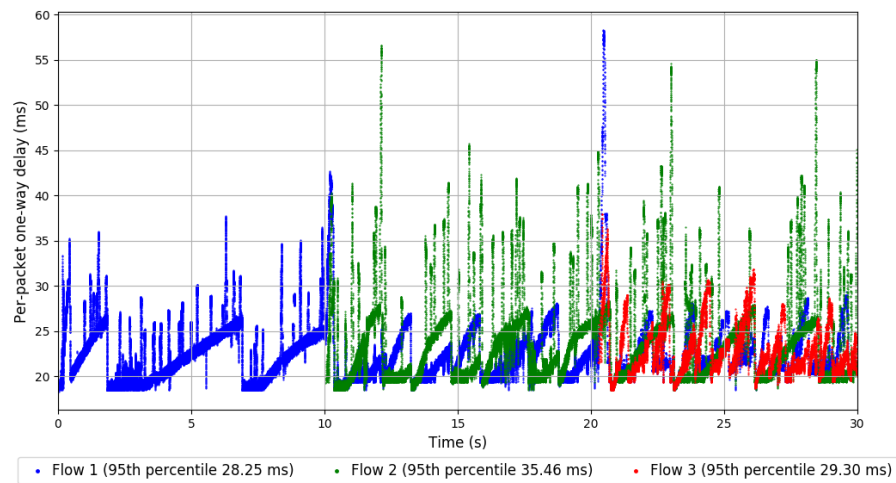
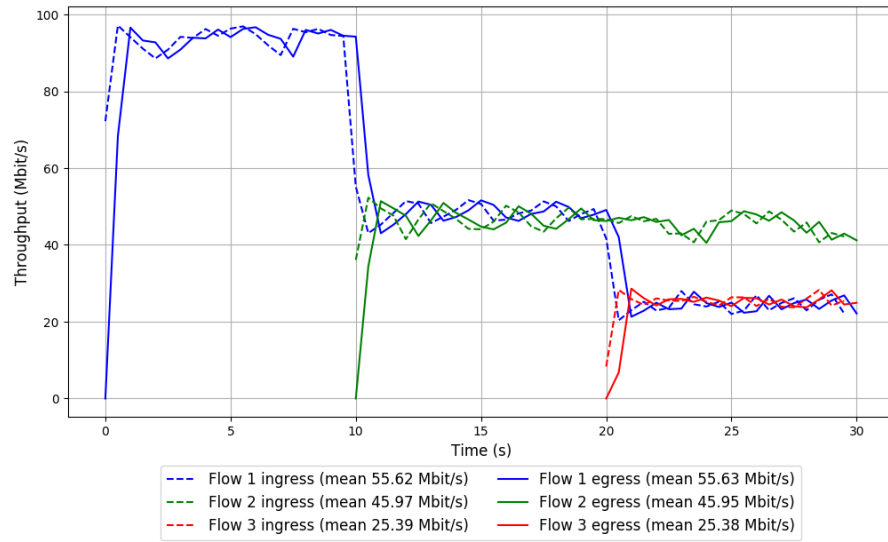


Run 7: Statistics of TCP Cubic

Start at: 2018-08-02 02:24:44
End at: 2018-08-02 02:25:14
Local clock offset: 2.149 ms
Remote clock offset: -3.521 ms

Below is generated by plot.py at 2018-08-02 03:45:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 30.354 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 55.63 Mbit/s
95th percentile per-packet one-way delay: 28.253 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 45.95 Mbit/s
95th percentile per-packet one-way delay: 35.459 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 25.38 Mbit/s
95th percentile per-packet one-way delay: 29.305 ms
Loss rate: 0.37%

Run 7: Report of TCP Cubic — Data Link

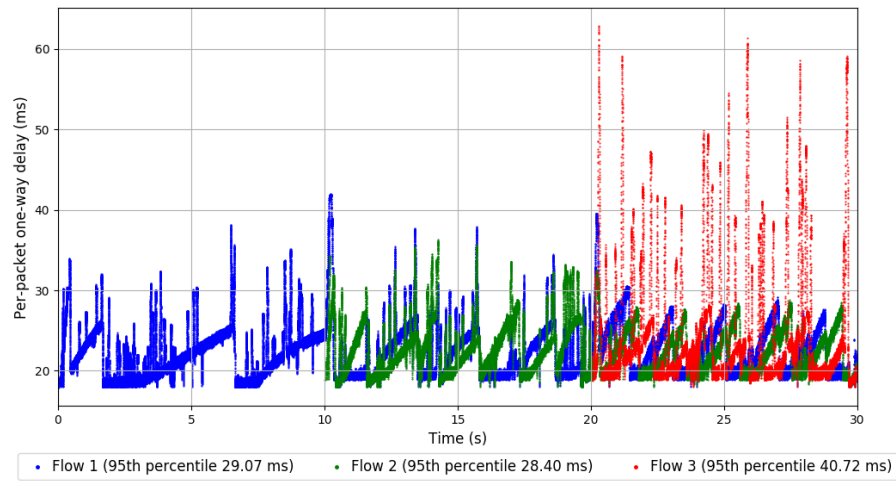
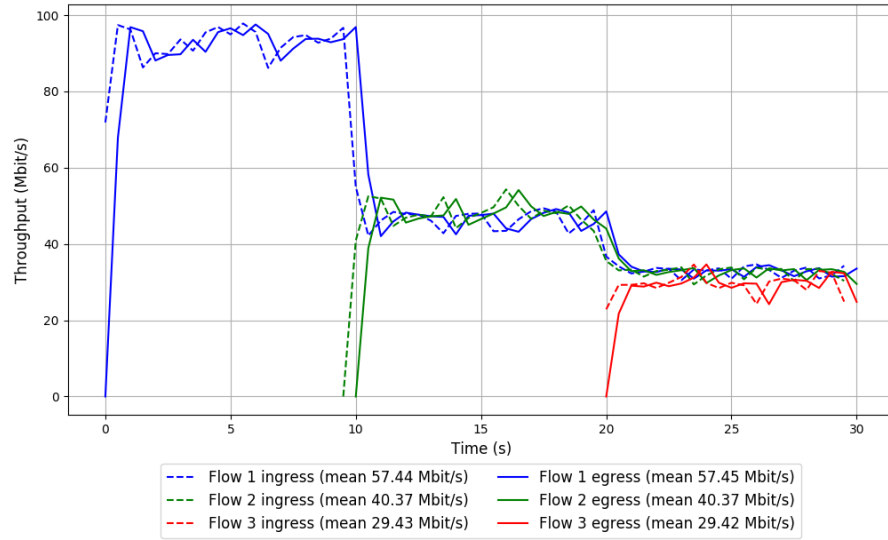


Run 8: Statistics of TCP Cubic

Start at: 2018-08-02 02:45:14
End at: 2018-08-02 02:45:44
Local clock offset: 0.078 ms
Remote clock offset: -7.062 ms

Below is generated by plot.py at 2018-08-02 03:45:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 29.623 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 29.075 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.37 Mbit/s
95th percentile per-packet one-way delay: 28.399 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 40.723 ms
Loss rate: 0.30%

Run 8: Report of TCP Cubic — Data Link

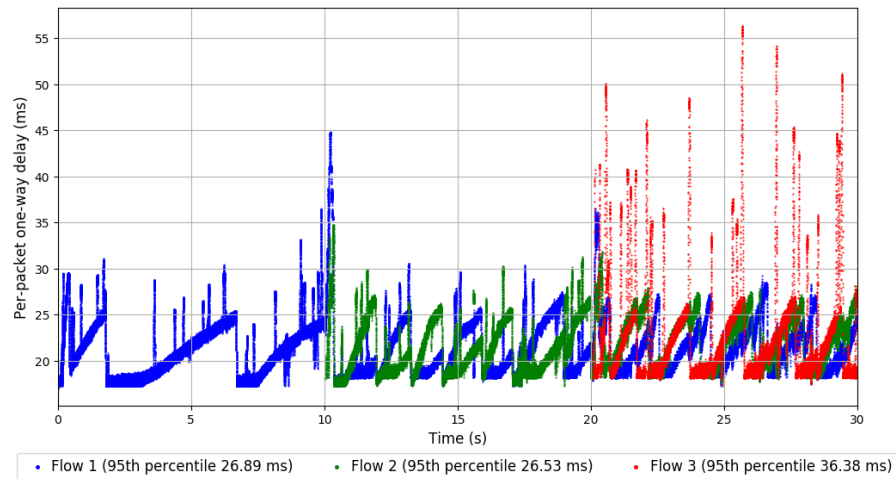
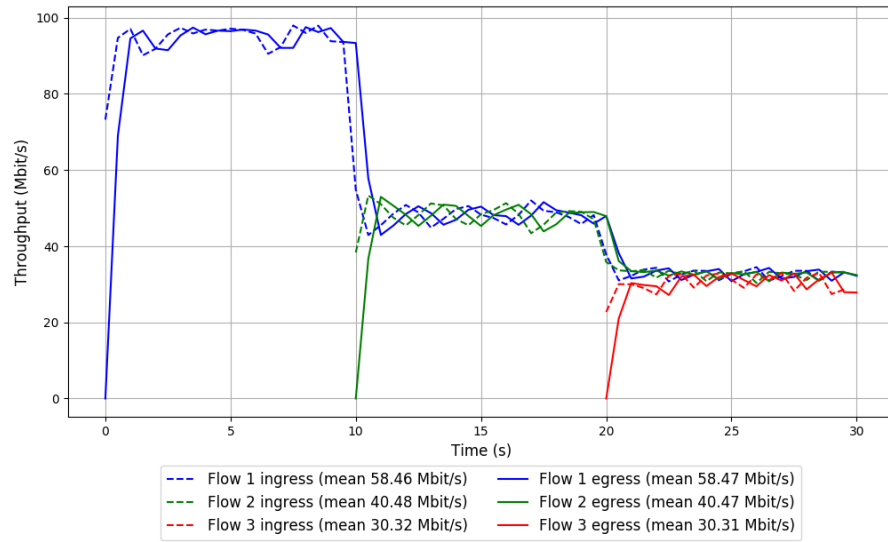


Run 9: Statistics of TCP Cubic

Start at: 2018-08-02 03:05:20
End at: 2018-08-02 03:05:50
Local clock offset: -2.191 ms
Remote clock offset: -8.269 ms

Below is generated by plot.py at 2018-08-02 03:45:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 27.020 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 26.892 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 26.528 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 30.31 Mbit/s
95th percentile per-packet one-way delay: 36.384 ms
Loss rate: 0.32%

Run 9: Report of TCP Cubic — Data Link

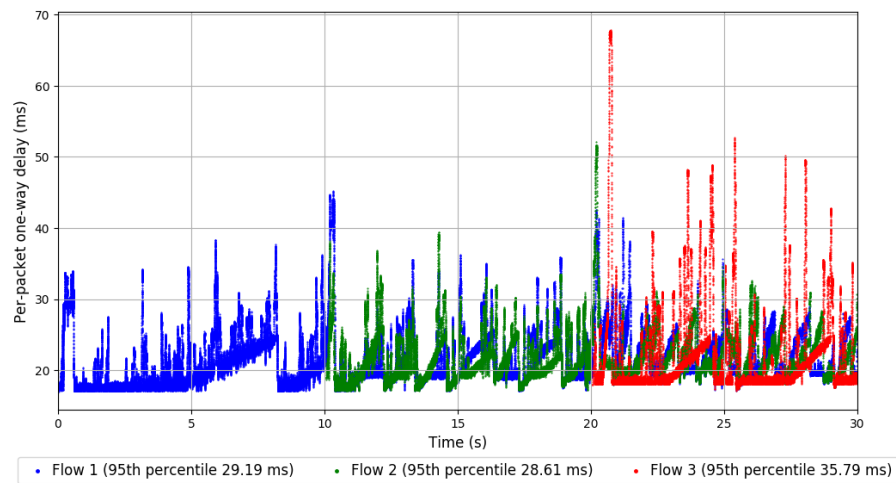
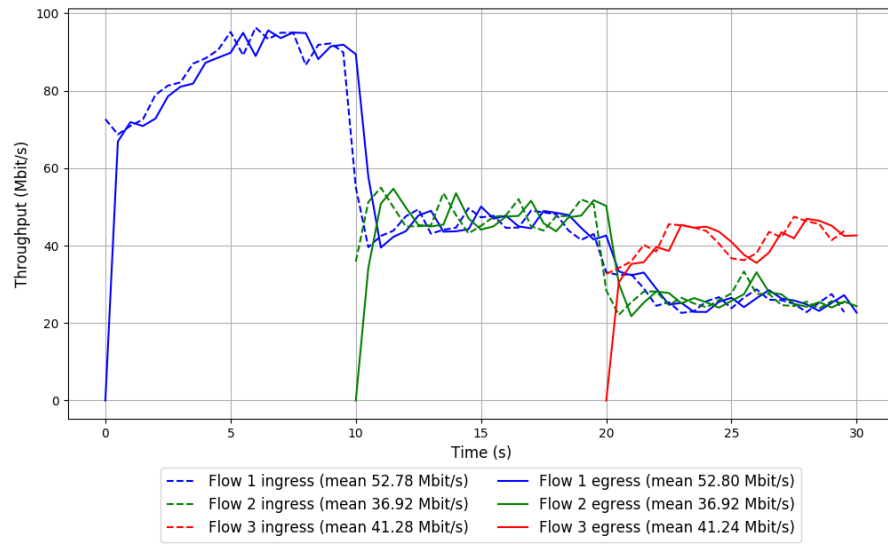


Run 10: Statistics of TCP Cubic

Start at: 2018-08-02 03:25:21
End at: 2018-08-02 03:25:51
Local clock offset: -2.359 ms
Remote clock offset: -8.969 ms

Below is generated by plot.py at 2018-08-02 03:45:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.06 Mbit/s
95th percentile per-packet one-way delay: 29.342 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 52.80 Mbit/s
95th percentile per-packet one-way delay: 29.187 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: 28.606 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 41.24 Mbit/s
95th percentile per-packet one-way delay: 35.794 ms
Loss rate: 0.35%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-08-02 00:30:39

End at: 2018-08-02 00:31:09

Local clock offset: 1.377 ms

Remote clock offset: -4.63 ms

Below is generated by plot.py at 2018-08-02 03:46:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.84 Mbit/s

95th percentile per-packet one-way delay: 52.516 ms

Loss rate: 2.38%

-- Flow 1:

Average throughput: 58.34 Mbit/s

95th percentile per-packet one-way delay: 51.632 ms

Loss rate: 1.54%

-- Flow 2:

Average throughput: 39.45 Mbit/s

95th percentile per-packet one-way delay: 52.382 ms

Loss rate: 3.55%

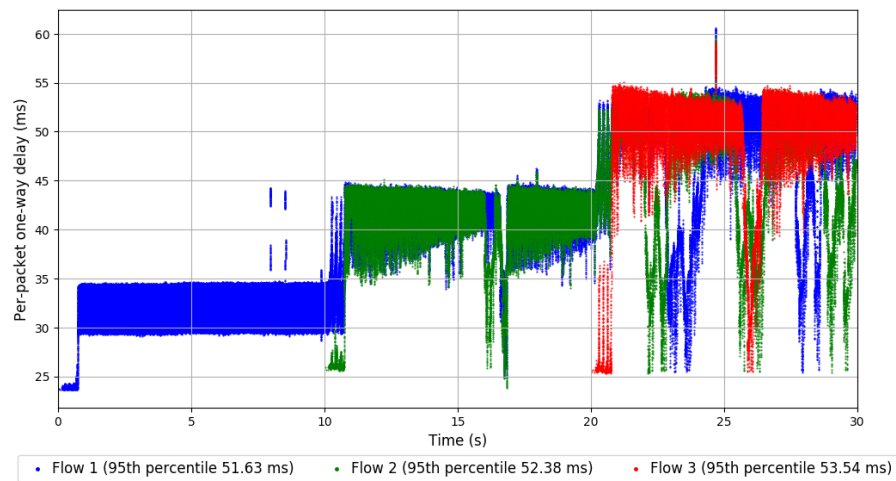
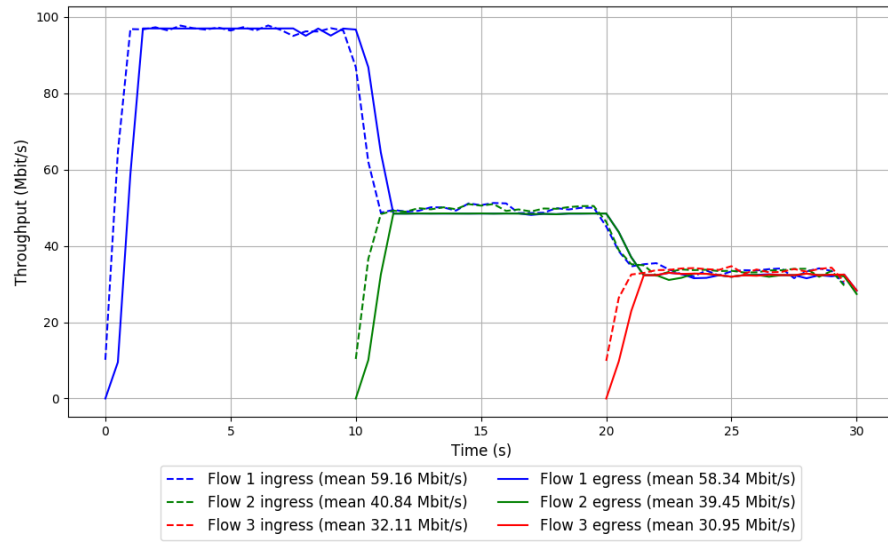
-- Flow 3:

Average throughput: 30.95 Mbit/s

95th percentile per-packet one-way delay: 53.544 ms

Loss rate: 4.06%

Run 1: Report of FillP — Data Link

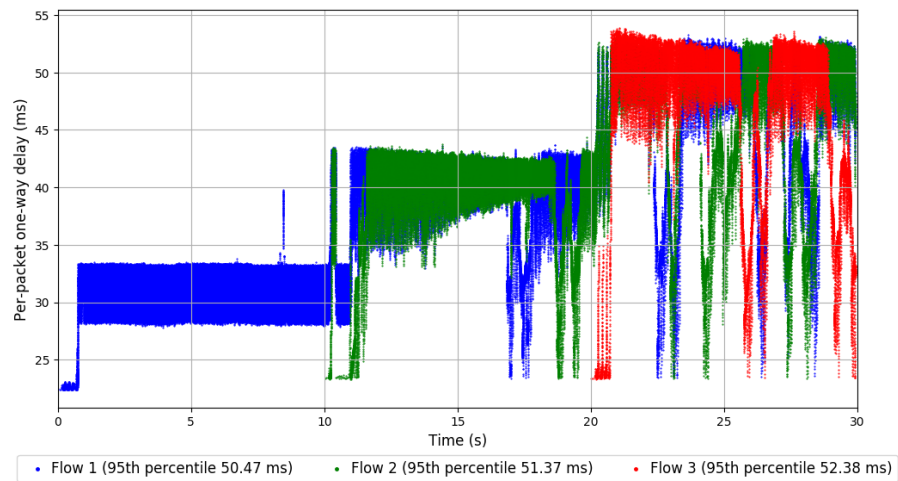
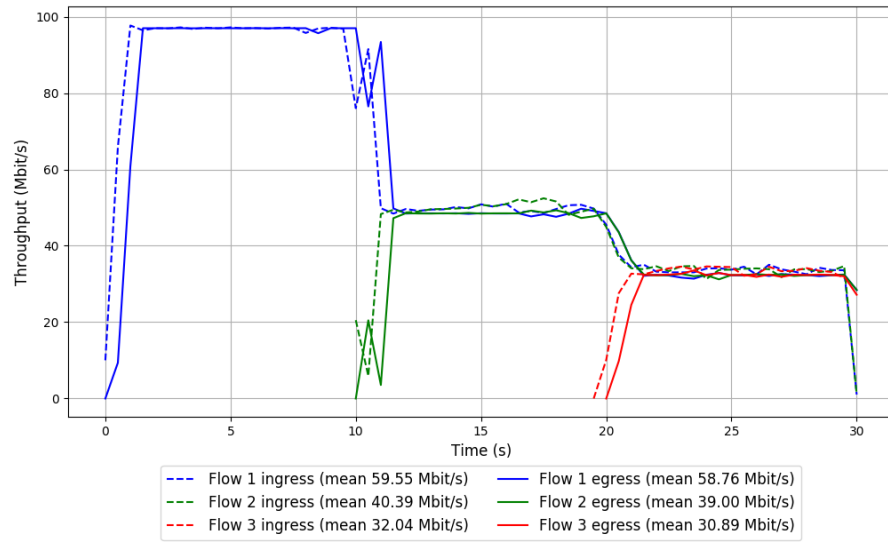


Run 2: Statistics of FillP

Start at: 2018-08-02 00:50:47
End at: 2018-08-02 00:51:17
Local clock offset: 0.131 ms
Remote clock offset: -3.822 ms

Below is generated by plot.py at 2018-08-02 03:46:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 51.366 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 58.76 Mbit/s
95th percentile per-packet one-way delay: 50.465 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 51.373 ms
Loss rate: 3.98%
-- Flow 3:
Average throughput: 30.89 Mbit/s
95th percentile per-packet one-way delay: 52.382 ms
Loss rate: 4.39%

Run 2: Report of FillP — Data Link

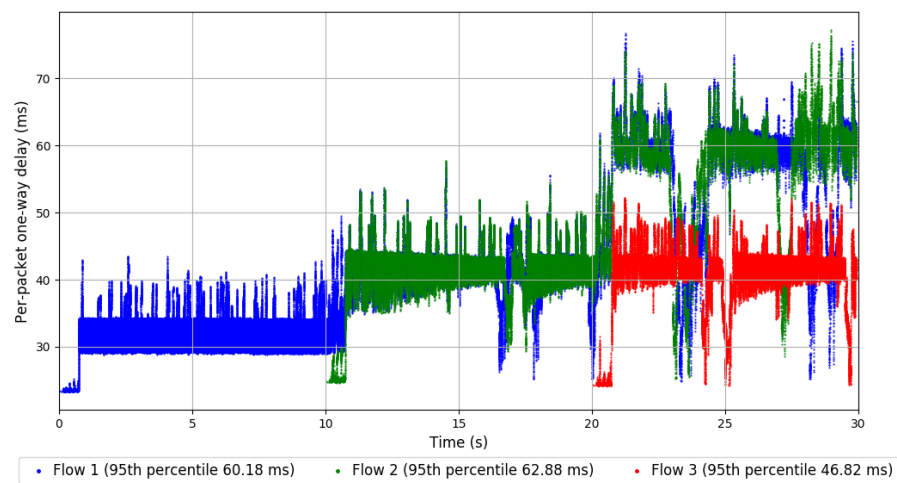
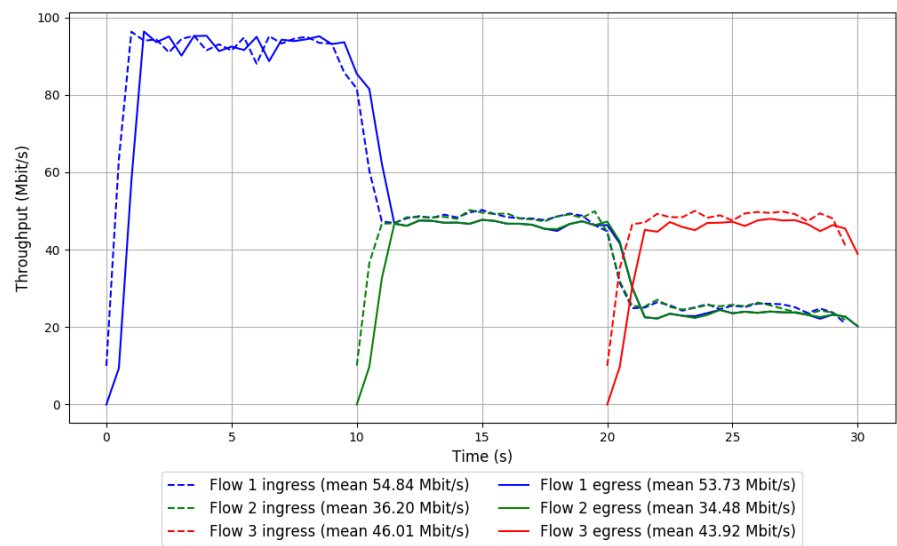


Run 3: Statistics of FillP

Start at: 2018-08-02 01:11:09
End at: 2018-08-02 01:11:39
Local clock offset: -0.12 ms
Remote clock offset: -11.845 ms

Below is generated by plot.py at 2018-08-02 03:46:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.17 Mbit/s
95th percentile per-packet one-way delay: 60.756 ms
Loss rate: 3.35%
-- Flow 1:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 60.176 ms
Loss rate: 2.19%
-- Flow 2:
Average throughput: 34.48 Mbit/s
95th percentile per-packet one-way delay: 62.875 ms
Loss rate: 4.98%
-- Flow 3:
Average throughput: 43.92 Mbit/s
95th percentile per-packet one-way delay: 46.816 ms
Loss rate: 4.94%

Run 3: Report of FillP — Data Link

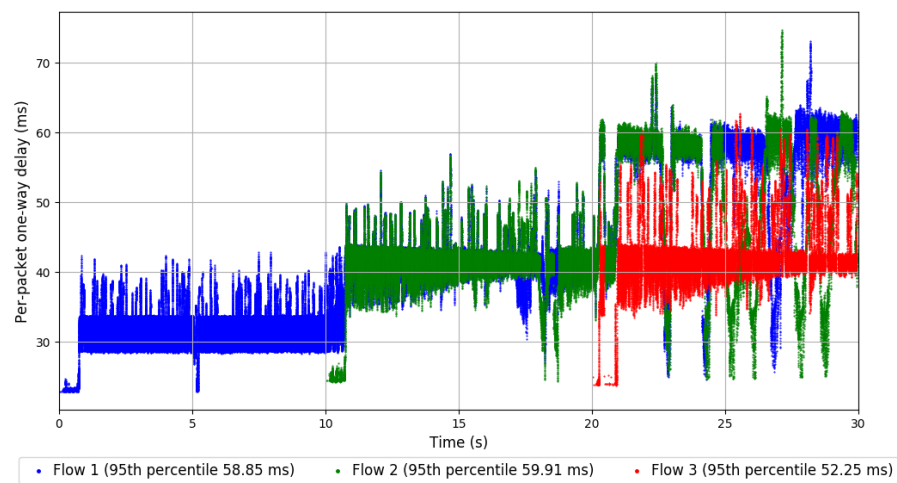
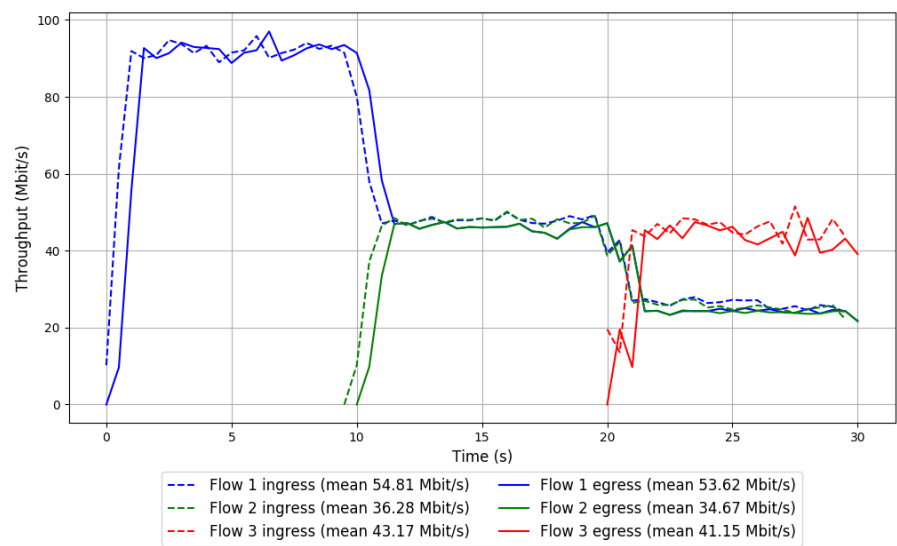


Run 4: Statistics of FillP

Start at: 2018-08-02 01:31:11
End at: 2018-08-02 01:31:41
Local clock offset: 0.742 ms
Remote clock offset: -11.886 ms

Below is generated by plot.py at 2018-08-02 03:46:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 59.007 ms
Loss rate: 3.35%
-- Flow 1:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: 58.852 ms
Loss rate: 2.35%
-- Flow 2:
Average throughput: 34.67 Mbit/s
95th percentile per-packet one-way delay: 59.910 ms
Loss rate: 4.61%
-- Flow 3:
Average throughput: 41.15 Mbit/s
95th percentile per-packet one-way delay: 52.249 ms
Loss rate: 5.09%

Run 4: Report of FillP — Data Link

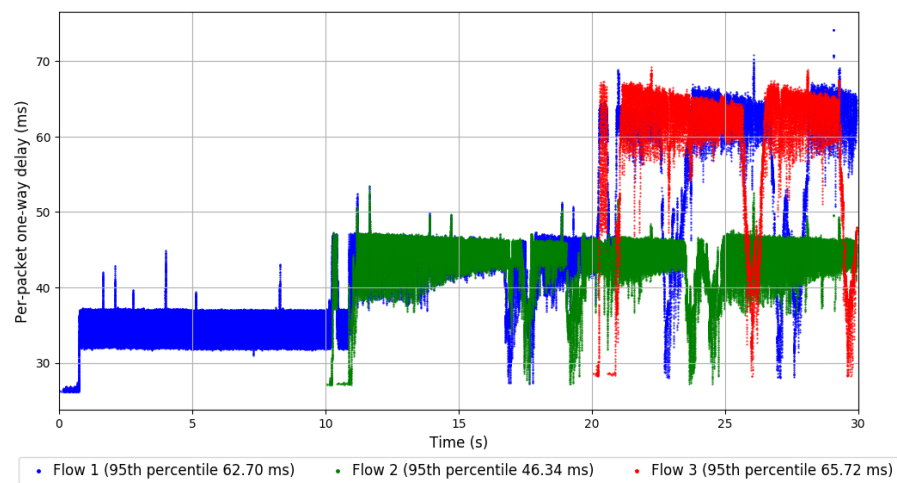
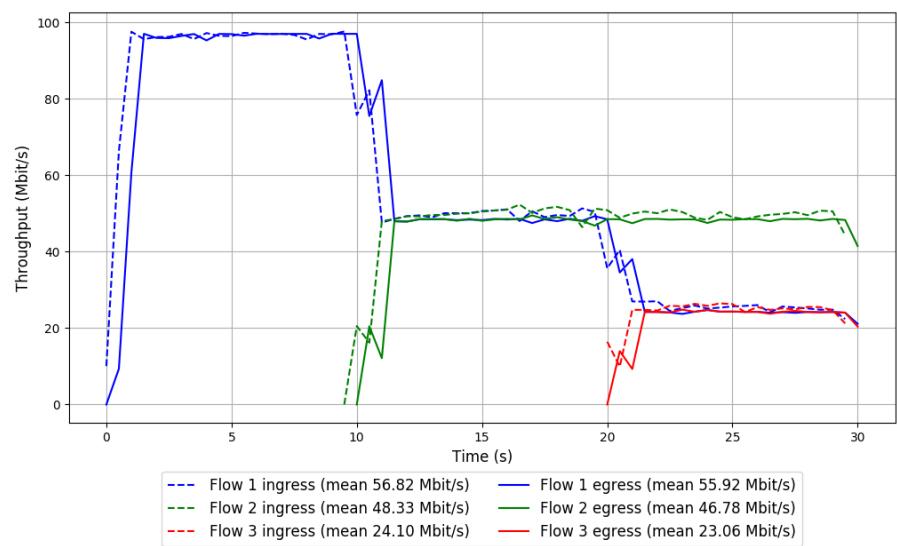


Run 5: Statistics of FillP

Start at: 2018-08-02 01:51:14
End at: 2018-08-02 01:51:44
Local clock offset: 1.065 ms
Remote clock offset: -15.23 ms

Below is generated by plot.py at 2018-08-02 03:46:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 63.421 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 62.695 ms
Loss rate: 1.68%
-- Flow 2:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: 46.342 ms
Loss rate: 3.40%
-- Flow 3:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 65.717 ms
Loss rate: 4.64%

Run 5: Report of FillP — Data Link

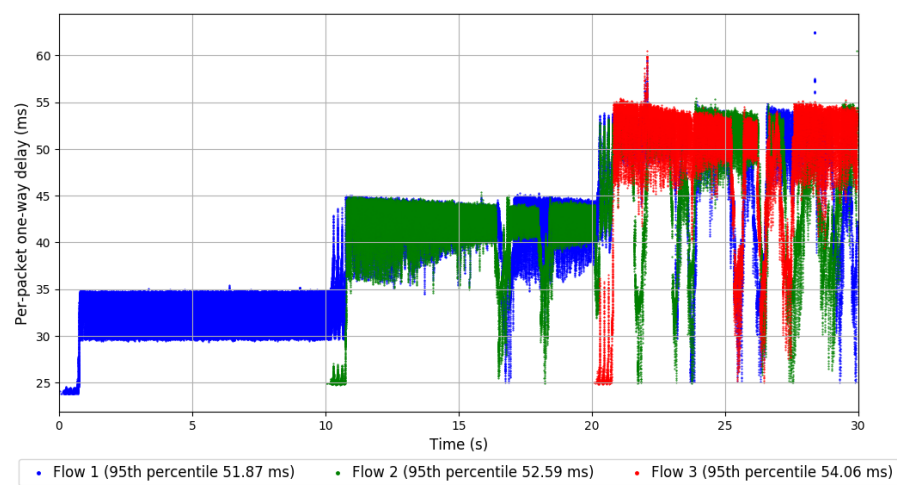
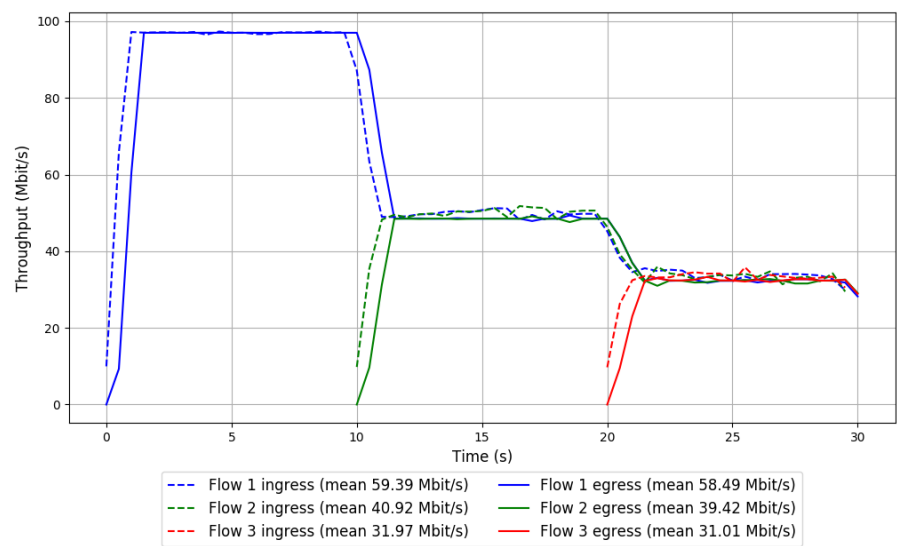


Run 6: Statistics of FillP

Start at: 2018-08-02 02:11:48
End at: 2018-08-02 02:12:18
Local clock offset: 0.088 ms
Remote clock offset: -7.175 ms

Below is generated by plot.py at 2018-08-02 03:46:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 52.799 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 51.866 ms
Loss rate: 1.61%
-- Flow 2:
Average throughput: 39.42 Mbit/s
95th percentile per-packet one-way delay: 52.595 ms
Loss rate: 3.82%
-- Flow 3:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 54.060 ms
Loss rate: 3.47%

Run 6: Report of FillP — Data Link

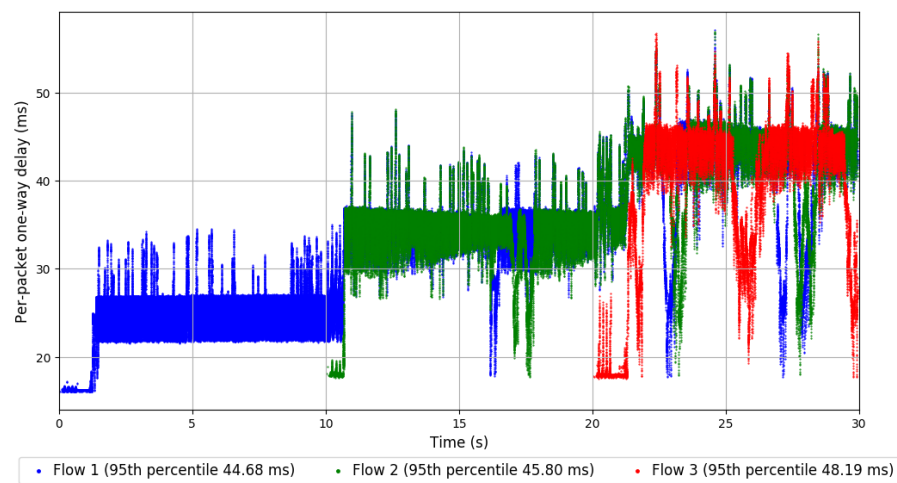
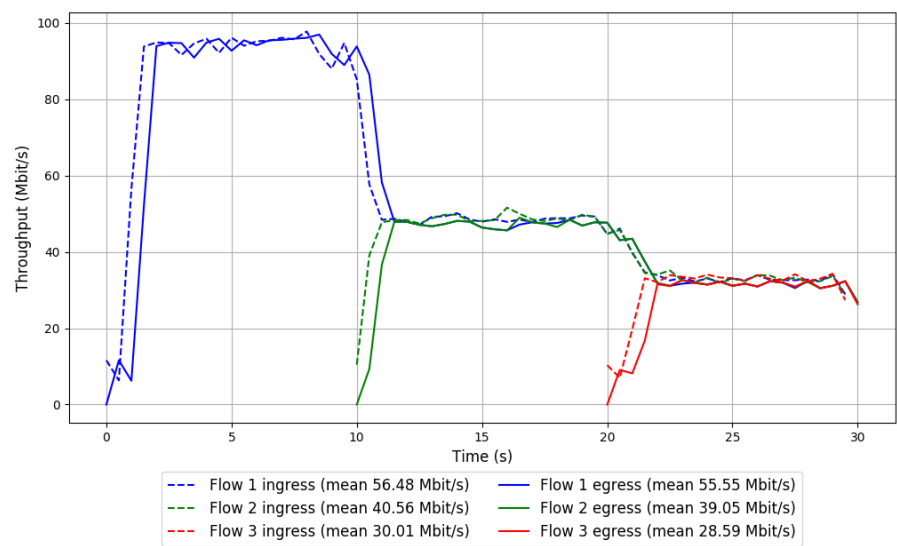


Run 7: Statistics of FillP

Start at: 2018-08-02 02:32:00
End at: 2018-08-02 02:32:30
Local clock offset: -1.946 ms
Remote clock offset: -4.697 ms

Below is generated by plot.py at 2018-08-02 03:46:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 45.460 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 55.55 Mbit/s
95th percentile per-packet one-way delay: 44.682 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 45.802 ms
Loss rate: 3.88%
-- Flow 3:
Average throughput: 28.59 Mbit/s
95th percentile per-packet one-way delay: 48.187 ms
Loss rate: 4.97%

Run 7: Report of FillP — Data Link

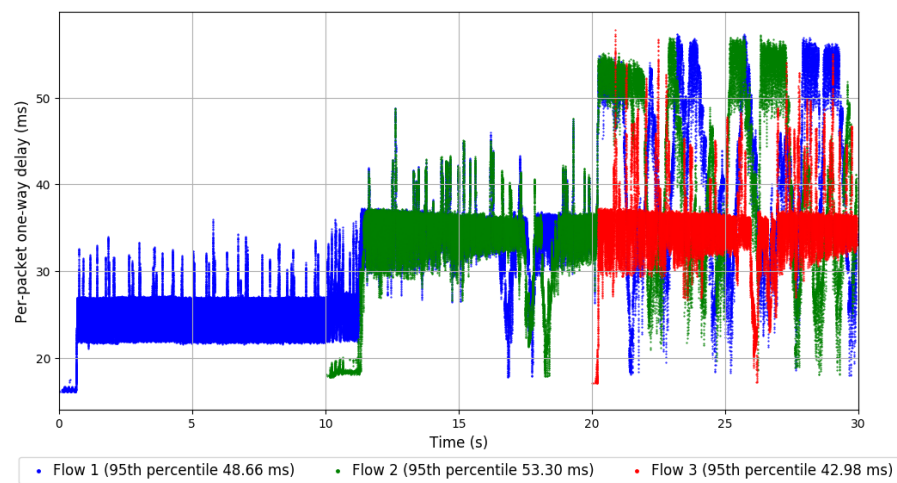
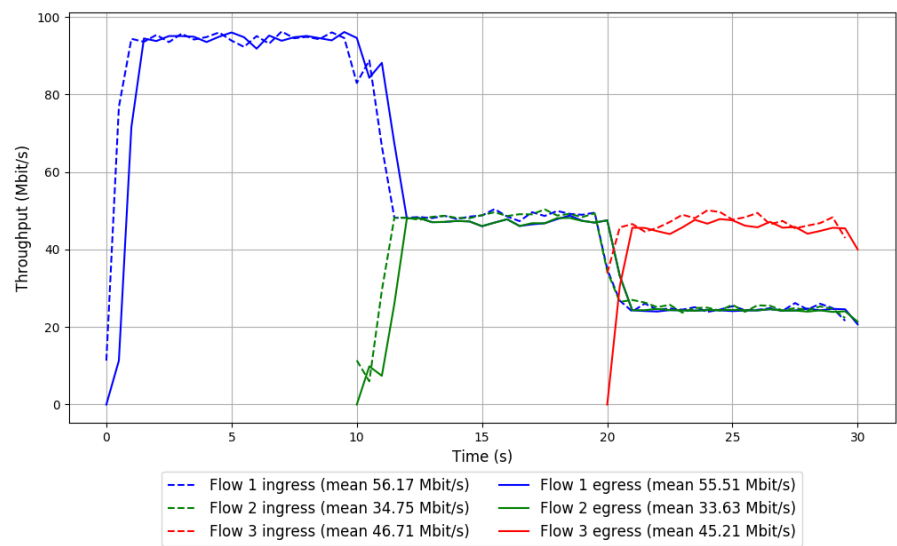


Run 8: Statistics of FillP

Start at: 2018-08-02 02:52:13
End at: 2018-08-02 02:52:43
Local clock offset: 0.514 ms
Remote clock offset: -5.327 ms

Below is generated by plot.py at 2018-08-02 03:46:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 51.001 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 55.51 Mbit/s
95th percentile per-packet one-way delay: 48.656 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 33.63 Mbit/s
95th percentile per-packet one-way delay: 53.301 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 45.21 Mbit/s
95th percentile per-packet one-way delay: 42.981 ms
Loss rate: 3.56%

Run 8: Report of FillP — Data Link

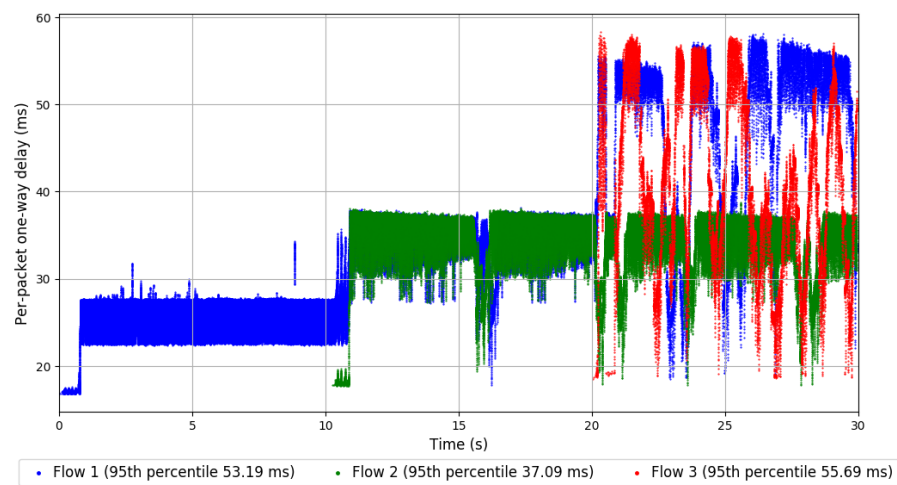
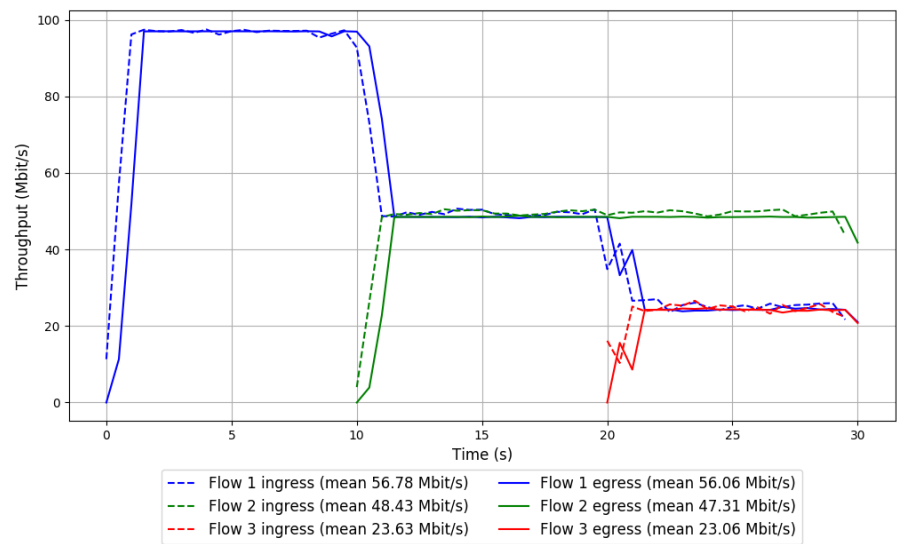


Run 9: Statistics of FillP

Start at: 2018-08-02 03:12:29
End at: 2018-08-02 03:12:59
Local clock offset: -3.33 ms
Remote clock offset: -9.393 ms

Below is generated by plot.py at 2018-08-02 03:47:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 52.626 ms
Loss rate: 1.85%
-- Flow 1:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 53.193 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 47.31 Mbit/s
95th percentile per-packet one-way delay: 37.089 ms
Loss rate: 2.50%
-- Flow 3:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 55.694 ms
Loss rate: 2.82%

Run 9: Report of FillP — Data Link

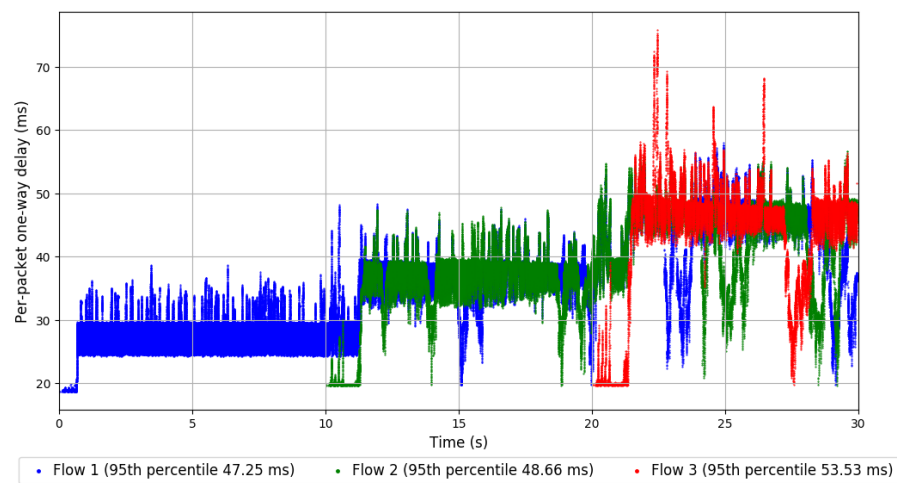
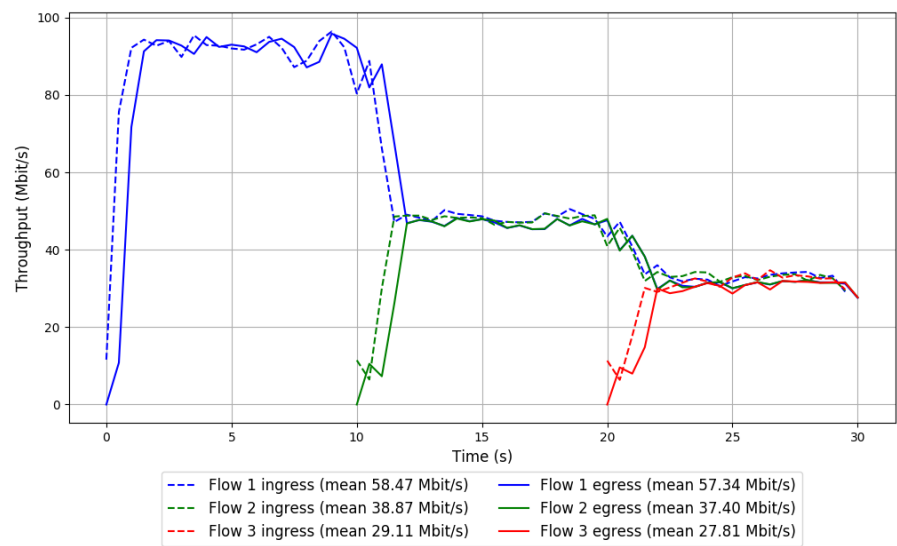


Run 10: Statistics of FillP

Start at: 2018-08-02 03:32:30
End at: 2018-08-02 03:33:00
Local clock offset: -0.411 ms
Remote clock offset: -8.713 ms

Below is generated by plot.py at 2018-08-02 03:47:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 48.702 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 47.252 ms
Loss rate: 2.02%
-- Flow 2:
Average throughput: 37.40 Mbit/s
95th percentile per-packet one-way delay: 48.659 ms
Loss rate: 3.96%
-- Flow 3:
Average throughput: 27.81 Mbit/s
95th percentile per-packet one-way delay: 53.532 ms
Loss rate: 4.80%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-08-02 00:27:00

End at: 2018-08-02 00:27:30

Local clock offset: 0.147 ms

Remote clock offset: -5.72 ms

Below is generated by plot.py at 2018-08-02 03:48:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 45.363 ms

Loss rate: 0.79%

-- Flow 1:

Average throughput: 56.40 Mbit/s

95th percentile per-packet one-way delay: 45.185 ms

Loss rate: 0.64%

-- Flow 2:

Average throughput: 35.06 Mbit/s

95th percentile per-packet one-way delay: 47.403 ms

Loss rate: 1.26%

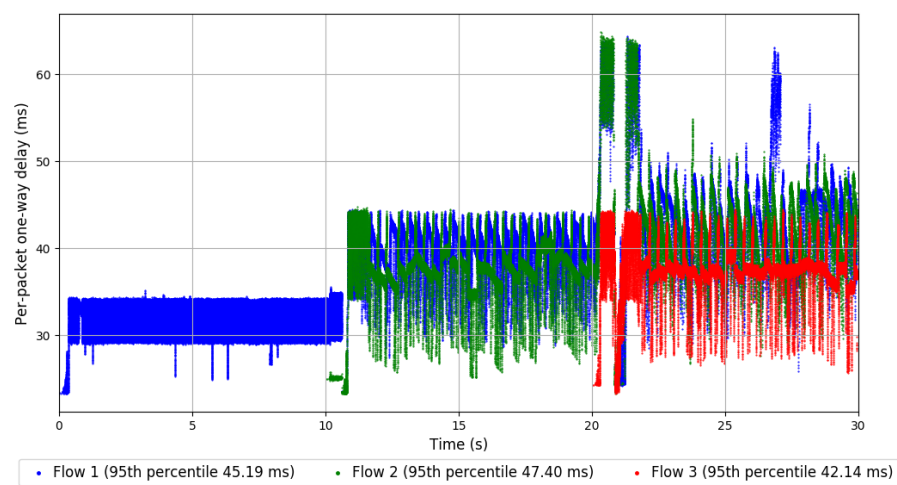
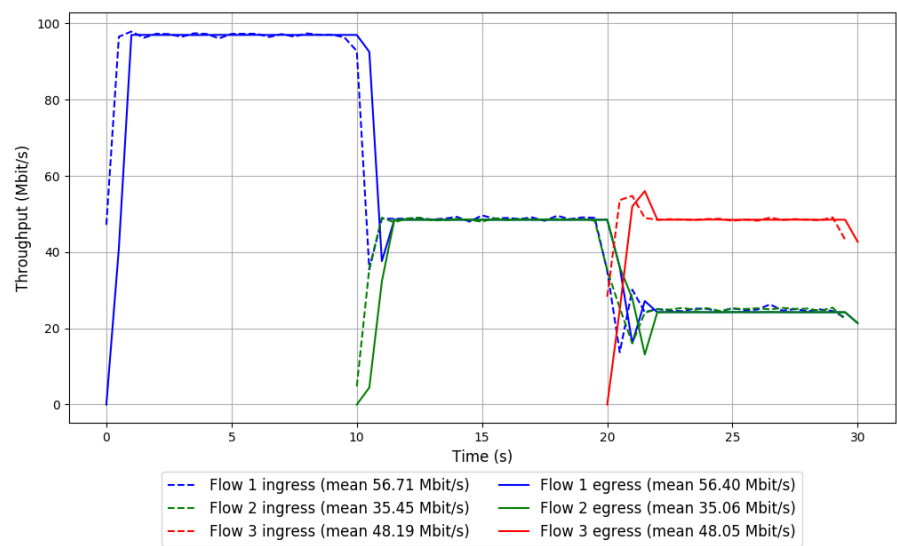
-- Flow 3:

Average throughput: 48.05 Mbit/s

95th percentile per-packet one-way delay: 42.142 ms

Loss rate: 0.62%

Run 1: Report of FillP-Sheep — Data Link

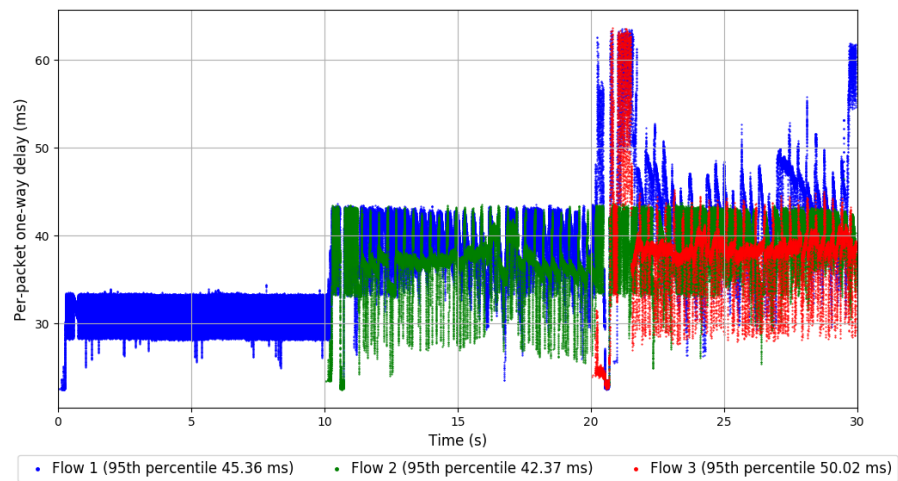
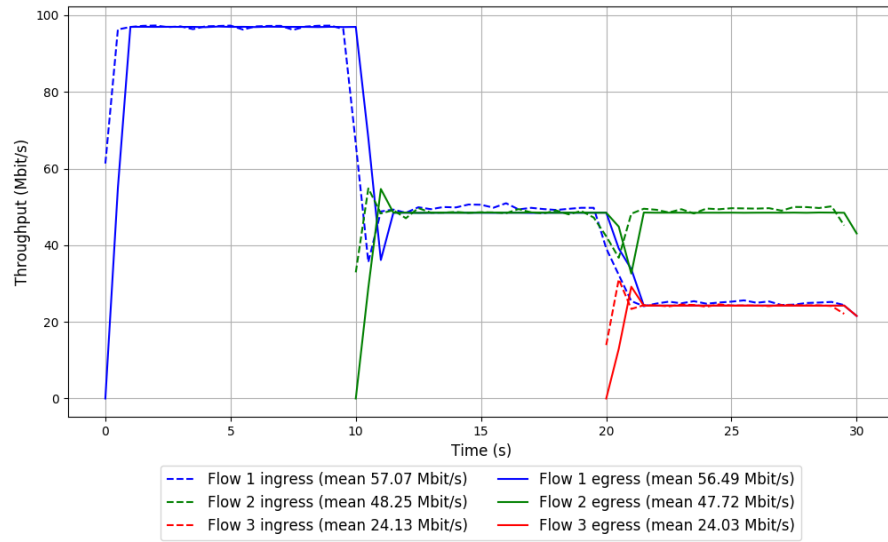


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-02 00:47:11
End at: 2018-08-02 00:47:41
Local clock offset: 0.165 ms
Remote clock offset: -3.961 ms

Below is generated by plot.py at 2018-08-02 03:48:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 43.150 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 45.358 ms
Loss rate: 1.17%
-- Flow 2:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 42.366 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 50.017 ms
Loss rate: 0.71%

Run 2: Report of FillP-Sheep — Data Link

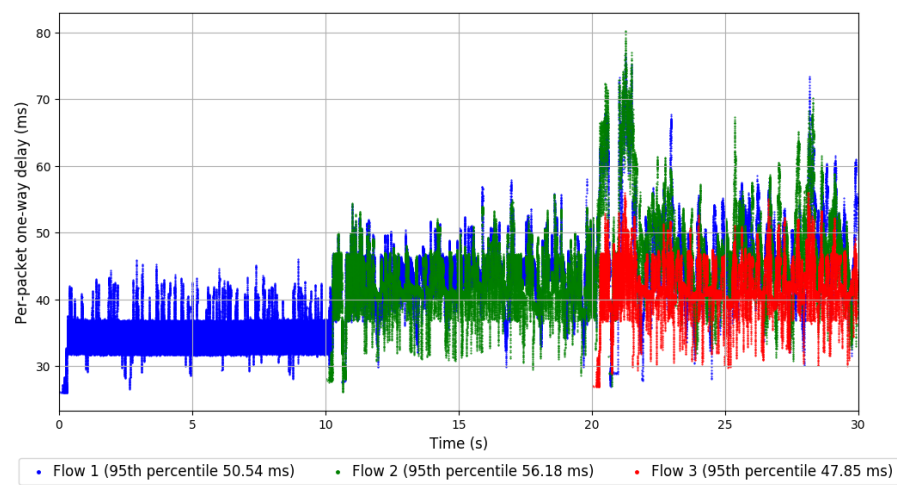
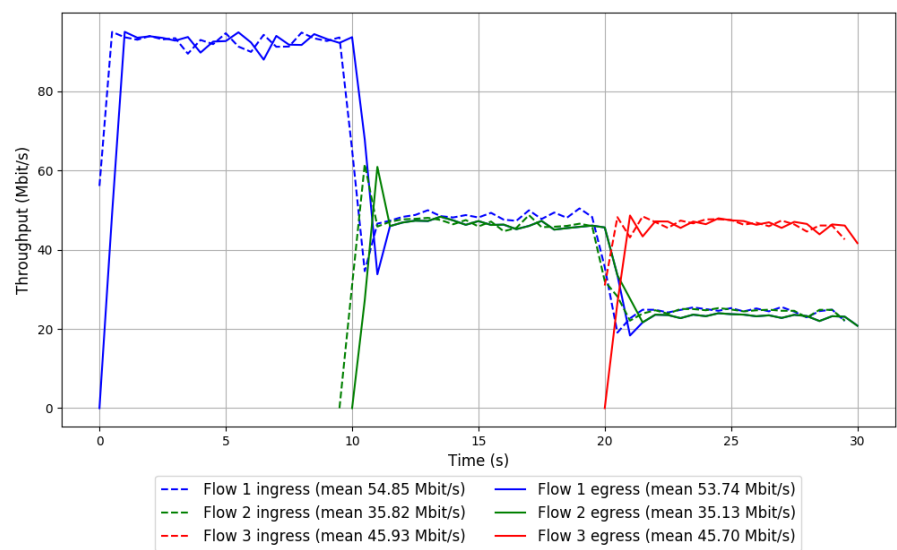


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-02 01:07:36
End at: 2018-08-02 01:08:06
Local clock offset: 0.482 ms
Remote clock offset: -13.474 ms

Below is generated by plot.py at 2018-08-02 03:48:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 51.486 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: 50.540 ms
Loss rate: 2.12%
-- Flow 2:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 56.183 ms
Loss rate: 2.09%
-- Flow 3:
Average throughput: 45.70 Mbit/s
95th percentile per-packet one-way delay: 47.855 ms
Loss rate: 0.83%

Run 3: Report of FillP-Sheep — Data Link

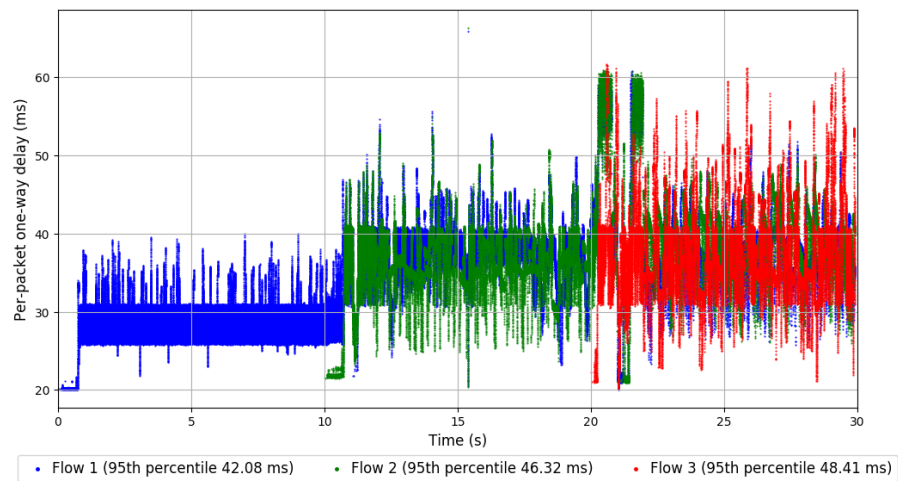
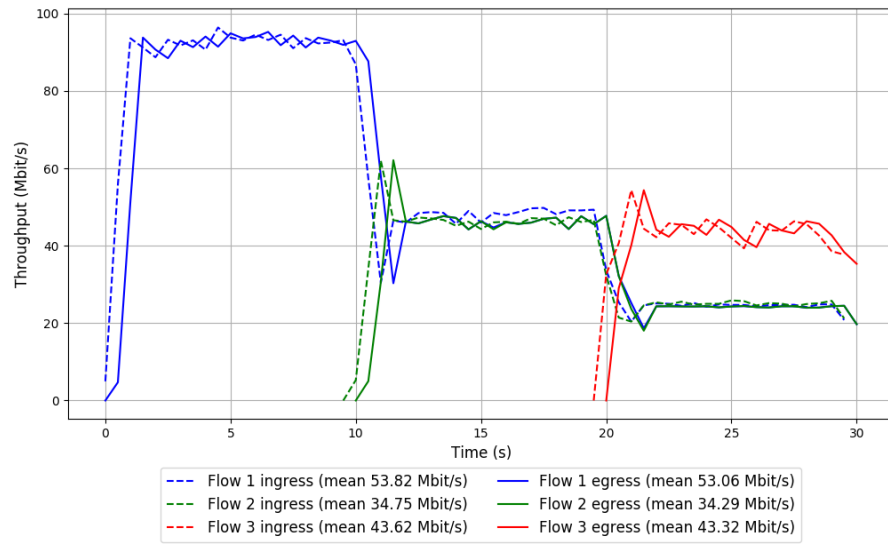


