

Pantheon Report

Generated at 2018-08-09 12:57:35 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

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

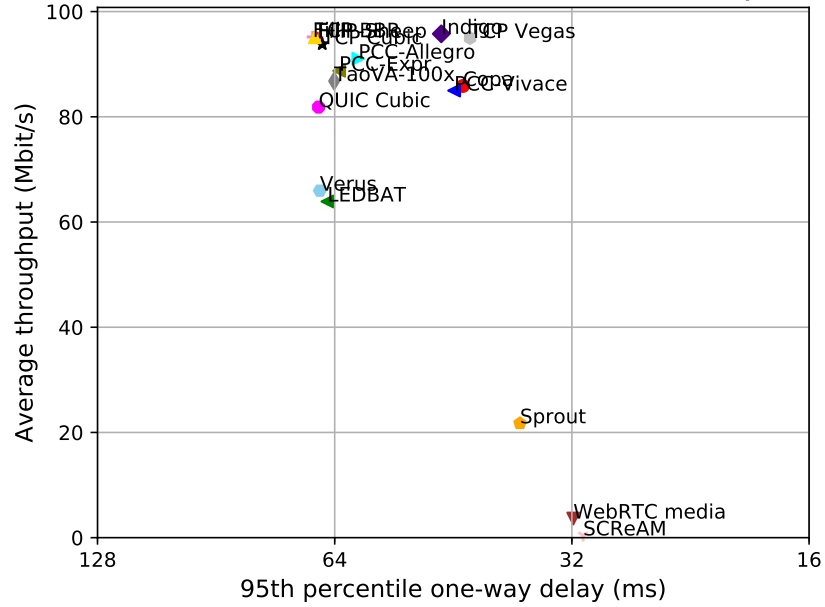
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

