

Pantheon Report

Generated at 2018-08-10 05:42:33 (UTC).

Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).

Repeated the test of 17 congestion control schemes 10 times.

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

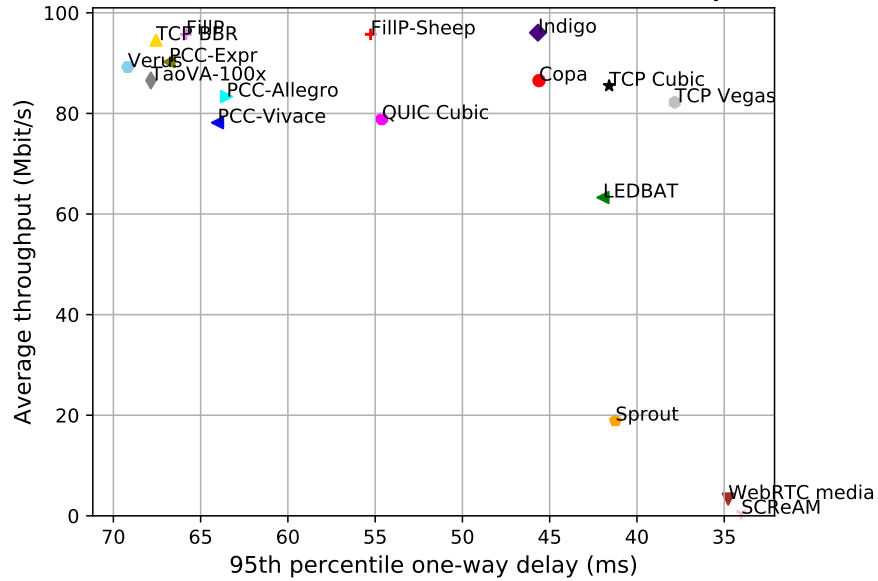
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