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-02 01:27:38
End at: 2018-08-02 01:28:08
Local clock offset: -2.61 ms
Remote clock offset: -12.426 ms

Below is generated by plot.py at 2018-08-02 03:48:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.25 Mbit/s
95th percentile per-packet one-way delay: 44.806 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 53.06 Mbit/s
95th percentile per-packet one-way delay: 42.075 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 46.319 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 43.32 Mbit/s
95th percentile per-packet one-way delay: 48.408 ms
Loss rate: 1.03%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-08-02 01:47:41

End at: 2018-08-02 01:48:11

Local clock offset: 1.455 ms

Remote clock offset: -15.278 ms

Below is generated by plot.py at 2018-08-02 03:48:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.35 Mbit/s

95th percentile per-packet one-way delay: 47.445 ms

Loss rate: 0.97%

-- Flow 1:

Average throughput: 63.81 Mbit/s

95th percentile per-packet one-way delay: 46.273 ms

Loss rate: 0.87%

-- Flow 2:

Average throughput: 35.48 Mbit/s

95th percentile per-packet one-way delay: 51.216 ms

Loss rate: 1.19%

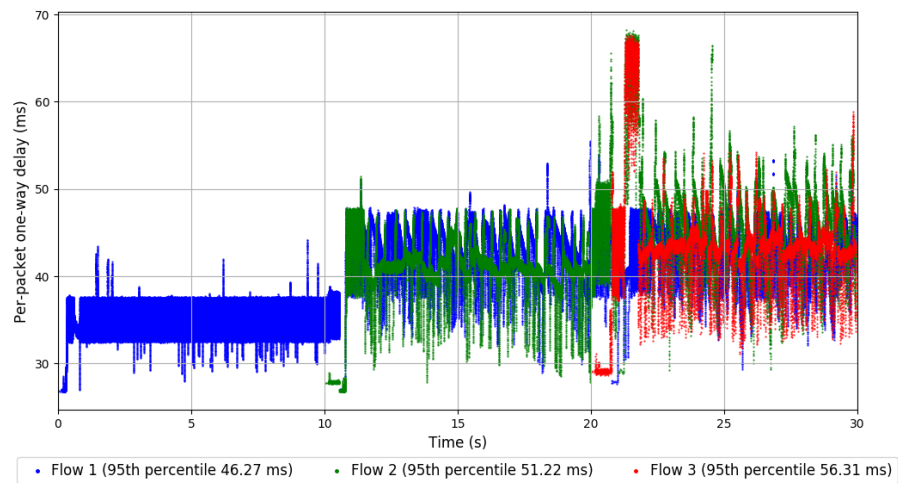
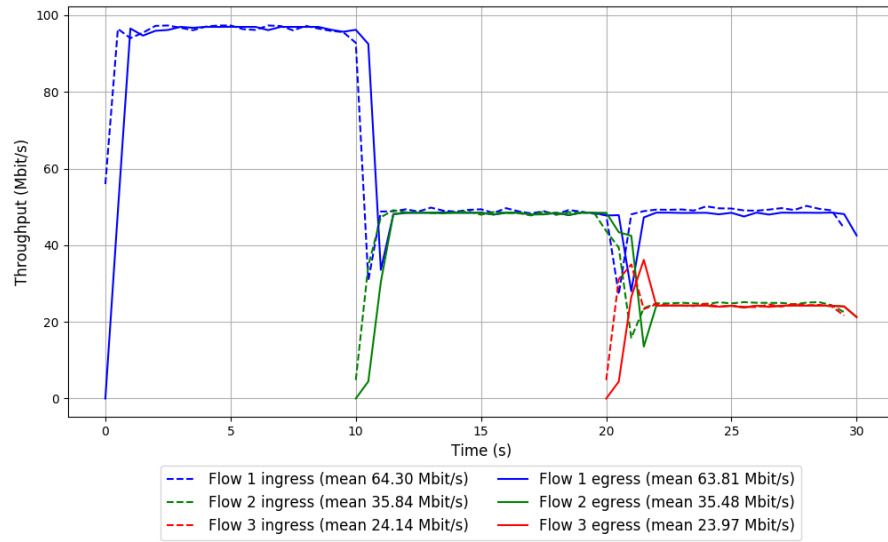
-- Flow 3:

Average throughput: 23.97 Mbit/s

95th percentile per-packet one-way delay: 56.314 ms

Loss rate: 1.07%

Run 5: Report of FillP-Sheep — Data Link

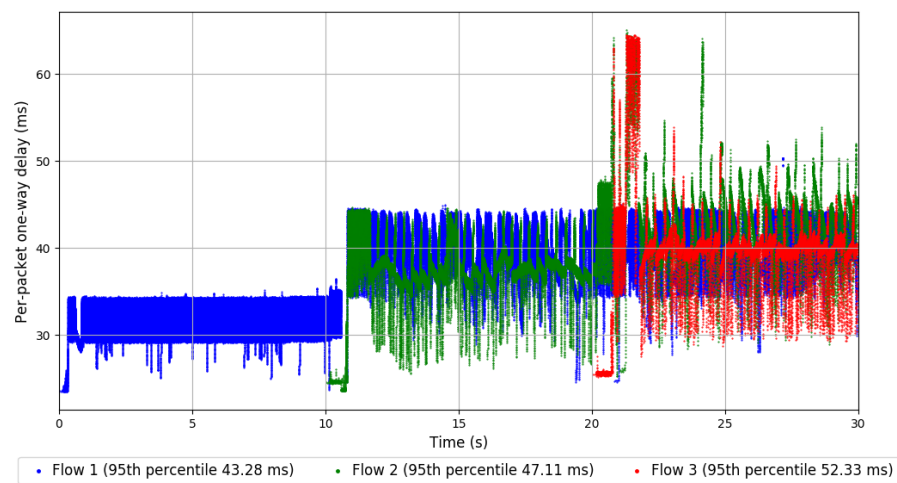
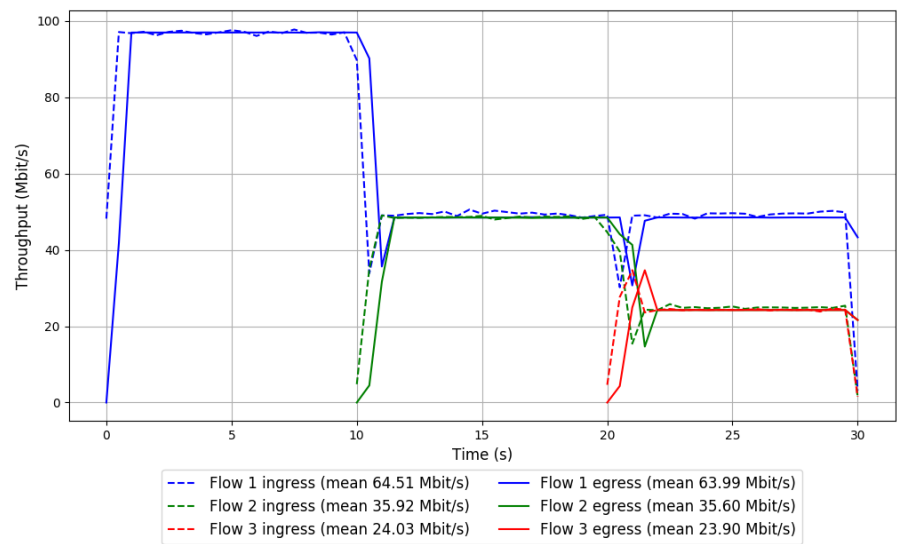


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-02 02:08:04
End at: 2018-08-02 02:08:34
Local clock offset: -1.644 ms
Remote clock offset: -9.879 ms

Below is generated by plot.py at 2018-08-02 03:48:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 43.947 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 63.99 Mbit/s
95th percentile per-packet one-way delay: 43.277 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 35.60 Mbit/s
95th percentile per-packet one-way delay: 47.114 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 23.90 Mbit/s
95th percentile per-packet one-way delay: 52.329 ms
Loss rate: 1.59%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-08-02 02:28:19

End at: 2018-08-02 02:28:49

Local clock offset: 1.78 ms

Remote clock offset: -5.25 ms

Below is generated by plot.py at 2018-08-02 03:49:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.60 Mbit/s

95th percentile per-packet one-way delay: 45.415 ms

Loss rate: 1.35%

-- Flow 1:

Average throughput: 55.45 Mbit/s

95th percentile per-packet one-way delay: 45.296 ms

Loss rate: 1.27%

-- Flow 2:

Average throughput: 35.10 Mbit/s

95th percentile per-packet one-way delay: 48.292 ms

Loss rate: 1.85%

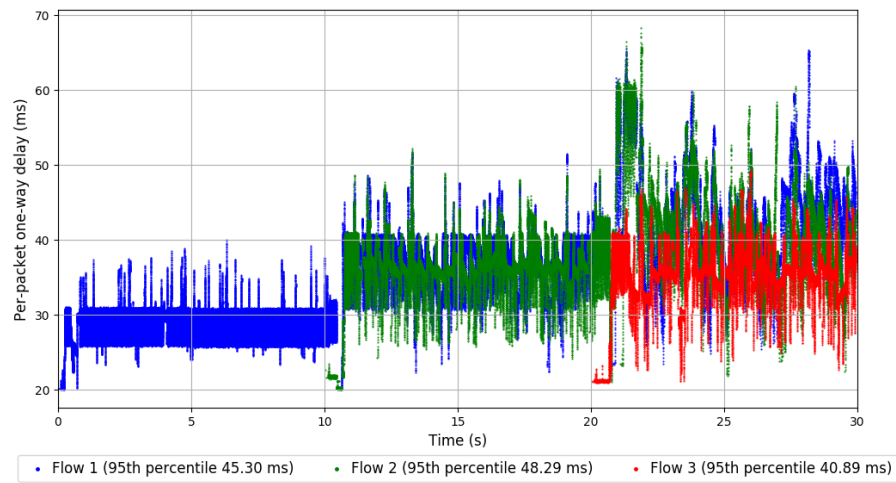
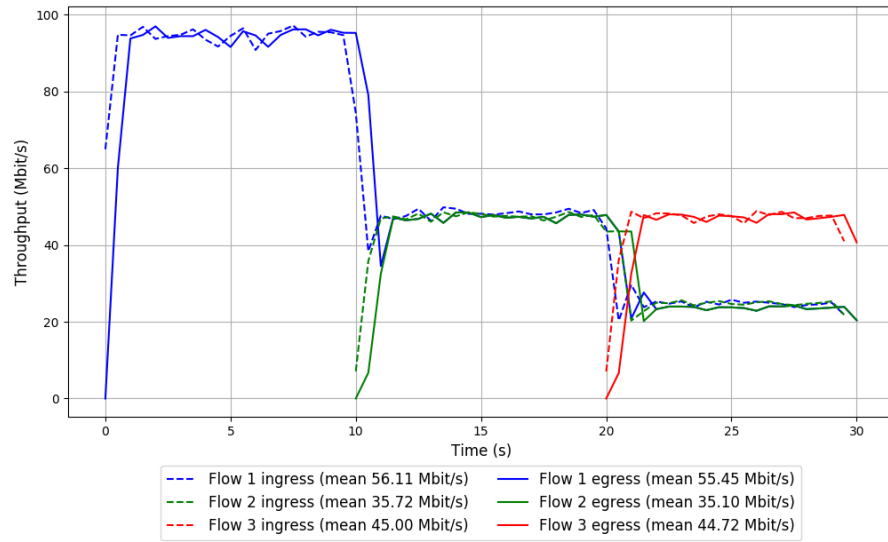
-- Flow 3:

Average throughput: 44.72 Mbit/s

95th percentile per-packet one-way delay: 40.893 ms

Loss rate: 0.89%

Run 7: Report of FillP-Sheep — Data Link

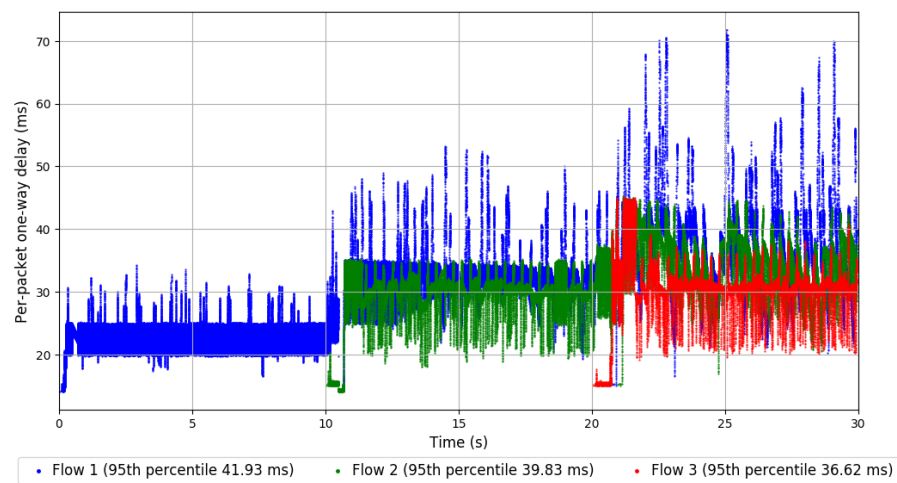
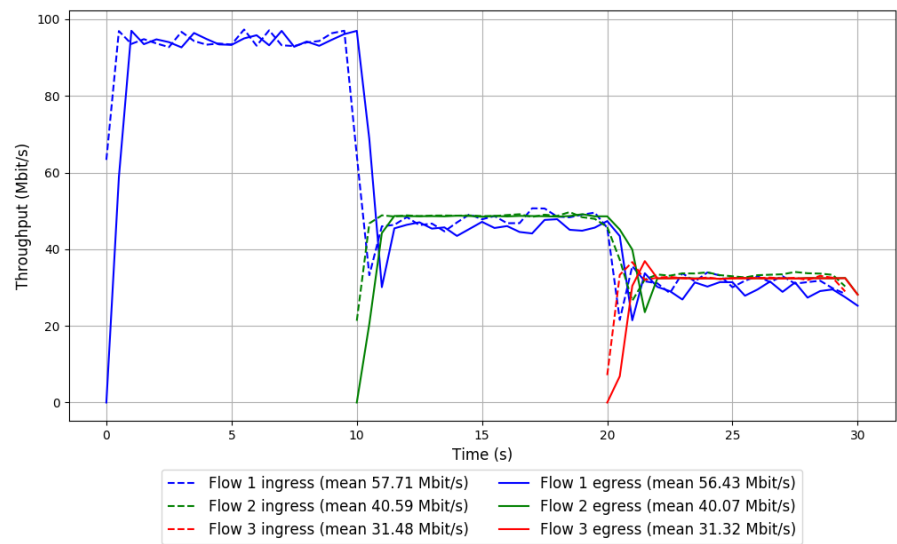


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-02 02:48:44
End at: 2018-08-02 02:49:14
Local clock offset: -1.633 ms
Remote clock offset: -5.281 ms

Below is generated by plot.py at 2018-08-02 03:49:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 40.856 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 56.43 Mbit/s
95th percentile per-packet one-way delay: 41.927 ms
Loss rate: 2.35%
-- Flow 2:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 39.827 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 36.618 ms
Loss rate: 0.77%

Run 8: Report of FillP-Sheep — Data Link

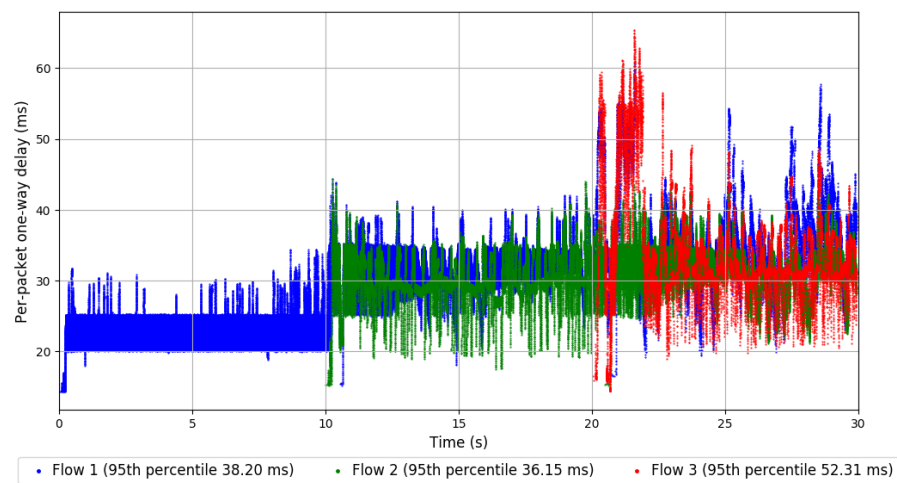
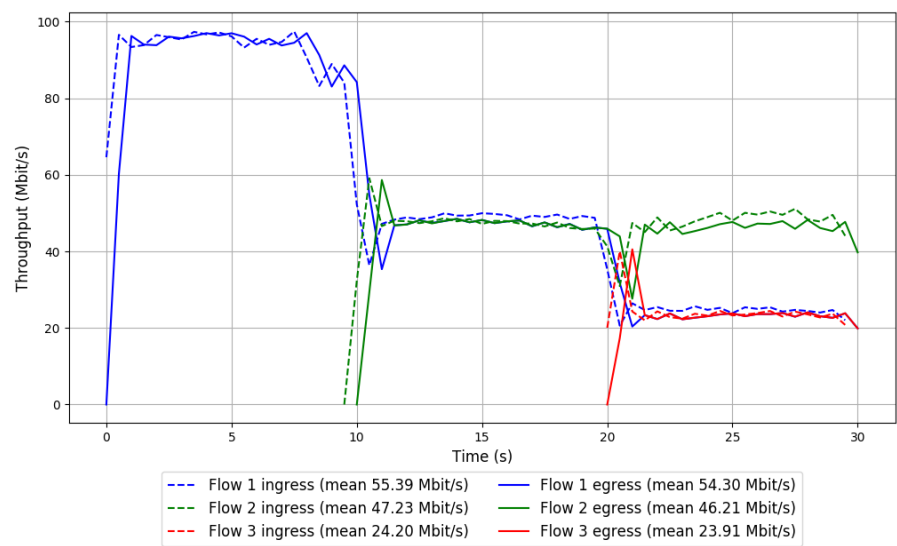


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-02 03:08:50
End at: 2018-08-02 03:09:20
Local clock offset: -3.121 ms
Remote clock offset: -6.373 ms

Below is generated by plot.py at 2018-08-02 03:49:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 38.300 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 54.30 Mbit/s
95th percentile per-packet one-way delay: 38.202 ms
Loss rate: 2.06%
-- Flow 2:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 36.150 ms
Loss rate: 2.31%
-- Flow 3:
Average throughput: 23.91 Mbit/s
95th percentile per-packet one-way delay: 52.313 ms
Loss rate: 1.48%

Run 9: Report of FillP-Sheep — Data Link

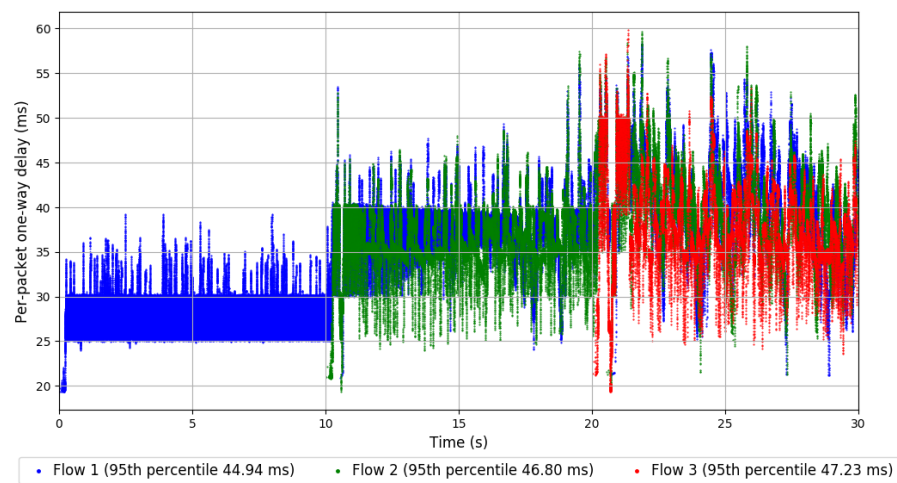
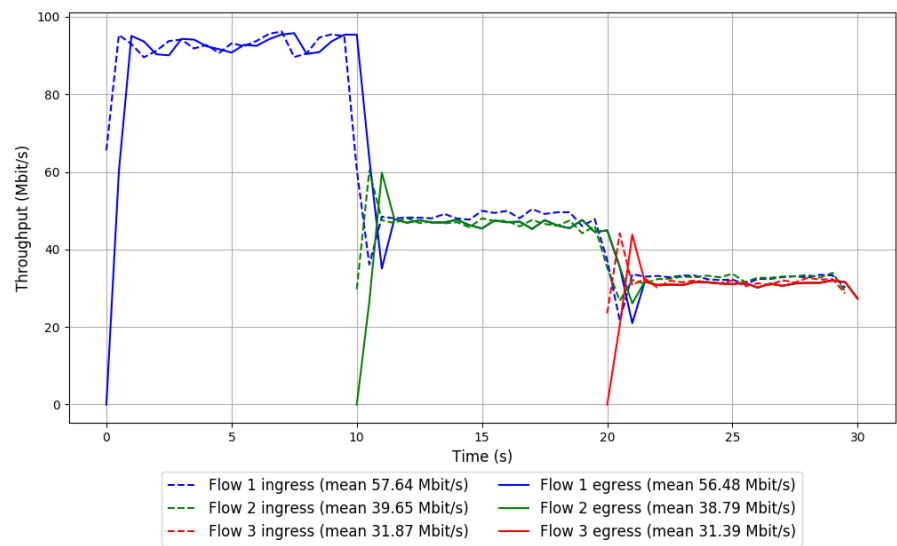


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-02 03:28:56
End at: 2018-08-02 03:29:26
Local clock offset: 0.777 ms
Remote clock offset: -8.276 ms

Below is generated by plot.py at 2018-08-02 03:49:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 45.781 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 44.936 ms
Loss rate: 2.08%
-- Flow 2:
Average throughput: 38.79 Mbit/s
95th percentile per-packet one-way delay: 46.798 ms
Loss rate: 2.30%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 47.233 ms
Loss rate: 1.75%

Run 10: Report of FillP-Sheep — Data Link

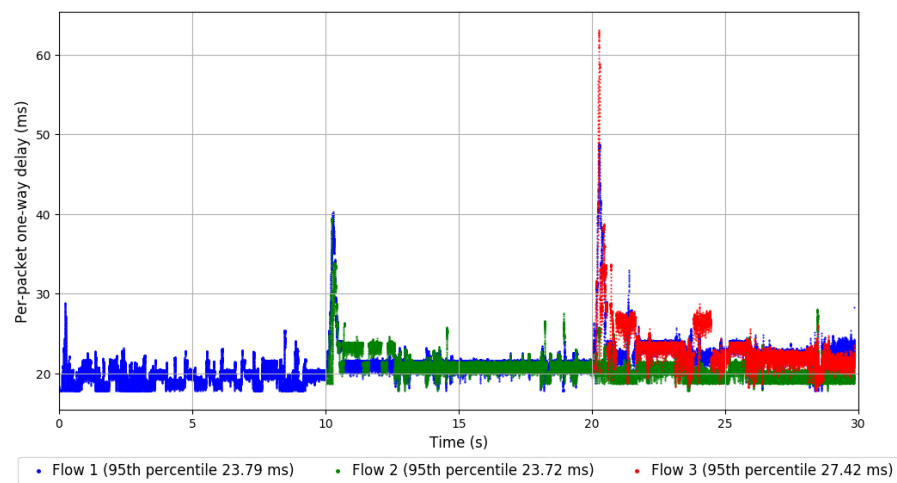
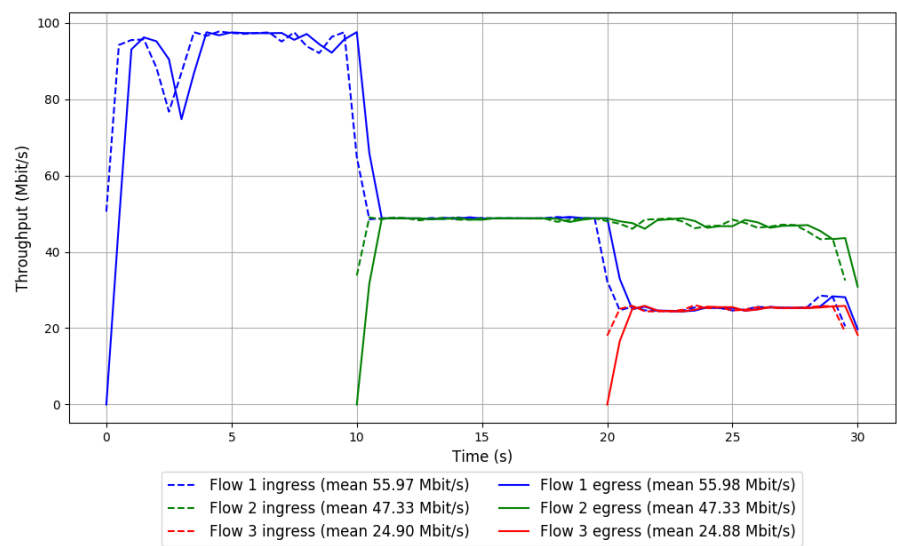


```
Run 1: Statistics of Indigo

Start at: 2018-08-02 00:32:59
End at: 2018-08-02 00:33:29
Local clock offset: -4.177 ms
Remote clock offset: -4.129 ms

# Below is generated by plot.py at 2018-08-02 03:49:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 23.874 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 23.791 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 47.33 Mbit/s
95th percentile per-packet one-way delay: 23.724 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.88 Mbit/s
95th percentile per-packet one-way delay: 27.416 ms
Loss rate: 0.41%
```

Run 1: Report of Indigo — Data Link

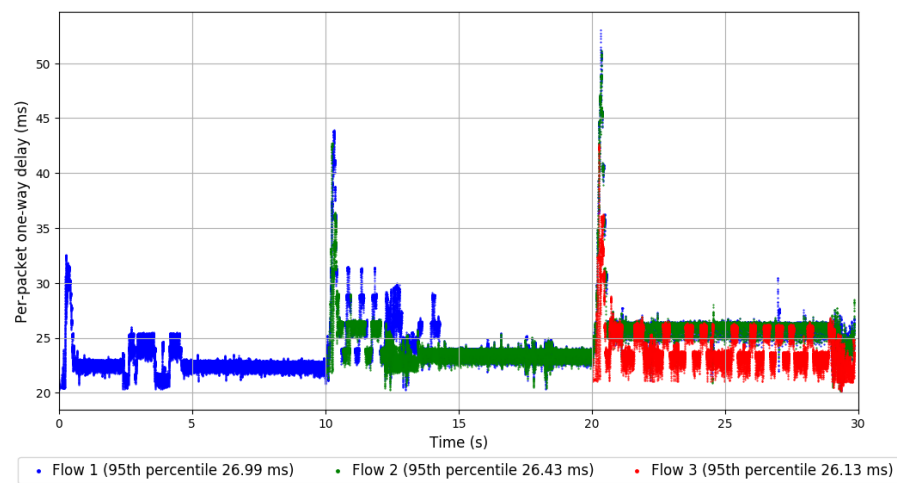
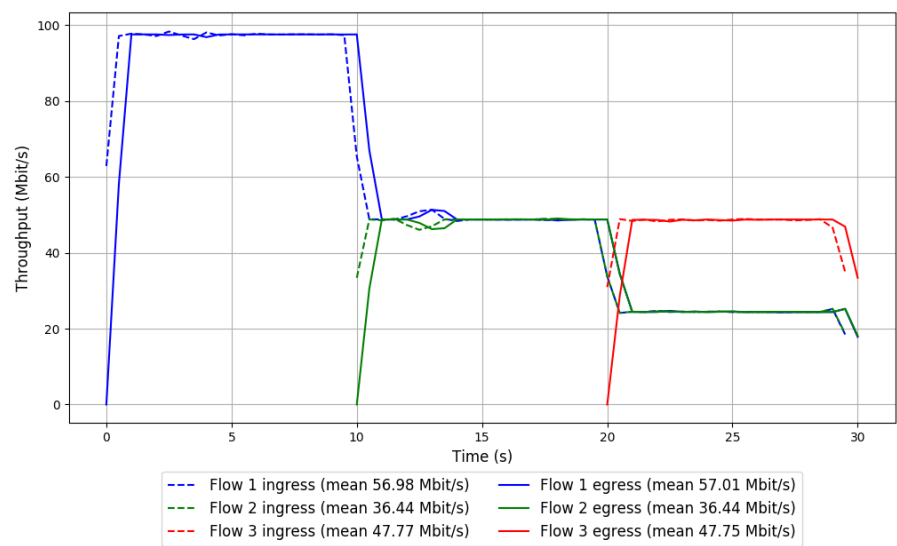


Run 2: Statistics of Indigo

Start at: 2018-08-02 00:53:23
End at: 2018-08-02 00:53:53
Local clock offset: -1.567 ms
Remote clock offset: -4.916 ms

Below is generated by plot.py at 2018-08-02 03:49:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 26.452 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 26.990 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.44 Mbit/s
95th percentile per-packet one-way delay: 26.429 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 47.75 Mbit/s
95th percentile per-packet one-way delay: 26.127 ms
Loss rate: 0.38%

Run 2: Report of Indigo — Data Link

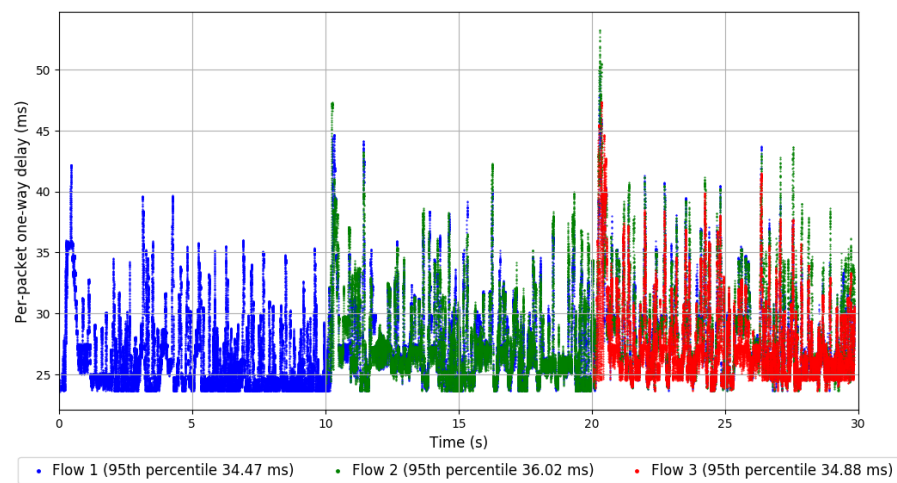
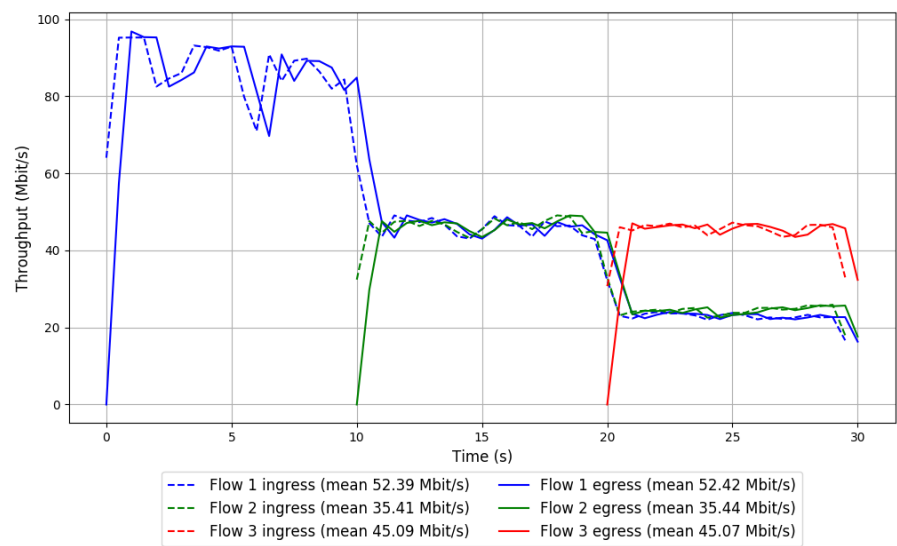


Run 3: Statistics of Indigo

Start at: 2018-08-02 01:13:32
End at: 2018-08-02 01:14:02
Local clock offset: -1.538 ms
Remote clock offset: -13.749 ms

Below is generated by plot.py at 2018-08-02 03:49:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.79 Mbit/s
95th percentile per-packet one-way delay: 34.847 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 52.42 Mbit/s
95th percentile per-packet one-way delay: 34.474 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.44 Mbit/s
95th percentile per-packet one-way delay: 36.025 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 45.07 Mbit/s
95th percentile per-packet one-way delay: 34.884 ms
Loss rate: 0.38%

Run 3: Report of Indigo — Data Link

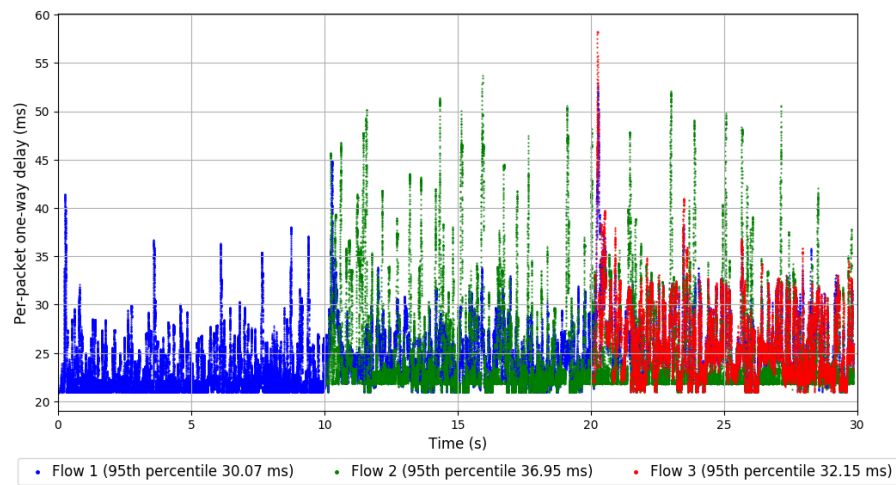
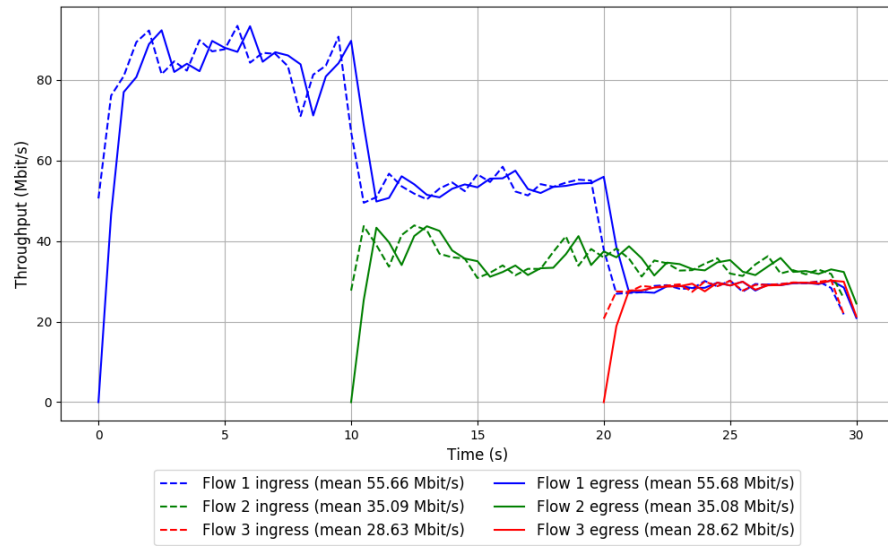


Run 4: Statistics of Indigo

Start at: 2018-08-02 01:33:33
End at: 2018-08-02 01:34:03
Local clock offset: -1.072 ms
Remote clock offset: -11.588 ms

Below is generated by plot.py at 2018-08-02 03:49:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 31.954 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 55.68 Mbit/s
95th percentile per-packet one-way delay: 30.075 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.08 Mbit/s
95th percentile per-packet one-way delay: 36.953 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 28.62 Mbit/s
95th percentile per-packet one-way delay: 32.154 ms
Loss rate: 0.40%

Run 4: Report of Indigo — Data Link

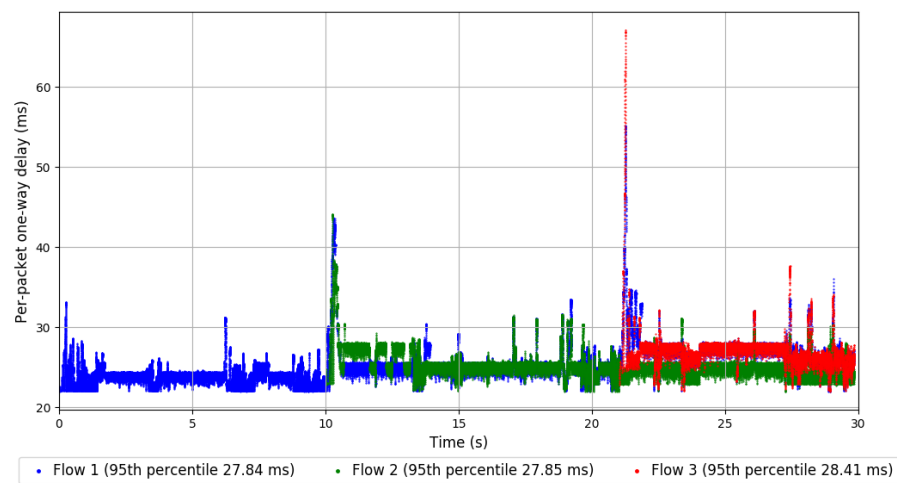
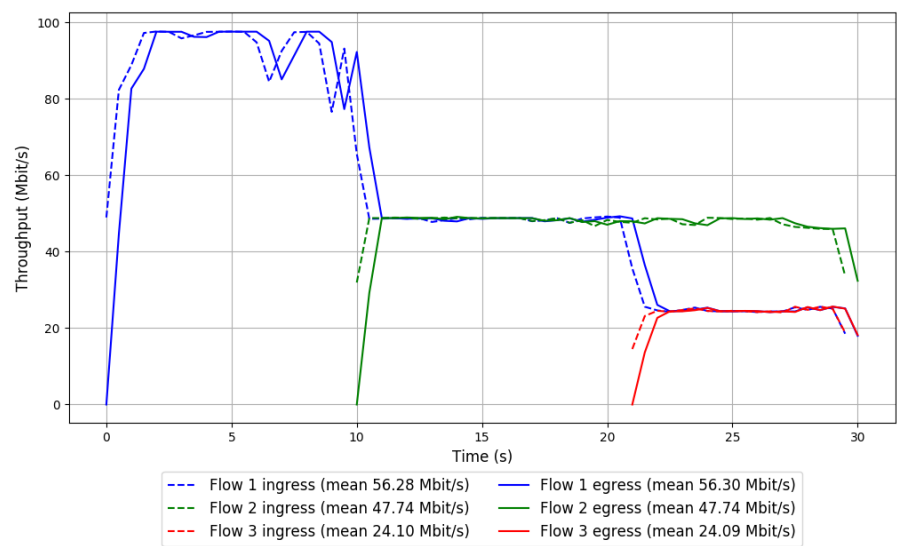


Run 5: Statistics of Indigo

Start at: 2018-08-02 01:53:40
End at: 2018-08-02 01:54:10
Local clock offset: -0.831 ms
Remote clock offset: -12.896 ms

Below is generated by plot.py at 2018-08-02 03:50:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.12 Mbit/s
95th percentile per-packet one-way delay: 27.873 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 56.30 Mbit/s
95th percentile per-packet one-way delay: 27.840 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 47.74 Mbit/s
95th percentile per-packet one-way delay: 27.853 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.09 Mbit/s
95th percentile per-packet one-way delay: 28.414 ms
Loss rate: 0.44%

Run 5: Report of Indigo — Data Link

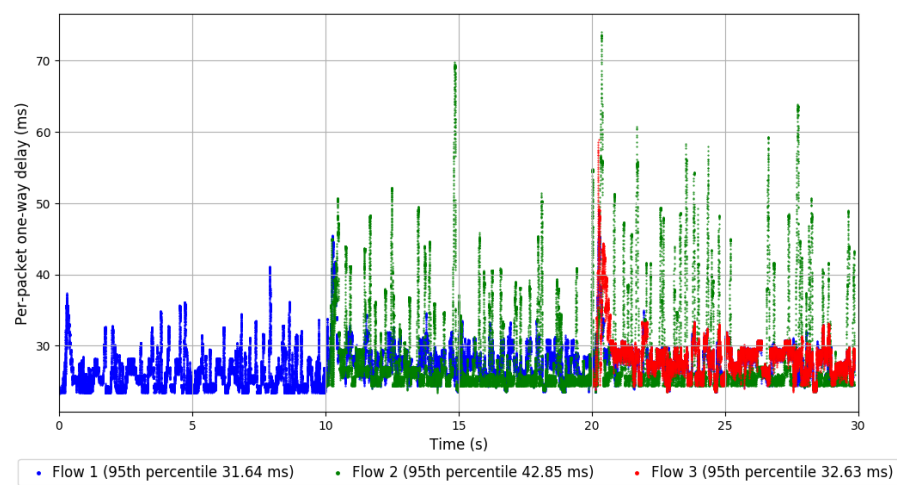
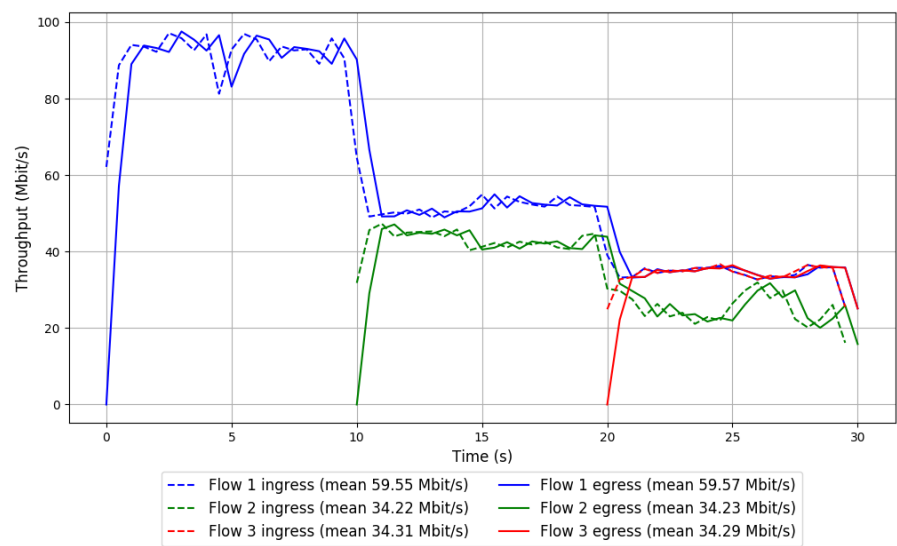


Run 6: Statistics of Indigo

Start at: 2018-08-02 02:14:09
End at: 2018-08-02 02:14:39
Local clock offset: 1.655 ms
Remote clock offset: -4.392 ms

Below is generated by plot.py at 2018-08-02 03:50:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 34.490 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 31.637 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 34.23 Mbit/s
95th percentile per-packet one-way delay: 42.853 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 32.630 ms
Loss rate: 0.38%

Run 6: Report of Indigo — Data Link

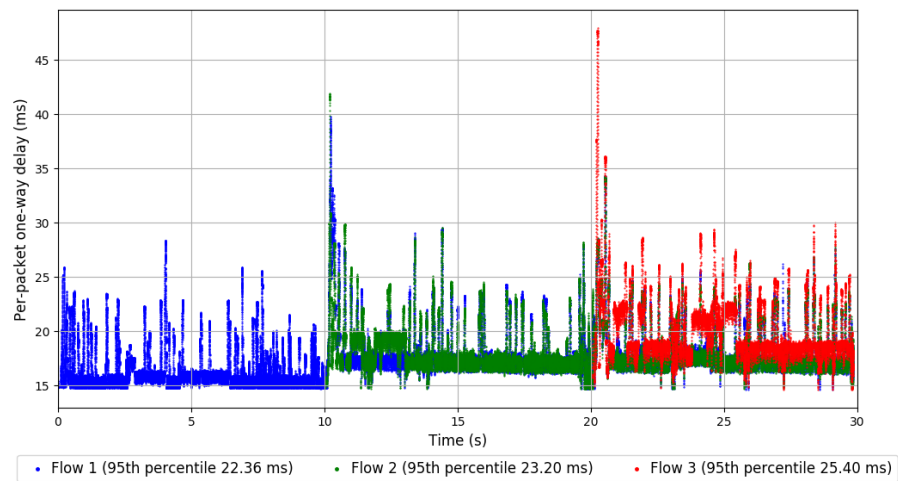
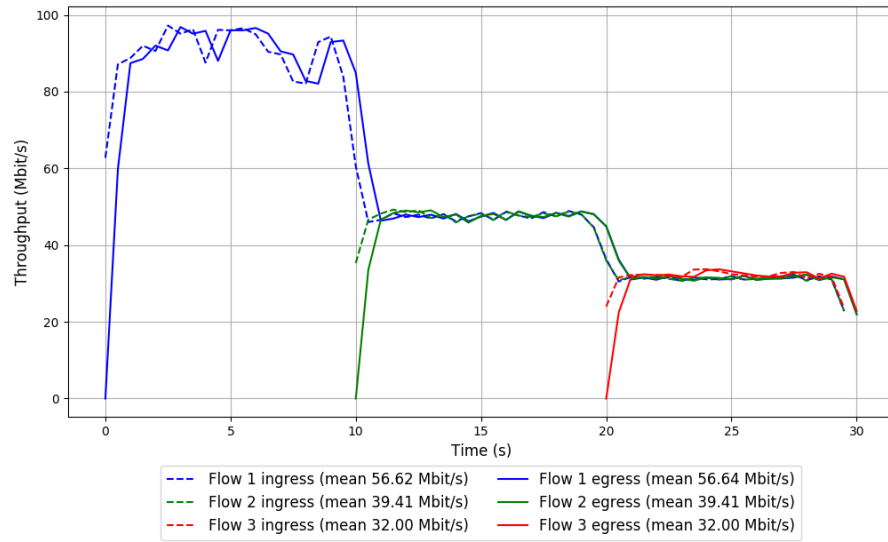


Run 7: Statistics of Indigo

Start at: 2018-08-02 02:34:26
End at: 2018-08-02 02:34:56
Local clock offset: -1.176 ms
Remote clock offset: -2.715 ms

Below is generated by plot.py at 2018-08-02 03:50:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 22.989 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.64 Mbit/s
95th percentile per-packet one-way delay: 22.359 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 23.204 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 25.398 ms
Loss rate: 0.31%

Run 7: Report of Indigo — Data Link

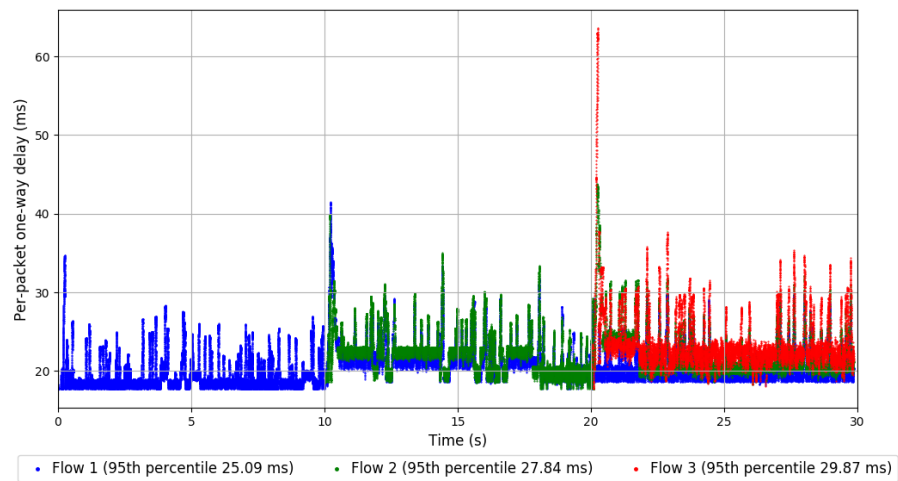
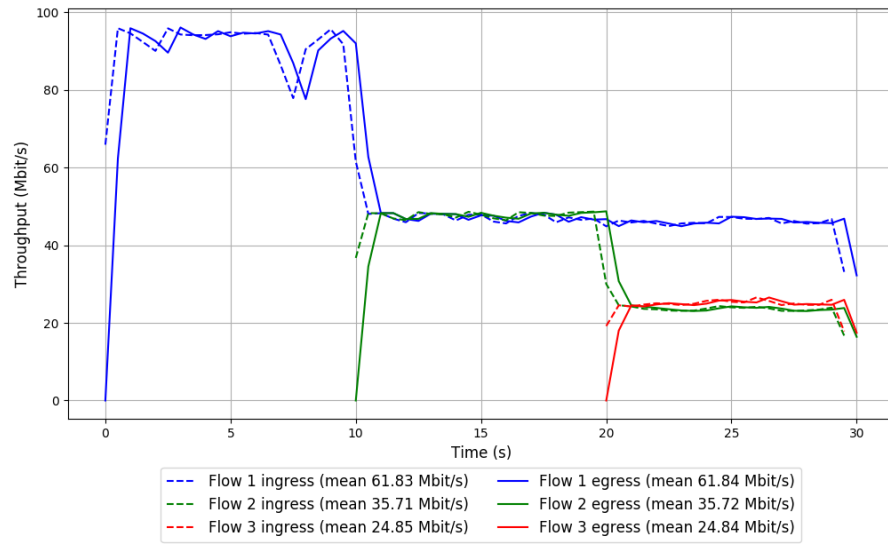


Run 8: Statistics of Indigo

Start at: 2018-08-02 02:54:41
End at: 2018-08-02 02:55:11
Local clock offset: 1.972 ms
Remote clock offset: -5.225 ms

Below is generated by plot.py at 2018-08-02 03:50:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.76 Mbit/s
95th percentile per-packet one-way delay: 26.670 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 61.84 Mbit/s
95th percentile per-packet one-way delay: 25.093 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 27.836 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 29.867 ms
Loss rate: 0.32%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-08-02 03:14:50

End at: 2018-08-02 03:15:20

Local clock offset: -1.56 ms

Remote clock offset: -6.69 ms

Below is generated by plot.py at 2018-08-02 03:50:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 22.374 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 62.79 Mbit/s

95th percentile per-packet one-way delay: 20.429 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 37.46 Mbit/s

95th percentile per-packet one-way delay: 22.945 ms

Loss rate: 0.13%

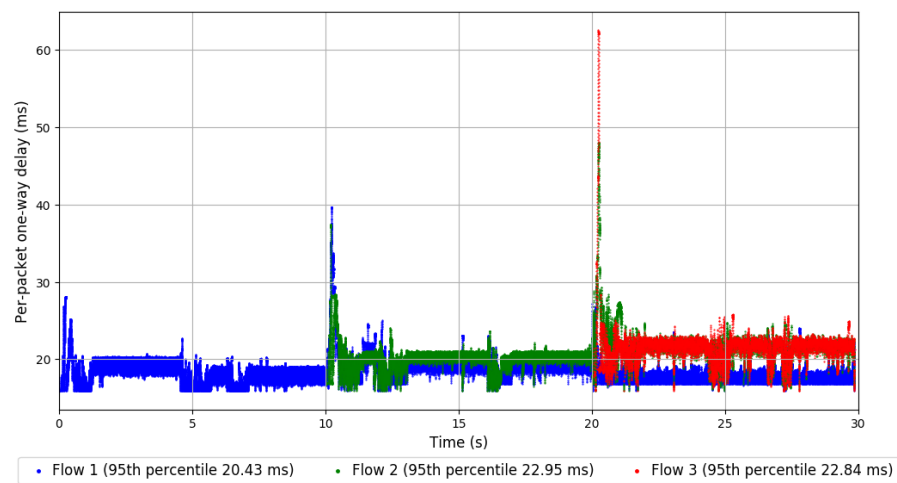
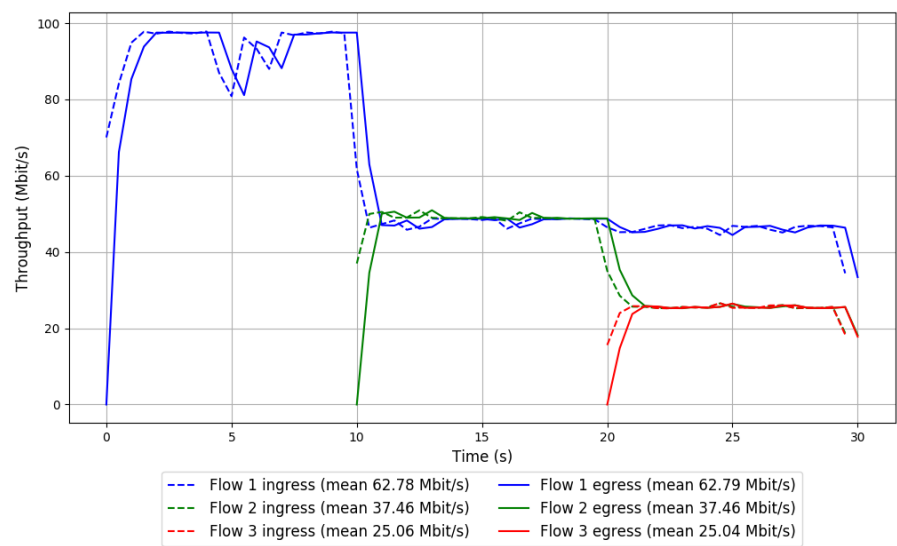
-- Flow 3:

Average throughput: 25.04 Mbit/s

95th percentile per-packet one-way delay: 22.840 ms

Loss rate: 0.34%

Run 9: Report of Indigo — Data Link

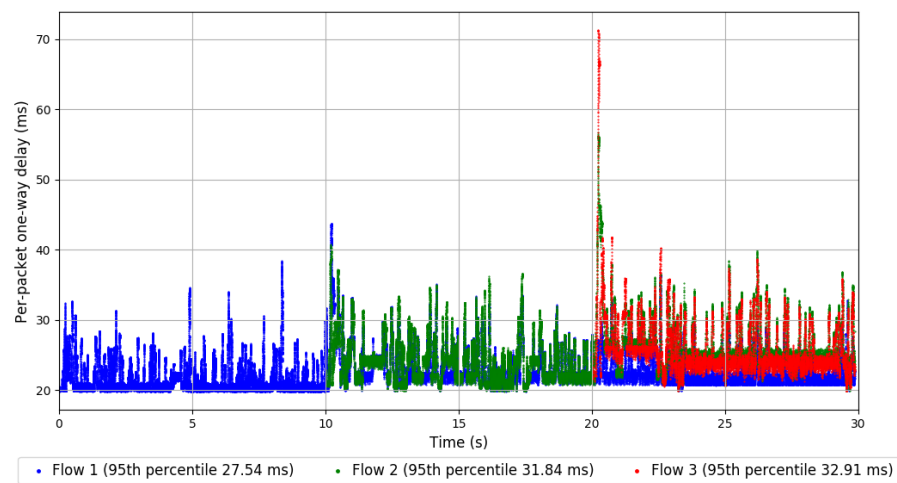
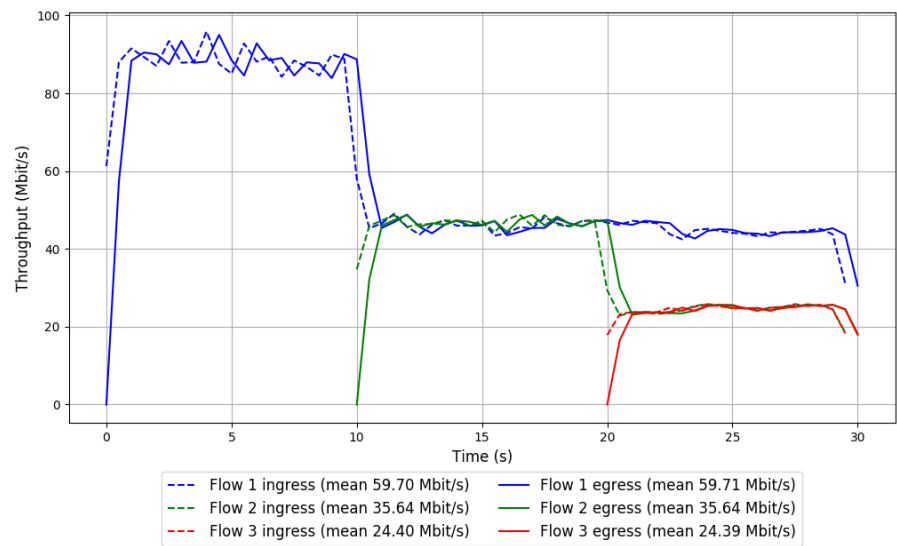


Run 10: Statistics of Indigo

Start at: 2018-08-02 03:34:55
End at: 2018-08-02 03:35:25
Local clock offset: -0.466 ms
Remote clock offset: -9.818 ms

Below is generated by plot.py at 2018-08-02 03:50:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 30.064 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.71 Mbit/s
95th percentile per-packet one-way delay: 27.542 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.64 Mbit/s
95th percentile per-packet one-way delay: 31.844 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 32.913 ms
Loss rate: 0.35%

Run 10: Report of Indigo — Data Link

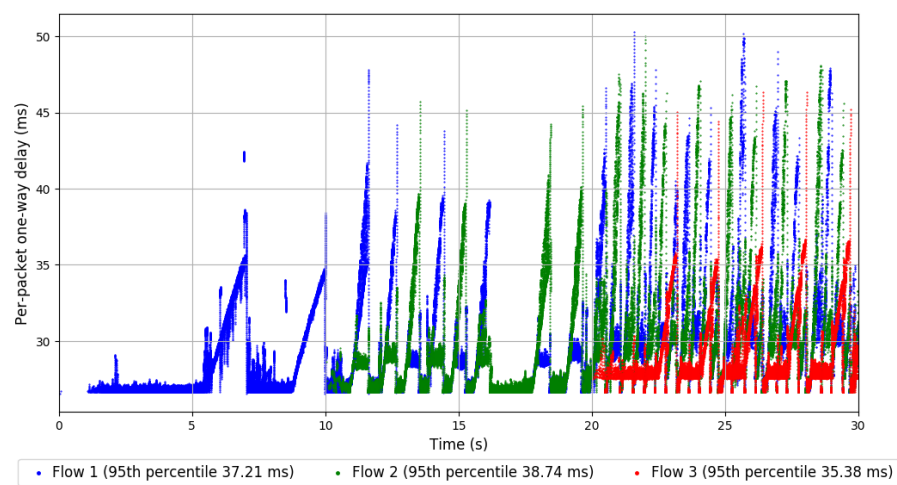
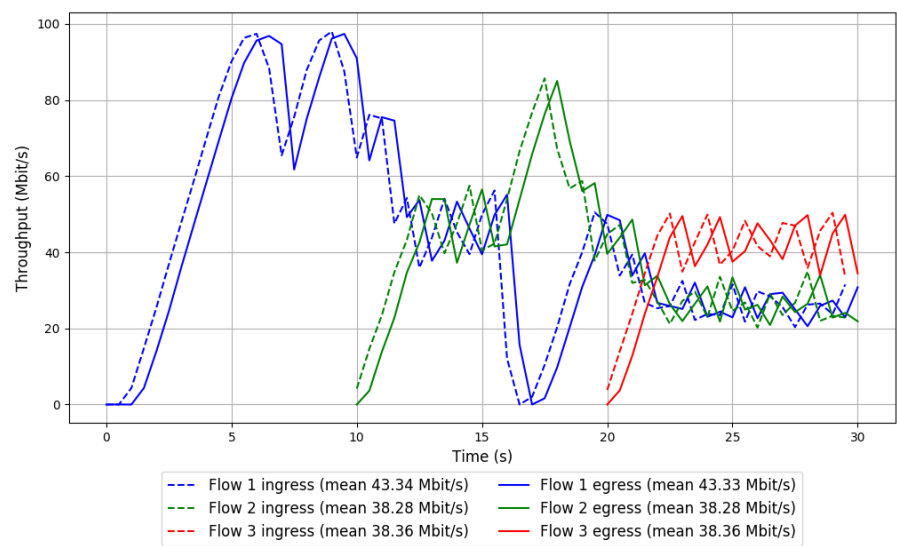


Run 1: Statistics of LEDBAT

Start at: 2018-08-02 00:31:48
End at: 2018-08-02 00:32:18
Local clock offset: 0.403 ms
Remote clock offset: -8.401 ms

Below is generated by plot.py at 2018-08-02 03:50:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.54 Mbit/s
95th percentile per-packet one-way delay: 37.275 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 43.33 Mbit/s
95th percentile per-packet one-way delay: 37.212 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 38.741 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 38.36 Mbit/s
95th percentile per-packet one-way delay: 35.383 ms
Loss rate: 0.34%

Run 1: Report of LEDBAT — Data Link

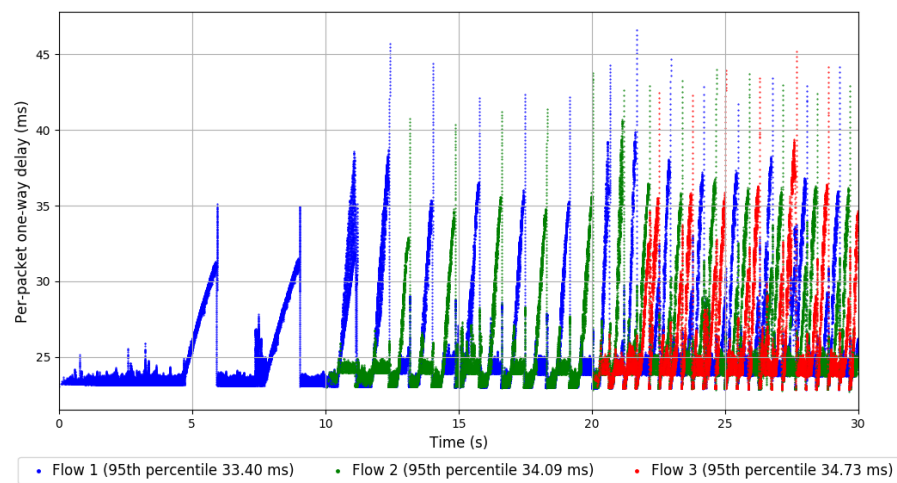
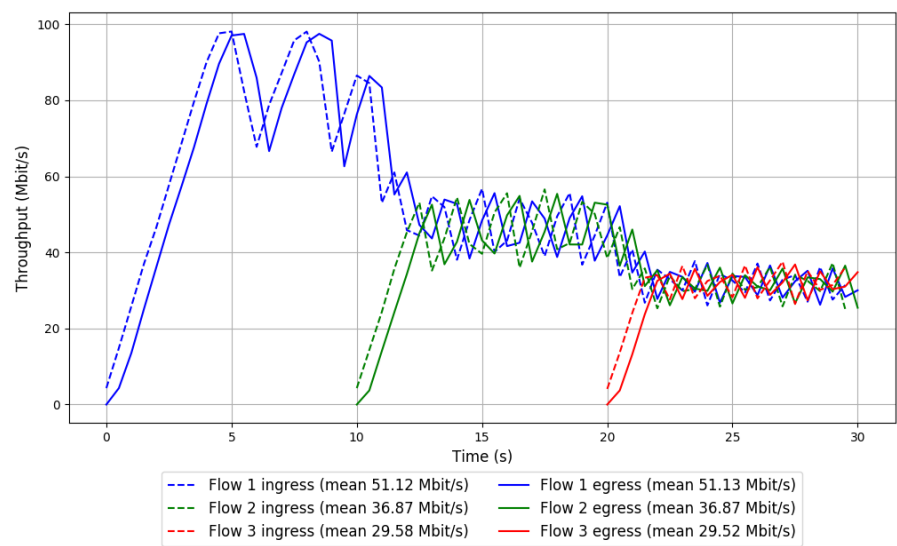