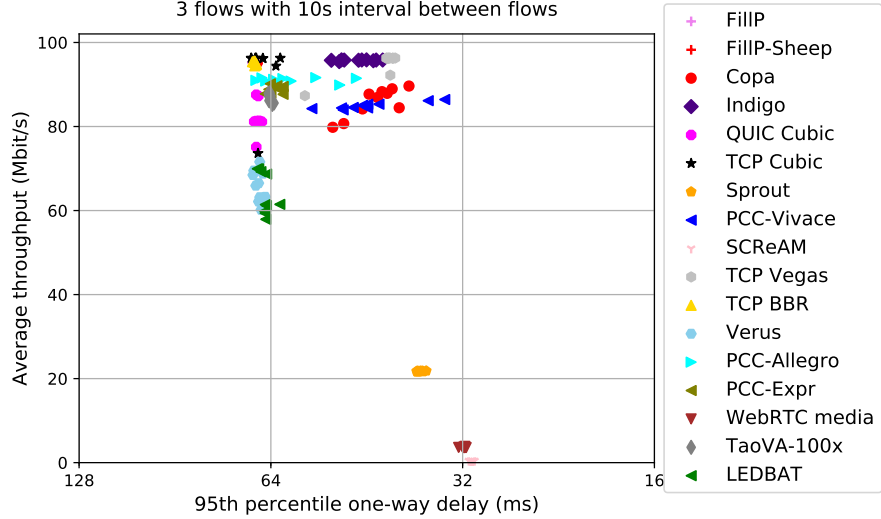
Git summary:

```
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 AWS California 2 to Mexico, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS California 2 to Mexico, 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	62.73	34.27	29.41	67.15	68.60	68.65	7.83	10.66	11.71
Copa	10	57.31	34.02	17.70	47.05	38.74	40.09	0.75	0.06	0.03
TCP Cubic	10	65.96	30.02	23.70	66.03	66.92	66.20	0.67	0.64	0.80
FillP	10	61.53	36.59	28.28	67.90	68.68	68.75	23.12	30.44	37.02
FillP-Sheep	10	58.49	40.13	30.17	65.97	68.41	68.53	14.13	25.67	30.09
Indigo	10	66.62	28.20	32.00	44.14	49.59	51.84	0.02	0.00	0.02
LEDBAT	10	39.40	27.45	18.92	64.86	66.47	58.98	0.18	0.12	0.16
PCC-Allegro	10	81.86	10.00	7.66	59.32	61.74	58.78	2.48	2.76	2.42
PCC-Expr	10	68.24	24.22	13.33	62.26	64.80	65.64	1.48	1.03	1.01
QUIC Cubic	10	59.98	26.04	13.90	66.89	67.30	67.60	2.80	0.98	0.97
SCReAM	10	0.21	0.21	0.22	30.95	30.95	30.95	0.00	0.00	0.00
Sprout	10	11.00	10.92	10.54	37.17	37.23	37.48	0.02	0.01	0.02
TaoVA-100x	10	51.25	38.72	29.39	61.57	65.26	66.59	13.25	23.22	19.42
TCP Vegas	10	72.46	24.06	19.60	43.40	41.16	39.25	0.34	0.02	0.00
Verus	10	40.33	28.49	23.56	66.51	66.30	69.23	32.58	34.41	40.23
PCC-Vivace	10	63.80	25.71	12.38	44.72	46.08	42.92	0.06	0.11	0.11
WebRTC media	10	1.94	1.27	0.43	31.59	31.98	32.98	0.00	0.00	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-08-09 08:58:44

End at: 2018-08-09 08:59:14

Local clock offset: -0.738 ms

Remote clock offset: -1.9 ms

Below is generated by plot.py at 2018-08-09 12:34:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.42 Mbit/s

95th percentile per-packet one-way delay: 68.396 ms

Loss rate: 8.50%

-- Flow 1:

Average throughput: 65.95 Mbit/s

95th percentile per-packet one-way delay: 67.723 ms

Loss rate: 7.46%

-- Flow 2:

Average throughput: 31.67 Mbit/s

95th percentile per-packet one-way delay: 69.050 ms

Loss rate: 9.97%

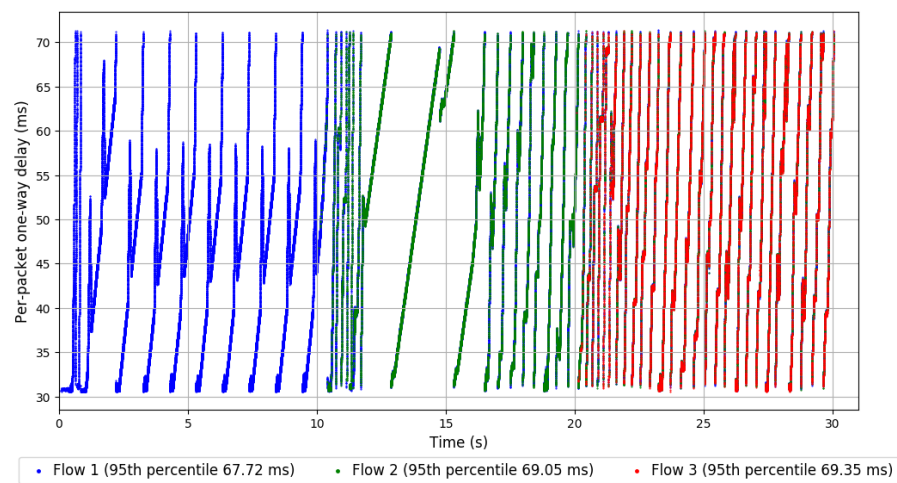
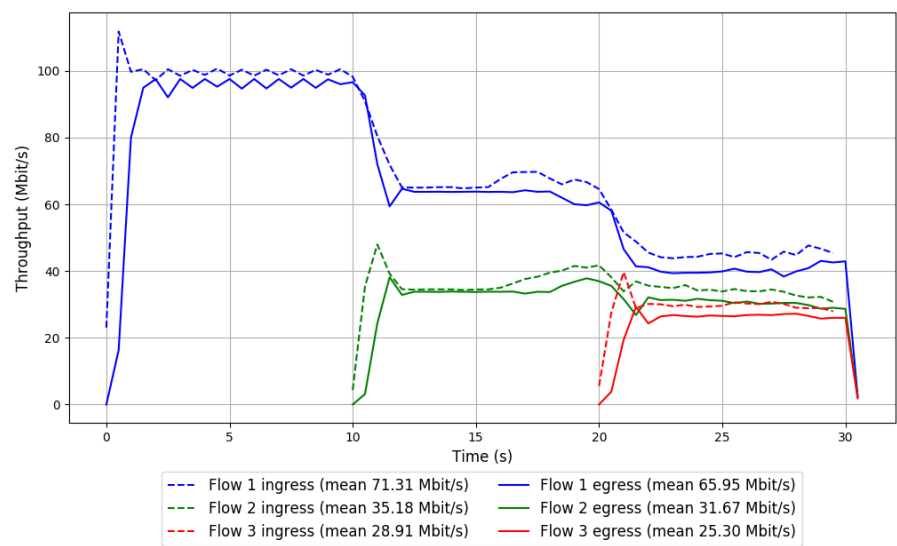
-- Flow 3:

Average throughput: 25.30 Mbit/s

95th percentile per-packet one-way delay: 69.350 ms

Loss rate: 12.60%

Run 1: Report of TCP BBR — Data Link

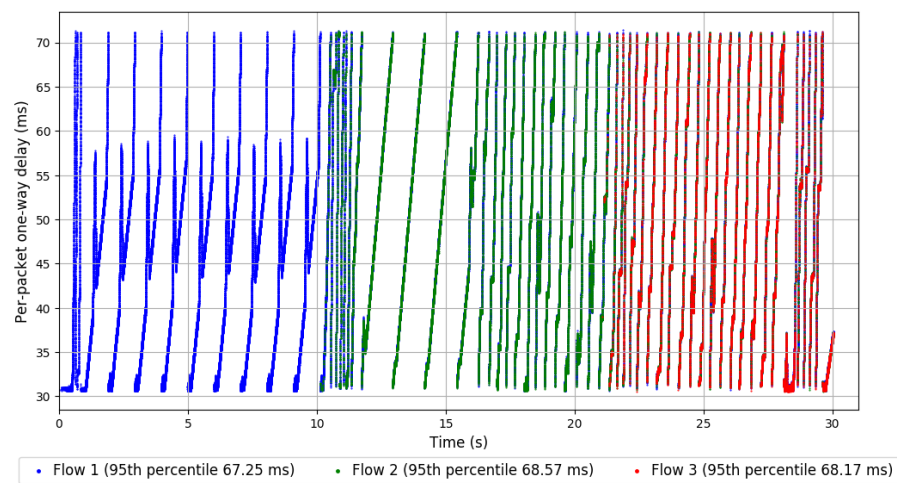
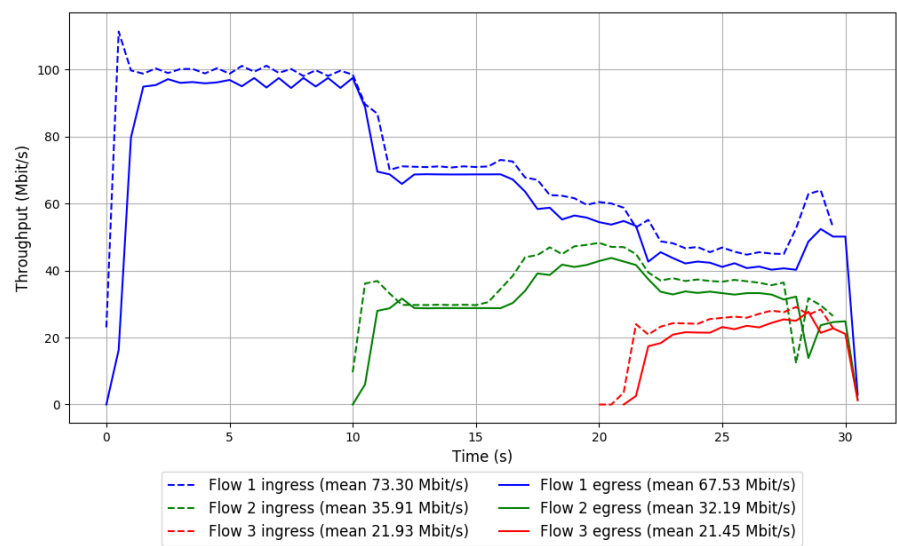


Run 2: Statistics of TCP BBR

Start at: 2018-08-09 09:21:37
End at: 2018-08-09 09:22:07
Local clock offset: 0.988 ms
Remote clock offset: -1.512 ms

Below is generated by plot.py at 2018-08-09 12:34:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 67.747 ms
Loss rate: 8.74%
-- Flow 1:
Average throughput: 67.53 Mbit/s
95th percentile per-packet one-way delay: 67.255 ms
Loss rate: 7.85%
-- Flow 2:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 68.567 ms
Loss rate: 10.46%
-- Flow 3:
Average throughput: 21.45 Mbit/s
95th percentile per-packet one-way delay: 68.175 ms
Loss rate: 12.07%

Run 2: Report of TCP BBR — Data Link

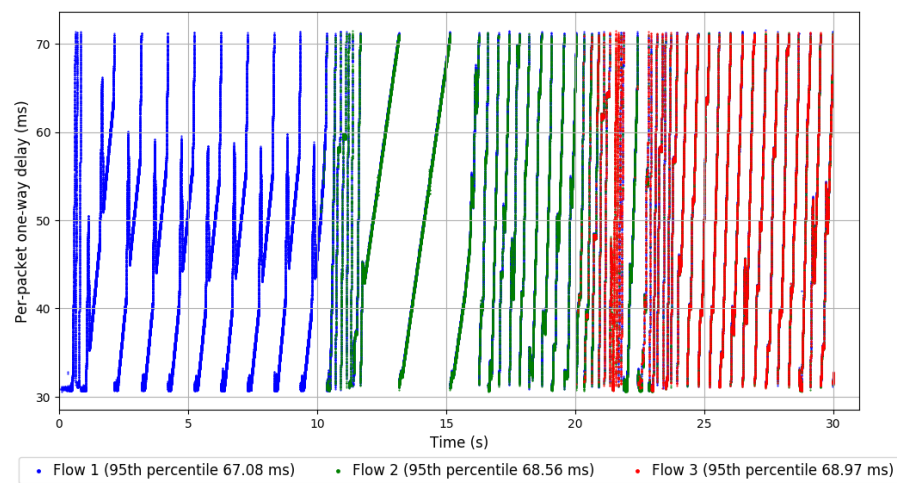
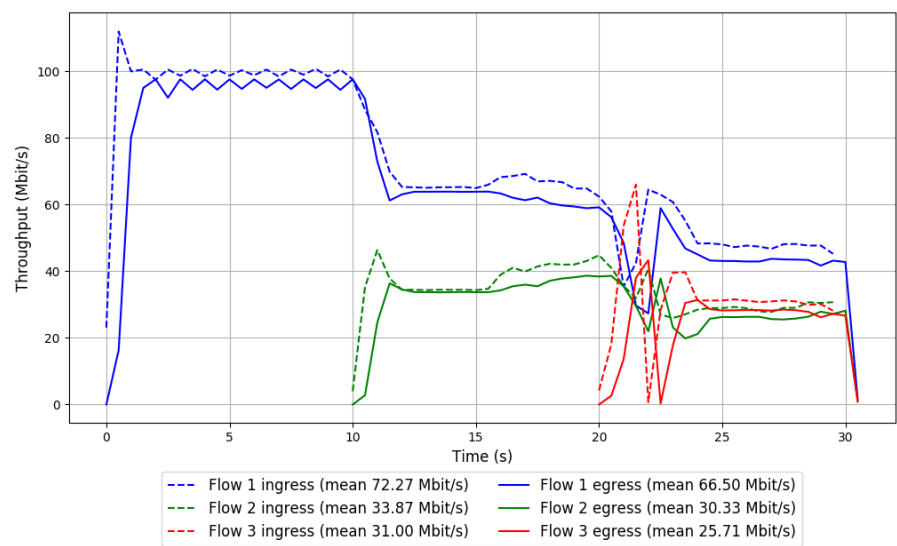


Run 3: Statistics of TCP BBR

Start at: 2018-08-09 09:44:25
End at: 2018-08-09 09:44:55
Local clock offset: 1.292 ms
Remote clock offset: -0.178 ms

Below is generated by plot.py at 2018-08-09 12:34:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 67.781 ms
Loss rate: 9.40%
-- Flow 1:
Average throughput: 66.50 Mbit/s
95th percentile per-packet one-way delay: 67.082 ms
Loss rate: 7.97%
-- Flow 2:
Average throughput: 30.33 Mbit/s
95th percentile per-packet one-way delay: 68.560 ms
Loss rate: 10.50%
-- Flow 3:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 68.975 ms
Loss rate: 17.03%

Run 3: Report of TCP BBR — Data Link

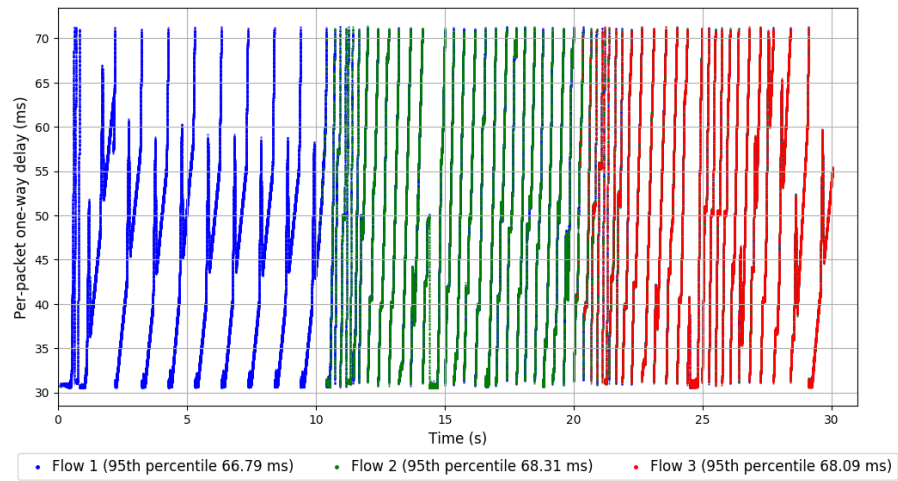
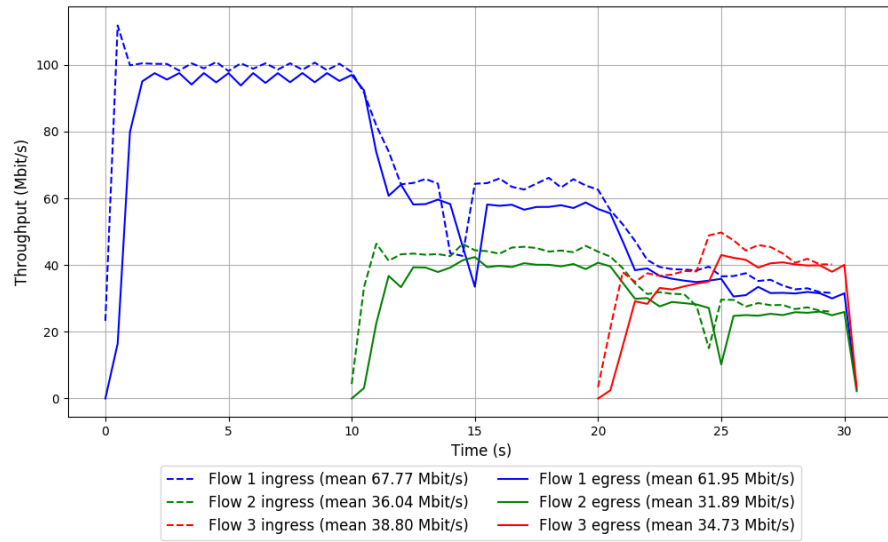


Run 4: Statistics of TCP BBR

Start at: 2018-08-09 10:07:19
End at: 2018-08-09 10:07:49
Local clock offset: -2.721 ms
Remote clock offset: -0.475 ms

Below is generated by plot.py at 2018-08-09 12:34:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.74 Mbit/s
95th percentile per-packet one-way delay: 67.486 ms
Loss rate: 9.41%
-- Flow 1:
Average throughput: 61.95 Mbit/s
95th percentile per-packet one-way delay: 66.789 ms
Loss rate: 8.50%
-- Flow 2:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 68.310 ms
Loss rate: 11.47%
-- Flow 3:
Average throughput: 34.73 Mbit/s
95th percentile per-packet one-way delay: 68.093 ms
Loss rate: 10.36%

Run 4: Report of TCP BBR — Data Link

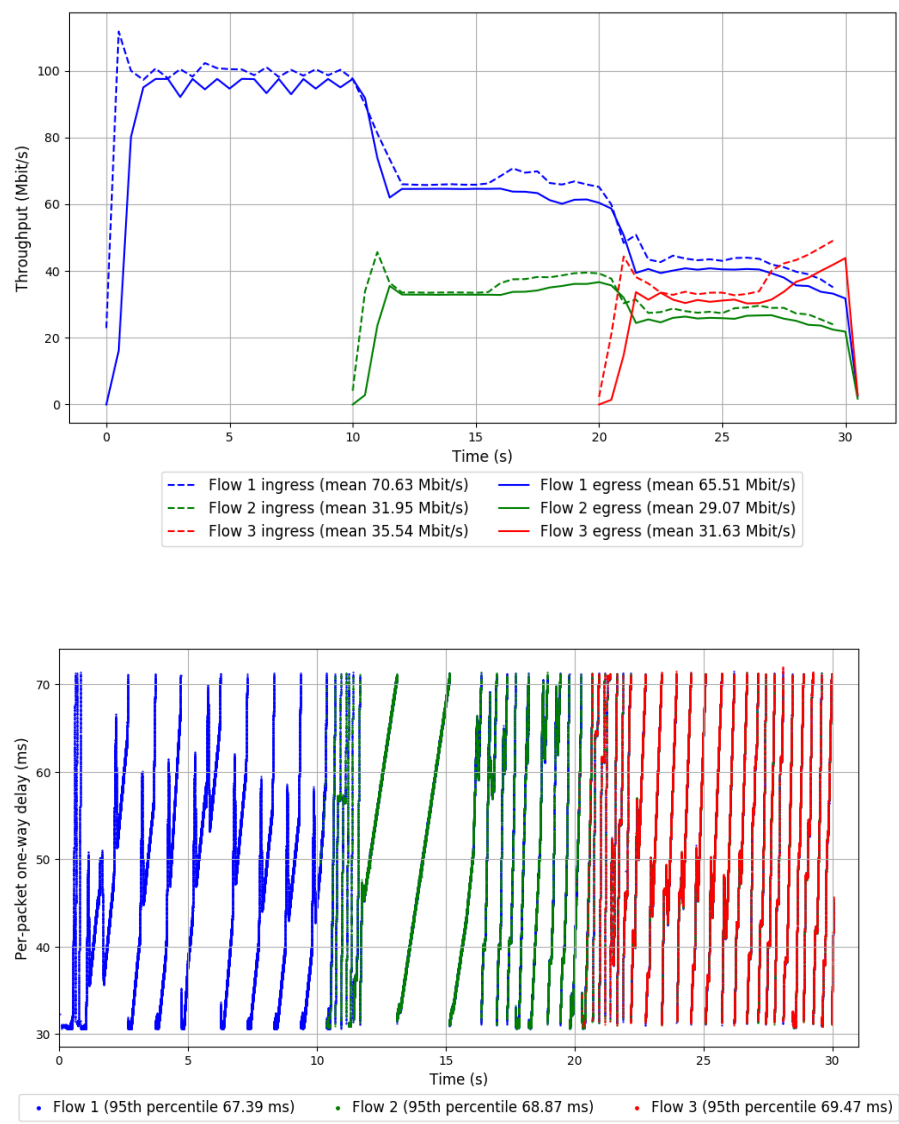


Run 5: Statistics of TCP BBR

Start at: 2018-08-09 10:30:14
End at: 2018-08-09 10:30:44
Local clock offset: -0.158 ms
Remote clock offset: -1.073 ms

Below is generated by plot.py at 2018-08-09 12:34:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 68.049 ms
Loss rate: 8.01%
-- Flow 1:
Average throughput: 65.51 Mbit/s
95th percentile per-packet one-way delay: 67.390 ms
Loss rate: 7.21%
-- Flow 2:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 68.867 ms
Loss rate: 9.01%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 69.465 ms
Loss rate: 11.03%

Run 5: Report of TCP BBR — Data Link

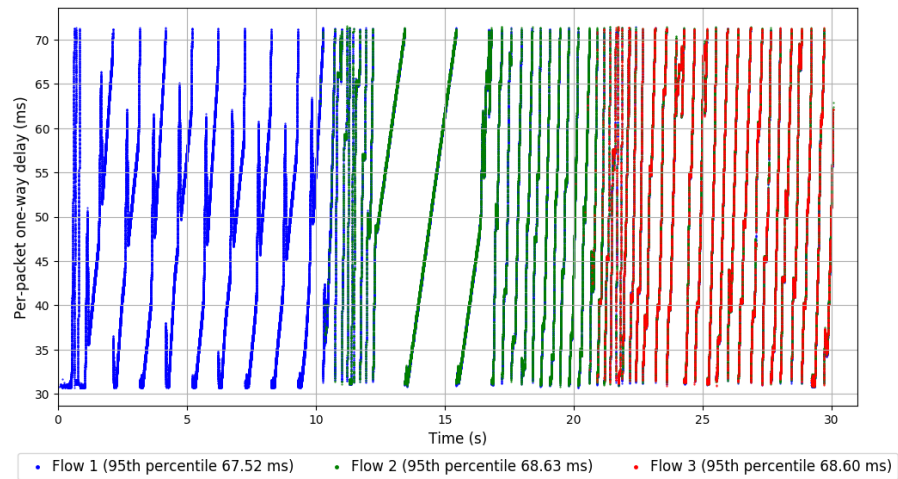
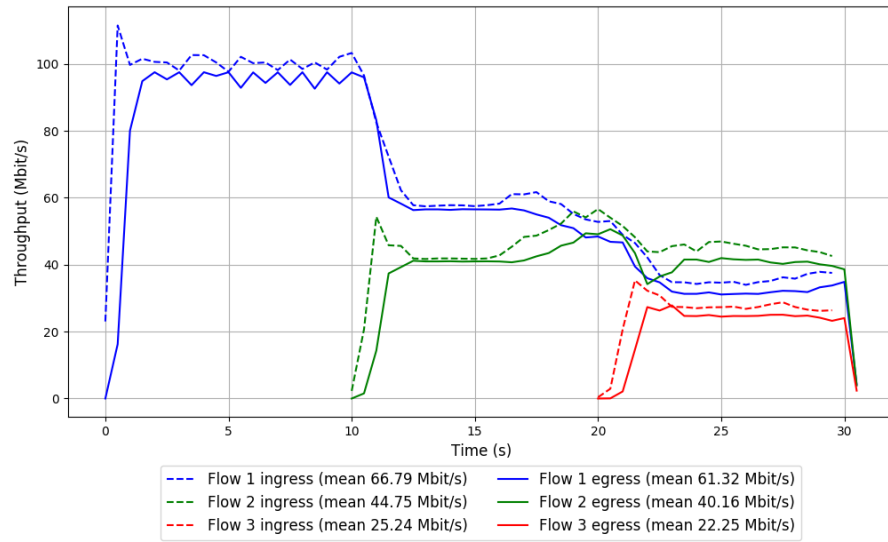


Run 6: Statistics of TCP BBR

Start at: 2018-08-09 10:53:08
End at: 2018-08-09 10:53:38
Local clock offset: 0.496 ms
Remote clock offset: -0.486 ms

Below is generated by plot.py at 2018-08-09 12:34:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 68.019 ms
Loss rate: 8.99%
-- Flow 1:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 67.515 ms
Loss rate: 8.09%
-- Flow 2:
Average throughput: 40.16 Mbit/s
95th percentile per-packet one-way delay: 68.632 ms
Loss rate: 10.23%
-- Flow 3:
Average throughput: 22.25 Mbit/s
95th percentile per-packet one-way delay: 68.604 ms
Loss rate: 11.78%

Run 6: Report of TCP BBR — Data Link

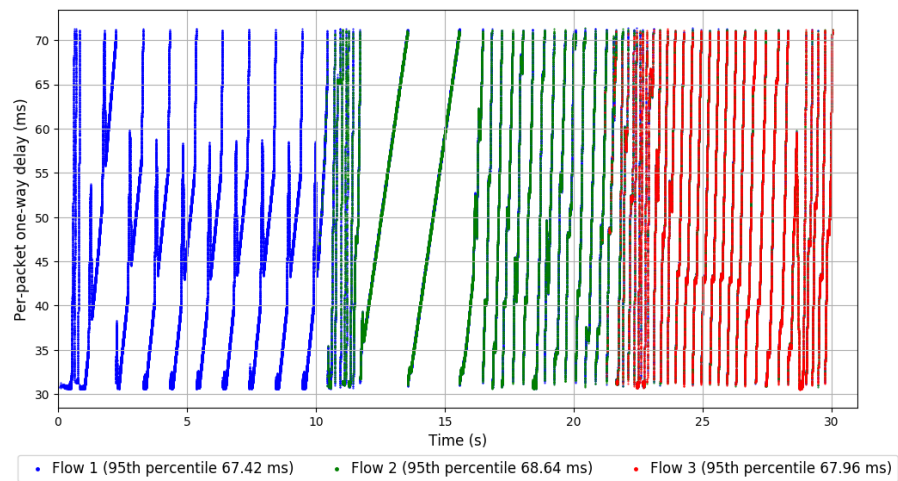
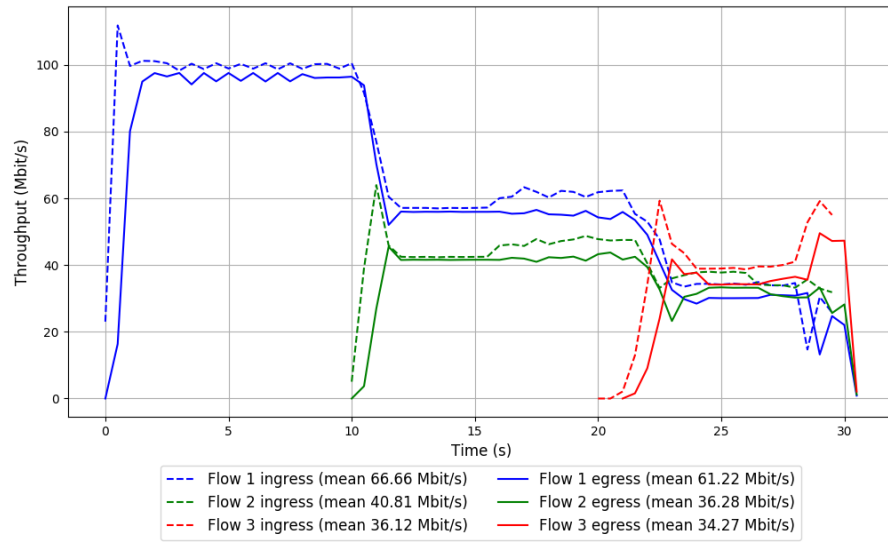


Run 7: Statistics of TCP BBR

Start at: 2018-08-09 11:16:02
End at: 2018-08-09 11:16:32
Local clock offset: 0.793 ms
Remote clock offset: -0.369 ms

Below is generated by plot.py at 2018-08-09 12:34:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 67.864 ms
Loss rate: 9.70%
-- Flow 1:
Average throughput: 61.22 Mbit/s
95th percentile per-packet one-way delay: 67.416 ms
Loss rate: 8.15%
-- Flow 2:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 68.635 ms
Loss rate: 11.14%
-- Flow 3:
Average throughput: 34.27 Mbit/s
95th percentile per-packet one-way delay: 67.962 ms
Loss rate: 15.05%

Run 7: Report of TCP BBR — Data Link

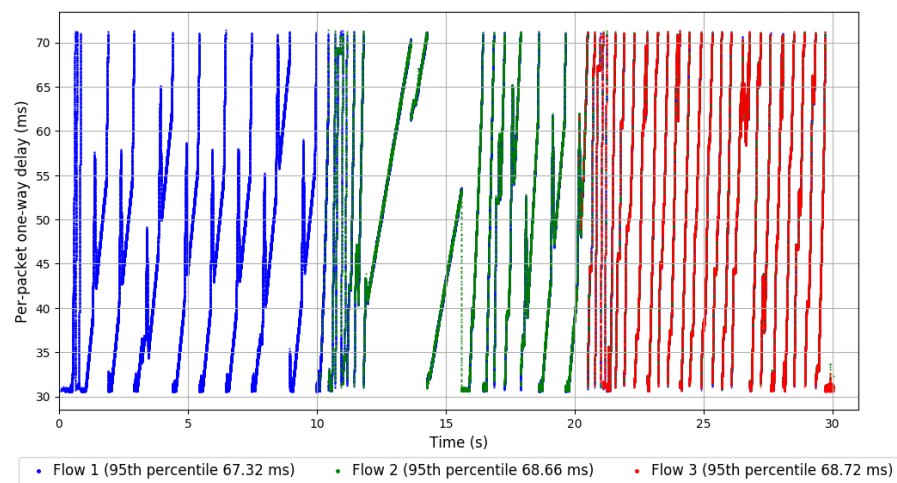
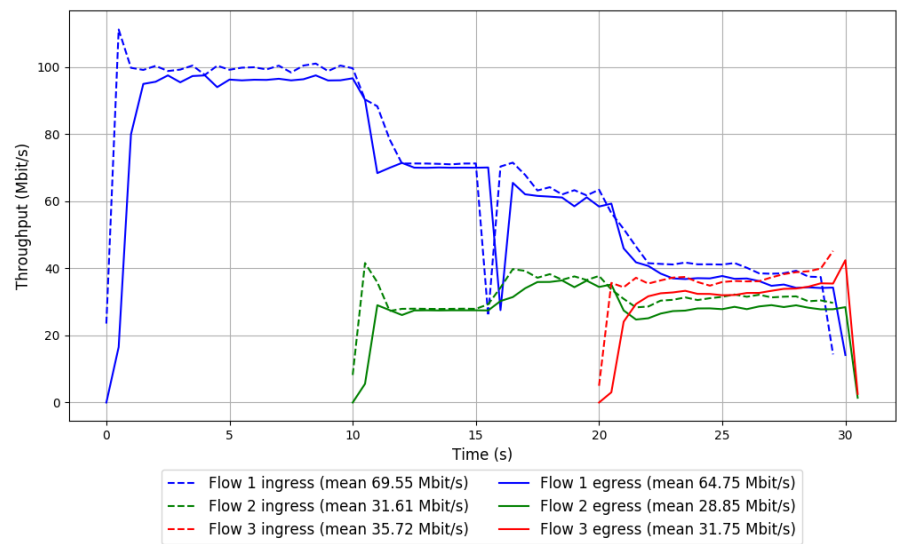


Run 8: Statistics of TCP BBR

Start at: 2018-08-09 11:38:58
End at: 2018-08-09 11:39:28
Local clock offset: 0.333 ms
Remote clock offset: -0.801 ms

Below is generated by plot.py at 2018-08-09 12:34:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 67.831 ms
Loss rate: 7.78%
-- Flow 1:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 67.321 ms
Loss rate: 6.90%
-- Flow 2:
Average throughput: 28.85 Mbit/s
95th percentile per-packet one-way delay: 68.664 ms
Loss rate: 8.73%
-- Flow 3:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 68.717 ms
Loss rate: 11.21%

Run 8: Report of TCP BBR — Data Link

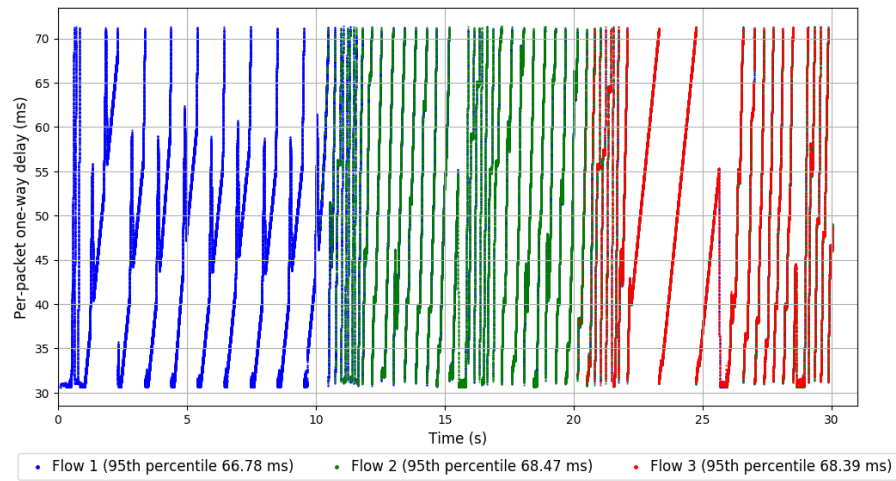
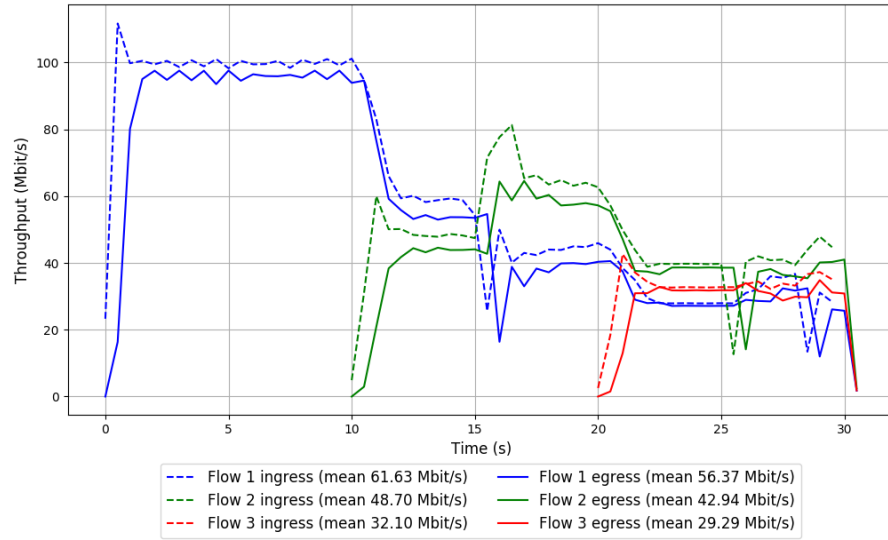


Run 9: Statistics of TCP BBR

Start at: 2018-08-09 12:02:10
End at: 2018-08-09 12:02:40
Local clock offset: 0.272 ms
Remote clock offset: -0.531 ms

Below is generated by plot.py at 2018-08-09 12:35:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.67 Mbit/s
95th percentile per-packet one-way delay: 67.570 ms
Loss rate: 9.57%
-- Flow 1:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 66.775 ms
Loss rate: 8.48%
-- Flow 2:
Average throughput: 42.94 Mbit/s
95th percentile per-packet one-way delay: 68.473 ms
Loss rate: 11.85%
-- Flow 3:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 68.391 ms
Loss rate: 8.90%

Run 9: Report of TCP BBR — Data Link

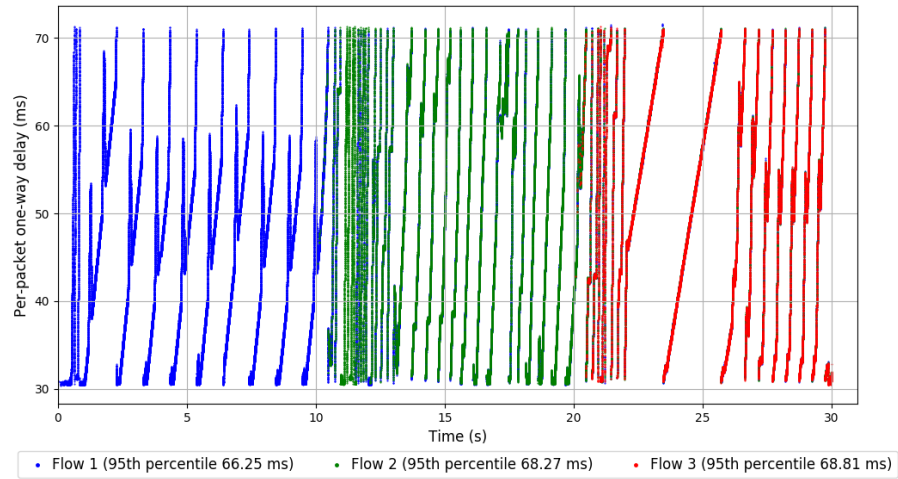
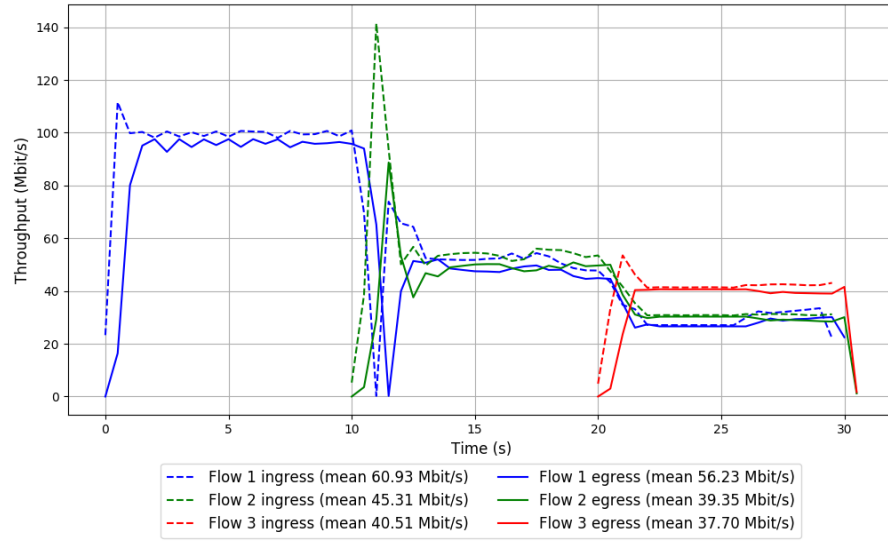


Run 10: Statistics of TCP BBR

Start at: 2018-08-09 12:25:10
End at: 2018-08-09 12:25:40
Local clock offset: 0.333 ms
Remote clock offset: -0.775 ms

Below is generated by plot.py at 2018-08-09 12:35:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 67.431 ms
Loss rate: 9.21%
-- Flow 1:
Average throughput: 56.23 Mbit/s
95th percentile per-packet one-way delay: 66.249 ms
Loss rate: 7.70%
-- Flow 2:
Average throughput: 39.35 Mbit/s
95th percentile per-packet one-way delay: 68.268 ms
Loss rate: 13.22%
-- Flow 3:
Average throughput: 37.70 Mbit/s
95th percentile per-packet one-way delay: 68.809 ms
Loss rate: 7.05%

Run 10: Report of TCP BBR — Data Link

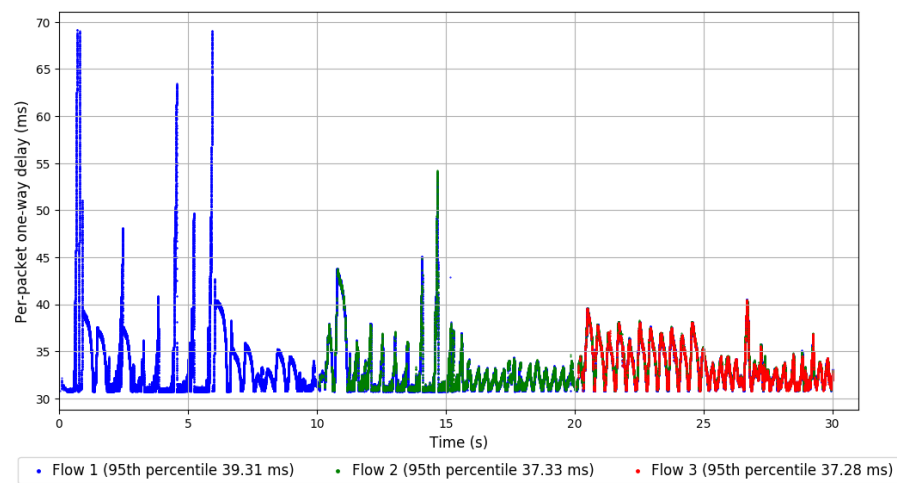
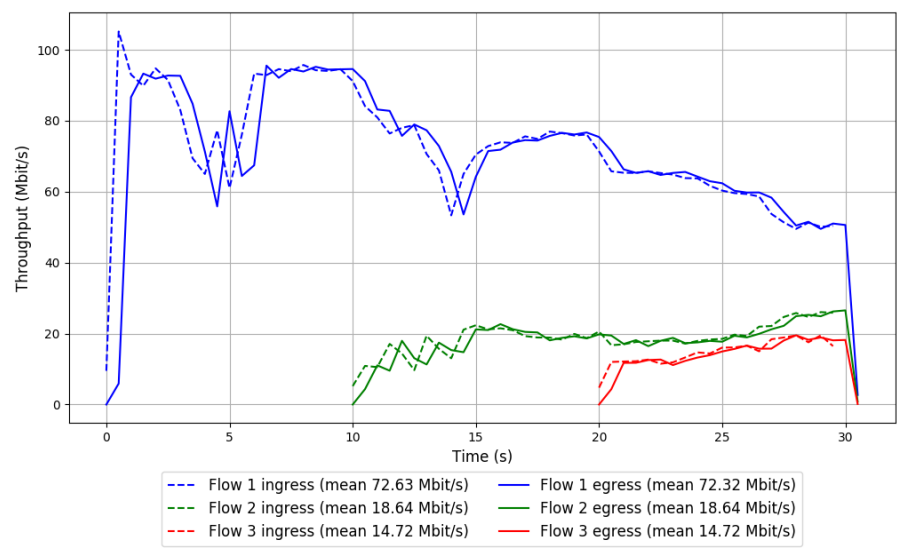


Run 1: Statistics of Copa

Start at: 2018-08-09 09:02:48
End at: 2018-08-09 09:03:18
Local clock offset: -0.106 ms
Remote clock offset: -1.712 ms

Below is generated by plot.py at 2018-08-09 12:36:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.63 Mbit/s
95th percentile per-packet one-way delay: 38.850 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 72.32 Mbit/s
95th percentile per-packet one-way delay: 39.306 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 18.64 Mbit/s
95th percentile per-packet one-way delay: 37.331 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 37.278 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

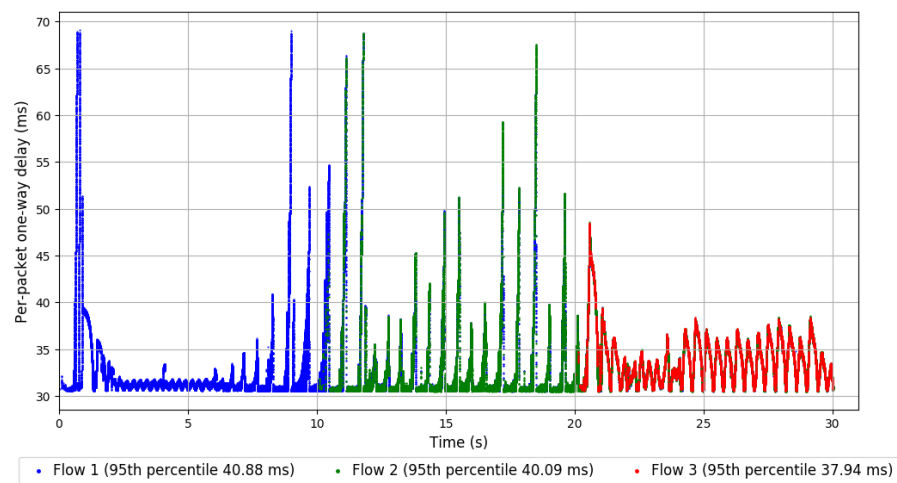
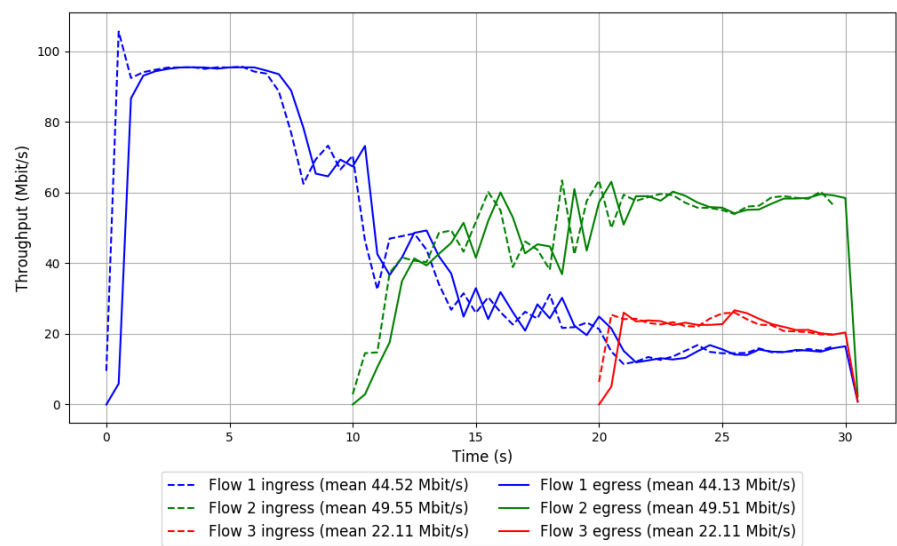


Run 2: Statistics of Copa

Start at: 2018-08-09 09:25:40
End at: 2018-08-09 09:26:10
Local clock offset: 0.925 ms
Remote clock offset: -1.267 ms

Below is generated by plot.py at 2018-08-09 12:36:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.46 Mbit/s
95th percentile per-packet one-way delay: 40.248 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 44.13 Mbit/s
95th percentile per-packet one-way delay: 40.877 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 49.51 Mbit/s
95th percentile per-packet one-way delay: 40.087 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 22.11 Mbit/s
95th percentile per-packet one-way delay: 37.937 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

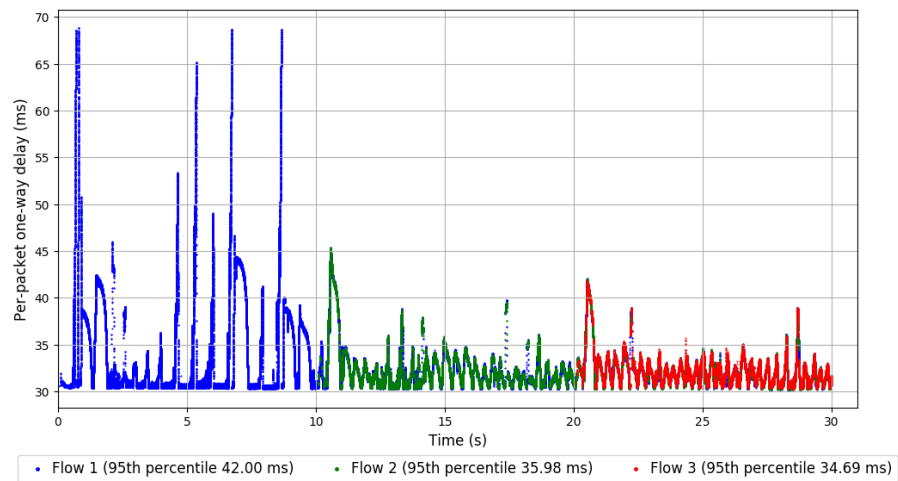
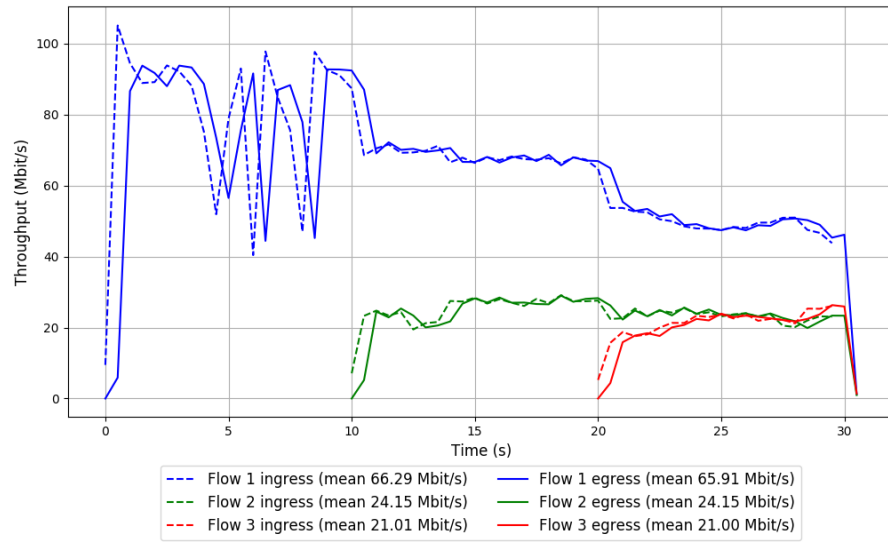


Run 3: Statistics of Copa

Start at: 2018-08-09 09:48:29
End at: 2018-08-09 09:48:59
Local clock offset: 0.236 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-08-09 12:36:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.98 Mbit/s
95th percentile per-packet one-way delay: 41.284 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 65.91 Mbit/s
95th percentile per-packet one-way delay: 42.000 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 24.15 Mbit/s
95th percentile per-packet one-way delay: 35.977 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 21.00 Mbit/s
95th percentile per-packet one-way delay: 34.690 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

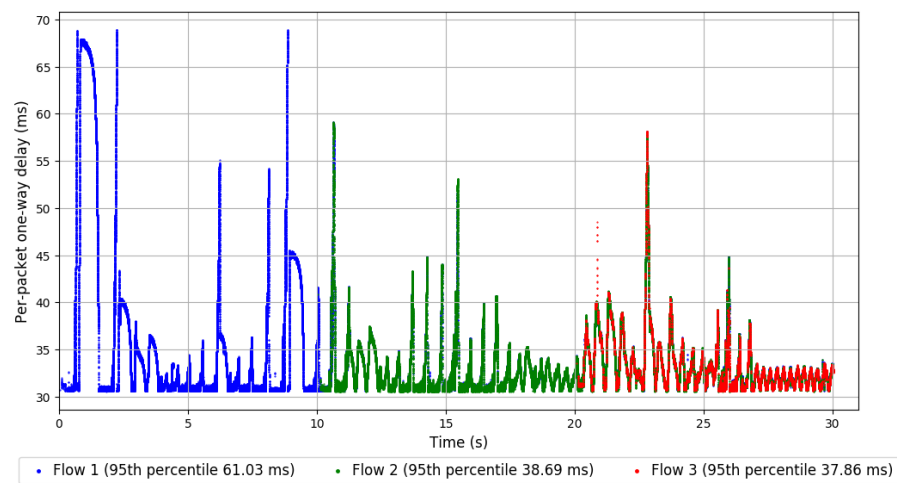
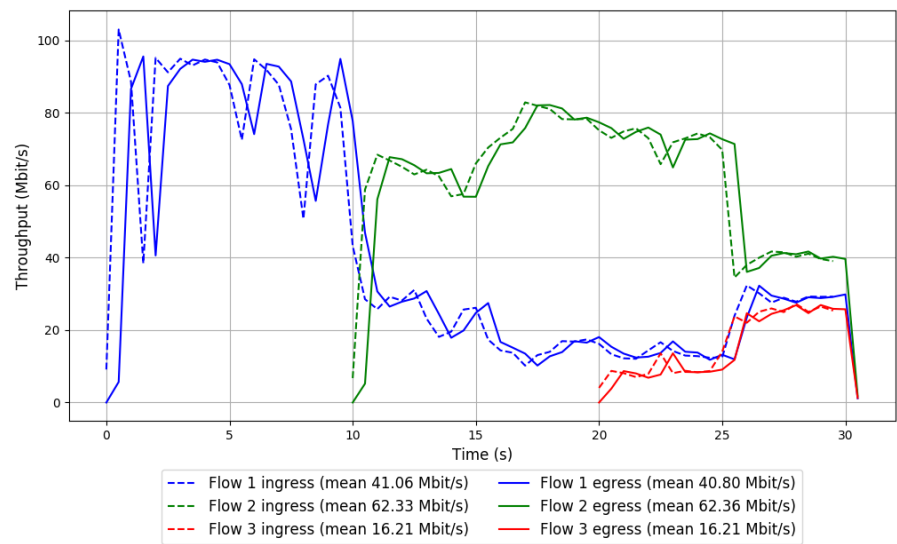


Run 4: Statistics of Copa

Start at: 2018-08-09 10:11:23
End at: 2018-08-09 10:11:53
Local clock offset: -2.923 ms
Remote clock offset: -0.762 ms

Below is generated by plot.py at 2018-08-09 12:36:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 44.878 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 40.80 Mbit/s
95th percentile per-packet one-way delay: 61.034 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 62.36 Mbit/s
95th percentile per-packet one-way delay: 38.690 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 37.859 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

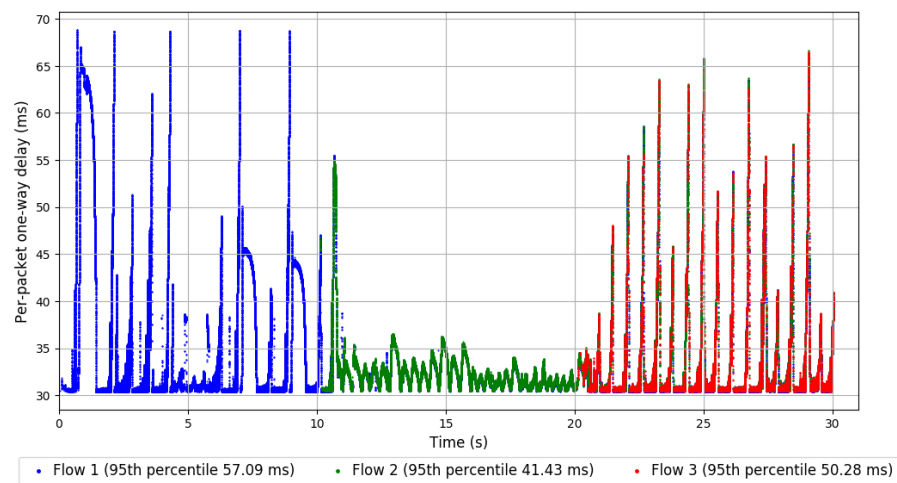
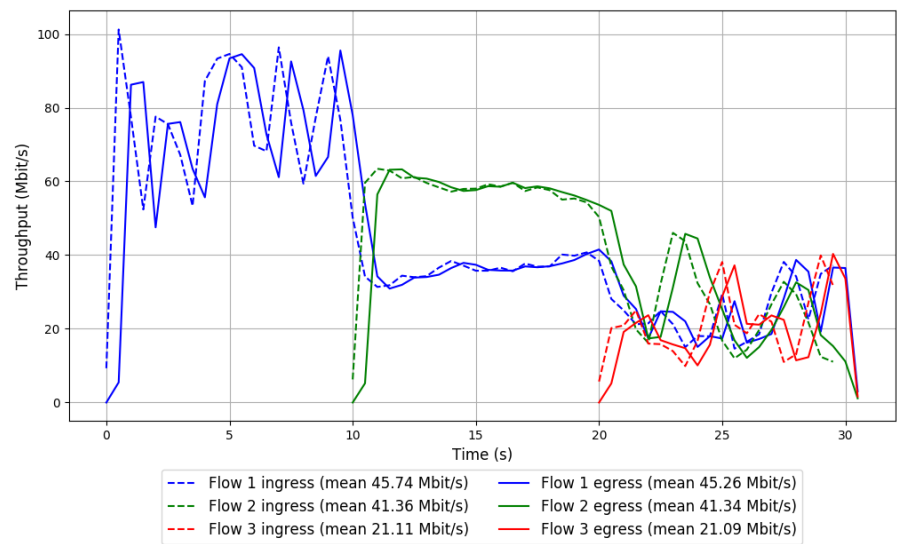


Run 5: Statistics of Copa

Start at: 2018-08-09 10:34:17
End at: 2018-08-09 10:34:47
Local clock offset: 0.145 ms
Remote clock offset: -1.137 ms

Below is generated by plot.py at 2018-08-09 12:36:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.82 Mbit/s
95th percentile per-packet one-way delay: 51.173 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 45.26 Mbit/s
95th percentile per-packet one-way delay: 57.094 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 41.34 Mbit/s
95th percentile per-packet one-way delay: 41.427 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 21.09 Mbit/s
95th percentile per-packet one-way delay: 50.277 ms
Loss rate: 0.01%

Run 5: Report of Copa — Data Link

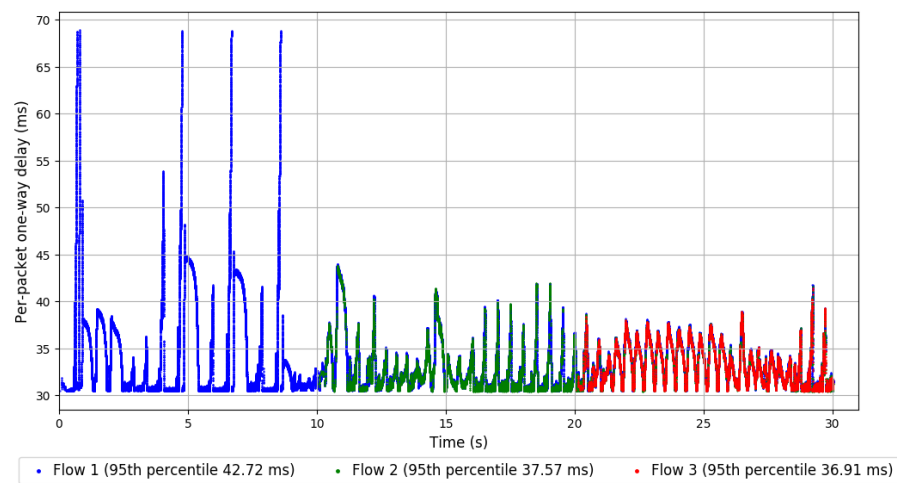
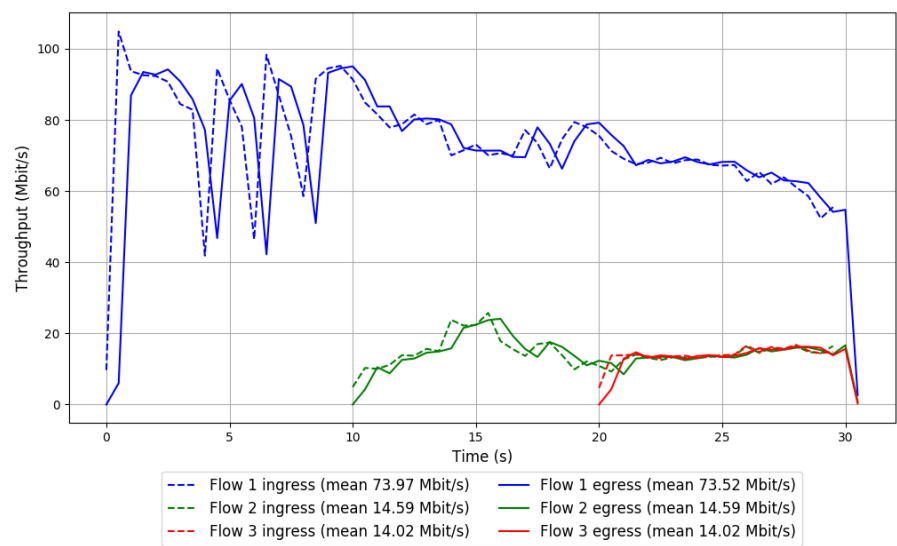


Run 6: Statistics of Copa

Start at: 2018-08-09 10:57:12
End at: 2018-08-09 10:57:42
Local clock offset: 0.57 ms
Remote clock offset: -0.661 ms

Below is generated by plot.py at 2018-08-09 12:36:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 42.036 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 73.52 Mbit/s
95th percentile per-packet one-way delay: 42.722 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 14.59 Mbit/s
95th percentile per-packet one-way delay: 37.566 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.02 Mbit/s
95th percentile per-packet one-way delay: 36.912 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

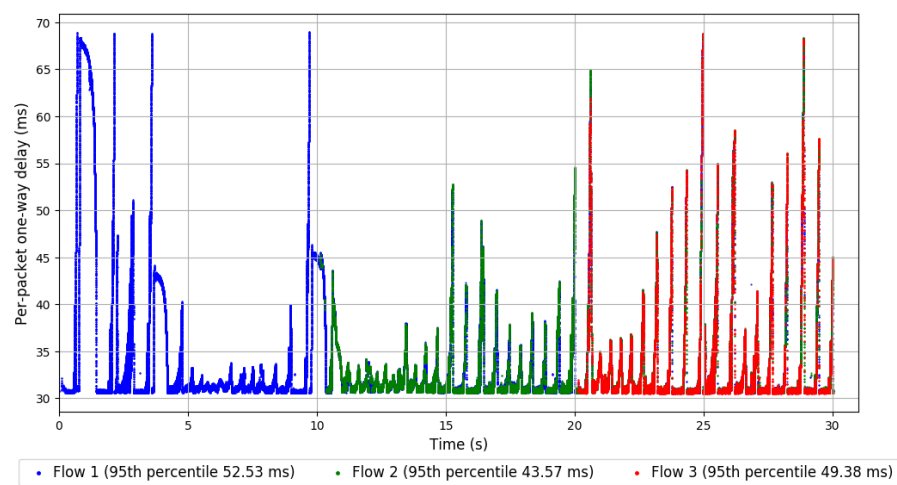
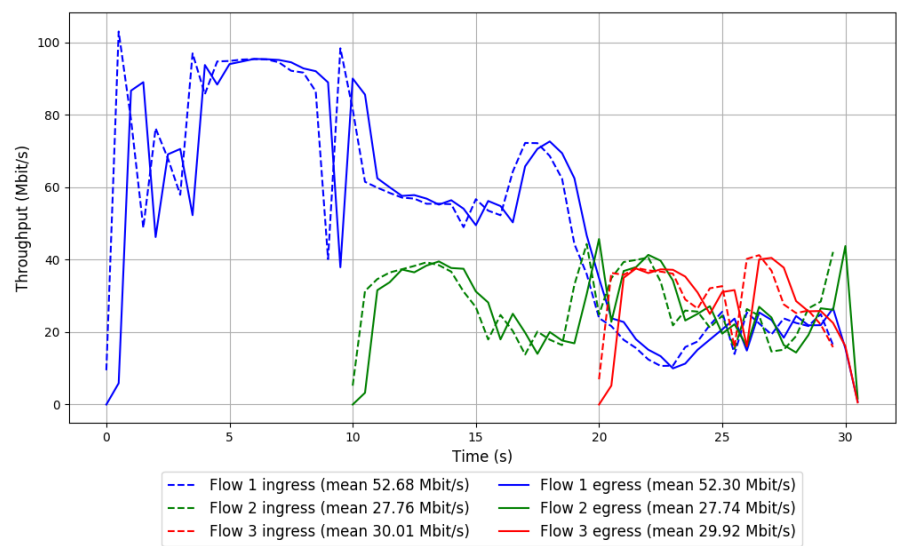


Run 7: Statistics of Copa

Start at: 2018-08-09 11:20:07
End at: 2018-08-09 11:20:37
Local clock offset: 0.601 ms
Remote clock offset: -0.381 ms

Below is generated by plot.py at 2018-08-09 12:37:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.70 Mbit/s
95th percentile per-packet one-way delay: 49.182 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 52.30 Mbit/s
95th percentile per-packet one-way delay: 52.535 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 27.74 Mbit/s
95th percentile per-packet one-way delay: 43.567 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 29.92 Mbit/s
95th percentile per-packet one-way delay: 49.382 ms
Loss rate: 0.29%

Run 7: Report of Copa — Data Link

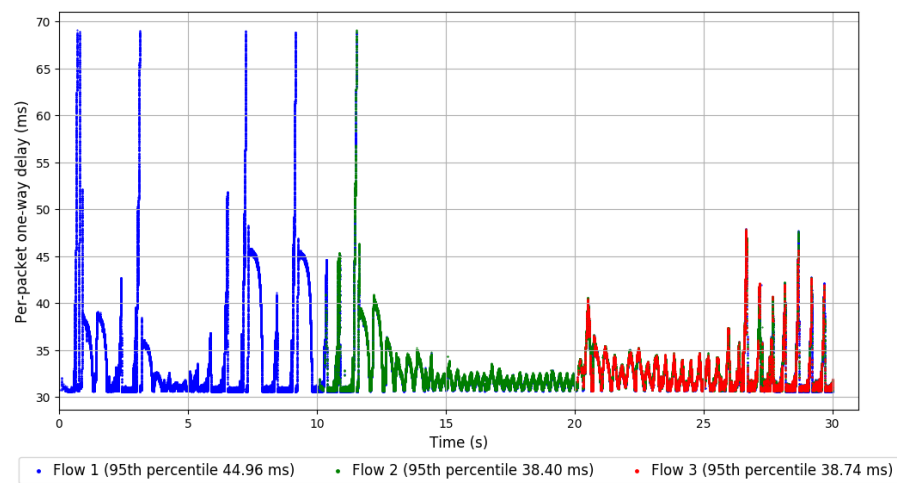
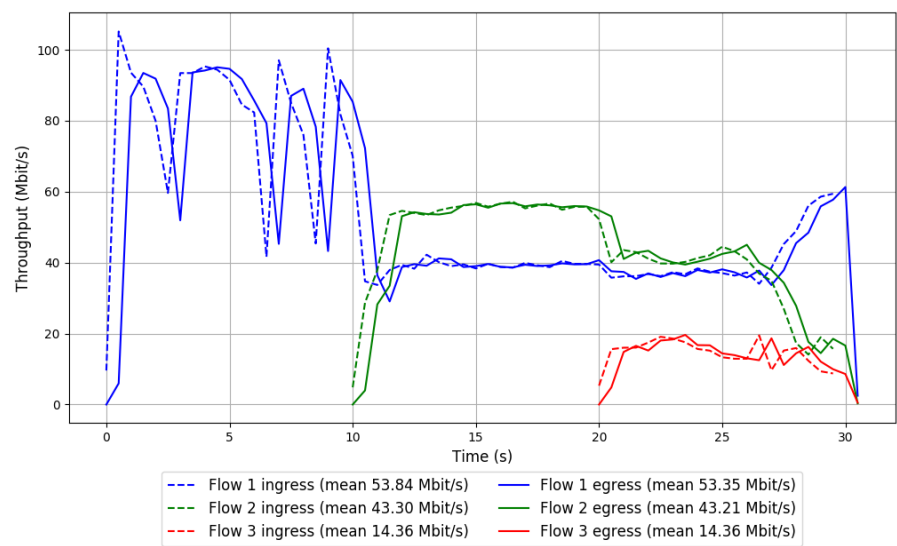


Run 8: Statistics of Copa

Start at: 2018-08-09 11:43:13
End at: 2018-08-09 11:43:43
Local clock offset: 0.438 ms
Remote clock offset: -0.681 ms

Below is generated by plot.py at 2018-08-09 12:37:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.92 Mbit/s
95th percentile per-packet one-way delay: 43.522 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 53.35 Mbit/s
95th percentile per-packet one-way delay: 44.961 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 38.404 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 14.36 Mbit/s
95th percentile per-packet one-way delay: 38.745 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

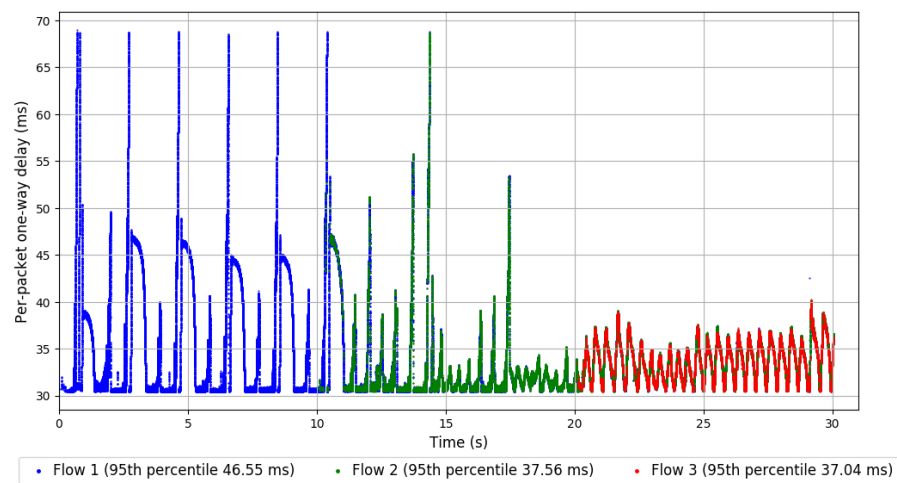
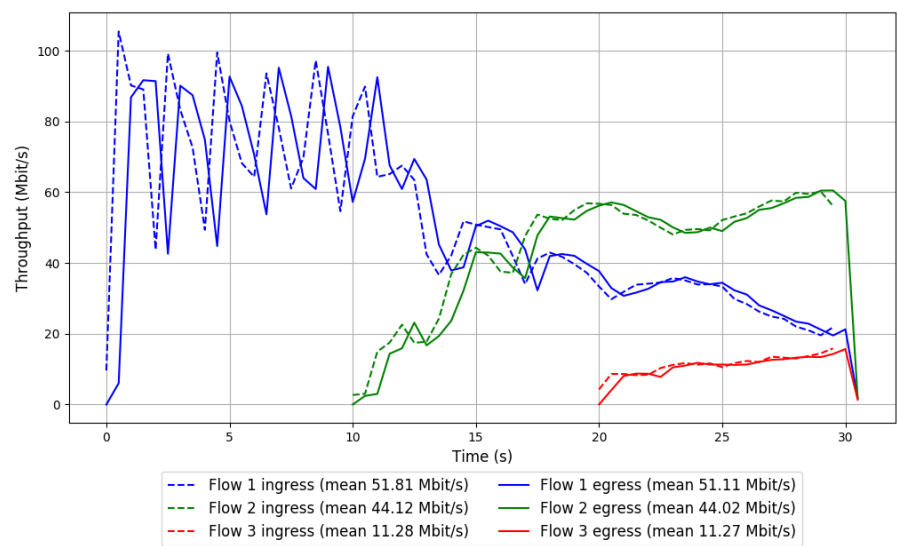


Run 9: Statistics of Copa

Start at: 2018-08-09 12:06:13
End at: 2018-08-09 12:06:43
Local clock offset: 0.282 ms
Remote clock offset: -0.698 ms

Below is generated by plot.py at 2018-08-09 12:38:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.19 Mbit/s
95th percentile per-packet one-way delay: 45.965 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 51.11 Mbit/s
95th percentile per-packet one-way delay: 46.547 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 44.02 Mbit/s
95th percentile per-packet one-way delay: 37.561 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 37.038 ms
Loss rate: 0.01%

Run 9: Report of Copa — Data Link

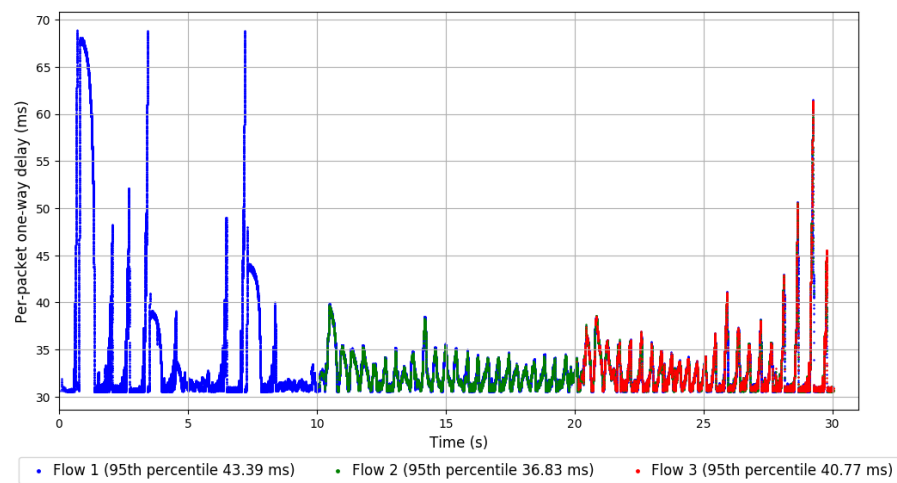
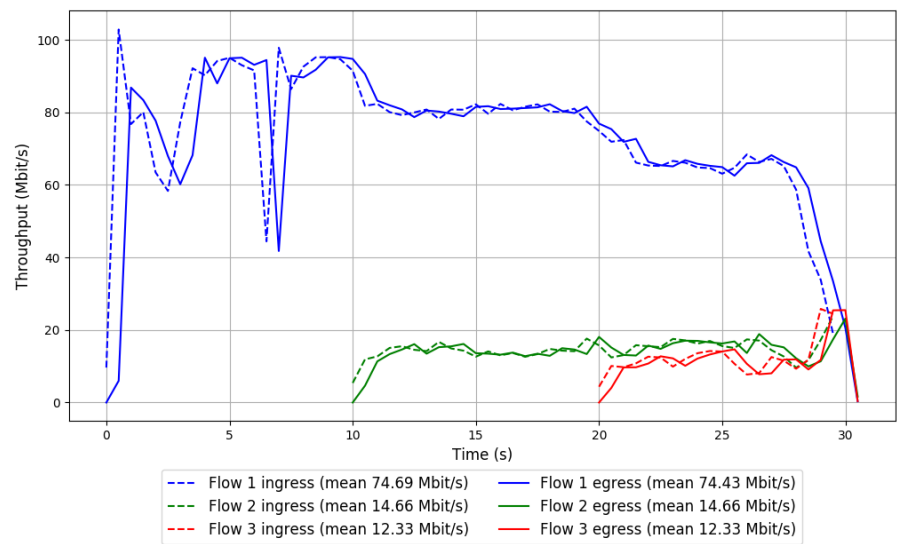


Run 10: Statistics of Copa

Start at: 2018-08-09 12:29:14
End at: 2018-08-09 12:29:44
Local clock offset: 0.349 ms
Remote clock offset: -0.743 ms

Below is generated by plot.py at 2018-08-09 12:38:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 42.839 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 74.43 Mbit/s
95th percentile per-packet one-way delay: 43.386 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 14.66 Mbit/s
95th percentile per-packet one-way delay: 36.826 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 40.773 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

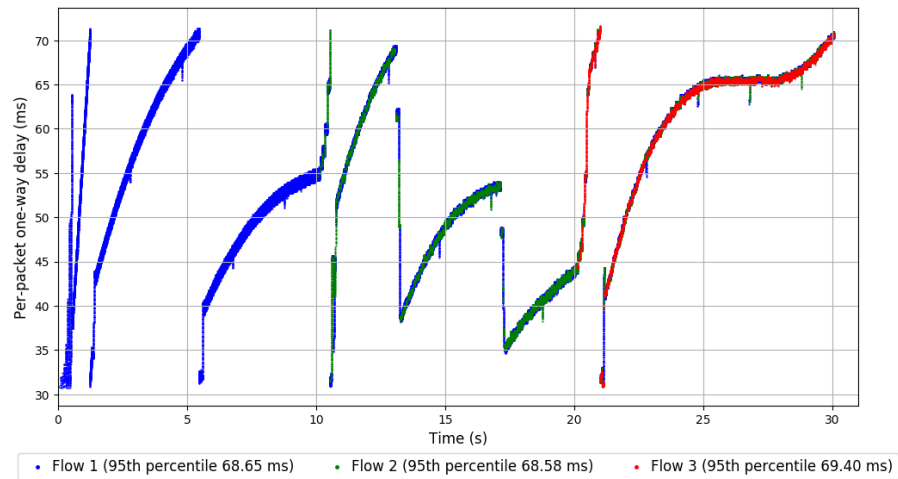
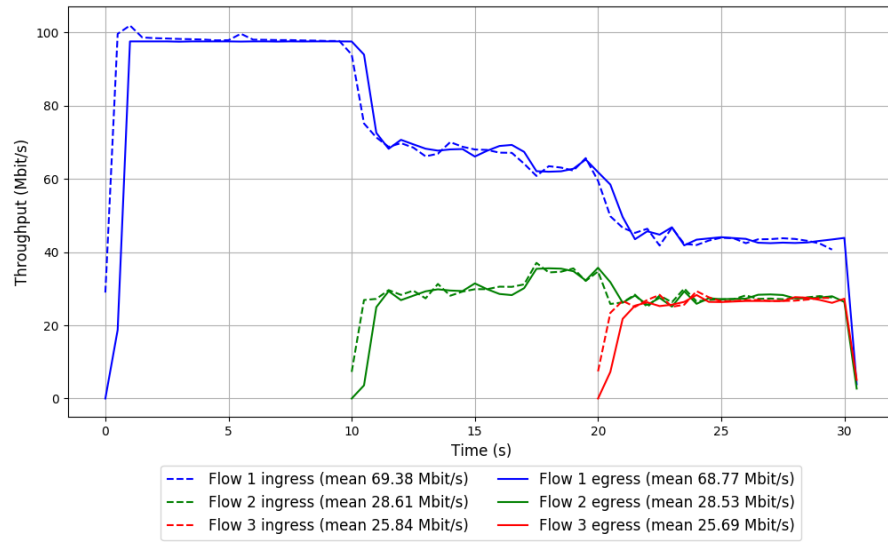


Run 1: Statistics of TCP Cubic

Start at: 2018-08-09 08:54:39
End at: 2018-08-09 08:55:09
Local clock offset: -1.771 ms
Remote clock offset: -1.737 ms

Below is generated by plot.py at 2018-08-09 12:38:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 68.721 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 68.77 Mbit/s
95th percentile per-packet one-way delay: 68.646 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 28.53 Mbit/s
95th percentile per-packet one-way delay: 68.581 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 25.69 Mbit/s
95th percentile per-packet one-way delay: 69.396 ms
Loss rate: 0.32%

Run 1: Report of TCP Cubic — Data Link

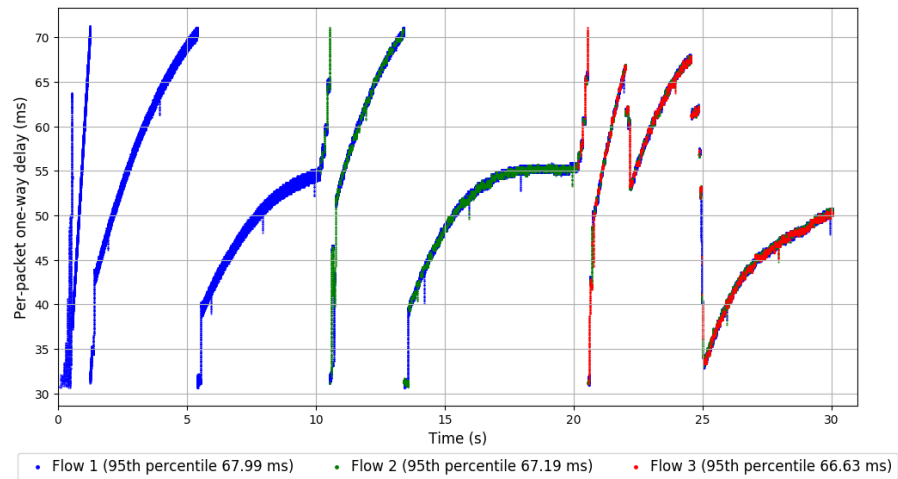
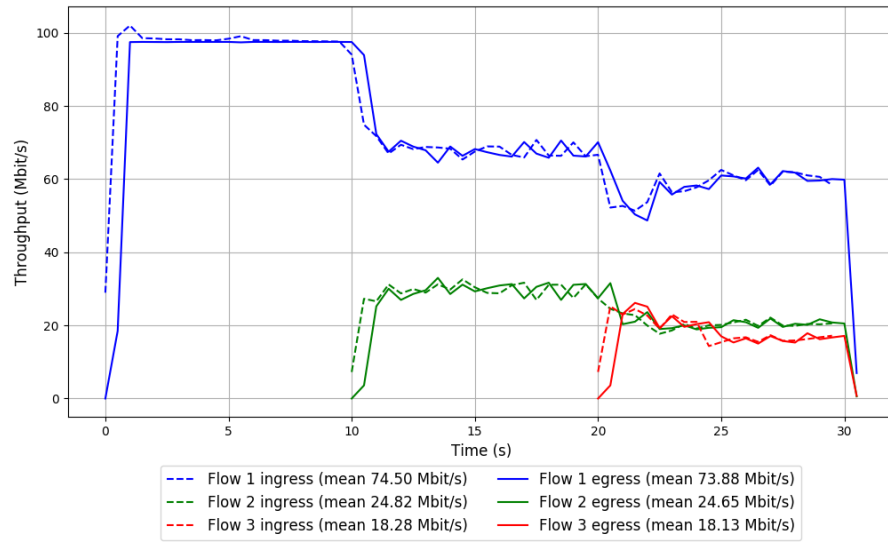


Run 2: Statistics of TCP Cubic

Start at: 2018-08-09 09:17:32
End at: 2018-08-09 09:18:02
Local clock offset: 1.199 ms
Remote clock offset: -1.541 ms

Below is generated by plot.py at 2018-08-09 12:38:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 67.670 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 73.88 Mbit/s
95th percentile per-packet one-way delay: 67.986 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 67.190 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 18.13 Mbit/s
95th percentile per-packet one-way delay: 66.632 ms
Loss rate: 0.85%

Run 2: Report of TCP Cubic — Data Link

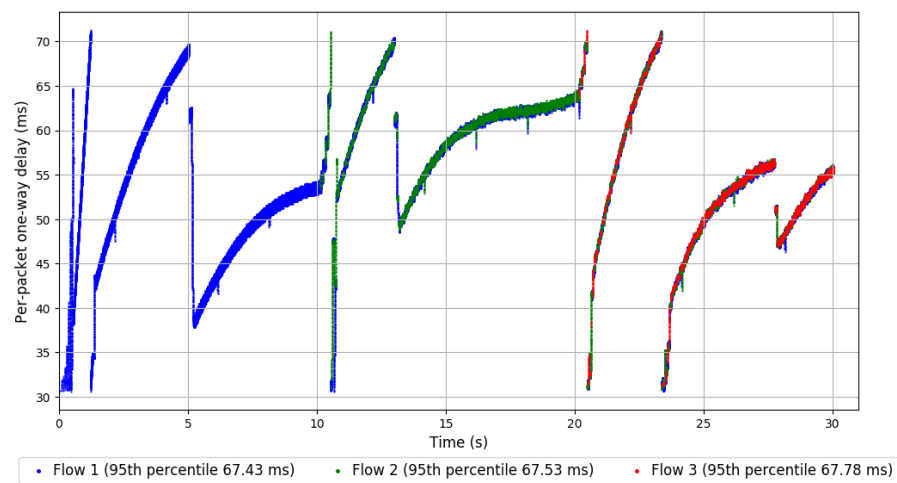
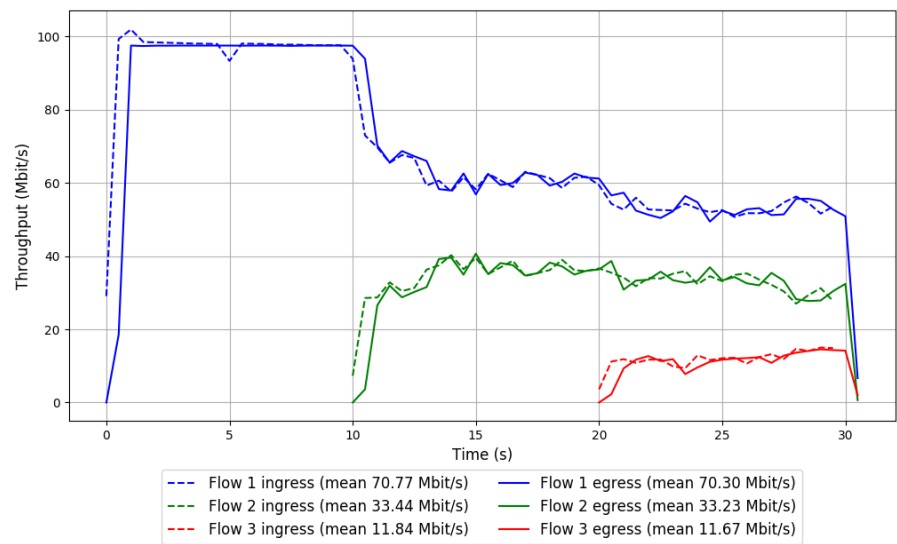


Run 3: Statistics of TCP Cubic

Start at: 2018-08-09 09:40:19
End at: 2018-08-09 09:40:50
Local clock offset: 1.151 ms
Remote clock offset: -0.375 ms

Below is generated by plot.py at 2018-08-09 12:38:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 67.465 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 70.30 Mbit/s
95th percentile per-packet one-way delay: 67.434 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 67.535 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 67.781 ms
Loss rate: 1.52%

Run 3: Report of TCP Cubic — Data Link

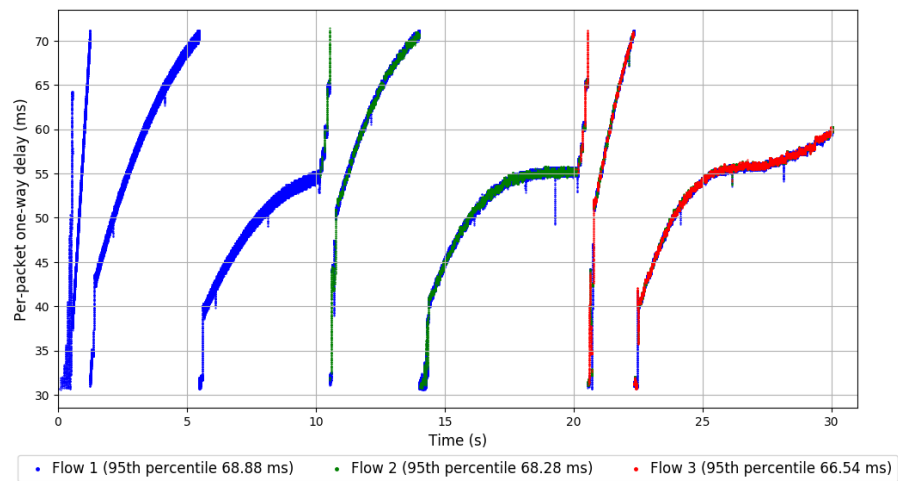
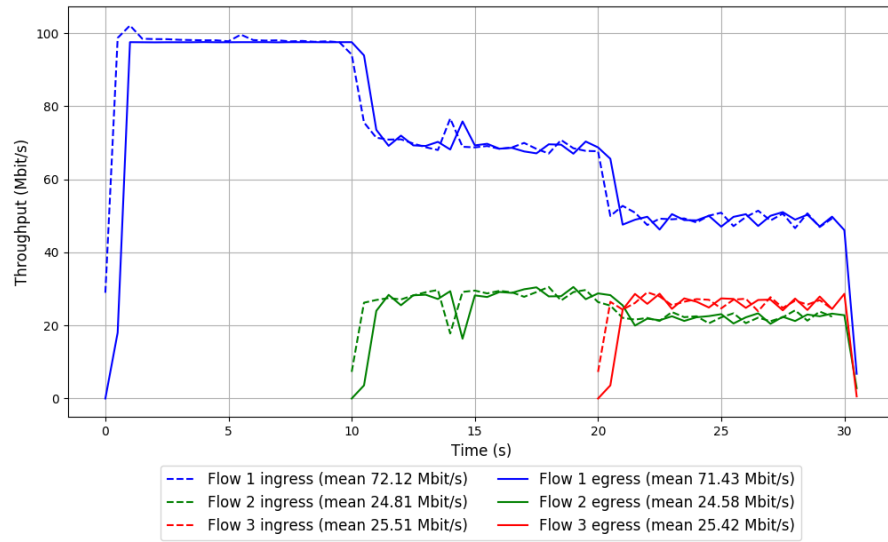


Run 4: Statistics of TCP Cubic

Start at: 2018-08-09 10:03:14
End at: 2018-08-09 10:03:44
Local clock offset: -2.442 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-08-09 12:38:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 68.665 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 71.43 Mbit/s
95th percentile per-packet one-way delay: 68.876 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 68.279 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 25.42 Mbit/s
95th percentile per-packet one-way delay: 66.539 ms
Loss rate: 0.31%

Run 4: Report of TCP Cubic — Data Link

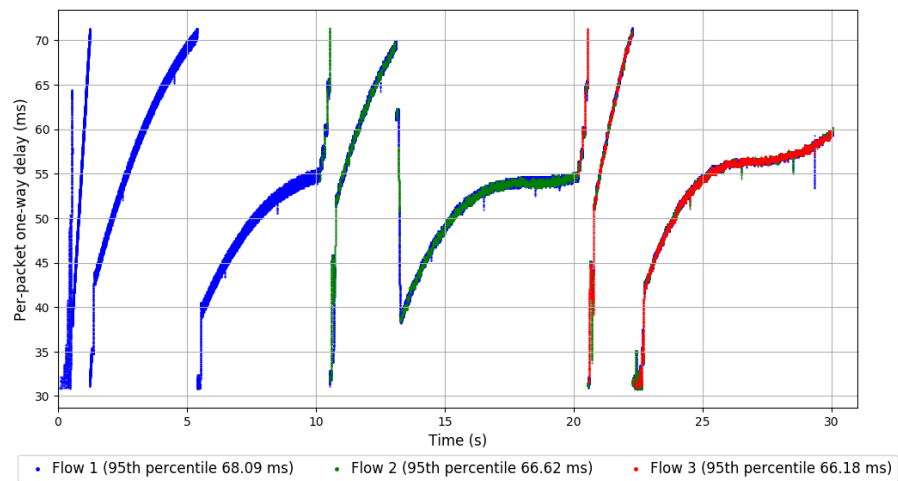
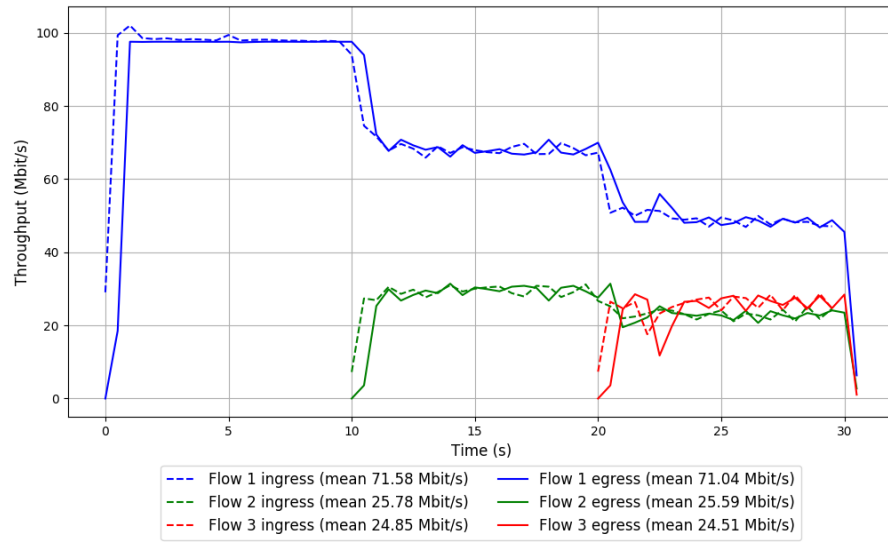


Run 5: Statistics of TCP Cubic

Start at: 2018-08-09 10:26:07
End at: 2018-08-09 10:26:37
Local clock offset: -0.725 ms