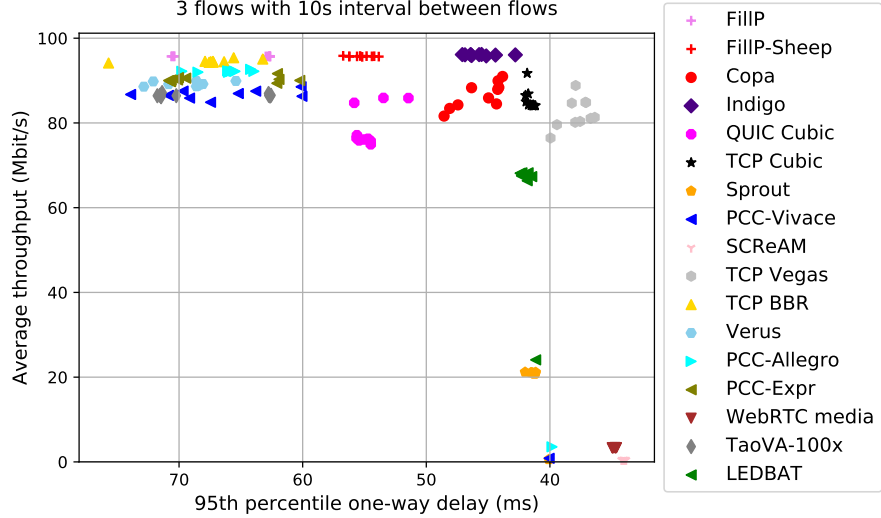
Git summary:

```
branch: master @ 7772df3413f4b07ba0096dfdd8e9d4c6dca623e3
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf90c077e64d
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-quic @ 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 Mexico to AWS California 2, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from Mexico to AWS California 2, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	56.62	38.82	36.57	62.98	70.00	65.49	1.93	3.11	3.08
Copa	10	53.48	34.51	30.41	44.68	45.76	45.27	0.14	0.33	0.66
TCP Cubic	10	50.11	38.49	29.49	41.05	41.84	42.22	0.15	0.30	0.76
FillP	10	58.73	40.46	30.54	63.44	62.73	65.49	1.68	3.56	4.55
FillP-Sheep	10	57.20	42.15	31.80	55.59	55.54	61.20	0.83	0.78	0.94
Indigo	10	59.08	41.25	29.23	46.60	45.53	44.08	0.22	0.37	0.75
LEDBAT	10	36.21	30.62	19.95	41.86	42.42	41.54	0.14	0.40	1.22
PCC-Allegro	10	52.10	34.39	25.54	60.87	61.77	62.88	3.76	3.99	1.61
PCC-Expr	10	54.71	38.50	30.30	63.78	61.37	64.24	0.60	0.89	1.36
QUIC Cubic	10	45.97	36.82	25.72	45.66	55.46	72.20	0.20	0.44	1.14
SCReAM	10	0.21	0.21	0.22	34.00	34.00	34.02	0.18	0.38	0.67
Sprout	10	9.57	9.52	9.25	41.02	41.28	41.92	0.29	0.35	0.79
TaoVA-100x	10	49.81	38.42	33.70	64.19	66.23	62.85	0.71	1.18	2.59
TCP Vegas	10	46.98	36.41	33.23	40.76	36.78	38.22	0.14	0.34	0.75
Verus	10	53.71	38.78	29.45	66.78	69.31	71.75	0.36	0.58	1.29
PCC-Vivace	10	49.35	31.48	23.98	59.37	62.69	62.24	1.84	1.11	1.48
WebRTC media	10	1.84	1.07	0.45	34.68	34.77	35.04	0.13	0.30	0.61

Run 1: Statistics of TCP BBR

Start at: 2018-08-10 01:29:53

End at: 2018-08-10 01:30:23

Local clock offset: -0.021 ms

Remote clock offset: -1.08 ms

Below is generated by plot.py at 2018-08-10 05:20:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 67.898 ms

Loss rate: 2.31%

-- Flow 1:

Average throughput: 57.15 Mbit/s

95th percentile per-packet one-way delay: 58.272 ms

Loss rate: 1.93%

-- Flow 2:

Average throughput: 40.10 Mbit/s

95th percentile per-packet one-way delay: 68.448 ms

Loss rate: 2.62%

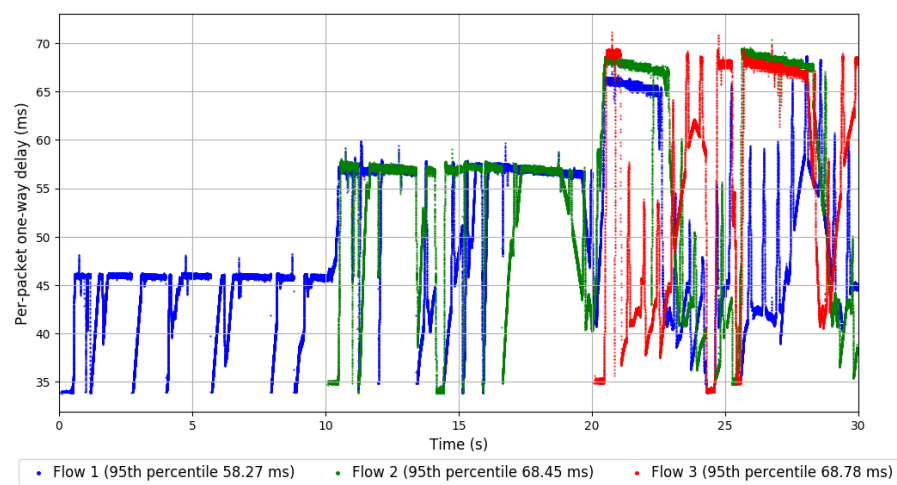
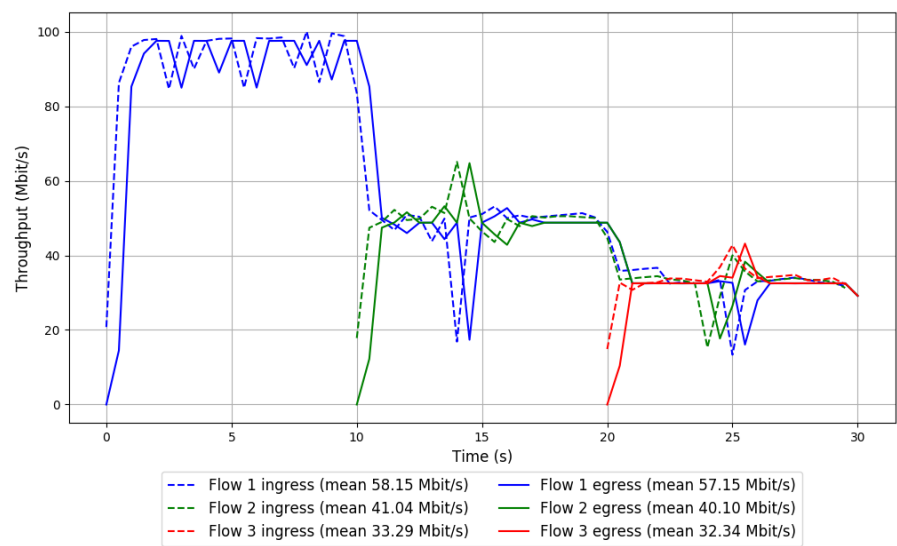
-- Flow 3:

Average throughput: 32.34 Mbit/s

95th percentile per-packet one-way delay: 68.775 ms

Loss rate: 3.50%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-08-10 01:53:24

End at: 2018-08-10 01:53:54

Local clock offset: -0.166 ms

Remote clock offset: -1.23 ms

Below is generated by plot.py at 2018-08-10 05:20:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 67.259 ms

Loss rate: 2.36%

-- Flow 1:

Average throughput: 57.57 Mbit/s

95th percentile per-packet one-way delay: 63.264 ms

Loss rate: 1.97%

-- Flow 2:

Average throughput: 39.72 Mbit/s

95th percentile per-packet one-way delay: 67.247 ms

Loss rate: 2.94%

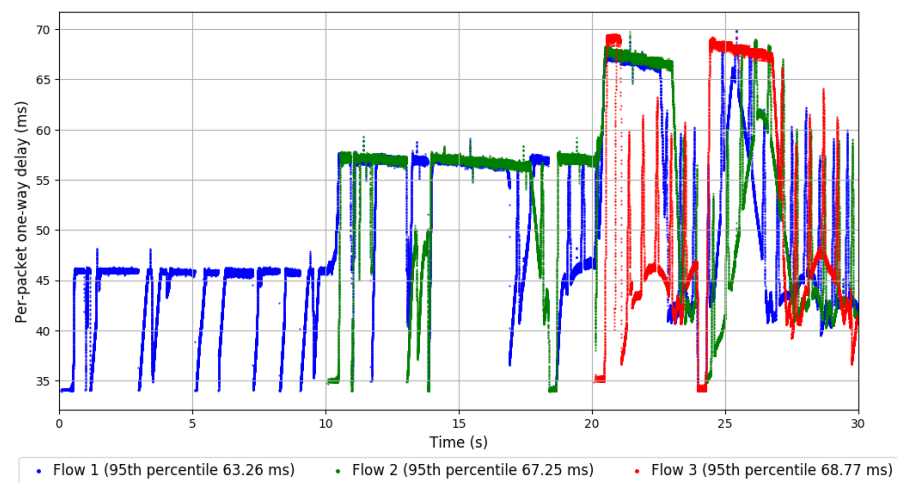
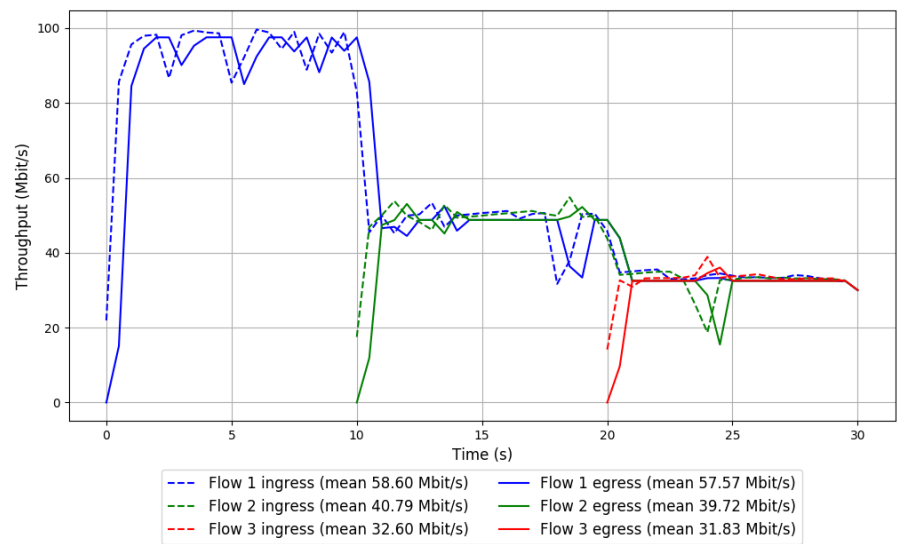
-- Flow 3:

Average throughput: 31.83 Mbit/s

95th percentile per-packet one-way delay: 68.768 ms

Loss rate: 3.02%

Run 2: Report of TCP BBR — Data Link

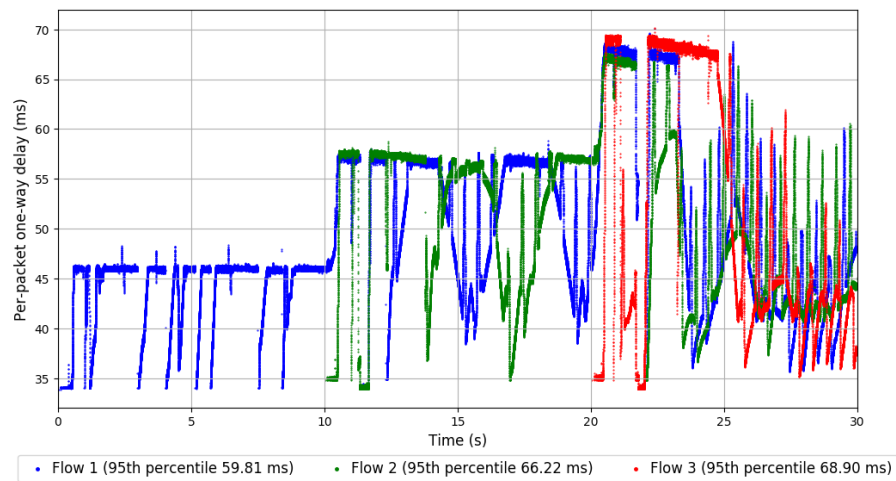
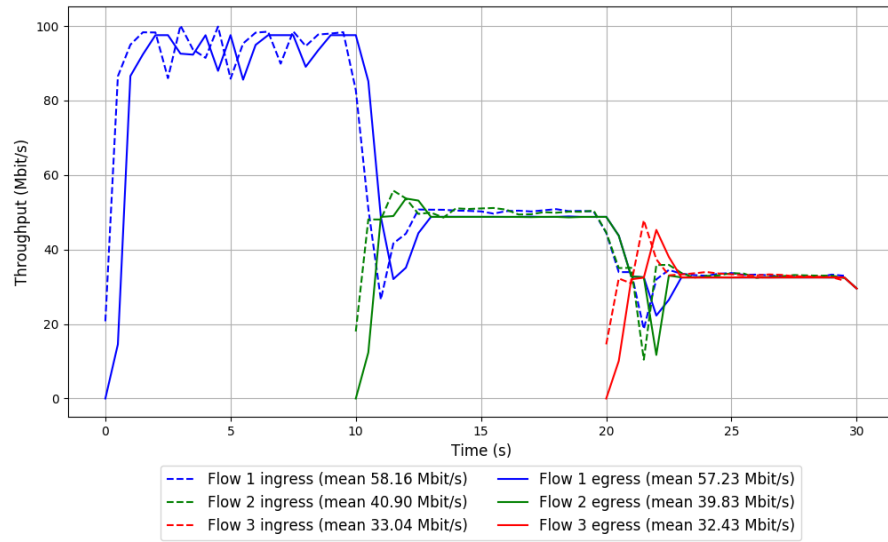


Run 3: Statistics of TCP BBR

Start at: 2018-08-10 02:16:17
End at: 2018-08-10 02:16:47
Local clock offset: -0.326 ms
Remote clock offset: -2.702 ms

Below is generated by plot.py at 2018-08-10 05:20:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 67.440 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 57.23 Mbit/s
95th percentile per-packet one-way delay: 59.810 ms
Loss rate: 1.81%
-- Flow 2:
Average throughput: 39.83 Mbit/s
95th percentile per-packet one-way delay: 66.217 ms
Loss rate: 2.93%
-- Flow 3:
Average throughput: 32.43 Mbit/s
95th percentile per-packet one-way delay: 68.902 ms
Loss rate: 2.50%

Run 3: Report of TCP BBR — Data Link

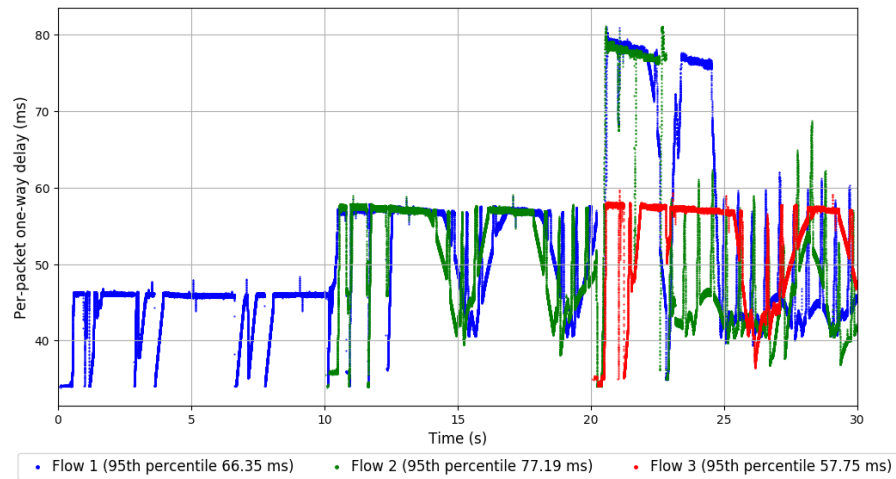
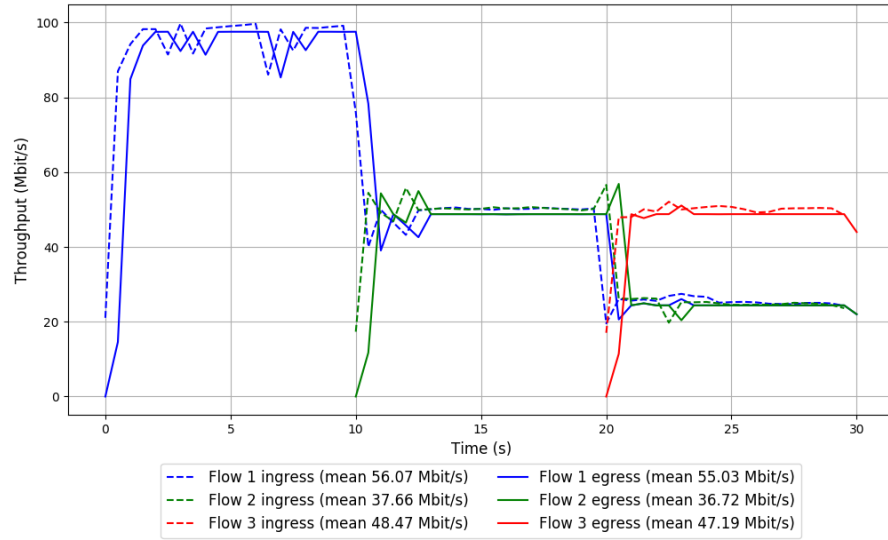


Run 4: Statistics of TCP BBR

Start at: 2018-08-10 02:39:19
End at: 2018-08-10 02:39:49
Local clock offset: -0.18 ms
Remote clock offset: -2.656 ms

Below is generated by plot.py at 2018-08-10 05:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.08 Mbit/s
95th percentile per-packet one-way delay: 63.228 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 66.349 ms
Loss rate: 2.08%
-- Flow 2:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 77.193 ms
Loss rate: 2.83%
-- Flow 3:
Average throughput: 47.19 Mbit/s
95th percentile per-packet one-way delay: 57.753 ms
Loss rate: 3.28%

Run 4: Report of TCP BBR — Data Link

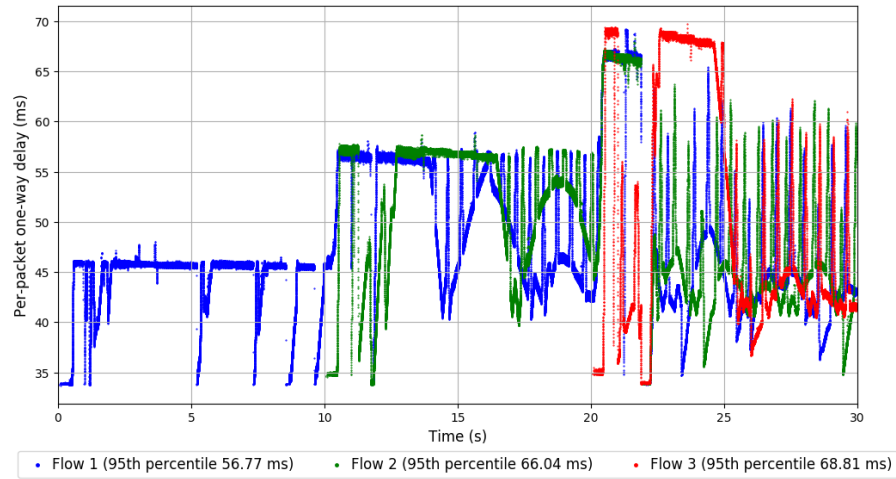
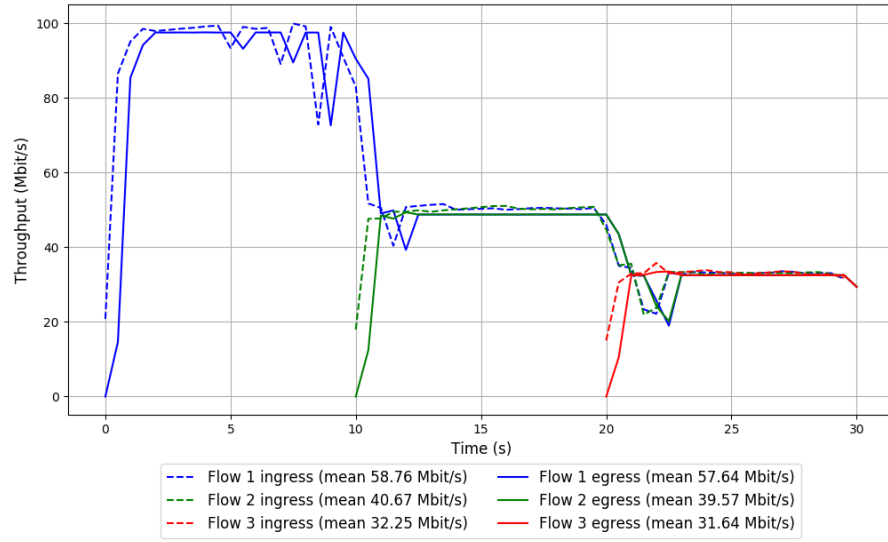


Run 5: Statistics of TCP BBR

Start at: 2018-08-10 03:02:18
End at: 2018-08-10 03:02:48
Local clock offset: -0.311 ms
Remote clock offset: -0.939 ms

Below is generated by plot.py at 2018-08-10 05:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 66.357 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 57.64 Mbit/s
95th percentile per-packet one-way delay: 56.767 ms
Loss rate: 2.12%
-- Flow 2:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 66.042 ms
Loss rate: 3.02%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 68.809 ms
Loss rate: 2.55%

Run 5: Report of TCP BBR — Data Link

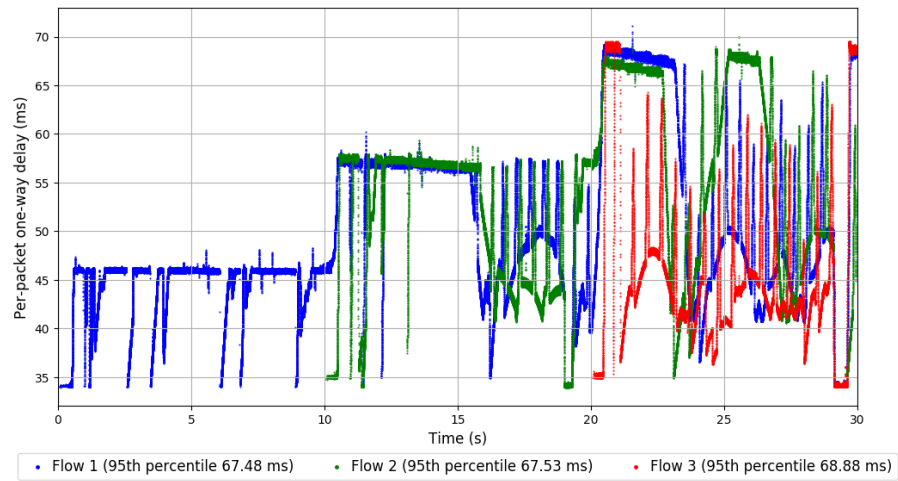
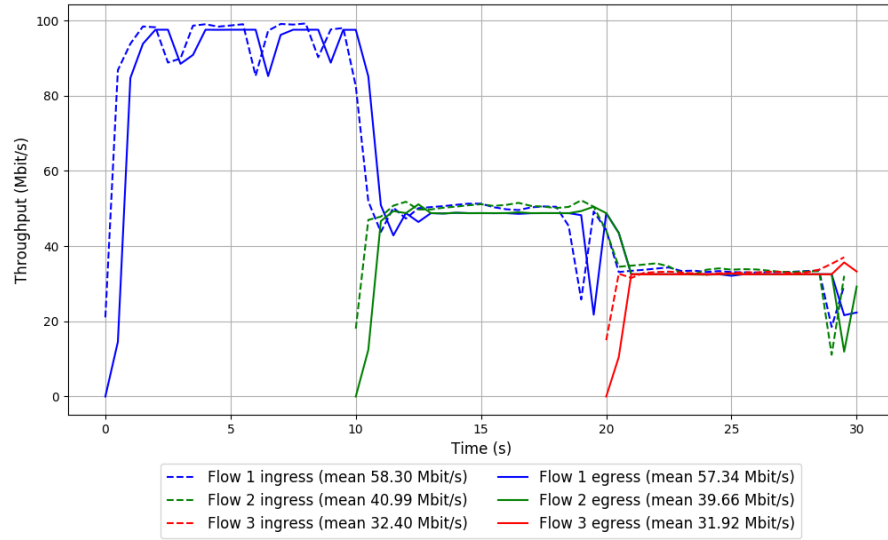


Run 6: Statistics of TCP BBR

Start at: 2018-08-10 03:25:32
End at: 2018-08-10 03:26:02
Local clock offset: -0.334 ms
Remote clock offset: -0.545 ms

Below is generated by plot.py at 2018-08-10 05:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.30 Mbit/s
95th percentile per-packet one-way delay: 67.565 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 67.484 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 67.527 ms
Loss rate: 3.56%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 68.882 ms
Loss rate: 2.15%

Run 6: Report of TCP BBR — Data Link

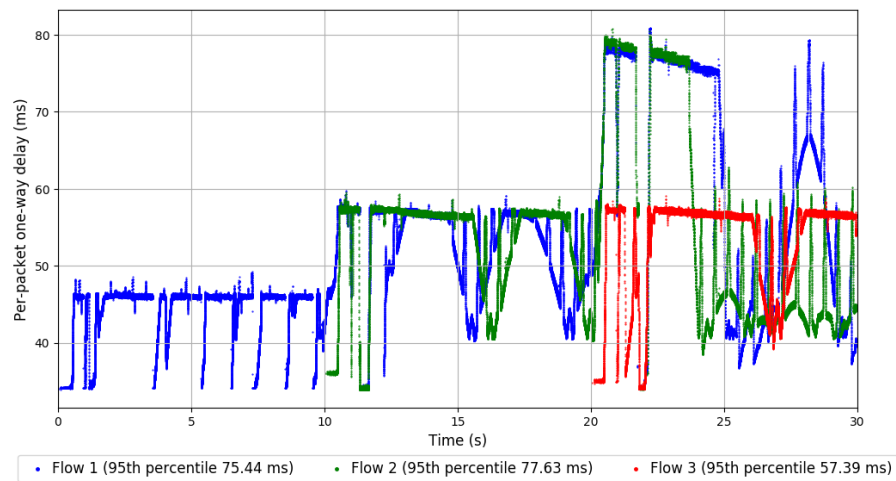
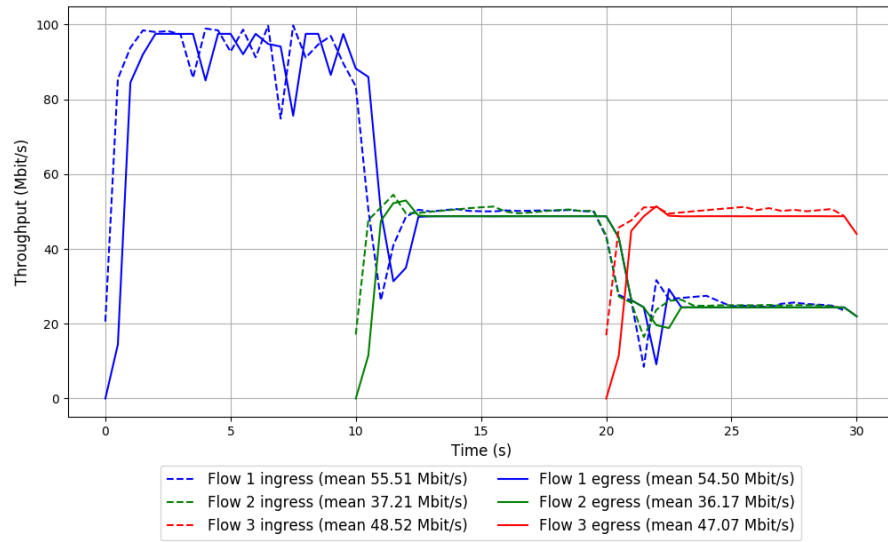


Run 7: Statistics of TCP BBR

Start at: 2018-08-10 03:49:09
End at: 2018-08-10 03:49:39
Local clock offset: -0.306 ms
Remote clock offset: -1.213 ms

Below is generated by plot.py at 2018-08-10 05:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 75.701 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 54.50 Mbit/s
95th percentile per-packet one-way delay: 75.442 ms
Loss rate: 2.03%
-- Flow 2:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 77.629 ms
Loss rate: 3.12%
-- Flow 3:
Average throughput: 47.07 Mbit/s
95th percentile per-packet one-way delay: 57.392 ms
Loss rate: 3.63%

Run 7: Report of TCP BBR — Data Link

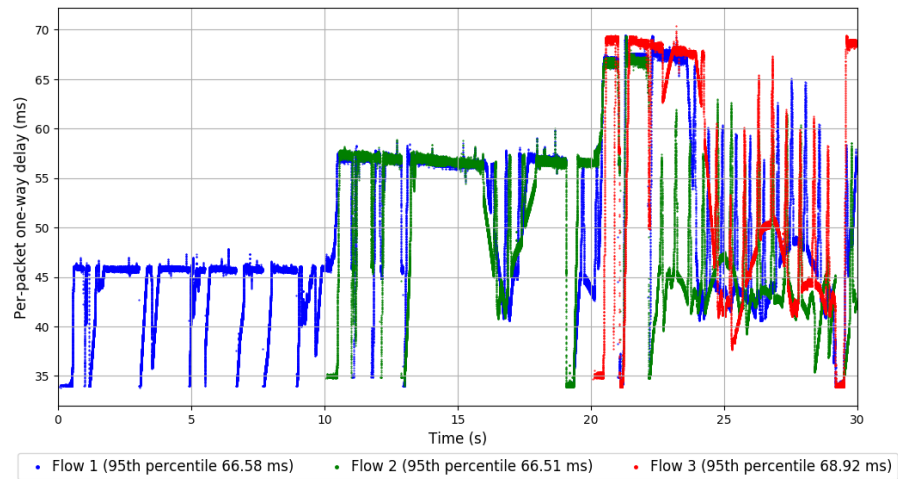
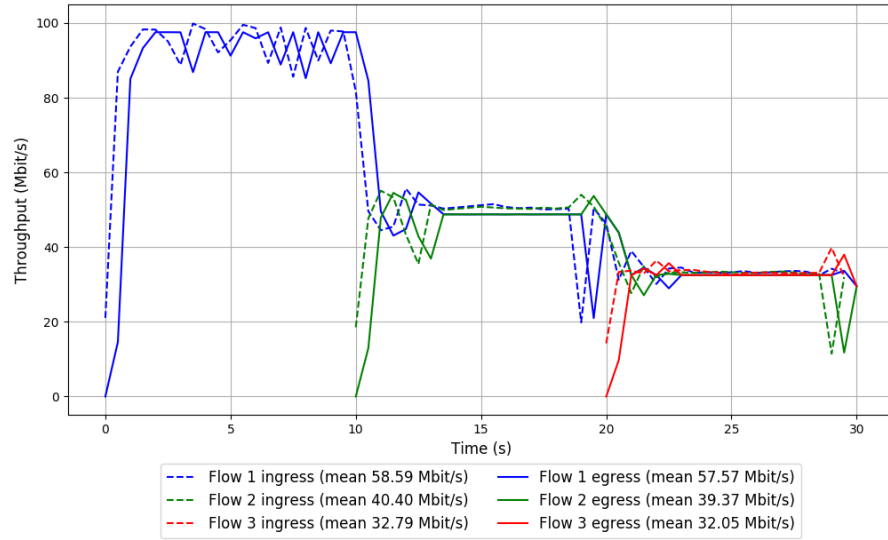


Run 8: Statistics of TCP BBR

Start at: 2018-08-10 04:12:29
End at: 2018-08-10 04:12:59
Local clock offset: -0.185 ms
Remote clock offset: -1.198 ms

Below is generated by plot.py at 2018-08-10 05:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.38 Mbit/s
95th percentile per-packet one-way delay: 67.275 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 57.57 Mbit/s
95th percentile per-packet one-way delay: 66.583 ms
Loss rate: 1.96%
-- Flow 2:
Average throughput: 39.37 Mbit/s
95th percentile per-packet one-way delay: 66.510 ms
Loss rate: 2.87%
-- Flow 3:
Average throughput: 32.05 Mbit/s
95th percentile per-packet one-way delay: 68.915 ms
Loss rate: 3.04%

Run 8: Report of TCP BBR — Data Link

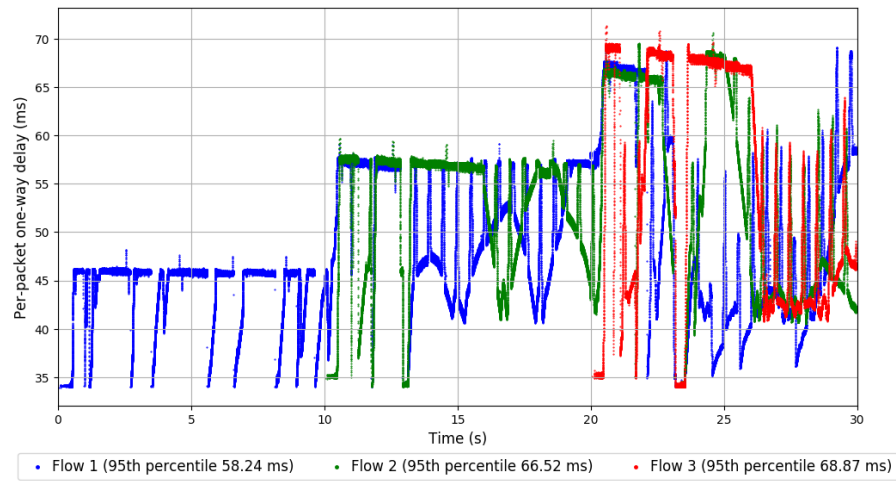
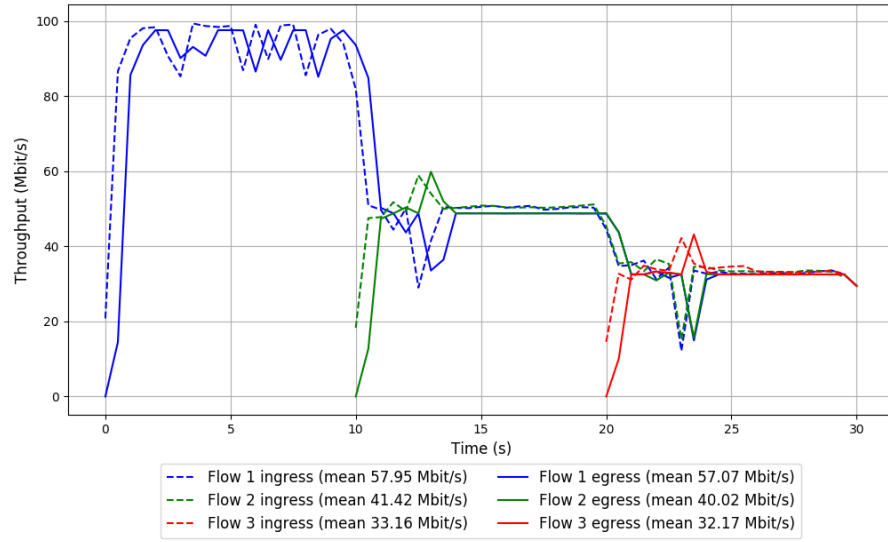


Run 9: Statistics of TCP BBR

Start at: 2018-08-10 04:35:51
End at: 2018-08-10 04:36:21
Local clock offset: -0.197 ms
Remote clock offset: -1.762 ms

Below is generated by plot.py at 2018-08-10 05:21:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.36 Mbit/s
95th percentile per-packet one-way delay: 67.230 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 57.07 Mbit/s
95th percentile per-packet one-way delay: 58.236 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 40.02 Mbit/s
95th percentile per-packet one-way delay: 66.518 ms
Loss rate: 3.71%
-- Flow 3:
Average throughput: 32.17 Mbit/s
95th percentile per-packet one-way delay: 68.873 ms
Loss rate: 3.61%

Run 9: Report of TCP BBR — Data Link

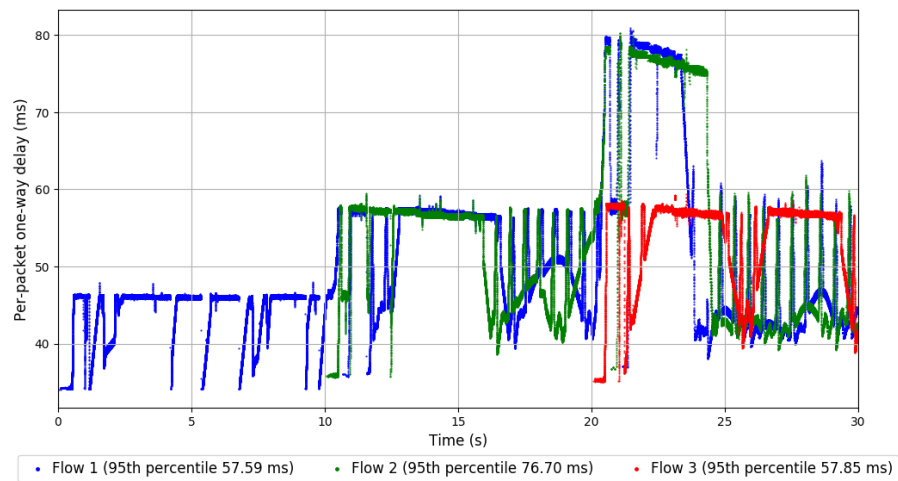
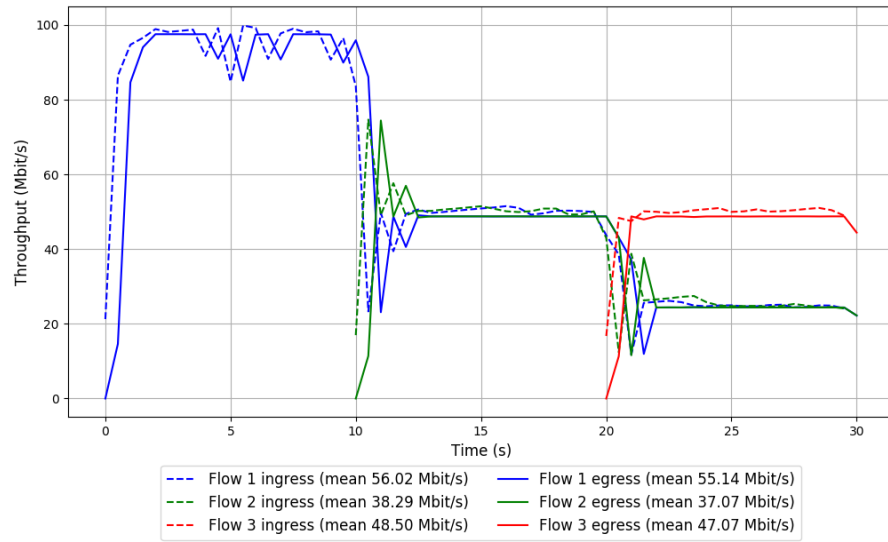


Run 10: Statistics of TCP BBR

Start at: 2018-08-10 04:59:04
End at: 2018-08-10 04:59:34
Local clock offset: -0.296 ms
Remote clock offset: -1.694 ms

Below is generated by plot.py at 2018-08-10 05:21:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 65.582 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 55.14 Mbit/s
95th percentile per-packet one-way delay: 57.586 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 76.702 ms
Loss rate: 3.49%
-- Flow 3:
Average throughput: 47.07 Mbit/s
95th percentile per-packet one-way delay: 57.847 ms
Loss rate: 3.57%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-08-10 01:33:57

End at: 2018-08-10 01:34:27

Local clock offset: 0.057 ms

Remote clock offset: -1.29 ms

Below is generated by plot.py at 2018-08-10 05:22:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.94 Mbit/s

95th percentile per-packet one-way delay: 44.195 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 58.12 Mbit/s

95th percentile per-packet one-way delay: 44.262 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 27.59 Mbit/s

95th percentile per-packet one-way delay: 41.435 ms

Loss rate: 0.33%

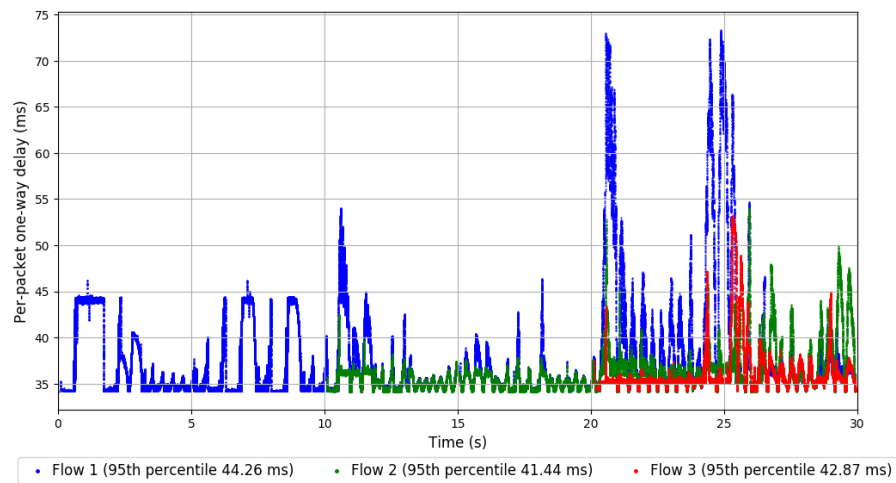
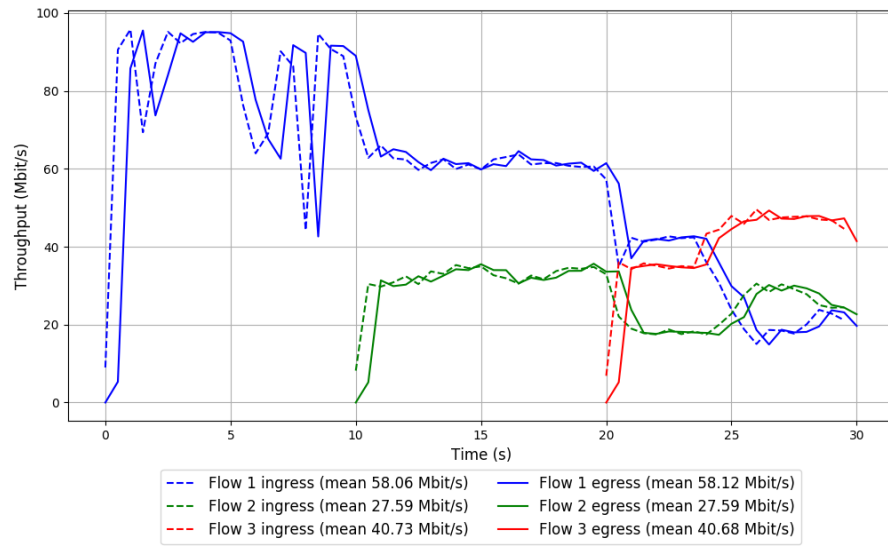
-- Flow 3:

Average throughput: 40.68 Mbit/s

95th percentile per-packet one-way delay: 42.870 ms

Loss rate: 0.79%

Run 1: Report of Copa — Data Link

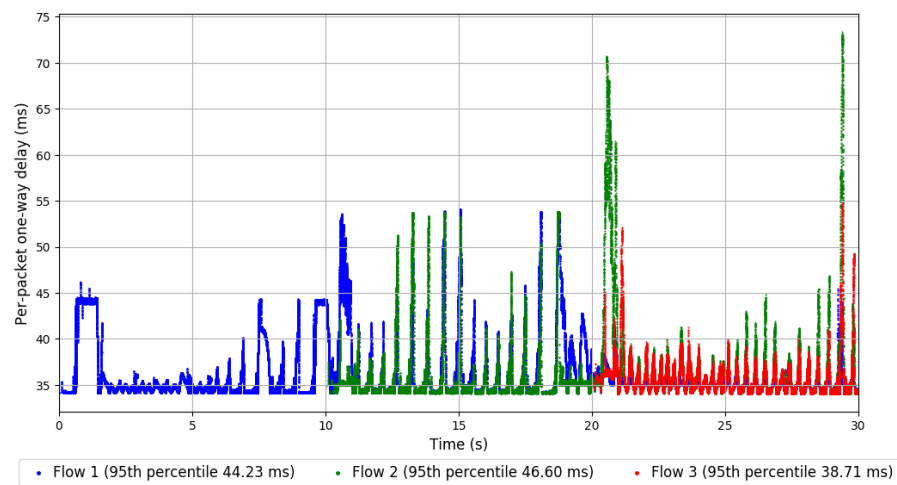
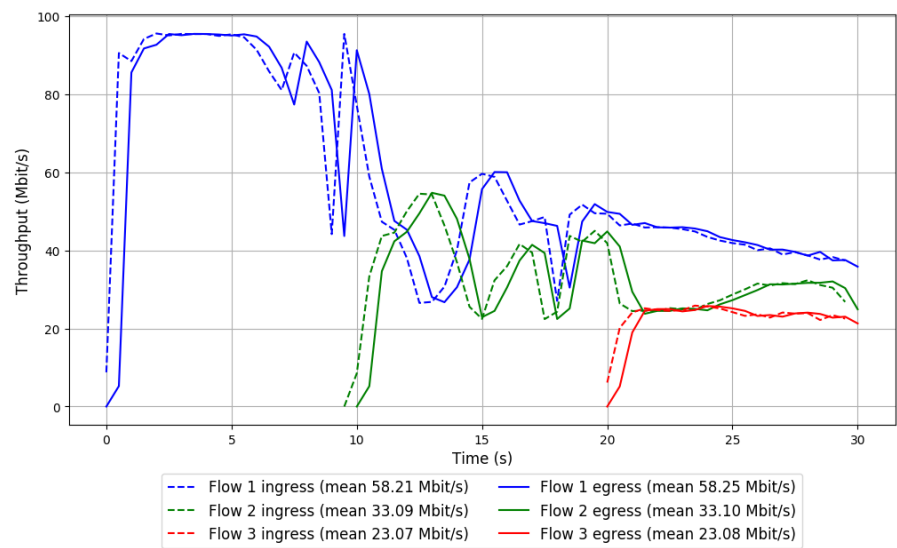


Run 2: Statistics of Copa

Start at: 2018-08-10 01:57:23
End at: 2018-08-10 01:57:53
Local clock offset: -0.237 ms
Remote clock offset: -1.811 ms

Below is generated by plot.py at 2018-08-10 05:22:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.92 Mbit/s
95th percentile per-packet one-way delay: 44.223 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 58.25 Mbit/s
95th percentile per-packet one-way delay: 44.225 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 33.10 Mbit/s
95th percentile per-packet one-way delay: 46.601 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 23.08 Mbit/s
95th percentile per-packet one-way delay: 38.714 ms
Loss rate: 0.60%

Run 2: Report of Copa — Data Link

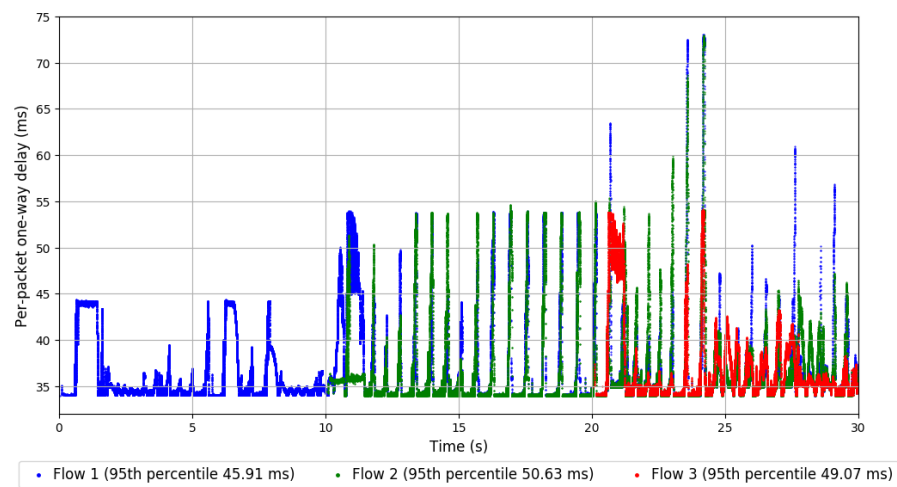
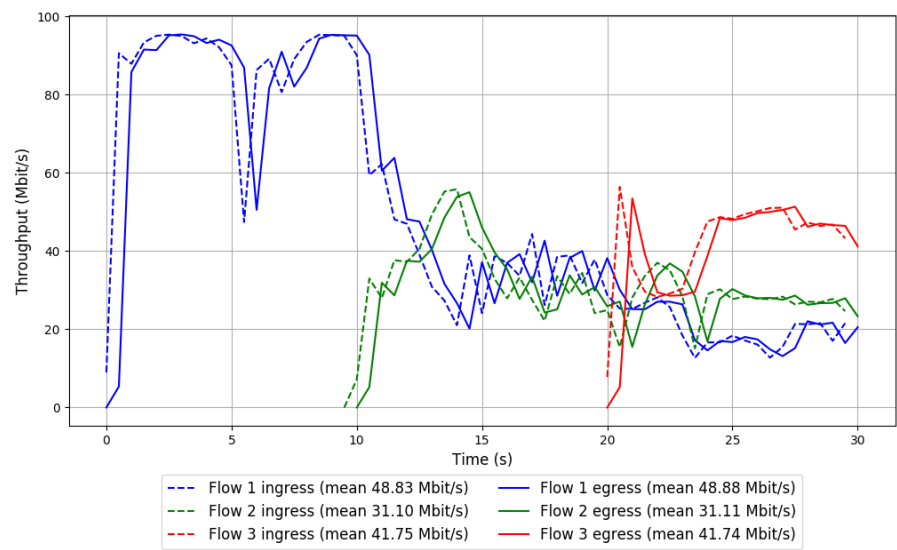


Run 3: Statistics of Copa

Start at: 2018-08-10 02:20:16
End at: 2018-08-10 02:20:46
Local clock offset: -0.346 ms
Remote clock offset: -3.088 ms

Below is generated by plot.py at 2018-08-10 05:22:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.43 Mbit/s
95th percentile per-packet one-way delay: 48.108 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 48.88 Mbit/s
95th percentile per-packet one-way delay: 45.914 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 31.11 Mbit/s
95th percentile per-packet one-way delay: 50.635 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 41.74 Mbit/s
95th percentile per-packet one-way delay: 49.066 ms
Loss rate: 0.68%

Run 3: Report of Copa — Data Link

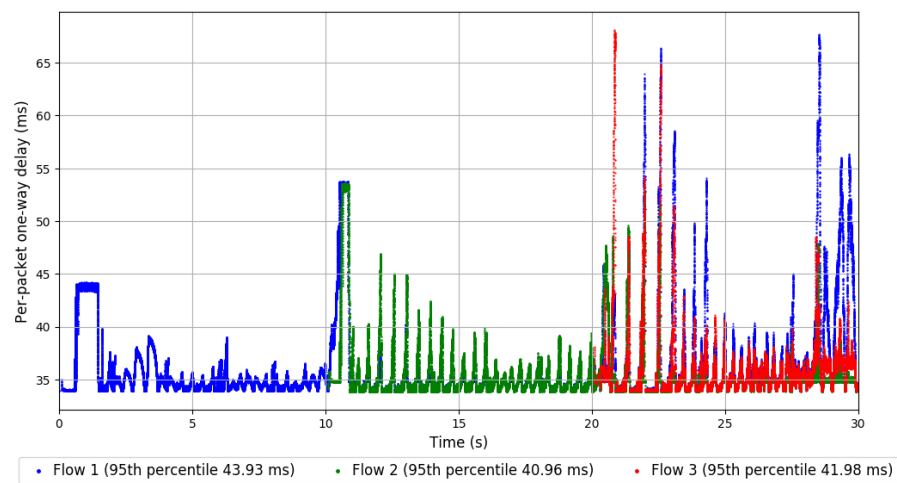
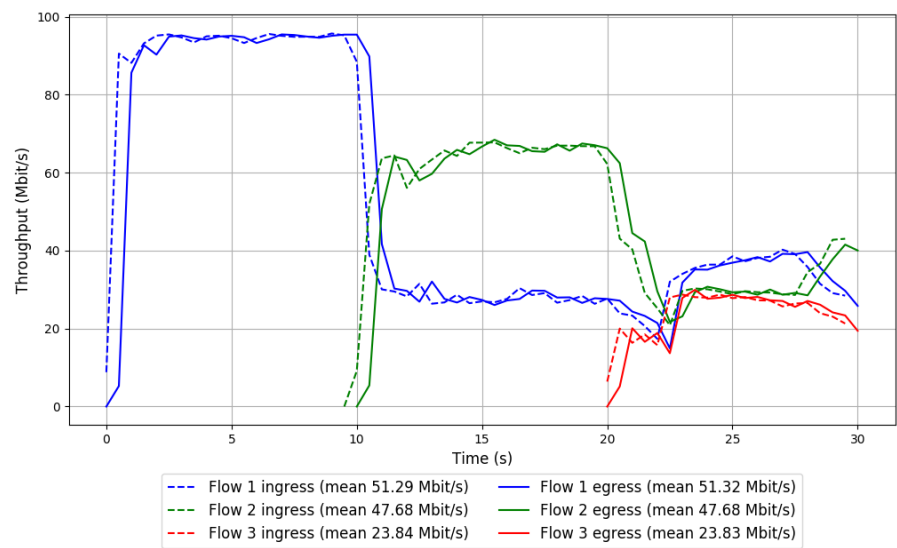


Run 4: Statistics of Copa

Start at: 2018-08-10 02:43:20
End at: 2018-08-10 02:43:50
Local clock offset: -0.262 ms
Remote clock offset: -2.391 ms

Below is generated by plot.py at 2018-08-10 05:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.97 Mbit/s
95th percentile per-packet one-way delay: 43.829 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 51.32 Mbit/s
95th percentile per-packet one-way delay: 43.927 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 47.68 Mbit/s
95th percentile per-packet one-way delay: 40.959 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 23.83 Mbit/s
95th percentile per-packet one-way delay: 41.978 ms
Loss rate: 0.69%

Run 4: Report of Copa — Data Link

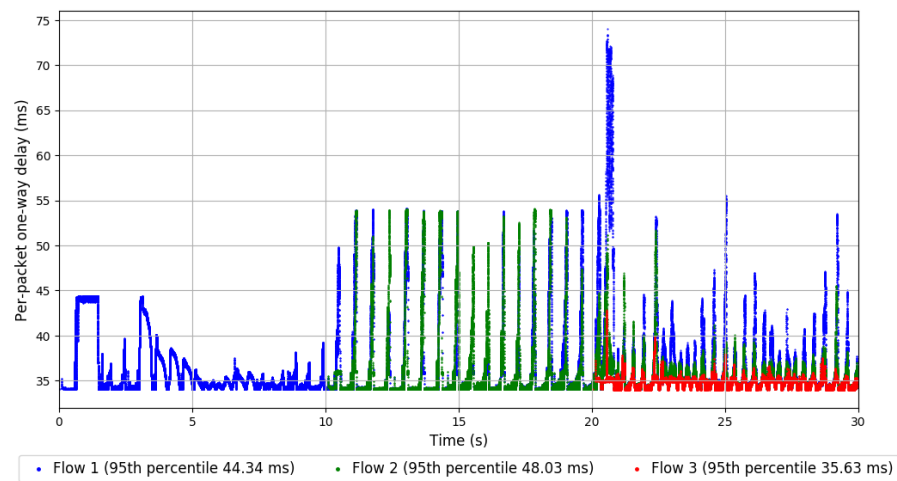
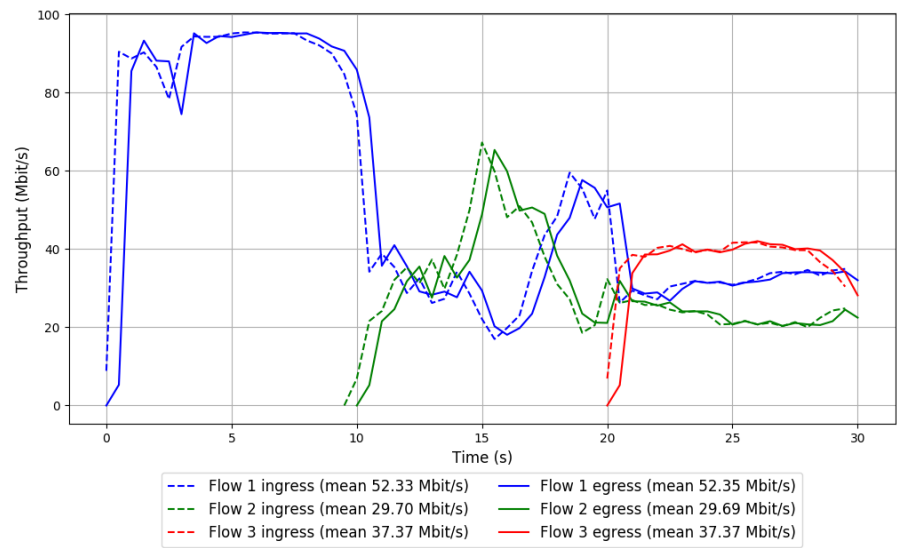


Run 5: Statistics of Copa

Start at: 2018-08-10 03:06:17
End at: 2018-08-10 03:06:47
Local clock offset: -0.232 ms
Remote clock offset: -1.081 ms

Below is generated by plot.py at 2018-08-10 05:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.49 Mbit/s
95th percentile per-packet one-way delay: 44.322 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 52.35 Mbit/s
95th percentile per-packet one-way delay: 44.337 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 29.69 Mbit/s
95th percentile per-packet one-way delay: 48.030 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 35.628 ms
Loss rate: 0.64%

Run 5: Report of Copa — Data Link

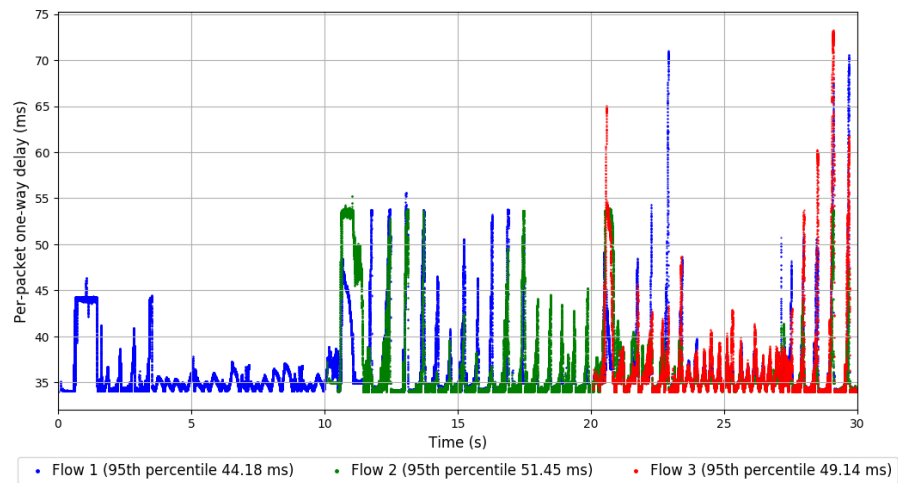
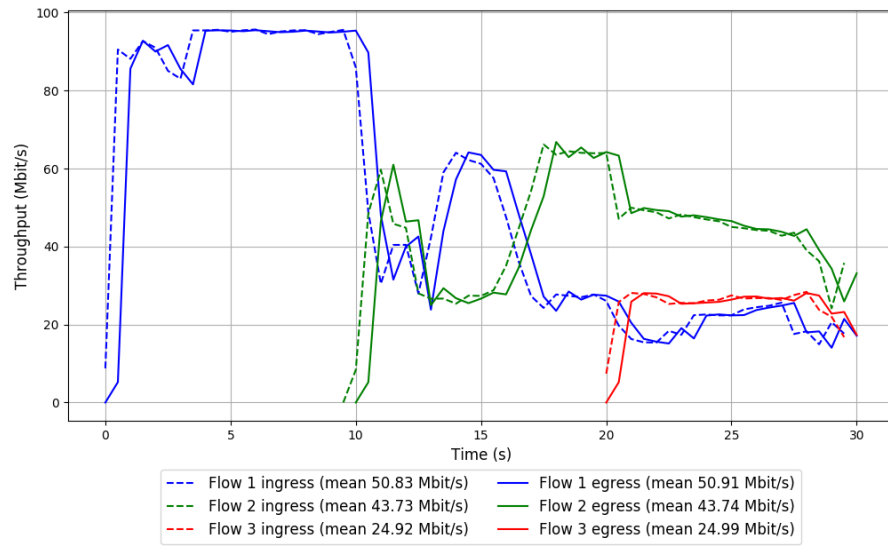


Run 6: Statistics of Copa

Start at: 2018-08-10 03:29:39
End at: 2018-08-10 03:30:09
Local clock offset: -0.352 ms
Remote clock offset: -0.346 ms

Below is generated by plot.py at 2018-08-10 05:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.31 Mbit/s
95th percentile per-packet one-way delay: 46.338 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 50.91 Mbit/s
95th percentile per-packet one-way delay: 44.183 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 43.74 Mbit/s
95th percentile per-packet one-way delay: 51.445 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 24.99 Mbit/s
95th percentile per-packet one-way delay: 49.144 ms
Loss rate: 0.35%

Run 6: Report of Copa — Data Link

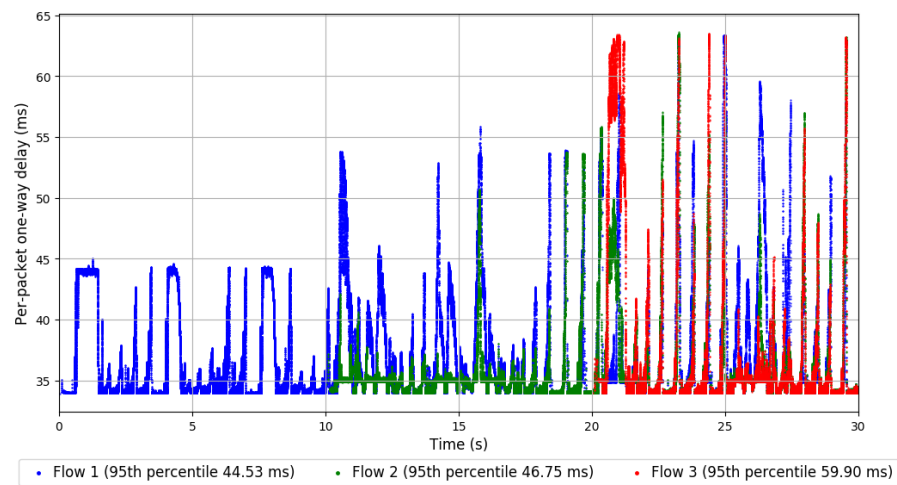
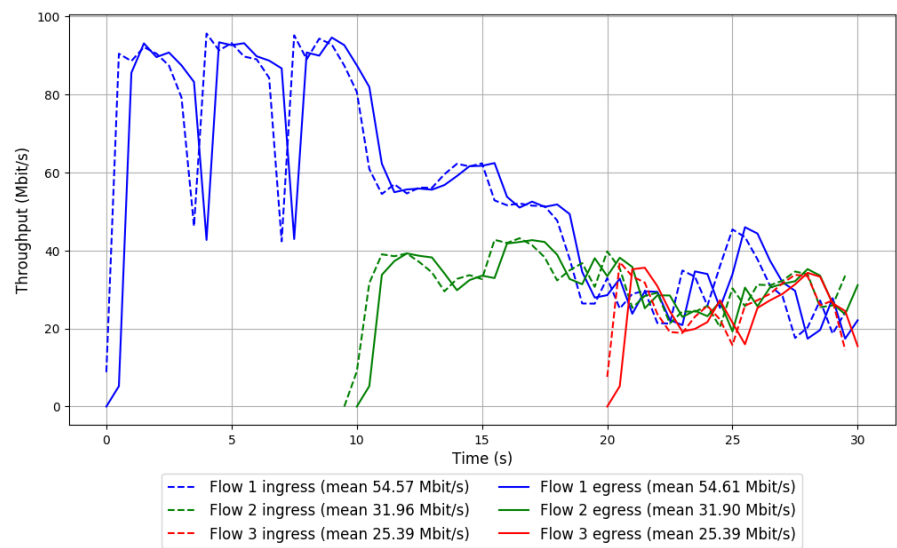


Run 7: Statistics of Copa

Start at: 2018-08-10 03:53:11
End at: 2018-08-10 03:53:41
Local clock offset: -0.253 ms
Remote clock offset: -1.191 ms

Below is generated by plot.py at 2018-08-10 05:23:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.26 Mbit/s
95th percentile per-packet one-way delay: 47.442 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 44.535 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 46.751 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 25.39 Mbit/s
95th percentile per-packet one-way delay: 59.895 ms
Loss rate: 0.65%

Run 7: Report of Copa — Data Link

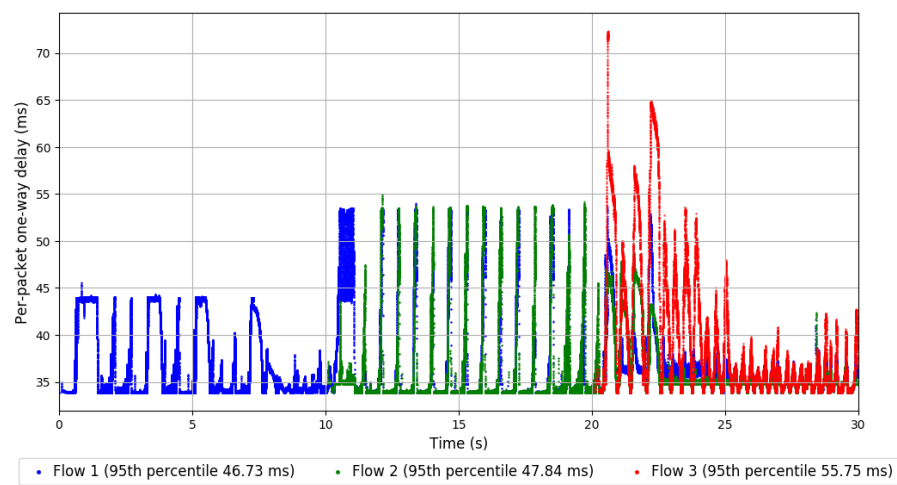
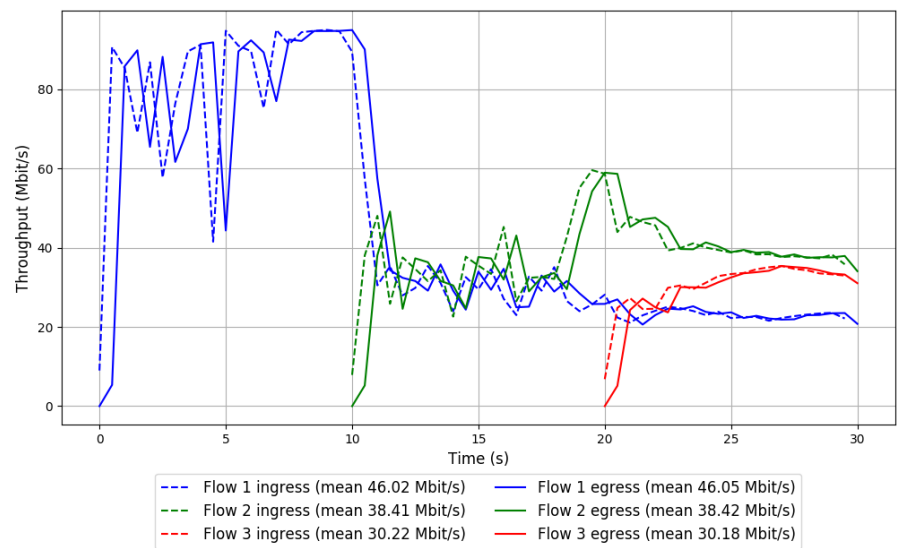


Run 8: Statistics of Copa

Start at: 2018-08-10 04:16:33
End at: 2018-08-10 04:17:03
Local clock offset: -0.19 ms
Remote clock offset: -1.445 ms

Below is generated by plot.py at 2018-08-10 05:23:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.62 Mbit/s
95th percentile per-packet one-way delay: 48.562 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 46.05 Mbit/s
95th percentile per-packet one-way delay: 46.725 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 38.42 Mbit/s
95th percentile per-packet one-way delay: 47.841 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 30.18 Mbit/s
95th percentile per-packet one-way delay: 55.747 ms
Loss rate: 0.79%

Run 8: Report of Copa — Data Link

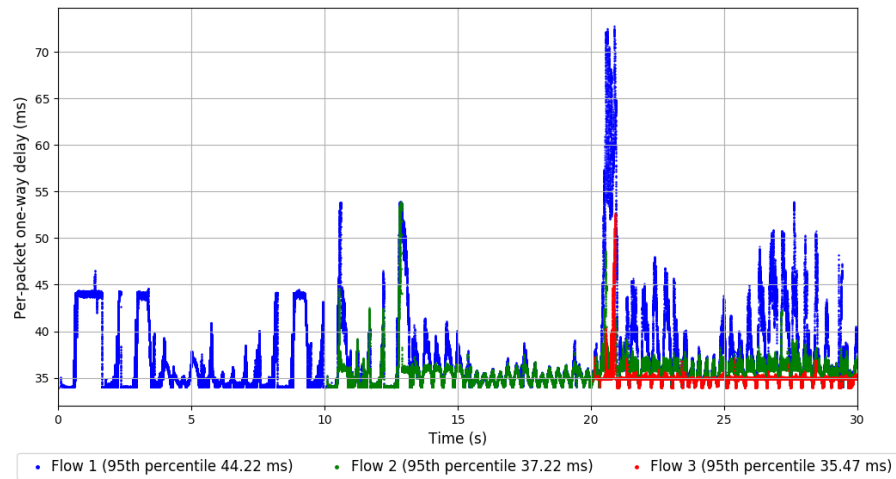
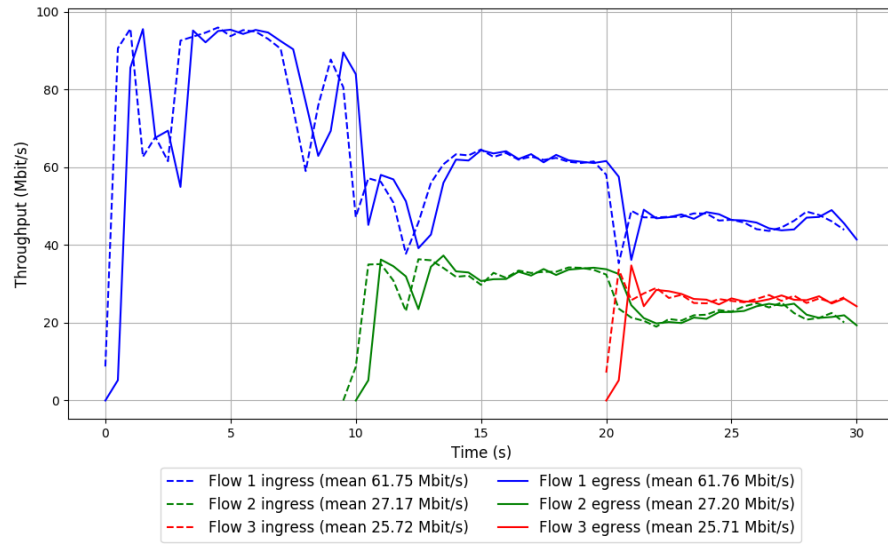


Run 9: Statistics of Copa

Start at: 2018-08-10 04:39:55
End at: 2018-08-10 04:40:25
Local clock offset: -0.219 ms
Remote clock offset: -1.742 ms

Below is generated by plot.py at 2018-08-10 05:24:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.38 Mbit/s
95th percentile per-packet one-way delay: 44.133 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 61.76 Mbit/s
95th percentile per-packet one-way delay: 44.217 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 27.20 Mbit/s
95th percentile per-packet one-way delay: 37.218 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 35.469 ms
Loss rate: 0.71%

Run 9: Report of Copa — Data Link

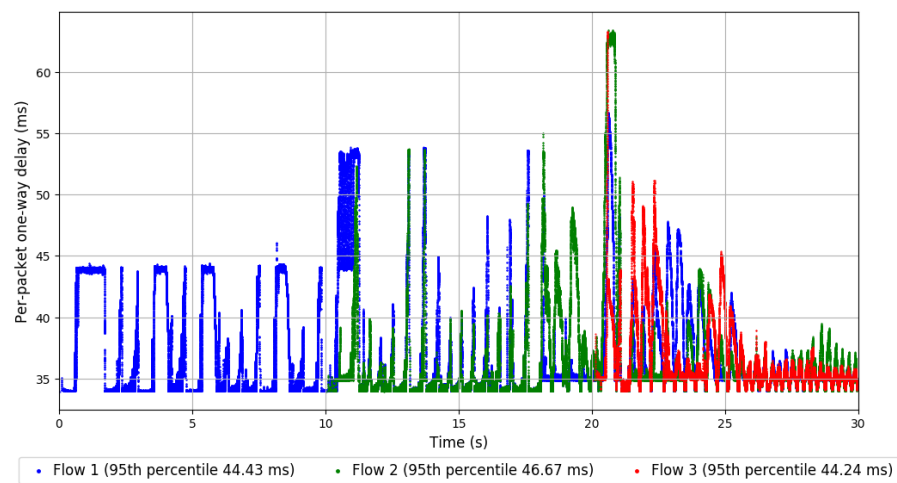
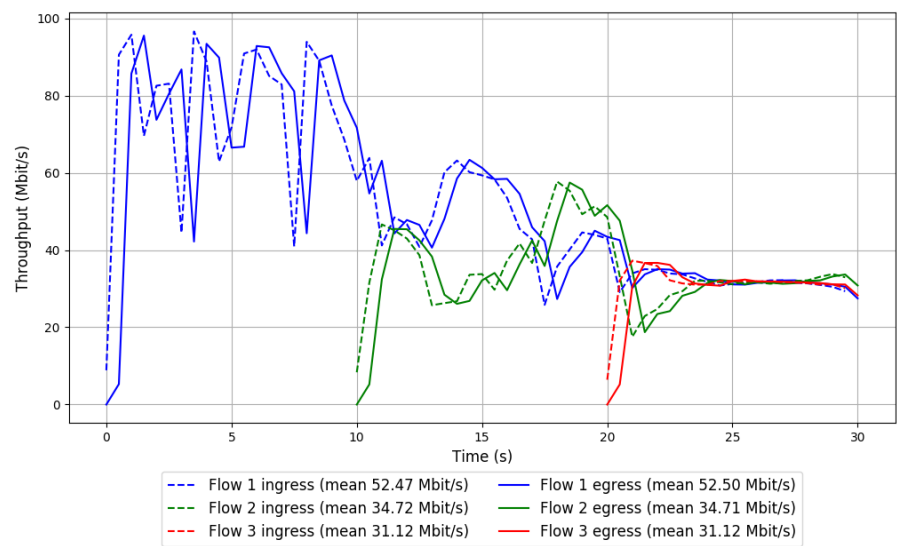


Run 10: Statistics of Copa

Start at: 2018-08-10 05:03:14
End at: 2018-08-10 05:03:44
Local clock offset: -0.291 ms
Remote clock offset: -1.488 ms

Below is generated by plot.py at 2018-08-10 05:24:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.90 Mbit/s
95th percentile per-packet one-way delay: 44.963 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 52.50 Mbit/s
95th percentile per-packet one-way delay: 44.430 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 46.669 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 44.236 ms
Loss rate: 0.66%

Run 10: Report of Copa — Data Link

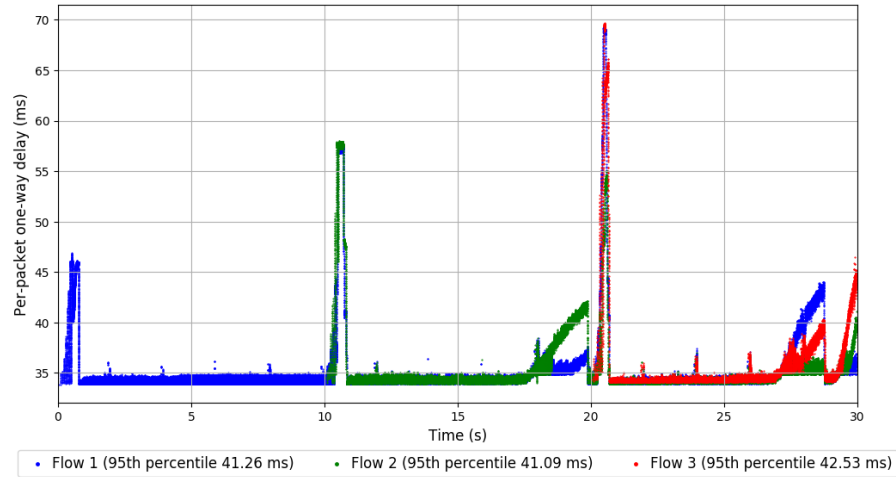
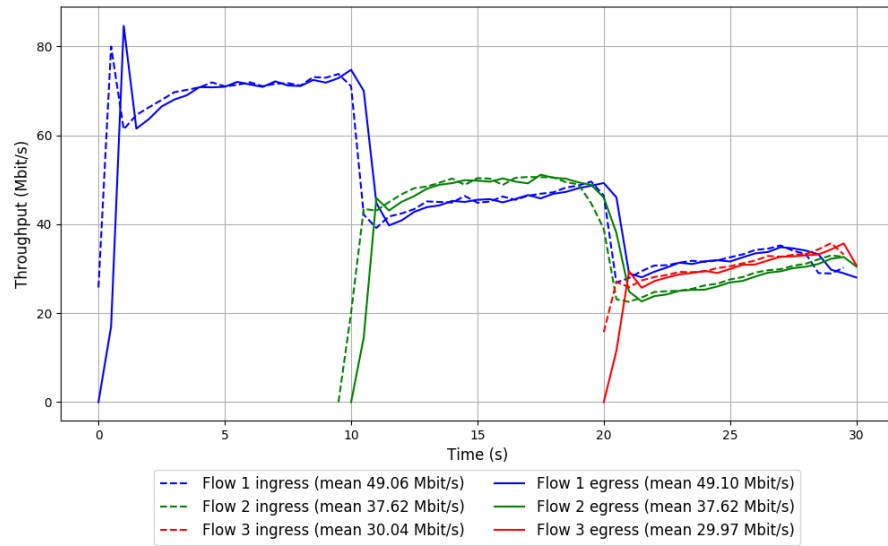


Run 1: Statistics of TCP Cubic

Start at: 2018-08-10 01:35:24
End at: 2018-08-10 01:35:54
Local clock offset: 0.054 ms
Remote clock offset: -1.096 ms

Below is generated by plot.py at 2018-08-10 05:24:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: 41.262 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 49.10 Mbit/s
95th percentile per-packet one-way delay: 41.259 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 41.088 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 29.97 Mbit/s
95th percentile per-packet one-way delay: 42.529 ms
Loss rate: 0.89%

Run 1: Report of TCP Cubic — Data Link

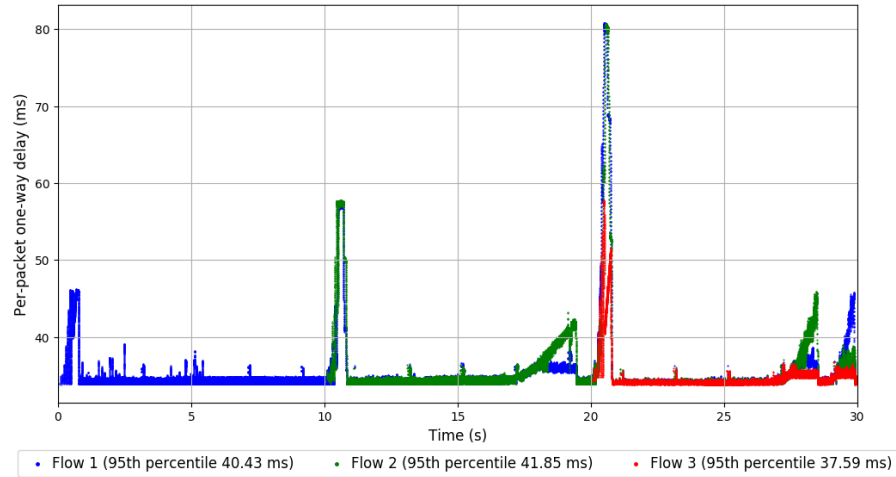
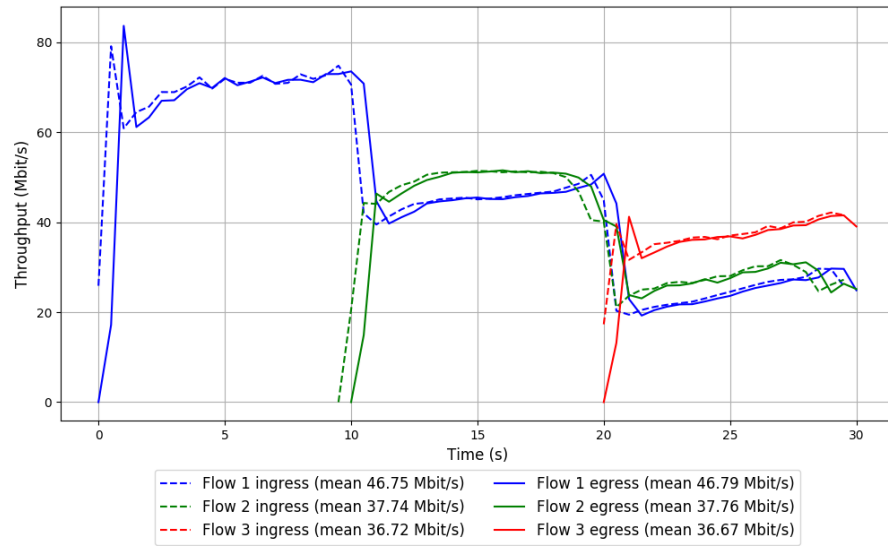


Run 2: Statistics of TCP Cubic

Start at: 2018-08-10 01:58:47
End at: 2018-08-10 01:59:17
Local clock offset: -0.331 ms
Remote clock offset: -1.764 ms

Below is generated by plot.py at 2018-08-10 05:24:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.08 Mbit/s
95th percentile per-packet one-way delay: 41.174 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 40.433 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 37.76 Mbit/s
95th percentile per-packet one-way delay: 41.847 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 36.67 Mbit/s
95th percentile per-packet one-way delay: 37.589 ms
Loss rate: 0.80%

Run 2: Report of TCP Cubic — Data Link

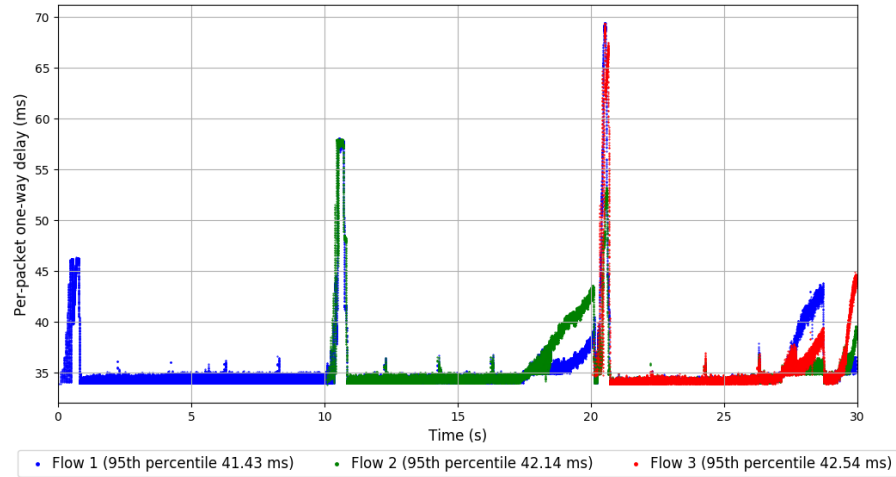
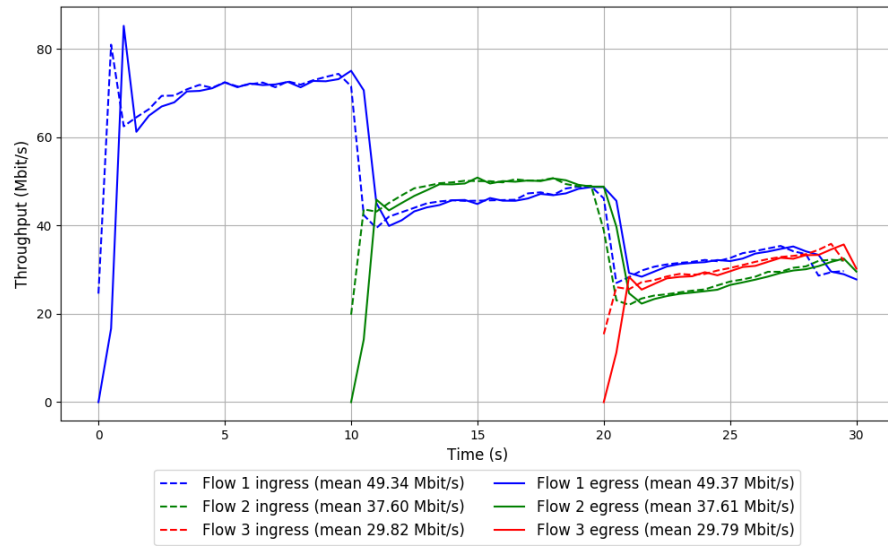


Run 3: Statistics of TCP Cubic

Start at: 2018-08-10 02:21:40
End at: 2018-08-10 02:22:10
Local clock offset: -0.249 ms
Remote clock offset: -2.974 ms

Below is generated by plot.py at 2018-08-10 05:24:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.27 Mbit/s
95th percentile per-packet one-way delay: 41.738 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 49.37 Mbit/s
95th percentile per-packet one-way delay: 41.431 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 42.137 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 29.79 Mbit/s
95th percentile per-packet one-way delay: 42.540 ms
Loss rate: 0.74%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-08-10 02:44:45

End at: 2018-08-10 02:45:15

Local clock offset: -0.163 ms

Remote clock offset: -2.35 ms

Below is generated by plot.py at 2018-08-10 05:24:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.73 Mbit/s

95th percentile per-packet one-way delay: 41.838 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 56.06 Mbit/s

95th percentile per-packet one-way delay: 41.507 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 41.28 Mbit/s

95th percentile per-packet one-way delay: 41.700 ms

Loss rate: 0.38%

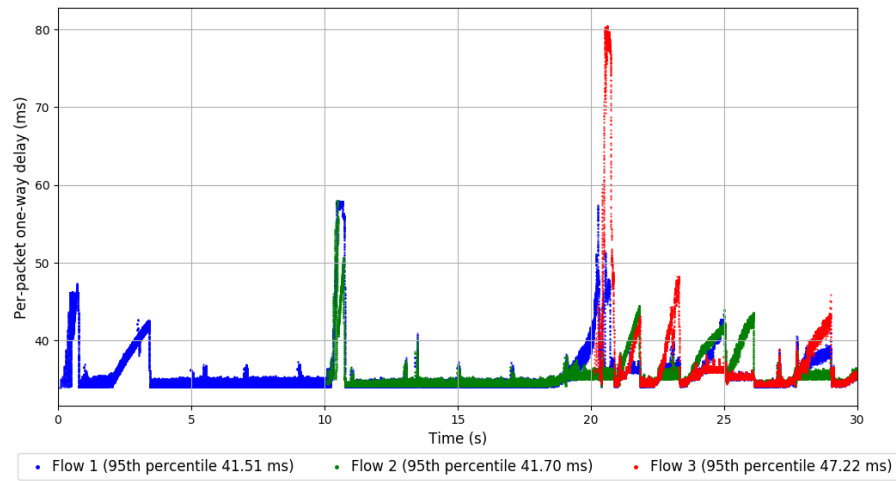
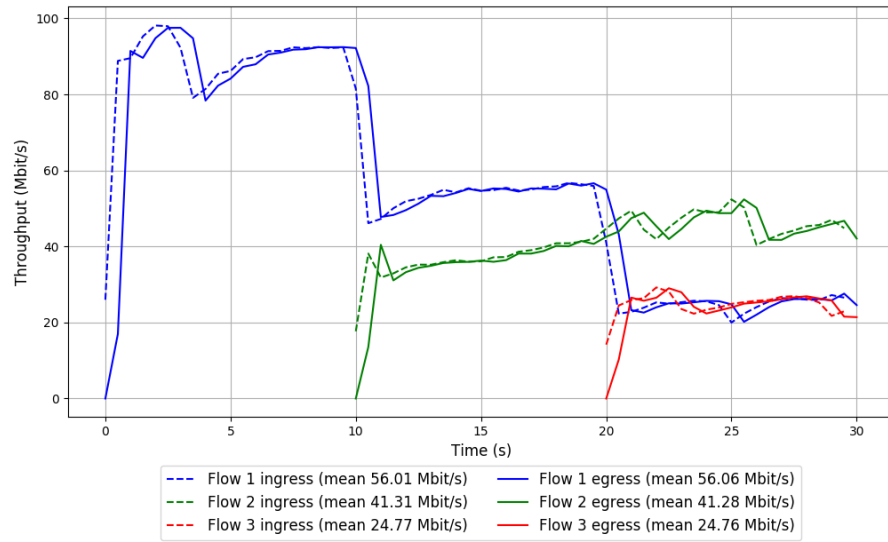
-- Flow 3:

Average throughput: 24.76 Mbit/s

95th percentile per-packet one-way delay: 47.218 ms

Loss rate: 0.69%

Run 4: Report of TCP Cubic — Data Link

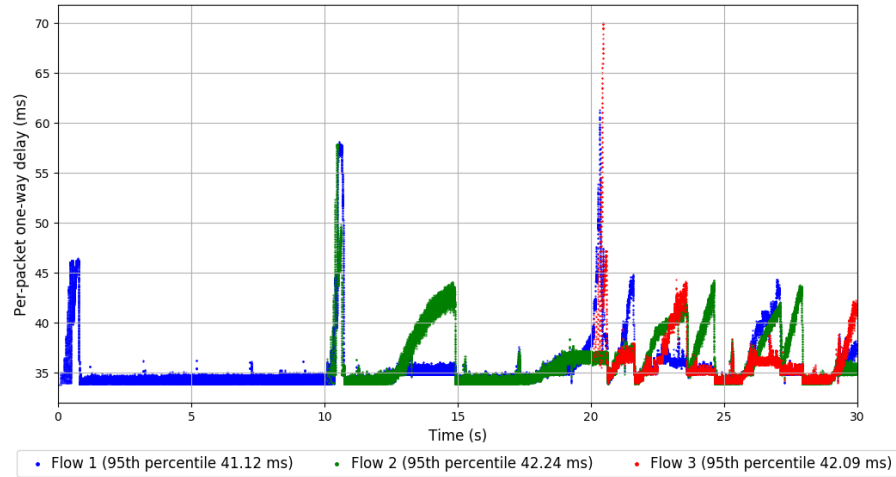
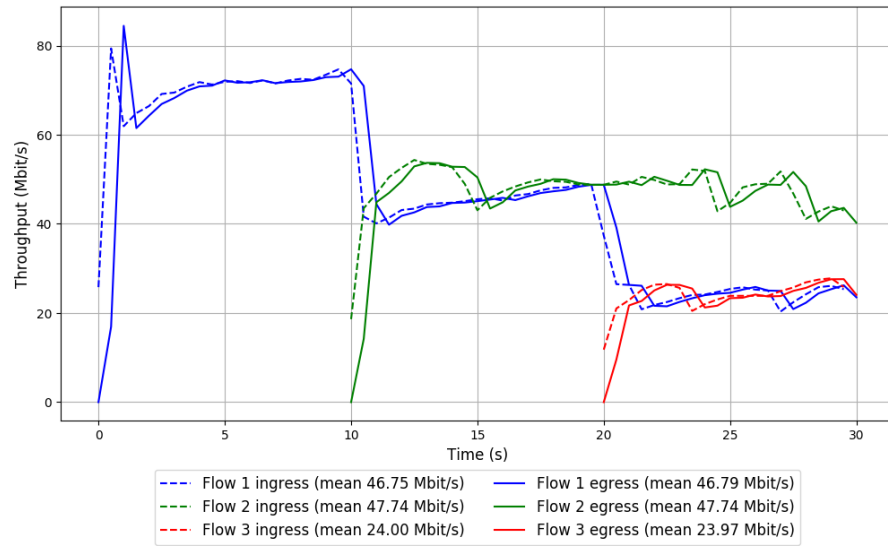


Run 5: Statistics of TCP Cubic

Start at: 2018-08-10 03:07:51
End at: 2018-08-10 03:08:21
Local clock offset: -0.31 ms
Remote clock offset: -1.087 ms

Below is generated by plot.py at 2018-08-10 05:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.50 Mbit/s
95th percentile per-packet one-way delay: 41.974 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 41.118 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 47.74 Mbit/s
95th percentile per-packet one-way delay: 42.240 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 42.092 ms
Loss rate: 0.80%

Run 5: Report of TCP Cubic — Data Link

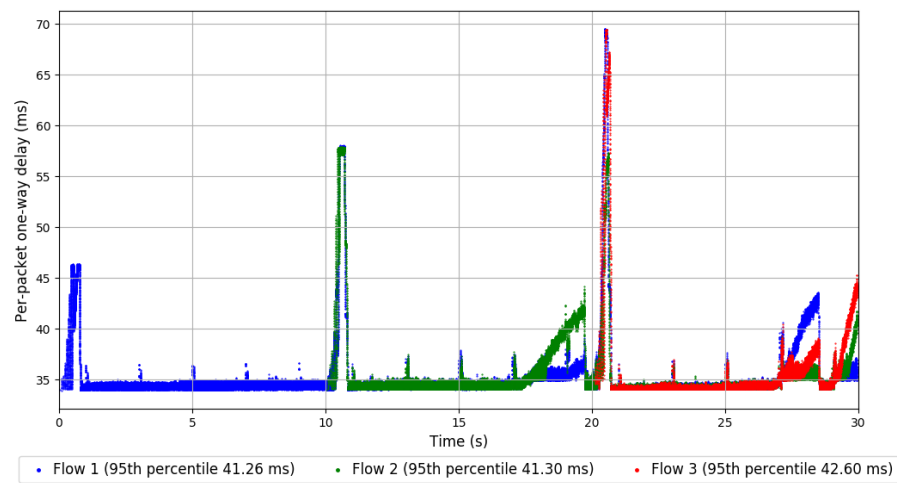
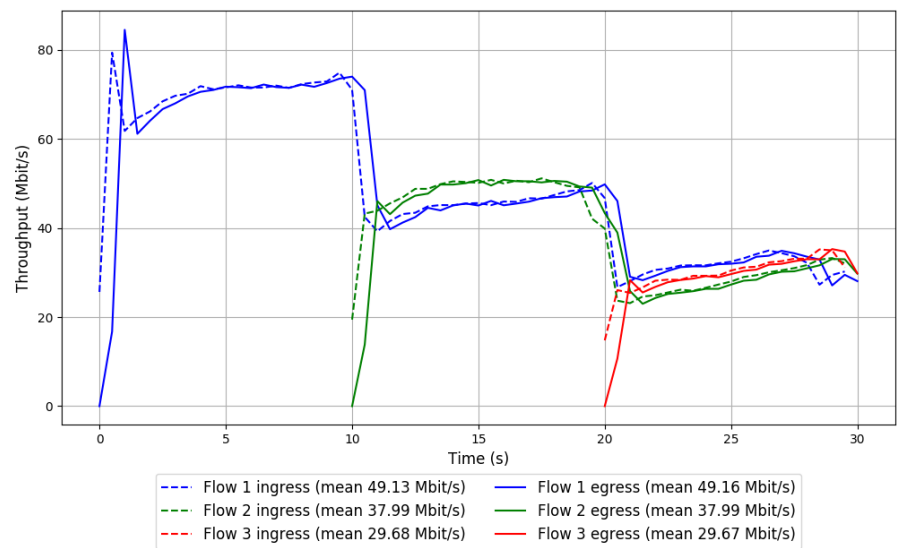


Run 6: Statistics of TCP Cubic

Start at: 2018-08-10 03:31:03
End at: 2018-08-10 03:31:33
Local clock offset: -0.364 ms
Remote clock offset: -0.241 ms

Below is generated by plot.py at 2018-08-10 05:24:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.25 Mbit/s
95th percentile per-packet one-way delay: 41.353 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 49.16 Mbit/s
95th percentile per-packet one-way delay: 41.260 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 41.303 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 29.67 Mbit/s
95th percentile per-packet one-way delay: 42.603 ms
Loss rate: 0.69%

Run 6: Report of TCP Cubic — Data Link

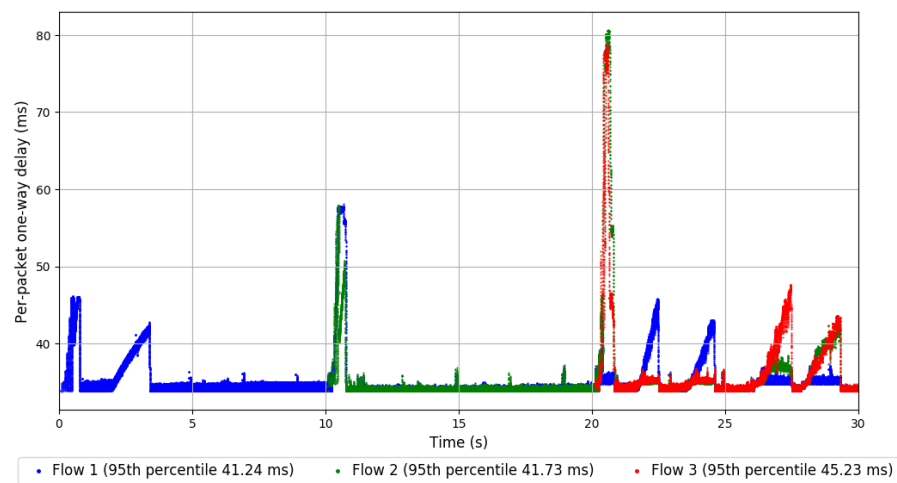
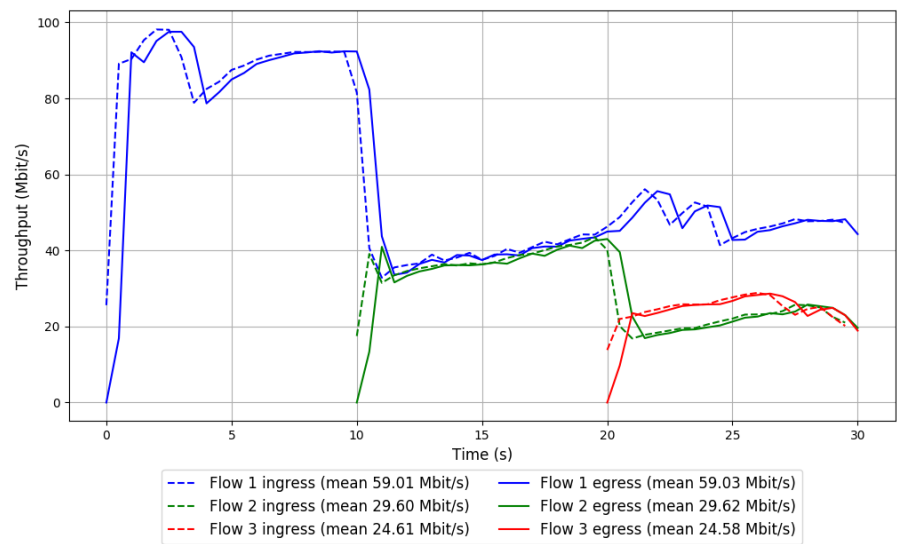


Run 7: Statistics of TCP Cubic

Start at: 2018-08-10 03:54:39
End at: 2018-08-10 03:55:09
Local clock offset: -0.326 ms
Remote clock offset: -1.135 ms

Below is generated by plot.py at 2018-08-10 05:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.87 Mbit/s
95th percentile per-packet one-way delay: 41.750 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 59.03 Mbit/s
95th percentile per-packet one-way delay: 41.240 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 41.727 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 45.228 ms
Loss rate: 0.76%

Run 7: Report of TCP Cubic — Data Link

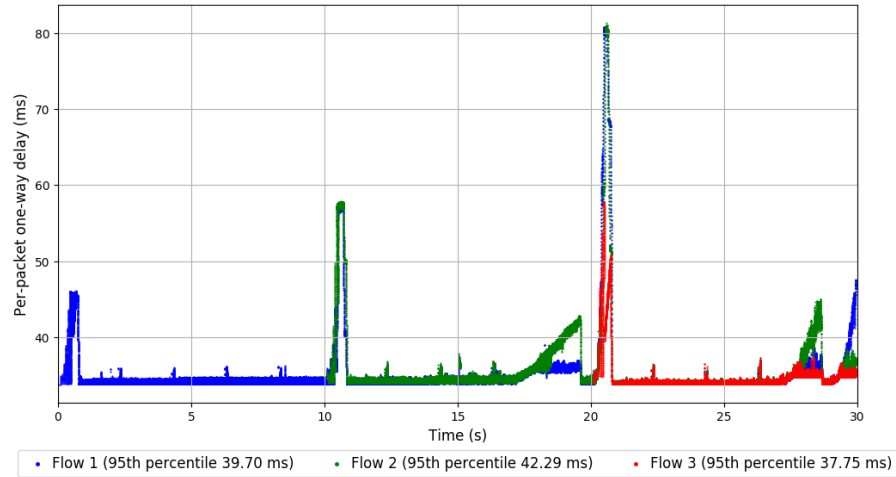
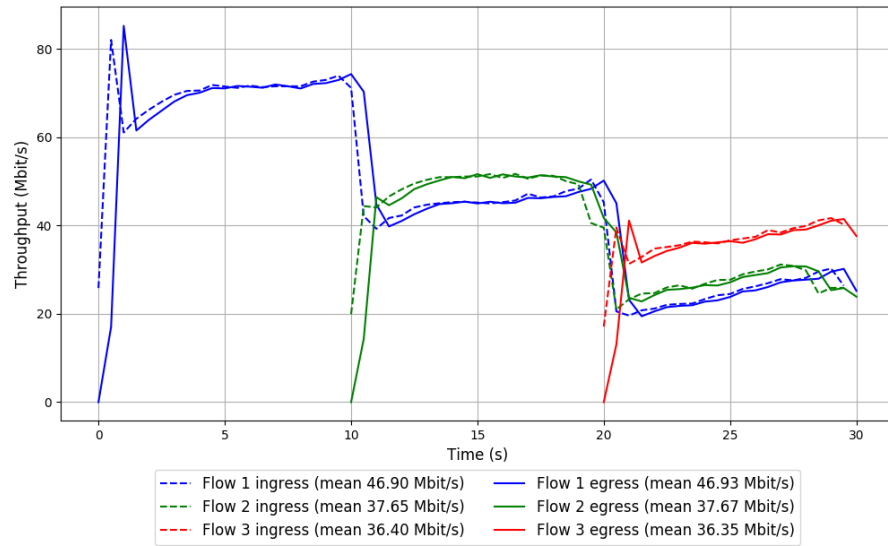


Run 8: Statistics of TCP Cubic

Start at: 2018-08-10 04:18:00
End at: 2018-08-10 04:18:30
Local clock offset: -0.271 ms
Remote clock offset: -1.588 ms

Below is generated by plot.py at 2018-08-10 05:24:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.02 Mbit/s
95th percentile per-packet one-way delay: 41.381 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 46.93 Mbit/s
95th percentile per-packet one-way delay: 39.702 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 37.67 Mbit/s
95th percentile per-packet one-way delay: 42.288 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 37.752 ms
Loss rate: 0.79%

Run 8: Report of TCP Cubic — Data Link

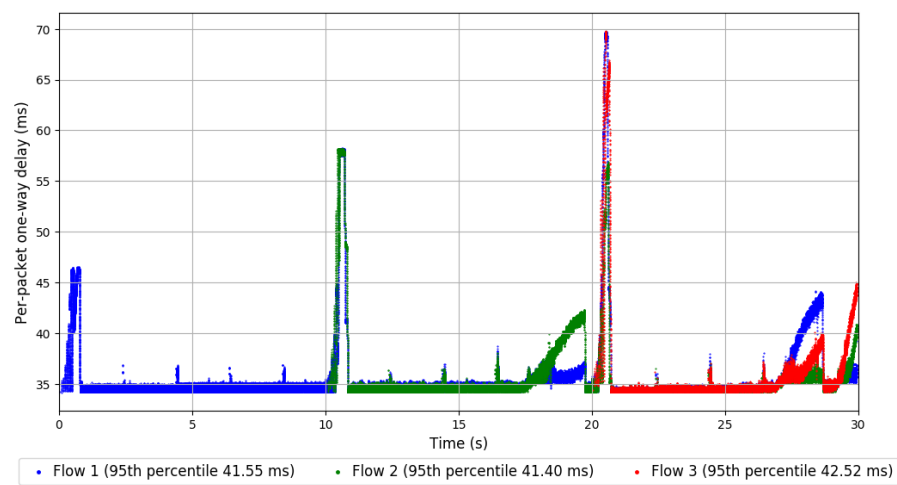
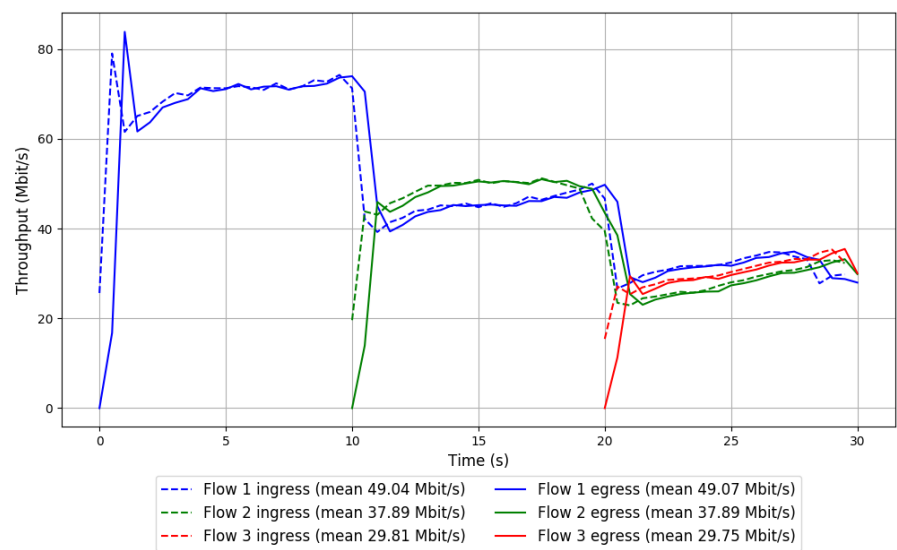


Run 9: Statistics of TCP Cubic

Start at: 2018-08-10 04:41:20
End at: 2018-08-10 04:41:50
Local clock offset: -0.21 ms
Remote clock offset: -1.924 ms

Below is generated by plot.py at 2018-08-10 05:24:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 41.523 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 41.549 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: 41.396 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 42.521 ms
Loss rate: 0.86%

Run 9: Report of TCP Cubic — Data Link

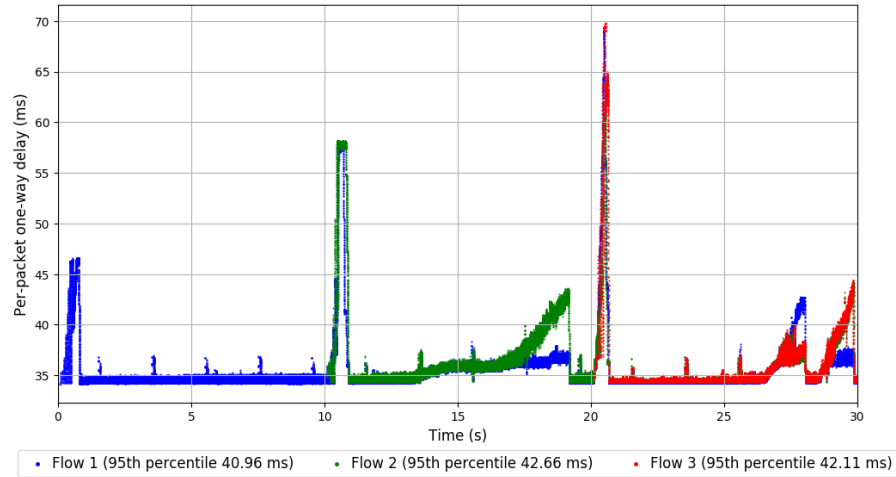
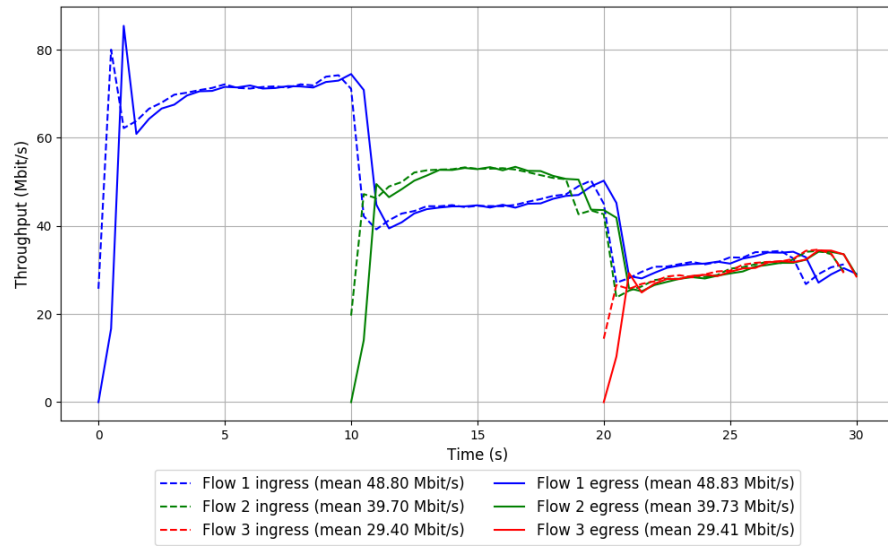


Run 10: Statistics of TCP Cubic

Start at: 2018-08-10 05:04:44
End at: 2018-08-10 05:05:14
Local clock offset: -0.289 ms
Remote clock offset: -1.604 ms

Below is generated by plot.py at 2018-08-10 05:24:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.00 Mbit/s
95th percentile per-packet one-way delay: 41.933 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 48.83 Mbit/s
95th percentile per-packet one-way delay: 40.963 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 42.663 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 29.41 Mbit/s
95th percentile per-packet one-way delay: 42.114 ms
Loss rate: 0.61%

Run 10: Report of TCP Cubic — Data Link

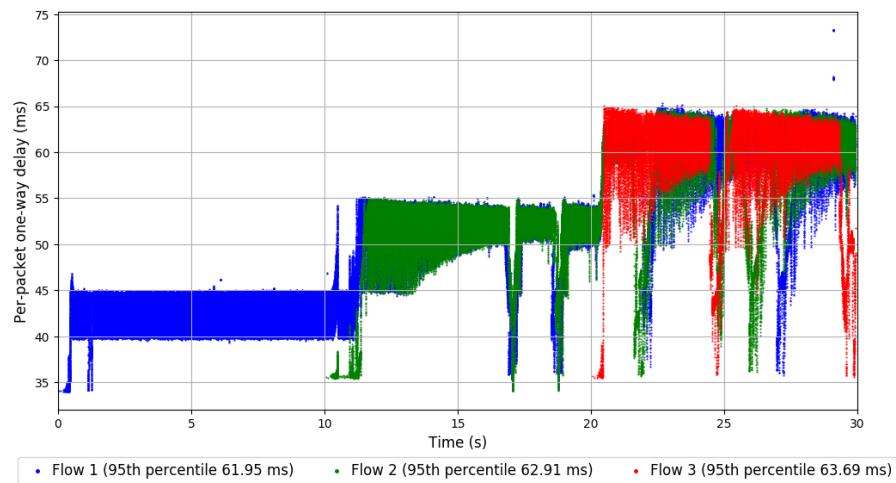
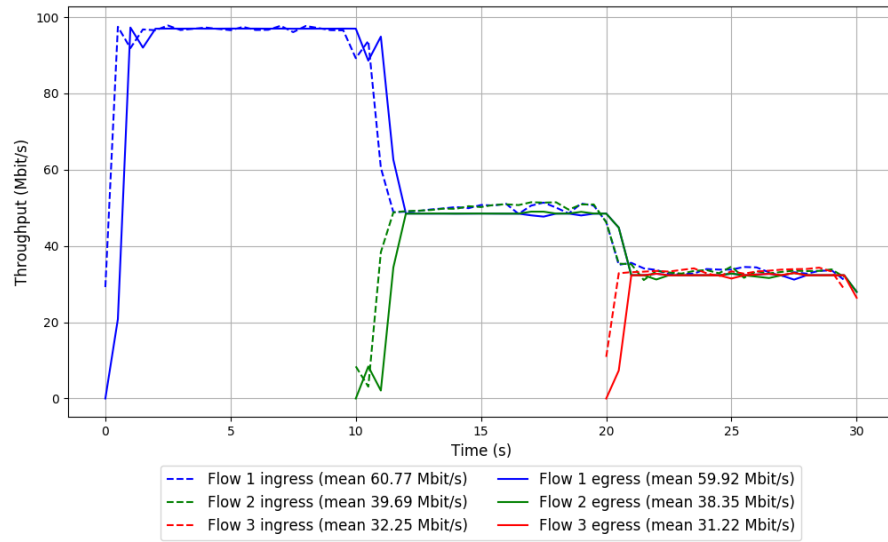


Run 1: Statistics of FillP

Start at: 2018-08-10 01:20:18
End at: 2018-08-10 01:20:48
Local clock offset: 0.166 ms
Remote clock offset: -1.105 ms

Below is generated by plot.py at 2018-08-10 05:25:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 62.811 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 59.92 Mbit/s
95th percentile per-packet one-way delay: 61.952 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 38.35 Mbit/s
95th percentile per-packet one-way delay: 62.915 ms
Loss rate: 3.75%
-- Flow 3:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 63.687 ms
Loss rate: 3.80%

Run 1: Report of FillP — Data Link

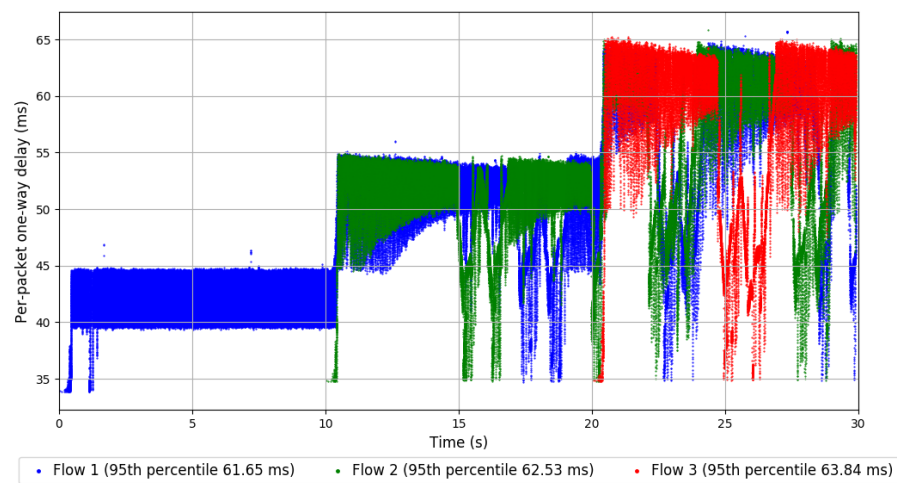
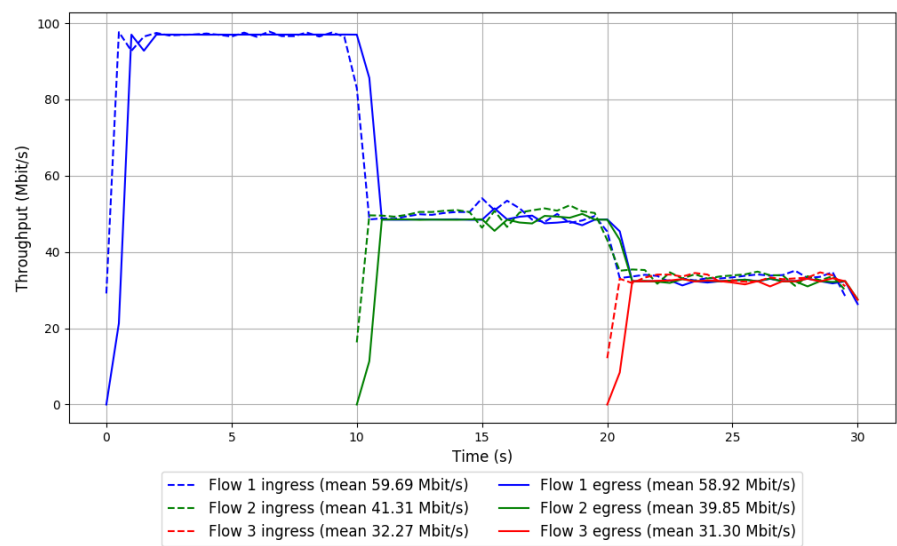


Run 2: Statistics of FillP

Start at: 2018-08-10 01:43:35
End at: 2018-08-10 01:44:05
Local clock offset: 0.079 ms
Remote clock offset: -1.141 ms

Below is generated by plot.py at 2018-08-10 05:26:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 62.657 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 61.647 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 62.535 ms
Loss rate: 3.91%
-- Flow 3:
Average throughput: 31.30 Mbit/s
95th percentile per-packet one-way delay: 63.843 ms
Loss rate: 3.76%

Run 2: Report of FillP — Data Link

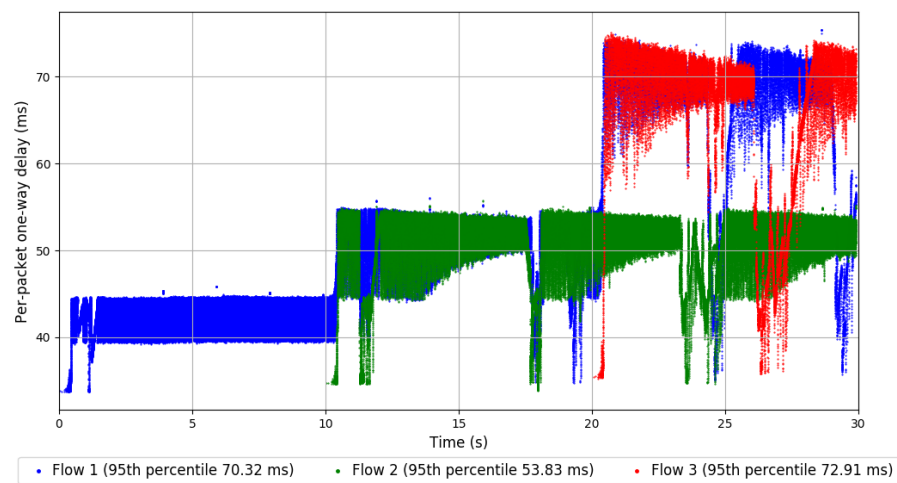
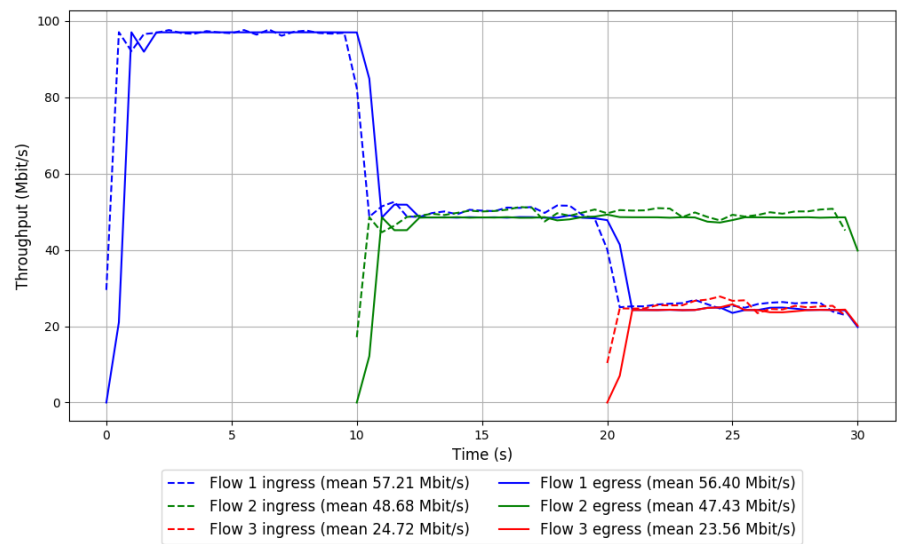


Run 3: Statistics of FillP

Start at: 2018-08-10 02:06:52
End at: 2018-08-10 02:07:22
Local clock offset: -0.386 ms
Remote clock offset: -2.203 ms

Below is generated by plot.py at 2018-08-10 05:26:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 70.613 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 70.323 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 47.43 Mbit/s
95th percentile per-packet one-way delay: 53.829 ms
Loss rate: 2.94%
-- Flow 3:
Average throughput: 23.56 Mbit/s
95th percentile per-packet one-way delay: 72.908 ms
Loss rate: 5.45%

Run 3: Report of FillP — Data Link

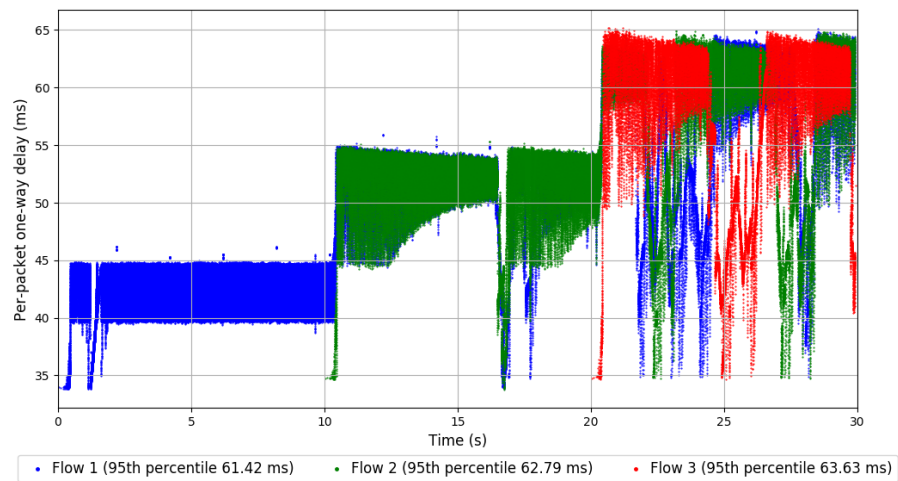
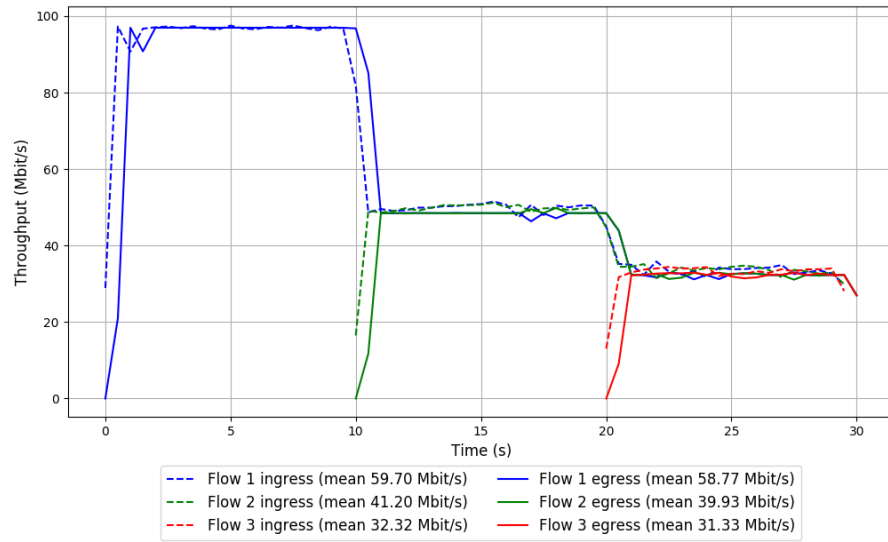


Run 4: Statistics of FillP

Start at: 2018-08-10 02:29:52
End at: 2018-08-10 02:30:22
Local clock offset: -0.293 ms
Remote clock offset: -3.146 ms

Below is generated by plot.py at 2018-08-10 05:26:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 62.636 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 61.421 ms
