

Pantheon Report

Generated at 2018-08-01 11:22:41 (UTC).

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

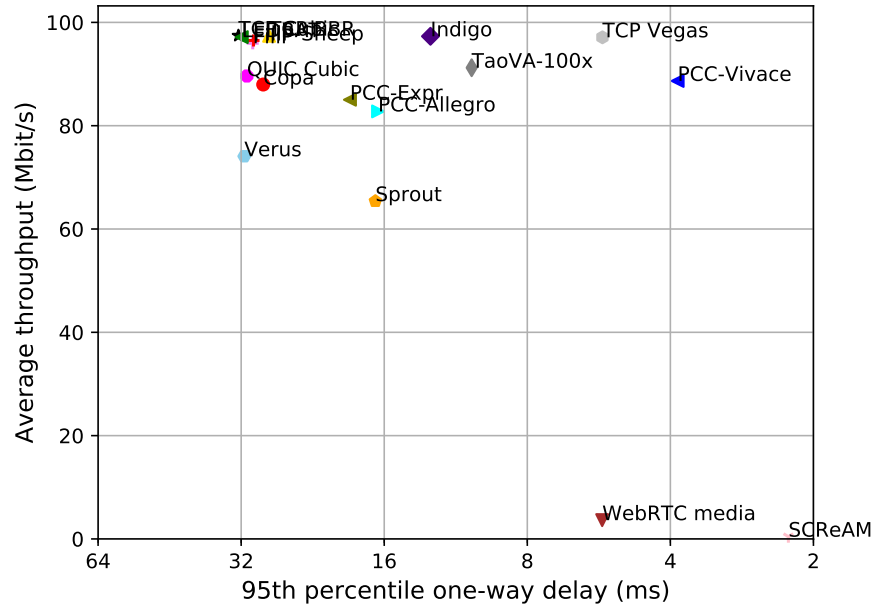
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

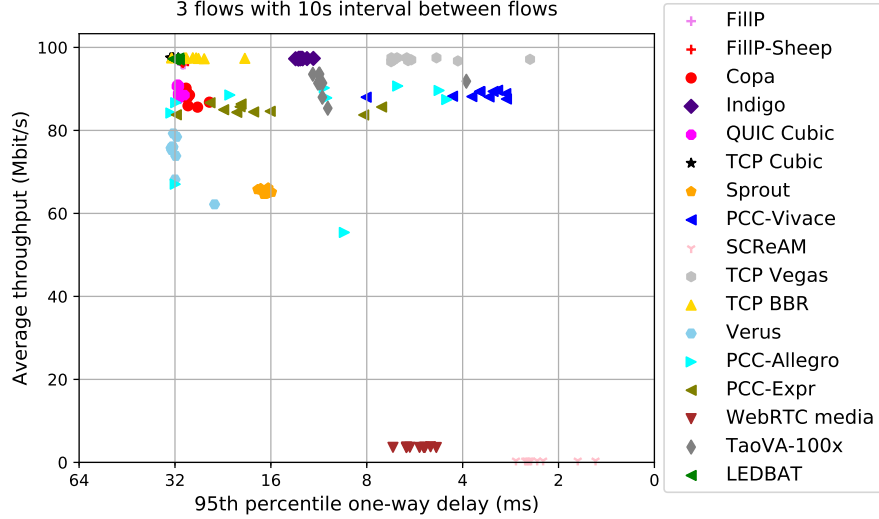
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



test from AWS Brazil 1 to Brazil, 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	70.15	30.42	21.01	27.78	27.49	31.48	0.08	0.03	0.60
Copa	10	52.75	37.97	29.84	26.66	29.45	30.20	0.01	0.01	0.03
TCP Cubic	10	65.54	35.16	25.57	32.35	32.55	32.62	0.03	0.07	0.12
FillP	10	54.14	45.64	34.60	30.19	30.29	30.31	11.98	22.28	25.77
FillP-Sheep	10	61.21	37.96	30.31	30.08	30.17	30.19	15.22	28.65	35.25
Indigo	10	46.95	42.39	68.22	11.11	12.95	13.34	0.00	0.00	0.00
LEDBAT	10	61.98	38.15	29.48	31.84	32.04	32.09	0.03	0.06	0.09
PCC-Allegro	10	63.45	22.52	13.17	15.32	18.32	21.07	0.07	0.18	0.41
PCC-Expr	10	53.78	35.56	23.00	18.86	18.43	18.53	0.17	0.19	0.02
QUIC Cubic	10	56.96	35.39	27.78	31.04	31.20	31.27	0.15	0.19	0.24
SCReAM	10	0.22	0.22	0.22	2.26	2.24	2.21	0.00	0.00	0.00
Sprout	10	33.89	32.33	30.26	15.49	16.75	18.86	0.00	0.00	0.01
TaoVA-100x	10	58.16	36.17	26.97	9.82	11.13	14.94	0.02	0.06	0.39
TCP Vegas	10	51.71	44.70	47.00	10.78	3.92	4.00	0.00	0.00	0.00
Verus	10	44.25	30.85	28.63	29.38	32.01	32.54	9.67	23.19	27.50
PCC-Vivace	10	57.47	33.60	26.79	3.36	6.01	5.09	0.00	0.01	0.00
WebRTC media	10	1.96	1.27	0.41	5.42	5.41	6.62	0.02	0.00	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-08-01 07:52:25