Remote clock offset: -1.113 ms

Below is generated by plot.py at 2018-08-09 12:38:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 67.707 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 71.04 Mbit/s
95th percentile per-packet one-way delay: 68.086 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 25.59 Mbit/s
95th percentile per-packet one-way delay: 66.624 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 66.180 ms
Loss rate: 1.34%

Run 5: Report of TCP Cubic — Data Link

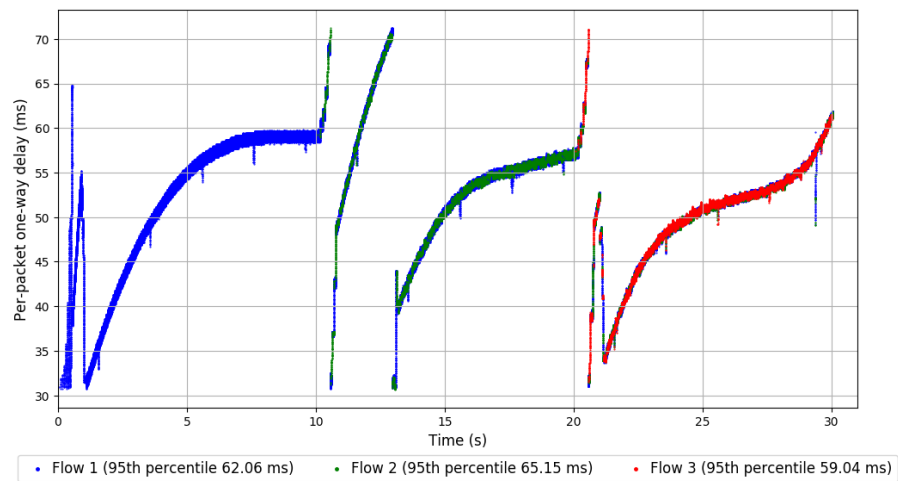
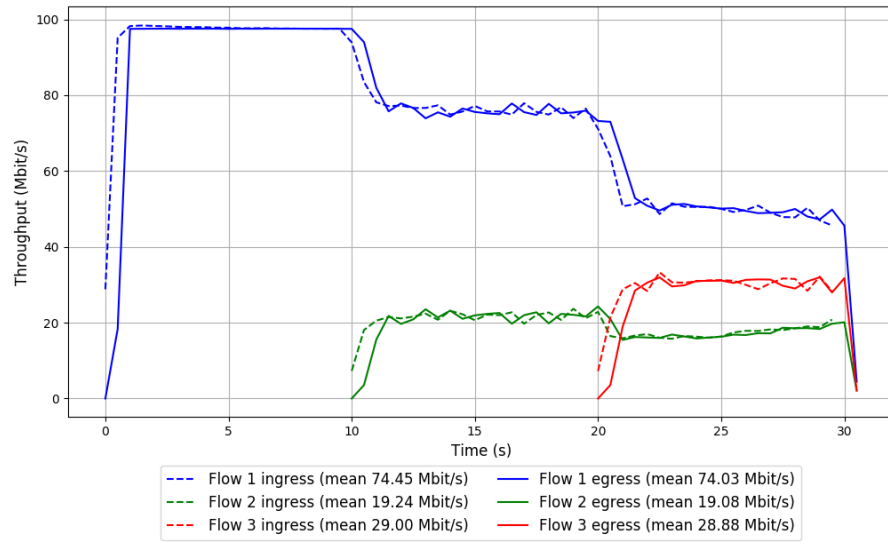


Run 6: Statistics of TCP Cubic

Start at: 2018-08-09 10:49:02
End at: 2018-08-09 10:49:32
Local clock offset: 0.63 ms
Remote clock offset: -0.444 ms

Below is generated by plot.py at 2018-08-09 12:38:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 61.859 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 74.03 Mbit/s
95th percentile per-packet one-way delay: 62.065 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 65.150 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 28.88 Mbit/s
95th percentile per-packet one-way delay: 59.039 ms
Loss rate: 0.39%

Run 6: Report of TCP Cubic — Data Link

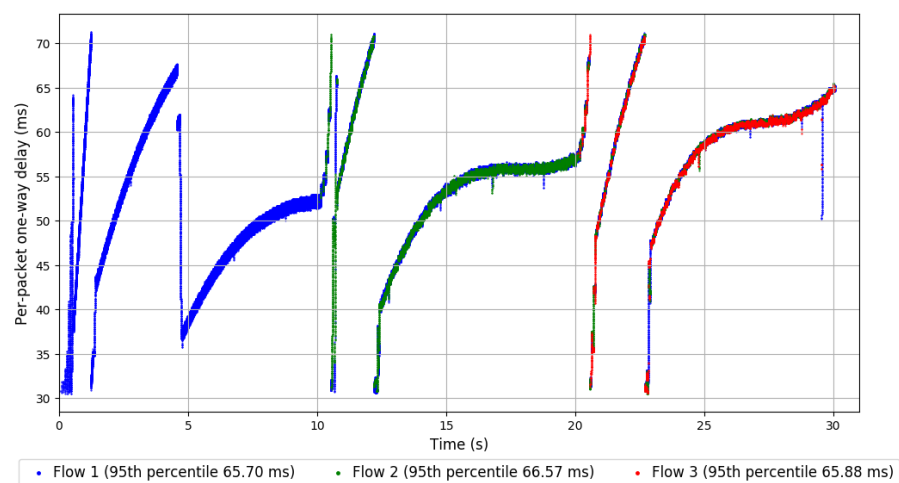
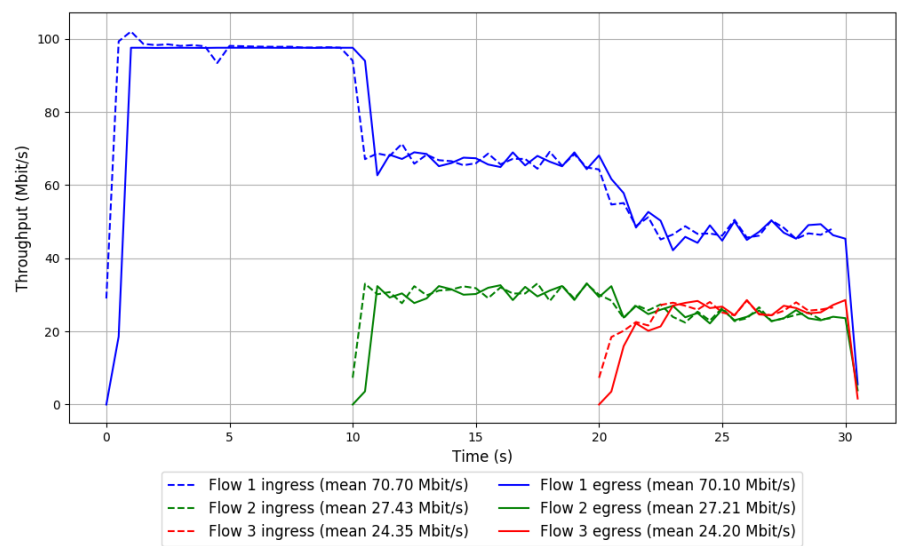


Run 7: Statistics of TCP Cubic

Start at: 2018-08-09 11:11:57
End at: 2018-08-09 11:12:27
Local clock offset: 0.641 ms
Remote clock offset: -0.608 ms

Below is generated by plot.py at 2018-08-09 12:38:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 65.893 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 70.10 Mbit/s
95th percentile per-packet one-way delay: 65.699 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 27.21 Mbit/s
95th percentile per-packet one-way delay: 66.574 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 65.882 ms
Loss rate: 0.55%

Run 7: Report of TCP Cubic — Data Link

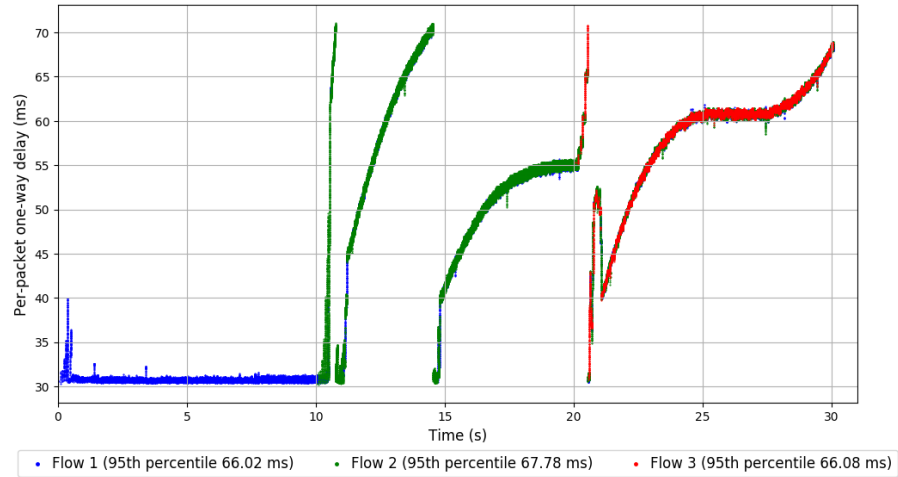
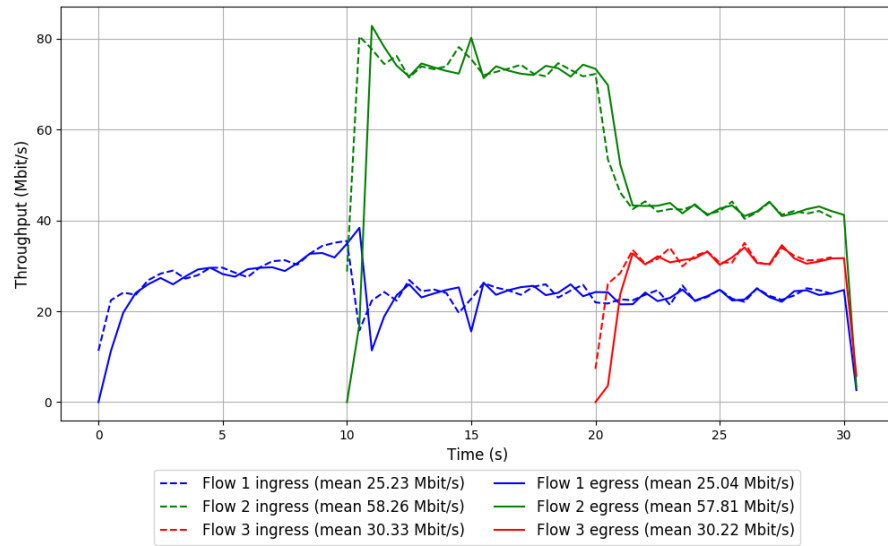


Run 8: Statistics of TCP Cubic

Start at: 2018-08-09 11:34:52
End at: 2018-08-09 11:35:22
Local clock offset: 0.412 ms
Remote clock offset: -0.865 ms

Below is generated by plot.py at 2018-08-09 12:38:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.61 Mbit/s
95th percentile per-packet one-way delay: 67.035 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 25.04 Mbit/s
95th percentile per-packet one-way delay: 66.018 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 57.81 Mbit/s
95th percentile per-packet one-way delay: 67.784 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 30.22 Mbit/s
95th percentile per-packet one-way delay: 66.075 ms
Loss rate: 0.24%

Run 8: Report of TCP Cubic — Data Link

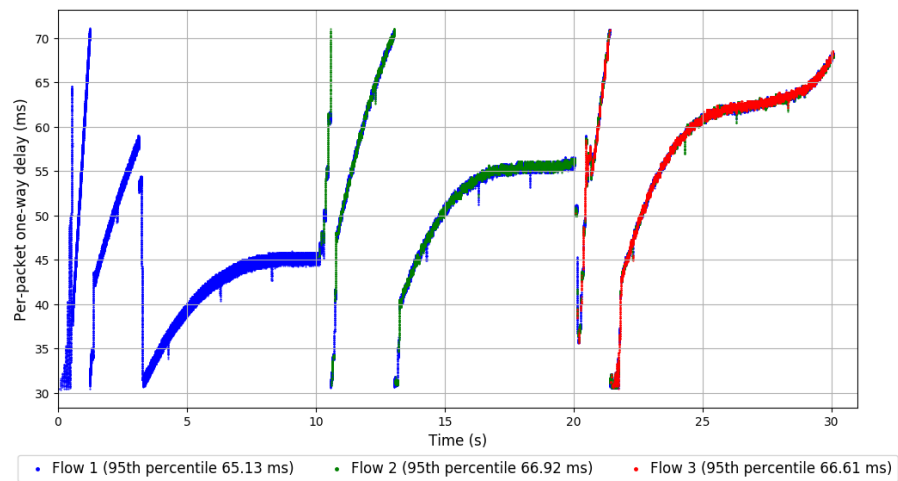
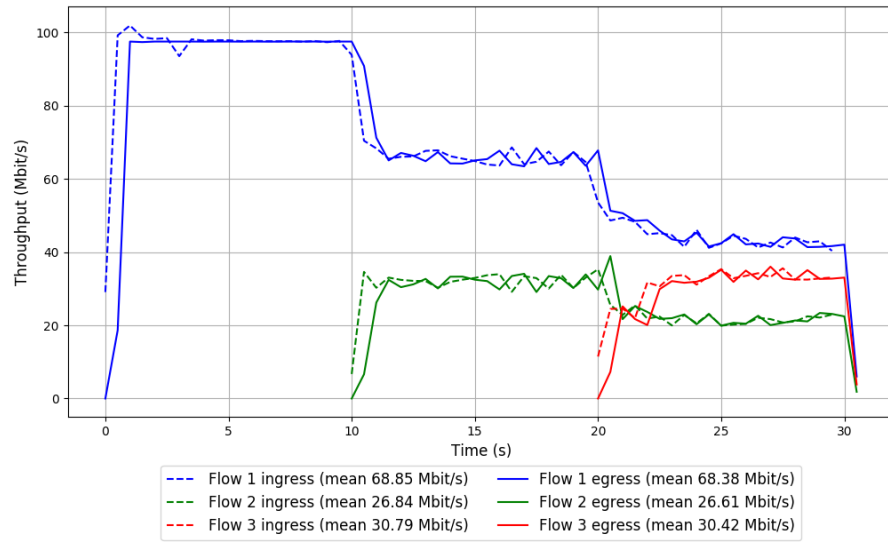


Run 9: Statistics of TCP Cubic

Start at: 2018-08-09 11:58:03
End at: 2018-08-09 11:58:33
Local clock offset: 0.197 ms
Remote clock offset: -0.788 ms

Below is generated by plot.py at 2018-08-09 12:38:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 65.852 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 68.38 Mbit/s
95th percentile per-packet one-way delay: 65.128 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 66.918 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 30.42 Mbit/s
95th percentile per-packet one-way delay: 66.608 ms
Loss rate: 1.02%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-08-09 12:21:05

End at: 2018-08-09 12:21:35

Local clock offset: 0.332 ms

Remote clock offset: -0.67 ms

Below is generated by plot.py at 2018-08-09 12:38:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.41 Mbit/s

95th percentile per-packet one-way delay: 62.845 ms

Loss rate: 0.63%

-- Flow 1:

Average throughput: 66.63 Mbit/s

95th percentile per-packet one-way delay: 60.355 ms

Loss rate: 0.65%

-- Flow 2:

Average throughput: 32.89 Mbit/s

95th percentile per-packet one-way delay: 64.589 ms

Loss rate: 0.34%

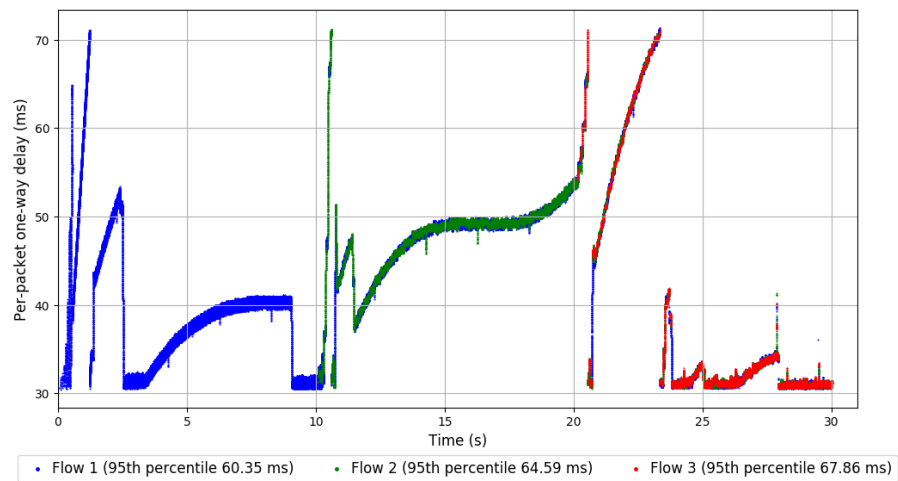
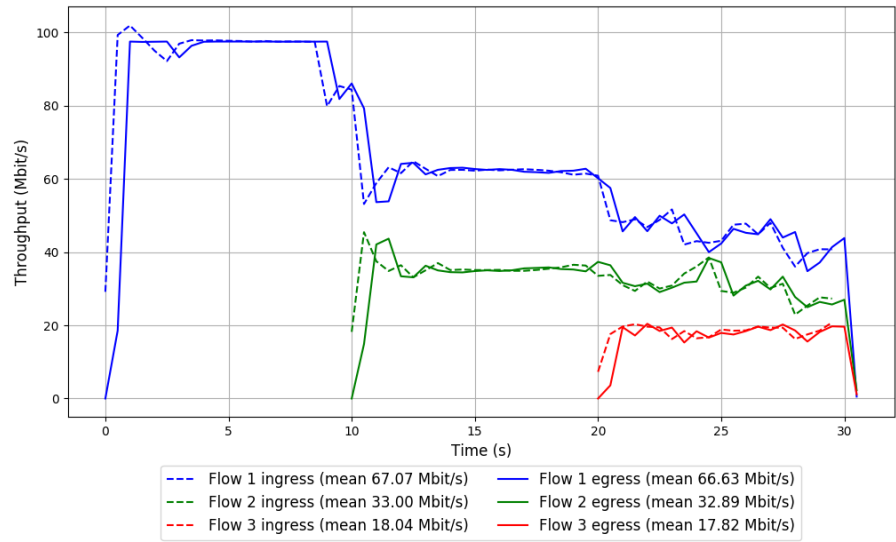
-- Flow 3:

Average throughput: 17.82 Mbit/s

95th percentile per-packet one-way delay: 67.863 ms

Loss rate: 1.45%

Run 10: Report of TCP Cubic — Data Link

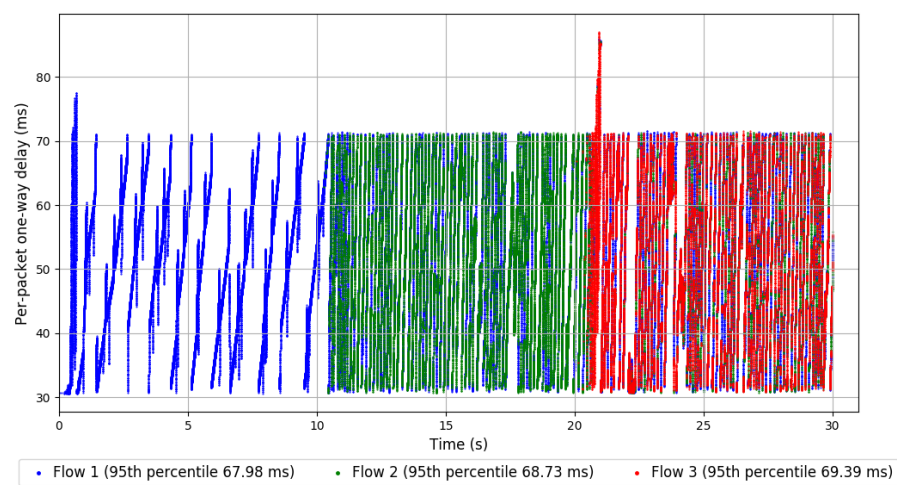
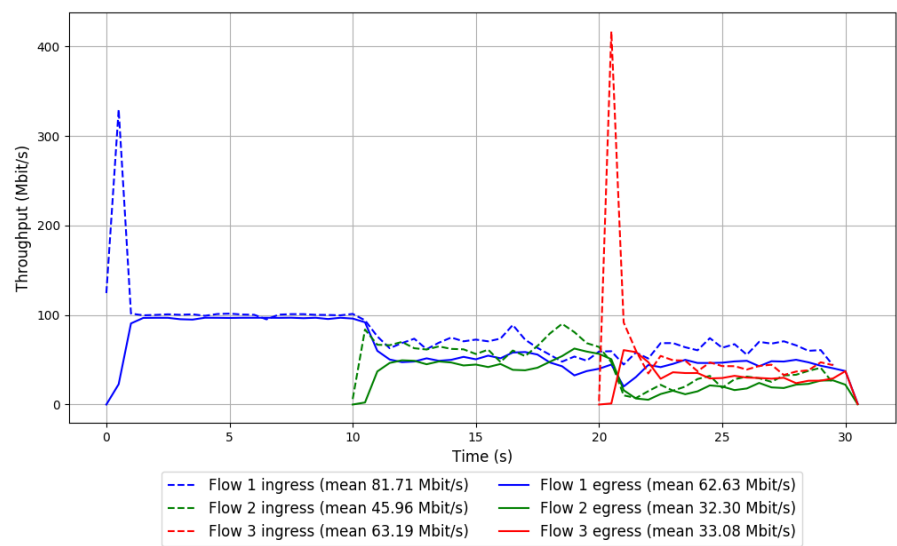


Run 1: Statistics of FillP

Start at: 2018-08-09 08:50:36
End at: 2018-08-09 08:51:06
Local clock offset: -3.234 ms
Remote clock offset: -1.841 ms

Below is generated by plot.py at 2018-08-09 12:39:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 68.367 ms
Loss rate: 28.60%
-- Flow 1:
Average throughput: 62.63 Mbit/s
95th percentile per-packet one-way delay: 67.982 ms
Loss rate: 23.28%
-- Flow 2:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 68.729 ms
Loss rate: 29.71%
-- Flow 3:
Average throughput: 33.08 Mbit/s
95th percentile per-packet one-way delay: 69.389 ms
Loss rate: 47.71%

Run 1: Report of FillP — Data Link

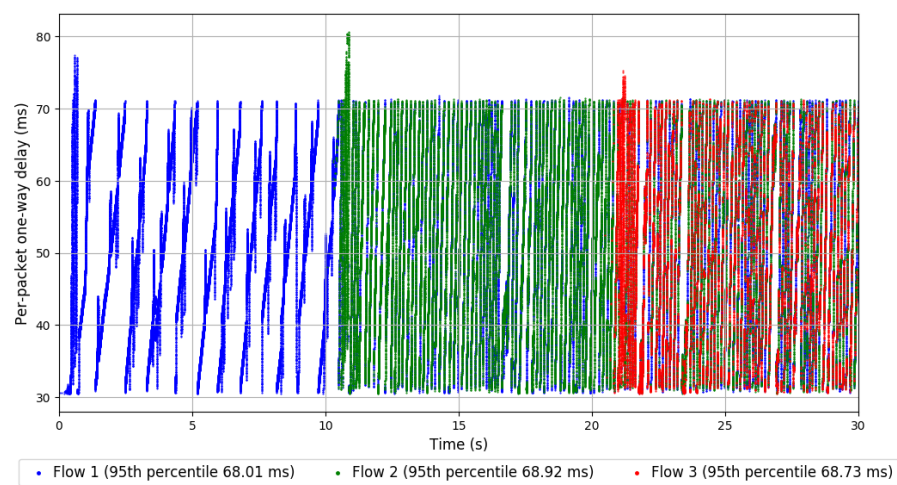
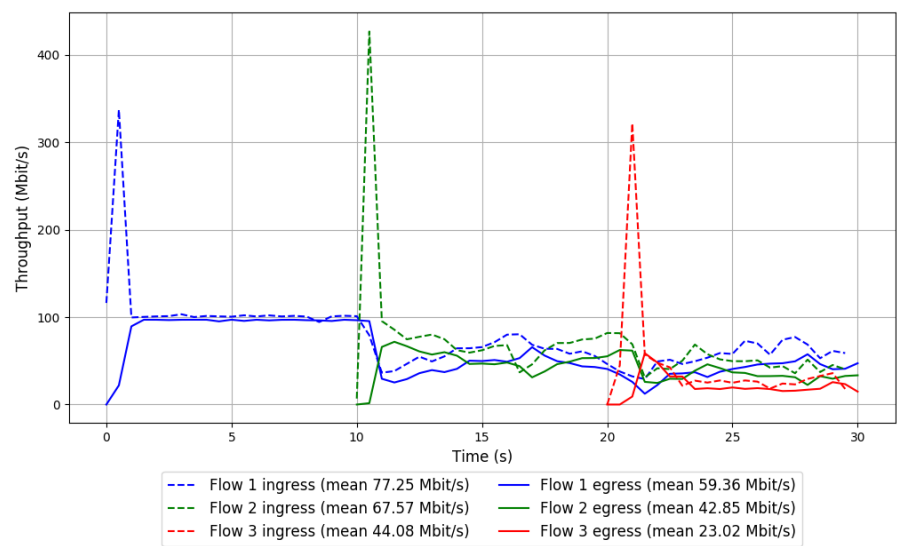


Run 2: Statistics of FillP

Start at: 2018-08-09 09:13:28
End at: 2018-08-09 09:13:58
Local clock offset: 1.159 ms
Remote clock offset: -1.605 ms

Below is generated by plot.py at 2018-08-09 12:40:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.18 Mbit/s
95th percentile per-packet one-way delay: 68.367 ms
Loss rate: 30.40%
-- Flow 1:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 68.007 ms
Loss rate: 23.12%
-- Flow 2:
Average throughput: 42.85 Mbit/s
95th percentile per-packet one-way delay: 68.918 ms
Loss rate: 36.58%
-- Flow 3:
Average throughput: 23.02 Mbit/s
95th percentile per-packet one-way delay: 68.731 ms
Loss rate: 49.92%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-08-09 09:36:17

End at: 2018-08-09 09:36:47

Local clock offset: 1.056 ms

Remote clock offset: -0.54 ms

Below is generated by plot.py at 2018-08-09 12:40:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.14 Mbit/s

95th percentile per-packet one-way delay: 68.241 ms

Loss rate: 24.01%

-- Flow 1:

Average throughput: 59.94 Mbit/s

95th percentile per-packet one-way delay: 68.119 ms

Loss rate: 22.05%

-- Flow 2:

Average throughput: 41.22 Mbit/s

95th percentile per-packet one-way delay: 68.467 ms

Loss rate: 26.70%

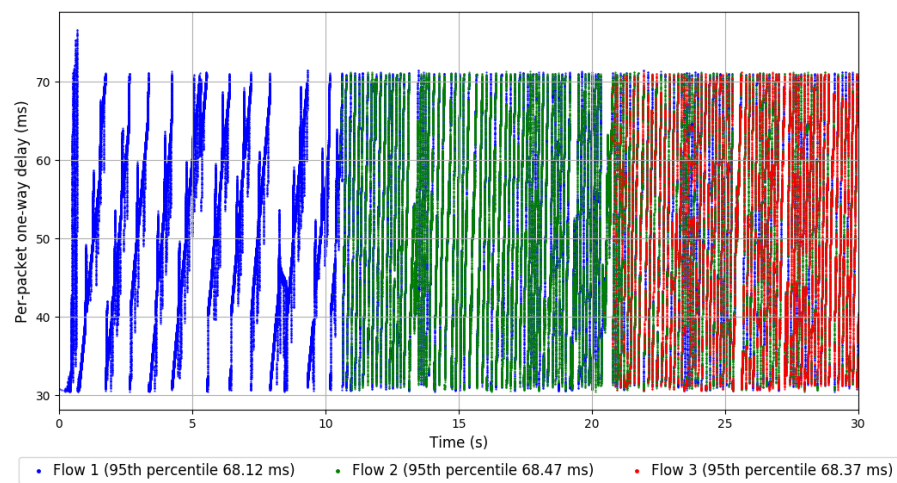
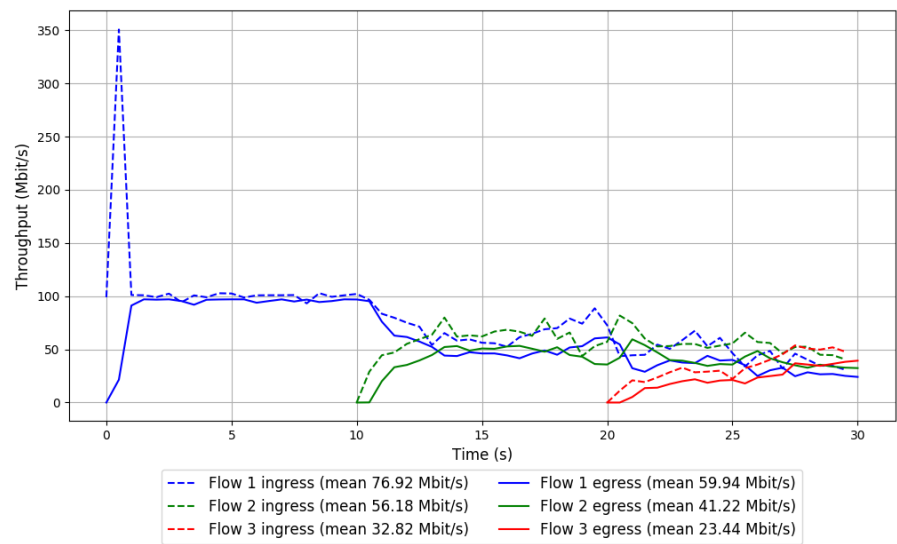
-- Flow 3:

Average throughput: 23.44 Mbit/s

95th percentile per-packet one-way delay: 68.369 ms

Loss rate: 28.61%

Run 3: Report of FillP — Data Link

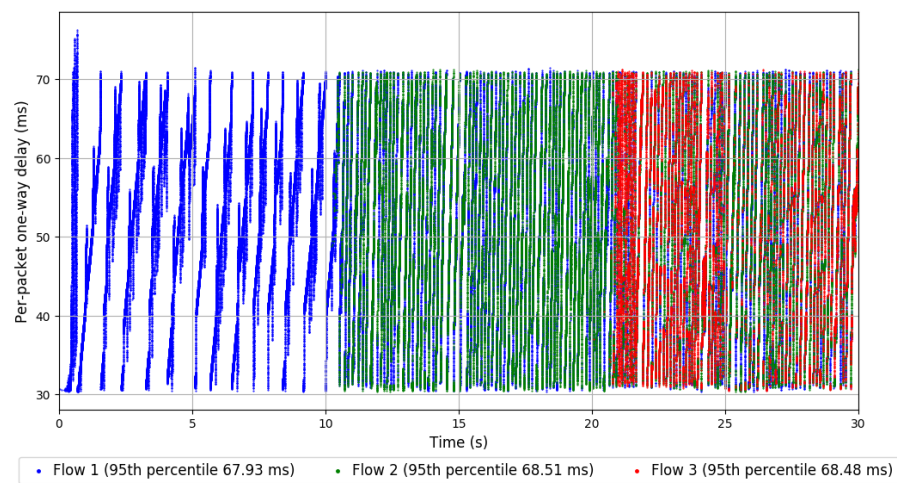
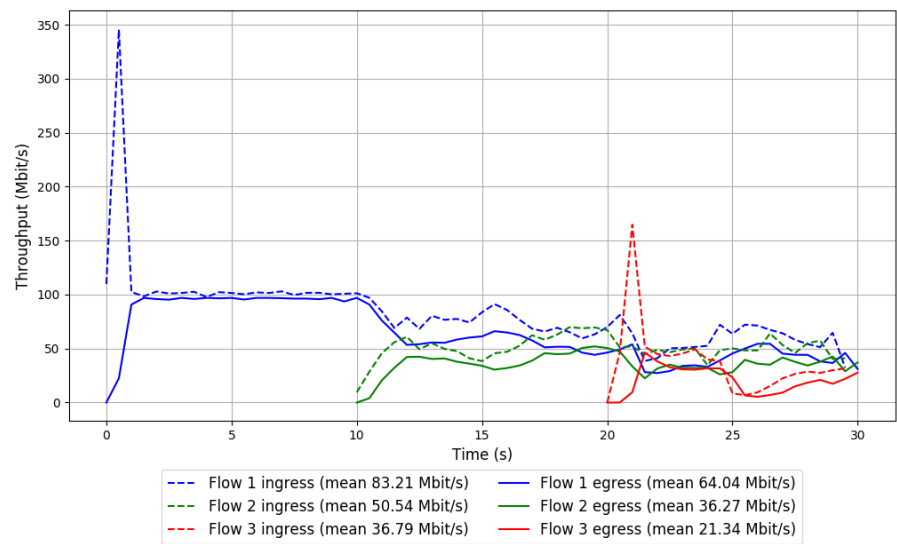


Run 4: Statistics of FillP

Start at: 2018-08-09 09:59:09
End at: 2018-08-09 09:59:39
Local clock offset: -2.031 ms
Remote clock offset: 0.101 ms

Below is generated by plot.py at 2018-08-09 12:40:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 68.151 ms
Loss rate: 26.15%
-- Flow 1:
Average throughput: 64.04 Mbit/s
95th percentile per-packet one-way delay: 67.927 ms
Loss rate: 23.01%
-- Flow 2:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 68.506 ms
Loss rate: 28.22%
-- Flow 3:
Average throughput: 21.34 Mbit/s
95th percentile per-packet one-way delay: 68.476 ms
Loss rate: 41.93%

Run 4: Report of FillP — Data Link

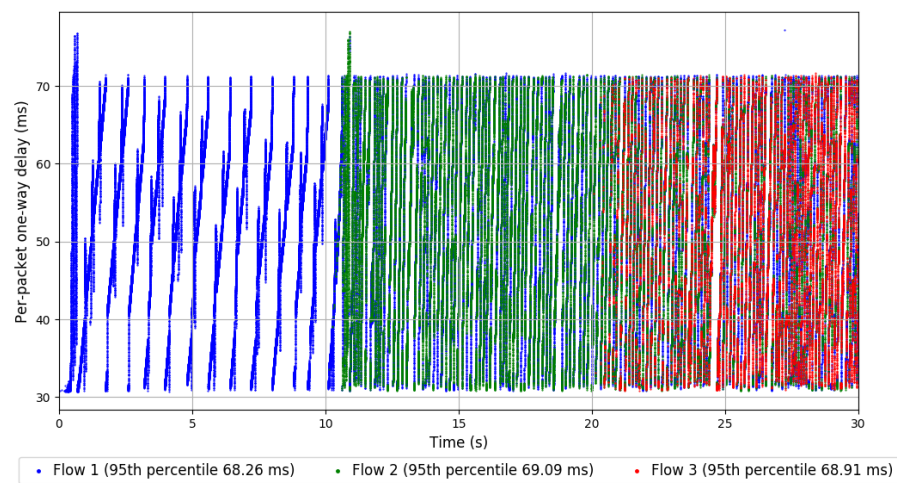
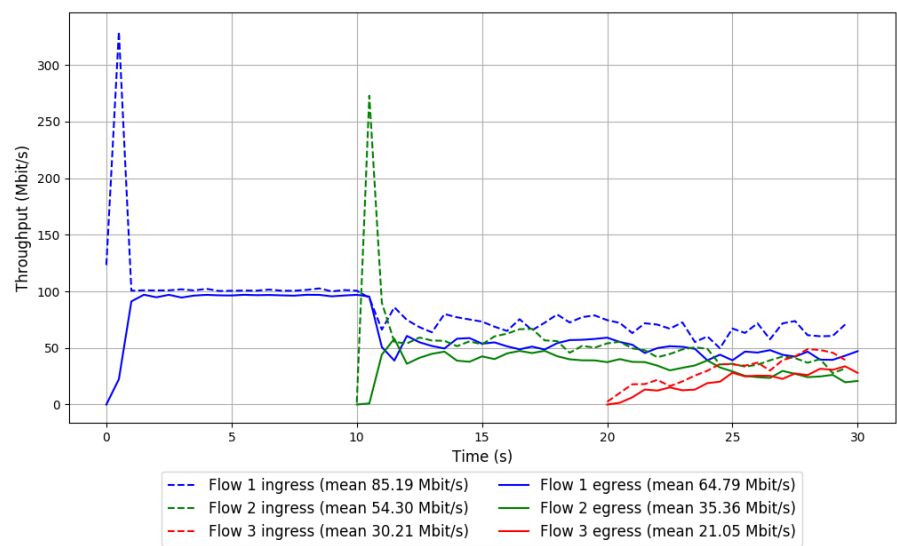


Run 5: Statistics of FillP

Start at: 2018-08-09 10:22:03
End at: 2018-08-09 10:22:33
Local clock offset: -1.399 ms
Remote clock offset: -1.132 ms

Below is generated by plot.py at 2018-08-09 12:40:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 68.539 ms
Loss rate: 27.42%
-- Flow 1:
Average throughput: 64.79 Mbit/s
95th percentile per-packet one-way delay: 68.260 ms
Loss rate: 23.89%
-- Flow 2:
Average throughput: 35.36 Mbit/s
95th percentile per-packet one-way delay: 69.086 ms
Loss rate: 34.93%
-- Flow 3:
Average throughput: 21.05 Mbit/s
95th percentile per-packet one-way delay: 68.909 ms
Loss rate: 30.34%

Run 5: Report of FillP — Data Link

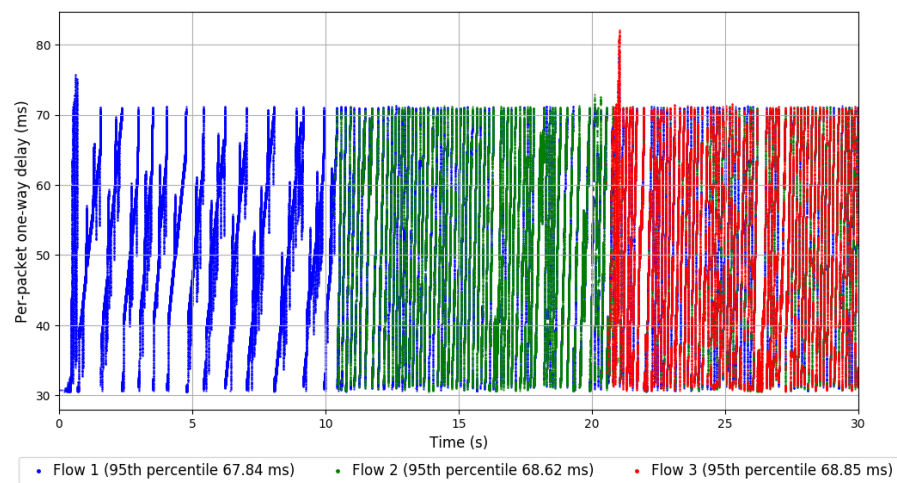
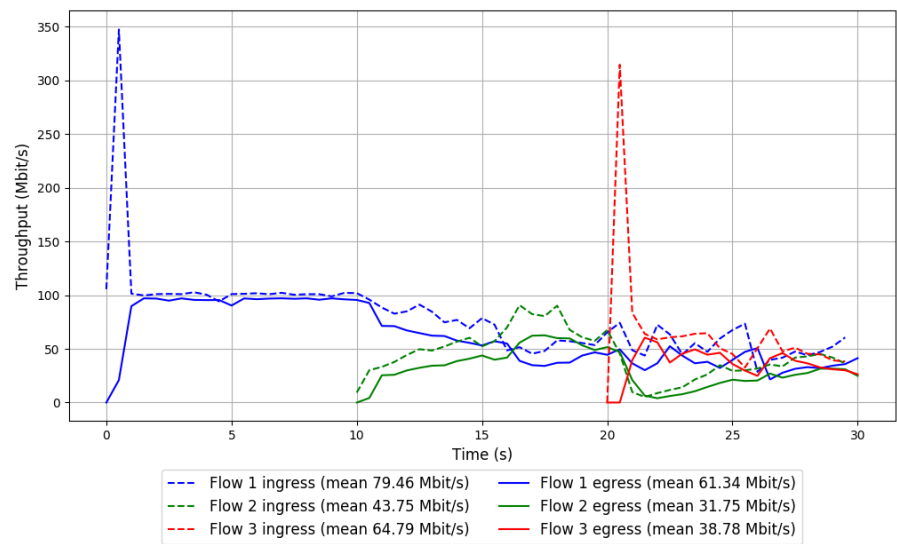


Run 6: Statistics of FillP

Start at: 2018-08-09 10:44:59
End at: 2018-08-09 10:45:29
Local clock offset: 0.695 ms
Remote clock offset: -0.505 ms

Below is generated by plot.py at 2018-08-09 12:40:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 68.188 ms
Loss rate: 26.94%
-- Flow 1:
Average throughput: 61.34 Mbit/s
95th percentile per-packet one-way delay: 67.837 ms
Loss rate: 22.80%
-- Flow 2:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 68.621 ms
Loss rate: 27.48%
-- Flow 3:
Average throughput: 38.78 Mbit/s
95th percentile per-packet one-way delay: 68.847 ms
Loss rate: 41.49%

Run 6: Report of FillP — Data Link

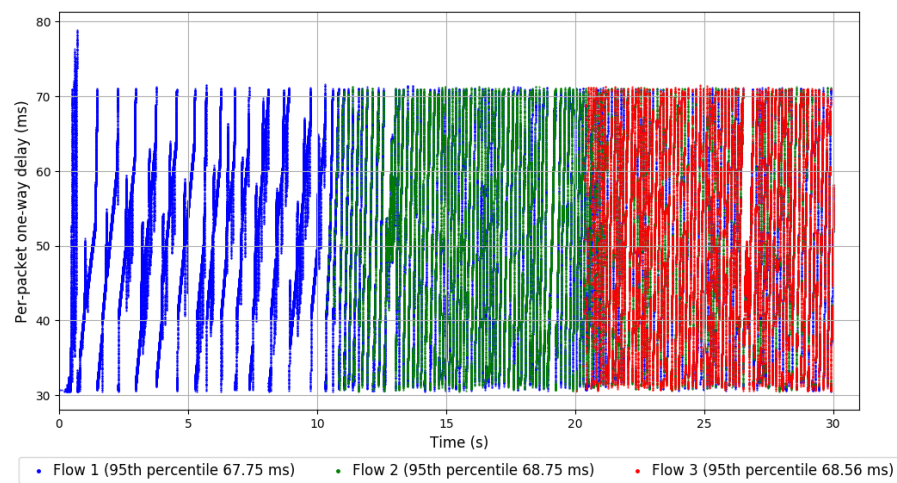
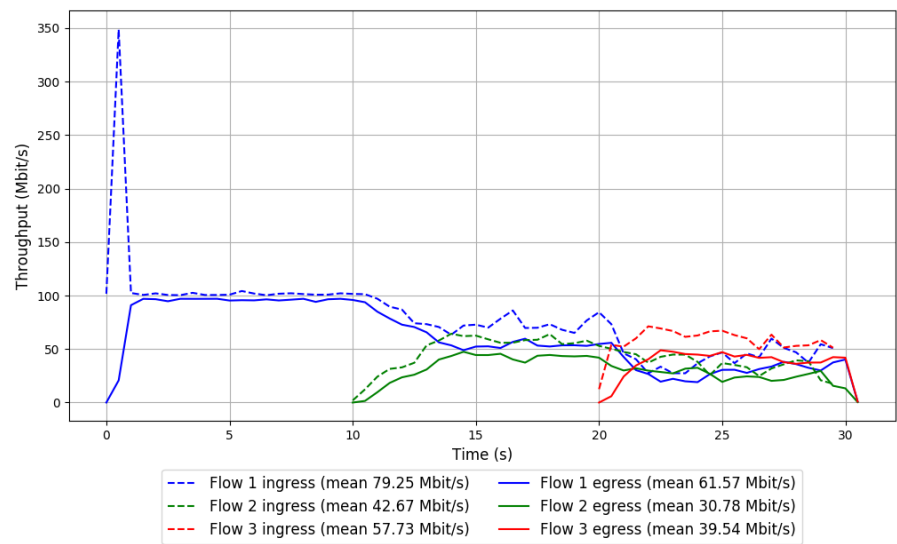


Run 7: Statistics of FillP

Start at: 2018-08-09 11:07:53
End at: 2018-08-09 11:08:23
Local clock offset: 0.662 ms
Remote clock offset: -0.459 ms

Below is generated by plot.py at 2018-08-09 12:40:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 68.193 ms
Loss rate: 24.87%
-- Flow 1:
Average throughput: 61.57 Mbit/s
95th percentile per-packet one-way delay: 67.754 ms
Loss rate: 22.24%
-- Flow 2:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 68.753 ms
Loss rate: 27.86%
-- Flow 3:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 68.563 ms
Loss rate: 31.32%

Run 7: Report of FillP — Data Link

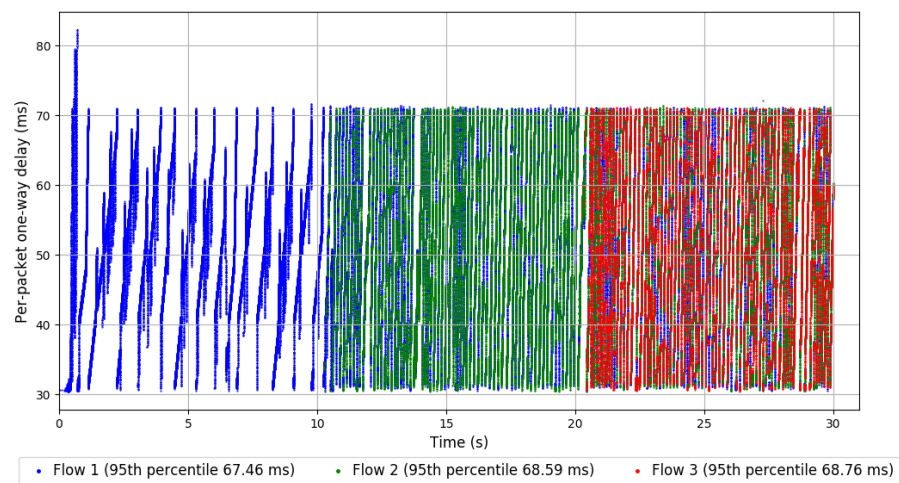
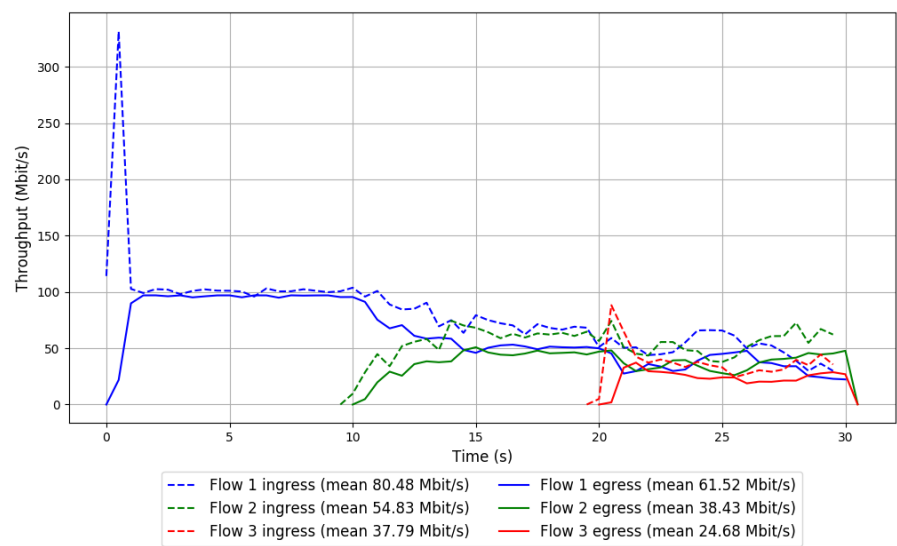


Run 8: Statistics of FillP

Start at: 2018-08-09 11:30:48
End at: 2018-08-09 11:31:18
Local clock offset: 0.408 ms
Remote clock offset: -0.671 ms

Below is generated by plot.py at 2018-08-09 12:40:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 67.983 ms
Loss rate: 26.36%
-- Flow 1:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 67.462 ms
Loss rate: 23.48%
-- Flow 2:
Average throughput: 38.43 Mbit/s
95th percentile per-packet one-way delay: 68.595 ms
Loss rate: 29.82%
-- Flow 3:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 68.757 ms
Loss rate: 34.71%

Run 8: Report of FillP — Data Link

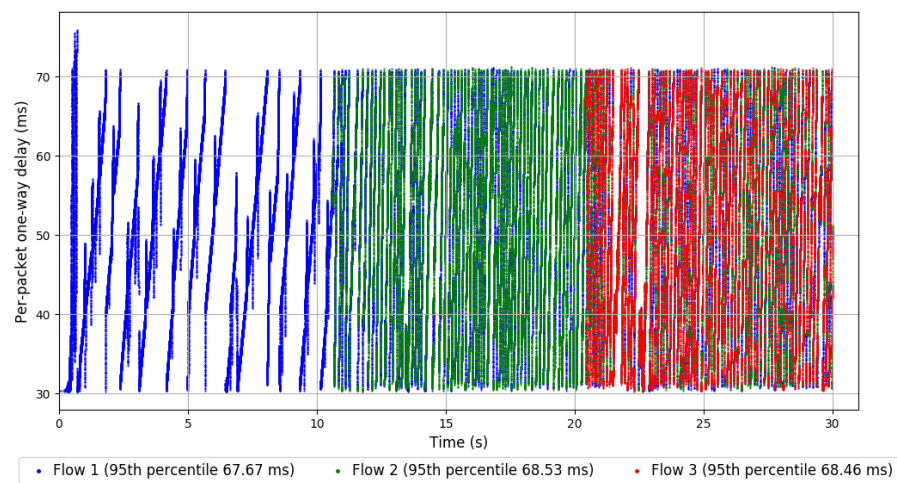
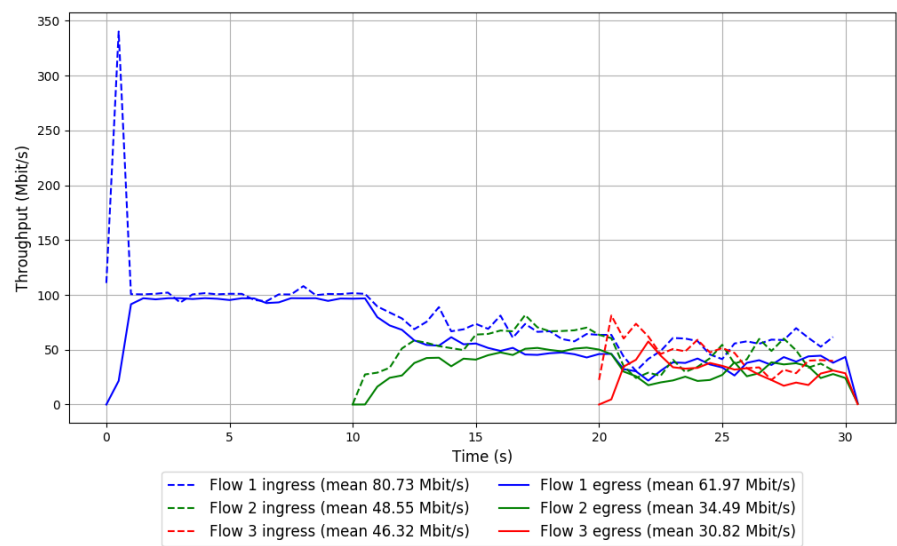


Run 9: Statistics of FillP

Start at: 2018-08-09 11:54:00
End at: 2018-08-09 11:54:30
Local clock offset: 0.316 ms
Remote clock offset: -0.763 ms

Below is generated by plot.py at 2018-08-09 12:41:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 68.012 ms
Loss rate: 25.86%
-- Flow 1:
Average throughput: 61.97 Mbit/s
95th percentile per-packet one-way delay: 67.668 ms
Loss rate: 23.19%
-- Flow 2:
Average throughput: 34.49 Mbit/s
95th percentile per-packet one-way delay: 68.525 ms
Loss rate: 28.98%
-- Flow 3:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 68.464 ms
Loss rate: 33.34%

Run 9: Report of FillP — Data Link

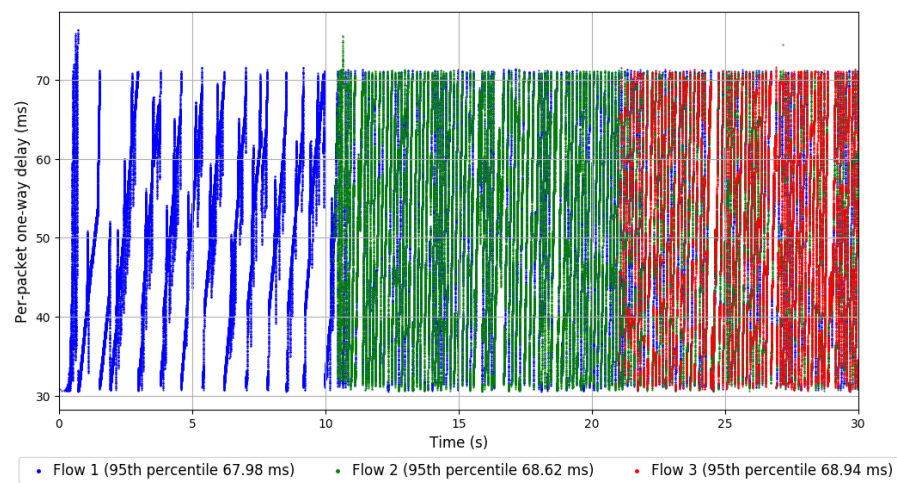
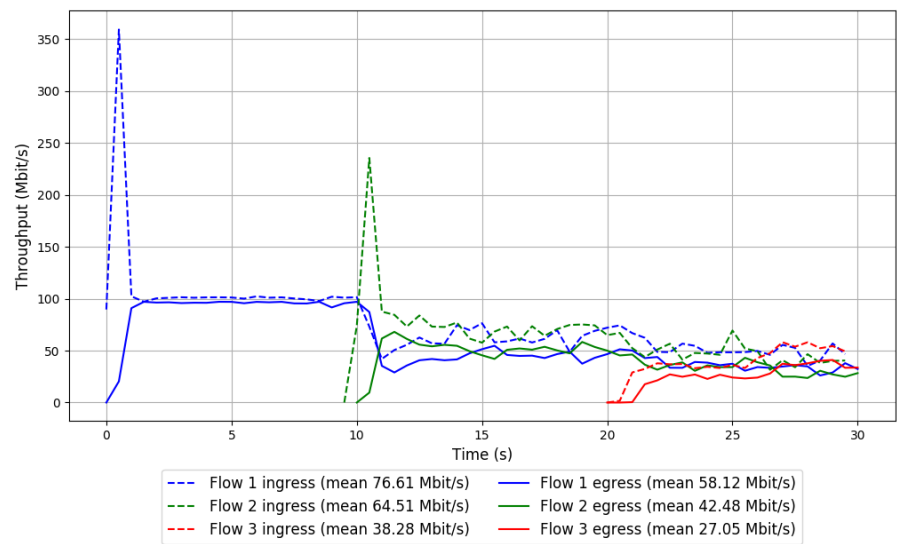


Run 10: Statistics of FillP

Start at: 2018-08-09 12:17:02
End at: 2018-08-09 12:17:32
Local clock offset: 0.222 ms
Remote clock offset: -0.617 ms

Below is generated by plot.py at 2018-08-09 12:41:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 68.316 ms
Loss rate: 28.03%
-- Flow 1:
Average throughput: 58.12 Mbit/s
95th percentile per-packet one-way delay: 67.976 ms
Loss rate: 24.12%
-- Flow 2:
Average throughput: 42.48 Mbit/s
95th percentile per-packet one-way delay: 68.617 ms
Loss rate: 34.16%
-- Flow 3:
Average throughput: 27.05 Mbit/s
95th percentile per-packet one-way delay: 68.945 ms
Loss rate: 30.84%

Run 10: Report of FillP — Data Link

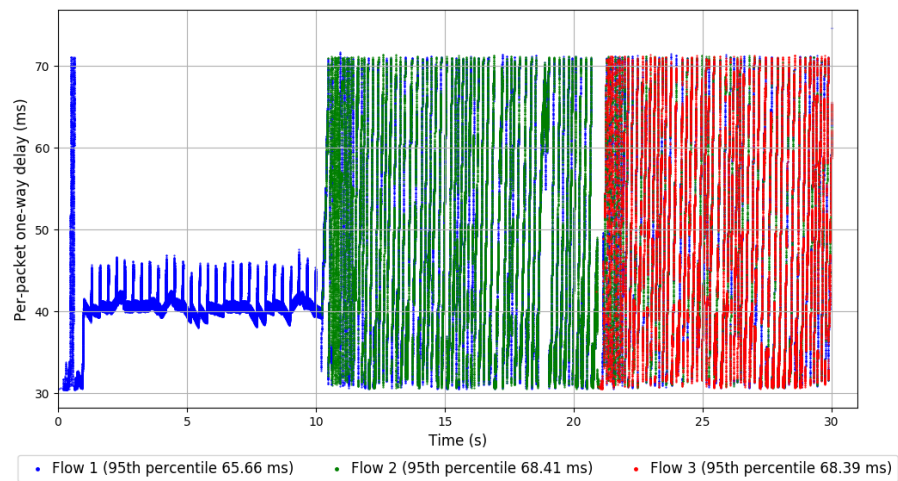
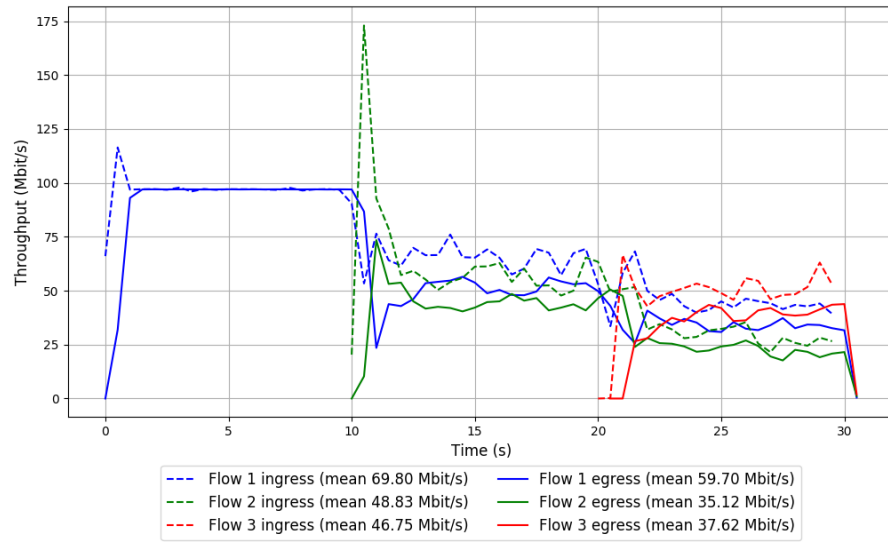


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-09 08:53:18
End at: 2018-08-09 08:53:48
Local clock offset: -2.172 ms
Remote clock offset: -1.892 ms

Below is generated by plot.py at 2018-08-09 12:41:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 67.242 ms
Loss rate: 19.64%
-- Flow 1:
Average throughput: 59.70 Mbit/s
95th percentile per-packet one-way delay: 65.663 ms
Loss rate: 14.37%
-- Flow 2:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 68.411 ms
Loss rate: 27.98%
-- Flow 3:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 68.391 ms
Loss rate: 25.87%

Run 1: Report of FillP-Sheep — Data Link

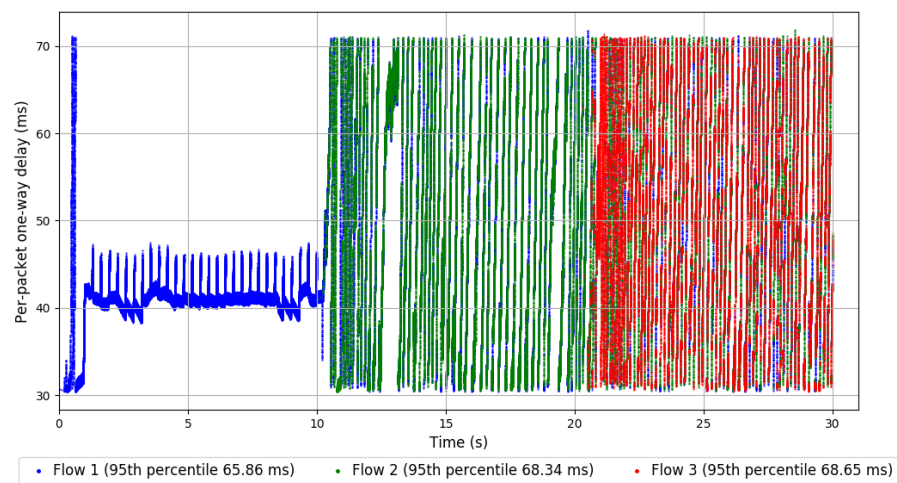
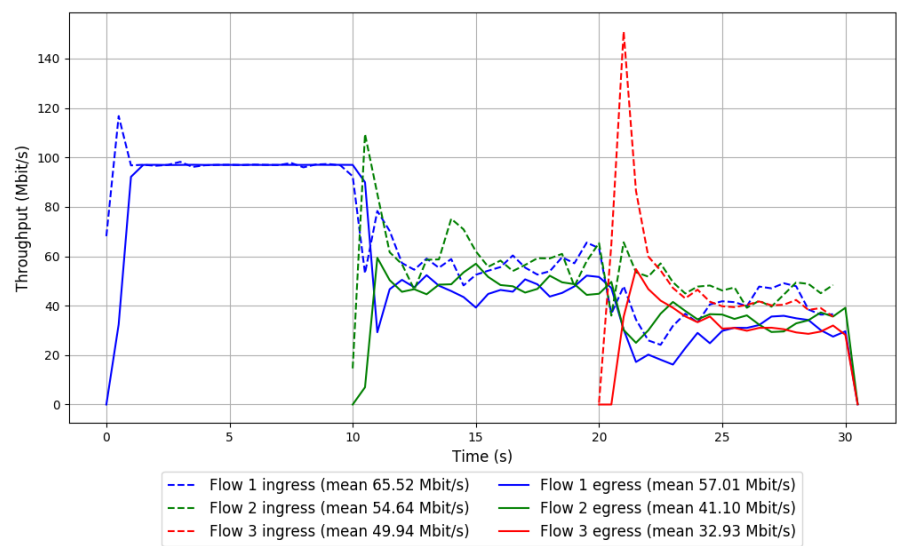


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-09 09:16:11
End at: 2018-08-09 09:16:41
Local clock offset: 1.312 ms
Remote clock offset: -1.571 ms

Below is generated by plot.py at 2018-08-09 12:41:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 67.317 ms
Loss rate: 19.51%
-- Flow 1:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 65.858 ms
Loss rate: 12.94%
-- Flow 2:
Average throughput: 41.10 Mbit/s
95th percentile per-packet one-way delay: 68.344 ms
Loss rate: 24.74%
-- Flow 3:
Average throughput: 32.93 Mbit/s
95th percentile per-packet one-way delay: 68.653 ms
Loss rate: 34.02%

Run 2: Report of FillP-Sheep — Data Link

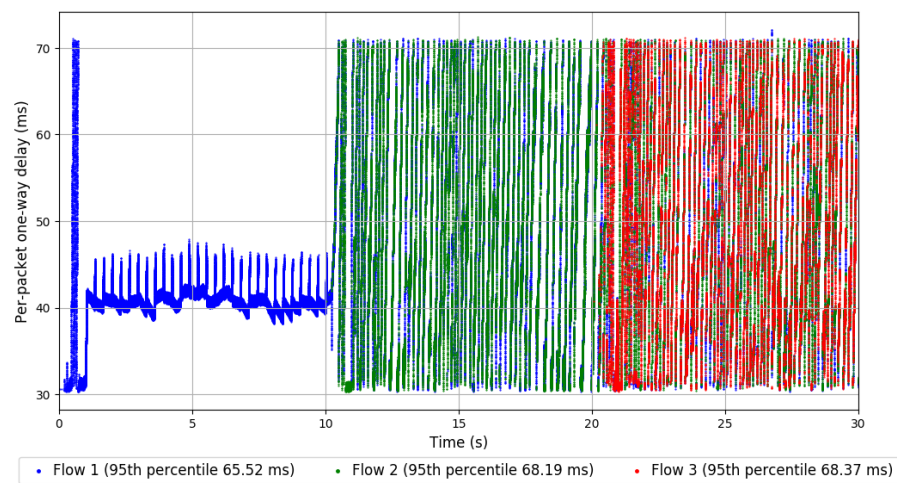
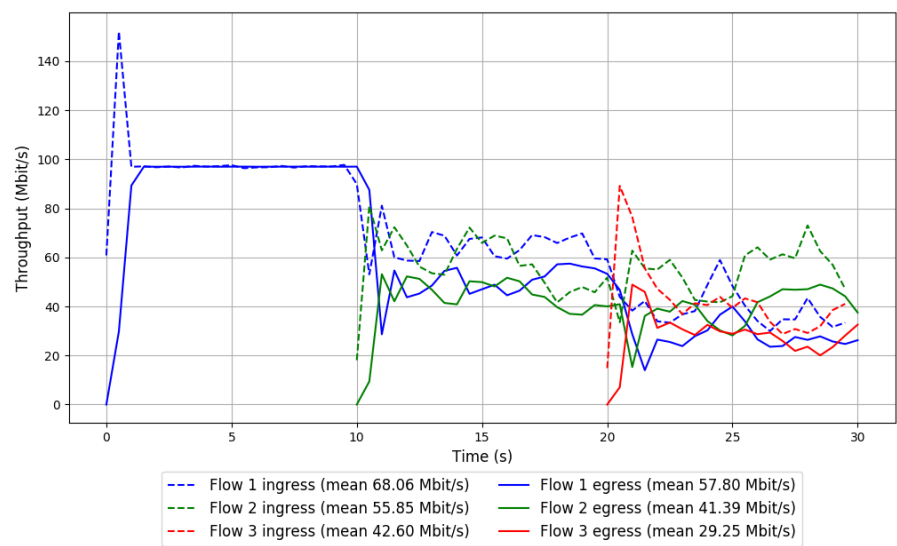


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-09 09:38:59
End at: 2018-08-09 09:39:29
Local clock offset: 1.052 ms
Remote clock offset: -0.617 ms

Below is generated by plot.py at 2018-08-09 12:41:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 67.018 ms
Loss rate: 20.39%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 65.515 ms
Loss rate: 15.08%
-- Flow 2:
Average throughput: 41.39 Mbit/s
95th percentile per-packet one-way delay: 68.193 ms
Loss rate: 25.92%
-- Flow 3:
Average throughput: 29.25 Mbit/s
95th percentile per-packet one-way delay: 68.370 ms
Loss rate: 31.40%

Run 3: Report of FillP-Sheep — Data Link

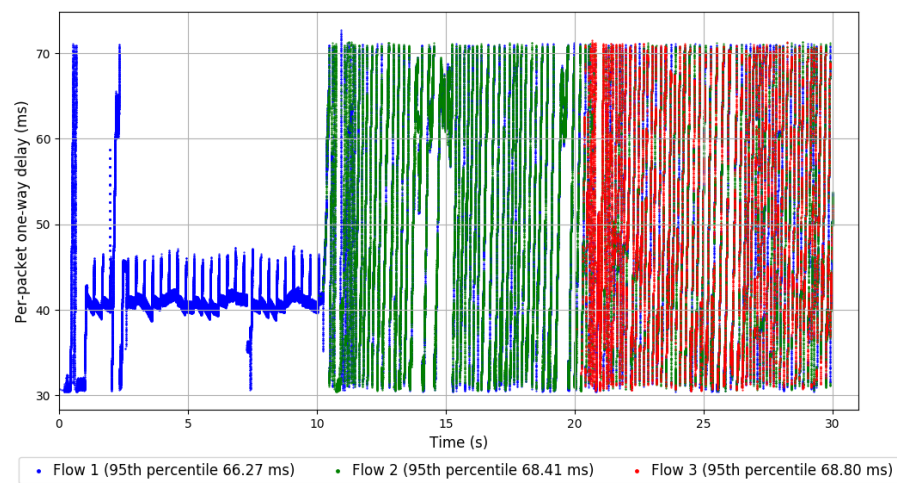
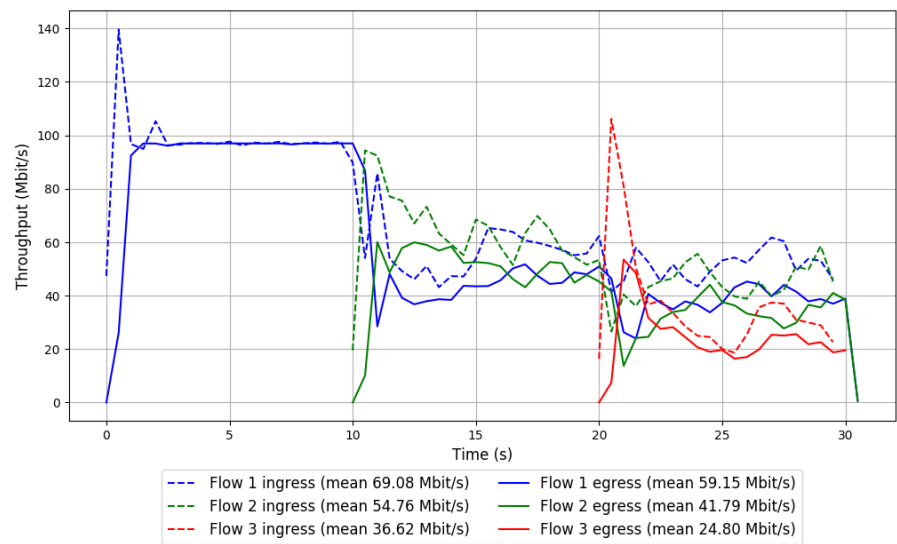


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-09 10:01:53
End at: 2018-08-09 10:02:23
Local clock offset: -2.346 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-08-09 12:41:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.19 Mbit/s
95th percentile per-packet one-way delay: 67.456 ms
Loss rate: 19.05%
-- Flow 1:
Average throughput: 59.15 Mbit/s
95th percentile per-packet one-way delay: 66.270 ms
Loss rate: 14.31%
-- Flow 2:
Average throughput: 41.79 Mbit/s
95th percentile per-packet one-way delay: 68.407 ms
Loss rate: 23.65%
-- Flow 3:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 68.795 ms
Loss rate: 32.20%

Run 4: Report of FillP-Sheep — Data Link

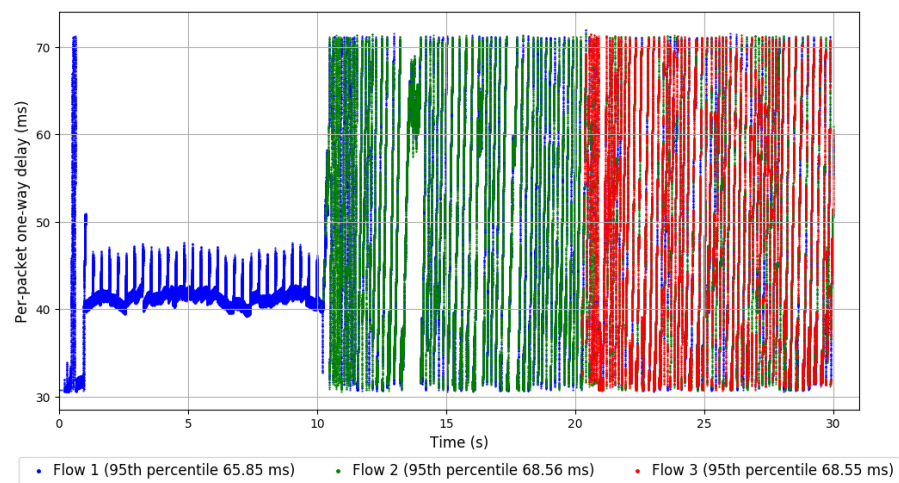
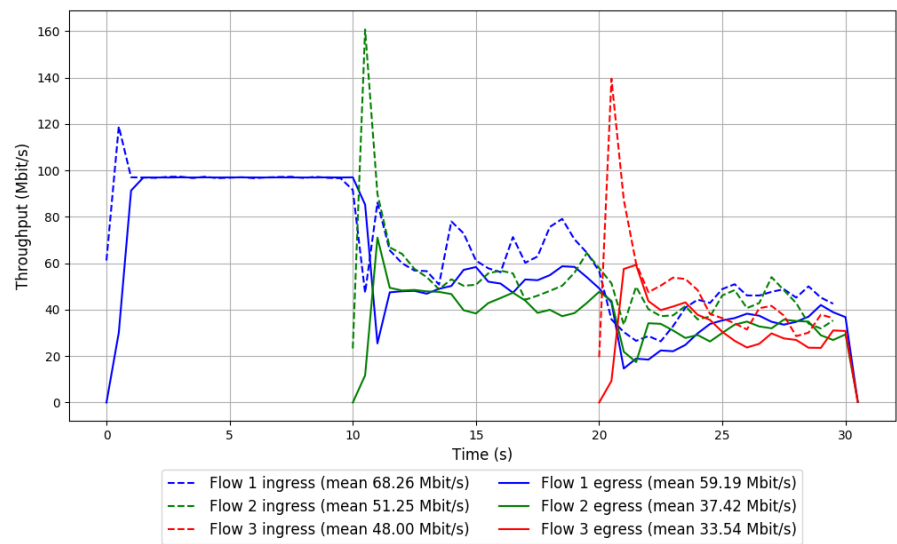


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-09 10:24:46
End at: 2018-08-09 10:25:16
Local clock offset: -0.803 ms
Remote clock offset: -1.058 ms

Below is generated by plot.py at 2018-08-09 12:41:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 67.399 ms
Loss rate: 19.41%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 65.852 ms
Loss rate: 13.19%
-- Flow 2:
Average throughput: 37.42 Mbit/s
95th percentile per-packet one-way delay: 68.558 ms
Loss rate: 26.91%
-- Flow 3:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 68.554 ms
Loss rate: 29.95%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-08-09 10:47:41

End at: 2018-08-09 10:48:11

Local clock offset: 0.659 ms

Remote clock offset: -0.45 ms

Below is generated by plot.py at 2018-08-09 12:41:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.03 Mbit/s

95th percentile per-packet one-way delay: 67.570 ms

Loss rate: 20.22%

-- Flow 1:

Average throughput: 61.00 Mbit/s

95th percentile per-packet one-way delay: 66.649 ms

Loss rate: 15.38%

-- Flow 2:

Average throughput: 36.84 Mbit/s

95th percentile per-packet one-way delay: 68.482 ms

Loss rate: 26.09%

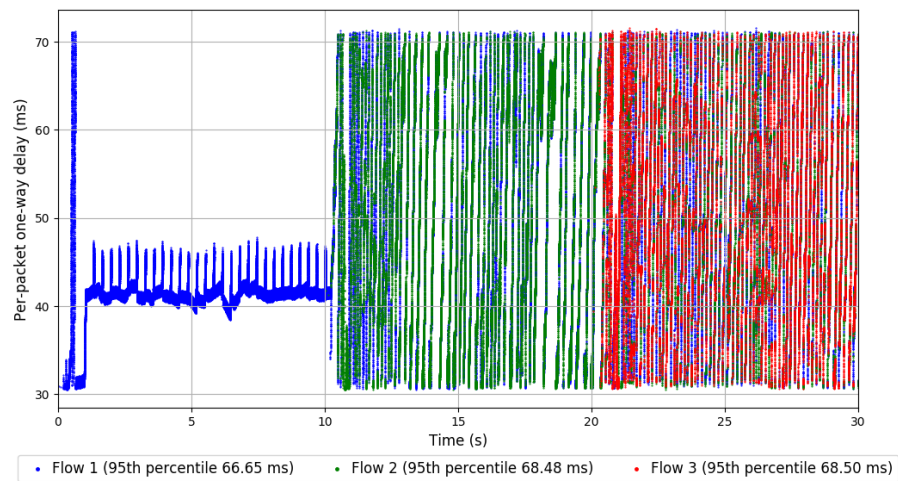
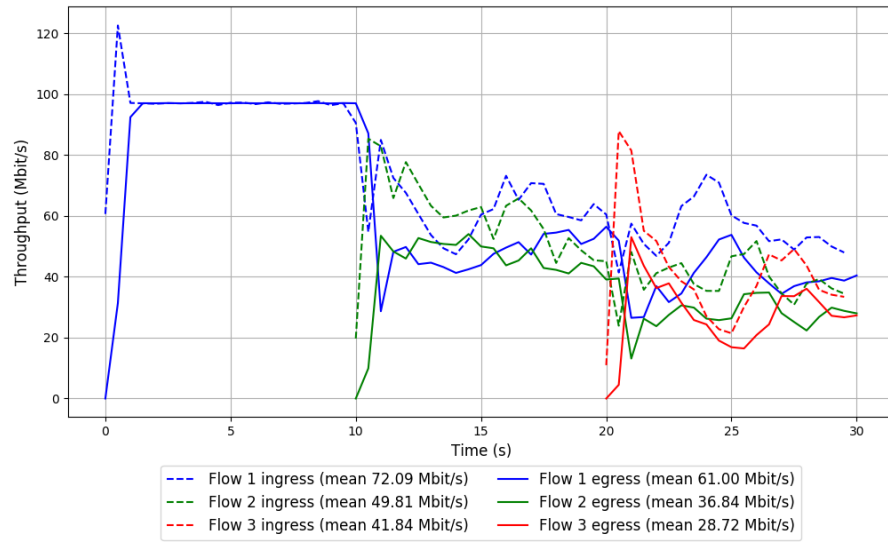
-- Flow 3:

Average throughput: 28.72 Mbit/s

95th percentile per-packet one-way delay: 68.505 ms

Loss rate: 31.39%

Run 6: Report of FillP-Sheep — Data Link

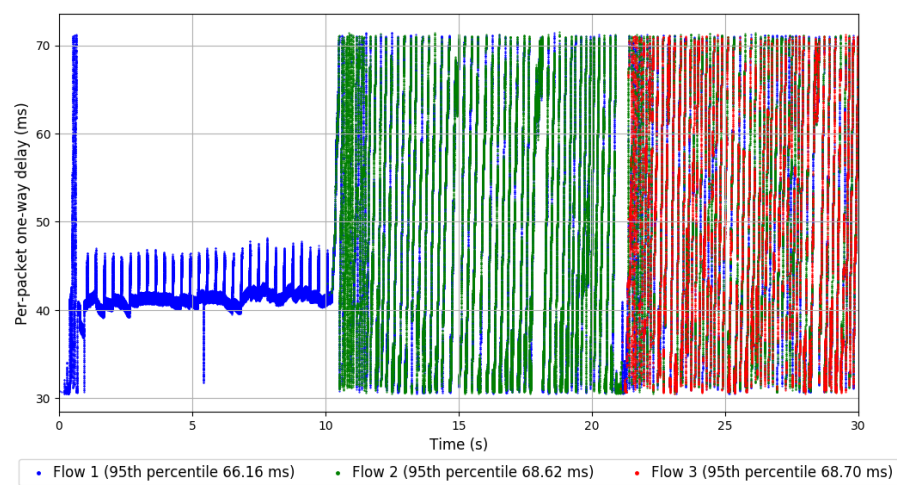
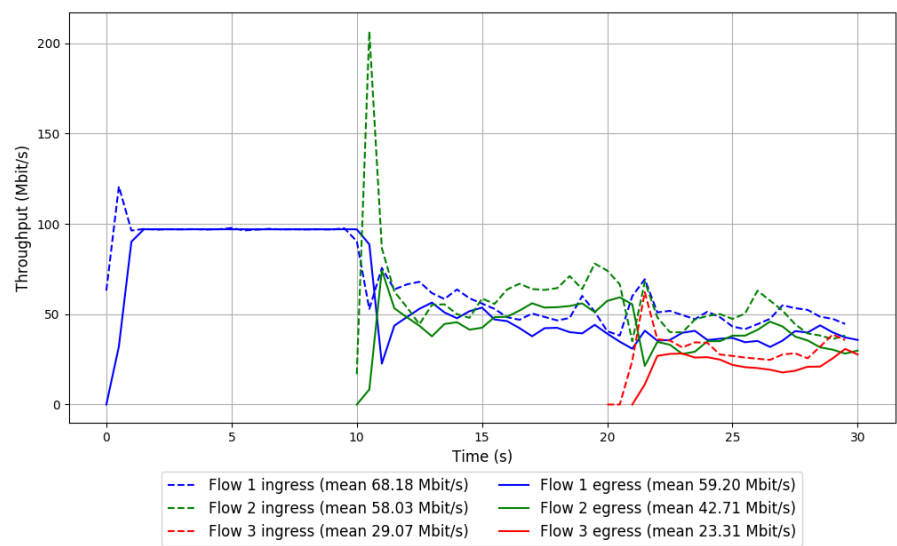


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-09 11:10:36
End at: 2018-08-09 11:11:06
Local clock offset: 0.63 ms
Remote clock offset: -0.436 ms

Below is generated by plot.py at 2018-08-09 12:42:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 67.533 ms
Loss rate: 18.77%
-- Flow 1:
Average throughput: 59.20 Mbit/s
95th percentile per-packet one-way delay: 66.157 ms
Loss rate: 13.14%
-- Flow 2:
Average throughput: 42.71 Mbit/s
95th percentile per-packet one-way delay: 68.617 ms
Loss rate: 26.43%
-- Flow 3:
Average throughput: 23.31 Mbit/s
95th percentile per-packet one-way delay: 68.705 ms
Loss rate: 27.91%

Run 7: Report of FillP-Sheep — Data Link

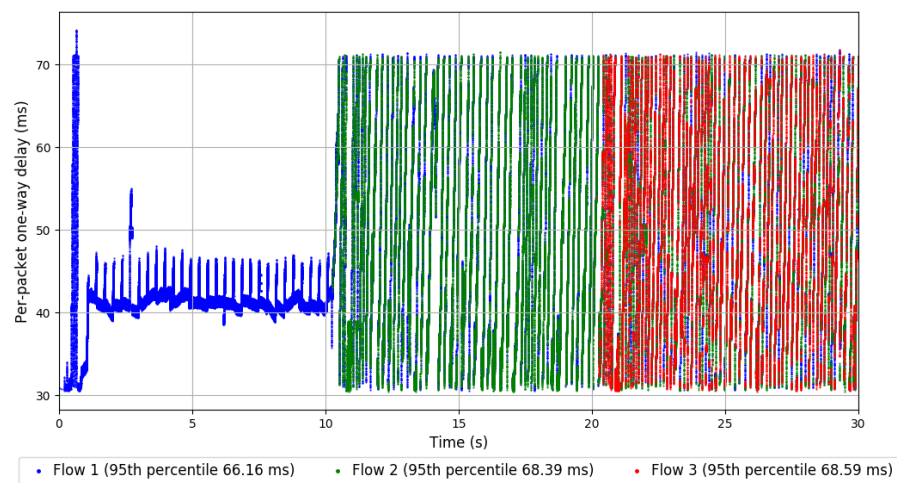
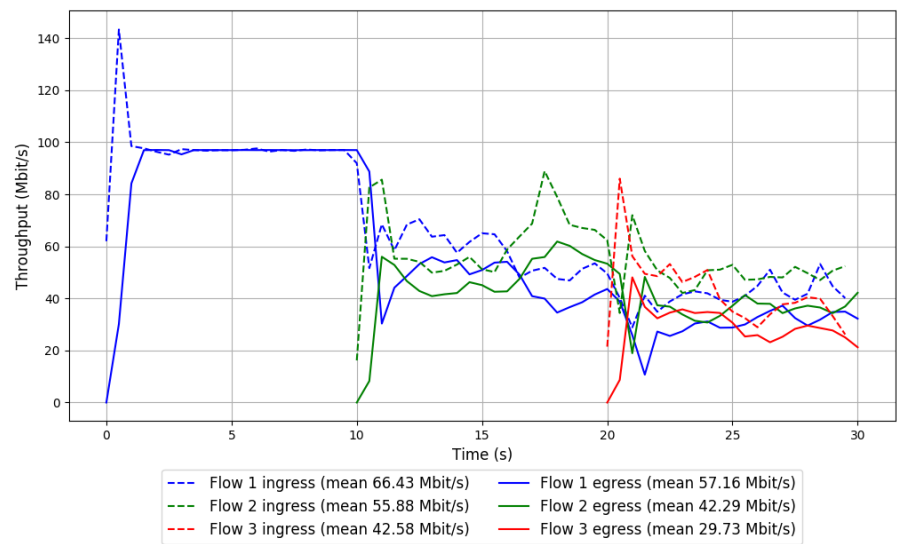


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-09 11:33:31
End at: 2018-08-09 11:34:01
Local clock offset: 0.416 ms
Remote clock offset: -0.583 ms

Below is generated by plot.py at 2018-08-09 12:43:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.14 Mbit/s
95th percentile per-packet one-way delay: 67.535 ms
Loss rate: 19.18%
-- Flow 1:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 66.161 ms
Loss rate: 13.94%
-- Flow 2:
Average throughput: 42.29 Mbit/s
95th percentile per-packet one-way delay: 68.393 ms
Loss rate: 24.37%
-- Flow 3:
Average throughput: 29.73 Mbit/s
95th percentile per-packet one-way delay: 68.591 ms
Loss rate: 30.19%

Run 8: Report of FillP-Sheep — Data Link

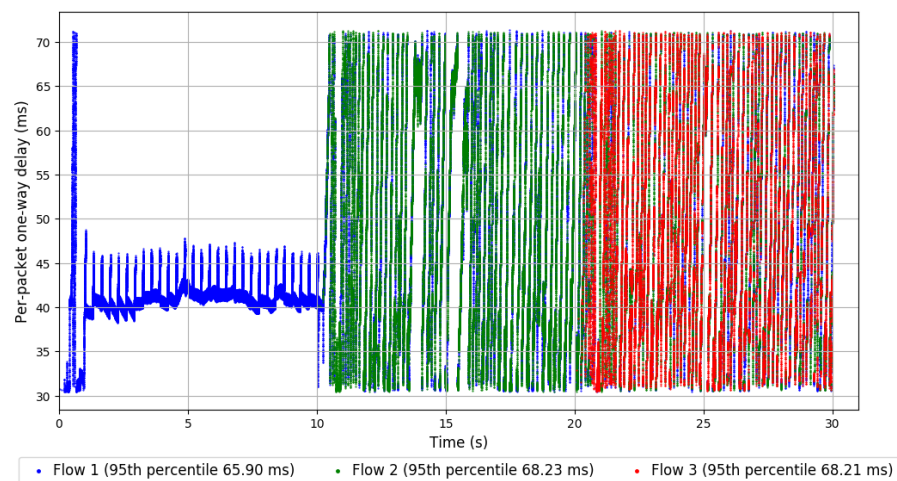
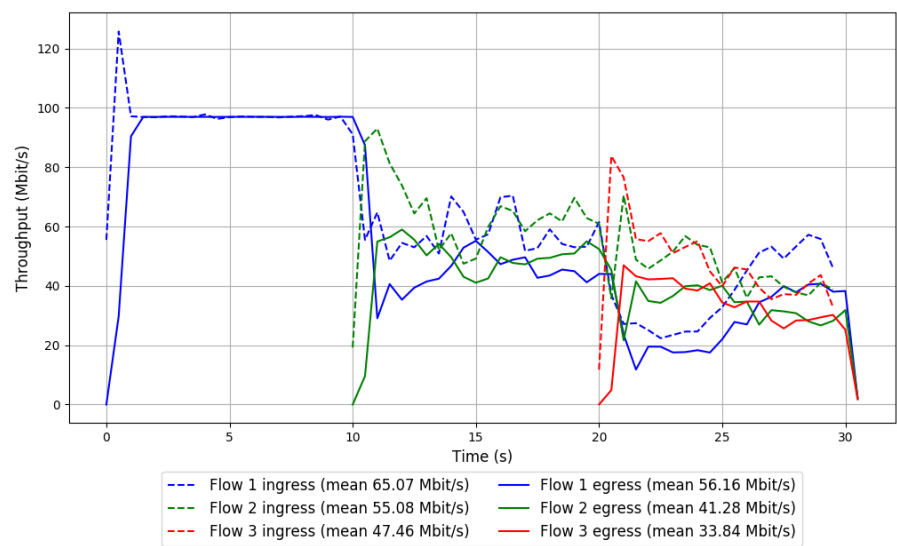


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-09 11:56:43
End at: 2018-08-09 11:57:13
Local clock offset: 0.283 ms
Remote clock offset: -0.577 ms

Below is generated by plot.py at 2018-08-09 12:43:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.88 Mbit/s
95th percentile per-packet one-way delay: 67.164 ms
Loss rate: 19.13%
-- Flow 1:
Average throughput: 56.16 Mbit/s
95th percentile per-packet one-way delay: 65.902 ms
Loss rate: 13.58%
-- Flow 2:
Average throughput: 41.28 Mbit/s
95th percentile per-packet one-way delay: 68.228 ms
Loss rate: 24.96%
-- Flow 3:
Average throughput: 33.84 Mbit/s
95th percentile per-packet one-way delay: 68.208 ms
Loss rate: 28.44%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-08-09 12:19:45

End at: 2018-08-09 12:20:15

Local clock offset: 0.249 ms

Remote clock offset: -0.6 ms

Below is generated by plot.py at 2018-08-09 12:43:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.31 Mbit/s

95th percentile per-packet one-way delay: 67.280 ms

Loss rate: 20.14%

-- Flow 1:

Average throughput: 58.50 Mbit/s

95th percentile per-packet one-way delay: 65.676 ms

Loss rate: 15.40%

-- Flow 2:

Average throughput: 41.35 Mbit/s

95th percentile per-packet one-way delay: 68.441 ms

Loss rate: 25.67%

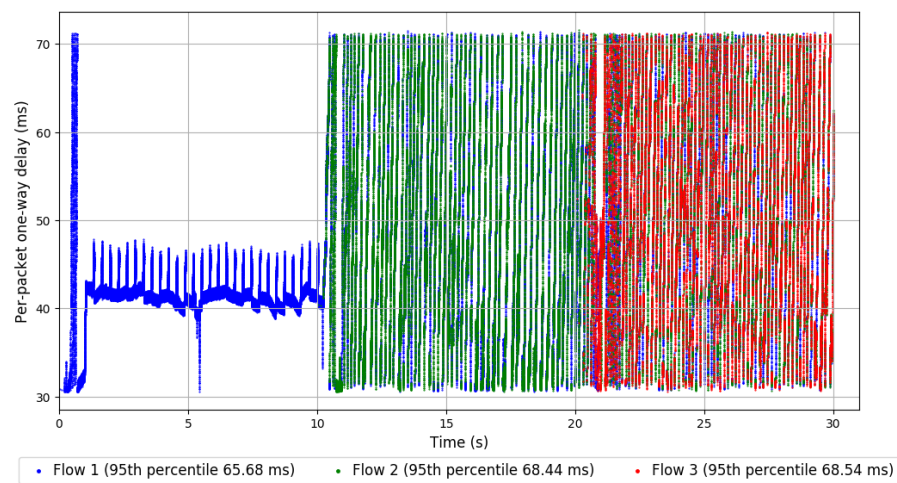
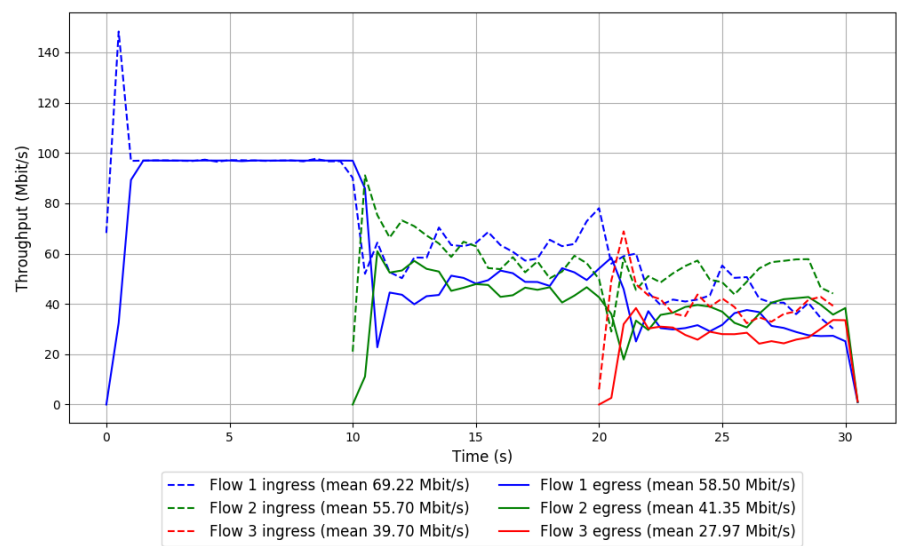
-- Flow 3:

Average throughput: 27.97 Mbit/s

95th percentile per-packet one-way delay: 68.541 ms

Loss rate: 29.48%

Run 10: Report of FillP-Sheep — Data Link

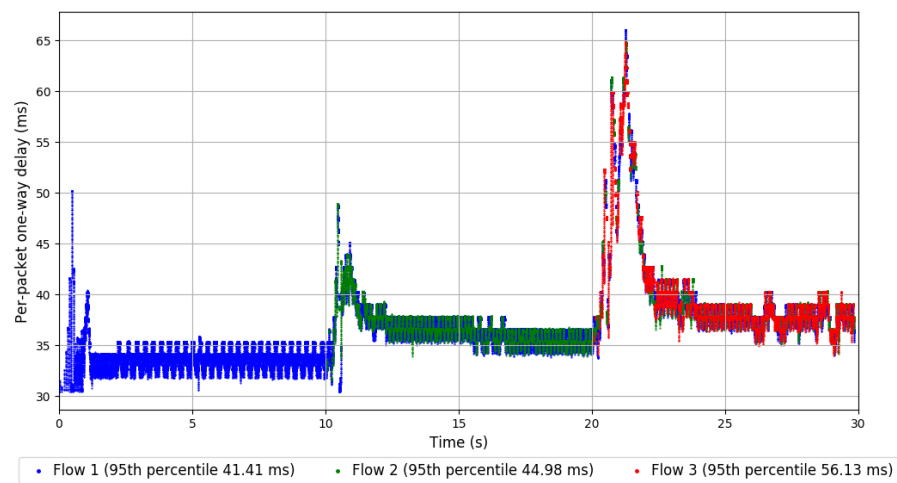
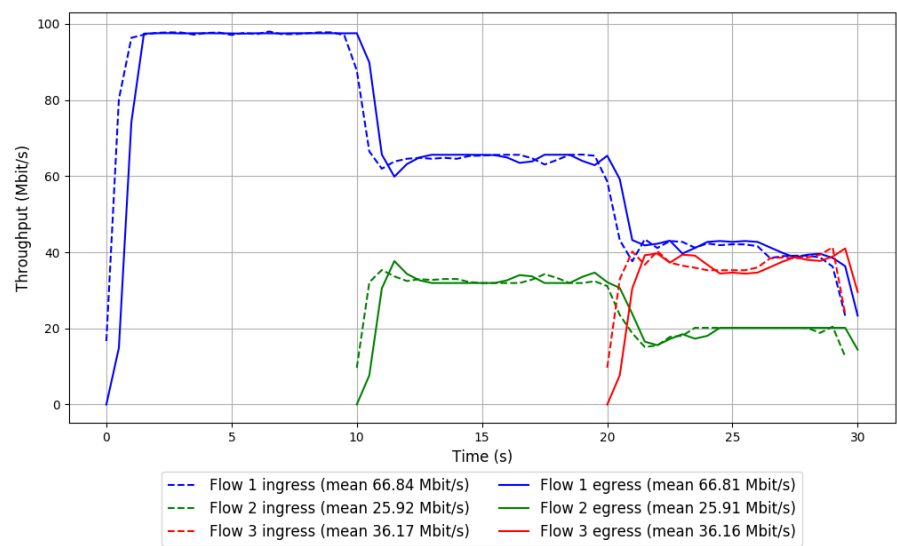