Loss rate: 1.78%
-- Flow 2:
Average throughput: 39.93 Mbit/s
95th percentile per-packet one-way delay: 62.789 ms
Loss rate: 3.44%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 63.635 ms
Loss rate: 3.64%

Run 4: Report of FillP — Data Link

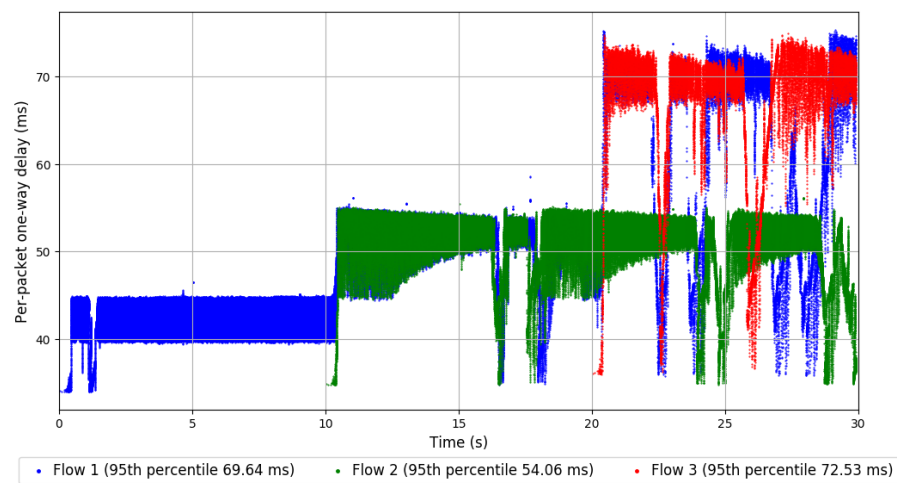
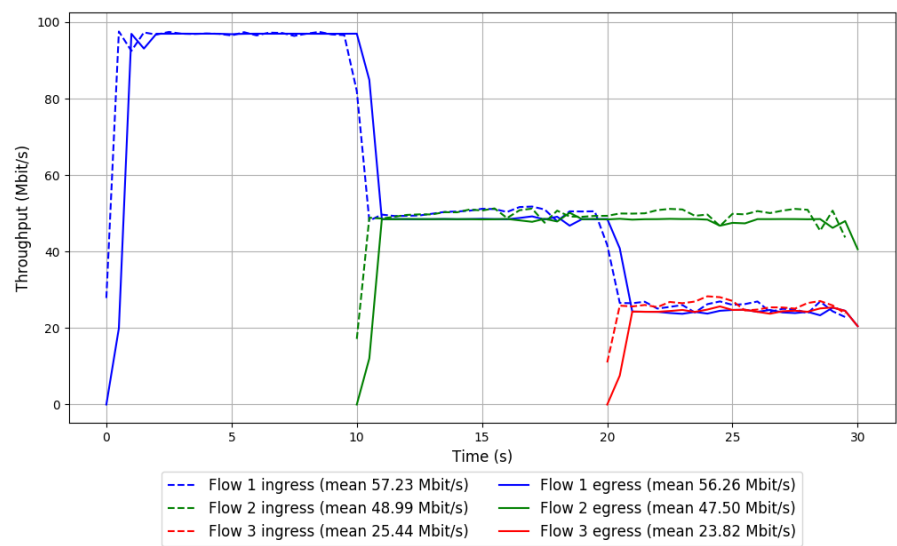


Run 5: Statistics of FillP

Start at: 2018-08-10 02:52:53
End at: 2018-08-10 02:53:23
Local clock offset: -0.307 ms
Remote clock offset: -1.891 ms

Below is generated by plot.py at 2018-08-10 05:26:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 70.388 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 69.638 ms
Loss rate: 1.94%
-- Flow 2:
Average throughput: 47.50 Mbit/s
95th percentile per-packet one-way delay: 54.062 ms
Loss rate: 3.35%
-- Flow 3:
Average throughput: 23.82 Mbit/s
95th percentile per-packet one-way delay: 72.526 ms
Loss rate: 7.09%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-08-10 03:15:58

End at: 2018-08-10 03:16:28

Local clock offset: -0.331 ms

Remote clock offset: -0.99 ms

Below is generated by plot.py at 2018-08-10 05:26:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.70 Mbit/s

95th percentile per-packet one-way delay: 62.987 ms

Loss rate: 2.28%

-- Flow 1:

Average throughput: 58.84 Mbit/s

95th percentile per-packet one-way delay: 61.921 ms

Loss rate: 1.39%

-- Flow 2:

Average throughput: 39.91 Mbit/s

95th percentile per-packet one-way delay: 63.149 ms

Loss rate: 3.62%

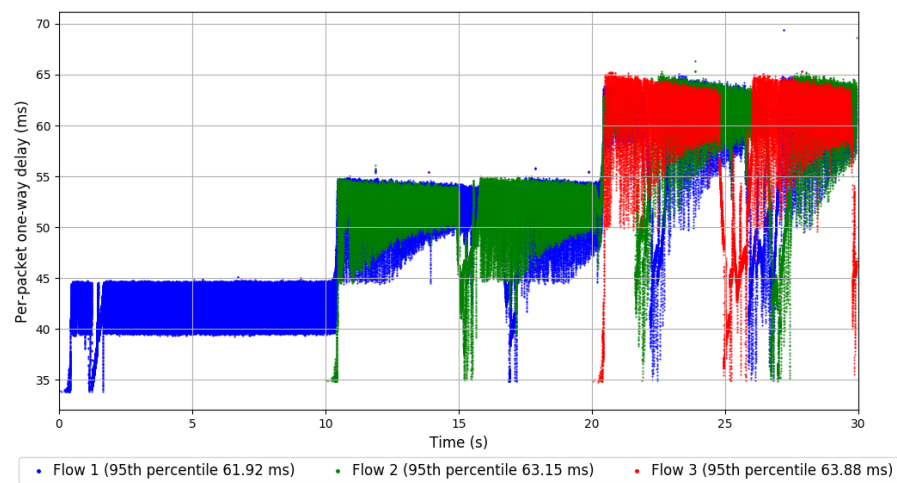
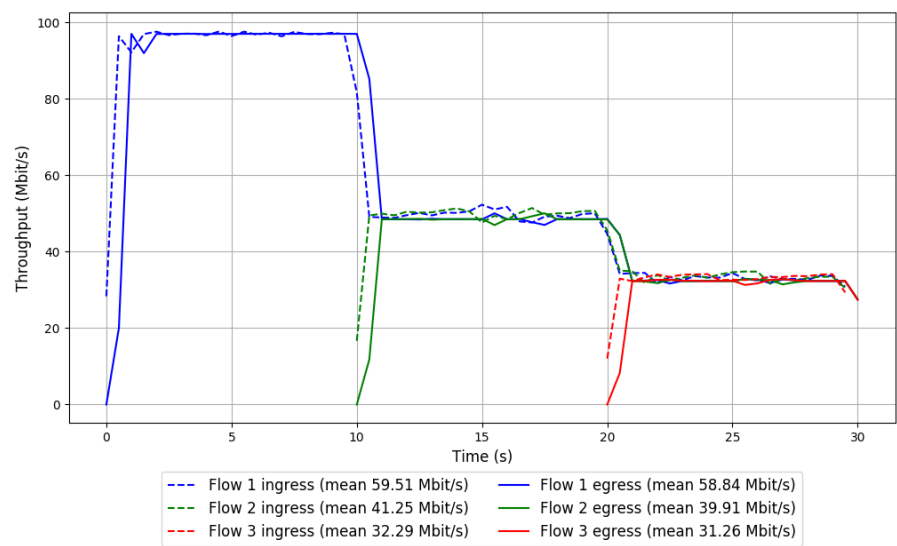
-- Flow 3:

Average throughput: 31.26 Mbit/s

95th percentile per-packet one-way delay: 63.875 ms

Loss rate: 3.81%

Run 6: Report of FillP — Data Link

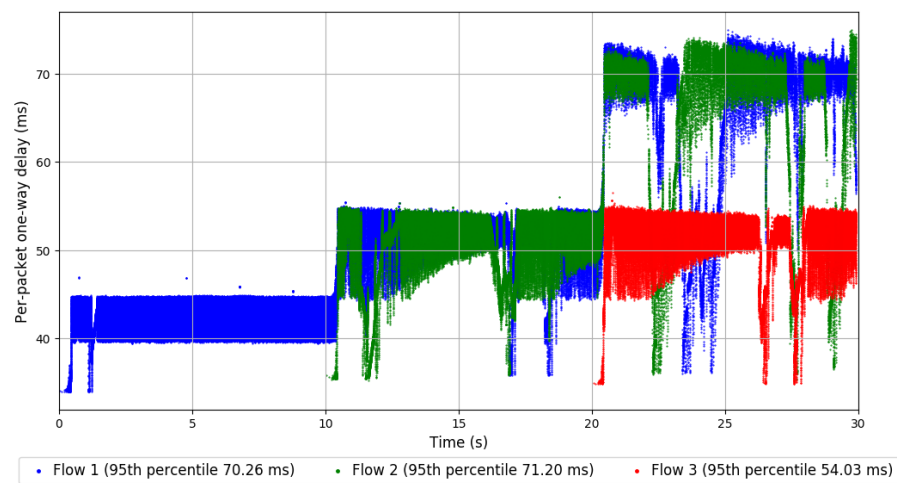
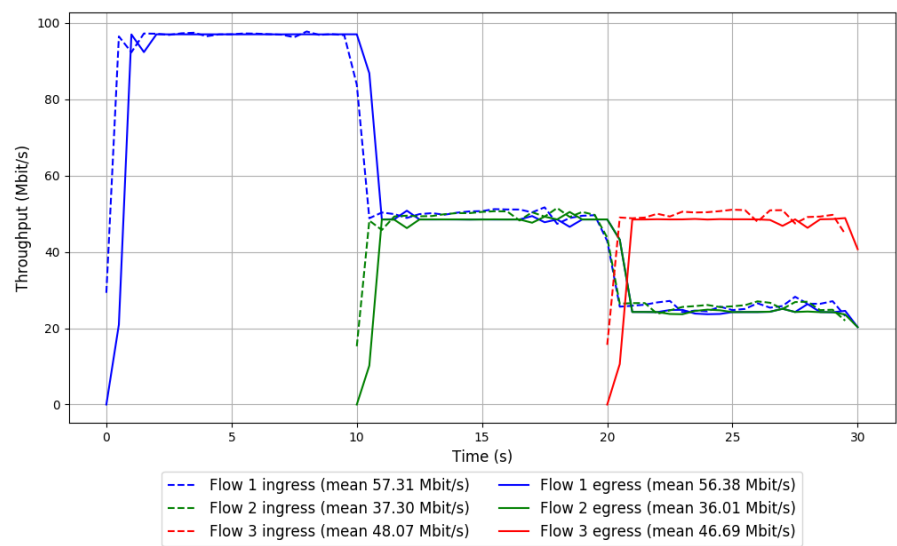


Run 7: Statistics of FillP

Start at: 2018-08-10 03:39:21
End at: 2018-08-10 03:39:51
Local clock offset: -0.408 ms
Remote clock offset: -0.786 ms

Below is generated by plot.py at 2018-08-10 05:26:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 70.409 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 56.38 Mbit/s
95th percentile per-packet one-way delay: 70.264 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 36.01 Mbit/s
95th percentile per-packet one-way delay: 71.202 ms
Loss rate: 3.79%
-- Flow 3:
Average throughput: 46.69 Mbit/s
95th percentile per-packet one-way delay: 54.029 ms
Loss rate: 3.60%

Run 7: Report of FillP — Data Link

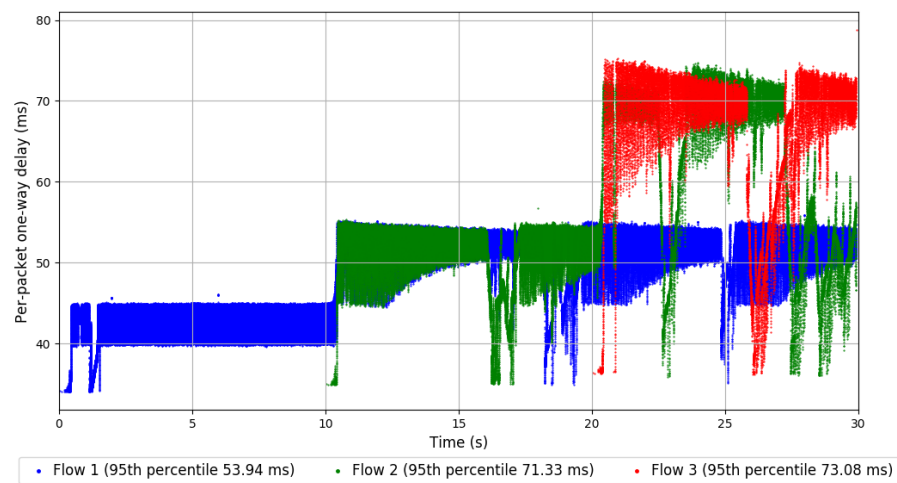
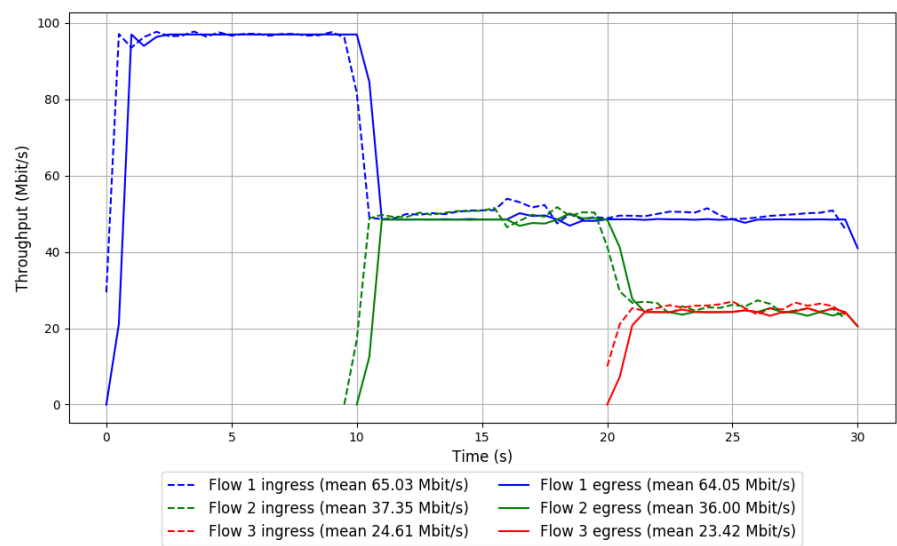


Run 8: Statistics of FillP

Start at: 2018-08-10 04:02:56
End at: 2018-08-10 04:03:26
Local clock offset: -0.202 ms
Remote clock offset: -1.247 ms

Below is generated by plot.py at 2018-08-10 05:26:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 70.557 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 64.05 Mbit/s
95th percentile per-packet one-way delay: 53.935 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 36.00 Mbit/s
95th percentile per-packet one-way delay: 71.334 ms
Loss rate: 3.92%
-- Flow 3:
Average throughput: 23.42 Mbit/s
95th percentile per-packet one-way delay: 73.083 ms
Loss rate: 5.58%

Run 8: Report of FillP — Data Link

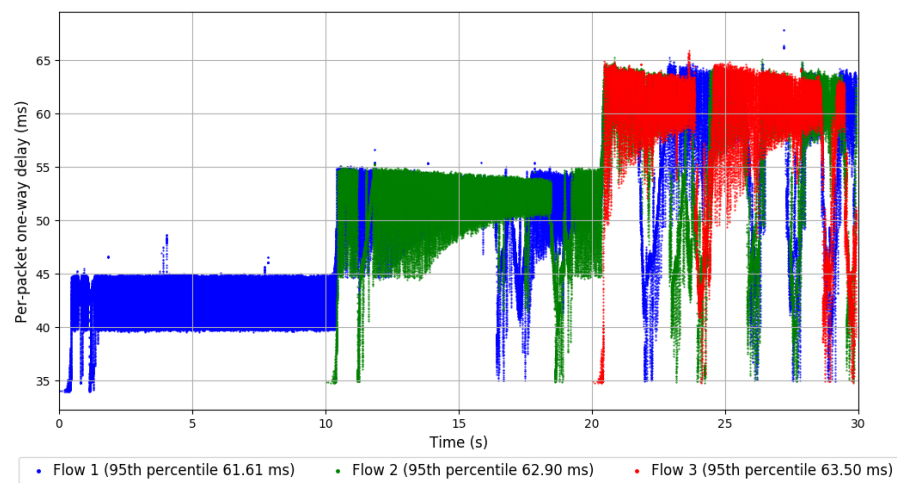
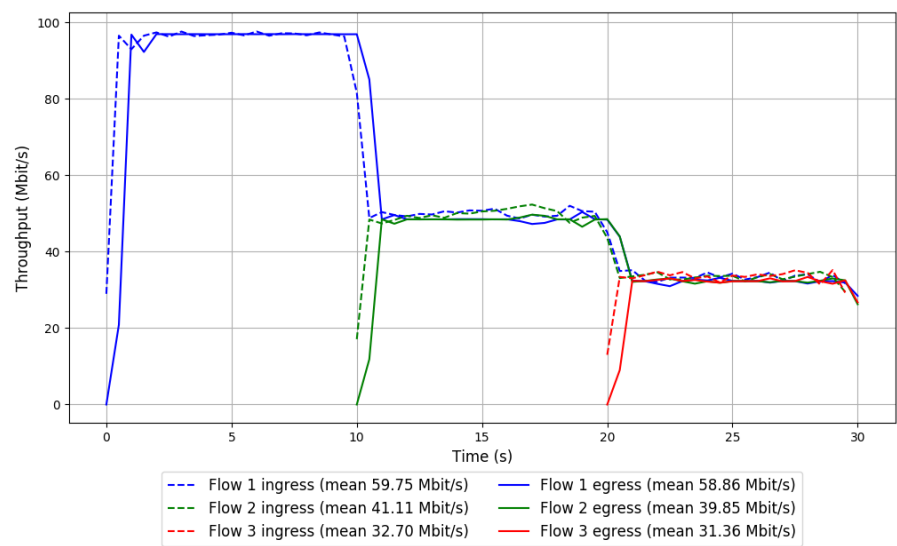


Run 9: Statistics of FillP

Start at: 2018-08-10 04:26:12
End at: 2018-08-10 04:26:42
Local clock offset: -0.183 ms
Remote clock offset: -1.789 ms

Below is generated by plot.py at 2018-08-10 05:27:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 62.646 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 61.610 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 62.904 ms
Loss rate: 3.35%
-- Flow 3:
Average throughput: 31.36 Mbit/s
95th percentile per-packet one-way delay: 63.499 ms
Loss rate: 4.67%

Run 9: Report of FillP — Data Link

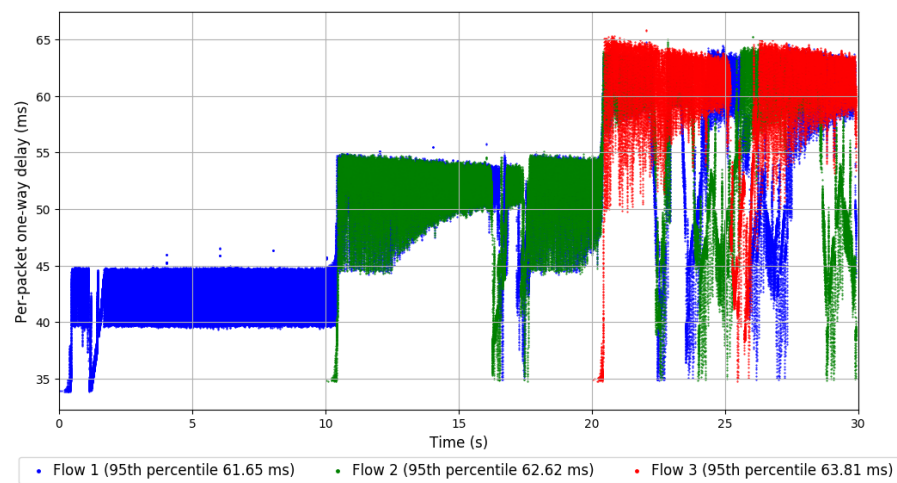
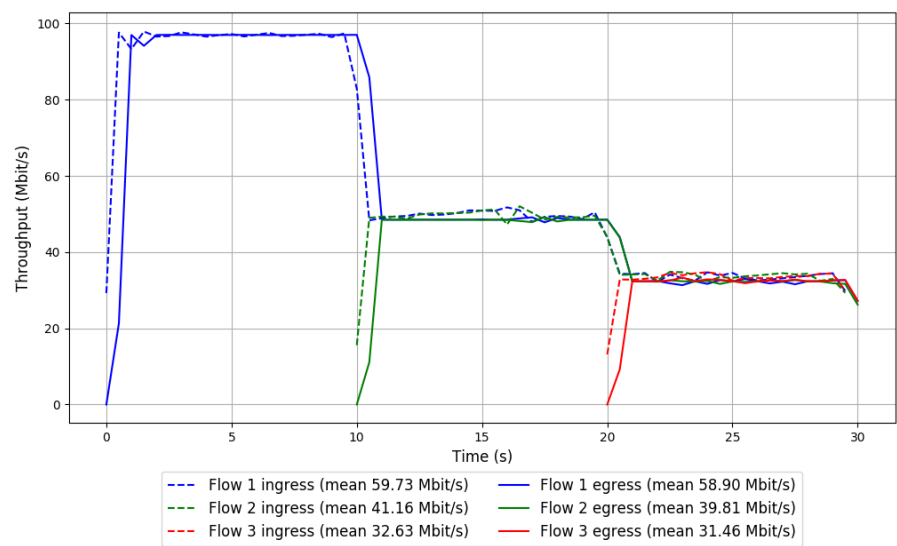


Run 10: Statistics of FillP

Start at: 2018-08-10 04:49:34
End at: 2018-08-10 04:50:04
Local clock offset: -0.256 ms
Remote clock offset: -1.661 ms

Below is generated by plot.py at 2018-08-10 05:27:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 62.700 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 61.645 ms
Loss rate: 1.61%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 62.618 ms
Loss rate: 3.56%
-- Flow 3:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 63.811 ms
Loss rate: 4.13%

Run 10: Report of FillP — Data Link

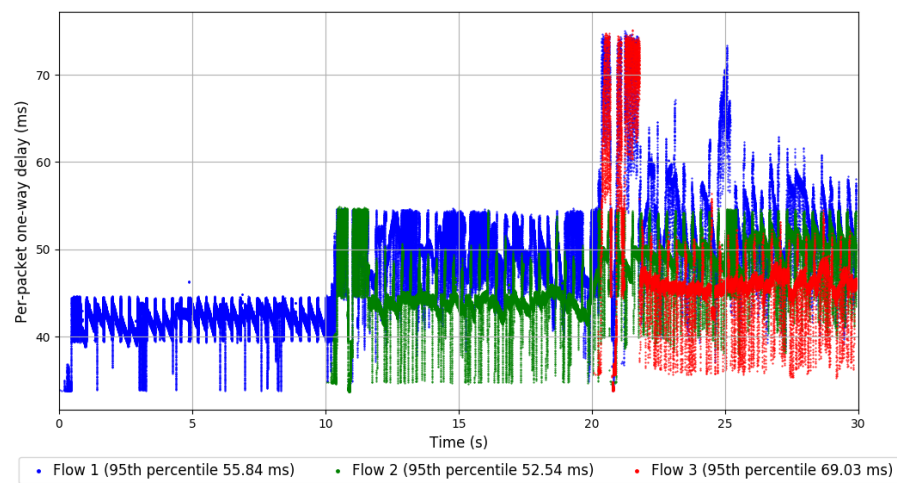
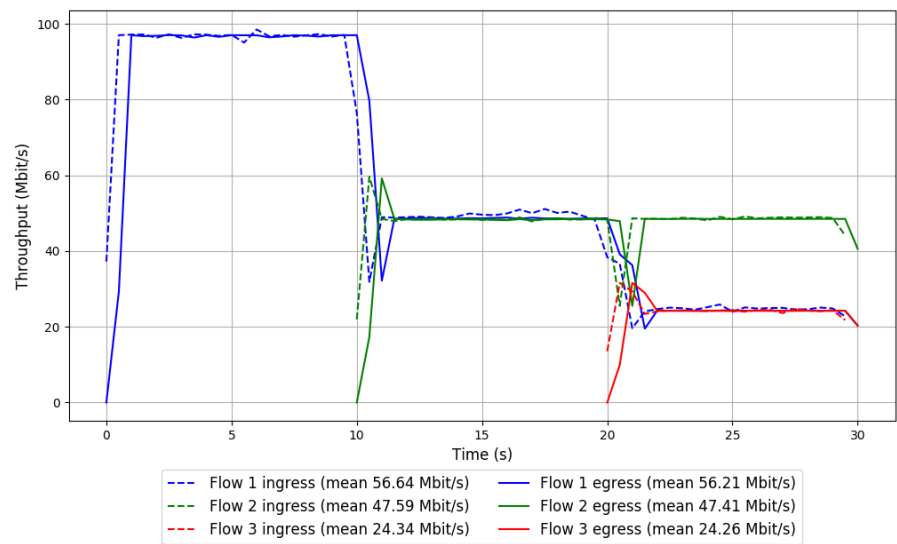


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-10 01:23:03
End at: 2018-08-10 01:23:33
Local clock offset: 0.101 ms
Remote clock offset: -1.061 ms

Below is generated by plot.py at 2018-08-10 05:27:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 54.211 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 56.21 Mbit/s
95th percentile per-packet one-way delay: 55.838 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 47.41 Mbit/s
95th percentile per-packet one-way delay: 52.538 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 69.029 ms
Loss rate: 1.01%

Run 1: Report of FillP-Sheep — Data Link

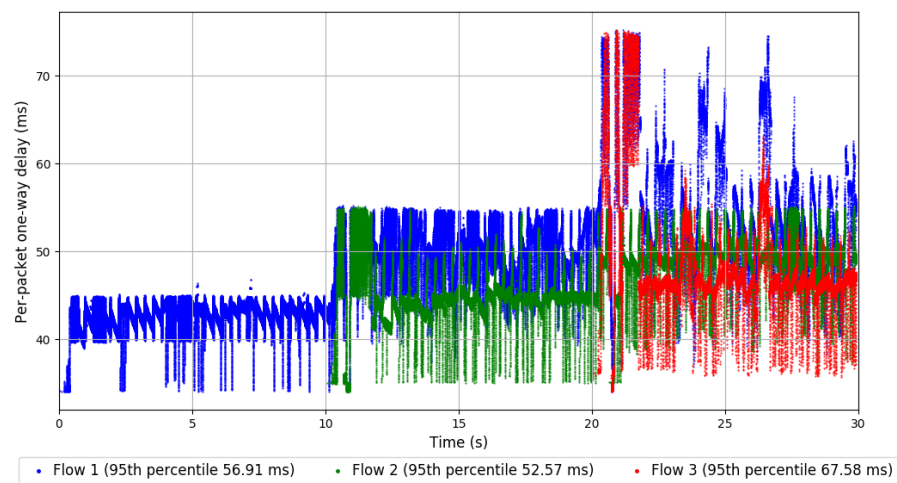
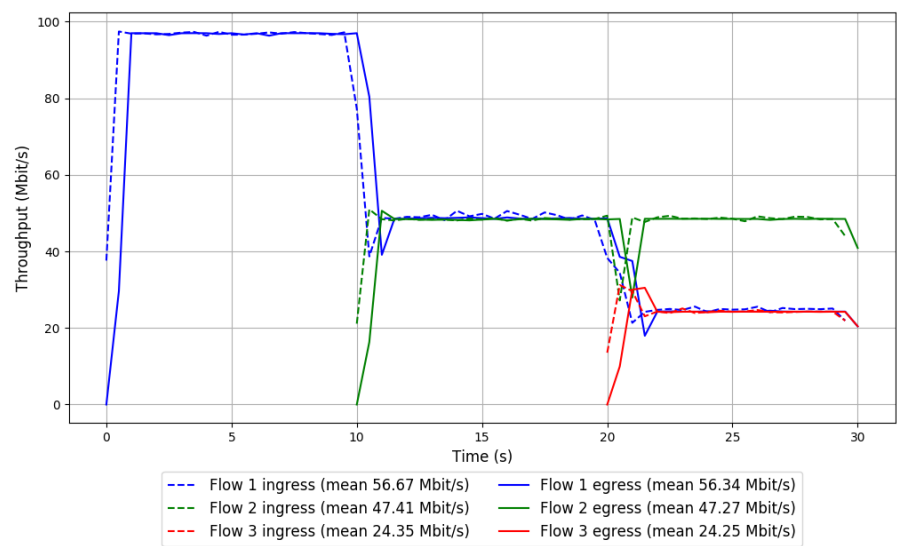


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-10 01:46:37
End at: 2018-08-10 01:47:07
Local clock offset: 0.037 ms
Remote clock offset: -1.397 ms

Below is generated by plot.py at 2018-08-10 05:27:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 54.831 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 56.34 Mbit/s
95th percentile per-packet one-way delay: 56.905 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 52.572 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 67.575 ms
Loss rate: 1.07%

Run 2: Report of FillP-Sheep — Data Link

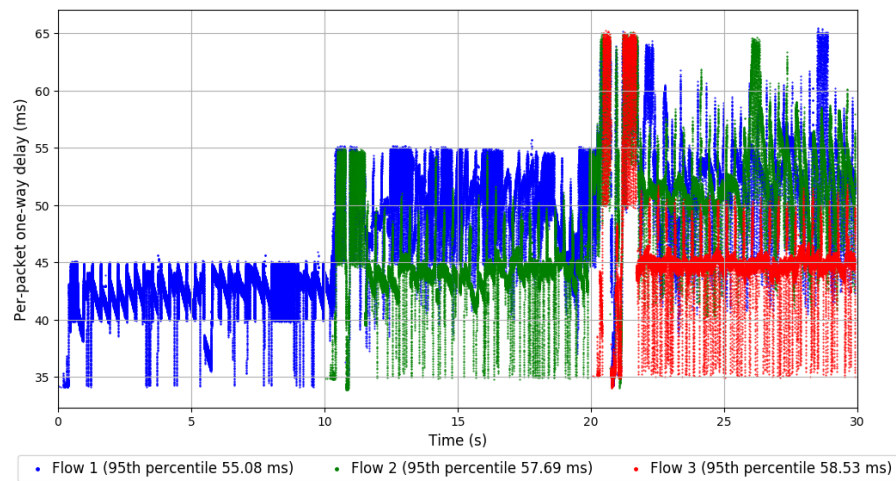
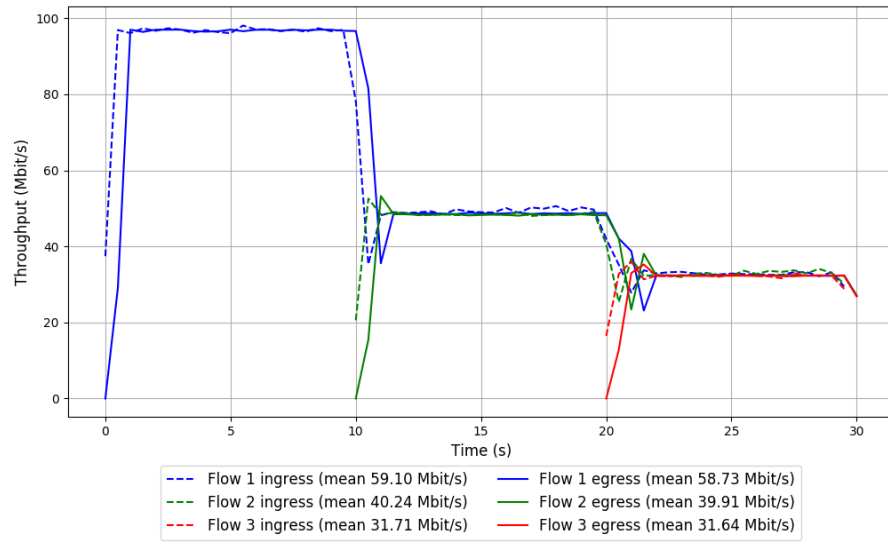


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-10 02:09:36
End at: 2018-08-10 02:10:06
Local clock offset: -0.324 ms
Remote clock offset: -2.469 ms

Below is generated by plot.py at 2018-08-10 05:27:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 56.225 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 58.73 Mbit/s
95th percentile per-packet one-way delay: 55.078 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 57.687 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 58.534 ms
Loss rate: 0.89%

Run 3: Report of FillP-Sheep — Data Link

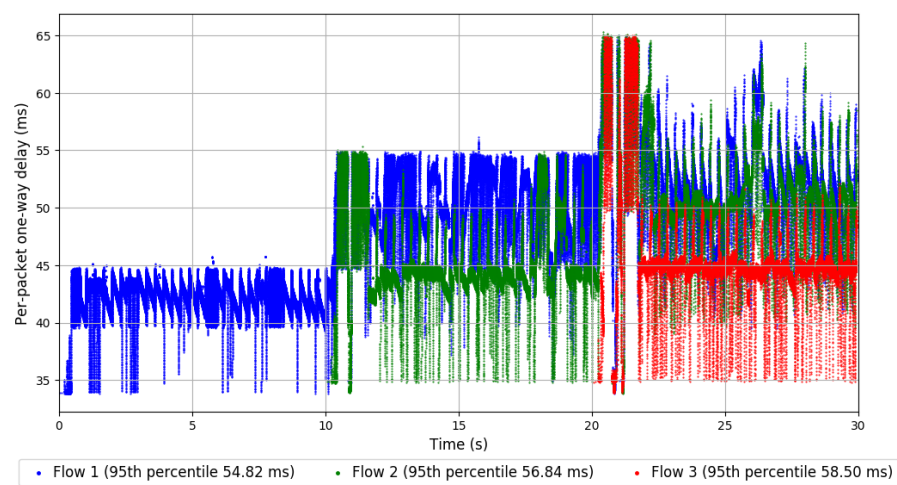
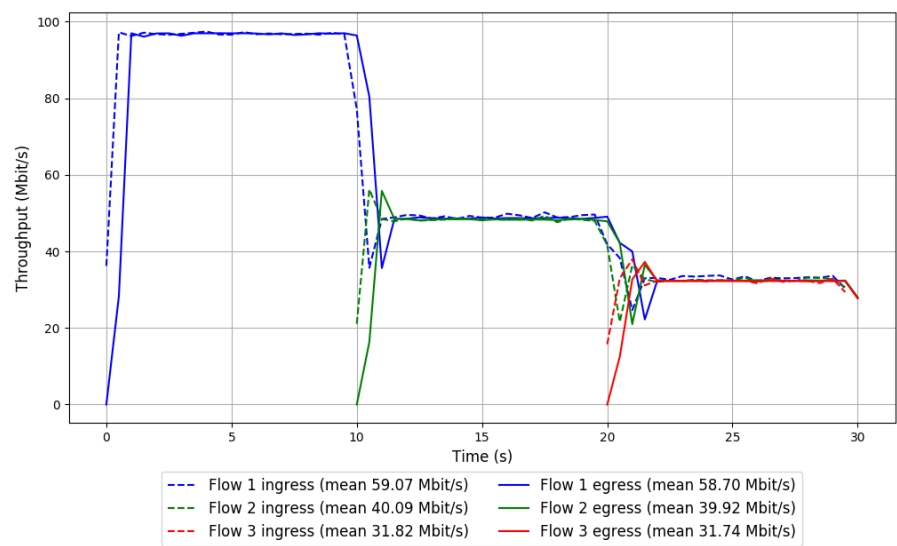


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-10 02:32:36
End at: 2018-08-10 02:33:06
Local clock offset: -0.203 ms
Remote clock offset: -2.978 ms

Below is generated by plot.py at 2018-08-10 05:27:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 55.602 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 54.823 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 56.845 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 58.503 ms
Loss rate: 0.87%

Run 4: Report of FillP-Sheep — Data Link

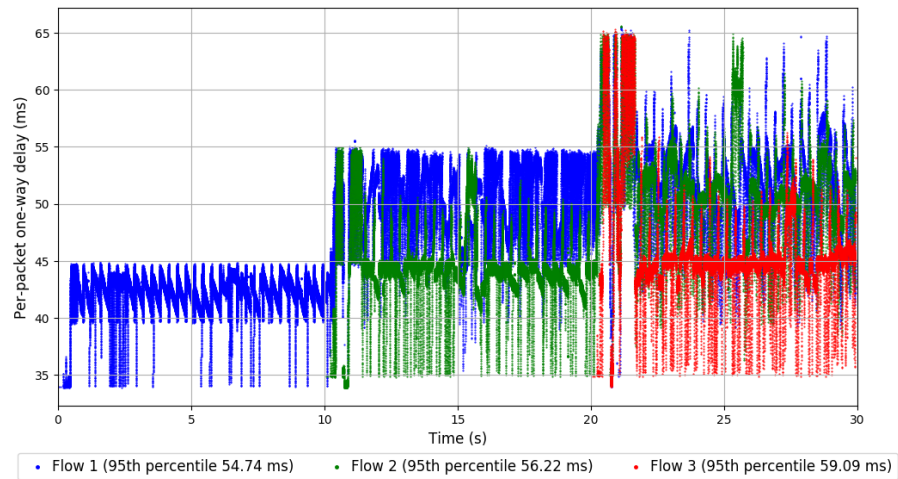
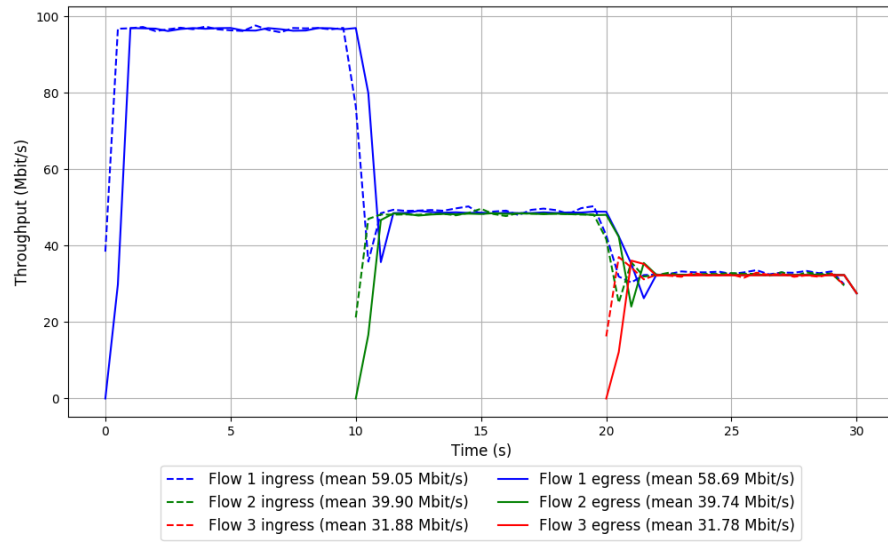


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-10 02:55:37
End at: 2018-08-10 02:56:07
Local clock offset: -0.201 ms
Remote clock offset: -1.449 ms

Below is generated by plot.py at 2018-08-10 05:27:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 55.185 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 58.69 Mbit/s
95th percentile per-packet one-way delay: 54.739 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 56.222 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 59.088 ms
Loss rate: 0.92%

Run 5: Report of FillP-Sheep — Data Link

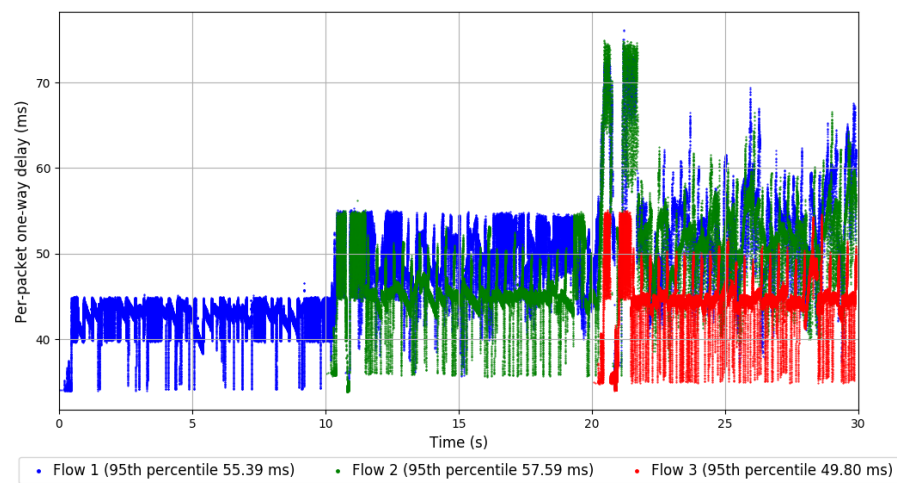
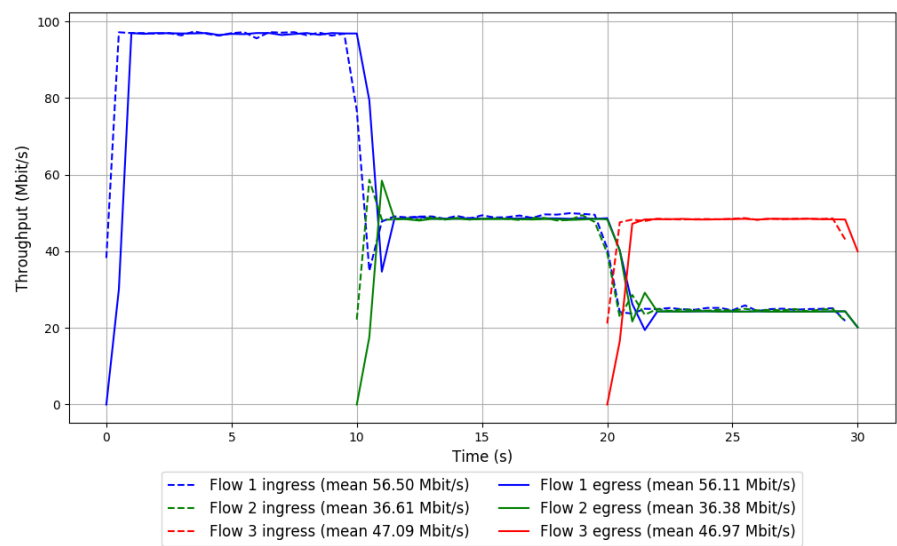


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-10 03:18:45
End at: 2018-08-10 03:19:15
Local clock offset: -0.278 ms
Remote clock offset: -0.859 ms

Below is generated by plot.py at 2018-08-10 05:27:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 55.347 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 56.11 Mbit/s
95th percentile per-packet one-way delay: 55.393 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 57.585 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 46.97 Mbit/s
95th percentile per-packet one-way delay: 49.795 ms
Loss rate: 0.90%

Run 6: Report of FillP-Sheep — Data Link

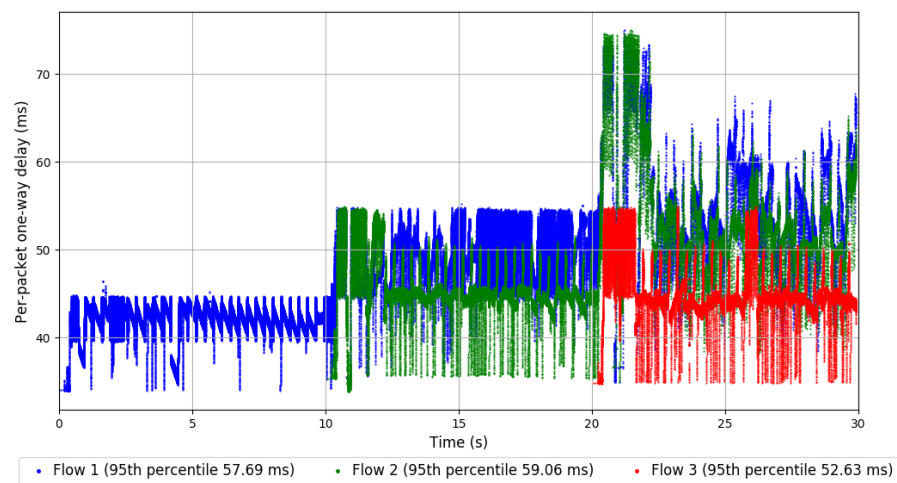
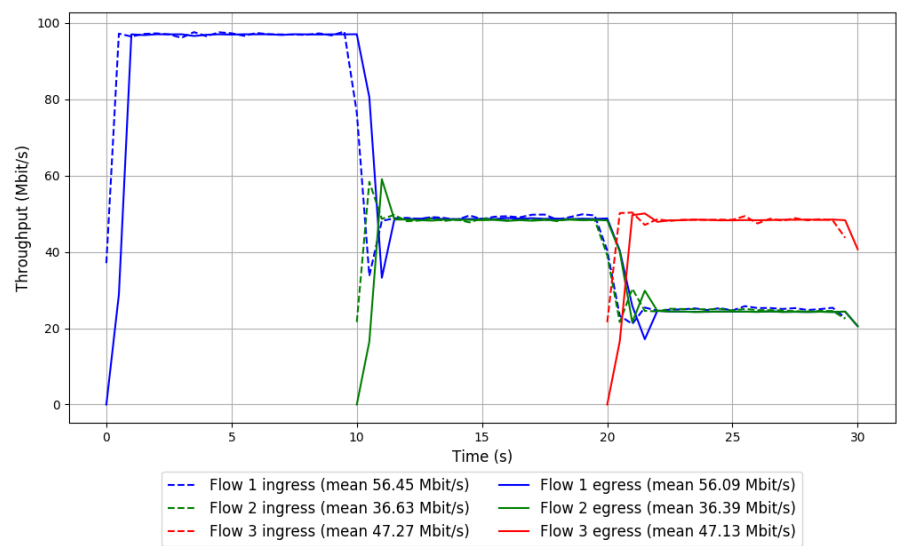


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-10 03:42:16
End at: 2018-08-10 03:42:46
Local clock offset: -0.412 ms
Remote clock offset: -0.921 ms

Below is generated by plot.py at 2018-08-10 05:28:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 56.723 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 56.09 Mbit/s
95th percentile per-packet one-way delay: 57.693 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 59.056 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 47.13 Mbit/s
95th percentile per-packet one-way delay: 52.632 ms
Loss rate: 0.96%

Run 7: Report of FillP-Sheep — Data Link

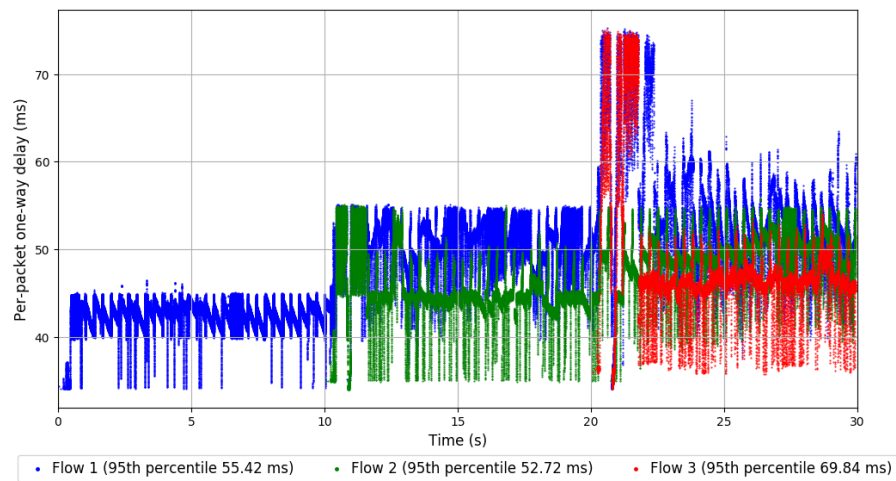
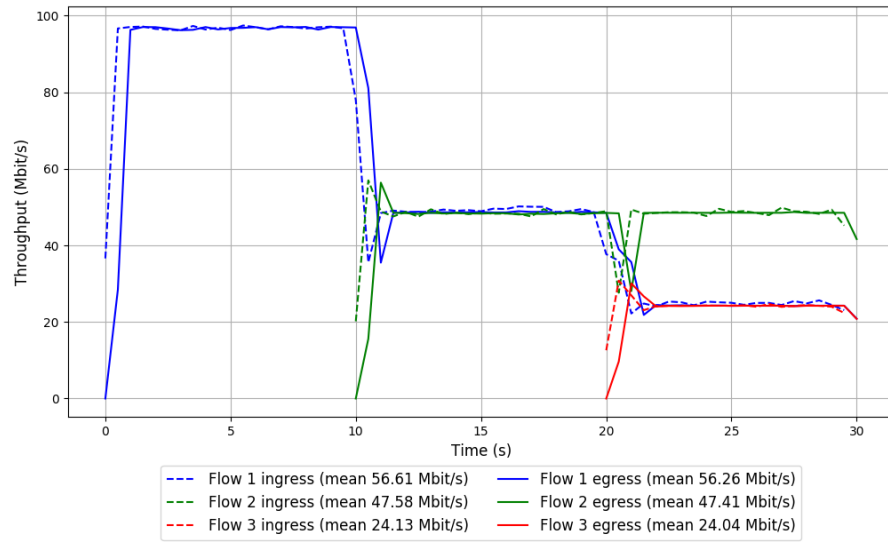


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-10 04:05:41
End at: 2018-08-10 04:06:11
Local clock offset: -0.178 ms
Remote clock offset: -1.195 ms

Below is generated by plot.py at 2018-08-10 05:28:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 54.402 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 55.419 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 47.41 Mbit/s
95th percentile per-packet one-way delay: 52.720 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 69.841 ms
Loss rate: 0.98%

Run 8: Report of FillP-Sheep — Data Link

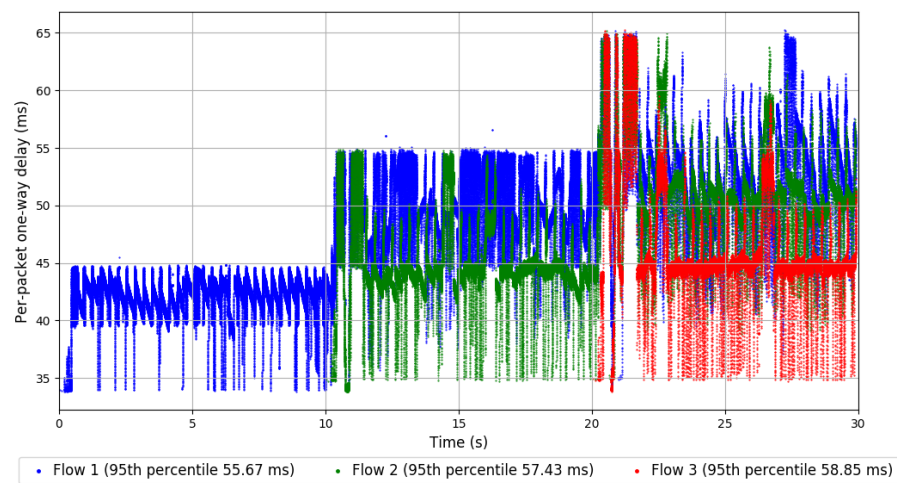
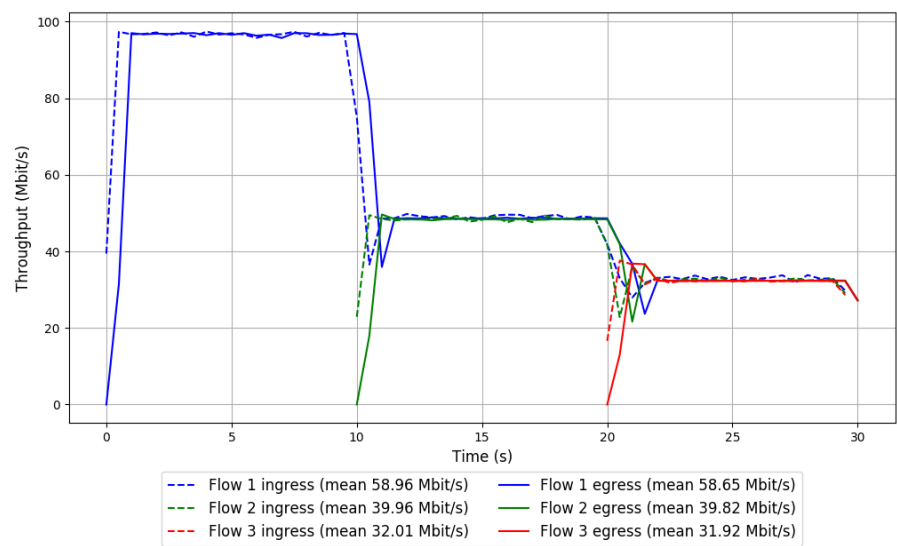


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-10 04:29:02
End at: 2018-08-10 04:29:32
Local clock offset: -0.2 ms
Remote clock offset: -1.863 ms

Below is generated by plot.py at 2018-08-10 05:28:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 56.233 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 55.669 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 39.82 Mbit/s
95th percentile per-packet one-way delay: 57.430 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 58.855 ms
Loss rate: 0.84%

Run 9: Report of FillP-Sheep — Data Link

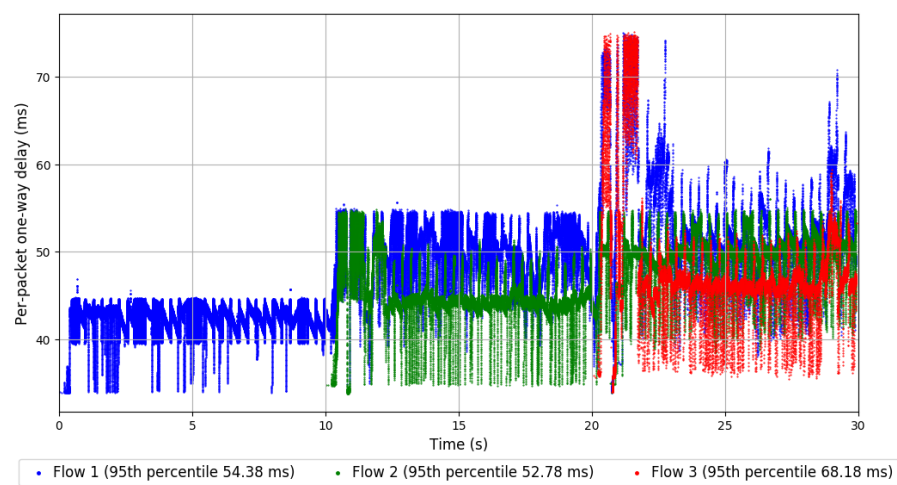
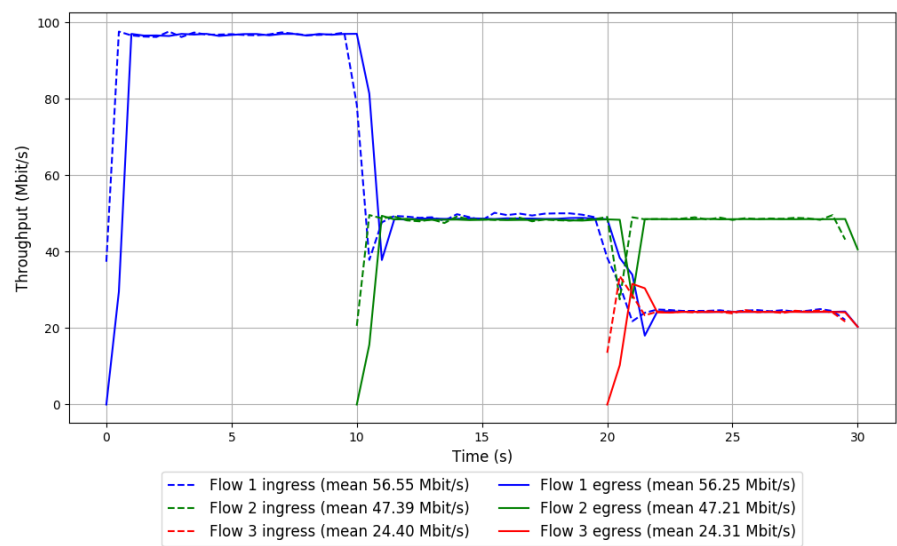


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-10 04:52:19
End at: 2018-08-10 04:52:49
Local clock offset: -0.267 ms
Remote clock offset: -1.684 ms

Below is generated by plot.py at 2018-08-10 05:28:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 53.841 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 54.380 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 47.21 Mbit/s
95th percentile per-packet one-way delay: 52.781 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 68.183 ms
Loss rate: 0.98%

Run 10: Report of FillP-Sheep — Data Link

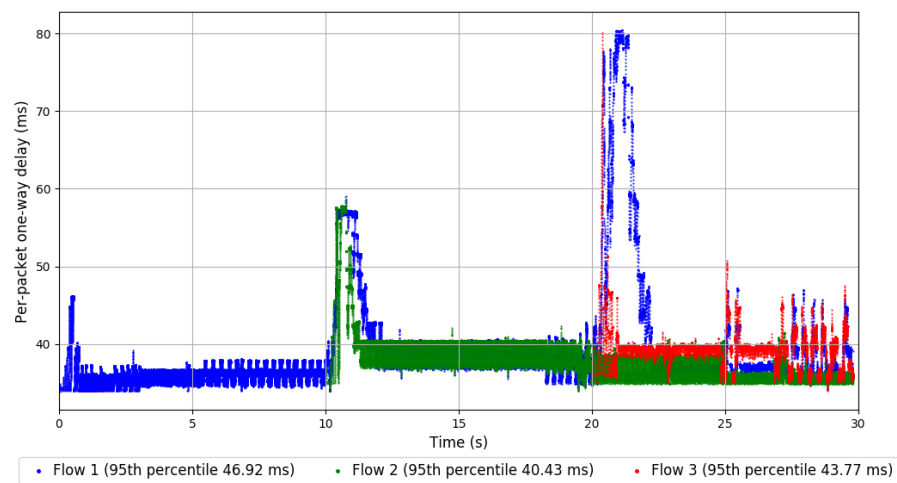
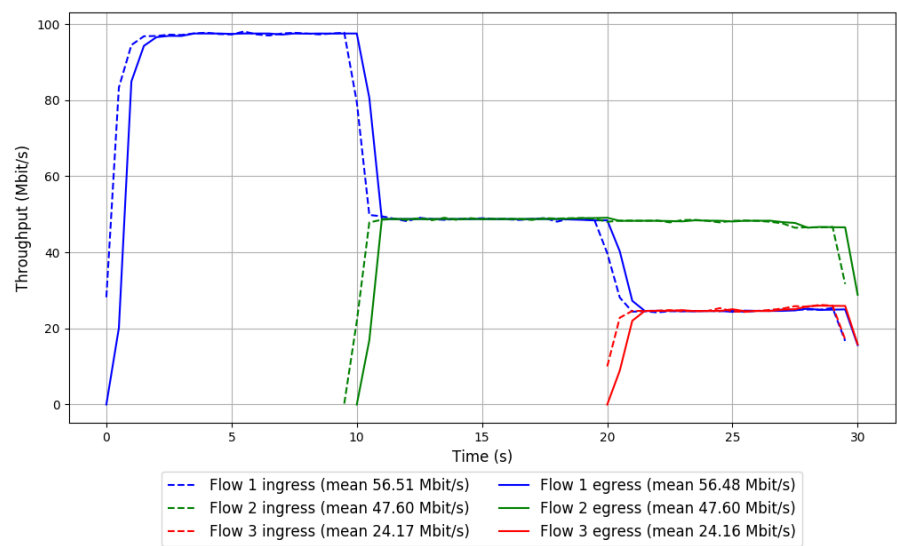


Run 1: Statistics of Indigo

Start at: 2018-08-10 01:25:49
End at: 2018-08-10 01:26:19
Local clock offset: 0.018 ms
Remote clock offset: -1.255 ms

Below is generated by plot.py at 2018-08-10 05:28:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 44.403 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 46.925 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 47.60 Mbit/s
95th percentile per-packet one-way delay: 40.434 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 43.769 ms
Loss rate: 0.72%

Run 1: Report of Indigo — Data Link

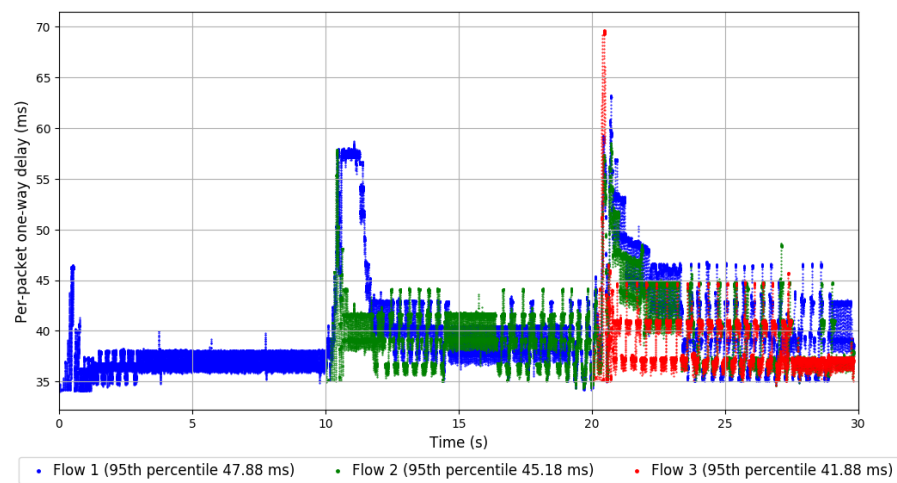
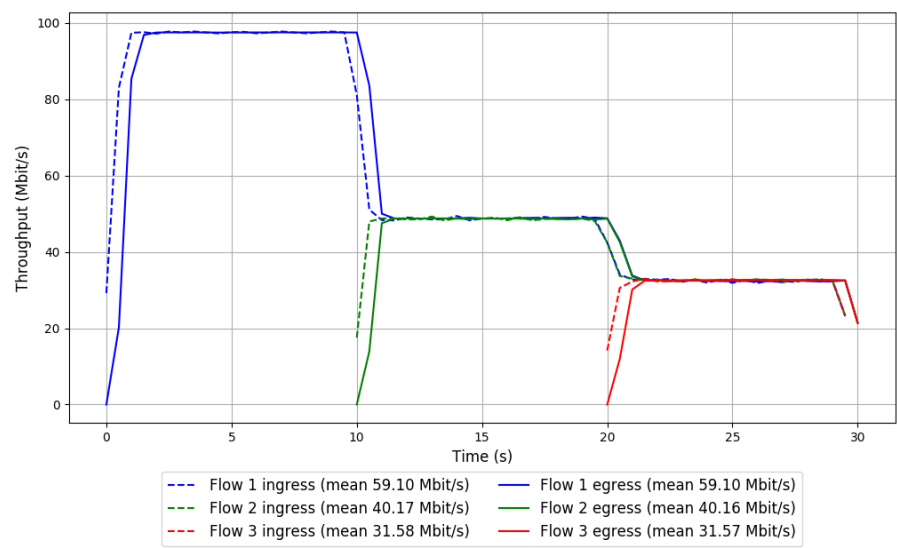


Run 2: Statistics of Indigo

Start at: 2018-08-10 01:49:24
End at: 2018-08-10 01:49:54
Local clock offset: -0.168 ms
Remote clock offset: -1.415 ms

Below is generated by plot.py at 2018-08-10 05:28:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 46.400 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 47.877 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 40.16 Mbit/s
95th percentile per-packet one-way delay: 45.182 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 31.57 Mbit/s
95th percentile per-packet one-way delay: 41.885 ms
Loss rate: 0.71%

Run 2: Report of Indigo — Data Link

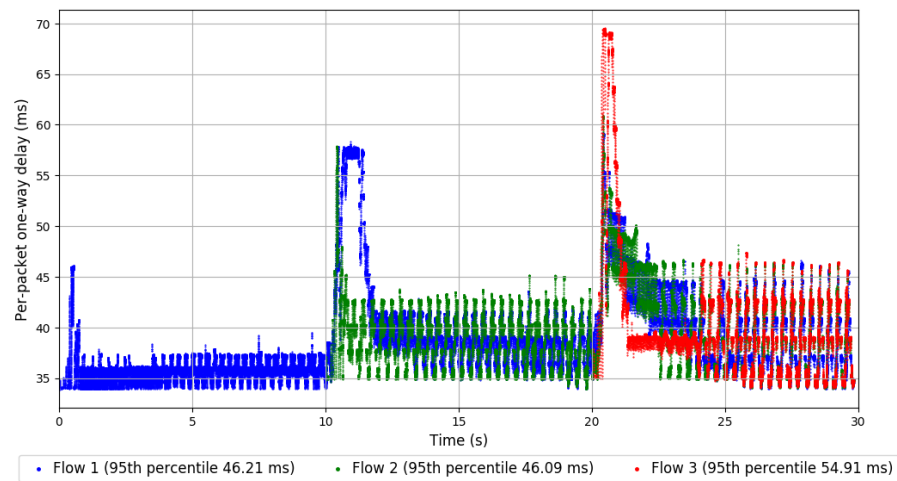
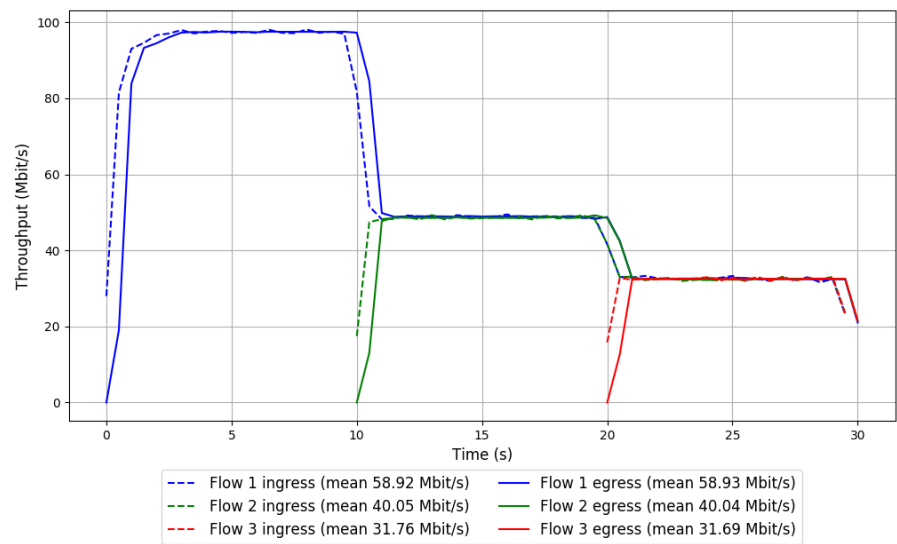


Run 3: Statistics of Indigo

Start at: 2018-08-10 02:12:18
End at: 2018-08-10 02:12:48
Local clock offset: -0.338 ms
Remote clock offset: -2.489 ms

Below is generated by plot.py at 2018-08-10 05:28:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 46.334 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 46.209 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 46.086 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 31.69 Mbit/s
95th percentile per-packet one-way delay: 54.914 ms
Loss rate: 0.86%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-08-10 02:35:18

End at: 2018-08-10 02:35:48

Local clock offset: -0.188 ms

Remote clock offset: -2.88 ms

Below is generated by plot.py at 2018-08-10 05:29:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 46.868 ms

Loss rate: 0.38%

-- Flow 1:

Average throughput: 56.63 Mbit/s

95th percentile per-packet one-way delay: 49.341 ms

Loss rate: 0.26%

-- Flow 2:

Average throughput: 36.21 Mbit/s

95th percentile per-packet one-way delay: 47.651 ms

Loss rate: 0.42%

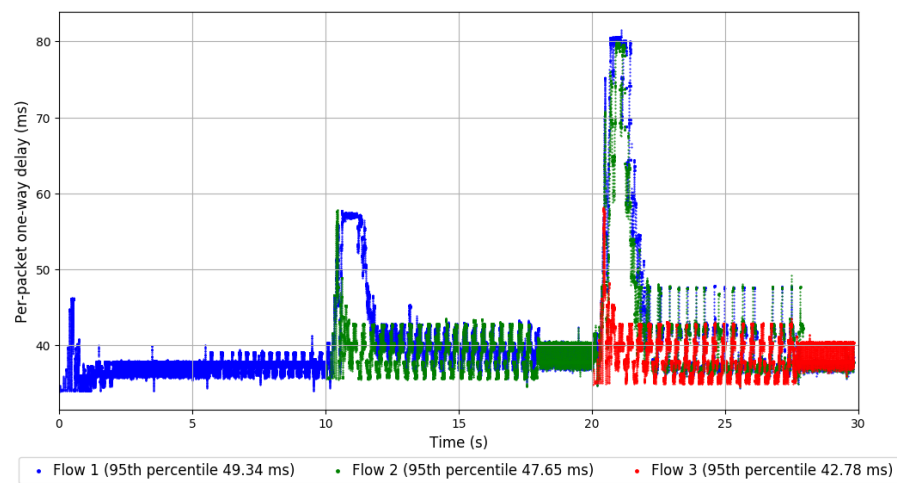
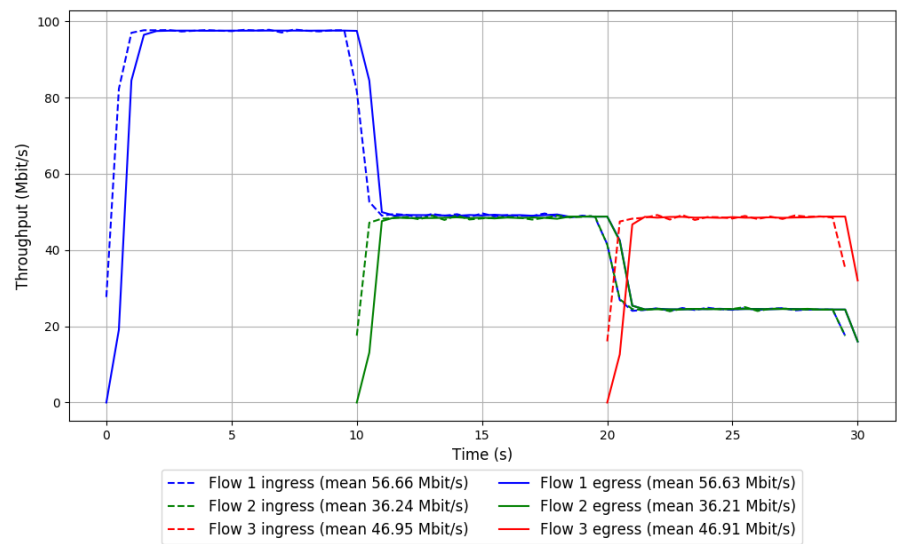
-- Flow 3:

Average throughput: 46.91 Mbit/s

95th percentile per-packet one-way delay: 42.776 ms

Loss rate: 0.75%

Run 4: Report of Indigo — Data Link

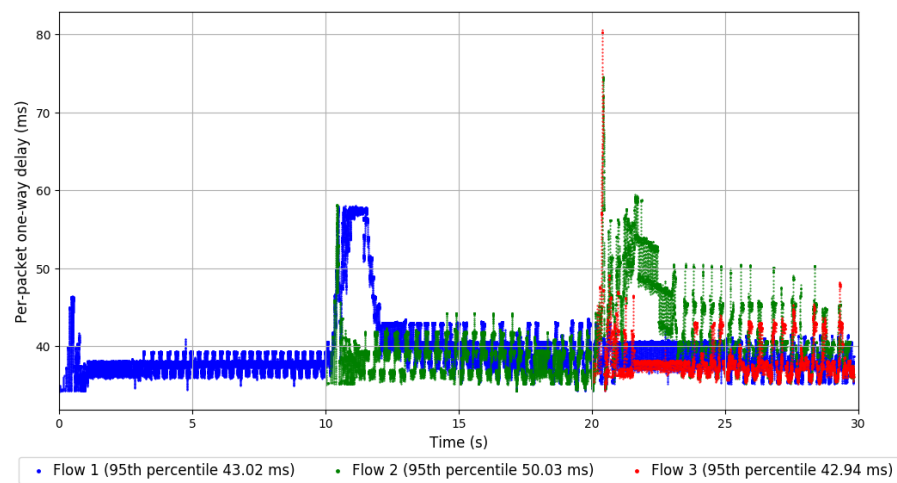
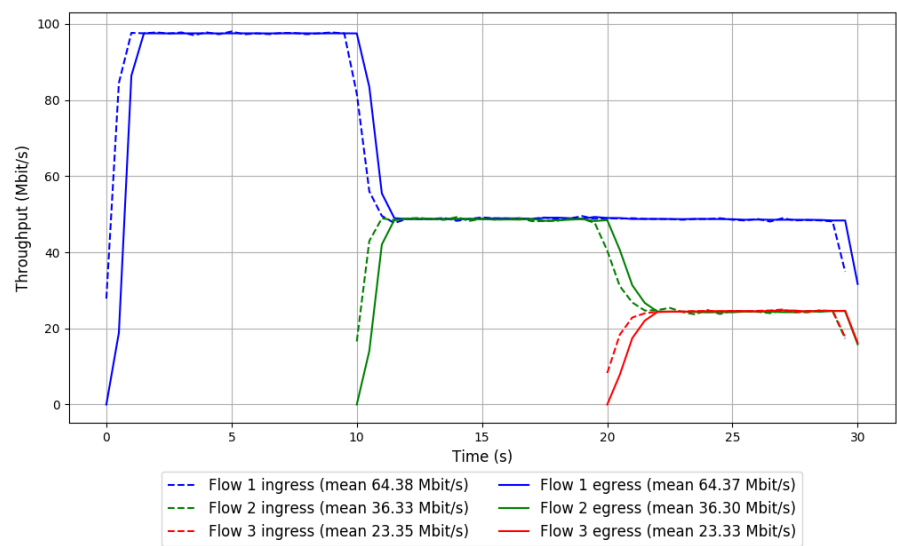


Run 5: Statistics of Indigo

Start at: 2018-08-10 02:58:19
End at: 2018-08-10 02:58:49
Local clock offset: -0.232 ms
Remote clock offset: -1.439 ms

Below is generated by plot.py at 2018-08-10 05:29:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 45.727 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 64.37 Mbit/s
95th percentile per-packet one-way delay: 43.024 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 50.035 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 23.33 Mbit/s
95th percentile per-packet one-way delay: 42.938 ms
Loss rate: 0.75%

Run 5: Report of Indigo — Data Link

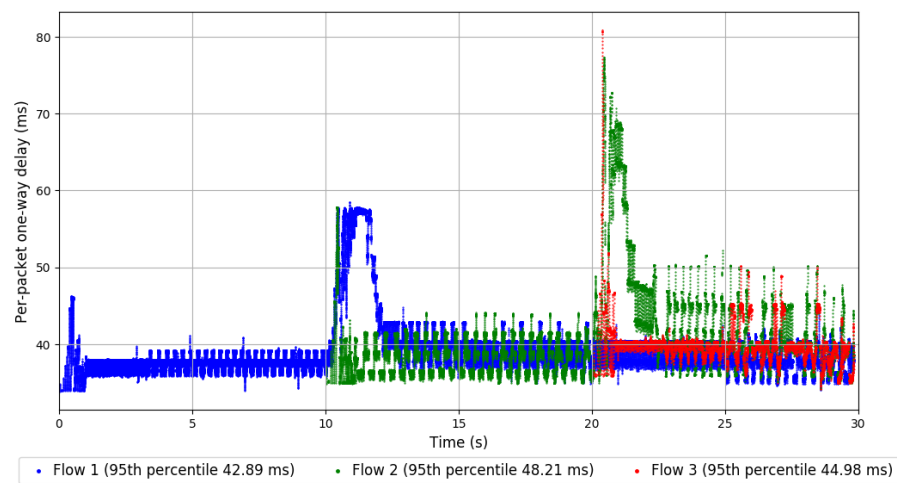
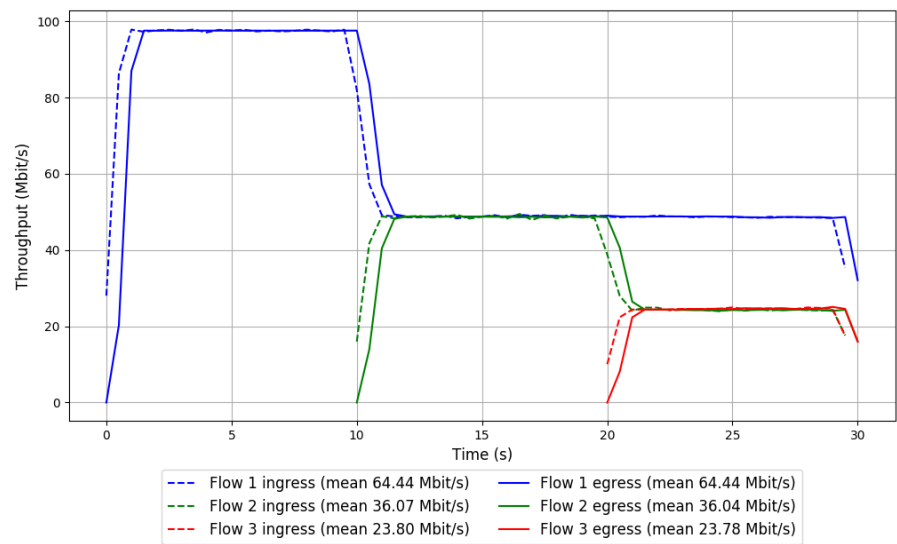


Run 6: Statistics of Indigo

Start at: 2018-08-10 03:21:29
End at: 2018-08-10 03:21:59
Local clock offset: -0.379 ms
Remote clock offset: -0.741 ms

Below is generated by plot.py at 2018-08-10 05:29:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 45.529 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 64.44 Mbit/s
95th percentile per-packet one-way delay: 42.892 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 36.04 Mbit/s
95th percentile per-packet one-way delay: 48.214 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 44.985 ms
Loss rate: 0.76%

Run 6: Report of Indigo — Data Link

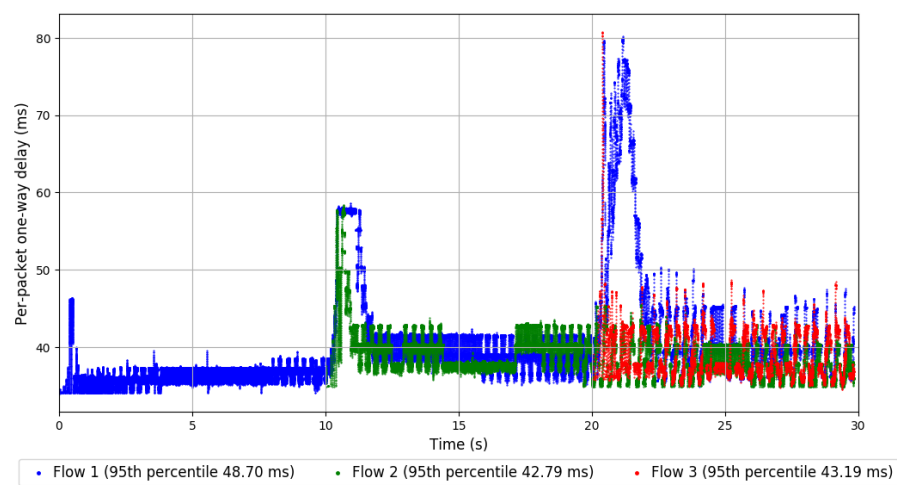
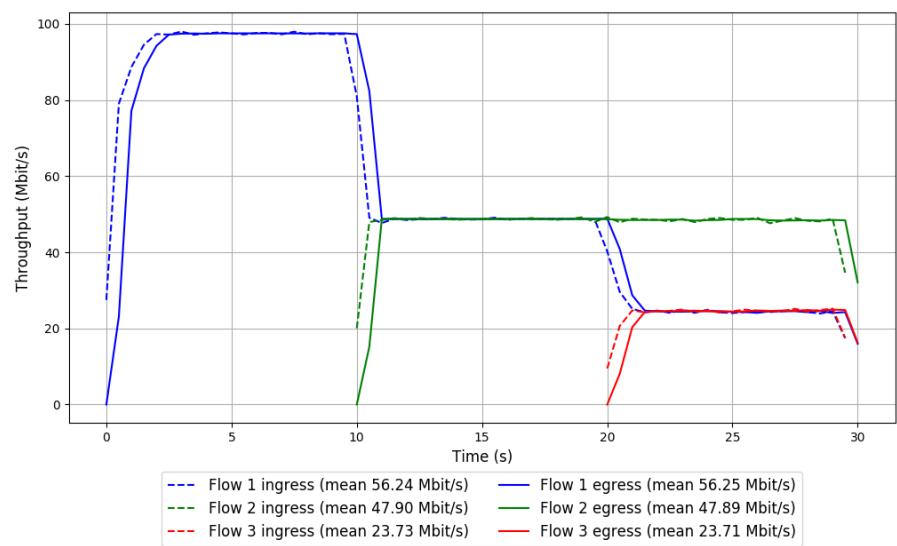


Run 7: Statistics of Indigo

Start at: 2018-08-10 03:45:04
End at: 2018-08-10 03:45:34
Local clock offset: -0.426 ms
Remote clock offset: -1.101 ms

Below is generated by plot.py at 2018-08-10 05:29:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 45.149 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 48.703 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 47.89 Mbit/s
95th percentile per-packet one-way delay: 42.788 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 23.71 Mbit/s
95th percentile per-packet one-way delay: 43.188 ms
Loss rate: 0.75%

Run 7: Report of Indigo — Data Link

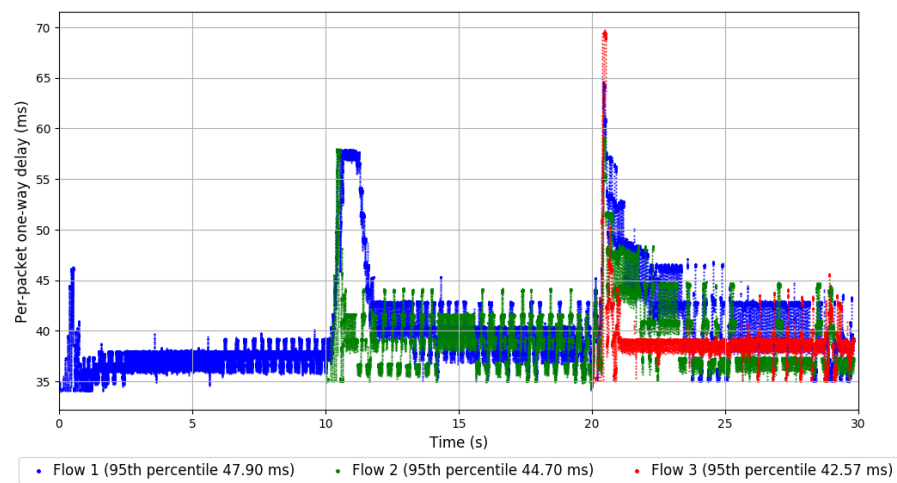
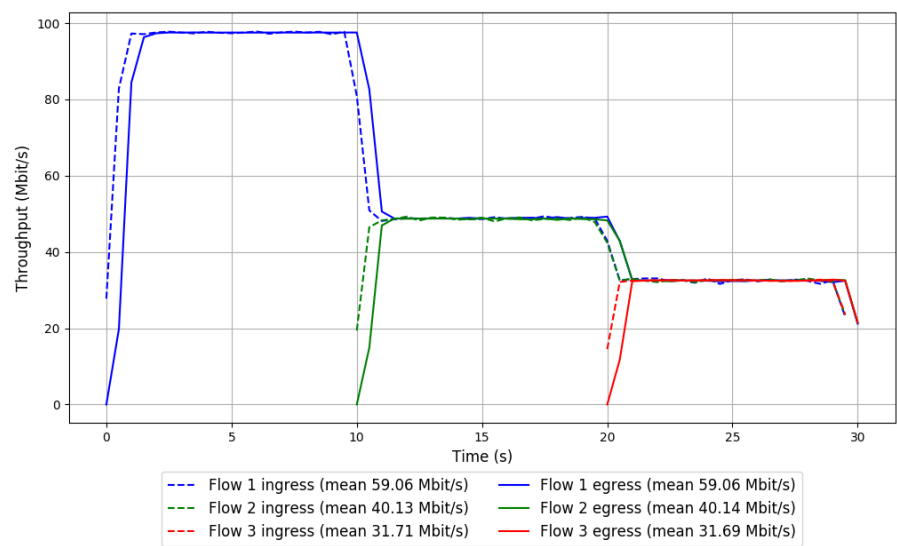


Run 8: Statistics of Indigo

Start at: 2018-08-10 04:08:26
End at: 2018-08-10 04:08:56
Local clock offset: -0.169 ms
Remote clock offset: -0.952 ms

Below is generated by plot.py at 2018-08-10 05:29:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 46.420 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 59.06 Mbit/s
95th percentile per-packet one-way delay: 47.901 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 40.14 Mbit/s
95th percentile per-packet one-way delay: 44.697 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 31.69 Mbit/s
95th percentile per-packet one-way delay: 42.574 ms
Loss rate: 0.74%

Run 8: Report of Indigo — Data Link

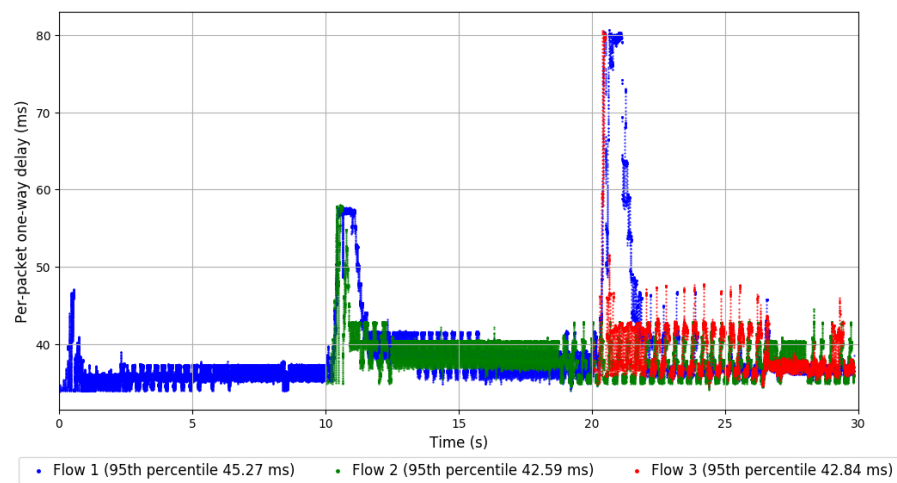
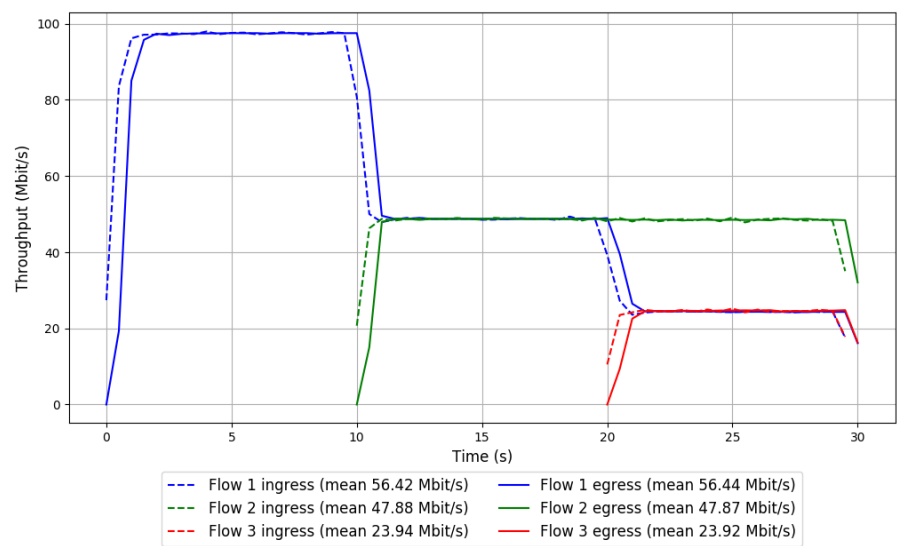


Run 9: Statistics of Indigo

Start at: 2018-08-10 04:31:47
End at: 2018-08-10 04:32:17
Local clock offset: -0.208 ms
Remote clock offset: -1.829 ms

Below is generated by plot.py at 2018-08-10 05:29:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 42.796 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 45.271 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 47.87 Mbit/s
95th percentile per-packet one-way delay: 42.588 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 23.92 Mbit/s
95th percentile per-packet one-way delay: 42.841 ms
Loss rate: 0.75%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-08-10 04:55:03

End at: 2018-08-10 04:55:33

Local clock offset: -0.26 ms

Remote clock offset: -1.63 ms

Below is generated by plot.py at 2018-08-10 05:30:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 47.085 ms

Loss rate: 0.35%

-- Flow 1:

Average throughput: 59.11 Mbit/s

95th percentile per-packet one-way delay: 47.860 ms

Loss rate: 0.25%

-- Flow 2:

Average throughput: 40.22 Mbit/s

95th percentile per-packet one-way delay: 47.658 ms

Loss rate: 0.44%

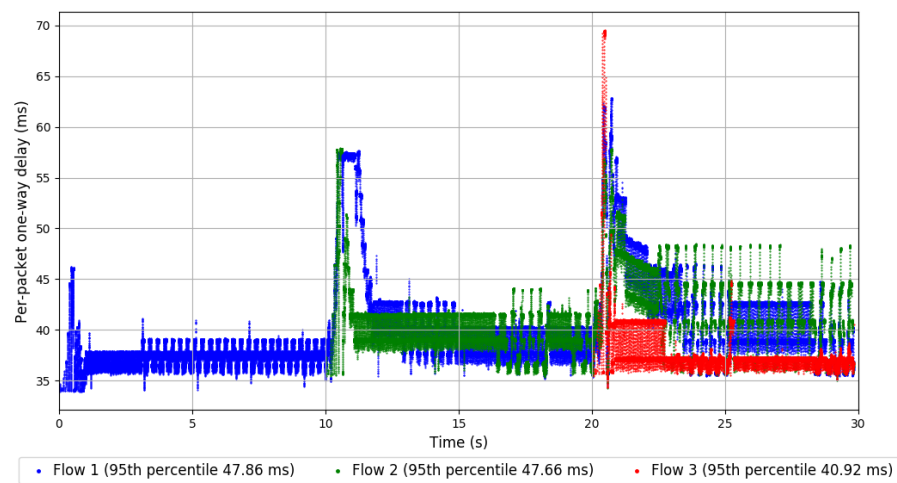
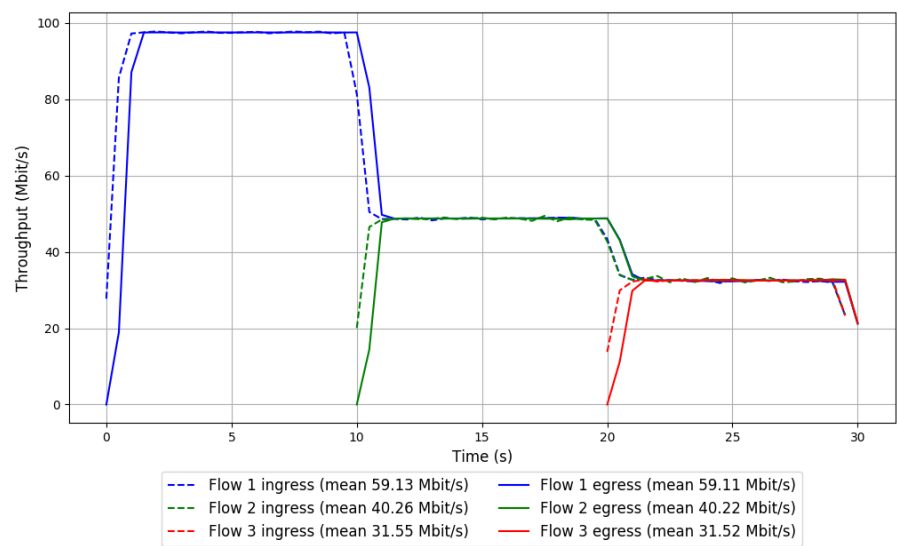
-- Flow 3:

Average throughput: 31.52 Mbit/s

95th percentile per-packet one-way delay: 40.923 ms

Loss rate: 0.71%

Run 10: Report of Indigo — Data Link

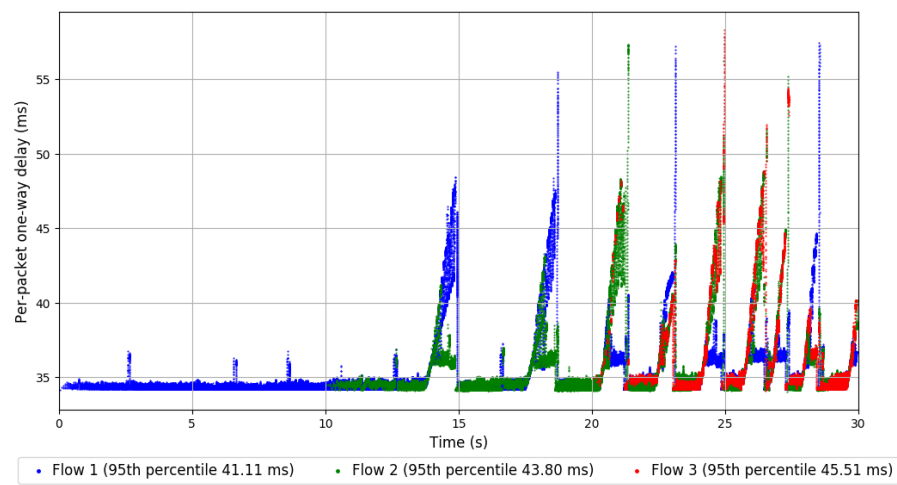
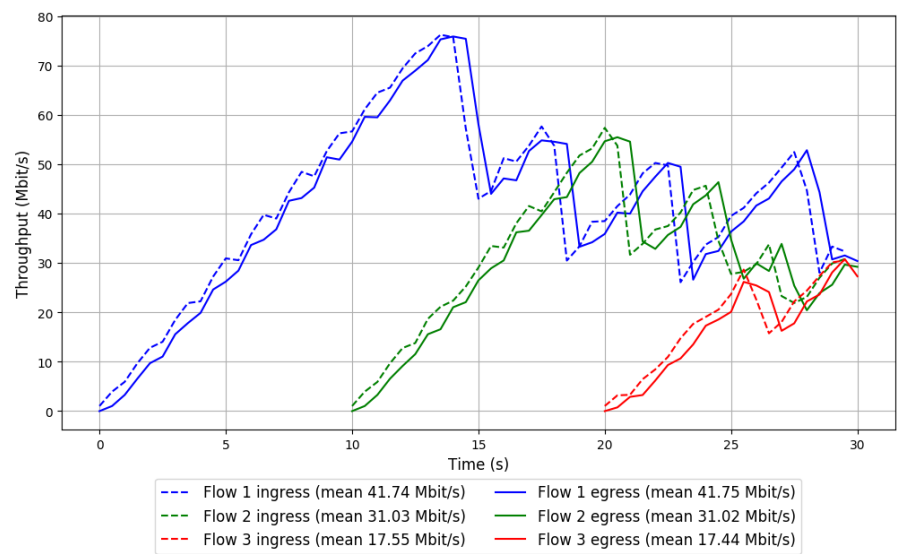


Run 1: Statistics of LEDBAT

Start at: 2018-08-10 01:40:55
End at: 2018-08-10 01:41:25
Local clock offset: 0.064 ms
Remote clock offset: -1.297 ms

Below is generated by plot.py at 2018-08-10 05:30:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.13 Mbit/s
95th percentile per-packet one-way delay: 42.413 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 41.75 Mbit/s
95th percentile per-packet one-way delay: 41.112 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 43.797 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 17.44 Mbit/s
95th percentile per-packet one-way delay: 45.510 ms
Loss rate: 1.30%

Run 1: Report of LEDBAT — Data Link

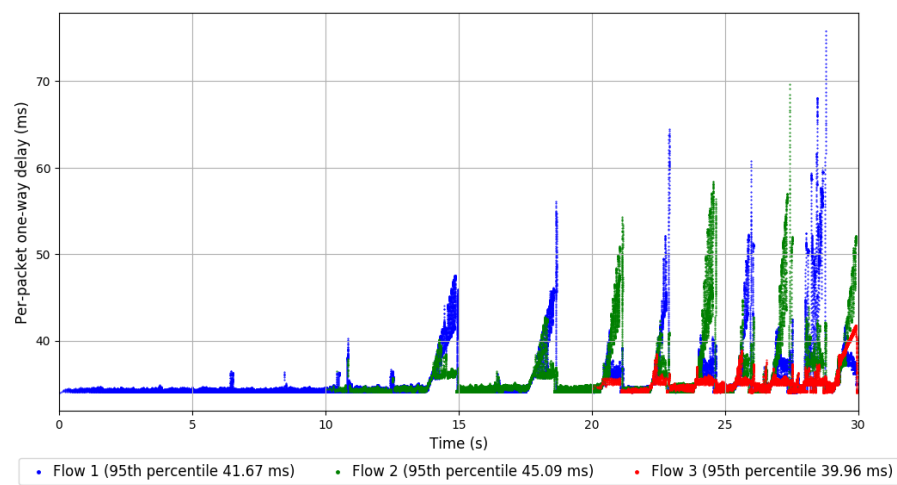
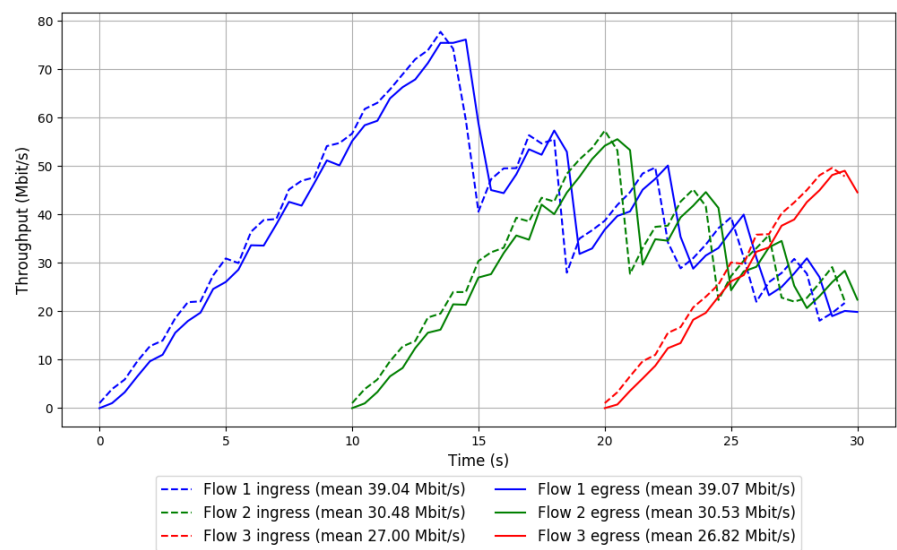


Run 2: Statistics of LEDBAT

Start at: 2018-08-10 02:04:11
End at: 2018-08-10 02:04:41
Local clock offset: -0.274 ms
Remote clock offset: -2.091 ms

Below is generated by plot.py at 2018-08-10 05:30:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.23 Mbit/s
95th percentile per-packet one-way delay: 42.264 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 41.674 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 45.086 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 26.82 Mbit/s
95th percentile per-packet one-way delay: 39.960 ms
Loss rate: 1.33%

Run 2: Report of LEDBAT — Data Link

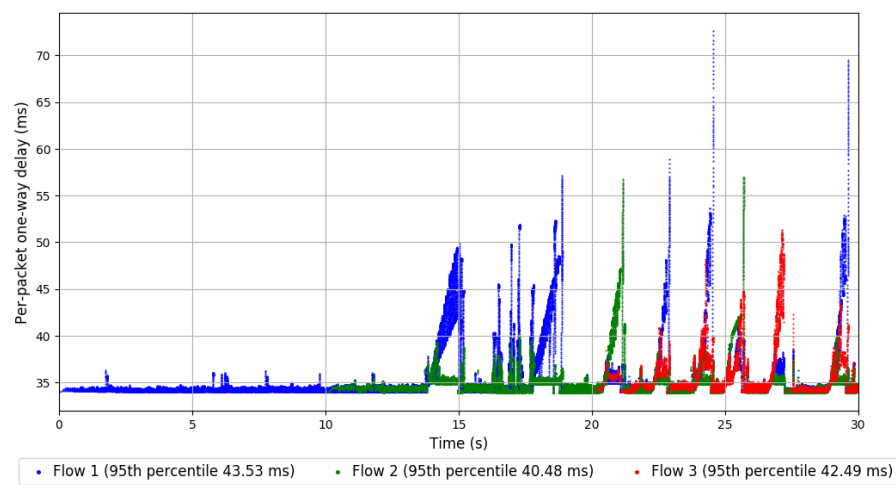
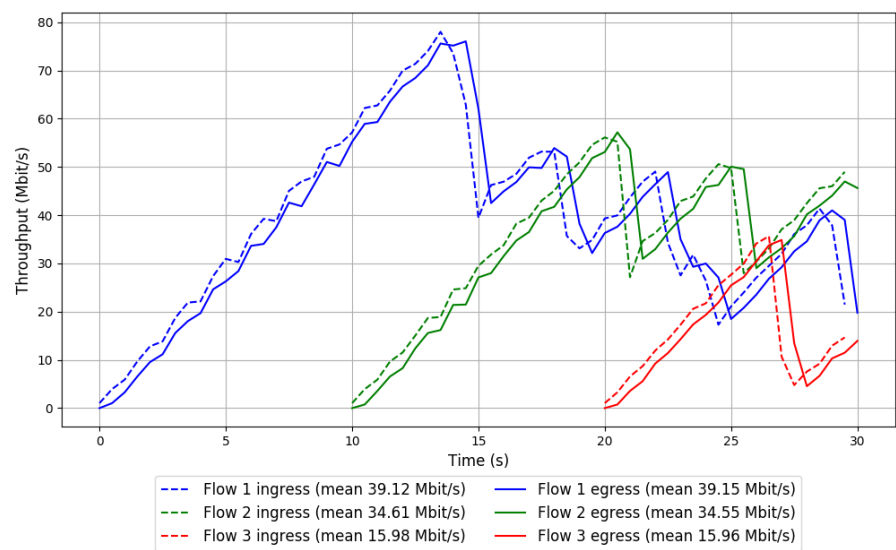


Run 3: Statistics of LEDBAT

Start at: 2018-08-10 02:27:10
End at: 2018-08-10 02:27:40
Local clock offset: -0.226 ms
Remote clock offset: -3.292 ms

Below is generated by plot.py at 2018-08-10 05:30:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.41 Mbit/s
95th percentile per-packet one-way delay: 42.057 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 43.534 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 40.479 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 42.493 ms
Loss rate: 0.78%

Run 3: Report of LEDBAT — Data Link

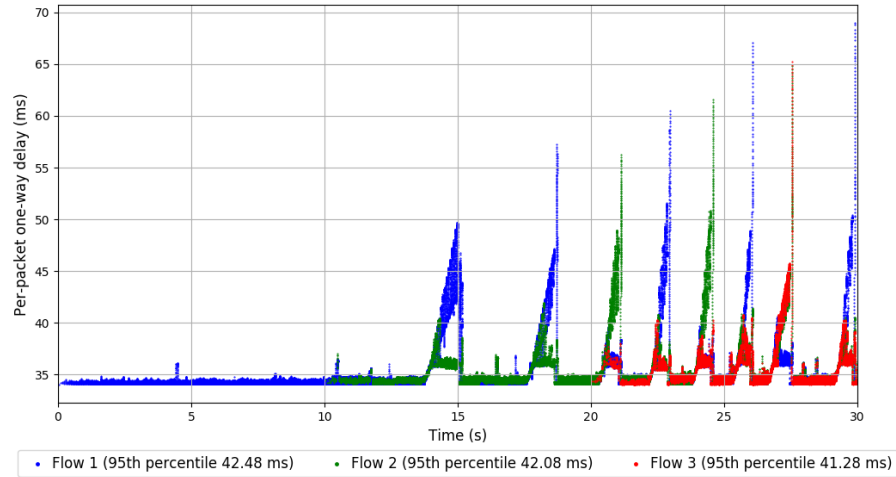
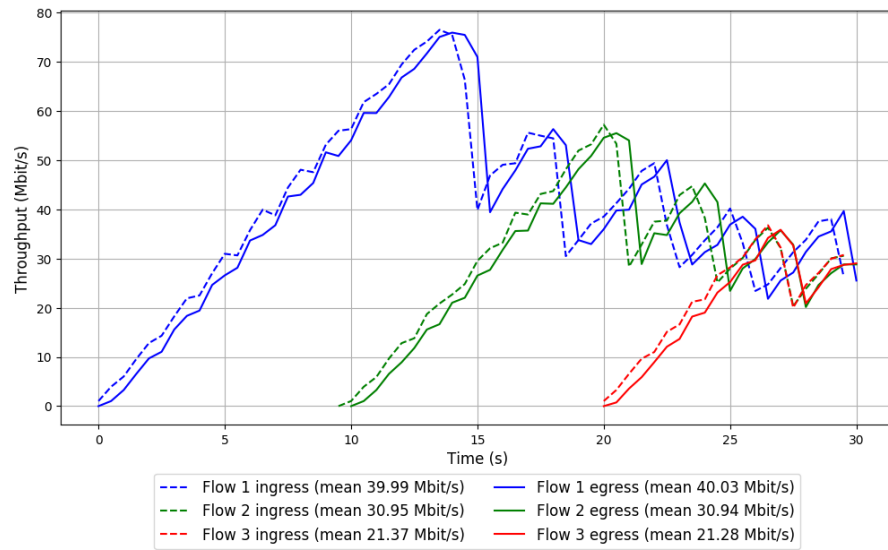


Run 4: Statistics of LEDBAT

Start at: 2018-08-10 02:50:11
End at: 2018-08-10 02:50:41
Local clock offset: -0.187 ms
Remote clock offset: -1.909 ms

Below is generated by plot.py at 2018-08-10 05:30:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.68 Mbit/s
95th percentile per-packet one-way delay: 42.300 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 40.03 Mbit/s
95th percentile per-packet one-way delay: 42.482 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 30.94 Mbit/s
95th percentile per-packet one-way delay: 42.081 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 21.28 Mbit/s
95th percentile per-packet one-way delay: 41.277 ms
Loss rate: 1.05%

Run 4: Report of LEDBAT — Data Link

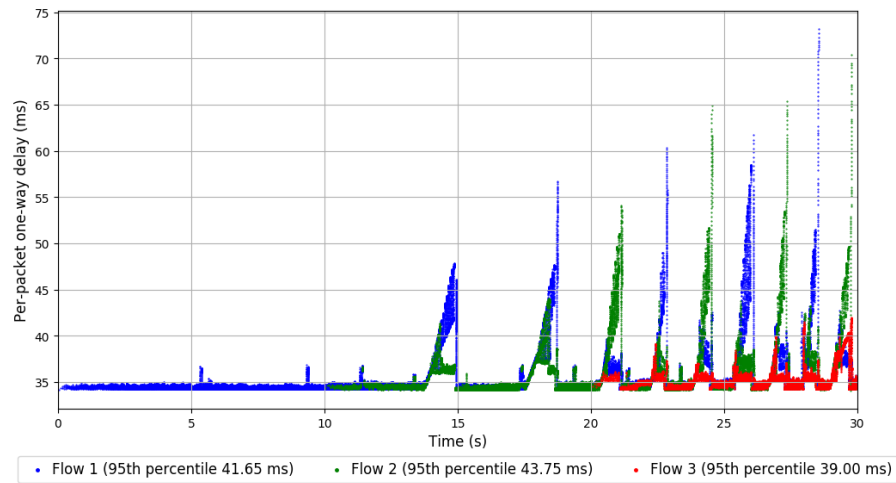
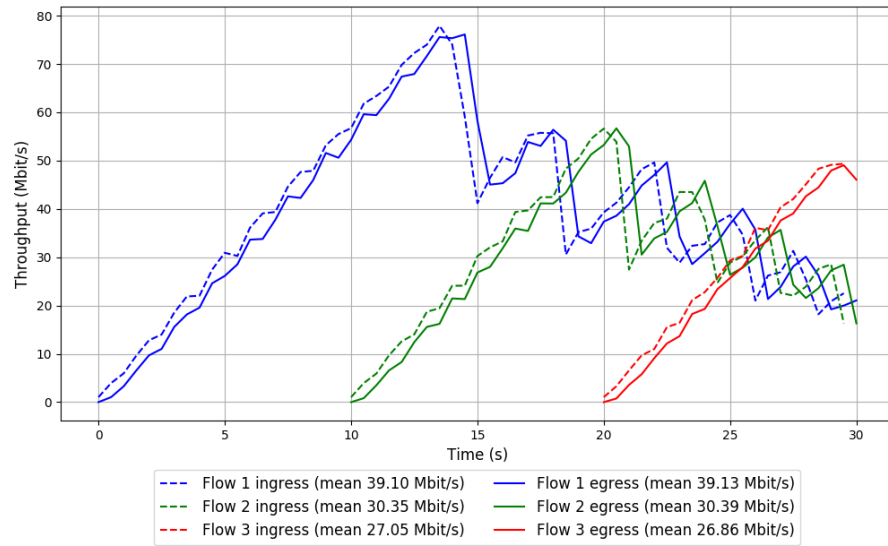


Run 5: Statistics of LEDBAT

Start at: 2018-08-10 03:13:17
End at: 2018-08-10 03:13:47
Local clock offset: -0.221 ms
Remote clock offset: -1.218 ms

Below is generated by plot.py at 2018-08-10 05:30:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.24 Mbit/s
95th percentile per-packet one-way delay: 41.767 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 39.13 Mbit/s
95th percentile per-packet one-way delay: 41.650 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 43.753 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 39.001 ms
Loss rate: 1.33%

Run 5: Report of LEDBAT — Data Link

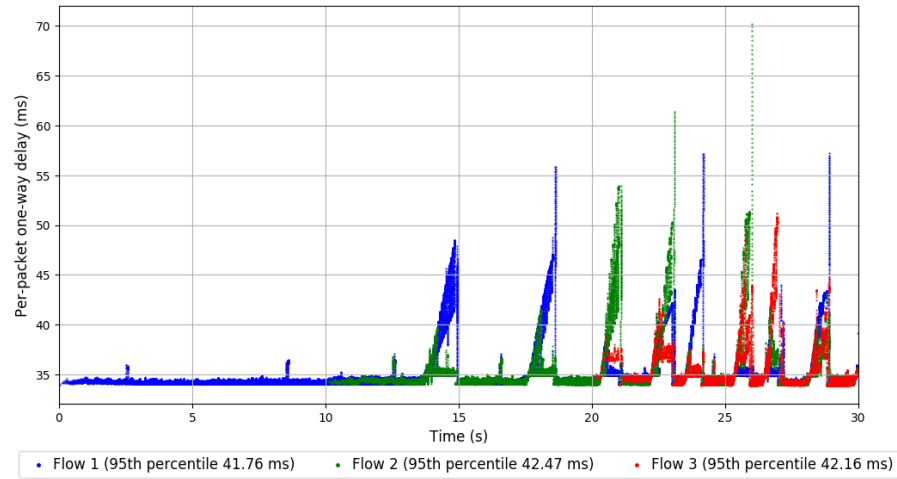
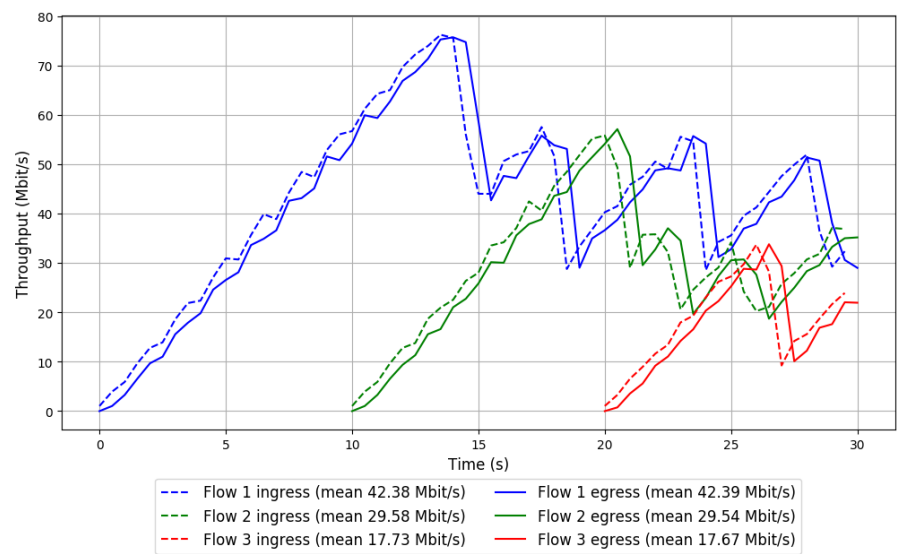


Run 6: Statistics of LEDBAT

Start at: 2018-08-10 03:36:35
End at: 2018-08-10 03:37:05
Local clock offset: -0.483 ms
Remote clock offset: -0.345 ms

Below is generated by plot.py at 2018-08-10 05:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.91 Mbit/s
95th percentile per-packet one-way delay: 41.898 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 41.759 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 29.54 Mbit/s
95th percentile per-packet one-way delay: 42.466 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 42.159 ms
Loss rate: 0.97%

Run 6: Report of LEDBAT — Data Link

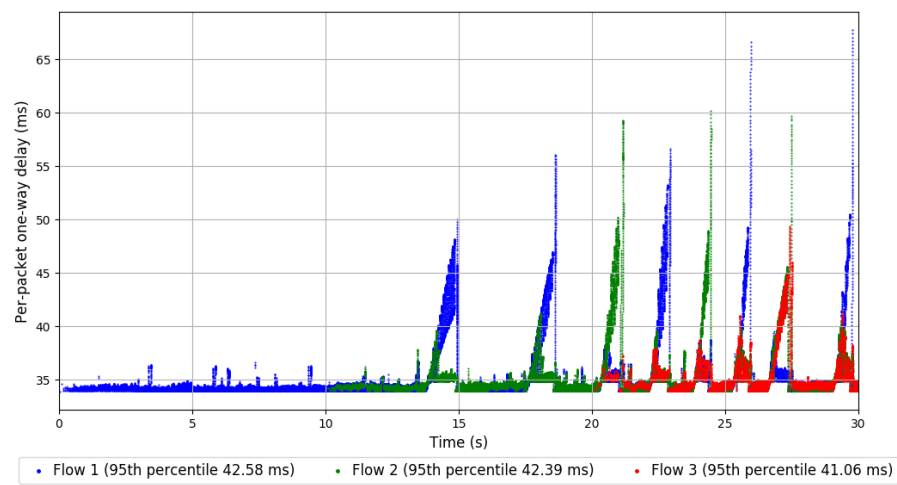
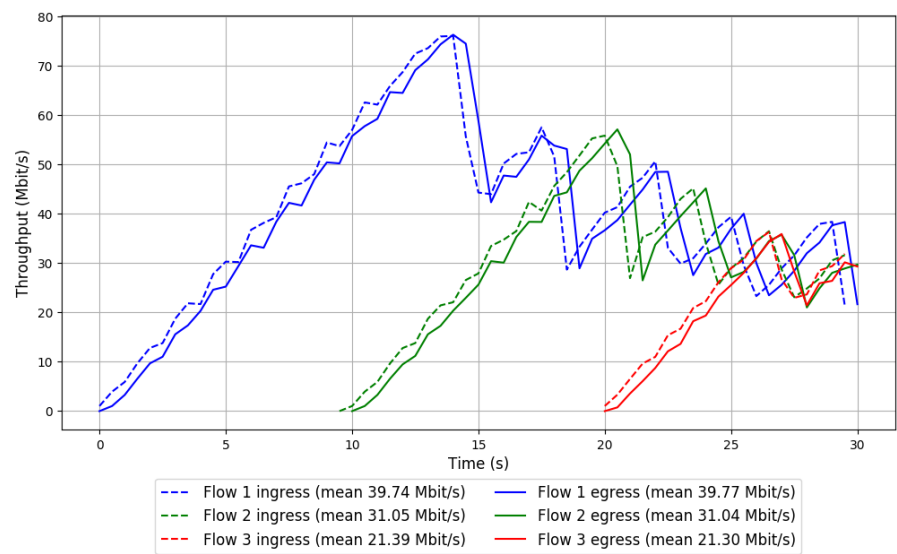


Run 7: Statistics of LEDBAT

Start at: 2018-08-10 04:00:13
End at: 2018-08-10 04:00:43
Local clock offset: -0.267 ms
Remote clock offset: -1.099 ms

Below is generated by plot.py at 2018-08-10 05:30:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.48 Mbit/s
95th percentile per-packet one-way delay: 42.298 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 42.577 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 42.394 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 21.30 Mbit/s
95th percentile per-packet one-way delay: 41.063 ms
Loss rate: 1.05%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-08-10 04:23:30

End at: 2018-08-10 04:24:00

Local clock offset: -0.195 ms

Remote clock offset: -1.74 ms

Below is generated by plot.py at 2018-08-10 05:30:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 66.36 Mbit/s

95th percentile per-packet one-way delay: 41.839 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 41.58 Mbit/s

95th percentile per-packet one-way delay: 41.616 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 26.29 Mbit/s

95th percentile per-packet one-way delay: 42.066 ms

Loss rate: 0.36%

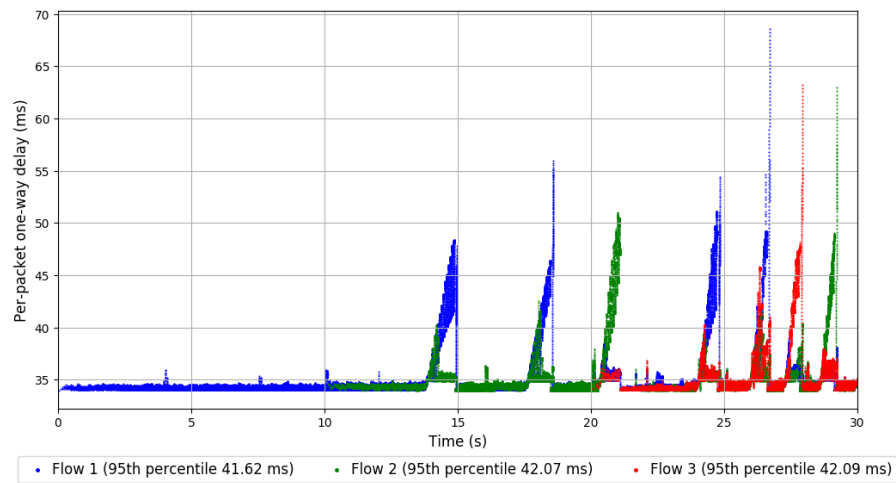
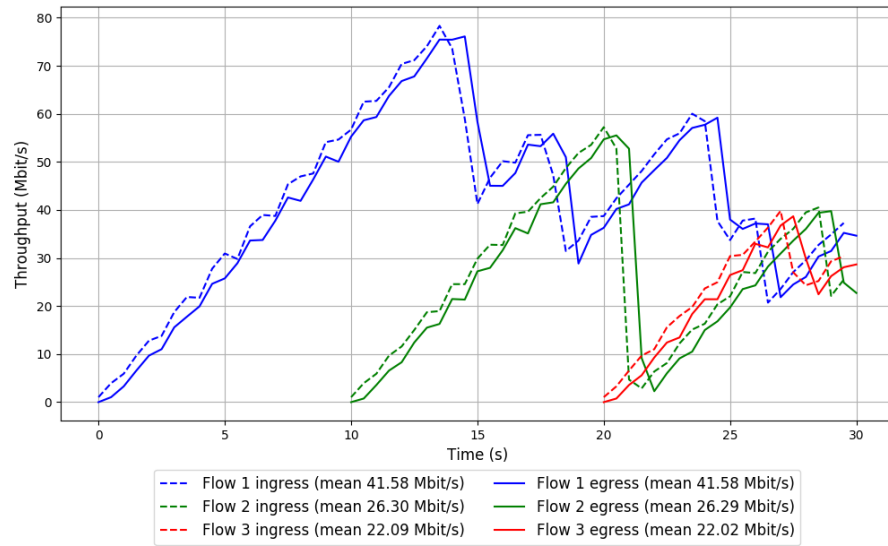
-- Flow 3:

Average throughput: 22.02 Mbit/s

95th percentile per-packet one-way delay: 42.085 ms

Loss rate: 0.99%

Run 8: Report of LEDBAT — Data Link

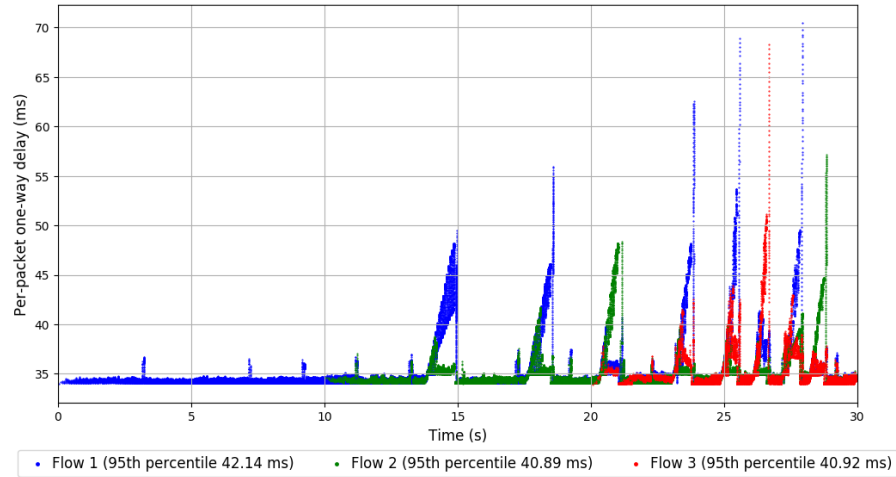
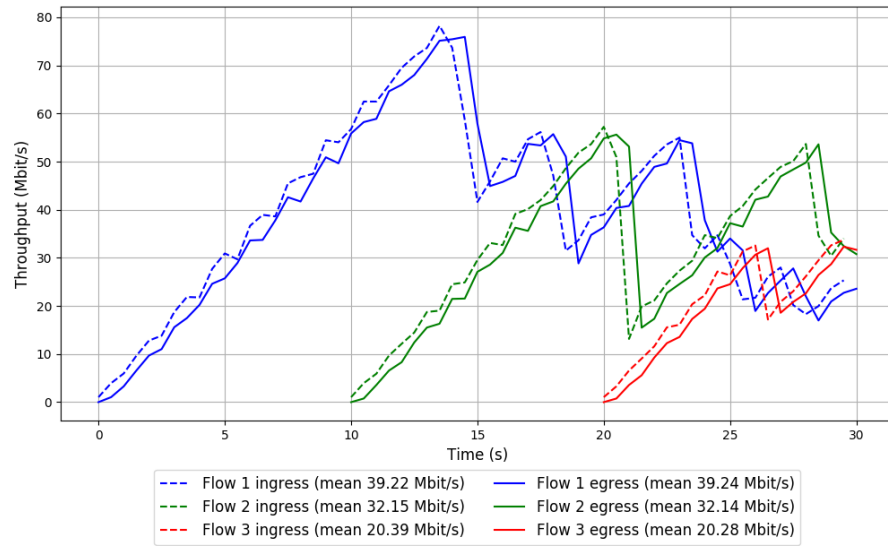


Run 9: Statistics of LEDBAT

Start at: 2018-08-10 04:46:53
End at: 2018-08-10 04:47:23
Local clock offset: -0.234 ms
Remote clock offset: -1.666 ms

Below is generated by plot.py at 2018-08-10 05:30:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.34 Mbit/s
95th percentile per-packet one-way delay: 41.472 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 39.24 Mbit/s
95th percentile per-packet one-way delay: 42.138 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 40.890 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 20.28 Mbit/s
95th percentile per-packet one-way delay: 40.916 ms
Loss rate: 1.18%

Run 9: Report of LEDBAT — Data Link

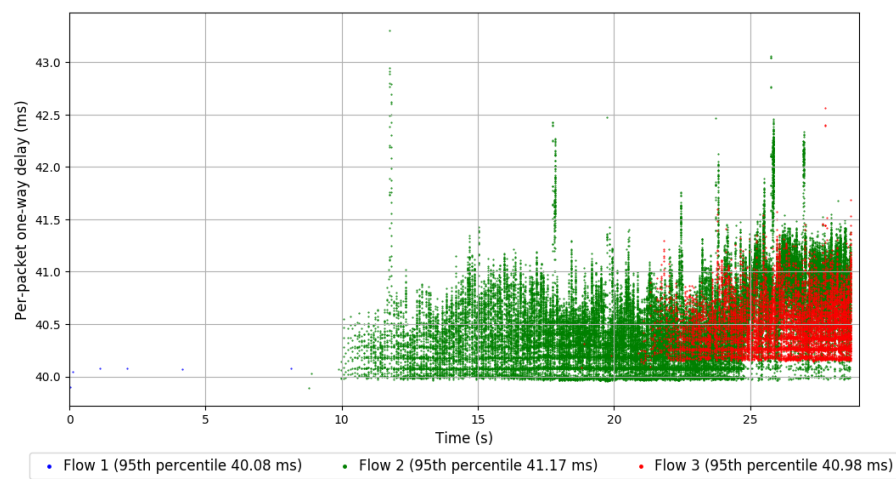
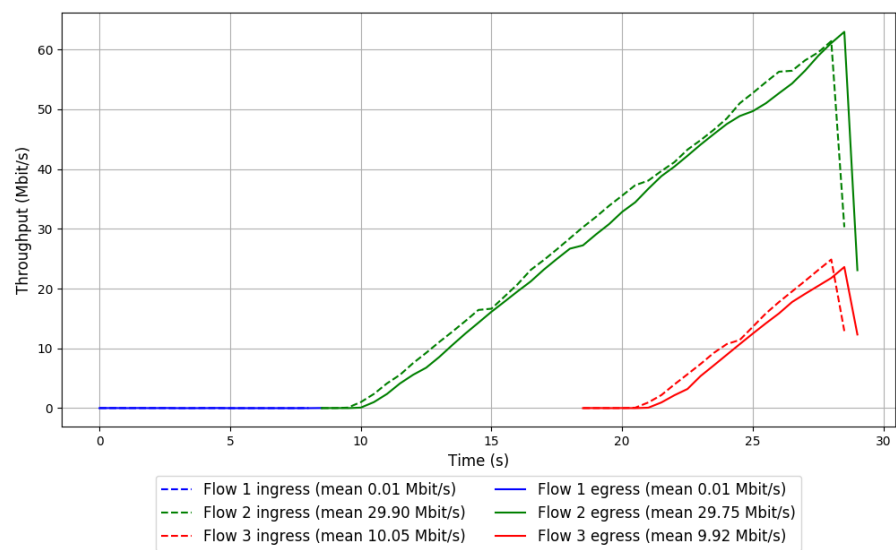


Run 10: Statistics of LEDBAT

Start at: 2018-08-10 05:10:57
End at: 2018-08-10 05:11:27
Local clock offset: -0.299 ms
Remote clock offset: -0.422 ms

Below is generated by plot.py at 2018-08-10 05:30:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 41.155 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 40.079 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 41.175 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 9.92 Mbit/s
95th percentile per-packet one-way delay: 40.981 ms
Loss rate: 2.19%

Run 10: Report of LEDBAT — Data Link

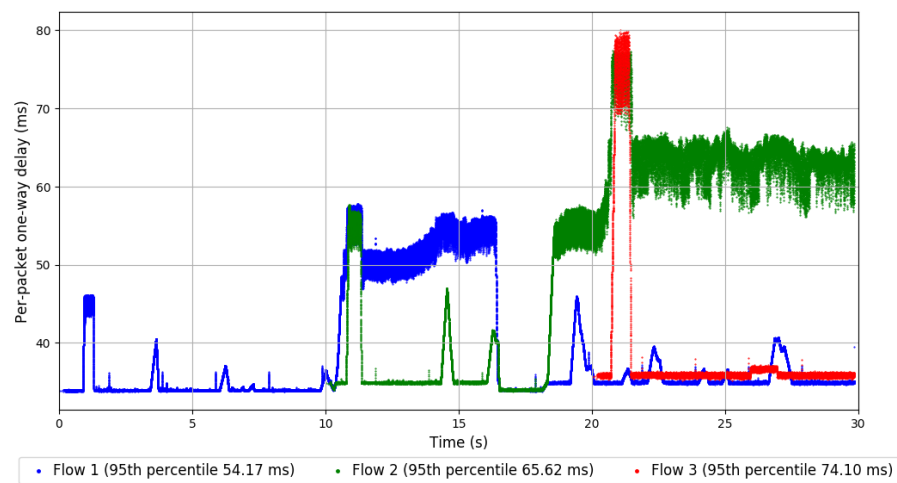
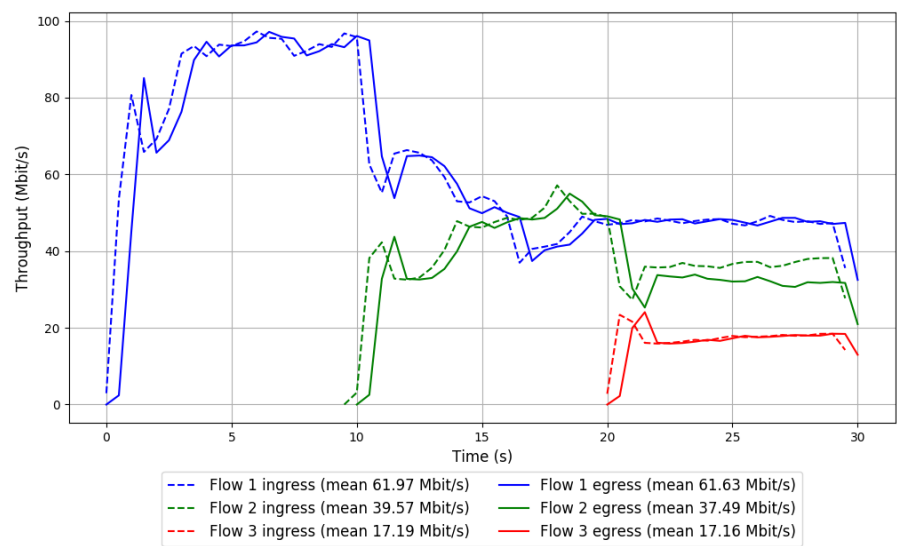


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-10 01:42:16
End at: 2018-08-10 01:42:46
Local clock offset: 0.075 ms
Remote clock offset: -1.087 ms

# Below is generated by plot.py at 2018-08-10 05:31:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.18 Mbit/s
95th percentile per-packet one-way delay: 63.944 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 61.63 Mbit/s
95th percentile per-packet one-way delay: 54.173 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 37.49 Mbit/s
95th percentile per-packet one-way delay: 65.619 ms
Loss rate: 5.60%
-- Flow 3:
Average throughput: 17.16 Mbit/s
95th percentile per-packet one-way delay: 74.101 ms
Loss rate: 0.87%
```