Run 2: Statistics of LEDBAT

Start at: 2018-08-02 00:52:11
End at: 2018-08-02 00:52:42
Local clock offset: -1.682 ms
Remote clock offset: -7.023 ms

Below is generated by plot.py at 2018-08-02 03:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.47 Mbit/s
95th percentile per-packet one-way delay: 33.871 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 51.13 Mbit/s
95th percentile per-packet one-way delay: 33.396 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.87 Mbit/s
95th percentile per-packet one-way delay: 34.091 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 29.52 Mbit/s
95th percentile per-packet one-way delay: 34.731 ms
Loss rate: 0.54%

Run 2: Report of LEDBAT — Data Link

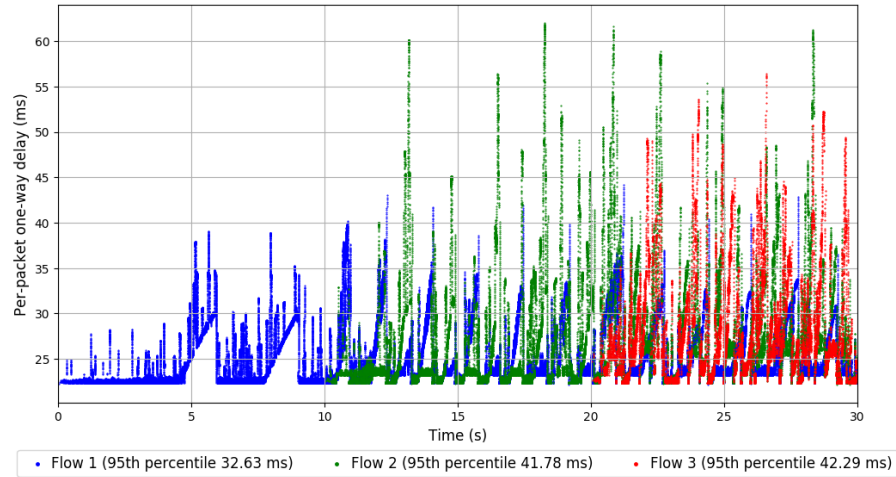
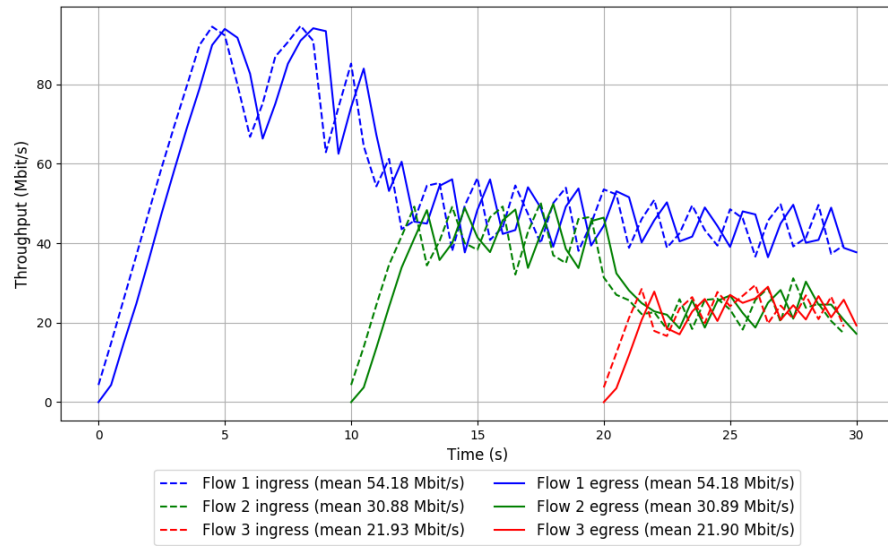


Run 3: Statistics of LEDBAT

Start at: 2018-08-02 01:12:20
End at: 2018-08-02 01:12:50
Local clock offset: -0.571 ms
Remote clock offset: -11.364 ms

Below is generated by plot.py at 2018-08-02 03:51:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.01 Mbit/s
95th percentile per-packet one-way delay: 35.286 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 54.18 Mbit/s
95th percentile per-packet one-way delay: 32.635 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 30.89 Mbit/s
95th percentile per-packet one-way delay: 41.782 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 21.90 Mbit/s
95th percentile per-packet one-way delay: 42.290 ms
Loss rate: 0.46%

Run 3: Report of LEDBAT — Data Link

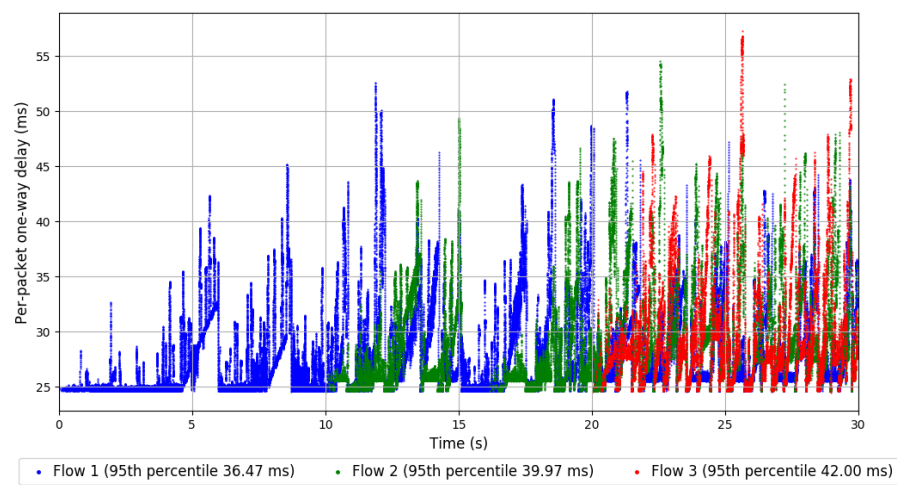
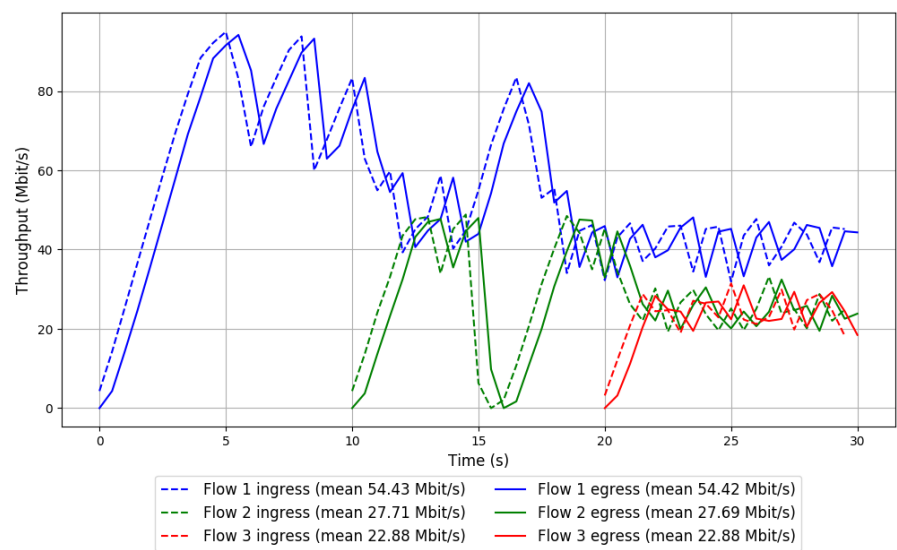


Run 4: Statistics of LEDBAT

Start at: 2018-08-02 01:32:22
End at: 2018-08-02 01:32:52
Local clock offset: -0.197 ms
Remote clock offset: -14.404 ms

Below is generated by plot.py at 2018-08-02 03:51:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.44 Mbit/s
95th percentile per-packet one-way delay: 37.897 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 54.42 Mbit/s
95th percentile per-packet one-way delay: 36.471 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 27.69 Mbit/s
95th percentile per-packet one-way delay: 39.974 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 22.88 Mbit/s
95th percentile per-packet one-way delay: 42.003 ms
Loss rate: 0.36%

Run 4: Report of LEDBAT — Data Link

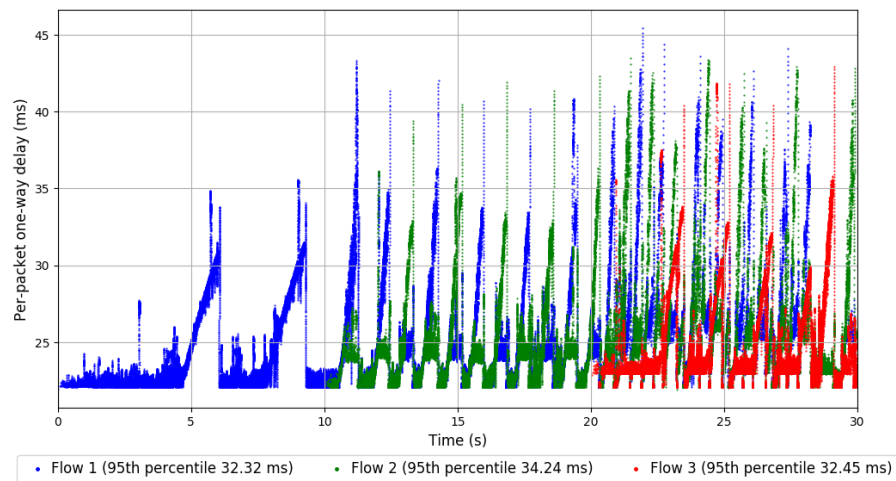
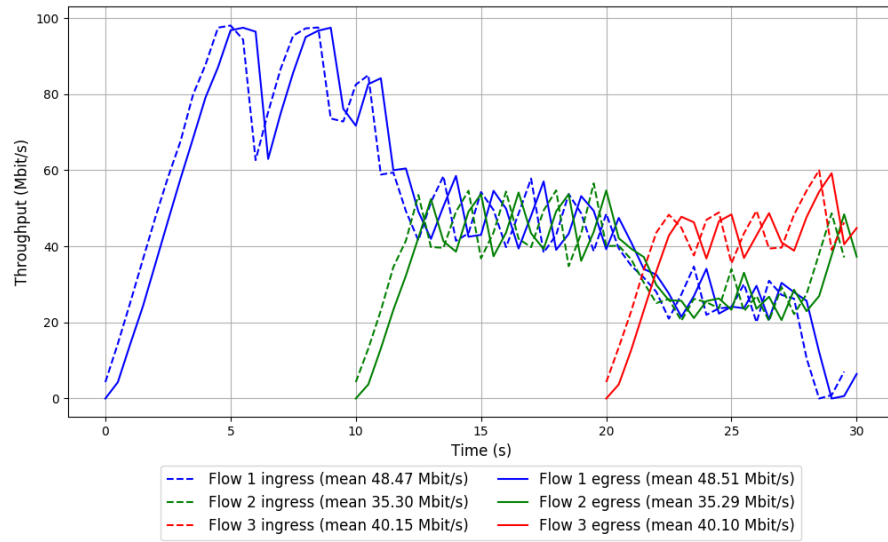


Run 5: Statistics of LEDBAT

Start at: 2018-08-02 01:52:26
End at: 2018-08-02 01:52:56
Local clock offset: -0.934 ms
Remote clock offset: -13.045 ms

Below is generated by plot.py at 2018-08-02 03:51:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.29 Mbit/s
95th percentile per-packet one-way delay: 32.872 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 32.317 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: 34.238 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 32.450 ms
Loss rate: 0.47%

Run 5: Report of LEDBAT — Data Link

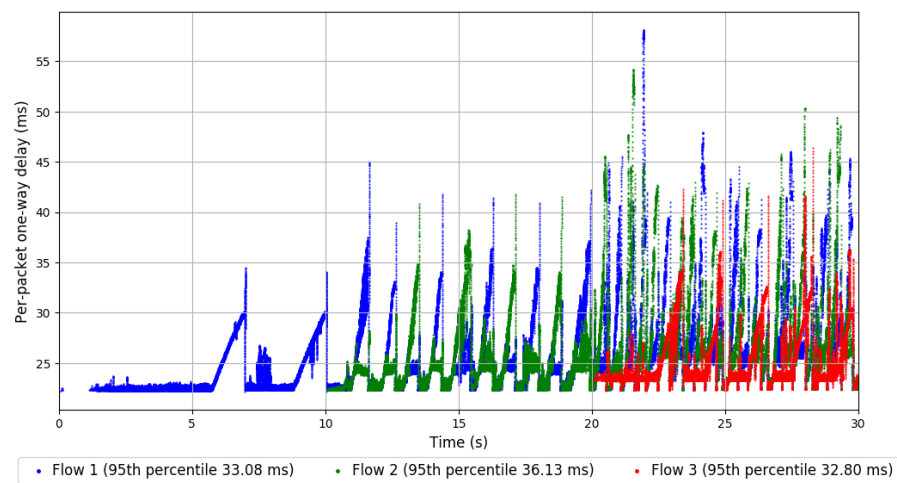
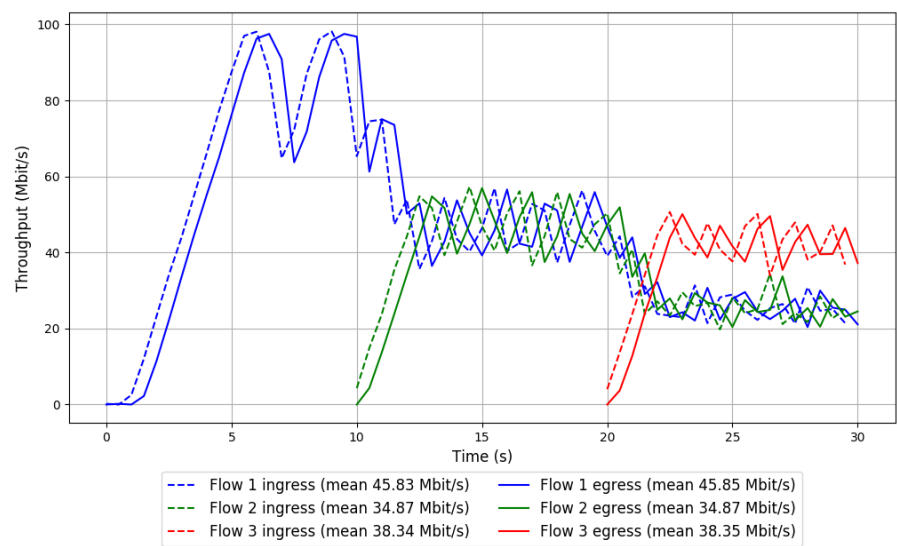


Run 6: Statistics of LEDBAT

Start at: 2018-08-02 02:12:58
End at: 2018-08-02 02:13:28
Local clock offset: 0.456 ms
Remote clock offset: -4.737 ms

Below is generated by plot.py at 2018-08-02 03:51:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.77 Mbit/s
95th percentile per-packet one-way delay: 33.697 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 45.85 Mbit/s
95th percentile per-packet one-way delay: 33.083 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 34.87 Mbit/s
95th percentile per-packet one-way delay: 36.134 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 38.35 Mbit/s
95th percentile per-packet one-way delay: 32.797 ms
Loss rate: 0.32%

Run 6: Report of LEDBAT — Data Link

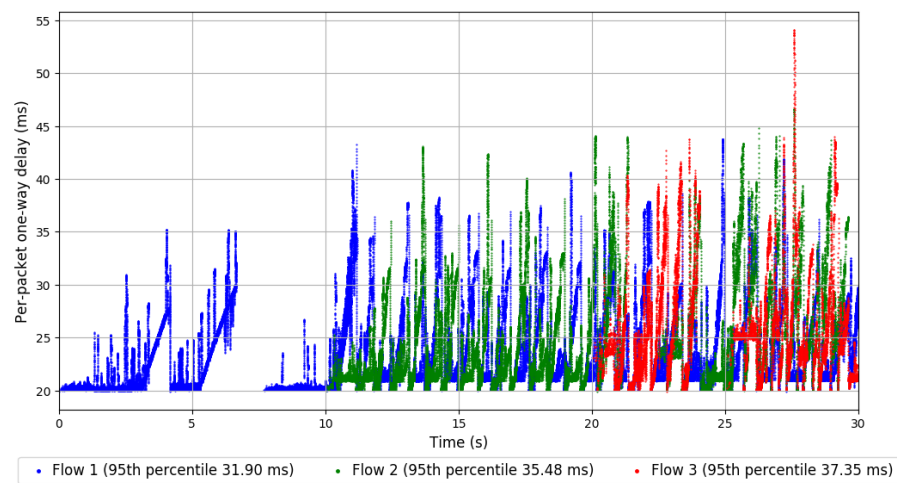
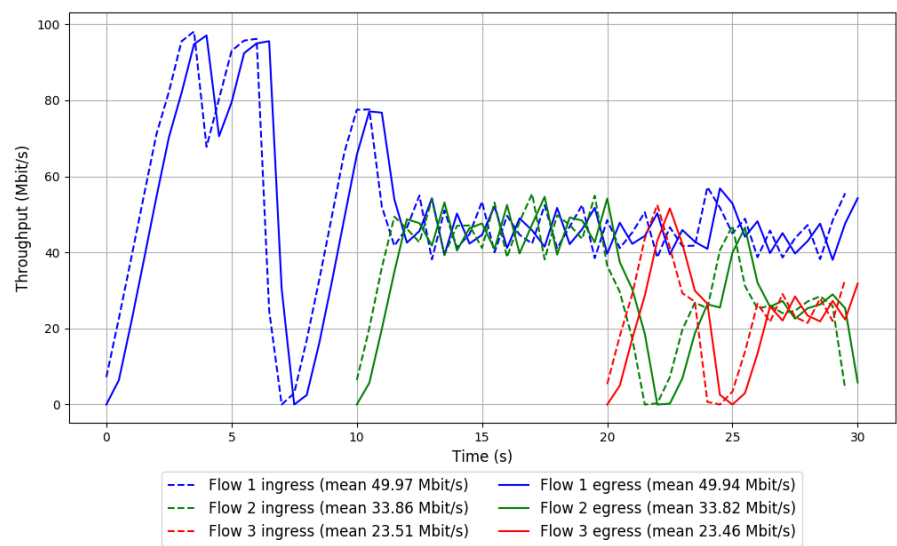


Run 7: Statistics of LEDBAT

Start at: 2018-08-02 02:33:10
End at: 2018-08-02 02:33:40
Local clock offset: 1.618 ms
Remote clock offset: -4.829 ms

Below is generated by plot.py at 2018-08-02 03:51:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.84 Mbit/s
95th percentile per-packet one-way delay: 33.558 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 49.94 Mbit/s
95th percentile per-packet one-way delay: 31.897 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 35.481 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 37.355 ms
Loss rate: 0.54%

Run 7: Report of LEDBAT — Data Link

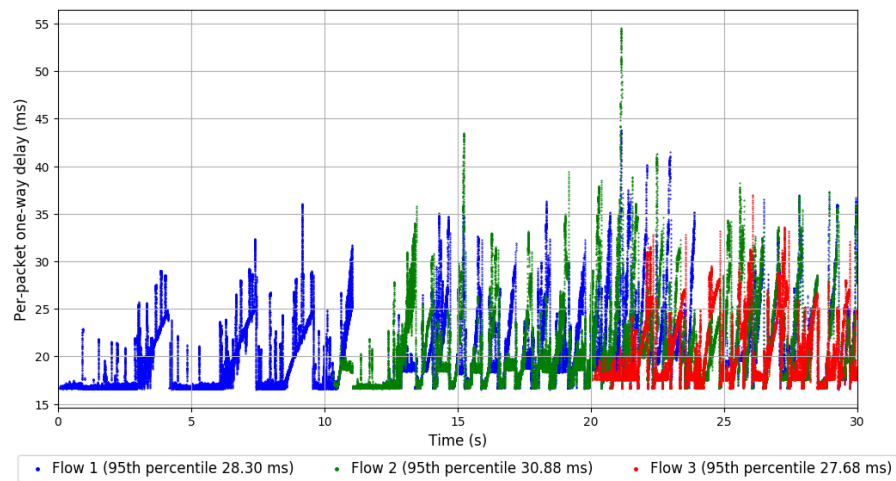
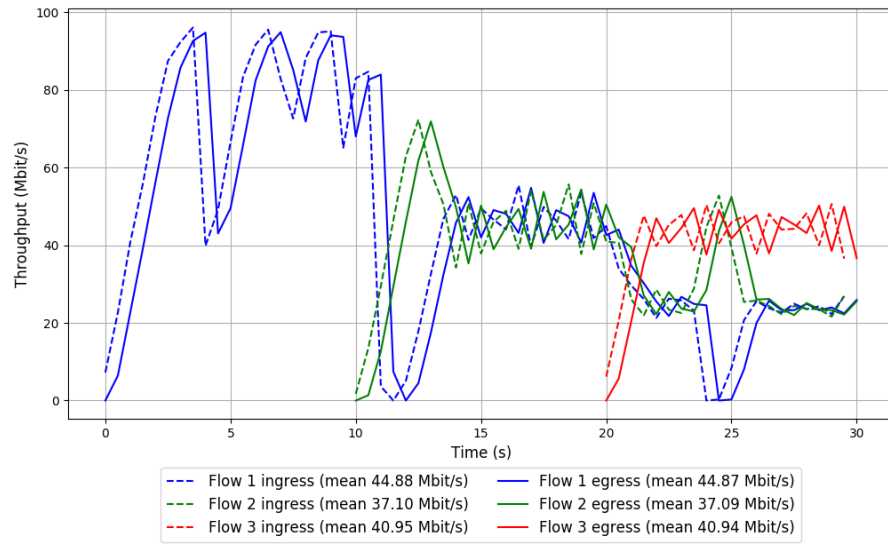


Run 8: Statistics of LEDBAT

Start at: 2018-08-02 02:53:27
End at: 2018-08-02 02:53:58
Local clock offset: 0.389 ms
Remote clock offset: -5.851 ms

Below is generated by plot.py at 2018-08-02 03:51:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.85 Mbit/s
95th percentile per-packet one-way delay: 28.772 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 44.87 Mbit/s
95th percentile per-packet one-way delay: 28.299 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.09 Mbit/s
95th percentile per-packet one-way delay: 30.884 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 27.678 ms
Loss rate: 0.30%

Run 8: Report of LEDBAT — Data Link

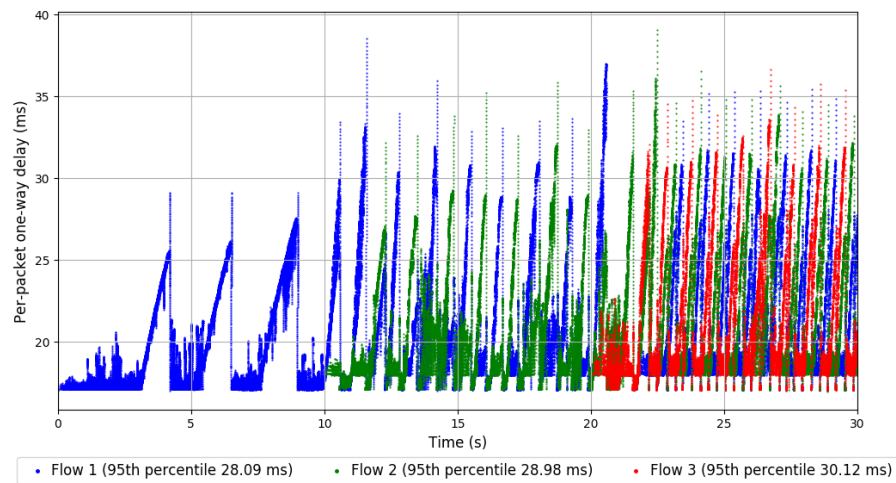
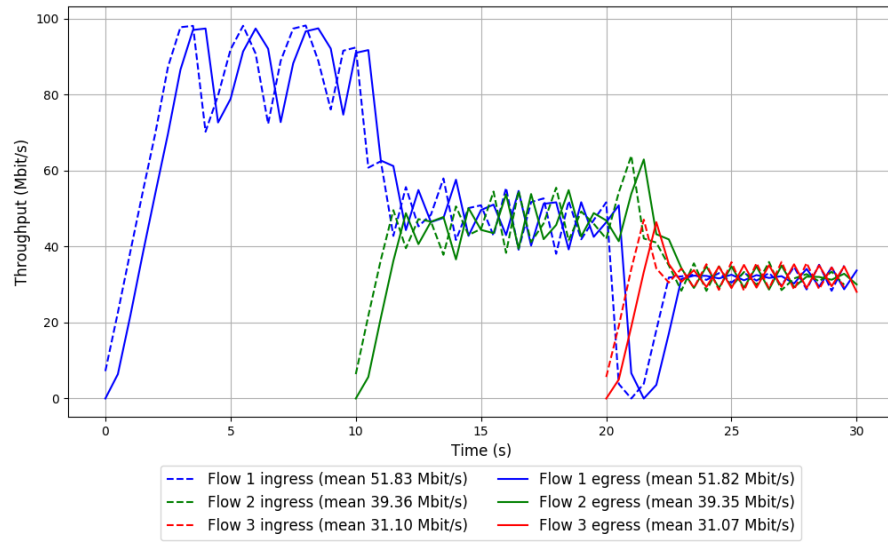


Run 9: Statistics of LEDBAT

Start at: 2018-08-02 03:13:39
End at: 2018-08-02 03:14:09
Local clock offset: 0.346 ms
Remote clock offset: -5.938 ms

Below is generated by plot.py at 2018-08-02 03:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 28.753 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 51.82 Mbit/s
95th percentile per-packet one-way delay: 28.085 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 28.985 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 31.07 Mbit/s
95th percentile per-packet one-way delay: 30.121 ms
Loss rate: 0.38%

Run 9: Report of LEDBAT — Data Link

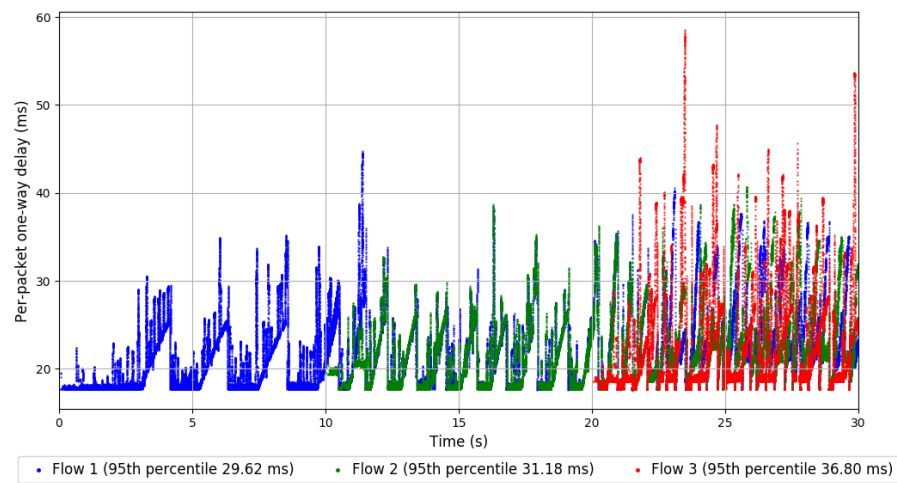
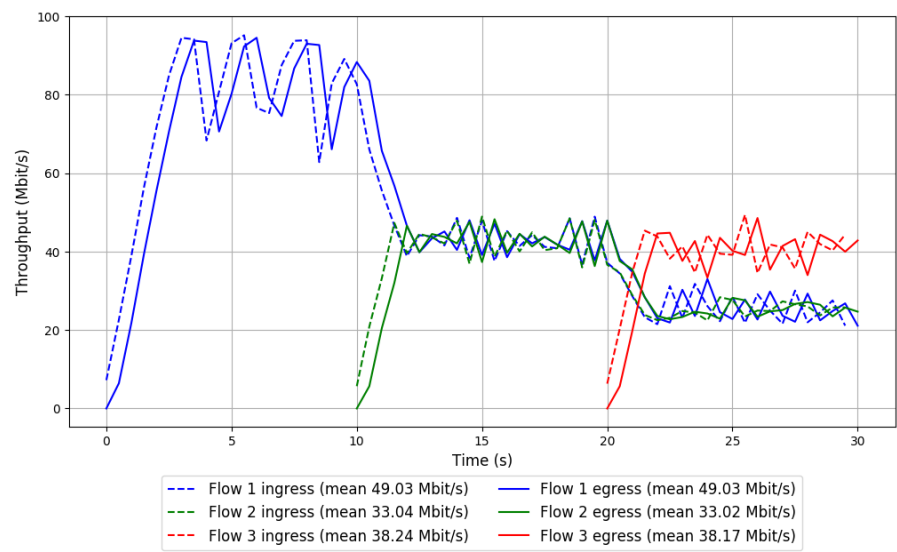


Run 10: Statistics of LEDBAT

Start at: 2018-08-02 03:33:45
End at: 2018-08-02 03:34:15
Local clock offset: -0.741 ms
Remote clock offset: -7.928 ms

Below is generated by plot.py at 2018-08-02 03:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.68 Mbit/s
95th percentile per-packet one-way delay: 31.037 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 49.03 Mbit/s
95th percentile per-packet one-way delay: 29.616 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 31.185 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 36.801 ms
Loss rate: 0.47%

Run 10: Report of LEDBAT — Data Link

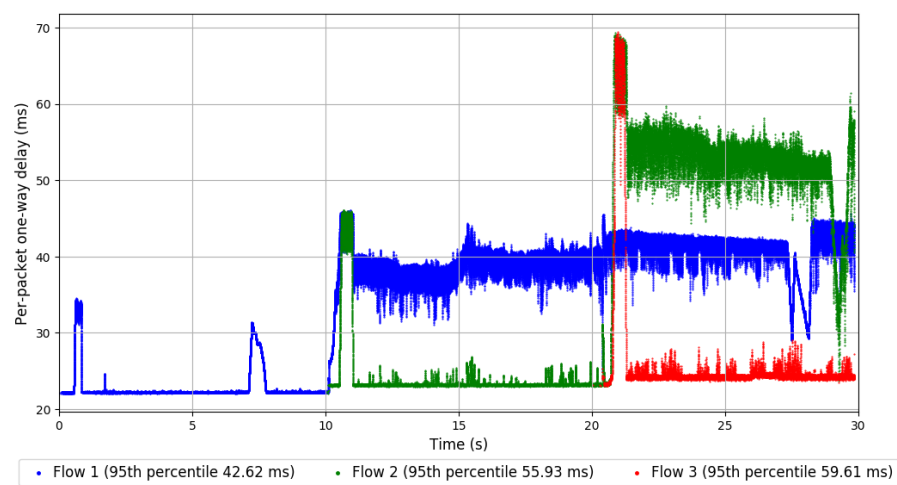
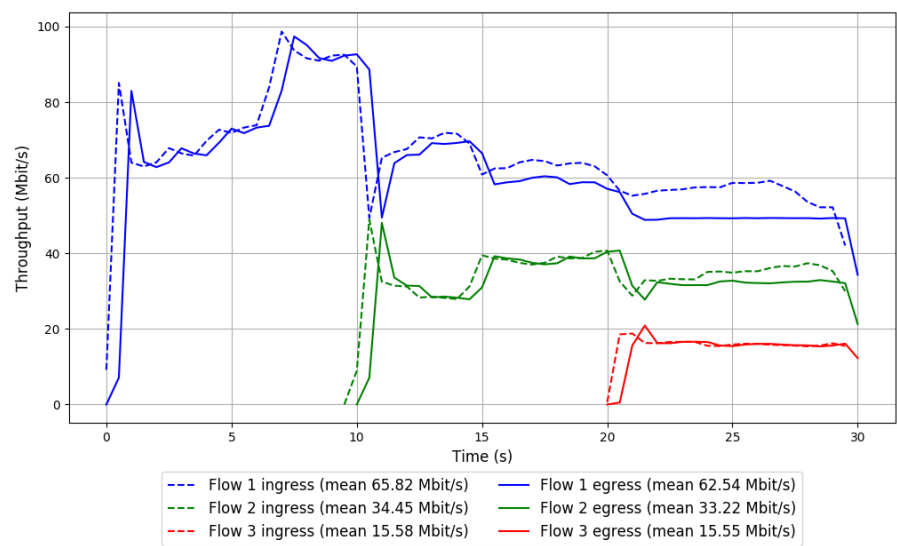


Run 1: Statistics of PCC-Allegro

Start at: 2018-08-02 00:24:37
End at: 2018-08-02 00:25:07
Local clock offset: -2.658 ms
Remote clock offset: -7.455 ms

Below is generated by plot.py at 2018-08-02 03:52:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.73 Mbit/s
95th percentile per-packet one-way delay: 53.256 ms
Loss rate: 4.74%
-- Flow 1:
Average throughput: 62.54 Mbit/s
95th percentile per-packet one-way delay: 42.624 ms
Loss rate: 5.22%
-- Flow 2:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 55.932 ms
Loss rate: 4.14%
-- Flow 3:
Average throughput: 15.55 Mbit/s
95th percentile per-packet one-way delay: 59.607 ms
Loss rate: 1.37%

Run 1: Report of PCC-Allegro — Data Link

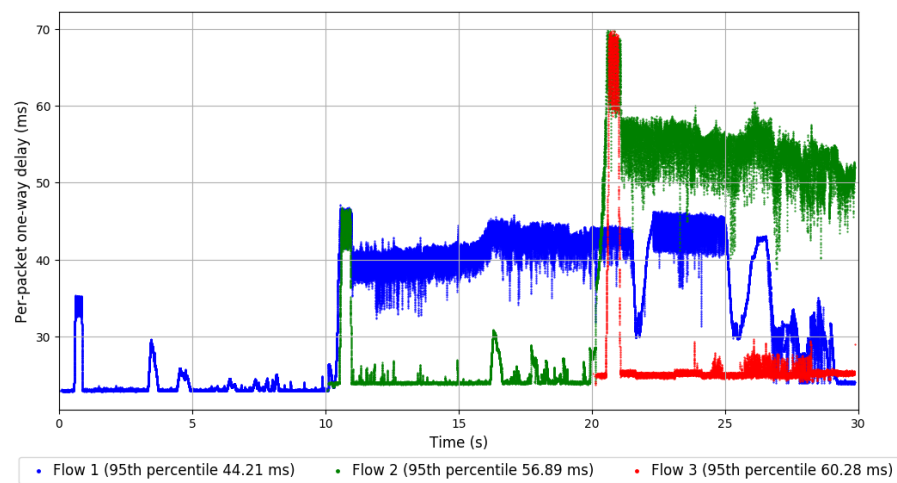
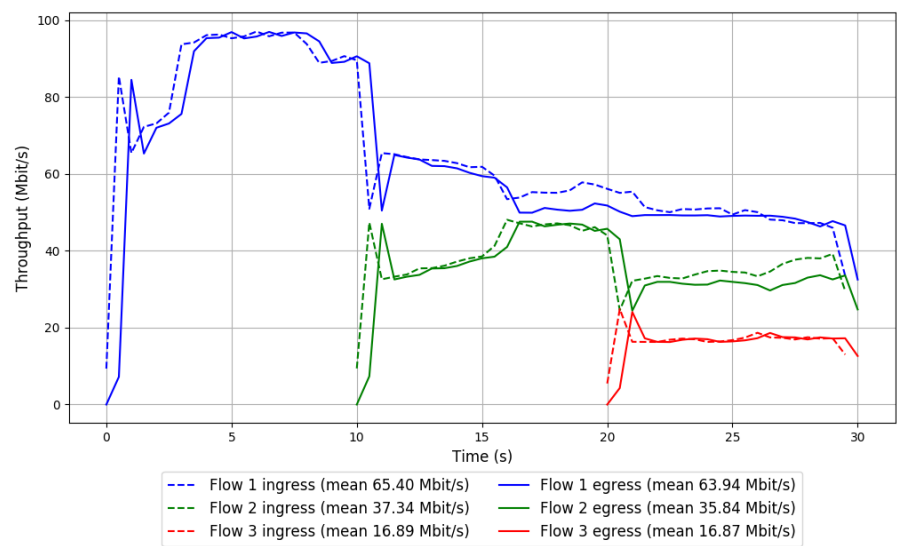


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-02 00:44:49
End at: 2018-08-02 00:45:19
Local clock offset: 0.741 ms
Remote clock offset: -3.913 ms

Below is generated by plot.py at 2018-08-02 03:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 54.271 ms
Loss rate: 2.72%
-- Flow 1:
Average throughput: 63.94 Mbit/s
95th percentile per-packet one-way delay: 44.206 ms
Loss rate: 2.34%
-- Flow 2:
Average throughput: 35.84 Mbit/s
95th percentile per-packet one-way delay: 56.888 ms
Loss rate: 4.22%
-- Flow 3:
Average throughput: 16.87 Mbit/s
95th percentile per-packet one-way delay: 60.281 ms
Loss rate: 0.44%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-08-02 01:05:16

End at: 2018-08-02 01:05:46

Local clock offset: 1.081 ms

Remote clock offset: -10.556 ms

Below is generated by plot.py at 2018-08-02 03:52:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 52.511 ms

Loss rate: 5.46%

-- Flow 1:

Average throughput: 53.37 Mbit/s

95th percentile per-packet one-way delay: 50.238 ms

Loss rate: 6.72%

-- Flow 2:

Average throughput: 35.44 Mbit/s

95th percentile per-packet one-way delay: 55.878 ms

Loss rate: 3.96%

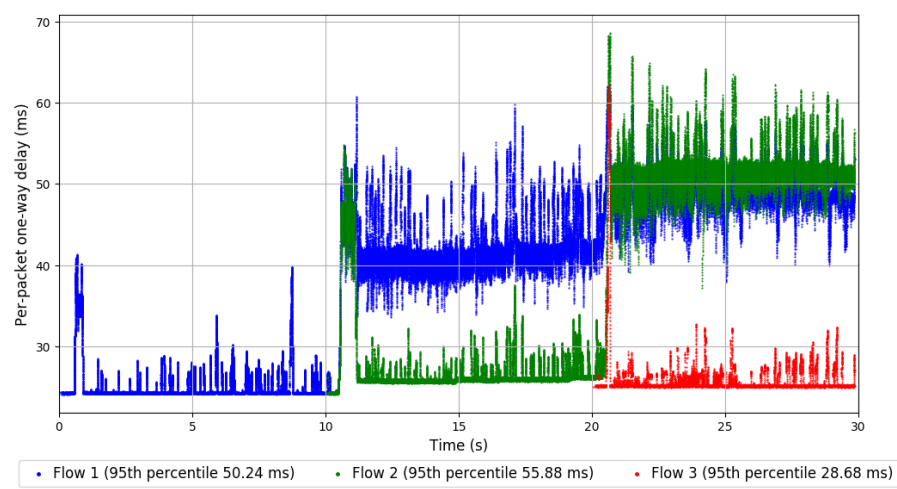
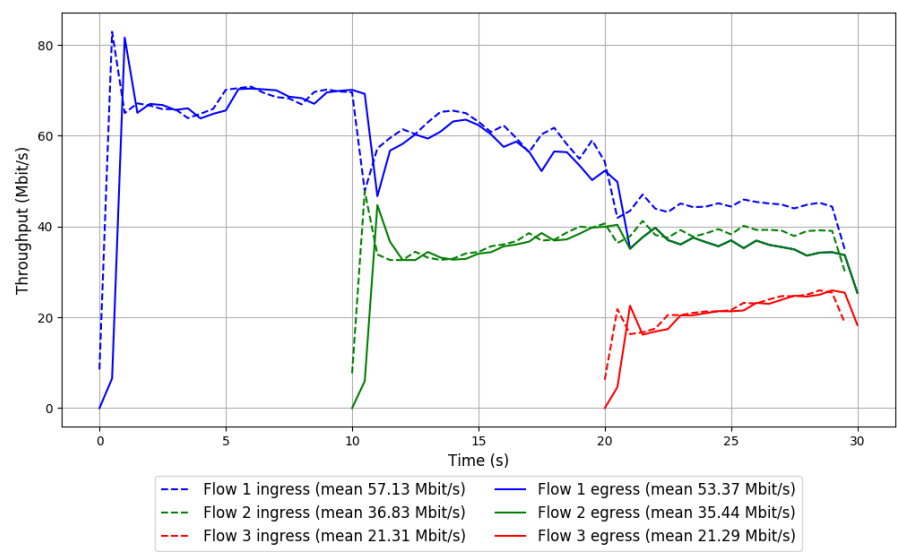
-- Flow 3:

Average throughput: 21.29 Mbit/s

95th percentile per-packet one-way delay: 28.676 ms

Loss rate: 0.42%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-02 01:25:15

End at: 2018-08-02 01:25:45

Local clock offset: 0.398 ms

Remote clock offset: -14.555 ms

Below is generated by plot.py at 2018-08-02 03:52:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.65 Mbit/s

95th percentile per-packet one-way delay: 45.843 ms

Loss rate: 1.27%

-- Flow 1:

Average throughput: 69.60 Mbit/s

95th percentile per-packet one-way delay: 45.798 ms

Loss rate: 1.44%

-- Flow 2:

Average throughput: 4.75 Mbit/s

95th percentile per-packet one-way delay: 27.710 ms

Loss rate: 0.21%

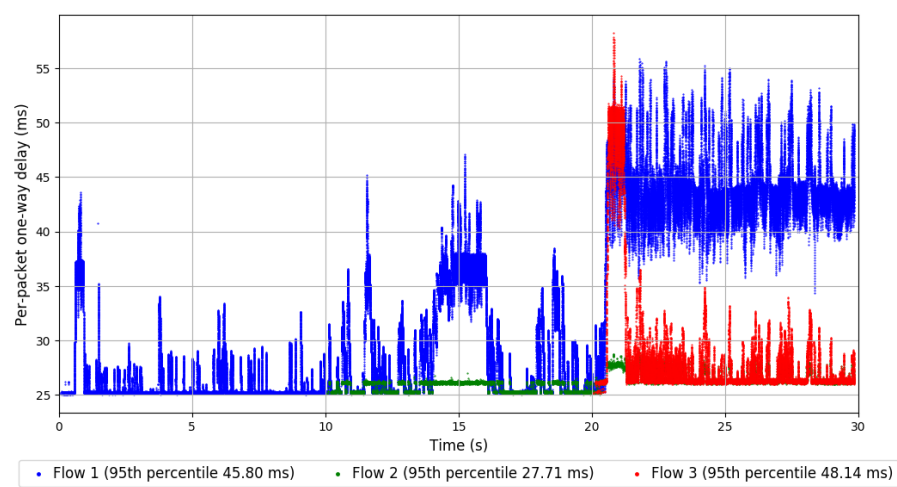
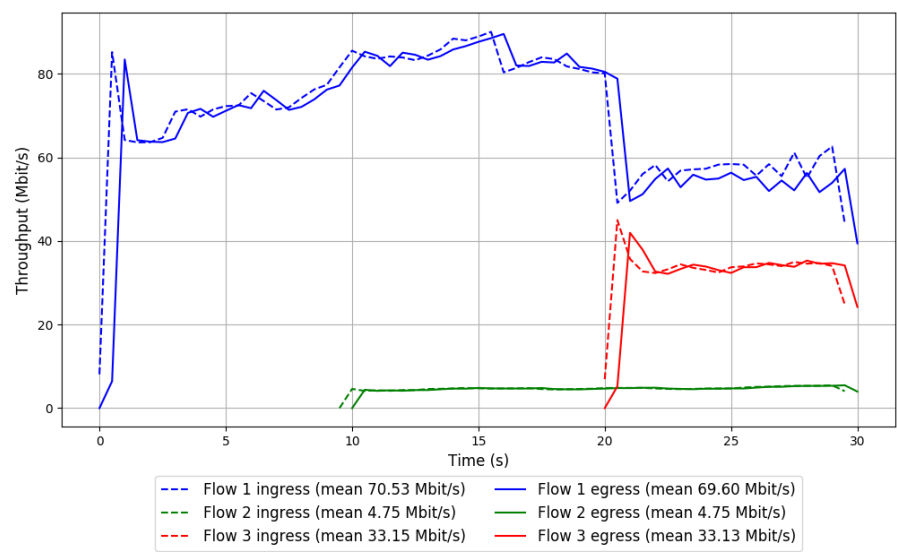
-- Flow 3:

Average throughput: 33.13 Mbit/s

95th percentile per-packet one-way delay: 48.141 ms

Loss rate: 0.49%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-02 01:45:21

End at: 2018-08-02 01:45:51

Local clock offset: 1.722 ms

Remote clock offset: -12.305 ms

Below is generated by plot.py at 2018-08-02 03:52:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.20 Mbit/s

95th percentile per-packet one-way delay: 55.850 ms

Loss rate: 4.90%

-- Flow 1:

Average throughput: 57.43 Mbit/s

95th percentile per-packet one-way delay: 51.456 ms

Loss rate: 6.18%

-- Flow 2:

Average throughput: 36.11 Mbit/s

95th percentile per-packet one-way delay: 56.902 ms

Loss rate: 2.74%

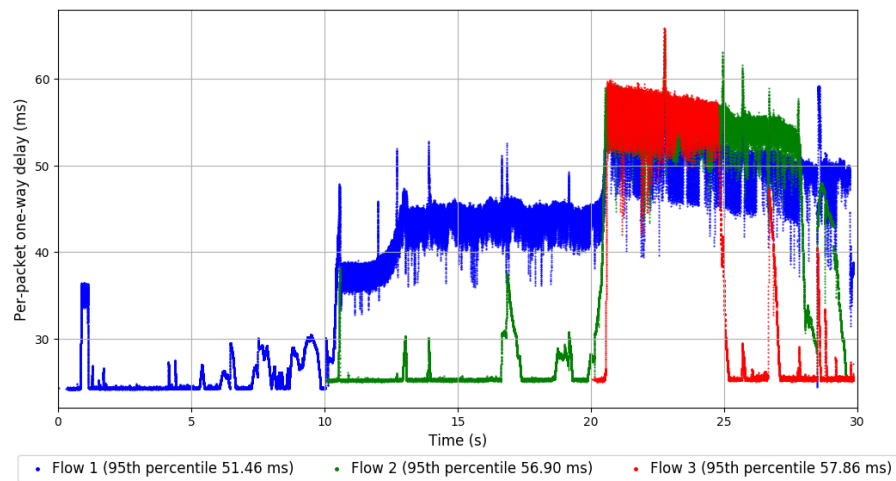
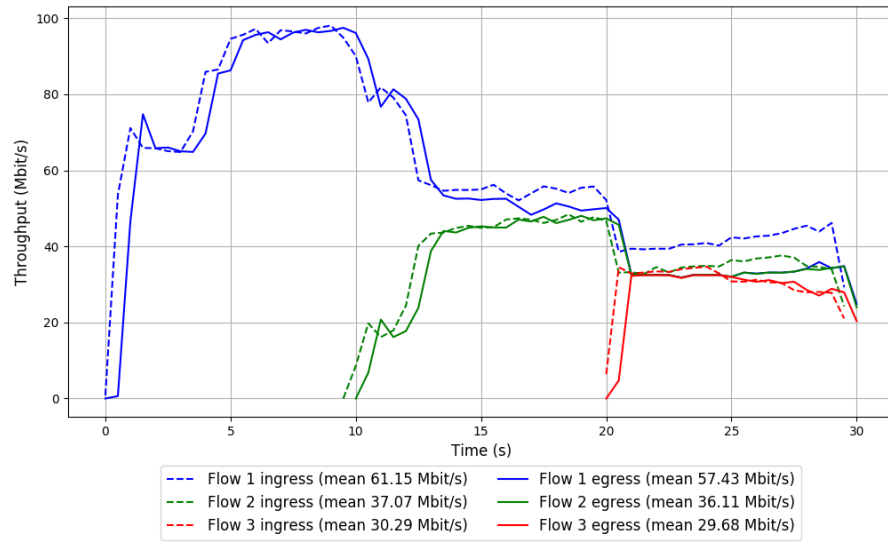
-- Flow 3:

Average throughput: 29.68 Mbit/s

95th percentile per-packet one-way delay: 57.859 ms

Loss rate: 2.41%

Run 5: Report of PCC-Allegro — Data Link

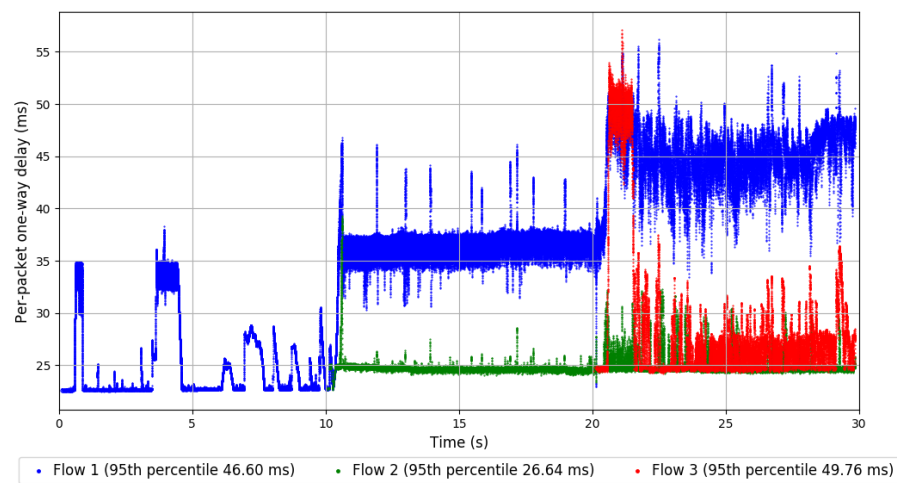
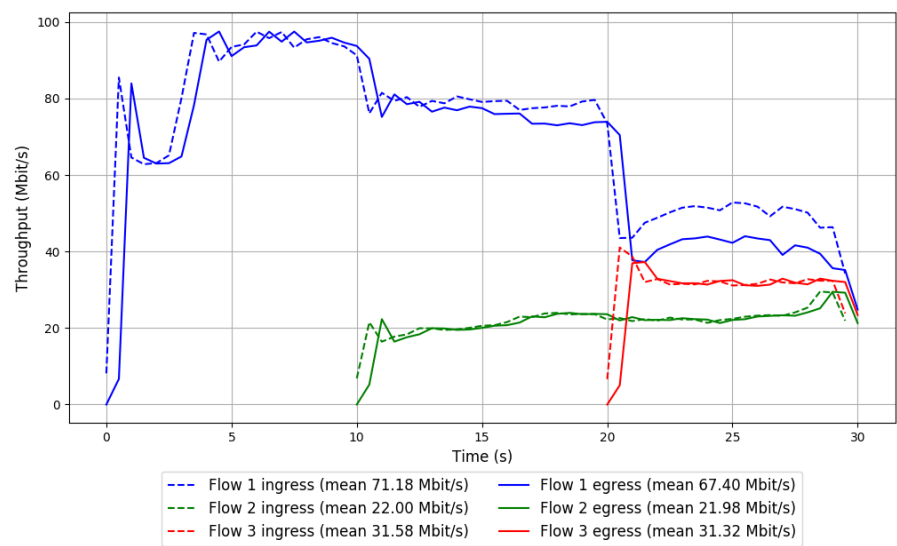


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-02 02:05:39
End at: 2018-08-02 02:06:09
Local clock offset: -0.339 ms
Remote clock offset: -8.785 ms

Below is generated by plot.py at 2018-08-02 03:52:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 46.438 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 67.40 Mbit/s
95th percentile per-packet one-way delay: 46.598 ms
Loss rate: 5.40%
-- Flow 2:
Average throughput: 21.98 Mbit/s
95th percentile per-packet one-way delay: 26.643 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 49.758 ms
Loss rate: 1.18%

Run 6: Report of PCC-Allegro — Data Link

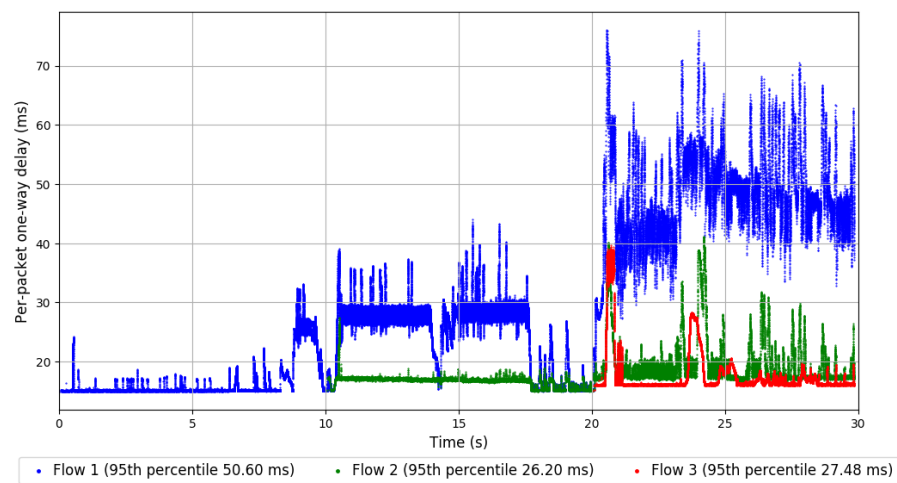
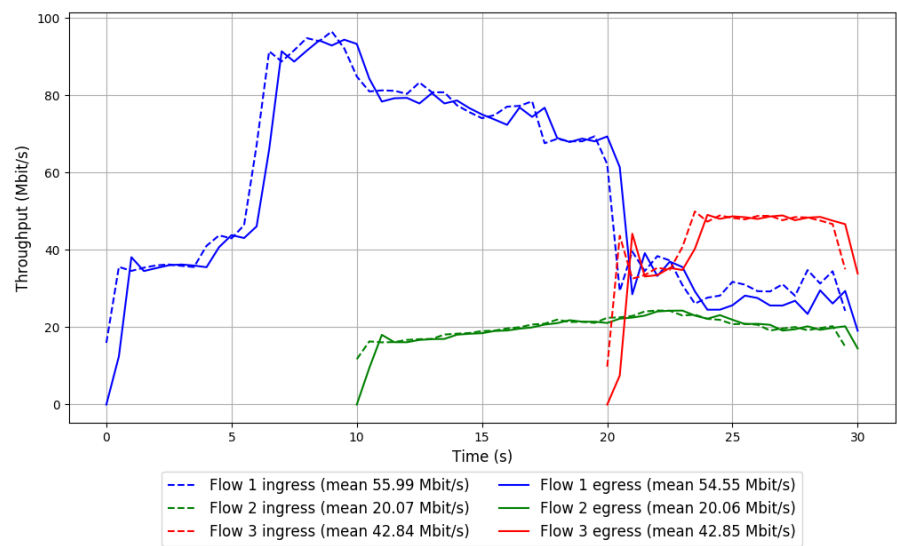


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-02 02:25:56
End at: 2018-08-02 02:26:26
Local clock offset: -1.03 ms
Remote clock offset: -3.259 ms

Below is generated by plot.py at 2018-08-02 03:52:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 47.610 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 54.55 Mbit/s
95th percentile per-packet one-way delay: 50.602 ms
Loss rate: 2.68%
-- Flow 2:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 26.196 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 42.85 Mbit/s
95th percentile per-packet one-way delay: 27.476 ms
Loss rate: 0.35%

Run 7: Report of PCC-Allegro — Data Link

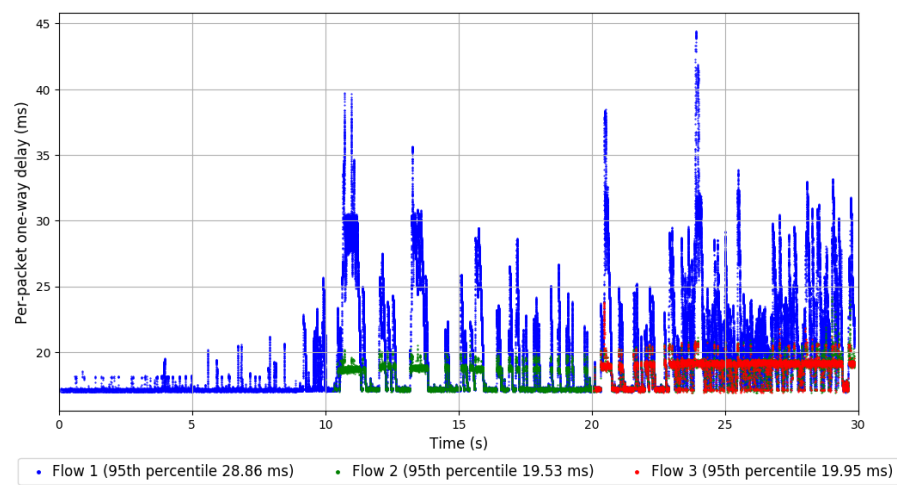
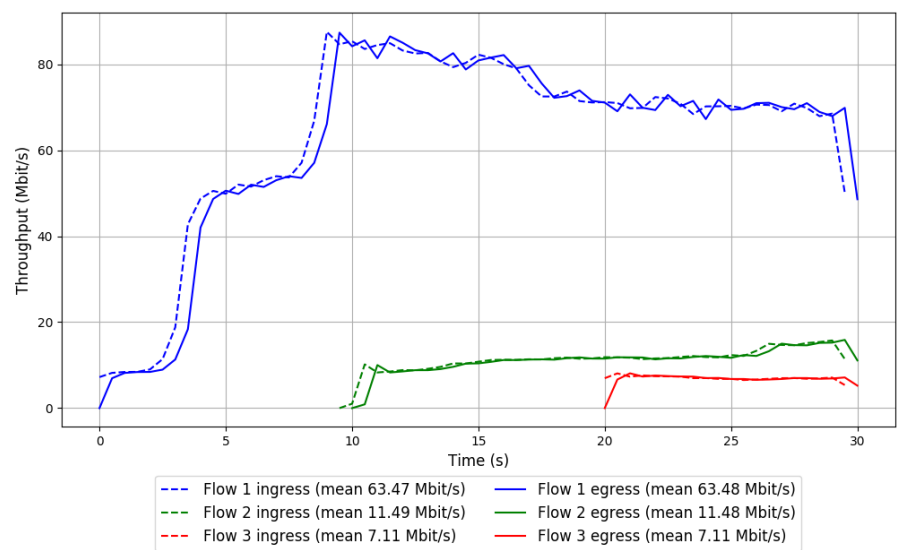


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-02 02:46:26
End at: 2018-08-02 02:46:56
Local clock offset: -0.781 ms
Remote clock offset: -7.143 ms

Below is generated by plot.py at 2018-08-02 03:52:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.45 Mbit/s
95th percentile per-packet one-way delay: 28.480 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 63.48 Mbit/s
95th percentile per-packet one-way delay: 28.860 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 11.48 Mbit/s
95th percentile per-packet one-way delay: 19.534 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 7.11 Mbit/s
95th percentile per-packet one-way delay: 19.953 ms
Loss rate: 0.29%

Run 8: Report of PCC-Allegro — Data Link

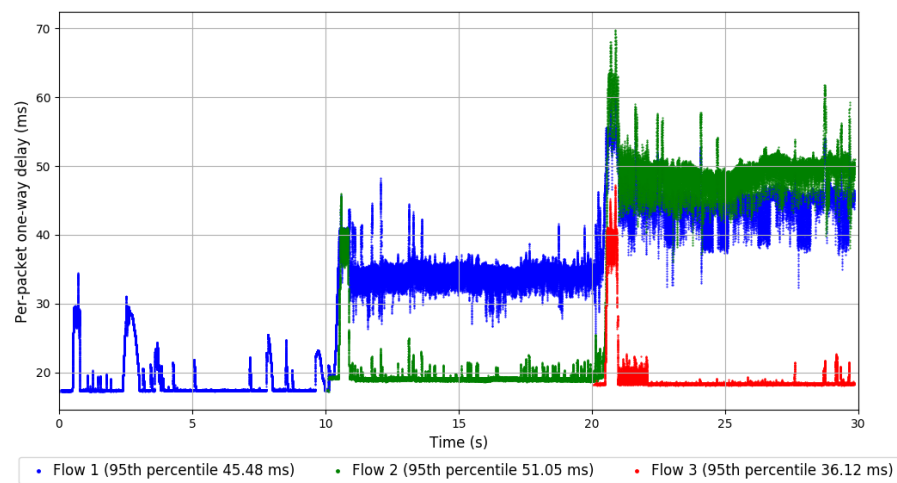
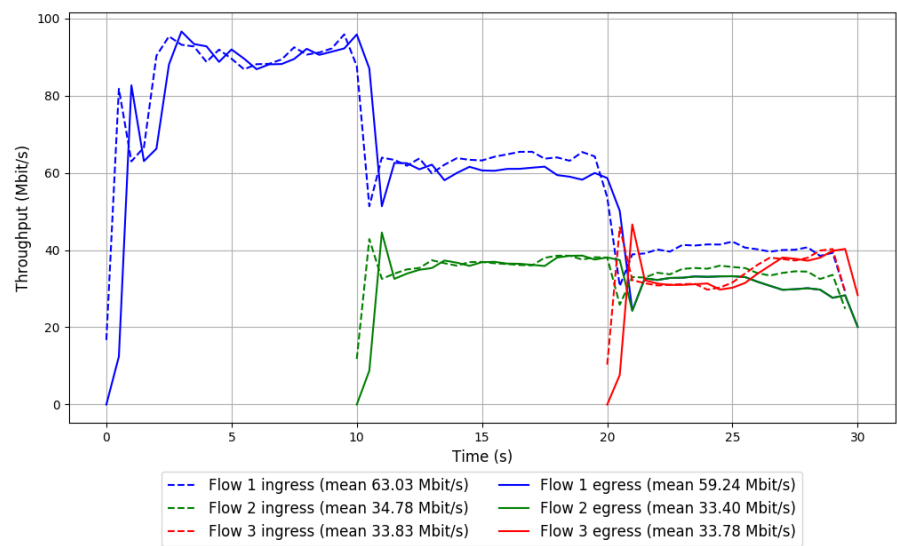


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-02 03:06:31
End at: 2018-08-02 03:07:01
Local clock offset: -2.503 ms
Remote clock offset: -8.686 ms