```
Run 1: Statistics of Indigo

Start at: 2018-08-09 08:42:36
End at: 2018-08-09 08:43:06
Local clock offset: -5.854 ms
Remote clock offset: -1.636 ms

# Below is generated by plot.py at 2018-08-09 12:43:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 43.735 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 66.81 Mbit/s
95th percentile per-packet one-way delay: 41.414 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 44.979 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.16 Mbit/s
95th percentile per-packet one-way delay: 56.130 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-08-09 09:05:28

End at: 2018-08-09 09:05:58

Local clock offset: 0.354 ms

Remote clock offset: -1.72 ms

Below is generated by plot.py at 2018-08-09 12:43:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 44.194 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 66.91 Mbit/s

95th percentile per-packet one-way delay: 42.785 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 30.06 Mbit/s

95th percentile per-packet one-way delay: 45.346 ms

Loss rate: 0.00%

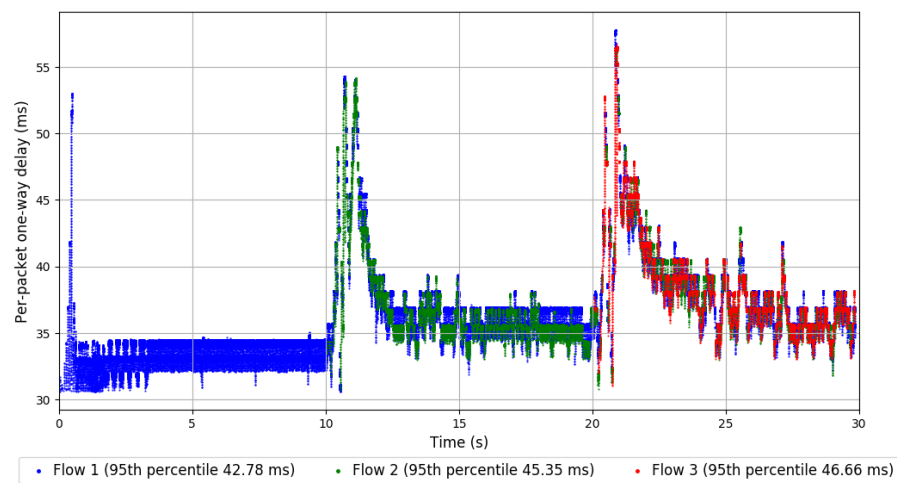
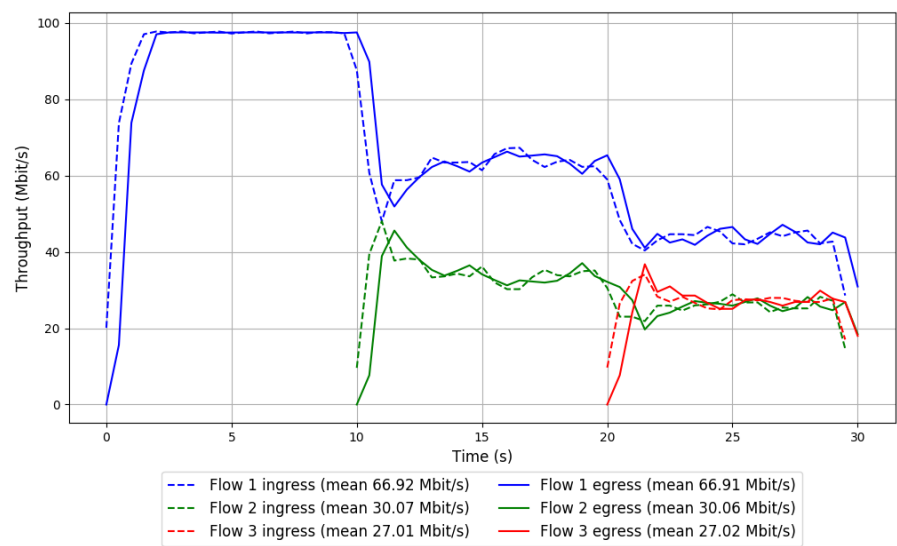
-- Flow 3:

Average throughput: 27.02 Mbit/s

95th percentile per-packet one-way delay: 46.658 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-08-09 09:28:19

End at: 2018-08-09 09:28:49

Local clock offset: 0.899 ms

Remote clock offset: -0.99 ms

Below is generated by plot.py at 2018-08-09 12:43:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 45.295 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 68.16 Mbit/s

95th percentile per-packet one-way delay: 43.965 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 27.33 Mbit/s

95th percentile per-packet one-way delay: 49.097 ms

Loss rate: 0.00%

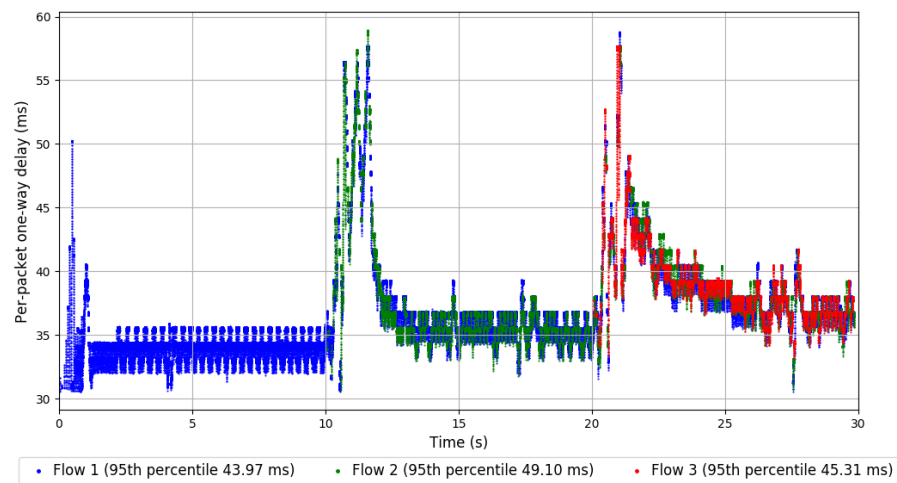
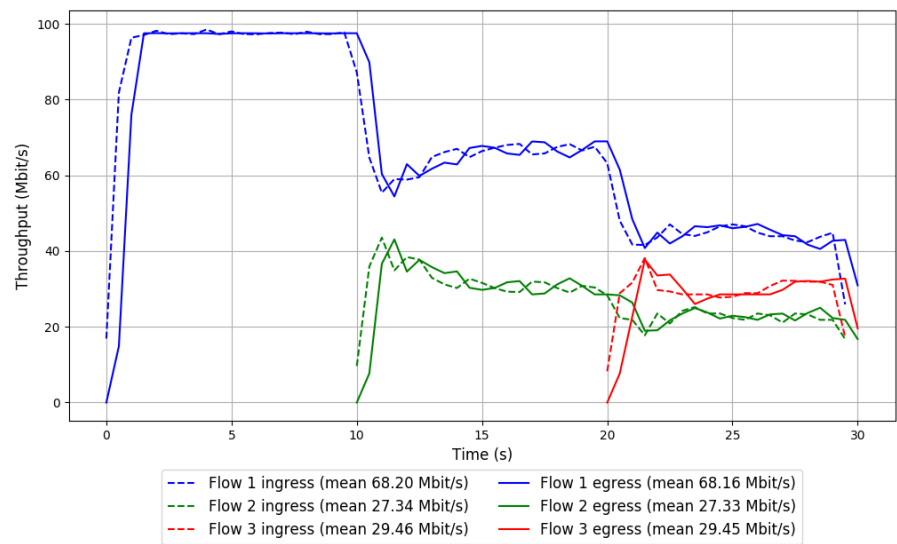
-- Flow 3:

Average throughput: 29.45 Mbit/s

95th percentile per-packet one-way delay: 45.308 ms

Loss rate: 0.01%

Run 3: Report of Indigo — Data Link

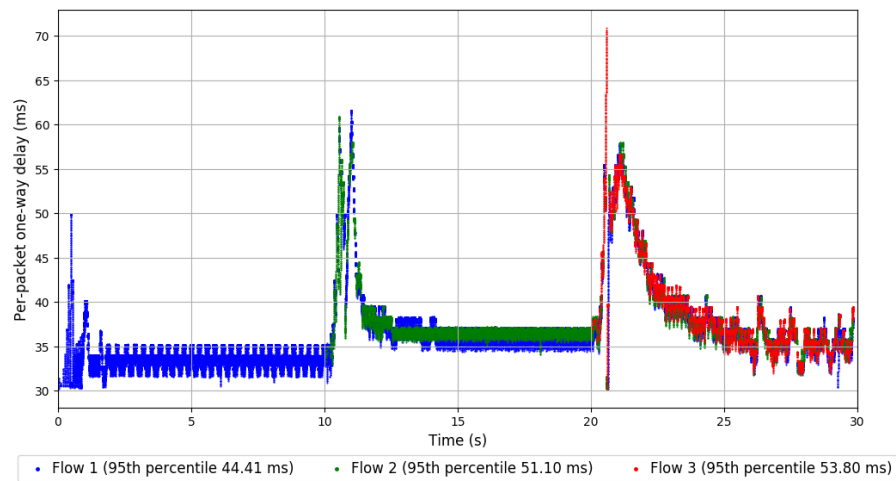
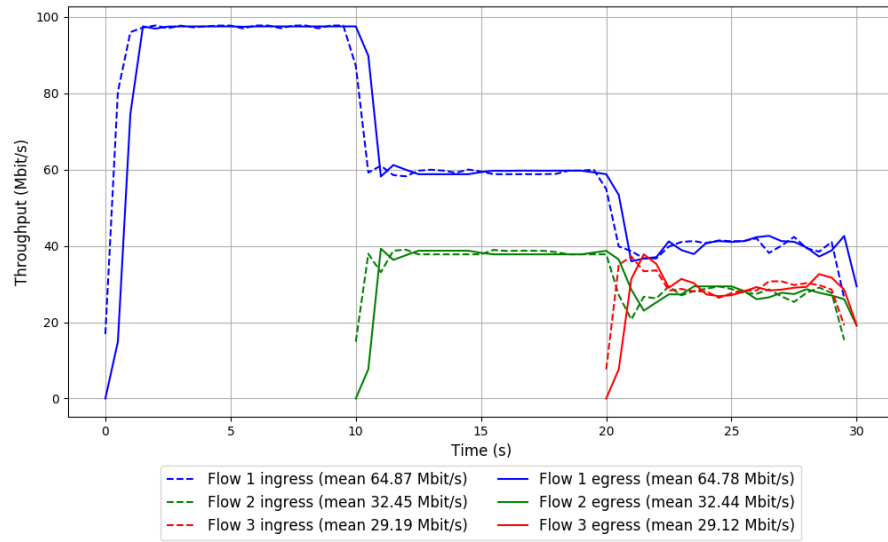


Run 4: Statistics of Indigo

Start at: 2018-08-09 09:51:09
End at: 2018-08-09 09:51:39
Local clock offset: -0.571 ms
Remote clock offset: -0.172 ms

Below is generated by plot.py at 2018-08-09 12:43:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 49.095 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 64.78 Mbit/s
95th percentile per-packet one-way delay: 44.405 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 32.44 Mbit/s
95th percentile per-packet one-way delay: 51.097 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 53.797 ms
Loss rate: 0.22%

Run 4: Report of Indigo — Data Link

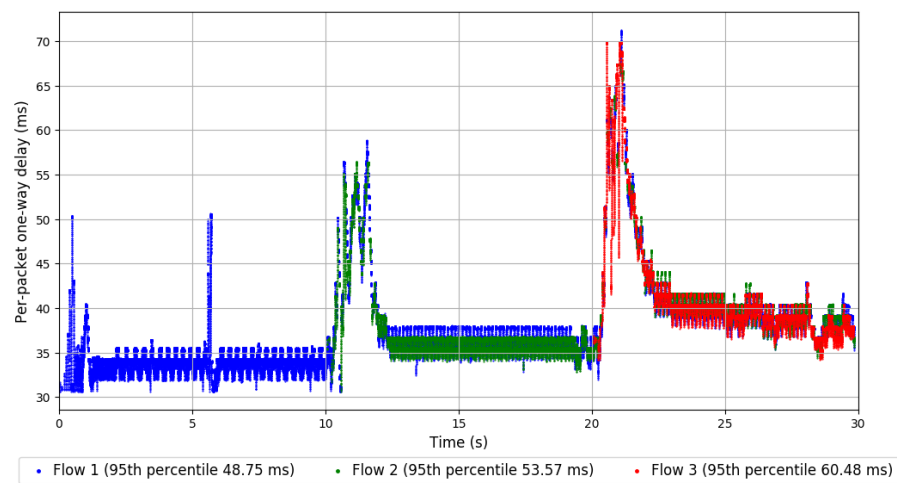
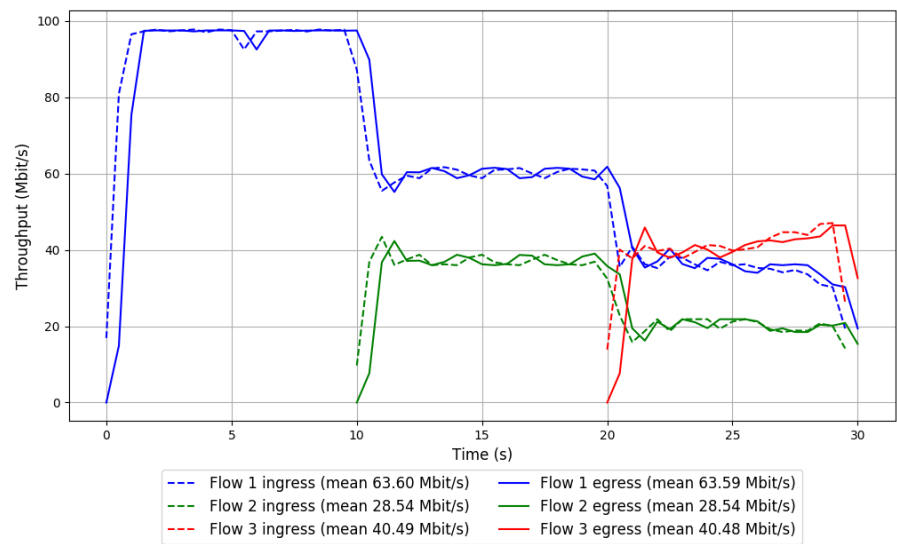


Run 5: Statistics of Indigo

Start at: 2018-08-09 10:14:04
End at: 2018-08-09 10:14:34
Local clock offset: -3.036 ms
Remote clock offset: -0.877 ms

Below is generated by plot.py at 2018-08-09 12:44:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 51.434 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.59 Mbit/s
95th percentile per-packet one-way delay: 48.751 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.54 Mbit/s
95th percentile per-packet one-way delay: 53.571 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 60.478 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

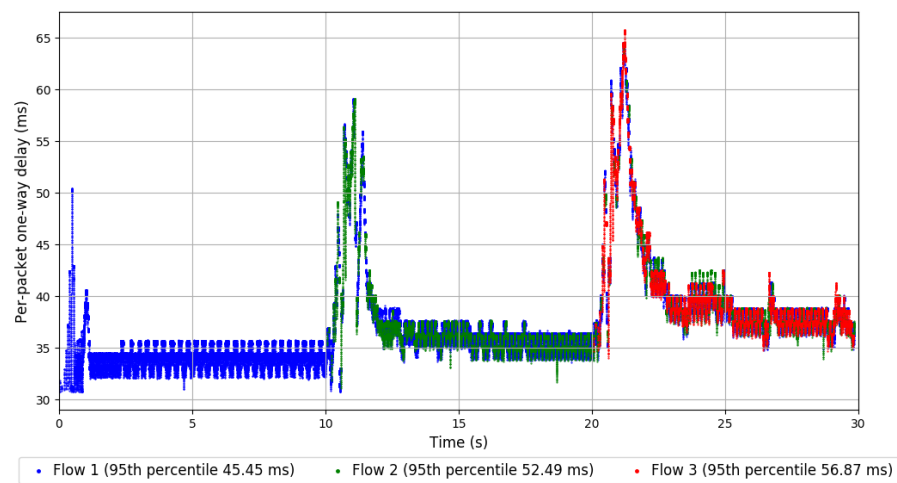
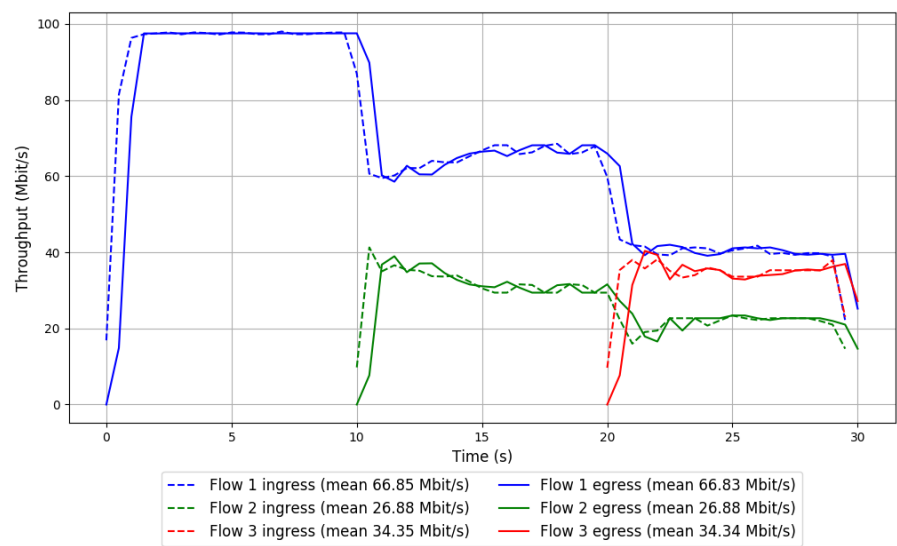


Run 6: Statistics of Indigo

Start at: 2018-08-09 10:36:57
End at: 2018-08-09 10:37:27
Local clock offset: 0.335 ms
Remote clock offset: -0.743 ms

Below is generated by plot.py at 2018-08-09 12:44:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 49.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 66.83 Mbit/s
95th percentile per-packet one-way delay: 45.445 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 52.495 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.34 Mbit/s
95th percentile per-packet one-way delay: 56.872 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

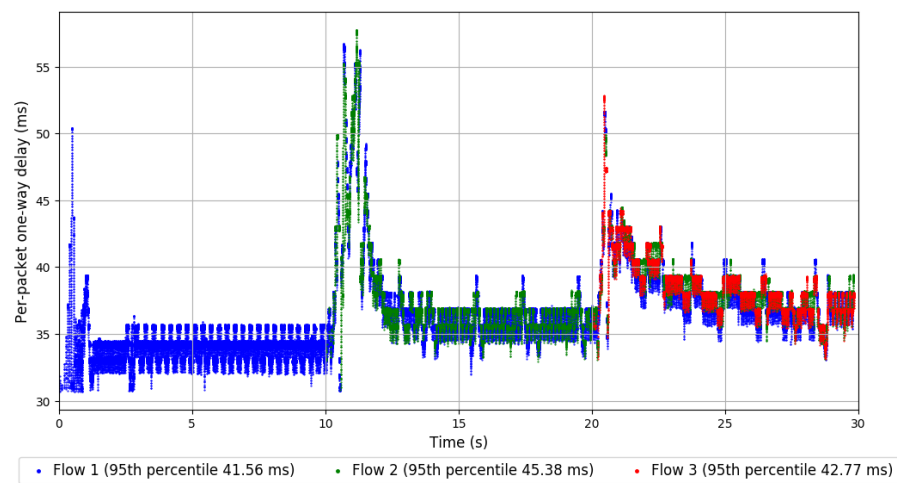
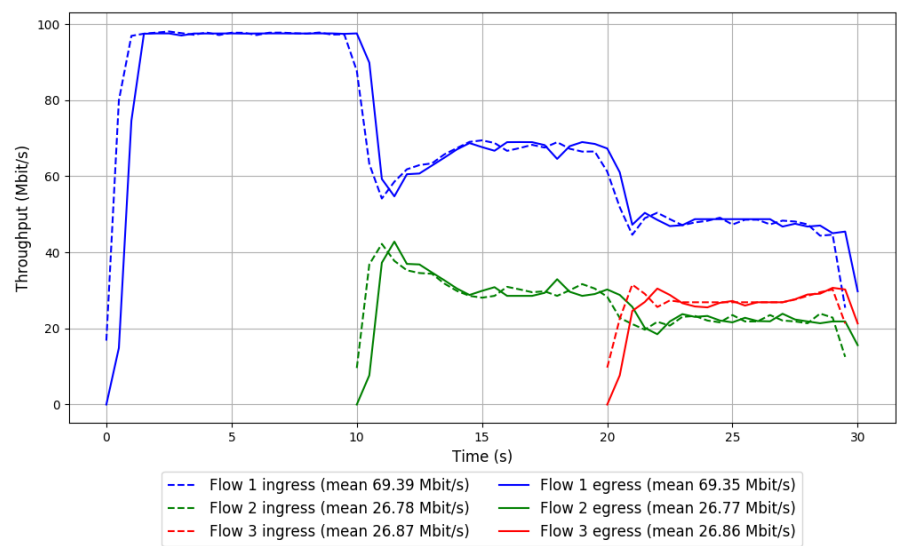


Run 7: Statistics of Indigo

Start at: 2018-08-09 10:59:52
End at: 2018-08-09 11:00:22
Local clock offset: 0.484 ms
Remote clock offset: -0.525 ms

Below is generated by plot.py at 2018-08-09 12:44:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 42.727 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 69.35 Mbit/s
95th percentile per-packet one-way delay: 41.558 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 26.77 Mbit/s
95th percentile per-packet one-way delay: 45.385 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 42.774 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

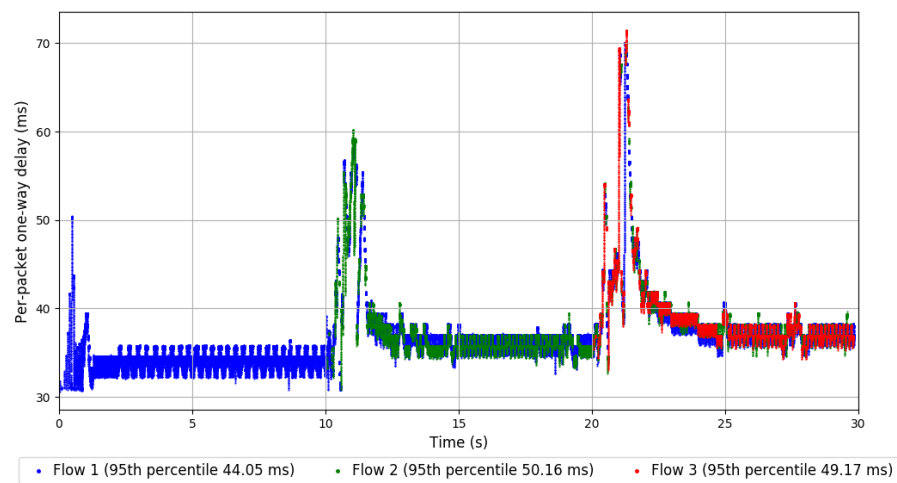
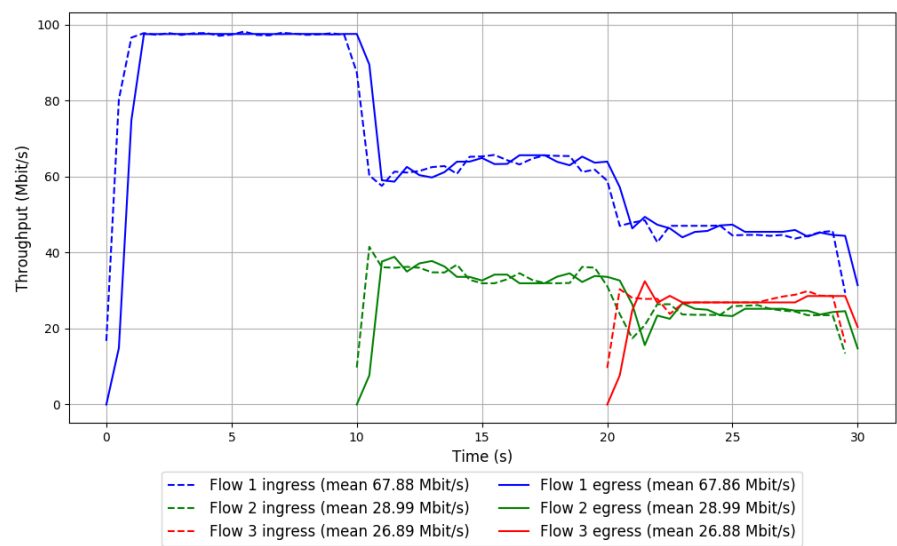