Run 1: Report of PCC-Allegro — Data Link

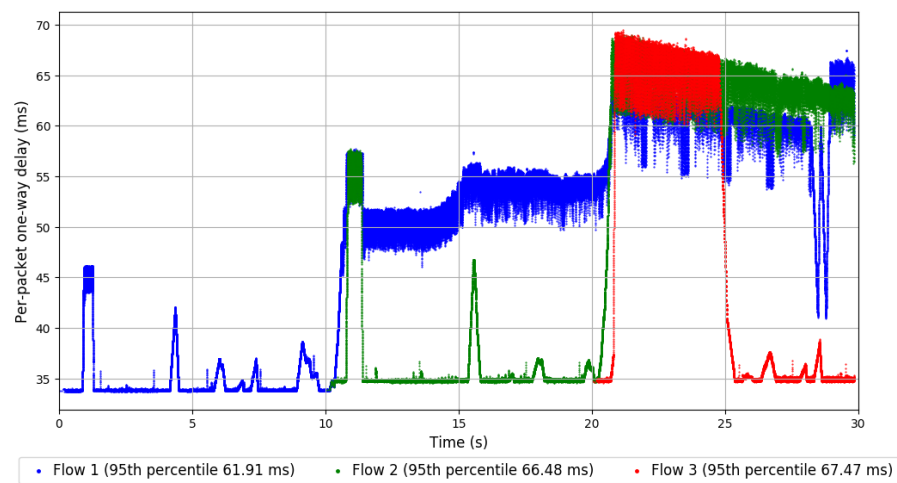
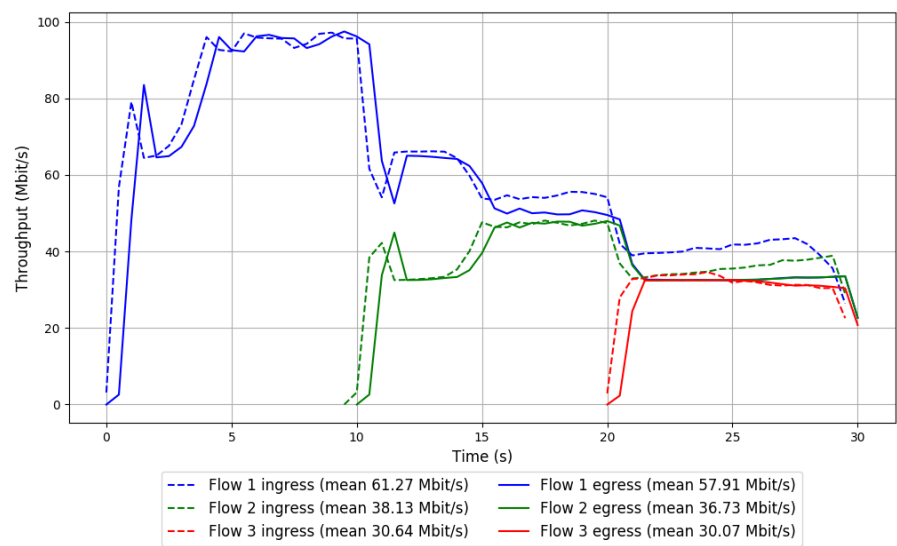


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-10 02:05:32
End at: 2018-08-10 02:06:02
Local clock offset: -0.383 ms
Remote clock offset: -2.156 ms

Below is generated by plot.py at 2018-08-10 05:31:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 65.566 ms
Loss rate: 4.94%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 61.912 ms
Loss rate: 5.72%
-- Flow 2:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 66.479 ms
Loss rate: 4.03%
-- Flow 3:
Average throughput: 30.07 Mbit/s
95th percentile per-packet one-way delay: 67.465 ms
Loss rate: 2.50%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-08-10 02:28:31

End at: 2018-08-10 02:29:01

Local clock offset: -0.211 ms

Remote clock offset: -3.25 ms

Below is generated by plot.py at 2018-08-10 05:31:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.19 Mbit/s

95th percentile per-packet one-way delay: 65.818 ms

Loss rate: 5.14%

-- Flow 1:

Average throughput: 57.24 Mbit/s

95th percentile per-packet one-way delay: 61.720 ms

Loss rate: 6.37%

-- Flow 2:

Average throughput: 37.66 Mbit/s

95th percentile per-packet one-way delay: 67.006 ms

Loss rate: 3.28%

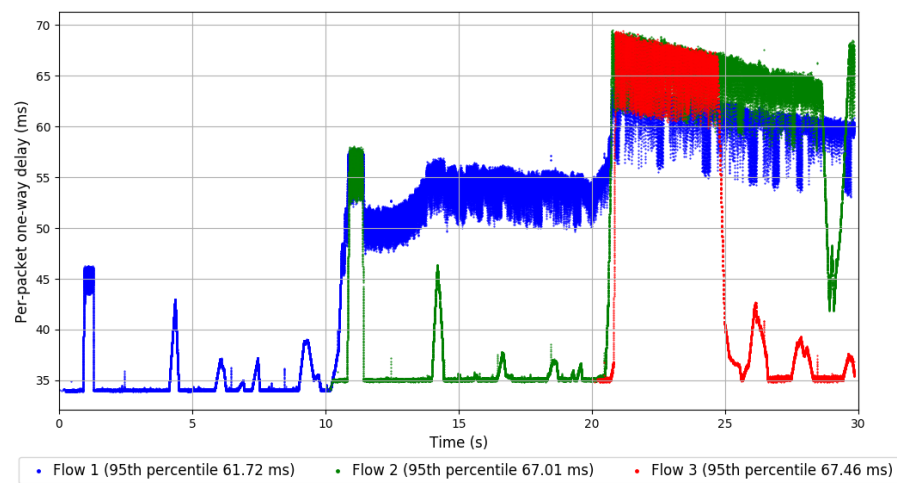
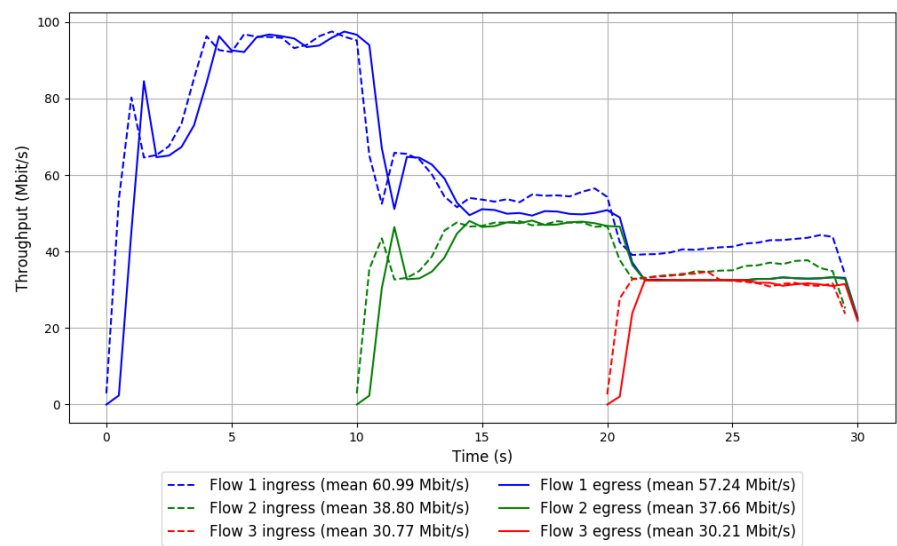
-- Flow 3:

Average throughput: 30.21 Mbit/s

95th percentile per-packet one-way delay: 67.462 ms

Loss rate: 2.45%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-10 02:51:32

End at: 2018-08-10 02:52:03

Local clock offset: -0.279 ms

Remote clock offset: -1.82 ms

Below is generated by plot.py at 2018-08-10 05:31:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.96 Mbit/s

95th percentile per-packet one-way delay: 65.998 ms

Loss rate: 3.23%

-- Flow 1:

Average throughput: 57.32 Mbit/s

95th percentile per-packet one-way delay: 65.175 ms

Loss rate: 2.63%

-- Flow 2:

Average throughput: 37.26 Mbit/s

95th percentile per-packet one-way delay: 66.291 ms

Loss rate: 4.84%

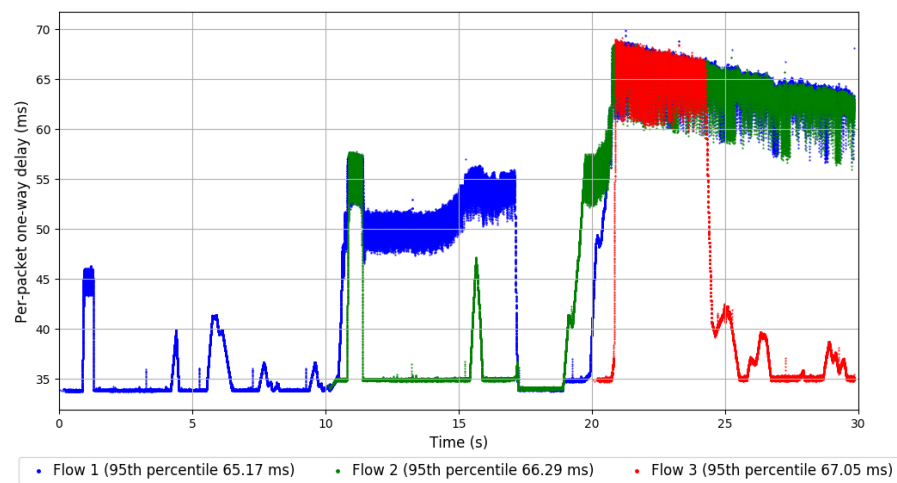
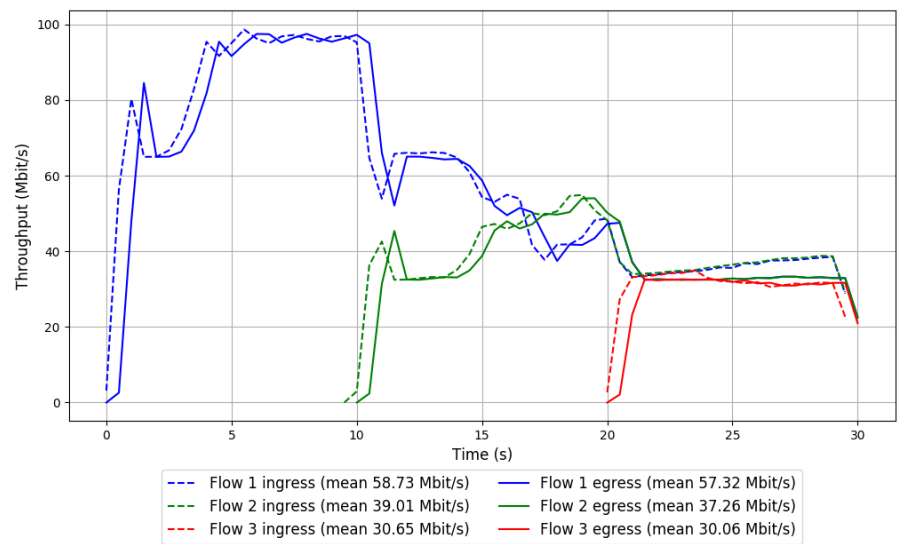
-- Flow 3:

Average throughput: 30.06 Mbit/s

95th percentile per-packet one-way delay: 67.046 ms

Loss rate: 2.57%

Run 4: Report of PCC-Allegro — Data Link

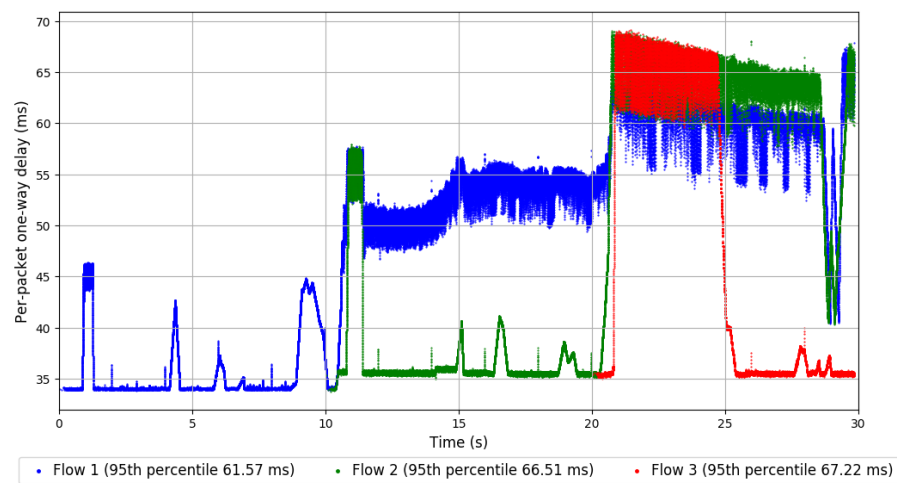
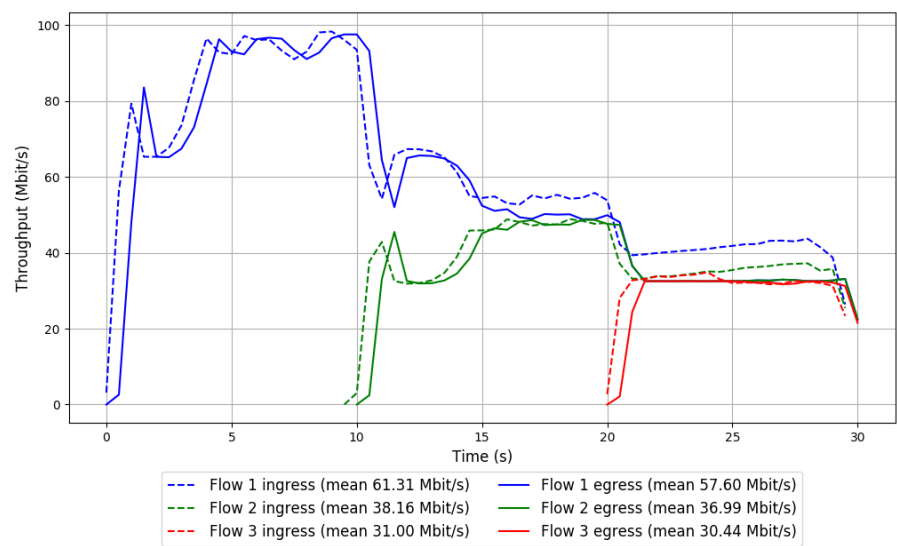


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-10 03:14:38
End at: 2018-08-10 03:15:08
Local clock offset: -0.212 ms
Remote clock offset: -0.942 ms

Below is generated by plot.py at 2018-08-10 05:31:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.18 Mbit/s
95th percentile per-packet one-way delay: 65.473 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 57.60 Mbit/s
95th percentile per-packet one-way delay: 61.572 ms
Loss rate: 6.28%
-- Flow 2:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 66.510 ms
Loss rate: 3.45%
-- Flow 3:
Average throughput: 30.44 Mbit/s
95th percentile per-packet one-way delay: 67.217 ms
Loss rate: 2.47%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-08-10 03:37:59

End at: 2018-08-10 03:38:29

Local clock offset: -0.378 ms

Remote clock offset: -0.58 ms

Below is generated by plot.py at 2018-08-10 05:31:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.98 Mbit/s

95th percentile per-packet one-way delay: 68.470 ms

Loss rate: 2.50%

-- Flow 1:

Average throughput: 55.91 Mbit/s

95th percentile per-packet one-way delay: 70.157 ms

Loss rate: 3.75%

-- Flow 2:

Average throughput: 43.87 Mbit/s

95th percentile per-packet one-way delay: 41.360 ms

Loss rate: 0.37%

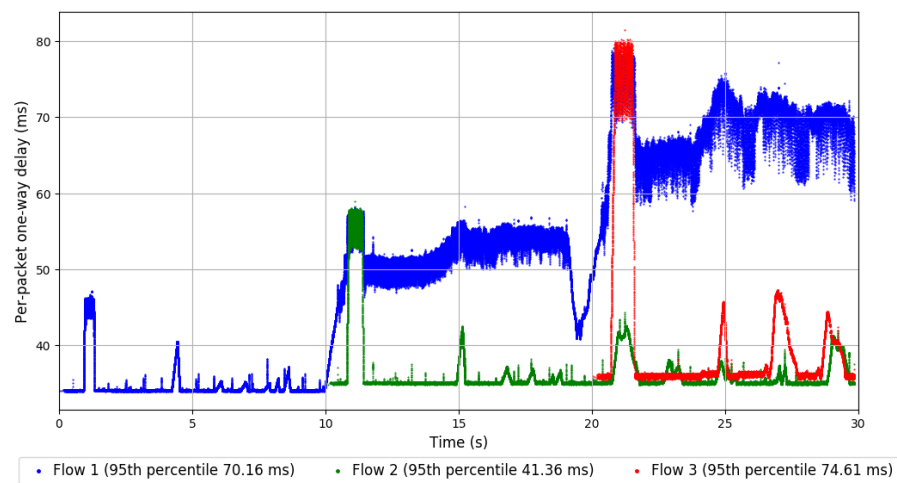
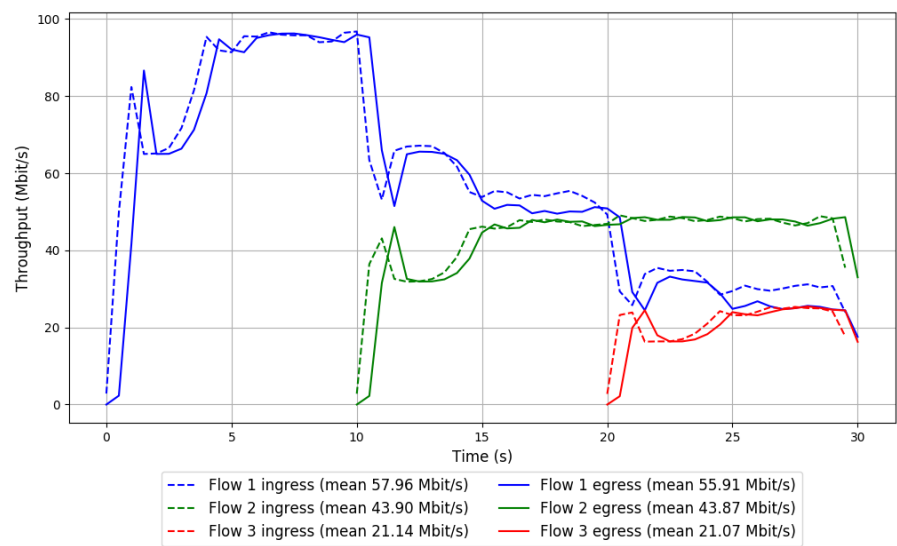
-- Flow 3:

Average throughput: 21.07 Mbit/s

95th percentile per-packet one-way delay: 74.614 ms

Loss rate: 0.99%

Run 6: Report of PCC-Allegro — Data Link

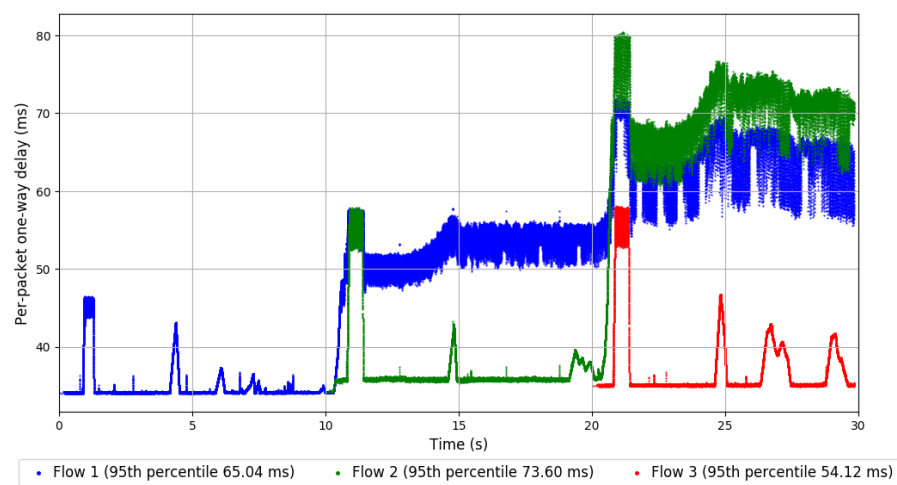
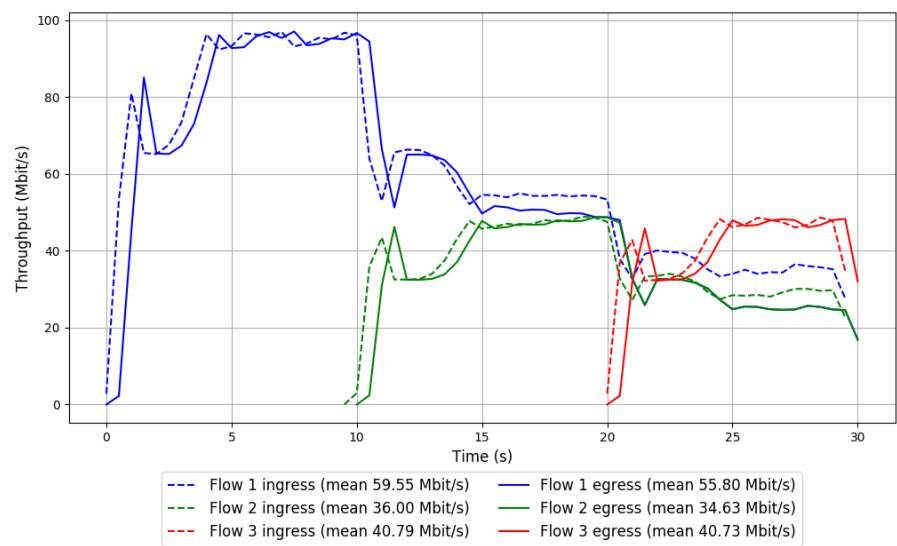


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-10 04:01:35
End at: 2018-08-10 04:02:05
Local clock offset: -0.197 ms
Remote clock offset: -1.269 ms

Below is generated by plot.py at 2018-08-10 05:31:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: 69.776 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 55.80 Mbit/s
95th percentile per-packet one-way delay: 65.044 ms
Loss rate: 6.52%
-- Flow 2:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 73.598 ms
Loss rate: 4.15%
-- Flow 3:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 54.115 ms
Loss rate: 0.81%

Run 7: Report of PCC-Allegro — Data Link

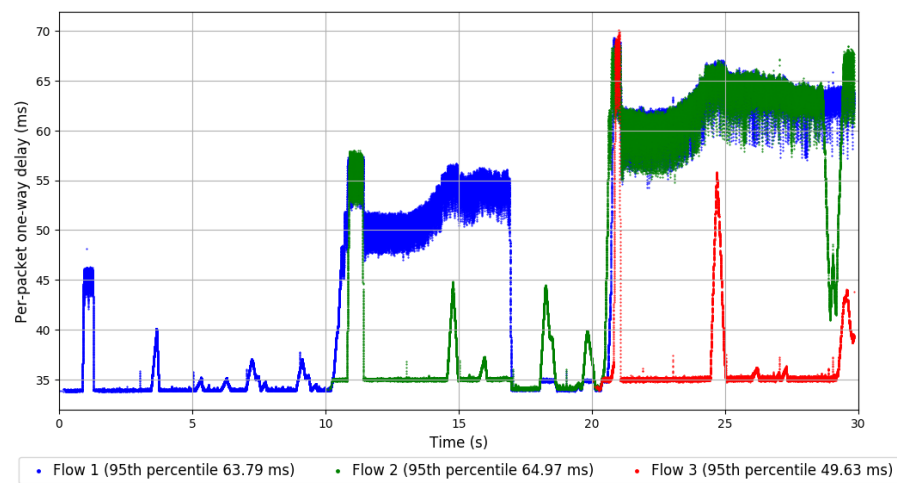
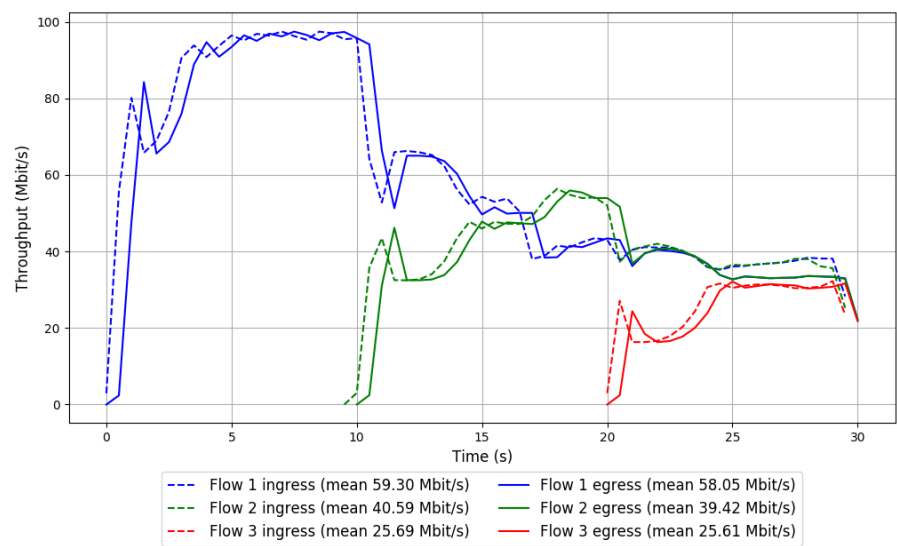


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-10 04:24:51
End at: 2018-08-10 04:25:21
Local clock offset: -0.212 ms
Remote clock offset: -1.752 ms

Below is generated by plot.py at 2018-08-10 05:32:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 64.208 ms
Loss rate: 2.48%
-- Flow 1:
Average throughput: 58.05 Mbit/s
95th percentile per-packet one-way delay: 63.791 ms
Loss rate: 2.36%
-- Flow 2:
Average throughput: 39.42 Mbit/s
95th percentile per-packet one-way delay: 64.974 ms
Loss rate: 3.25%
-- Flow 3:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 49.632 ms
Loss rate: 0.91%

Run 8: Report of PCC-Allegro — Data Link

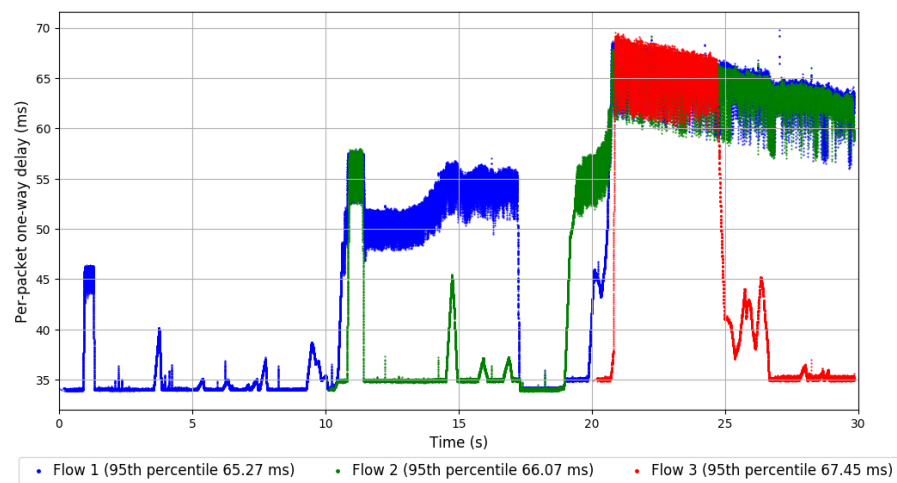
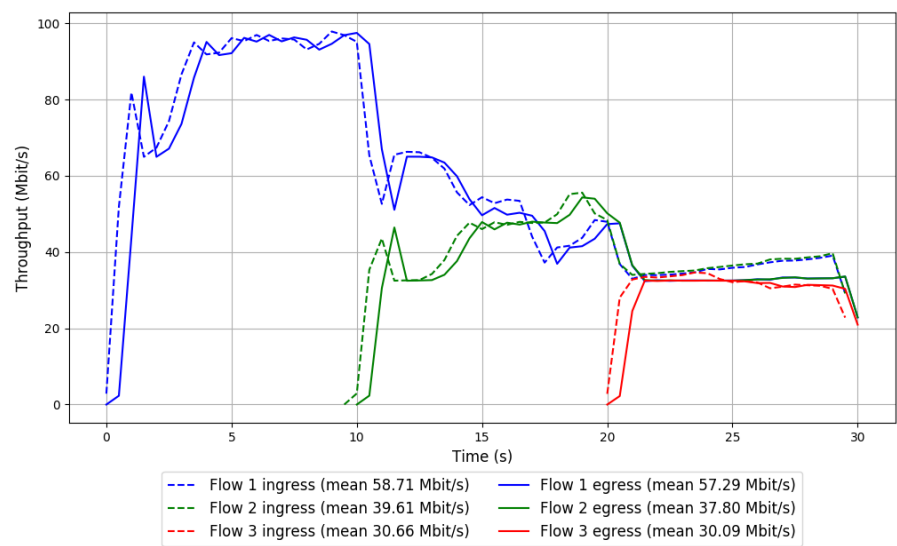


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-10 04:48:14
End at: 2018-08-10 04:48:44
Local clock offset: -0.228 ms
Remote clock offset: -1.681 ms

Below is generated by plot.py at 2018-08-10 05:32:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 66.064 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 57.29 Mbit/s
95th percentile per-packet one-way delay: 65.272 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 37.80 Mbit/s
95th percentile per-packet one-way delay: 66.072 ms
Loss rate: 4.89%
-- Flow 3:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 67.450 ms
Loss rate: 2.52%

Run 9: Report of PCC-Allegro — Data Link

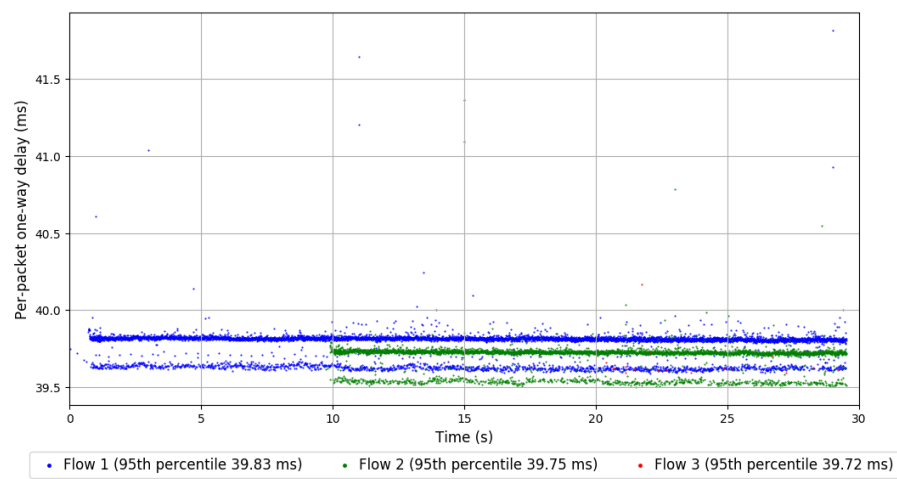
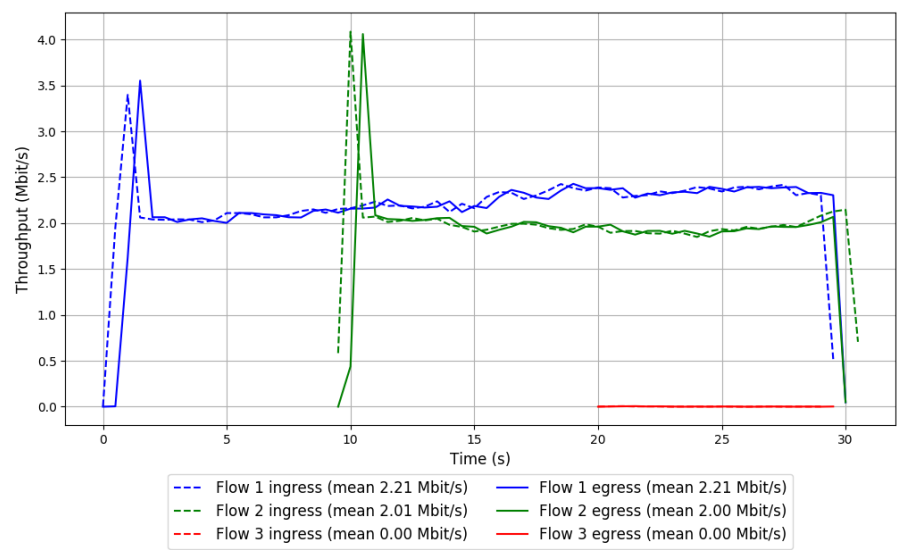


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-10 05:15:28
End at: 2018-08-10 05:15:58
Local clock offset: -0.396 ms
Remote clock offset: -0.294 ms

Below is generated by plot.py at 2018-08-10 05:32:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 39.830 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 39.834 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 39.748 ms
Loss rate: 6.05%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 39.720 ms
Loss rate: 0.00%

Run 10: Report of PCC-Allegro — Data Link

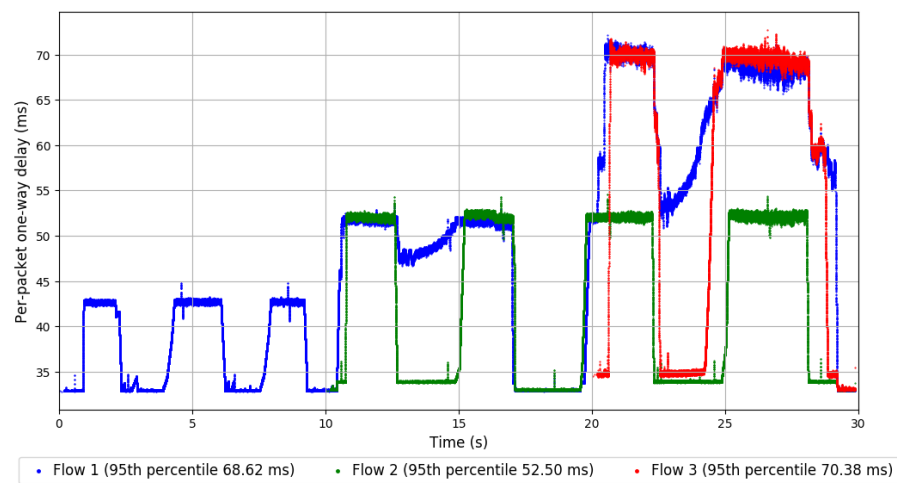
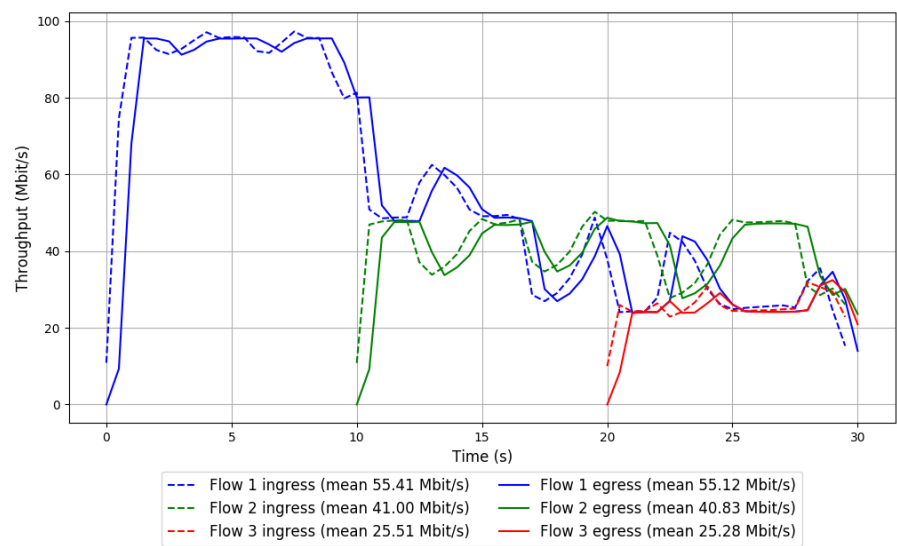