Below is generated by plot.py at 2018-08-02 03:53:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 49.184 ms
Loss rate: 5.00%
-- Flow 1:
Average throughput: 59.24 Mbit/s
95th percentile per-packet one-way delay: 45.482 ms
Loss rate: 6.13%
-- Flow 2:
Average throughput: 33.40 Mbit/s
95th percentile per-packet one-way delay: 51.047 ms
Loss rate: 4.14%
-- Flow 3:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 36.116 ms
Loss rate: 0.44%

Run 9: Report of PCC-Allegro — Data Link

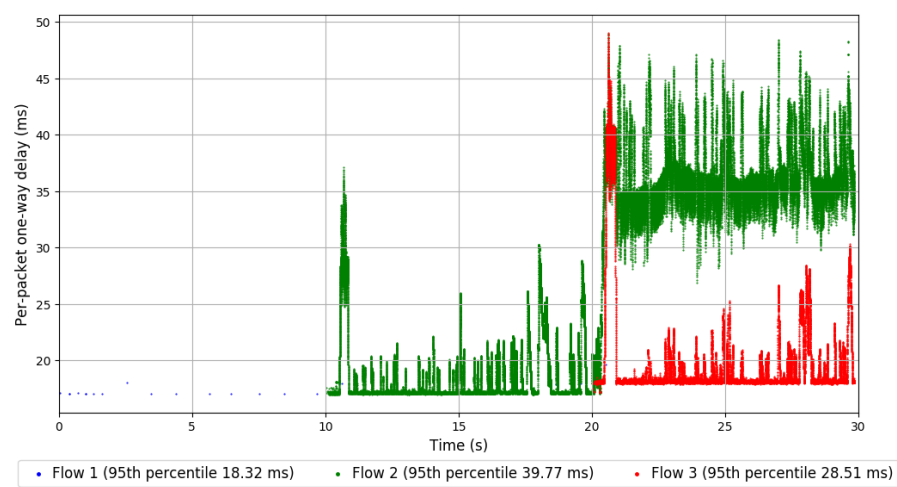
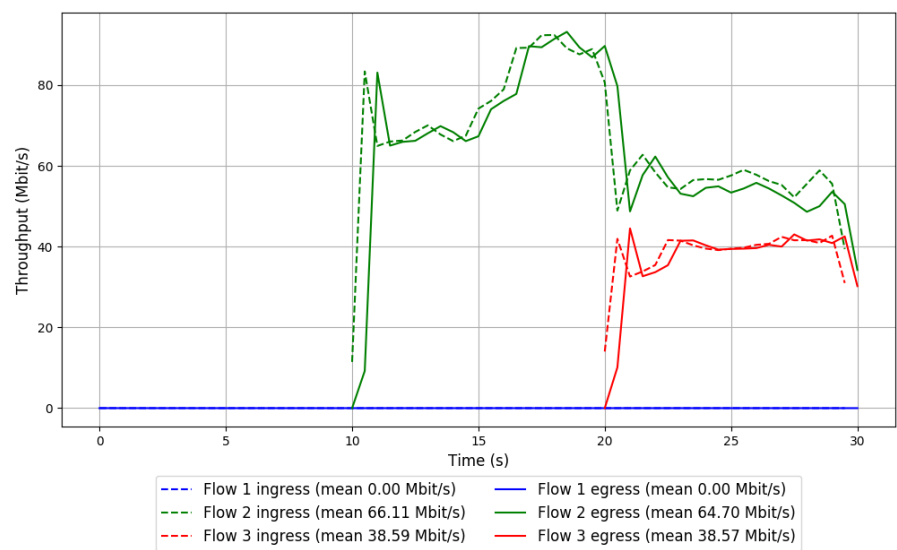


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-02 03:26:32
End at: 2018-08-02 03:27:02
Local clock offset: -0.656 ms
Remote clock offset: -7.292 ms

Below is generated by plot.py at 2018-08-02 03:53:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.70 Mbit/s
95th percentile per-packet one-way delay: 39.239 ms
Loss rate: 1.85%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 18.315 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.70 Mbit/s
95th percentile per-packet one-way delay: 39.769 ms
Loss rate: 2.29%
-- Flow 3:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 28.514 ms
Loss rate: 0.34%

Run 10: Report of PCC-Allegro — Data Link

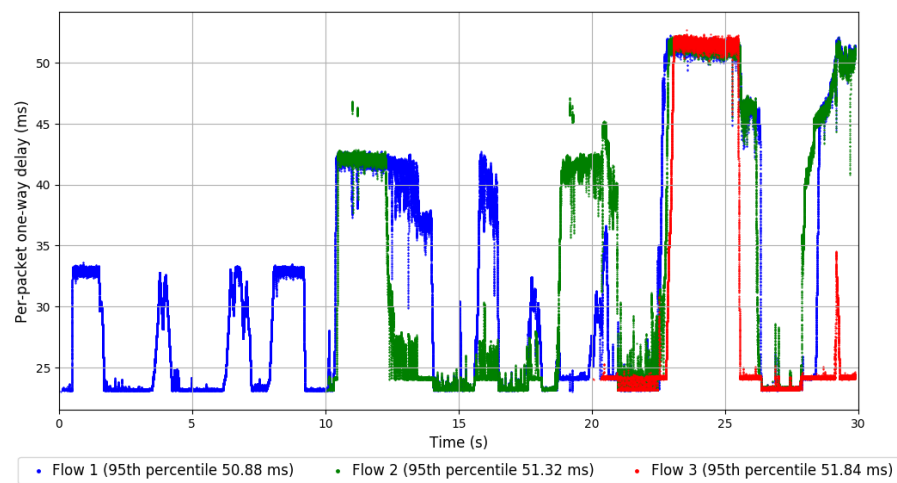
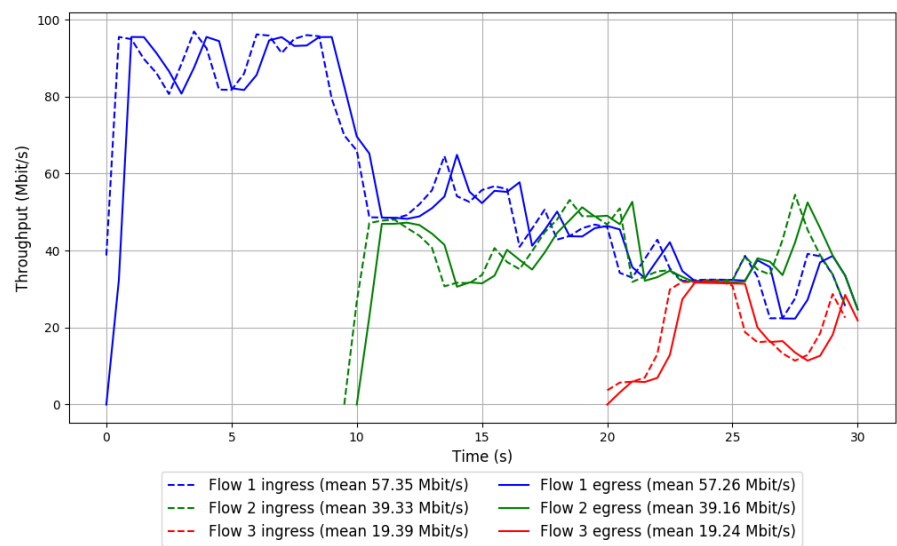


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-02 00:29:24
End at: 2018-08-02 00:29:54
Local clock offset: -0.56 ms
Remote clock offset: -5.995 ms

# Below is generated by plot.py at 2018-08-02 03:54:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.65 Mbit/s
95th percentile per-packet one-way delay: 51.354 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 57.26 Mbit/s
95th percentile per-packet one-way delay: 50.875 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 39.16 Mbit/s
95th percentile per-packet one-way delay: 51.321 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 19.24 Mbit/s
95th percentile per-packet one-way delay: 51.845 ms
Loss rate: 1.11%
```

Run 1: Report of PCC-Expr — Data Link

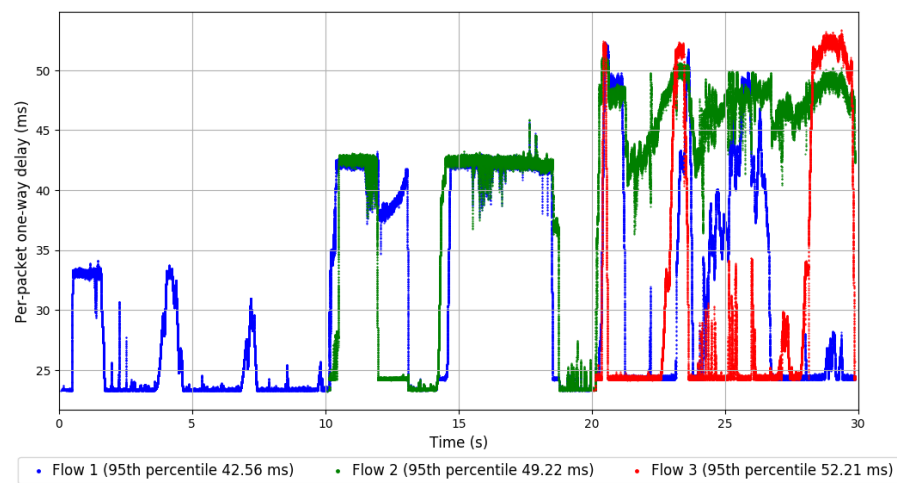
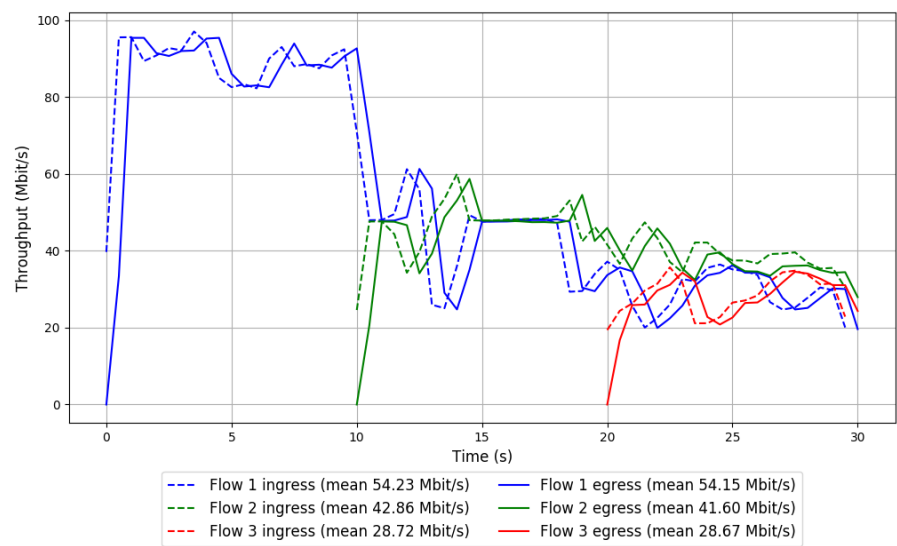


```
Run 2: Statistics of PCC-Expr

Start at: 2018-08-02 00:49:32
End at: 2018-08-02 00:50:02
Local clock offset: -0.694 ms
Remote clock offset: -5.459 ms

# Below is generated by plot.py at 2018-08-02 03:54:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.24 Mbit/s
95th percentile per-packet one-way delay: 48.890 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 54.15 Mbit/s
95th percentile per-packet one-way delay: 42.565 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 41.60 Mbit/s
95th percentile per-packet one-way delay: 49.222 ms
Loss rate: 3.11%
-- Flow 3:
Average throughput: 28.67 Mbit/s
95th percentile per-packet one-way delay: 52.210 ms
Loss rate: 0.50%
```

Run 2: Report of PCC-Expr — Data Link

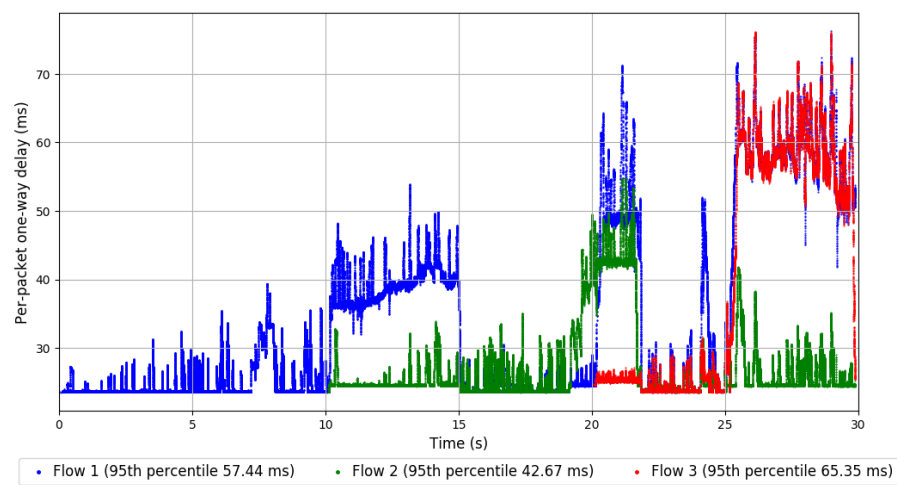
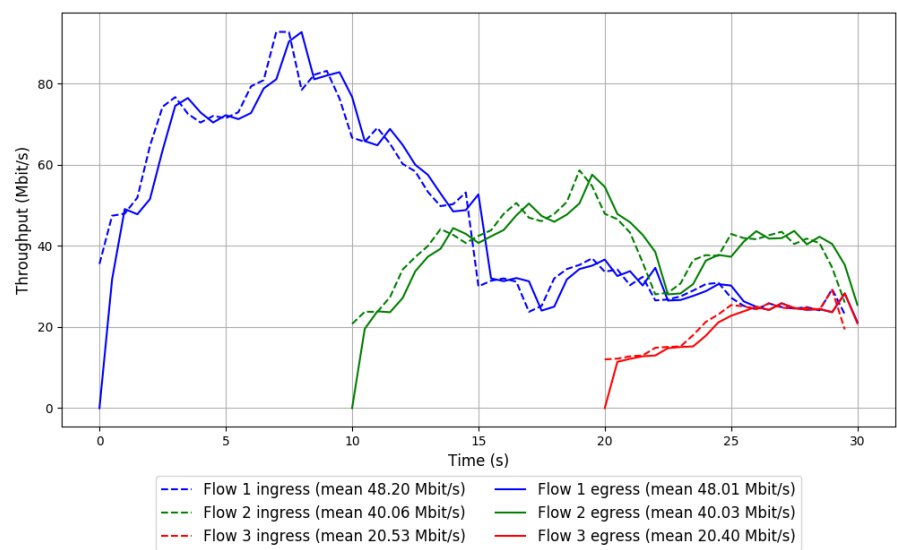


Run 3: Statistics of PCC-Expr

Start at: 2018-08-02 01:09:55
End at: 2018-08-02 01:10:25
Local clock offset: -1.687 ms
Remote clock offset: -13.484 ms

Below is generated by plot.py at 2018-08-02 03:54:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.34 Mbit/s
95th percentile per-packet one-way delay: 57.953 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 57.435 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 40.03 Mbit/s
95th percentile per-packet one-way delay: 42.666 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 65.346 ms
Loss rate: 0.96%

Run 3: Report of PCC-Expr — Data Link

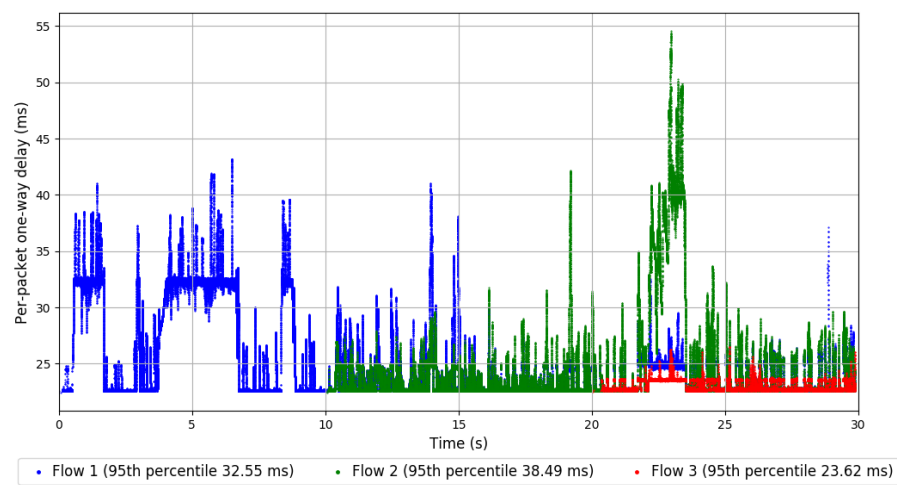
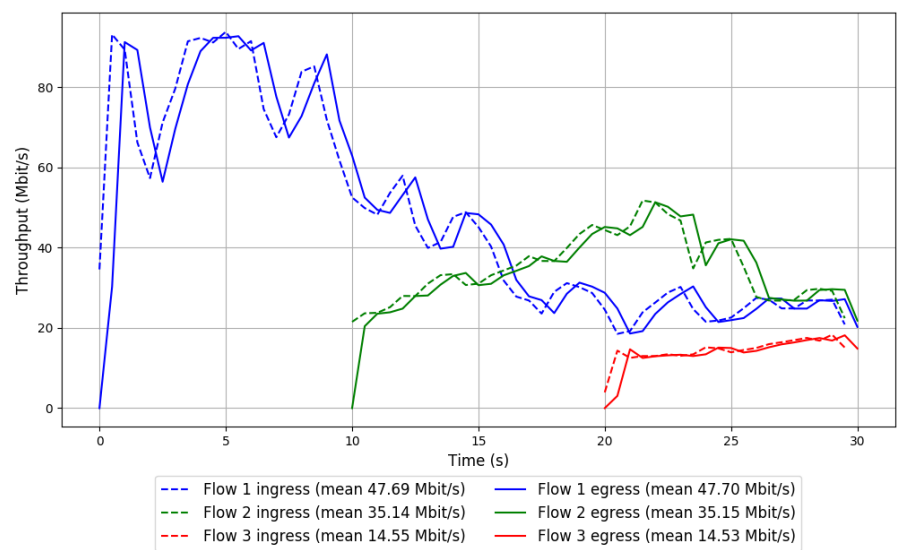


Run 4: Statistics of PCC-Expr

Start at: 2018-08-02 01:29:59
End at: 2018-08-02 01:30:29
Local clock offset: -2.043 ms
Remote clock offset: -14.201 ms

Below is generated by plot.py at 2018-08-02 03:54:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.85 Mbit/s
95th percentile per-packet one-way delay: 32.988 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 47.70 Mbit/s
95th percentile per-packet one-way delay: 32.555 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.15 Mbit/s
95th percentile per-packet one-way delay: 38.489 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 14.53 Mbit/s
95th percentile per-packet one-way delay: 23.621 ms
Loss rate: 0.41%

Run 4: Report of PCC-Expr — Data Link

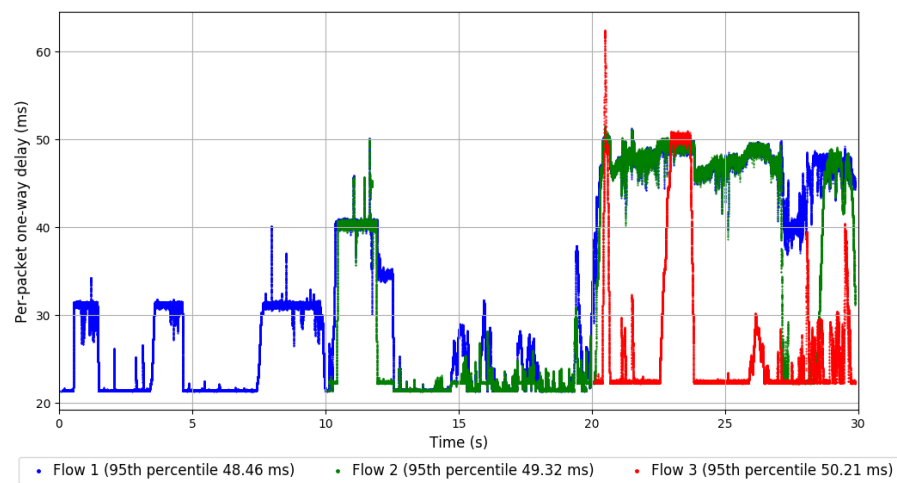
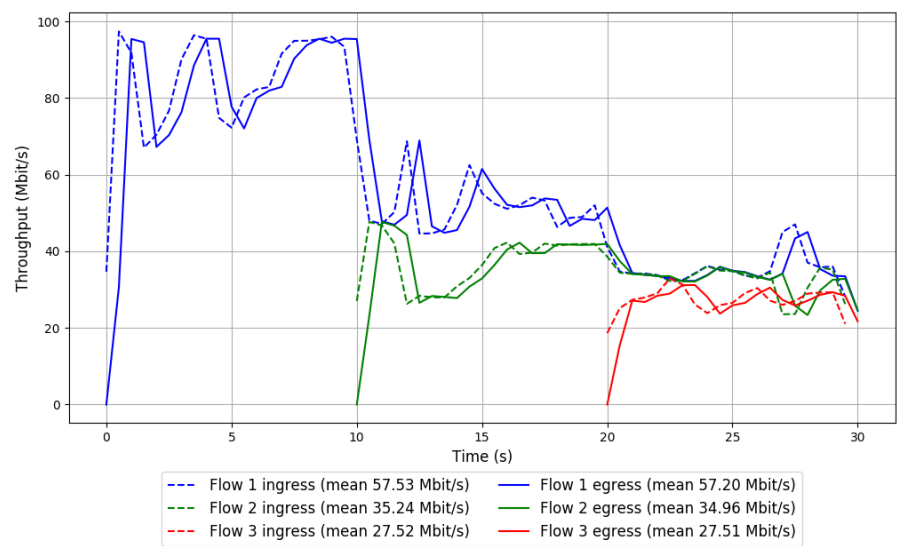


Run 5: Statistics of PCC-Expr

Start at: 2018-08-02 01:50:00
End at: 2018-08-02 01:50:30
Local clock offset: -1.123 ms
Remote clock offset: -12.45 ms

Below is generated by plot.py at 2018-08-02 03:54:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.49 Mbit/s
95th percentile per-packet one-way delay: 49.023 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 57.20 Mbit/s
95th percentile per-packet one-way delay: 48.458 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 34.96 Mbit/s
95th percentile per-packet one-way delay: 49.323 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 27.51 Mbit/s
95th percentile per-packet one-way delay: 50.208 ms
Loss rate: 0.40%

Run 5: Report of PCC-Expr — Data Link

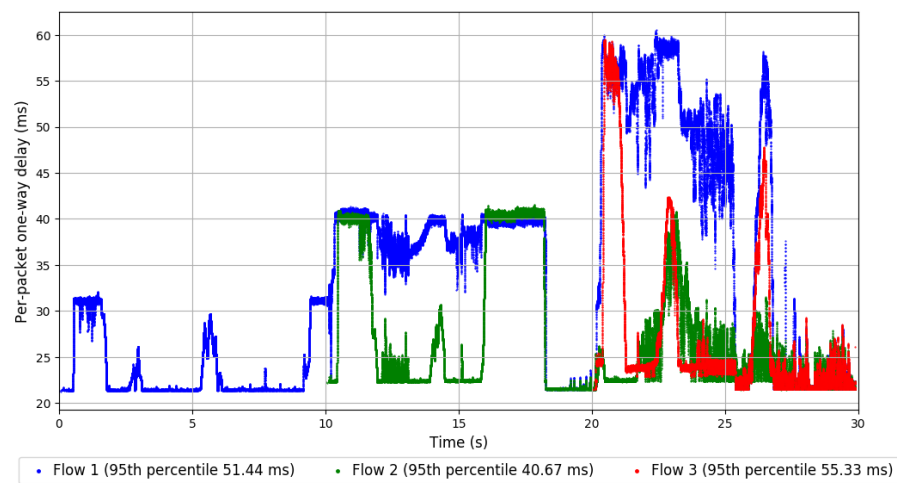
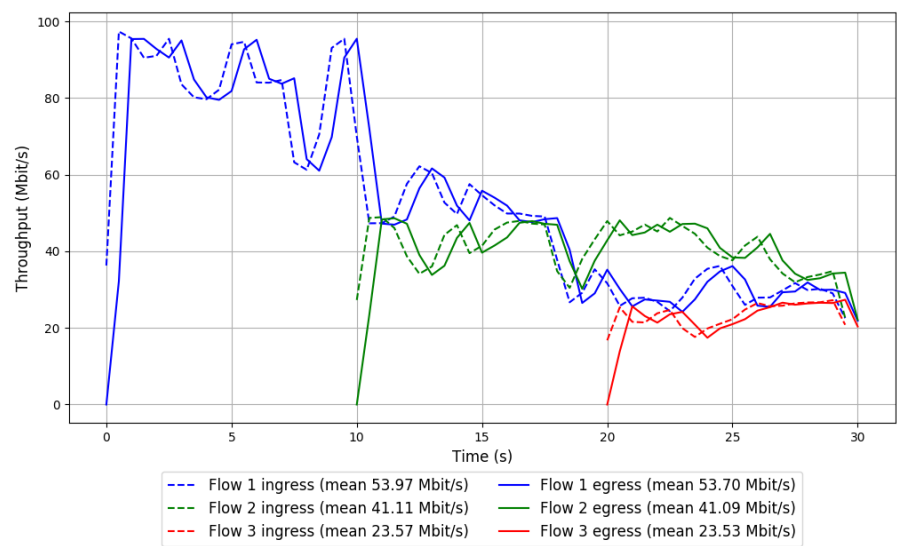


Run 6: Statistics of PCC-Expr

Start at: 2018-08-02 02:10:32
End at: 2018-08-02 02:11:02
Local clock offset: -1.776 ms
Remote clock offset: -6.861 ms

Below is generated by plot.py at 2018-08-02 03:54:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.76 Mbit/s
95th percentile per-packet one-way delay: 48.372 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: 51.439 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 41.09 Mbit/s
95th percentile per-packet one-way delay: 40.668 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 23.53 Mbit/s
95th percentile per-packet one-way delay: 55.334 ms
Loss rate: 0.44%

Run 6: Report of PCC-Expr — Data Link

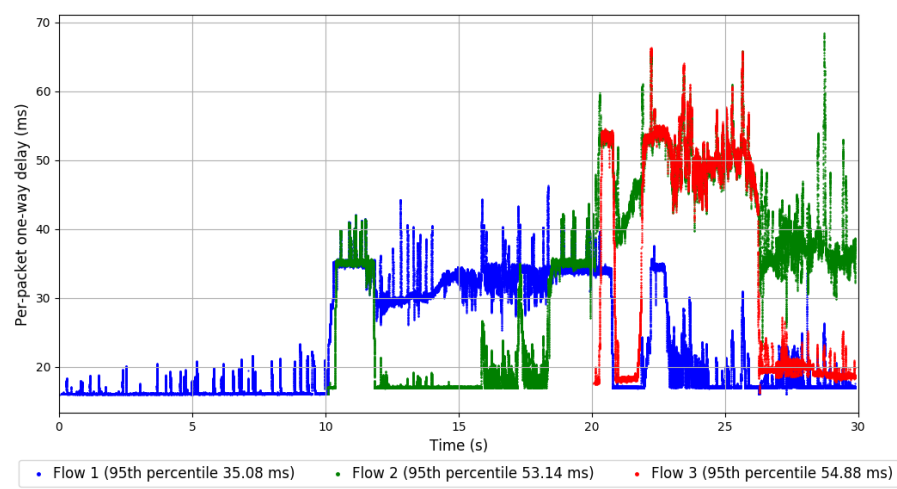
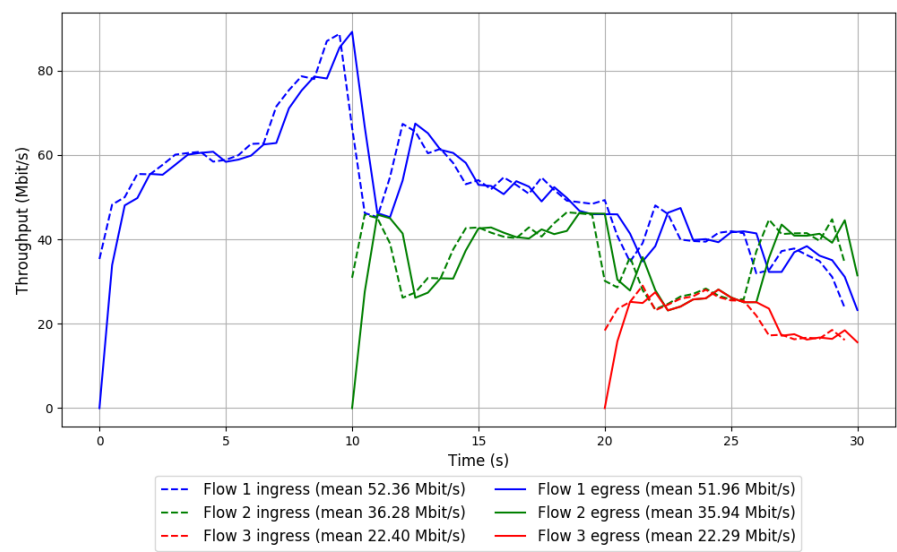


Run 7: Statistics of PCC-Expr

Start at: 2018-08-02 02:30:40
End at: 2018-08-02 02:31:10
Local clock offset: -2.026 ms
Remote clock offset: -4.714 ms

Below is generated by plot.py at 2018-08-02 03:54:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.21 Mbit/s
95th percentile per-packet one-way delay: 50.669 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 51.96 Mbit/s
95th percentile per-packet one-way delay: 35.081 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: 53.138 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 22.29 Mbit/s
95th percentile per-packet one-way delay: 54.881 ms
Loss rate: 0.83%

Run 7: Report of PCC-Expr — Data Link

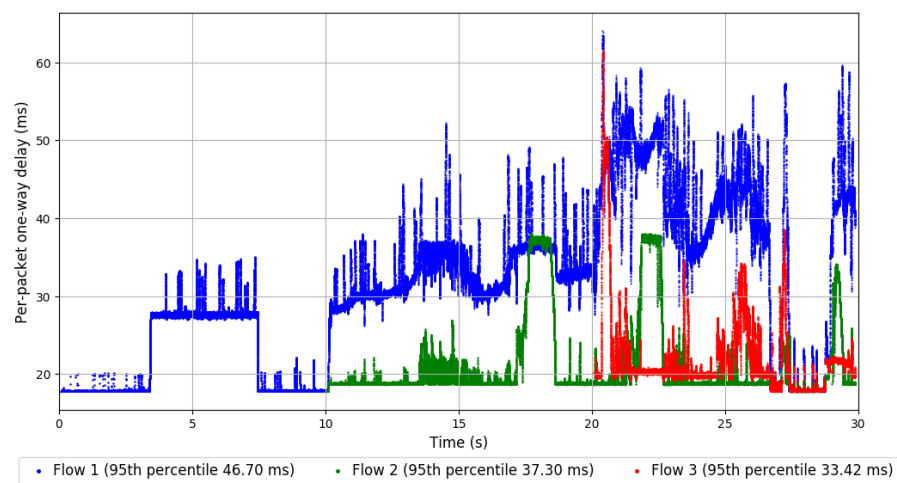
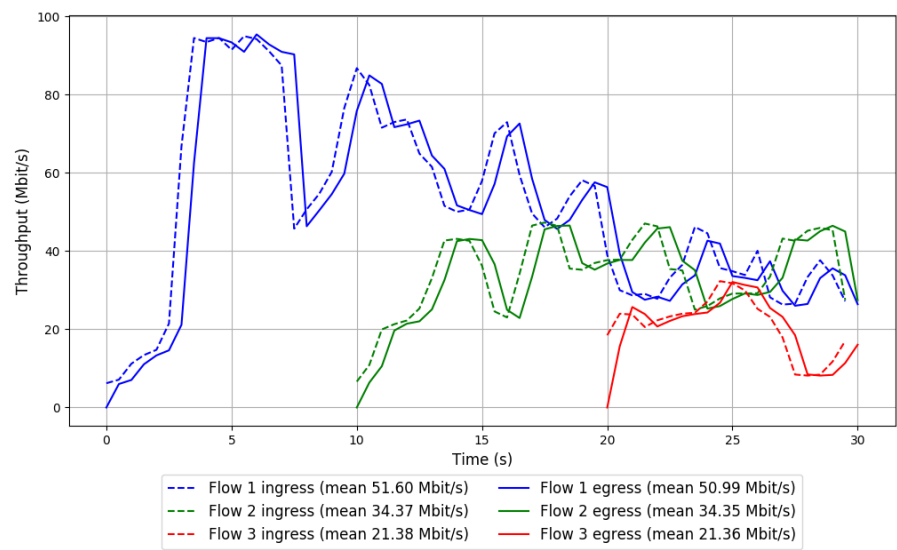


Run 8: Statistics of PCC-Expr

Start at: 2018-08-02 02:51:02
End at: 2018-08-02 02:51:32
Local clock offset: -1.054 ms
Remote clock offset: -8.451 ms

Below is generated by plot.py at 2018-08-02 03:55:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 43.505 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 50.99 Mbit/s
95th percentile per-packet one-way delay: 46.700 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 37.300 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 21.36 Mbit/s
95th percentile per-packet one-way delay: 33.419 ms
Loss rate: 0.40%

Run 8: Report of PCC-Expr — Data Link

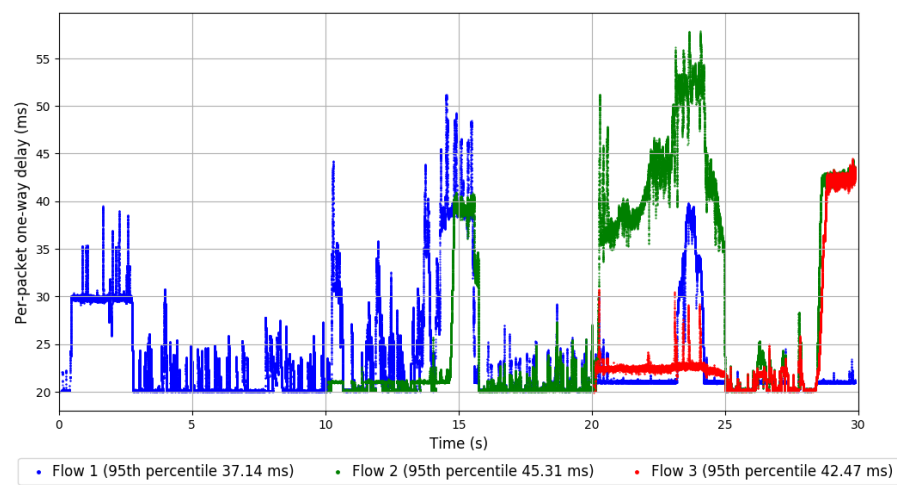
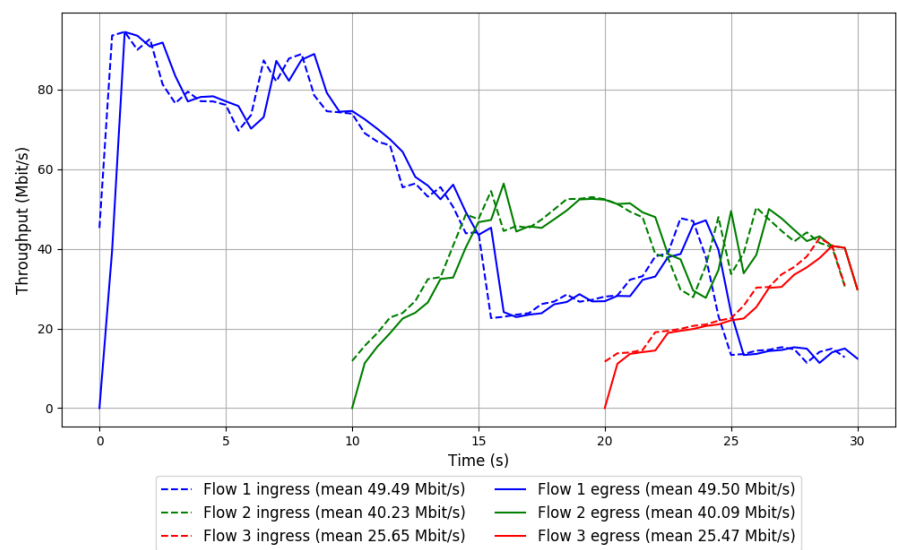


Run 9: Statistics of PCC-Expr

Start at: 2018-08-02 03:11:14
End at: 2018-08-02 03:11:44
Local clock offset: 0.214 ms
Remote clock offset: -8.883 ms

Below is generated by plot.py at 2018-08-02 03:55:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.56 Mbit/s
95th percentile per-packet one-way delay: 42.365 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 49.50 Mbit/s
95th percentile per-packet one-way delay: 37.143 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 45.315 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 25.47 Mbit/s
95th percentile per-packet one-way delay: 42.465 ms
Loss rate: 1.08%

Run 9: Report of PCC-Expr — Data Link

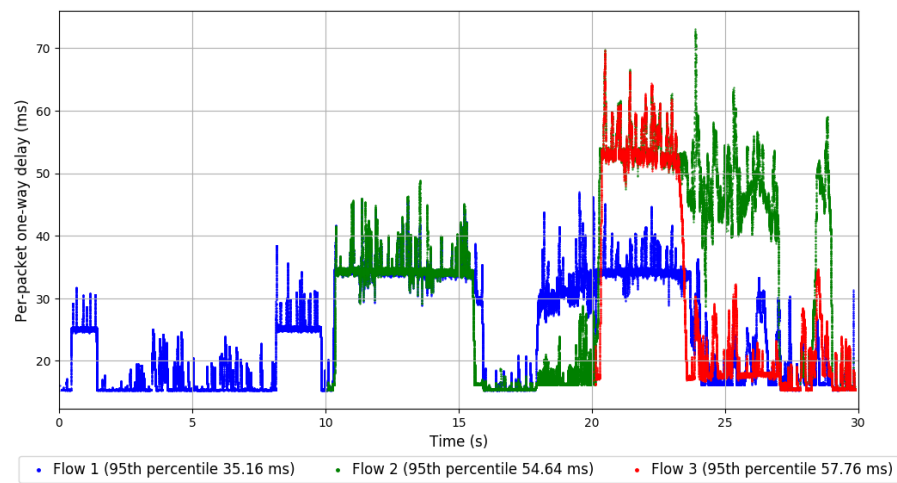
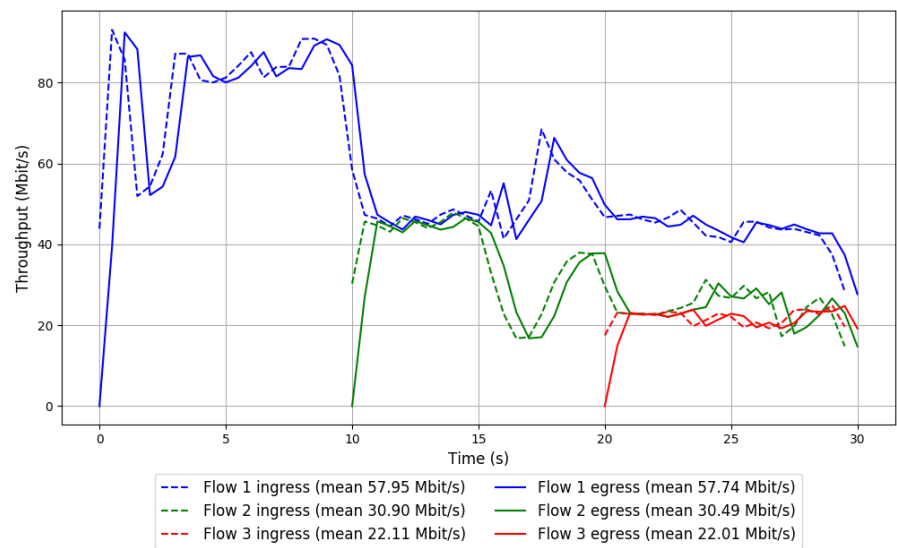


Run 10: Statistics of PCC-Expr

Start at: 2018-08-02 03:31:15
End at: 2018-08-02 03:31:45
Local clock offset: -2.851 ms
Remote clock offset: -7.724 ms

Below is generated by plot.py at 2018-08-02 03:55:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.27 Mbit/s
95th percentile per-packet one-way delay: 52.363 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 35.164 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 30.49 Mbit/s
95th percentile per-packet one-way delay: 54.637 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 57.760 ms
Loss rate: 0.78%

Run 10: Report of PCC-Expr — Data Link

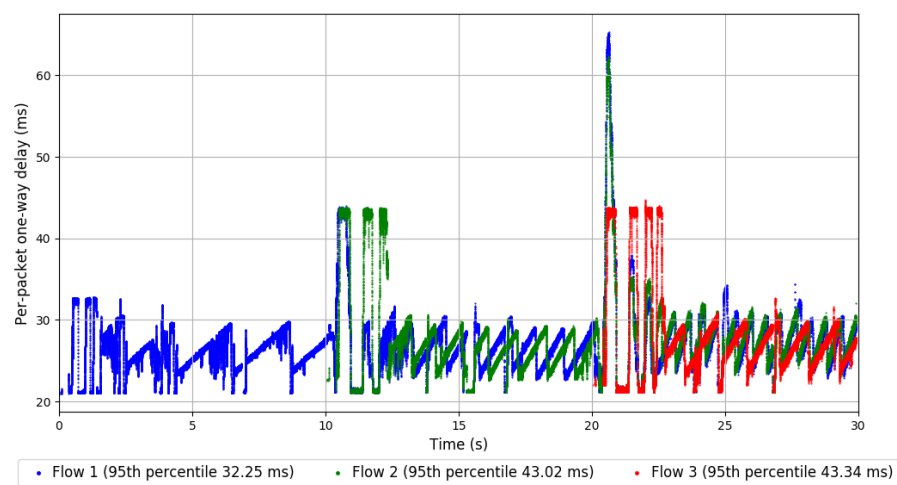
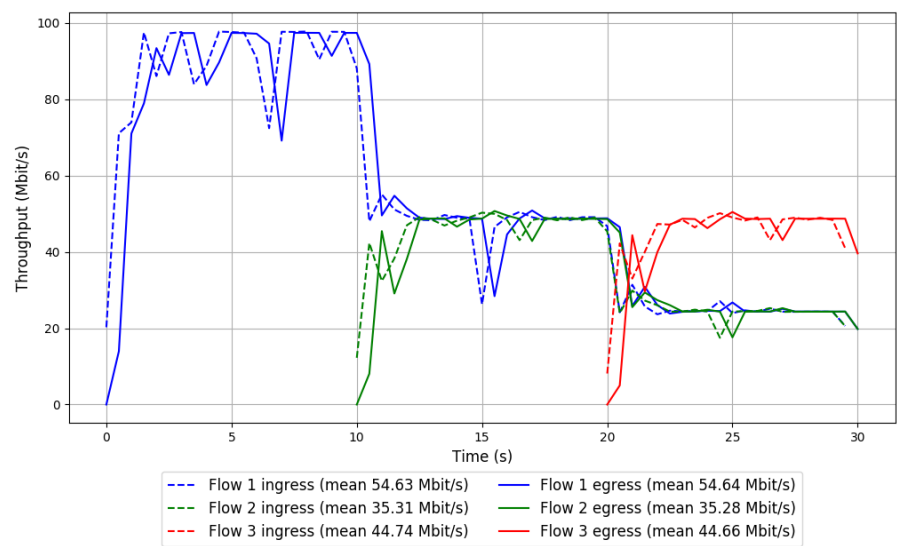


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-02 00:25:48
End at: 2018-08-02 00:26:18
Local clock offset: -1.79 ms
Remote clock offset: -5.405 ms

Below is generated by plot.py at 2018-08-02 03:55:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.83 Mbit/s
95th percentile per-packet one-way delay: 37.120 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 54.64 Mbit/s
95th percentile per-packet one-way delay: 32.247 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.28 Mbit/s
95th percentile per-packet one-way delay: 43.020 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 44.66 Mbit/s
95th percentile per-packet one-way delay: 43.344 ms
Loss rate: 0.51%

Run 1: Report of QUIC Cubic — Data Link

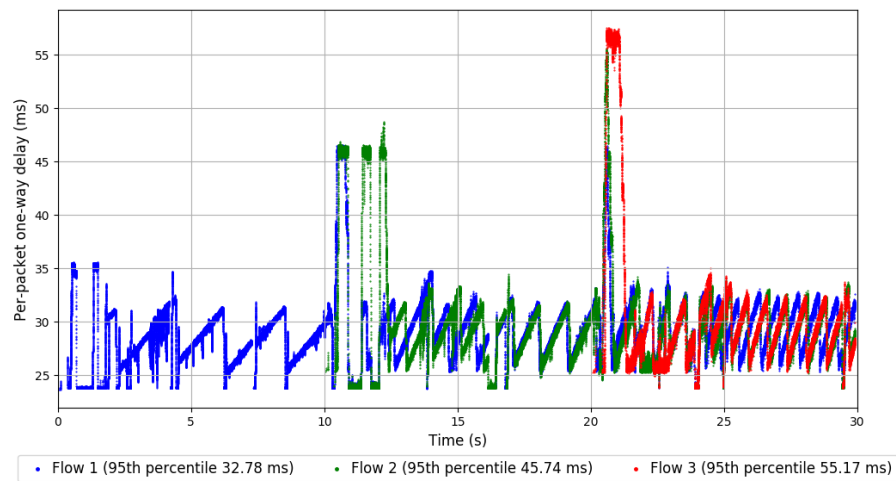
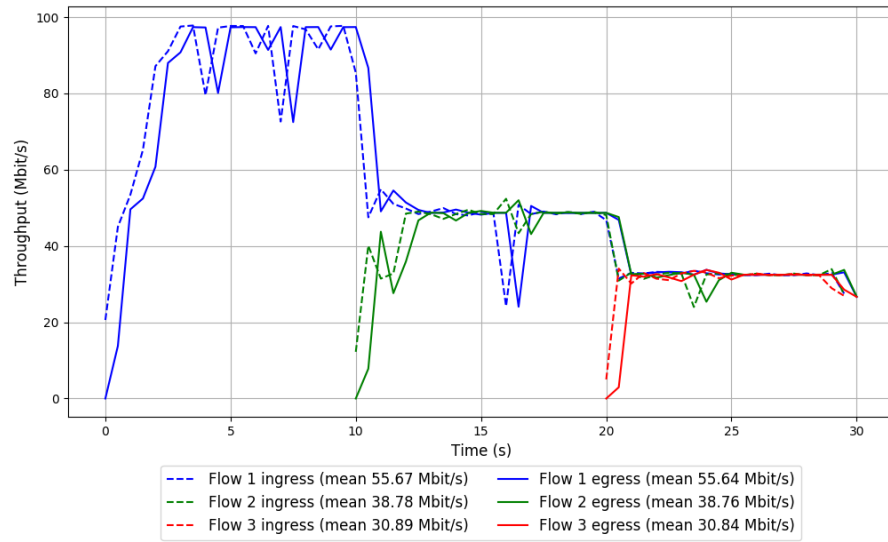


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-02 00:45:58
End at: 2018-08-02 00:46:28
Local clock offset: -0.326 ms
Remote clock offset: -5.669 ms

Below is generated by plot.py at 2018-08-02 03:55:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 35.022 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 55.64 Mbit/s
95th percentile per-packet one-way delay: 32.783 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 45.739 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 30.84 Mbit/s
95th percentile per-packet one-way delay: 55.166 ms
Loss rate: 0.51%

Run 2: Report of QUIC Cubic — Data Link

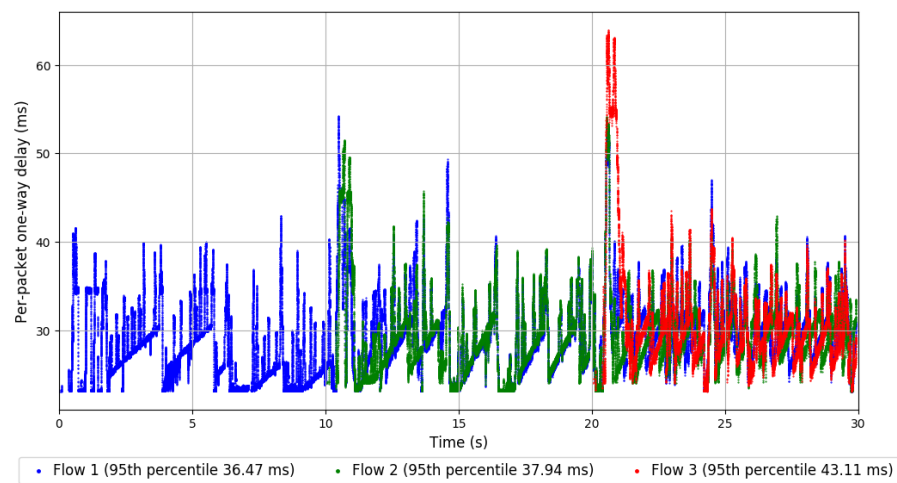
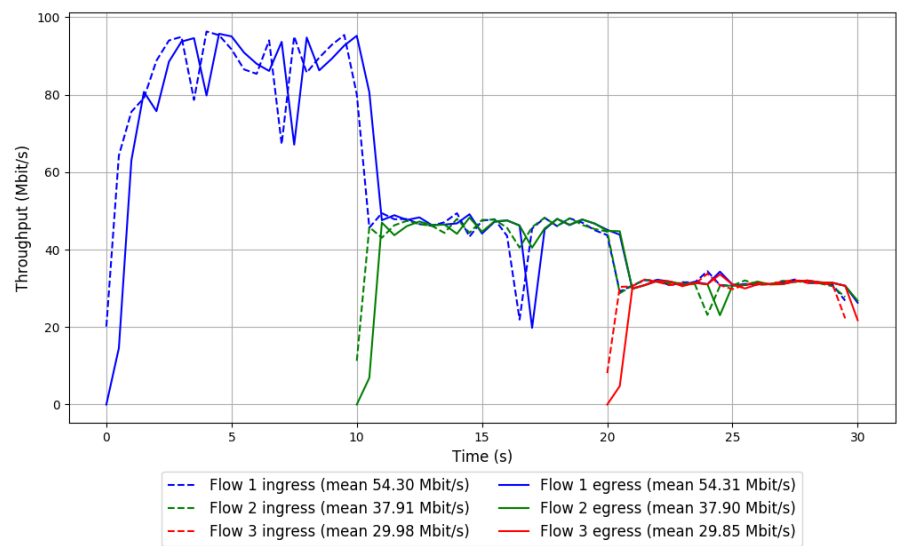


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-02 01:06:25
End at: 2018-08-02 01:06:55
Local clock offset: -1.839 ms
Remote clock offset: -12.588 ms

Below is generated by plot.py at 2018-08-02 03:55:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 37.248 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 54.31 Mbit/s
95th percentile per-packet one-way delay: 36.465 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 37.939 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 29.85 Mbit/s
95th percentile per-packet one-way delay: 43.107 ms
Loss rate: 0.76%

Run 3: Report of QUIC Cubic — Data Link

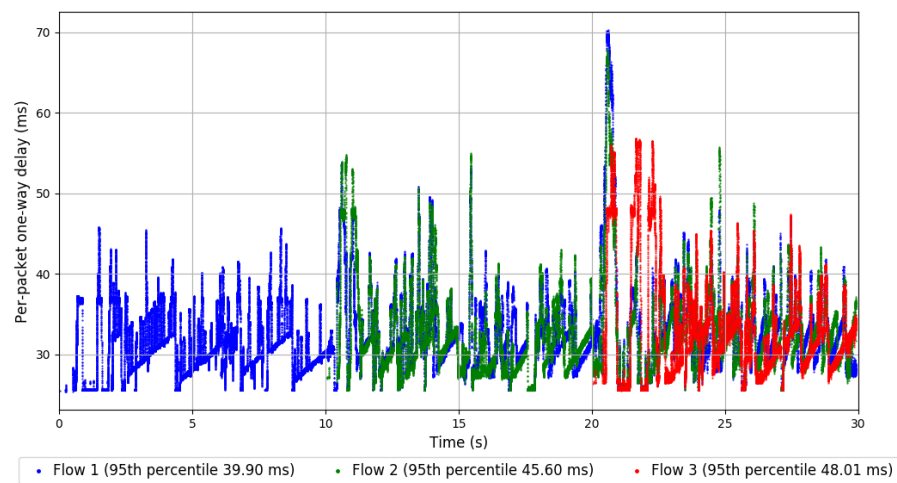
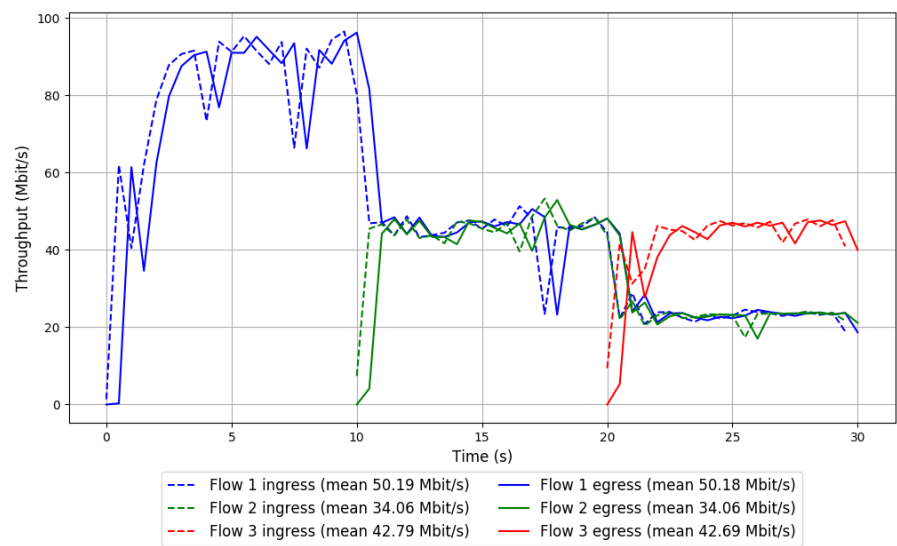


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-02 01:26:24
End at: 2018-08-02 01:26:54
Local clock offset: -0.315 ms
Remote clock offset: -15.541 ms

Below is generated by plot.py at 2018-08-02 03:55:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 43.329 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 39.897 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.06 Mbit/s
95th percentile per-packet one-way delay: 45.599 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 48.013 ms
Loss rate: 0.56%

Run 4: Report of QUIC Cubic — Data Link

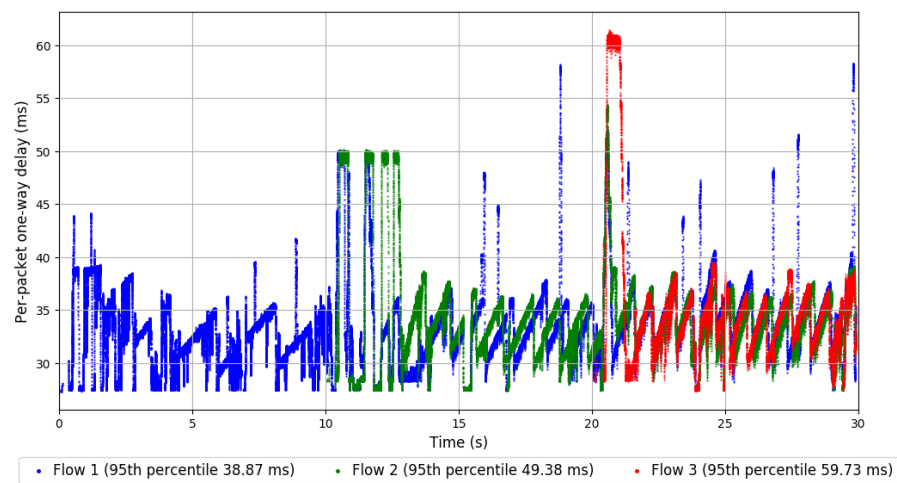
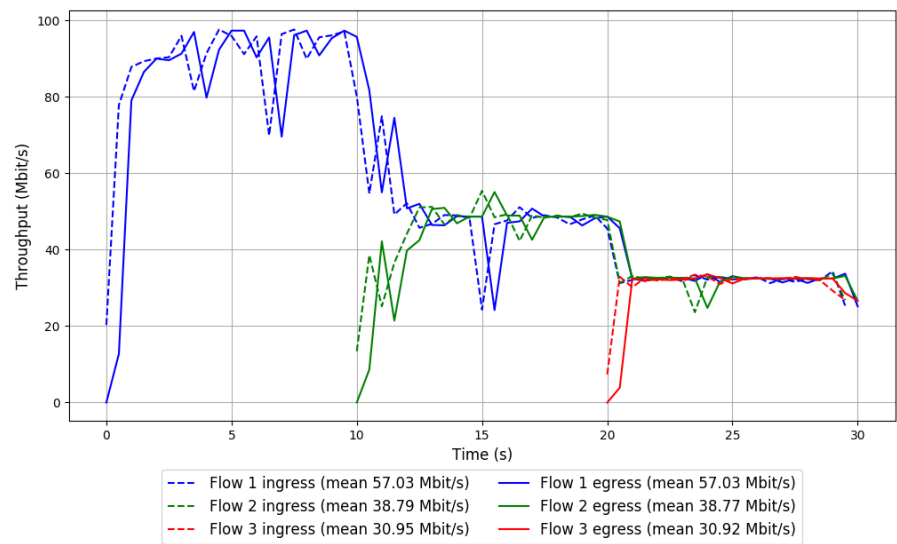


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-02 01:46:30
End at: 2018-08-02 01:47:00
Local clock offset: -2.309 ms
Remote clock offset: -19.525 ms

Below is generated by plot.py at 2018-08-02 03:56:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 40.758 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.03 Mbit/s
95th percentile per-packet one-way delay: 38.865 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 49.376 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 30.92 Mbit/s
95th percentile per-packet one-way delay: 59.729 ms
Loss rate: 0.51%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-08-02 02:06:51

End at: 2018-08-02 02:07:21

Local clock offset: -1.636 ms

Remote clock offset: -8.37 ms

Below is generated by plot.py at 2018-08-02 03:56:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 32.915 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 54.27 Mbit/s

95th percentile per-packet one-way delay: 32.789 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 46.32 Mbit/s

95th percentile per-packet one-way delay: 37.675 ms

Loss rate: 0.26%

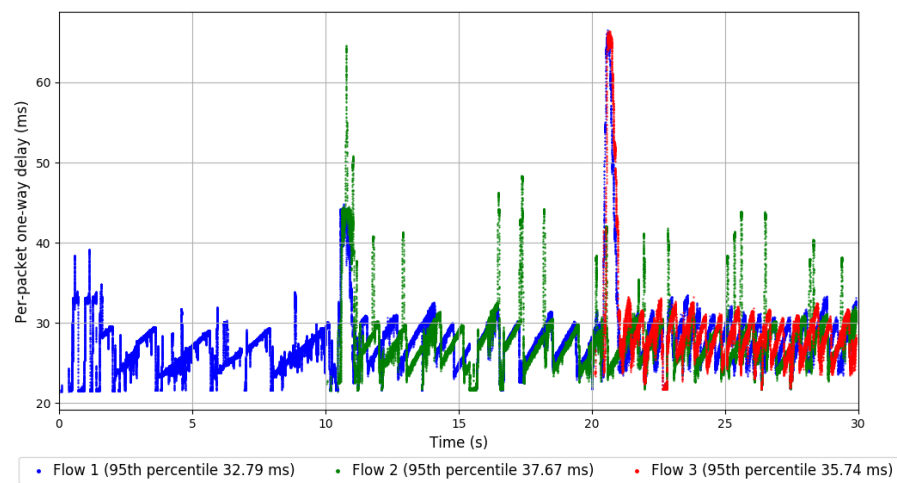
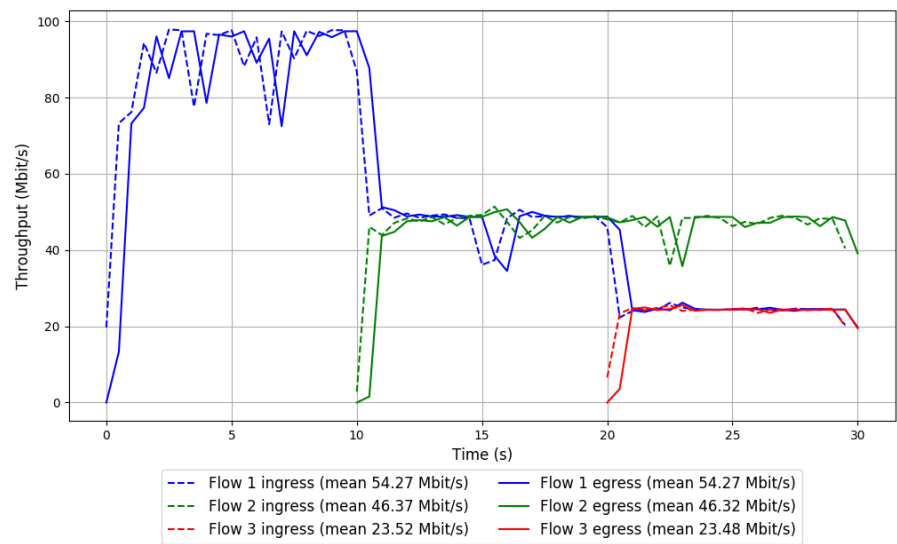
-- Flow 3:

Average throughput: 23.48 Mbit/s

95th percentile per-packet one-way delay: 35.741 ms

Loss rate: 0.53%

Run 6: Report of QUIC Cubic — Data Link

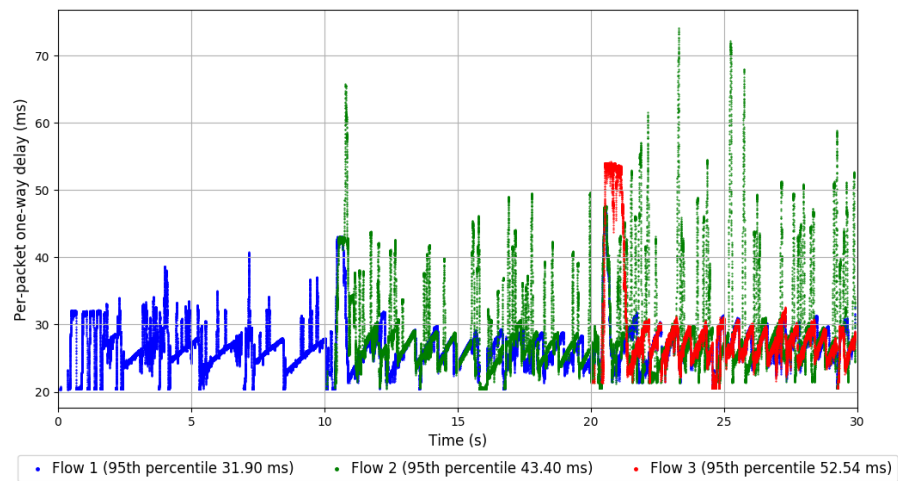
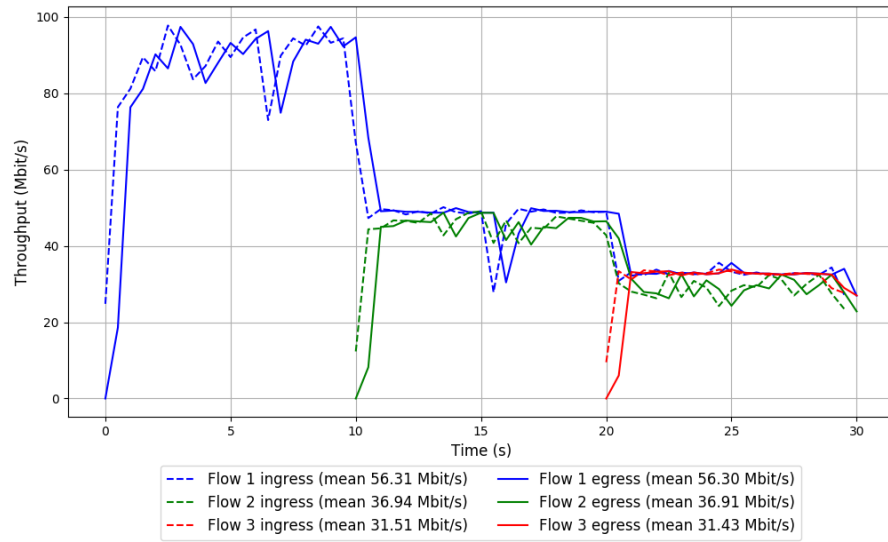


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-02 02:27:08
End at: 2018-08-02 02:27:38
Local clock offset: 1.668 ms
Remote clock offset: -5.805 ms

Below is generated by plot.py at 2018-08-02 03:56:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 37.863 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.30 Mbit/s
95th percentile per-packet one-way delay: 31.896 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.91 Mbit/s
95th percentile per-packet one-way delay: 43.400 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 52.539 ms
Loss rate: 0.50%

Run 7: Report of QUIC Cubic — Data Link

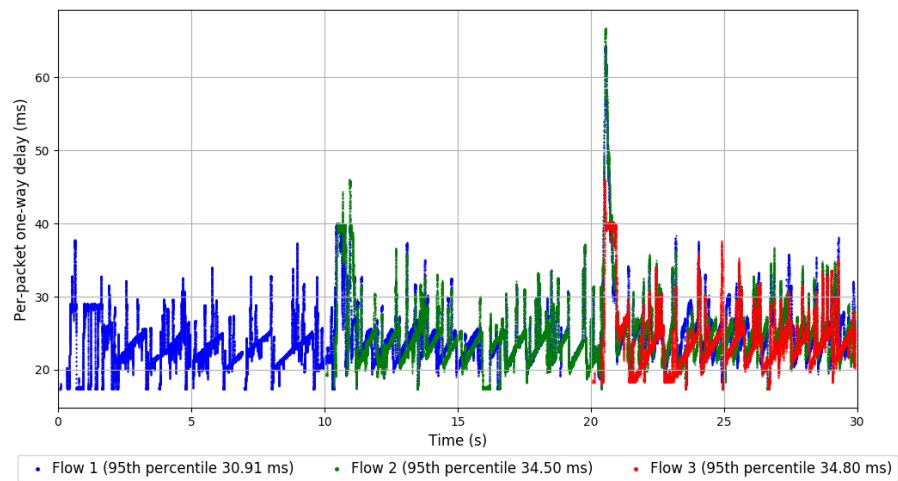
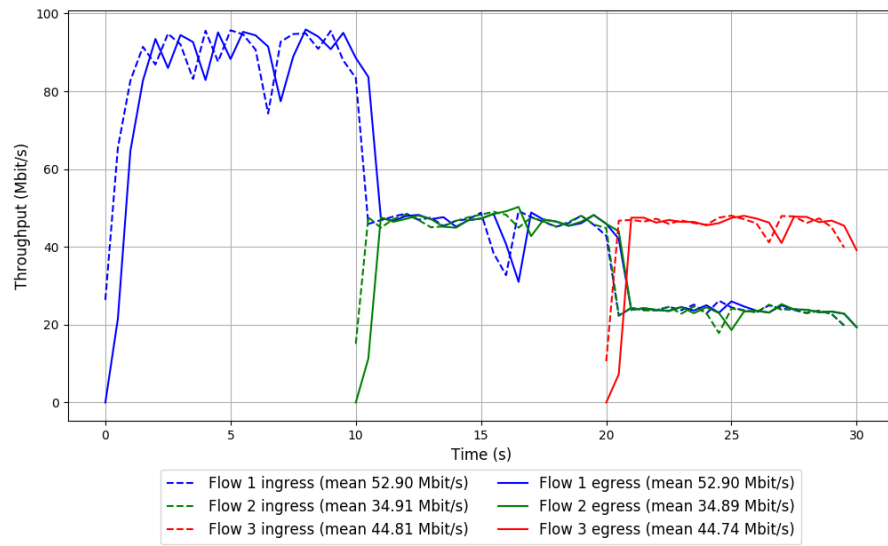


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-02 02:47:35
End at: 2018-08-02 02:48:05
Local clock offset: 1.977 ms
Remote clock offset: -4.721 ms

Below is generated by plot.py at 2018-08-02 03:56:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.87 Mbit/s
95th percentile per-packet one-way delay: 32.096 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 52.90 Mbit/s
95th percentile per-packet one-way delay: 30.909 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 34.89 Mbit/s
95th percentile per-packet one-way delay: 34.499 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 44.74 Mbit/s
95th percentile per-packet one-way delay: 34.803 ms
Loss rate: 0.39%

Run 8: Report of QUIC Cubic — Data Link

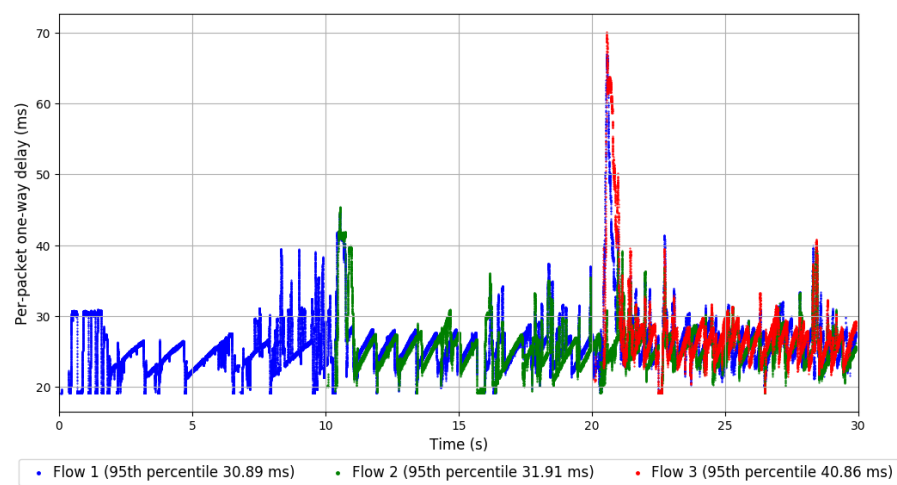
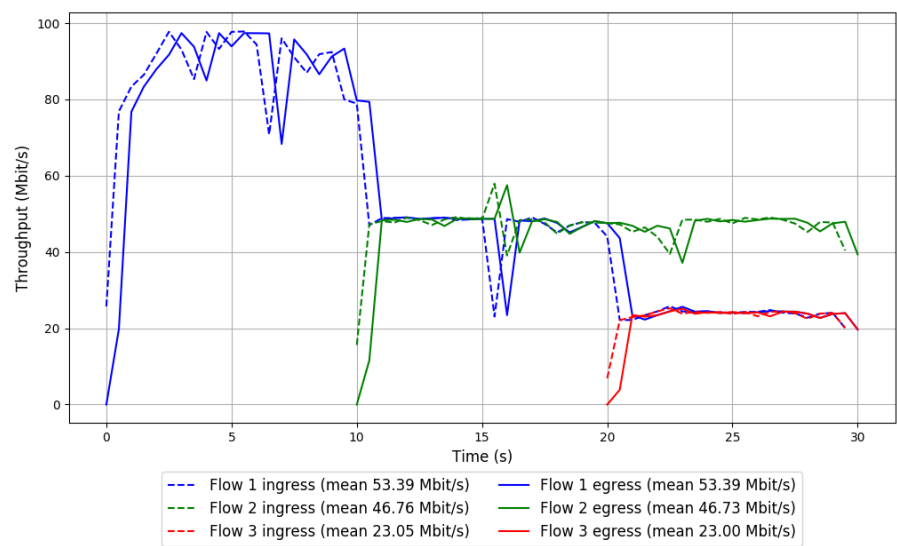


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-02 03:07:40
End at: 2018-08-02 03:08:10
Local clock offset: -0.718 ms
Remote clock offset: -8.709 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.05 Mbit/s
95th percentile per-packet one-way delay: 31.493 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 53.39 Mbit/s
95th percentile per-packet one-way delay: 30.885 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 31.905 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.00 Mbit/s
95th percentile per-packet one-way delay: 40.861 ms
Loss rate: 0.50%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-02 03:27:40

End at: 2018-08-02 03:28:10

Local clock offset: -1.586 ms

Remote clock offset: -10.282 ms

Below is generated by plot.py at 2018-08-02 03:56:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.29 Mbit/s

95th percentile per-packet one-way delay: 33.651 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 52.54 Mbit/s

95th percentile per-packet one-way delay: 32.197 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 34.67 Mbit/s

95th percentile per-packet one-way delay: 35.462 ms

Loss rate: 0.20%

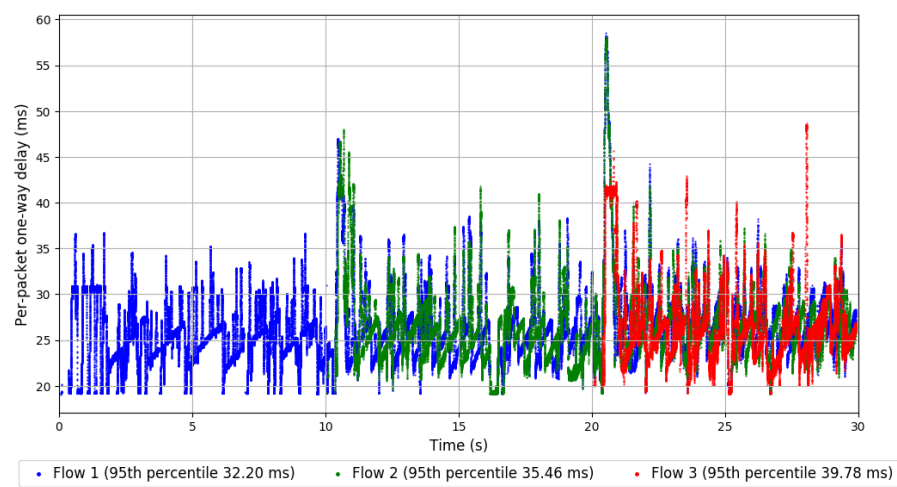
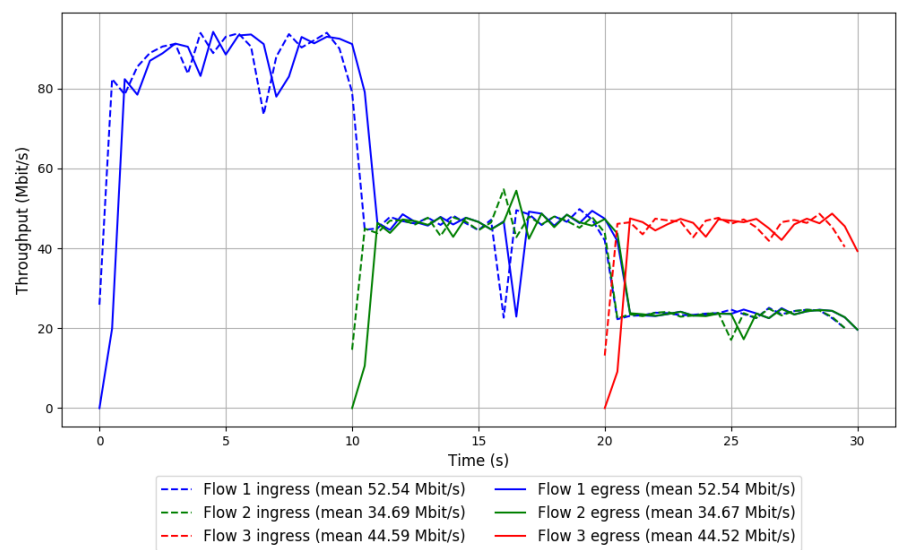
-- Flow 3:

Average throughput: 44.52 Mbit/s

95th percentile per-packet one-way delay: 39.779 ms

Loss rate: 0.43%

Run 10: Report of QUIC Cubic — Data Link

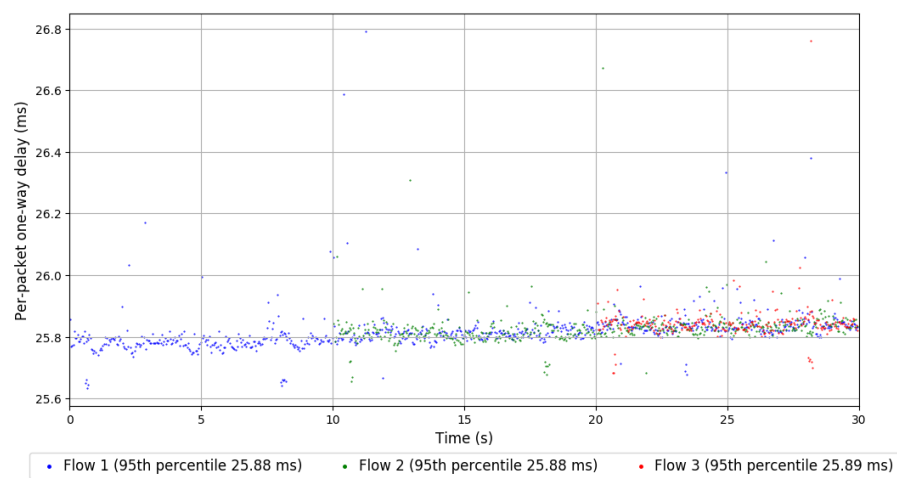
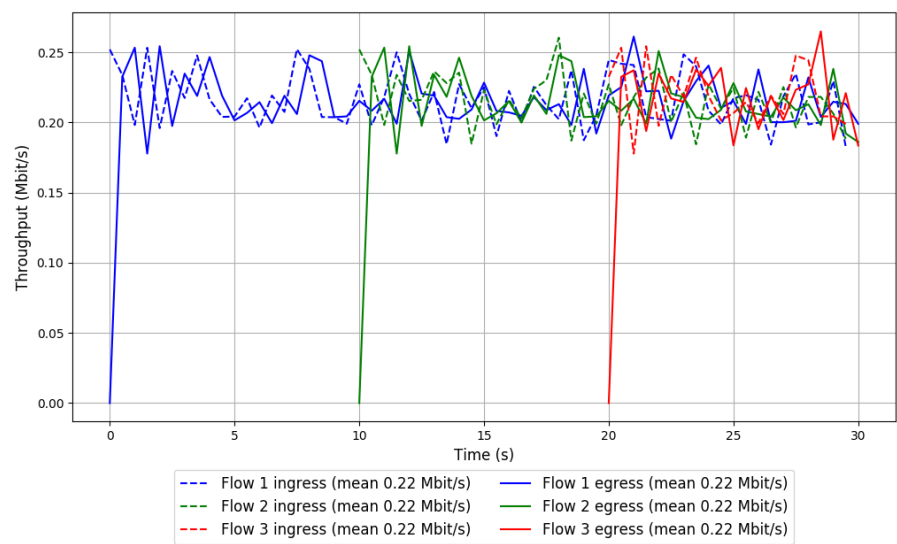