Run 8: Statistics of Indigo

Start at: 2018-08-09 11:22:47
End at: 2018-08-09 11:23:17
Local clock offset: 0.419 ms
Remote clock offset: -0.331 ms

```
# Below is generated by plot.py at 2018-08-09 12:44:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 46.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.86 Mbit/s
95th percentile per-packet one-way delay: 44.046 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.99 Mbit/s
95th percentile per-packet one-way delay: 50.160 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.88 Mbit/s
95th percentile per-packet one-way delay: 49.168 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

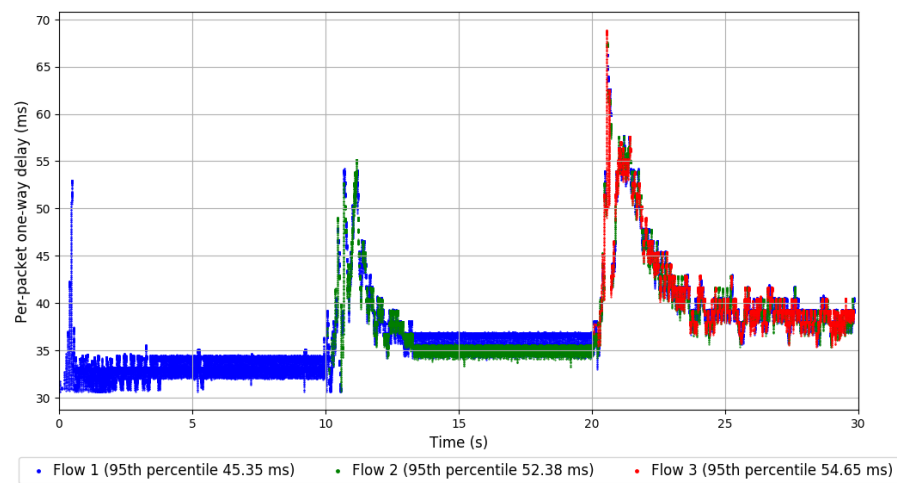
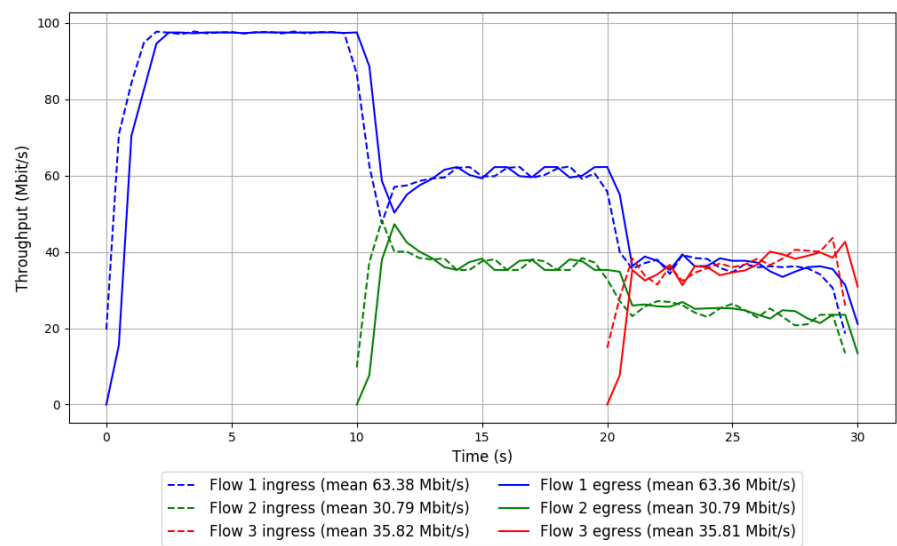


Run 9: Statistics of Indigo

Start at: 2018-08-09 11:45:58
End at: 2018-08-09 11:46:28
Local clock offset: 0.448 ms
Remote clock offset: -0.641 ms

Below is generated by plot.py at 2018-08-09 12:44:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 49.990 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.36 Mbit/s
95th percentile per-packet one-way delay: 45.350 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.79 Mbit/s
95th percentile per-packet one-way delay: 52.376 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 54.651 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

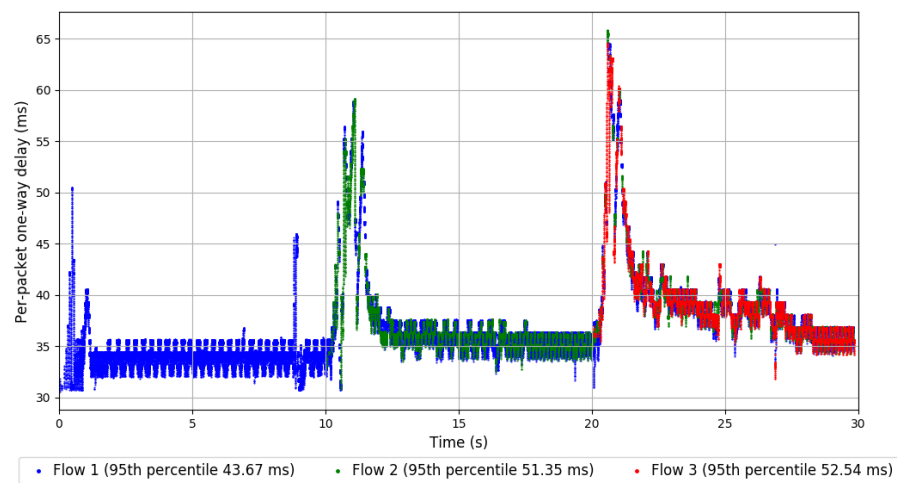
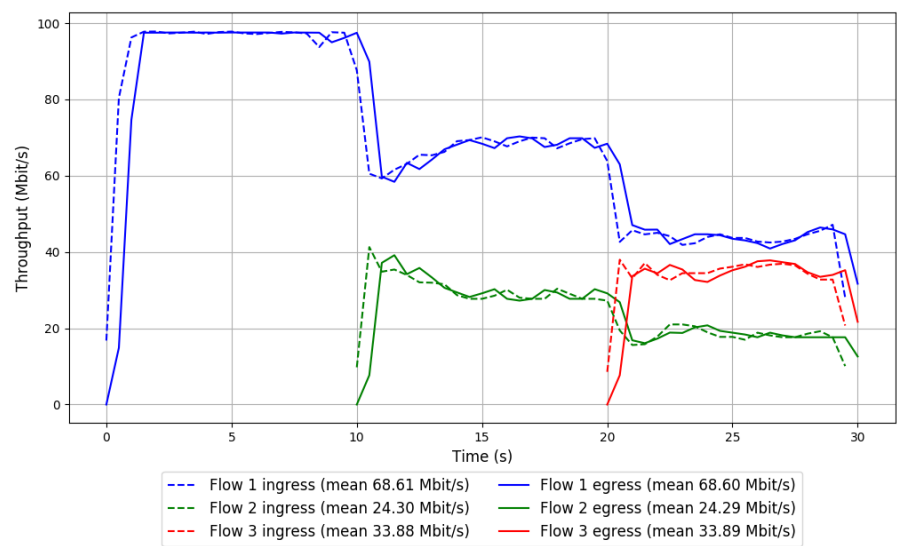


Run 10: Statistics of Indigo

Start at: 2018-08-09 12:08:54
End at: 2018-08-09 12:09:24
Local clock offset: 0.298 ms
Remote clock offset: -0.516 ms

Below is generated by plot.py at 2018-08-09 12:44:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 46.618 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.60 Mbit/s
95th percentile per-packet one-way delay: 43.671 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 51.346 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 52.541 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

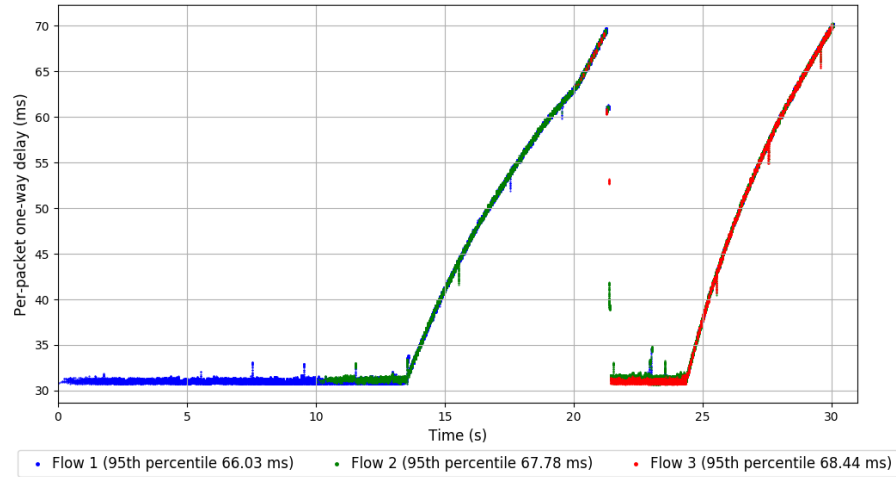
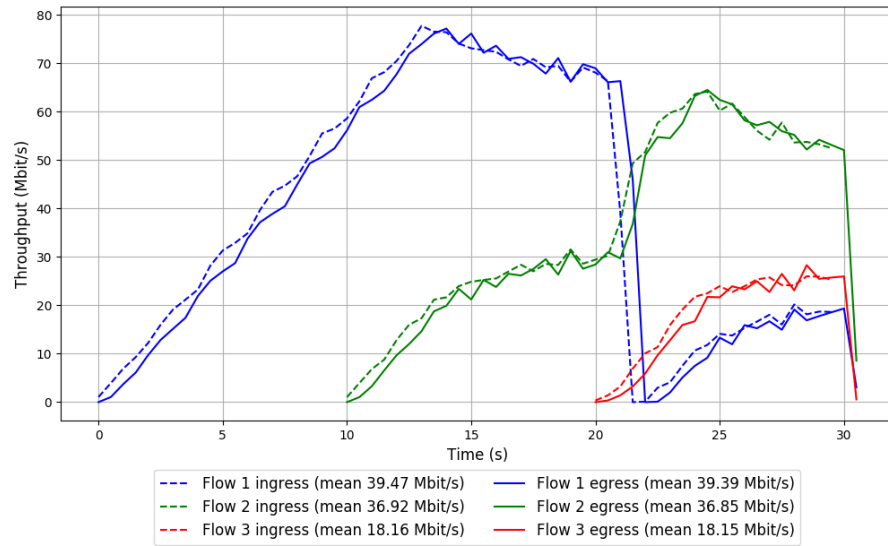


Run 1: Statistics of LEDBAT

Start at: 2018-08-09 08:43:58
End at: 2018-08-09 08:44:28
Local clock offset: -6.016 ms
Remote clock offset: -1.529 ms

Below is generated by plot.py at 2018-08-09 12:44:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.95 Mbit/s
95th percentile per-packet one-way delay: 67.222 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 39.39 Mbit/s
95th percentile per-packet one-way delay: 66.028 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.85 Mbit/s
95th percentile per-packet one-way delay: 67.778 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.15 Mbit/s
95th percentile per-packet one-way delay: 68.435 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-08-09 09:06:50

End at: 2018-08-09 09:07:20

Local clock offset: 0.514 ms

Remote clock offset: -1.68 ms

Below is generated by plot.py at 2018-08-09 12:44:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 59.85 Mbit/s

95th percentile per-packet one-way delay: 65.427 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 41.05 Mbit/s

95th percentile per-packet one-way delay: 65.400 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 20.06 Mbit/s

95th percentile per-packet one-way delay: 66.877 ms

Loss rate: 0.17%

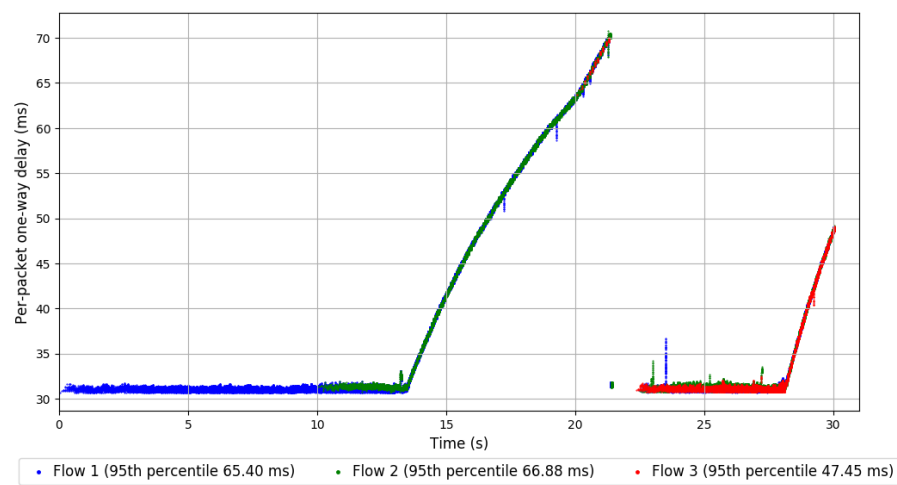
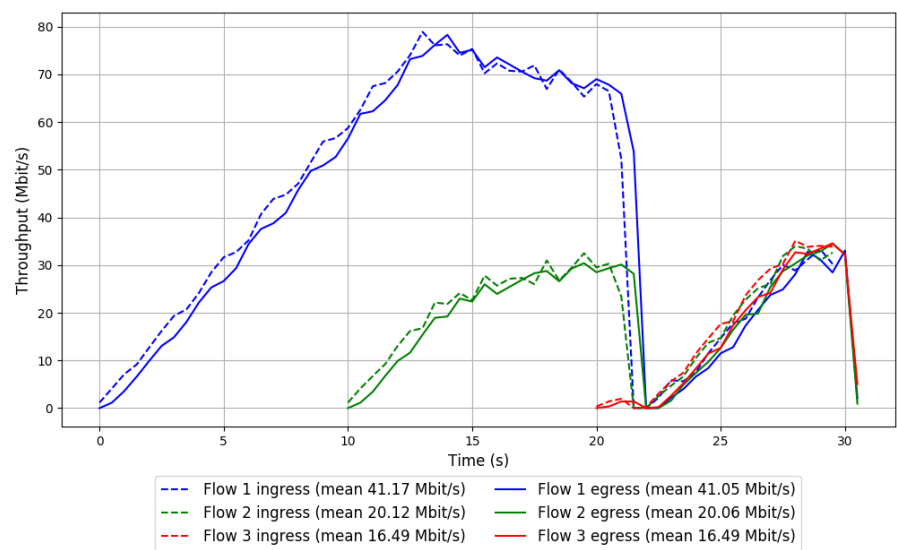
-- Flow 3:

Average throughput: 16.49 Mbit/s

95th percentile per-packet one-way delay: 47.455 ms

Loss rate: 0.17%

Run 2: Report of LEDBAT — Data Link

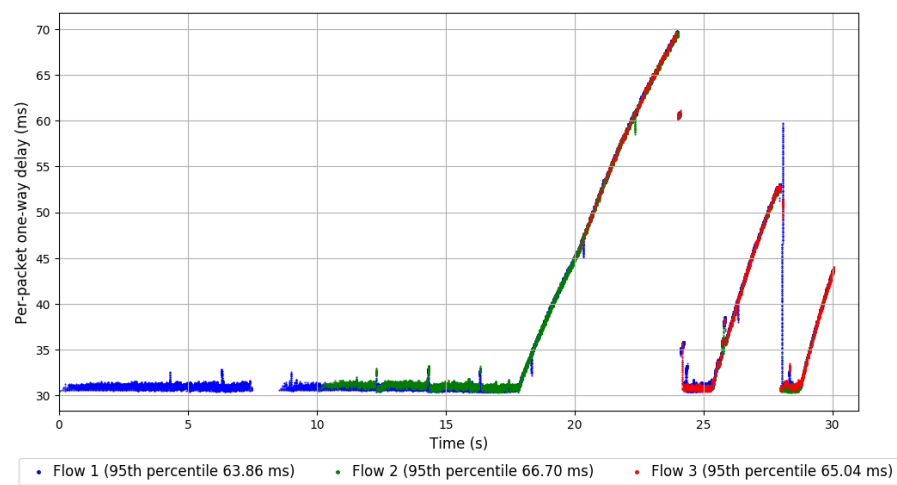
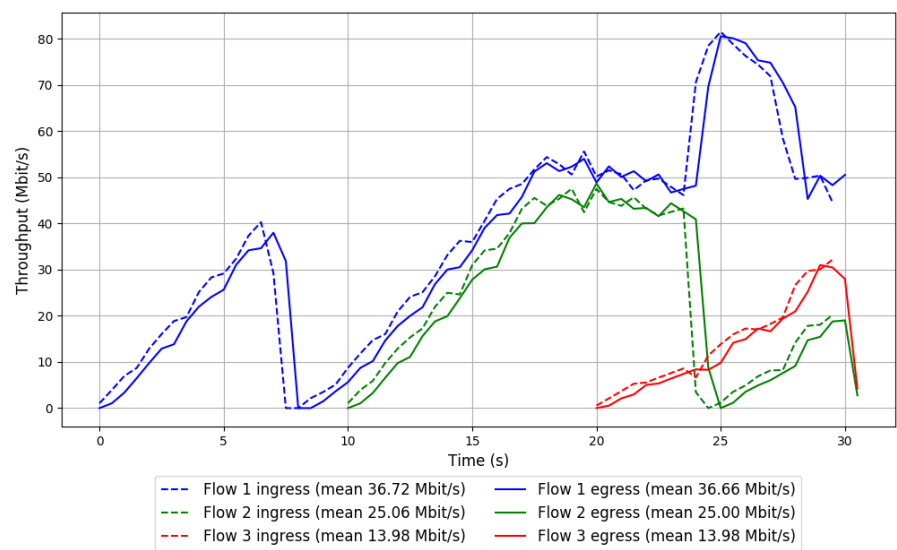


Run 3: Statistics of LEDBAT

Start at: 2018-08-09 09:29:41
End at: 2018-08-09 09:30:11
Local clock offset: 0.926 ms
Remote clock offset: -1.059 ms

Below is generated by plot.py at 2018-08-09 12:44:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 65.200 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 63.858 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 25.00 Mbit/s
95th percentile per-packet one-way delay: 66.703 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 13.98 Mbit/s
95th percentile per-packet one-way delay: 65.041 ms
Loss rate: 0.04%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-08-09 09:52:31

End at: 2018-08-09 09:53:01

Local clock offset: -0.914 ms

Remote clock offset: 0.079 ms

Below is generated by plot.py at 2018-08-09 12:44:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.68 Mbit/s

95th percentile per-packet one-way delay: 64.993 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 39.39 Mbit/s

95th percentile per-packet one-way delay: 64.067 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 37.82 Mbit/s

95th percentile per-packet one-way delay: 65.501 ms

Loss rate: 0.10%

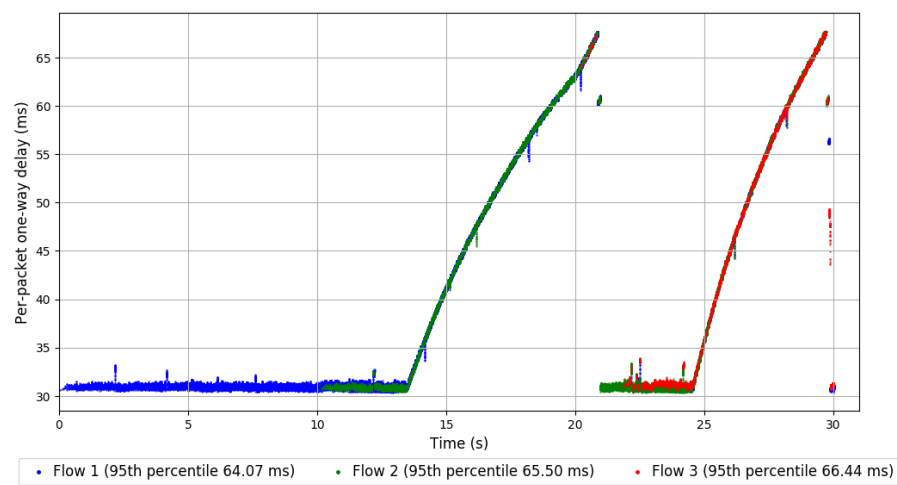
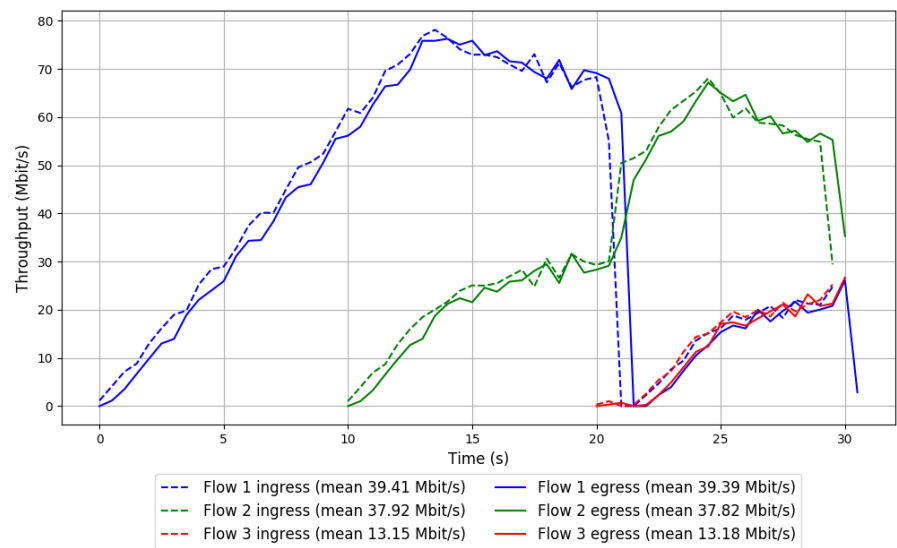
-- Flow 3:

Average throughput: 13.18 Mbit/s

95th percentile per-packet one-way delay: 66.445 ms

Loss rate: 0.13%

Run 4: Report of LEDBAT — Data Link

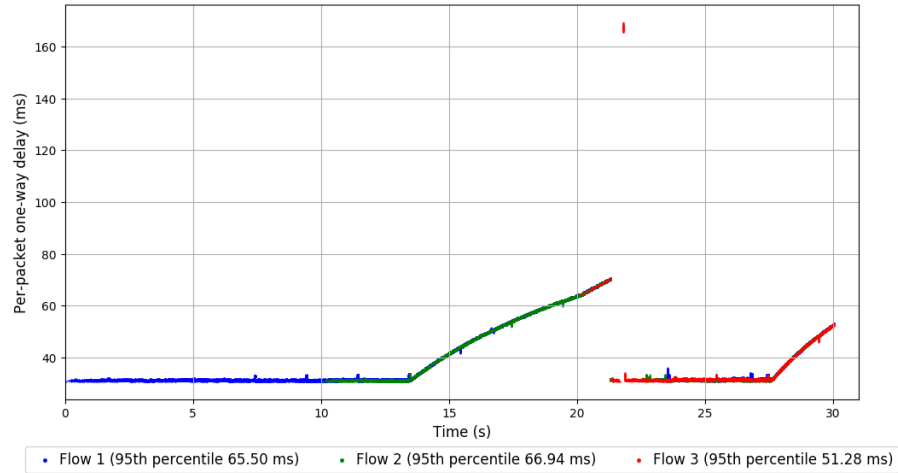
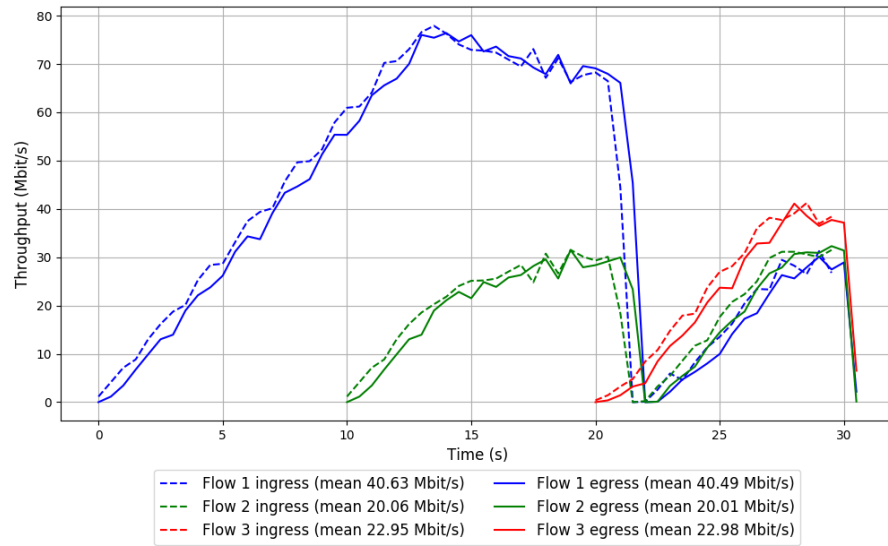


Run 5: Statistics of LEDBAT

Start at: 2018-08-09 10:15:26
End at: 2018-08-09 10:15:56
Local clock offset: -3.174 ms
Remote clock offset: -0.923 ms

Below is generated by plot.py at 2018-08-09 12:44:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.42 Mbit/s
95th percentile per-packet one-way delay: 65.301 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 65.505 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 66.943 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 22.98 Mbit/s
95th percentile per-packet one-way delay: 51.276 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

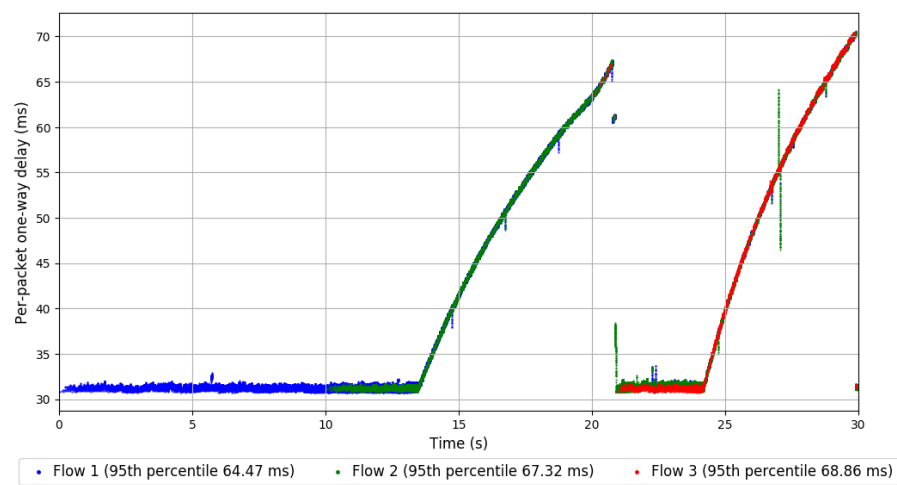
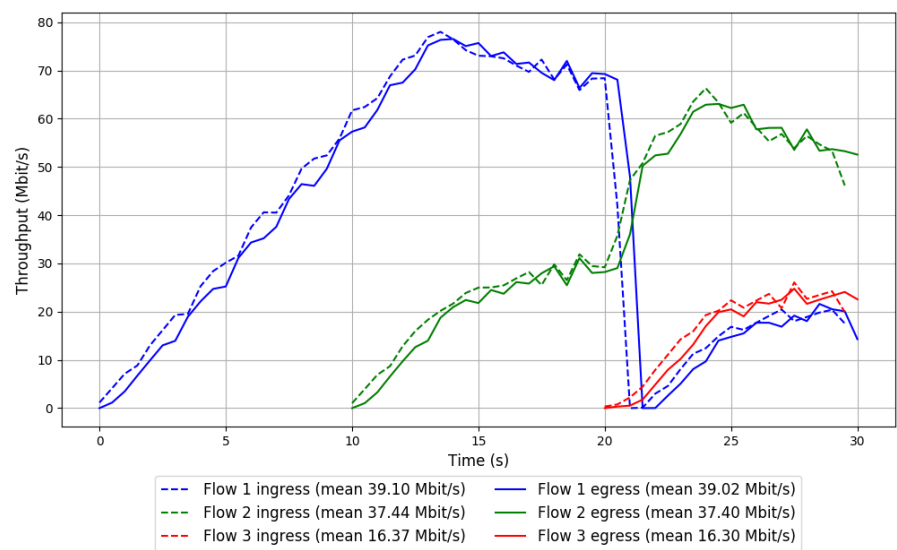


Run 6: Statistics of LEDBAT

Start at: 2018-08-09 10:38:19
End at: 2018-08-09 10:38:49
Local clock offset: 0.403 ms
Remote clock offset: -0.588 ms

Below is generated by plot.py at 2018-08-09 12:45:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.26 Mbit/s
95th percentile per-packet one-way delay: 66.353 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 39.02 Mbit/s
95th percentile per-packet one-way delay: 64.470 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 37.40 Mbit/s
95th percentile per-packet one-way delay: 67.318 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 16.30 Mbit/s
95th percentile per-packet one-way delay: 68.858 ms
Loss rate: 0.78%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-08-09 11:01:14

End at: 2018-08-09 11:01:44

Local clock offset: 0.609 ms

Remote clock offset: -0.71 ms

Below is generated by plot.py at 2018-08-09 12:45:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 61.17 Mbit/s

95th percentile per-packet one-way delay: 65.037 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 40.77 Mbit/s

95th percentile per-packet one-way delay: 65.249 ms

Loss rate: 0.25%

-- Flow 2:

Average throughput: 19.78 Mbit/s

95th percentile per-packet one-way delay: 66.685 ms

Loss rate: 0.16%

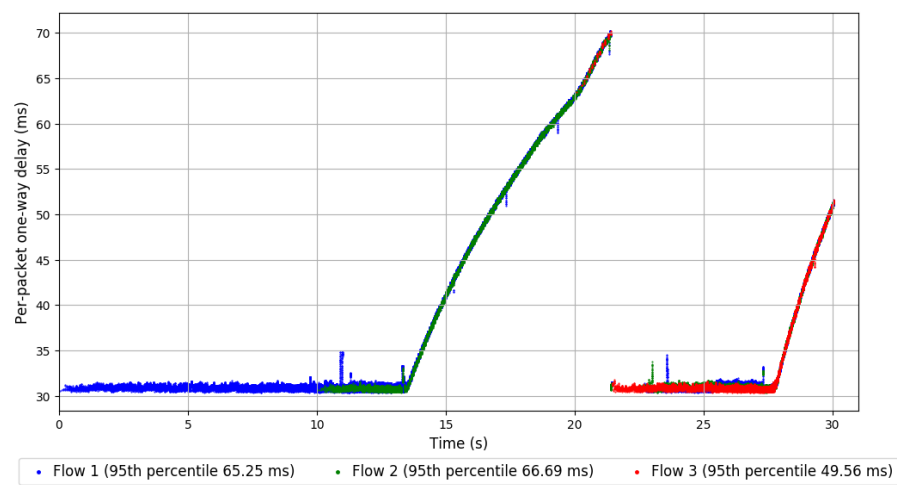
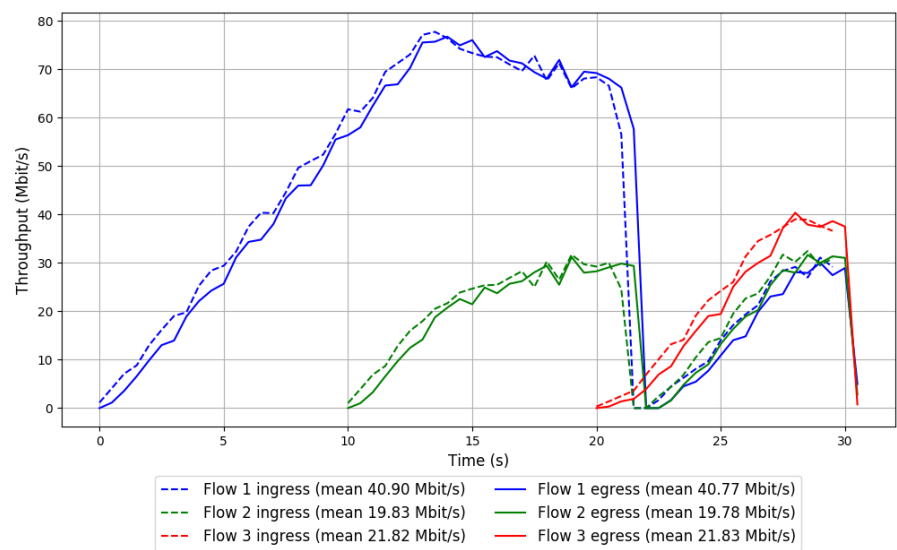
-- Flow 3:

Average throughput: 21.83 Mbit/s

95th percentile per-packet one-way delay: 49.556 ms

Loss rate: 0.06%

Run 7: Report of LEDBAT — Data Link

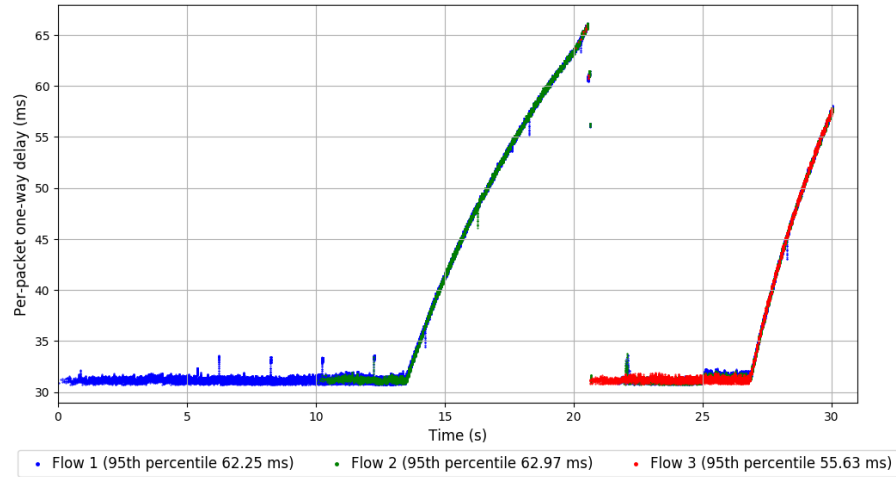
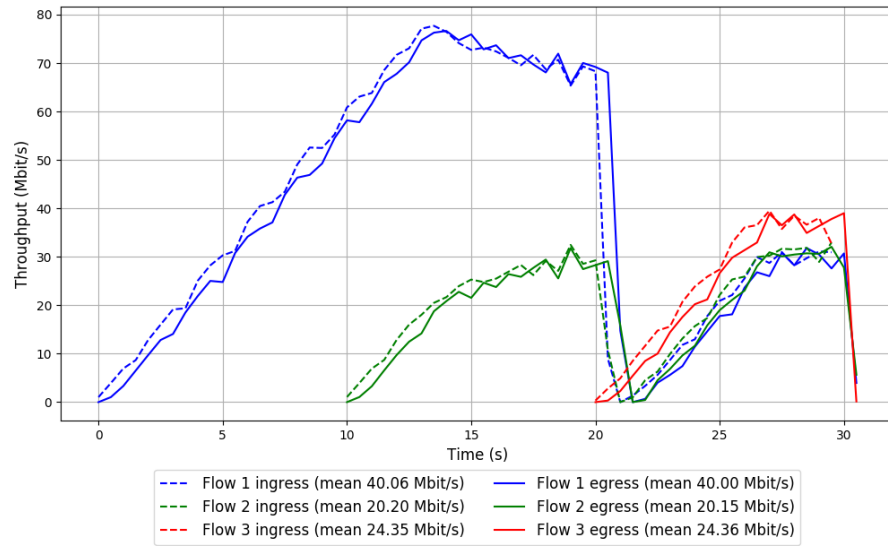


Run 8: Statistics of LEDBAT

Start at: 2018-08-09 11:24:09
End at: 2018-08-09 11:24:39
Local clock offset: 0.392 ms
Remote clock offset: -0.356 ms

Below is generated by plot.py at 2018-08-09 12:45:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.47 Mbit/s
95th percentile per-packet one-way delay: 61.967 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 62.249 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 62.965 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 55.630 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

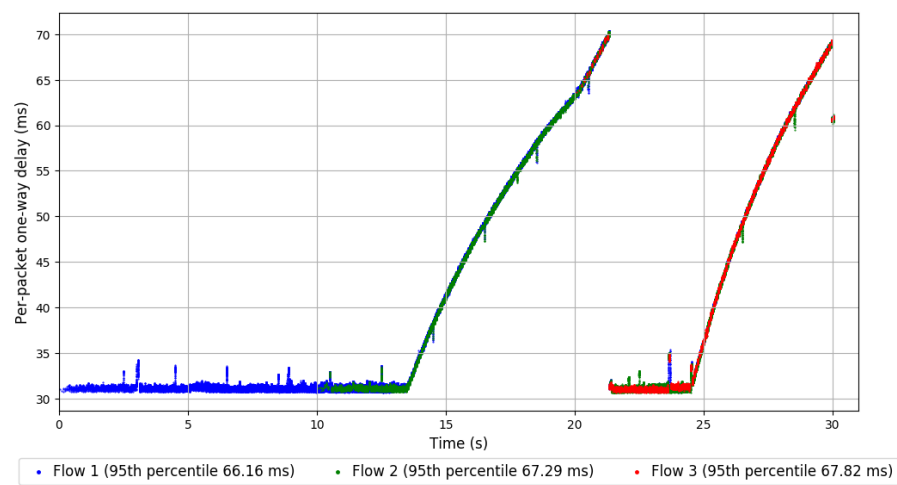
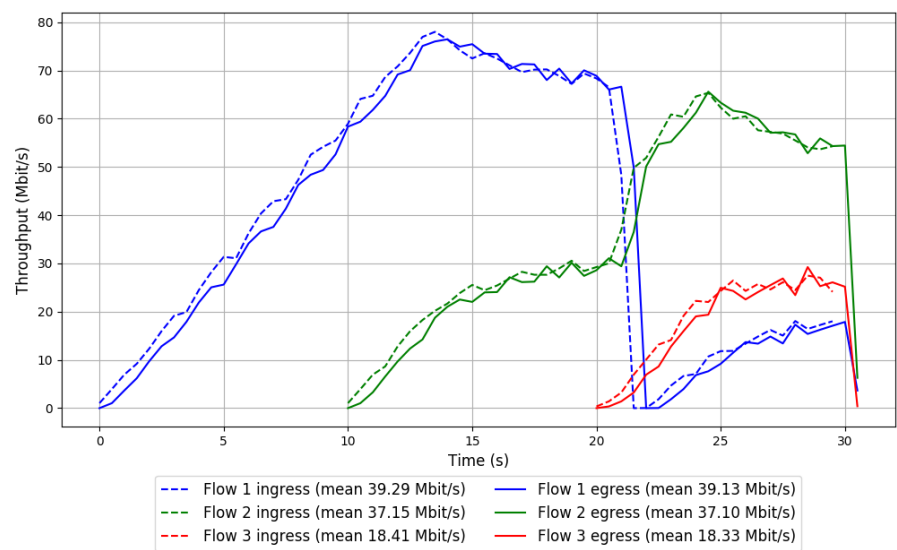


Run 9: Statistics of LEDBAT

Start at: 2018-08-09 11:47:21
End at: 2018-08-09 11:47:51
Local clock offset: 0.332 ms
Remote clock offset: -0.568 ms

Below is generated by plot.py at 2018-08-09 12:45:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.91 Mbit/s
95th percentile per-packet one-way delay: 66.887 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 39.13 Mbit/s
95th percentile per-packet one-way delay: 66.157 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 37.10 Mbit/s
95th percentile per-packet one-way delay: 67.290 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 67.819 ms
Loss rate: 0.46%

Run 9: Report of LEDBAT — Data Link

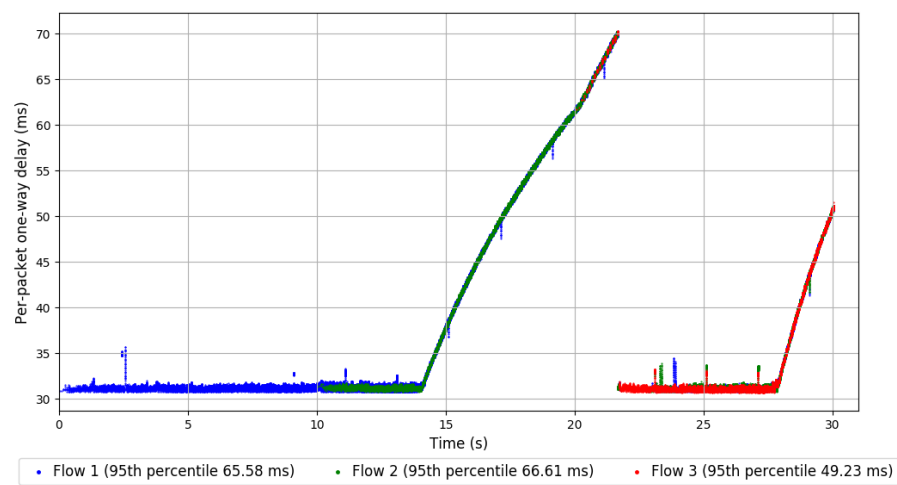
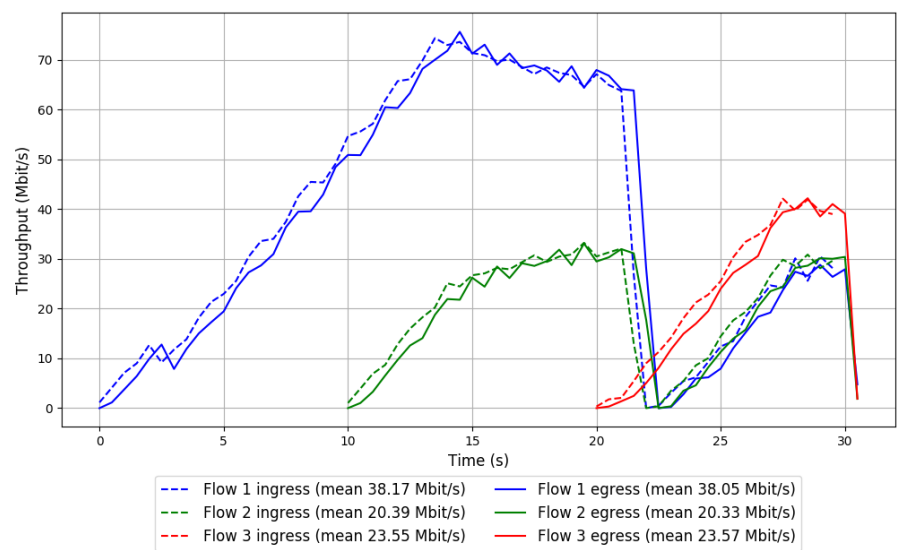


Run 10: Statistics of LEDBAT

Start at: 2018-08-09 12:10:17
End at: 2018-08-09 12:10:47
Local clock offset: 0.318 ms
Remote clock offset: -0.487 ms

Below is generated by plot.py at 2018-08-09 12:45:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.38 Mbit/s
95th percentile per-packet one-way delay: 65.364 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 38.05 Mbit/s
95th percentile per-packet one-way delay: 65.577 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 20.33 Mbit/s
95th percentile per-packet one-way delay: 66.608 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.57 Mbit/s
95th percentile per-packet one-way delay: 49.235 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

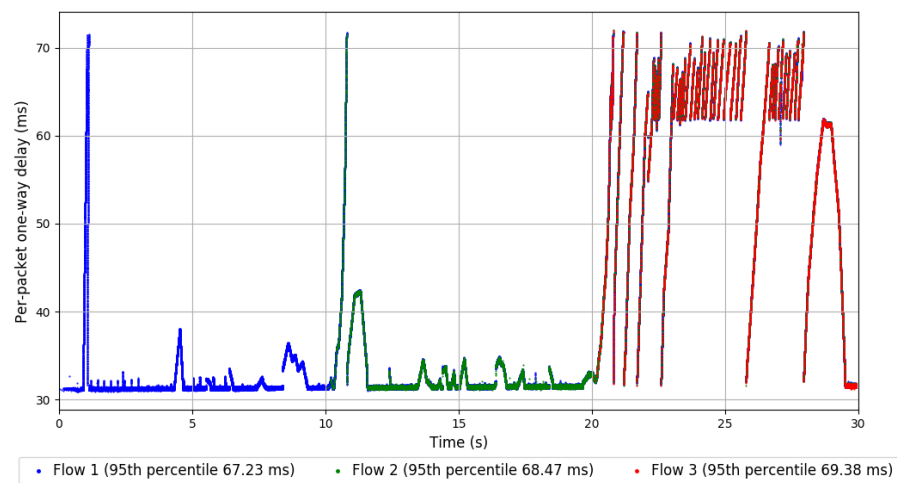
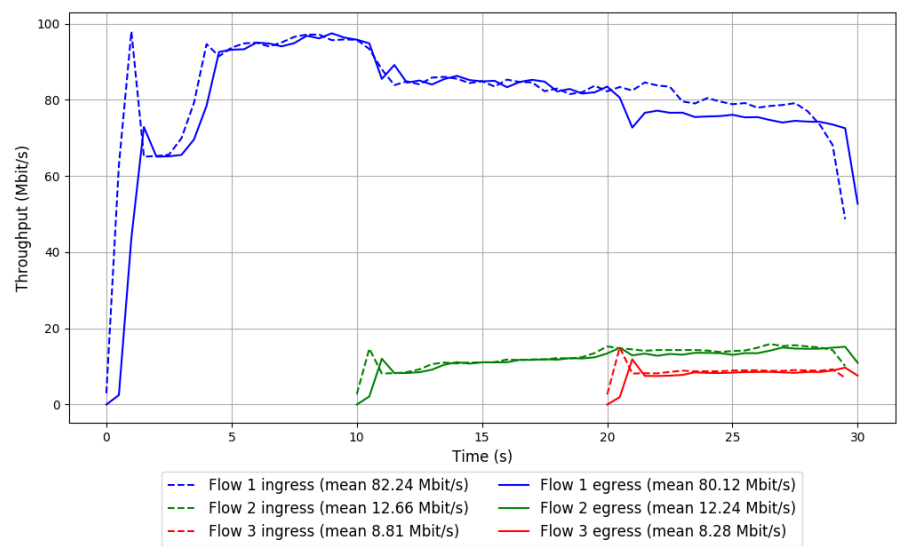


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-09 08:46:39
End at: 2018-08-09 08:47:09
Local clock offset: -5.532 ms
Remote clock offset: -1.612 ms

# Below is generated by plot.py at 2018-08-09 12:45:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 67.556 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 67.232 ms
Loss rate: 2.58%
-- Flow 2:
Average throughput: 12.24 Mbit/s
95th percentile per-packet one-way delay: 68.468 ms
Loss rate: 3.33%
-- Flow 3:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 69.384 ms
Loss rate: 5.93%
```

Run 1: Report of PCC-Allegro — Data Link

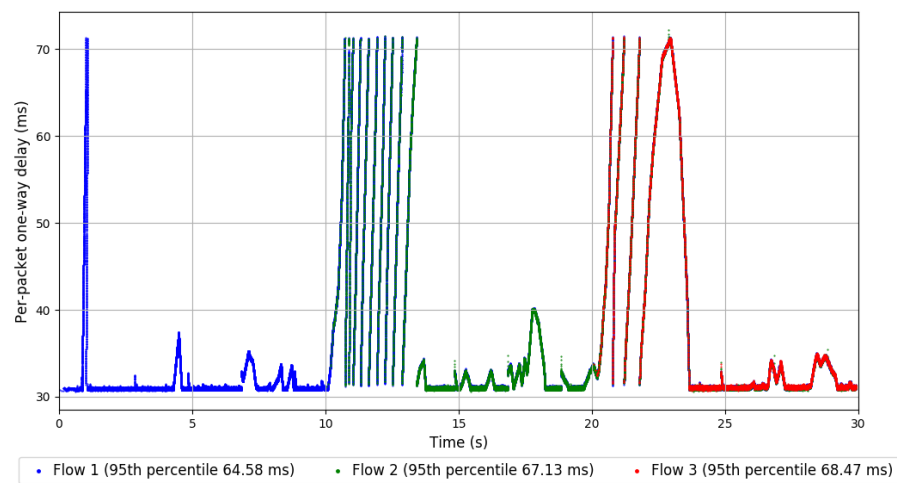
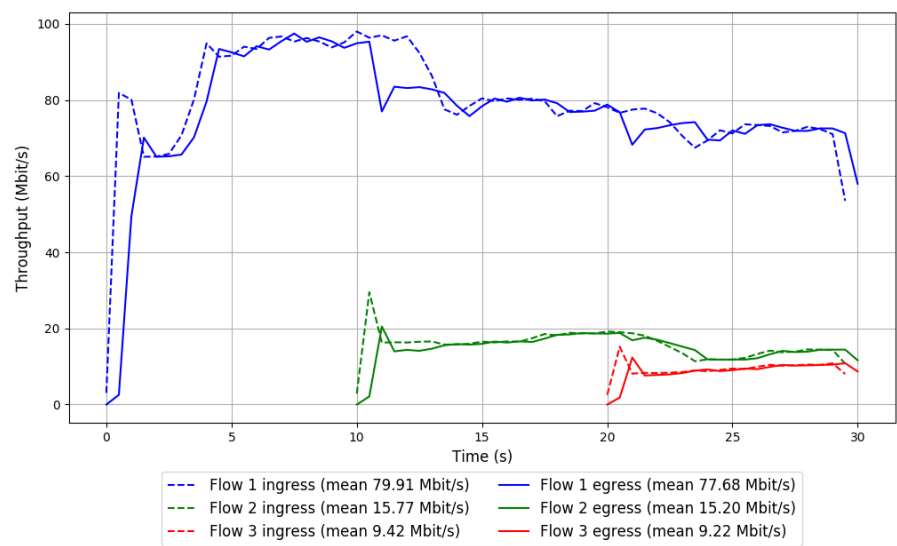


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-09 09:09:31
End at: 2018-08-09 09:10:01
Local clock offset: 0.709 ms
Remote clock offset: -1.672 ms

Below is generated by plot.py at 2018-08-09 12:46:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 65.195 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 64.585 ms
Loss rate: 2.80%
-- Flow 2:
Average throughput: 15.20 Mbit/s
95th percentile per-packet one-way delay: 67.133 ms
Loss rate: 3.57%
-- Flow 3:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 68.474 ms
Loss rate: 2.09%

Run 2: Report of PCC-Allegro — Data Link

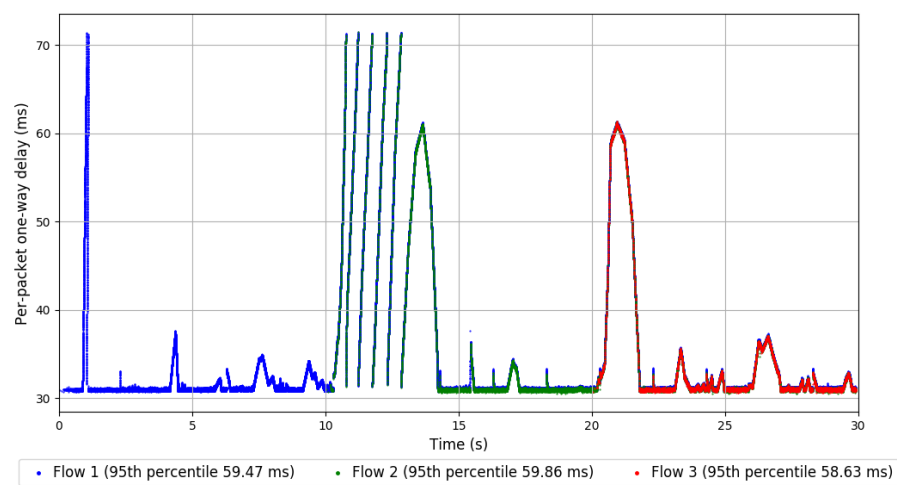
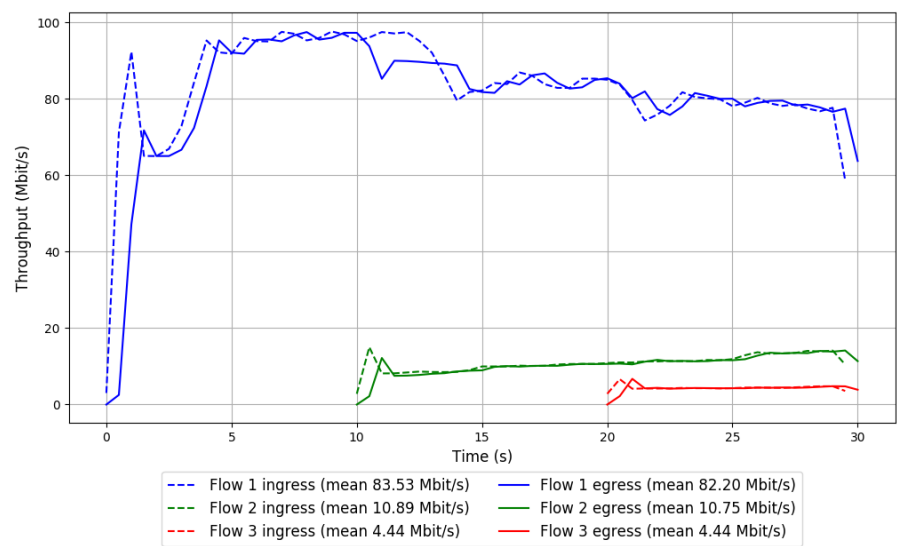


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-09 09:32:21
End at: 2018-08-09 09:32:51
Local clock offset: 0.878 ms
Remote clock offset: -0.668 ms

Below is generated by plot.py at 2018-08-09 12:46:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 59.494 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 82.20 Mbit/s
95th percentile per-packet one-way delay: 59.472 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 10.75 Mbit/s
95th percentile per-packet one-way delay: 59.863 ms
Loss rate: 1.21%
-- Flow 3:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 58.627 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link

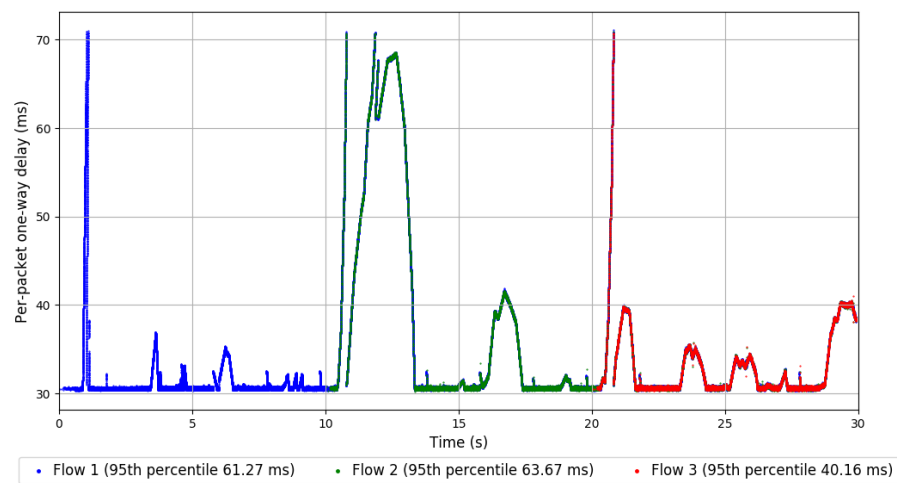
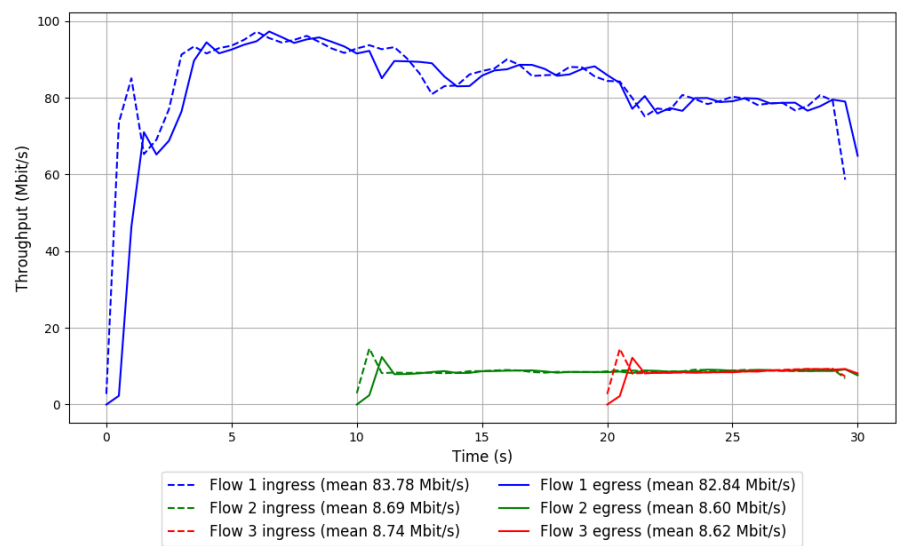


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-09 09:55:12
End at: 2018-08-09 09:55:42
Local clock offset: -1.536 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-08-09 12:46:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.41 Mbit/s
95th percentile per-packet one-way delay: 61.273 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 82.84 Mbit/s
95th percentile per-packet one-way delay: 61.271 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 63.669 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 8.62 Mbit/s
95th percentile per-packet one-way delay: 40.159 ms
Loss rate: 1.31%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-09 10:18:06

End at: 2018-08-09 10:18:37

Local clock offset: -2.334 ms

Remote clock offset: -1.01 ms

Below is generated by plot.py at 2018-08-09 12:46:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.87 Mbit/s

95th percentile per-packet one-way delay: 49.893 ms

Loss rate: 1.17%

-- Flow 1:

Average throughput: 80.14 Mbit/s

95th percentile per-packet one-way delay: 48.841 ms

Loss rate: 1.21%

-- Flow 2:

Average throughput: 10.04 Mbit/s

95th percentile per-packet one-way delay: 53.280 ms

Loss rate: 0.56%

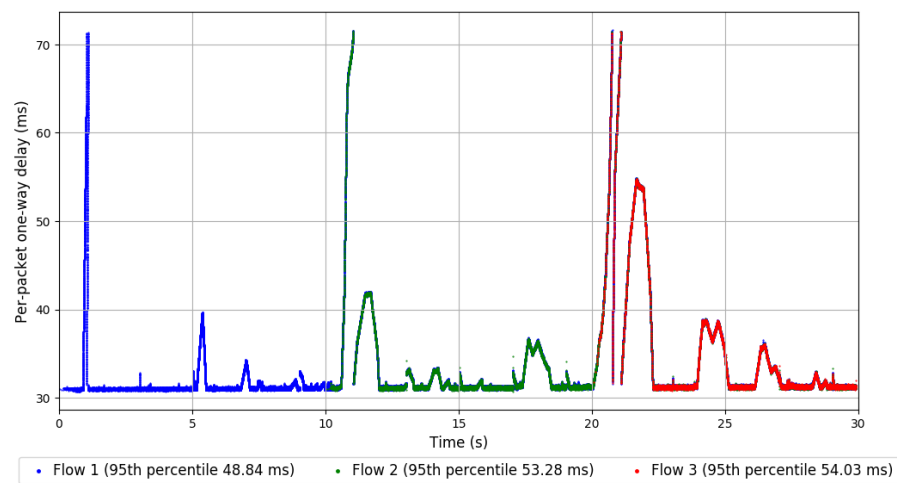
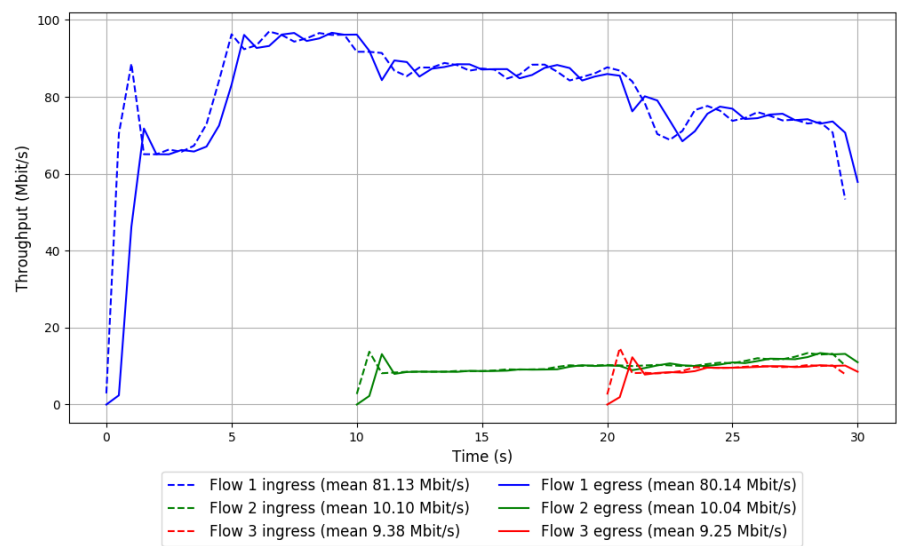
-- Flow 3:

Average throughput: 9.25 Mbit/s

95th percentile per-packet one-way delay: 54.032 ms

Loss rate: 1.43%

Run 5: Report of PCC-Allegro — Data Link

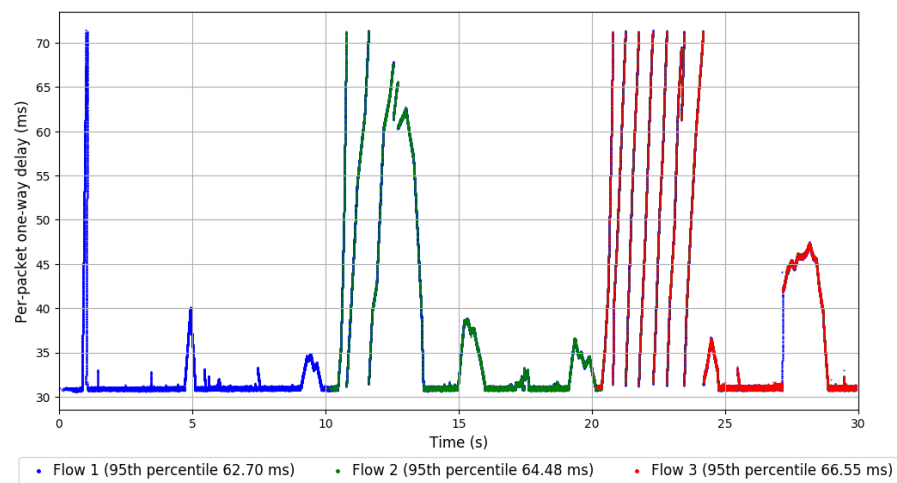
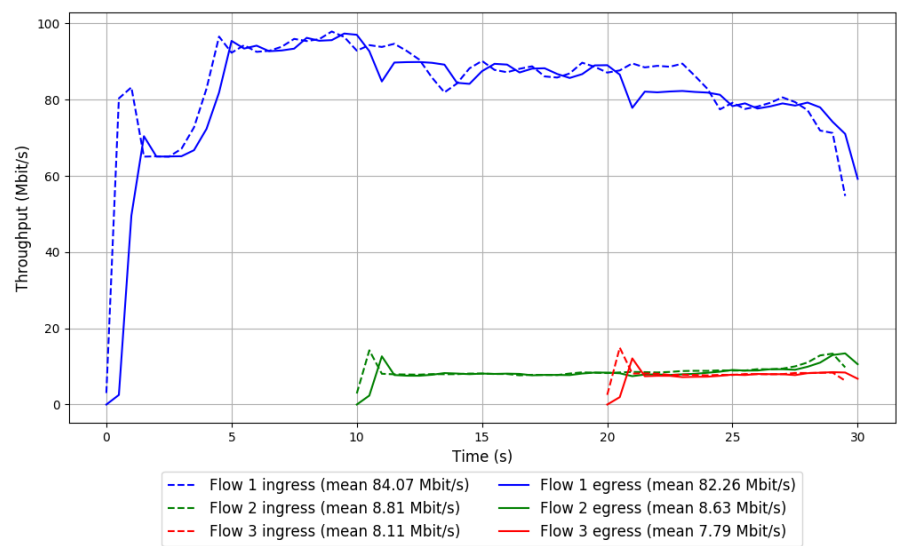


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-09 10:41:00
End at: 2018-08-09 10:41:30
Local clock offset: 0.527 ms
Remote clock offset: -0.581 ms

Below is generated by plot.py at 2018-08-09 12:46:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 63.015 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 82.26 Mbit/s
95th percentile per-packet one-way delay: 62.699 ms
Loss rate: 2.15%
-- Flow 2:
Average throughput: 8.63 Mbit/s
95th percentile per-packet one-way delay: 64.481 ms
Loss rate: 2.06%
-- Flow 3:
Average throughput: 7.79 Mbit/s
95th percentile per-packet one-way delay: 66.547 ms
Loss rate: 4.04%

Run 6: Report of PCC-Allegro — Data Link

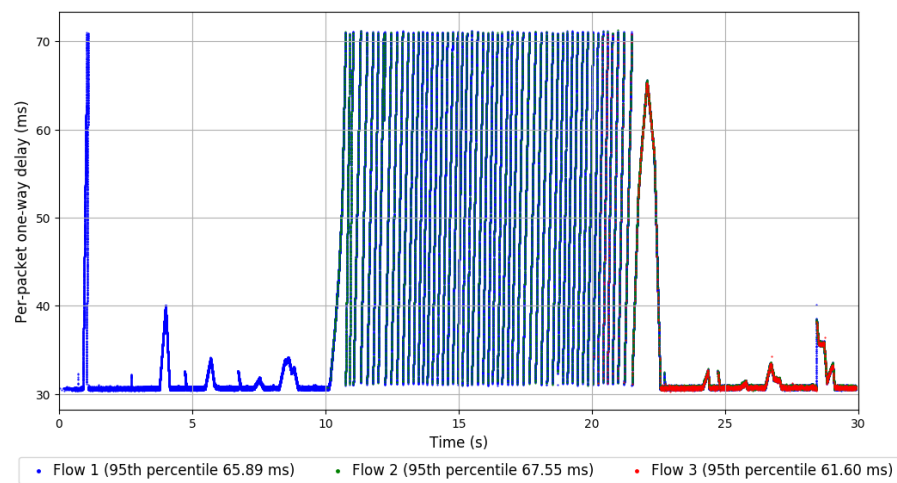
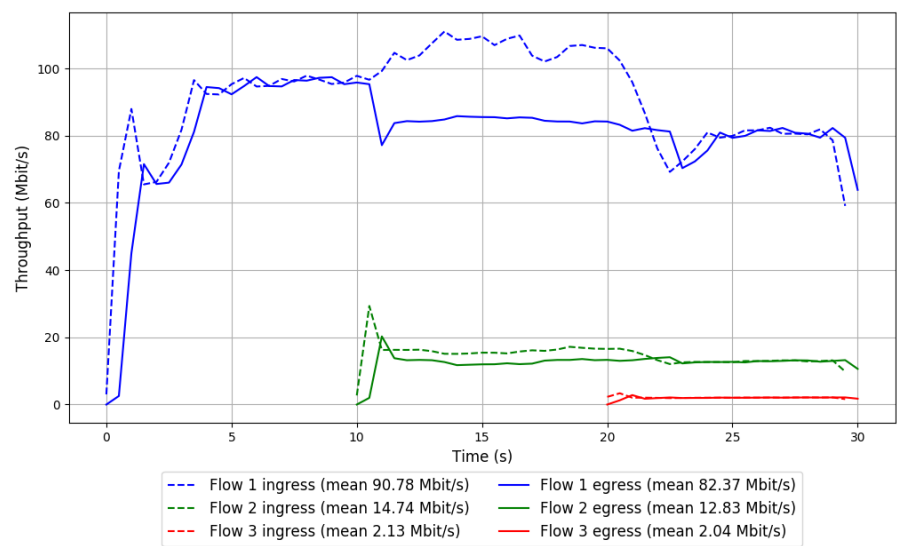


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-09 11:03:55
End at: 2018-08-09 11:04:25
Local clock offset: 0.622 ms
Remote clock offset: -0.657 ms

Below is generated by plot.py at 2018-08-09 12:46:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 66.088 ms
Loss rate: 9.58%
-- Flow 1:
Average throughput: 82.37 Mbit/s
95th percentile per-packet one-way delay: 65.894 ms
Loss rate: 9.26%
-- Flow 2:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 67.550 ms
Loss rate: 12.95%
-- Flow 3:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 61.596 ms
Loss rate: 4.14%

Run 7: Report of PCC-Allegro — Data Link

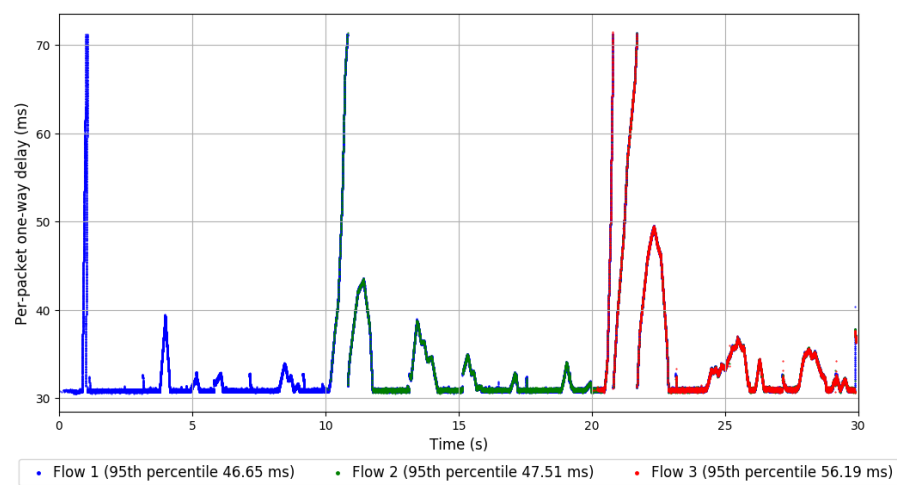
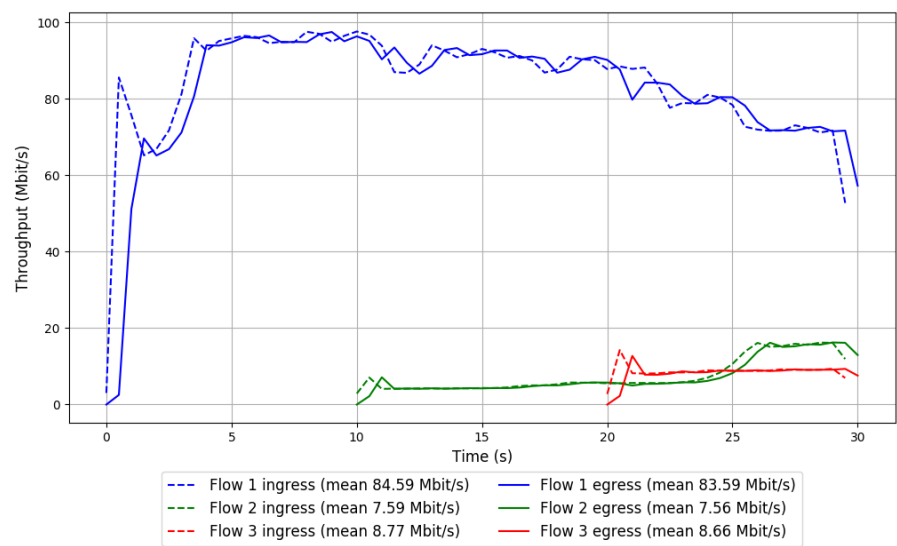


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-09 11:26:50
End at: 2018-08-09 11:27:20
Local clock offset: 0.446 ms
Remote clock offset: -0.444 ms

Below is generated by plot.py at 2018-08-09 12:46:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.48 Mbit/s
95th percentile per-packet one-way delay: 46.980 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: 46.651 ms
Loss rate: 1.17%
-- Flow 2:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 47.506 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 56.194 ms
Loss rate: 1.17%

Run 8: Report of PCC-Allegro — Data Link

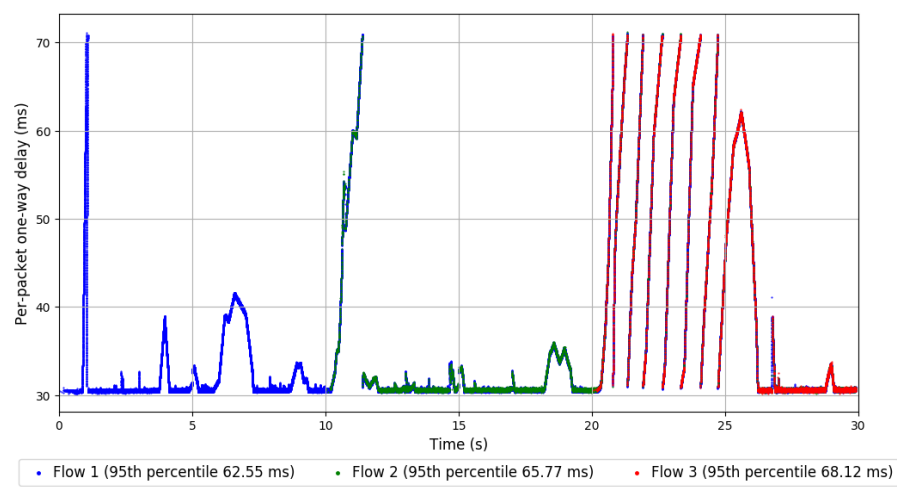
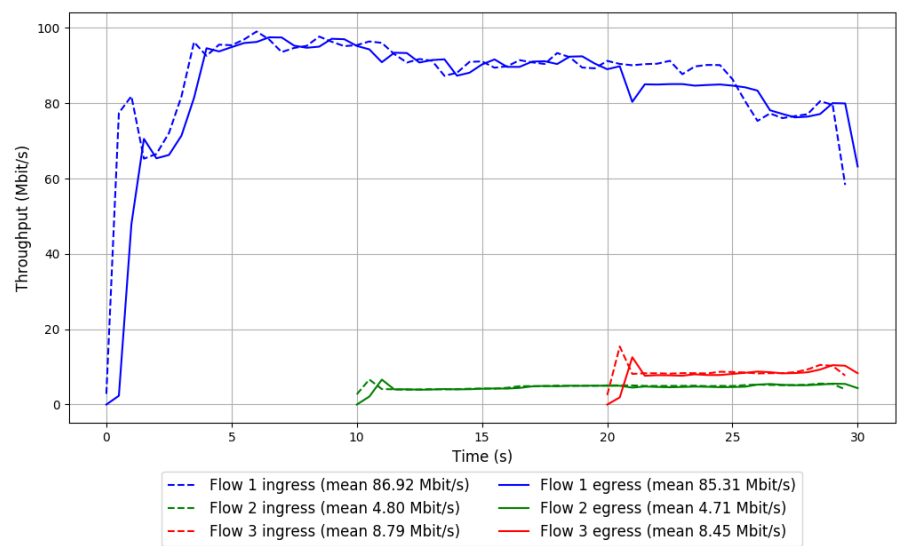


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-09 11:50:03
End at: 2018-08-09 11:50:33
Local clock offset: 0.364 ms
Remote clock offset: -0.815 ms

Below is generated by plot.py at 2018-08-09 12:46:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 63.358 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 85.31 Mbit/s
95th percentile per-packet one-way delay: 62.554 ms
Loss rate: 1.85%
-- Flow 2:
Average throughput: 4.71 Mbit/s
95th percentile per-packet one-way delay: 65.774 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 8.45 Mbit/s
95th percentile per-packet one-way delay: 68.122 ms
Loss rate: 3.78%

Run 9: Report of PCC-Allegro — Data Link

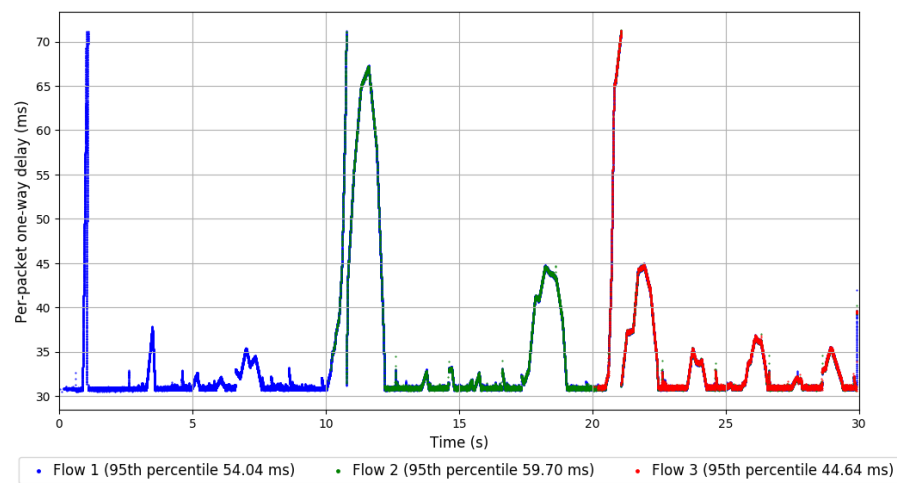
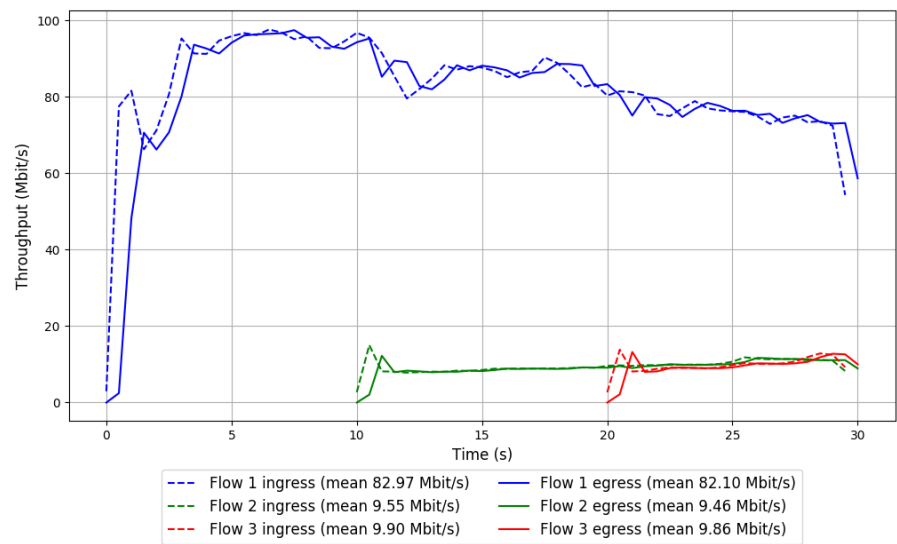


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-09 12:12:57
End at: 2018-08-09 12:13:27
Local clock offset: 0.305 ms
Remote clock offset: -0.547 ms

Below is generated by plot.py at 2018-08-09 12:46:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 54.402 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 82.10 Mbit/s
95th percentile per-packet one-way delay: 54.040 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 9.46 Mbit/s
95th percentile per-packet one-way delay: 59.703 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 9.86 Mbit/s
95th percentile per-packet one-way delay: 44.644 ms
Loss rate: 0.33%

Run 10: Report of PCC-Allegro — Data Link

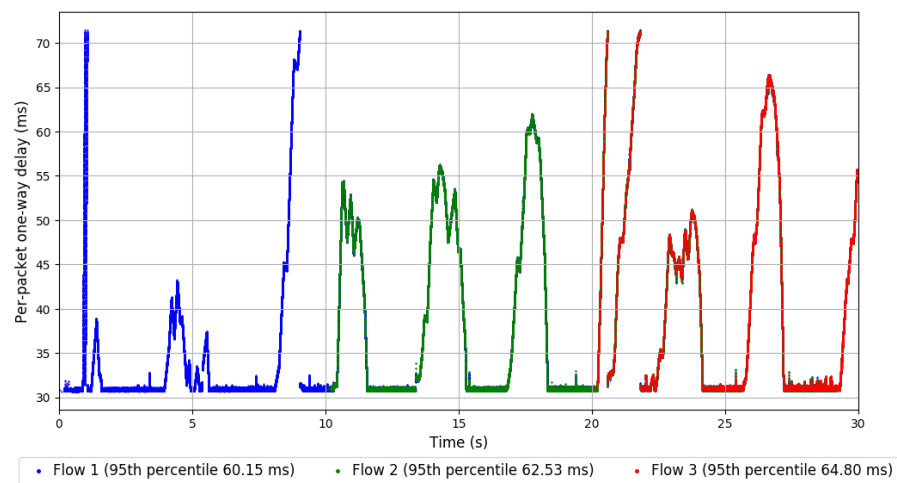
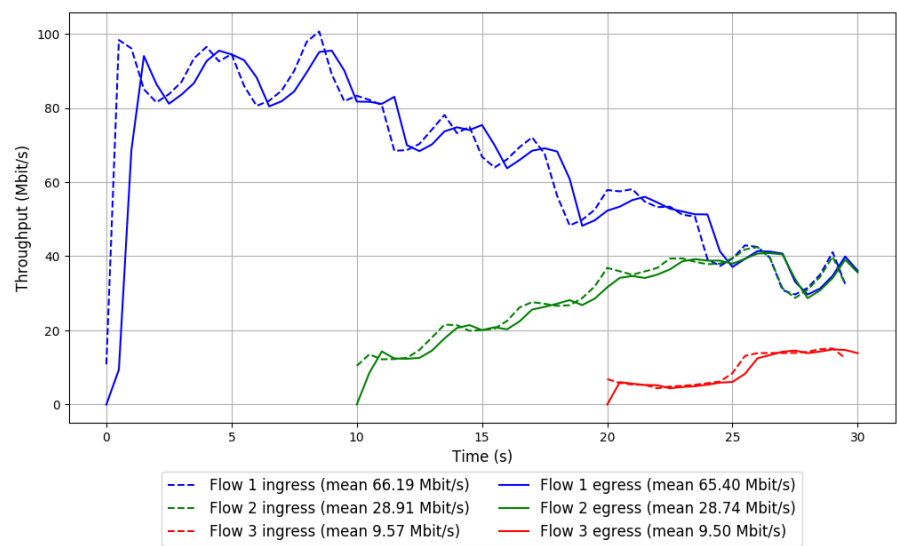


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-09 09:01:24
End at: 2018-08-09 09:01:54
Local clock offset: -0.23 ms
Remote clock offset: -1.702 ms