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-10 01:36:47
End at: 2018-08-10 01:37:17
Local clock offset: 0.059 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at 2018-08-10 05:33:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 69.463 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 68.617 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 52.500 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 25.28 Mbit/s
95th percentile per-packet one-way delay: 70.379 ms
Loss rate: 1.55%
```


Run 1: Report of PCC-Expr — Data Link

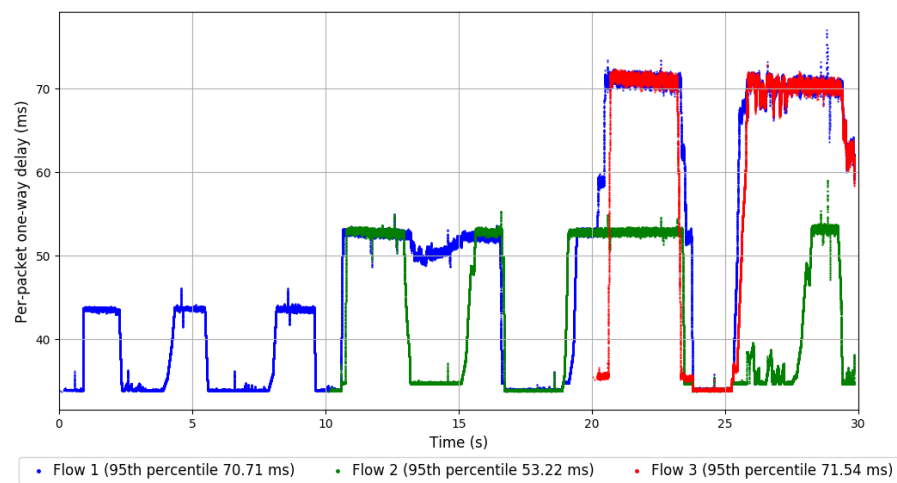
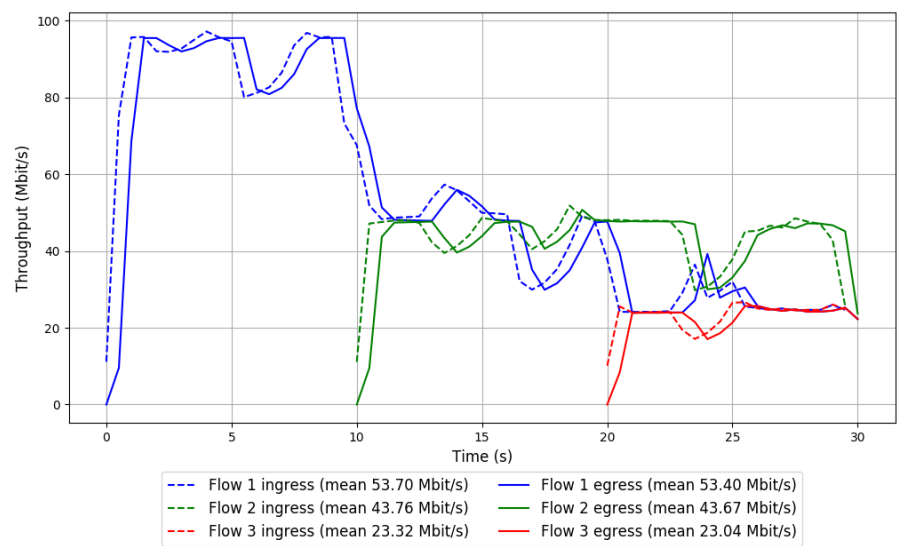


Run 2: Statistics of PCC-Expr

Start at: 2018-08-10 02:00:07
End at: 2018-08-10 02:00:37
Local clock offset: -0.361 ms
Remote clock offset: -1.823 ms

Below is generated by plot.py at 2018-08-10 05:33:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.00 Mbit/s
95th percentile per-packet one-way delay: 70.846 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 53.40 Mbit/s
95th percentile per-packet one-way delay: 70.713 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 43.67 Mbit/s
95th percentile per-packet one-way delay: 53.222 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 23.04 Mbit/s
95th percentile per-packet one-way delay: 71.544 ms
Loss rate: 1.96%

Run 2: Report of PCC-Expr — Data Link

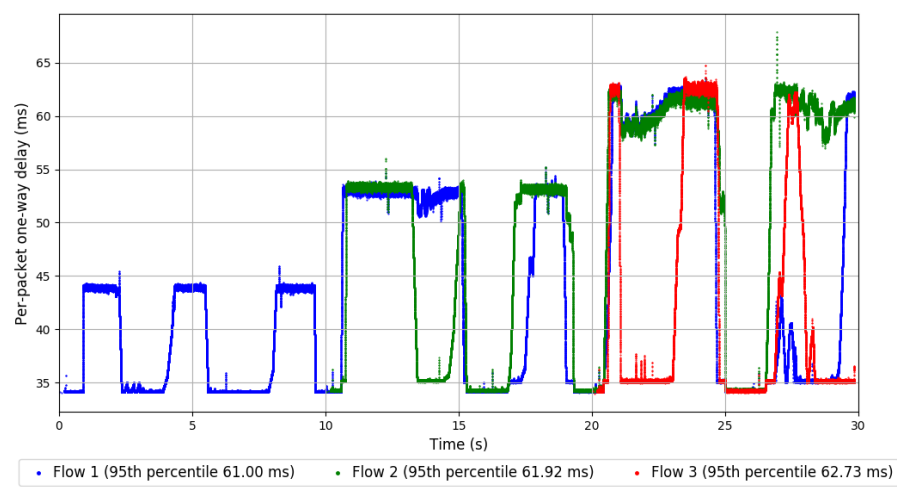
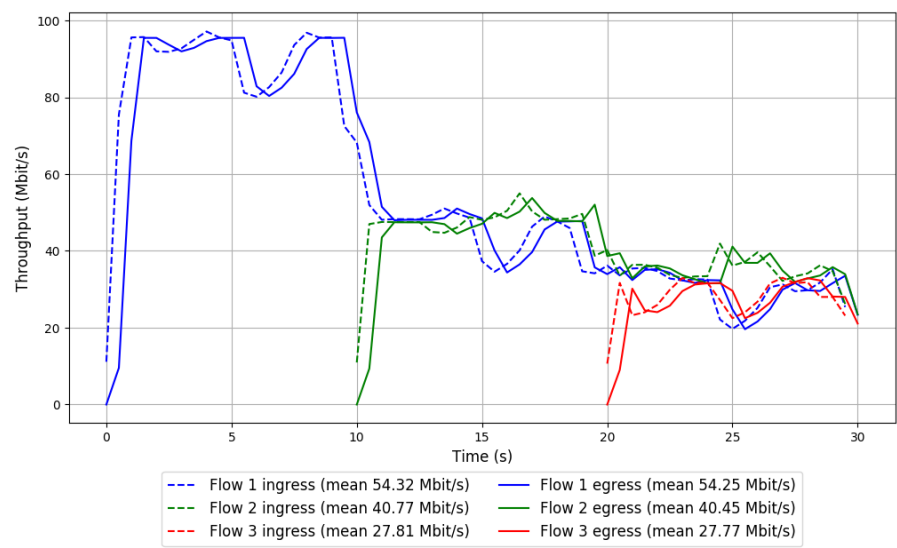


Run 3: Statistics of PCC-Expr

Start at: 2018-08-10 02:23:01
End at: 2018-08-10 02:23:31
Local clock offset: -0.236 ms
Remote clock offset: -3.249 ms

Below is generated by plot.py at 2018-08-10 05:33:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 61.920 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 54.25 Mbit/s
95th percentile per-packet one-way delay: 60.996 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 61.922 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 62.730 ms
Loss rate: 0.82%

Run 3: Report of PCC-Expr — Data Link

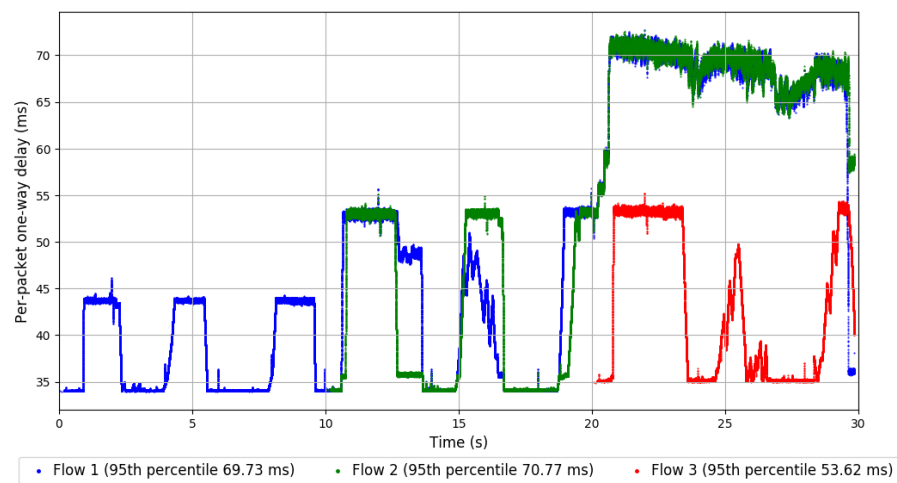
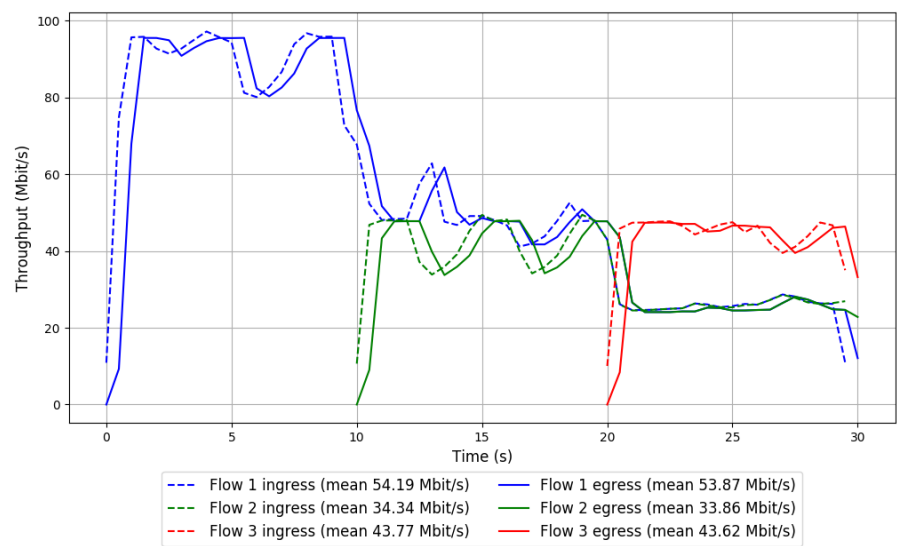


Run 4: Statistics of PCC-Expr

Start at: 2018-08-10 02:46:06
End at: 2018-08-10 02:46:36
Local clock offset: -0.17 ms
Remote clock offset: -2.248 ms

Below is generated by plot.py at 2018-08-10 05:33:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 70.050 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 69.731 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 70.773 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 43.62 Mbit/s
95th percentile per-packet one-way delay: 53.621 ms
Loss rate: 1.00%

Run 4: Report of PCC-Expr — Data Link

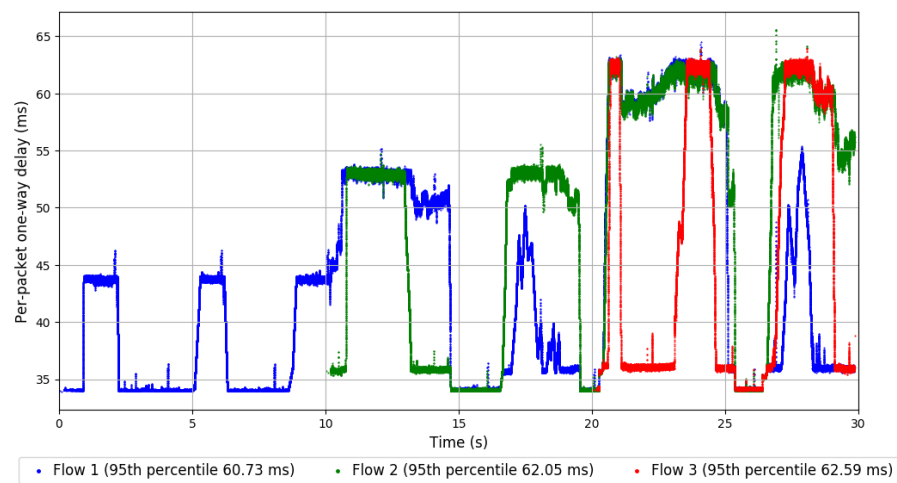
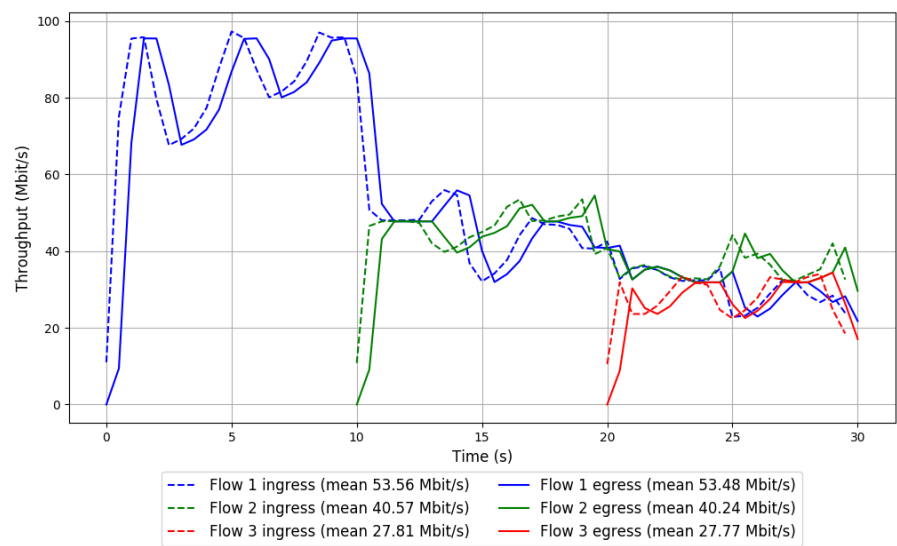


Run 5: Statistics of PCC-Expr

Start at: 2018-08-10 03:09:12
End at: 2018-08-10 03:09:42
Local clock offset: -0.316 ms
Remote clock offset: -1.175 ms

Below is generated by plot.py at 2018-08-10 05:33:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 62.094 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 53.48 Mbit/s
95th percentile per-packet one-way delay: 60.729 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 40.24 Mbit/s
95th percentile per-packet one-way delay: 62.051 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 62.587 ms
Loss rate: 0.77%

Run 5: Report of PCC-Expr — Data Link

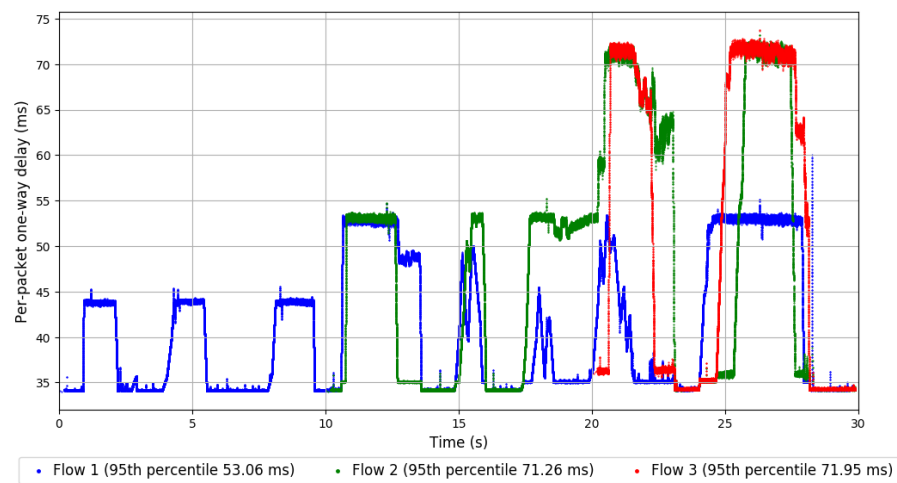
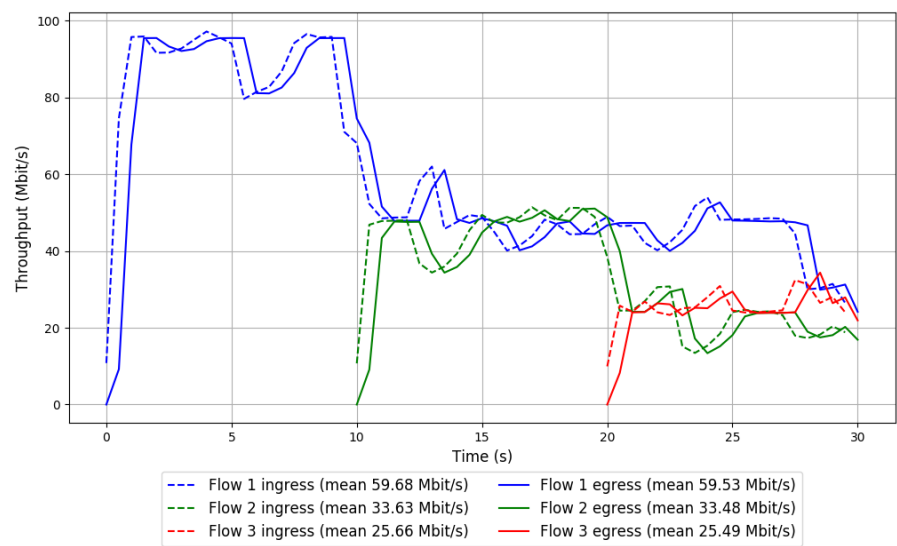


Run 6: Statistics of PCC-Expr

Start at: 2018-08-10 03:32:23
End at: 2018-08-10 03:32:53
Local clock offset: -0.359 ms
Remote clock offset: -0.358 ms

Below is generated by plot.py at 2018-08-10 05:33:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 70.641 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 53.059 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 33.48 Mbit/s
95th percentile per-packet one-way delay: 71.258 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 25.49 Mbit/s
95th percentile per-packet one-way delay: 71.954 ms
Loss rate: 1.34%

Run 6: Report of PCC-Expr — Data Link

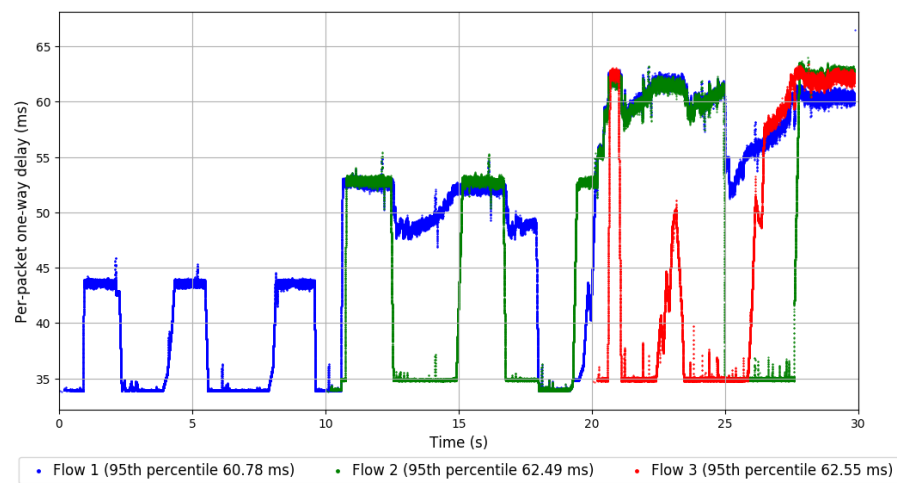
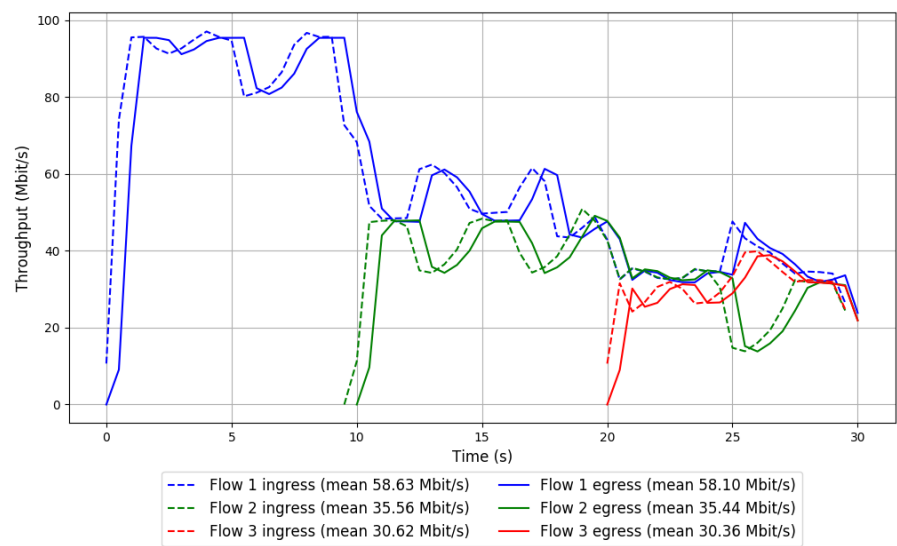


Run 7: Statistics of PCC-Expr

Start at: 2018-08-10 03:56:02
End at: 2018-08-10 03:56:32
Local clock offset: -0.3 ms
Remote clock offset: -1.171 ms

Below is generated by plot.py at 2018-08-10 05:34:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 62.044 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 58.10 Mbit/s
95th percentile per-packet one-way delay: 60.778 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 35.44 Mbit/s
95th percentile per-packet one-way delay: 62.488 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 62.554 ms
Loss rate: 1.68%

Run 7: Report of PCC-Expr — Data Link

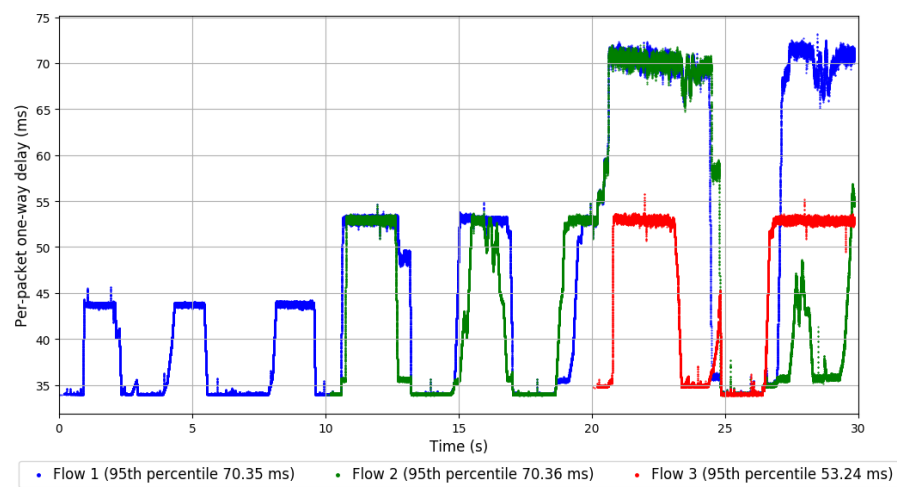
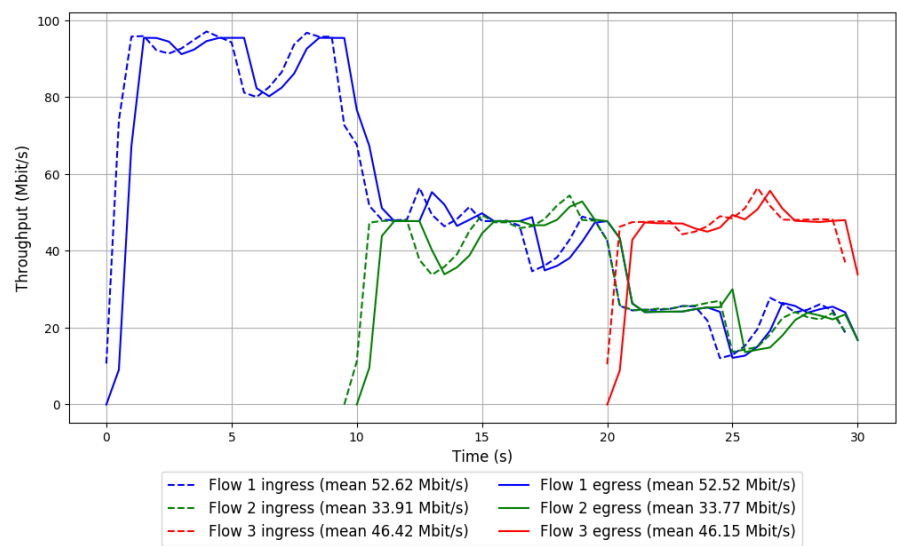


Run 8: Statistics of PCC-Expr

Start at: 2018-08-10 04:19:22
End at: 2018-08-10 04:19:52
Local clock offset: -0.186 ms
Remote clock offset: -1.621 ms

Below is generated by plot.py at 2018-08-10 05:34:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 70.120 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 52.52 Mbit/s
95th percentile per-packet one-way delay: 70.354 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 33.77 Mbit/s
95th percentile per-packet one-way delay: 70.363 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 46.15 Mbit/s
95th percentile per-packet one-way delay: 53.237 ms
Loss rate: 1.32%

Run 8: Report of PCC-Expr — Data Link

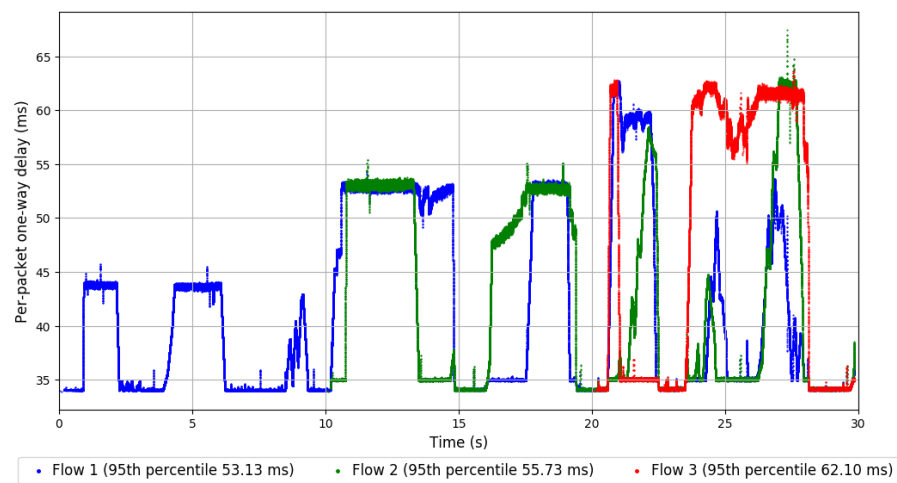
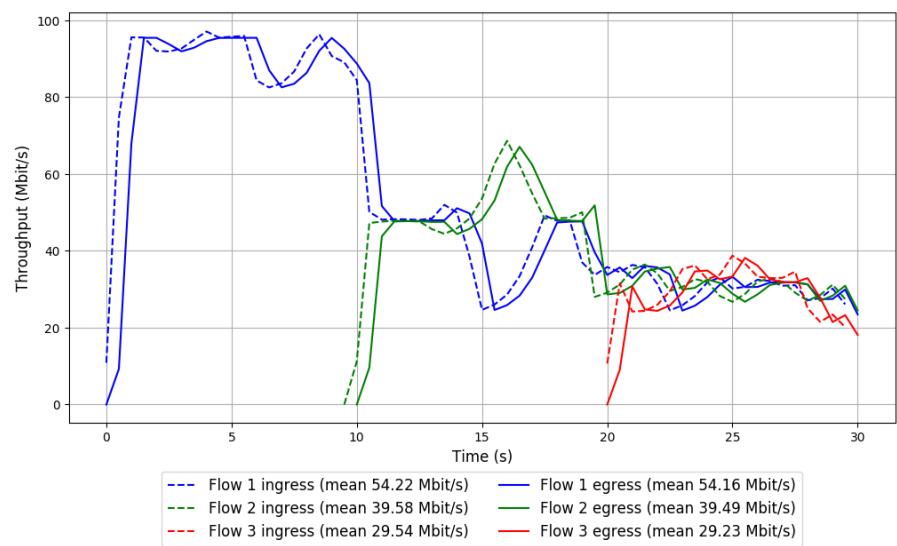


```
Run 9: Statistics of PCC-Expr

Start at: 2018-08-10 04:42:40
End at: 2018-08-10 04:43:10
Local clock offset: -0.222 ms
Remote clock offset: -1.731 ms

# Below is generated by plot.py at 2018-08-10 05:35:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.03 Mbit/s
95th percentile per-packet one-way delay: 60.235 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 54.16 Mbit/s
95th percentile per-packet one-way delay: 53.126 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 55.729 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 29.23 Mbit/s
95th percentile per-packet one-way delay: 62.099 ms
Loss rate: 1.71%
```


Run 9: Report of PCC-Expr — Data Link

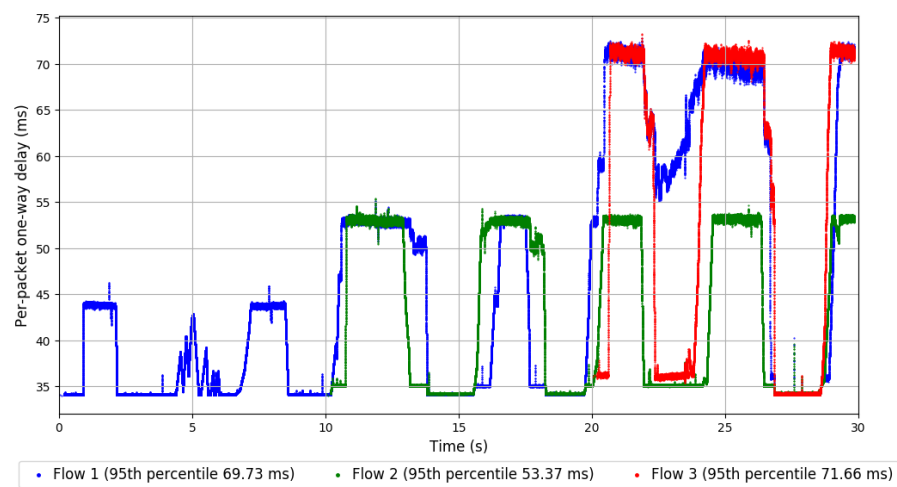
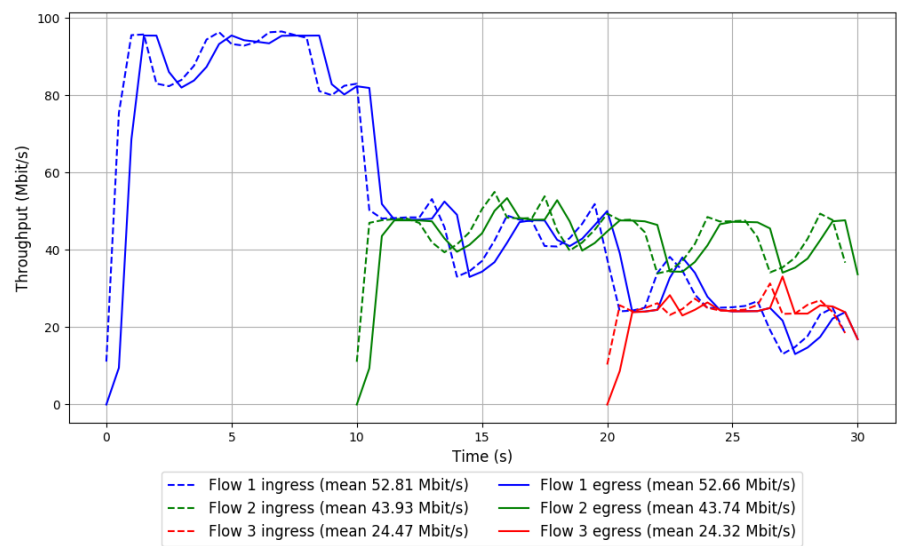


Run 10: Statistics of PCC-Expr

Start at: 2018-08-10 05:06:06
End at: 2018-08-10 05:06:36
Local clock offset: -0.296 ms
Remote clock offset: -1.519 ms

Below is generated by plot.py at 2018-08-10 05:35:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.74 Mbit/s
95th percentile per-packet one-way delay: 70.686 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 52.66 Mbit/s
95th percentile per-packet one-way delay: 69.735 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 43.74 Mbit/s
95th percentile per-packet one-way delay: 53.368 ms
Loss rate: 0.79%
-- Flow 3:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 71.660 ms
Loss rate: 1.45%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-08-10 01:32:34

End at: 2018-08-10 01:33:04

Local clock offset: -0.018 ms

Remote clock offset: -1.07 ms

Below is generated by plot.py at 2018-08-10 05:35:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.87 Mbit/s

95th percentile per-packet one-way delay: 51.445 ms

Loss rate: 0.38%

-- Flow 1:

Average throughput: 52.34 Mbit/s

95th percentile per-packet one-way delay: 45.426 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 35.28 Mbit/s

95th percentile per-packet one-way delay: 55.428 ms

Loss rate: 0.61%

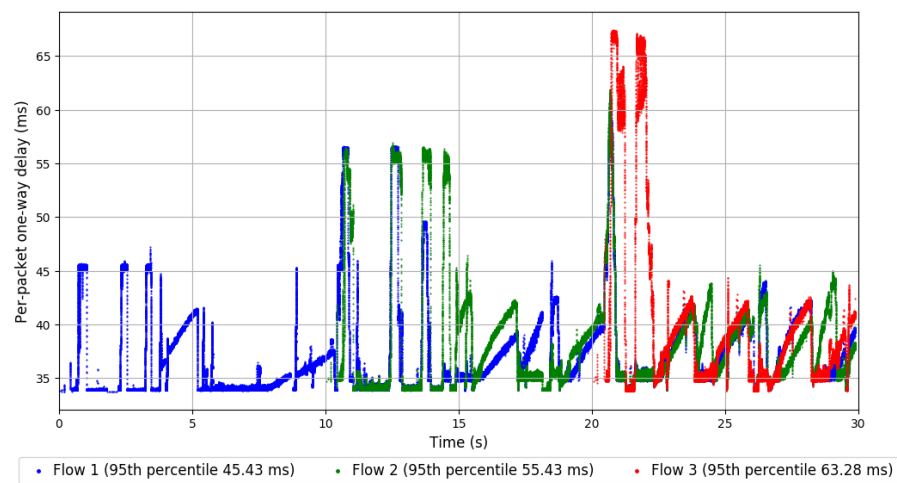
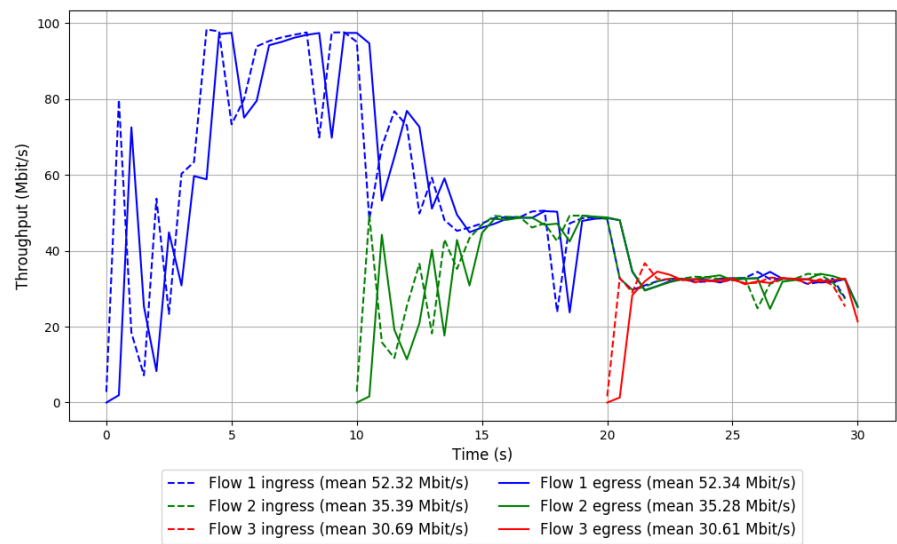
-- Flow 3:

Average throughput: 30.61 Mbit/s

95th percentile per-packet one-way delay: 63.285 ms

Loss rate: 0.91%

Run 1: Report of QUIC Cubic — Data Link

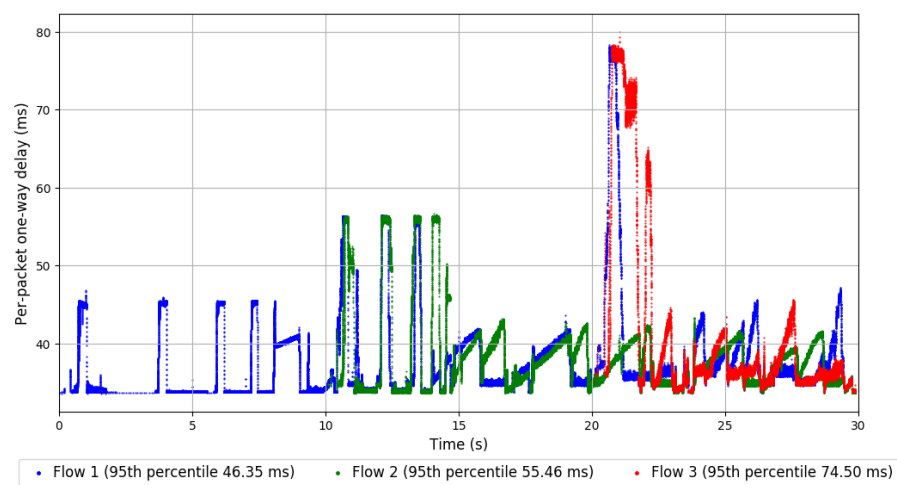
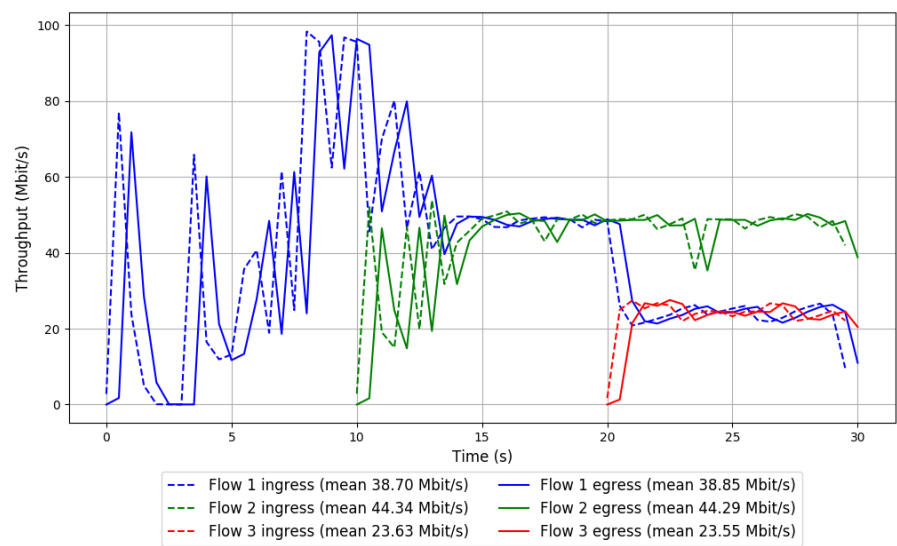


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-10 01:56:03
End at: 2018-08-10 01:56:33
Local clock offset: -0.308 ms
Remote clock offset: -1.478 ms

Below is generated by plot.py at 2018-08-10 05:35:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.88 Mbit/s
95th percentile per-packet one-way delay: 55.440 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 46.349 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 44.29 Mbit/s
95th percentile per-packet one-way delay: 55.461 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 23.55 Mbit/s
95th percentile per-packet one-way delay: 74.495 ms
Loss rate: 1.00%

Run 2: Report of QUIC Cubic — Data Link

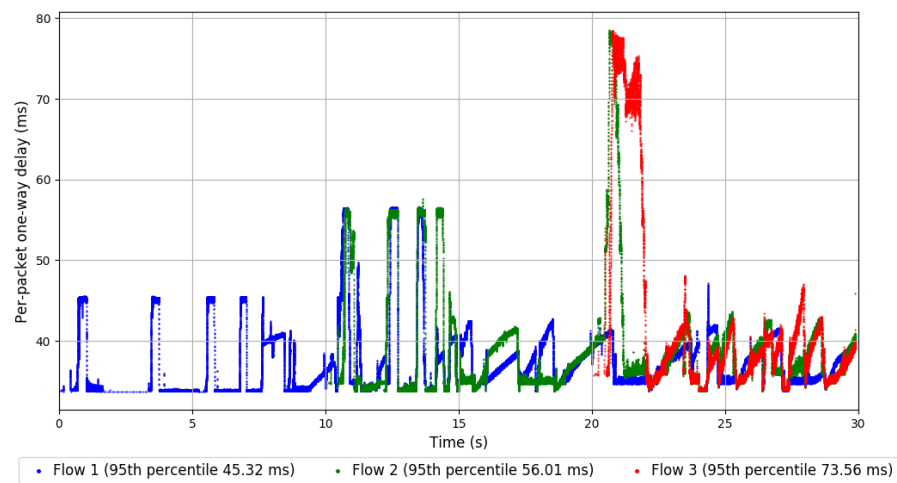
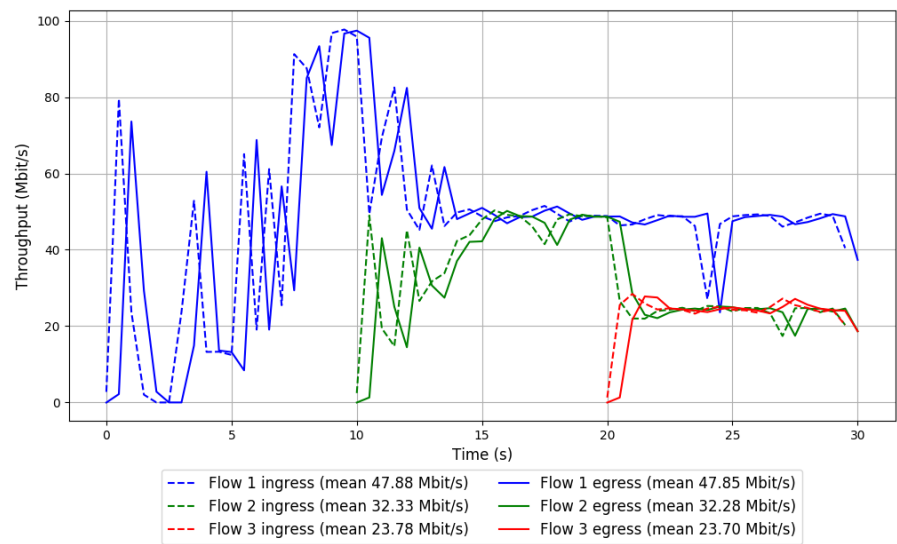


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-10 02:18:56
End at: 2018-08-10 02:19:26
Local clock offset: -0.277 ms
Remote clock offset: -2.805 ms

Below is generated by plot.py at 2018-08-10 05:35:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.10 Mbit/s
95th percentile per-packet one-way delay: 55.612 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 47.85 Mbit/s
95th percentile per-packet one-way delay: 45.319 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 56.012 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 23.70 Mbit/s
95th percentile per-packet one-way delay: 73.557 ms
Loss rate: 0.99%

Run 3: Report of QUIC Cubic — Data Link

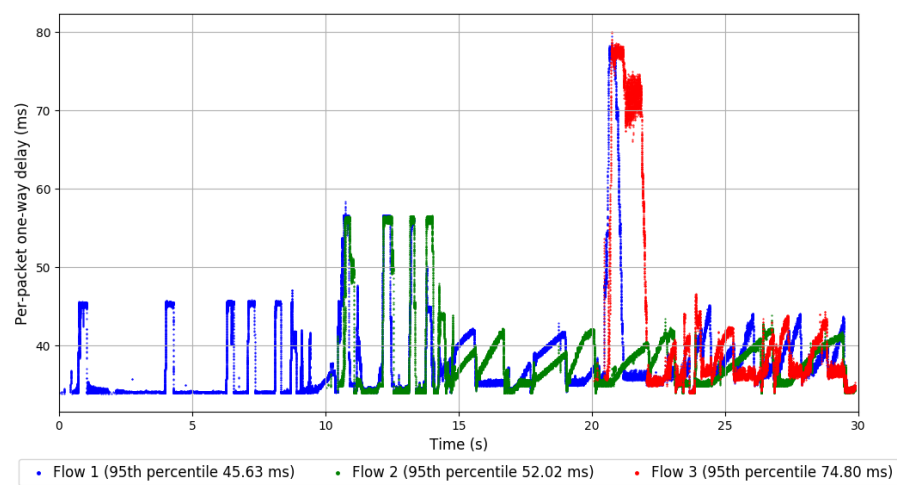
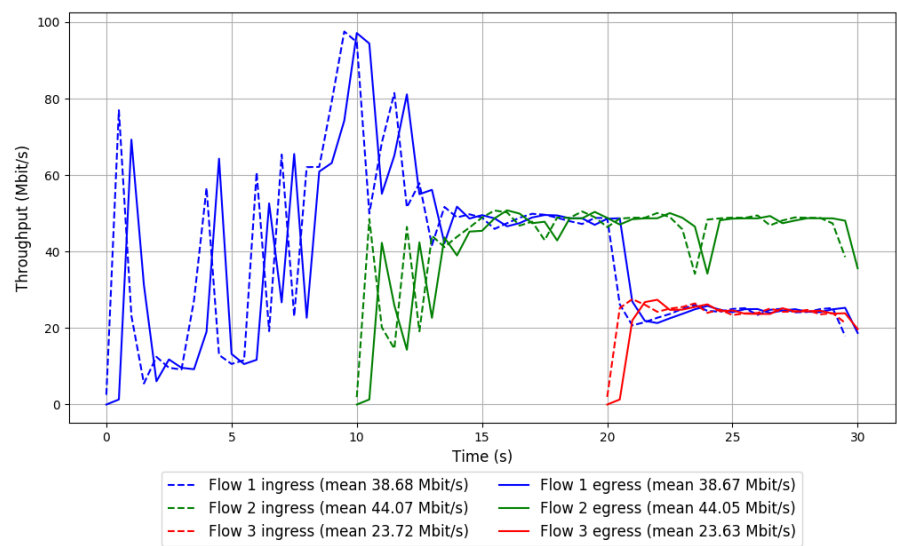


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-10 02:41:59
End at: 2018-08-10 02:42:29
Local clock offset: -0.153 ms
Remote clock offset: -2.453 ms

Below is generated by plot.py at 2018-08-10 05:35:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.73 Mbit/s
95th percentile per-packet one-way delay: 54.499 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 45.634 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 52.019 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 74.797 ms
Loss rate: 1.01%

Run 4: Report of QUIC Cubic — Data Link

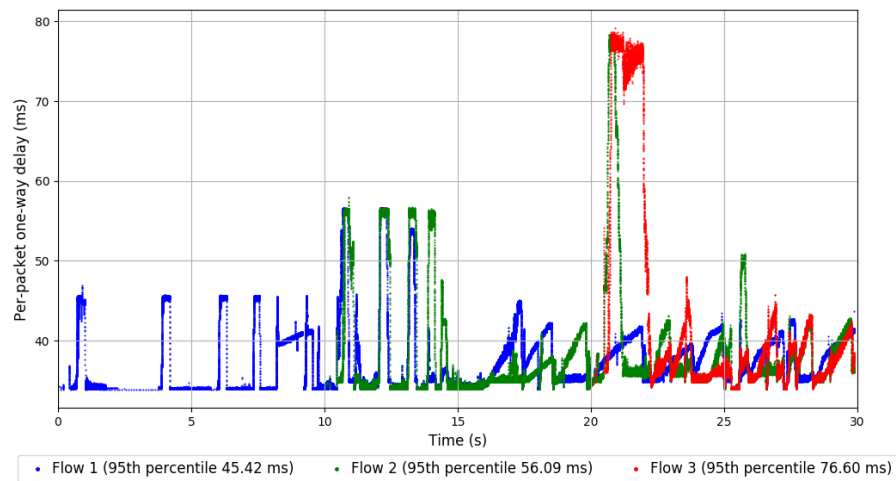
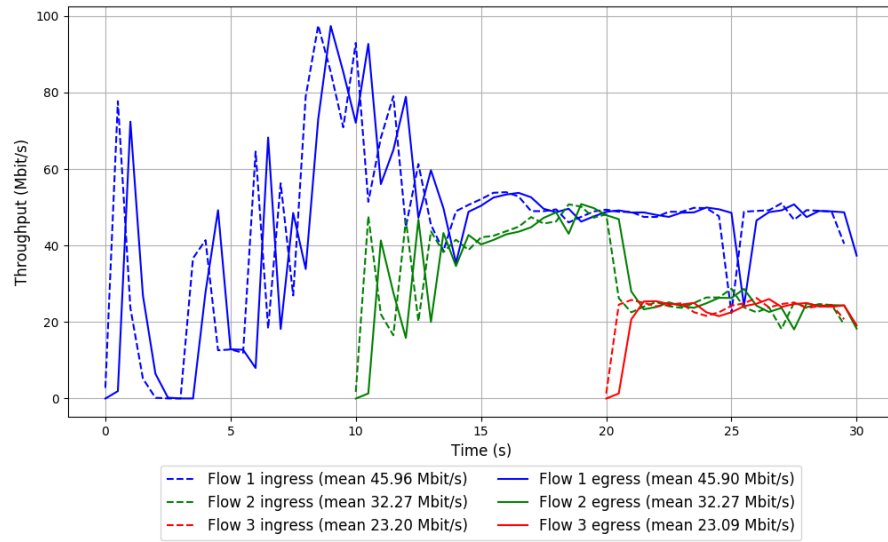


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-10 03:04:57
End at: 2018-08-10 03:05:27
Local clock offset: -0.24 ms
Remote clock offset: -1.034 ms

Below is generated by plot.py at 2018-08-10 05:35:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.95 Mbit/s
95th percentile per-packet one-way delay: 54.492 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 45.90 Mbit/s
95th percentile per-packet one-way delay: 45.418 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 56.095 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 23.09 Mbit/s
95th percentile per-packet one-way delay: 76.602 ms
Loss rate: 1.11%

Run 5: Report of QUIC Cubic — Data Link

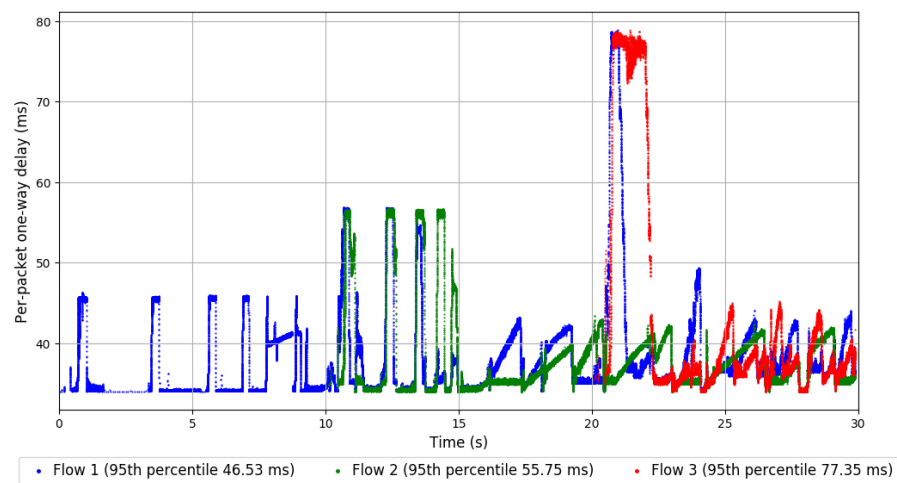
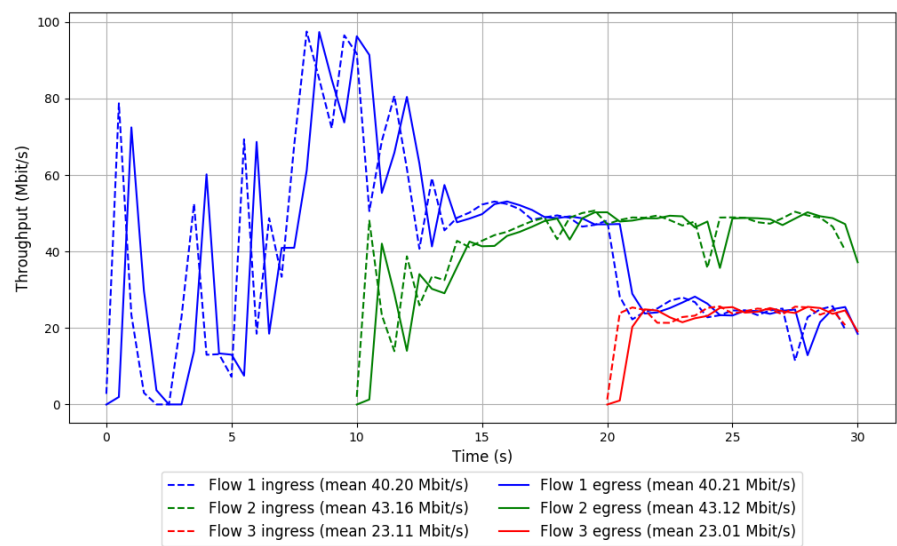


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-10 03:28:18
End at: 2018-08-10 03:28:48
Local clock offset: -0.457 ms
Remote clock offset: -0.563 ms

Below is generated by plot.py at 2018-08-10 05:35:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.42 Mbit/s
95th percentile per-packet one-way delay: 55.644 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 46.530 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 43.12 Mbit/s
95th percentile per-packet one-way delay: 55.754 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 23.01 Mbit/s
95th percentile per-packet one-way delay: 77.346 ms
Loss rate: 1.11%

Run 6: Report of QUIC Cubic — Data Link

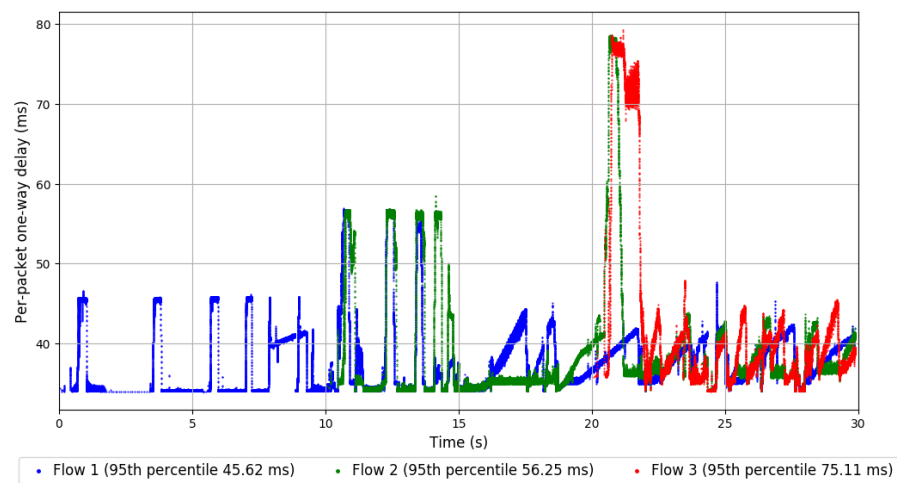
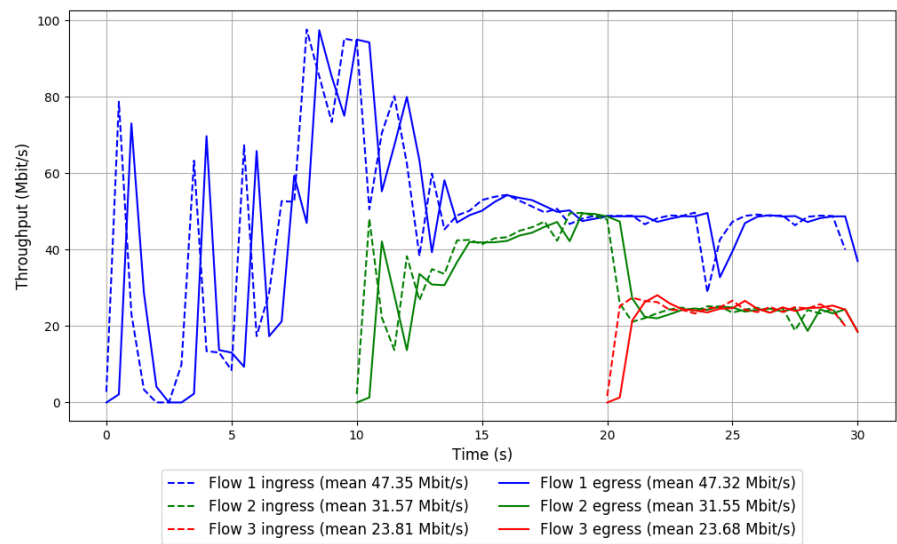


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-10 03:51:50
End at: 2018-08-10 03:52:20
Local clock offset: -0.297 ms
Remote clock offset: -1.327 ms

Below is generated by plot.py at 2018-08-10 05:35:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.09 Mbit/s
95th percentile per-packet one-way delay: 55.021 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 47.32 Mbit/s
95th percentile per-packet one-way delay: 45.622 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 56.253 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 75.107 ms
Loss rate: 1.18%

Run 7: Report of QUIC Cubic — Data Link

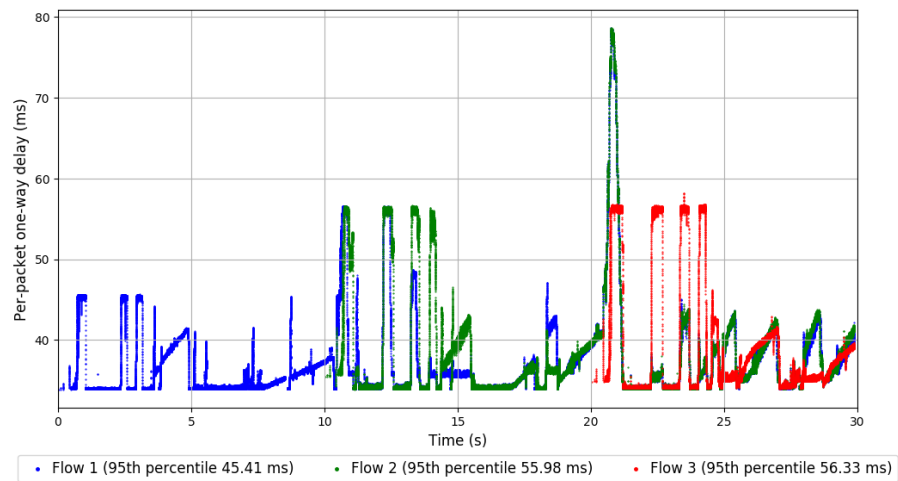
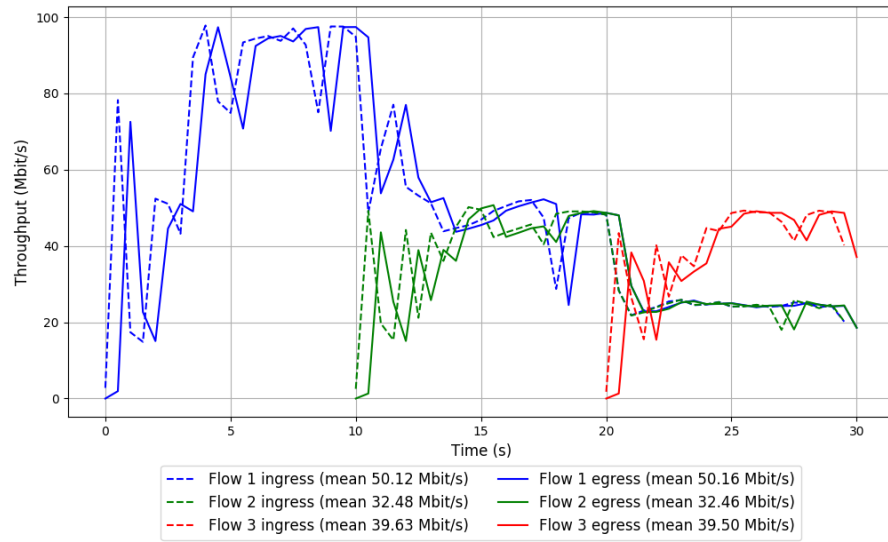


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-10 04:15:10
End at: 2018-08-10 04:15:40
Local clock offset: -0.267 ms
Remote clock offset: -1.541 ms

Below is generated by plot.py at 2018-08-10 05:36:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 55.829 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 45.411 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 55.976 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 56.328 ms
Loss rate: 0.99%

Run 8: Report of QUIC Cubic — Data Link

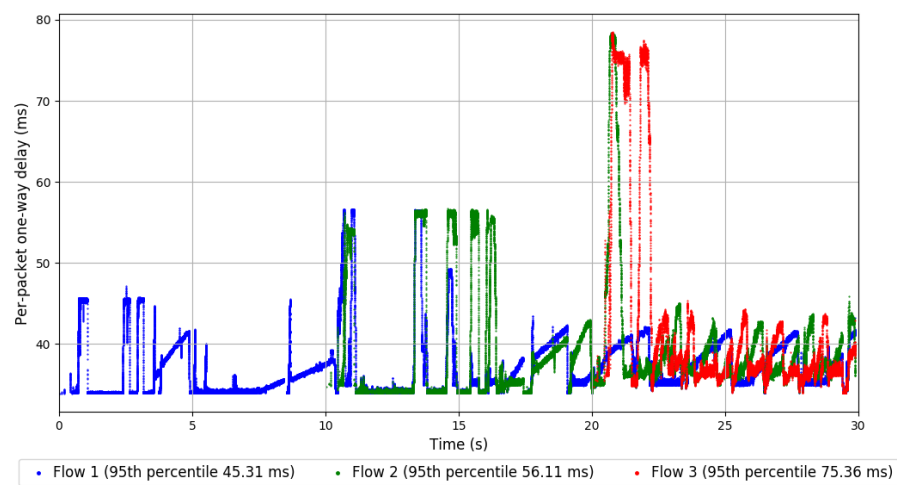
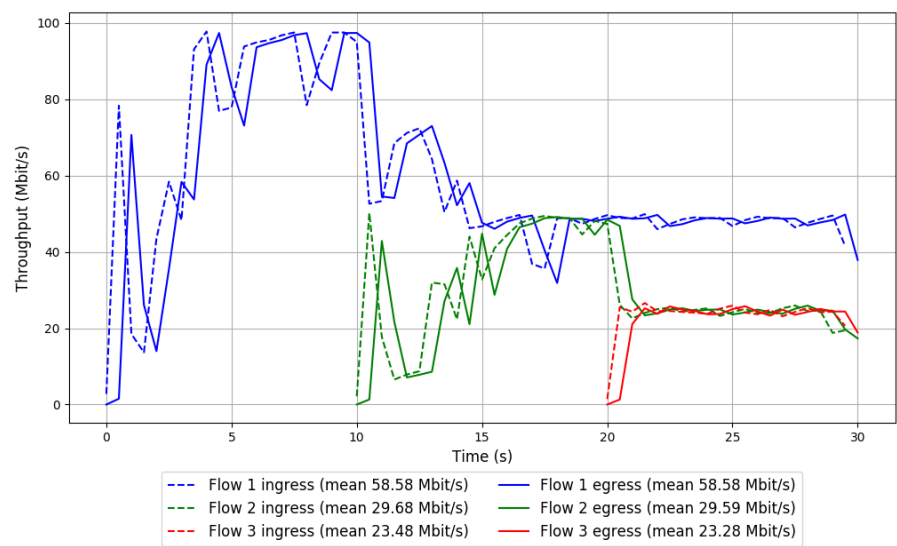


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-10 04:38:33
End at: 2018-08-10 04:39:03
Local clock offset: -0.225 ms
Remote clock offset: -1.725 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.90 Mbit/s
95th percentile per-packet one-way delay: 53.467 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 58.58 Mbit/s
95th percentile per-packet one-way delay: 45.308 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 29.59 Mbit/s
95th percentile per-packet one-way delay: 56.110 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 23.28 Mbit/s
95th percentile per-packet one-way delay: 75.361 ms
Loss rate: 1.46%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-10 05:01:51

End at: 2018-08-10 05:02:21

Local clock offset: -0.297 ms

Remote clock offset: -1.43 ms

Below is generated by plot.py at 2018-08-10 05:36:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.26 Mbit/s

95th percentile per-packet one-way delay: 54.710 ms

Loss rate: 0.42%

-- Flow 1:

Average throughput: 39.86 Mbit/s

95th percentile per-packet one-way delay: 45.630 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 43.32 Mbit/s

95th percentile per-packet one-way delay: 55.467 ms

Loss rate: 0.43%

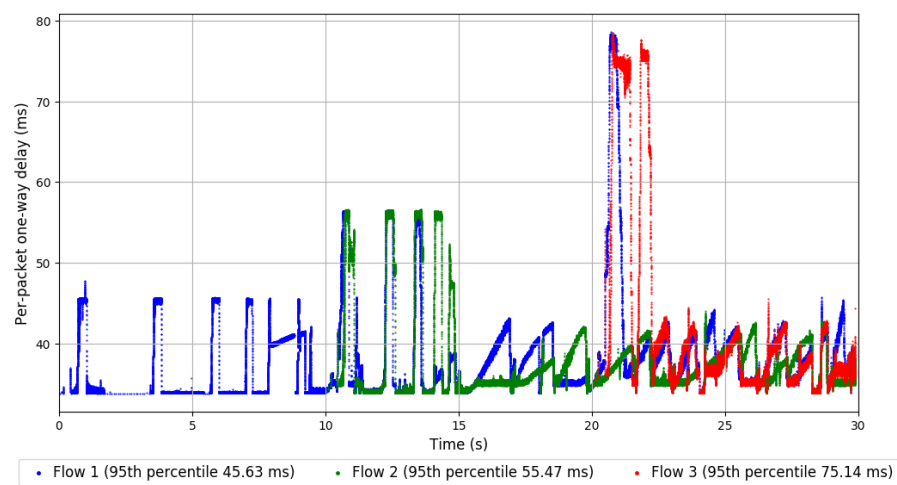
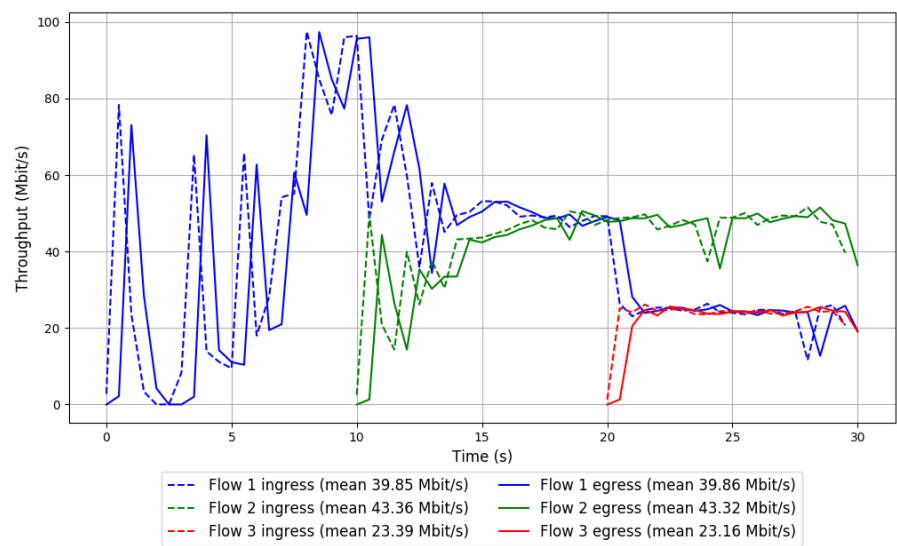
-- Flow 3:

Average throughput: 23.16 Mbit/s

95th percentile per-packet one-way delay: 75.135 ms

Loss rate: 1.59%

Run 10: Report of QUIC Cubic — Data Link

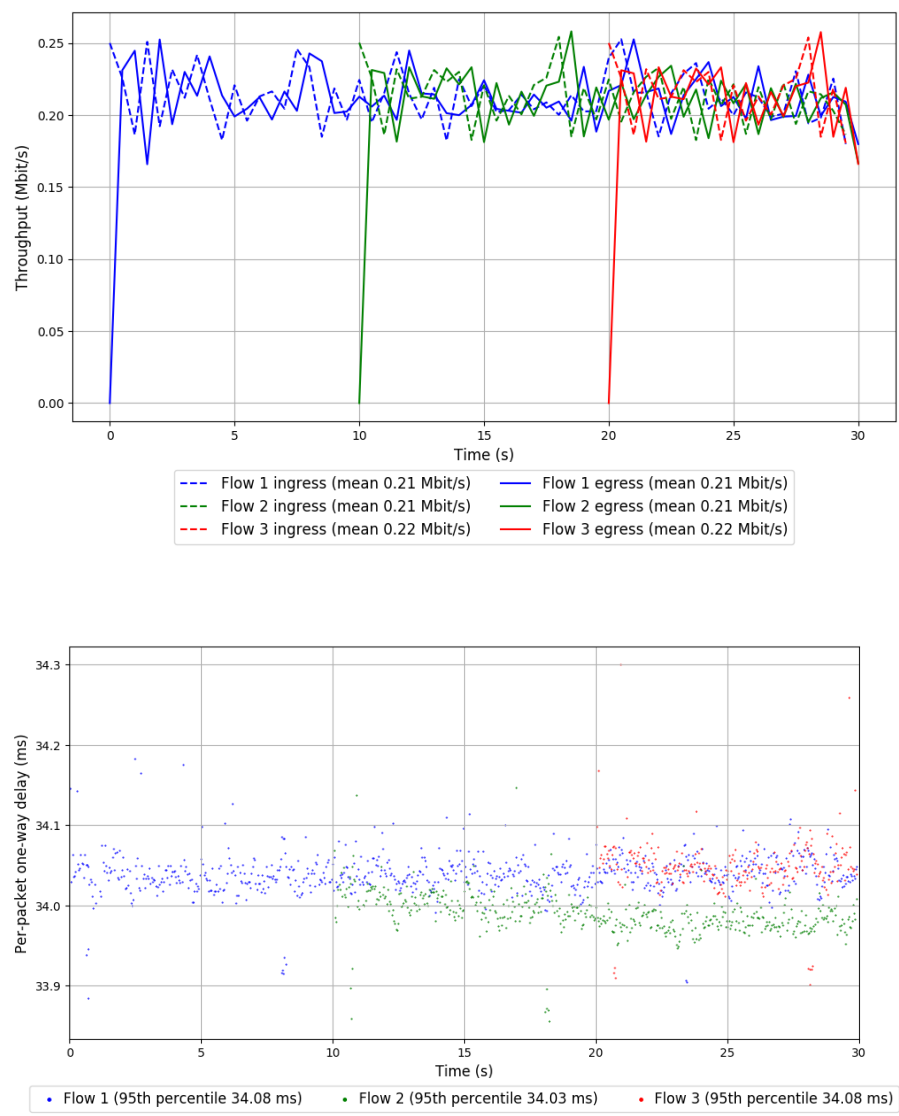


```
Run 1: Statistics of SCReAM

Start at: 2018-08-10 01:31:18
End at: 2018-08-10 01:31:48
Local clock offset: -0.007 ms
Remote clock offset: -1.253 ms

# Below is generated by plot.py at 2018-08-10 05:36:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.072 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.075 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.027 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.084 ms
Loss rate: 0.71%
```


Run 1: Report of SReAM — Data Link

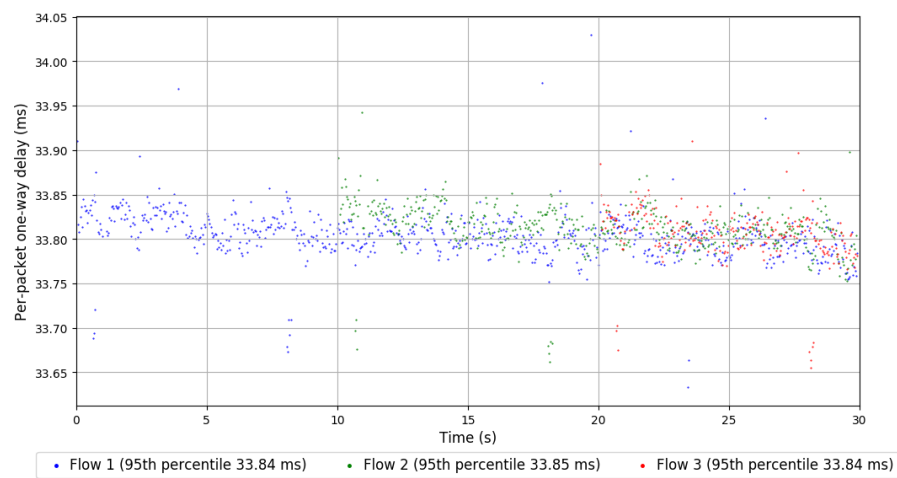
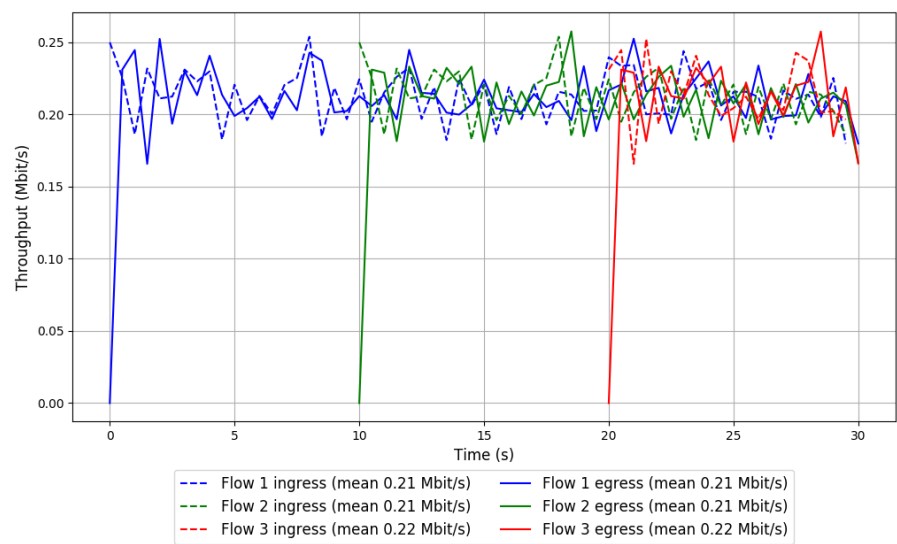


```
Run 2: Statistics of SReAM

Start at: 2018-08-10 01:54:46
End at: 2018-08-10 01:55:16
Local clock offset: -0.281 ms
Remote clock offset: -1.315 ms