```
Run 1: Statistics of SCReAM

Start at: 2018-08-02 00:17:42
End at: 2018-08-02 00:18:12
Local clock offset: 1.512 ms
Remote clock offset: -7.554 ms

# Below is generated by plot.py at 2018-08-02 03:56:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 25.884 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.883 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.878 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.890 ms
Loss rate: 0.35%
```

Run 1: Report of SReAM — Data Link

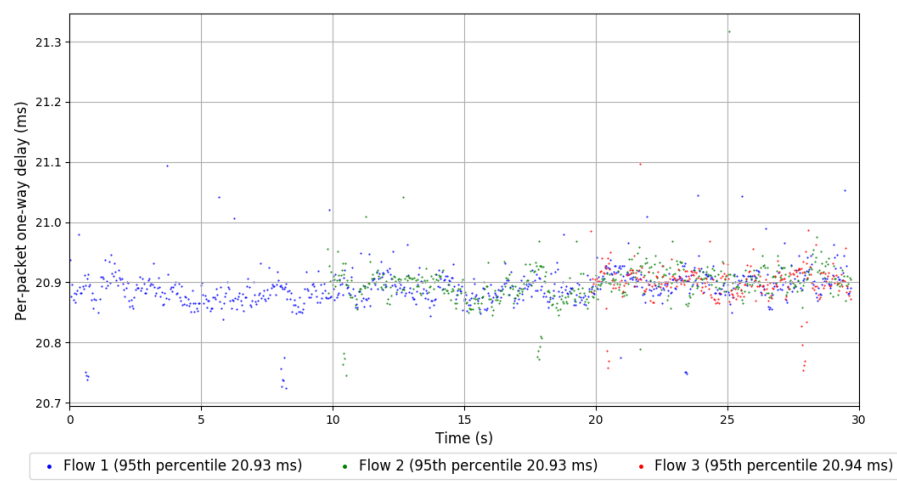
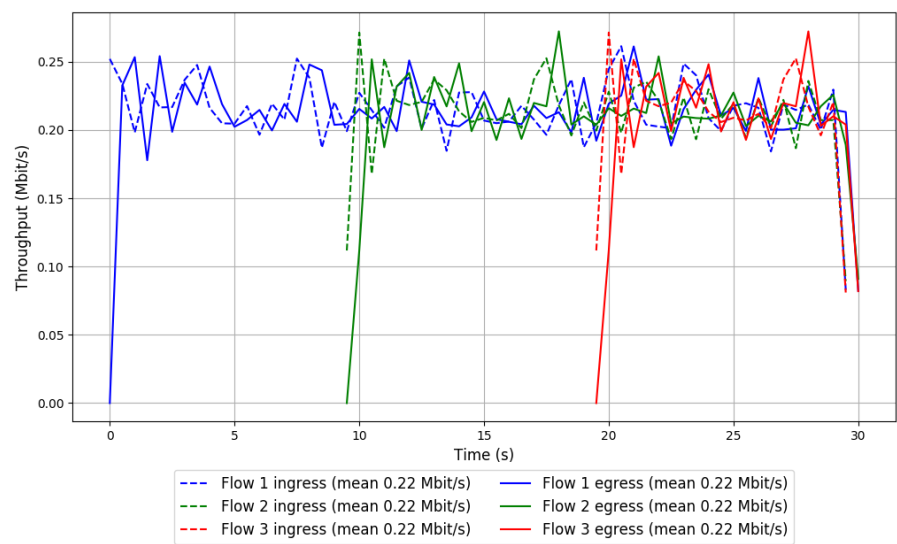


Run 2: Statistics of SReAM

Start at: 2018-08-02 00:37:49
End at: 2018-08-02 00:38:19
Local clock offset: -1.897 ms
Remote clock offset: -4.692 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 20.933 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.930 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.935 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.936 ms
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link

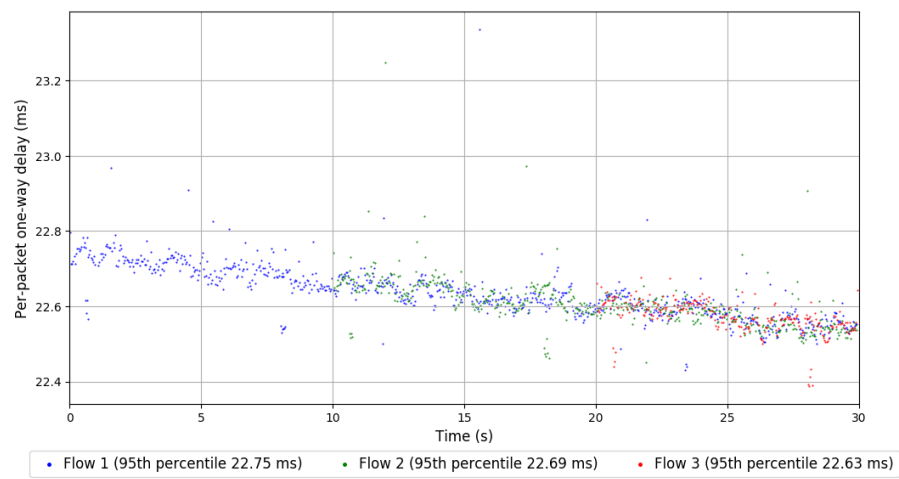
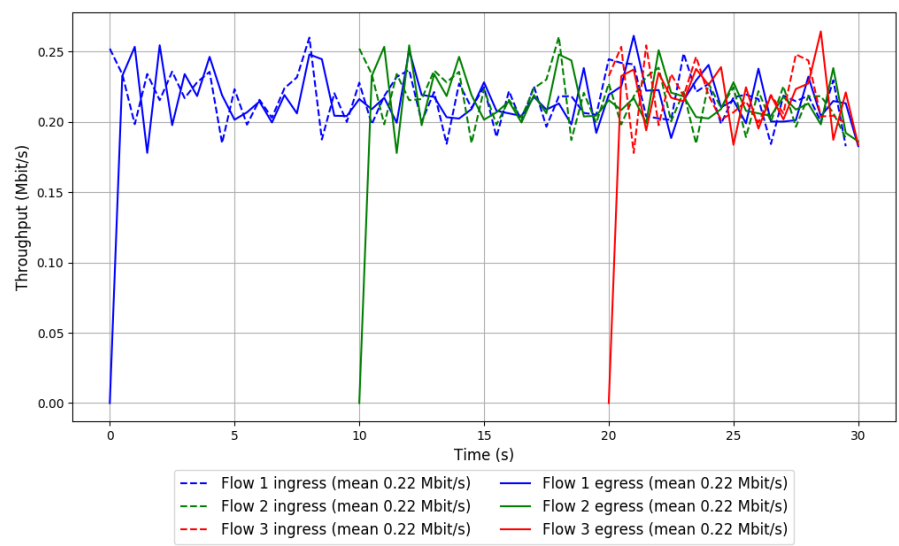


Run 3: Statistics of SReAM

Start at: 2018-08-02 00:58:16
End at: 2018-08-02 00:58:46
Local clock offset: -0.322 ms
Remote clock offset: -8.43 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 22.729 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.745 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.686 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.628 ms
Loss rate: 0.35%

Run 3: Report of SReAM — Data Link

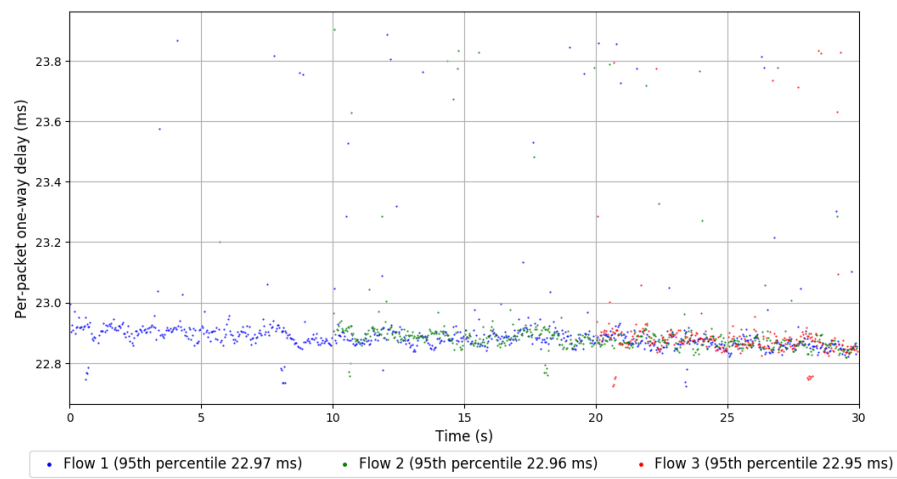
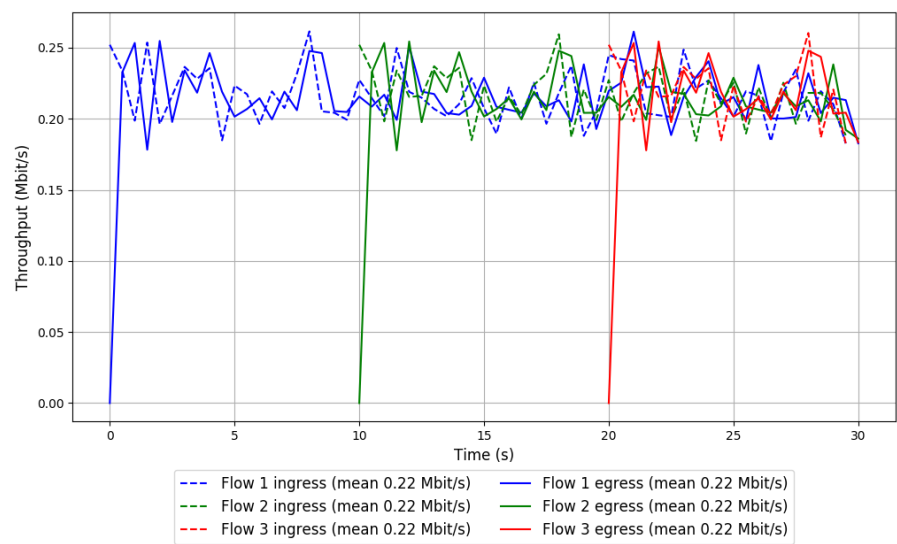


Run 4: Statistics of SReAM

Start at: 2018-08-02 01:18:22
End at: 2018-08-02 01:18:52
Local clock offset: -0.838 ms
Remote clock offset: -12.831 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 22.966 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.970 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.961 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.953 ms
Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

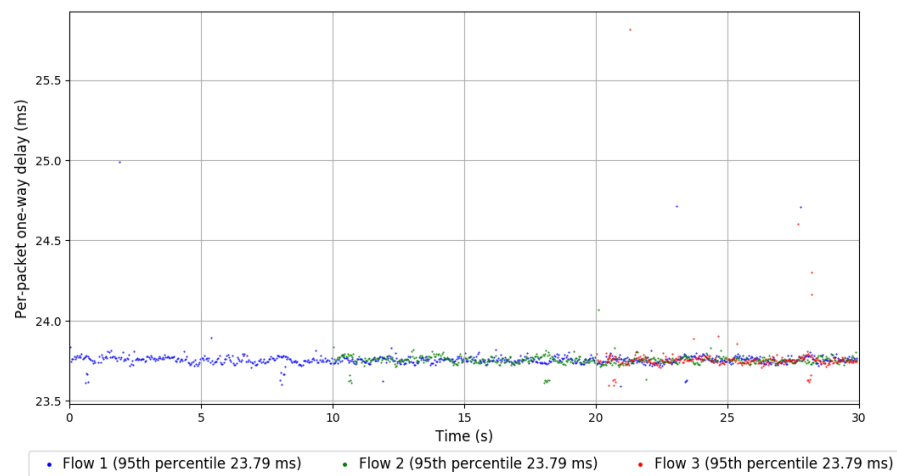
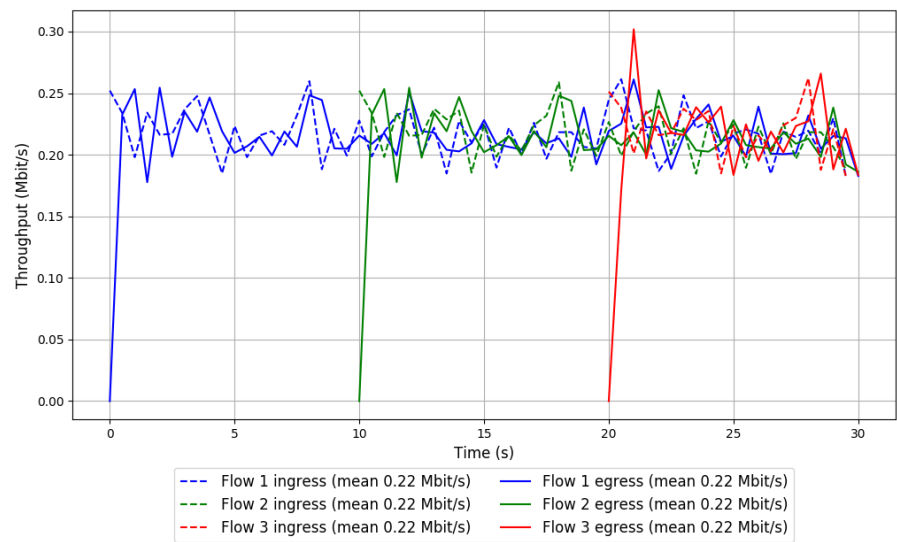


Run 5: Statistics of SReAM

Start at: 2018-08-02 01:38:23
End at: 2018-08-02 01:38:53
Local clock offset: 0.581 ms
Remote clock offset: -12.81 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 23.787 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.785 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.789 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.791 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

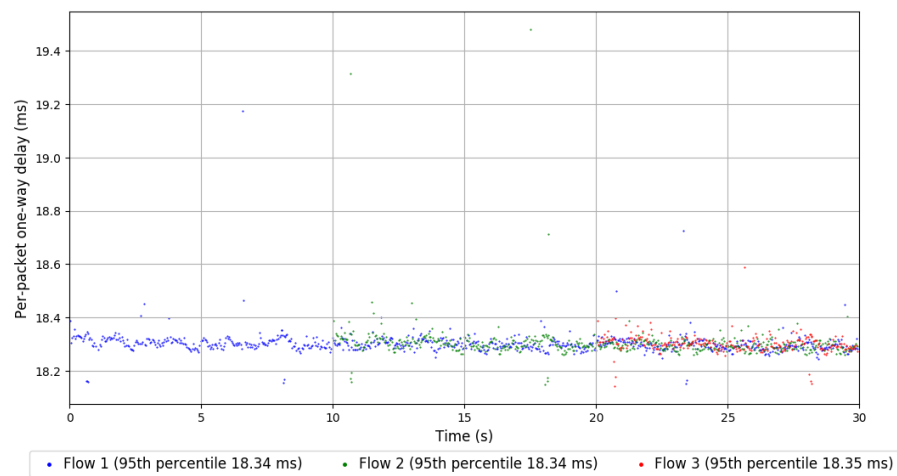
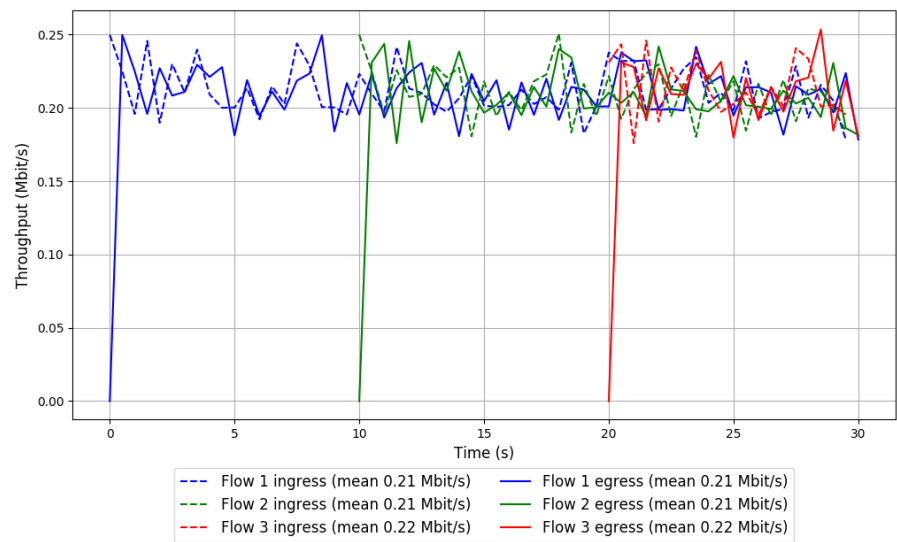


Run 6: Statistics of SReAM

Start at: 2018-08-02 01:58:30
End at: 2018-08-02 01:59:00
Local clock offset: 2.444 ms
Remote clock offset: -12.505 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 18.340 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.335 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.341 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.348 ms
Loss rate: 0.36%

Run 6: Report of SReAM — Data Link

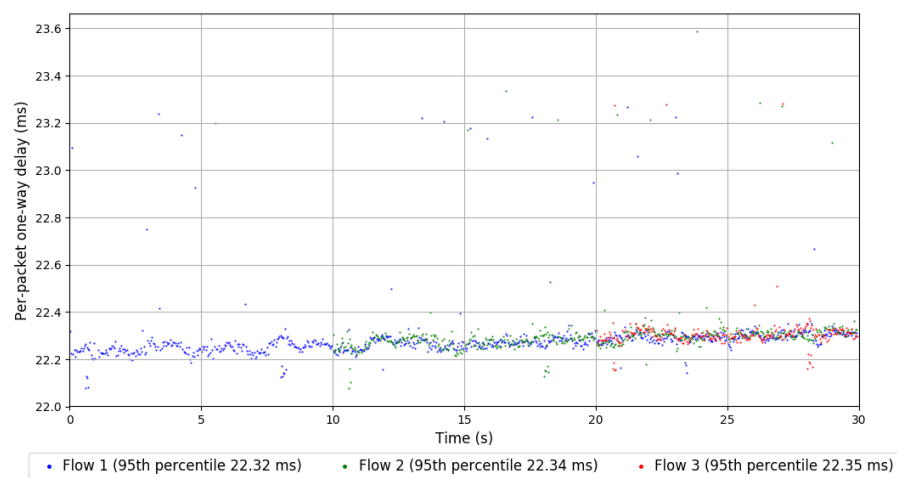
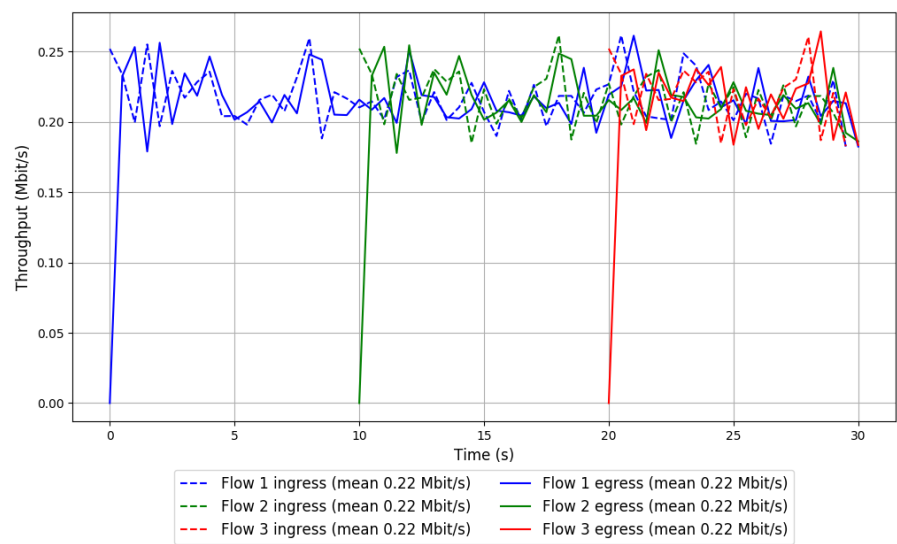


Run 7: Statistics of SReAM

Start at: 2018-08-02 02:19:00
End at: 2018-08-02 02:19:30
Local clock offset: -0.717 ms
Remote clock offset: -4.596 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 22.338 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.324 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.341 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.346 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

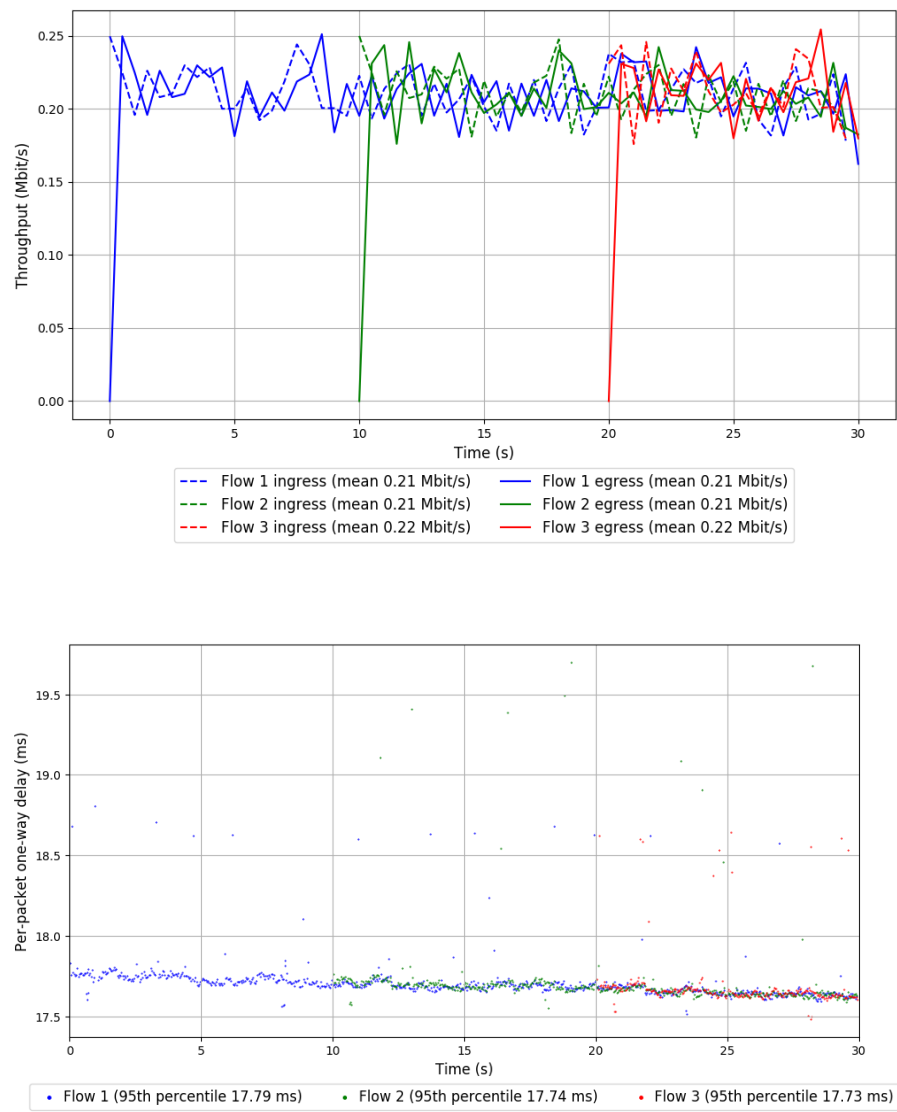


Run 8: Statistics of SCReAM

Start at: 2018-08-02 02:39:18
End at: 2018-08-02 02:39:48
Local clock offset: 0.429 ms
Remote clock offset: -5.467 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 17.773 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.786 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.740 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.732 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

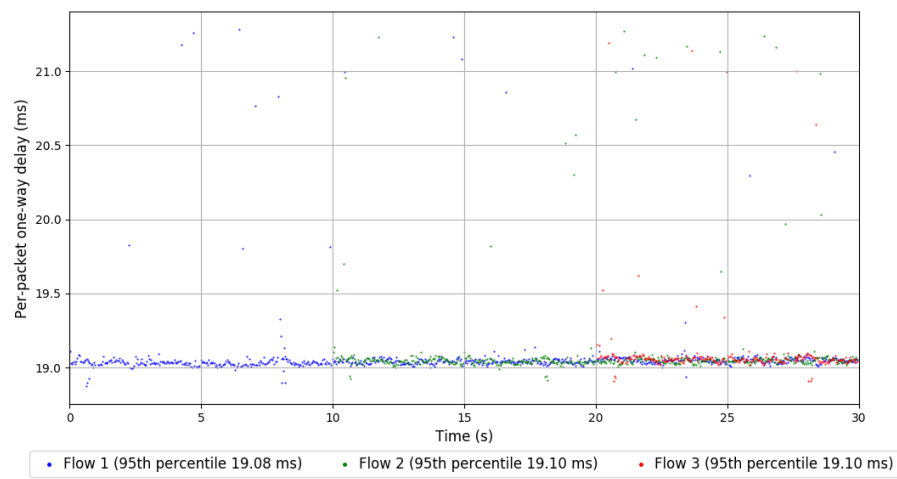
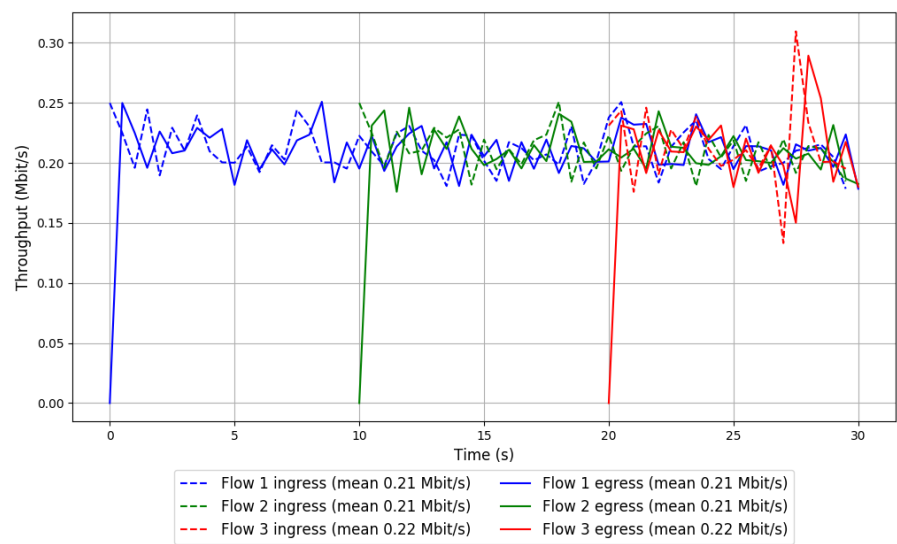


Run 9: Statistics of SReAM

Start at: 2018-08-02 02:59:31
End at: 2018-08-02 03:00:02
Local clock offset: 0.6 ms
Remote clock offset: -7.728 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 19.090 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.077 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.104 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.097 ms
Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

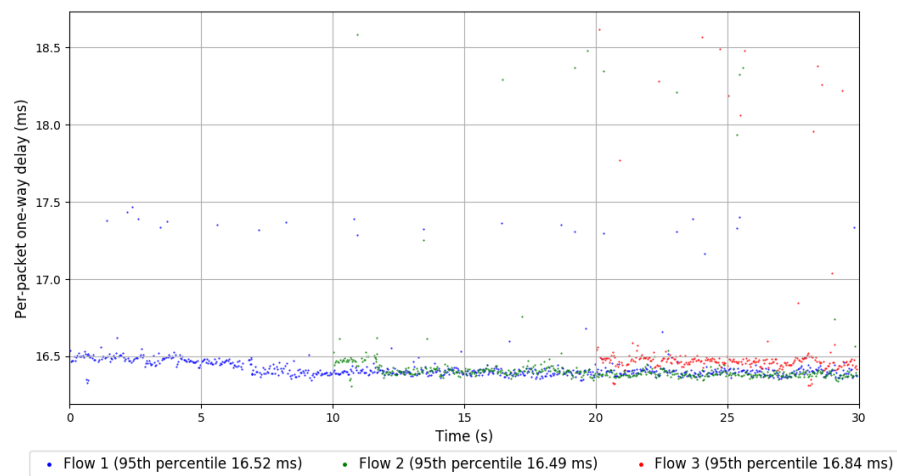
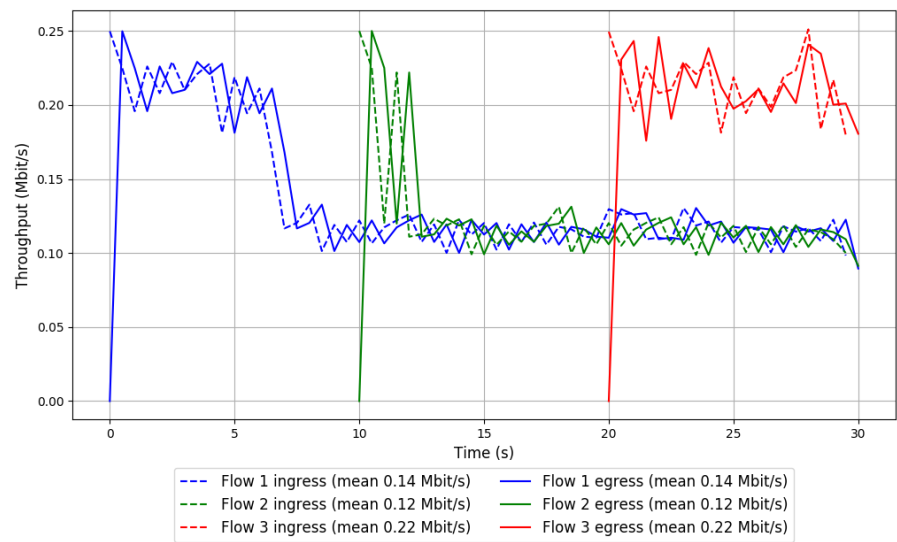


Run 10: Statistics of SReAM

Start at: 2018-08-02 03:19:38
End at: 2018-08-02 03:20:08
Local clock offset: -1.352 ms
Remote clock offset: -7.206 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 16.523 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 16.515 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 16.492 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 16.842 ms
Loss rate: 0.36%

Run 10: Report of SReAM — Data Link

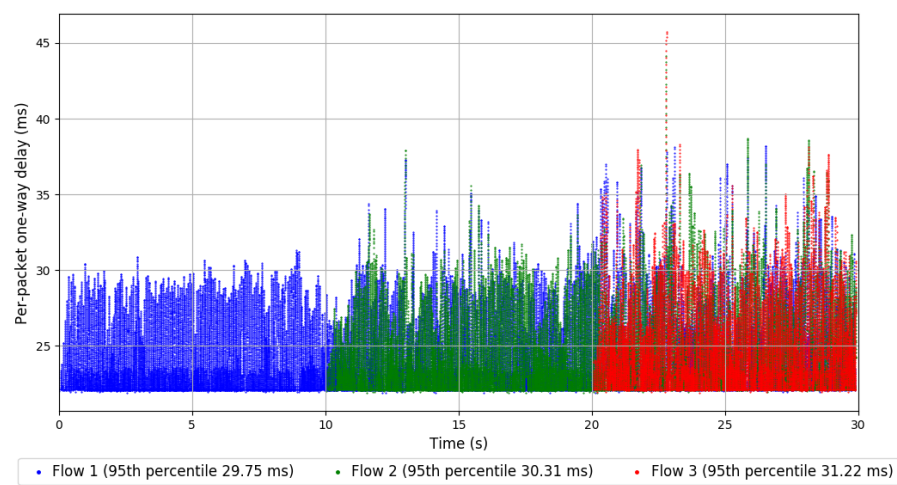
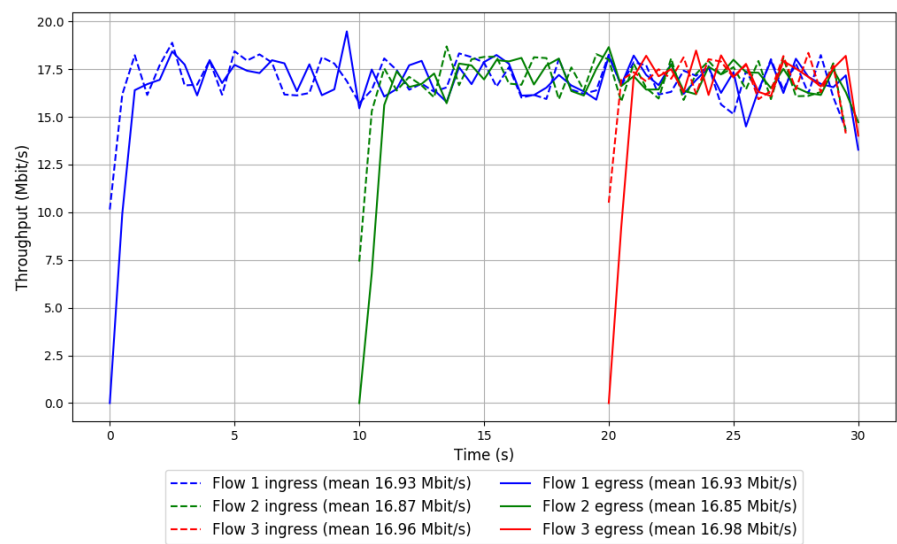


Run 1: Statistics of Sprout

Start at: 2018-08-02 00:22:19
End at: 2018-08-02 00:22:49
Local clock offset: -0.471 ms
Remote clock offset: -5.289 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.71 Mbit/s
95th percentile per-packet one-way delay: 30.212 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 16.93 Mbit/s
95th percentile per-packet one-way delay: 29.752 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 16.85 Mbit/s
95th percentile per-packet one-way delay: 30.310 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 16.98 Mbit/s
95th percentile per-packet one-way delay: 31.222 ms
Loss rate: 0.04%

Run 1: Report of Sprout — Data Link

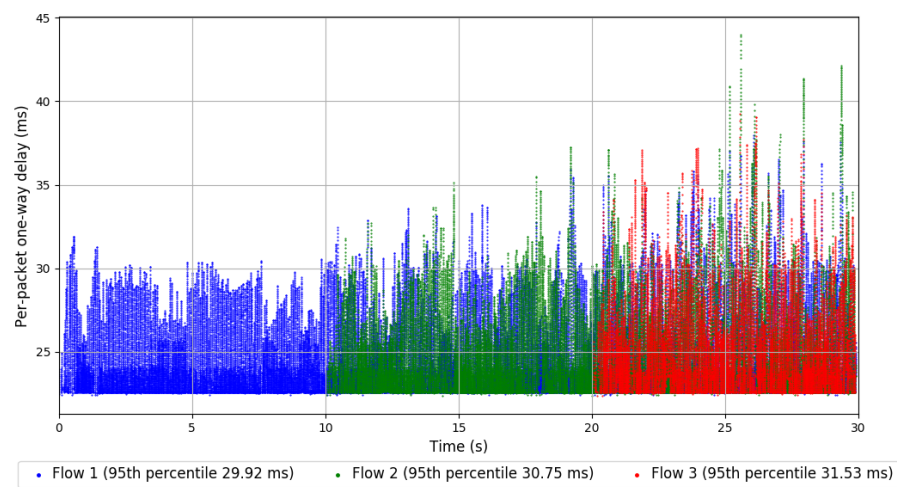
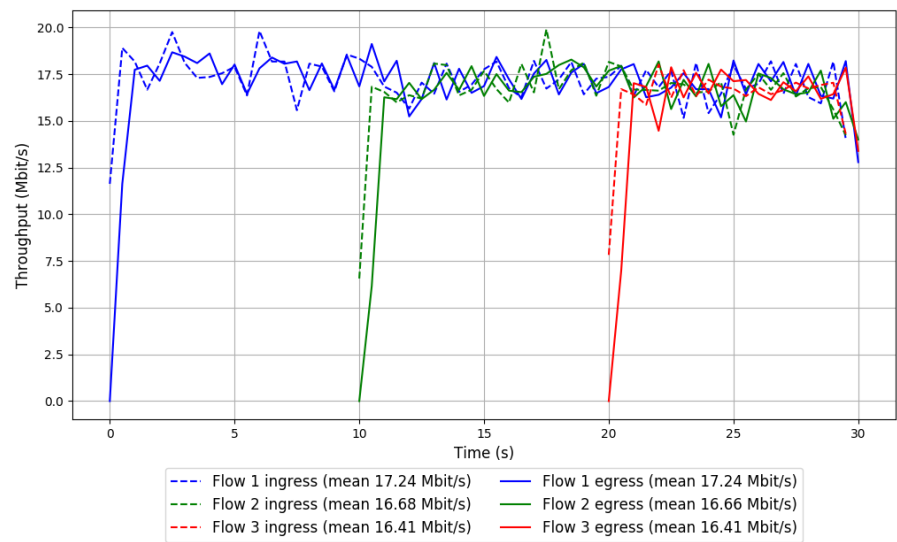


Run 2: Statistics of Sprout

Start at: 2018-08-02 00:42:30
End at: 2018-08-02 00:43:00
Local clock offset: -0.454 ms
Remote clock offset: -4.718 ms

Below is generated by plot.py at 2018-08-02 03:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.72 Mbit/s
95th percentile per-packet one-way delay: 30.419 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 17.24 Mbit/s
95th percentile per-packet one-way delay: 29.919 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: 30.754 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 31.526 ms
Loss rate: 0.36%

Run 2: Report of Sprout — Data Link

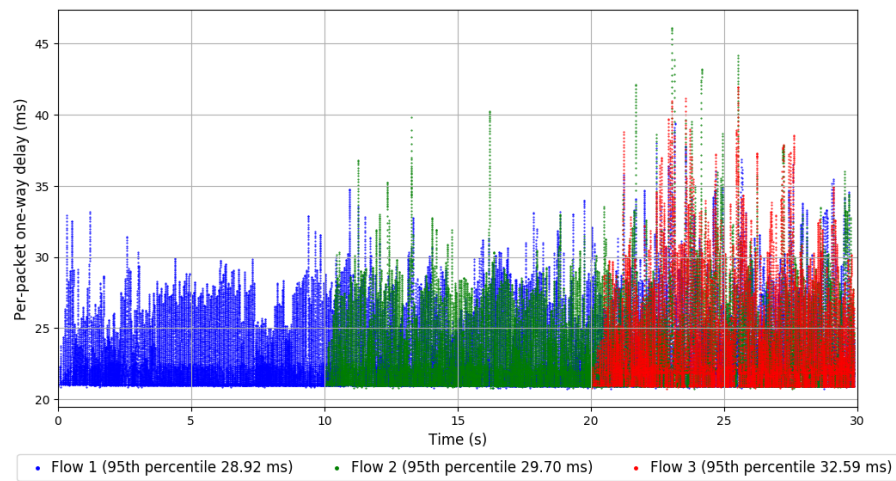
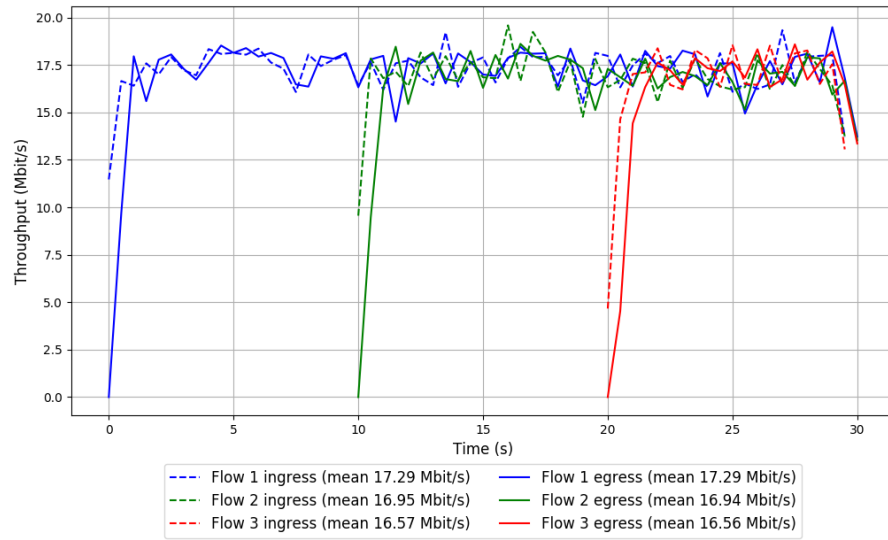


Run 3: Statistics of Sprout

Start at: 2018-08-02 01:02:58
End at: 2018-08-02 01:03:28
Local clock offset: -1.437 ms
Remote clock offset: -9.276 ms

```
# Below is generated by plot.py at 2018-08-02 03:56:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.01 Mbit/s
95th percentile per-packet one-way delay: 29.941 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 17.29 Mbit/s
95th percentile per-packet one-way delay: 28.919 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 16.94 Mbit/s
95th percentile per-packet one-way delay: 29.701 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 32.590 ms
Loss rate: 0.33%
```

Run 3: Report of Sprout — Data Link

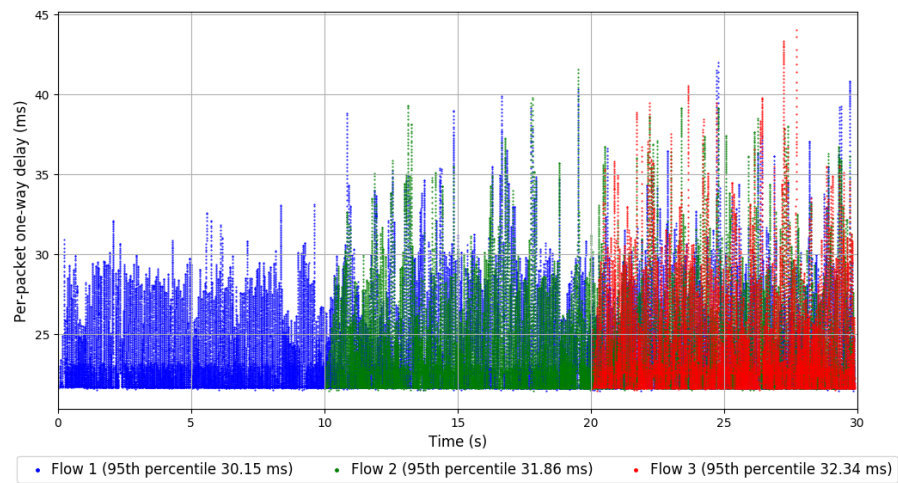
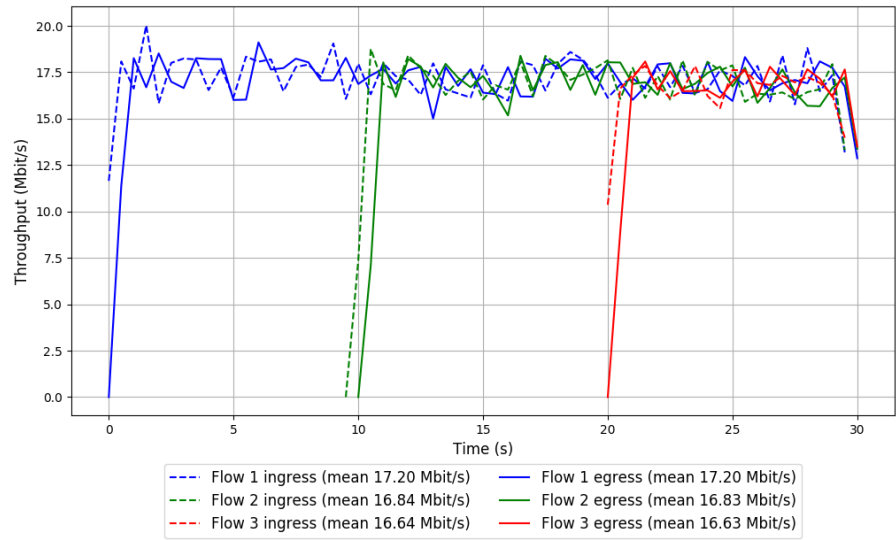


Run 4: Statistics of Sprout

Start at: 2018-08-02 01:22:58
End at: 2018-08-02 01:23:28
Local clock offset: -1.159 ms
Remote clock offset: -12.34 ms