End at: 2018-08-01 07:52:55

Local clock offset: 6.06 ms

Remote clock offset: -4.81 ms

Below is generated by plot.py at 2018-08-01 10:58:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.52 Mbit/s

95th percentile per-packet one-way delay: 28.128 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 81.95 Mbit/s

95th percentile per-packet one-way delay: 28.137 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 17.82 Mbit/s

95th percentile per-packet one-way delay: 27.847 ms

Loss rate: 0.00%

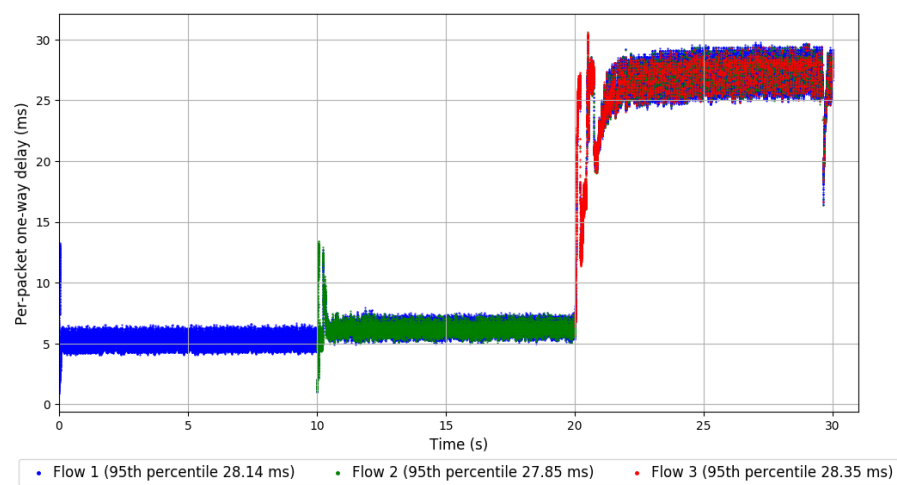
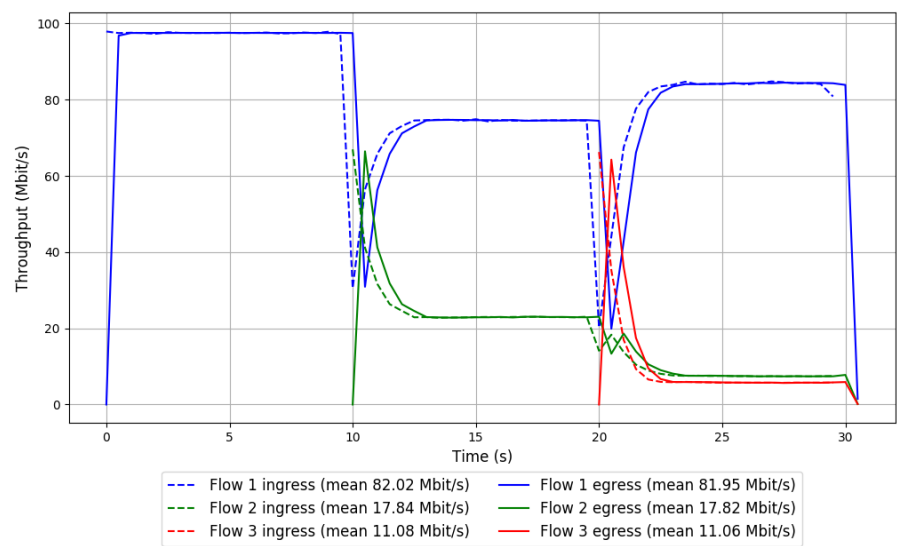
-- Flow 3:

Average throughput: 11.06 Mbit/s

95th percentile per-packet one-way delay: 28.351 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