# Below is generated by plot.py at 2018-08-10 05:36:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.844 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.840 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.848 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.843 ms
Loss rate: 0.71%
```

Run 2: Report of SReAM — Data Link

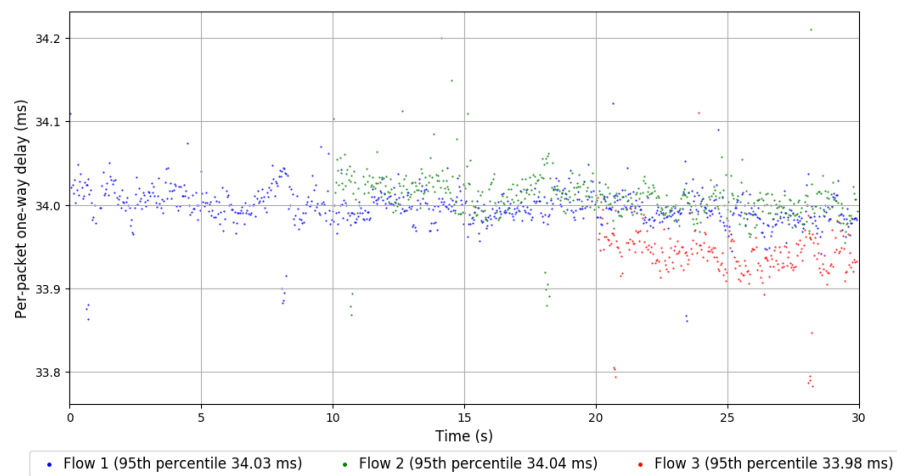
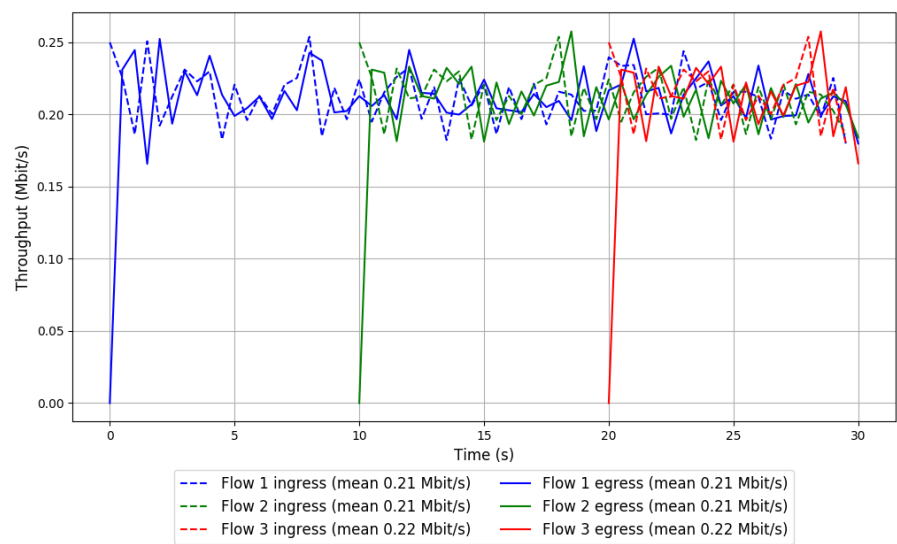


Run 3: Statistics of SReAM

Start at: 2018-08-10 02:17:39
End at: 2018-08-10 02:18:09
Local clock offset: -0.379 ms
Remote clock offset: -2.902 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.035 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.031 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.043 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.978 ms
Loss rate: 0.71%

Run 3: Report of SReAM — Data Link

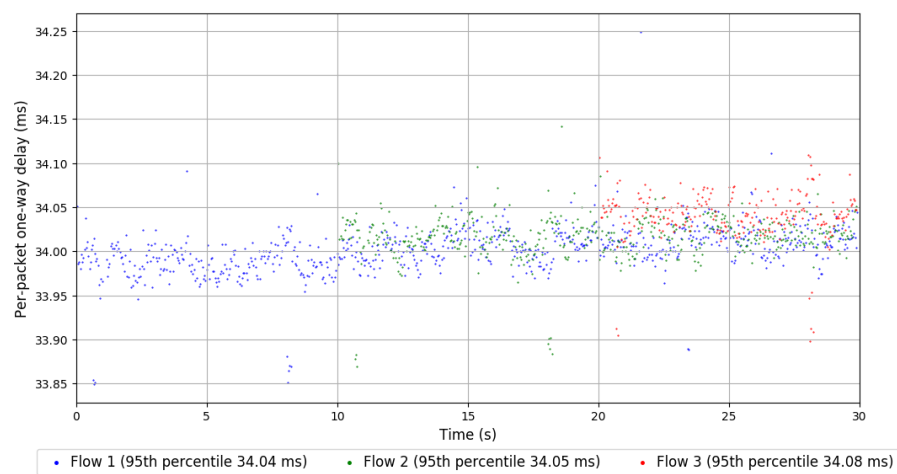
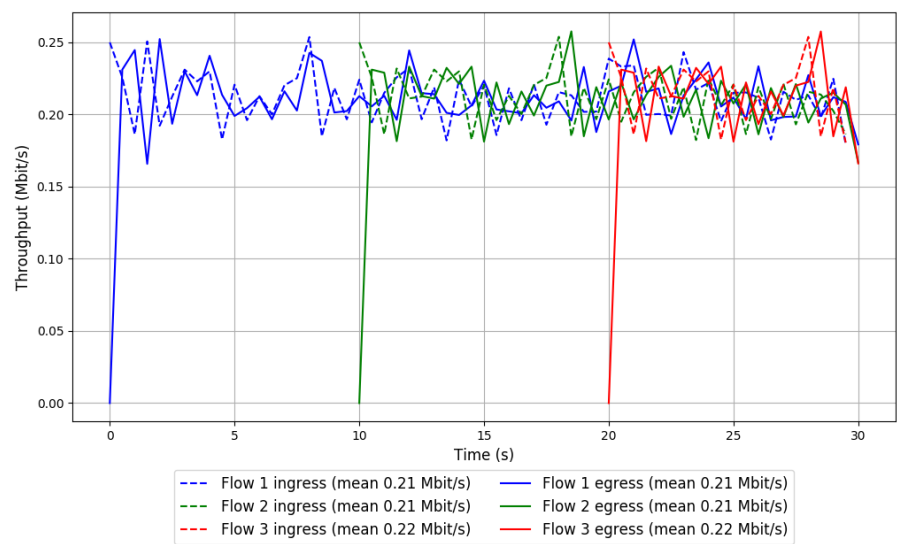


Run 4: Statistics of SReAM

Start at: 2018-08-10 02:40:42
End at: 2018-08-10 02:41:12
Local clock offset: -0.163 ms
Remote clock offset: -2.513 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.056 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.036 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.046 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.078 ms
Loss rate: 0.71%

Run 4: Report of SReAM — Data Link

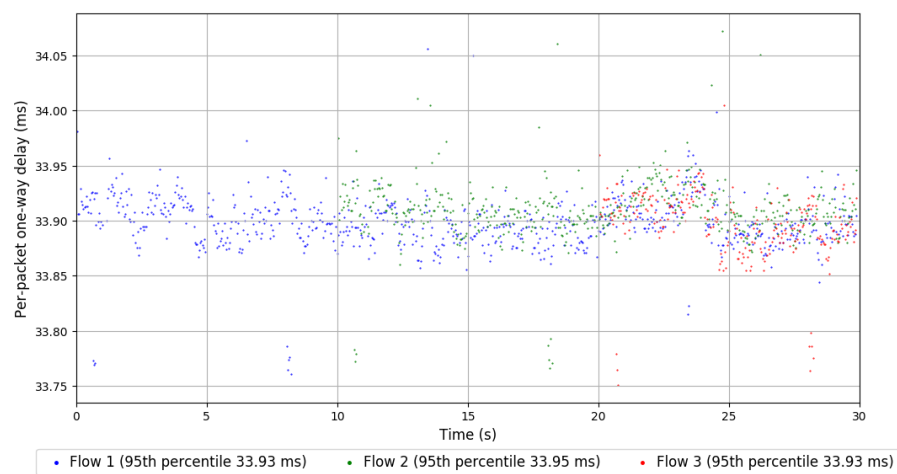
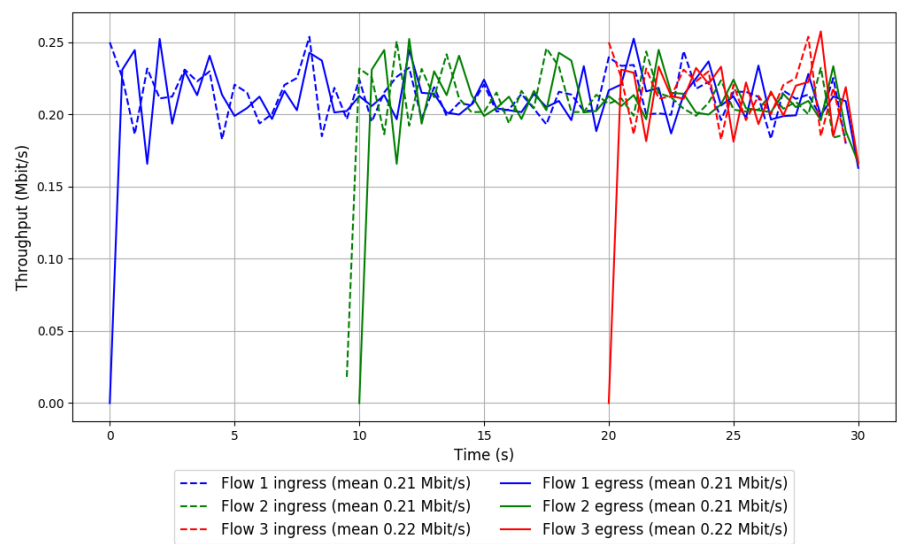


Run 5: Statistics of SReAM

Start at: 2018-08-10 03:03:40
End at: 2018-08-10 03:04:10
Local clock offset: -0.232 ms
Remote clock offset: -0.991 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.938 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.934 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.946 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.933 ms
Loss rate: 0.71%

Run 5: Report of SReAM — Data Link

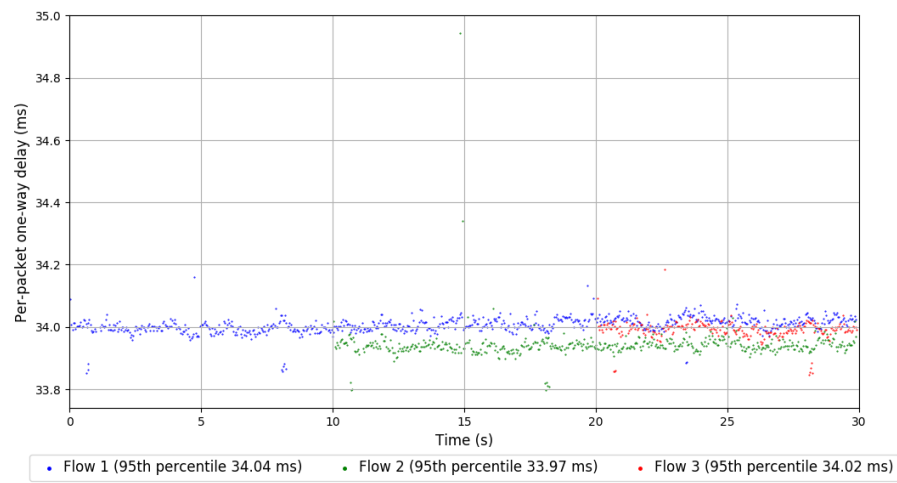
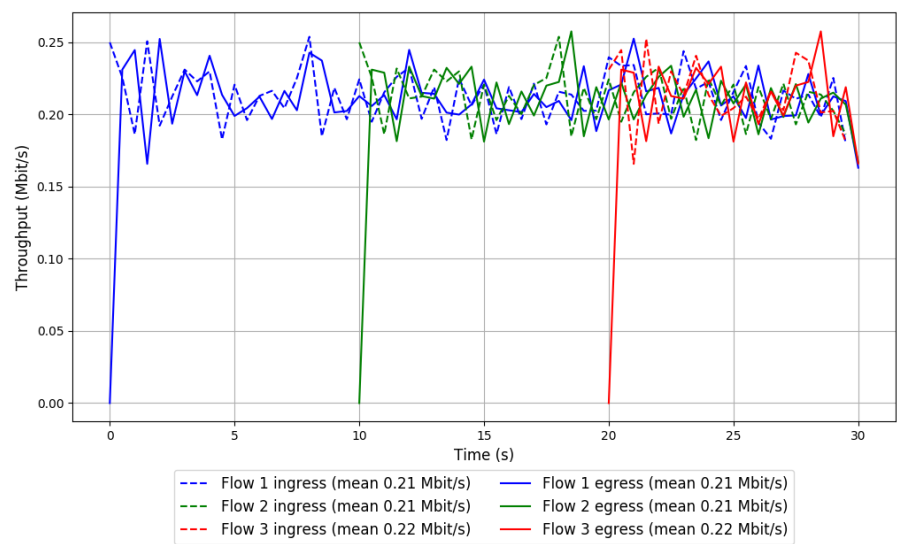


Run 6: Statistics of SReAM

Start at: 2018-08-10 03:27:01
End at: 2018-08-10 03:27:31
Local clock offset: -0.357 ms
Remote clock offset: -0.426 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.036 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.041 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.971 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.019 ms
Loss rate: 0.35%

Run 6: Report of SReAM — Data Link

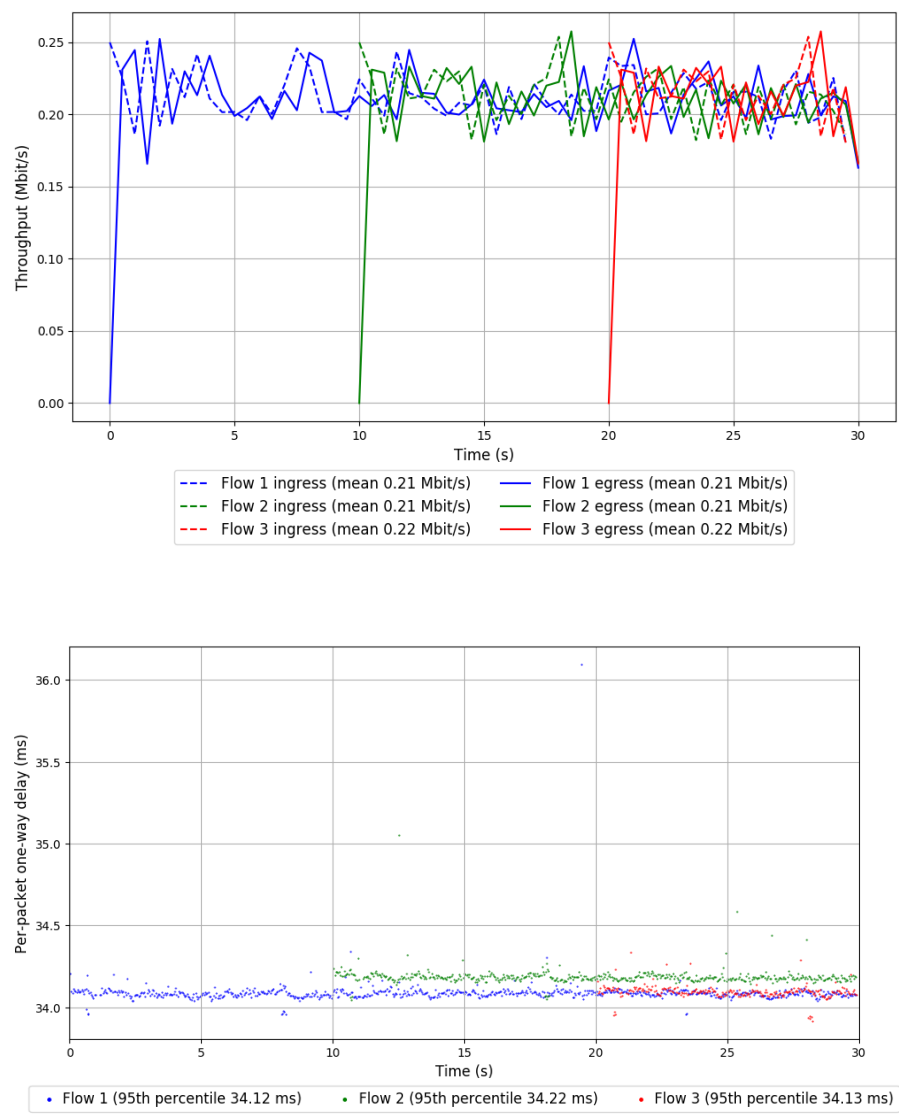


Run 7: Statistics of SReAM

Start at: 2018-08-10 03:50:33
End at: 2018-08-10 03:51:03
Local clock offset: -0.297 ms
Remote clock offset: -1.361 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.206 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.118 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.219 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.134 ms
Loss rate: 0.71%

Run 7: Report of SReAM — Data Link

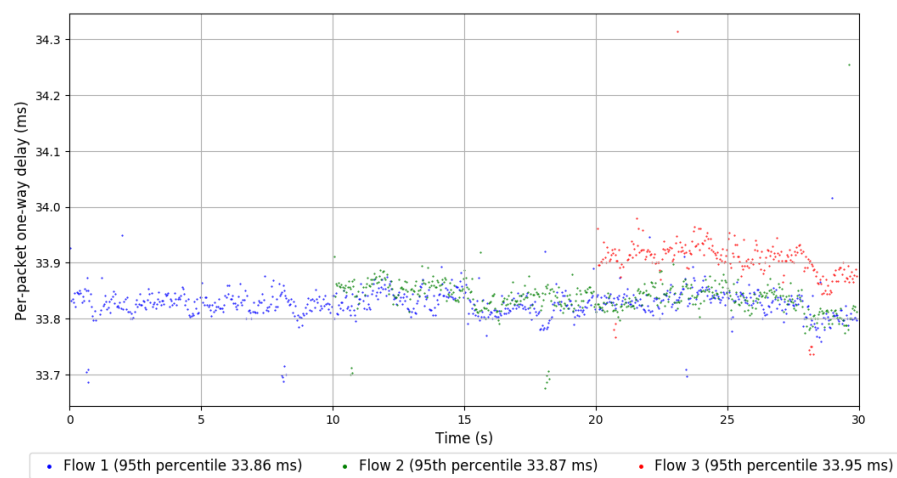
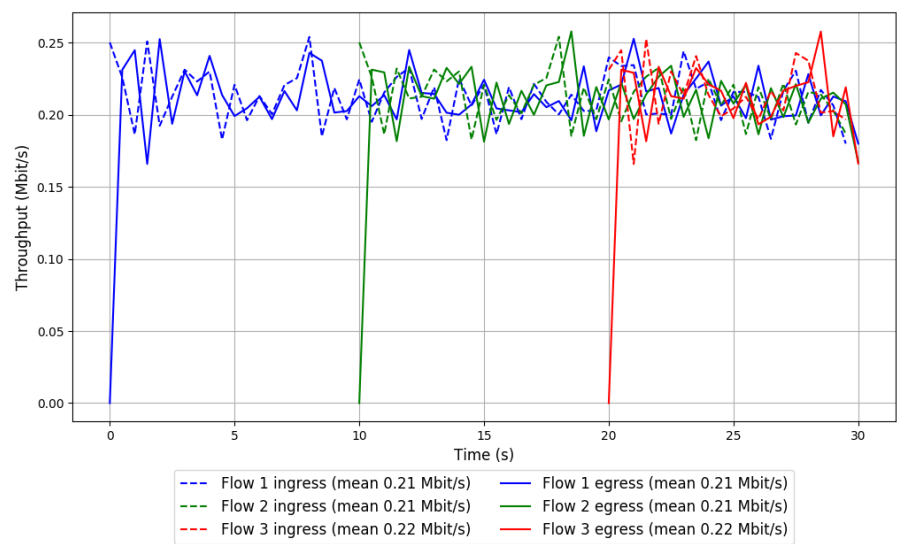


Run 8: Statistics of SCReAM

Start at: 2018-08-10 04:13:53
End at: 2018-08-10 04:14:23
Local clock offset: -0.276 ms
Remote clock offset: -1.314 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.922 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.862 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.872 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.947 ms
Loss rate: 0.71%

Run 8: Report of SReAM — Data Link

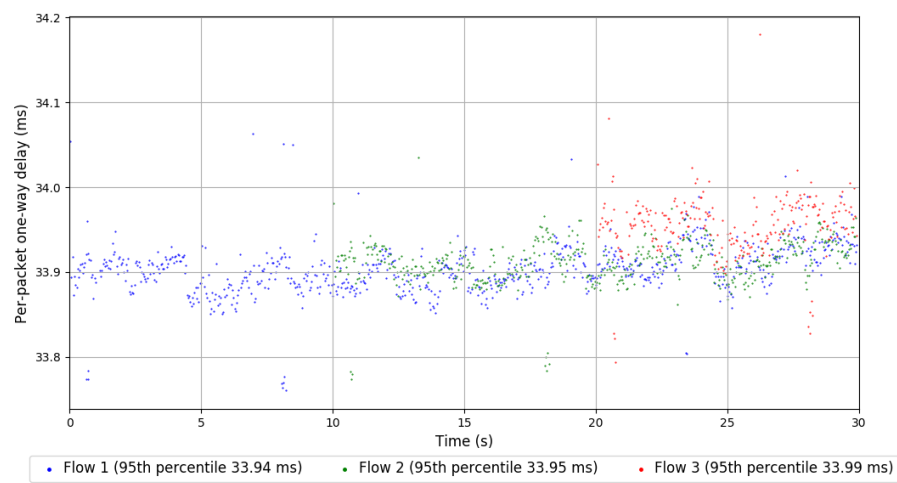
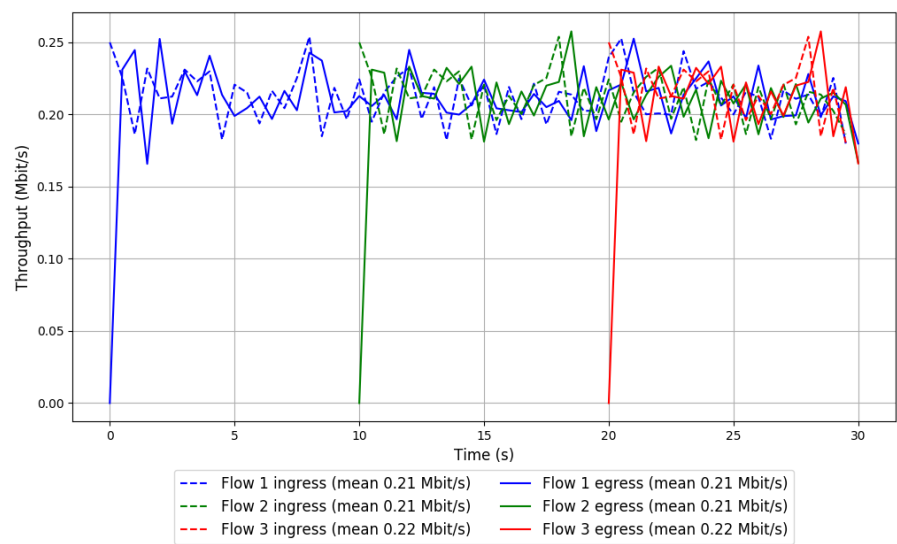


Run 9: Statistics of SReAM

Start at: 2018-08-10 04:37:17
End at: 2018-08-10 04:37:47
Local clock offset: -0.219 ms
Remote clock offset: -1.713 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 33.975 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.944 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.948 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.995 ms
Loss rate: 0.71%

Run 9: Report of SReAM — Data Link

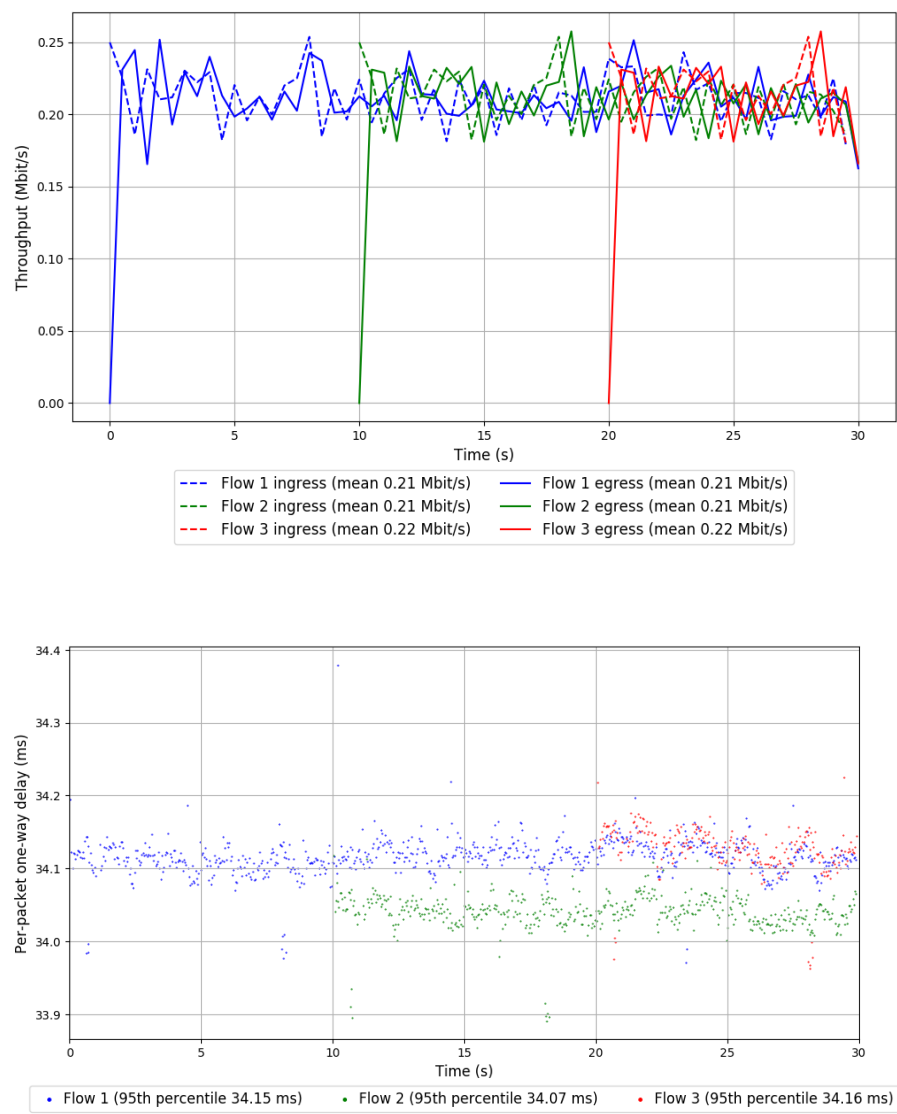


Run 10: Statistics of SReAM

Start at: 2018-08-10 05:00:34
End at: 2018-08-10 05:01:04
Local clock offset: -0.372 ms
Remote clock offset: -1.659 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.151 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.148 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 34.070 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.163 ms
Loss rate: 0.71%

Run 10: Report of SReAM — Data Link

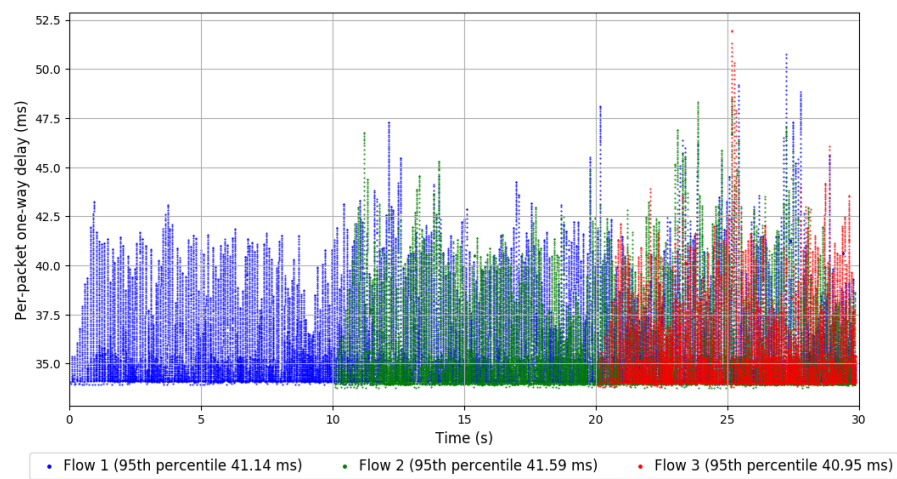
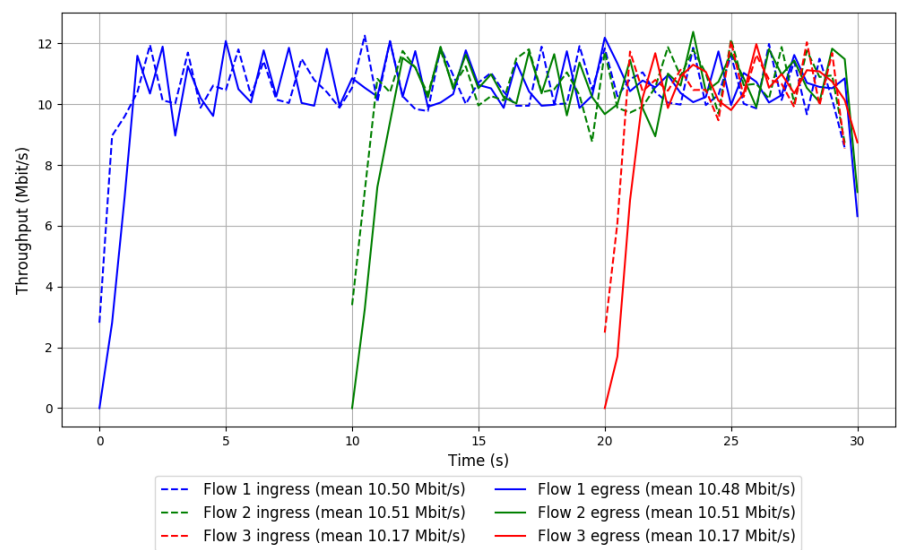


Run 1: Statistics of Sprout

Start at: 2018-08-10 01:38:14
End at: 2018-08-10 01:38:44
Local clock offset: -0.024 ms
Remote clock offset: -1.115 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.80 Mbit/s
95th percentile per-packet one-way delay: 41.250 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 41.141 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 41.588 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 10.17 Mbit/s
95th percentile per-packet one-way delay: 40.955 ms
Loss rate: 0.76%

Run 1: Report of Sprout — Data Link

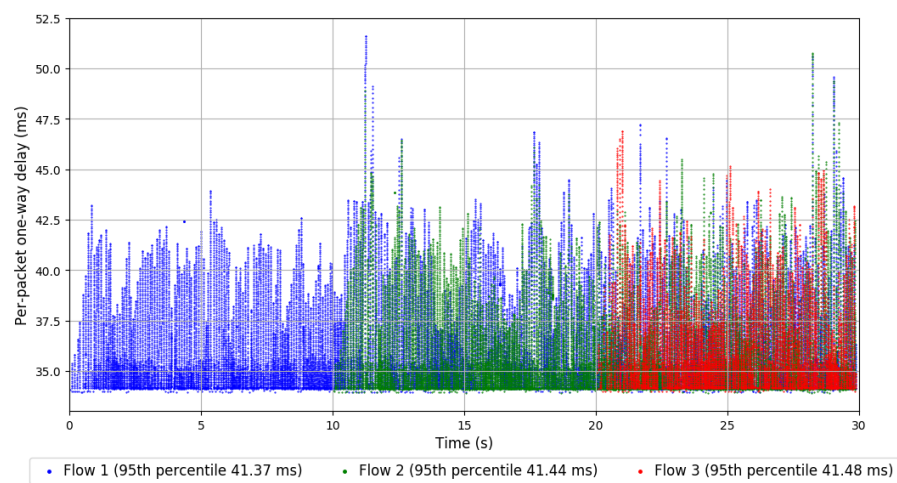
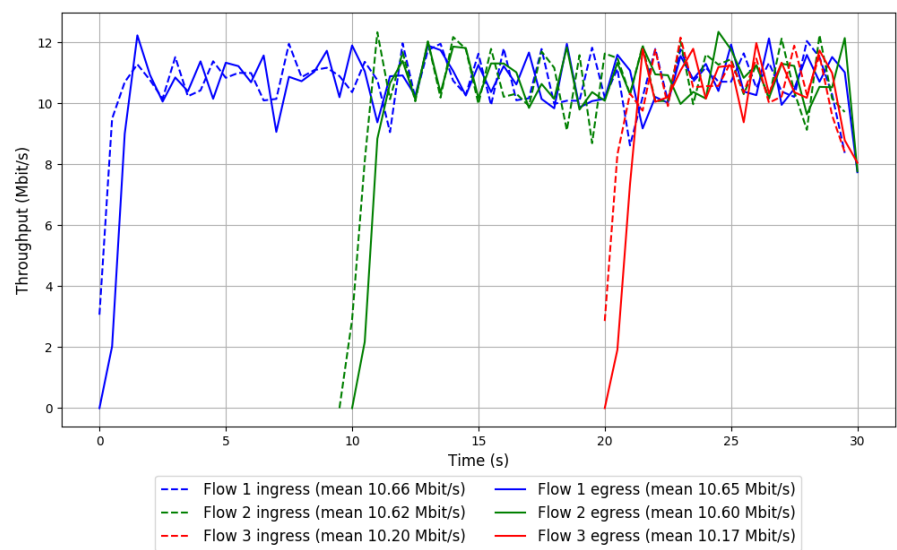


Run 2: Statistics of Sprout

Start at: 2018-08-10 02:01:31
End at: 2018-08-10 02:02:01
Local clock offset: -0.358 ms
Remote clock offset: -2.118 ms

Below is generated by plot.py at 2018-08-10 05:36:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.05 Mbit/s
95th percentile per-packet one-way delay: 41.406 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 41.372 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 10.60 Mbit/s
95th percentile per-packet one-way delay: 41.437 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 10.17 Mbit/s
95th percentile per-packet one-way delay: 41.477 ms
Loss rate: 1.02%

Run 2: Report of Sprout — Data Link

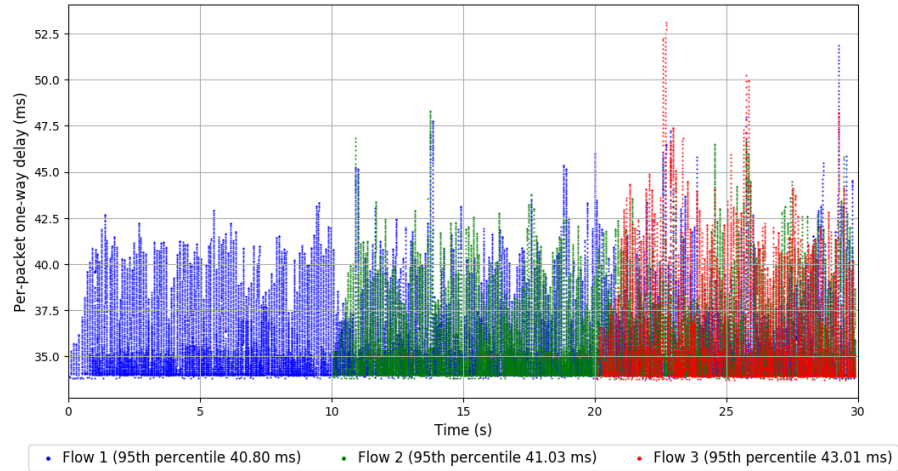
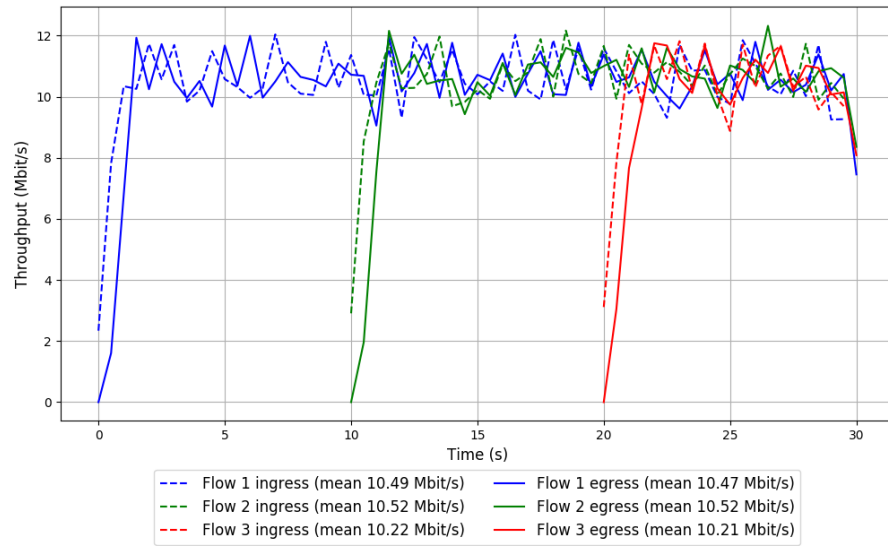


Run 3: Statistics of Sprout

Start at: 2018-08-10 02:24:28
End at: 2018-08-10 02:24:58
Local clock offset: -0.232 ms
Remote clock offset: -3.107 ms

```
# Below is generated by plot.py at 2018-08-10 05:36:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.83 Mbit/s
95th percentile per-packet one-way delay: 41.258 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 10.47 Mbit/s
95th percentile per-packet one-way delay: 40.803 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 41.029 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 10.21 Mbit/s
95th percentile per-packet one-way delay: 43.007 ms
Loss rate: 0.79%
```


Run 3: Report of Sprout — Data Link

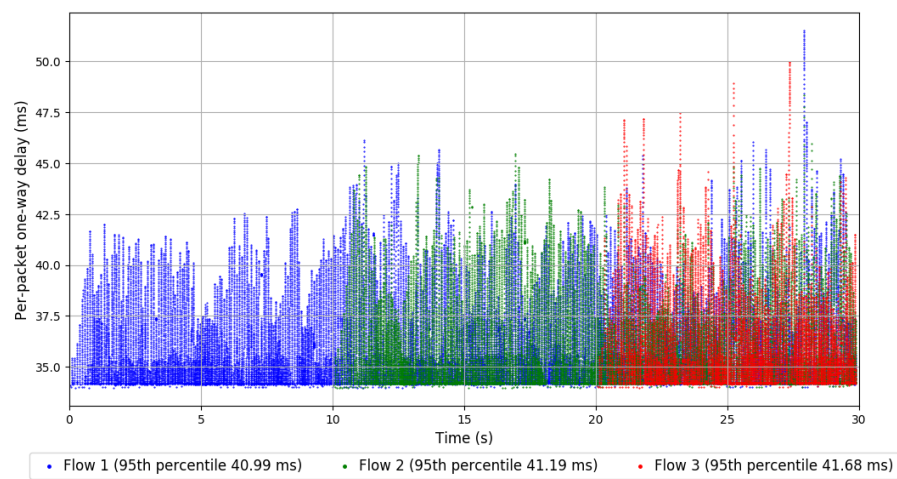
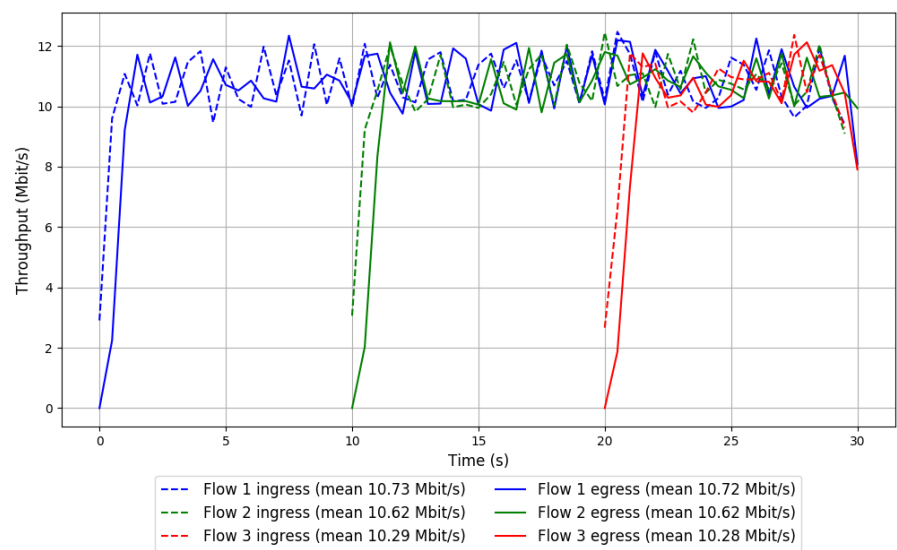


Run 4: Statistics of Sprout

Start at: 2018-08-10 02:47:30
End at: 2018-08-10 02:48:01
Local clock offset: -0.272 ms
Remote clock offset: -2.265 ms

```
# Below is generated by plot.py at 2018-08-10 05:36:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.16 Mbit/s
95th percentile per-packet one-way delay: 41.154 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 10.72 Mbit/s
95th percentile per-packet one-way delay: 40.986 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 10.62 Mbit/s
95th percentile per-packet one-way delay: 41.186 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 10.28 Mbit/s
95th percentile per-packet one-way delay: 41.679 ms
Loss rate: 0.85%
```

Run 4: Report of Sprout — Data Link

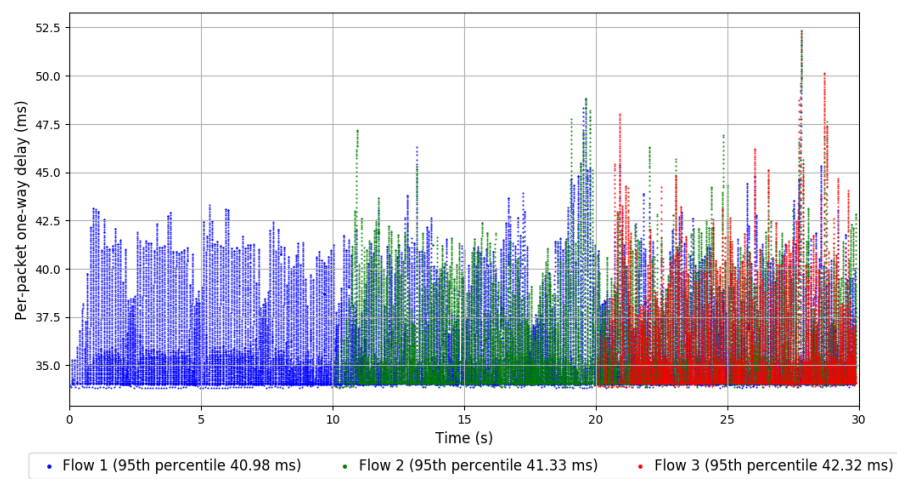
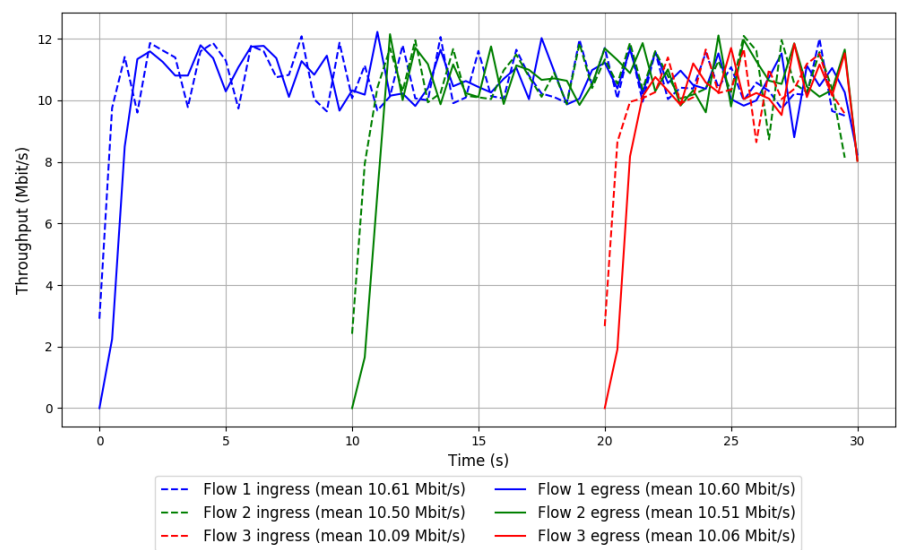


Run 5: Statistics of Sprout

Start at: 2018-08-10 03:10:36
End at: 2018-08-10 03:11:06
Local clock offset: -0.22 ms
Remote clock offset: -1.089 ms

Below is generated by plot.py at 2018-08-10 05:36:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.89 Mbit/s
95th percentile per-packet one-way delay: 41.232 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 10.60 Mbit/s
95th percentile per-packet one-way delay: 40.977 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 41.329 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 42.321 ms
Loss rate: 0.92%

Run 5: Report of Sprout — Data Link

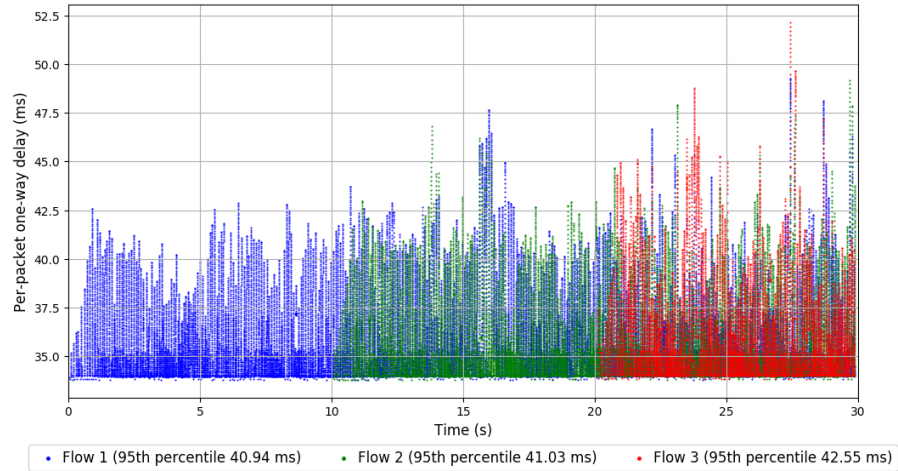
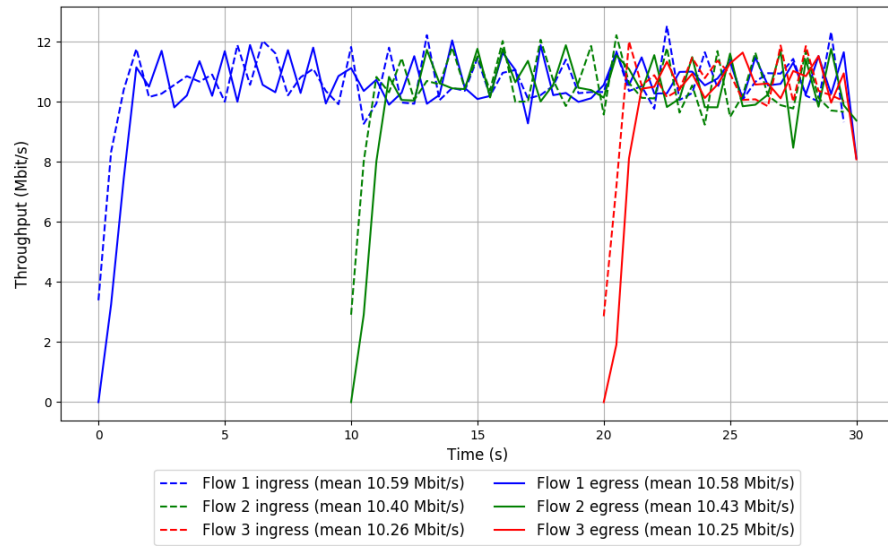


Run 6: Statistics of Sprout

Start at: 2018-08-10 03:33:51
End at: 2018-08-10 03:34:21
Local clock offset: -0.447 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-08-10 05:36:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.87 Mbit/s
95th percentile per-packet one-way delay: 41.174 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 10.58 Mbit/s
95th percentile per-packet one-way delay: 40.937 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 10.43 Mbit/s
95th percentile per-packet one-way delay: 41.029 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 10.25 Mbit/s
95th percentile per-packet one-way delay: 42.550 ms
Loss rate: 0.96%

Run 6: Report of Sprout — Data Link

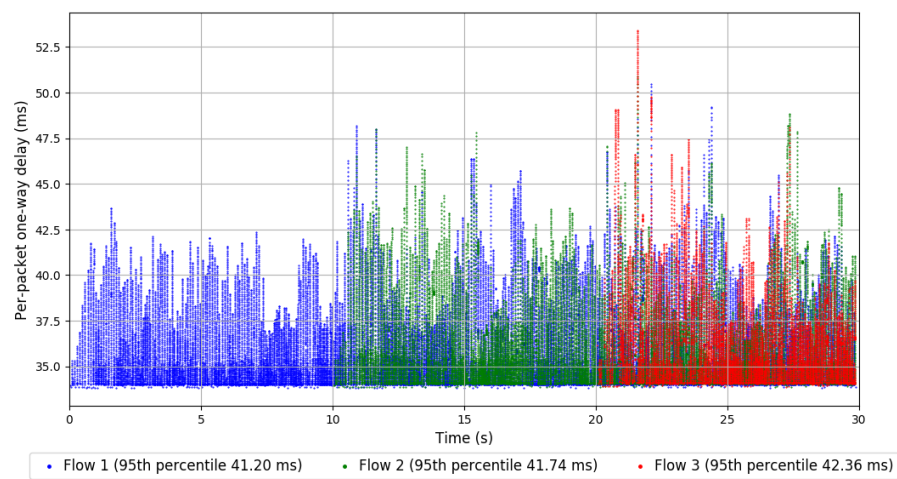
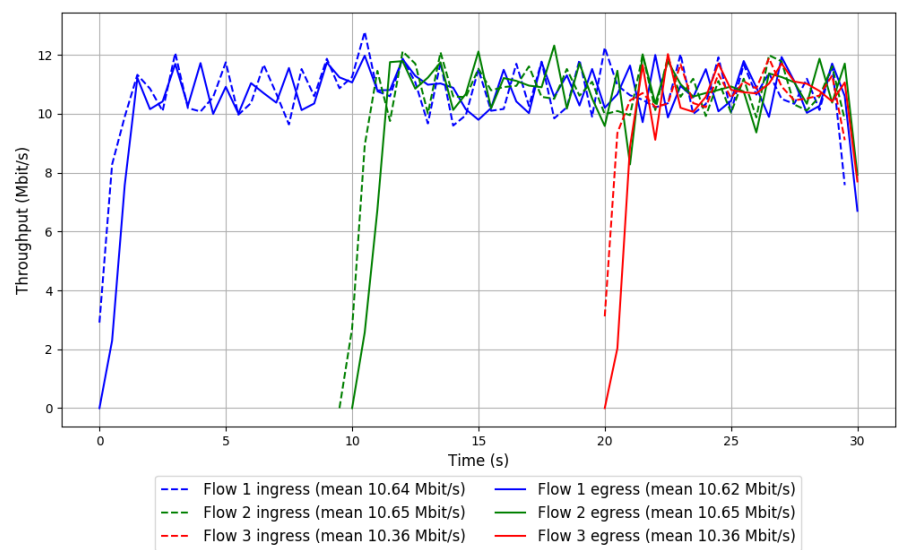


Run 7: Statistics of Sprout

Start at: 2018-08-10 03:57:28
End at: 2018-08-10 03:57:58
Local clock offset: -0.212 ms
Remote clock offset: -1.128 ms

Below is generated by plot.py at 2018-08-10 05:36:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.10 Mbit/s
95th percentile per-packet one-way delay: 41.525 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 10.62 Mbit/s
95th percentile per-packet one-way delay: 41.195 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 10.65 Mbit/s
95th percentile per-packet one-way delay: 41.742 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 10.36 Mbit/s
95th percentile per-packet one-way delay: 42.363 ms
Loss rate: 0.90%

Run 7: Report of Sprout — Data Link

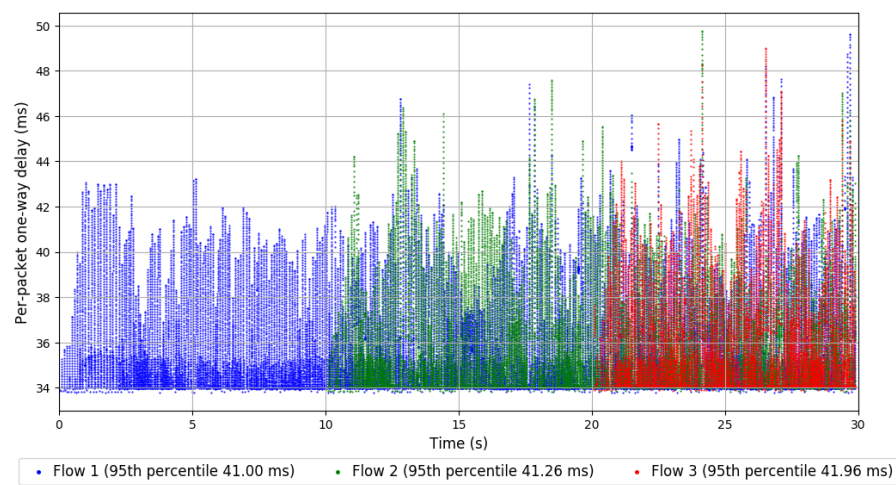
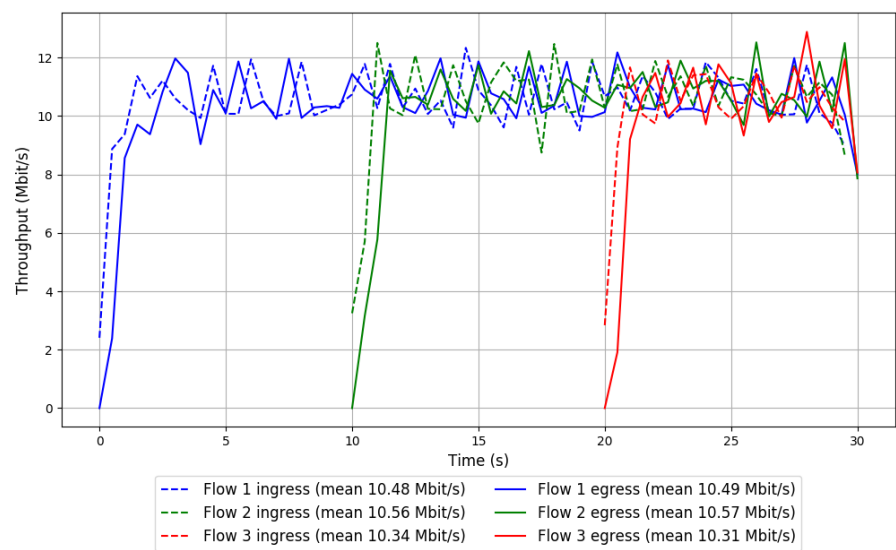


Run 8: Statistics of Sprout

Start at: 2018-08-10 04:20:48
End at: 2018-08-10 04:21:18
Local clock offset: -0.199 ms
Remote clock offset: -1.688 ms

Below is generated by plot.py at 2018-08-10 05:36:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.90 Mbit/s
95th percentile per-packet one-way delay: 41.236 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 41.001 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 10.57 Mbit/s
95th percentile per-packet one-way delay: 41.261 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: 41.958 ms
Loss rate: 0.98%

Run 8: Report of Sprout — Data Link

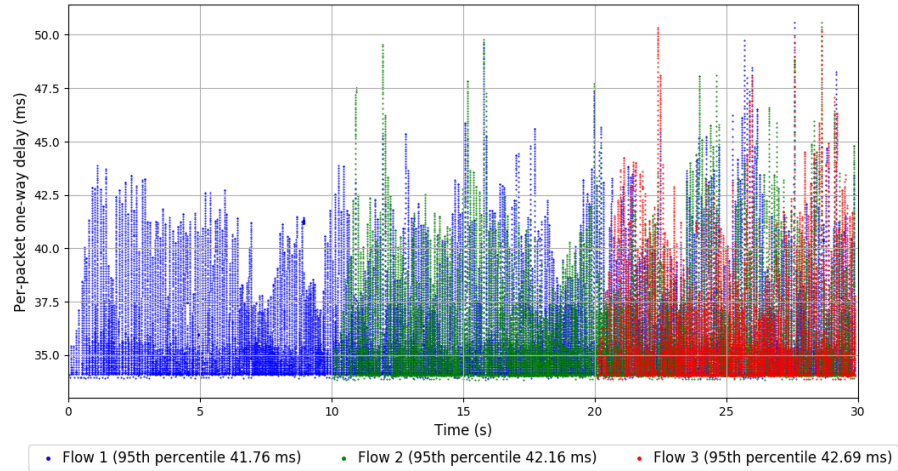
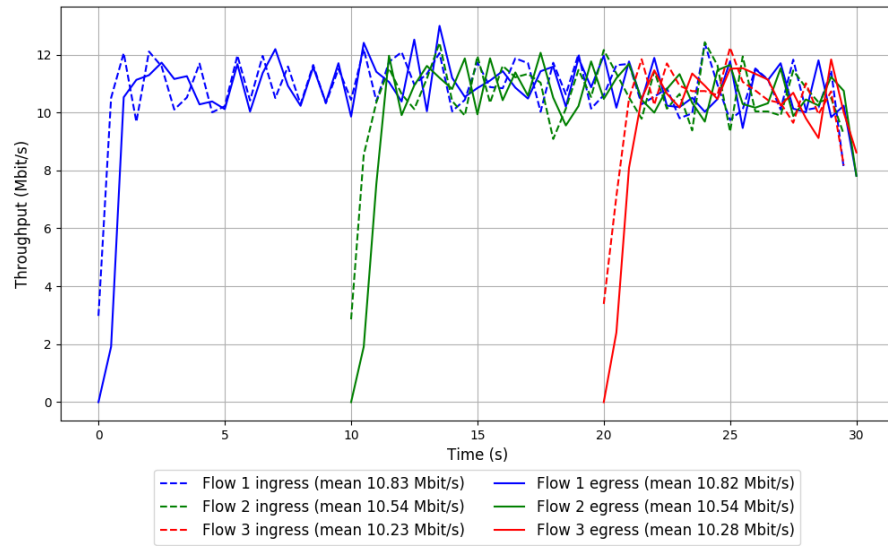


Run 9: Statistics of Sprout

Start at: 2018-08-10 04:44:09
End at: 2018-08-10 04:44:39
Local clock offset: -0.226 ms
Remote clock offset: -1.711 ms

Below is generated by plot.py at 2018-08-10 05:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.20 Mbit/s
95th percentile per-packet one-way delay: 42.005 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 41.761 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 10.54 Mbit/s
95th percentile per-packet one-way delay: 42.164 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 10.28 Mbit/s
95th percentile per-packet one-way delay: 42.689 ms
Loss rate: 0.15%

Run 9: Report of Sprout — Data Link

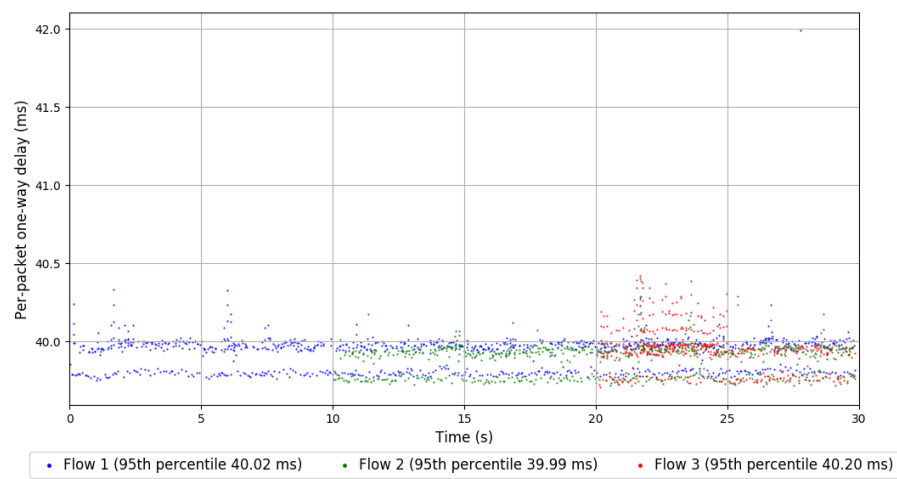
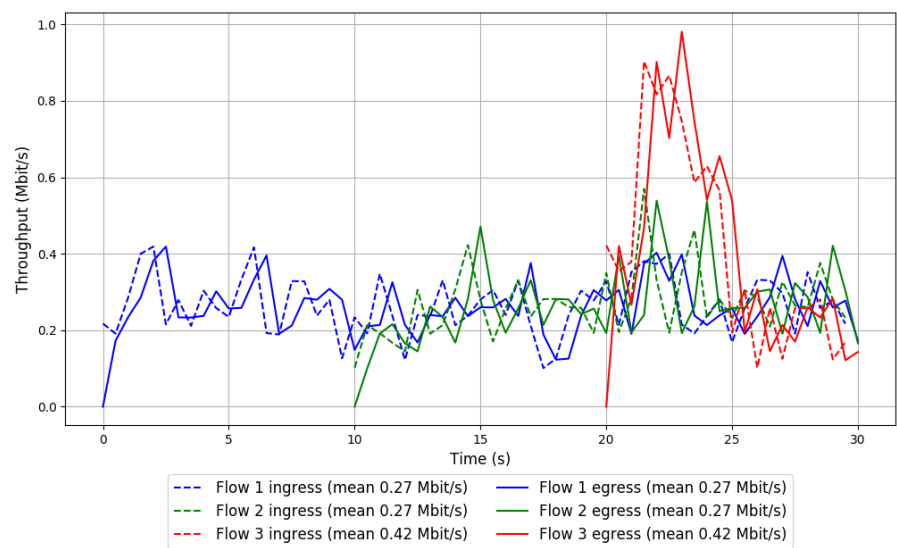


Run 10: Statistics of Sprout

Start at: 2018-08-10 05:07:50
End at: 2018-08-10 05:08:20
Local clock offset: -0.3 ms
Remote clock offset: -0.277 ms

Below is generated by plot.py at 2018-08-10 05:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 40.081 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 40.022 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 39.990 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 40.196 ms
Loss rate: 0.59%

Run 10: Report of Sprout — Data Link

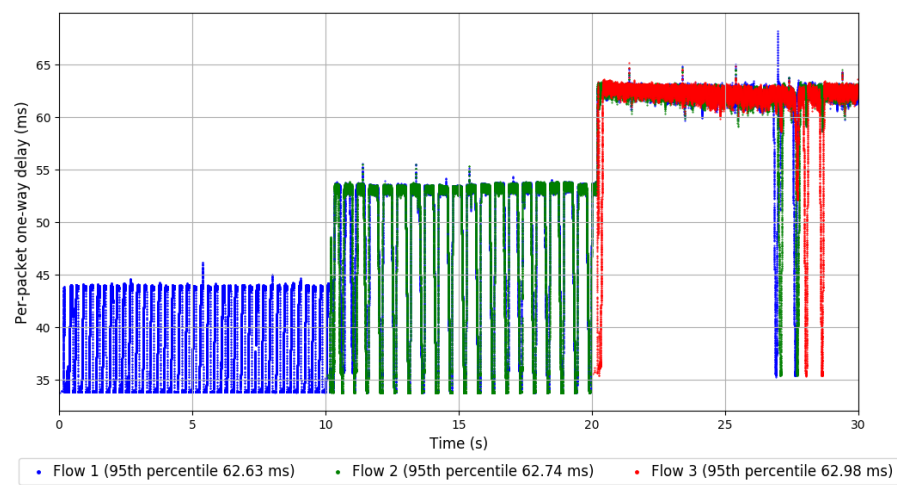
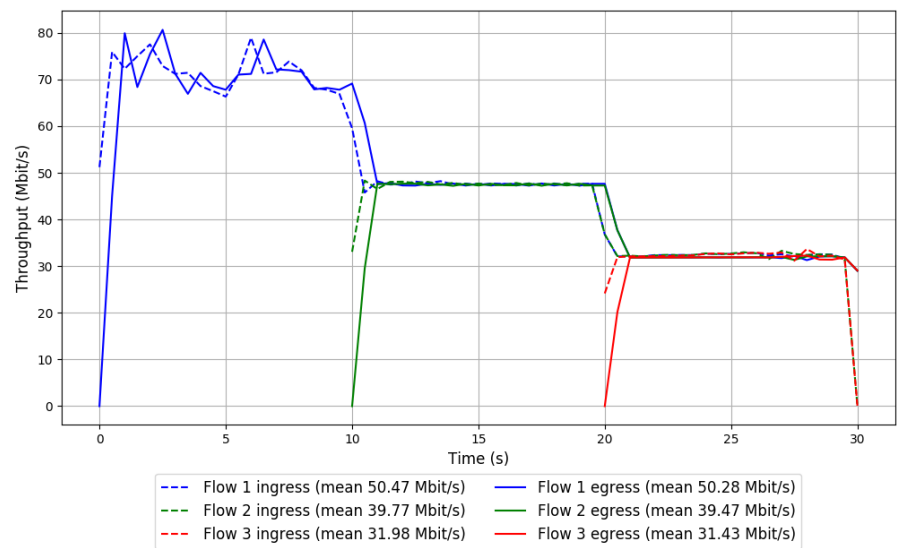


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-10 01:21:38
End at: 2018-08-10 01:22:08
Local clock offset: 0.139 ms
Remote clock offset: -0.995 ms

# Below is generated by plot.py at 2018-08-10 05:37:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.95 Mbit/s
95th percentile per-packet one-way delay: 62.759 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 62.628 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 39.47 Mbit/s
95th percentile per-packet one-way delay: 62.736 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 62.978 ms
Loss rate: 2.52%
```


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

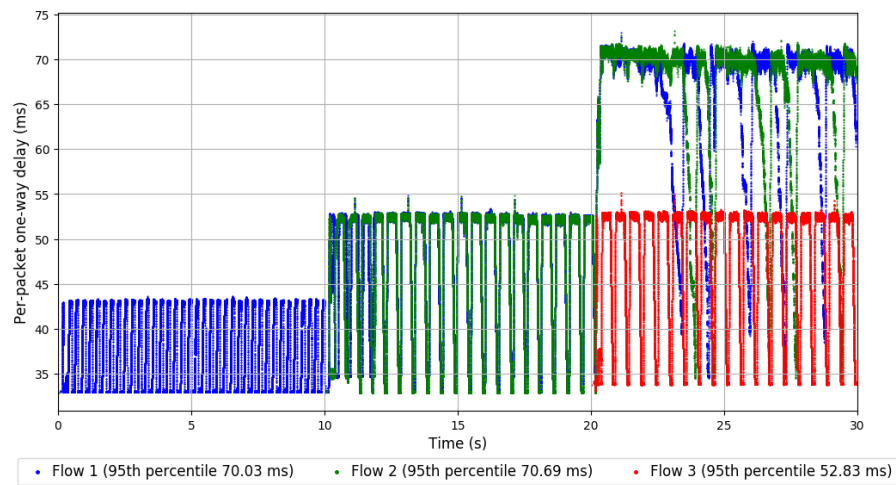
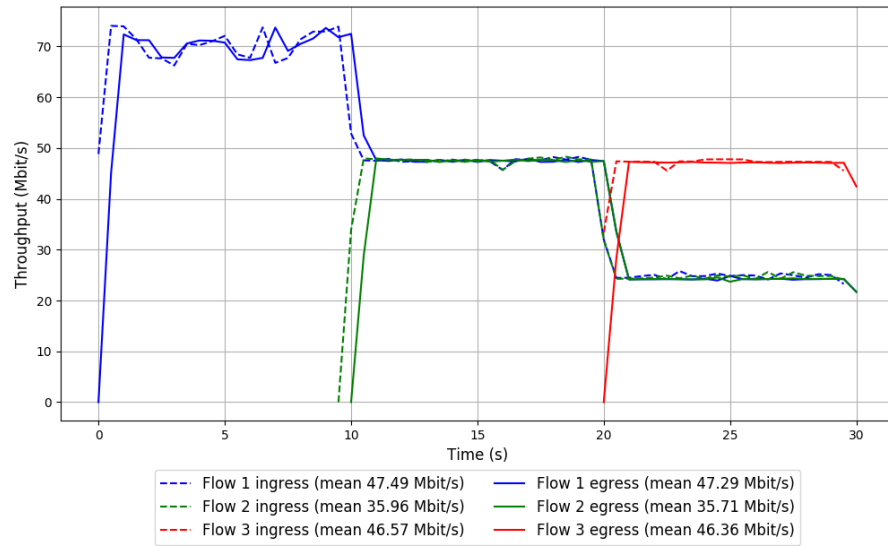


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-10 01:45:05
End at: 2018-08-10 01:45:35
Local clock offset: -0.02 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-08-10 05:37:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 70.226 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 47.29 Mbit/s
95th percentile per-packet one-way delay: 70.029 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 70.686 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 46.36 Mbit/s
95th percentile per-packet one-way delay: 52.825 ms
Loss rate: 1.19%

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

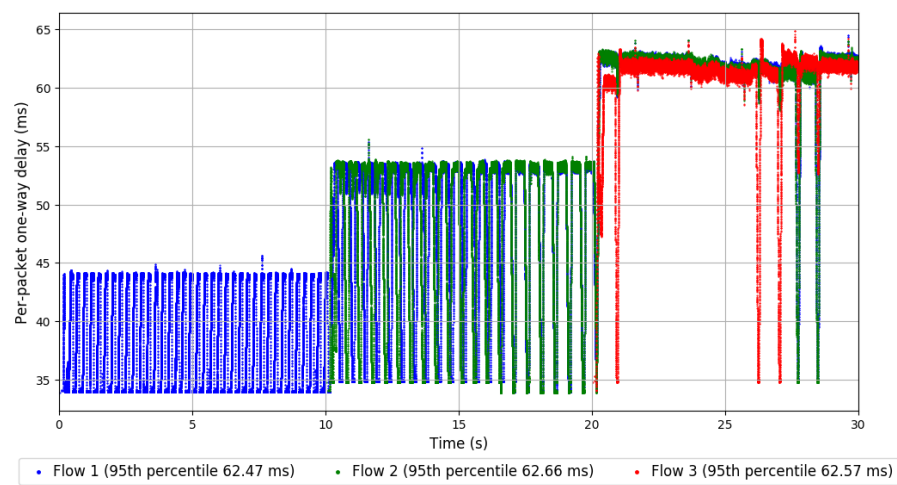
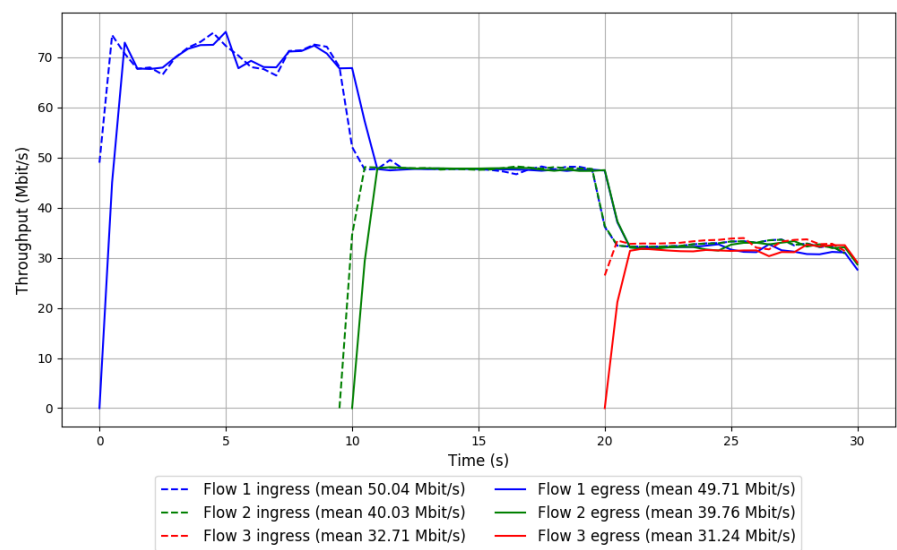


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-10 02:08:12
End at: 2018-08-10 02:08:42
Local clock offset: -0.315 ms
Remote clock offset: -2.269 ms

Below is generated by plot.py at 2018-08-10 05:37:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 62.562 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 49.71 Mbit/s
95th percentile per-packet one-way delay: 62.474 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 39.76 Mbit/s
95th percentile per-packet one-way delay: 62.657 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 31.24 Mbit/s
95th percentile per-packet one-way delay: 62.574 ms
Loss rate: 5.28%

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

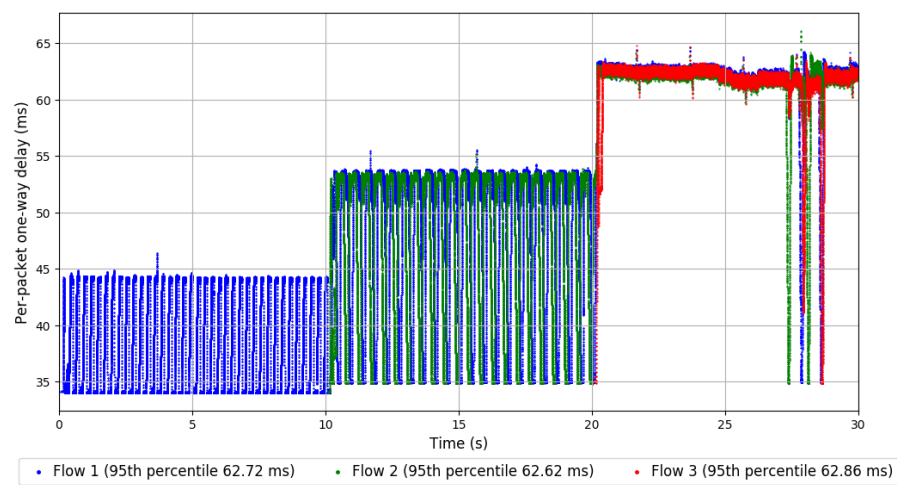
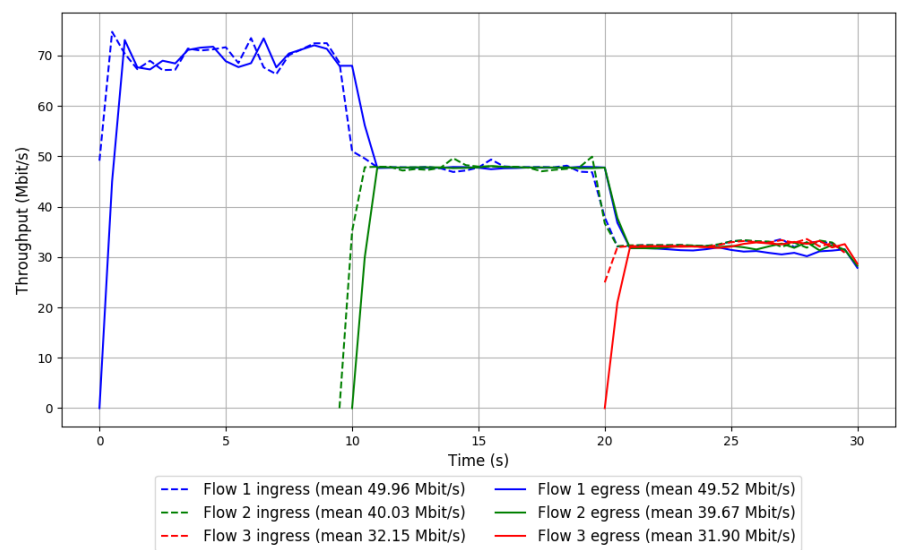


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-10 02:31:12
End at: 2018-08-10 02:31:42
Local clock offset: -0.208 ms
Remote clock offset: -3.052 ms

Below is generated by plot.py at 2018-08-10 05:37:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 62.738 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 49.52 Mbit/s
95th percentile per-packet one-way delay: 62.723 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 39.67 Mbit/s
95th percentile per-packet one-way delay: 62.623 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 62.864 ms
Loss rate: 1.56%

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

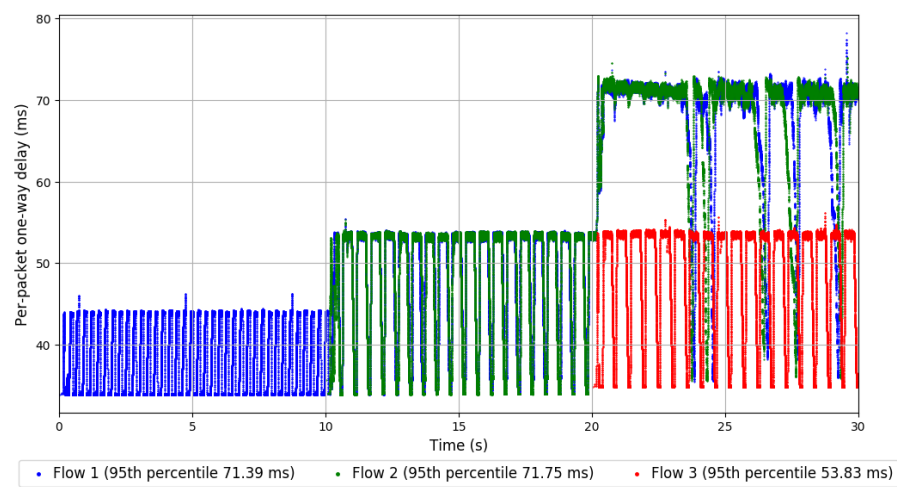
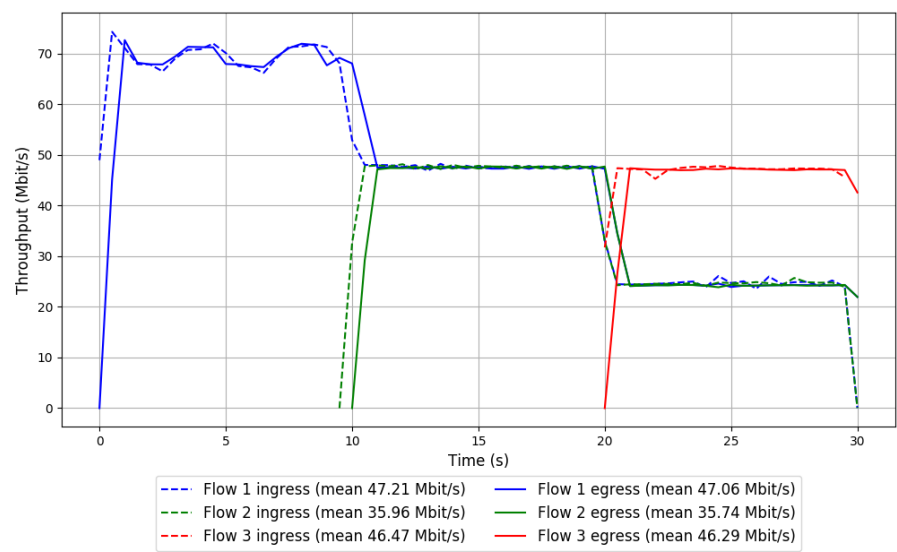


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-10 02:54:13
End at: 2018-08-10 02:54:43
Local clock offset: -0.238 ms
Remote clock offset: -1.531 ms

Below is generated by plot.py at 2018-08-10 05:38:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.18 Mbit/s
95th percentile per-packet one-way delay: 71.455 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 47.06 Mbit/s
95th percentile per-packet one-way delay: 71.391 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 35.74 Mbit/s
95th percentile per-packet one-way delay: 71.747 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 53.833 ms
Loss rate: 1.05%

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

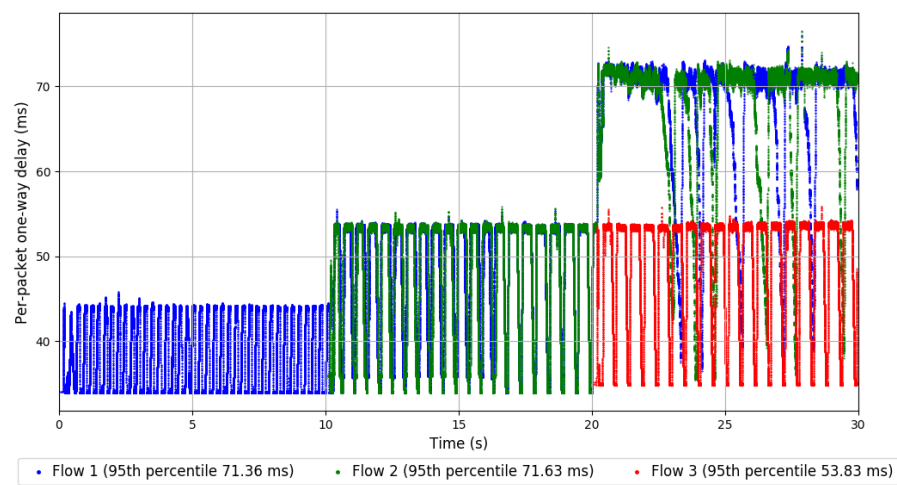
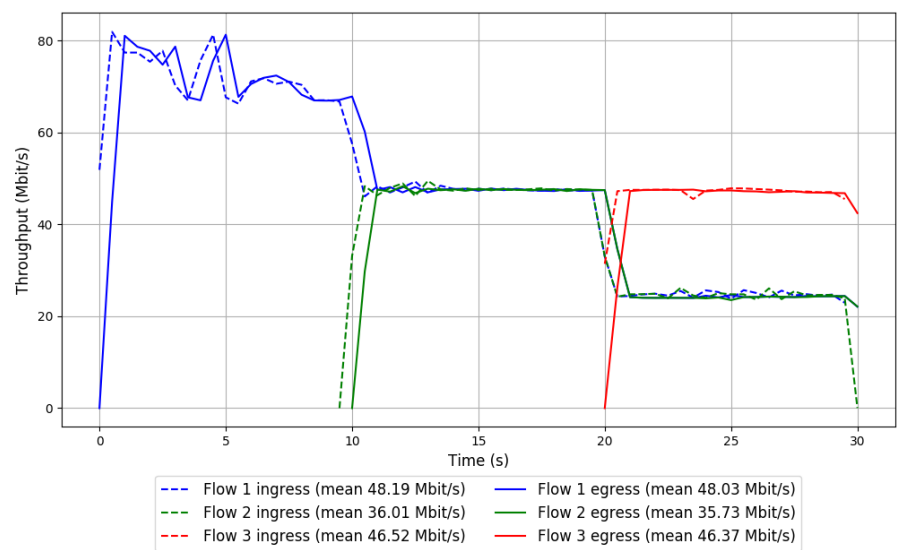


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-10 03:17:19
End at: 2018-08-10 03:17:49
Local clock offset: -0.259 ms
Remote clock offset: -0.889 ms

Below is generated by plot.py at 2018-08-10 05:38:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.17 Mbit/s
95th percentile per-packet one-way delay: 71.370 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 71.361 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 71.633 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 46.37 Mbit/s
95th percentile per-packet one-way delay: 53.830 ms
Loss rate: 1.08%