```
# Below is generated by plot.py at 2018-08-02 03:56:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.87 Mbit/s
95th percentile per-packet one-way delay: 31.127 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 17.20 Mbit/s
95th percentile per-packet one-way delay: 30.150 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 16.83 Mbit/s
95th percentile per-packet one-way delay: 31.861 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 16.63 Mbit/s
95th percentile per-packet one-way delay: 32.344 ms
Loss rate: 0.27%
```

Run 4: Report of Sprout — Data Link

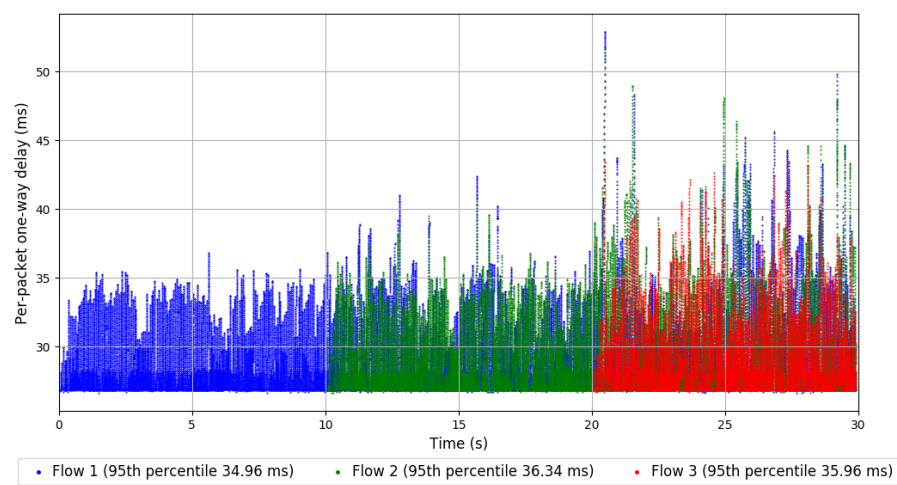
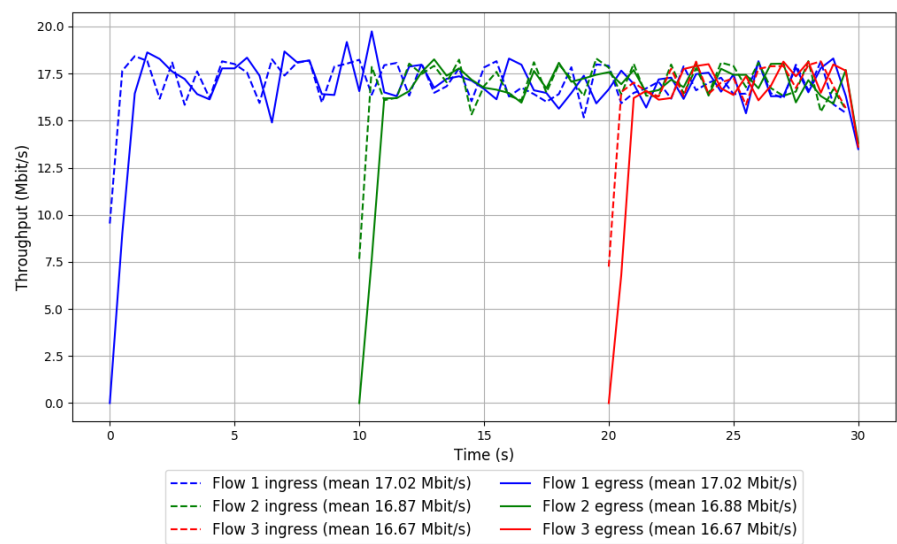


Run 5: Statistics of Sprout

Start at: 2018-08-02 01:43:03
End at: 2018-08-02 01:43:33
Local clock offset: 1.355 ms
Remote clock offset: -15.156 ms

Below is generated by plot.py at 2018-08-02 03:56:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.73 Mbit/s
95th percentile per-packet one-way delay: 35.616 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 34.961 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 16.88 Mbit/s
95th percentile per-packet one-way delay: 36.339 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 35.960 ms
Loss rate: 0.91%

Run 5: Report of Sprout — Data Link

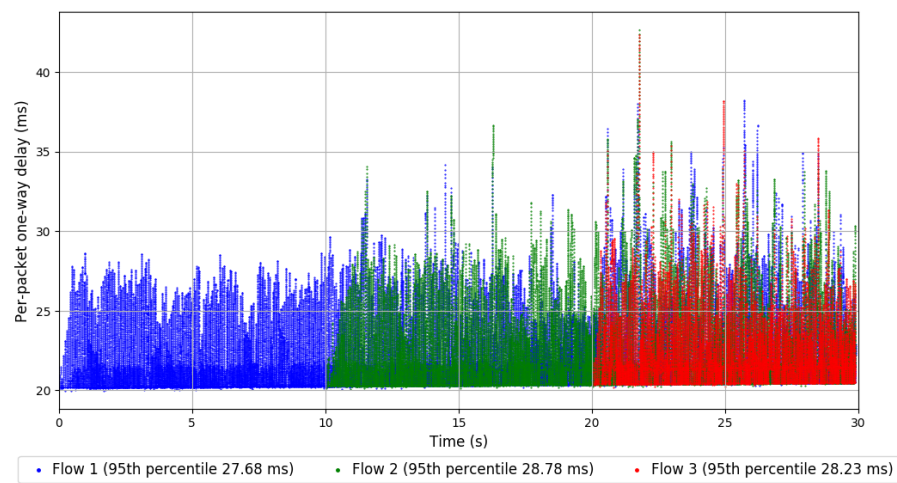
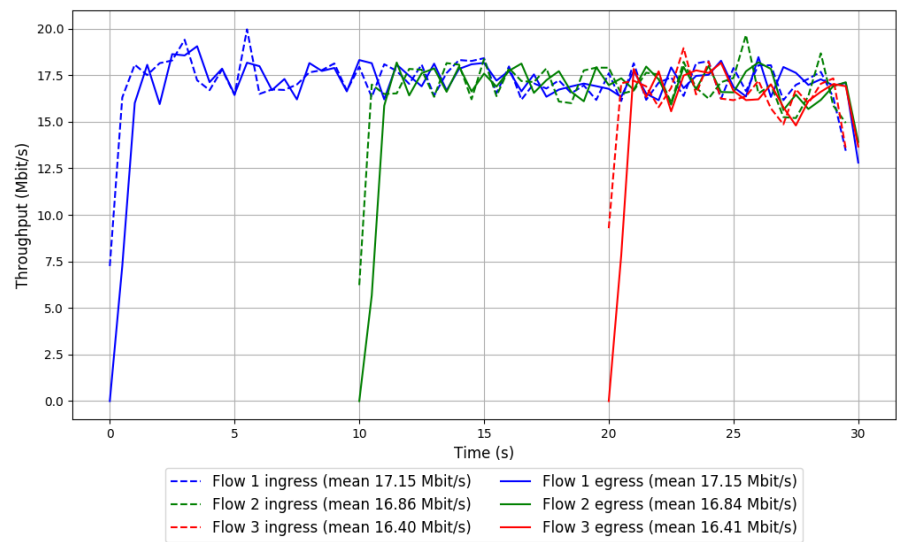


Run 6: Statistics of Sprout

Start at: 2018-08-02 02:03:18
End at: 2018-08-02 02:03:48
Local clock offset: -2.292 ms
Remote clock offset: -9.615 ms

Below is generated by plot.py at 2018-08-02 03:57:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.76 Mbit/s
95th percentile per-packet one-way delay: 28.147 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 17.15 Mbit/s
95th percentile per-packet one-way delay: 27.678 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 28.783 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 28.226 ms
Loss rate: 0.21%

Run 6: Report of Sprout — Data Link

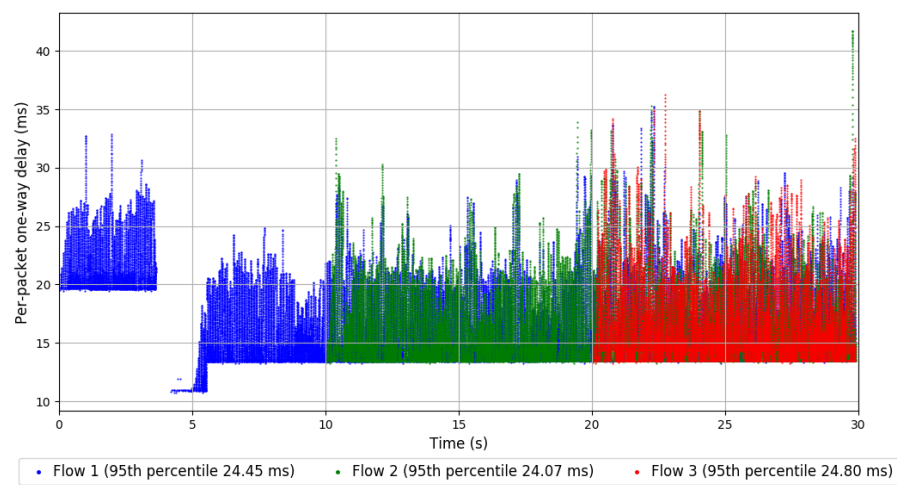
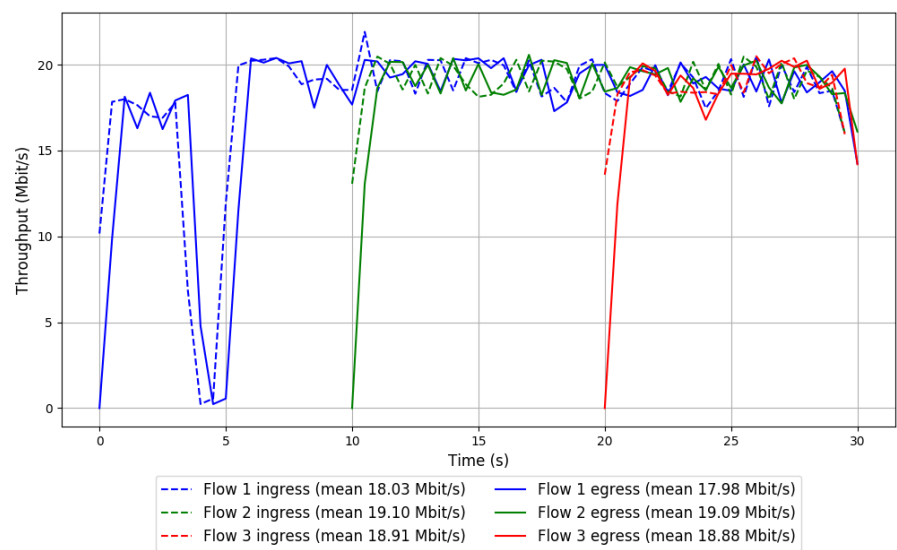


Run 7: Statistics of Sprout

Start at: 2018-08-02 02:23:37
End at: 2018-08-02 02:24:07
Local clock offset: -2.134 ms
Remote clock offset: -2.749 ms

Below is generated by plot.py at 2018-08-02 03:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 24.392 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 17.98 Mbit/s
95th percentile per-packet one-way delay: 24.453 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 19.09 Mbit/s
95th percentile per-packet one-way delay: 24.070 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 18.88 Mbit/s
95th percentile per-packet one-way delay: 24.795 ms
Loss rate: 0.47%

Run 7: Report of Sprout — Data Link

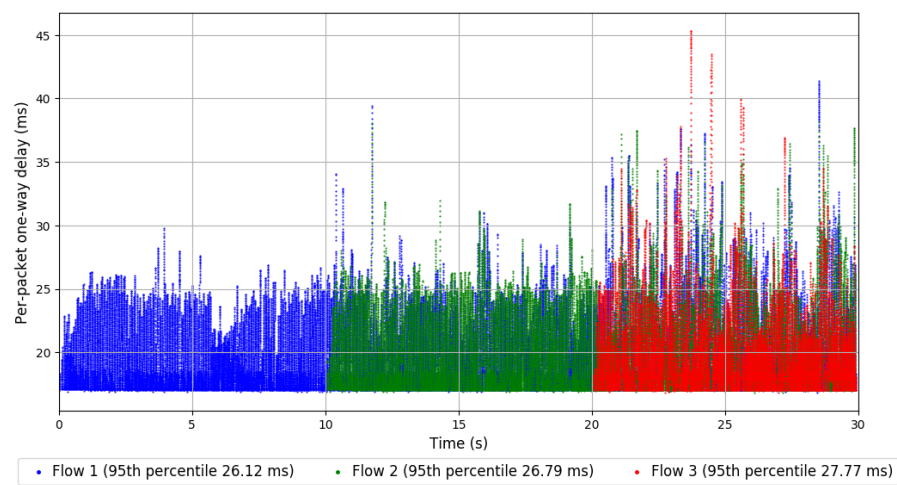
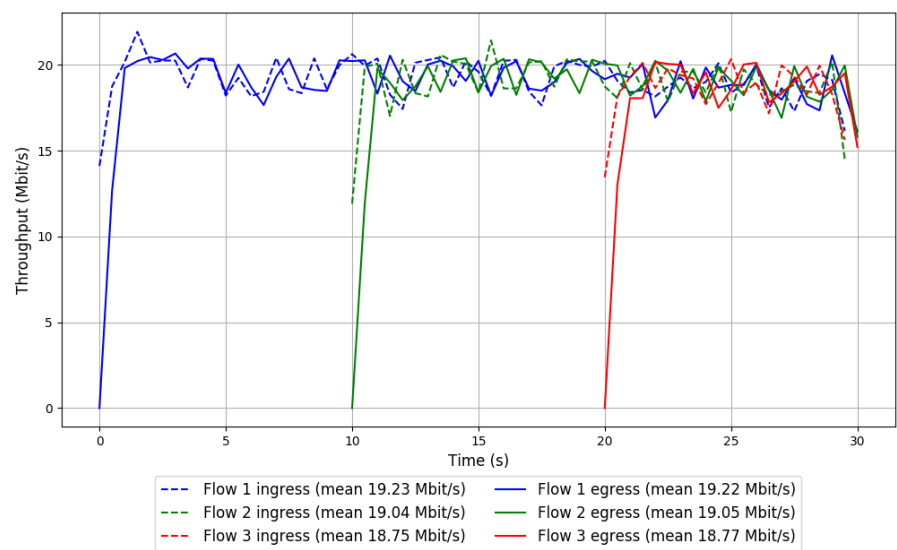


Run 8: Statistics of Sprout

Start at: 2018-08-02 02:44:05
End at: 2018-08-02 02:44:35
Local clock offset: -1.252 ms
Remote clock offset: -7.254 ms

Below is generated by plot.py at 2018-08-02 03:57:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 26.620 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 19.22 Mbit/s
95th percentile per-packet one-way delay: 26.121 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 19.05 Mbit/s
95th percentile per-packet one-way delay: 26.794 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 18.77 Mbit/s
95th percentile per-packet one-way delay: 27.775 ms
Loss rate: 0.21%

Run 8: Report of Sprout — Data Link

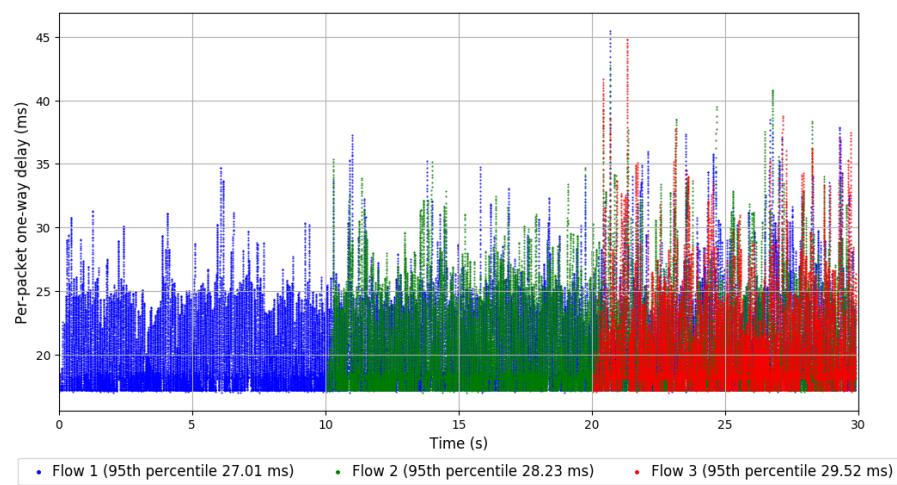
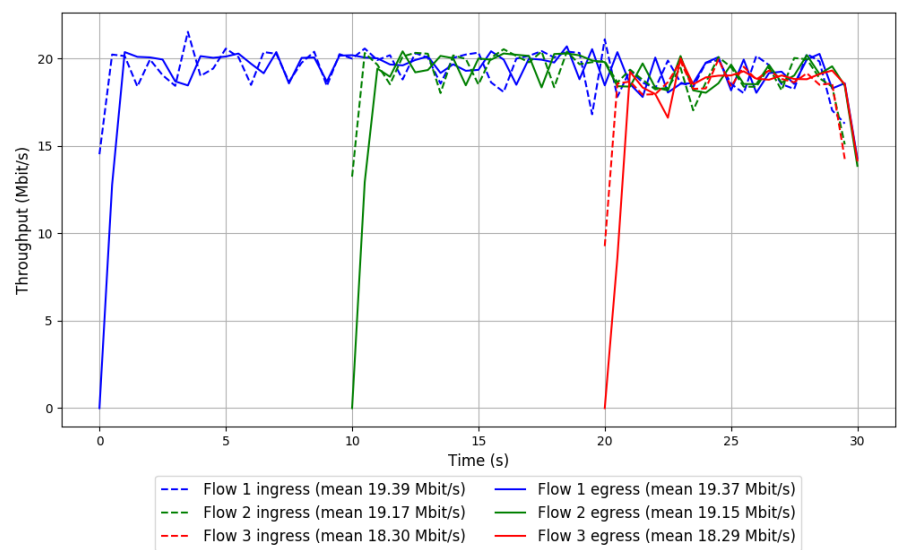


Run 9: Statistics of Sprout

Start at: 2018-08-02 03:04:12
End at: 2018-08-02 03:04:42
Local clock offset: -2.077 ms
Remote clock offset: -8.108 ms

Below is generated by plot.py at 2018-08-02 03:57:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.14 Mbit/s
95th percentile per-packet one-way delay: 27.847 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 19.37 Mbit/s
95th percentile per-packet one-way delay: 27.014 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 19.15 Mbit/s
95th percentile per-packet one-way delay: 28.228 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 18.29 Mbit/s
95th percentile per-packet one-way delay: 29.523 ms
Loss rate: 0.12%

Run 9: Report of Sprout — Data Link

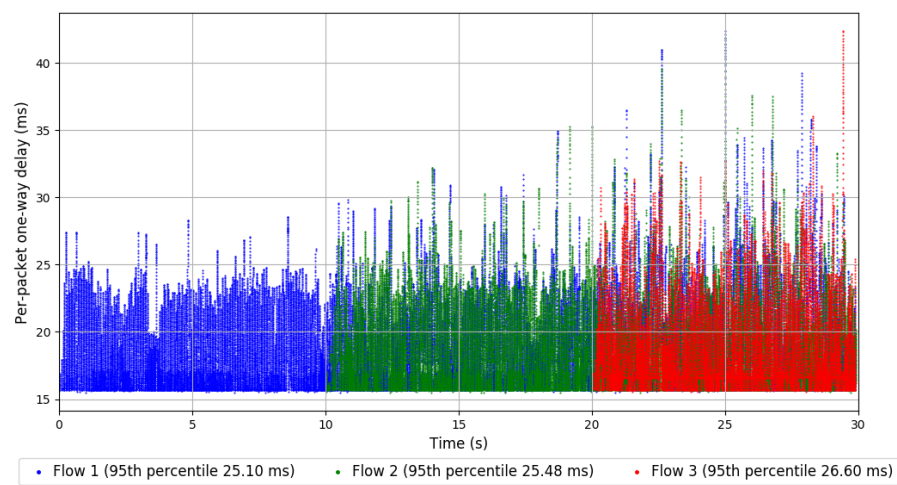
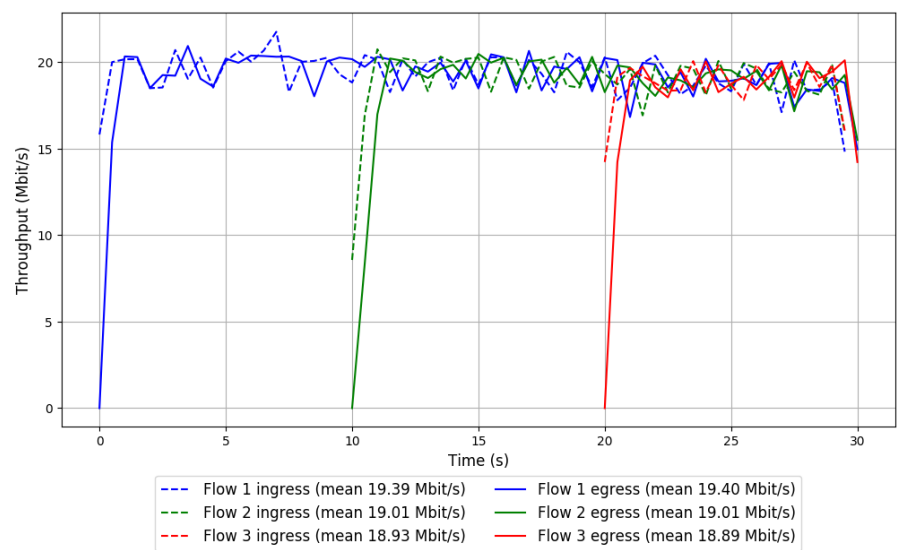


Run 10: Statistics of Sprout

Start at: 2018-08-02 03:24:12
End at: 2018-08-02 03:24:42
Local clock offset: -1.213 ms
Remote clock offset: -6.312 ms

Below is generated by plot.py at 2018-08-02 03:57:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.27 Mbit/s
95th percentile per-packet one-way delay: 25.535 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 19.40 Mbit/s
95th percentile per-packet one-way delay: 25.096 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 19.01 Mbit/s
95th percentile per-packet one-way delay: 25.485 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 26.604 ms
Loss rate: 0.49%

Run 10: Report of Sprout — Data Link

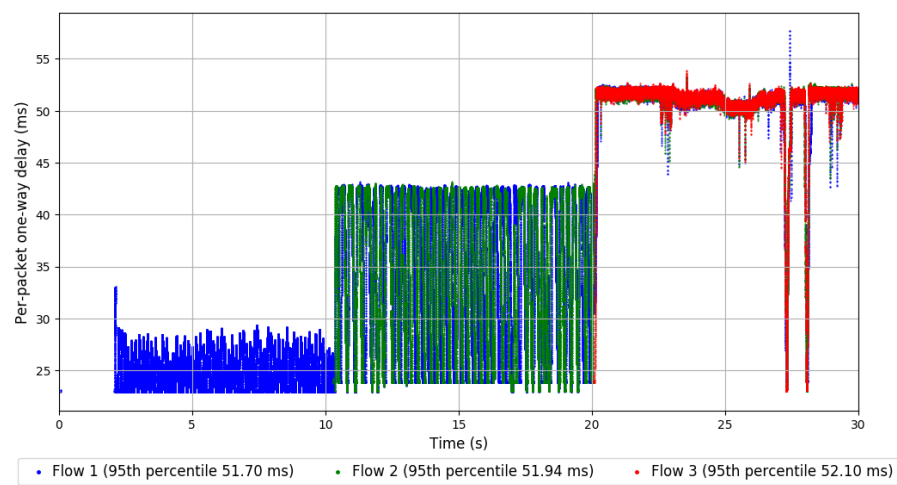
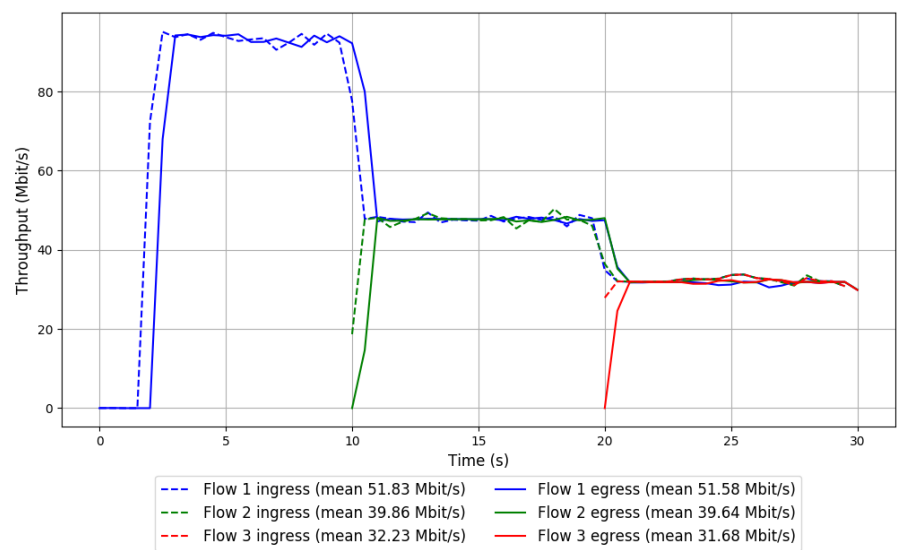


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-02 00:34:10
End at: 2018-08-02 00:34:40
Local clock offset: -0.307 ms
Remote clock offset: -5.347 ms

# Below is generated by plot.py at 2018-08-02 03:58:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 51.910 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 51.704 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 51.936 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 52.099 ms
Loss rate: 2.06%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-08-02 00:54:35

End at: 2018-08-02 00:55:05

Local clock offset: -0.889 ms

Remote clock offset: -5.78 ms

Below is generated by plot.py at 2018-08-02 03:58:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.61 Mbit/s

95th percentile per-packet one-way delay: 49.836 ms

Loss rate: 0.81%

-- Flow 1:

Average throughput: 57.75 Mbit/s

95th percentile per-packet one-way delay: 49.577 ms

Loss rate: 0.31%

-- Flow 2:

Average throughput: 39.75 Mbit/s

95th percentile per-packet one-way delay: 49.915 ms

Loss rate: 0.69%

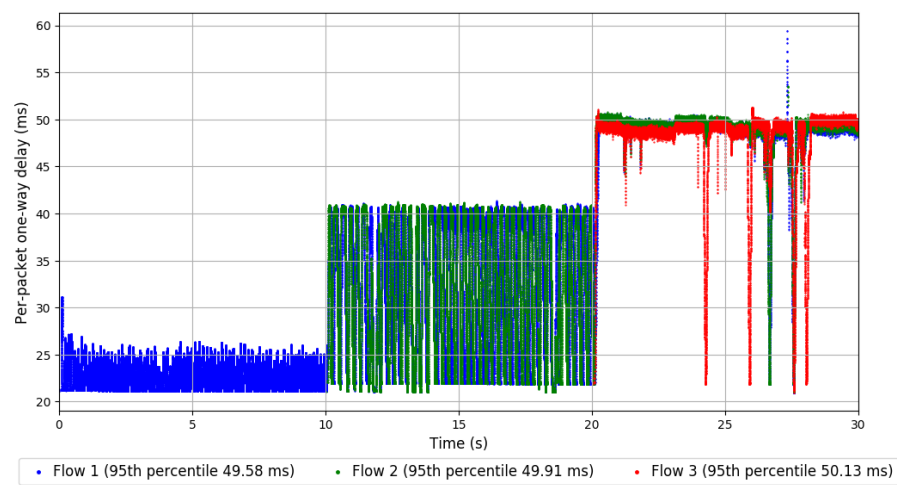
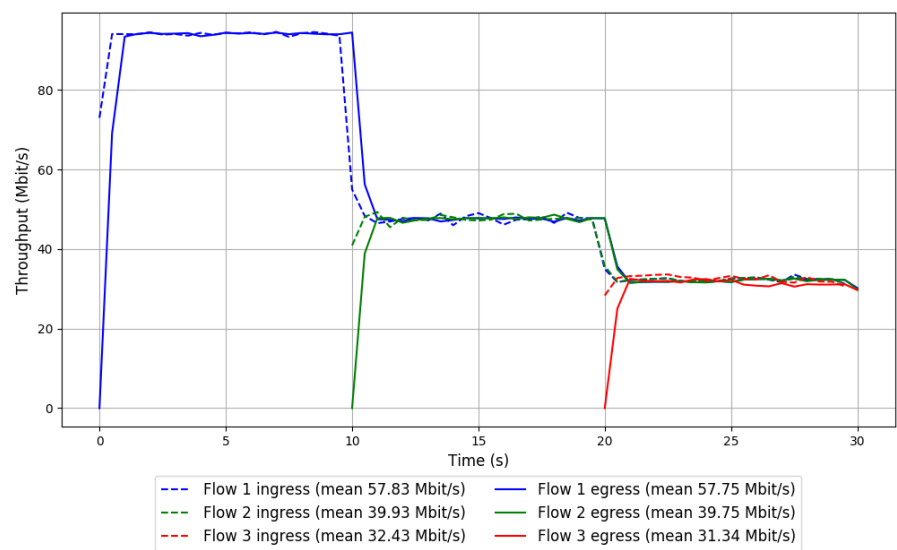
-- Flow 3:

Average throughput: 31.34 Mbit/s

95th percentile per-packet one-way delay: 50.131 ms

Loss rate: 3.81%

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

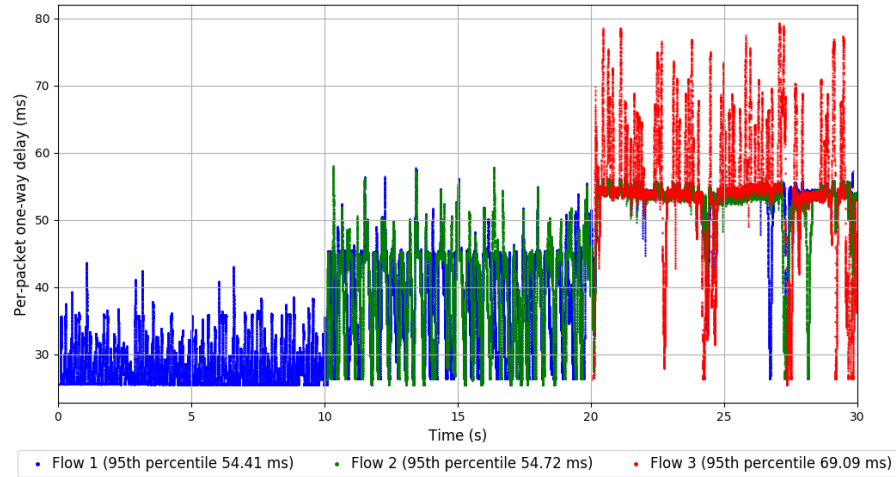
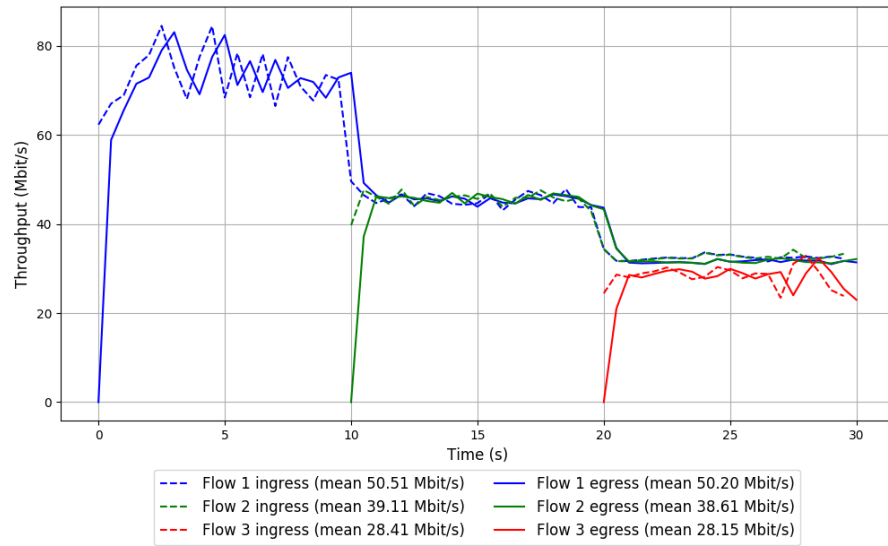


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-02 01:14:44
End at: 2018-08-02 01:15:14
Local clock offset: -0.593 ms
Remote clock offset: -14.798 ms

Below is generated by plot.py at 2018-08-02 03:58:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.25 Mbit/s
95th percentile per-packet one-way delay: 55.068 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 54.406 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 38.61 Mbit/s
95th percentile per-packet one-way delay: 54.722 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 28.15 Mbit/s
95th percentile per-packet one-way delay: 69.086 ms
Loss rate: 1.27%

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

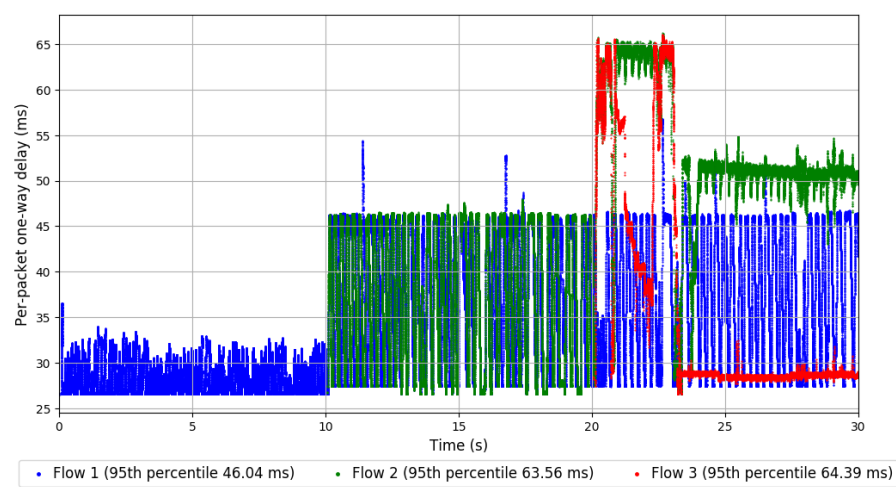
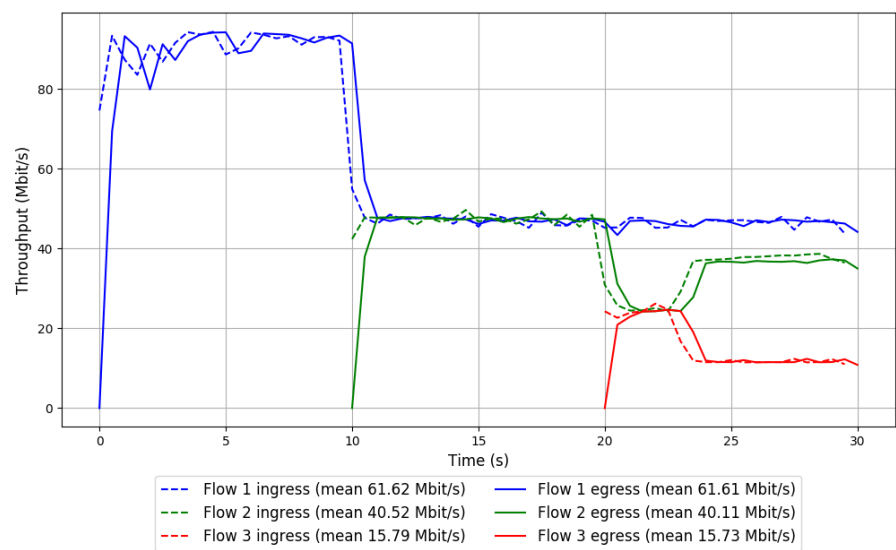


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-02 01:34:44
End at: 2018-08-02 01:35:14
Local clock offset: 1.709 ms
Remote clock offset: -14.46 ms

Below is generated by plot.py at 2018-08-02 03:58:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 51.742 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 61.61 Mbit/s
95th percentile per-packet one-way delay: 46.040 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 63.557 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 64.389 ms
Loss rate: 0.79%

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

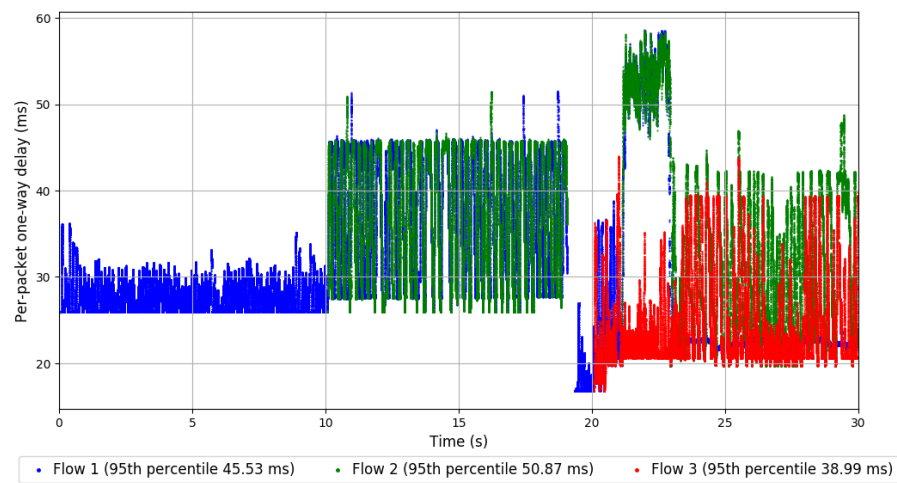
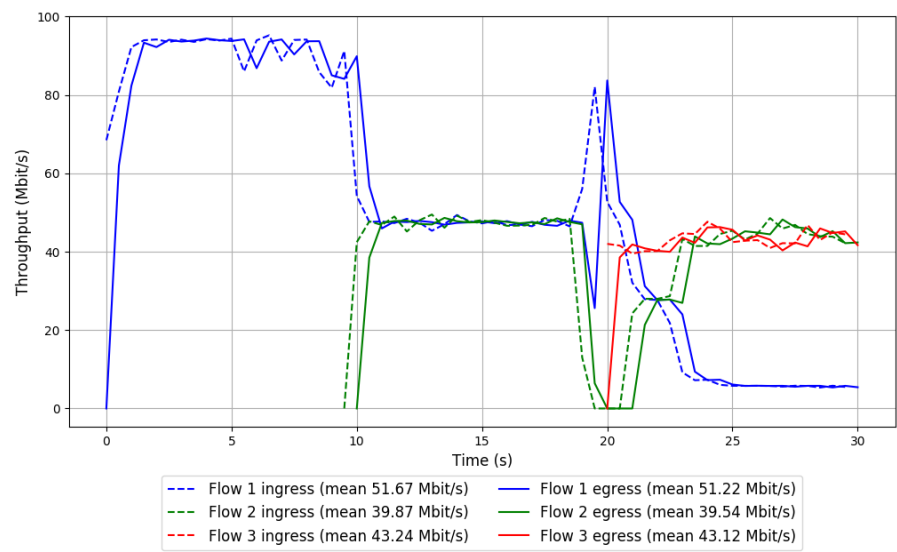


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-02 01:54:53
End at: 2018-08-02 01:55:23
Local clock offset: 1.213 ms
Remote clock offset: -14.93 ms

Below is generated by plot.py at 2018-08-02 03:59:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.86 Mbit/s
95th percentile per-packet one-way delay: 45.573 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 51.22 Mbit/s
95th percentile per-packet one-way delay: 45.528 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 50.869 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 43.12 Mbit/s
95th percentile per-packet one-way delay: 38.988 ms
Loss rate: 0.53%

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

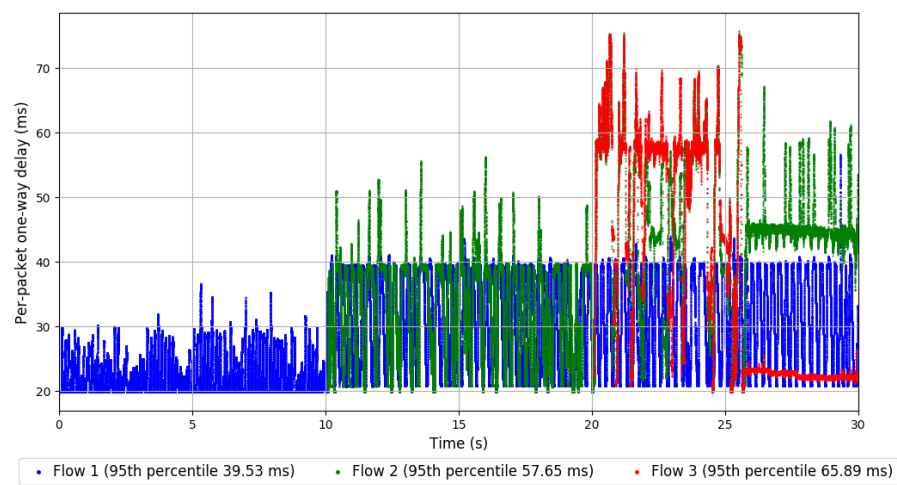
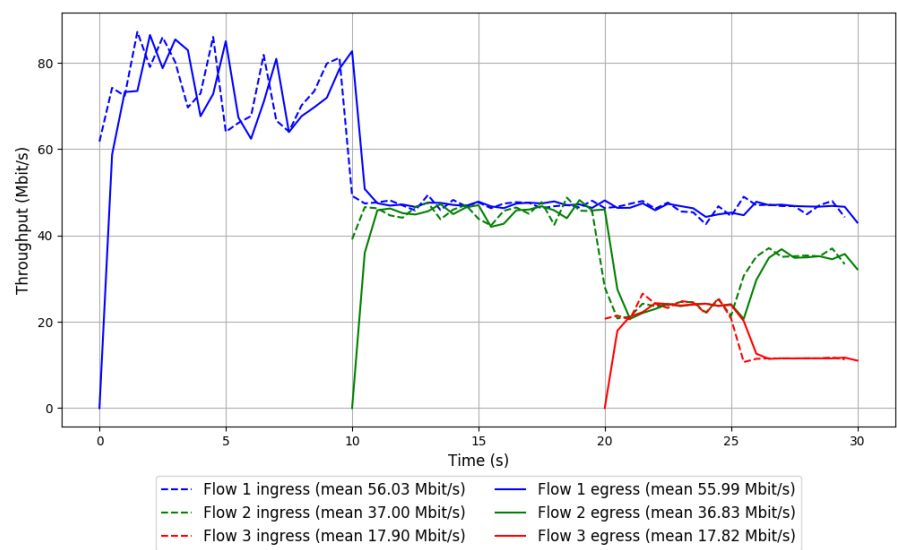


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-02 02:15:22
End at: 2018-08-02 02:15:52
Local clock offset: -2.832 ms
Remote clock offset: -4.999 ms

Below is generated by plot.py at 2018-08-02 03:59:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 54.580 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 39.530 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.83 Mbit/s
95th percentile per-packet one-way delay: 57.648 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 17.82 Mbit/s
95th percentile per-packet one-way delay: 65.895 ms
Loss rate: 0.81%

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

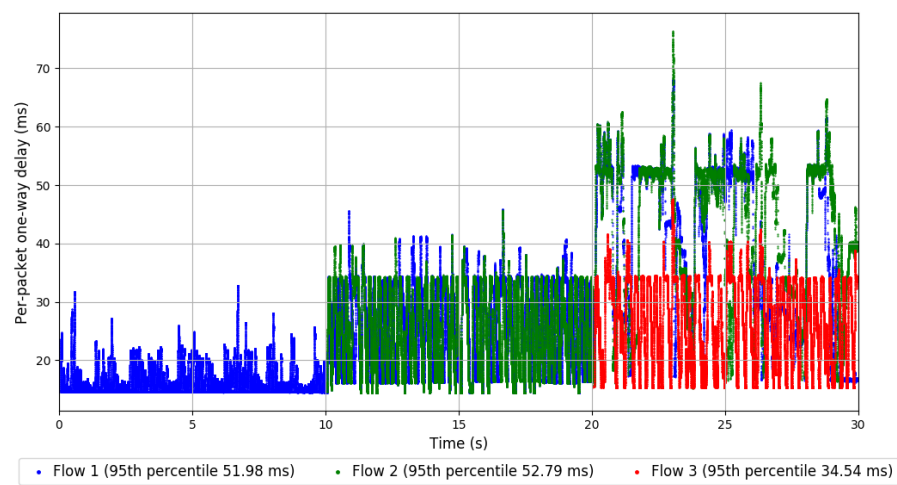
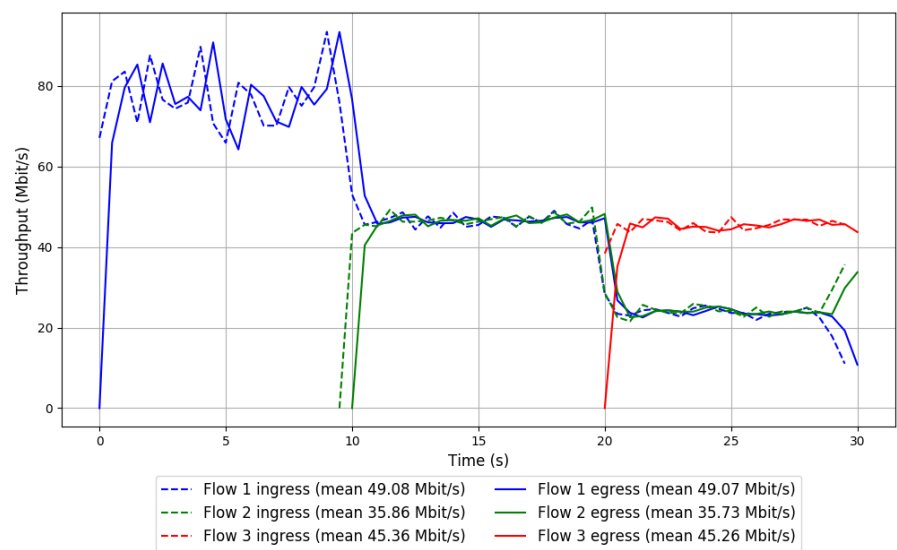


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-02 02:35:38
End at: 2018-08-02 02:36:08
Local clock offset: -0.877 ms
Remote clock offset: -2.643 ms

Below is generated by plot.py at 2018-08-02 03:59:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.89 Mbit/s
95th percentile per-packet one-way delay: 52.214 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 51.980 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 52.793 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 45.26 Mbit/s
95th percentile per-packet one-way delay: 34.538 ms
Loss rate: 0.51%

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

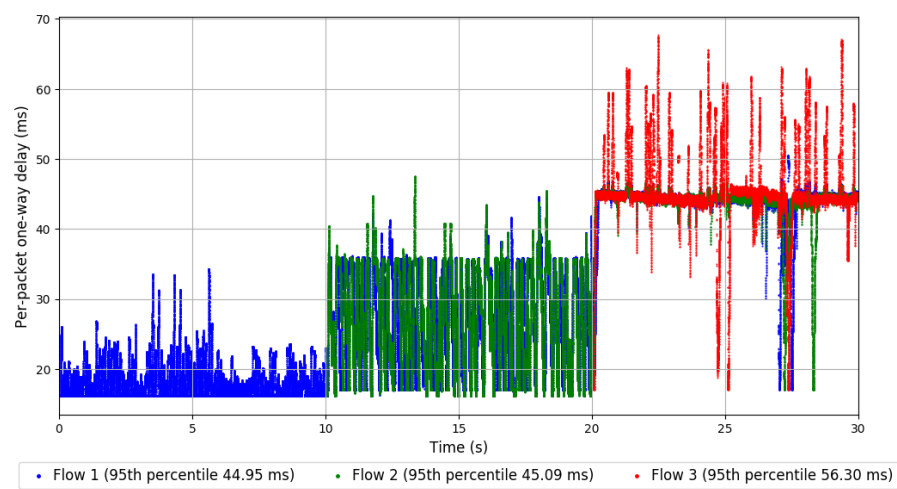
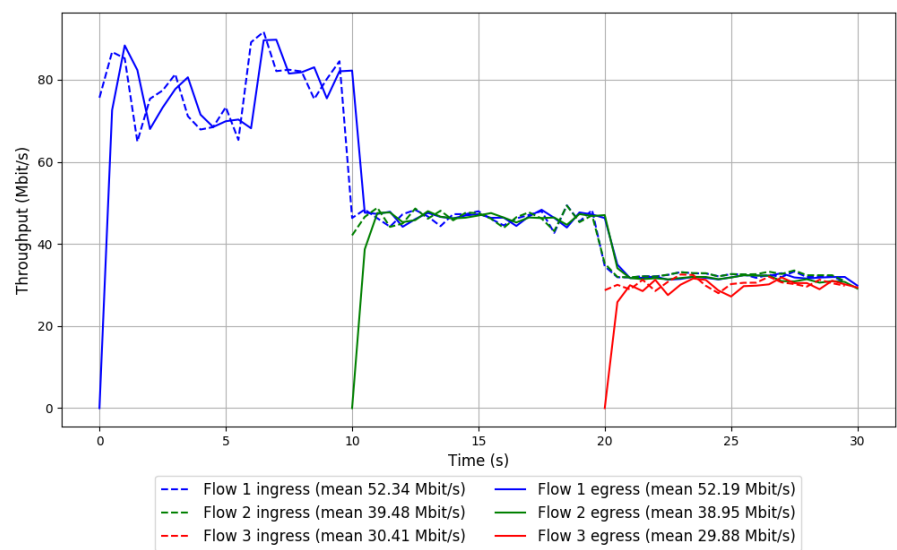


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-02 02:55:54
End at: 2018-08-02 02:56:24
Local clock offset: -2.018 ms
Remote clock offset: -7.623 ms

Below is generated by plot.py at 2018-08-02 03:59:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 45.368 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 44.948 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 38.95 Mbit/s
95th percentile per-packet one-way delay: 45.095 ms
Loss rate: 1.51%
-- Flow 3:
Average throughput: 29.88 Mbit/s
95th percentile per-packet one-way delay: 56.301 ms
Loss rate: 2.07%

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

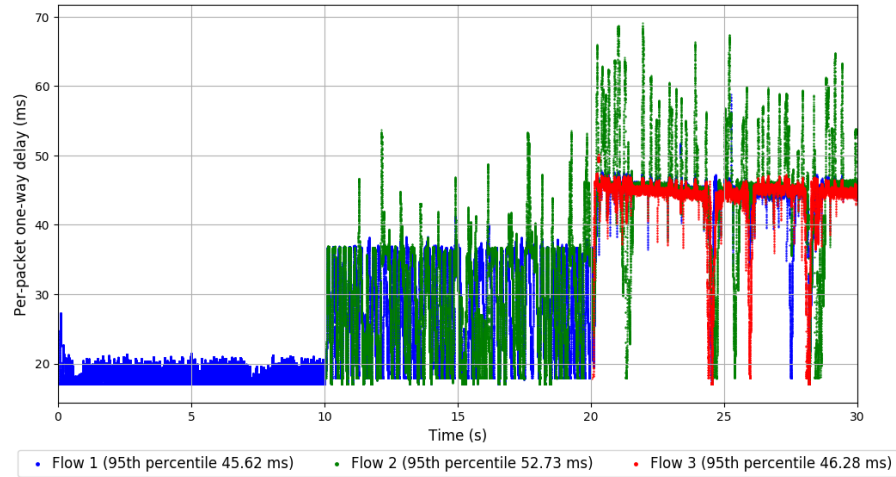
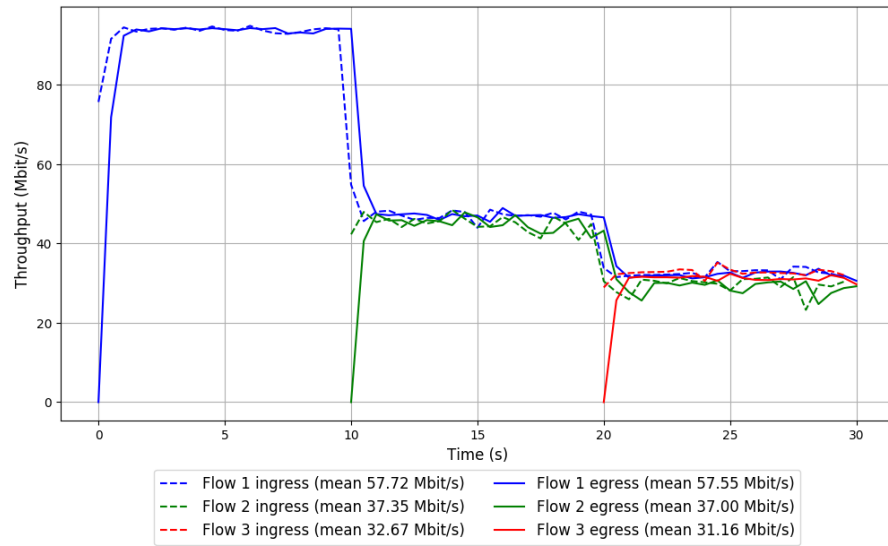


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-02 03:16:02
End at: 2018-08-02 03:16:32
Local clock offset: 0.251 ms
Remote clock offset: -6.061 ms

Below is generated by plot.py at 2018-08-02 04:00:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 46.098 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 57.55 Mbit/s
95th percentile per-packet one-way delay: 45.618 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 52.725 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 31.16 Mbit/s
95th percentile per-packet one-way delay: 46.281 ms
Loss rate: 4.93%

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

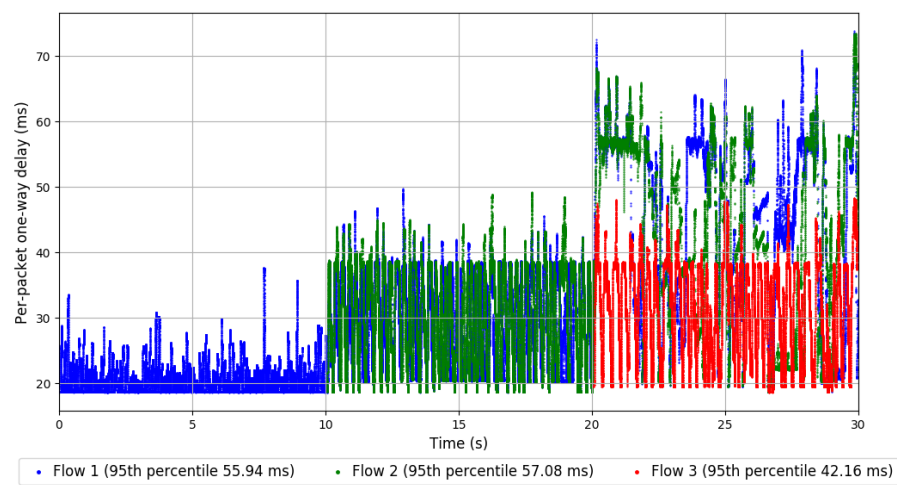
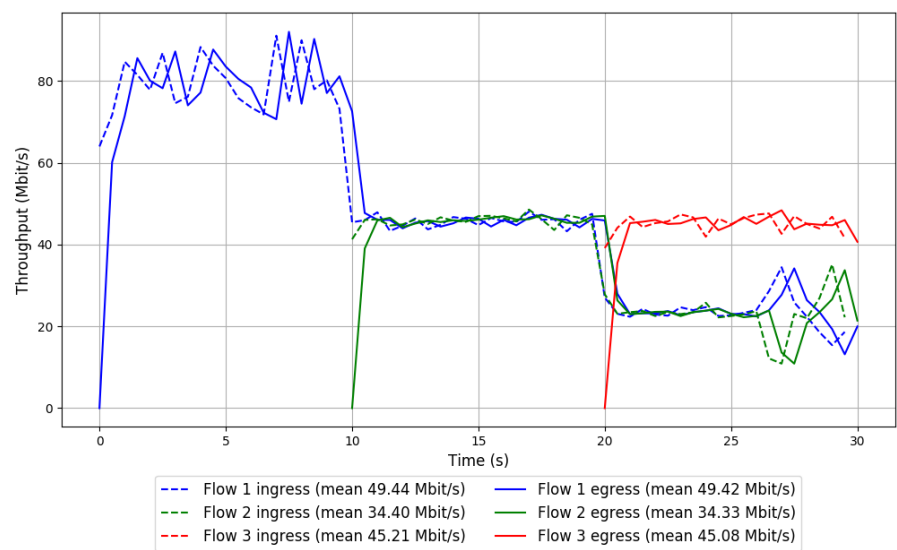


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-02 03:36:07
End at: 2018-08-02 03:36:37
Local clock offset: -1.551 ms
Remote clock offset: -9.781 ms

Below is generated by plot.py at 2018-08-02 04:00:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 56.196 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 49.42 Mbit/s
95th percentile per-packet one-way delay: 55.936 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.33 Mbit/s
95th percentile per-packet one-way delay: 57.083 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 45.08 Mbit/s
95th percentile per-packet one-way delay: 42.160 ms
Loss rate: 0.56%

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

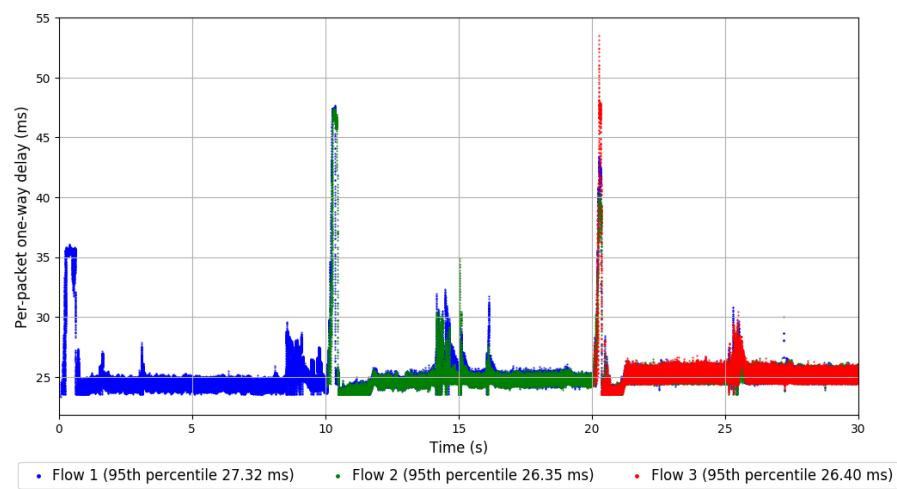
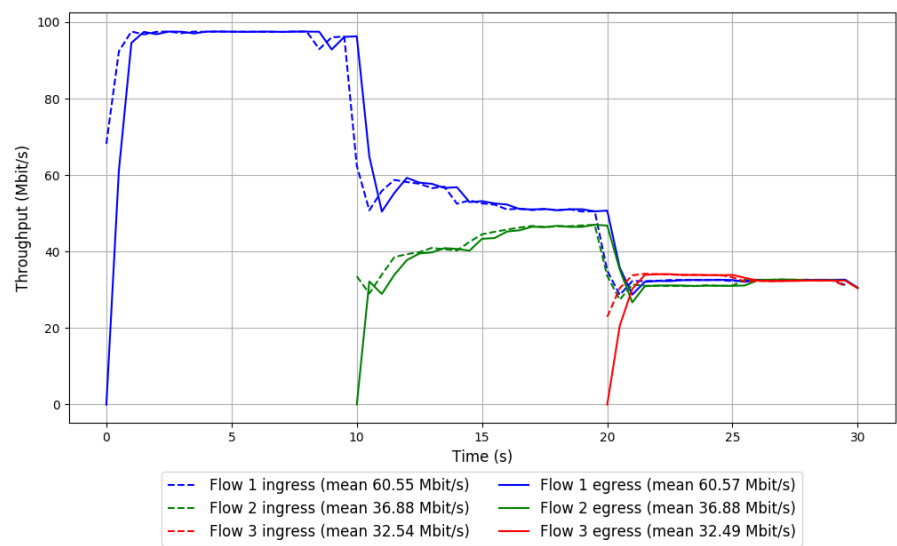


Run 1: Statistics of TCP Vegas

Start at: 2018-08-02 00:28:11
End at: 2018-08-02 00:28:41
Local clock offset: 1.019 ms
Remote clock offset: -4.839 ms

Below is generated by plot.py at 2018-08-02 04:00:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 27.025 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 60.57 Mbit/s
95th percentile per-packet one-way delay: 27.320 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 26.350 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 26.403 ms
Loss rate: 0.49%

Run 1: Report of TCP Vegas — Data Link

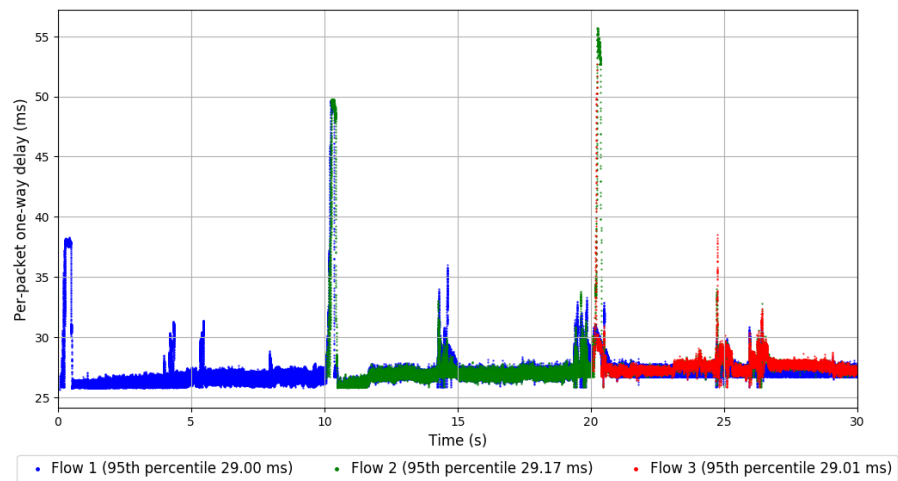
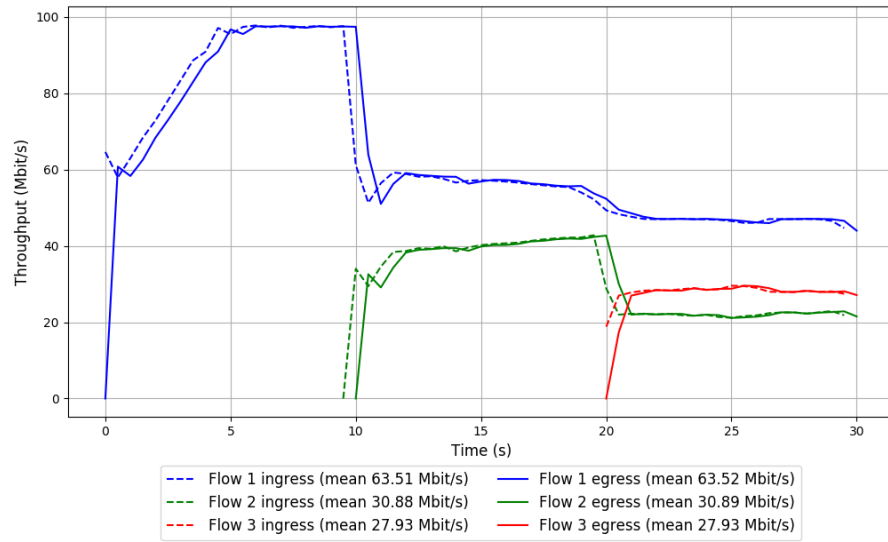


Run 2: Statistics of TCP Vegas

Start at: 2018-08-02 00:48:22
End at: 2018-08-02 00:48:52
Local clock offset: 1.037 ms
Remote clock offset: -6.223 ms

Below is generated by plot.py at 2018-08-02 04:00:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 29.052 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 63.52 Mbit/s
95th percentile per-packet one-way delay: 29.000 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 30.89 Mbit/s
95th percentile per-packet one-way delay: 29.166 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 27.93 Mbit/s