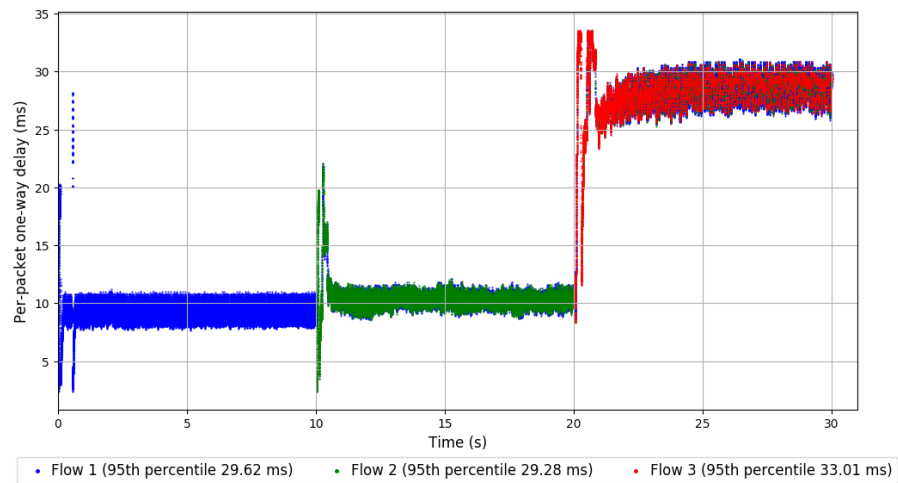
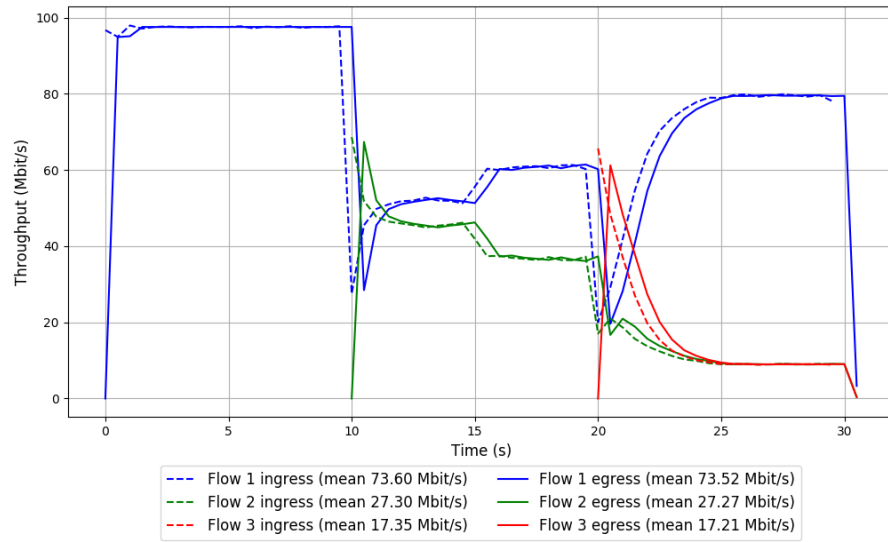


Run 2: Statistics of TCP BBR

Start at: 2018-08-01 08:11:36
End at: 2018-08-01 08:12:06
Local clock offset: 9.507 ms
Remote clock offset: -7.266 ms

Below is generated by plot.py at 2018-08-01 10:58:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 29.706 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 73.52 Mbit/s
95th percentile per-packet one-way delay: 29.617 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 27.27 Mbit/s
95th percentile per-packet one-way delay: 29.283 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 17.21 Mbit/s
95th percentile per-packet one-way delay: 33.005 ms
Loss rate: 0.62%