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

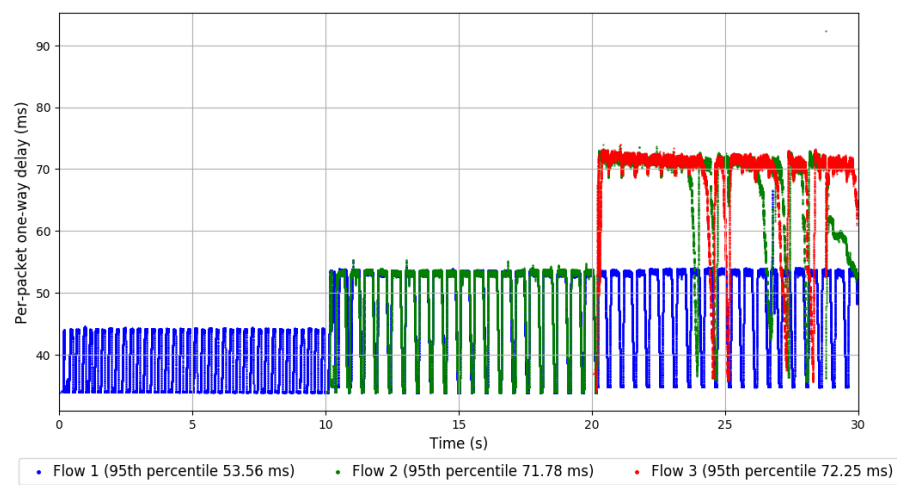
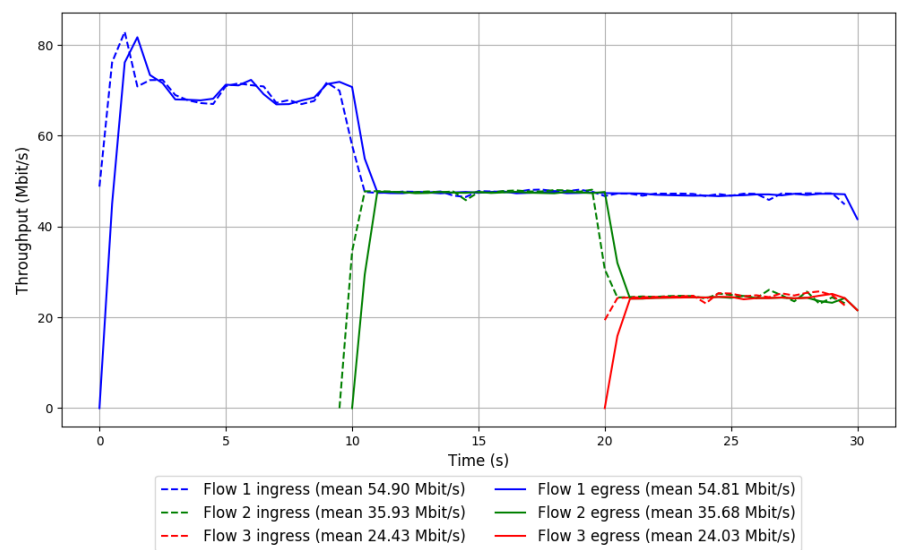


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-10 03:40:47
End at: 2018-08-10 03:41:17
Local clock offset: -0.398 ms
Remote clock offset: -0.824 ms

Below is generated by plot.py at 2018-08-10 05:38:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 71.544 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 54.81 Mbit/s
95th percentile per-packet one-way delay: 53.558 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 35.68 Mbit/s
95th percentile per-packet one-way delay: 71.779 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 72.255 ms
Loss rate: 2.31%

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

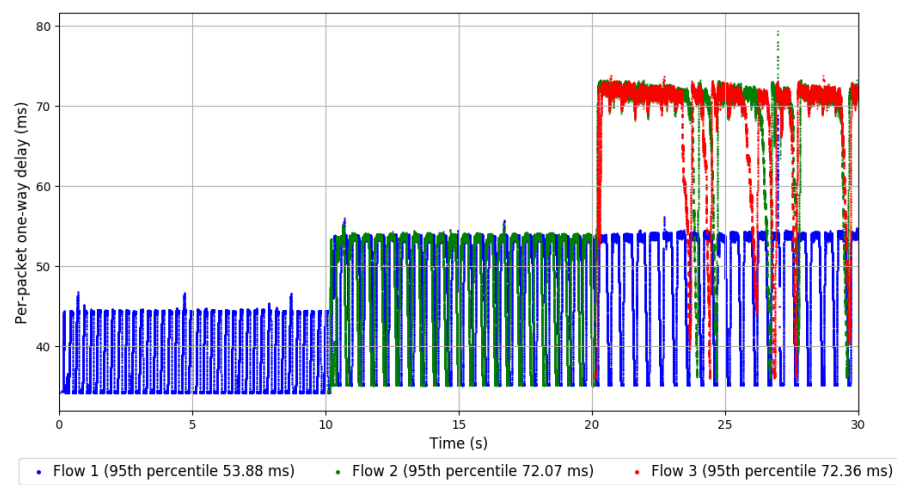
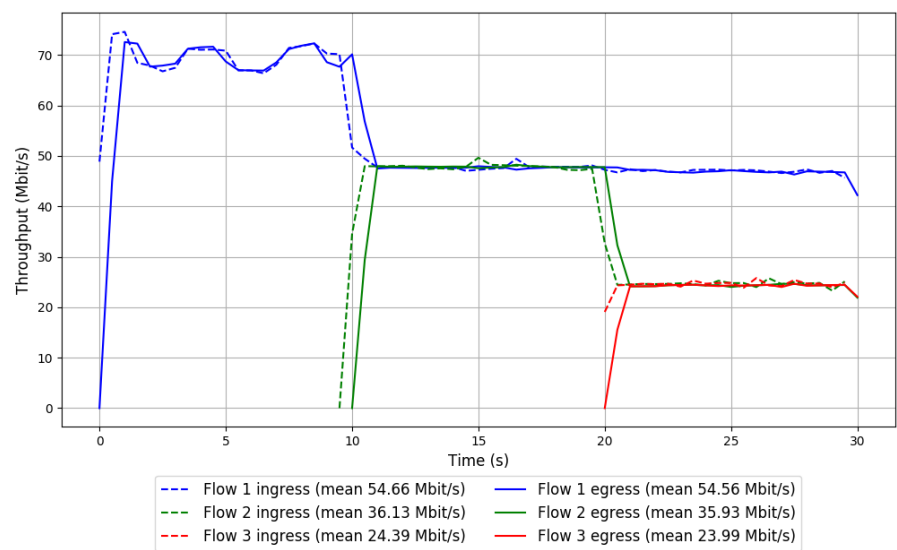


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-10 04:04:17
End at: 2018-08-10 04:04:47
Local clock offset: -0.198 ms
Remote clock offset: -1.228 ms

Below is generated by plot.py at 2018-08-10 05:38:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 71.754 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 53.875 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 35.93 Mbit/s
95th percentile per-packet one-way delay: 72.073 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 72.355 ms
Loss rate: 2.43%

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

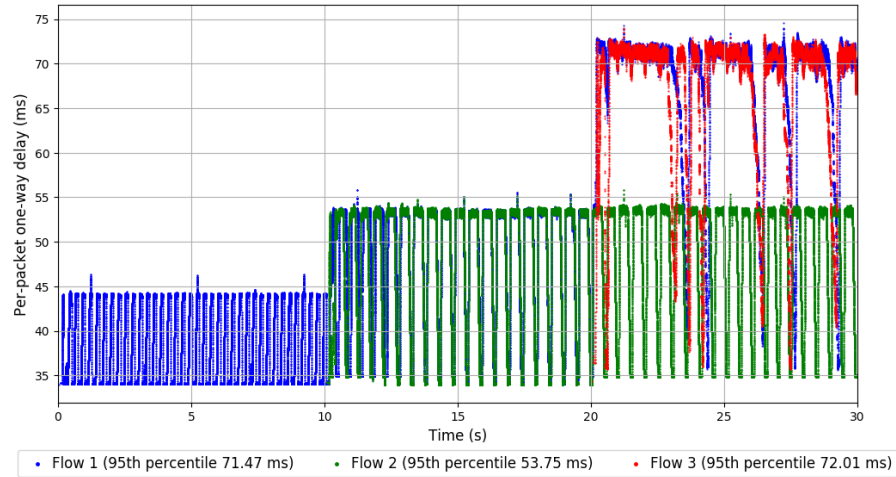
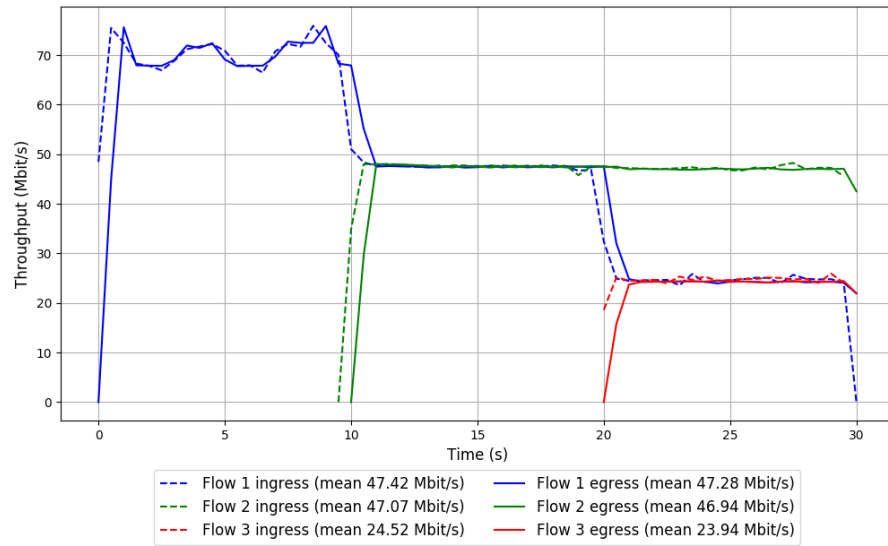


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-10 04:27:35
End at: 2018-08-10 04:28:05
Local clock offset: -0.19 ms
Remote clock offset: -1.806 ms

Below is generated by plot.py at 2018-08-10 05:39:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 71.461 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 71.473 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 46.94 Mbit/s
95th percentile per-packet one-way delay: 53.749 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 72.012 ms
Loss rate: 2.98%

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

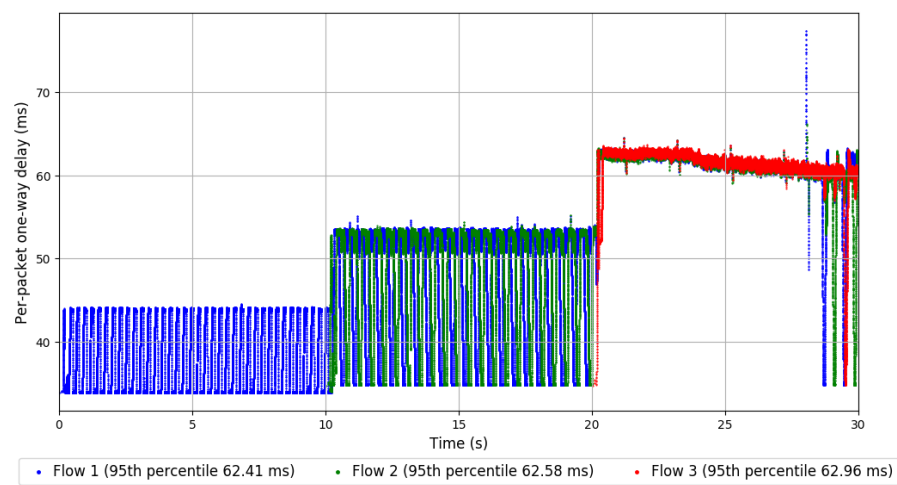
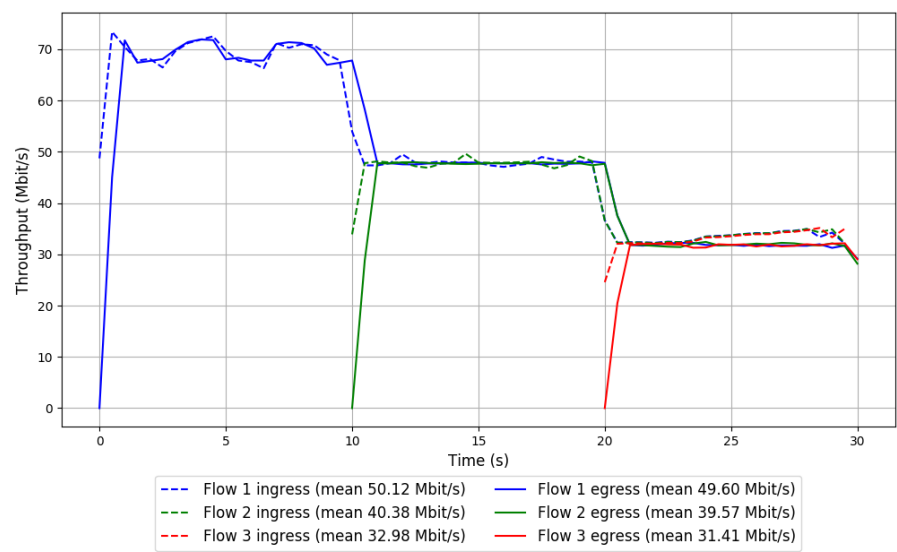


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-08-10 04:50:55
End at: 2018-08-10 04:51:25
Local clock offset: -0.246 ms
Remote clock offset: -1.606 ms