# Below is generated by plot.py at 2018-08-09 12:47:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.66 Mbit/s
95th percentile per-packet one-way delay: 61.241 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 65.40 Mbit/s
95th percentile per-packet one-way delay: 60.154 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 62.532 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 9.50 Mbit/s
95th percentile per-packet one-way delay: 64.798 ms
Loss rate: 0.49%
```

Run 1: Report of PCC-Expr — Data Link

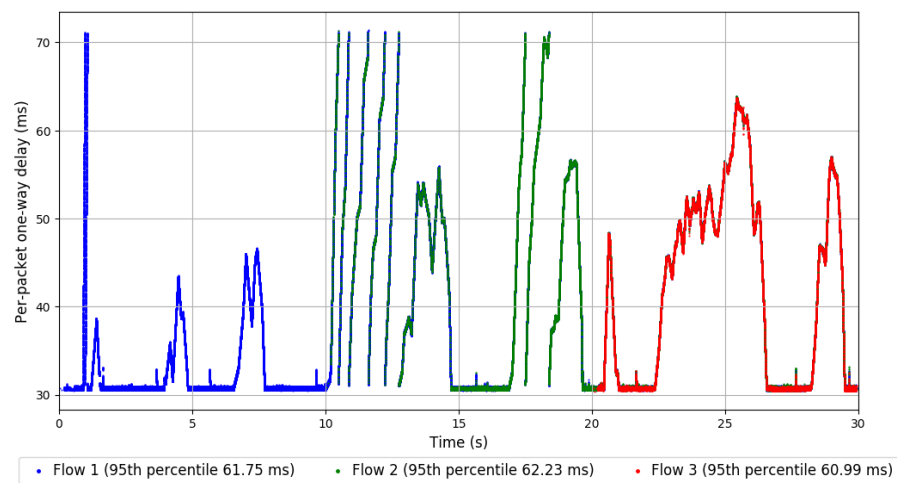
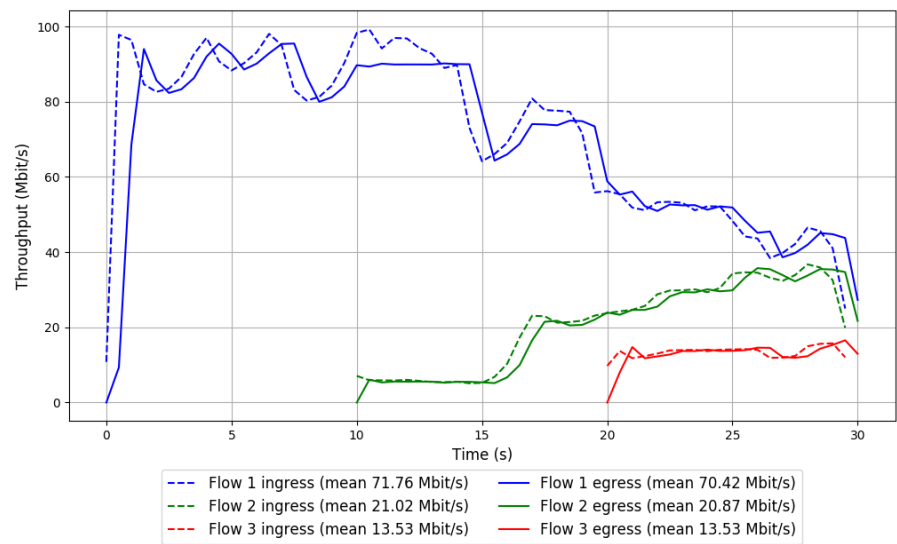


Run 2: Statistics of PCC-Expr

Start at: 2018-08-09 09:24:16
End at: 2018-08-09 09:24:46
Local clock offset: 0.947 ms
Remote clock offset: -1.462 ms

Below is generated by plot.py at 2018-08-09 12:47:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 61.711 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 70.42 Mbit/s
95th percentile per-packet one-way delay: 61.747 ms
Loss rate: 1.87%
-- Flow 2:
Average throughput: 20.87 Mbit/s
95th percentile per-packet one-way delay: 62.226 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 13.53 Mbit/s
95th percentile per-packet one-way delay: 60.995 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

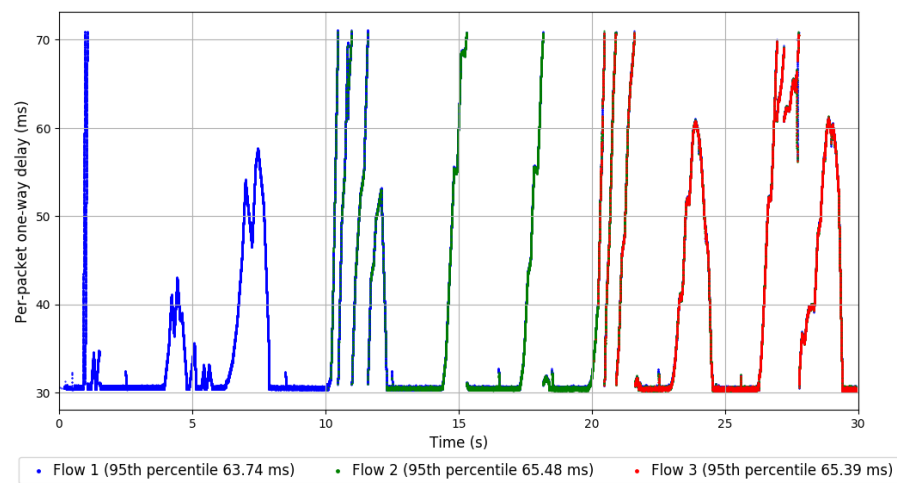
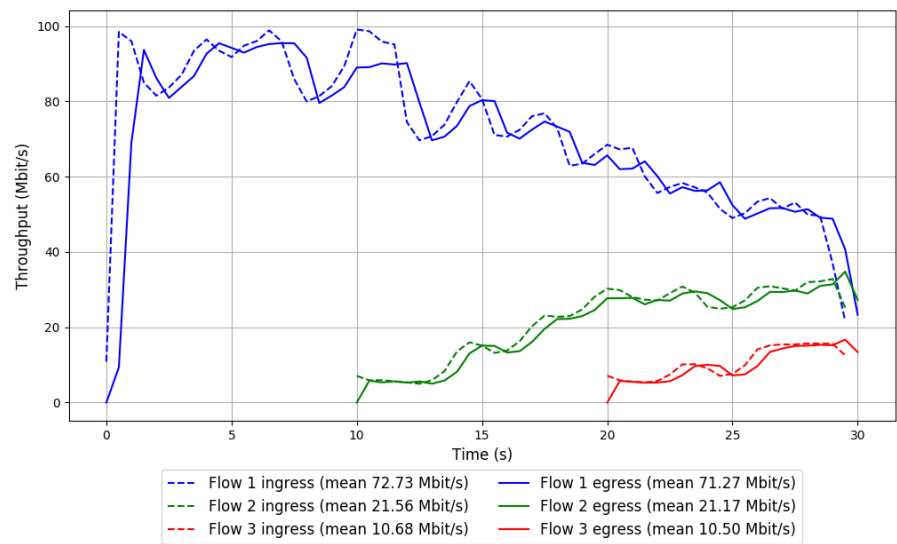


Run 3: Statistics of PCC-Expr

Start at: 2018-08-09 09:47:05
End at: 2018-08-09 09:47:35
Local clock offset: 0.848 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-08-09 12:48:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.82 Mbit/s
95th percentile per-packet one-way delay: 64.492 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 71.27 Mbit/s
95th percentile per-packet one-way delay: 63.745 ms
Loss rate: 2.03%
-- Flow 2:
Average throughput: 21.17 Mbit/s
95th percentile per-packet one-way delay: 65.480 ms
Loss rate: 1.78%
-- Flow 3:
Average throughput: 10.50 Mbit/s
95th percentile per-packet one-way delay: 65.387 ms
Loss rate: 1.68%

Run 3: Report of PCC-Expr — Data Link

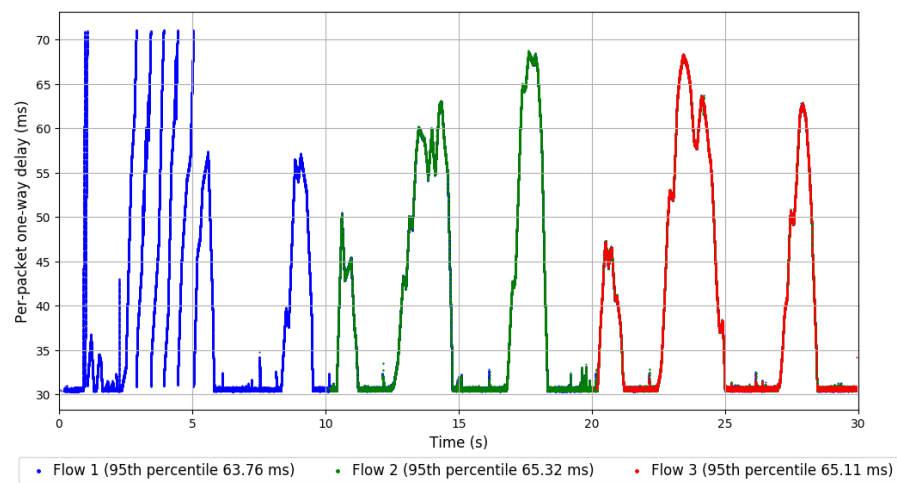
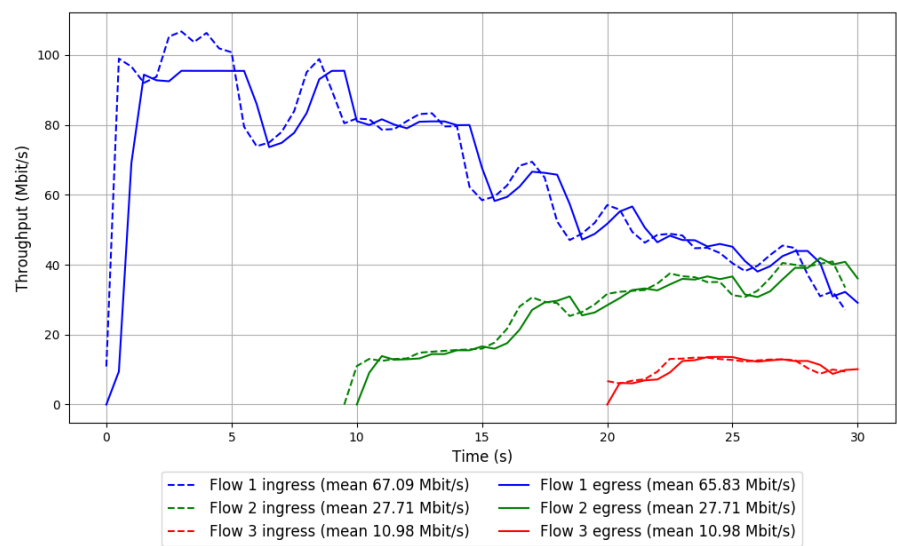


Run 4: Statistics of PCC-Expr

Start at: 2018-08-09 10:09:59
End at: 2018-08-09 10:10:29
Local clock offset: -2.846 ms
Remote clock offset: -0.864 ms

Below is generated by plot.py at 2018-08-09 12:48:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.89 Mbit/s
95th percentile per-packet one-way delay: 64.366 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 65.83 Mbit/s
95th percentile per-packet one-way delay: 63.759 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 27.71 Mbit/s
95th percentile per-packet one-way delay: 65.323 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.98 Mbit/s
95th percentile per-packet one-way delay: 65.106 ms
Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-08-09 10:32:53

End at: 2018-08-09 10:33:23

Local clock offset: 0.048 ms

Remote clock offset: -0.94 ms

Below is generated by plot.py at 2018-08-09 12:48:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.54 Mbit/s

95th percentile per-packet one-way delay: 61.218 ms

Loss rate: 1.42%

-- Flow 1:

Average throughput: 69.80 Mbit/s

95th percentile per-packet one-way delay: 57.874 ms

Loss rate: 1.38%

-- Flow 2:

Average throughput: 21.68 Mbit/s

95th percentile per-packet one-way delay: 66.090 ms

Loss rate: 1.55%

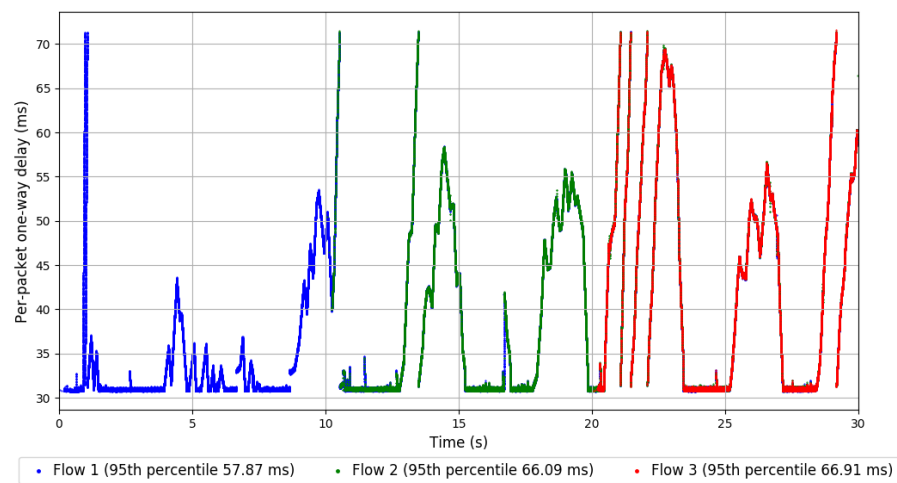
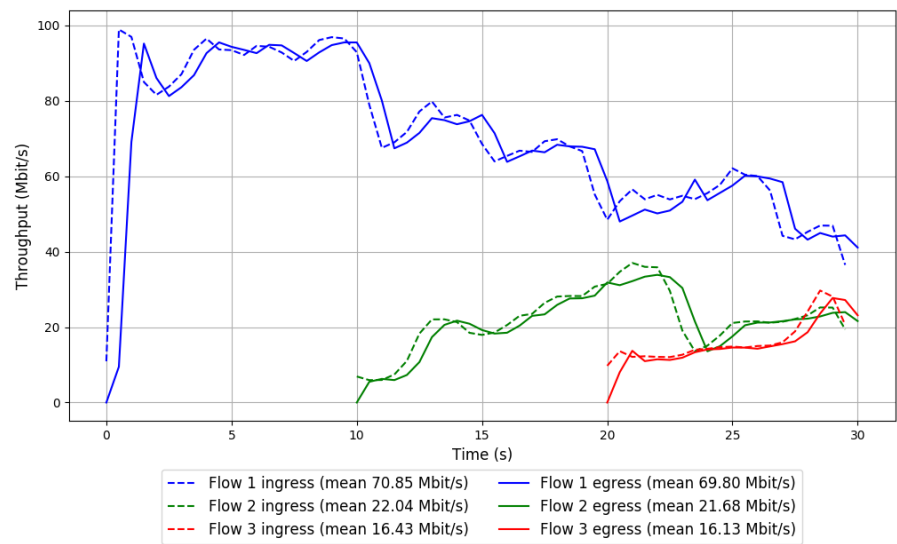
-- Flow 3:

Average throughput: 16.13 Mbit/s

95th percentile per-packet one-way delay: 66.907 ms

Loss rate: 1.59%

Run 5: Report of PCC-Expr — Data Link

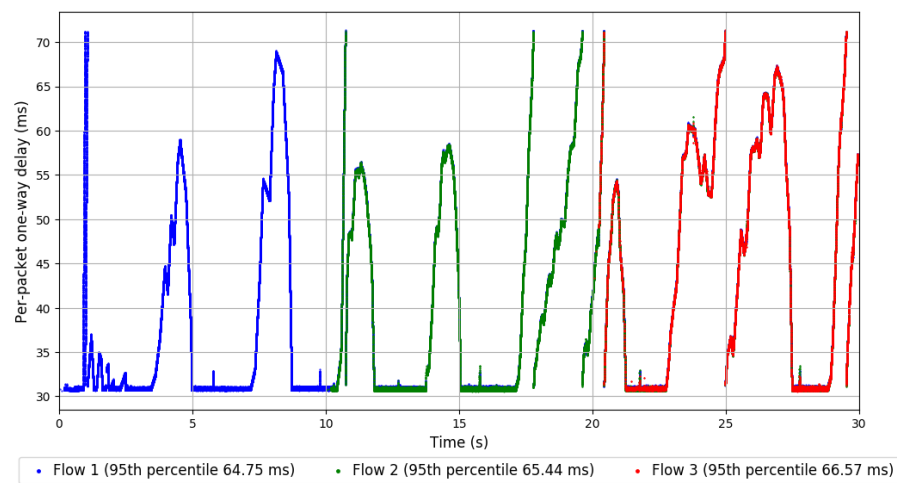
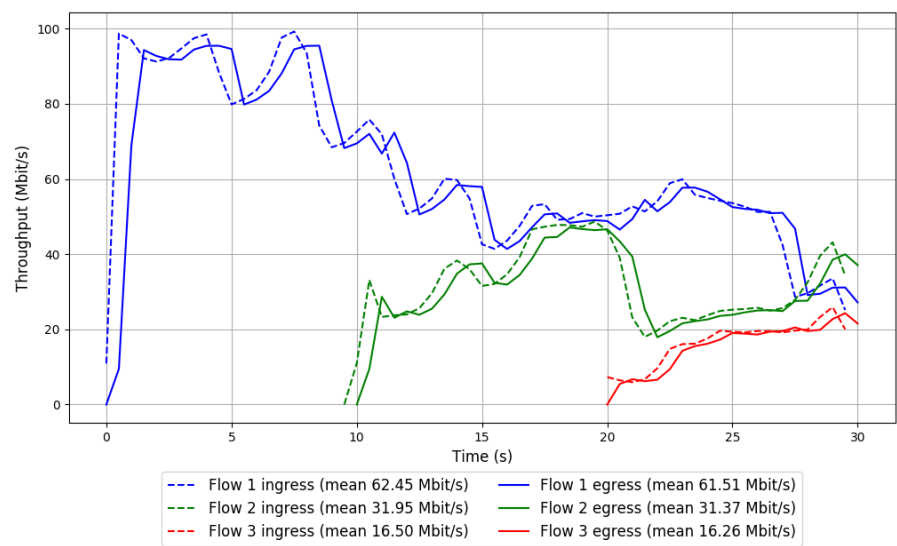


Run 6: Statistics of PCC-Expr

Start at: 2018-08-09 10:55:48
End at: 2018-08-09 10:56:18
Local clock offset: 0.583 ms
Remote clock offset: -0.494 ms

Below is generated by plot.py at 2018-08-09 12:48:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 65.306 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 61.51 Mbit/s
95th percentile per-packet one-way delay: 64.751 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: 65.440 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 16.26 Mbit/s
95th percentile per-packet one-way delay: 66.572 ms
Loss rate: 1.34%

Run 6: Report of PCC-Expr — Data Link

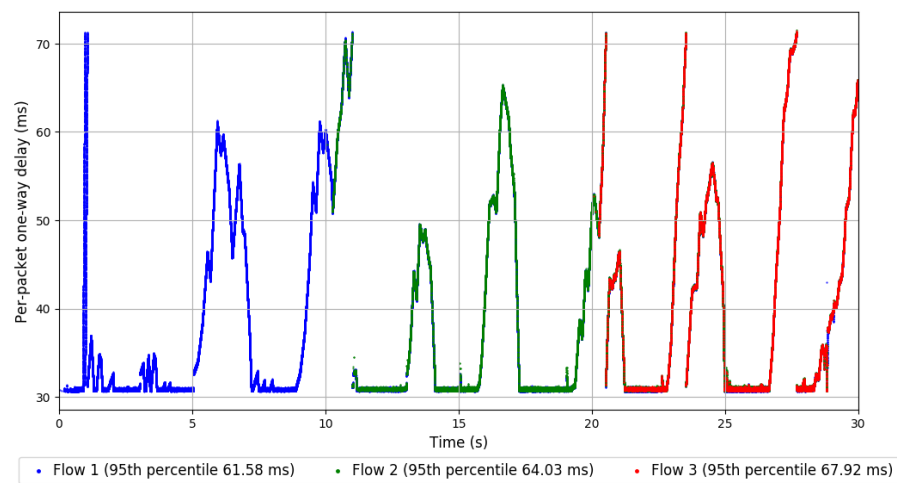
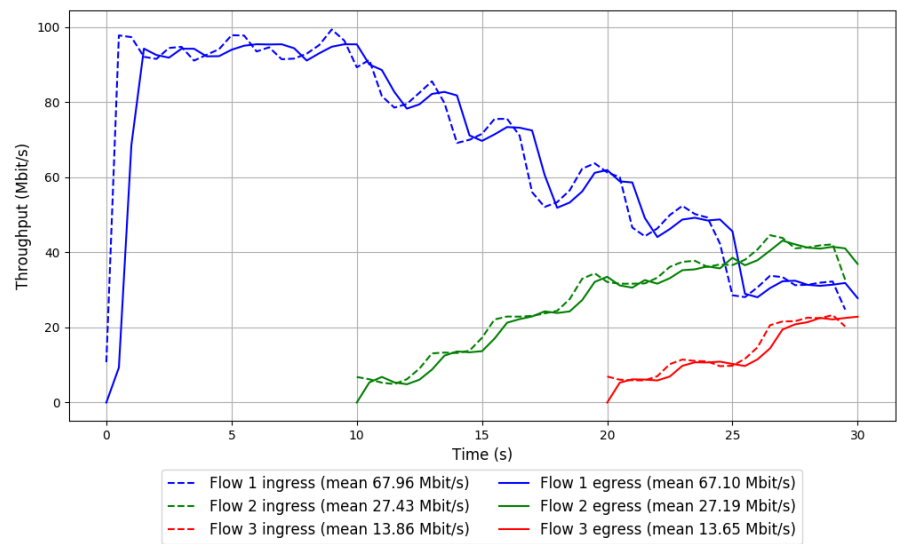


Run 7: Statistics of PCC-Expr

Start at: 2018-08-09 11:18:43
End at: 2018-08-09 11:19:13
Local clock offset: 0.645 ms
Remote clock offset: -0.301 ms

Below is generated by plot.py at 2018-08-09 12:49:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.70 Mbit/s
95th percentile per-packet one-way delay: 62.612 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 67.10 Mbit/s
95th percentile per-packet one-way delay: 61.582 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 27.19 Mbit/s
95th percentile per-packet one-way delay: 64.034 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 13.65 Mbit/s
95th percentile per-packet one-way delay: 67.915 ms
Loss rate: 1.36%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-08-09 11:41:40

End at: 2018-08-09 11:42:10

Local clock offset: 0.433 ms

Remote clock offset: -0.7 ms

Below is generated by plot.py at 2018-08-09 12:49:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.24 Mbit/s

95th percentile per-packet one-way delay: 62.801 ms

Loss rate: 0.84%

-- Flow 1:

Average throughput: 70.25 Mbit/s

95th percentile per-packet one-way delay: 62.203 ms

Loss rate: 0.92%

-- Flow 2:

Average throughput: 22.69 Mbit/s

95th percentile per-packet one-way delay: 64.295 ms

Loss rate: 0.50%

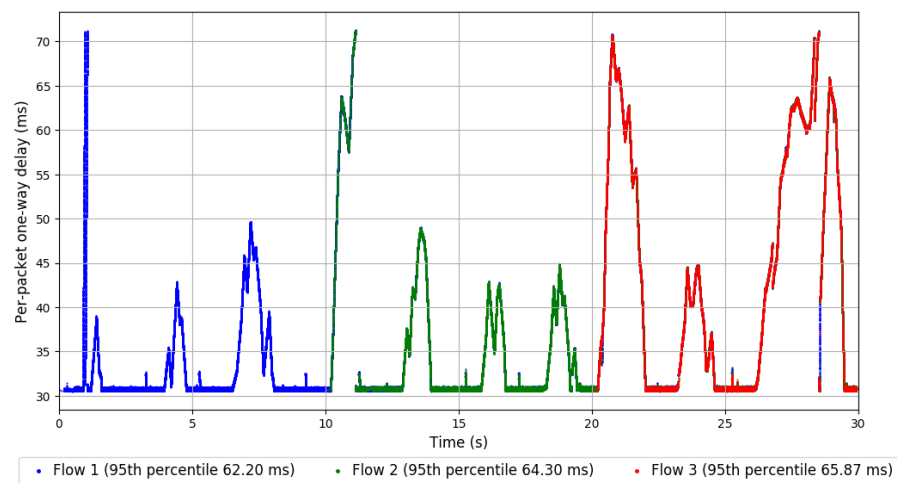
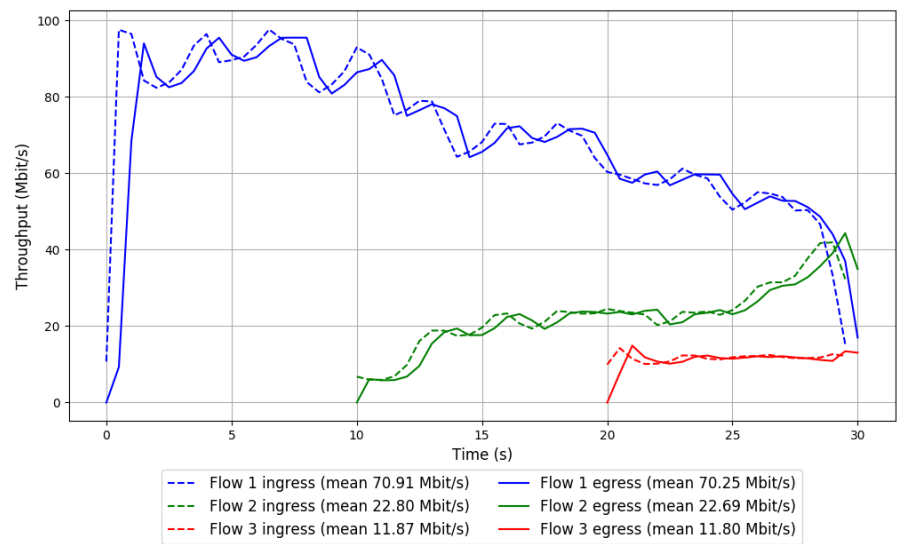
-- Flow 3:

Average throughput: 11.80 Mbit/s

95th percentile per-packet one-way delay: 65.867 ms

Loss rate: 0.57%

Run 8: Report of PCC-Expr — Data Link

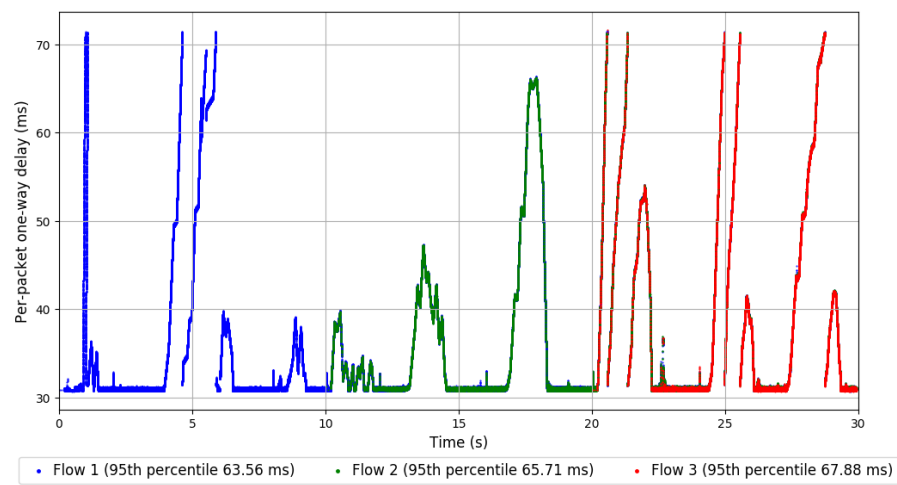
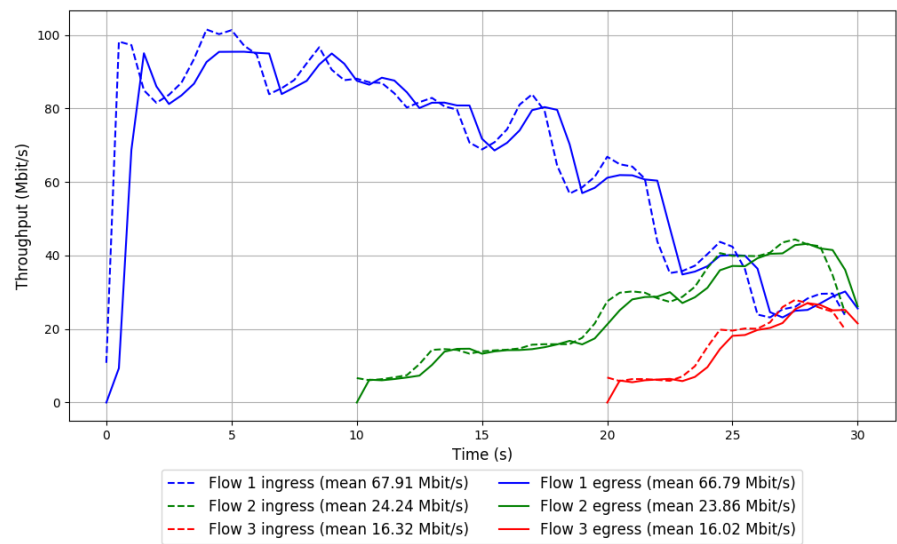


Run 9: Statistics of PCC-Expr

Start at: 2018-08-09 12:04:50
End at: 2018-08-09 12:05:20
Local clock offset: 0.202 ms
Remote clock offset: -0.513 ms

Below is generated by plot.py at 2018-08-09 12:50:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: 63.990 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 66.79 Mbit/s
95th percentile per-packet one-way delay: 63.559 ms
Loss rate: 1.65%
-- Flow 2:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 65.708 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 16.02 Mbit/s
95th percentile per-packet one-way delay: 67.883 ms
Loss rate: 1.88%

Run 9: Report of PCC-Expr — Data Link

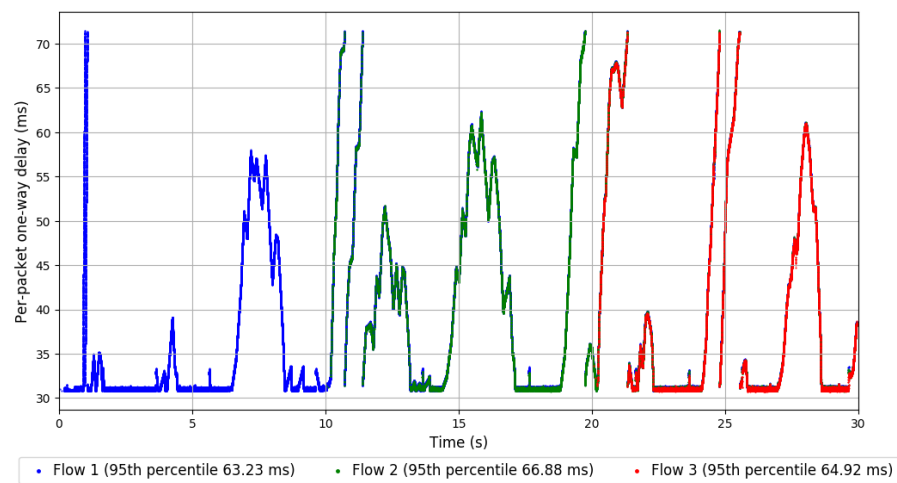
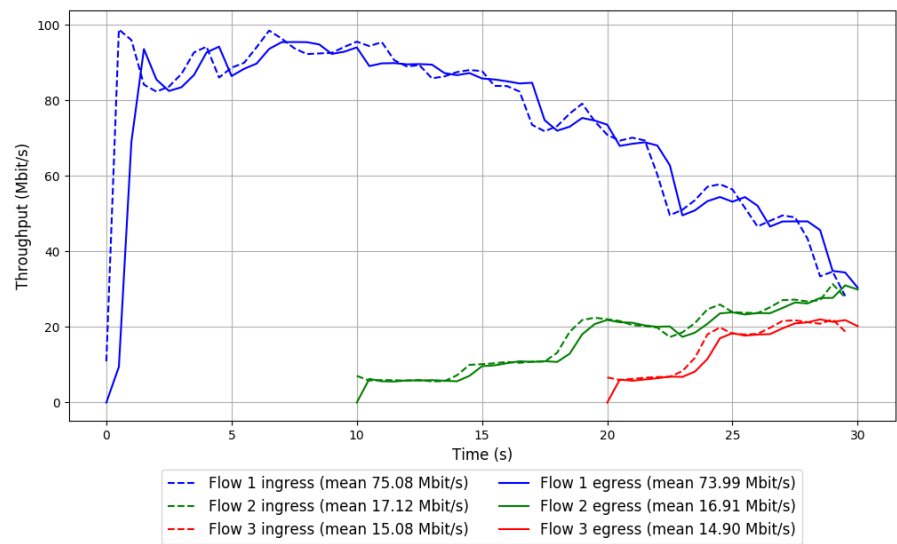


Run 10: Statistics of PCC-Expr

Start at: 2018-08-09 12:27:50
End at: 2018-08-09 12:28:20
Local clock offset: 0.248 ms
Remote clock offset: -0.618 ms

Below is generated by plot.py at 2018-08-09 12:50:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.17 Mbit/s
95th percentile per-packet one-way delay: 64.117 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 73.99 Mbit/s
95th percentile per-packet one-way delay: 63.230 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 16.91 Mbit/s
95th percentile per-packet one-way delay: 66.884 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 14.90 Mbit/s
95th percentile per-packet one-way delay: 64.923 ms
Loss rate: 1.14%

Run 10: Report of PCC-Expr — Data Link

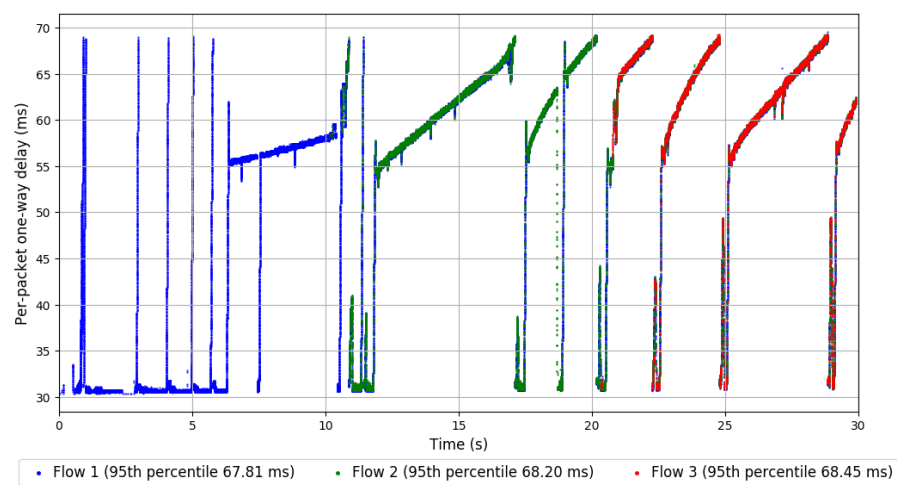
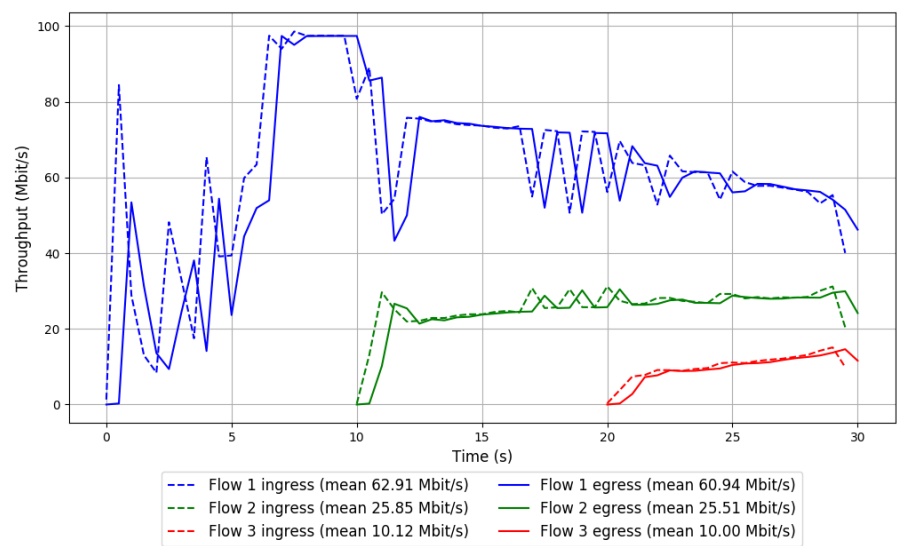


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-09 08:45:19
End at: 2018-08-09 08:45:49
Local clock offset: -6.034 ms
Remote clock offset: -1.596 ms

Below is generated by plot.py at 2018-08-09 12:50:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.16 Mbit/s
95th percentile per-packet one-way delay: 67.978 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 67.811 ms
Loss rate: 3.04%
-- Flow 2:
Average throughput: 25.51 Mbit/s
95th percentile per-packet one-way delay: 68.198 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 10.00 Mbit/s
95th percentile per-packet one-way delay: 68.452 ms
Loss rate: 1.24%

Run 1: Report of QUIC Cubic — Data Link

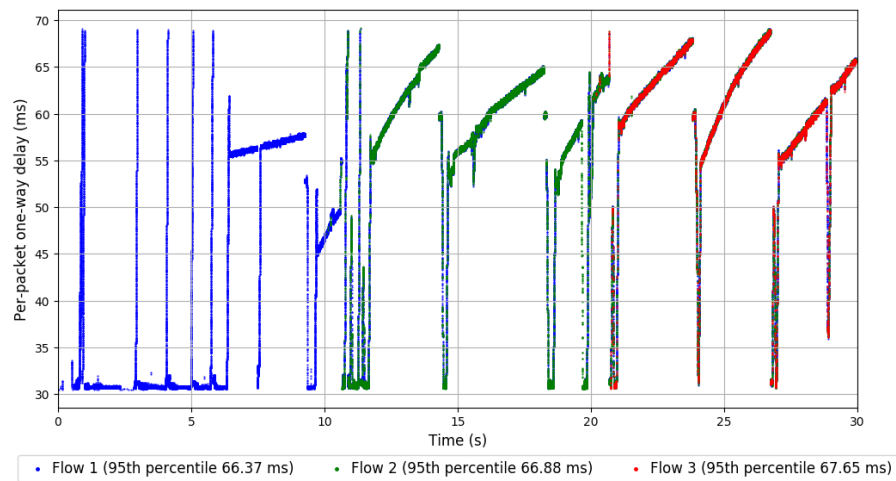
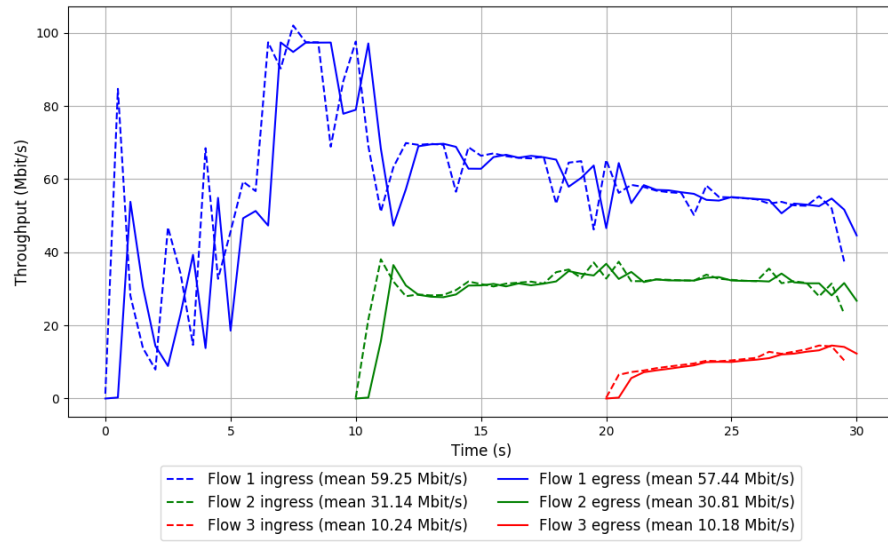


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-09 09:08:10
End at: 2018-08-09 09:08:40
Local clock offset: 0.65 ms
Remote clock offset: -1.681 ms

Below is generated by plot.py at 2018-08-09 12:50:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.26 Mbit/s
95th percentile per-packet one-way delay: 66.611 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 57.44 Mbit/s
95th percentile per-packet one-way delay: 66.374 ms
Loss rate: 2.93%
-- Flow 2:
Average throughput: 30.81 Mbit/s
95th percentile per-packet one-way delay: 66.880 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 10.18 Mbit/s
95th percentile per-packet one-way delay: 67.646 ms
Loss rate: 0.52%

Run 2: Report of QUIC Cubic — Data Link

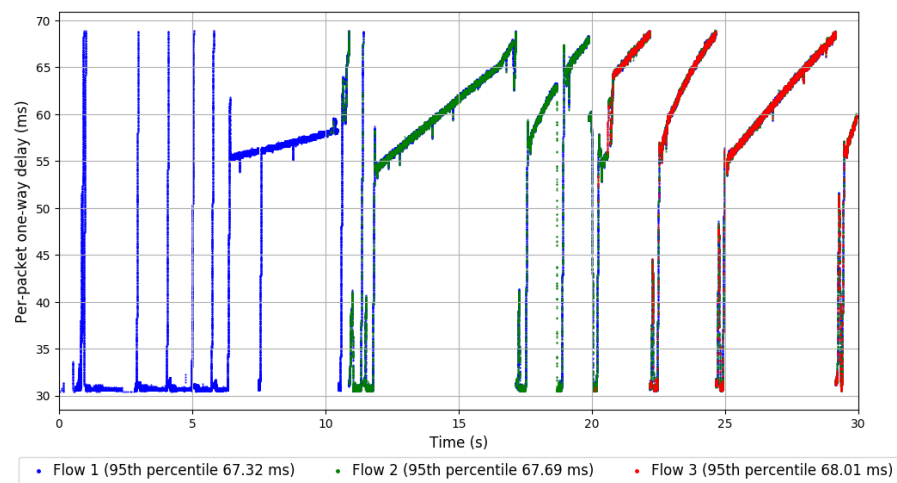
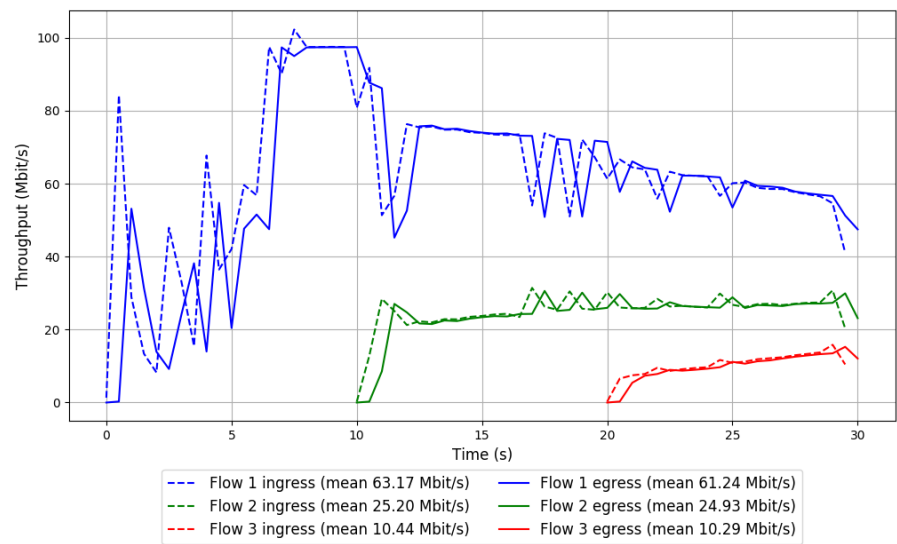


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-09 09:31:01
End at: 2018-08-09 09:31:31
Local clock offset: 0.846 ms
Remote clock offset: -0.928 ms

Below is generated by plot.py at 2018-08-09 12:50:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.17 Mbit/s
95th percentile per-packet one-way delay: 67.433 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 61.24 Mbit/s
95th percentile per-packet one-way delay: 67.323 ms
Loss rate: 2.97%
-- Flow 2:
Average throughput: 24.93 Mbit/s
95th percentile per-packet one-way delay: 67.689 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 68.009 ms
Loss rate: 1.12%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-08-09 09:53:52

End at: 2018-08-09 09:54:22

Local clock offset: -1.207 ms

Remote clock offset: 0.106 ms

Below is generated by plot.py at 2018-08-09 12:50:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.12 Mbit/s

95th percentile per-packet one-way delay: 67.469 ms

Loss rate: 3.51%

-- Flow 1:

Average throughput: 54.58 Mbit/s

95th percentile per-packet one-way delay: 67.380 ms

Loss rate: 4.35%

-- Flow 2:

Average throughput: 26.20 Mbit/s

95th percentile per-packet one-way delay: 67.541 ms

Loss rate: 1.15%

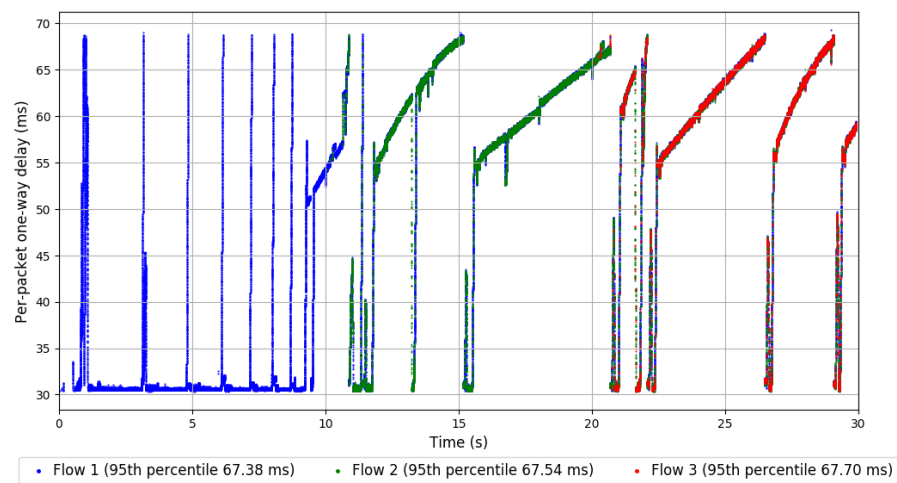
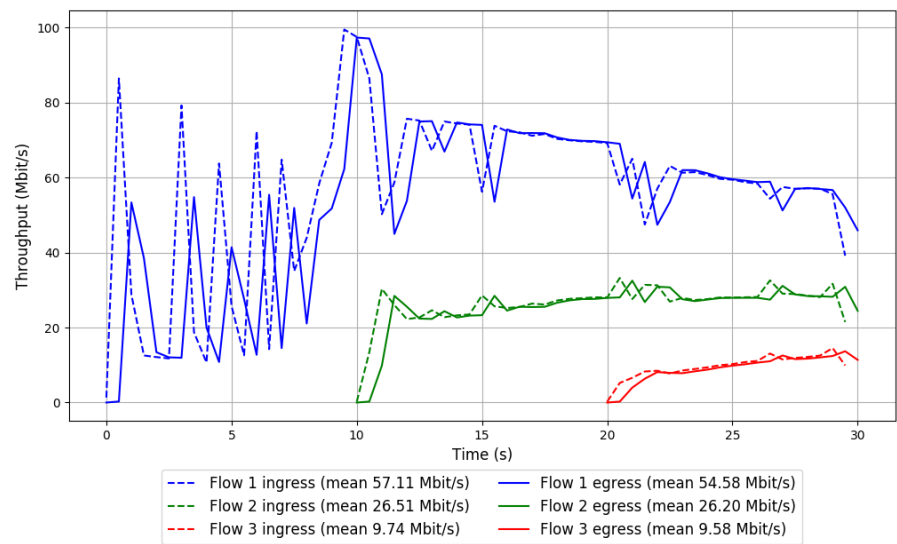
-- Flow 3:

Average throughput: 9.58 Mbit/s

95th percentile per-packet one-way delay: 67.704 ms

Loss rate: 1.65%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-08-09 10:16:46

End at: 2018-08-09 10:17:16

Local clock offset: -2.744 ms

Remote clock offset: -0.95 ms

Below is generated by plot.py at 2018-08-09 12:50:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.35 Mbit/s

95th percentile per-packet one-way delay: 66.796 ms

Loss rate: 2.33%

-- Flow 1:

Average throughput: 57.01 Mbit/s

95th percentile per-packet one-way delay: 65.831 ms

Loss rate: 2.86%

-- Flow 2:

Average throughput: 23.11 Mbit/s

95th percentile per-packet one-way delay: 67.083 ms

Loss rate: 0.93%

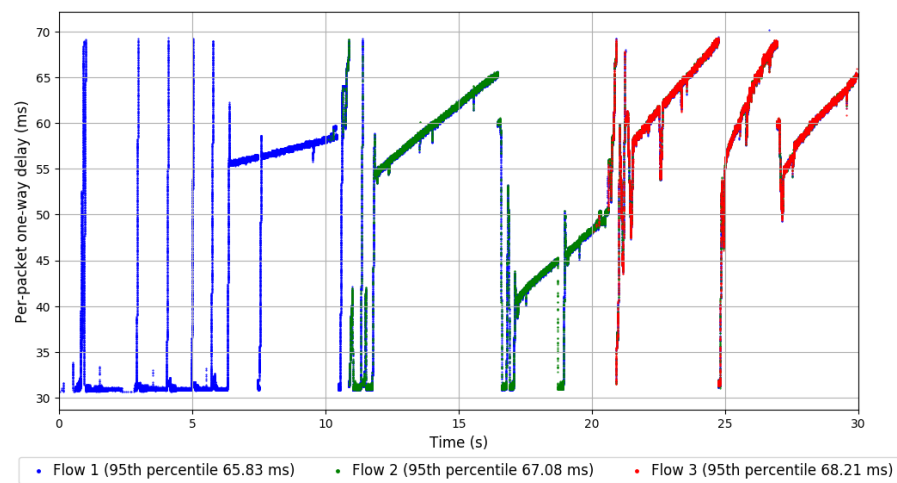
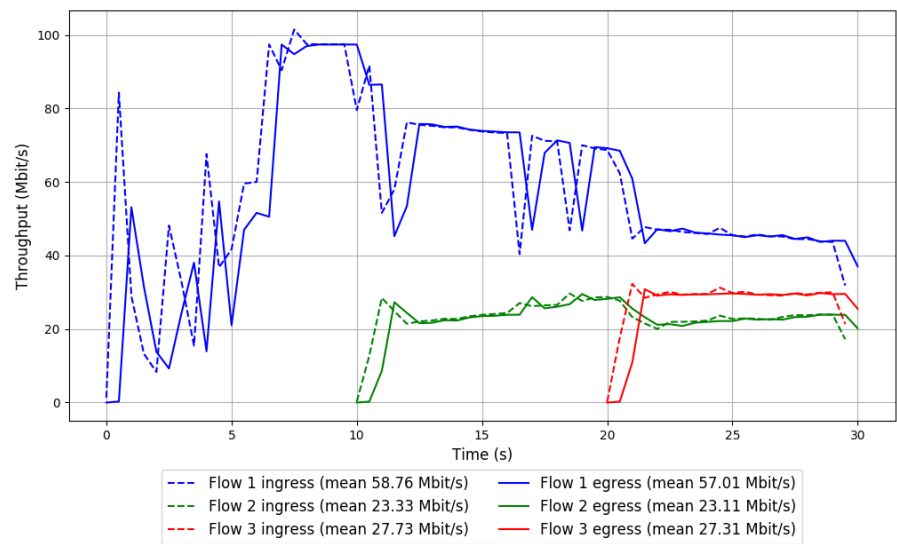
-- Flow 3:

Average throughput: 27.31 Mbit/s

95th percentile per-packet one-way delay: 68.214 ms

Loss rate: 1.32%

Run 5: Report of QUIC Cubic — Data Link

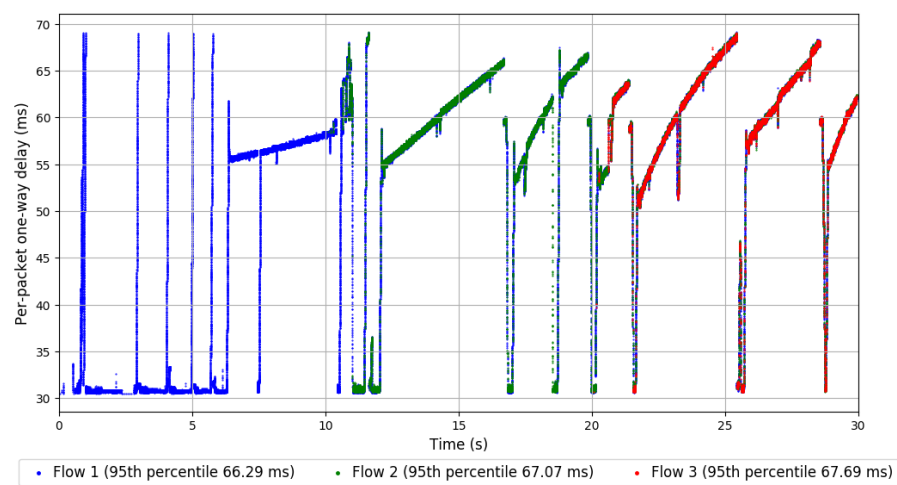
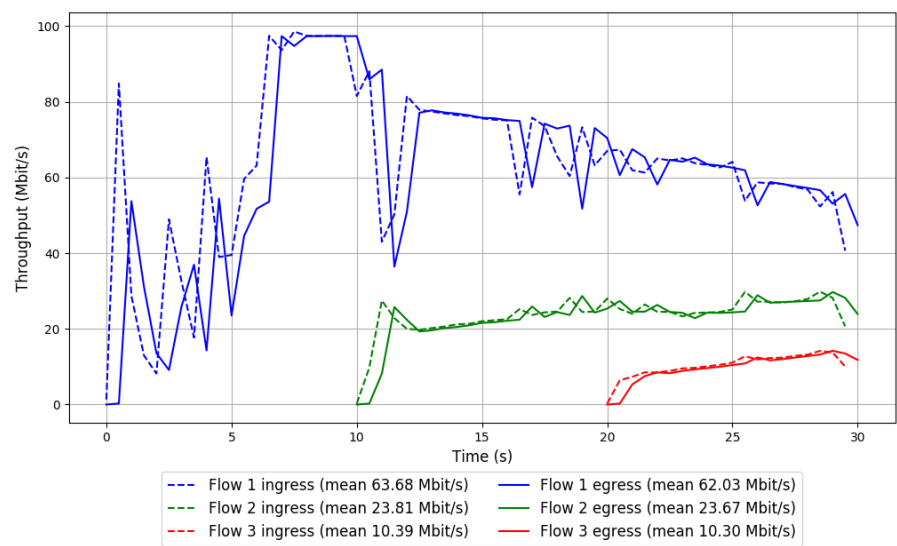


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-09 10:39:39
End at: 2018-08-09 10:40:09
Local clock offset: 0.48 ms
Remote clock offset: -0.635 ms

Below is generated by plot.py at 2018-08-09 12:50:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.13 Mbit/s
95th percentile per-packet one-way delay: 66.516 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 62.03 Mbit/s
95th percentile per-packet one-way delay: 66.286 ms
Loss rate: 2.48%
-- Flow 2:
Average throughput: 23.67 Mbit/s
95th percentile per-packet one-way delay: 67.069 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 10.30 Mbit/s
95th percentile per-packet one-way delay: 67.692 ms
Loss rate: 0.59%

Run 6: Report of QUIC Cubic — Data Link

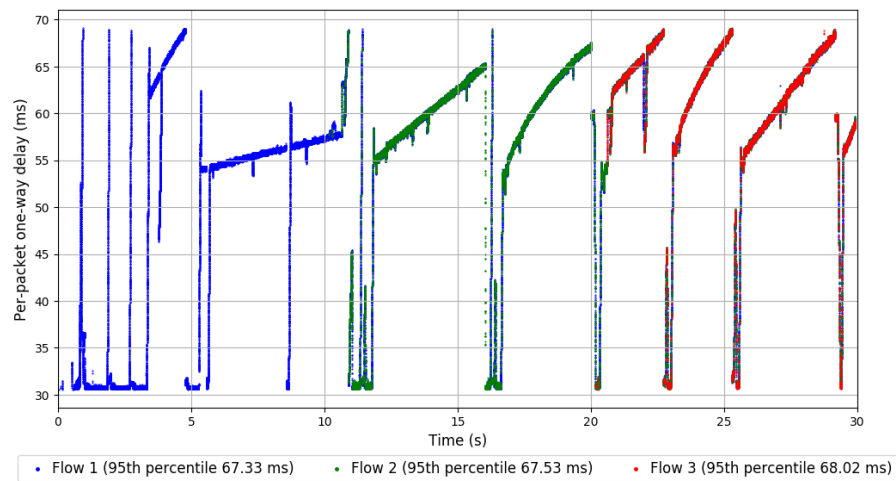
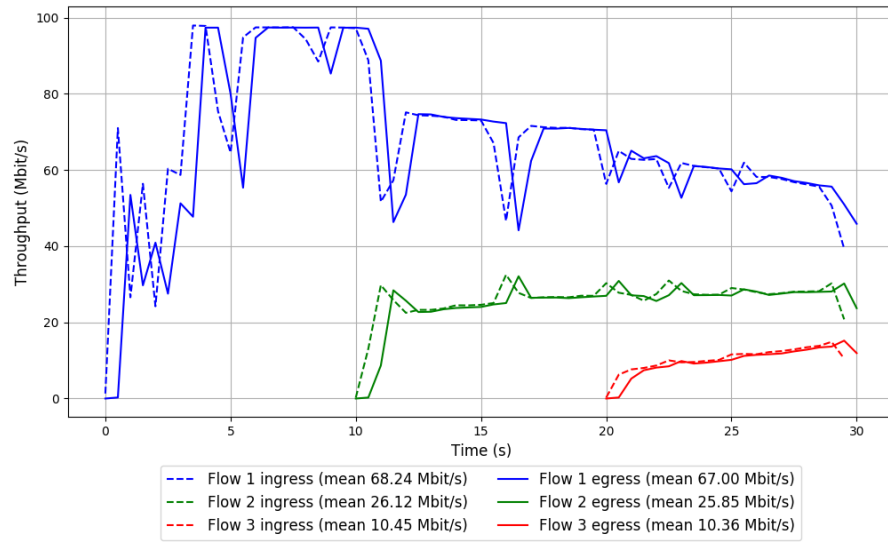


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-09 11:02:34
End at: 2018-08-09 11:03:04
Local clock offset: 0.619 ms
Remote clock offset: -0.485 ms

Below is generated by plot.py at 2018-08-09 12:50:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 67.471 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 67.00 Mbit/s
95th percentile per-packet one-way delay: 67.334 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 25.85 Mbit/s
95th percentile per-packet one-way delay: 67.529 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 10.36 Mbit/s
95th percentile per-packet one-way delay: 68.019 ms
Loss rate: 0.84%

Run 7: Report of QUIC Cubic — Data Link

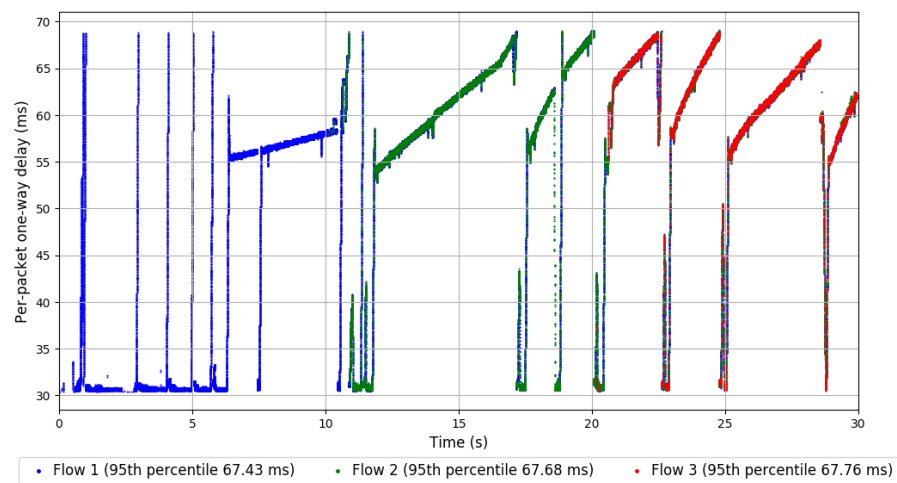
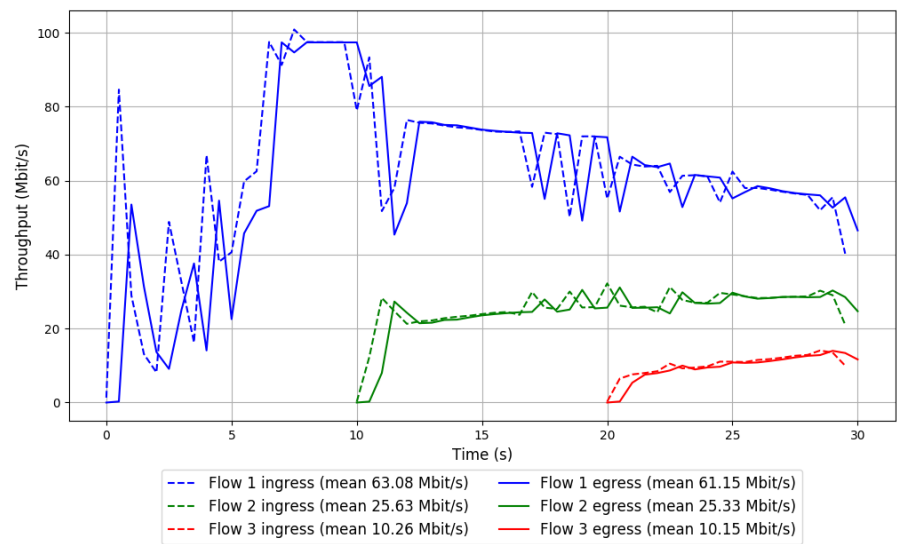


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-09 11:25:30
End at: 2018-08-09 11:26:00
Local clock offset: 0.457 ms
Remote clock offset: -0.461 ms

Below is generated by plot.py at 2018-08-09 12:50:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.30 Mbit/s
95th percentile per-packet one-way delay: 67.488 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 61.15 Mbit/s
95th percentile per-packet one-way delay: 67.434 ms
Loss rate: 2.96%
-- Flow 2:
Average throughput: 25.33 Mbit/s
95th percentile per-packet one-way delay: 67.682 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 10.15 Mbit/s
95th percentile per-packet one-way delay: 67.756 ms
Loss rate: 0.73%

Run 8: Report of QUIC Cubic — Data Link

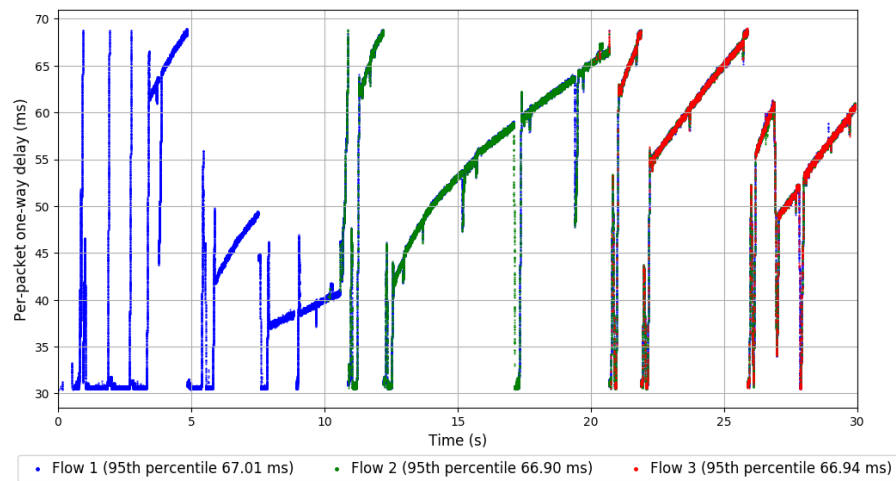
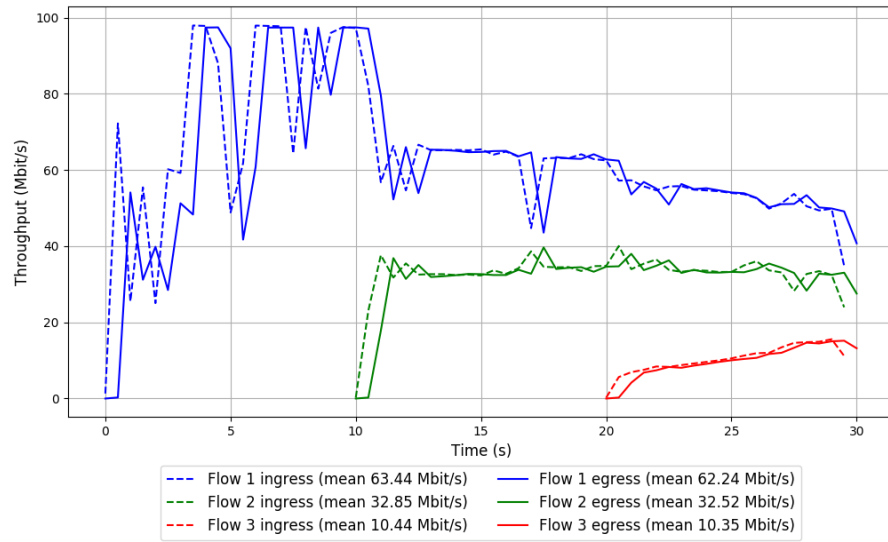


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-09 11:48:42
End at: 2018-08-09 11:49:12
Local clock offset: 0.298 ms
Remote clock offset: -0.732 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 66.975 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 62.24 Mbit/s
95th percentile per-packet one-way delay: 67.010 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 32.52 Mbit/s
95th percentile per-packet one-way delay: 66.896 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: 66.937 ms
Loss rate: 0.92%

Run 9: Report of QUIC Cubic — Data Link

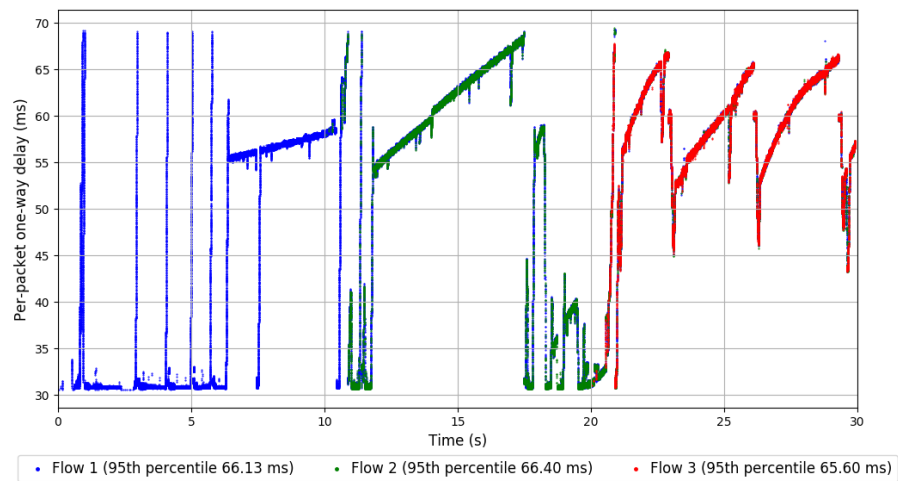
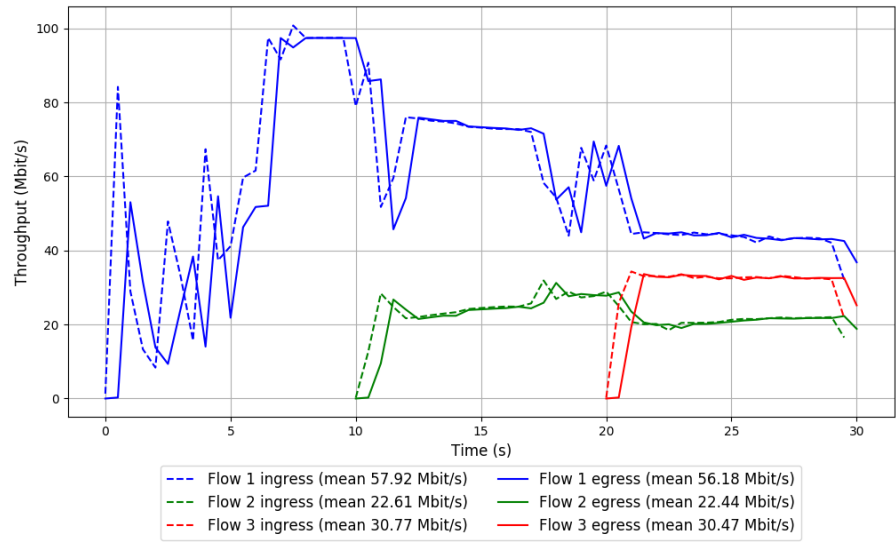


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-09 12:11:36
End at: 2018-08-09 12:12:06
Local clock offset: 0.227 ms
Remote clock offset: -0.553 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.14 Mbit/s
95th percentile per-packet one-way delay: 66.113 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 56.18 Mbit/s
95th percentile per-packet one-way delay: 66.131 ms
Loss rate: 2.92%
-- Flow 2:
Average throughput: 22.44 Mbit/s
95th percentile per-packet one-way delay: 66.398 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 65.604 ms
Loss rate: 0.74%

Run 10: Report of QUIC Cubic — Data Link

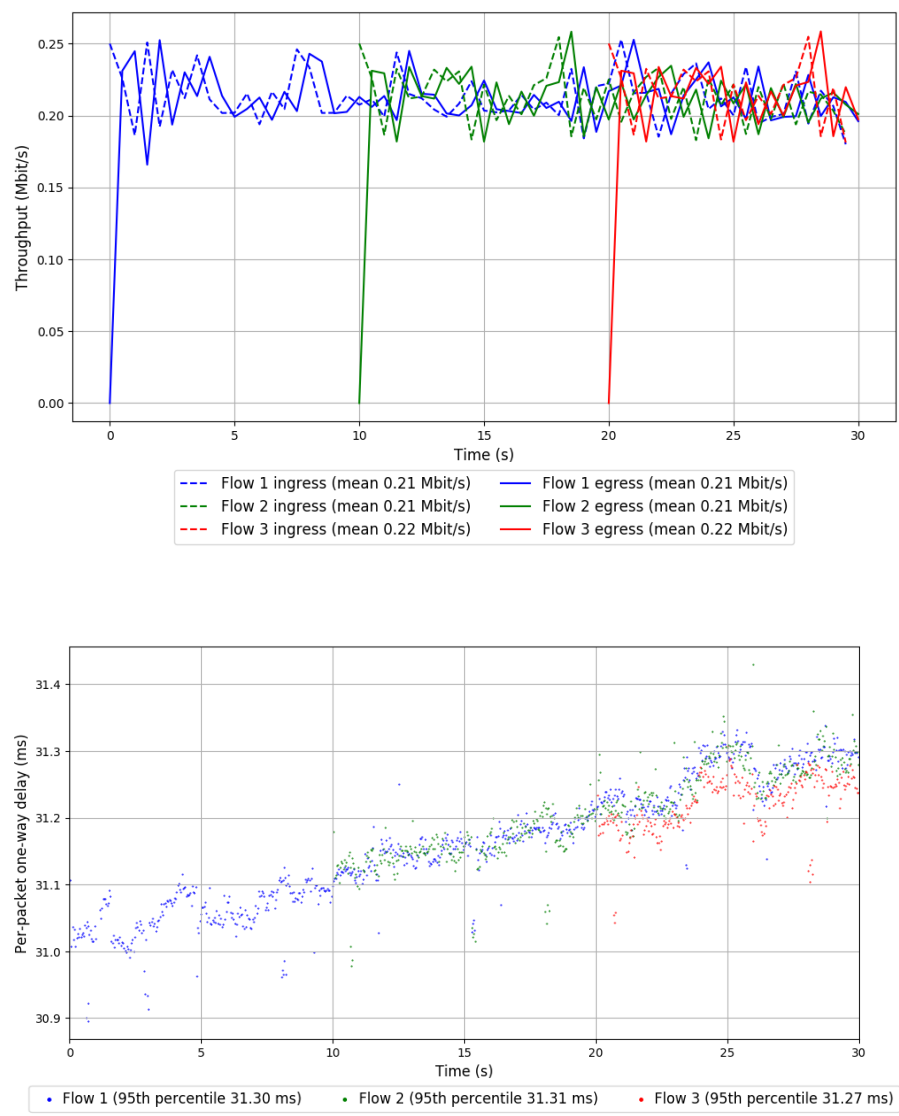


Run 1: Statistics of SReAM

Start at: 2018-08-09 08:47:59
End at: 2018-08-09 08:48:29
Local clock offset: -4.606 ms
Remote clock offset: -1.615 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.301 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.308 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.273 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

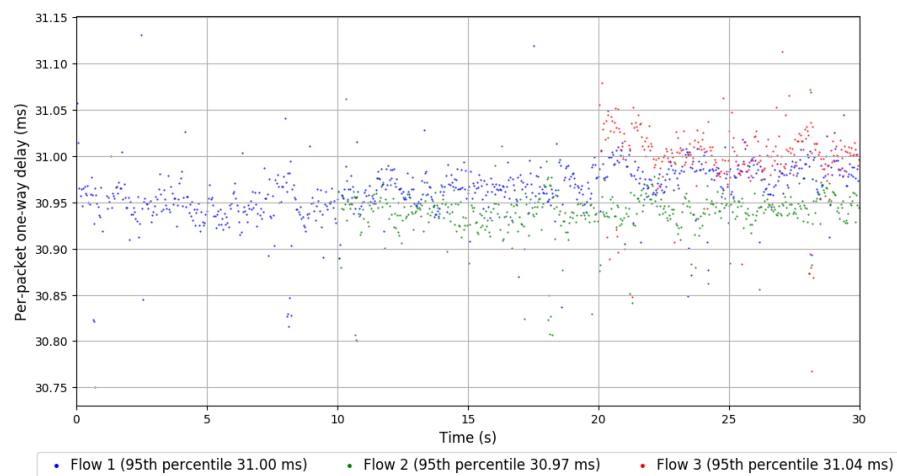
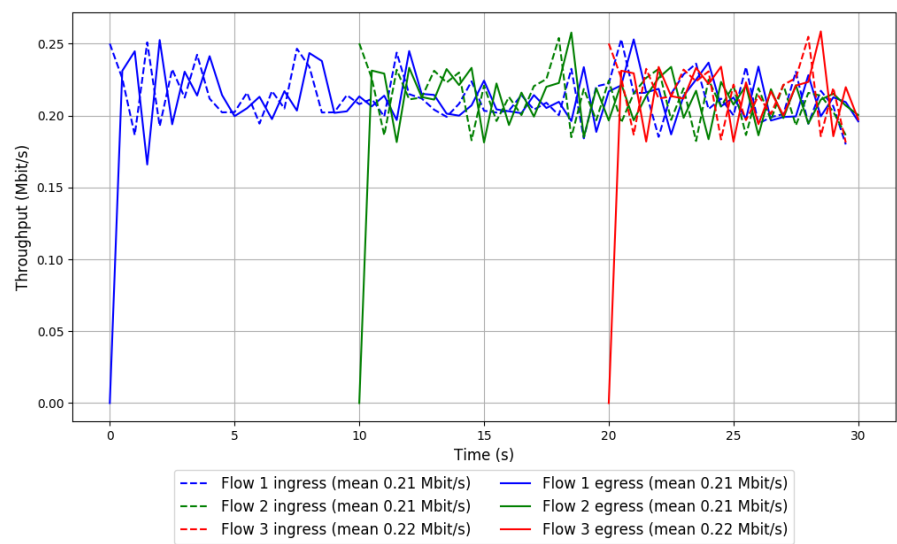


Run 2: Statistics of SReAM

Start at: 2018-08-09 09:10:50
End at: 2018-08-09 09:11:20
Local clock offset: 0.836 ms
Remote clock offset: -1.636 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.002 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.968 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.044 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-08-09 09:33:41

End at: 2018-08-09 09:34:11

Local clock offset: 0.982 ms

Remote clock offset: -0.82 ms

Below is generated by plot.py at 2018-08-09 12:50:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 30.643 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.654 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.569 ms

Loss rate: 0.00%

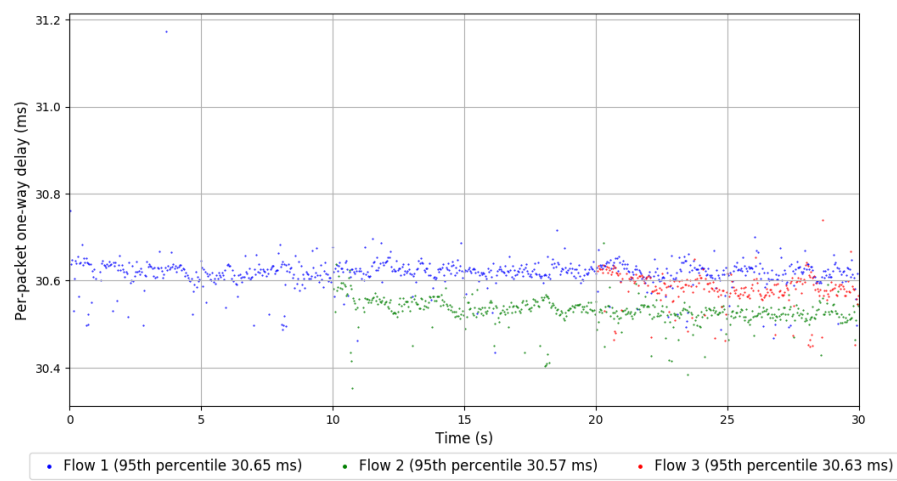
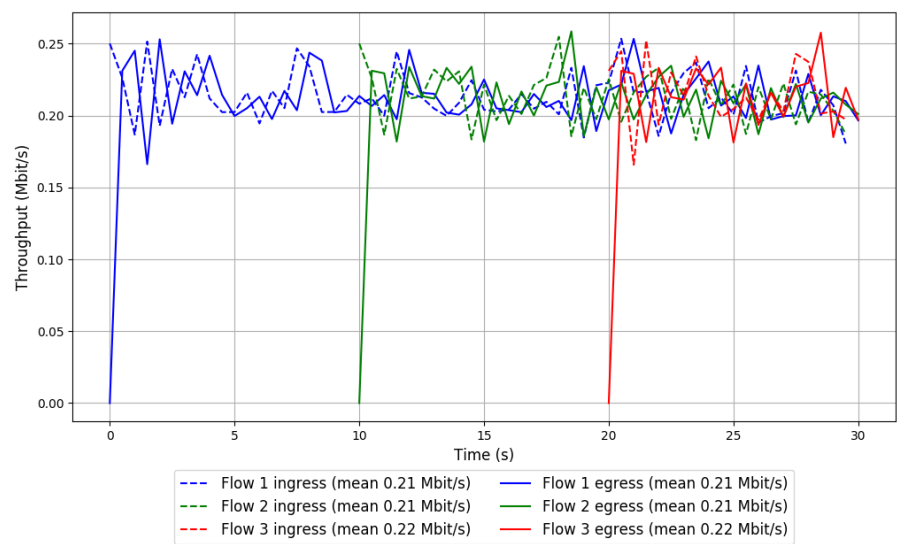
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.629 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: 2018-08-09 09:56:31

End at: 2018-08-09 09:57:01

Local clock offset: -1.778 ms

Remote clock offset: 0.259 ms

Below is generated by plot.py at 2018-08-09 12:50:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 30.857 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.831 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 30.856 ms

Loss rate: 0.00%

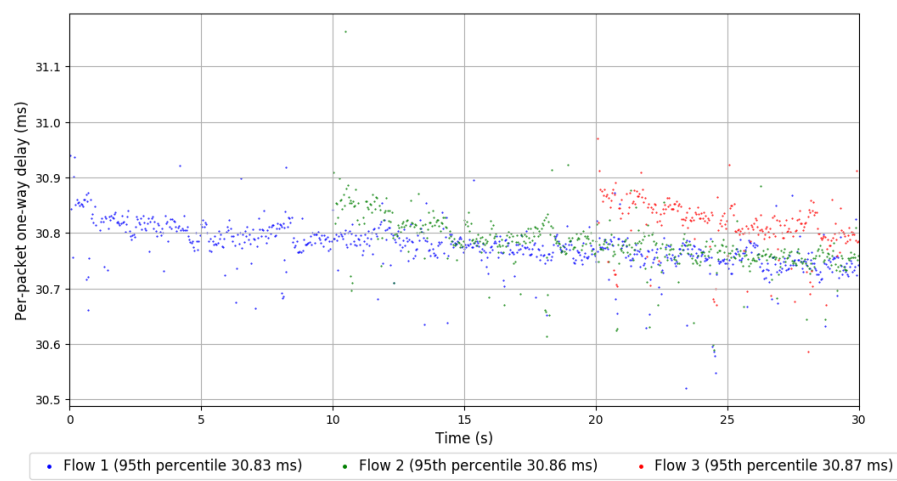
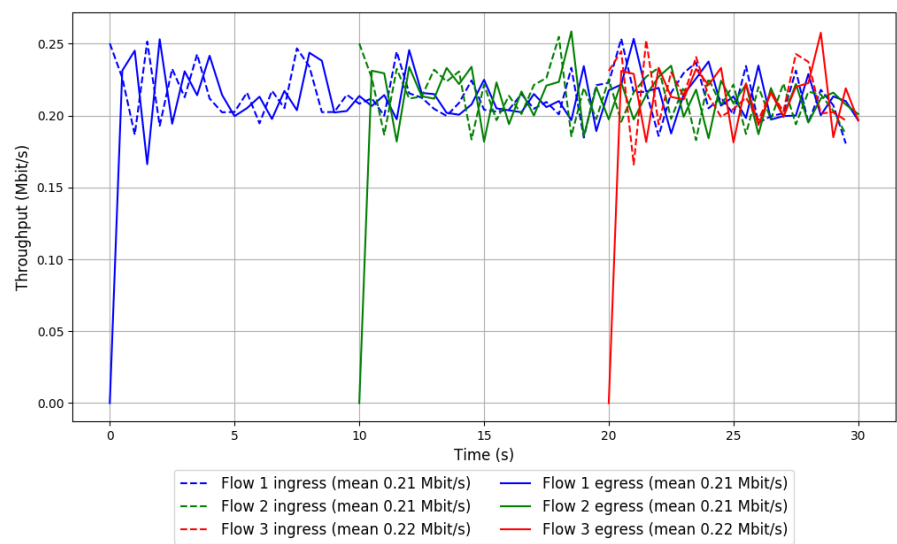
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.873 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

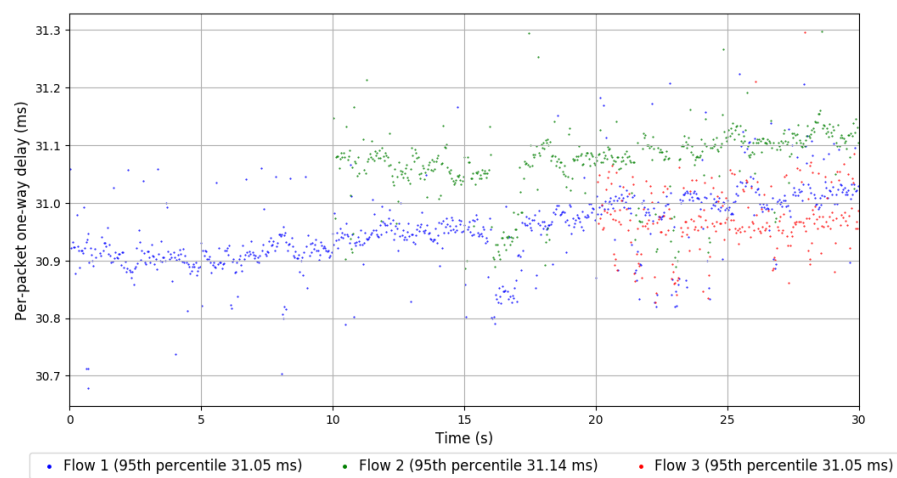
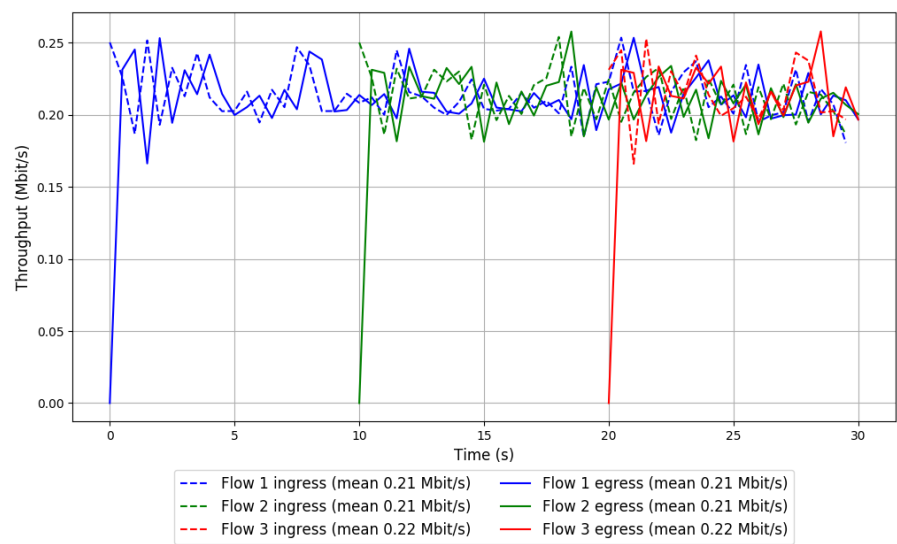


Run 5: Statistics of SReAM

Start at: 2018-08-09 10:19:26
End at: 2018-08-09 10:19:56
Local clock offset: -1.939 ms
Remote clock offset: -1.028 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.119 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.046 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.136 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.054 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

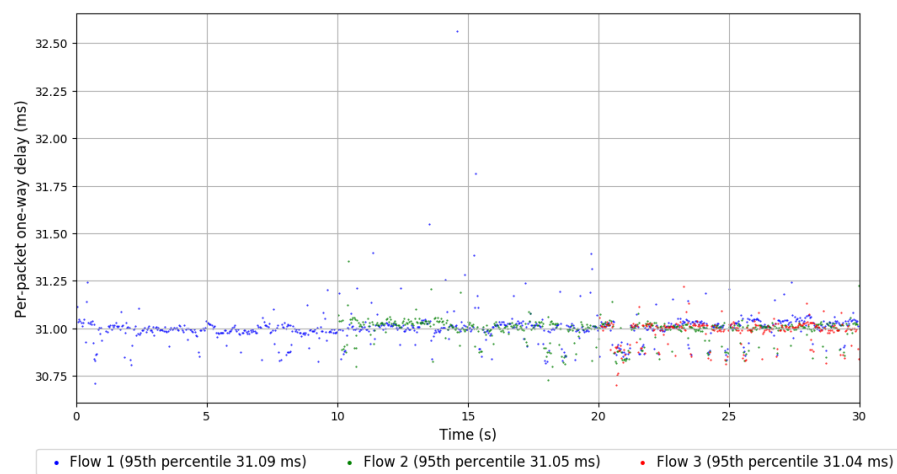
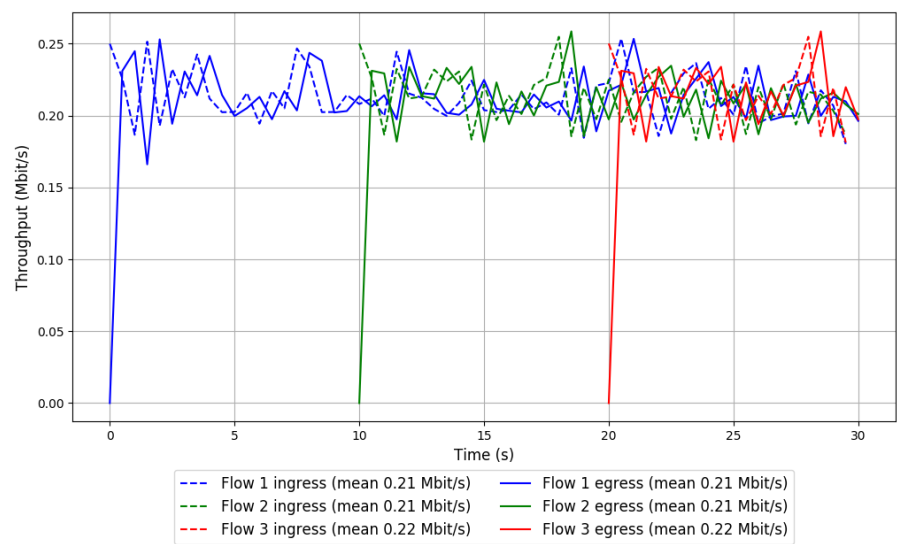


Run 6: Statistics of SReAM

Start at: 2018-08-09 10:42:20
End at: 2018-08-09 10:42:50
Local clock offset: 0.497 ms
Remote clock offset: -0.496 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.062 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.086 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.051 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.038 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

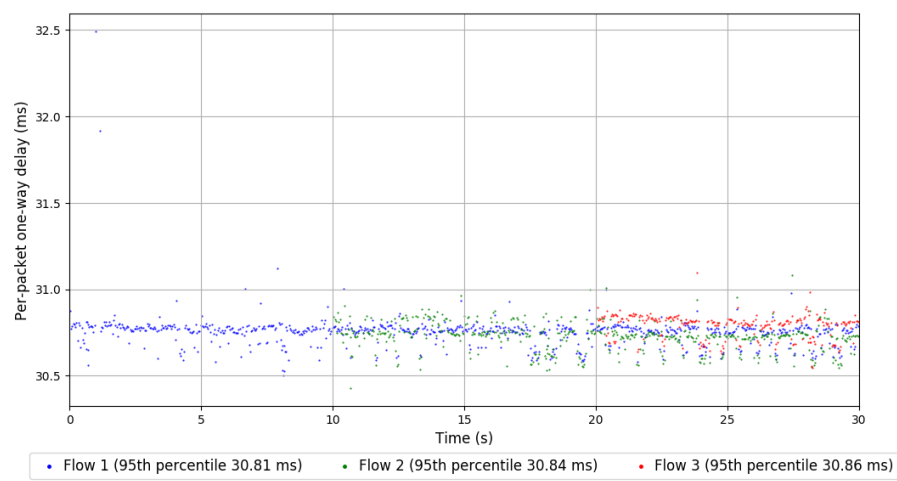
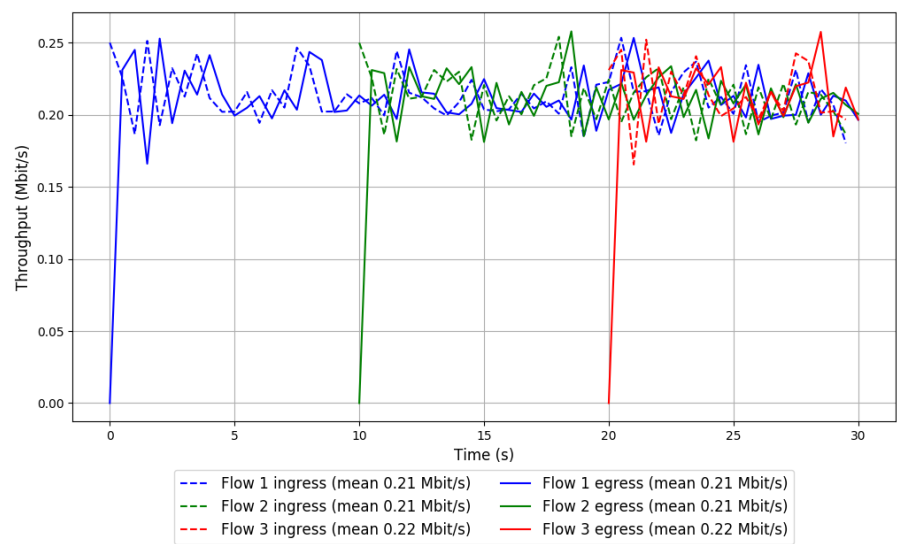


Run 7: Statistics of SReAM

Start at: 2018-08-09 11:05:15
End at: 2018-08-09 11:05:45
Local clock offset: 0.655 ms
Remote clock offset: -0.507 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.809 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.845 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.855 ms
Loss rate: 0.00%

Run 7: Report of SCRaM — Data Link

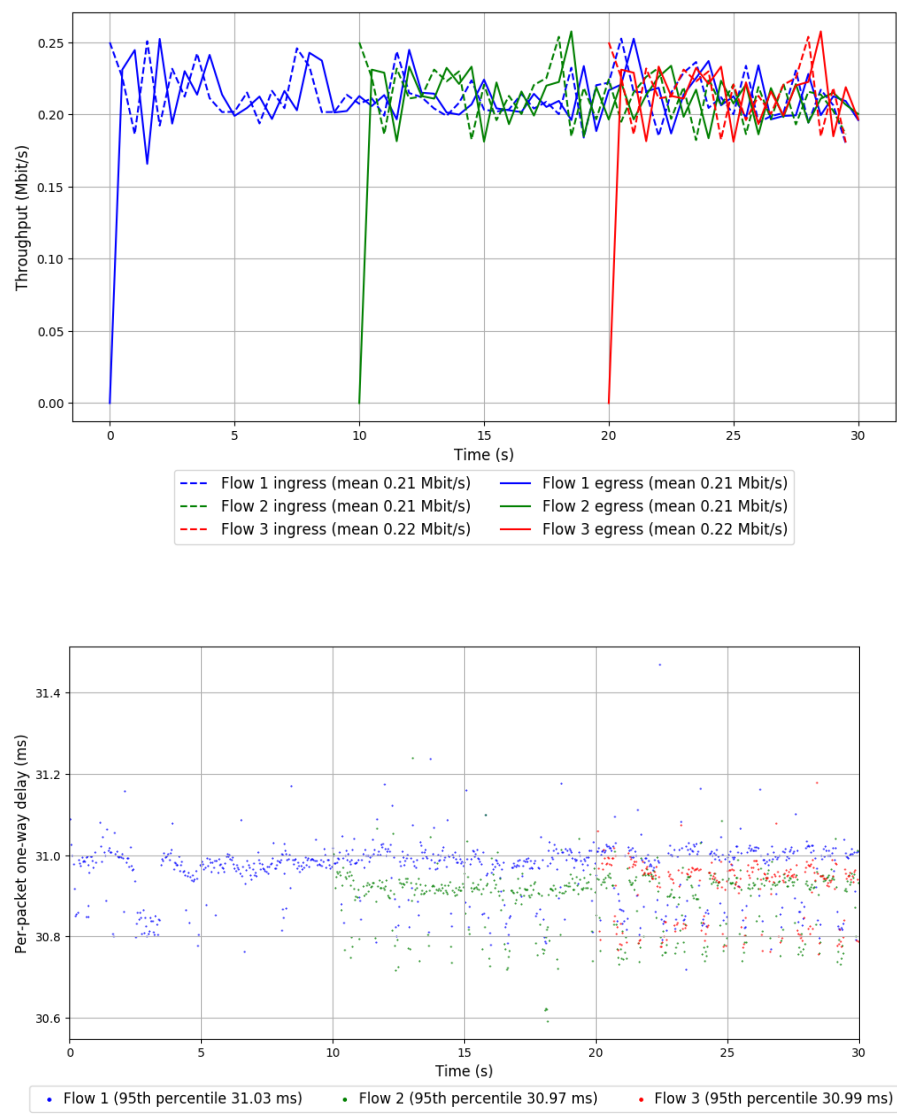


Run 8: Statistics of SReAM

Start at: 2018-08-09 11:28:10
End at: 2018-08-09 11:28:40
Local clock offset: 0.332 ms
Remote clock offset: -0.479 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 31.023 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.032 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.968 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.993 ms
Loss rate: 0.00%

Run 8: Report of SCRaM — Data Link

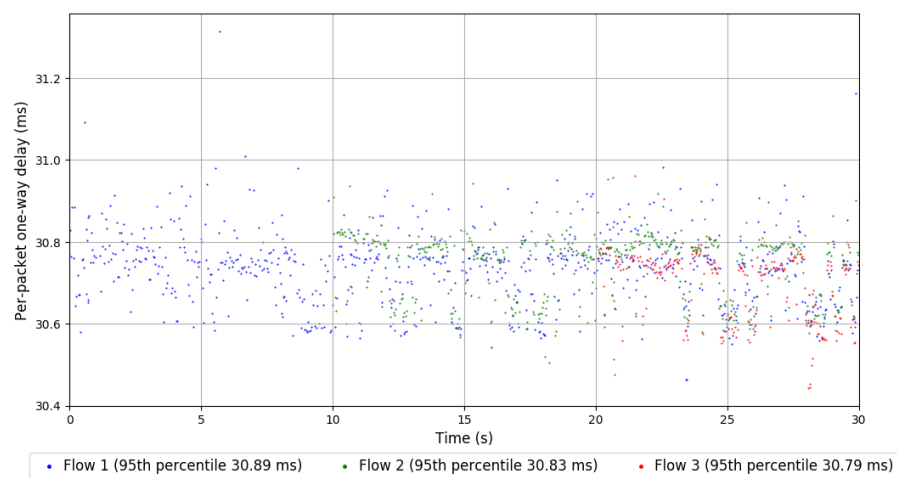
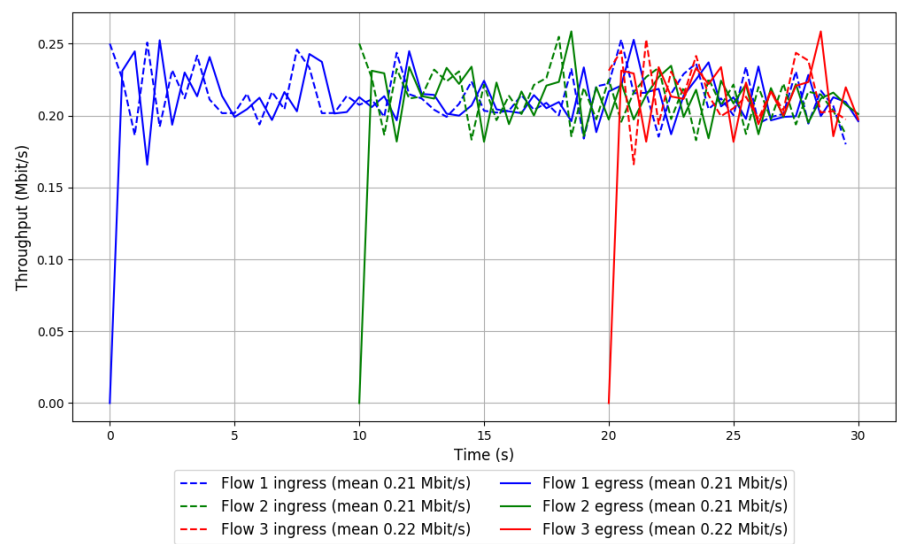


Run 9: Statistics of SReAM

Start at: 2018-08-09 11:51:22
End at: 2018-08-09 11:51:52
Local clock offset: 0.343 ms
Remote clock offset: -0.552 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.859 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.886 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.829 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.787 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

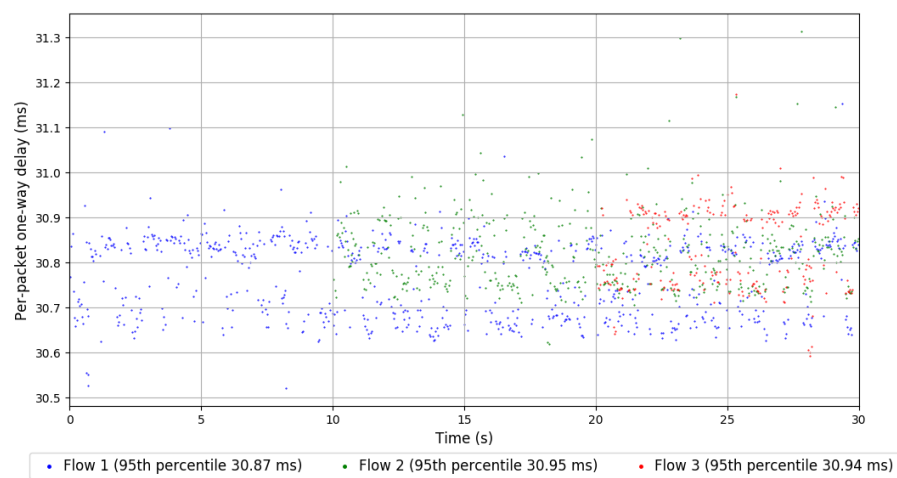
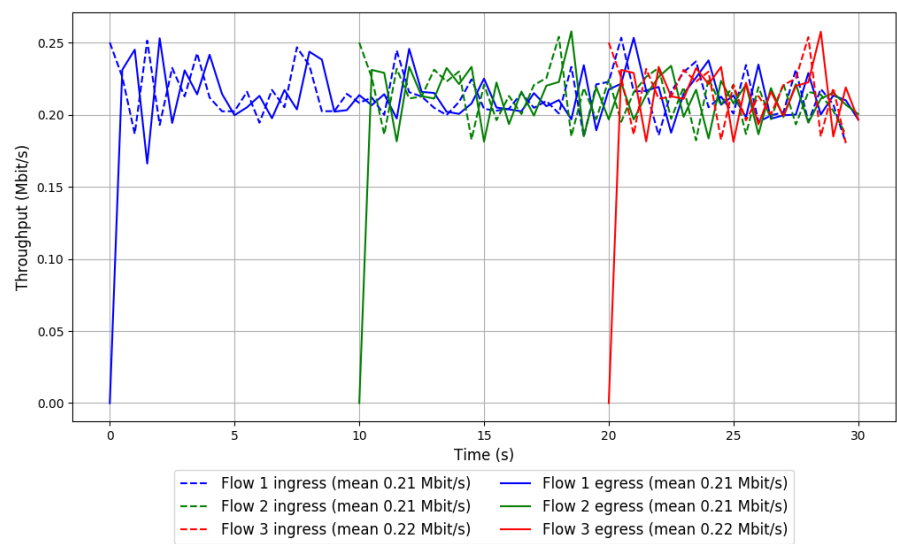


Run 10: Statistics of SReAM

Start at: 2018-08-09 12:14:23
End at: 2018-08-09 12:14:53
Local clock offset: 0.307 ms
Remote clock offset: -0.528 ms

Below is generated by plot.py at 2018-08-09 12:50:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.867 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.953 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.940 ms
Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link

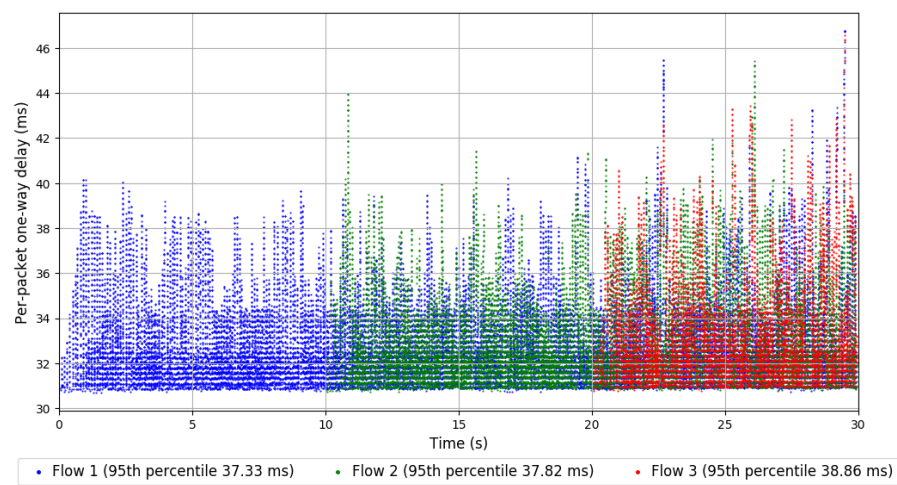
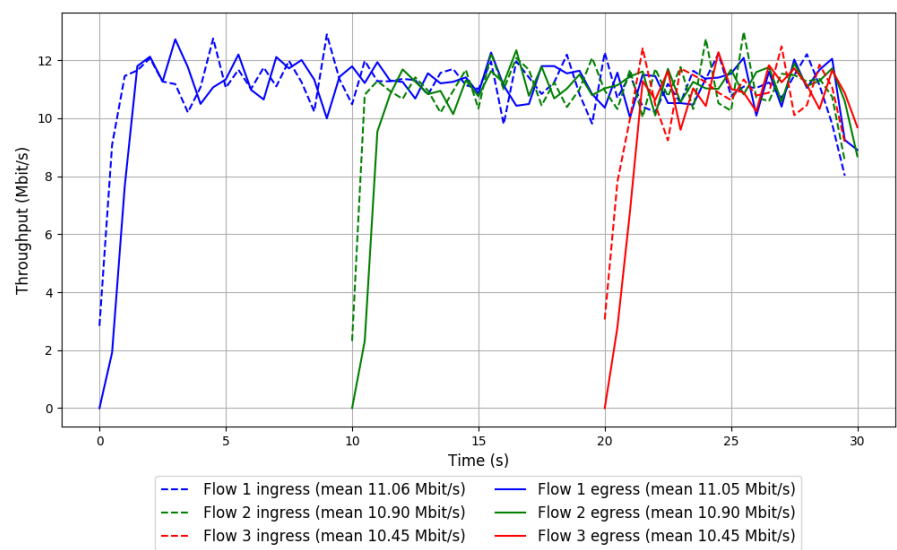


Run 1: Statistics of Sprout

Start at: 2018-08-09 09:00:06
End at: 2018-08-09 09:00:36
Local clock offset: -0.584 ms
Remote clock offset: -1.695 ms

Below is generated by plot.py at 2018-08-09 12:50:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.76 Mbit/s
95th percentile per-packet one-way delay: 37.783 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 37.333 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 10.90 Mbit/s
95th percentile per-packet one-way delay: 37.820 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 38.857 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

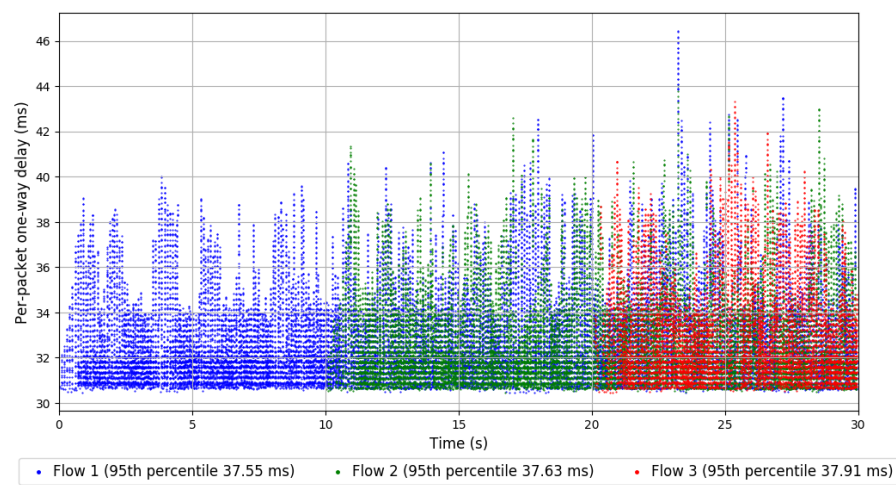
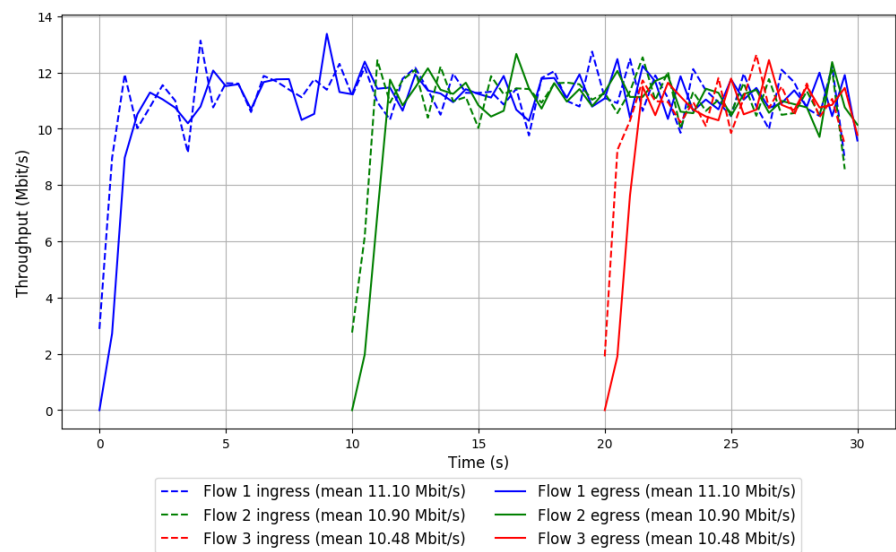


Run 2: Statistics of Sprout

Start at: 2018-08-09 09:22:58
End at: 2018-08-09 09:23:28
Local clock offset: 0.957 ms
Remote clock offset: -1.548 ms

Below is generated by plot.py at 2018-08-09 12:50:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.81 Mbit/s
95th percentile per-packet one-way delay: 37.632 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 37.545 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.90 Mbit/s
95th percentile per-packet one-way delay: 37.630 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.48 Mbit/s
95th percentile per-packet one-way delay: 37.907 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

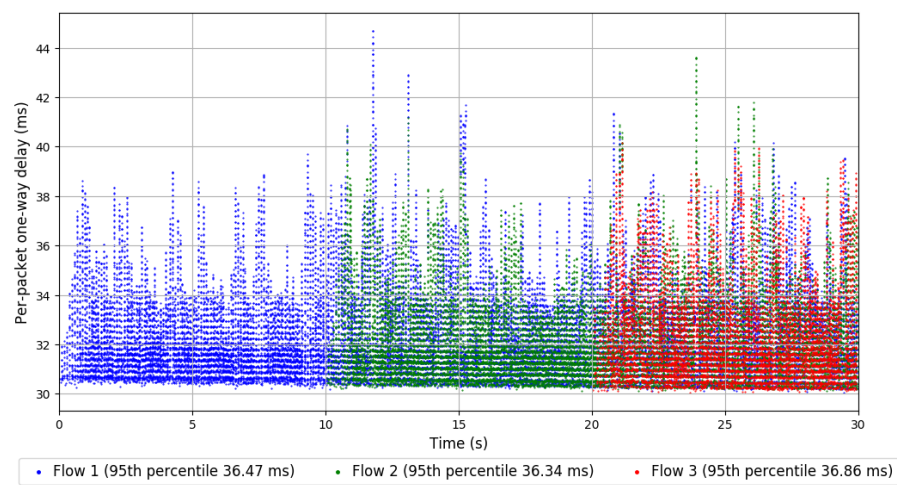
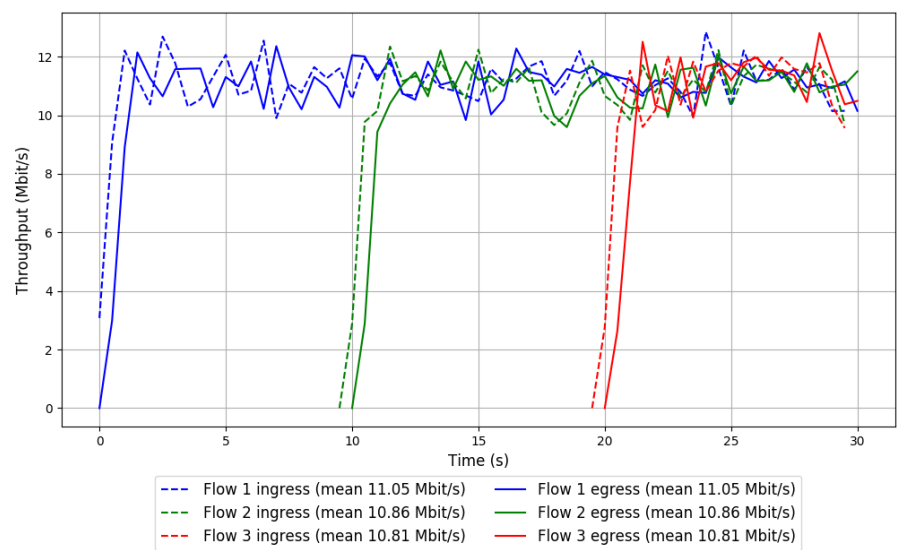


Run 3: Statistics of Sprout

Start at: 2018-08-09 09:45:47
End at: 2018-08-09 09:46:17
Local clock offset: 1.358 ms
Remote clock offset: -0.149 ms