Run 2: Report of TCP BBR — Data Link

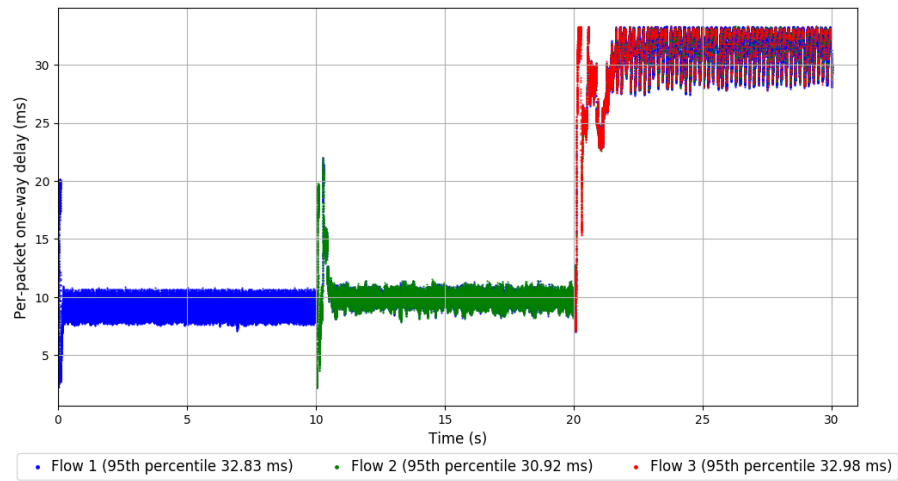
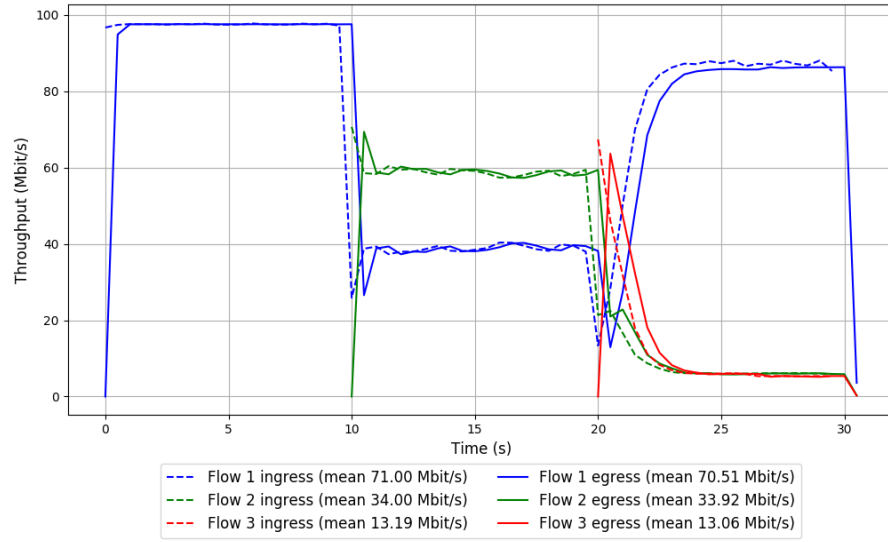


Run 3: Statistics of TCP BBR

Start at: 2018-08-01 08:30:49
End at: 2018-08-01 08:31:19
Local clock offset: 8.739 ms
Remote clock offset: -6.988 ms

Below is generated by plot.py at 2018-08-01 10:58:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.792 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 70.51 Mbit/s
95th percentile per-packet one-way delay: 32.834 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 33.92 Mbit/s
95th percentile per-packet one-way delay: 30.920 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 32.976 ms
Loss rate: 0.78%

Run 3: Report of TCP BBR — Data Link

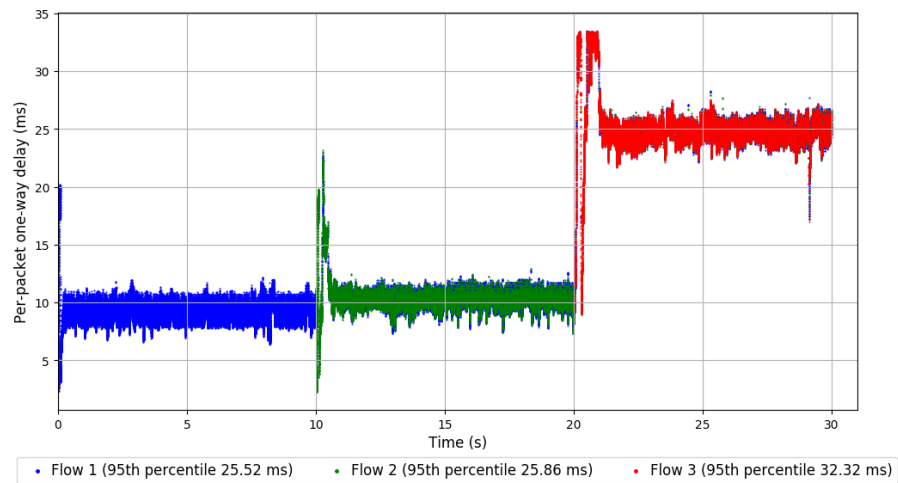
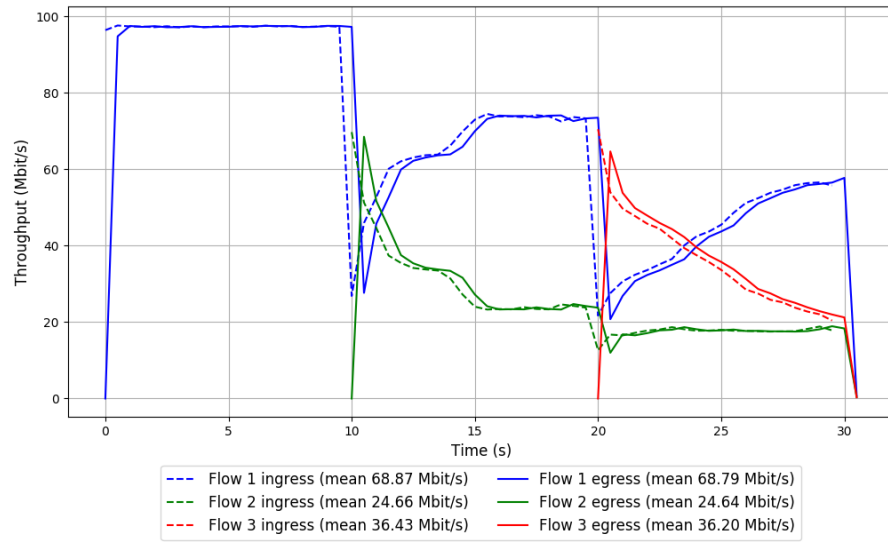