95th percentile per-packet one-way delay: 29.008 ms
Loss rate: 0.35%

Run 2: Report of TCP Vegas — Data Link

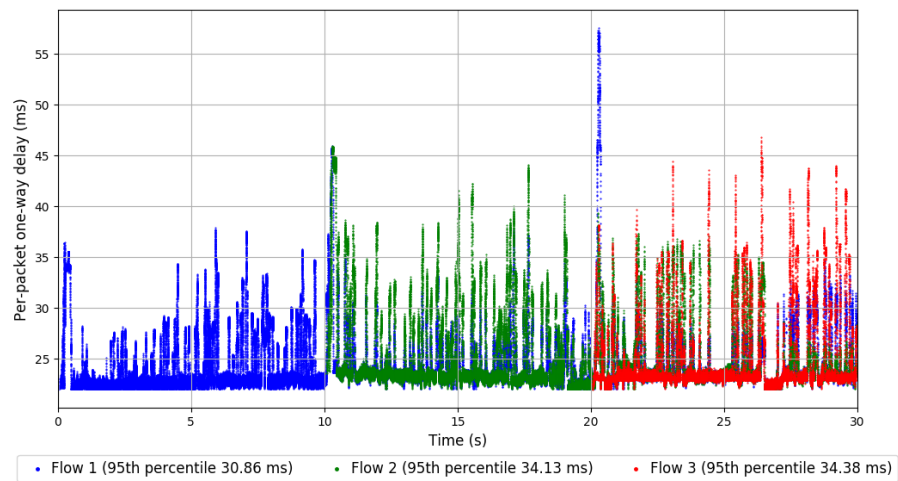
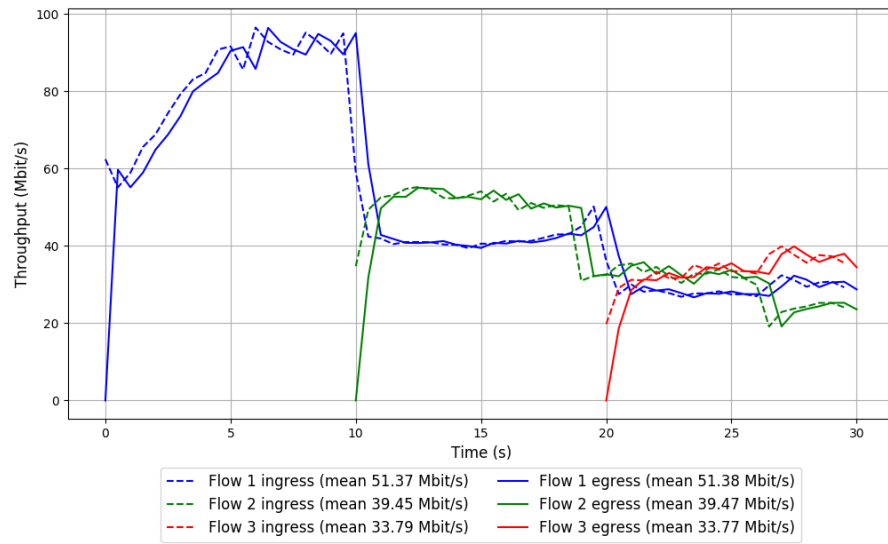


Run 3: Statistics of TCP Vegas

Start at: 2018-08-02 01:08:45
End at: 2018-08-02 01:09:15
Local clock offset: -0.946 ms
Remote clock offset: -10.993 ms

Below is generated by plot.py at 2018-08-02 04:00:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.86 Mbit/s
95th percentile per-packet one-way delay: 32.743 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 51.38 Mbit/s
95th percentile per-packet one-way delay: 30.858 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.47 Mbit/s
95th percentile per-packet one-way delay: 34.134 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 33.77 Mbit/s
95th percentile per-packet one-way delay: 34.377 ms
Loss rate: 0.41%

Run 3: Report of TCP Vegas — Data Link

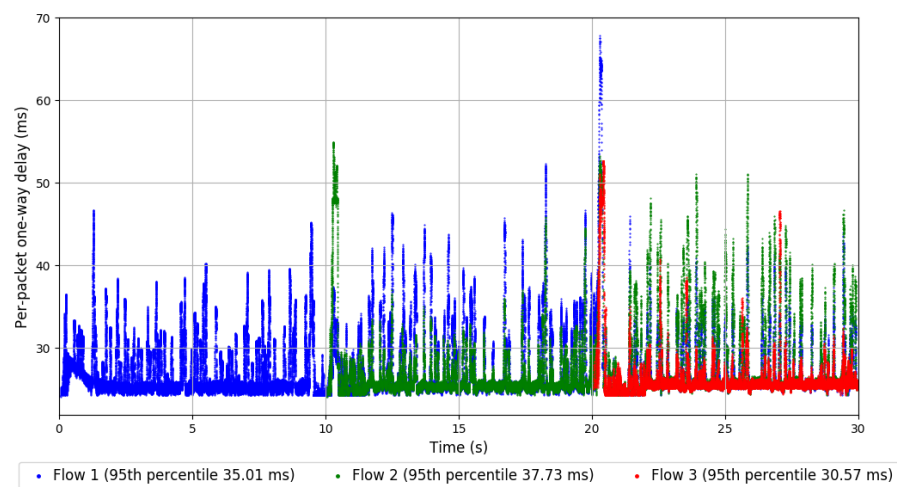
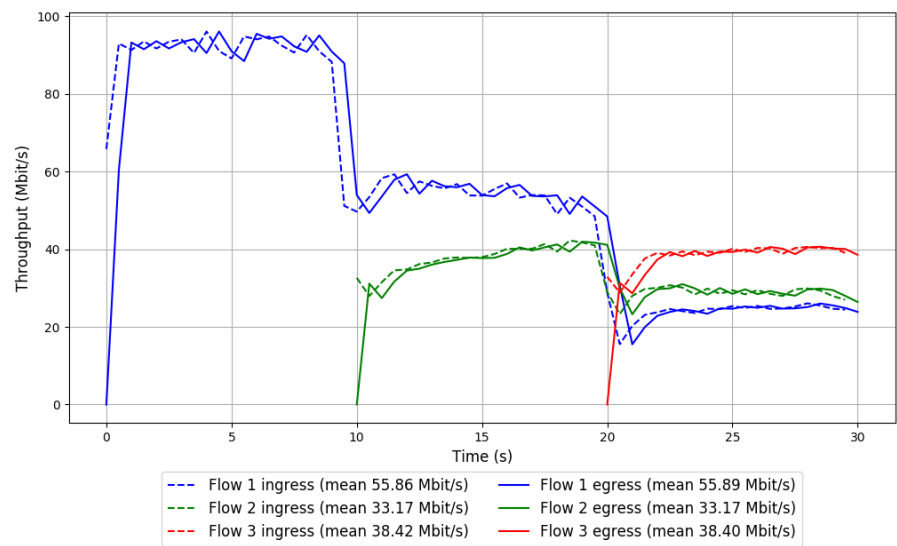


Run 4: Statistics of TCP Vegas

Start at: 2018-08-02 01:28:49
End at: 2018-08-02 01:29:19
Local clock offset: 0.883 ms
Remote clock offset: -12.963 ms

Below is generated by plot.py at 2018-08-02 04:00:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 35.304 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 55.89 Mbit/s
95th percentile per-packet one-way delay: 35.011 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 37.735 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 38.40 Mbit/s
95th percentile per-packet one-way delay: 30.573 ms
Loss rate: 0.38%

Run 4: Report of TCP Vegas — Data Link

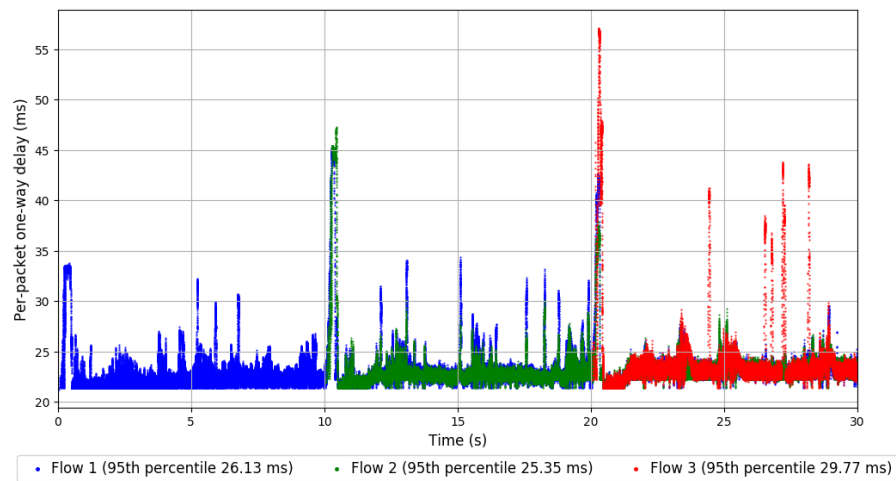
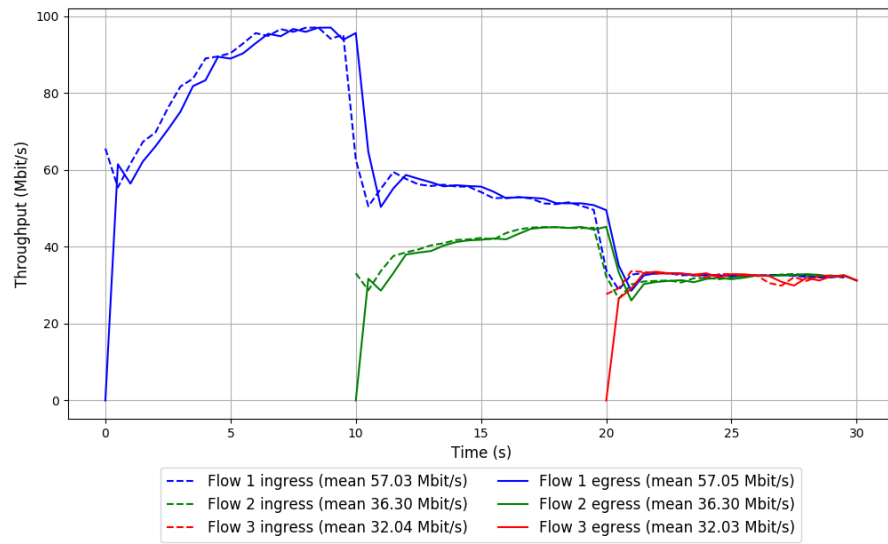


Run 5: Statistics of TCP Vegas

Start at: 2018-08-02 01:48:50
End at: 2018-08-02 01:49:20
Local clock offset: -2.086 ms
Remote clock offset: -13.292 ms

Below is generated by plot.py at 2018-08-02 04:00:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 26.032 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 57.05 Mbit/s
95th percentile per-packet one-way delay: 26.126 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 25.348 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 29.771 ms
Loss rate: 0.37%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-08-02 02:09:16

End at: 2018-08-02 02:09:46

Local clock offset: 1.082 ms

Remote clock offset: -6.84 ms

Below is generated by plot.py at 2018-08-02 04:00:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 27.946 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 55.83 Mbit/s

95th percentile per-packet one-way delay: 28.201 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 45.60 Mbit/s

95th percentile per-packet one-way delay: 27.274 ms

Loss rate: 0.23%

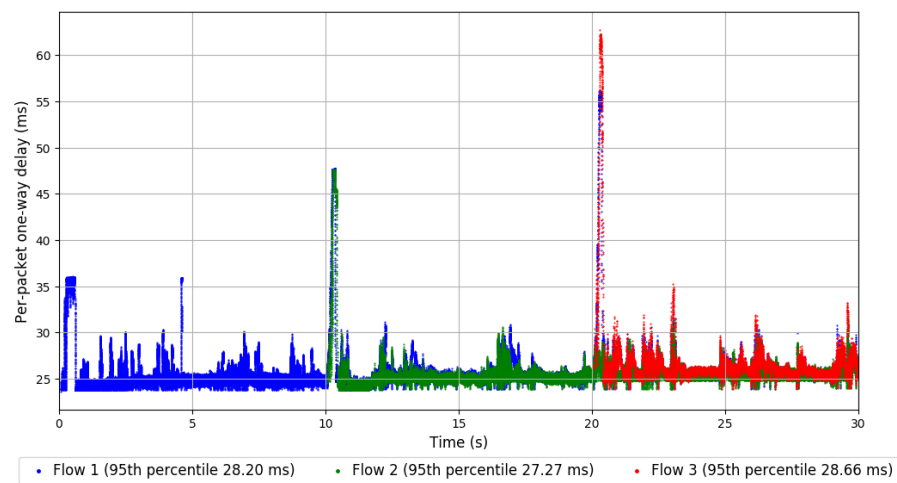
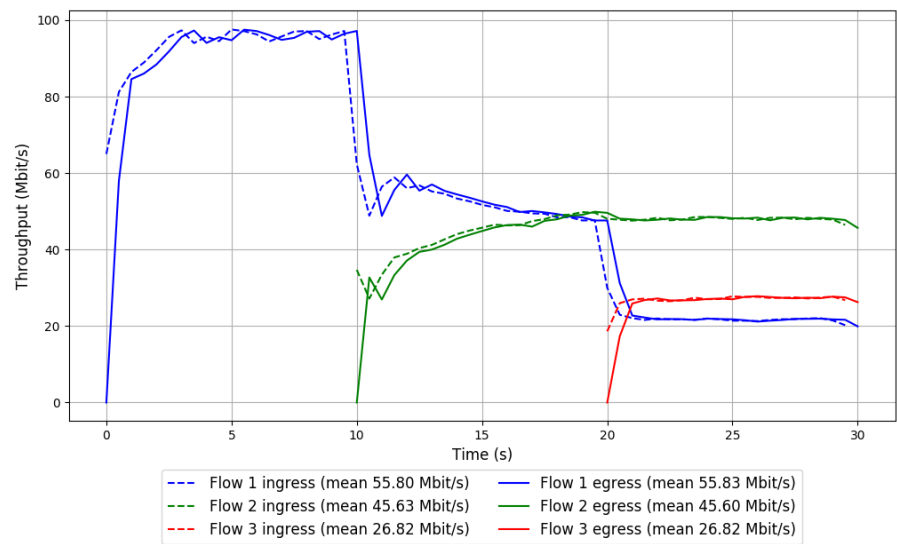
-- Flow 3:

Average throughput: 26.82 Mbit/s

95th percentile per-packet one-way delay: 28.661 ms

Loss rate: 0.37%

Run 6: Report of TCP Vegas — Data Link

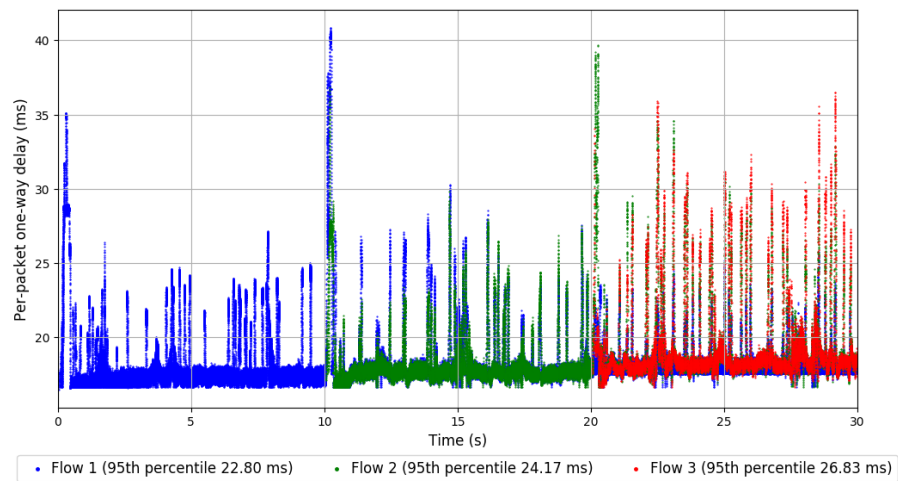
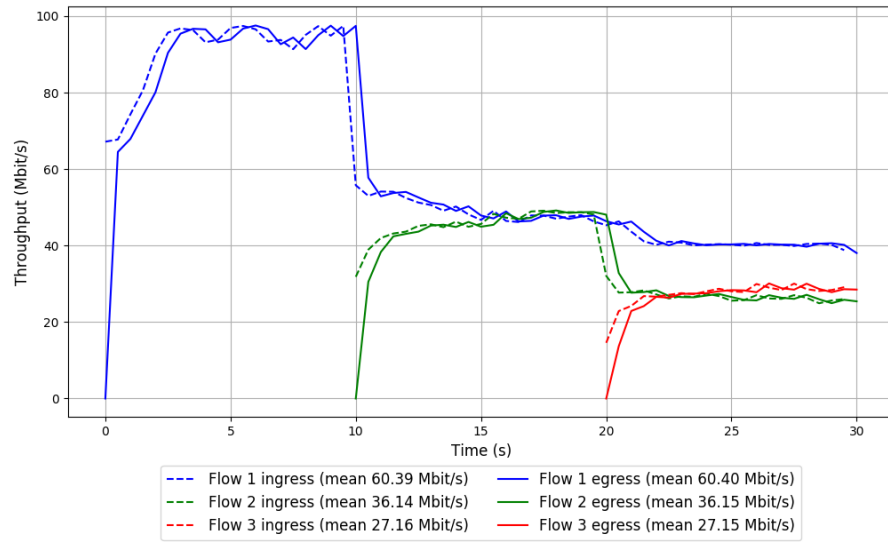


Run 7: Statistics of TCP Vegas

Start at: 2018-08-02 02:29:29
End at: 2018-08-02 02:29:59
Local clock offset: -1.499 ms
Remote clock offset: -4.861 ms

Below is generated by plot.py at 2018-08-02 04:01:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 23.421 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 60.40 Mbit/s
95th percentile per-packet one-way delay: 22.796 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.15 Mbit/s
95th percentile per-packet one-way delay: 24.166 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 27.15 Mbit/s
95th percentile per-packet one-way delay: 26.826 ms
Loss rate: 0.32%

Run 7: Report of TCP Vegas — Data Link

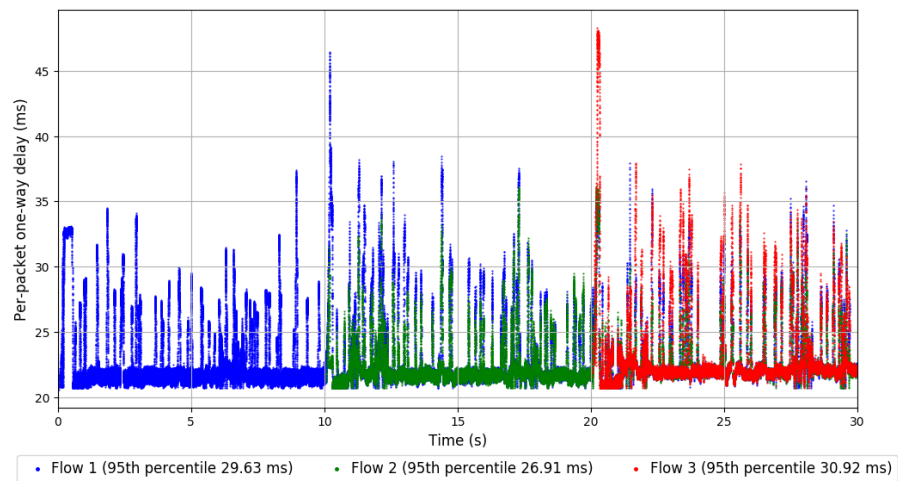
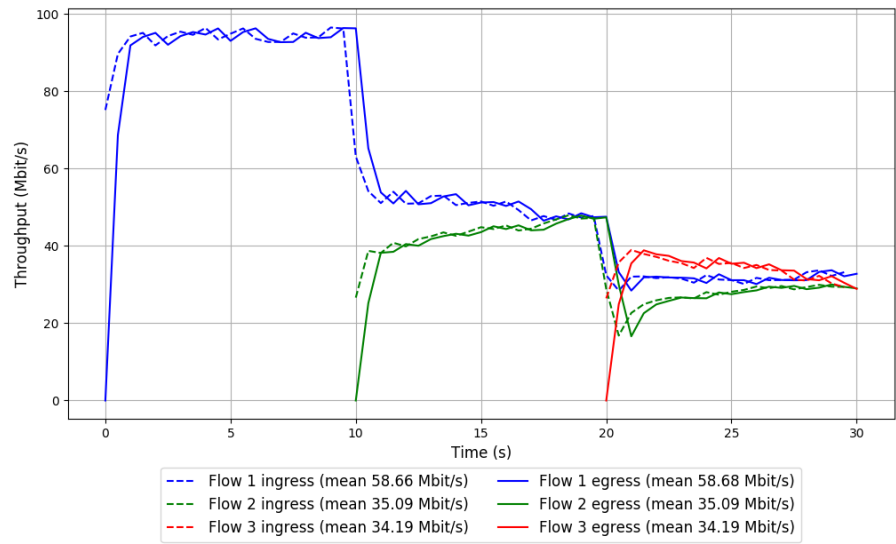


Run 8: Statistics of TCP Vegas

Start at: 2018-08-02 02:49:53
End at: 2018-08-02 02:50:23
Local clock offset: 2.049 ms
Remote clock offset: -8.132 ms

Below is generated by plot.py at 2018-08-02 04:01:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 29.096 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.68 Mbit/s
95th percentile per-packet one-way delay: 29.633 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.09 Mbit/s
95th percentile per-packet one-way delay: 26.905 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 30.921 ms
Loss rate: 0.26%

Run 8: Report of TCP Vegas — Data Link

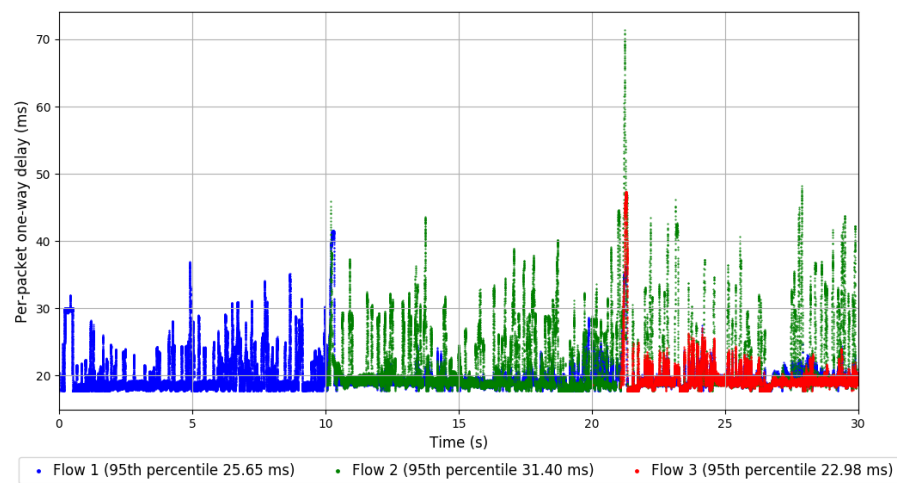
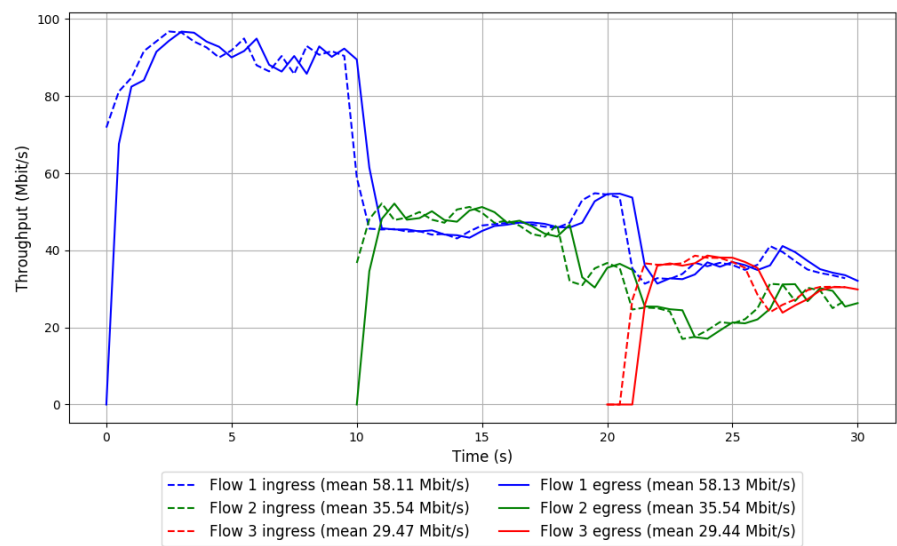


Run 9: Statistics of TCP Vegas

Start at: 2018-08-02 03:10:01
End at: 2018-08-02 03:10:31
Local clock offset: -1.289 ms
Remote clock offset: -7.906 ms

Below is generated by plot.py at 2018-08-02 04:01:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 28.030 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.13 Mbit/s
95th percentile per-packet one-way delay: 25.646 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 31.397 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 22.979 ms
Loss rate: 0.39%

Run 9: Report of TCP Vegas — Data Link

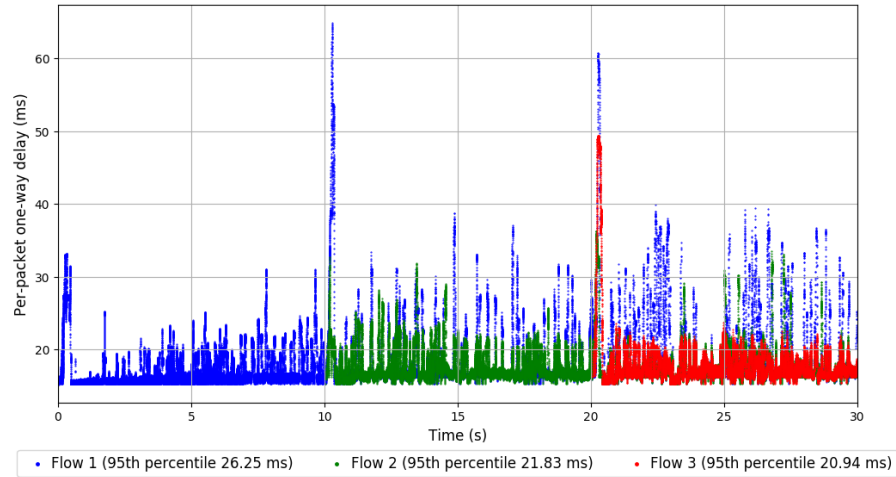
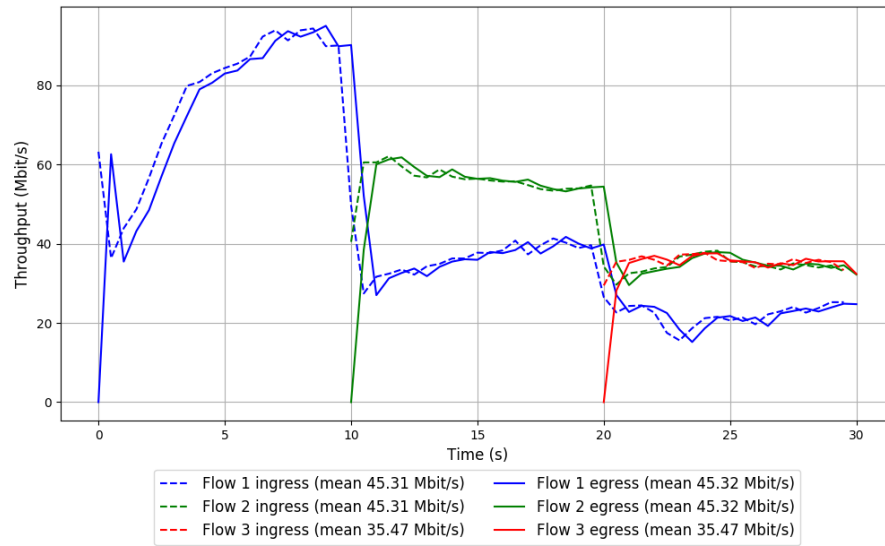


Run 10: Statistics of TCP Vegas

Start at: 2018-08-02 03:30:06
End at: 2018-08-02 03:30:36
Local clock offset: -2.909 ms
Remote clock offset: -7.767 ms

Below is generated by plot.py at 2018-08-02 04:01:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 23.838 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 45.32 Mbit/s
95th percentile per-packet one-way delay: 26.250 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 45.32 Mbit/s
95th percentile per-packet one-way delay: 21.829 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 35.47 Mbit/s
95th percentile per-packet one-way delay: 20.937 ms
Loss rate: 0.30%

Run 10: Report of TCP Vegas — Data Link

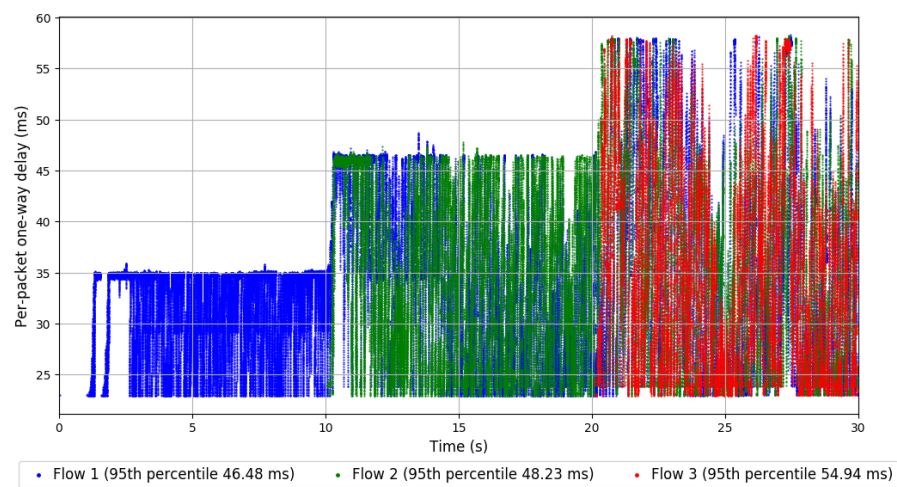
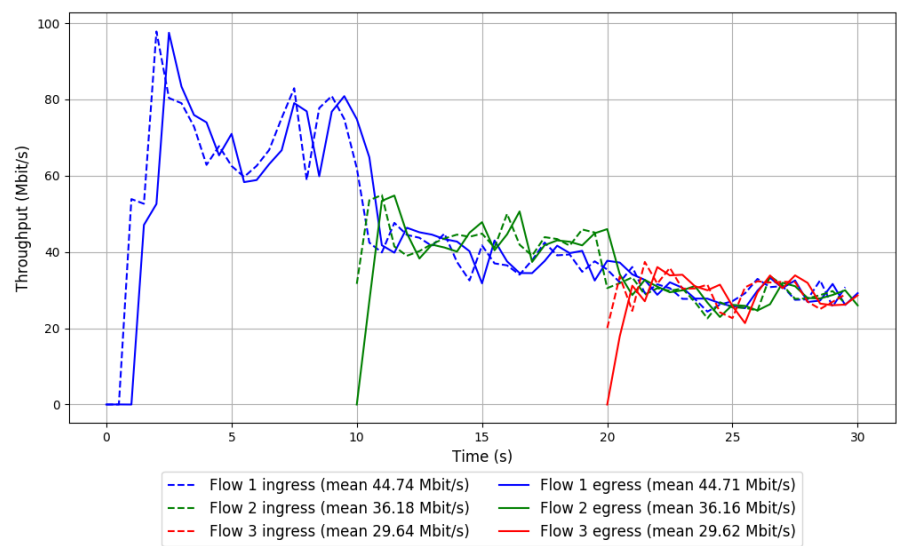


Run 1: Statistics of Verus

Start at: 2018-08-02 00:21:07
End at: 2018-08-02 00:21:37
Local clock offset: -1.858 ms
Remote clock offset: -7.629 ms

Below is generated by plot.py at 2018-08-02 04:01:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.57 Mbit/s
95th percentile per-packet one-way delay: 49.040 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 44.71 Mbit/s
95th percentile per-packet one-way delay: 46.475 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.16 Mbit/s
95th percentile per-packet one-way delay: 48.235 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 54.940 ms
Loss rate: 0.47%

Run 1: Report of Verus — Data Link

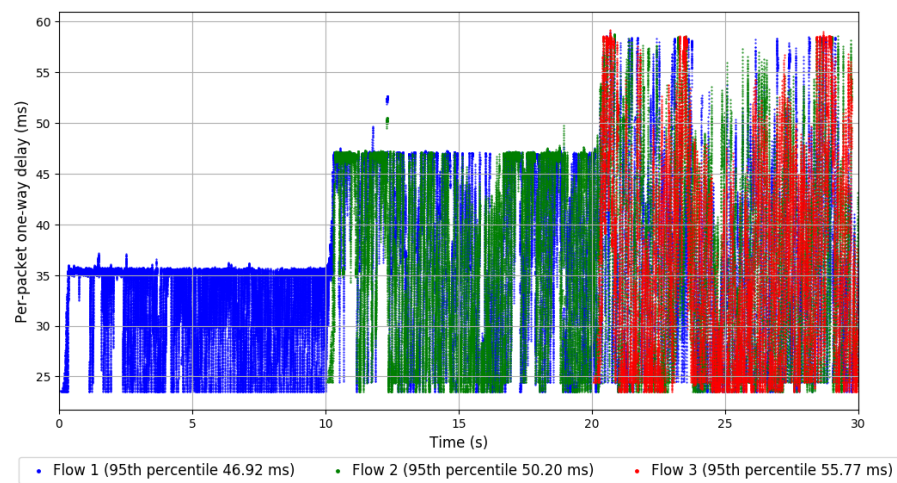
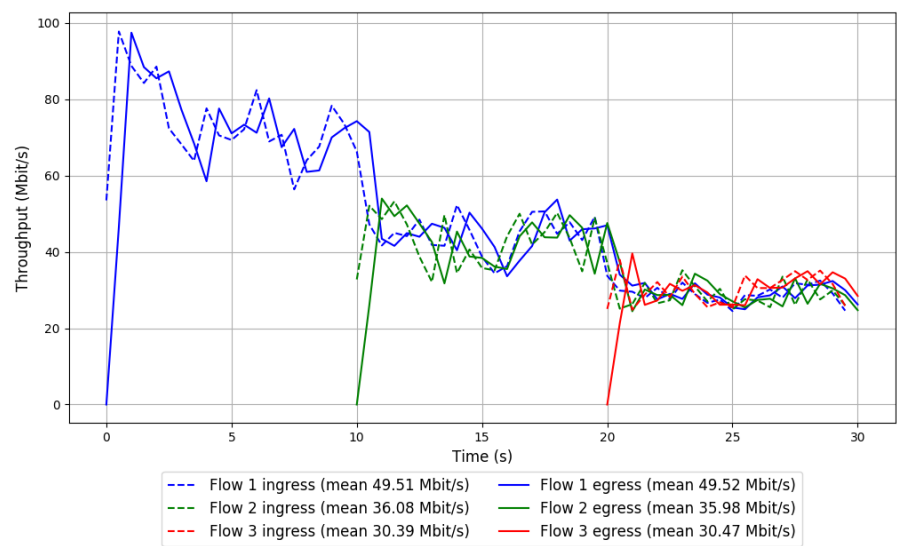


Run 2: Statistics of Verus

Start at: 2018-08-02 00:41:17
End at: 2018-08-02 00:41:47
Local clock offset: 0.24 ms
Remote clock offset: -5.045 ms

Below is generated by plot.py at 2018-08-02 04:01:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.57 Mbit/s
95th percentile per-packet one-way delay: 48.789 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 49.52 Mbit/s
95th percentile per-packet one-way delay: 46.921 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 35.98 Mbit/s
95th percentile per-packet one-way delay: 50.203 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 55.767 ms
Loss rate: 0.09%

Run 2: Report of Verus — Data Link

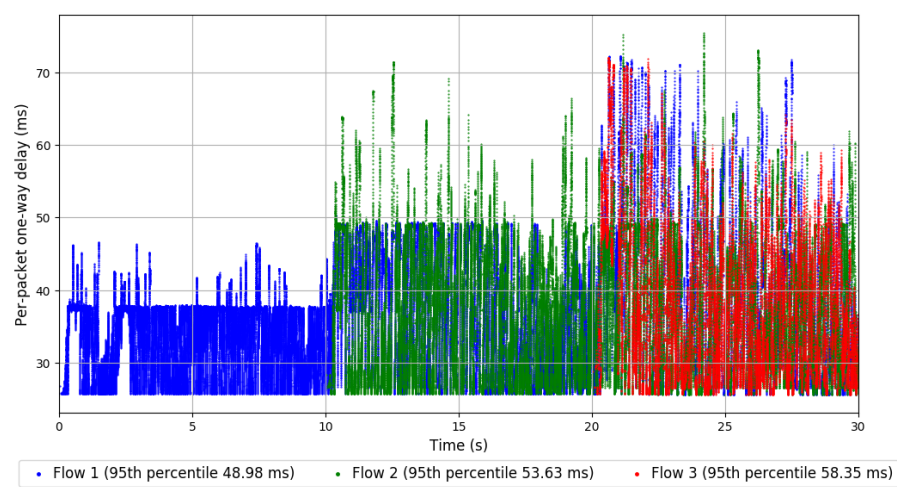
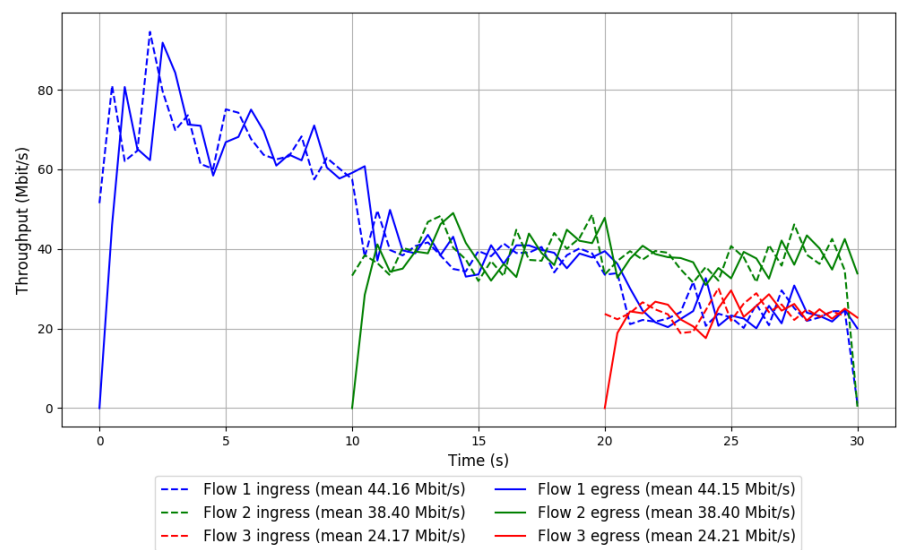


Run 3: Statistics of Verus

Start at: 2018-08-02 01:01:43
End at: 2018-08-02 01:02:13
Local clock offset: 0.35 ms
Remote clock offset: -11.947 ms

Below is generated by plot.py at 2018-08-02 04:01:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.72 Mbit/s
95th percentile per-packet one-way delay: 52.268 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 44.15 Mbit/s
95th percentile per-packet one-way delay: 48.982 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 38.40 Mbit/s
95th percentile per-packet one-way delay: 53.634 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 58.350 ms
Loss rate: 0.50%

Run 3: Report of Verus — Data Link

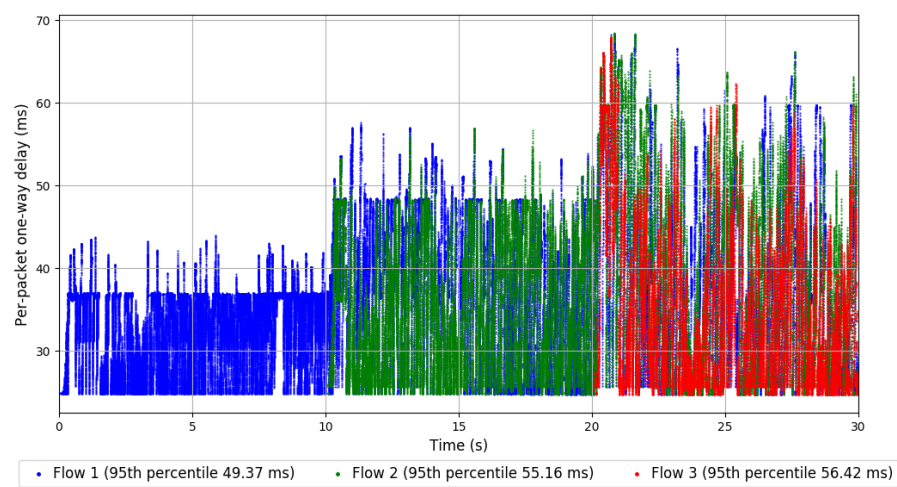
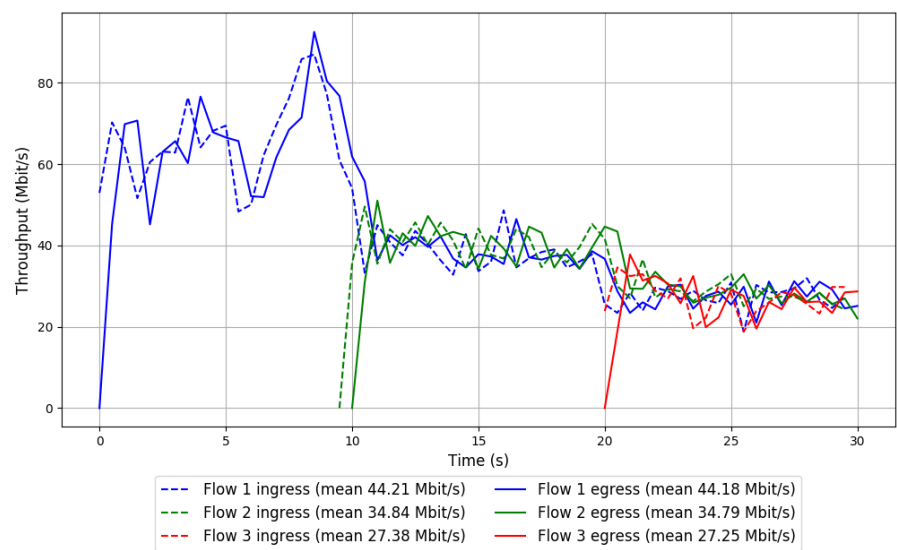


Run 4: Statistics of Verus

Start at: 2018-08-02 01:21:46
End at: 2018-08-02 01:22:16
Local clock offset: 1.035 ms
Remote clock offset: -13.109 ms

Below is generated by plot.py at 2018-08-02 04:01:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.38 Mbit/s
95th percentile per-packet one-way delay: 52.487 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 44.18 Mbit/s
95th percentile per-packet one-way delay: 49.371 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 34.79 Mbit/s
95th percentile per-packet one-way delay: 55.156 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 27.25 Mbit/s
95th percentile per-packet one-way delay: 56.417 ms
Loss rate: 0.78%

Run 4: Report of Verus — Data Link

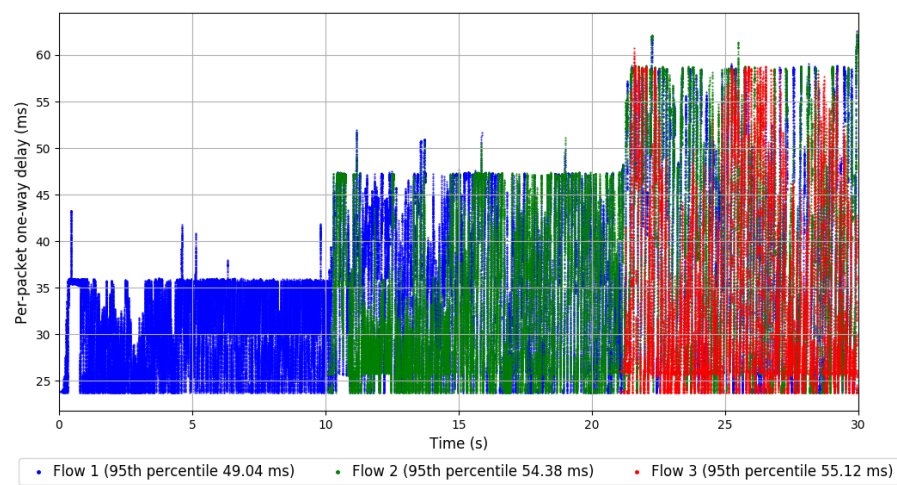
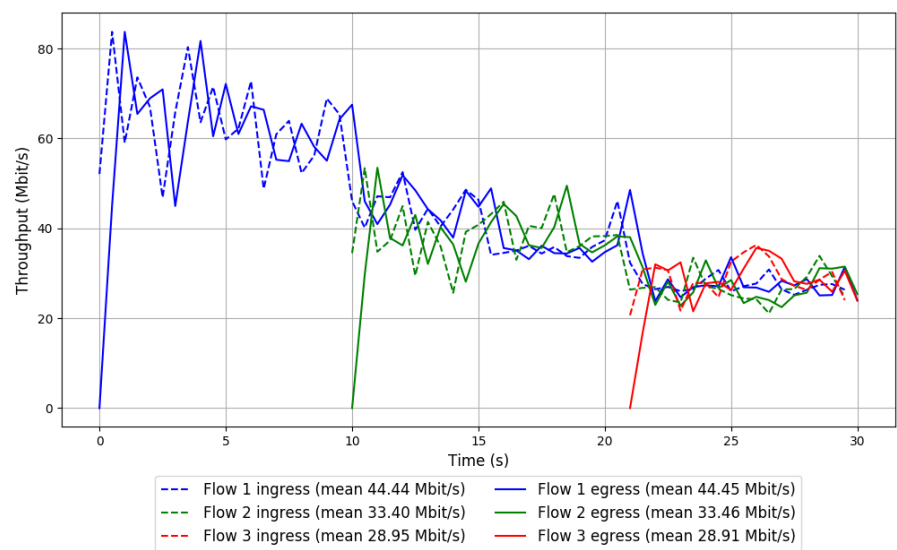


Run 5: Statistics of Verus

Start at: 2018-08-02 01:41:51
End at: 2018-08-02 01:42:21
Local clock offset: -1.687 ms
Remote clock offset: -15.151 ms

Below is generated by plot.py at 2018-08-02 04:01:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.30 Mbit/s
95th percentile per-packet one-way delay: 52.474 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 44.45 Mbit/s
95th percentile per-packet one-way delay: 49.036 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 33.46 Mbit/s
95th percentile per-packet one-way delay: 54.380 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 28.91 Mbit/s
95th percentile per-packet one-way delay: 55.122 ms
Loss rate: 0.53%

Run 5: Report of Verus — Data Link

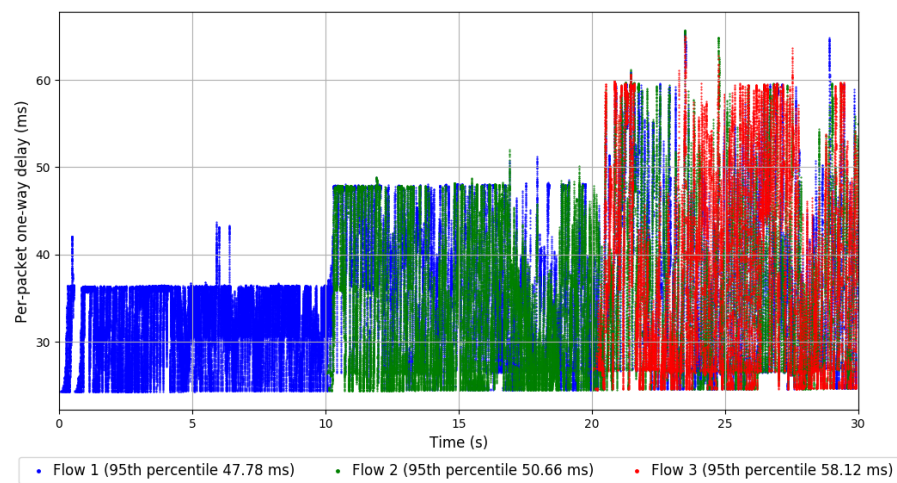
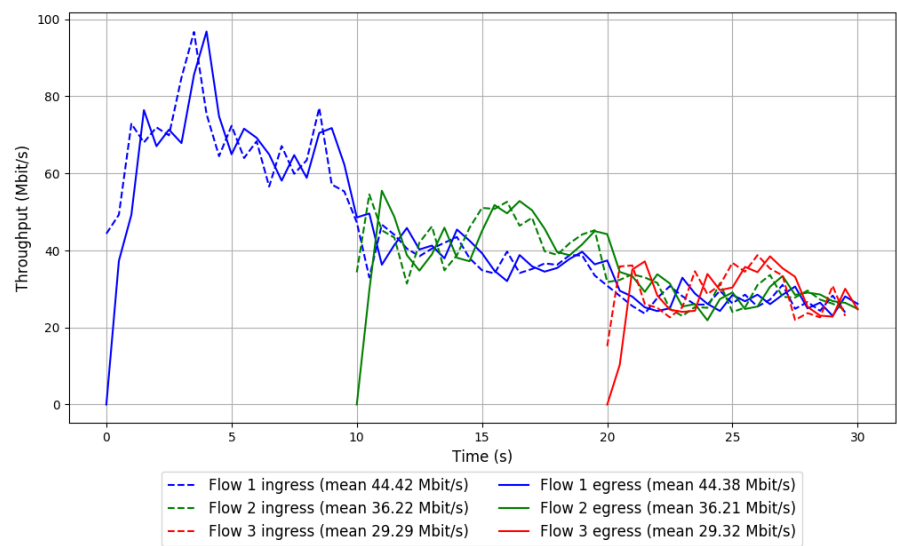


Run 6: Statistics of Verus

Start at: 2018-08-02 02:02:04
End at: 2018-08-02 02:02:34
Local clock offset: 0.762 ms
Remote clock offset: -11.573 ms

Below is generated by plot.py at 2018-08-02 04:01:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 51.509 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 44.38 Mbit/s
95th percentile per-packet one-way delay: 47.780 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.21 Mbit/s
95th percentile per-packet one-way delay: 50.656 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 29.32 Mbit/s
95th percentile per-packet one-way delay: 58.117 ms
Loss rate: 0.10%

Run 6: Report of Verus — Data Link

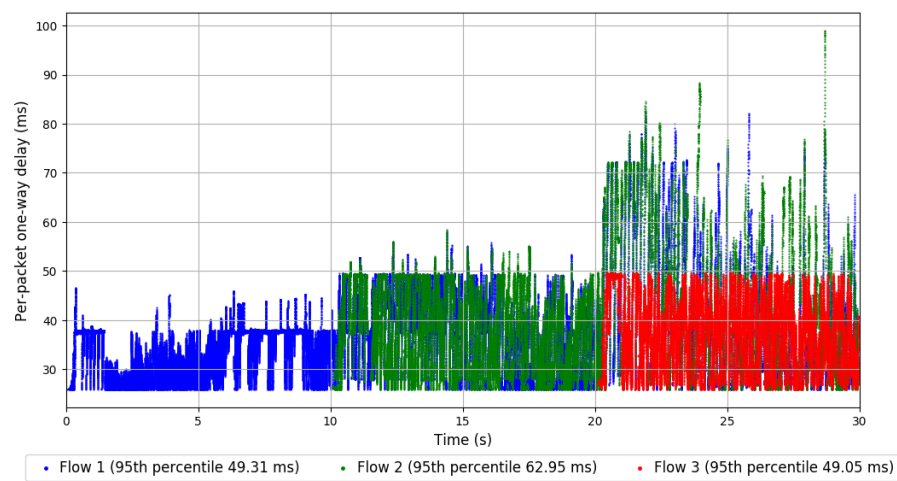
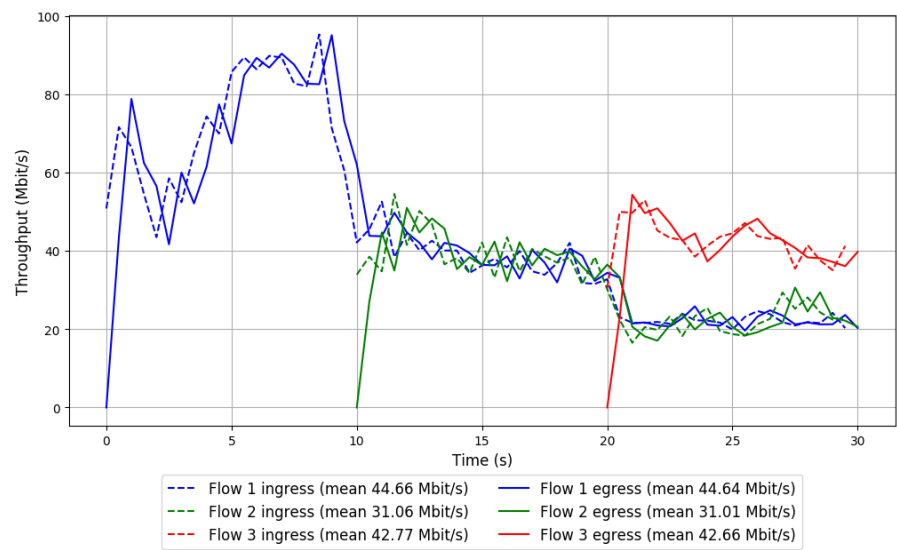


Run 7: Statistics of Verus

Start at: 2018-08-02 02:22:24
End at: 2018-08-02 02:22:54
Local clock offset: 1.222 ms
Remote clock offset: -5.776 ms

Below is generated by plot.py at 2018-08-02 04:02:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.40 Mbit/s
95th percentile per-packet one-way delay: 51.762 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 44.64 Mbit/s
95th percentile per-packet one-way delay: 49.314 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 62.954 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 42.66 Mbit/s
95th percentile per-packet one-way delay: 49.051 ms
Loss rate: 0.58%

Run 7: Report of Verus — Data Link

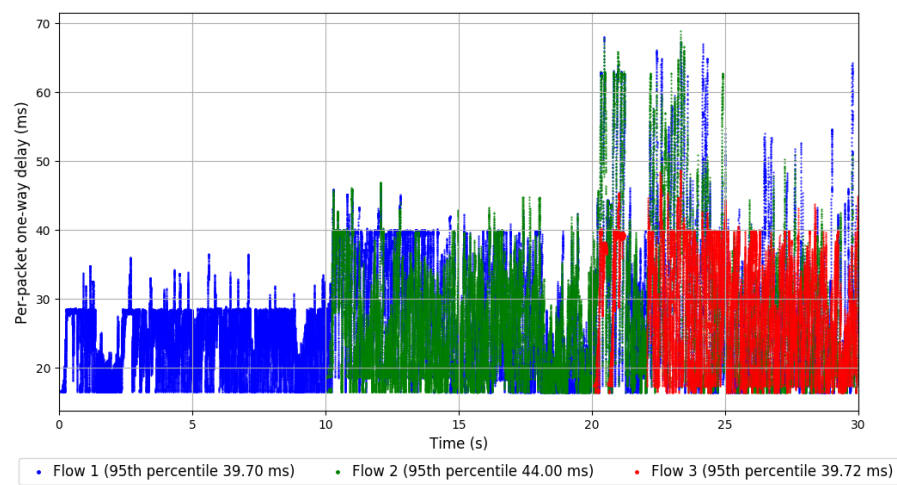
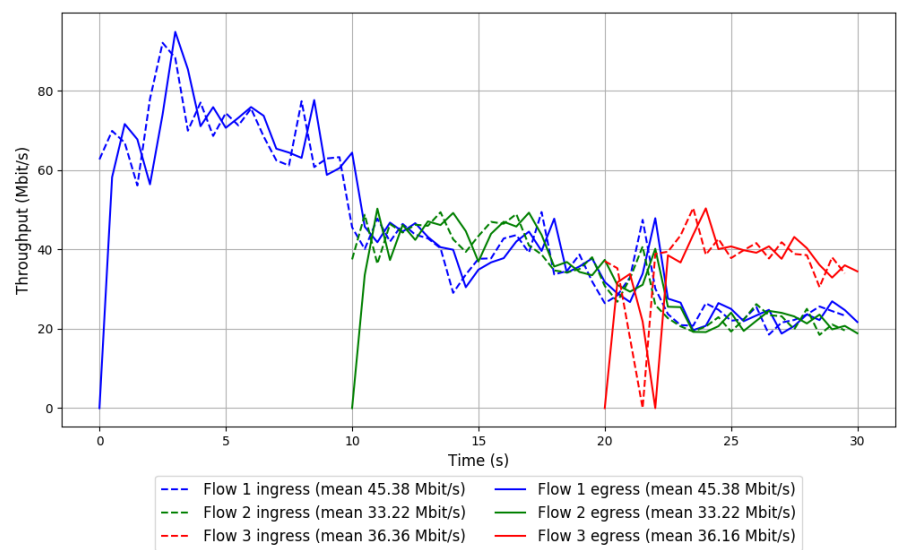


Run 8: Statistics of Verus

Start at: 2018-08-02 02:42:53
End at: 2018-08-02 02:43:23
Local clock offset: -1.818 ms
Remote clock offset: -7.034 ms

Below is generated by plot.py at 2018-08-02 04:02:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.49 Mbit/s
95th percentile per-packet one-way delay: 39.869 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 45.38 Mbit/s
95th percentile per-packet one-way delay: 39.695 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 44.003 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 36.16 Mbit/s
95th percentile per-packet one-way delay: 39.715 ms
Loss rate: 0.60%

Run 8: Report of Verus — Data Link

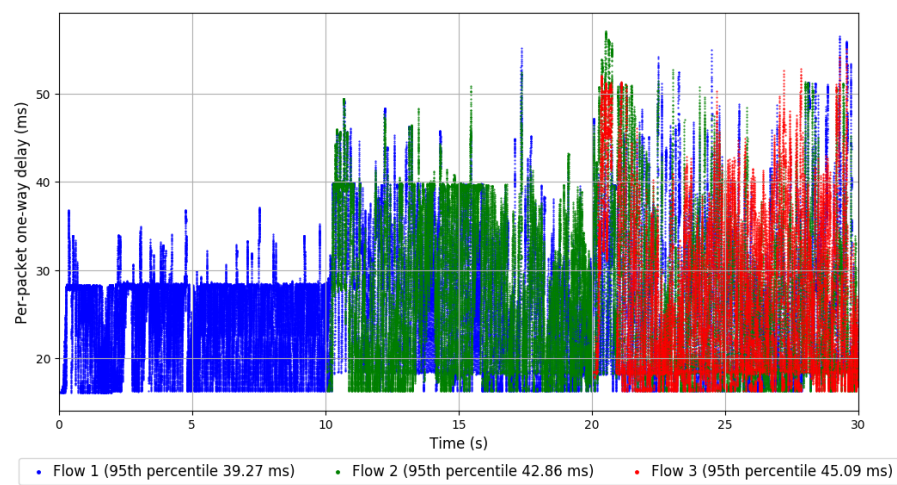
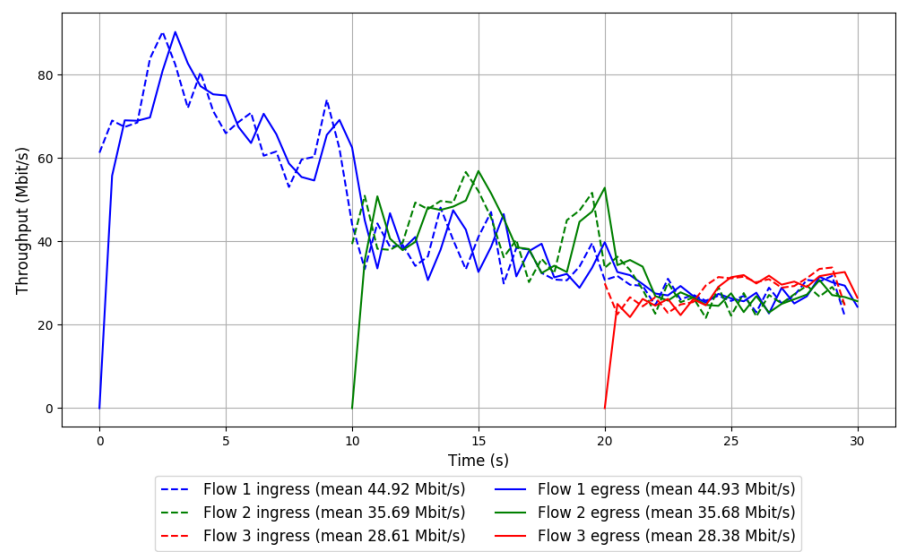


Run 9: Statistics of Verus

Start at: 2018-08-02 03:03:00
End at: 2018-08-02 03:03:30
Local clock offset: -0.552 ms
Remote clock offset: -5.739 ms

Below is generated by plot.py at 2018-08-02 04:02:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.09 Mbit/s
95th percentile per-packet one-way delay: 40.830 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 39.267 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 35.68 Mbit/s
95th percentile per-packet one-way delay: 42.856 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 28.38 Mbit/s
95th percentile per-packet one-way delay: 45.095 ms
Loss rate: 1.06%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-08-02 03:23:01

End at: 2018-08-02 03:23:31

Local clock offset: -2.574 ms

Remote clock offset: -9.38 ms

Below is generated by plot.py at 2018-08-02 04:02:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.11 Mbit/s

95th percentile per-packet one-way delay: 45.584 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 45.17 Mbit/s

95th percentile per-packet one-way delay: 42.223 ms

Loss rate: 0.16%

-- Flow 2:

Average throughput: 34.30 Mbit/s

95th percentile per-packet one-way delay: 46.361 ms

Loss rate: 0.13%

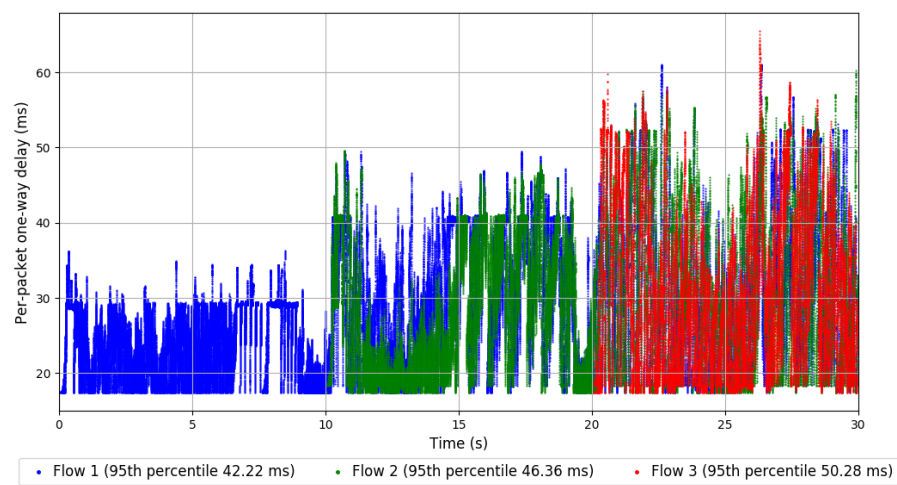
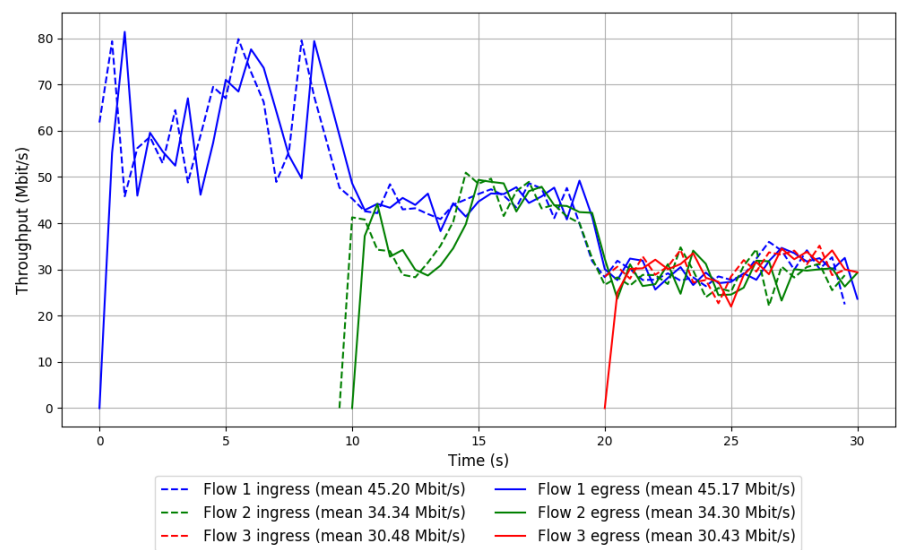
-- Flow 3:

Average throughput: 30.43 Mbit/s

95th percentile per-packet one-way delay: 50.281 ms

Loss rate: 0.41%

Run 10: Report of Verus — Data Link