```
# Below is generated by plot.py at 2018-08-09 12:50:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.85 Mbit/s
95th percentile per-packet one-way delay: 36.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 36.470 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 36.338 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 36.861 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

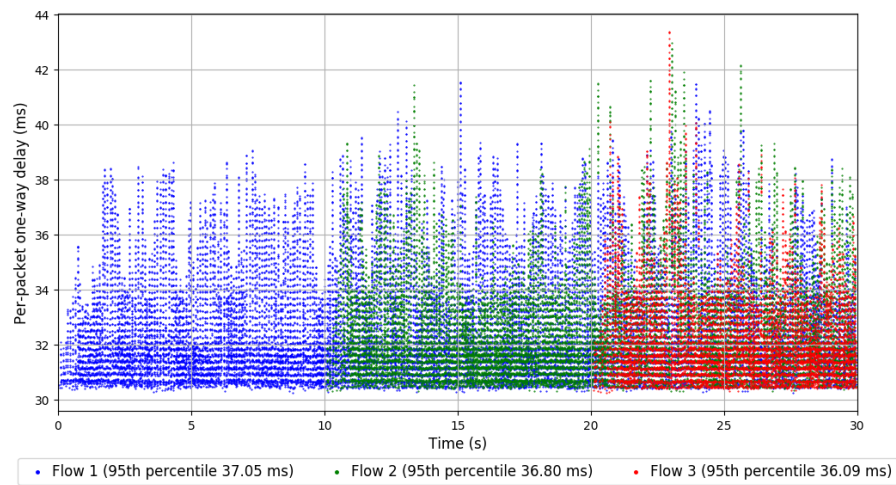
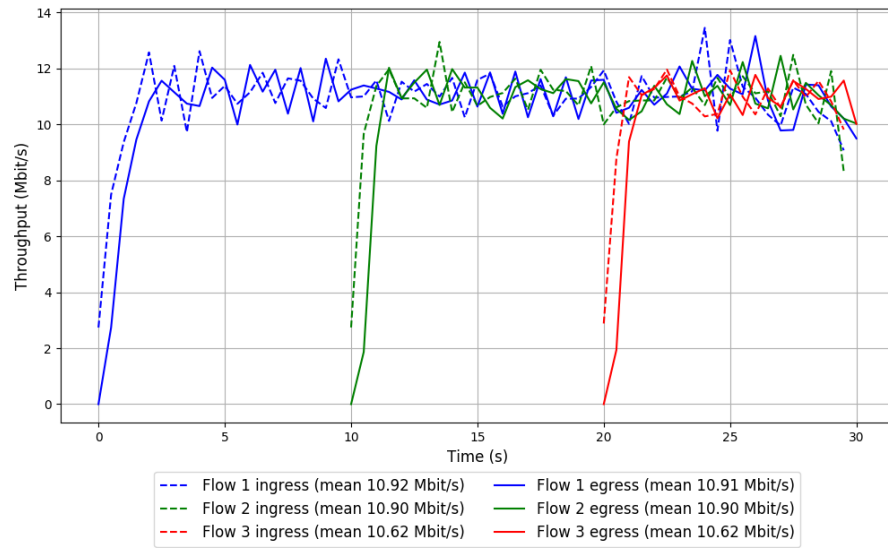


Run 4: Statistics of Sprout

Start at: 2018-08-09 10:08:41
End at: 2018-08-09 10:09:11
Local clock offset: -2.794 ms
Remote clock offset: -0.779 ms

```
# Below is generated by plot.py at 2018-08-09 12:50:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 36.925 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 10.91 Mbit/s
95th percentile per-packet one-way delay: 37.054 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 10.90 Mbit/s
95th percentile per-packet one-way delay: 36.797 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.62 Mbit/s
95th percentile per-packet one-way delay: 36.095 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

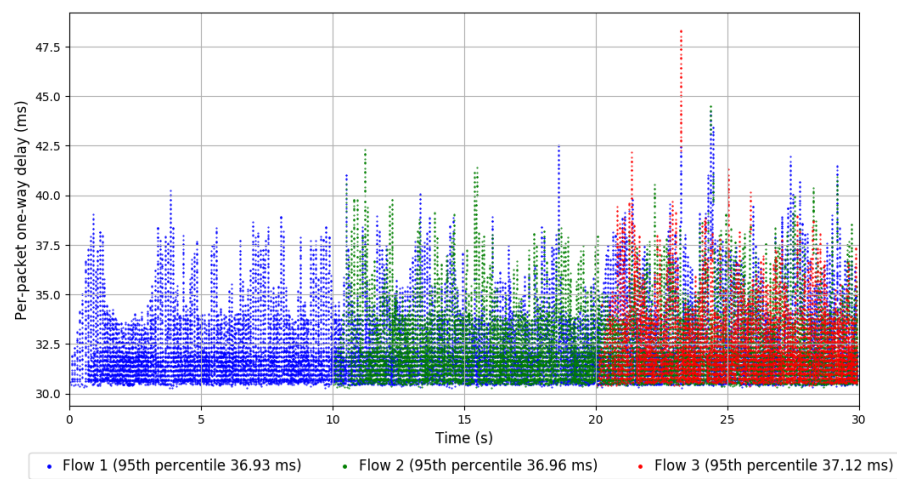
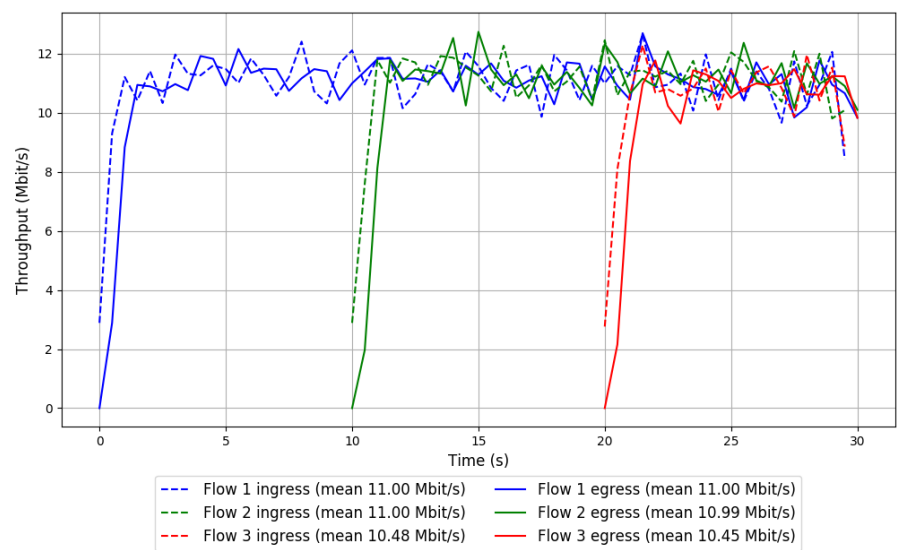


Run 5: Statistics of Sprout

Start at: 2018-08-09 10:31:35
End at: 2018-08-09 10:32:05
Local clock offset: -0.04 ms
Remote clock offset: -1.269 ms

Below is generated by plot.py at 2018-08-09 12:50:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.76 Mbit/s
95th percentile per-packet one-way delay: 36.962 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 36.926 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 10.99 Mbit/s
95th percentile per-packet one-way delay: 36.964 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 10.45 Mbit/s
95th percentile per-packet one-way delay: 37.115 ms
Loss rate: 0.24%

Run 5: Report of Sprout — Data Link

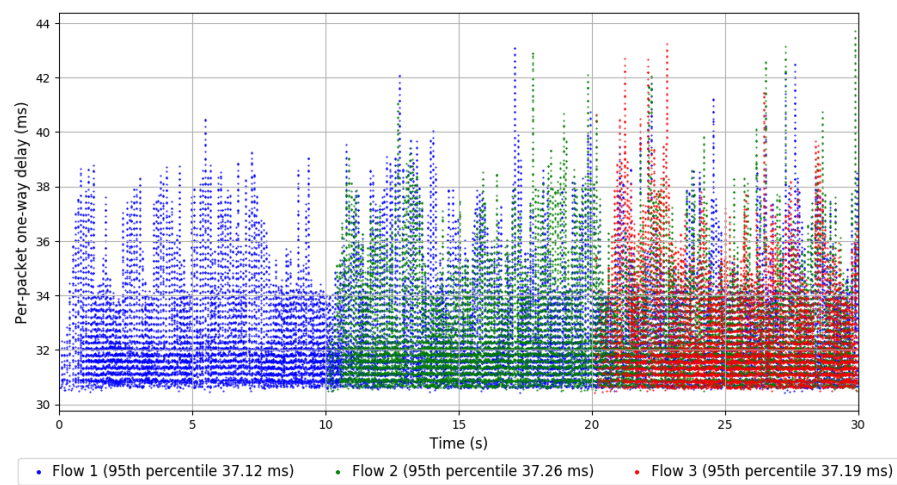
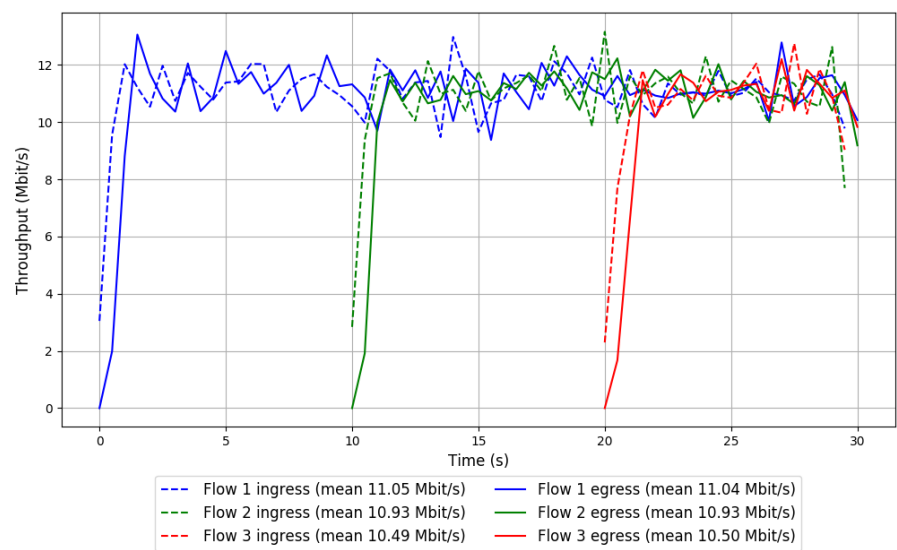


Run 6: Statistics of Sprout

Start at: 2018-08-09 10:54:30
End at: 2018-08-09 10:55:00
Local clock offset: 0.482 ms
Remote clock offset: -0.652 ms

Below is generated by plot.py at 2018-08-09 12:50:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.77 Mbit/s
95th percentile per-packet one-way delay: 37.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 37.115 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.93 Mbit/s
95th percentile per-packet one-way delay: 37.257 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.50 Mbit/s
95th percentile per-packet one-way delay: 37.190 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

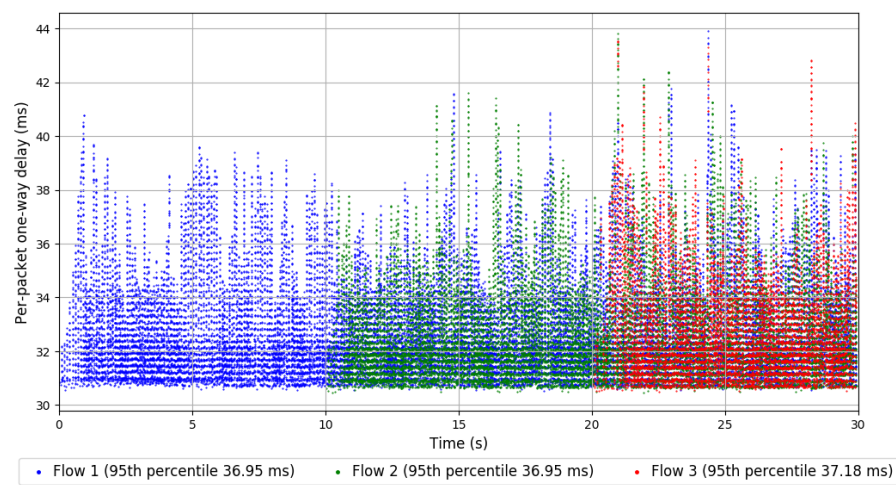
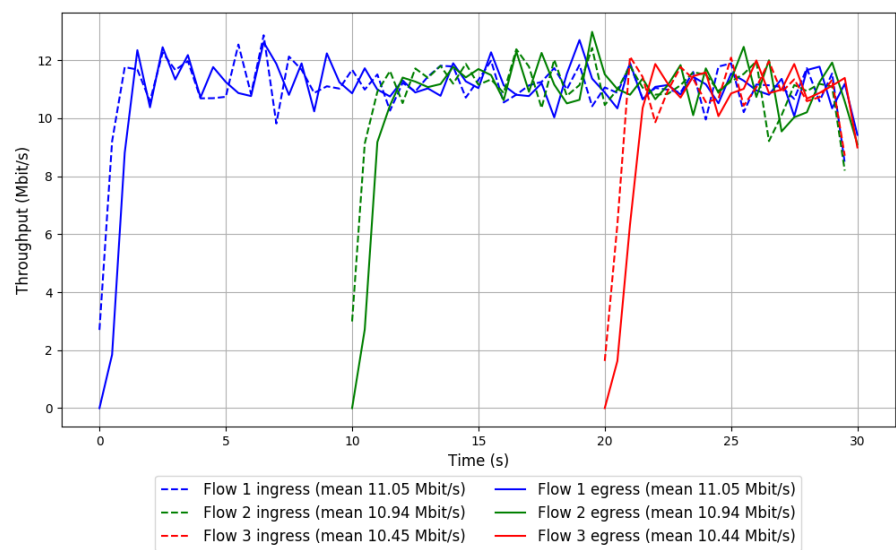


Run 7: Statistics of Sprout

Start at: 2018-08-09 11:17:24
End at: 2018-08-09 11:17:54
Local clock offset: 0.626 ms
Remote clock offset: -0.381 ms

```
# Below is generated by plot.py at 2018-08-09 12:50:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.77 Mbit/s
95th percentile per-packet one-way delay: 36.989 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 36.955 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 36.949 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.44 Mbit/s
95th percentile per-packet one-way delay: 37.182 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

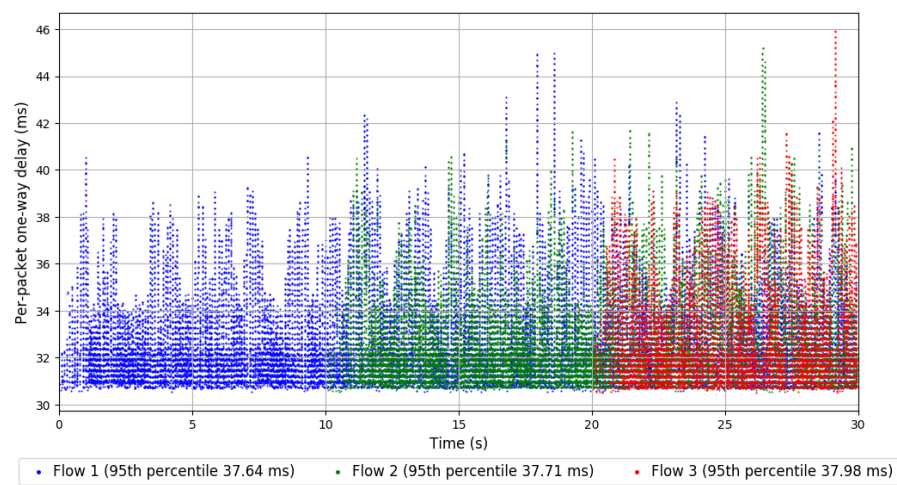
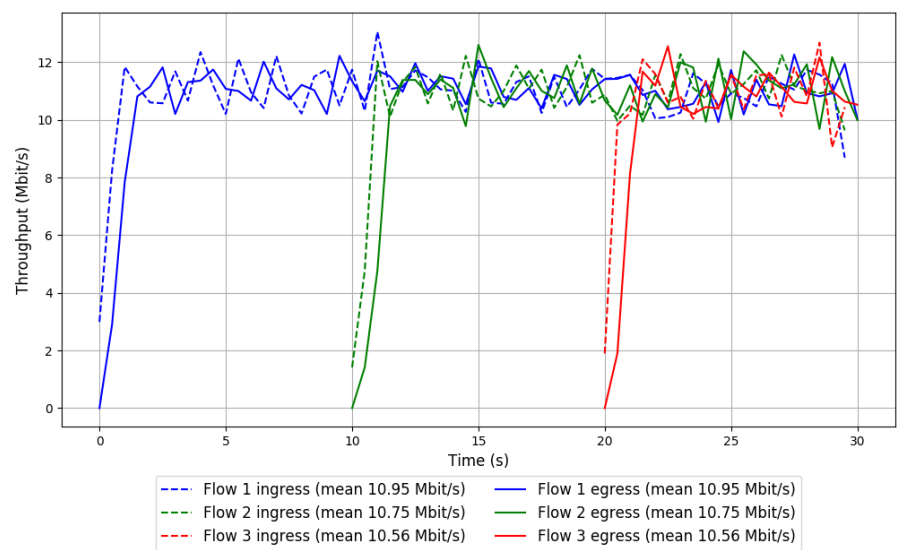