Run 4: Statistics of TCP BBR

Start at: 2018-08-01 08:50:02
End at: 2018-08-01 08:50:32
Local clock offset: 8.33 ms
Remote clock offset: -6.763 ms

Below is generated by plot.py at 2018-08-01 10:58:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 25.909 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 68.79 Mbit/s
95th percentile per-packet one-way delay: 25.520 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 25.859 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 36.20 Mbit/s
95th percentile per-packet one-way delay: 32.316 ms
Loss rate: 0.46%

Run 4: Report of TCP BBR — Data Link

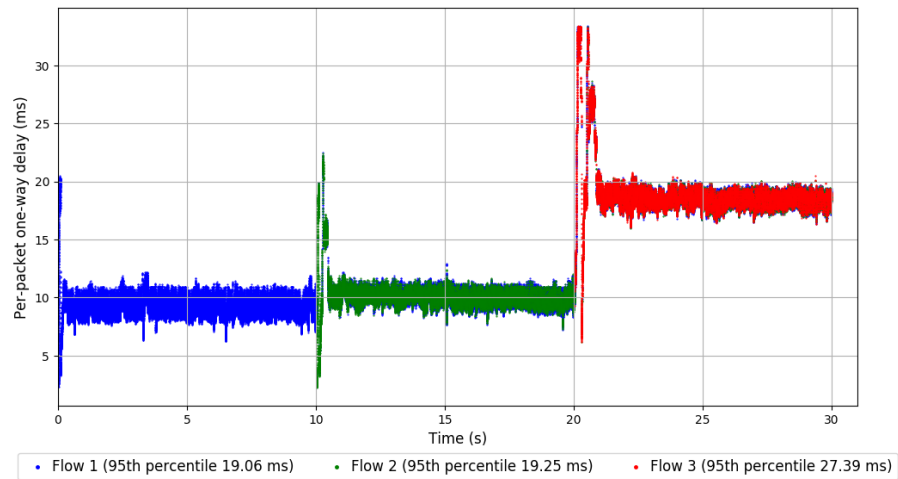
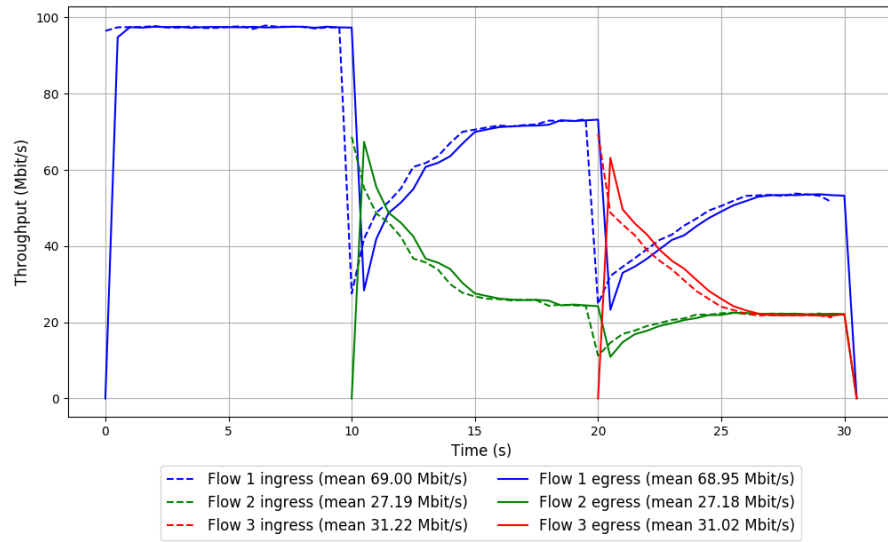