# Below is generated by plot.py at 2018-08-10 05:39:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.34 Mbit/s
95th percentile per-packet one-way delay: 62.639 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 49.60 Mbit/s
95th percentile per-packet one-way delay: 62.408 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 62.577 ms
Loss rate: 2.40%
-- Flow 3:
Average throughput: 31.41 Mbit/s
95th percentile per-packet one-way delay: 62.963 ms
Loss rate: 5.51%
```

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



Run 1: Statistics of TCP Vegas

Start at: 2018-08-10 01:27:14

End at: 2018-08-10 01:27:44

Local clock offset: 0.093 ms

Remote clock offset: -1.09 ms

Below is generated by plot.py at 2018-08-10 05:39:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.59 Mbit/s

95th percentile per-packet one-way delay: 39.432 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 41.28 Mbit/s

95th percentile per-packet one-way delay: 43.923 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 30.57 Mbit/s

95th percentile per-packet one-way delay: 38.438 ms

Loss rate: 0.26%

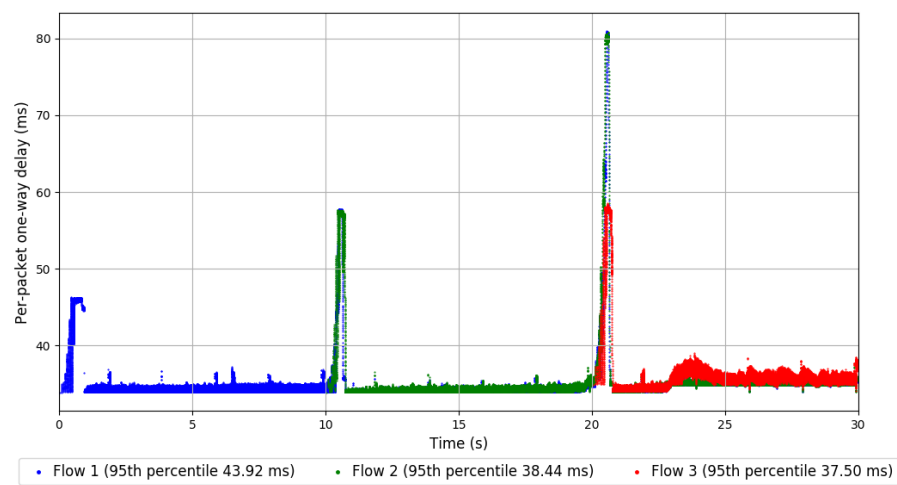
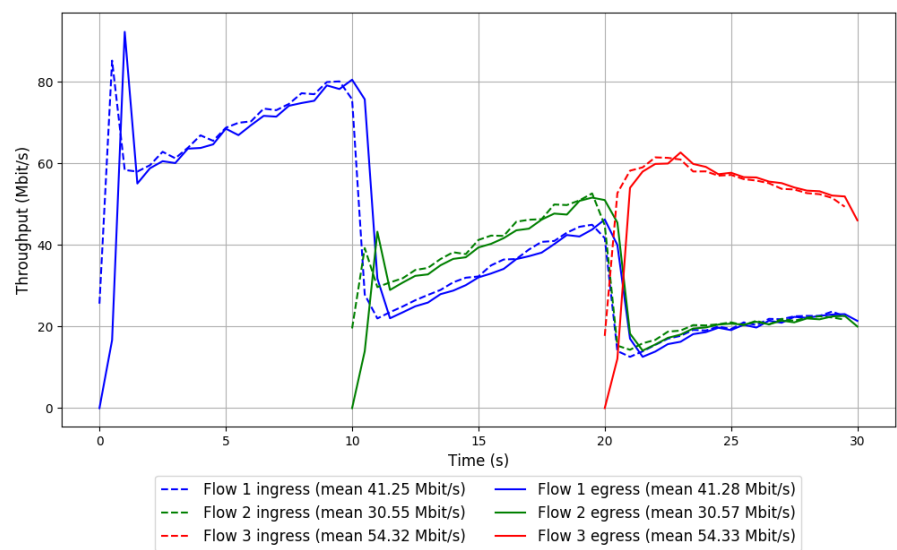
-- Flow 3:

Average throughput: 54.33 Mbit/s

95th percentile per-packet one-way delay: 37.503 ms

Loss rate: 0.64%

Run 1: Report of TCP Vegas — Data Link

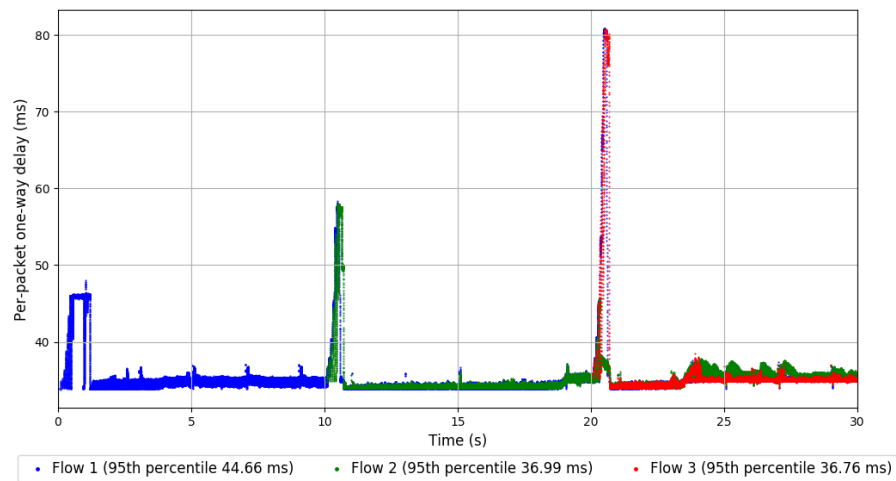
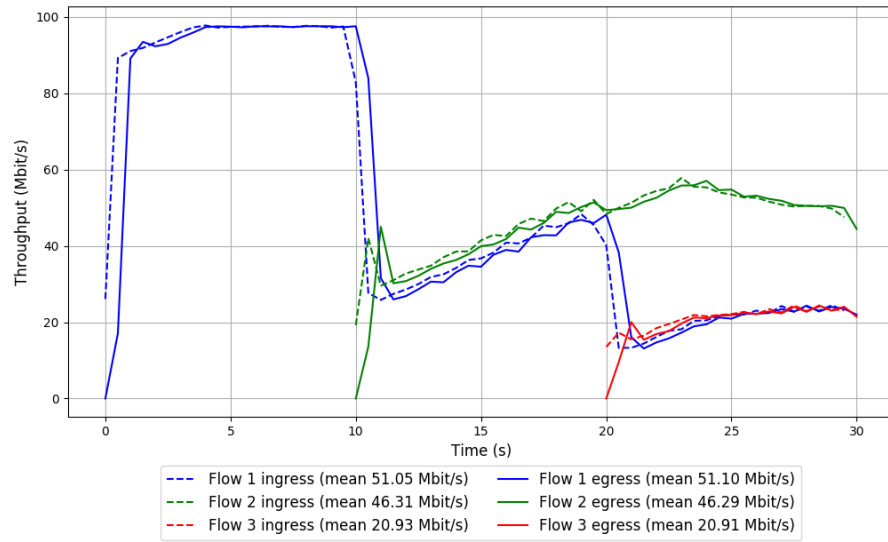


Run 2: Statistics of TCP Vegas

Start at: 2018-08-10 01:50:47
End at: 2018-08-10 01:51:17
Local clock offset: -0.2 ms
Remote clock offset: -1.243 ms

Below is generated by plot.py at 2018-08-10 05:39:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.83 Mbit/s
95th percentile per-packet one-way delay: 37.917 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 51.10 Mbit/s
95th percentile per-packet one-way delay: 44.665 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 36.989 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 20.91 Mbit/s
95th percentile per-packet one-way delay: 36.759 ms
Loss rate: 0.77%

Run 2: Report of TCP Vegas — Data Link

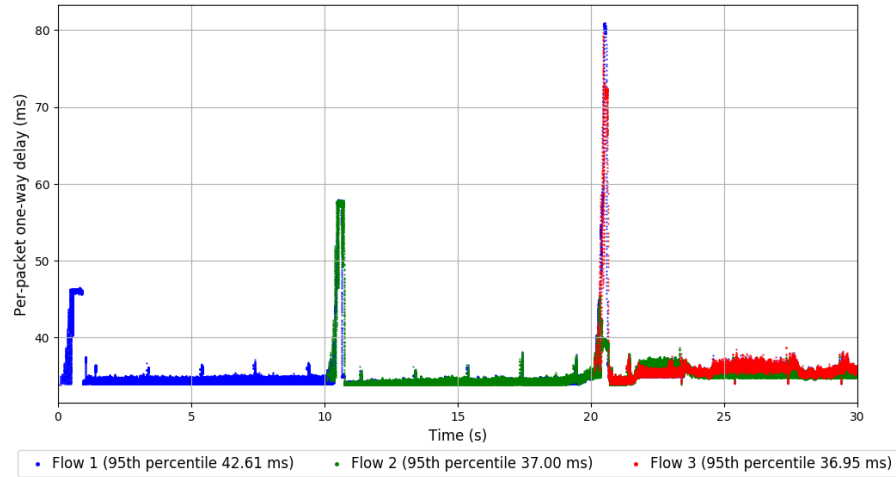
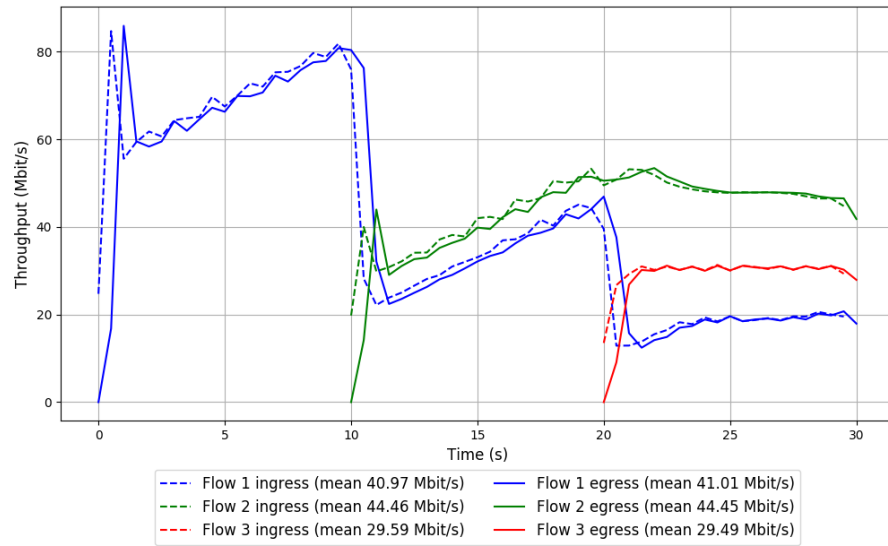


Run 3: Statistics of TCP Vegas

Start at: 2018-08-10 02:13:41
End at: 2018-08-10 02:14:11
Local clock offset: -0.416 ms
Remote clock offset: -2.591 ms

Below is generated by plot.py at 2018-08-10 05:39:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.36 Mbit/s
95th percentile per-packet one-way delay: 37.555 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 42.614 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 44.45 Mbit/s
95th percentile per-packet one-way delay: 36.999 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 36.953 ms
Loss rate: 0.99%

Run 3: Report of TCP Vegas — Data Link

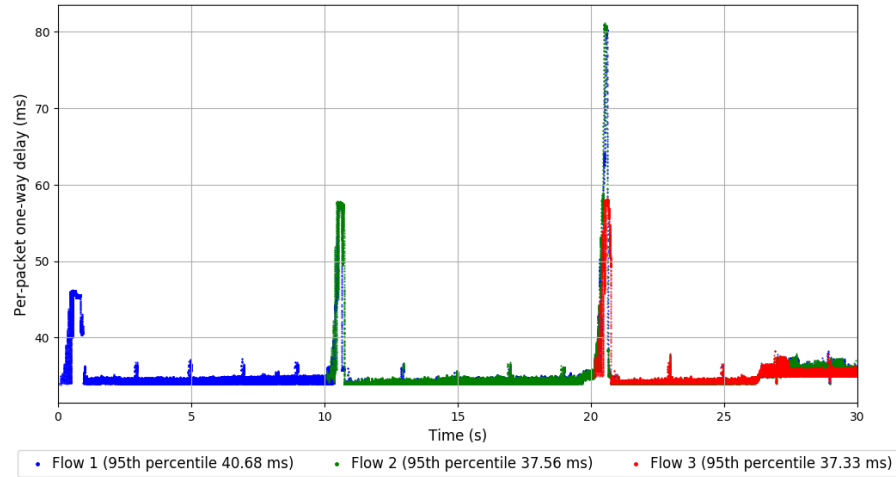
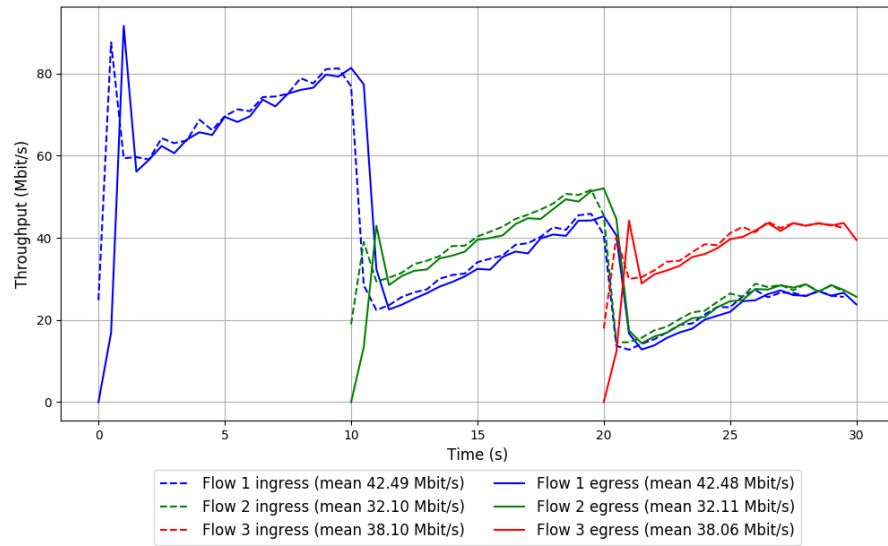


Run 4: Statistics of TCP Vegas

Start at: 2018-08-10 02:36:41
End at: 2018-08-10 02:37:11
Local clock offset: -0.179 ms
Remote clock offset: -2.784 ms

Below is generated by plot.py at 2018-08-10 05:39:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.44 Mbit/s
95th percentile per-packet one-way delay: 39.949 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 42.48 Mbit/s
95th percentile per-packet one-way delay: 40.676 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 32.11 Mbit/s
95th percentile per-packet one-way delay: 37.562 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 37.330 ms
Loss rate: 0.76%

Run 4: Report of TCP Vegas — Data Link

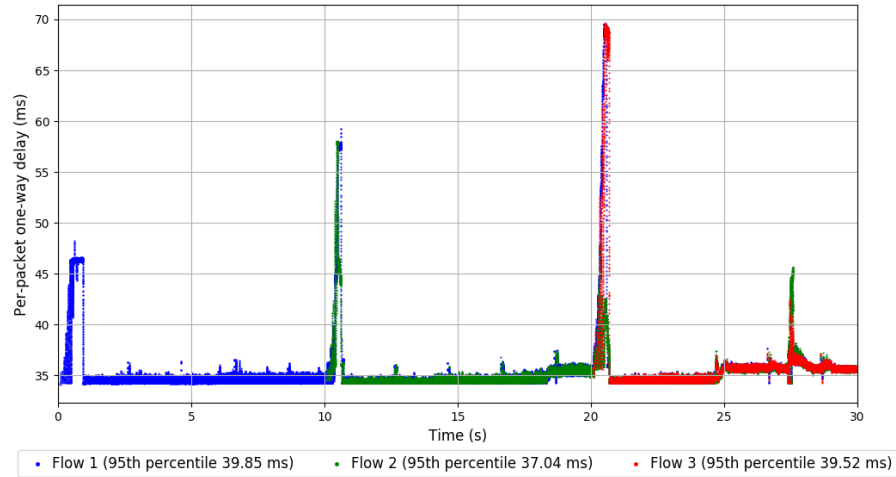
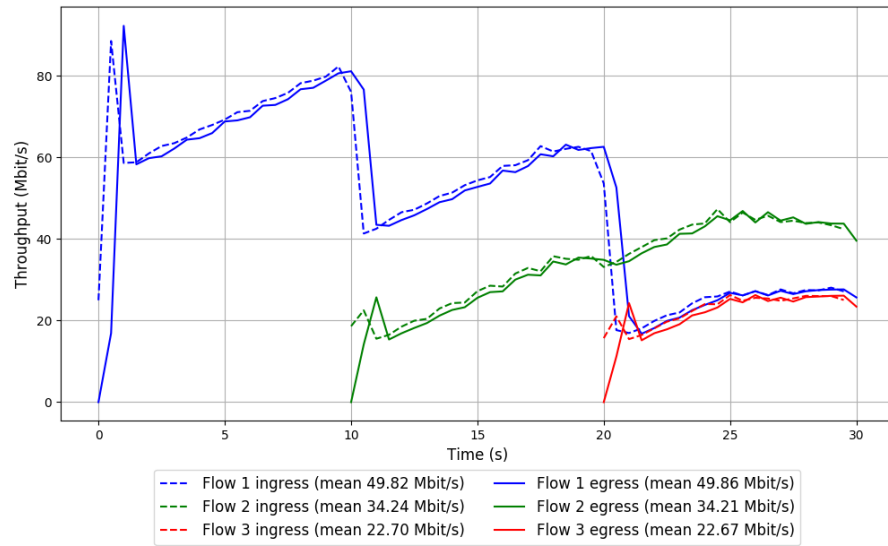


Run 5: Statistics of TCP Vegas

Start at: 2018-08-10 02:59:41
End at: 2018-08-10 03:00:11
Local clock offset: -0.233 ms
Remote clock offset: -1.367 ms

Below is generated by plot.py at 2018-08-10 05:39:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.14 Mbit/s
95th percentile per-packet one-way delay: 37.952 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 39.854 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 37.039 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 22.67 Mbit/s
95th percentile per-packet one-way delay: 39.519 ms
Loss rate: 0.80%

Run 5: Report of TCP Vegas — Data Link

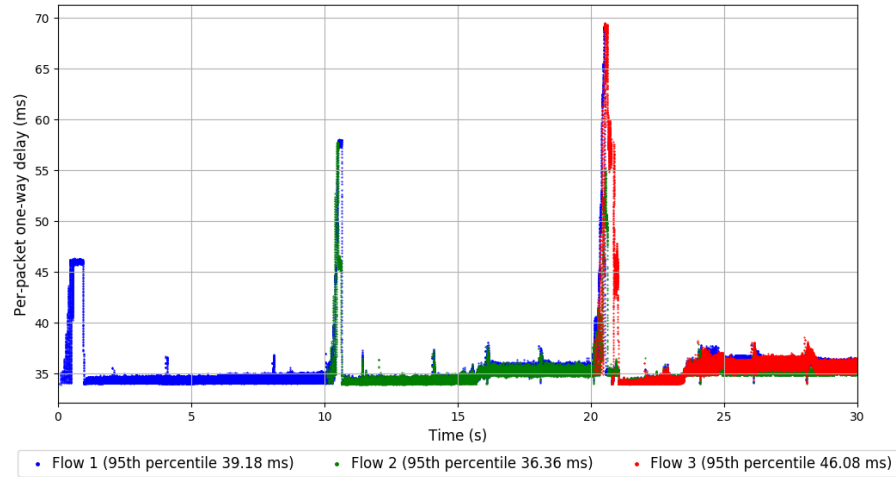
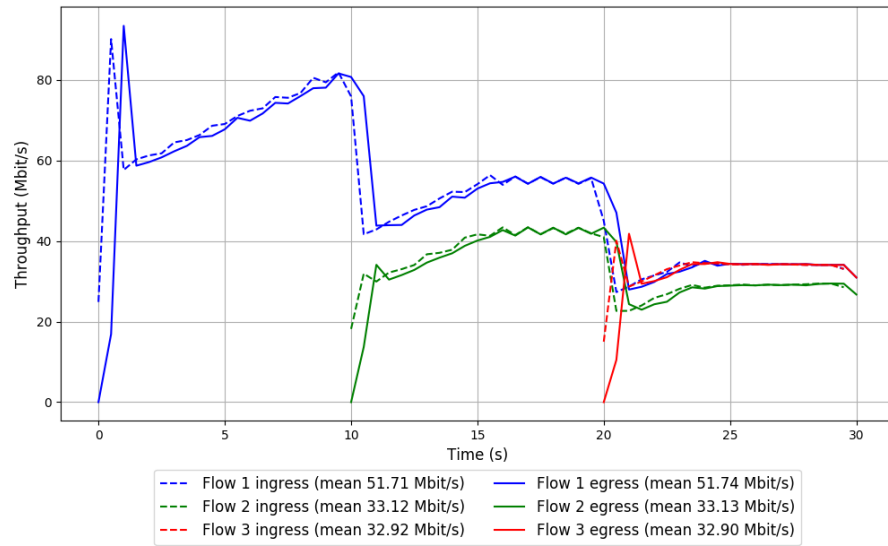


Run 6: Statistics of TCP Vegas

Start at: 2018-08-10 03:22:54
End at: 2018-08-10 03:23:24
Local clock offset: -0.328 ms
Remote clock offset: -0.657 ms

Below is generated by plot.py at 2018-08-10 05:39:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.67 Mbit/s
95th percentile per-packet one-way delay: 38.230 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 51.74 Mbit/s
95th percentile per-packet one-way delay: 39.181 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 33.13 Mbit/s
95th percentile per-packet one-way delay: 36.359 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 32.90 Mbit/s
95th percentile per-packet one-way delay: 46.076 ms
Loss rate: 0.71%

Run 6: Report of TCP Vegas — Data Link

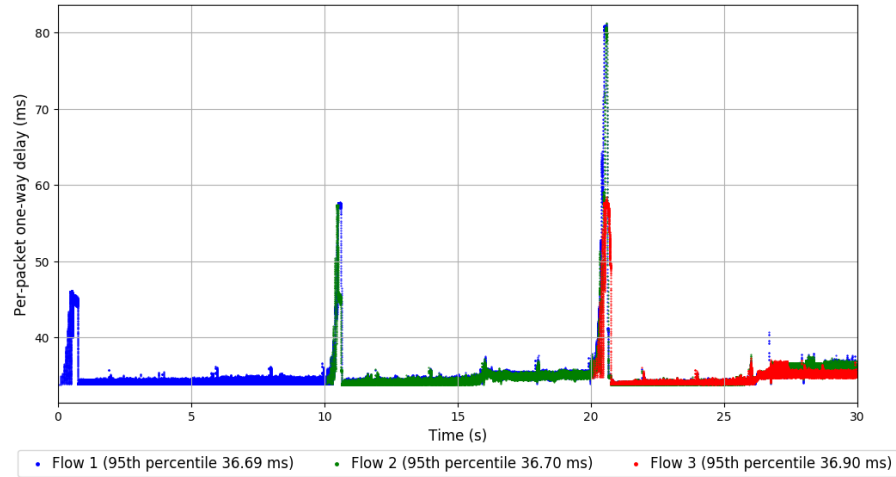
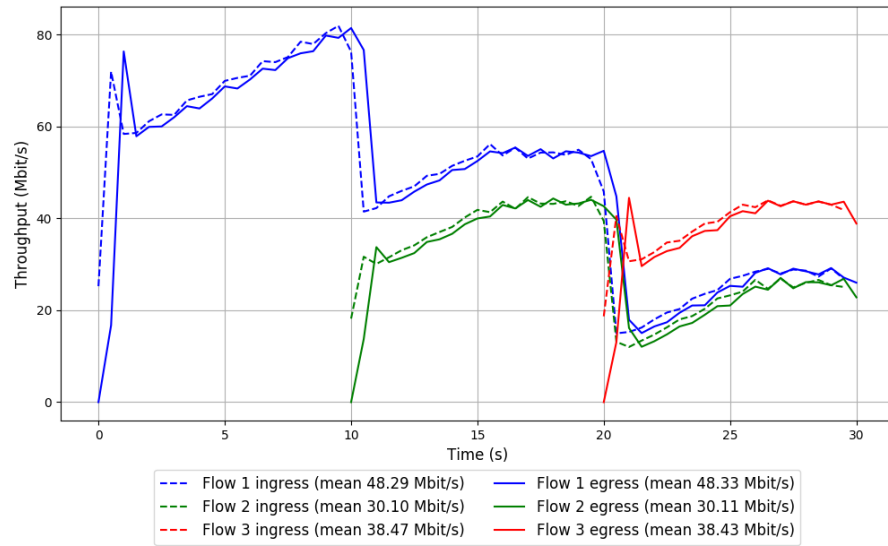


Run 7: Statistics of TCP Vegas

Start at: 2018-08-10 03:46:30
End at: 2018-08-10 03:47:00
Local clock offset: -0.486 ms
Remote clock offset: -1.168 ms

Below is generated by plot.py at 2018-08-10 05:39:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.09 Mbit/s
95th percentile per-packet one-way delay: 36.707 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 48.33 Mbit/s
95th percentile per-packet one-way delay: 36.692 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 36.704 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 38.43 Mbit/s
95th percentile per-packet one-way delay: 36.899 ms
Loss rate: 0.76%

Run 7: Report of TCP Vegas — Data Link

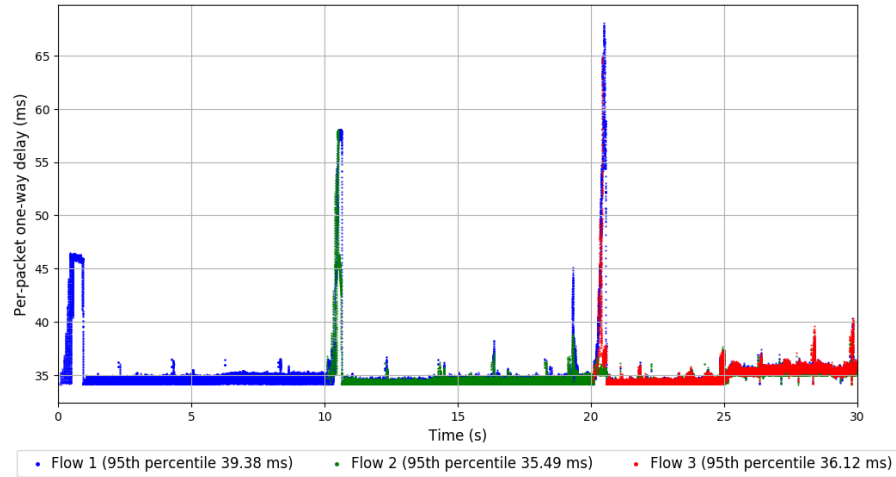
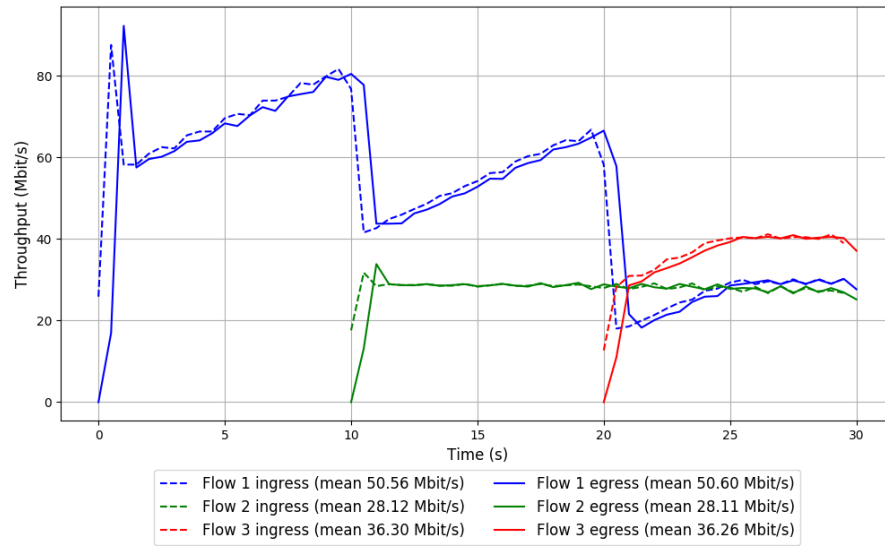


Run 8: Statistics of TCP Vegas

Start at: 2018-08-10 04:09:50
End at: 2018-08-10 04:10:20
Local clock offset: -0.168 ms
Remote clock offset: -1.085 ms

Below is generated by plot.py at 2018-08-10 05:39:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.32 Mbit/s
95th percentile per-packet one-way delay: 36.373 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 50.60 Mbit/s
95th percentile per-packet one-way delay: 39.379 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 28.11 Mbit/s
95th percentile per-packet one-way delay: 35.491 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 36.26 Mbit/s
95th percentile per-packet one-way delay: 36.125 ms
Loss rate: 0.75%

Run 8: Report of TCP Vegas — Data Link

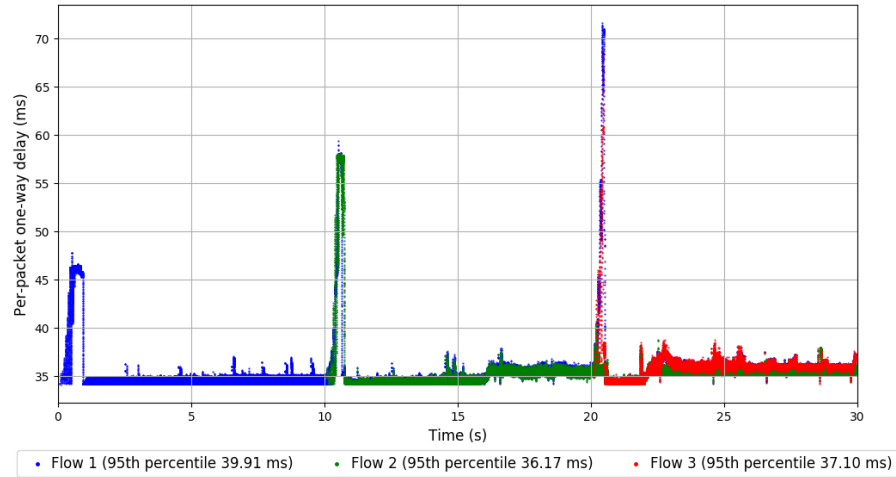
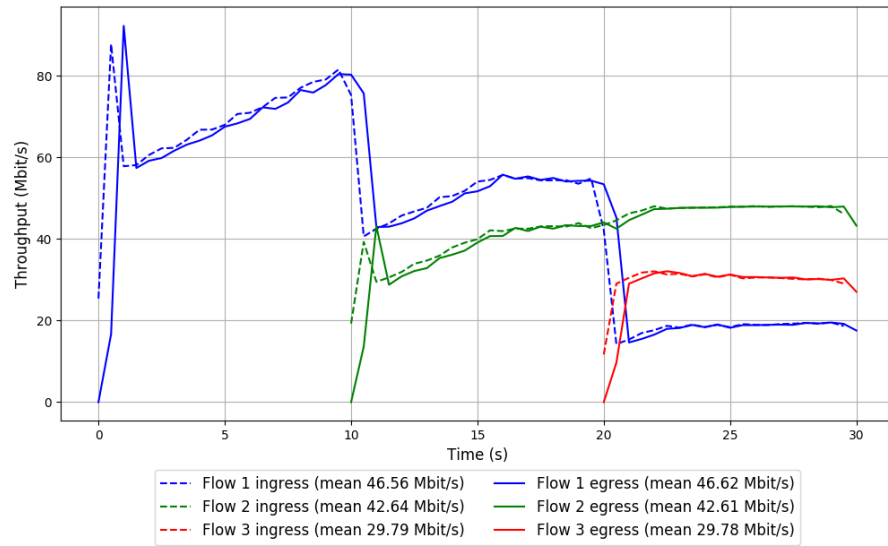


Run 9: Statistics of TCP Vegas

Start at: 2018-08-10 04:33:11
End at: 2018-08-10 04:33:41
Local clock offset: -0.198 ms
Remote clock offset: -1.997 ms

Below is generated by plot.py at 2018-08-10 05:39:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.83 Mbit/s
95th percentile per-packet one-way delay: 37.076 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 46.62 Mbit/s
95th percentile per-packet one-way delay: 39.906 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 42.61 Mbit/s
95th percentile per-packet one-way delay: 36.169 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 37.103 ms
Loss rate: 0.68%

Run 9: Report of TCP Vegas — Data Link

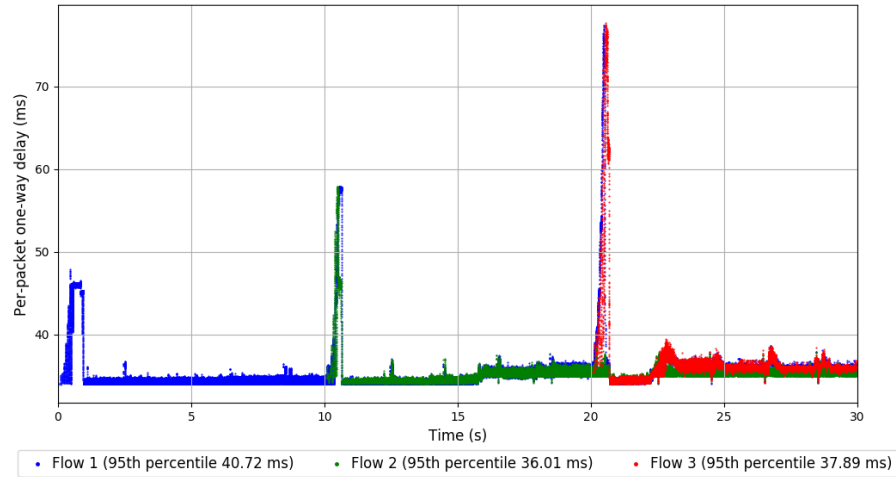
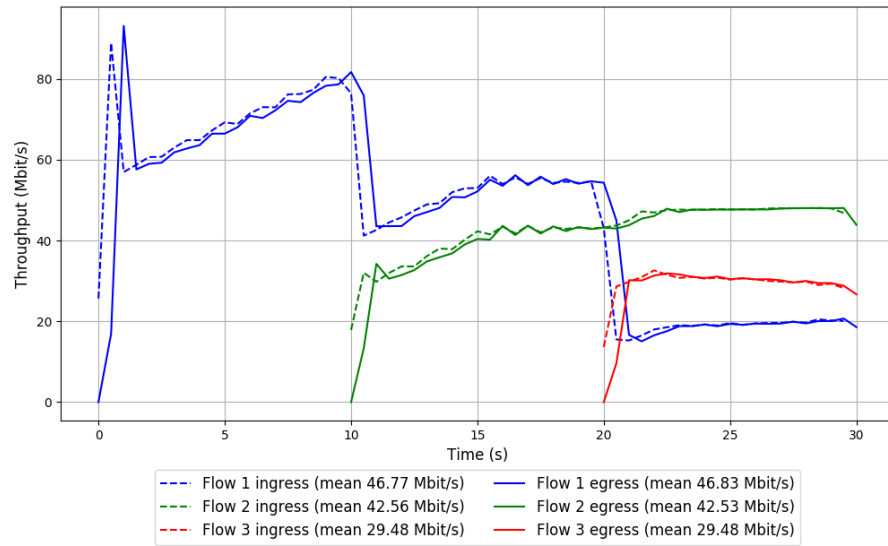


Run 10: Statistics of TCP Vegas

Start at: 2018-08-10 04:56:25
End at: 2018-08-10 04:56:55
Local clock offset: -0.27 ms
Remote clock offset: -1.594 ms

Below is generated by plot.py at 2018-08-10 05:40:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.88 Mbit/s
95th percentile per-packet one-way delay: 37.128 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 40.724 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 42.53 Mbit/s
95th percentile per-packet one-way delay: 36.014 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 37.894 ms
Loss rate: 0.67%

Run 10: Report of TCP Vegas — Data Link

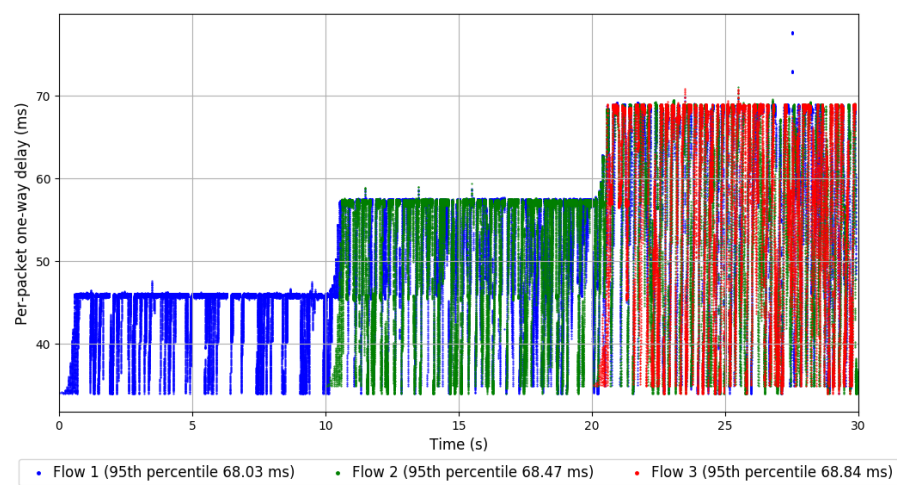
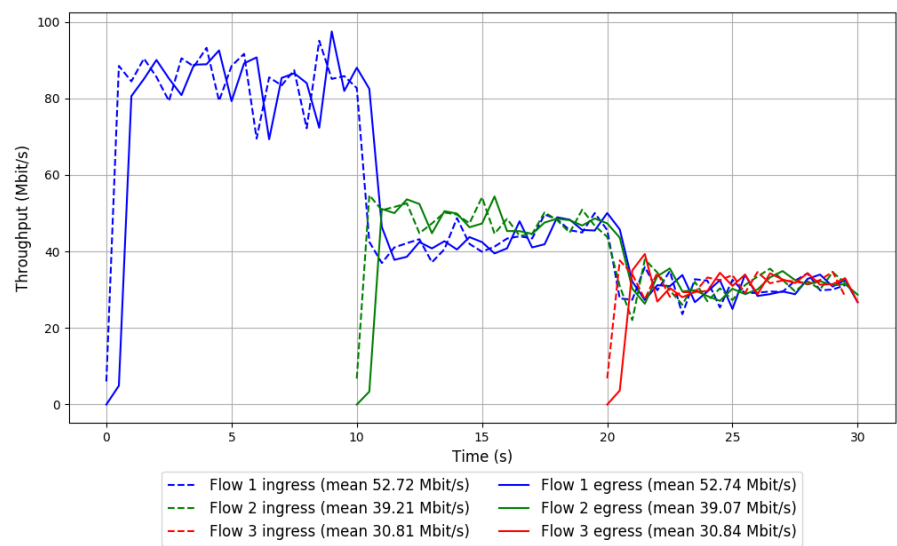


Run 1: Statistics of Verus

Start at: 2018-08-10 01:24:24
End at: 2018-08-10 01:24:54
Local clock offset: 0.121 ms
Remote clock offset: -1.097 ms

Below is generated by plot.py at 2018-08-10 05:40:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 68.485 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 52.74 Mbit/s
95th percentile per-packet one-way delay: 68.034 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 68.472 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 30.84 Mbit/s
95th percentile per-packet one-way delay: 68.837 ms
Loss rate: 1.24%

Run 1: Report of Verus — Data Link

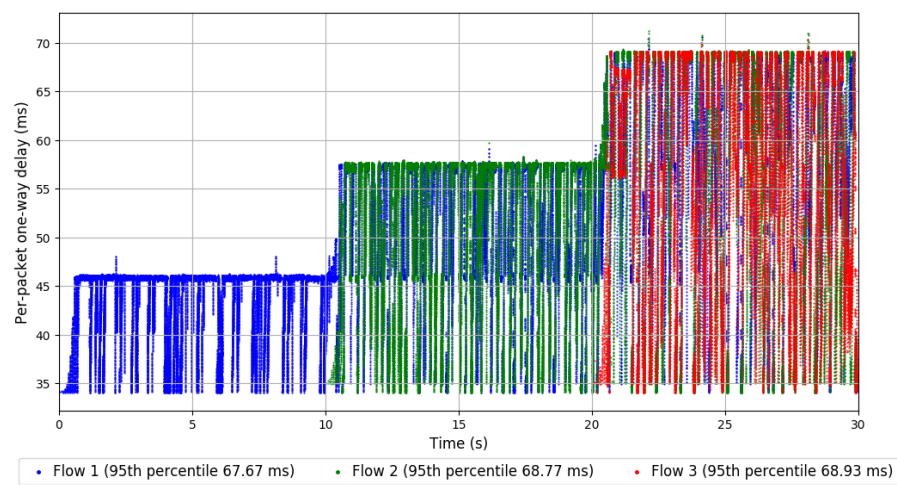
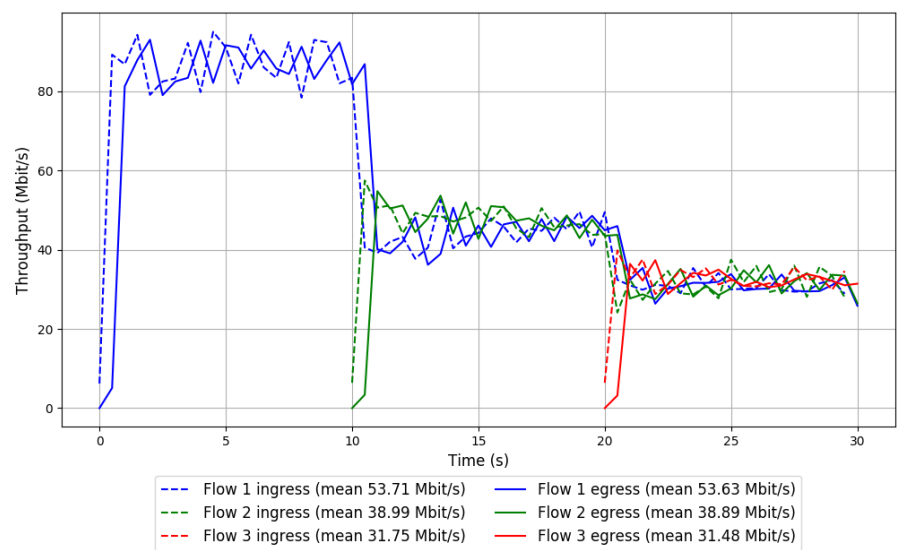


Run 2: Statistics of Verus

Start at: 2018-08-10 01:48:00
End at: 2018-08-10 01:48:30
Local clock offset: -0.027 ms
Remote clock offset: -1.217 ms

Below is generated by plot.py at 2018-08-10 05:40:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 68.598 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: 67.671 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 38.89 Mbit/s
95th percentile per-packet one-way delay: 68.770 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 68.932 ms
Loss rate: 1.66%

Run 2: Report of Verus — Data Link

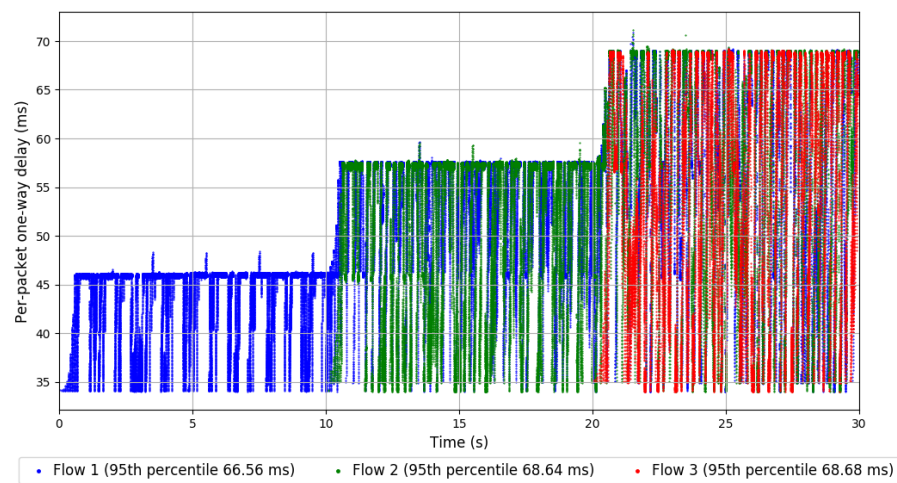
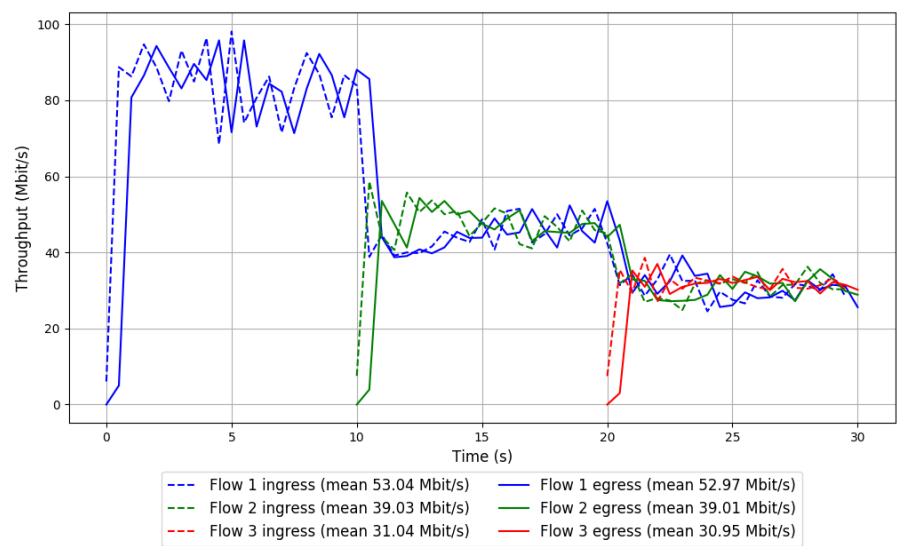


Run 3: Statistics of Verus

Start at: 2018-08-10 02:10:56
End at: 2018-08-10 02:11:26
Local clock offset: -0.313 ms
Remote clock offset: -2.452 ms

Below is generated by plot.py at 2018-08-10 05:40:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 68.510 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 52.97 Mbit/s
95th percentile per-packet one-way delay: 66.563 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 39.01 Mbit/s
95th percentile per-packet one-way delay: 68.638 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 30.95 Mbit/s
95th percentile per-packet one-way delay: 68.682 ms
Loss rate: 0.96%

Run 3: Report of Verus — Data Link

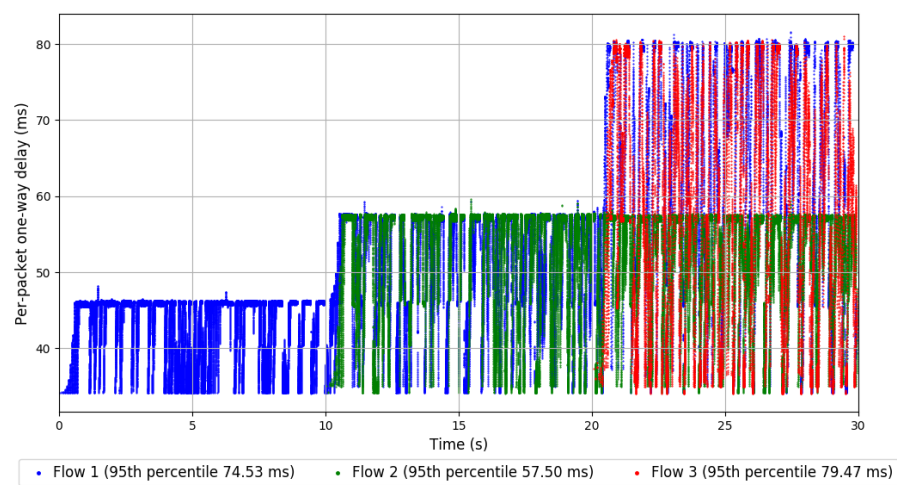
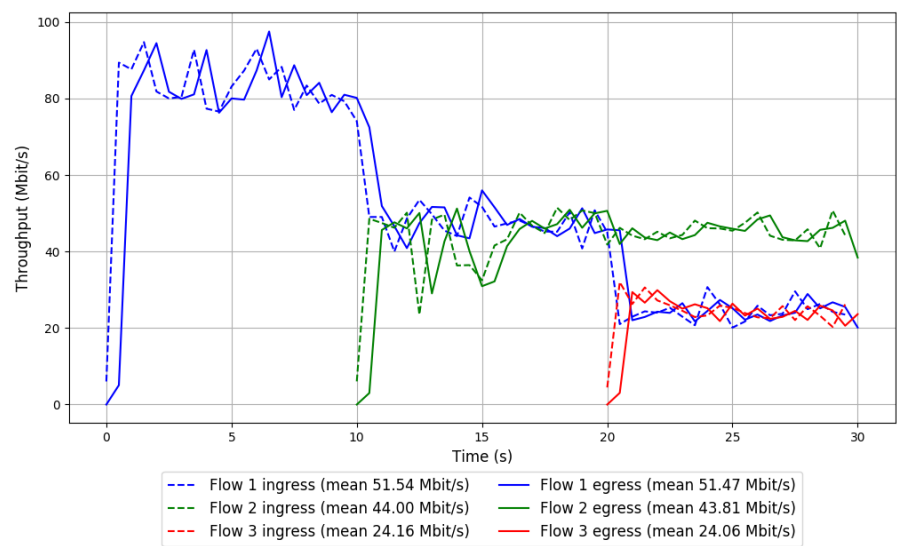


Run 4: Statistics of Verus

Start at: 2018-08-10 02:33:56
End at: 2018-08-10 02:34:26
Local clock offset: -0.197 ms
Remote clock offset: -2.942 ms

Below is generated by plot.py at 2018-08-10 05:40:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.56 Mbit/s
95th percentile per-packet one-way delay: 72.851 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 51.47 Mbit/s
95th percentile per-packet one-way delay: 74.533 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 57.498 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 79.473 ms
Loss rate: 1.08%

Run 4: Report of Verus — Data Link

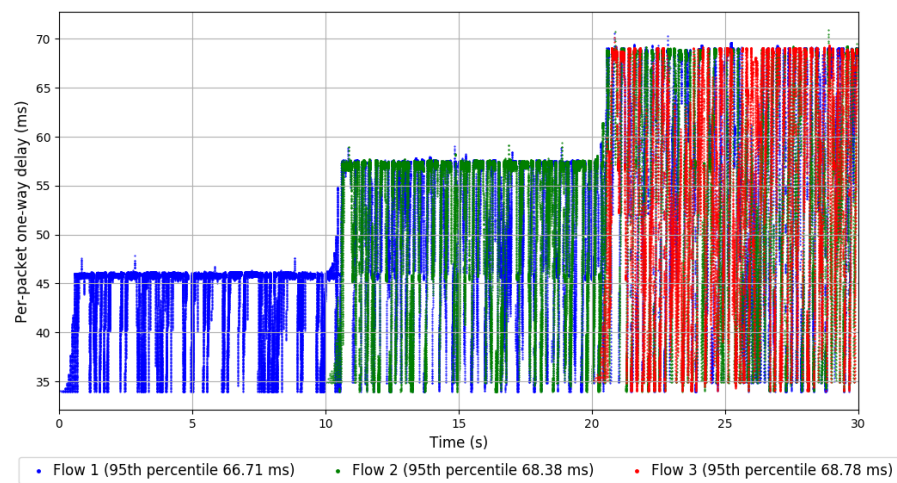
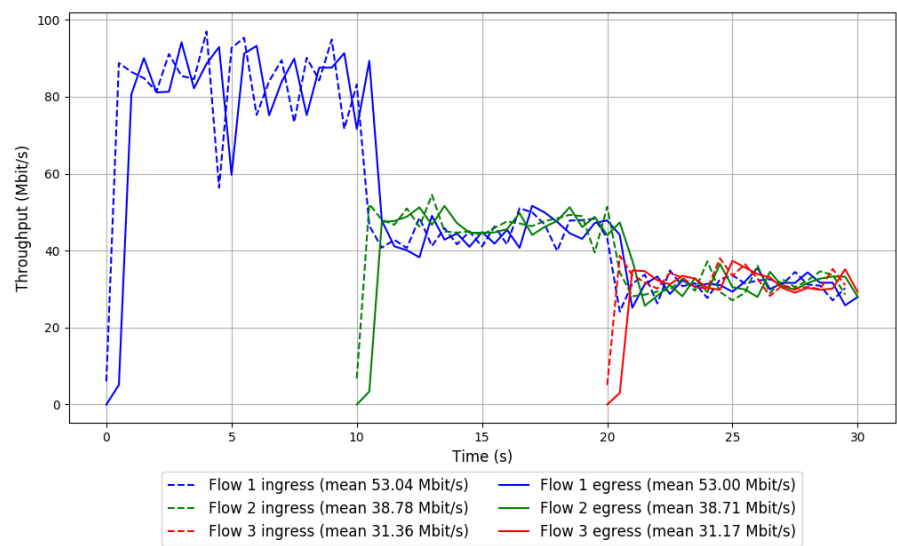


Run 5: Statistics of Verus

Start at: 2018-08-10 02:56:57
End at: 2018-08-10 02:57:27
Local clock offset: -0.22 ms
Remote clock offset: -1.361 ms

Below is generated by plot.py at 2018-08-10 05:40:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.05 Mbit/s
95th percentile per-packet one-way delay: 68.323 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 66.709 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 38.71 Mbit/s
95th percentile per-packet one-way delay: 68.377 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 68.781 ms
Loss rate: 1.23%

Run 5: Report of Verus — Data Link

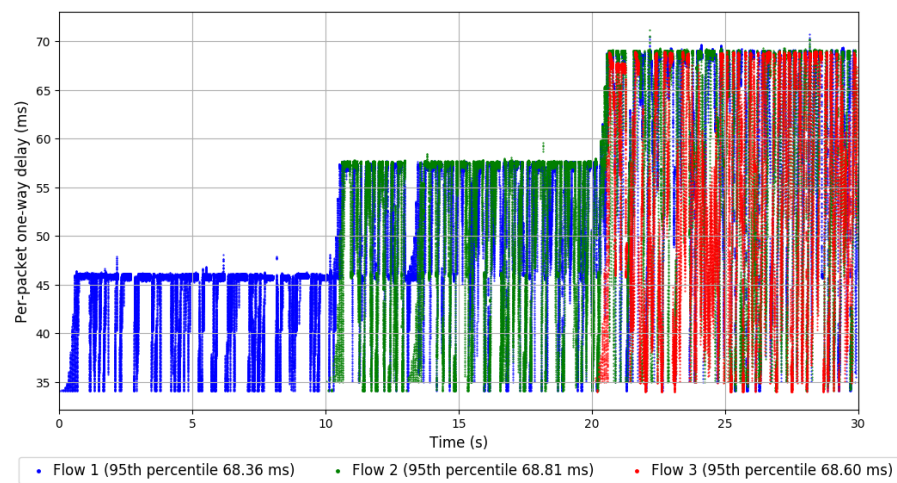
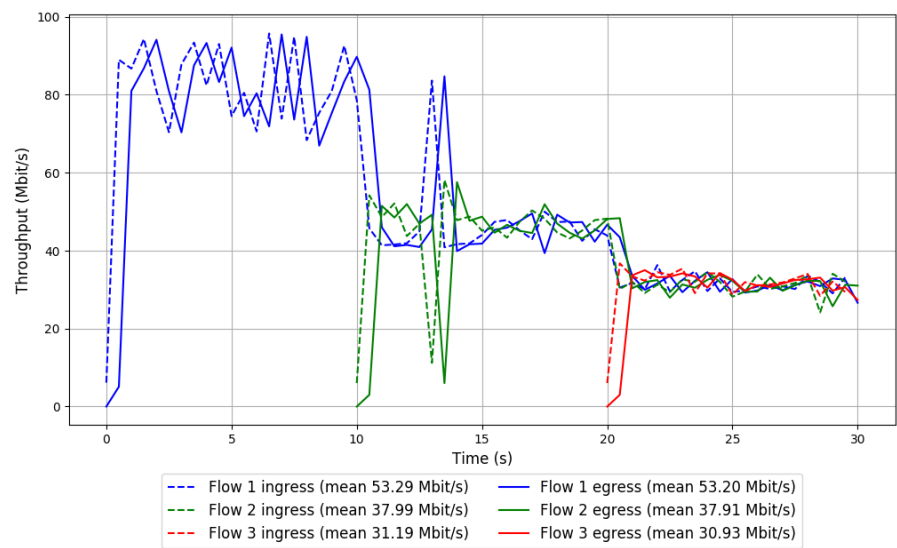


Run 6: Statistics of Verus

Start at: 2018-08-10 03:20:06
End at: 2018-08-10 03:20:36
Local clock offset: -0.289 ms
Remote clock offset: -0.805 ms

Below is generated by plot.py at 2018-08-10 05:40:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 68.605 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 53.20 Mbit/s
95th percentile per-packet one-way delay: 68.358 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 37.91 Mbit/s
95th percentile per-packet one-way delay: 68.814 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 68.603 ms
Loss rate: 1.48%

Run 6: Report of Verus — Data Link

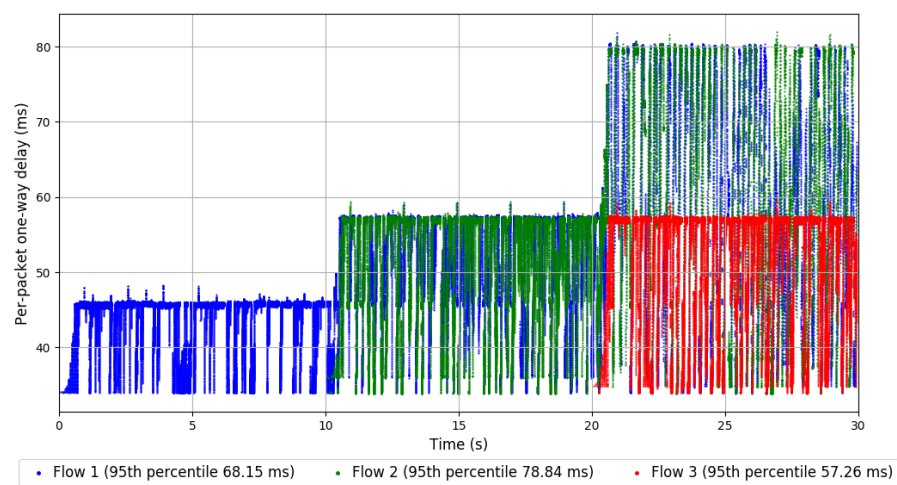
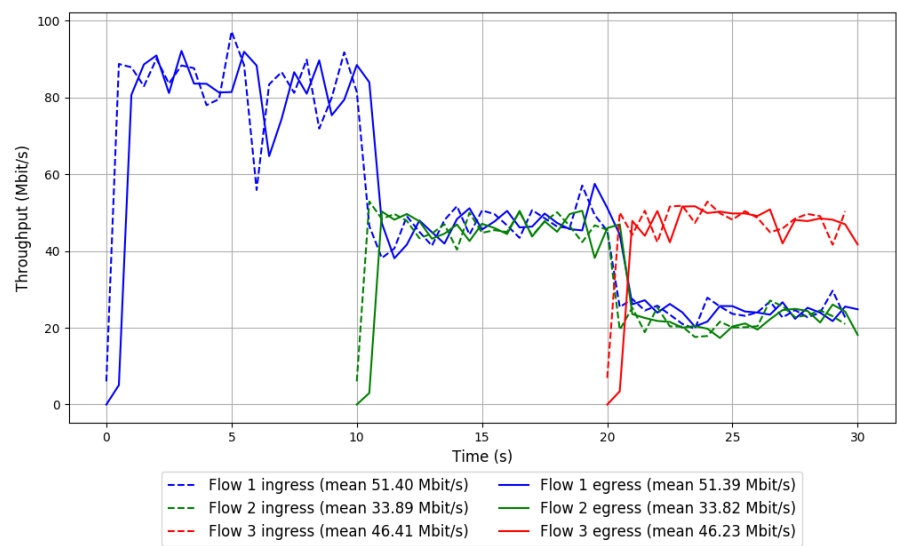


Run 7: Statistics of Verus

Start at: 2018-08-10 03:43:39
End at: 2018-08-10 03:44:09
Local clock offset: -0.506 ms
Remote clock offset: -1.005 ms

Below is generated by plot.py at 2018-08-10 05:41:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.16 Mbit/s
95th percentile per-packet one-way delay: 70.841 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 51.39 Mbit/s
95th percentile per-packet one-way delay: 68.154 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 78.843 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 46.23 Mbit/s
95th percentile per-packet one-way delay: 57.264 ms
Loss rate: 1.13%

Run 7: Report of Verus — Data Link

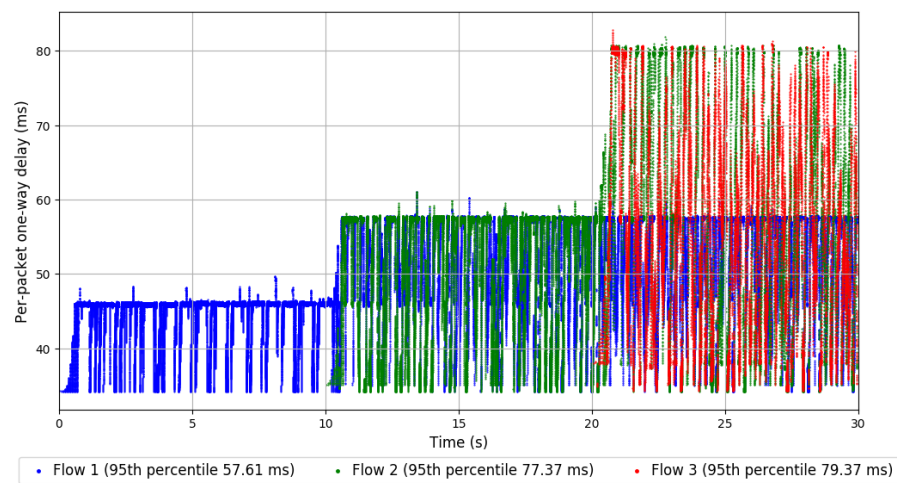
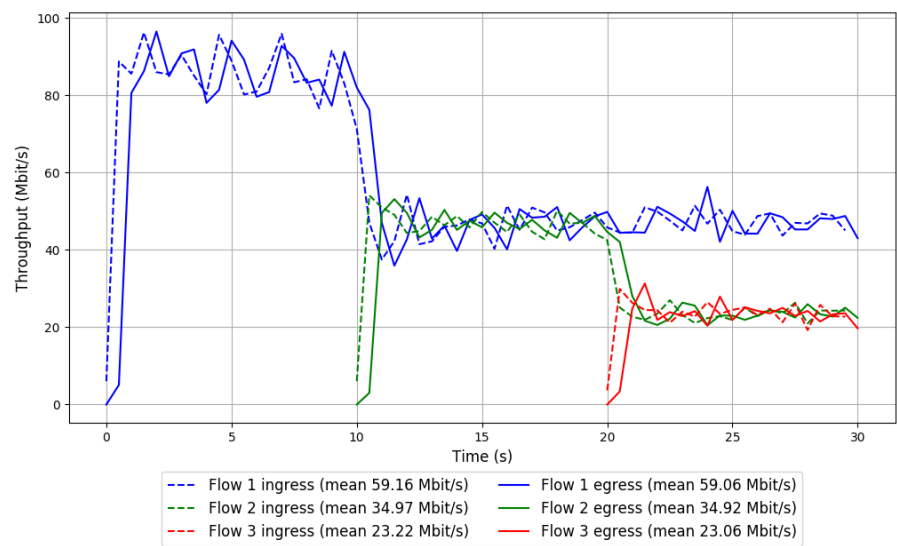


Run 8: Statistics of Verus

Start at: 2018-08-10 04:07:03
End at: 2018-08-10 04:07:33
Local clock offset: -0.182 ms
Remote clock offset: -1.17 ms

Below is generated by plot.py at 2018-08-10 05:41:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 65.400 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 59.06 Mbit/s
95th percentile per-packet one-way delay: 57.613 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 34.92 Mbit/s
95th percentile per-packet one-way delay: 77.372 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 79.367 ms
Loss rate: 1.37%

Run 8: Report of Verus — Data Link

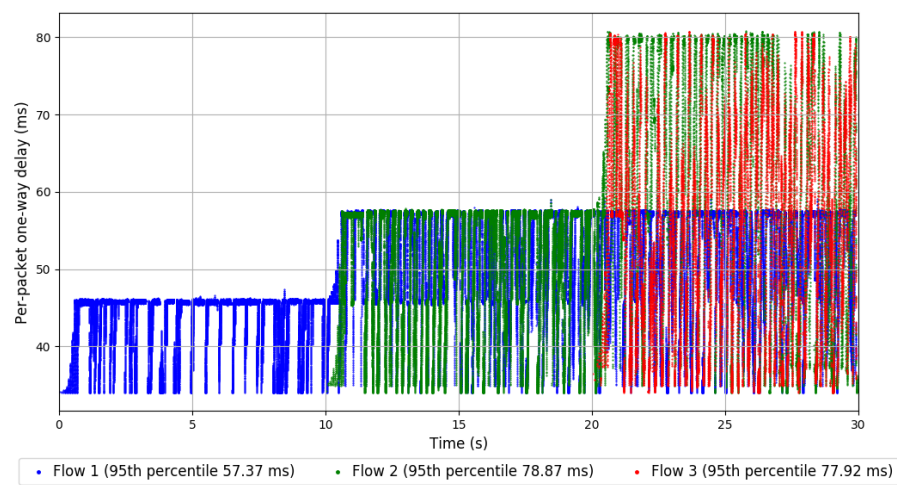
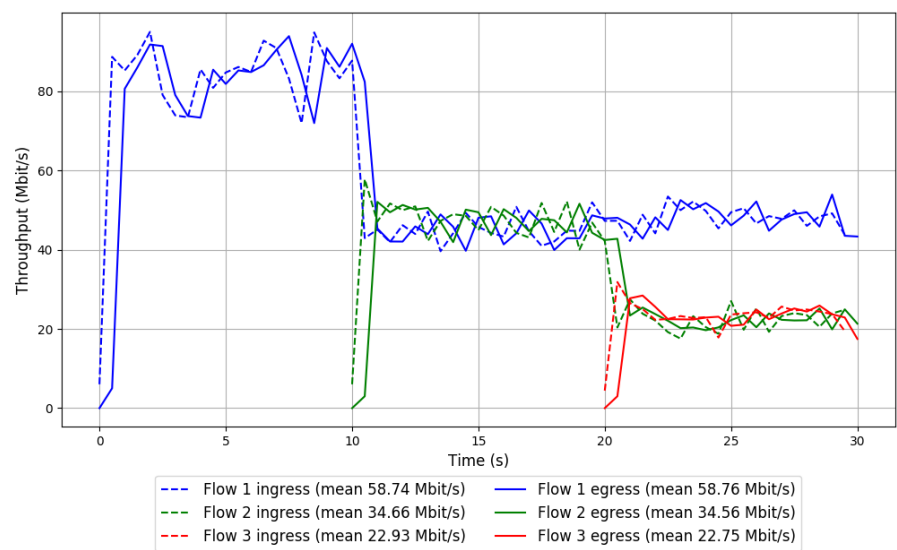


Run 9: Statistics of Verus

Start at: 2018-08-10 04:30:23
End at: 2018-08-10 04:30:53
Local clock offset: -0.313 ms
Remote clock offset: -2.016 ms

Below is generated by plot.py at 2018-08-10 05:41:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.19 Mbit/s
95th percentile per-packet one-way delay: 68.068 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 58.76 Mbit/s
95th percentile per-packet one-way delay: 57.371 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 78.867 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 22.75 Mbit/s
95th percentile per-packet one-way delay: 77.923 ms
Loss rate: 1.35%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-08-10 04:53:40

End at: 2018-08-10 04:54:10

Local clock offset: -0.254 ms

Remote clock offset: -1.64 ms

Below is generated by plot.py at 2018-08-10 05:41:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 72.087 ms

Loss rate: 0.51%

-- Flow 1:

Average throughput: 50.84 Mbit/s

95th percentile per-packet one-way delay: 72.826 ms

Loss rate: 0.33%

-- Flow 2:

Average throughput: 47.10 Mbit/s

95th percentile per-packet one-way delay: 57.488 ms

Loss rate: 0.59%

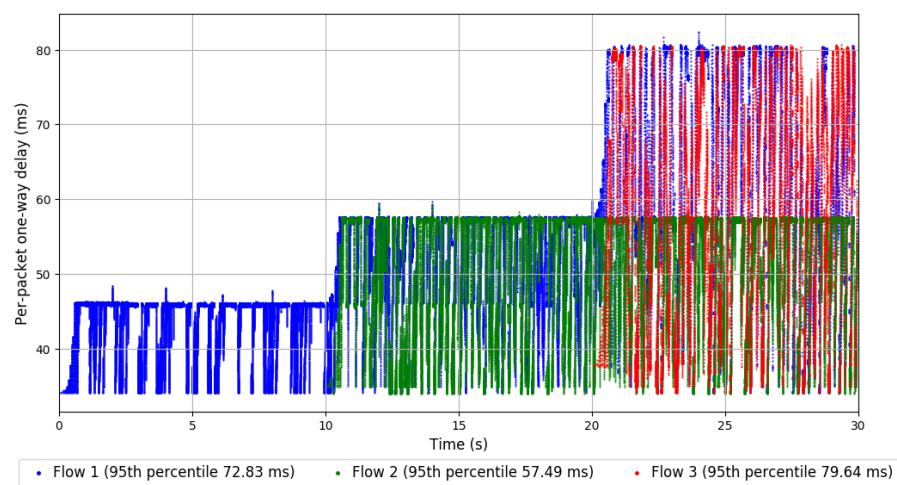
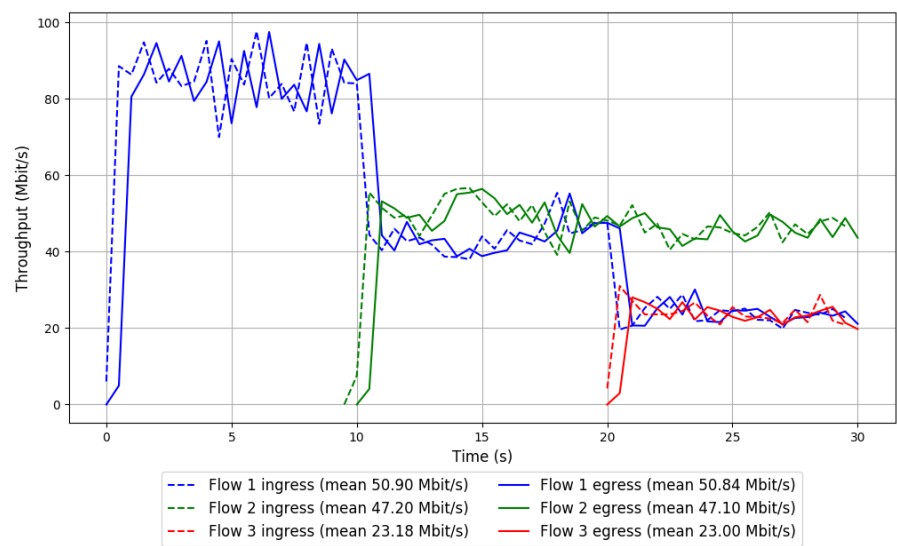
-- Flow 3:

Average throughput: 23.00 Mbit/s

95th percentile per-packet one-way delay: 79.639 ms

Loss rate: 1.43%

Run 10: Report of Verus — Data Link

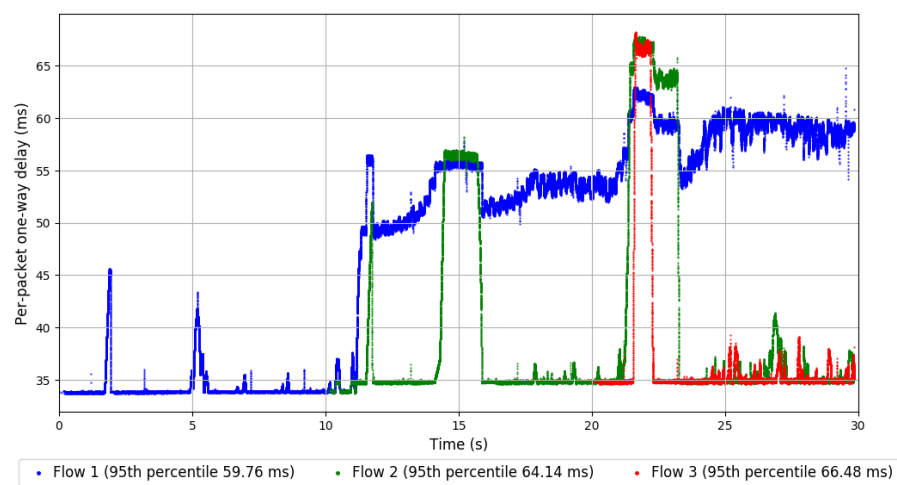
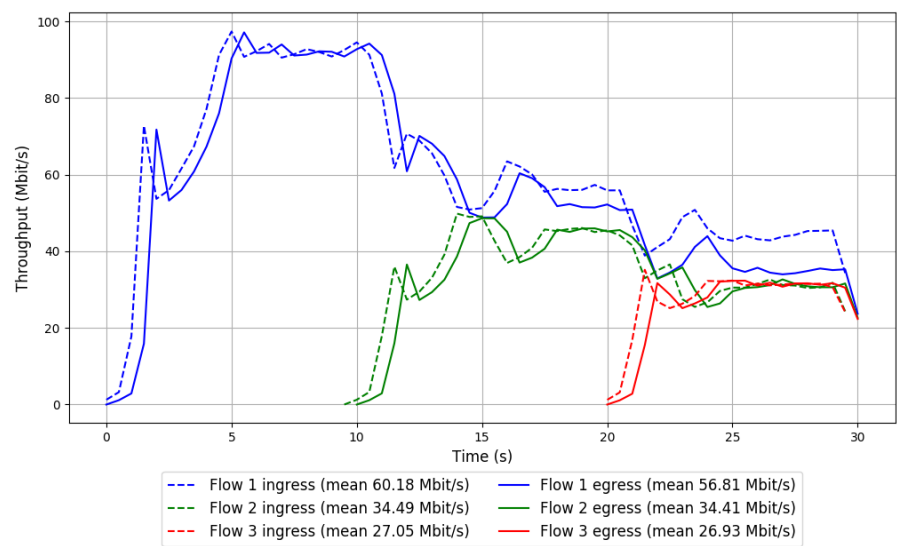


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-10 01:39:33
End at: 2018-08-10 01:40:03
Local clock offset: -0.046 ms
Remote clock offset: -1.096 ms

Below is generated by plot.py at 2018-08-10 05:41:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.53 Mbit/s
95th percentile per-packet one-way delay: 60.129 ms
Loss rate: 4.05%
-- Flow 1:
Average throughput: 56.81 Mbit/s
95th percentile per-packet one-way delay: 59.764 ms
Loss rate: 5.82%
-- Flow 2:
Average throughput: 34.41 Mbit/s
95th percentile per-packet one-way delay: 64.141 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 26.93 Mbit/s
95th percentile per-packet one-way delay: 66.483 ms
Loss rate: 1.08%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-08-10 02:02:49

End at: 2018-08-10 02:03:19

Local clock offset: -0.284 ms

Remote clock offset: -1.99 ms

Below is generated by plot.py at 2018-08-10 05:41:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.29 Mbit/s

95th percentile per-packet one-way delay: 60.061 ms

Loss rate: 0.62%

-- Flow 1:

Average throughput: 52.66 Mbit/s

95th percentile per-packet one-way delay: 56.174 ms

Loss rate: 0.40%

-- Flow 2:

Average throughput: 36.86 Mbit/s

95th percentile per-packet one-way delay: 63.889 ms

Loss rate: 0.99%

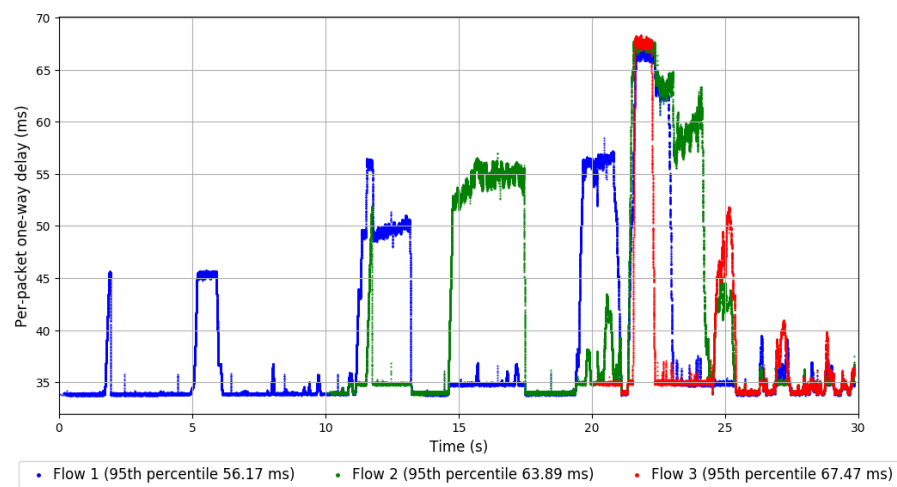
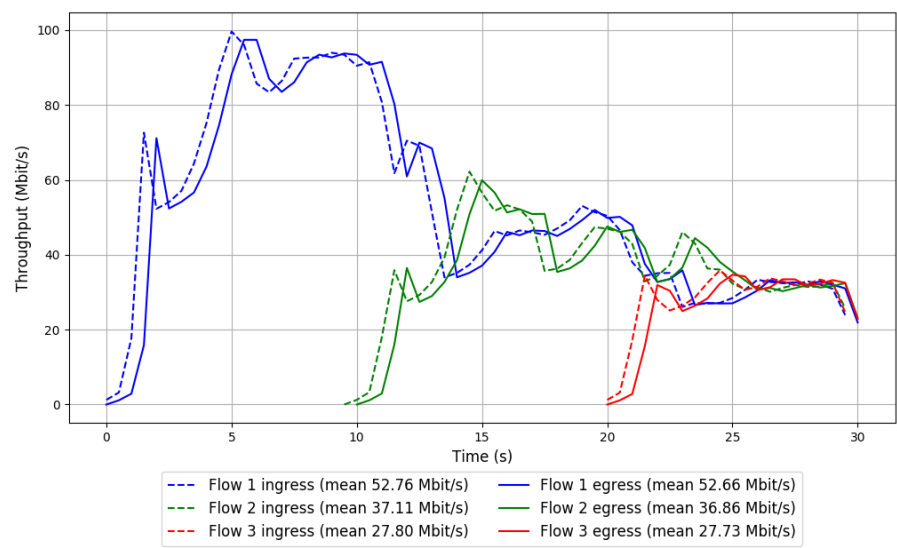
-- Flow 3:

Average throughput: 27.73 Mbit/s

95th percentile per-packet one-way delay: 67.470 ms

Loss rate: 0.91%

Run 2: Report of PCC-Vivace — Data Link

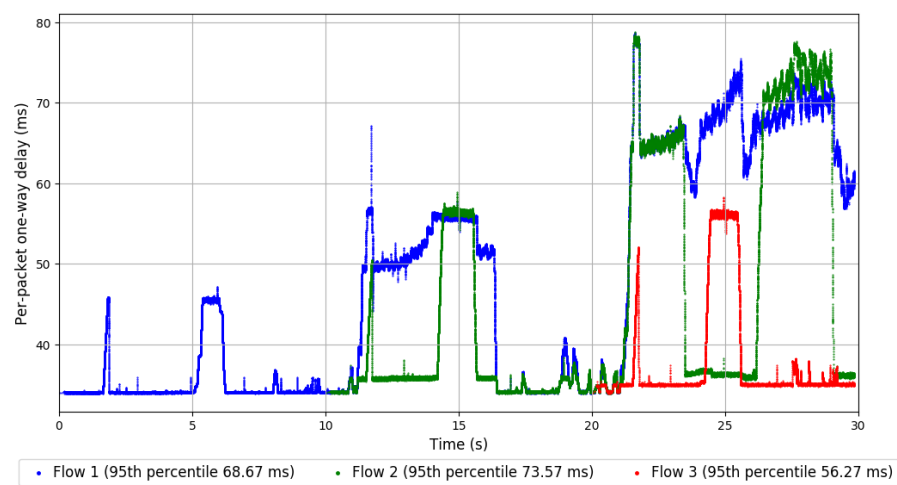
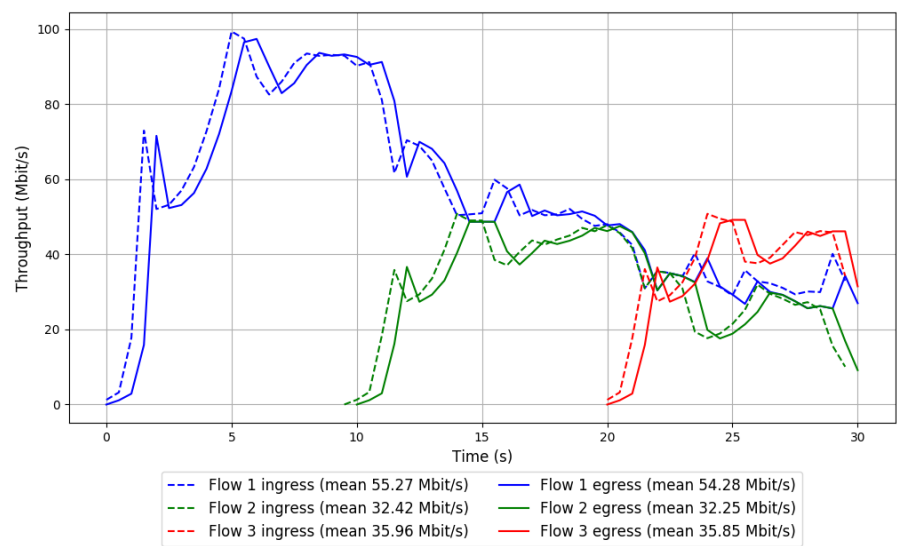


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-10 02:25:47
End at: 2018-08-10 02:26:17
Local clock offset: -0.317 ms
Remote clock offset: -3.392 ms

Below is generated by plot.py at 2018-08-10 05:42:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.52 Mbit/s
95th percentile per-packet one-way delay: 69.677 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 54.28 Mbit/s
95th percentile per-packet one-way delay: 68.667 ms
Loss rate: 2.01%
-- Flow 2:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 73.568 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 35.85 Mbit/s
95th percentile per-packet one-way delay: 56.268 ms
Loss rate: 0.96%

Run 3: Report of PCC-Vivace — Data Link

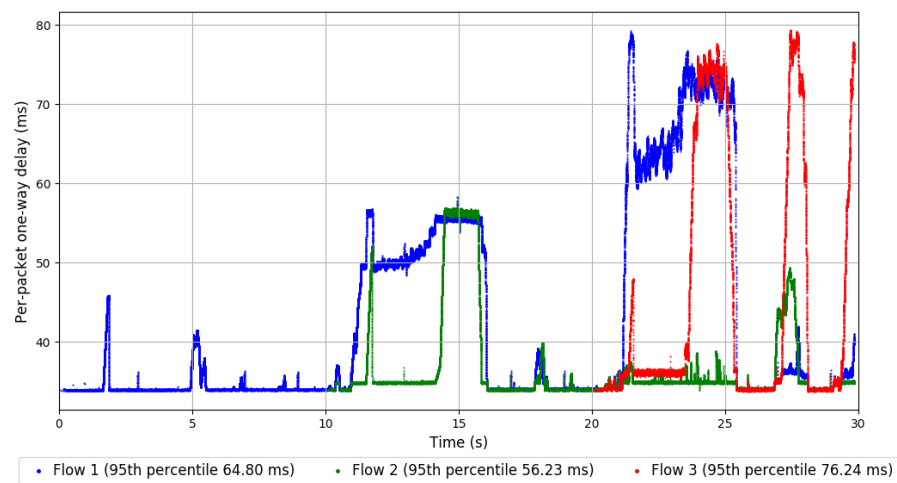
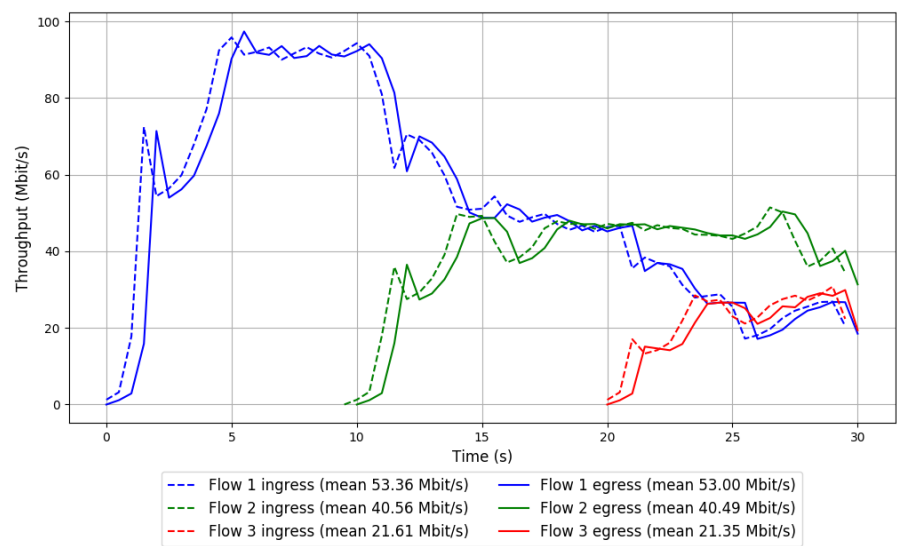


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-10 02:48:49
End at: 2018-08-10 02:49:19
Local clock offset: -0.283 ms
Remote clock offset: -2.028 ms

Below is generated by plot.py at 2018-08-10 05:42:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.94 Mbit/s
95th percentile per-packet one-way delay: 65.211 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 64.801 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 56.229 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 21.35 Mbit/s
95th percentile per-packet one-way delay: 76.238 ms
Loss rate: 1.93%

Run 4: Report of PCC-Vivace — Data Link

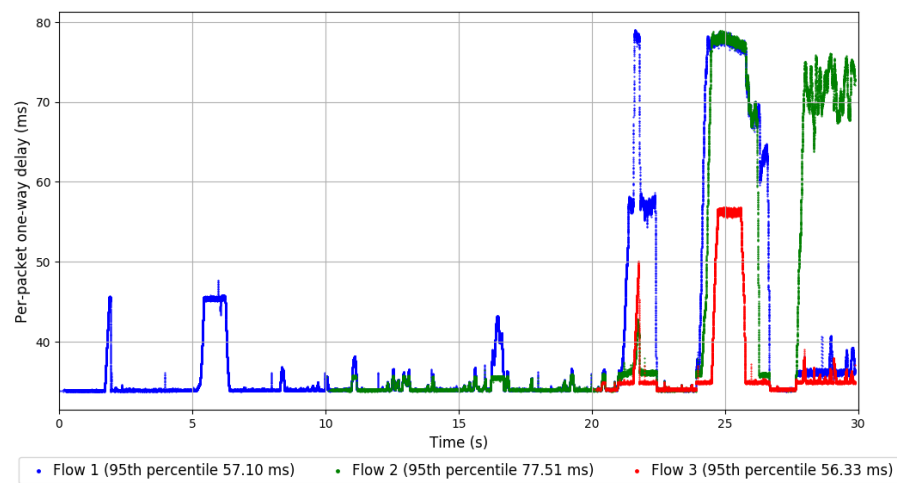
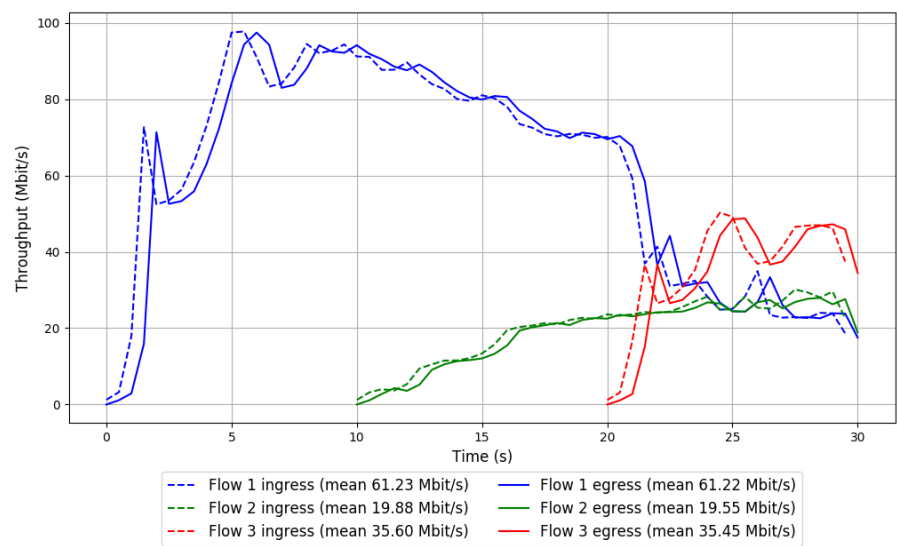


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-10 03:11:54
End at: 2018-08-10 03:12:24
Local clock offset: -0.227 ms
Remote clock offset: -1.052 ms

Below is generated by plot.py at 2018-08-10 05:42:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 69.152 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 61.22 Mbit/s
95th percentile per-packet one-way delay: 57.101 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 19.55 Mbit/s
95th percentile per-packet one-way delay: 77.508 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 35.45 Mbit/s
95th percentile per-packet one-way delay: 56.328 ms
Loss rate: 1.06%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-08-10 03:35:10

End at: 2018-08-10 03:35:40

Local clock offset: -0.374 ms

Remote clock offset: -0.1 ms

Below is generated by plot.py at 2018-08-10 05:42:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.88 Mbit/s

95th percentile per-packet one-way delay: 67.456 ms

Loss rate: 1.21%

-- Flow 1:

Average throughput: 51.05 Mbit/s

95th percentile per-packet one-way delay: 70.192 ms

Loss rate: 1.63%

-- Flow 2:

Average throughput: 40.84 Mbit/s

95th percentile per-packet one-way delay: 56.537 ms

Loss rate: 0.50%

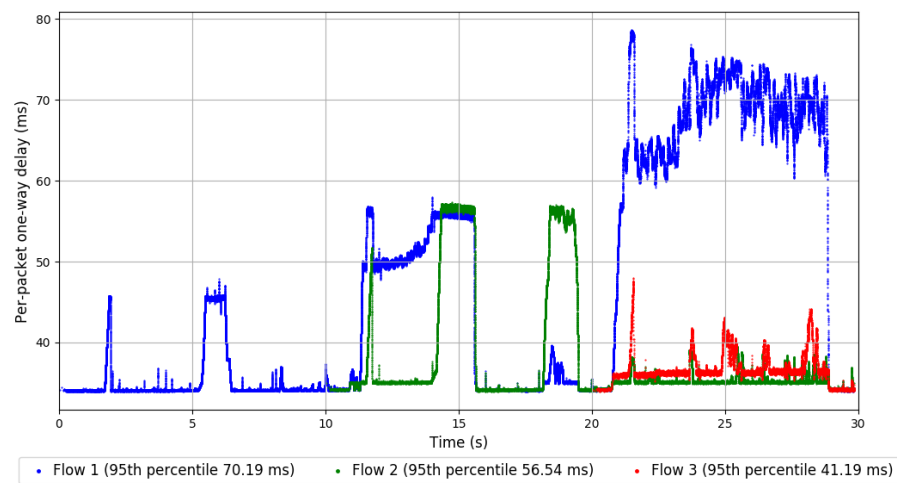
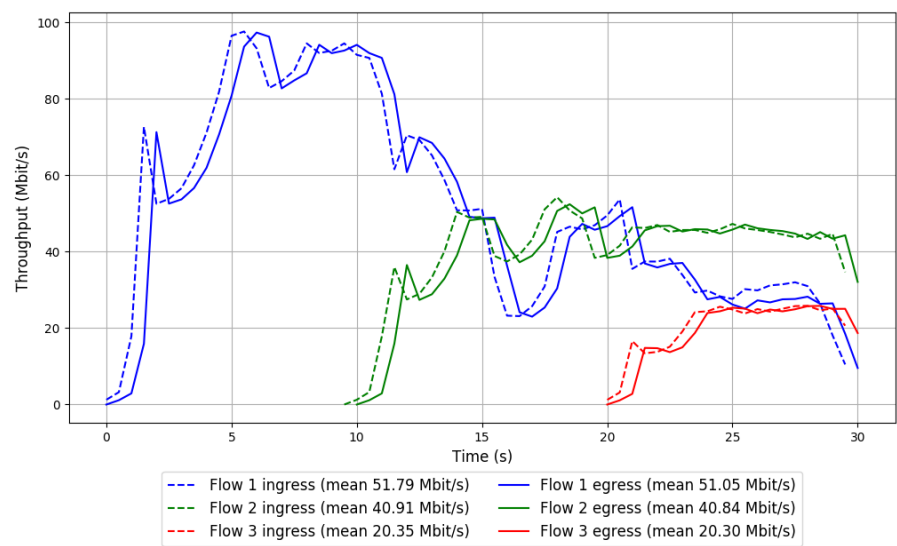
-- Flow 3:

Average throughput: 20.30 Mbit/s

95th percentile per-packet one-way delay: 41.190 ms

Loss rate: 0.90%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-08-10 03:58:47

End at: 2018-08-10 03:59:17

Local clock offset: -0.294 ms

Remote clock offset: -1.15 ms

Below is generated by plot.py at 2018-08-10 05:42:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.72 Mbit/s

95th percentile per-packet one-way delay: 73.920 ms

Loss rate: 1.56%

-- Flow 1:

Average throughput: 57.50 Mbit/s

95th percentile per-packet one-way delay: 49.613 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 33.16 Mbit/s

95th percentile per-packet one-way delay: 74.647 ms

Loss rate: 3.83%

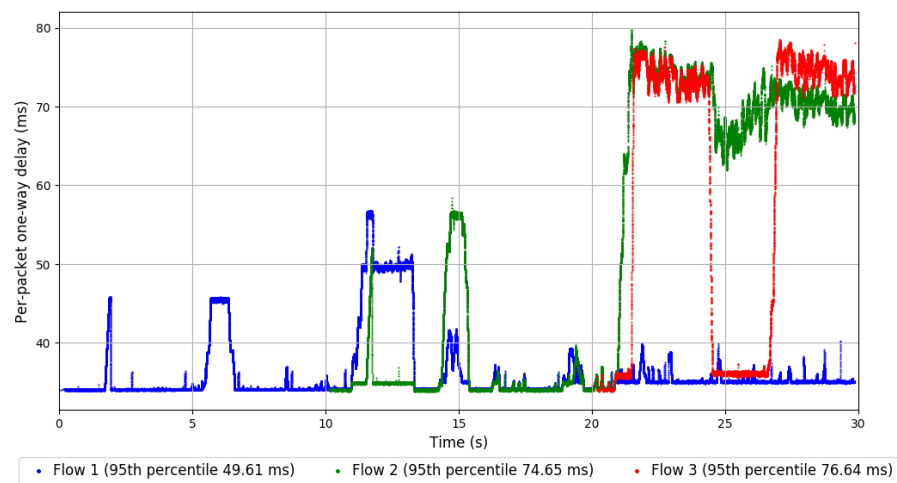
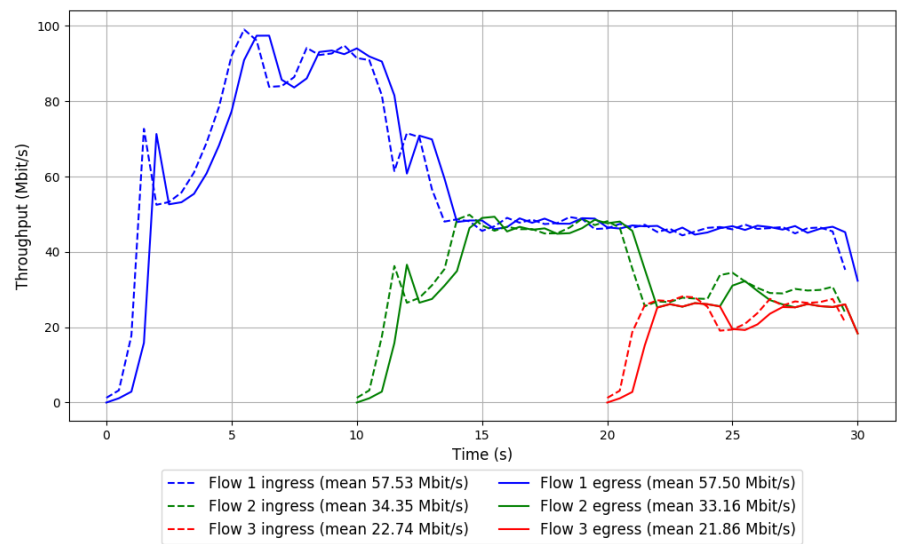
-- Flow 3:

Average throughput: 21.86 Mbit/s

95th percentile per-packet one-way delay: 76.643 ms

Loss rate: 4.56%

Run 7: Report of PCC-Vivace — Data Link

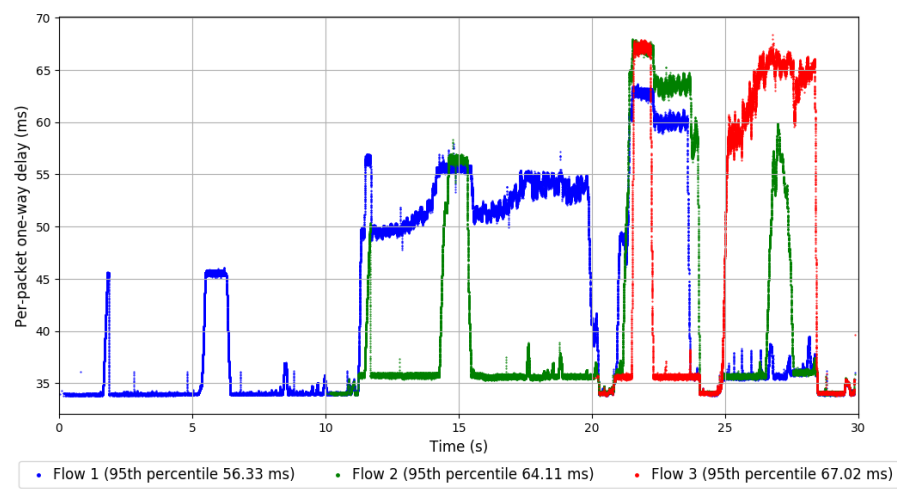
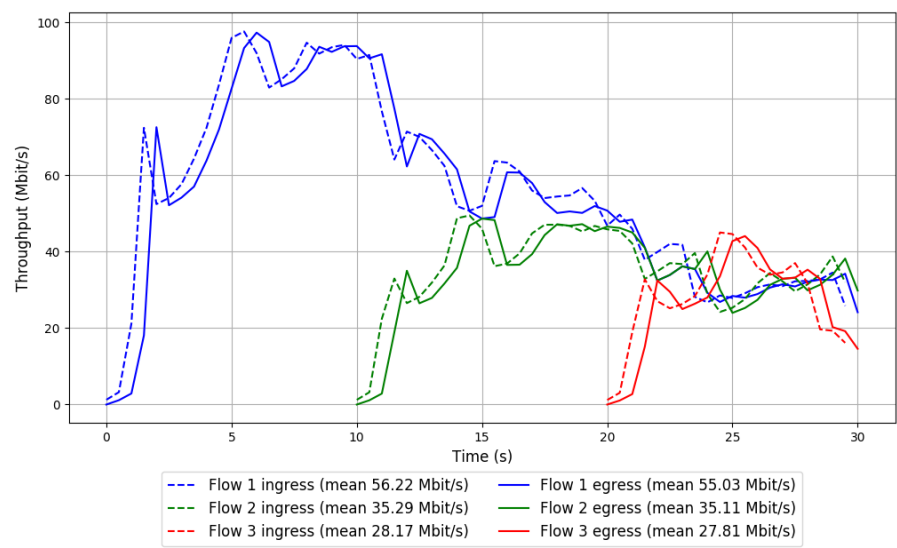


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-10 04:22:07
End at: 2018-08-10 04:22:37
Local clock offset: -0.171 ms
Remote clock offset: -1.704 ms

Below is generated by plot.py at 2018-08-10 05:42:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 63.802 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 56.331 ms
Loss rate: 2.34%
-- Flow 2:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 64.112 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 27.81 Mbit/s
95th percentile per-packet one-way delay: 67.016 ms
Loss rate: 1.89%

Run 8: Report of PCC-Vivace — Data Link

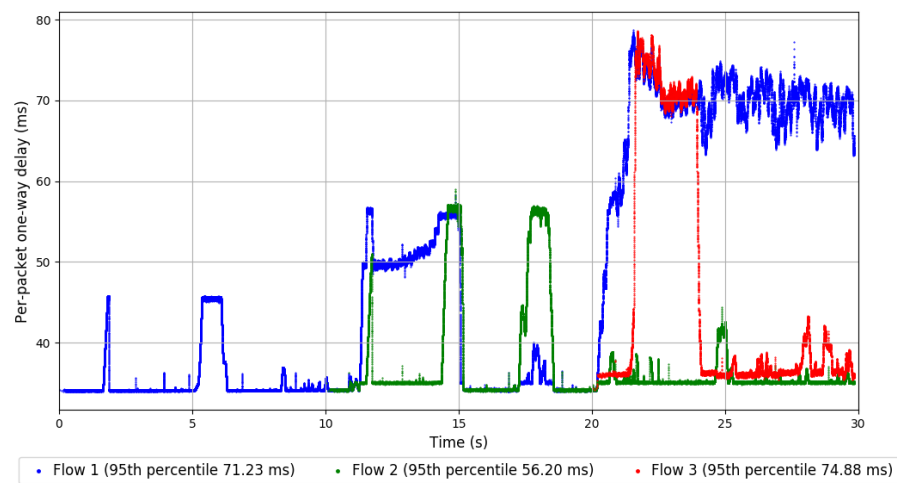
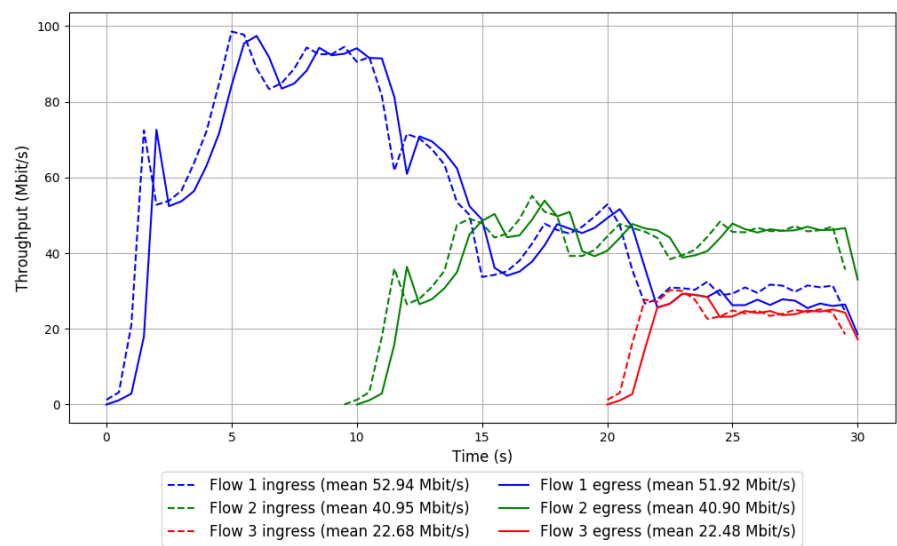


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-10 04:45:29
End at: 2018-08-10 04:45:59
Local clock offset: -0.218 ms
Remote clock offset: -1.883 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.50 Mbit/s
95th percentile per-packet one-way delay: 70.853 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 51.92 Mbit/s
95th percentile per-packet one-way delay: 71.233 ms
Loss rate: 2.16%
-- Flow 2:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 56.195 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 74.881 ms
Loss rate: 1.55%

Run 9: Report of PCC-Vivace — Data Link

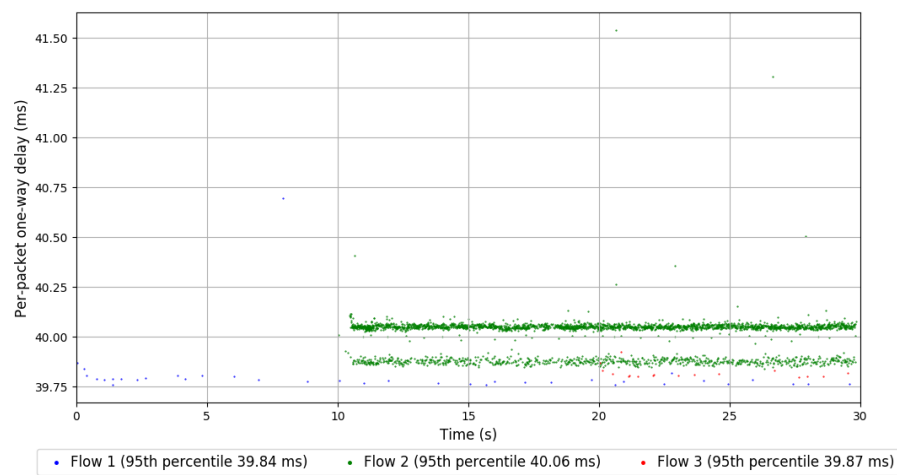
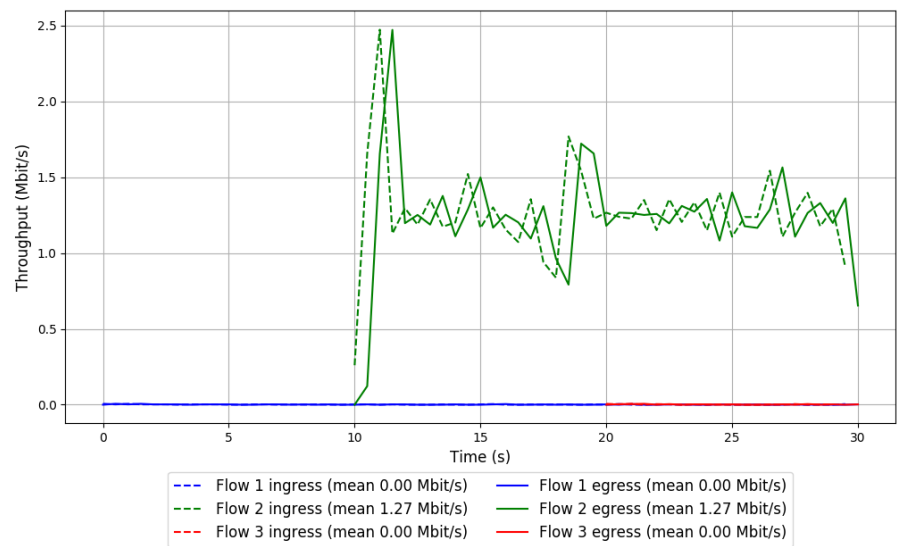


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-10 05:09:21
End at: 2018-08-10 05:09:51
Local clock offset: -0.397 ms
Remote clock offset: -0.475 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 40.065 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 39.840 ms
Loss rate: 2.67%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 40.065 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 39.866 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

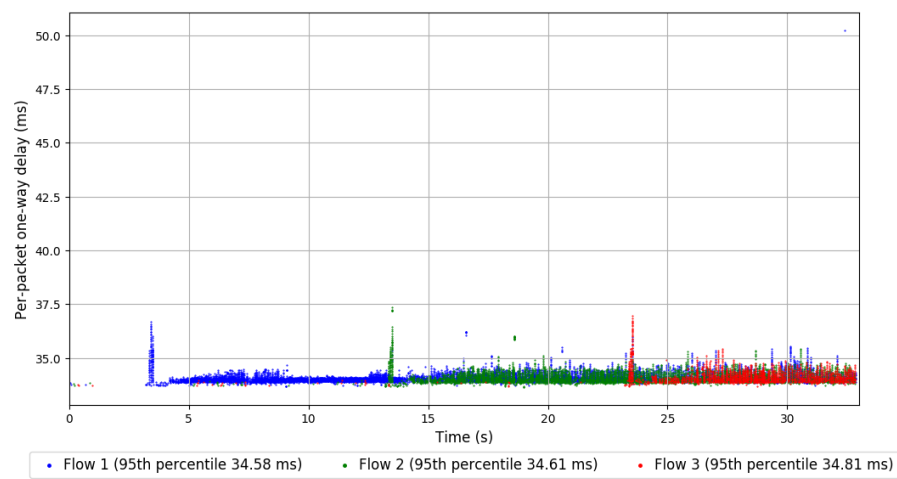
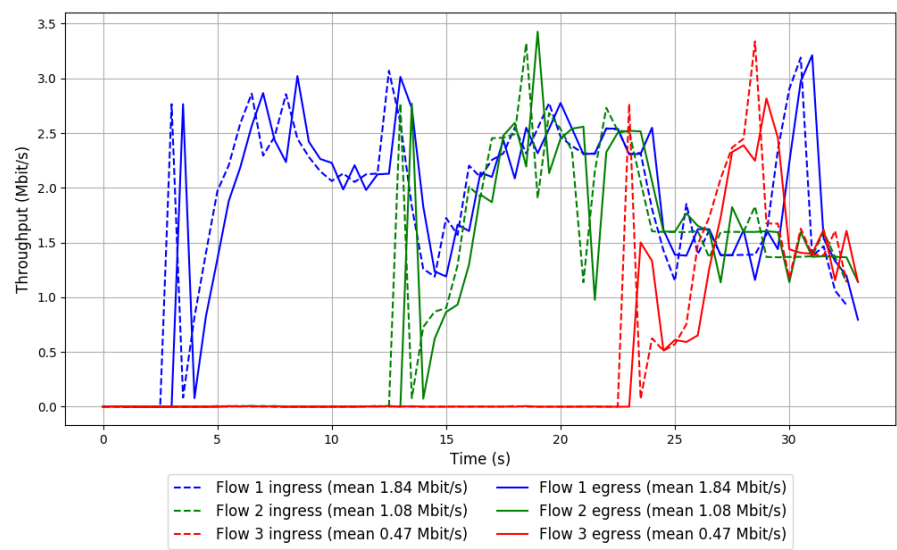


Run 1: Statistics of WebRTC media

Start at: 2018-08-10 01:28:36
End at: 2018-08-10 01:29:06
Local clock offset: -0.025 ms
Remote clock offset: -1.076 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 34.623 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 34.581 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 34.613 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 34.811 ms
Loss rate: 0.75%

Run 1: Report of WebRTC media — Data Link

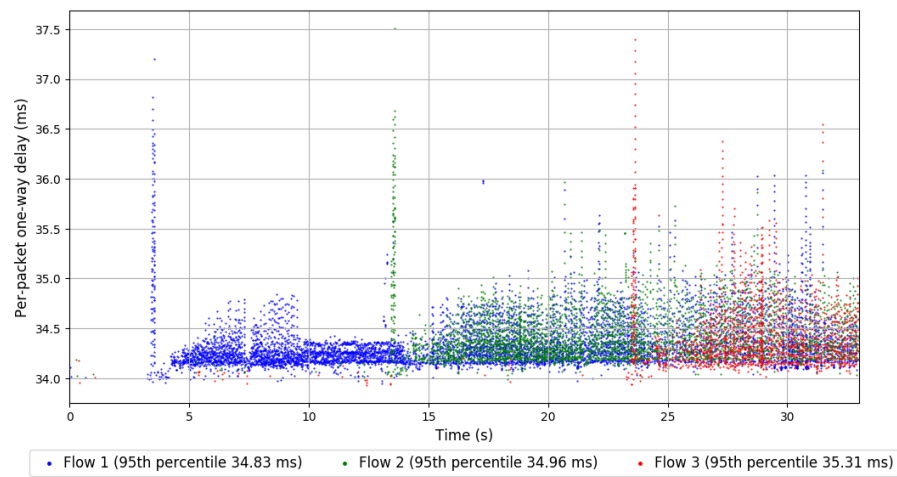
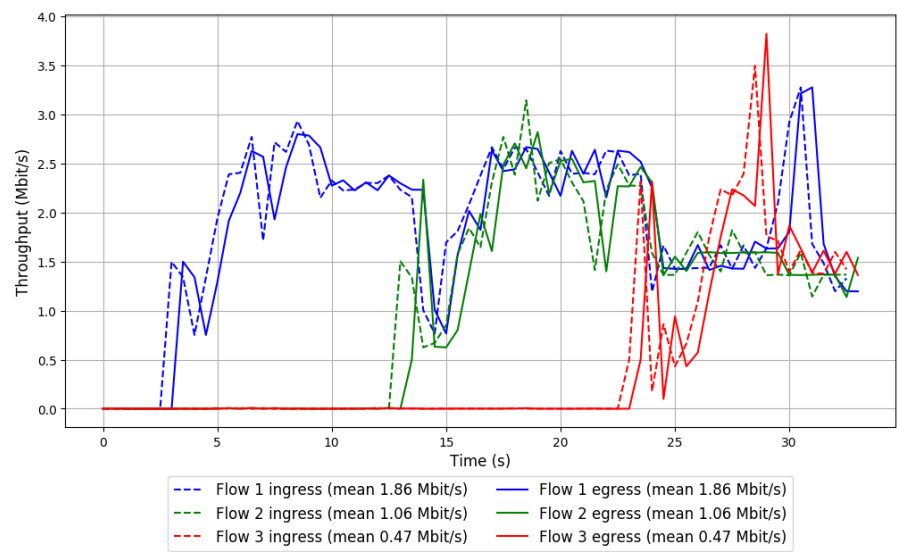


Run 2: Statistics of WebRTC media

Start at: 2018-08-10 01:52:08
End at: 2018-08-10 01:52:38
Local clock offset: -0.231 ms
Remote clock offset: -1.403 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 34.954 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 34.833 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 34.959 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 35.311 ms
Loss rate: 0.19%

Run 2: Report of WebRTC media — Data Link

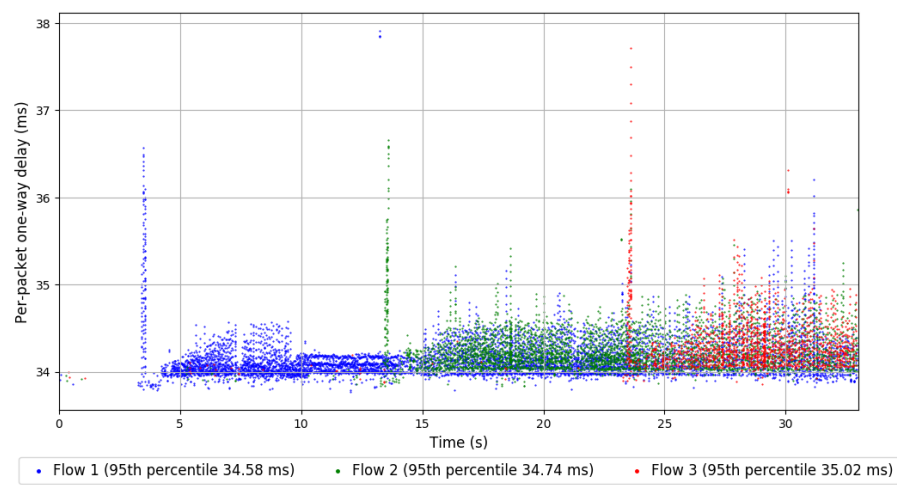
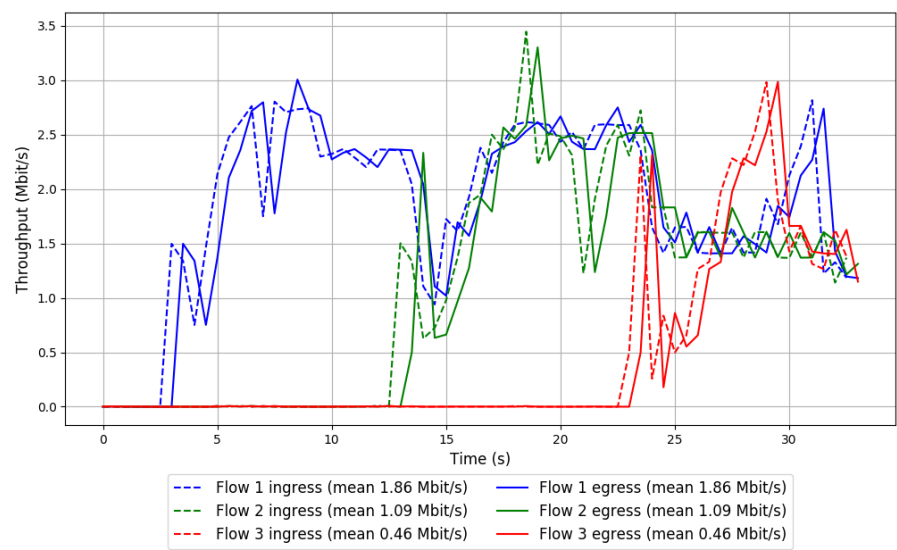


Run 3: Statistics of WebRTC media

Start at: 2018-08-10 02:15:01
End at: 2018-08-10 02:15:31
Local clock offset: -0.323 ms
Remote clock offset: -2.623 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 34.739 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 34.581 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 34.744 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 35.022 ms
Loss rate: 0.76%

Run 3: Report of WebRTC media — Data Link

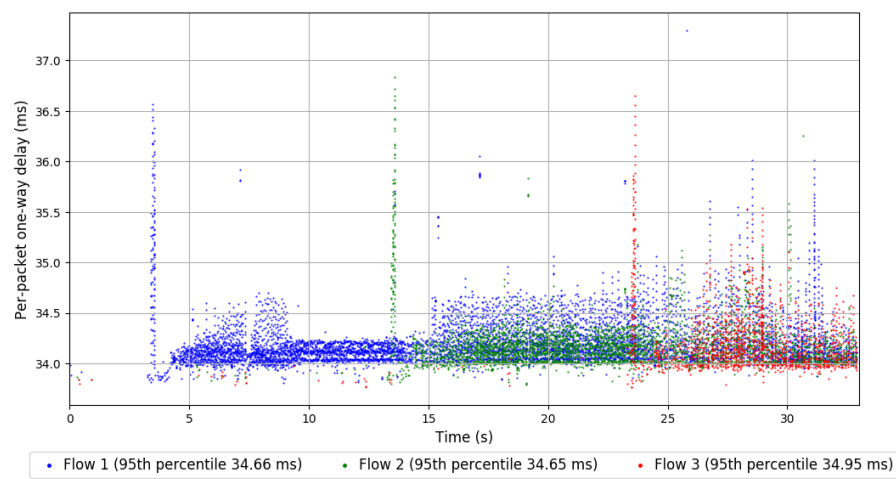
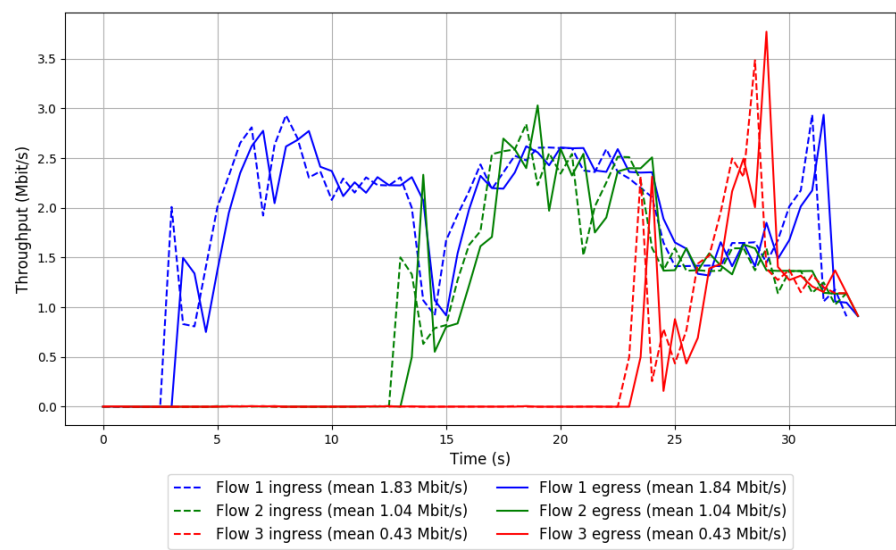


Run 4: Statistics of WebRTC media

Start at: 2018-08-10 02:38:02
End at: 2018-08-10 02:38:32
Local clock offset: -0.283 ms
Remote clock offset: -2.748 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 34.701 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 34.665 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.04 Mbit/s
95th percentile per-packet one-way delay: 34.647 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 34.953 ms
Loss rate: 0.80%

Run 4: Report of WebRTC media — Data Link

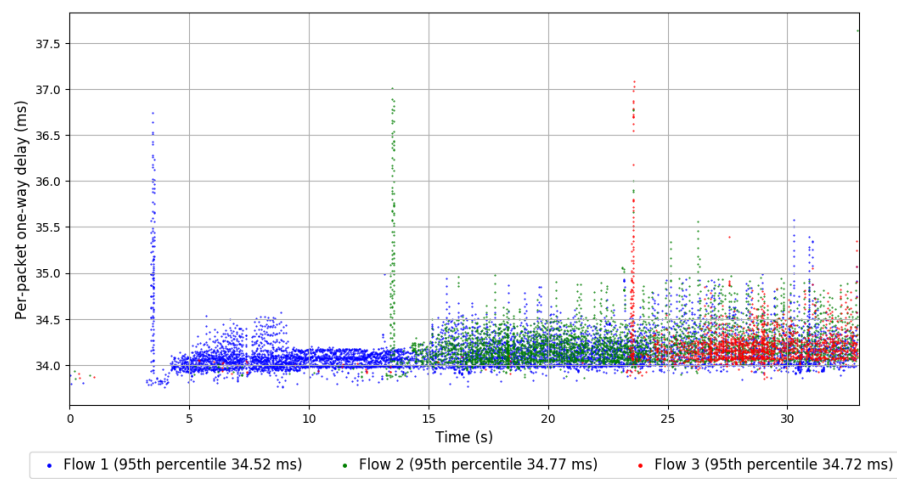
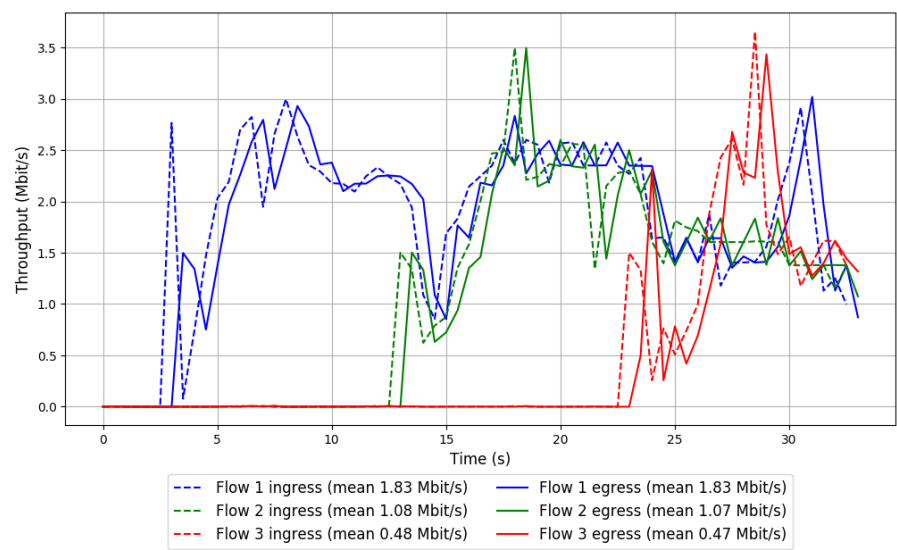


Run 5: Statistics of WebRTC media

Start at: 2018-08-10 03:01:01
End at: 2018-08-10 03:01:31
Local clock offset: -0.308 ms
Remote clock offset: -1.047 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.36 Mbit/s
95th percentile per-packet one-way delay: 34.644 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 34.523 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 34.767 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 34.720 ms
Loss rate: 0.74%

Run 5: Report of WebRTC media — Data Link

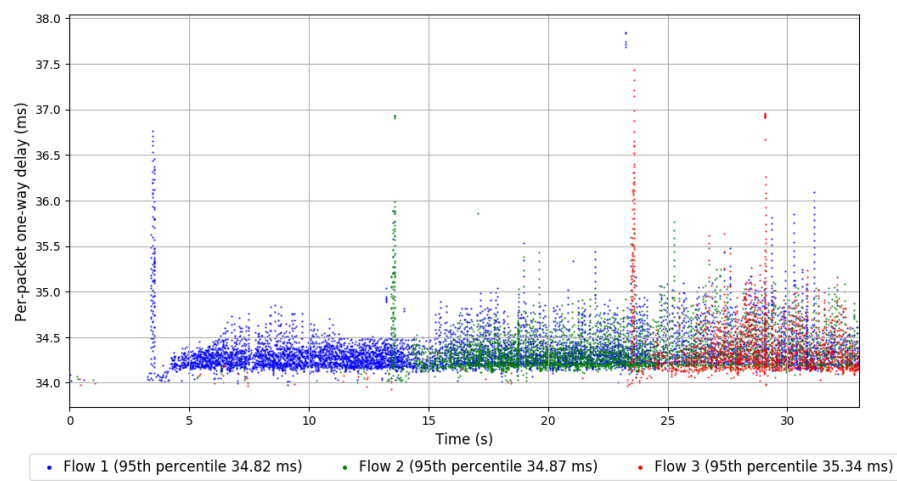
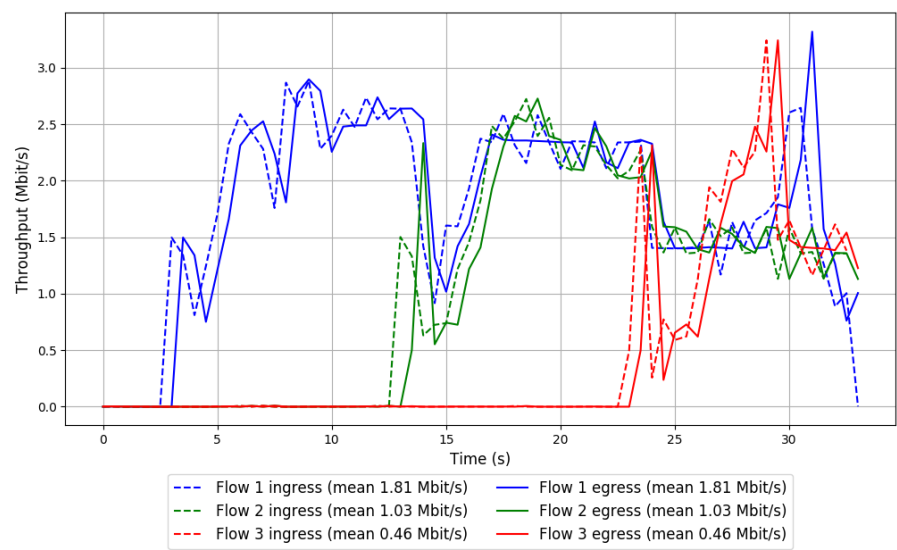


Run 6: Statistics of WebRTC media

Start at: 2018-08-10 03:24:16
End at: 2018-08-10 03:24:46
Local clock offset: -0.423 ms
Remote clock offset: -0.783 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.29 Mbit/s
95th percentile per-packet one-way delay: 34.894 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 34.821 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.03 Mbit/s
95th percentile per-packet one-way delay: 34.868 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 35.345 ms
Loss rate: 0.77%

Run 6: Report of WebRTC media — Data Link

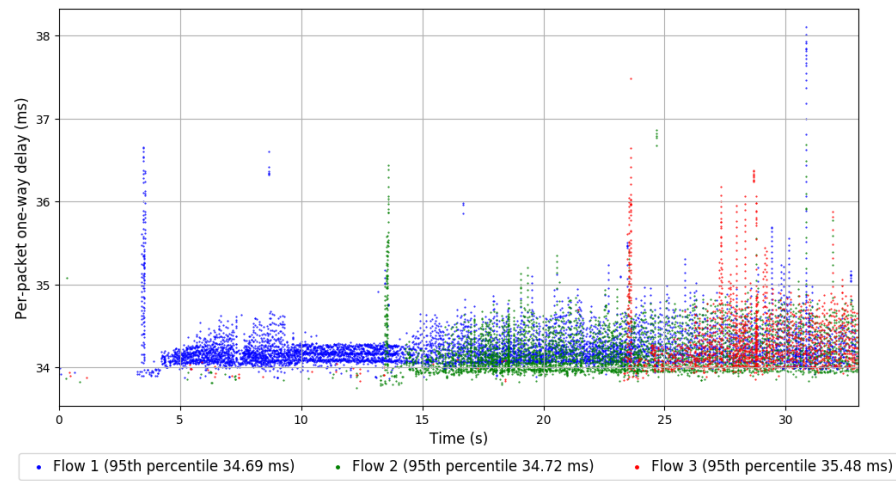
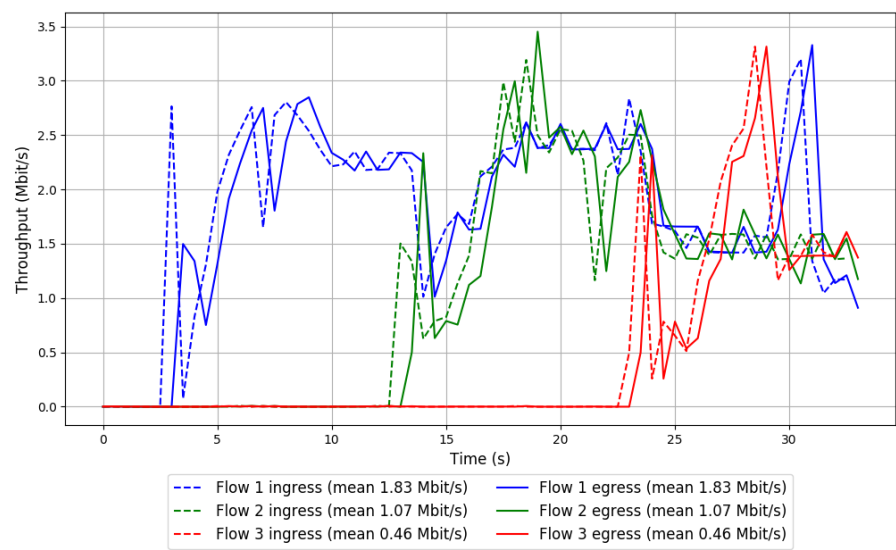


Run 7: Statistics of WebRTC media

Start at: 2018-08-10 03:47:52
End at: 2018-08-10 03:48:22
Local clock offset: -0.361 ms
Remote clock offset: -1.206 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.35 Mbit/s
95th percentile per-packet one-way delay: 34.810 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 34.694 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 34.722 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 35.478 ms
Loss rate: 0.75%

Run 7: Report of WebRTC media — Data Link

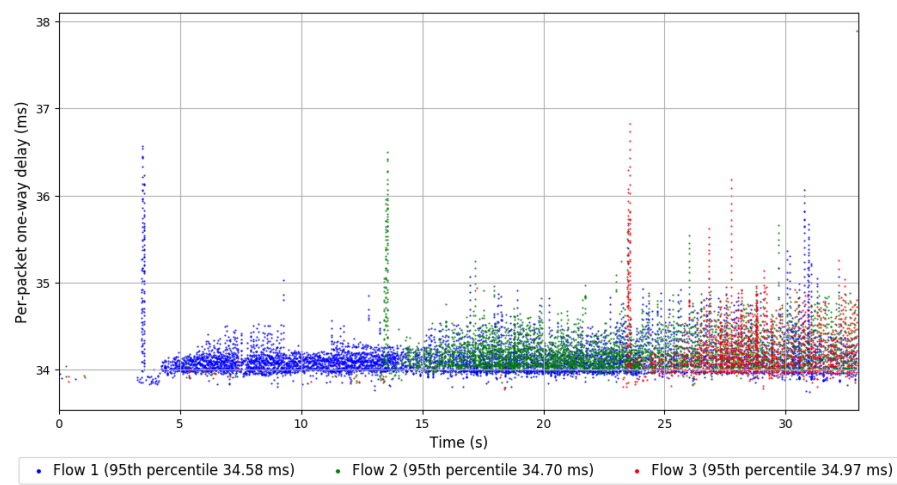
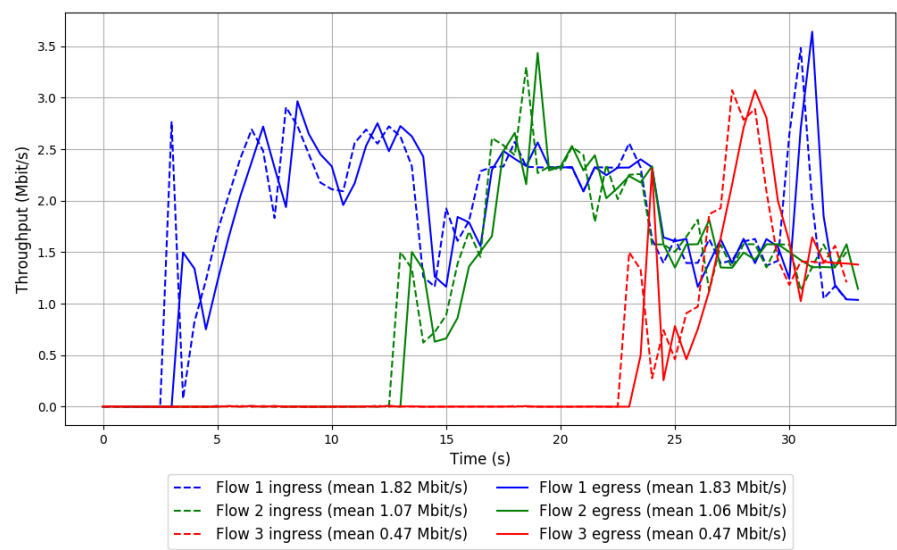


Run 8: Statistics of WebRTC media

Start at: 2018-08-10 04:11:12
End at: 2018-08-10 04:11:42
Local clock offset: -0.163 ms
Remote clock offset: -1.041 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.34 Mbit/s
95th percentile per-packet one-way delay: 34.709 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 34.577 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 34.704 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 34.972 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

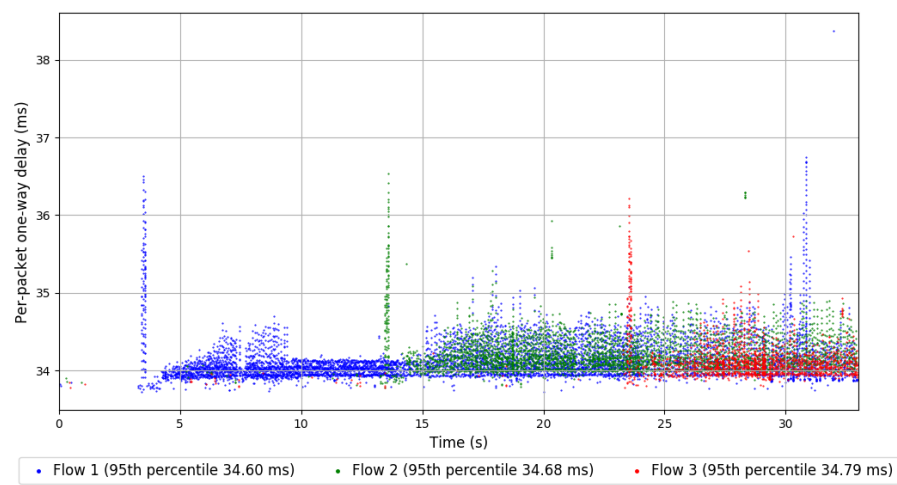
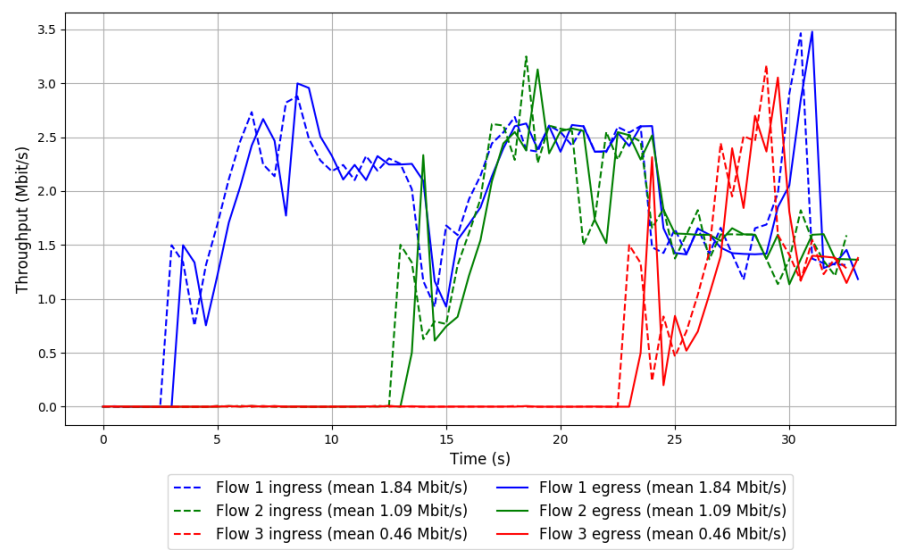


Run 9: Statistics of WebRTC media

Start at: 2018-08-10 04:34:35
End at: 2018-08-10 04:35:05
Local clock offset: -0.305 ms
Remote clock offset: -1.799 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 34.654 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 34.601 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 34.677 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 34.788 ms
Loss rate: 0.45%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-10 04:57:46
End at: 2018-08-10 04:58:16
Local clock offset: -0.27 ms
Remote clock offset: -1.745 ms

Below is generated by plot.py at 2018-08-10 05:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 34.942 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 34.934 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 34.953 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 35.032 ms
Loss rate: 0.94%

Run 10: Report of WebRTC media — Data Link