Run 8: Statistics of Sprout

Start at: 2018-08-09 11:40:19
End at: 2018-08-09 11:40:49
Local clock offset: 0.339 ms
Remote clock offset: -0.754 ms

```
# Below is generated by plot.py at 2018-08-09 12:50:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 21.58 Mbit/s
95th percentile per-packet one-way delay: 37.710 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 37.637 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 10.75 Mbit/s
95th percentile per-packet one-way delay: 37.713 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.56 Mbit/s
95th percentile per-packet one-way delay: 37.977 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

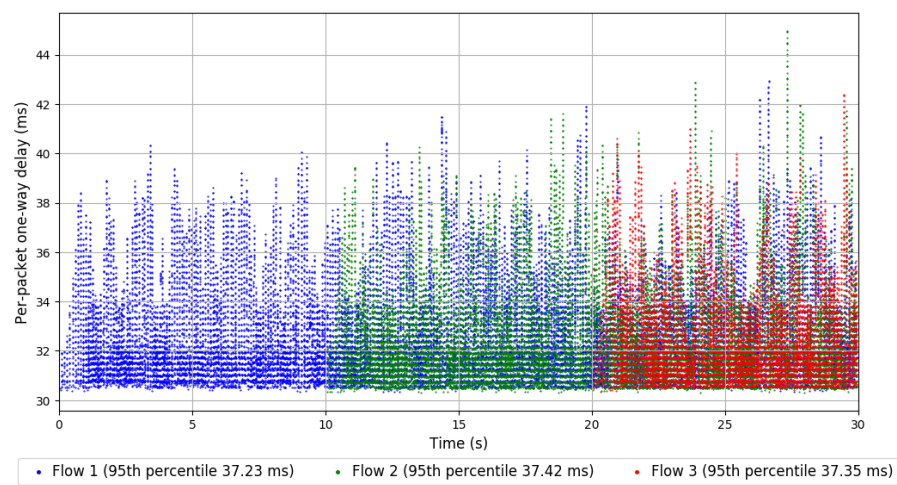
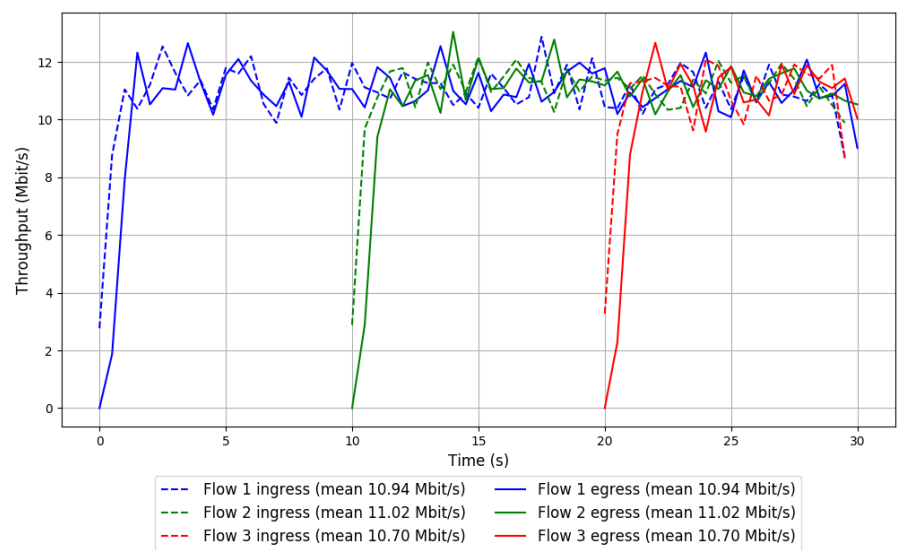


Run 9: Statistics of Sprout

Start at: 2018-08-09 12:03:31
End at: 2018-08-09 12:04:01
Local clock offset: 0.294 ms
Remote clock offset: -0.67 ms

Below is generated by plot.py at 2018-08-09 12:50:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.81 Mbit/s
95th percentile per-packet one-way delay: 37.290 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 37.232 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 37.424 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.70 Mbit/s
95th percentile per-packet one-way delay: 37.350 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

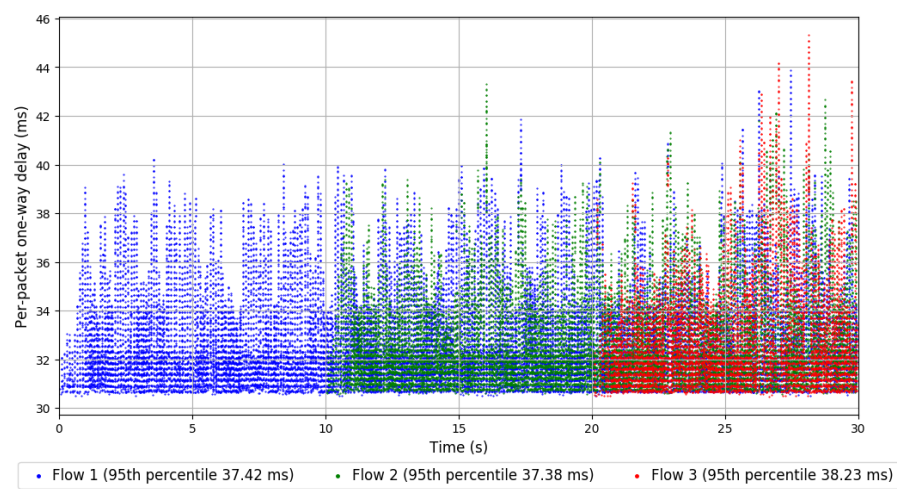
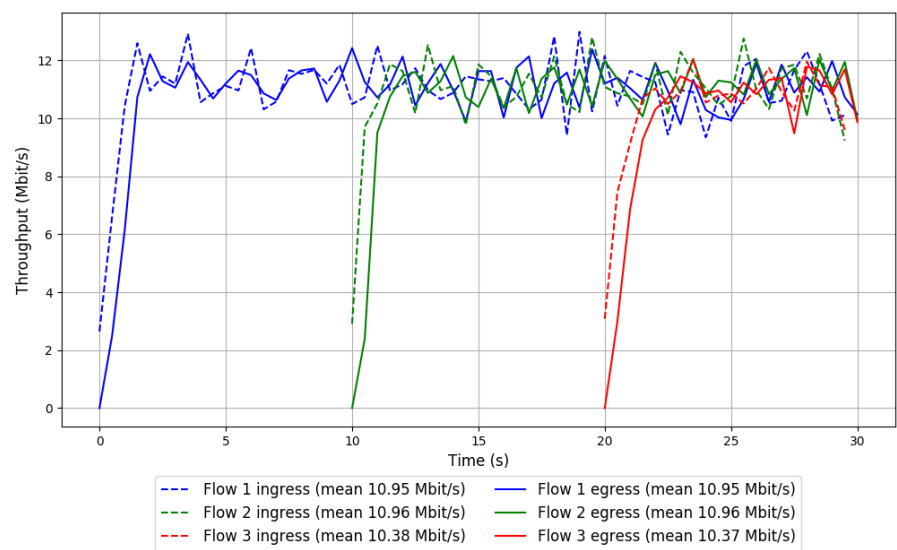


Run 10: Statistics of Sprout

Start at: 2018-08-09 12:26:32
End at: 2018-08-09 12:27:02
Local clock offset: 0.357 ms
Remote clock offset: -0.601 ms

Below is generated by plot.py at 2018-08-09 12:50:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.67 Mbit/s
95th percentile per-packet one-way delay: 37.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 37.424 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 37.384 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.37 Mbit/s
95th percentile per-packet one-way delay: 38.230 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

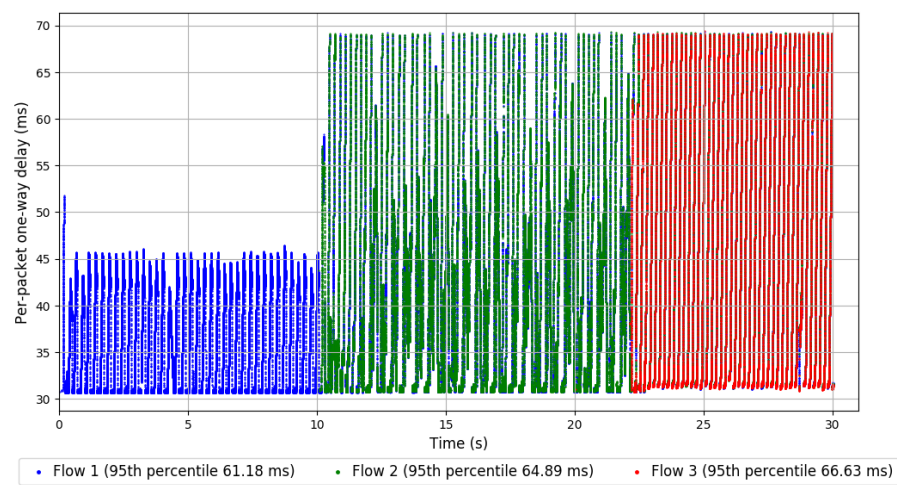
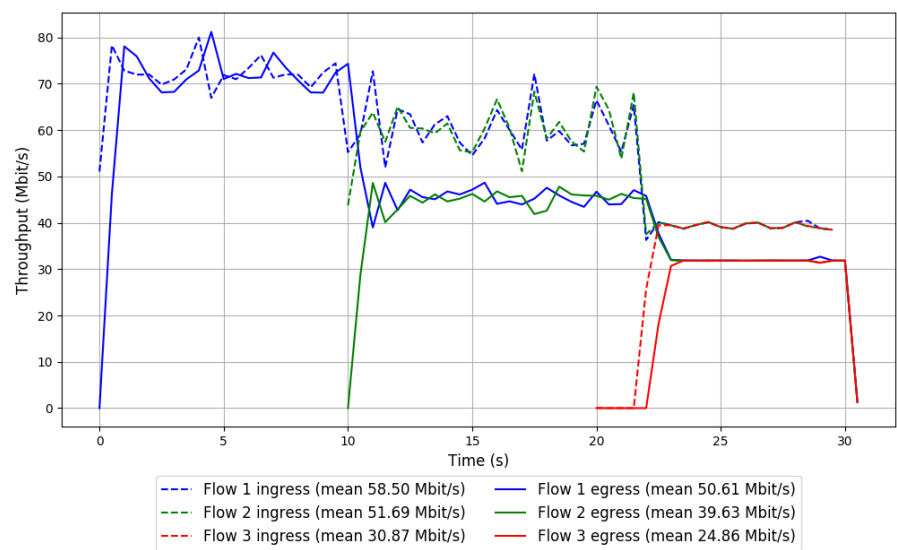


Run 1: Statistics of TaoVA-100x

Start at: 2018-08-09 08:57:20
End at: 2018-08-09 08:57:50
Local clock offset: -1.037 ms
Remote clock offset: -1.744 ms

Below is generated by plot.py at 2018-08-09 12:52:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 63.682 ms
Loss rate: 17.38%
-- Flow 1:
Average throughput: 50.61 Mbit/s
95th percentile per-packet one-way delay: 61.184 ms
Loss rate: 13.48%
-- Flow 2:
Average throughput: 39.63 Mbit/s
95th percentile per-packet one-way delay: 64.888 ms
Loss rate: 23.37%
-- Flow 3:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 66.628 ms
Loss rate: 19.48%

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

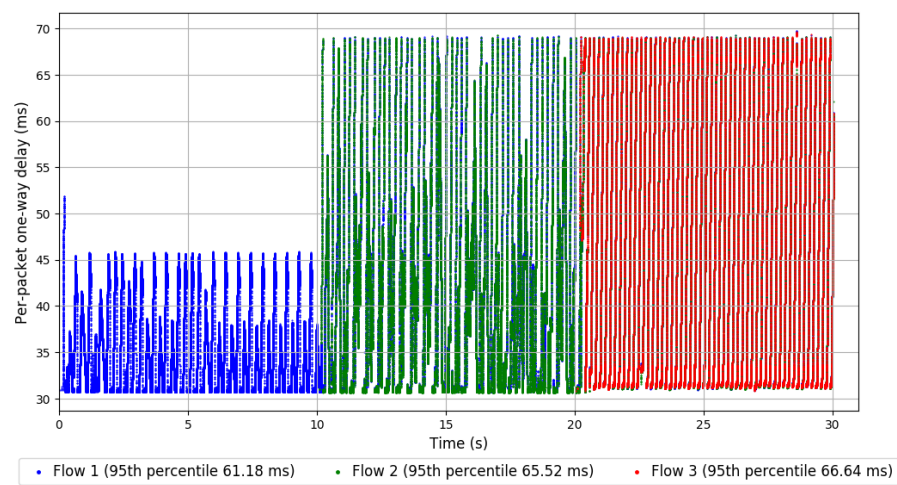
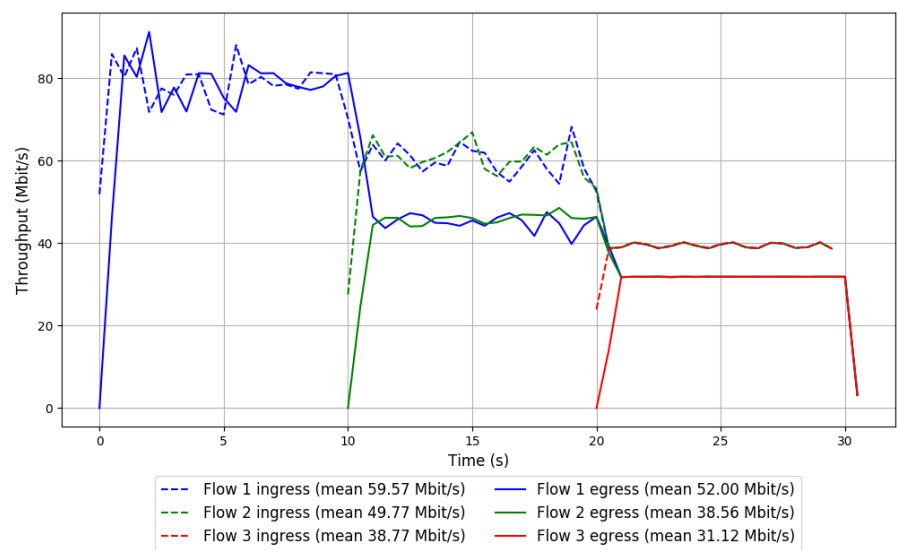


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-09 09:20:13
End at: 2018-08-09 09:20:43
Local clock offset: 0.961 ms
Remote clock offset: -1.532 ms

Below is generated by plot.py at 2018-08-09 12:52:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.06 Mbit/s
95th percentile per-packet one-way delay: 64.227 ms
Loss rate: 16.53%
-- Flow 1:
Average throughput: 52.00 Mbit/s
95th percentile per-packet one-way delay: 61.179 ms
Loss rate: 12.63%
-- Flow 2:
Average throughput: 38.56 Mbit/s
95th percentile per-packet one-way delay: 65.518 ms
Loss rate: 22.41%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 66.641 ms
Loss rate: 19.49%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-08-09 09:43:01

End at: 2018-08-09 09:43:31

Local clock offset: 1.163 ms

Remote clock offset: -0.43 ms

Below is generated by plot.py at 2018-08-09 12:52:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.32 Mbit/s

95th percentile per-packet one-way delay: 63.979 ms

Loss rate: 17.23%

-- Flow 1:

Average throughput: 51.25 Mbit/s

95th percentile per-packet one-way delay: 61.206 ms

Loss rate: 13.41%

-- Flow 2:

Average throughput: 38.47 Mbit/s

95th percentile per-packet one-way delay: 65.178 ms

Loss rate: 23.26%

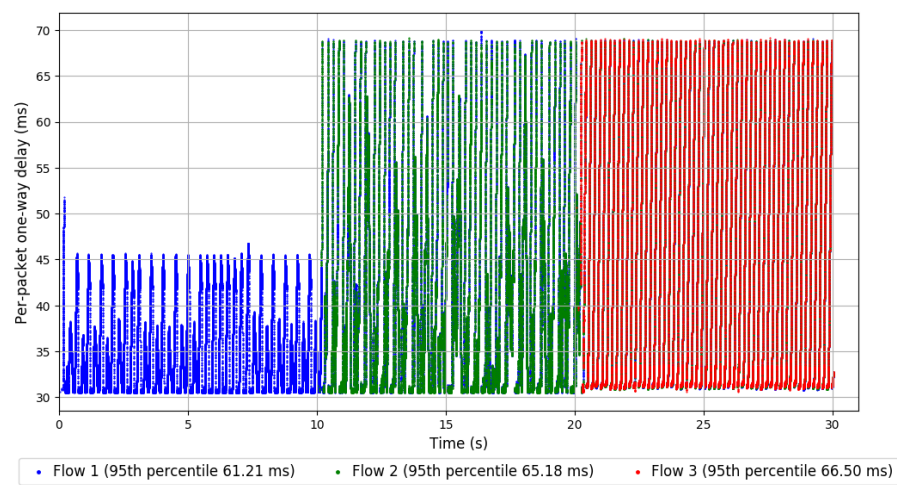
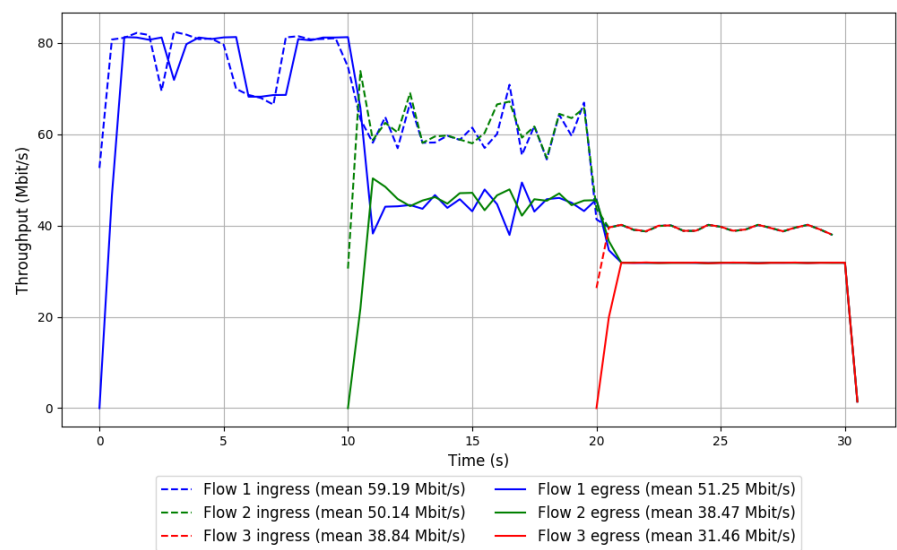
-- Flow 3:

Average throughput: 31.46 Mbit/s

95th percentile per-packet one-way delay: 66.496 ms

Loss rate: 19.15%

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

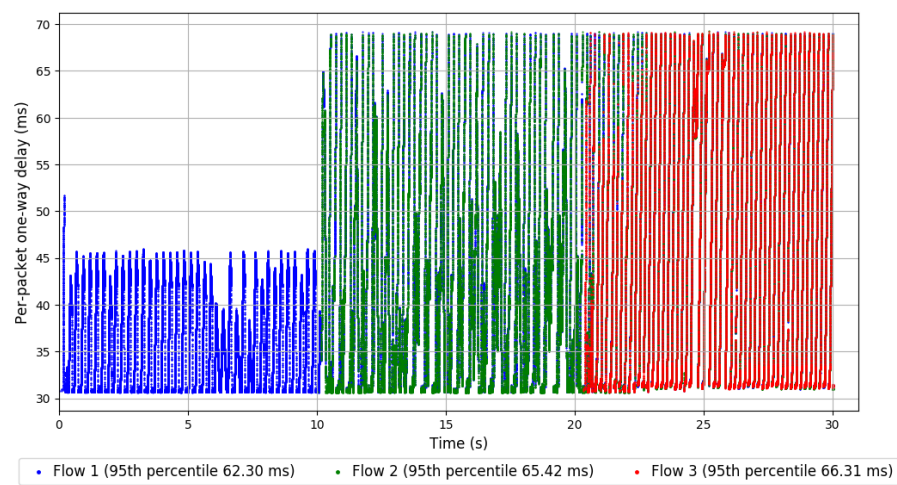
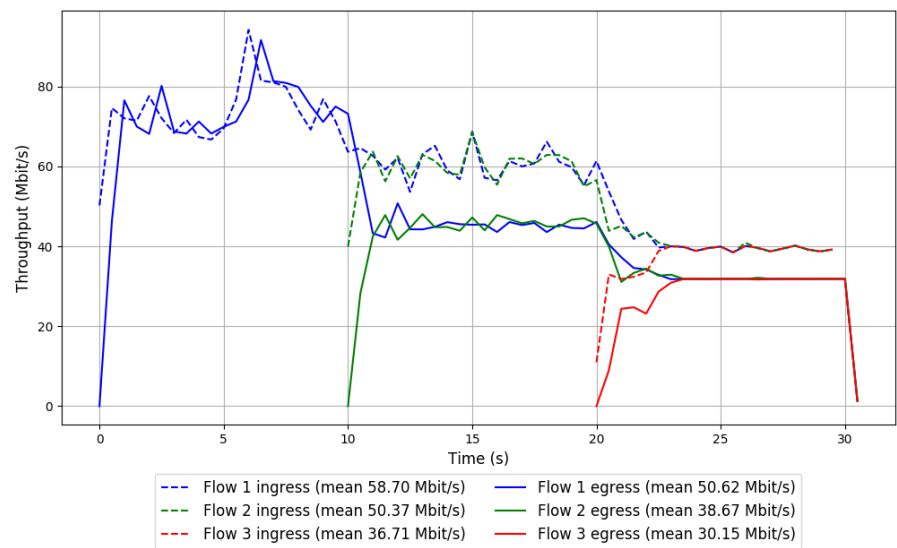


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-09 10:05:55
End at: 2018-08-09 10:06:25
Local clock offset: -2.709 ms
Remote clock offset: -0.365 ms

Below is generated by plot.py at 2018-08-09 12:52:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 64.431 ms
Loss rate: 17.50%
-- Flow 1:
Average throughput: 50.62 Mbit/s
95th percentile per-packet one-way delay: 62.295 ms
Loss rate: 13.76%
-- Flow 2:
Average throughput: 38.67 Mbit/s
95th percentile per-packet one-way delay: 65.421 ms
Loss rate: 23.24%
-- Flow 3:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 66.305 ms
Loss rate: 19.73%

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

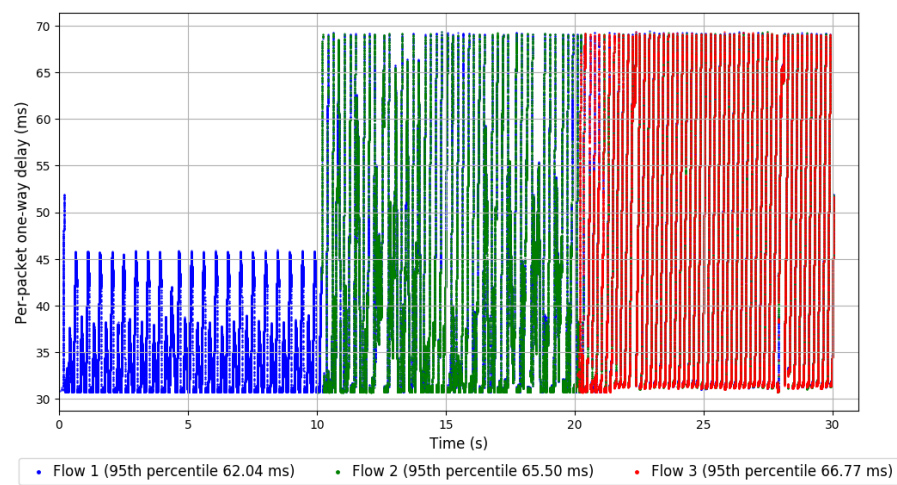
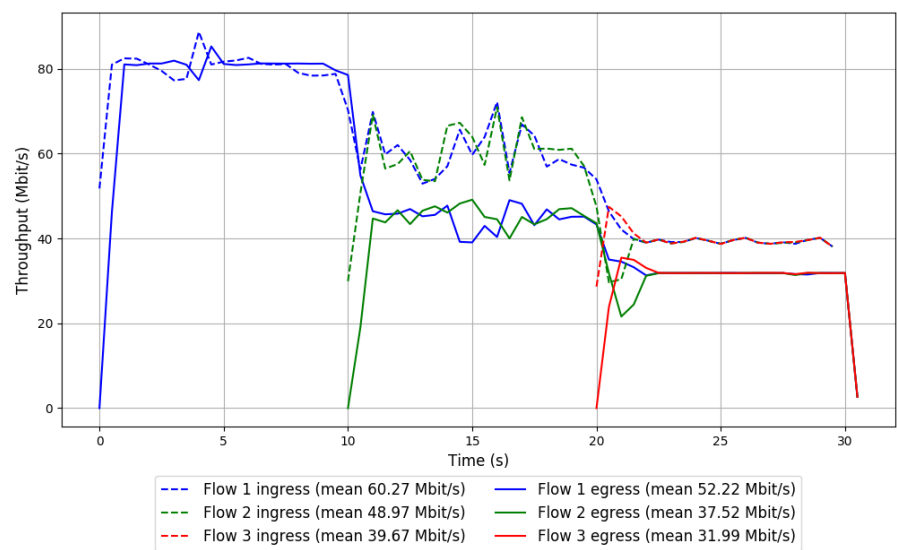


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-09 10:28:49
End at: 2018-08-09 10:29:19
Local clock offset: -0.381 ms
Remote clock offset: -1.096 ms

Below is generated by plot.py at 2018-08-09 12:52:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 64.582 ms
Loss rate: 17.10%
-- Flow 1:
Average throughput: 52.22 Mbit/s
95th percentile per-packet one-way delay: 62.040 ms
Loss rate: 13.30%
-- Flow 2:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 65.495 ms
Loss rate: 23.30%
-- Flow 3:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 66.769 ms
Loss rate: 19.19%

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

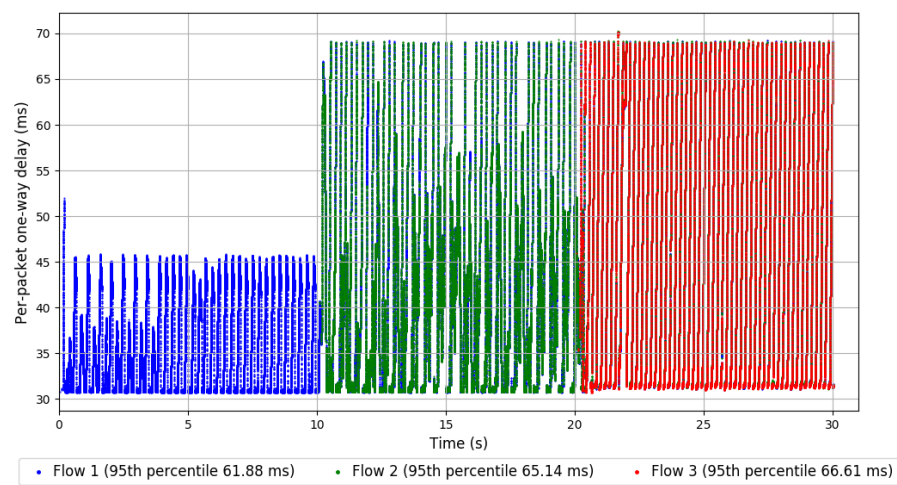
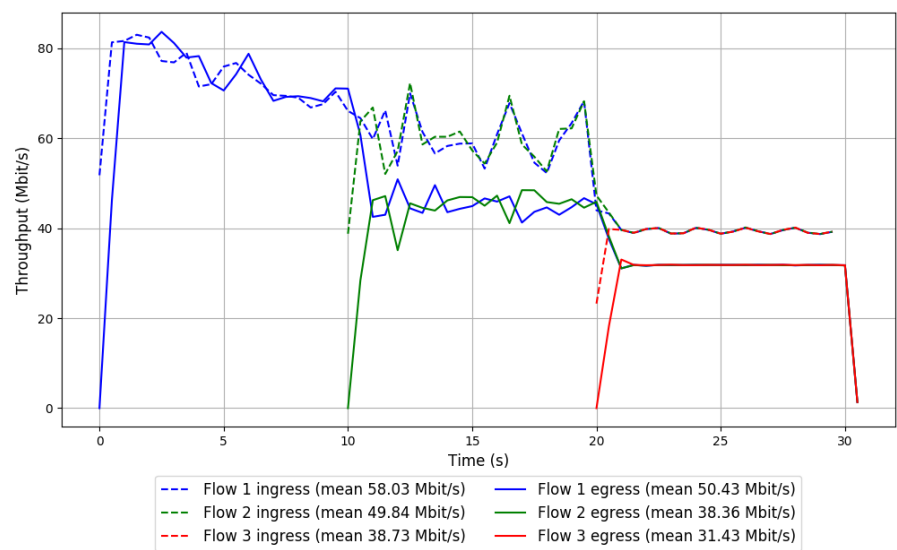


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-09 10:51:44
End at: 2018-08-09 10:52:14
Local clock offset: 0.6 ms
Remote clock offset: -0.441 ms

Below is generated by plot.py at 2018-08-09 12:52:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 64.164 ms
Loss rate: 16.99%
-- Flow 1:
Average throughput: 50.43 Mbit/s
95th percentile per-packet one-way delay: 61.883 ms
Loss rate: 13.09%
-- Flow 2:
Average throughput: 38.36 Mbit/s
95th percentile per-packet one-way delay: 65.143 ms
Loss rate: 23.04%
-- Flow 3:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 66.605 ms
Loss rate: 18.98%

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

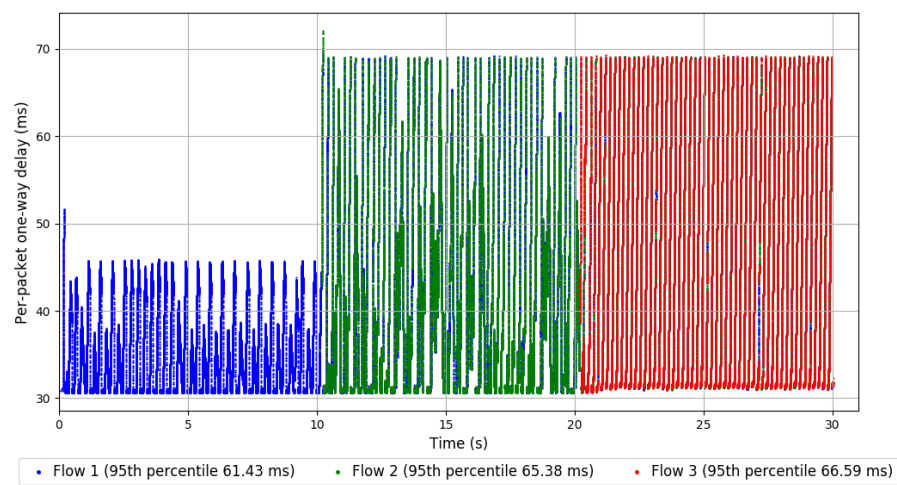
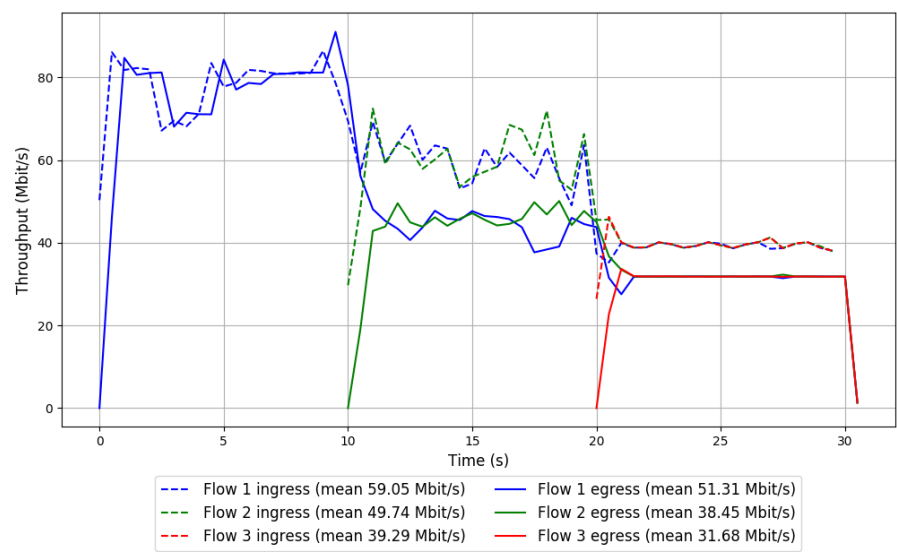


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-09 11:14:39
End at: 2018-08-09 11:15:09
Local clock offset: 0.687 ms
Remote clock offset: -0.442 ms

Below is generated by plot.py at 2018-08-09 12:52:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 64.112 ms
Loss rate: 16.91%
-- Flow 1:
Average throughput: 51.31 Mbit/s
95th percentile per-packet one-way delay: 61.433 ms
Loss rate: 13.10%
-- Flow 2:
Average throughput: 38.45 Mbit/s
95th percentile per-packet one-way delay: 65.375 ms
Loss rate: 22.69%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 66.589 ms
Loss rate: 19.46%

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

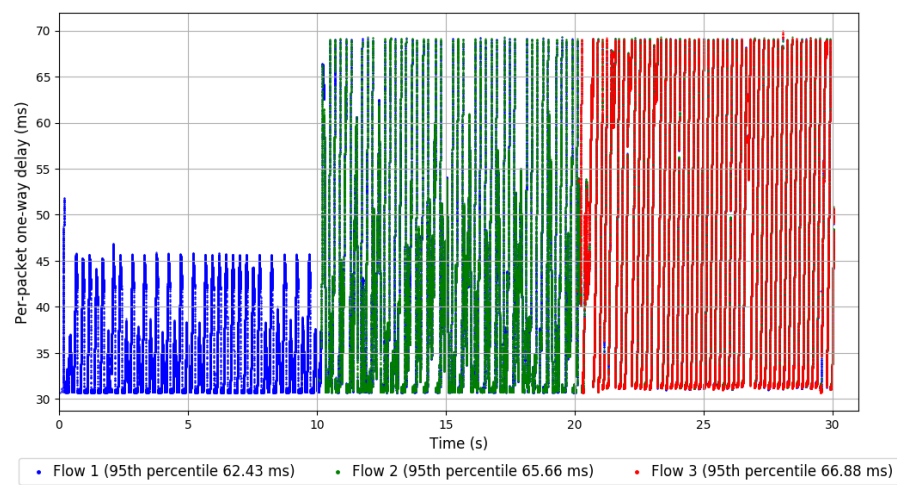
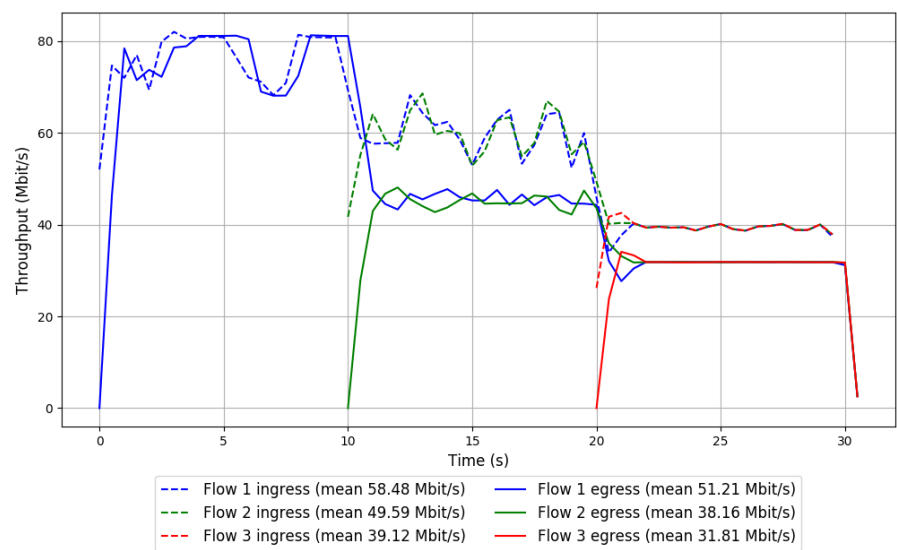


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-09 11:37:34
End at: 2018-08-09 11:38:04
Local clock offset: 0.334 ms
Remote clock offset: -0.613 ms

Below is generated by plot.py at 2018-08-09 12:52:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 64.493 ms
Loss rate: 16.50%
-- Flow 1:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 62.426 ms
Loss rate: 12.37%
-- Flow 2:
Average throughput: 38.16 Mbit/s
95th percentile per-packet one-way delay: 65.662 ms
Loss rate: 22.98%
-- Flow 3:
Average throughput: 31.81 Mbit/s
95th percentile per-packet one-way delay: 66.879 ms
Loss rate: 18.61%

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

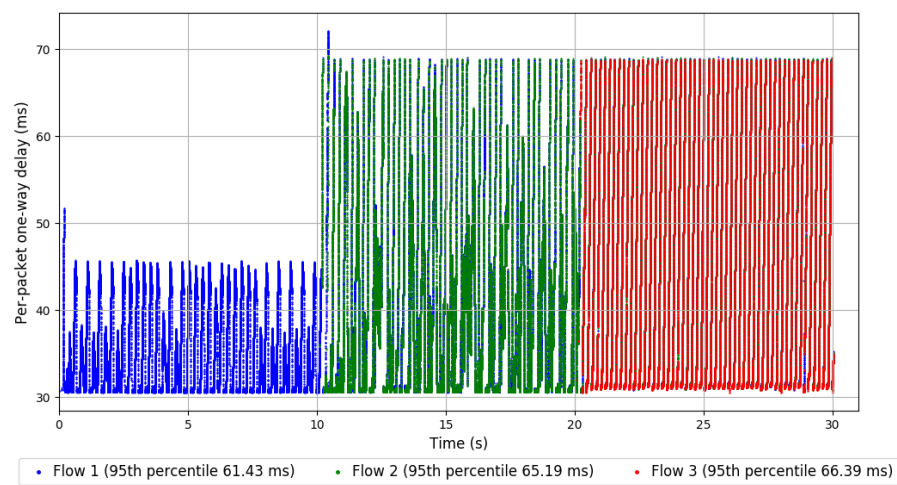
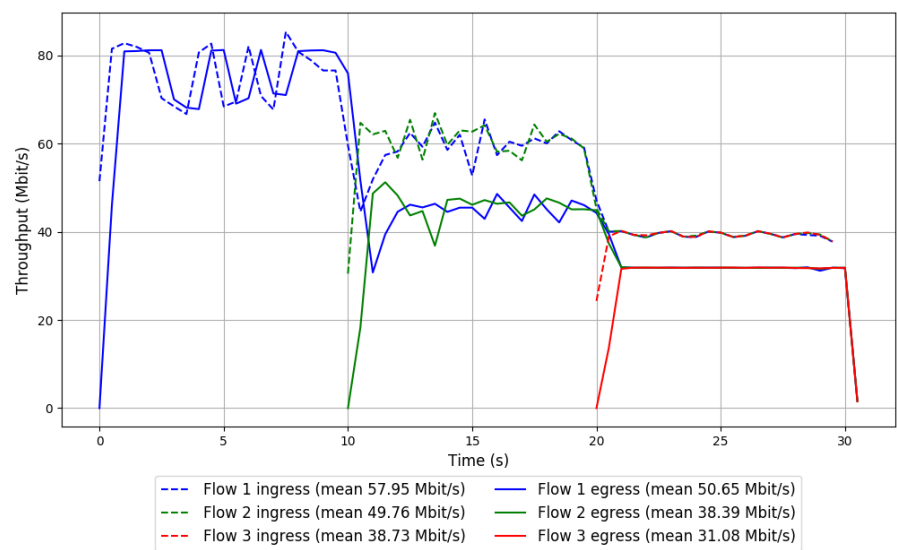


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-09 12:00:46
End at: 2018-08-09 12:01:16
Local clock offset: 0.285 ms
Remote clock offset: -0.692 ms

Below is generated by plot.py at 2018-08-09 12:54:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.56 Mbit/s
95th percentile per-packet one-way delay: 64.049 ms
Loss rate: 16.75%
-- Flow 1:
Average throughput: 50.65 Mbit/s
95th percentile per-packet one-way delay: 61.433 ms
Loss rate: 12.59%
-- Flow 2:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 65.191 ms
Loss rate: 22.85%
-- Flow 3:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 66.390 ms
Loss rate: 19.73%

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

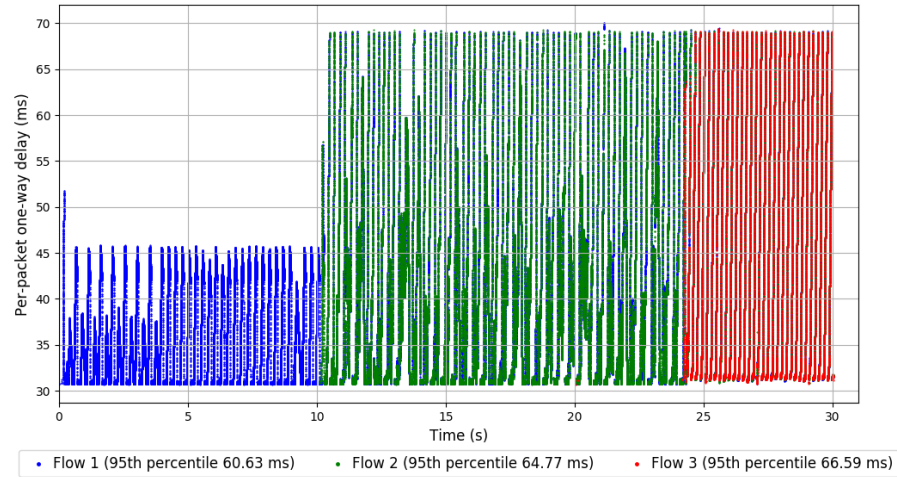
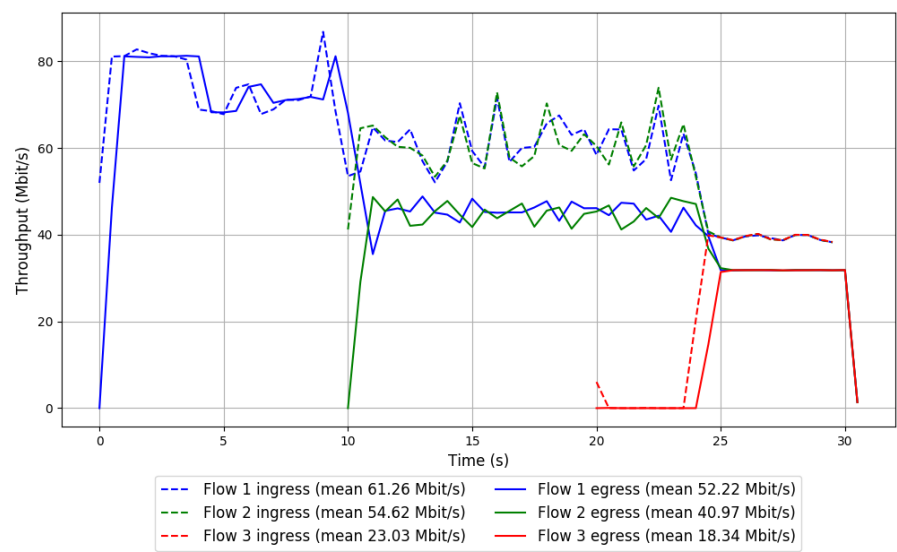


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-09 12:23:47
End at: 2018-08-09 12:24:17
Local clock offset: 0.253 ms
Remote clock offset: -0.606 ms

Below is generated by plot.py at 2018-08-09 12:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.59 Mbit/s
95th percentile per-packet one-way delay: 63.278 ms
Loss rate: 18.72%
-- Flow 1:
Average throughput: 52.22 Mbit/s
95th percentile per-packet one-way delay: 60.630 ms
Loss rate: 14.76%
-- Flow 2:
Average throughput: 40.97 Mbit/s
95th percentile per-packet one-way delay: 64.774 ms
Loss rate: 25.03%
-- Flow 3:
Average throughput: 18.34 Mbit/s
95th percentile per-packet one-way delay: 66.595 ms
Loss rate: 20.37%

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

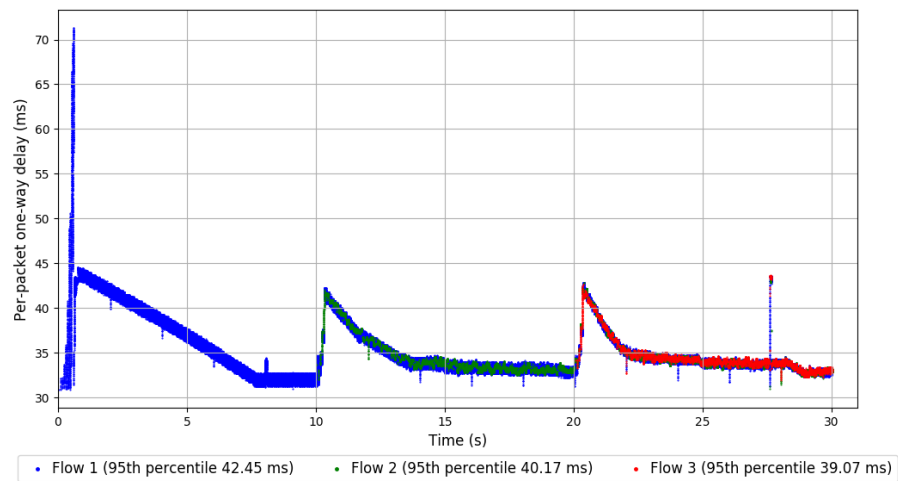
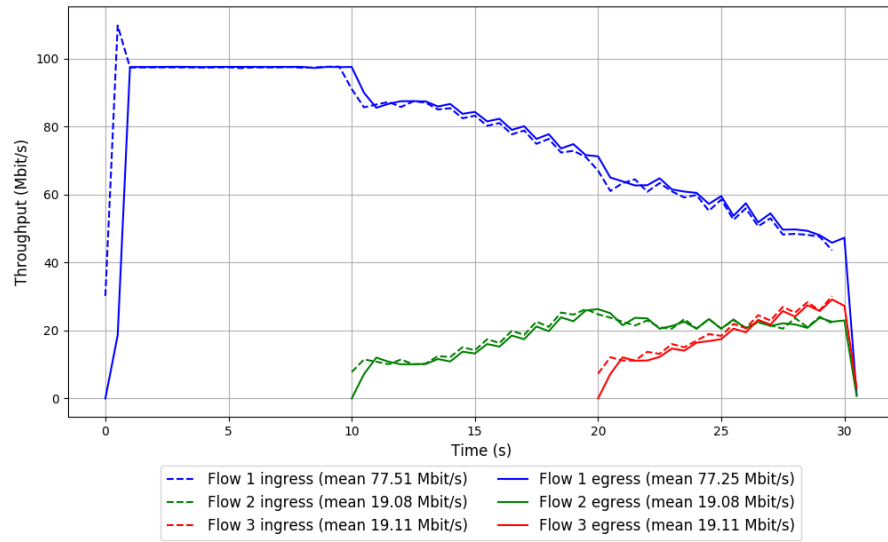


Run 1: Statistics of TCP Vegas

Start at: 2018-08-09 08:56:00
End at: 2018-08-09 08:56:30
Local clock offset: -1.405 ms
Remote clock offset: -1.657 ms

Below is generated by plot.py at 2018-08-09 12:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 42.166 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 42.446 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 40.174 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.11 Mbit/s
95th percentile per-packet one-way delay: 39.072 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

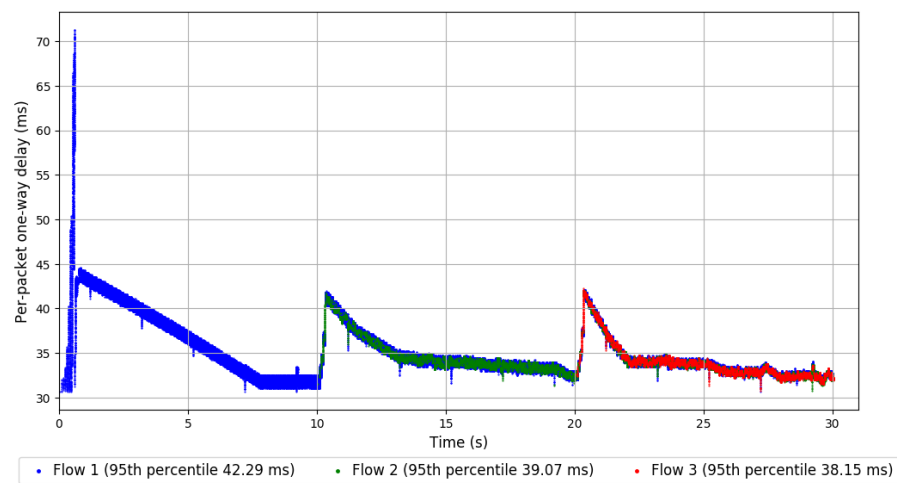
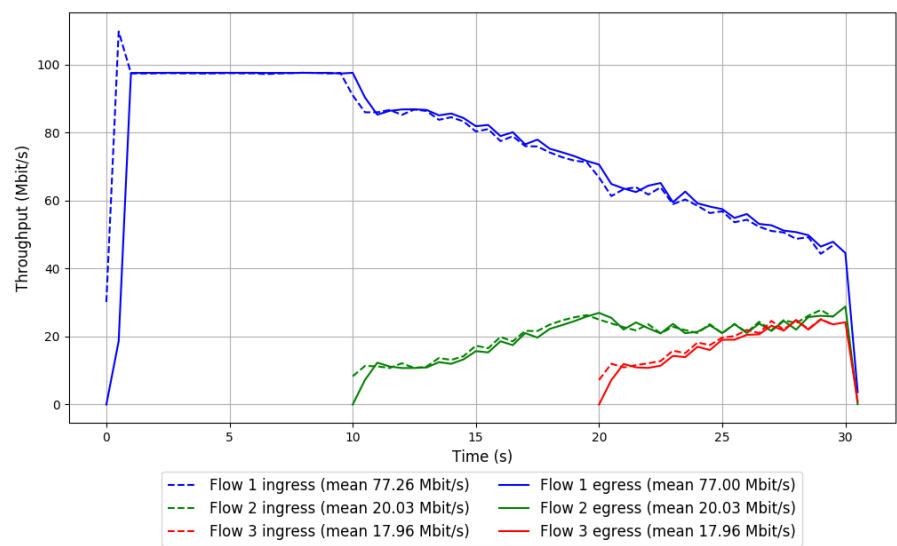


Run 2: Statistics of TCP Vegas

Start at: 2018-08-09 09:18:52
End at: 2018-08-09 09:19:22
Local clock offset: 1.036 ms
Remote clock offset: -1.554 ms

Below is generated by plot.py at 2018-08-09 12:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 41.816 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 77.00 Mbit/s
95th percentile per-packet one-way delay: 42.292 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 20.03 Mbit/s
95th percentile per-packet one-way delay: 39.074 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.96 Mbit/s
95th percentile per-packet one-way delay: 38.150 ms
Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link

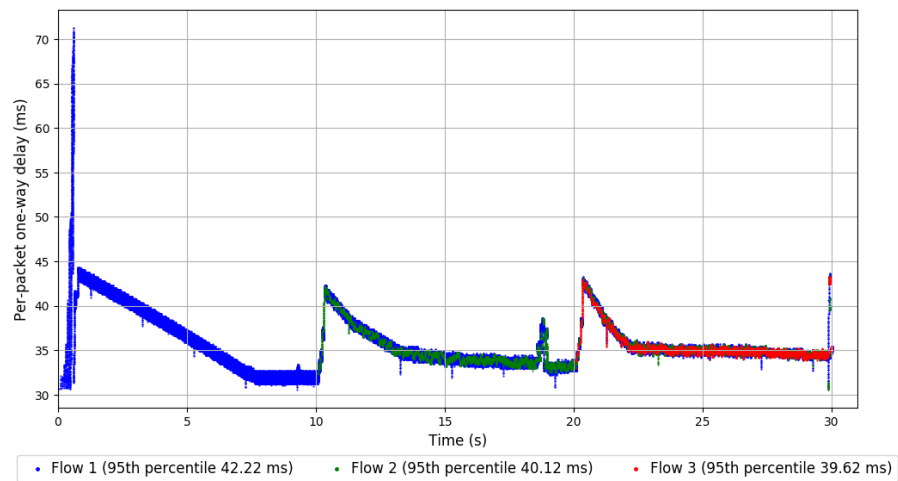
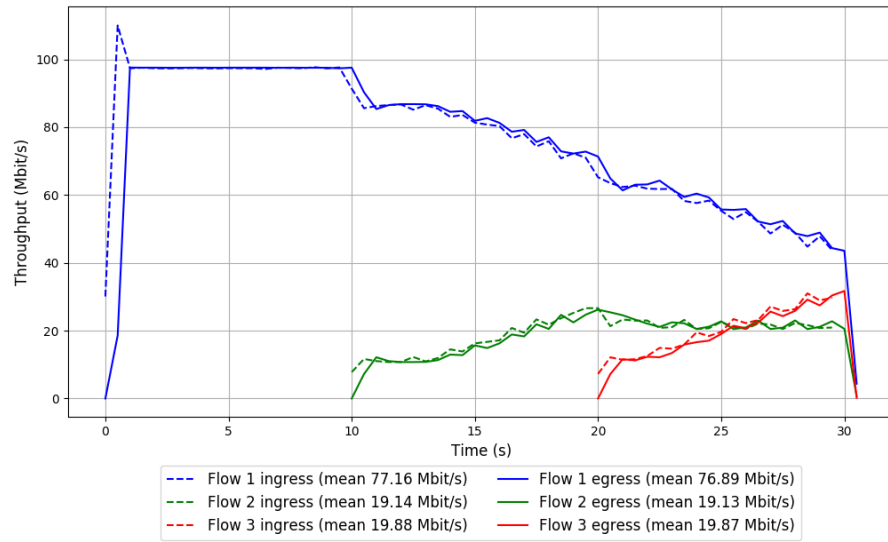


Run 3: Statistics of TCP Vegas

Start at: 2018-08-09 09:41:40
End at: 2018-08-09 09:42:10
Local clock offset: 1.213 ms
Remote clock offset: -0.283 ms

Below is generated by plot.py at 2018-08-09 12:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 41.890 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 76.89 Mbit/s
95th percentile per-packet one-way delay: 42.221 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 19.13 Mbit/s
95th percentile per-packet one-way delay: 40.119 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.87 Mbit/s
95th percentile per-packet one-way delay: 39.618 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

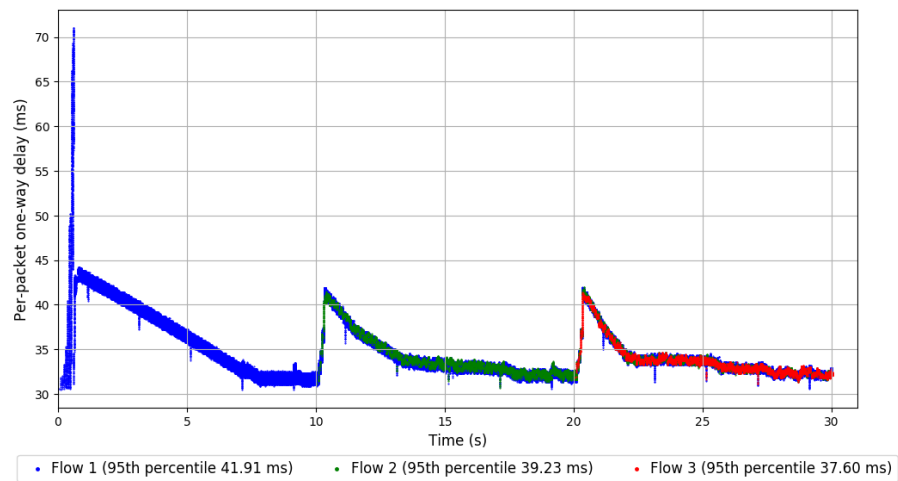
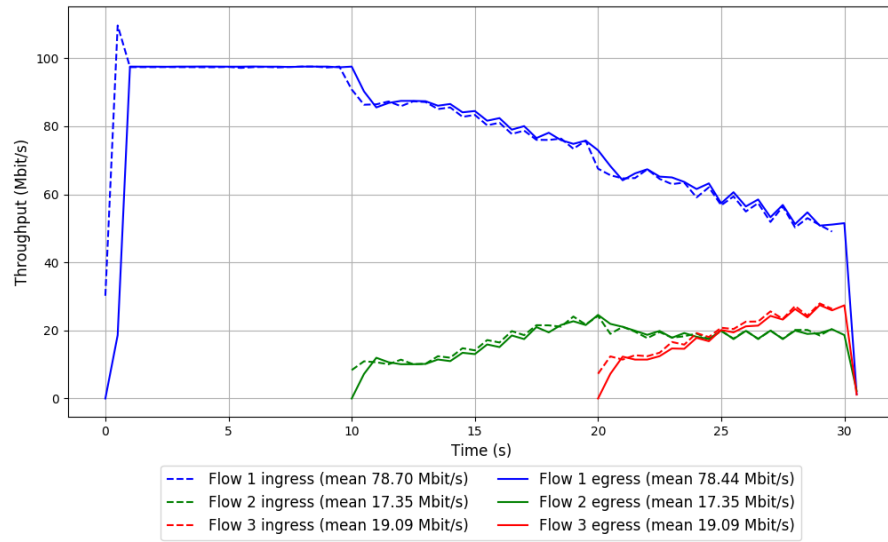


Run 4: Statistics of TCP Vegas

Start at: 2018-08-09 10:04:35
End at: 2018-08-09 10:05:05
Local clock offset: -2.516 ms
Remote clock offset: -0.299 ms

Below is generated by plot.py at 2018-08-09 12:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 41.621 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 78.44 Mbit/s
95th percentile per-packet one-way delay: 41.907 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 17.35 Mbit/s
95th percentile per-packet one-way delay: 39.225 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.09 Mbit/s
95th percentile per-packet one-way delay: 37.601 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

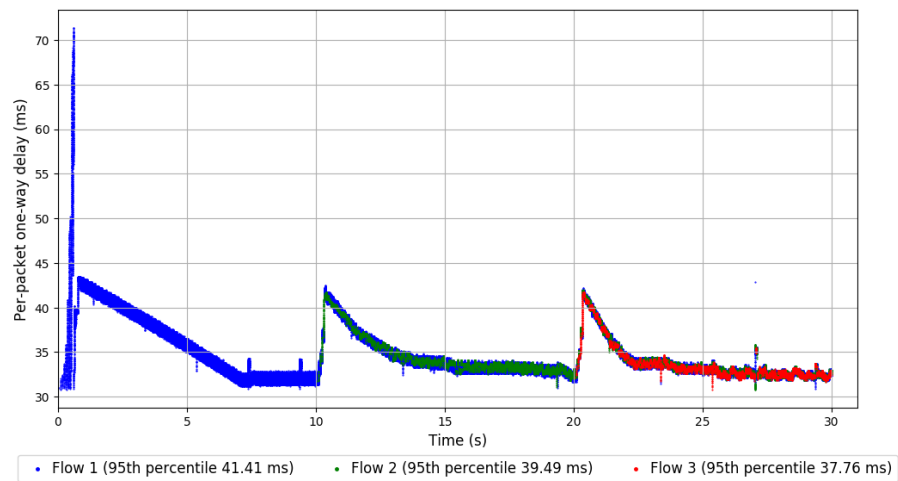
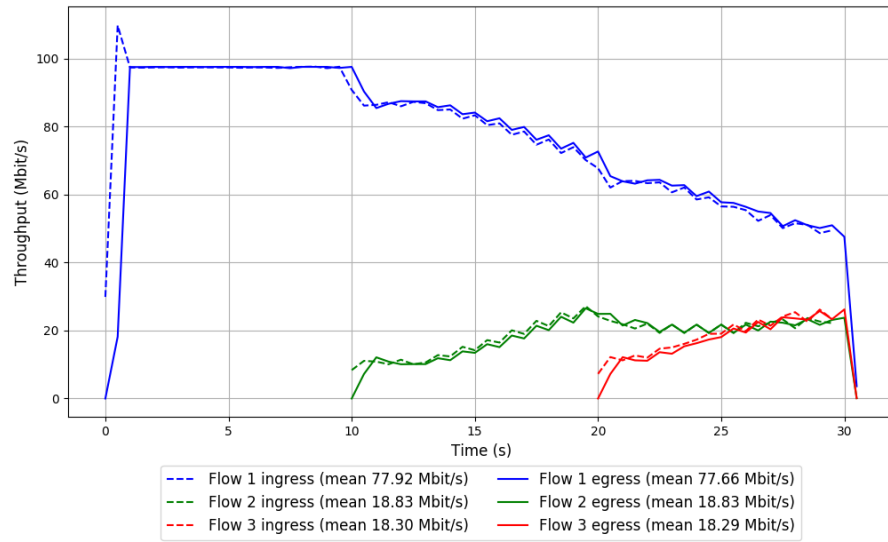


Run 5: Statistics of TCP Vegas

Start at: 2018-08-09 10:27:28
End at: 2018-08-09 10:27:58
Local clock offset: -0.535 ms
Remote clock offset: -1.074 ms

Below is generated by plot.py at 2018-08-09 12:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 41.173 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 77.66 Mbit/s
95th percentile per-packet one-way delay: 41.413 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 18.83 Mbit/s
95th percentile per-packet one-way delay: 39.487 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.29 Mbit/s
95th percentile per-packet one-way delay: 37.760 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

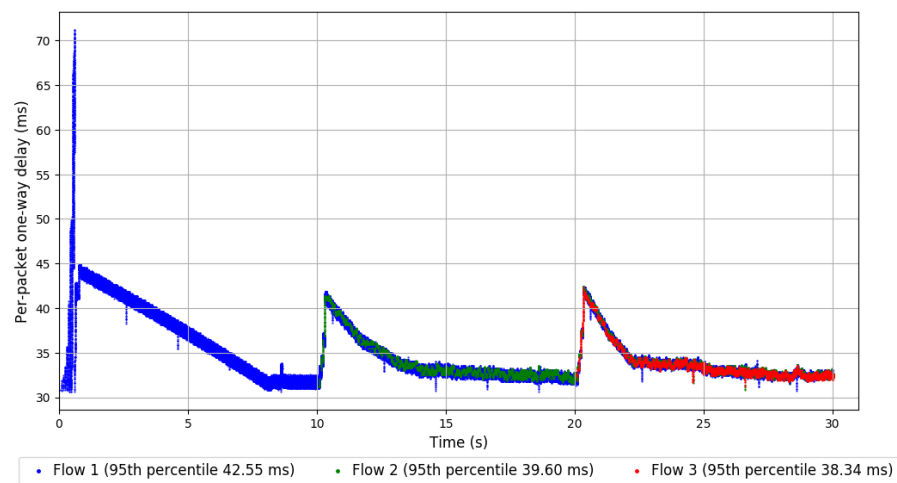
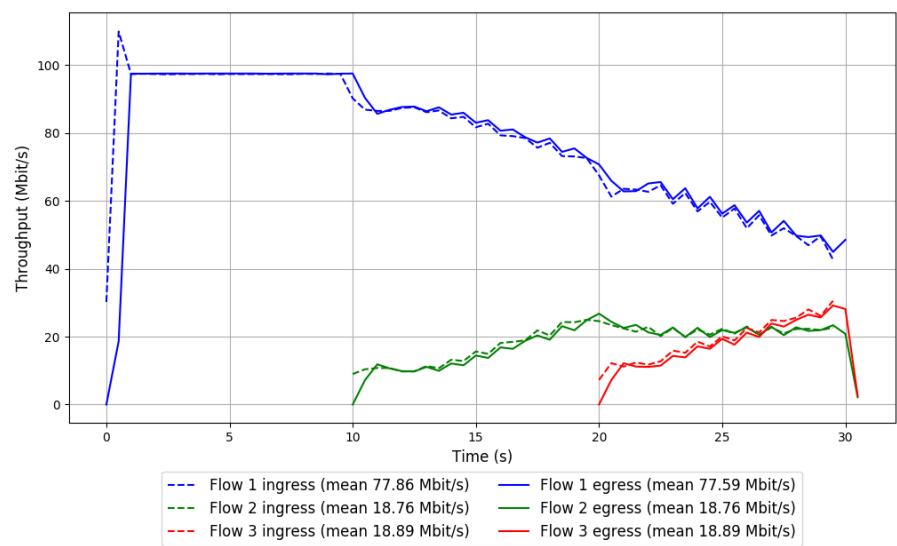


Run 6: Statistics of TCP Vegas

Start at: 2018-08-09 10:50:23
End at: 2018-08-09 10:50:53
Local clock offset: 0.622 ms
Remote clock offset: -0.448 ms

Below is generated by plot.py at 2018-08-09 12:54:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 42.081 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 77.59 Mbit/s
95th percentile per-packet one-way delay: 42.547 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 18.76 Mbit/s
95th percentile per-packet one-way delay: 39.603 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 38.343 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

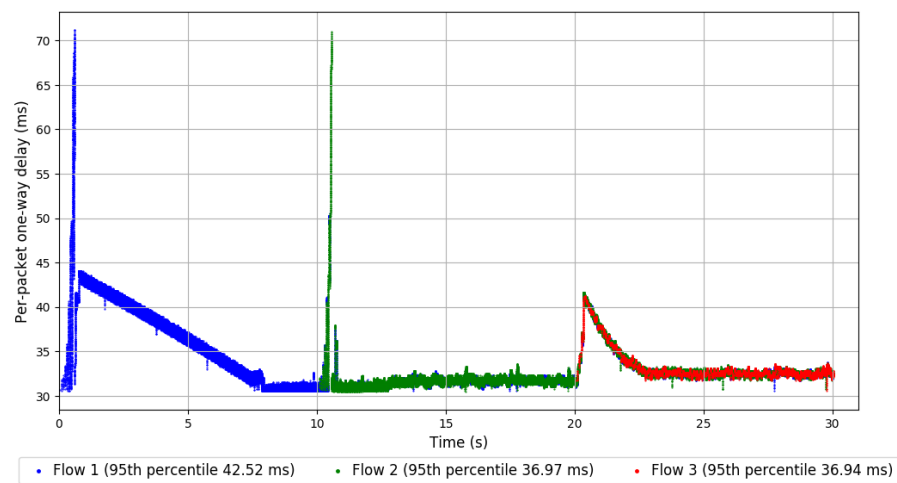
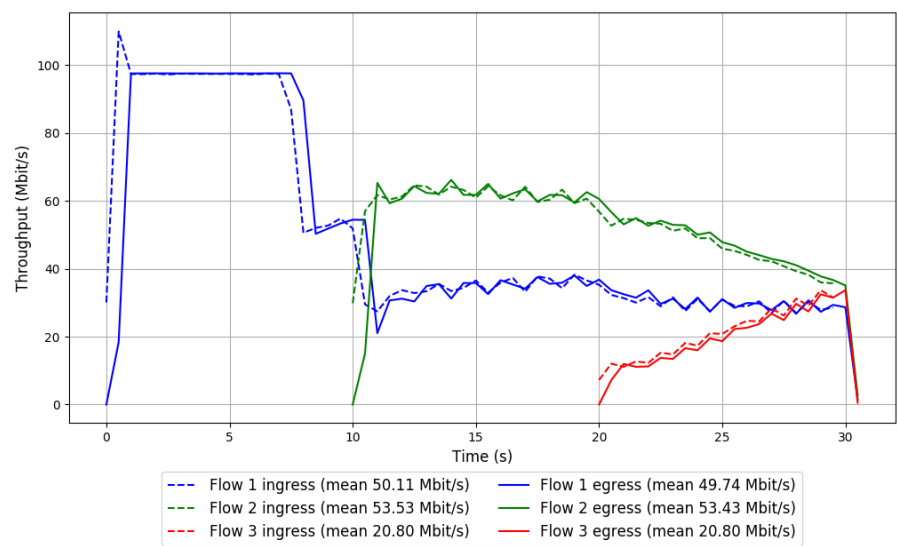


Run 7: Statistics of TCP Vegas

Start at: 2018-08-09 11:13:18
End at: 2018-08-09 11:13:48
Local clock offset: 0.671 ms
Remote clock offset: -0.602 ms

Below is generated by plot.py at 2018-08-09 12:54:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 41.562 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 49.74 Mbit/s
95th percentile per-packet one-way delay: 42.523 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 53.43 Mbit/s
95th percentile per-packet one-way delay: 36.969 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 20.80 Mbit/s
95th percentile per-packet one-way delay: 36.940 ms
Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link

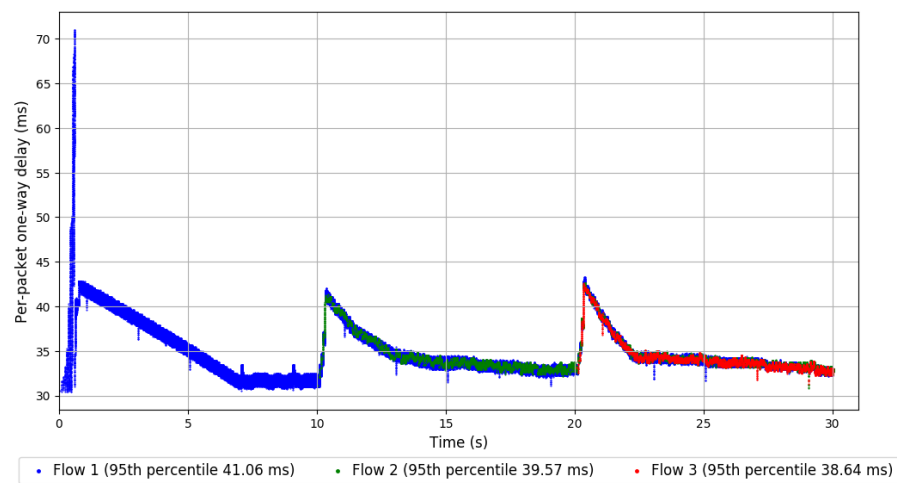
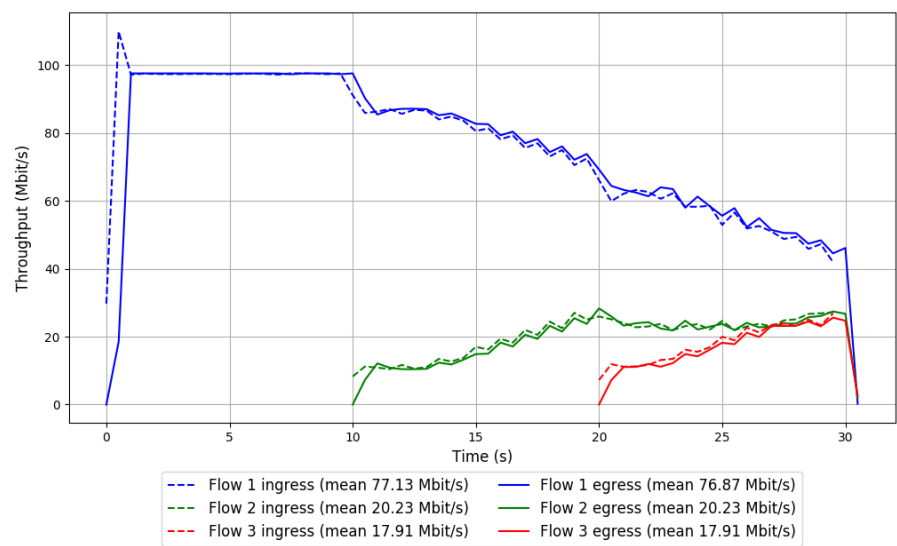


Run 8: Statistics of TCP Vegas

Start at: 2018-08-09 11:36:13
End at: 2018-08-09 11:36:43
Local clock offset: 0.418 ms
Remote clock offset: -0.852 ms

Below is generated by plot.py at 2018-08-09 12:55:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 40.834 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 76.87 Mbit/s
95th percentile per-packet one-way delay: 41.058 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 20.23 Mbit/s
95th percentile per-packet one-way delay: 39.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.91 Mbit/s
95th percentile per-packet one-way delay: 38.638 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

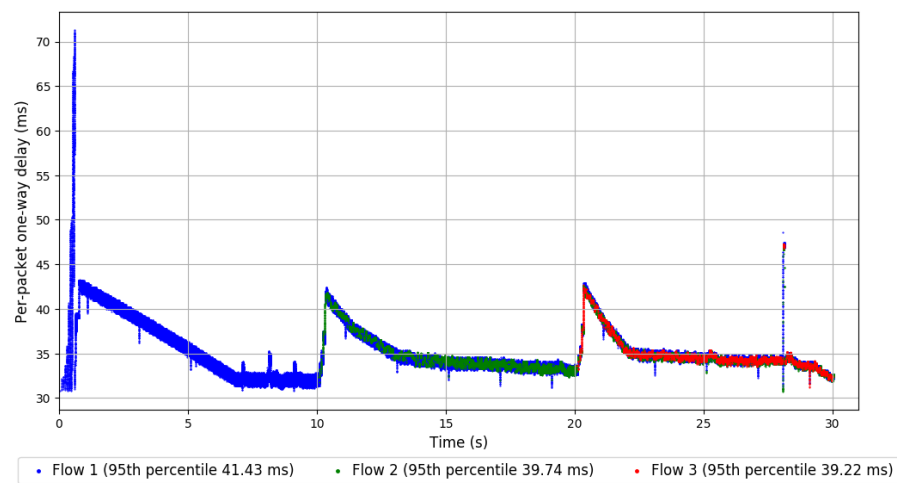
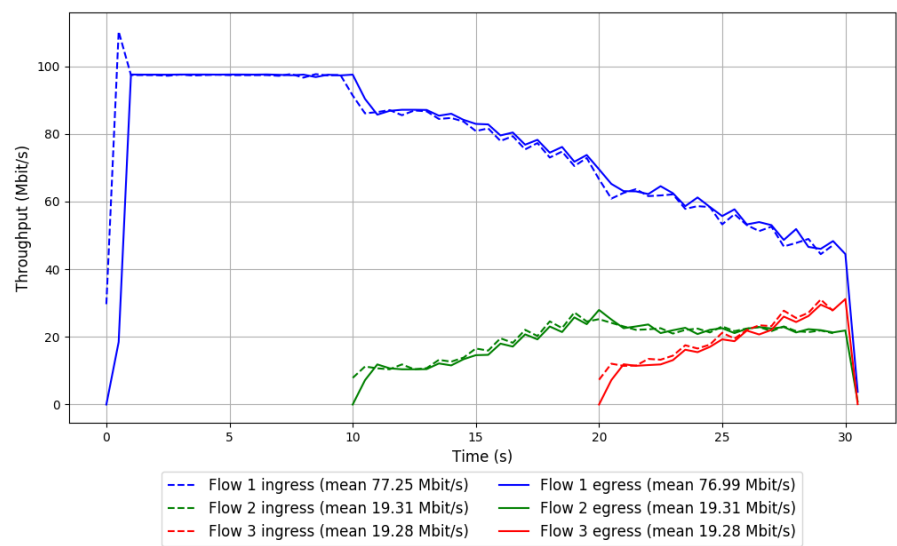


Run 9: Statistics of TCP Vegas

Start at: 2018-08-09 11:59:25
End at: 2018-08-09 11:59:55
Local clock offset: 0.206 ms
Remote clock offset: -0.513 ms

Below is generated by plot.py at 2018-08-09 12:55:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 41.206 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 76.99 Mbit/s
95th percentile per-packet one-way delay: 41.429 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 19.31 Mbit/s
95th percentile per-packet one-way delay: 39.739 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.28 Mbit/s
95th percentile per-packet one-way delay: 39.223 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

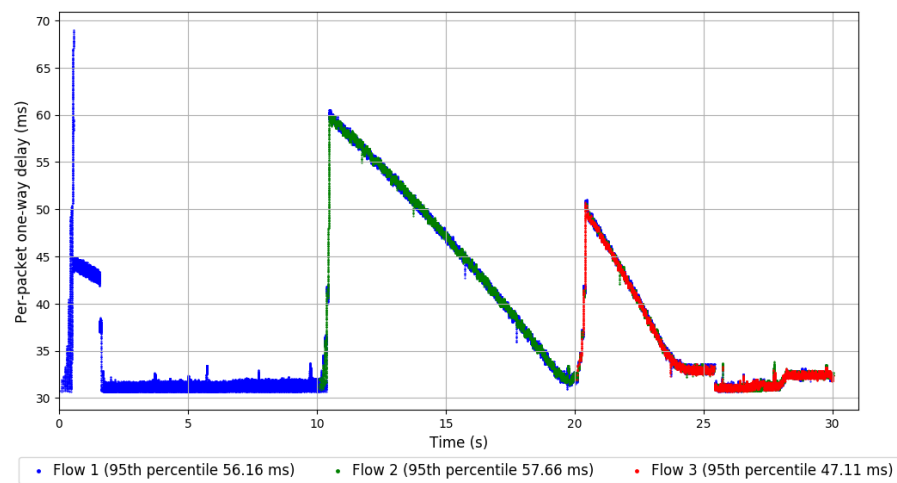
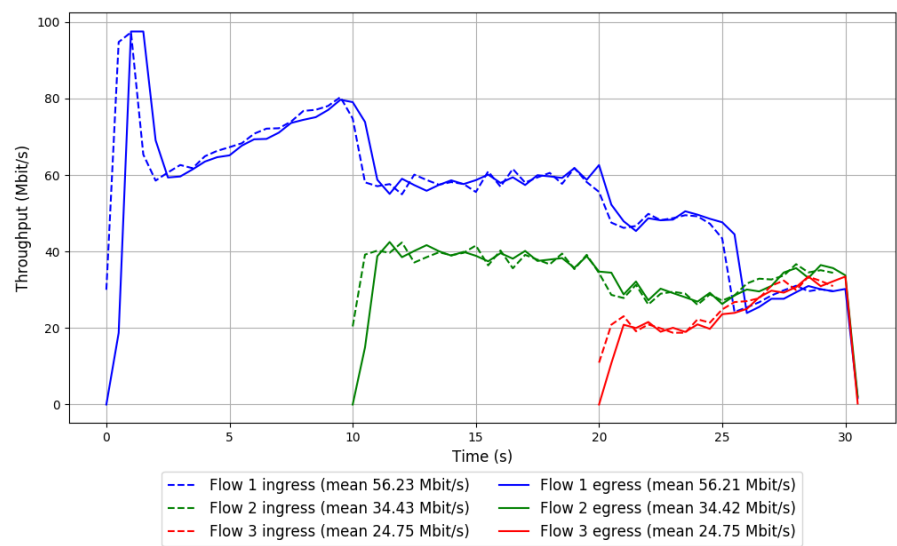


Run 10: Statistics of TCP Vegas

Start at: 2018-08-09 12:22:26
End at: 2018-08-09 12:22:56
Local clock offset: 0.25 ms
Remote clock offset: -0.587 ms

Below is generated by plot.py at 2018-08-09 12:55:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 56.598 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 56.21 Mbit/s
95th percentile per-packet one-way delay: 56.160 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 57.657 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 47.109 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

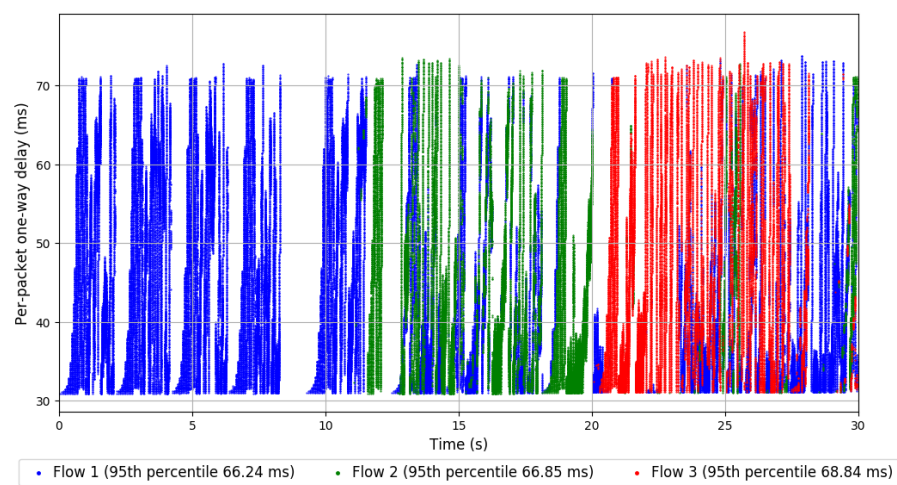
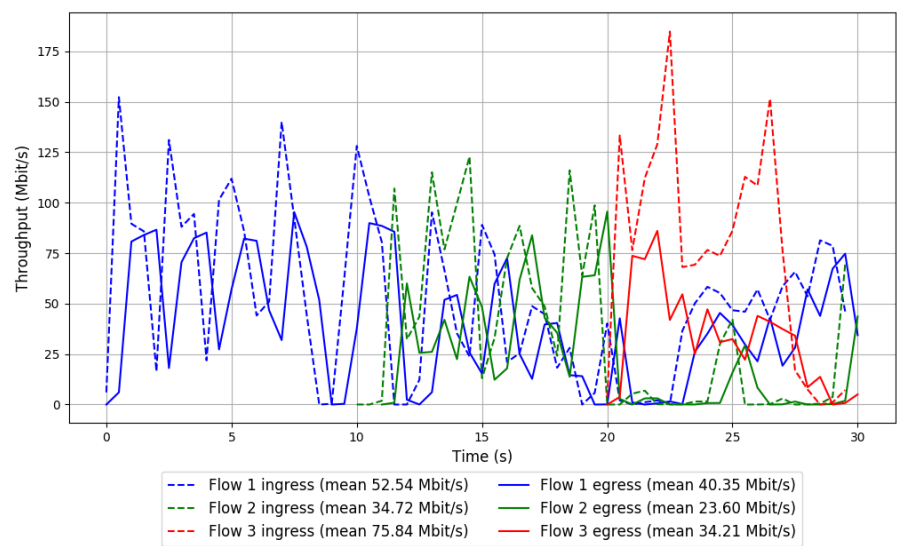


Run 1: Statistics of Verus

Start at: 2018-08-09 08:49:15
End at: 2018-08-09 08:49:45
Local clock offset: -3.902 ms
Remote clock offset: -1.627 ms

Below is generated by plot.py at 2018-08-09 12:55:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.52 Mbit/s
95th percentile per-packet one-way delay: 66.892 ms
Loss rate: 33.88%
-- Flow 1:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 66.236 ms
Loss rate: 23.20%
-- Flow 2:
Average throughput: 23.60 Mbit/s
95th percentile per-packet one-way delay: 66.846 ms
Loss rate: 35.44%
-- Flow 3:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 68.844 ms
Loss rate: 54.89%

Run 1: Report of Verus — Data Link

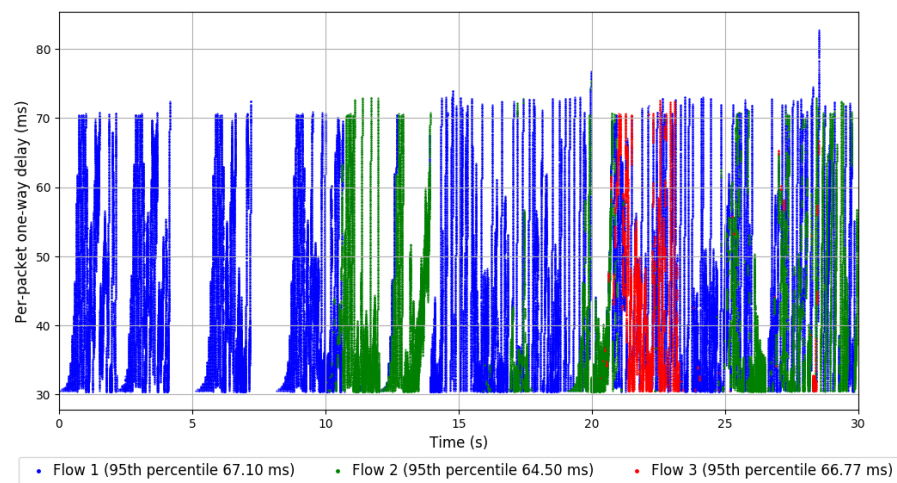
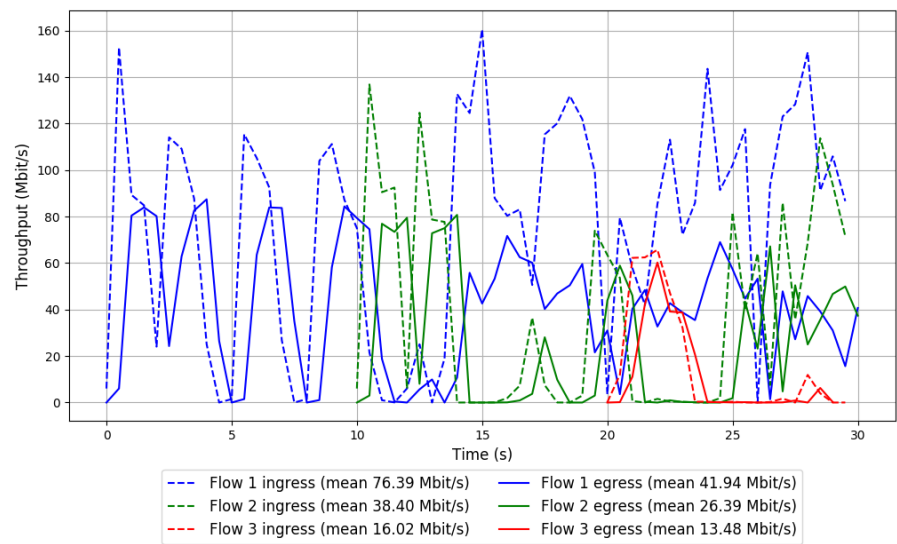


Run 2: Statistics of Verus

Start at: 2018-08-09 09:12:07
End at: 2018-08-09 09:12:37
Local clock offset: 1.023 ms
Remote clock offset: -1.828 ms

Below is generated by plot.py at 2018-08-09 12:55:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.18 Mbit/s
95th percentile per-packet one-way delay: 66.607 ms
Loss rate: 40.89%
-- Flow 1:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 67.098 ms
Loss rate: 45.06%
-- Flow 2:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 64.499 ms
Loss rate: 31.21%
-- Flow 3:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 66.772 ms
Loss rate: 26.77%

Run 2: Report of Verus — Data Link

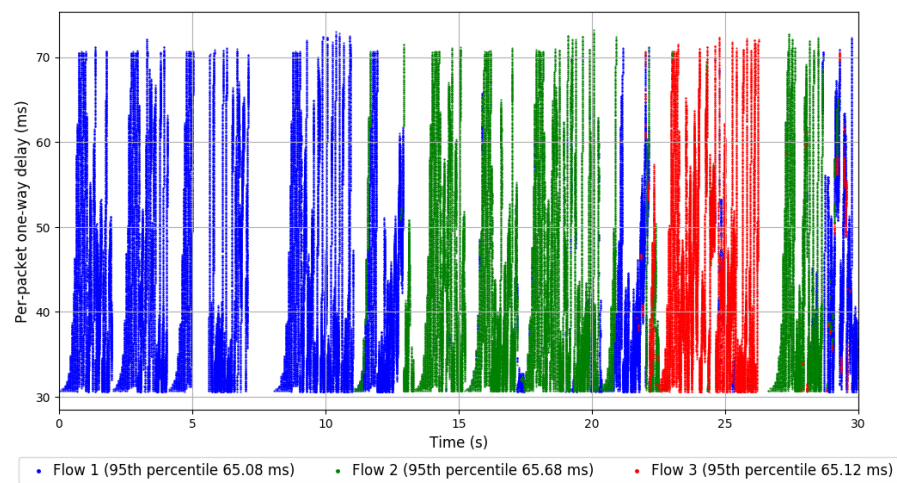
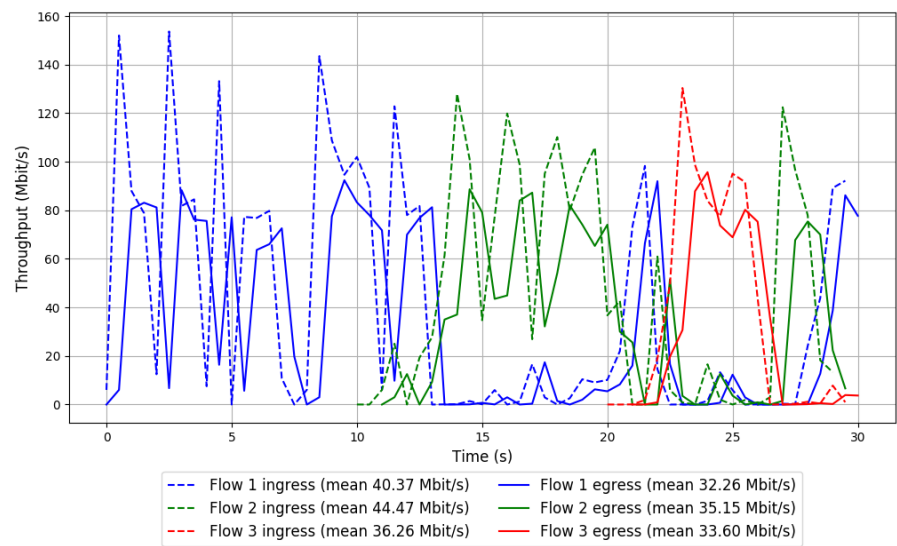


Run 3: Statistics of Verus

Start at: 2018-08-09 09:34:57
End at: 2018-08-09 09:35:27
Local clock offset: 1.021 ms
Remote clock offset: -0.526 ms

Below is generated by plot.py at 2018-08-09 12:55:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: 65.304 ms
Loss rate: 21.60%
-- Flow 1:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 65.075 ms
Loss rate: 20.07%
-- Flow 2:
Average throughput: 35.15 Mbit/s
95th percentile per-packet one-way delay: 65.682 ms
Loss rate: 25.32%
-- Flow 3:
Average throughput: 33.60 Mbit/s
95th percentile per-packet one-way delay: 65.123 ms
Loss rate: 17.79%

Run 3: Report of Verus — Data Link

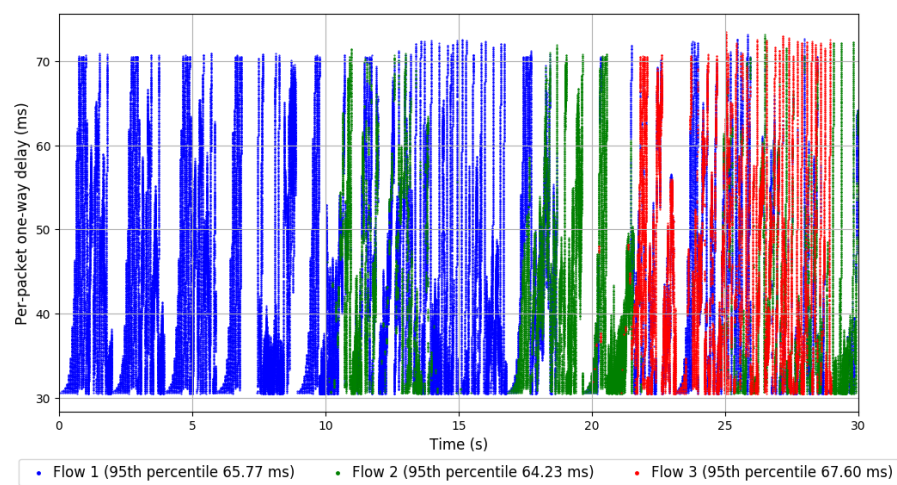
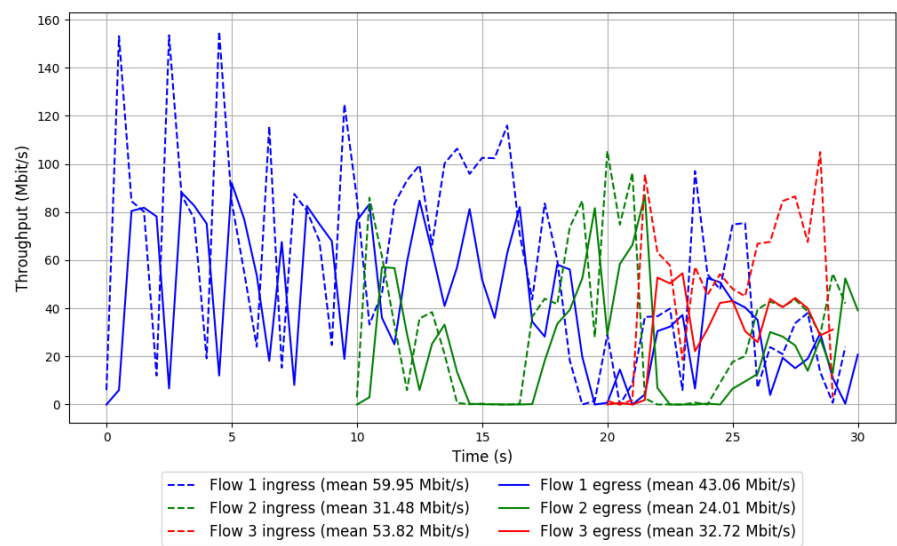


Run 4: Statistics of Verus

Start at: 2018-08-09 09:57:48
End at: 2018-08-09 09:58:18
Local clock offset: -1.848 ms
Remote clock offset: 0.25 ms

Below is generated by plot.py at 2018-08-09 12:55:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.78 Mbit/s
95th percentile per-packet one-way delay: 65.870 ms
Loss rate: 29.10%
-- Flow 1:
Average throughput: 43.06 Mbit/s
95th percentile per-packet one-way delay: 65.766 ms
Loss rate: 28.11%
-- Flow 2:
Average throughput: 24.01 Mbit/s
95th percentile per-packet one-way delay: 64.229 ms
Loss rate: 23.67%
-- Flow 3:
Average throughput: 32.72 Mbit/s
95th percentile per-packet one-way delay: 67.598 ms
Loss rate: 39.77%

Run 4: Report of Verus — Data Link

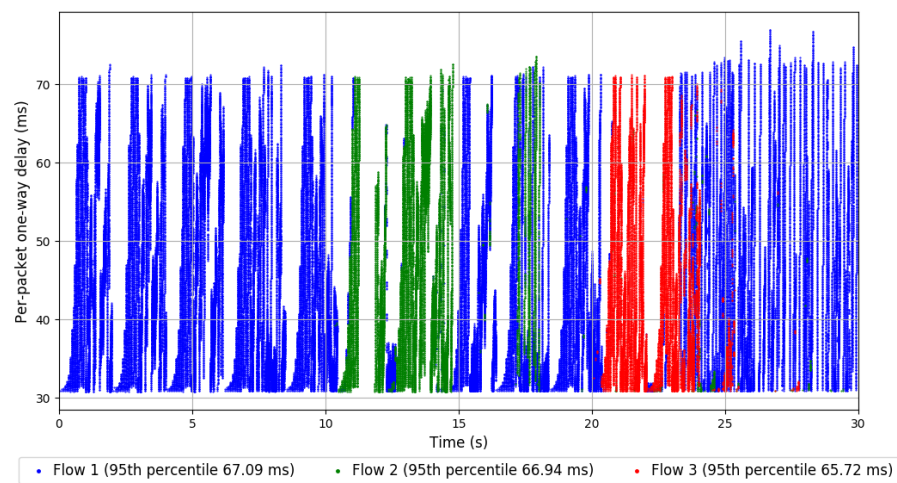
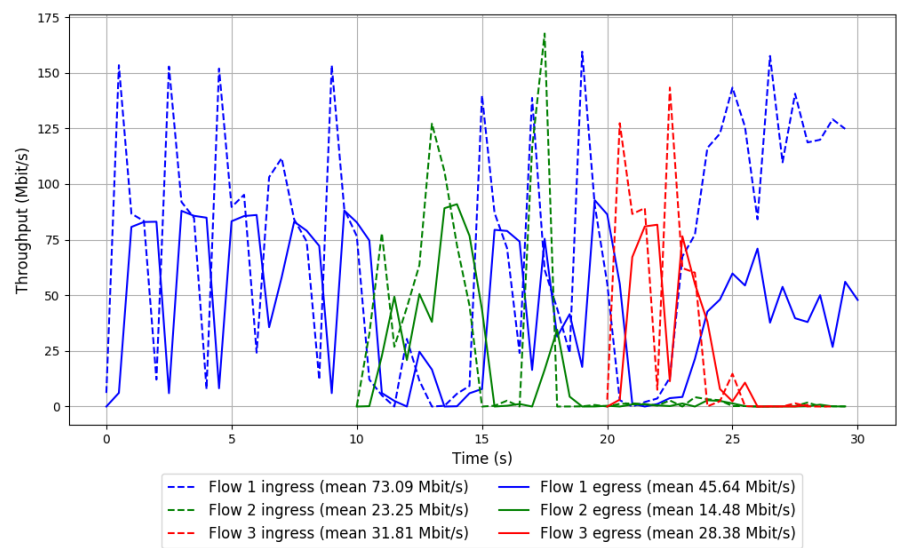


Run 5: Statistics of Verus

Start at: 2018-08-09 10:20:43
End at: 2018-08-09 10:21:13
Local clock offset: -1.713 ms
Remote clock offset: -1.077 ms

Below is generated by plot.py at 2018-08-09 12:55:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 66.920 ms
Loss rate: 36.71%
-- Flow 1:
Average throughput: 45.64 Mbit/s
95th percentile per-packet one-way delay: 67.087 ms
Loss rate: 37.54%
-- Flow 2:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 66.945 ms
Loss rate: 38.99%
-- Flow 3:
Average throughput: 28.38 Mbit/s
95th percentile per-packet one-way delay: 65.716 ms
Loss rate: 27.17%

Run 5: Report of Verus — Data Link

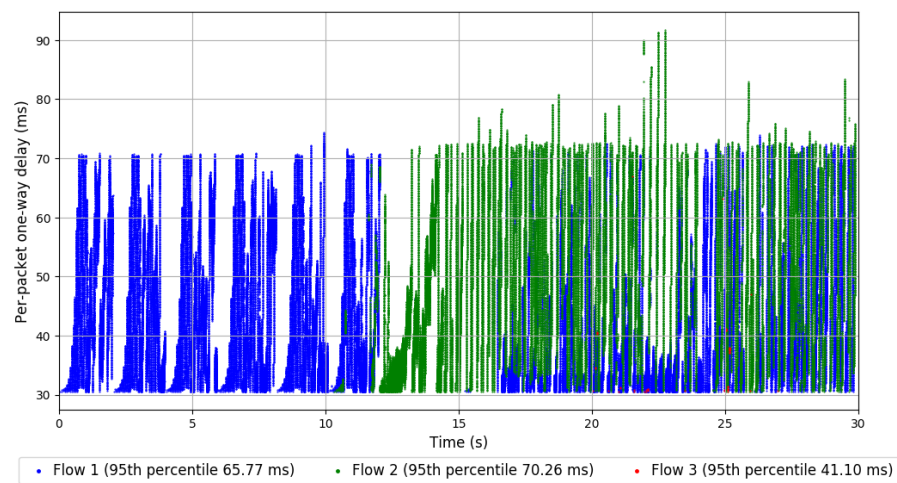
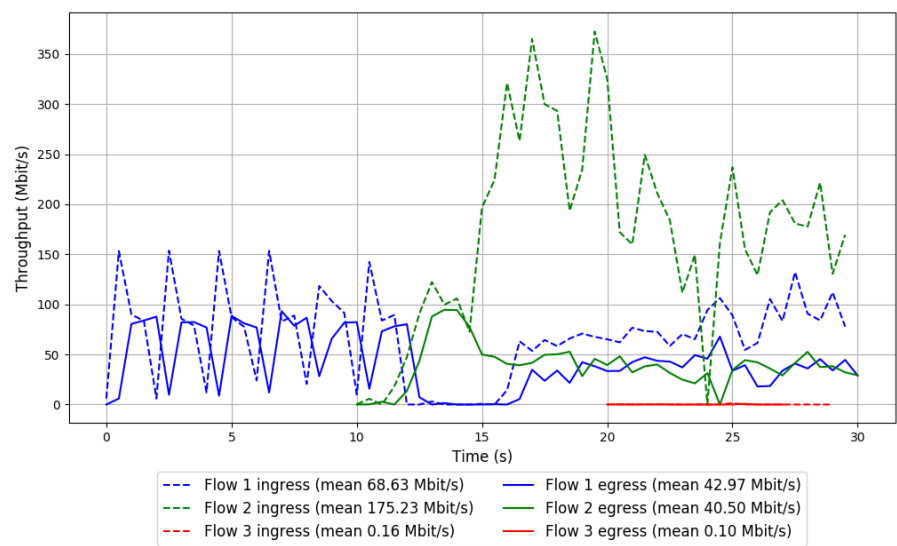


Run 6: Statistics of Verus

Start at: 2018-08-09 10:43:37
End at: 2018-08-09 10:44:07
Local clock offset: 0.642 ms
Remote clock offset: -0.714 ms

Below is generated by plot.py at 2018-08-09 12:56:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.51 Mbit/s
95th percentile per-packet one-way delay: 68.075 ms
Loss rate: 62.07%
-- Flow 1:
Average throughput: 42.97 Mbit/s
95th percentile per-packet one-way delay: 65.767 ms
Loss rate: 37.31%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 70.260 ms
Loss rate: 76.87%
-- Flow 3:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 41.101 ms
Loss rate: 54.84%

Run 6: Report of Verus — Data Link

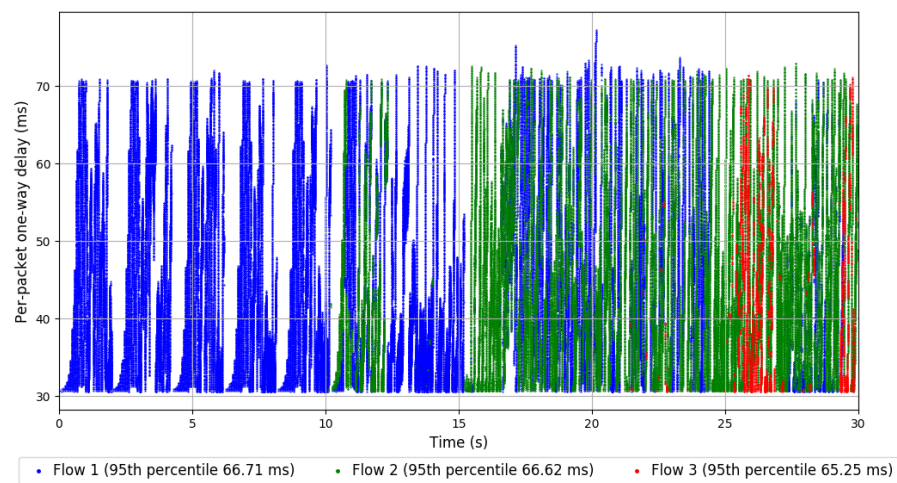
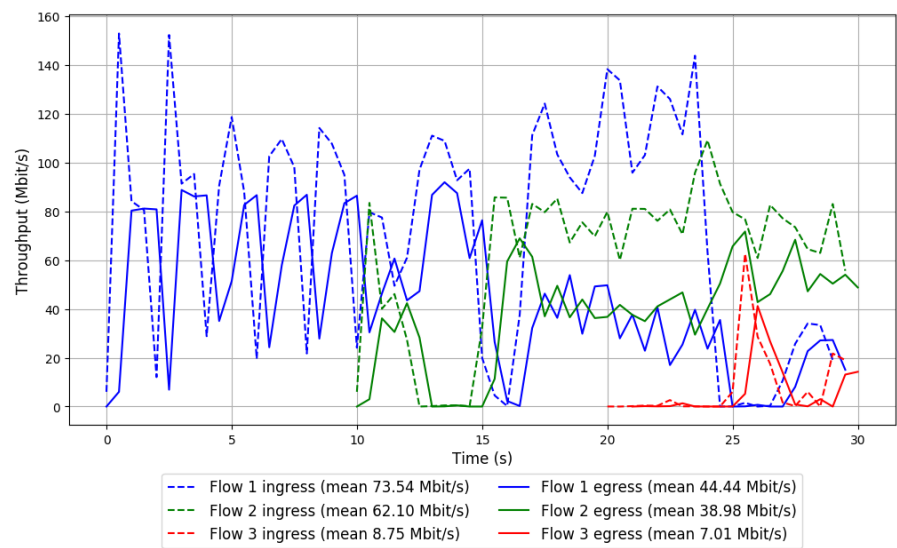


Run 7: Statistics of Verus

Start at: 2018-08-09 11:06:32
End at: 2018-08-09 11:07:02
Local clock offset: 0.669 ms
Remote clock offset: -0.443 ms

Below is generated by plot.py at 2018-08-09 12:56:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.59 Mbit/s
95th percentile per-packet one-way delay: 66.628 ms
Loss rate: 38.44%
-- Flow 1:
Average throughput: 44.44 Mbit/s
95th percentile per-packet one-way delay: 66.711 ms
Loss rate: 39.57%
-- Flow 2:
Average throughput: 38.98 Mbit/s
95th percentile per-packet one-way delay: 66.621 ms
Loss rate: 37.18%
-- Flow 3:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 65.252 ms
Loss rate: 28.10%

Run 7: Report of Verus — Data Link

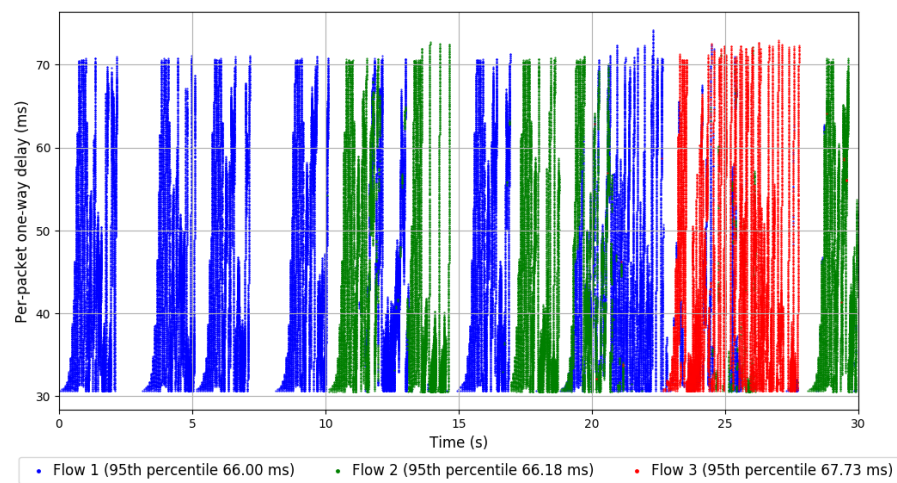
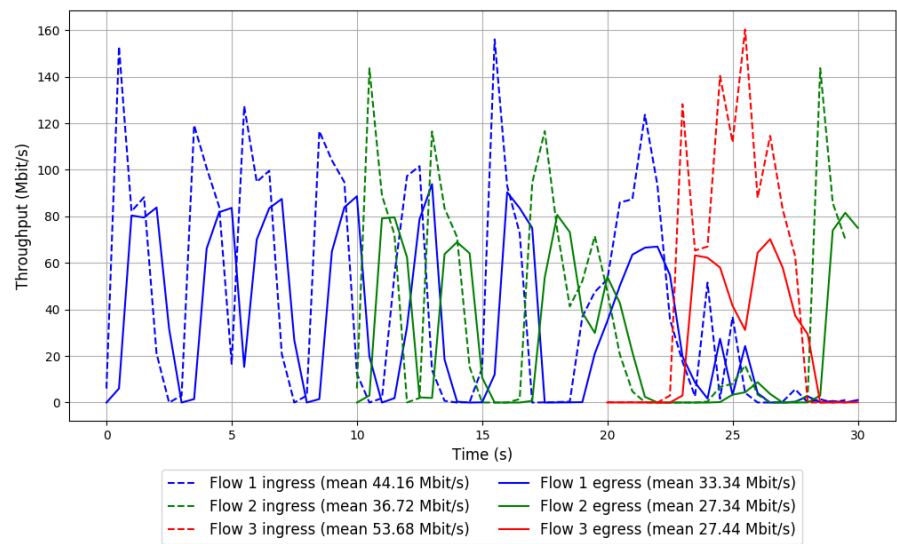


Run 8: Statistics of Verus

Start at: 2018-08-09 11:29:27
End at: 2018-08-09 11:29:57
Local clock offset: 0.422 ms
Remote clock offset: -0.614 ms

Below is generated by plot.py at 2018-08-09 12:56:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.18 Mbit/s
95th percentile per-packet one-way delay: 66.311 ms
Loss rate: 29.76%
-- Flow 1:
Average throughput: 33.34 Mbit/s
95th percentile per-packet one-way delay: 66.005 ms
Loss rate: 24.47%
-- Flow 2:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 66.184 ms
Loss rate: 25.57%
-- Flow 3:
Average throughput: 27.44 Mbit/s
95th percentile per-packet one-way delay: 67.728 ms
Loss rate: 49.39%

Run 8: Report of Verus — Data Link

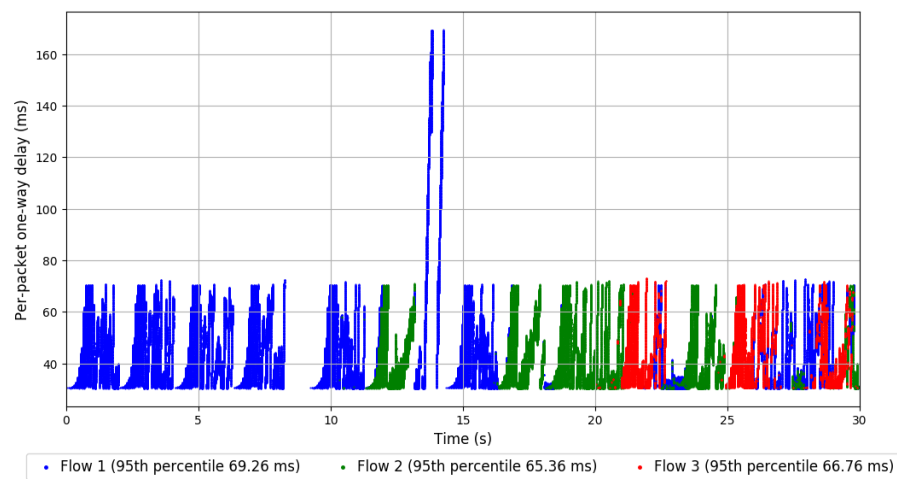
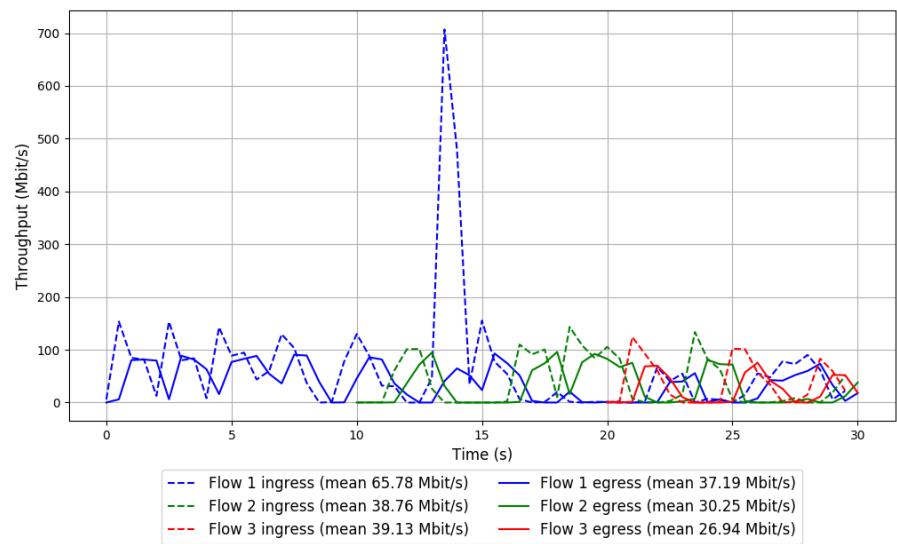


Run 9: Statistics of Verus

Start at: 2018-08-09 11:52:39
End at: 2018-08-09 11:53:09
Local clock offset: 0.317 ms
Remote clock offset: -0.732 ms

Below is generated by plot.py at 2018-08-09 12:56:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.92 Mbit/s
95th percentile per-packet one-way delay: 67.577 ms
Loss rate: 36.69%
-- Flow 1:
Average throughput: 37.19 Mbit/s
95th percentile per-packet one-way delay: 69.261 ms
Loss rate: 43.46%
-- Flow 2:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 65.365 ms
Loss rate: 21.96%
-- Flow 3:
Average throughput: 26.94 Mbit/s
95th percentile per-packet one-way delay: 66.760 ms
Loss rate: 31.16%

Run 9: Report of Verus — Data Link

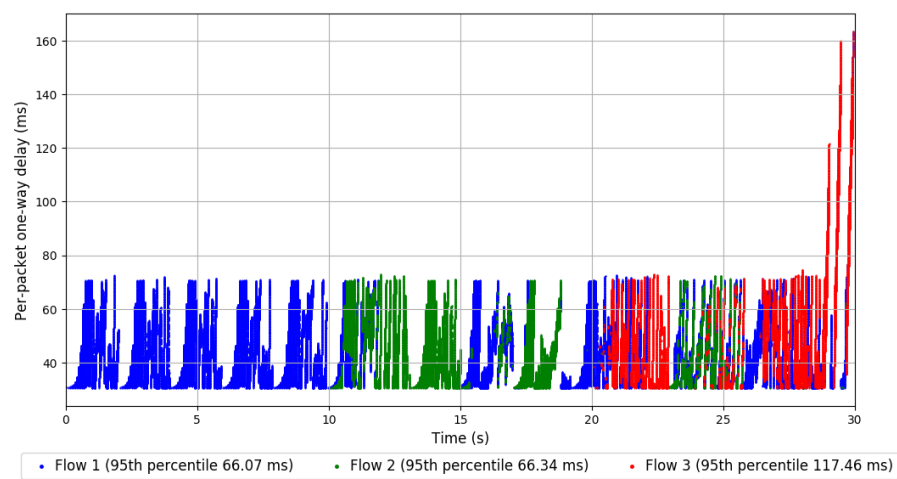
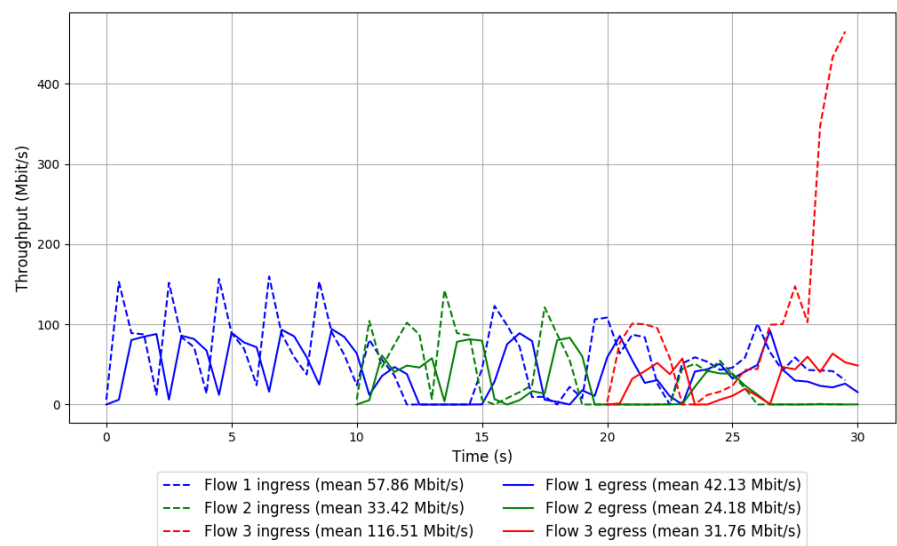


Run 10: Statistics of Verus

Start at: 2018-08-09 12:15:40
End at: 2018-08-09 12:16:10
Local clock offset: 0.32 ms
Remote clock offset: -0.601 ms

Below is generated by plot.py at 2018-08-09 12:56:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 68.279 ms
Loss rate: 41.83%
-- Flow 1:
Average throughput: 42.13 Mbit/s
95th percentile per-packet one-way delay: 66.071 ms
Loss rate: 27.06%
-- Flow 2:
Average throughput: 24.18 Mbit/s
95th percentile per-packet one-way delay: 66.341 ms
Loss rate: 27.88%
-- Flow 3:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 117.456 ms
Loss rate: 72.41%

Run 10: Report of Verus — Data Link

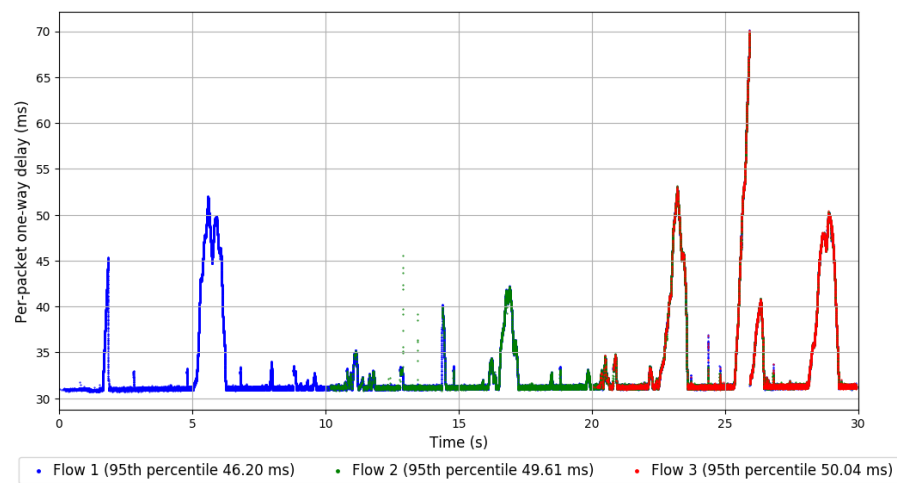
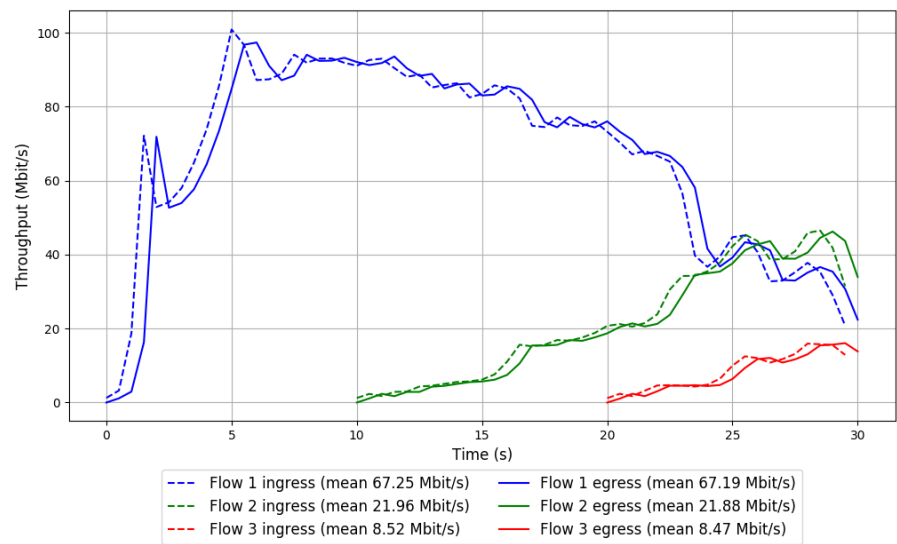


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-09 08:51:57
End at: 2018-08-09 08:52:27
Local clock offset: -2.742 ms
Remote clock offset: -1.698 ms

Below is generated by plot.py at 2018-08-09 12:56:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.54 Mbit/s
95th percentile per-packet one-way delay: 47.528 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 67.19 Mbit/s
95th percentile per-packet one-way delay: 46.205 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 21.88 Mbit/s
95th percentile per-packet one-way delay: 49.611 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 8.47 Mbit/s
95th percentile per-packet one-way delay: 50.041 ms
Loss rate: 0.59%

Run 1: Report of PCC-Vivace — Data Link

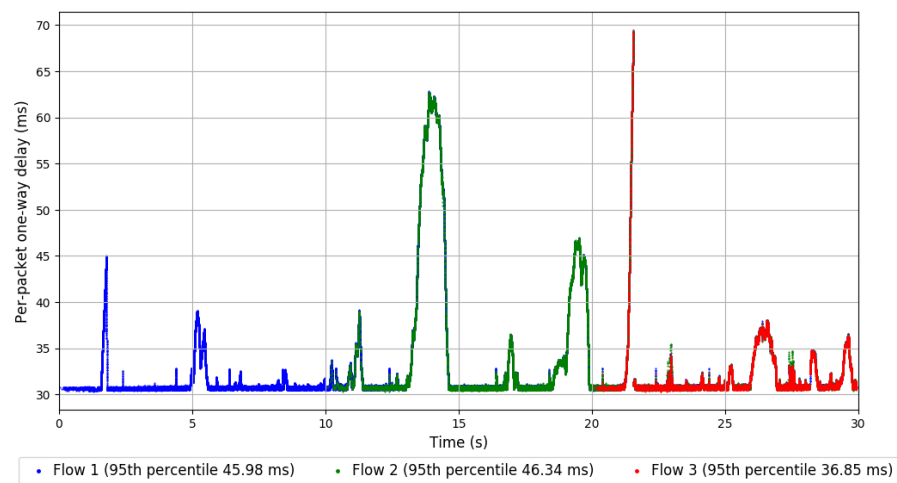
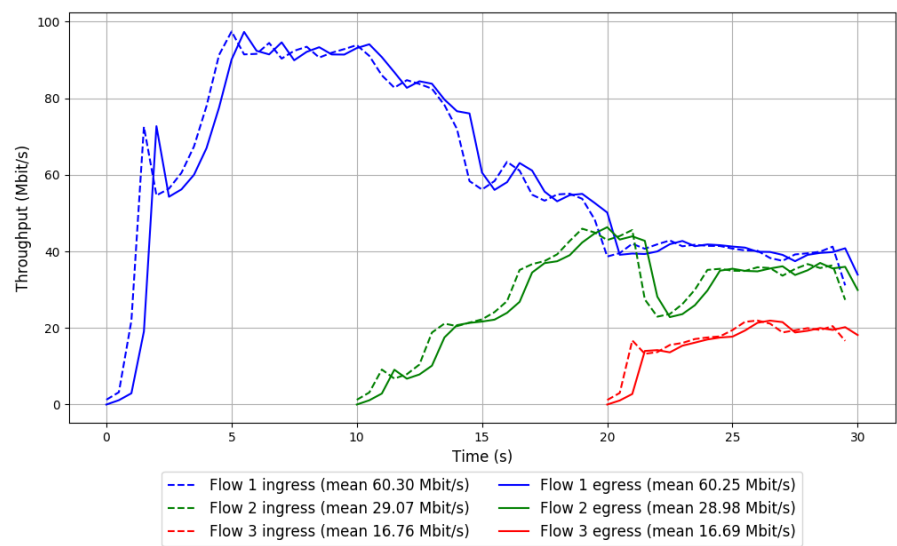


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-09 09:14:49
End at: 2018-08-09 09:15:19
Local clock offset: 1.238 ms
Remote clock offset: -1.802 ms

Below is generated by plot.py at 2018-08-09 12:56:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 45.938 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.25 Mbit/s
95th percentile per-packet one-way delay: 45.981 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 46.343 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 16.69 Mbit/s
95th percentile per-packet one-way delay: 36.846 ms
Loss rate: 0.42%

Run 2: Report of PCC-Vivace — Data Link

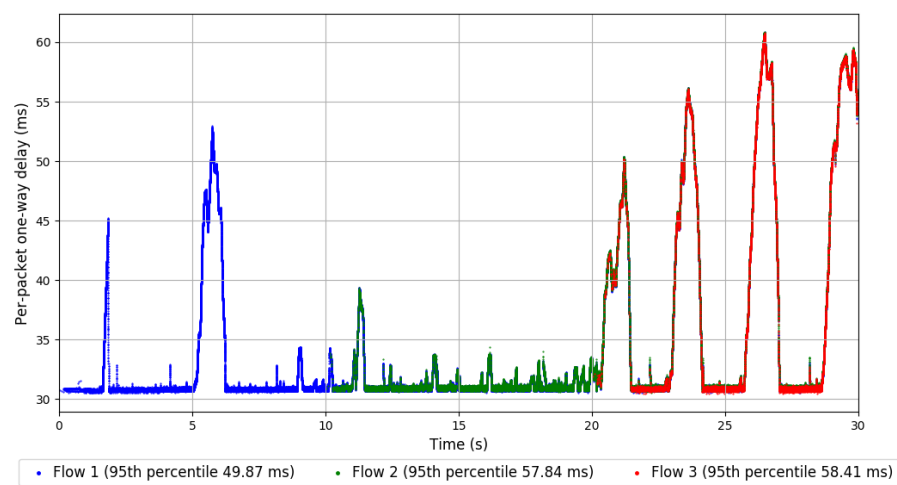
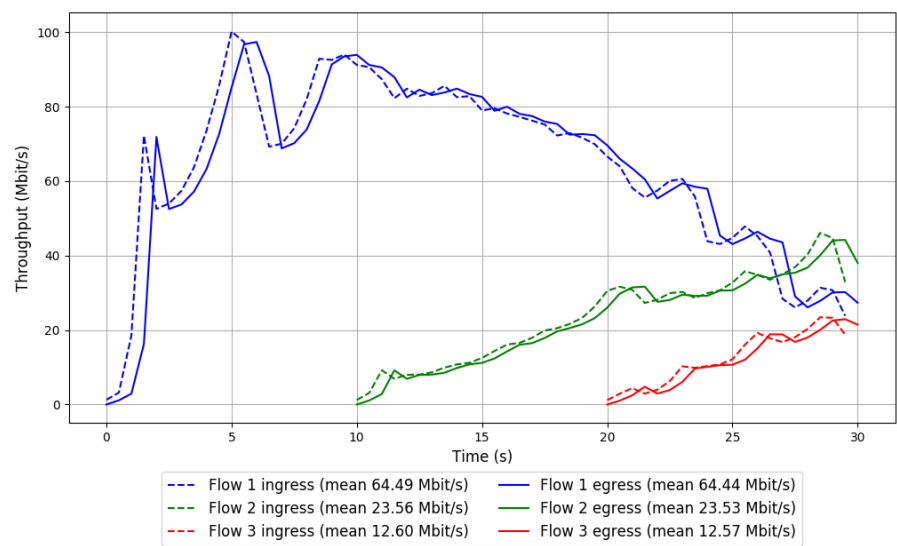


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-09 09:37:37
End at: 2018-08-09 09:38:07
Local clock offset: 1.084 ms
Remote clock offset: -0.449 ms

Below is generated by plot.py at 2018-08-09 12:56:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.26 Mbit/s
95th percentile per-packet one-way delay: 55.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.44 Mbit/s
95th percentile per-packet one-way delay: 49.874 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.53 Mbit/s
95th percentile per-packet one-way delay: 57.838 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.57 Mbit/s
95th percentile per-packet one-way delay: 58.415 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

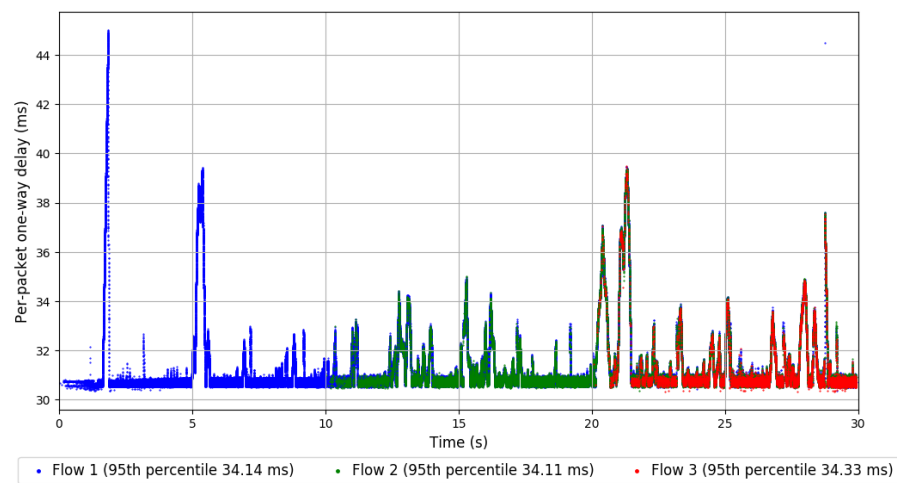
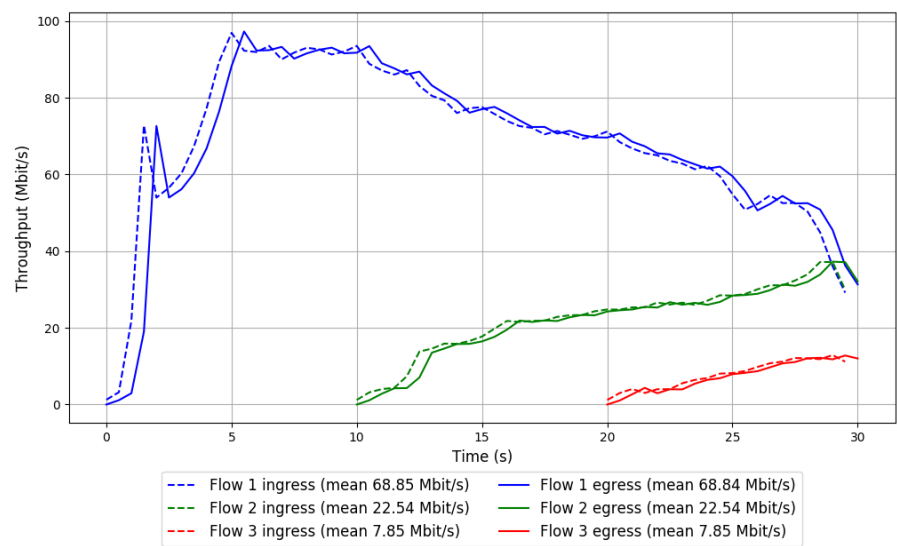


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-09 10:00:30
End at: 2018-08-09 10:01:00
Local clock offset: -2.194 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2018-08-09 12:57:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 34.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.84 Mbit/s
95th percentile per-packet one-way delay: 34.140 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.54 Mbit/s
95th percentile per-packet one-way delay: 34.113 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 7.85 Mbit/s
95th percentile per-packet one-way delay: 34.328 ms
Loss rate: 0.01%

Run 4: Report of PCC-Vivace — Data Link

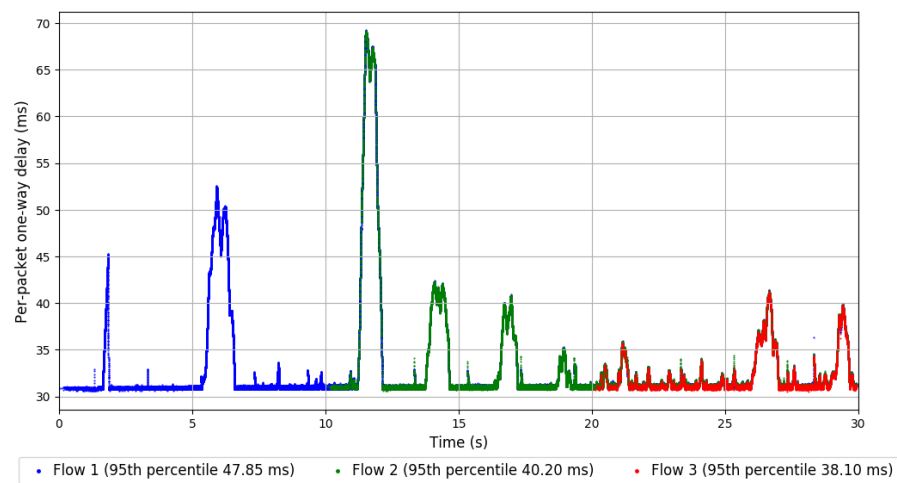
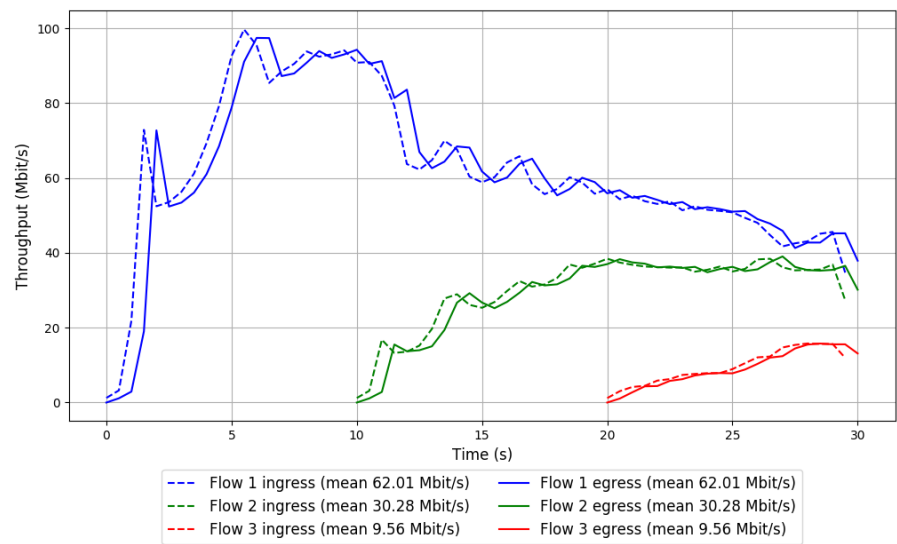


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-09 10:23:24
End at: 2018-08-09 10:23:54
Local clock offset: -1.052 ms
Remote clock offset: -1.103 ms

Below is generated by plot.py at 2018-08-09 12:57:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.30 Mbit/s
95th percentile per-packet one-way delay: 45.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.01 Mbit/s
95th percentile per-packet one-way delay: 47.850 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.28 Mbit/s
95th percentile per-packet one-way delay: 40.197 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 38.102 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

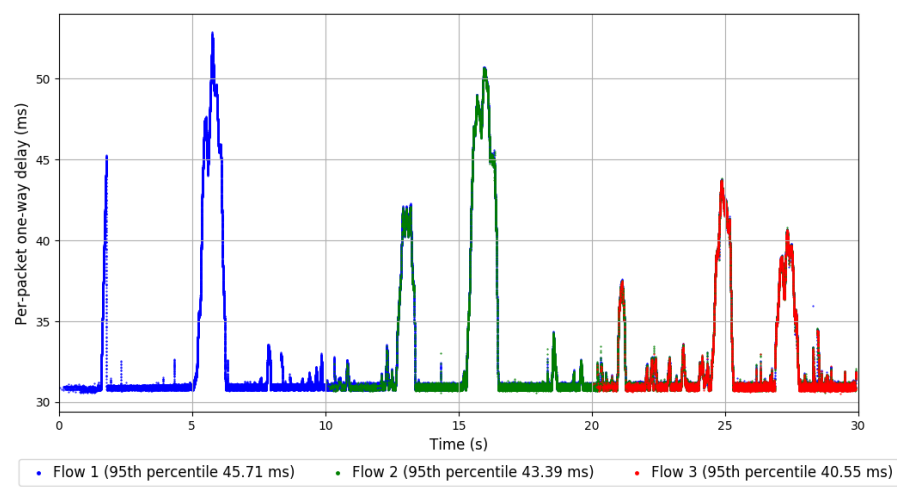
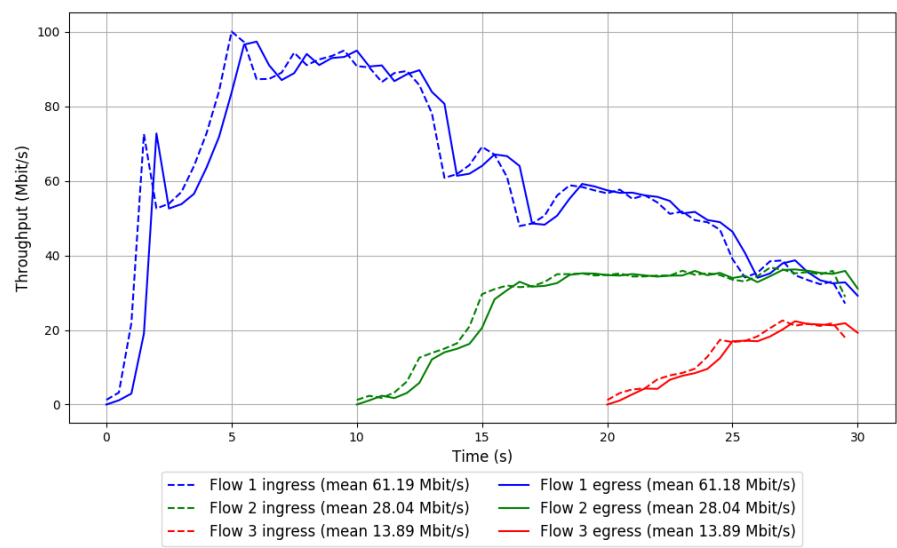


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-09 10:46:19
End at: 2018-08-09 10:46:49
Local clock offset: 0.729 ms
Remote clock offset: -0.428 ms

Below is generated by plot.py at 2018-08-09 12:57:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 45.114 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.18 Mbit/s
95th percentile per-packet one-way delay: 45.711 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 43.388 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 40.552 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

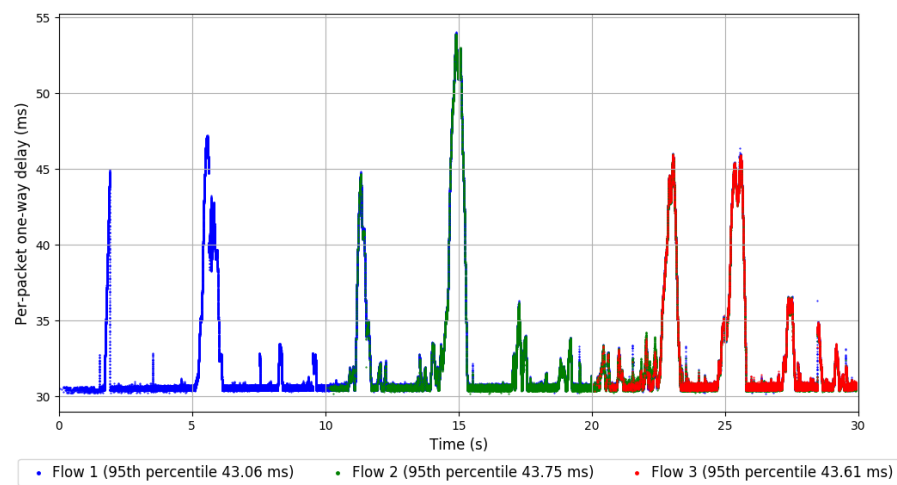
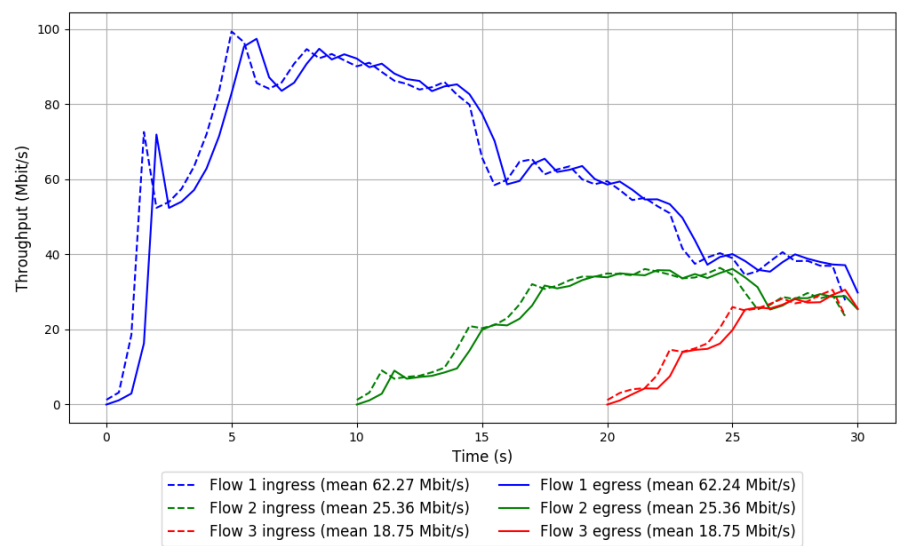


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-09 11:09:14
End at: 2018-08-09 11:09:44
Local clock offset: 0.696 ms
Remote clock offset: -0.646 ms

Below is generated by plot.py at 2018-08-09 12:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.30 Mbit/s
95th percentile per-packet one-way delay: 43.304 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.24 Mbit/s
95th percentile per-packet one-way delay: 43.062 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 43.754 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 18.75 Mbit/s
95th percentile per-packet one-way delay: 43.613 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

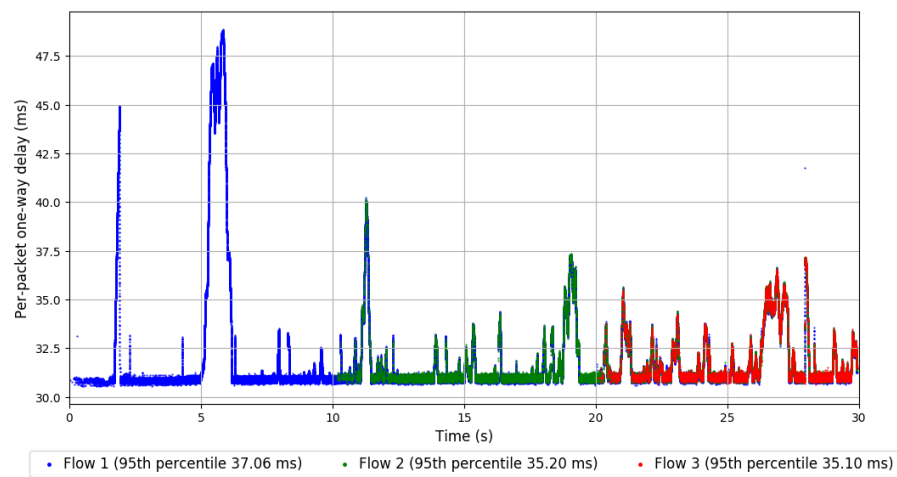
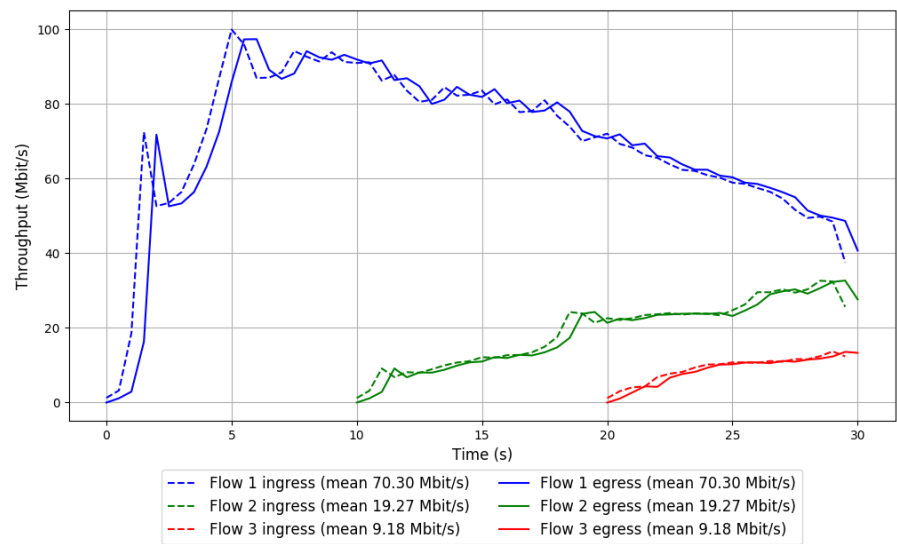


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-09 11:32:09
End at: 2018-08-09 11:32:39
Local clock offset: 0.31 ms
Remote clock offset: -0.616 ms

Below is generated by plot.py at 2018-08-09 12:57:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.15 Mbit/s
95th percentile per-packet one-way delay: 36.246 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.30 Mbit/s
95th percentile per-packet one-way delay: 37.058 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.27 Mbit/s
95th percentile per-packet one-way delay: 35.205 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 35.103 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

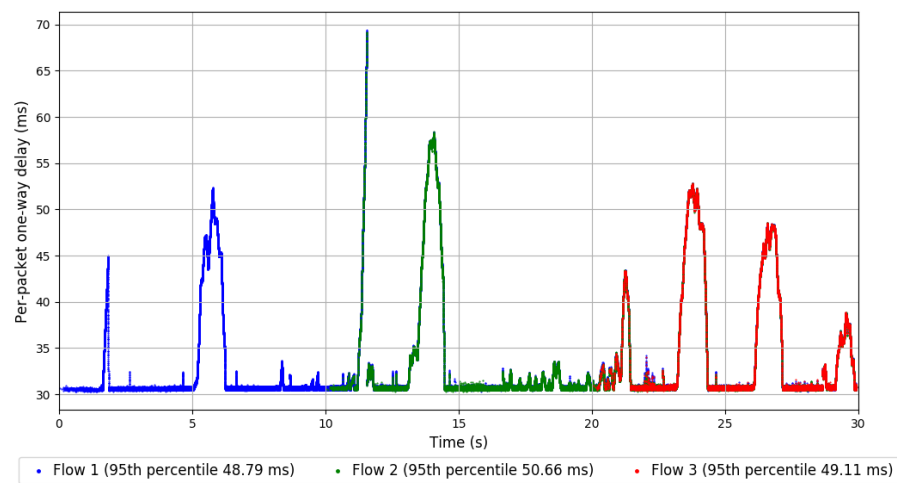
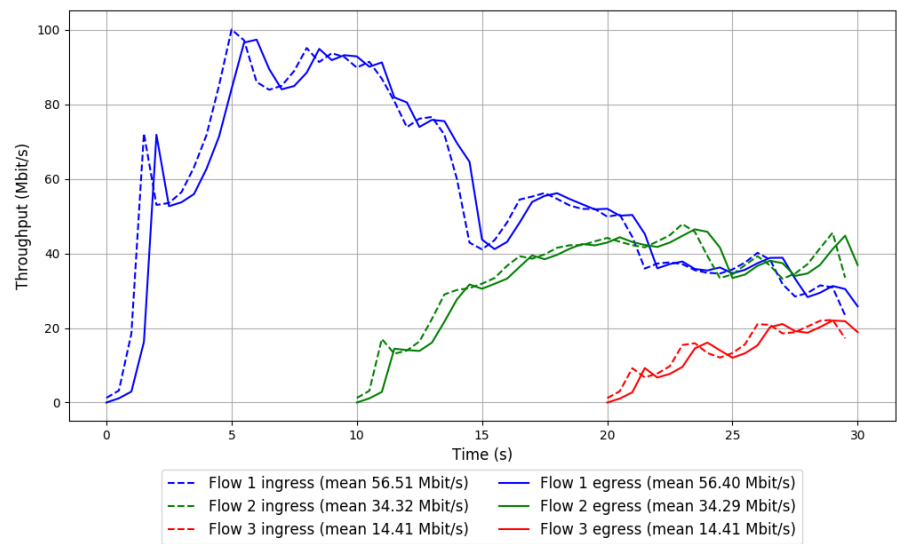


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-09 11:55:21
End at: 2018-08-09 11:55:51
Local clock offset: 0.306 ms
Remote clock offset: -0.766 ms

Below is generated by plot.py at 2018-08-09 12:57:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.96 Mbit/s
95th percentile per-packet one-way delay: 49.290 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 48.787 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 50.658 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 14.41 Mbit/s
95th percentile per-packet one-way delay: 49.112 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

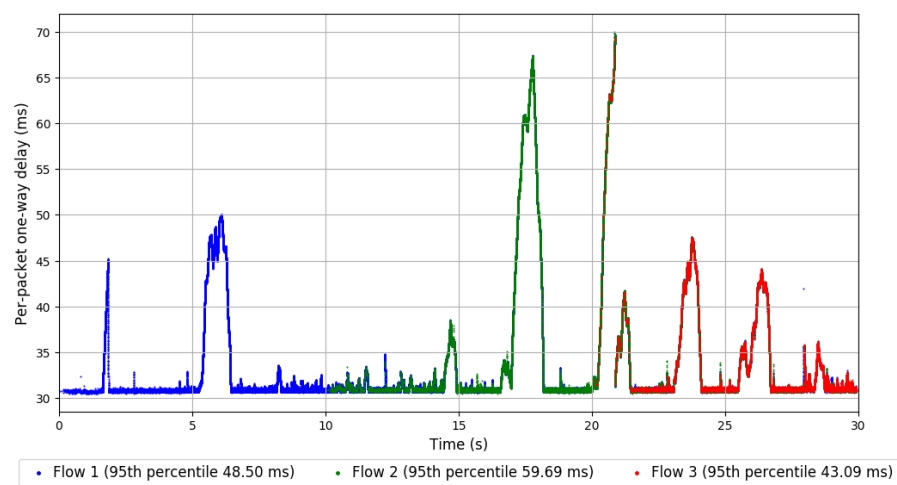
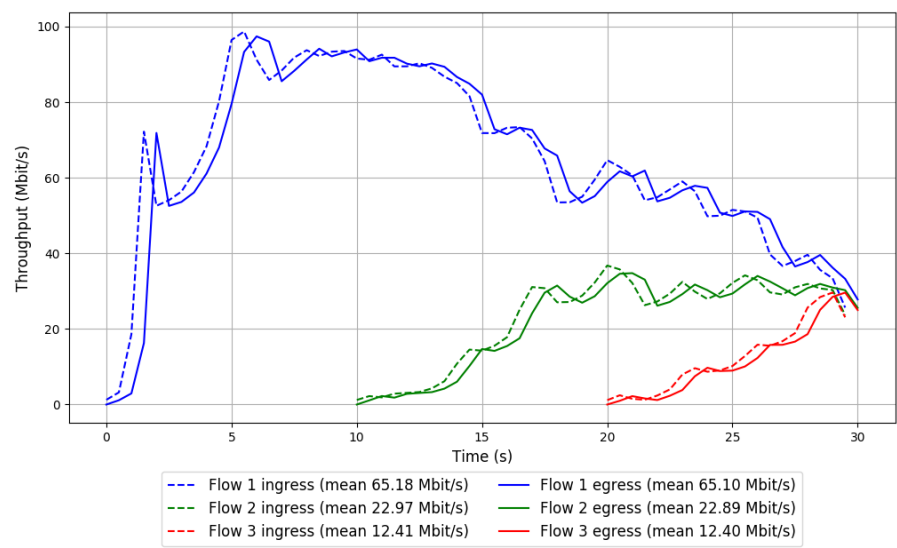


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-09 12:18:23
End at: 2018-08-09 12:18:53
Local clock offset: 0.243 ms
Remote clock offset: -0.632 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.42 Mbit/s
95th percentile per-packet one-way delay: 49.586 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 65.10 Mbit/s
95th percentile per-packet one-way delay: 48.496 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 22.89 Mbit/s
95th percentile per-packet one-way delay: 59.691 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 43.088 ms
Loss rate: 0.10%

Run 10: Report of PCC-Vivace — Data Link

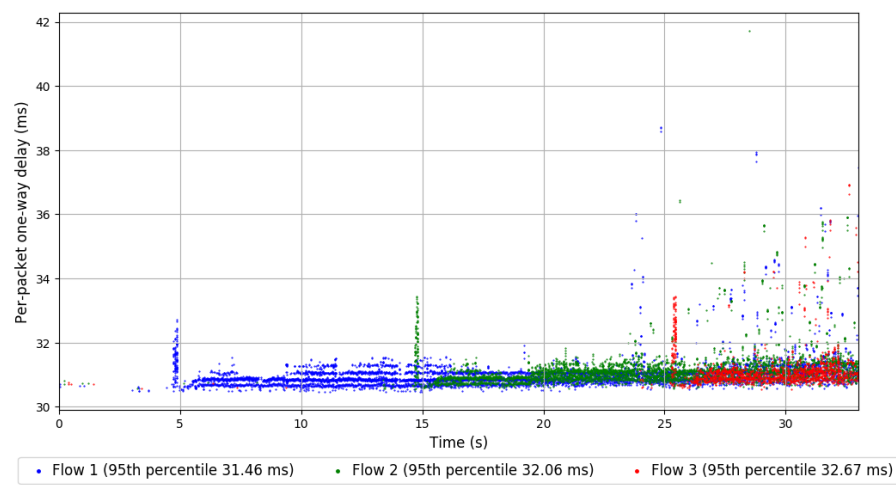
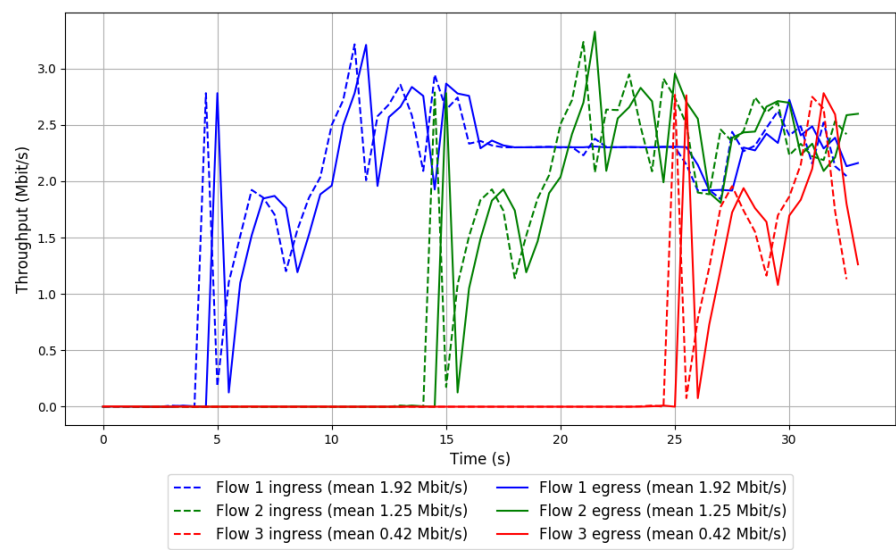


Run 1: Statistics of WebRTC media

Start at: 2018-08-09 08:41:19
End at: 2018-08-09 08:41:49
Local clock offset: -5.87 ms
Remote clock offset: -1.405 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 31.736 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 31.465 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 32.057 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 32.667 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

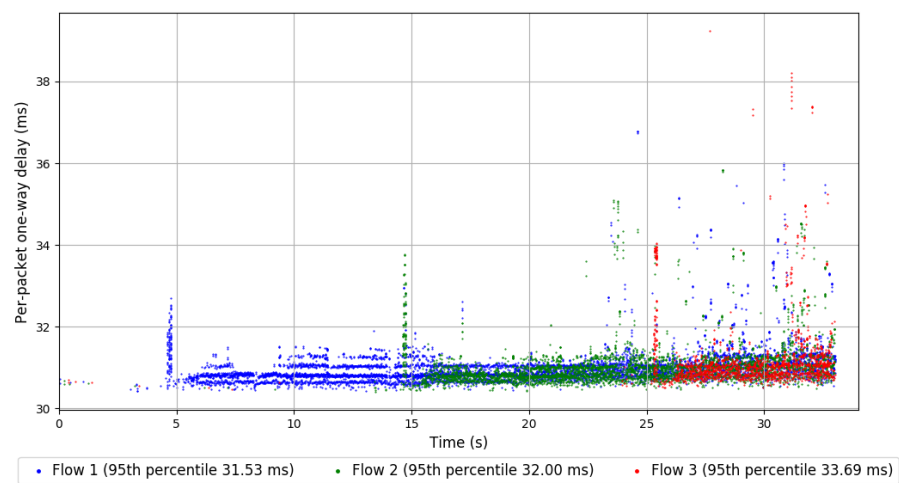
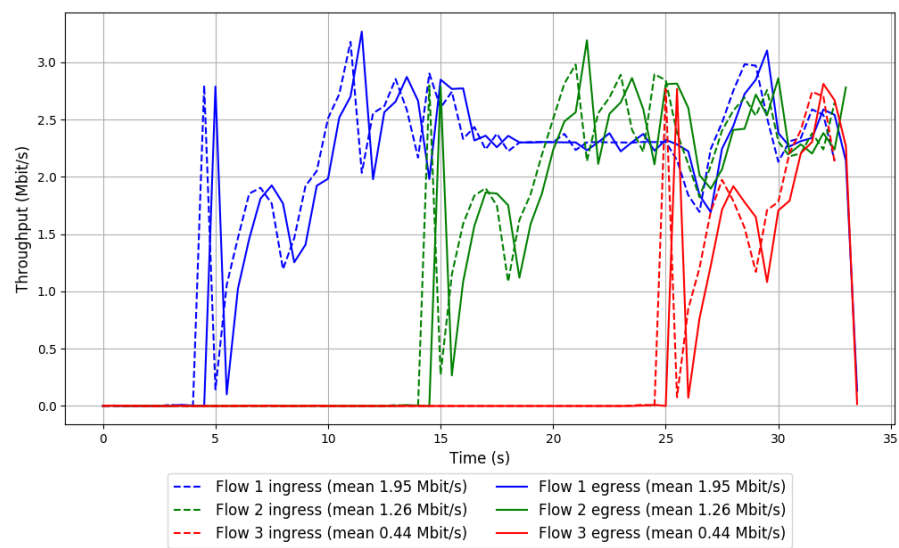


Run 2: Statistics of WebRTC media

Start at: 2018-08-09 09:04:11
End at: 2018-08-09 09:04:41
Local clock offset: 0.087 ms
Remote clock offset: -1.902 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 31.817 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 31.527 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 32.004 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 33.686 ms
Loss rate: 0.06%

Run 2: Report of WebRTC media — Data Link

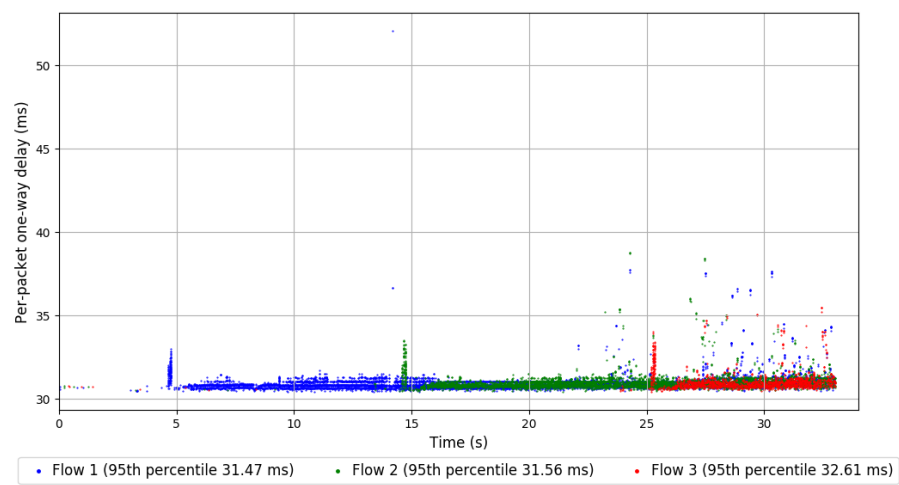
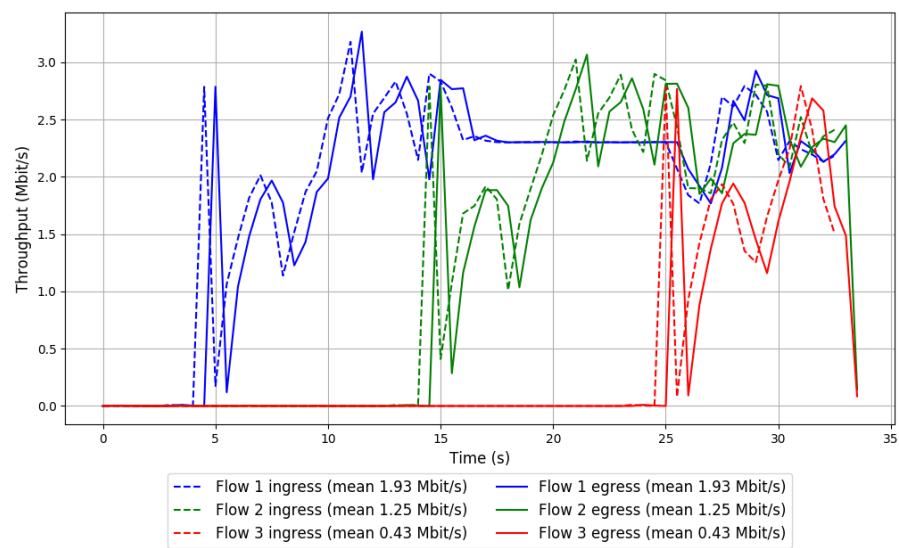


Run 3: Statistics of WebRTC media

Start at: 2018-08-09 09:27:03
End at: 2018-08-09 09:27:33
Local clock offset: 0.828 ms
Remote clock offset: -1.137 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 31.596 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 31.474 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 31.561 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 32.614 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

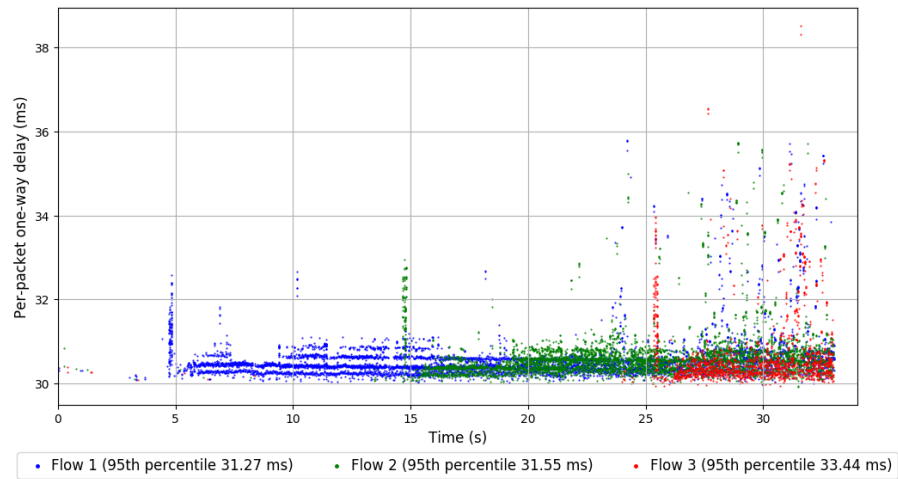
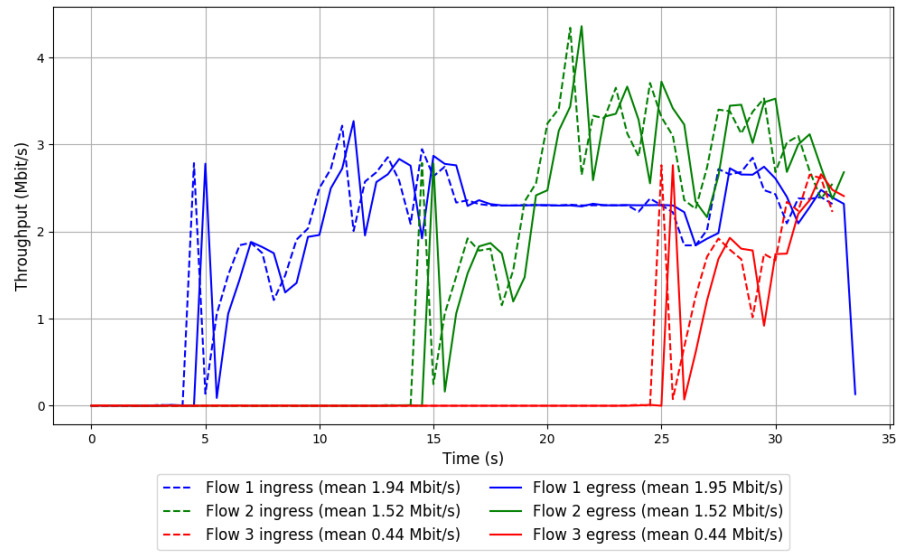


Run 4: Statistics of WebRTC media

Start at: 2018-08-09 09:49:52
End at: 2018-08-09 09:50:22
Local clock offset: -0.171 ms
Remote clock offset: -0.227 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 31.741 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 31.275 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 31.554 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 33.444 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-08-09 10:12:47

End at: 2018-08-09 10:13:17

Local clock offset: -2.974 ms

Remote clock offset: -0.82 ms

Below is generated by plot.py at 2018-08-09 12:57:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.58 Mbit/s

95th percentile per-packet one-way delay: 31.739 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.94 Mbit/s

95th percentile per-packet one-way delay: 31.505 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.22 Mbit/s

95th percentile per-packet one-way delay: 31.787 ms

Loss rate: 0.00%

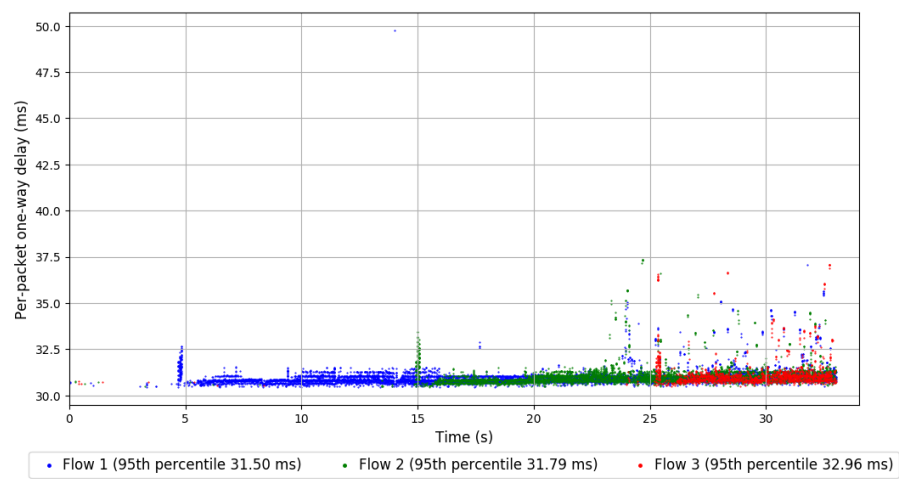
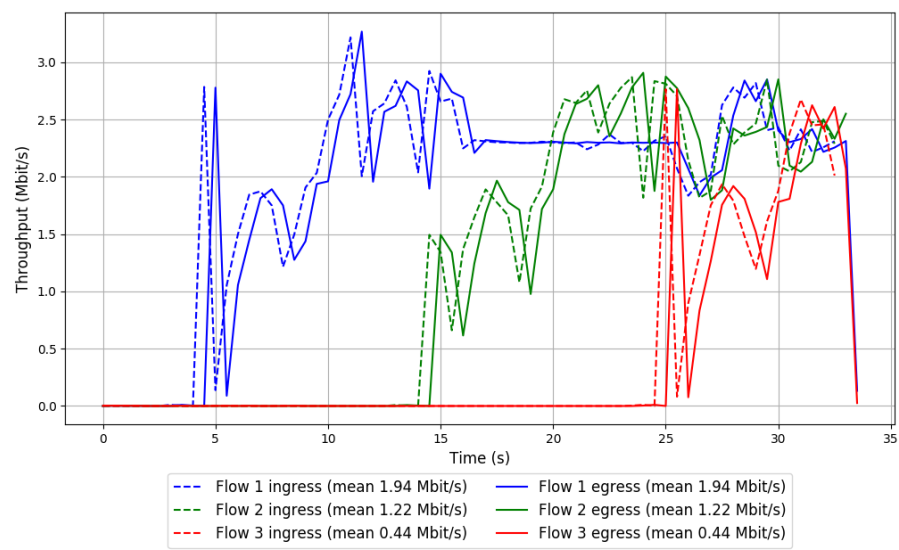
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 32.962 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

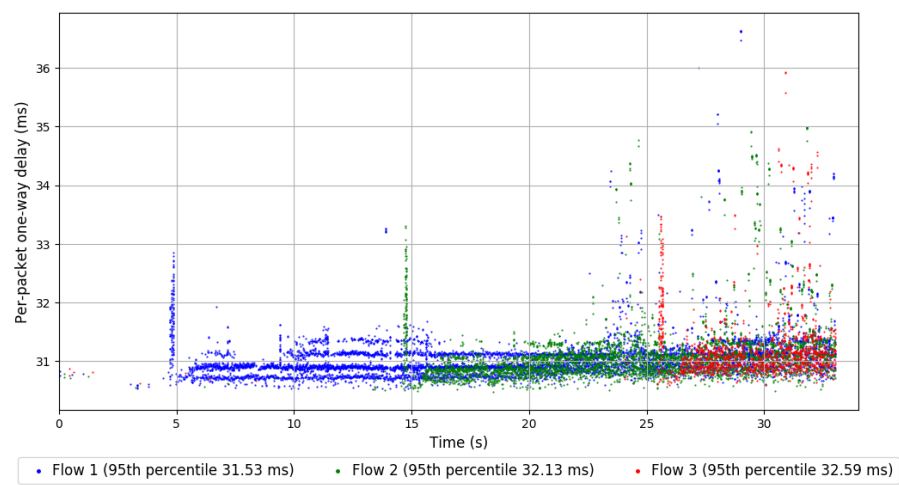
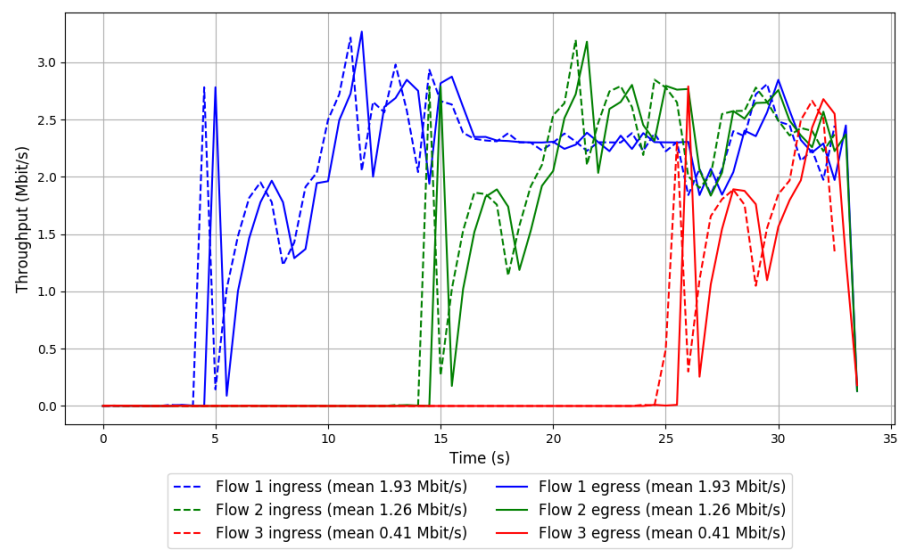


Run 6: Statistics of WebRTC media

Start at: 2018-08-09 10:35:40
End at: 2018-08-09 10:36:10
Local clock offset: 0.11 ms
Remote clock offset: -0.948 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 31.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 31.529 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 32.134 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 32.594 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

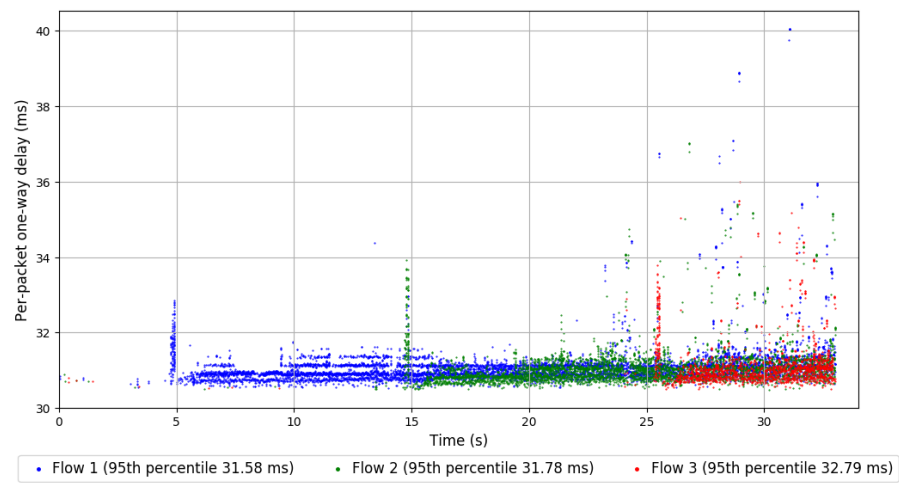
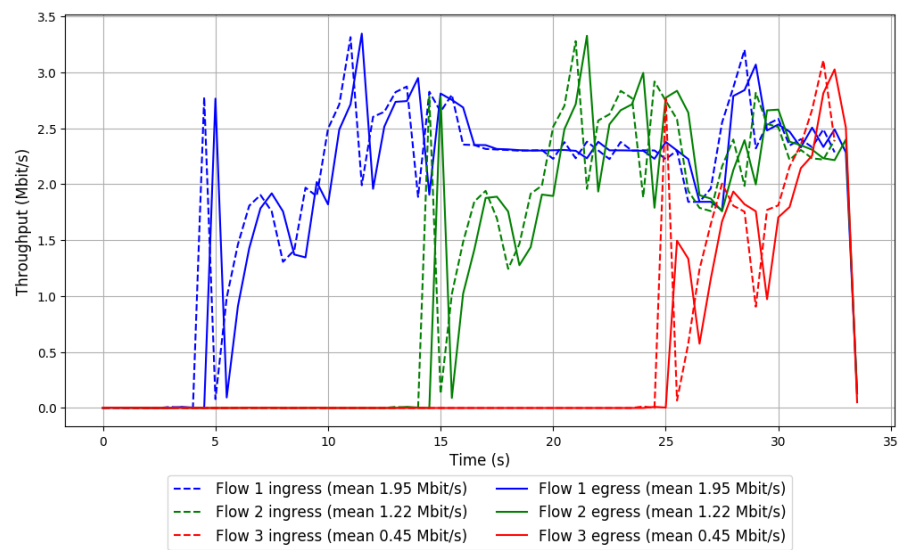


Run 7: Statistics of WebRTC media

Start at: 2018-08-09 10:58:35
End at: 2018-08-09 10:59:05
Local clock offset: 0.574 ms
Remote clock offset: -0.477 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.60 Mbit/s
95th percentile per-packet one-way delay: 31.760 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 31.581 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 31.780 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 32.794 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

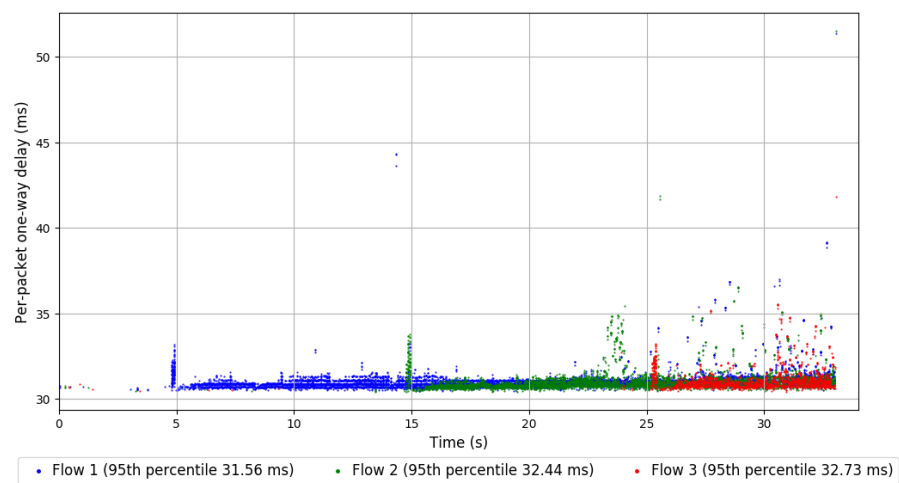
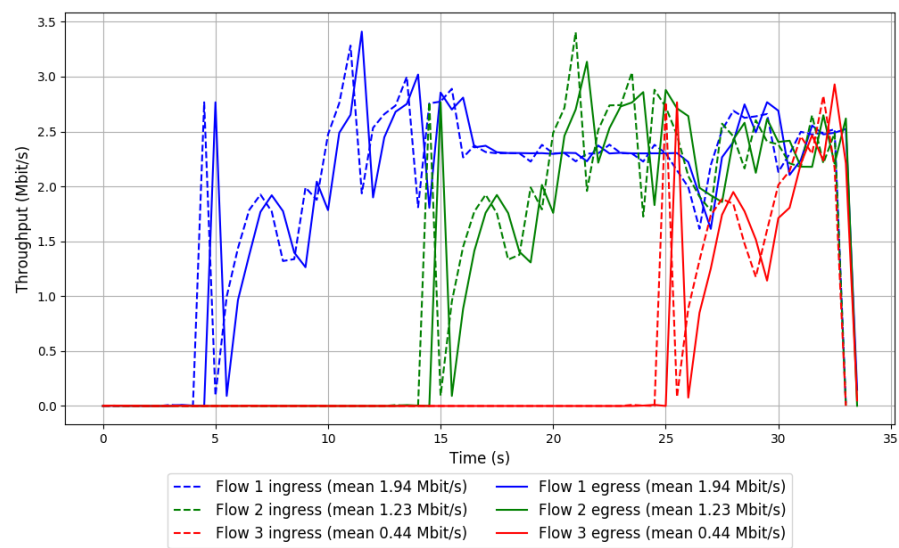


Run 8: Statistics of WebRTC media

Start at: 2018-08-09 11:21:30
End at: 2018-08-09 11:22:00
Local clock offset: 0.542 ms
Remote clock offset: -0.368 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.60 Mbit/s
95th percentile per-packet one-way delay: 31.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 31.560 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 32.437 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 32.727 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

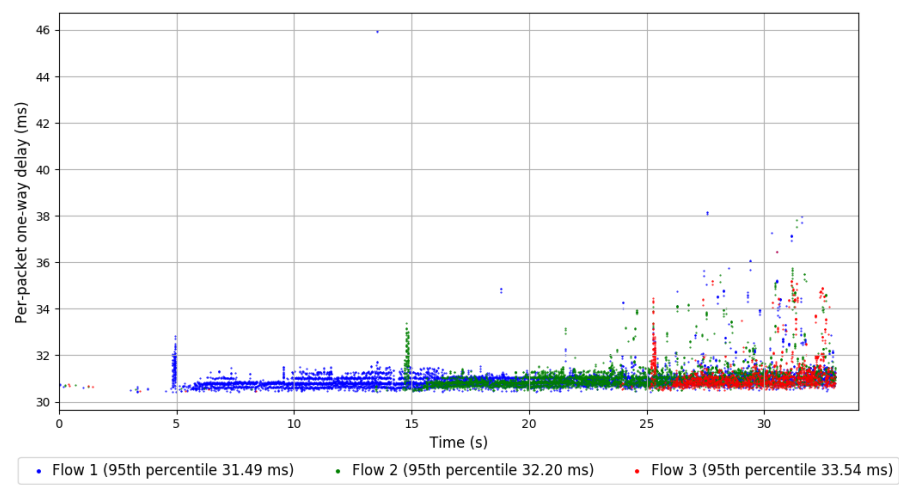
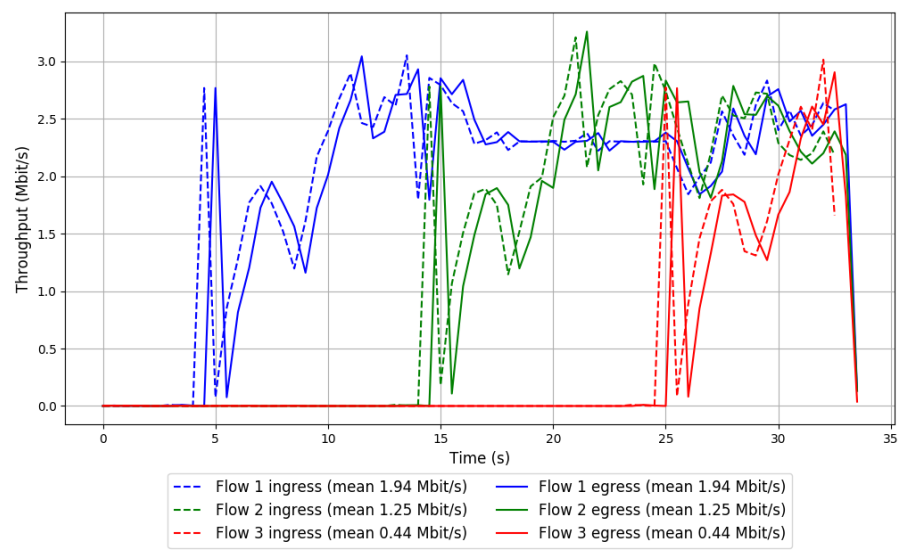


Run 9: Statistics of WebRTC media

Start at: 2018-08-09 11:44:41
End at: 2018-08-09 11:45:11
Local clock offset: 0.423 ms
Remote clock offset: -0.662 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 31.953 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 31.491 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 32.195 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 33.542 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-09 12:07:37
End at: 2018-08-09 12:08:07
Local clock offset: 0.137 ms
Remote clock offset: -0.492 ms

Below is generated by plot.py at 2018-08-09 12:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 32.466 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 32.535 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 32.242 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 32.727 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