Run 5: Statistics of TCP BBR

Start at: 2018-08-01 09:09:13
End at: 2018-08-01 09:09:43
Local clock offset: 9.279 ms
Remote clock offset: -1.873 ms

Below is generated by plot.py at 2018-08-01 10:58:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 19.314 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 68.95 Mbit/s
95th percentile per-packet one-way delay: 19.059 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 27.18 Mbit/s
95th percentile per-packet one-way delay: 19.248 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 27.395 ms
Loss rate: 0.56%

Run 5: Report of TCP BBR — Data Link

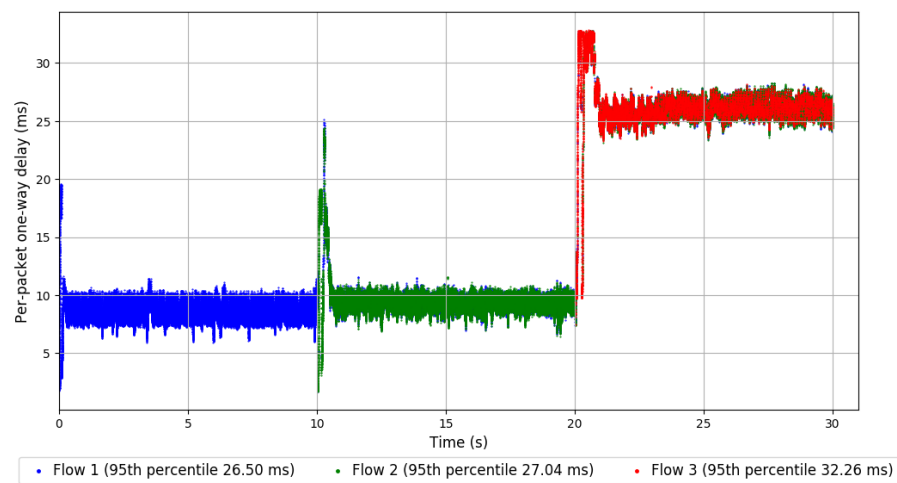
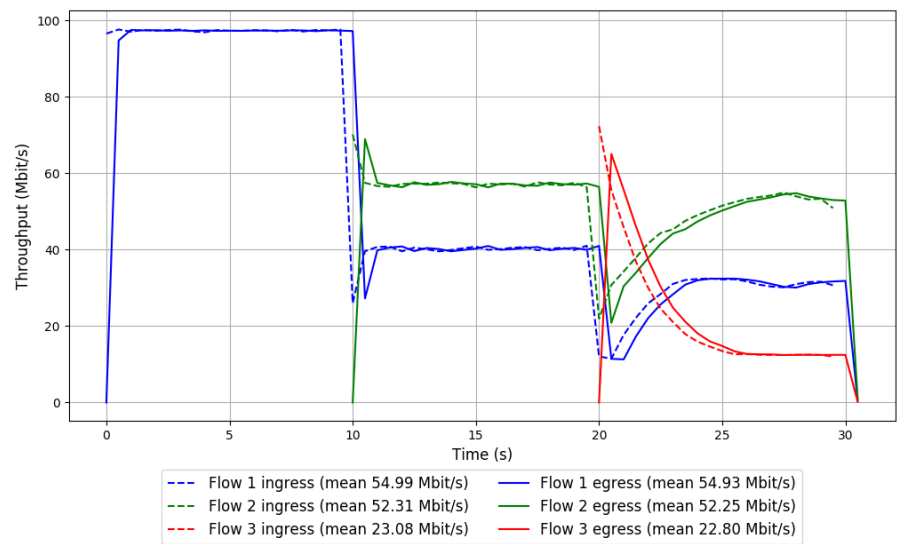


Run 6: Statistics of TCP BBR

Start at: 2018-08-01 09:28:25
End at: 2018-08-01 09:28:55
Local clock offset: 0.461 ms
Remote clock offset: -0.468 ms

Below is generated by plot.py at 2018-08-01 10:58:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 27.006 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 26.497 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 52.25 Mbit/s
95th percentile per-packet one-way delay: 27.038 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 22.80 Mbit/s
95th percentile per-packet one-way delay: 32.261 ms
Loss rate: 1.04%