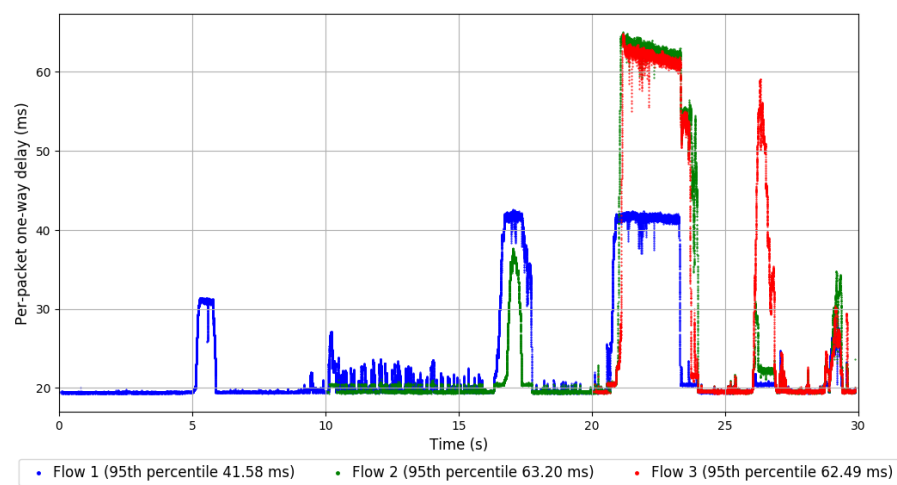
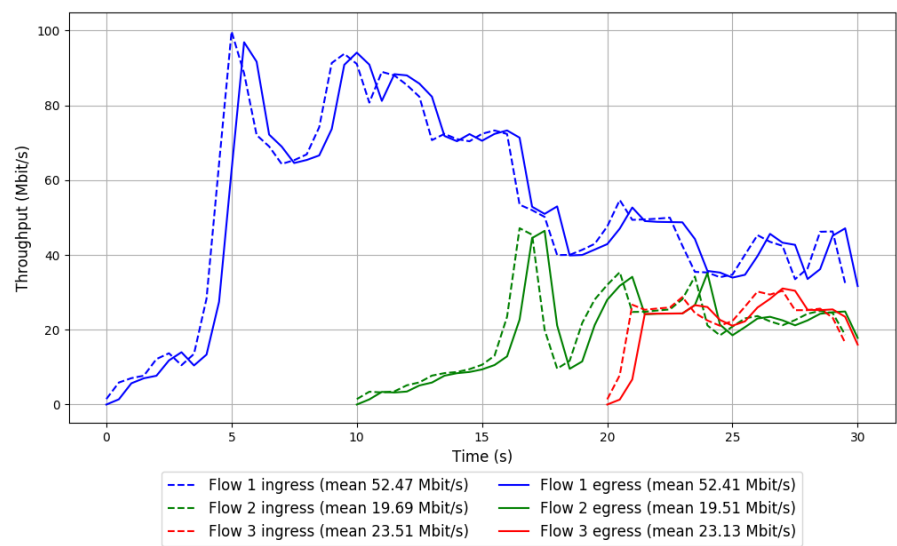


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-02 00:15:14
End at: 2018-08-02 00:15:44
Local clock offset: -2.657 ms
Remote clock offset: -5.531 ms

Below is generated by plot.py at 2018-08-02 04:02:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.00 Mbit/s
95th percentile per-packet one-way delay: 55.408 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 52.41 Mbit/s
95th percentile per-packet one-way delay: 41.579 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 19.51 Mbit/s
95th percentile per-packet one-way delay: 63.202 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 23.13 Mbit/s
95th percentile per-packet one-way delay: 62.490 ms
Loss rate: 1.95%

Run 1: Report of PCC-Vivace — Data Link

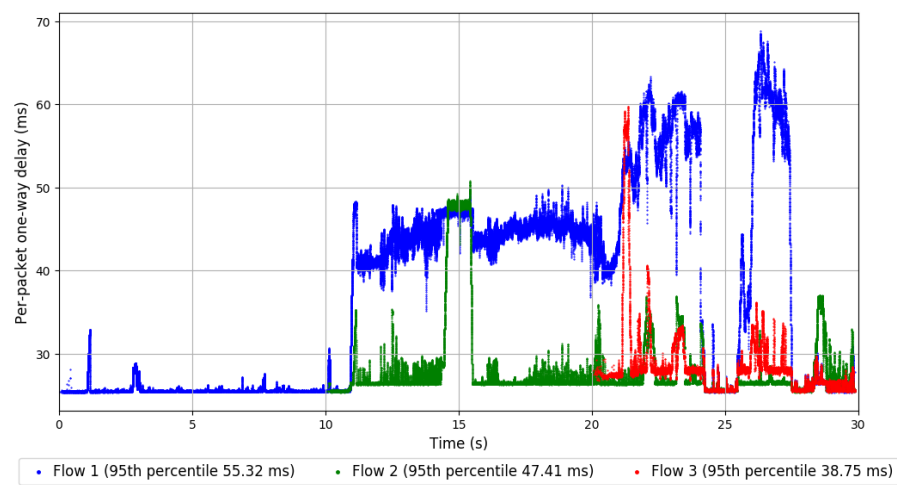
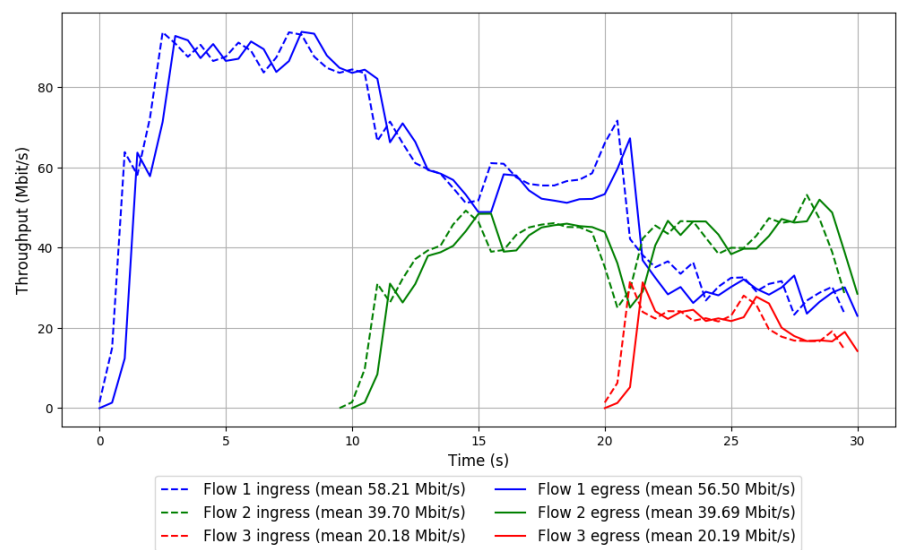


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-02 00:35:23
End at: 2018-08-02 00:35:53
Local clock offset: 0.609 ms
Remote clock offset: -6.943 ms

Below is generated by plot.py at 2018-08-02 04:02:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 49.046 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 56.50 Mbit/s
95th percentile per-packet one-way delay: 55.321 ms
Loss rate: 3.03%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 47.409 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 20.19 Mbit/s
95th percentile per-packet one-way delay: 38.751 ms
Loss rate: 0.36%

Run 2: Report of PCC-Vivace — Data Link

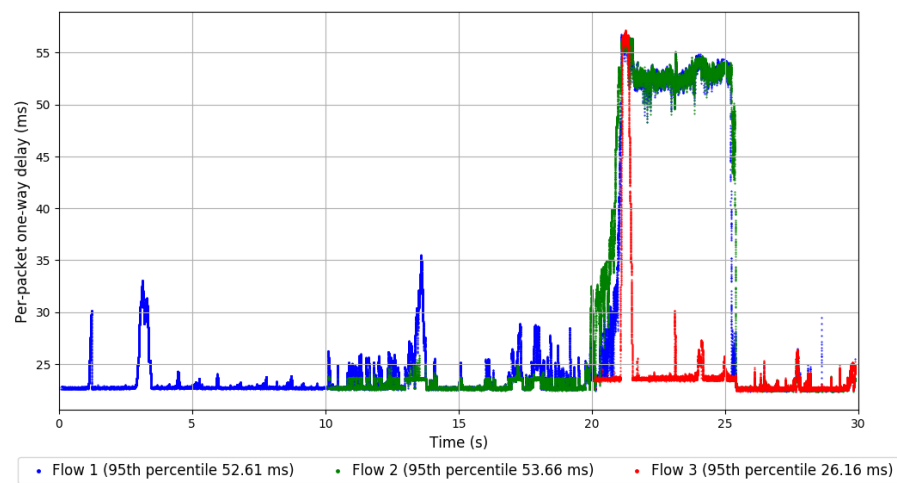
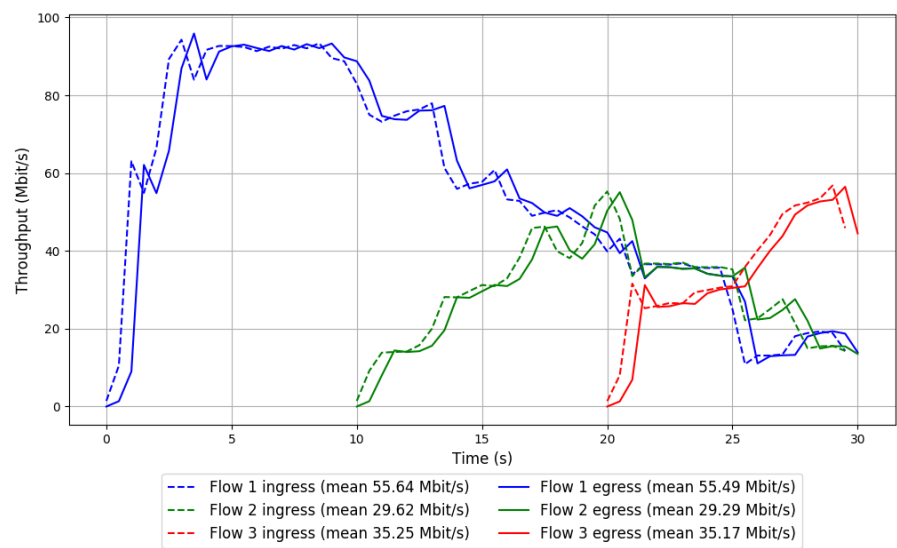


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-02 00:55:50
End at: 2018-08-02 00:56:20
Local clock offset: -0.965 ms
Remote clock offset: -8.064 ms

Below is generated by plot.py at 2018-08-02 04:03:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.55 Mbit/s
95th percentile per-packet one-way delay: 52.951 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 55.49 Mbit/s
95th percentile per-packet one-way delay: 52.612 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 53.662 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 35.17 Mbit/s
95th percentile per-packet one-way delay: 26.160 ms
Loss rate: 0.61%

Run 3: Report of PCC-Vivace — Data Link

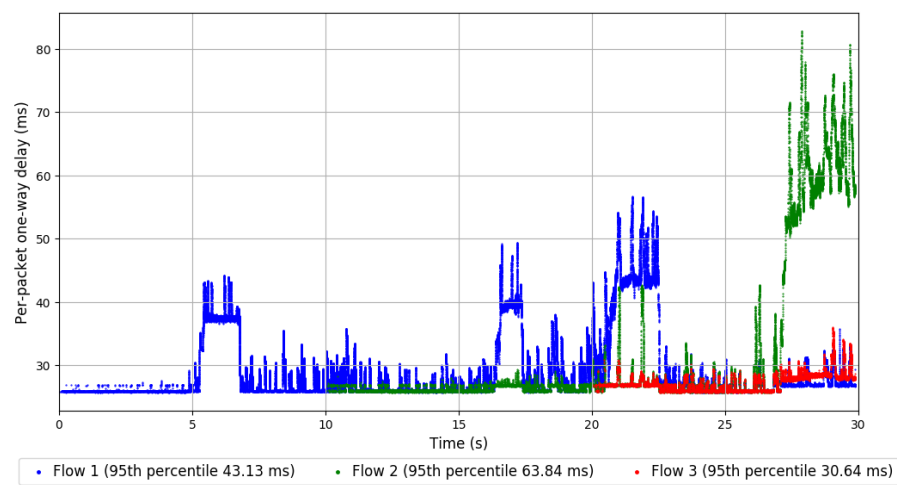
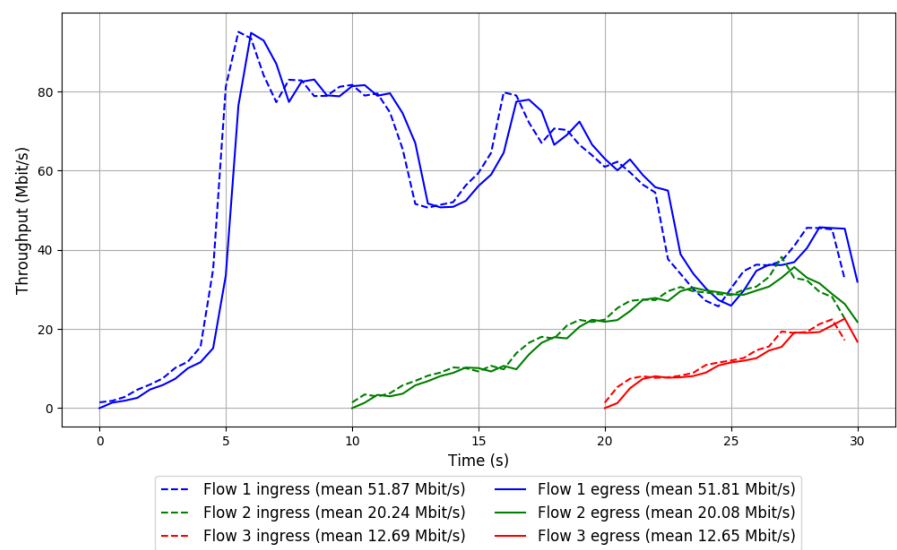


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-02 01:15:59
End at: 2018-08-02 01:16:29
Local clock offset: 0.326 ms
Remote clock offset: -14.435 ms

Below is generated by plot.py at 2018-08-02 04:03:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.33 Mbit/s
95th percentile per-packet one-way delay: 45.937 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 51.81 Mbit/s
95th percentile per-packet one-way delay: 43.130 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 20.08 Mbit/s
95th percentile per-packet one-way delay: 63.841 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 30.644 ms
Loss rate: 0.64%

Run 4: Report of PCC-Vivace — Data Link

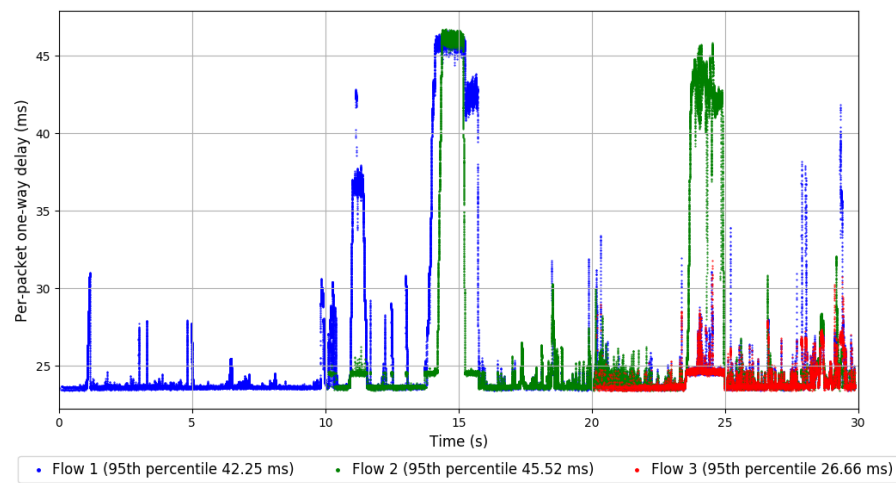
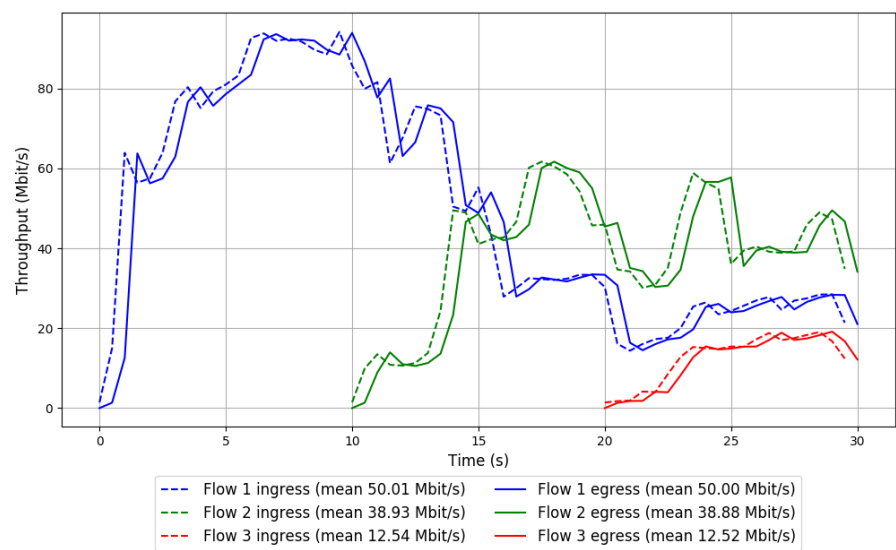


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-02 01:35:58
End at: 2018-08-02 01:36:28
Local clock offset: 0.432 ms
Remote clock offset: -12.811 ms

Below is generated by plot.py at 2018-08-02 04:03:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.97 Mbit/s
95th percentile per-packet one-way delay: 43.289 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 42.246 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 38.88 Mbit/s
95th percentile per-packet one-way delay: 45.519 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 26.658 ms
Loss rate: 0.44%

Run 5: Report of PCC-Vivace — Data Link

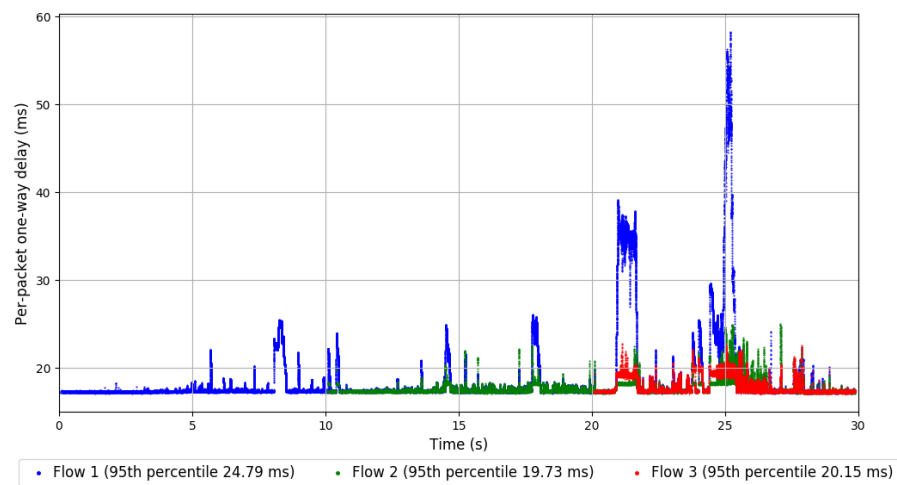
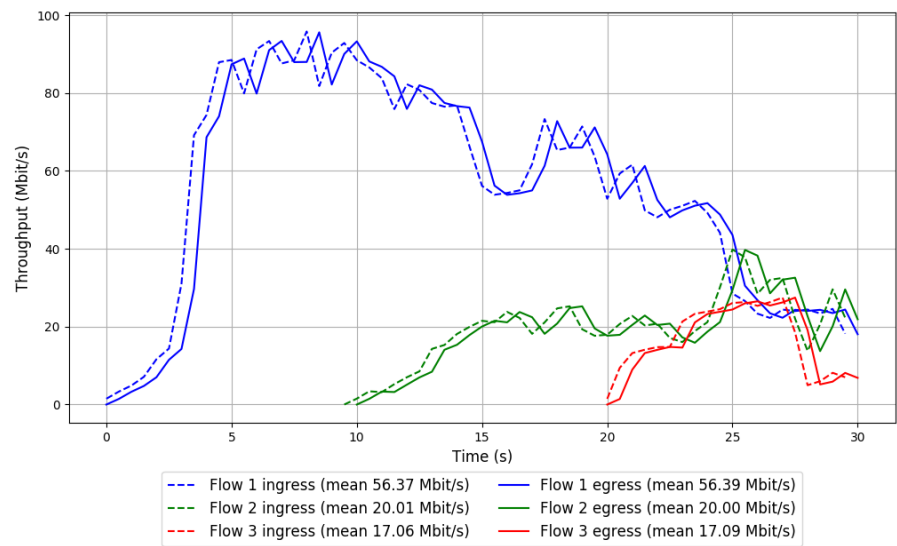


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-02 01:56:08
End at: 2018-08-02 01:56:38
Local clock offset: -1.768 ms
Remote clock offset: -15.525 ms

Below is generated by plot.py at 2018-08-02 04:03:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.33 Mbit/s
95th percentile per-packet one-way delay: 23.287 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 24.790 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 20.00 Mbit/s
95th percentile per-packet one-way delay: 19.731 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 17.09 Mbit/s
95th percentile per-packet one-way delay: 20.154 ms
Loss rate: 0.14%

Run 6: Report of PCC-Vivace — Data Link

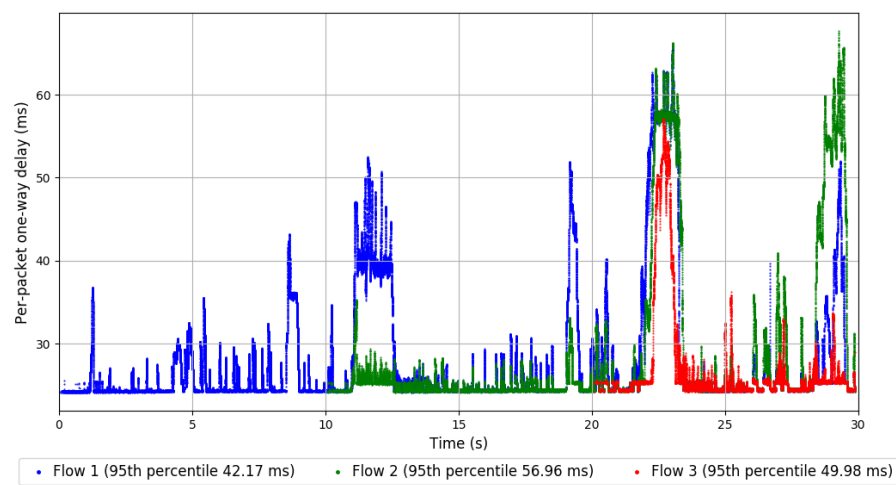
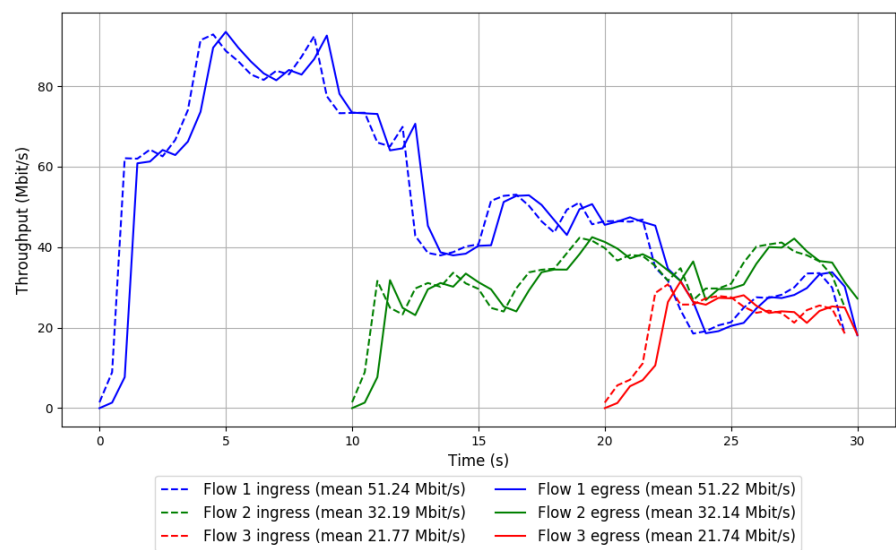


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-02 02:16:37
End at: 2018-08-02 02:17:07
Local clock offset: -0.433 ms
Remote clock offset: -6.781 ms

Below is generated by plot.py at 2018-08-02 04:03:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.74 Mbit/s
95th percentile per-packet one-way delay: 48.159 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 51.22 Mbit/s
95th percentile per-packet one-way delay: 42.171 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 56.962 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 21.74 Mbit/s
95th percentile per-packet one-way delay: 49.977 ms
Loss rate: 0.46%

Run 7: Report of PCC-Vivace — Data Link

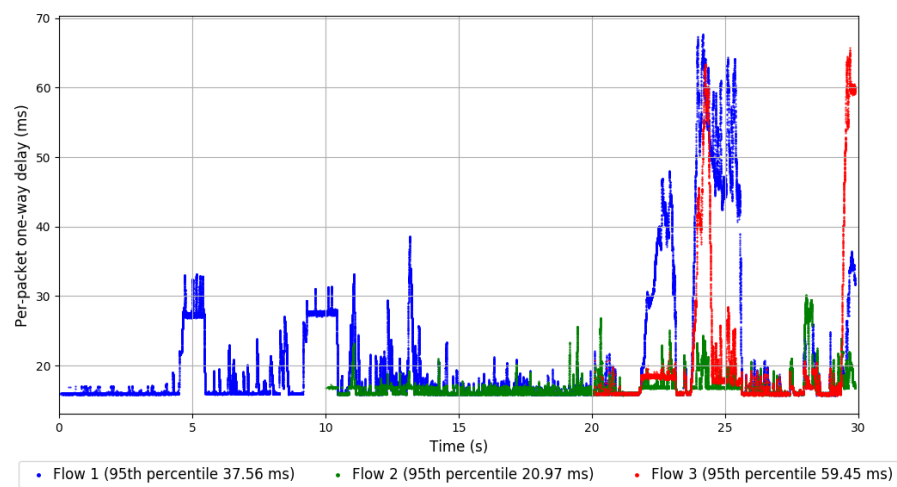
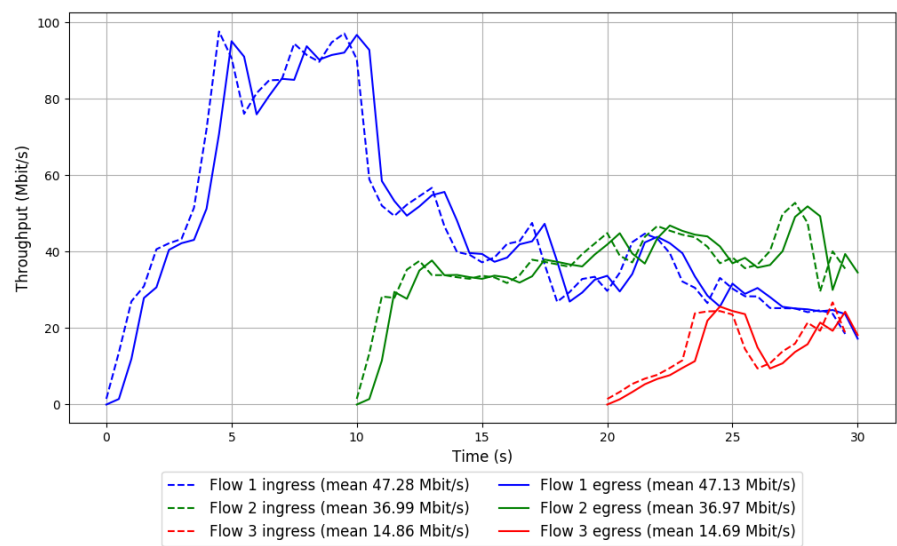


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-02 02:36:51
End at: 2018-08-02 02:37:21
Local clock offset: -0.906 ms
Remote clock offset: -4.427 ms

Below is generated by plot.py at 2018-08-02 04:03:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.56 Mbit/s
95th percentile per-packet one-way delay: 32.336 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 47.13 Mbit/s
95th percentile per-packet one-way delay: 37.560 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 36.97 Mbit/s
95th percentile per-packet one-way delay: 20.970 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 14.69 Mbit/s
95th percentile per-packet one-way delay: 59.445 ms
Loss rate: 1.39%

Run 8: Report of PCC-Vivace — Data Link

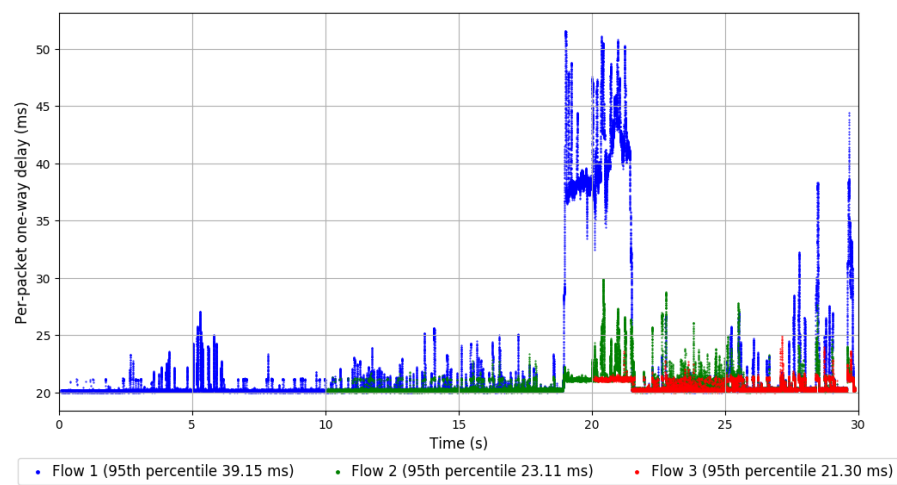
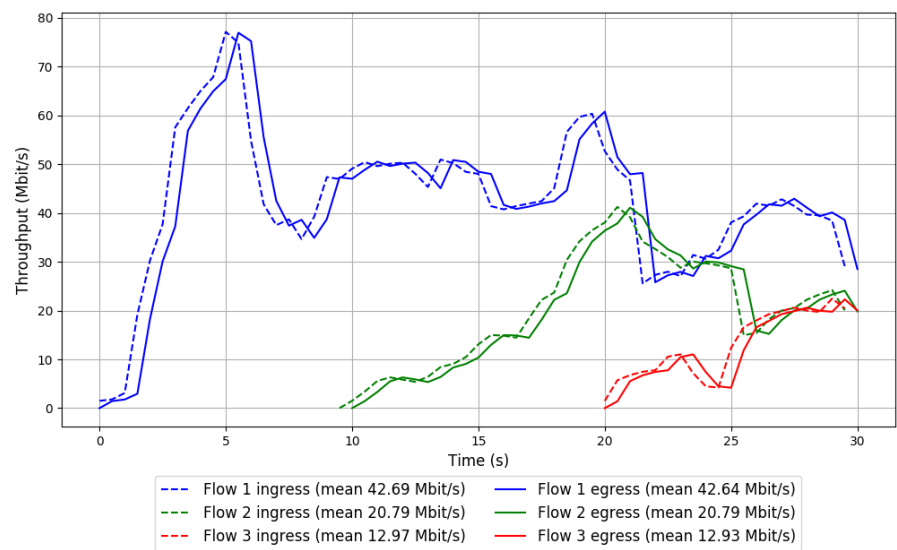


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-02 02:57:06
End at: 2018-08-02 02:57:36
Local clock offset: 1.696 ms
Remote clock offset: -7.874 ms

Below is generated by plot.py at 2018-08-02 04:03:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 38.237 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 42.64 Mbit/s
95th percentile per-packet one-way delay: 39.152 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 20.79 Mbit/s
95th percentile per-packet one-way delay: 23.112 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 12.93 Mbit/s
95th percentile per-packet one-way delay: 21.305 ms
Loss rate: 0.56%

Run 9: Report of PCC-Vivace — Data Link

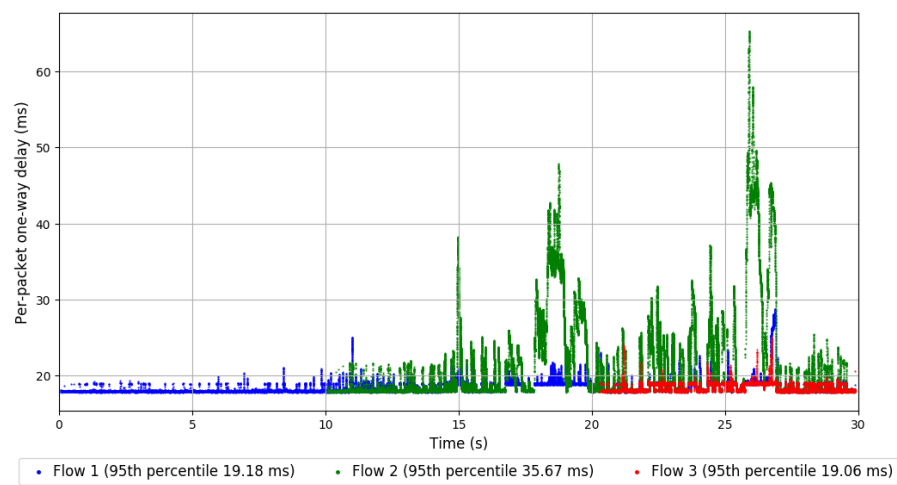
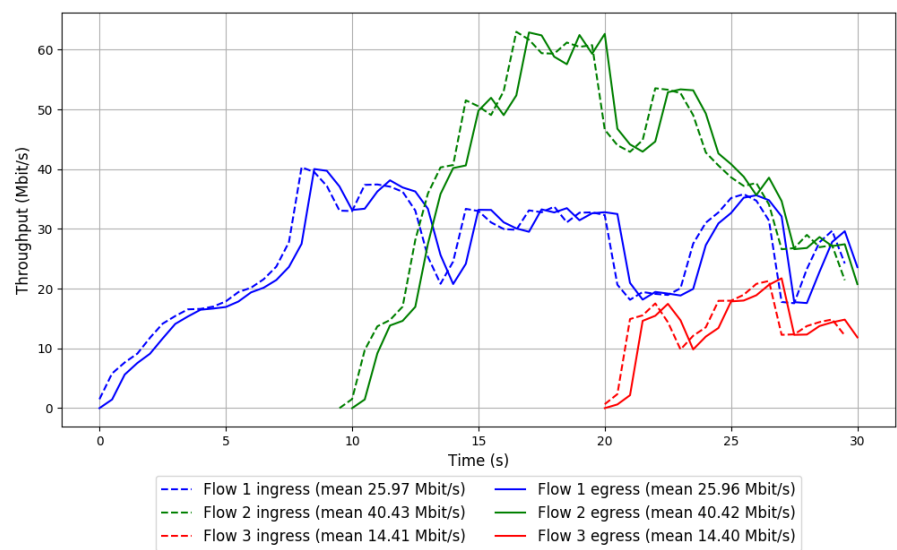


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-02 03:17:15
End at: 2018-08-02 03:17:45
Local clock offset: -2.709 ms
Remote clock offset: -9.992 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.47 Mbit/s
95th percentile per-packet one-way delay: 29.932 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 25.96 Mbit/s
95th percentile per-packet one-way delay: 19.177 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 35.671 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 14.40 Mbit/s
95th percentile per-packet one-way delay: 19.064 ms
Loss rate: 0.31%

Run 10: Report of PCC-Vivace — Data Link

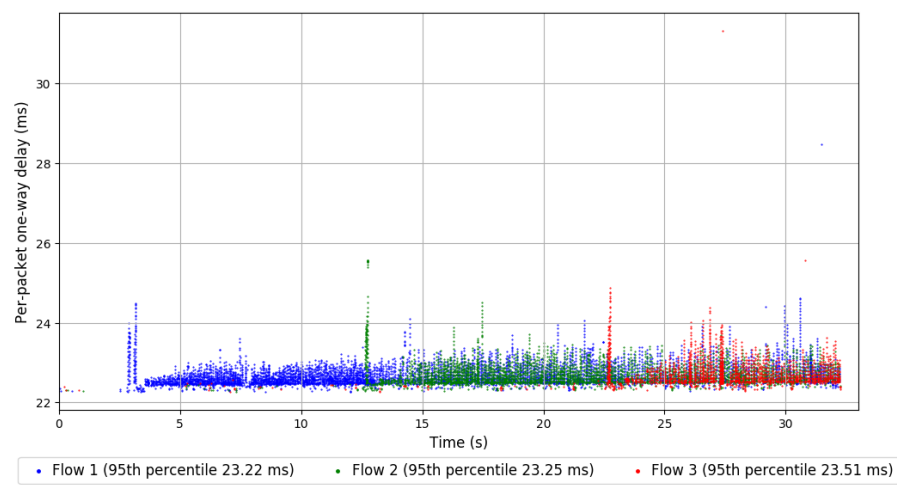
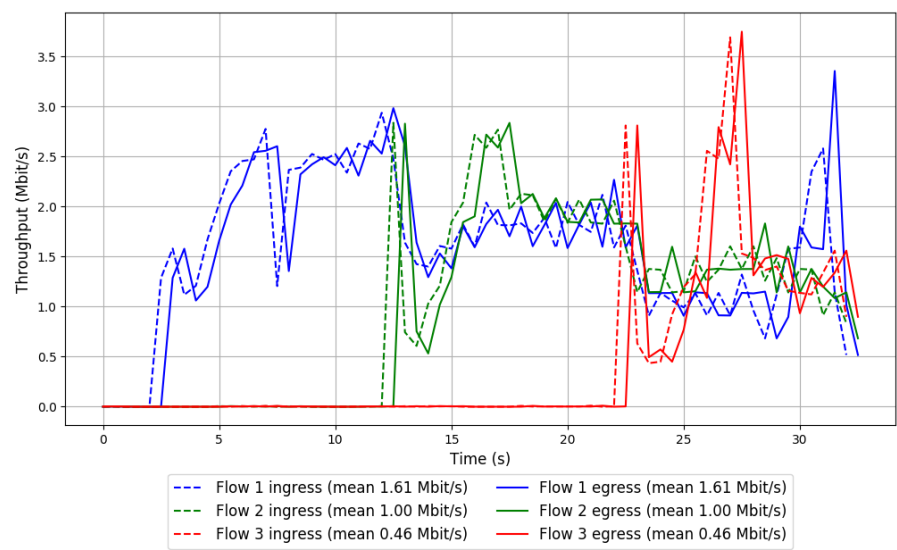


Run 1: Statistics of WebRTC media

Start at: 2018-08-02 00:20:02
End at: 2018-08-02 00:20:32
Local clock offset: -0.946 ms
Remote clock offset: -6.342 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.06 Mbit/s
95th percentile per-packet one-way delay: 23.279 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 1.61 Mbit/s
95th percentile per-packet one-way delay: 23.222 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 23.248 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 23.513 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

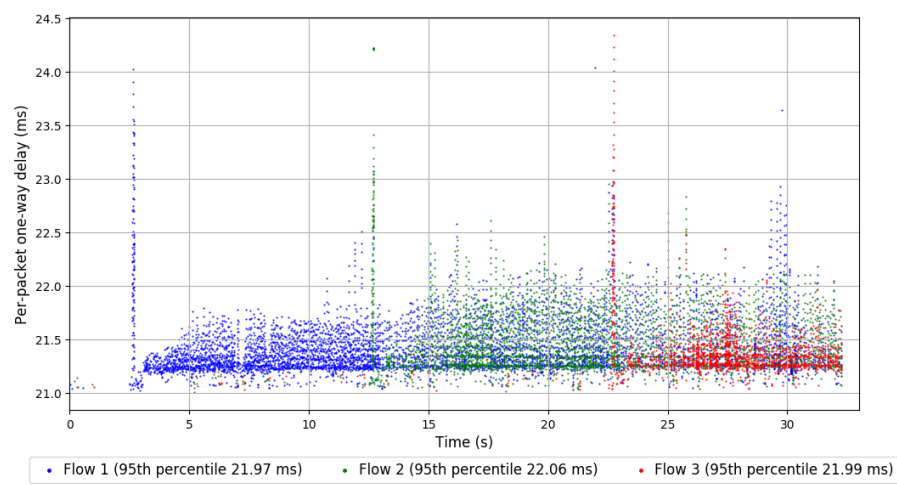
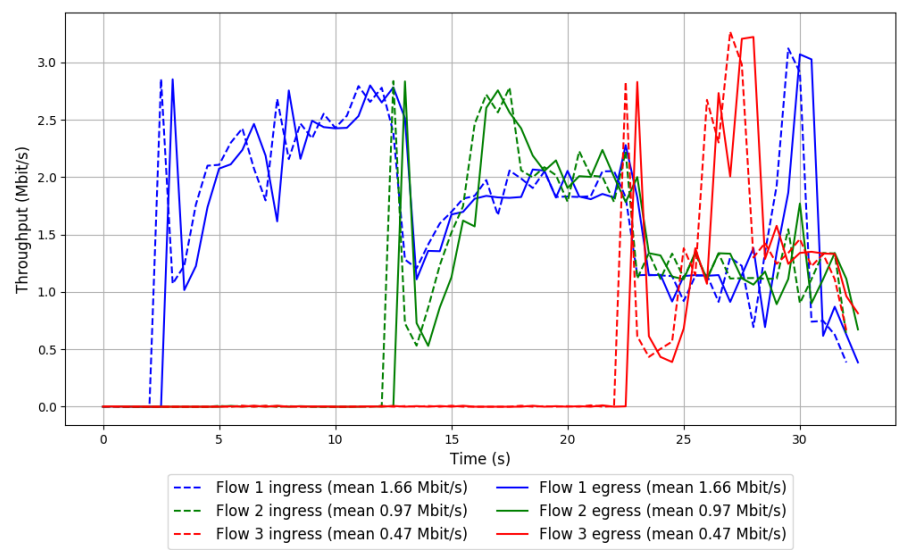


Run 2: Statistics of WebRTC media

Start at: 2018-08-02 00:40:12
End at: 2018-08-02 00:40:42
Local clock offset: -2.808 ms
Remote clock offset: -5.821 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 22.009 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 21.972 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 22.061 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 21.989 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

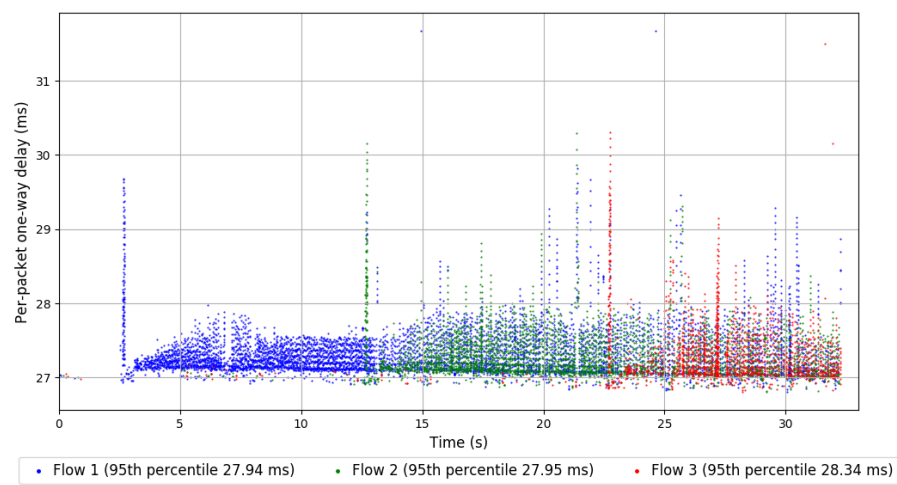
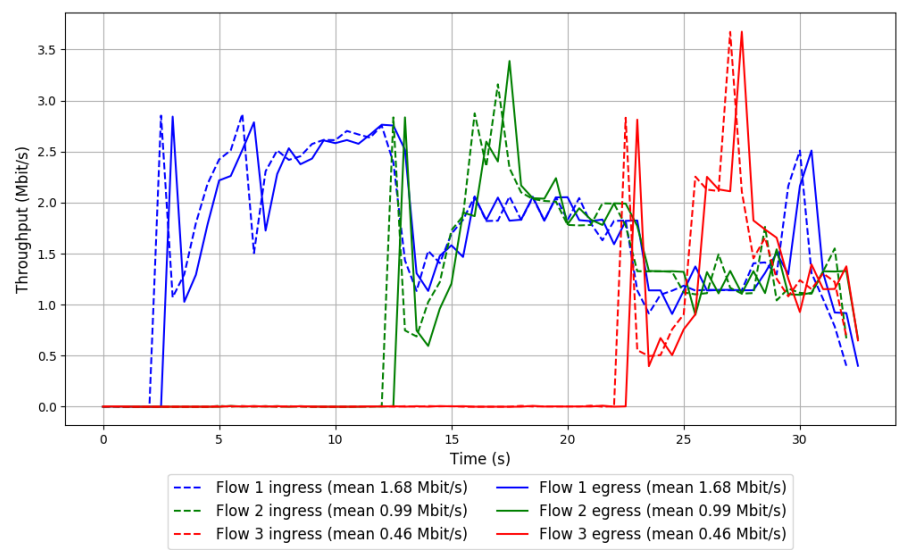


Run 3: Statistics of WebRTC media

Start at: 2018-08-02 01:00:37
End at: 2018-08-02 01:01:07
Local clock offset: 1.524 ms
Remote clock offset: -11.792 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.11 Mbit/s
95th percentile per-packet one-way delay: 28.009 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 1.68 Mbit/s
95th percentile per-packet one-way delay: 27.937 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 27.945 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 28.343 ms
Loss rate: 0.13%

Run 3: Report of WebRTC media — Data Link

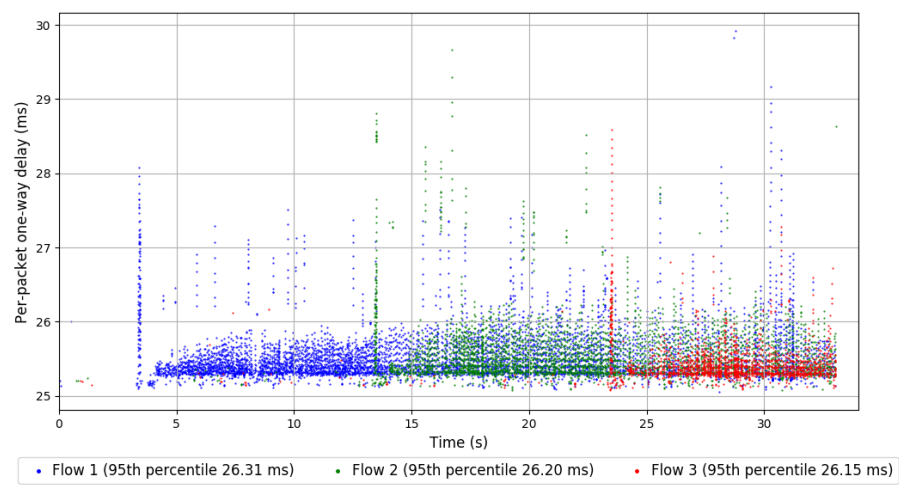
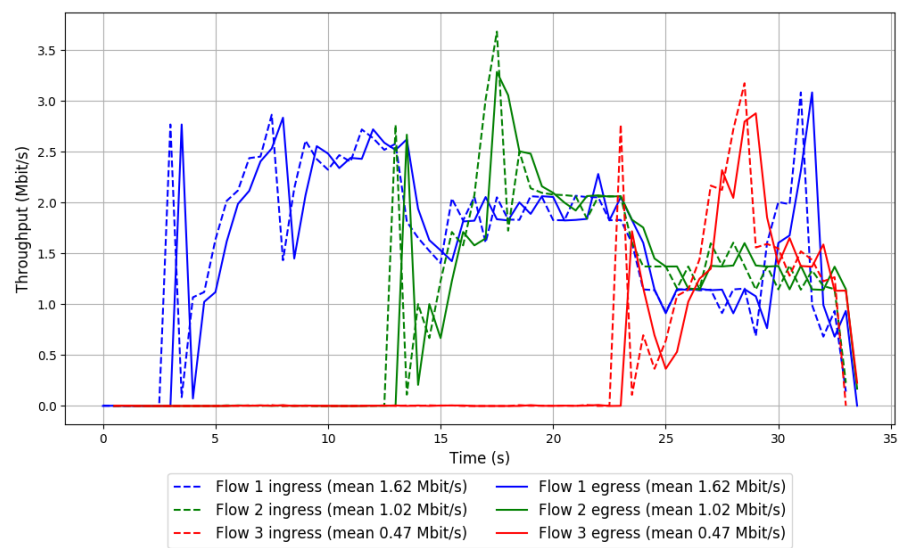


Run 4: Statistics of WebRTC media

Start at: 2018-08-02 01:20:41
End at: 2018-08-02 01:21:11
Local clock offset: 0.108 ms
Remote clock offset: -14.459 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 26.260 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 26.309 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 26.200 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 26.149 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

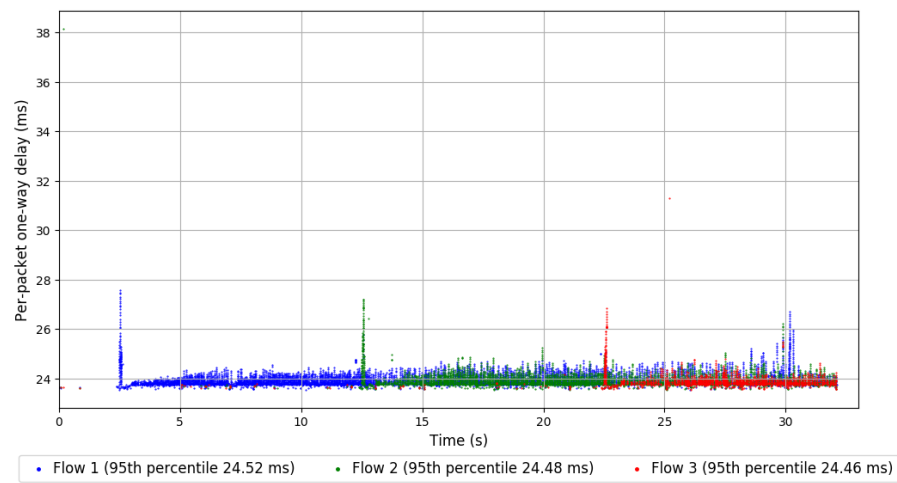
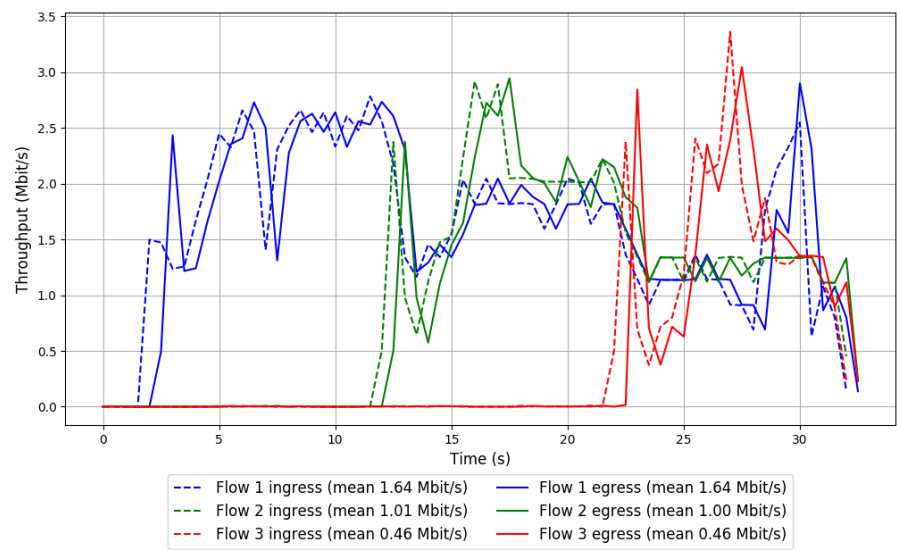


Run 5: Statistics of WebRTC media

Start at: 2018-08-02 01:40:46
End at: 2018-08-02 01:41:16
Local clock offset: -1.108 ms
Remote clock offset: -14.522 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 24.500 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 24.515 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 24.476 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 24.461 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

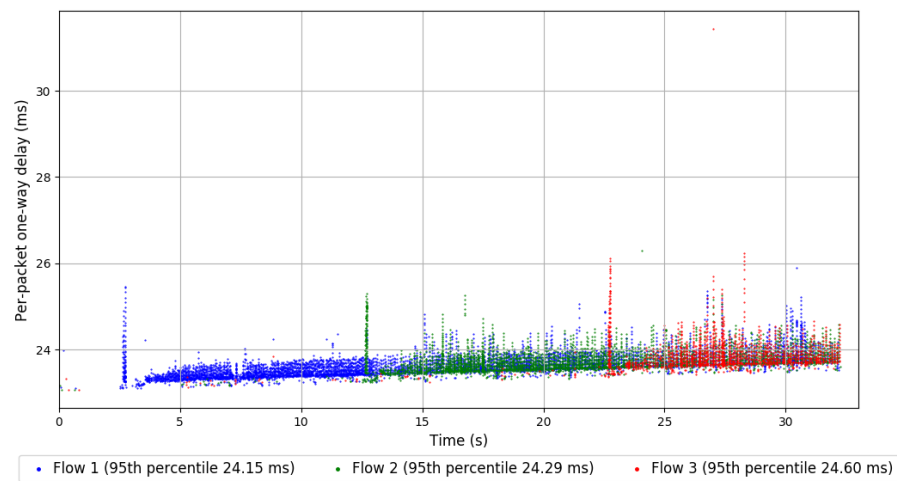
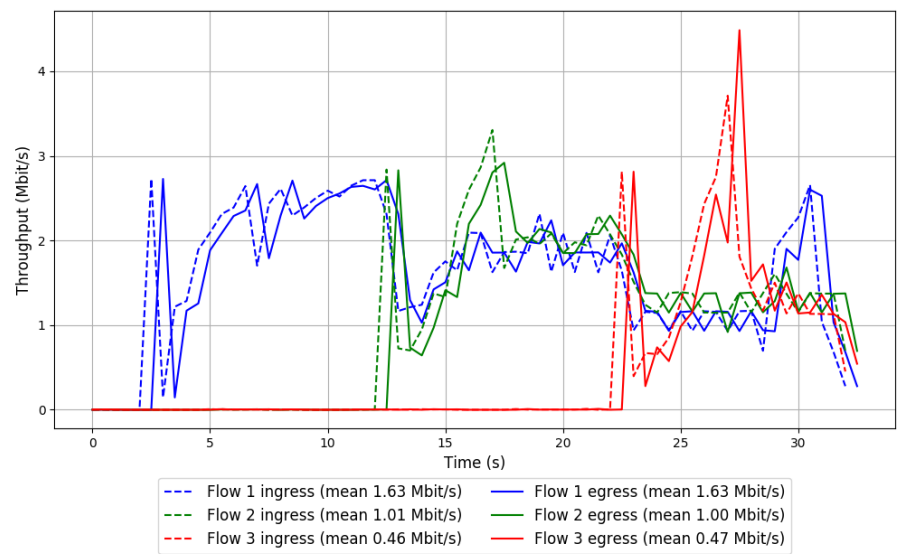


Run 6: Statistics of WebRTC media

Start at: 2018-08-02 02:00:54
End at: 2018-08-02 02:01:24
Local clock offset: 0.141 ms
Remote clock offset: -12.186 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 24.296 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.63 Mbit/s
95th percentile per-packet one-way delay: 24.151 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 24.292 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 24.597 ms
Loss rate: 0.01%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-08-02 02:21:19

End at: 2018-08-02 02:21:49

Local clock offset: 1.594 ms

Remote clock offset: -3.36 ms

Below is generated by plot.py at 2018-08-02 04:03:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.13 Mbit/s

95th percentile per-packet one-way delay: 24.640 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 1.66 Mbit/s

95th percentile per-packet one-way delay: 24.529 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.03 Mbit/s

95th percentile per-packet one-way delay: 24.603 ms

Loss rate: 0.03%

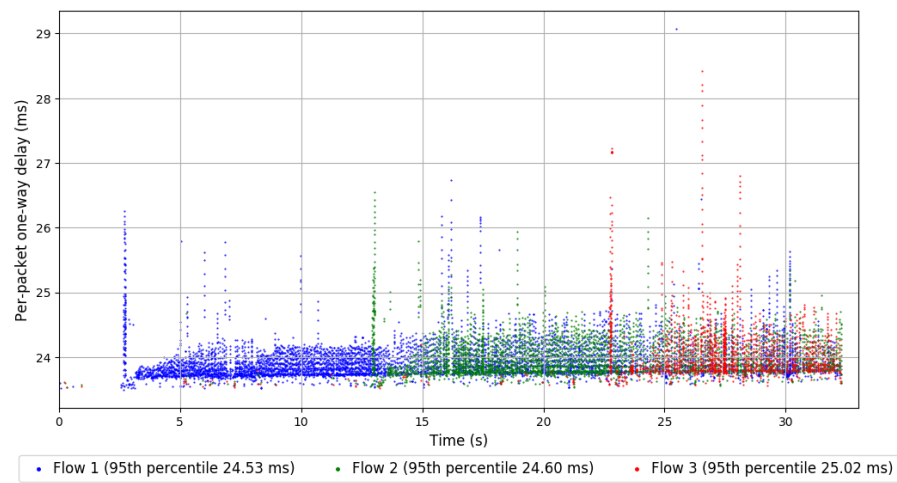
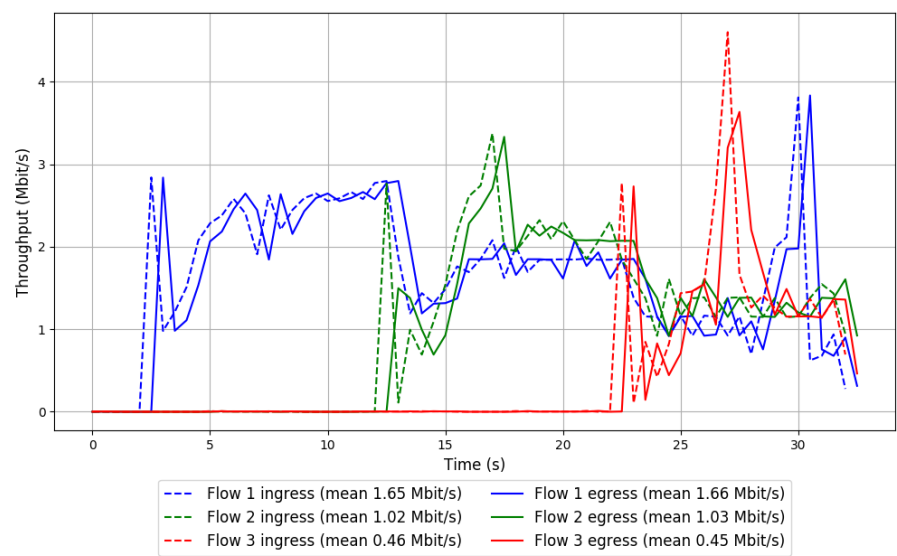
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 25.018 ms

Loss rate: 0.78%

Run 7: Report of WebRTC media — Data Link

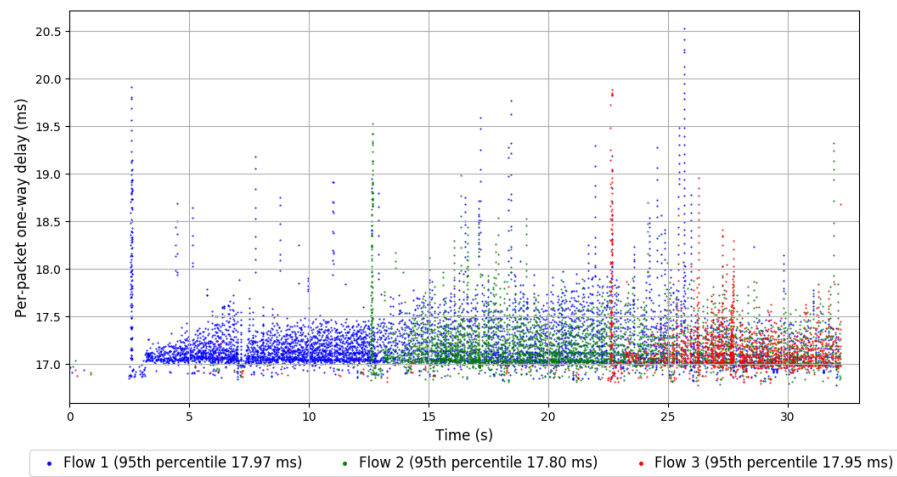
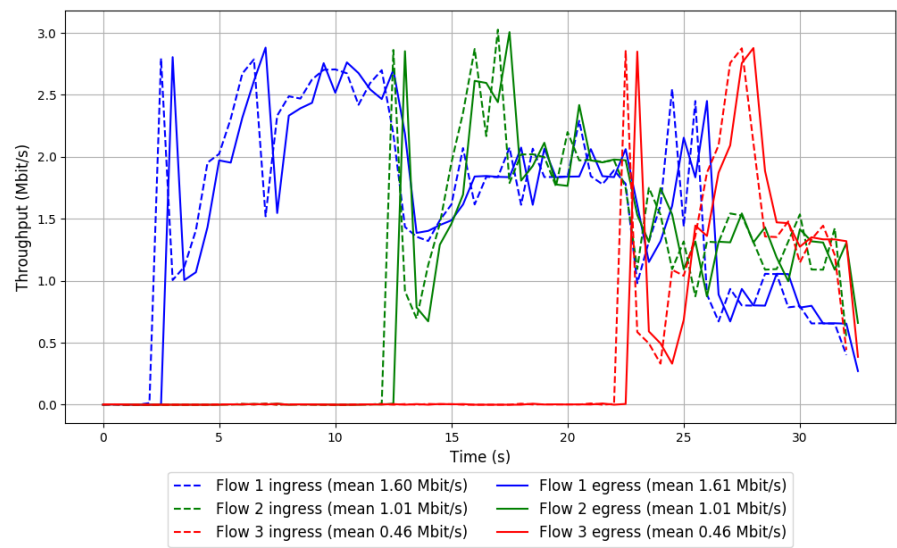


Run 8: Statistics of WebRTC media

Start at: 2018-08-02 02:41:43
End at: 2018-08-02 02:42:13
Local clock offset: 0.855 ms
Remote clock offset: -4.771 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.06 Mbit/s
95th percentile per-packet one-way delay: 17.909 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 1.61 Mbit/s
95th percentile per-packet one-way delay: 17.967 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 17.805 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 17.951 ms
Loss rate: 0.19%

Run 8: Report of WebRTC media — Data Link

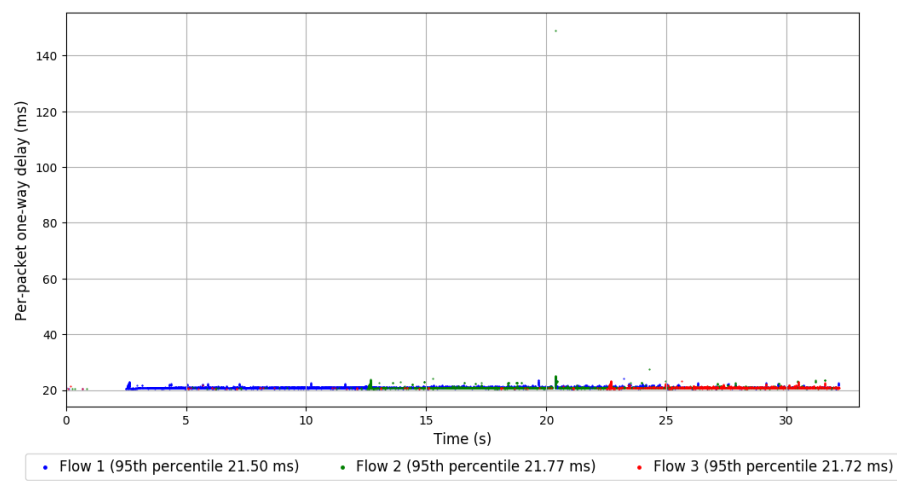
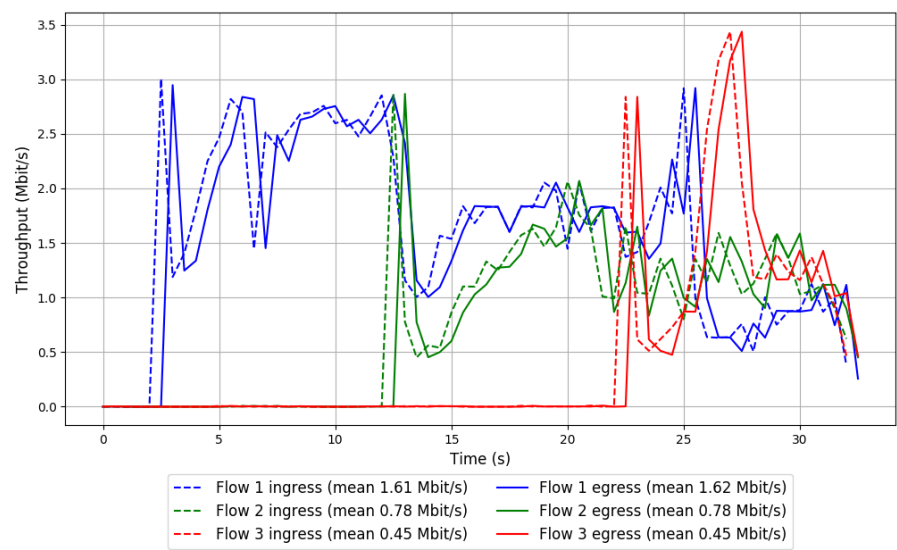


Run 9: Statistics of WebRTC media

Start at: 2018-08-02 03:01:55
End at: 2018-08-02 03:02:25
Local clock offset: 0.878 ms
Remote clock offset: -8.957 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 21.573 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 21.498 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 21.765 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 21.722 ms
Loss rate: 0.01%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-02 03:21:56
End at: 2018-08-02 03:22:26
Local clock offset: -2.972 ms
Remote clock offset: -6.836 ms

Below is generated by plot.py at 2018-08-02 04:03:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.94 Mbit/s
95th percentile per-packet one-way delay: 15.399 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 15.442 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 15.278 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 15.614 ms
Loss rate: 0.84%

Run 10: Report of WebRTC media — Data Link