Run 6: Report of TCP BBR — Data Link

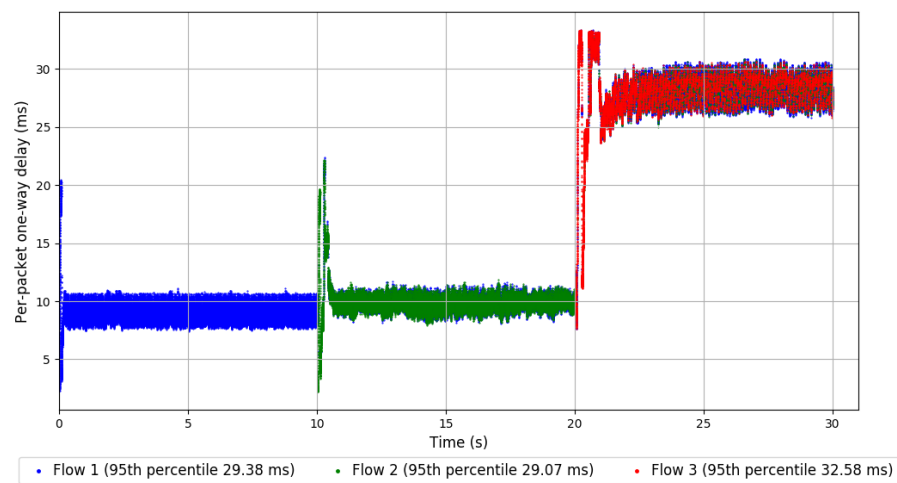
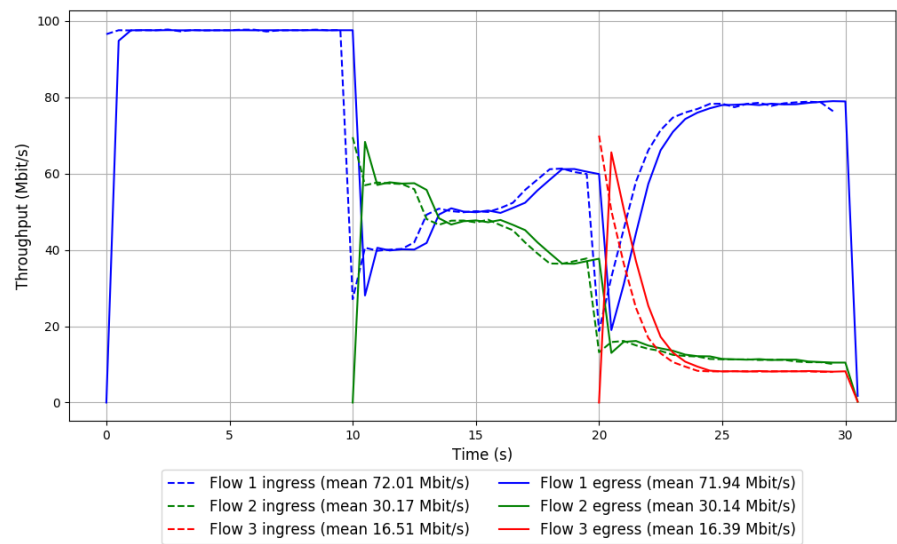


Run 7: Statistics of TCP BBR

Start at: 2018-08-01 09:47:38
End at: 2018-08-01 09:48:08
Local clock offset: -11.261 ms
Remote clock offset: -6.832 ms

Below is generated by plot.py at 2018-08-01 10:58:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 29.485 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 71.94 Mbit/s
95th percentile per-packet one-way delay: 29.377 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 29.070 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 16.39 Mbit/s
95th percentile per-packet one-way delay: 32.579 ms
Loss rate: 0.51%

Run 7: Report of TCP BBR — Data Link

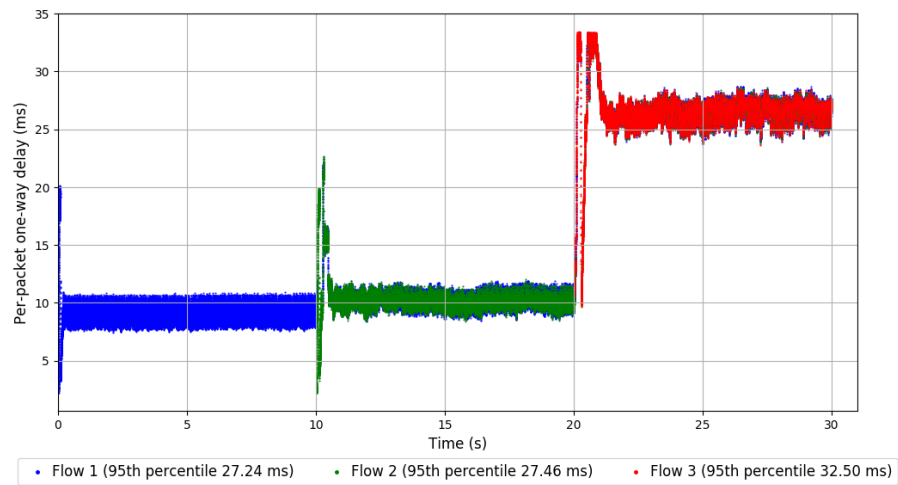
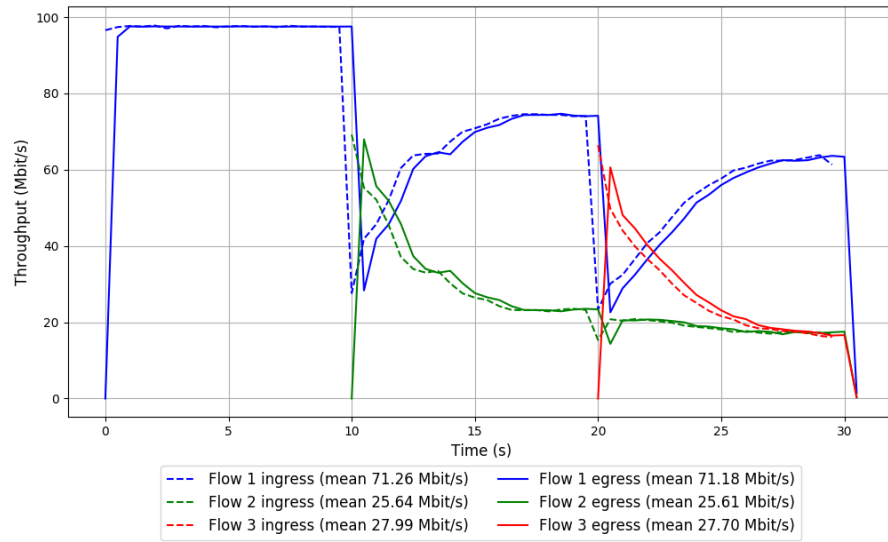


Run 8: Statistics of TCP BBR

Start at: 2018-08-01 10:06:50
End at: 2018-08-01 10:07:20
Local clock offset: -6.256 ms
Remote clock offset: -7.695 ms

Below is generated by plot.py at 2018-08-01 10:58:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 27.464 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 71.18 Mbit/s
95th percentile per-packet one-way delay: 27.240 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 27.457 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 27.70 Mbit/s
95th percentile per-packet one-way delay: 32.499 ms
Loss rate: 0.85%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-08-01 10:26:02

End at: 2018-08-01 10:26:32

Local clock offset: -4.818 ms

Remote clock offset: -7.66 ms

Below is generated by plot.py at 2018-08-01 10:59:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 29.816 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 72.97 Mbit/s

95th percentile per-packet one-way delay: 29.893 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.97 Mbit/s

95th percentile per-packet one-way delay: 28.237 ms

Loss rate: 0.00%

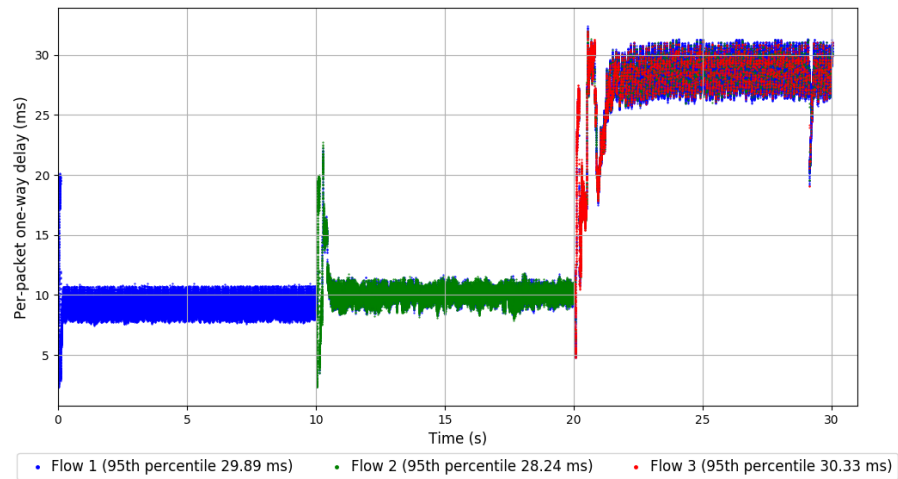
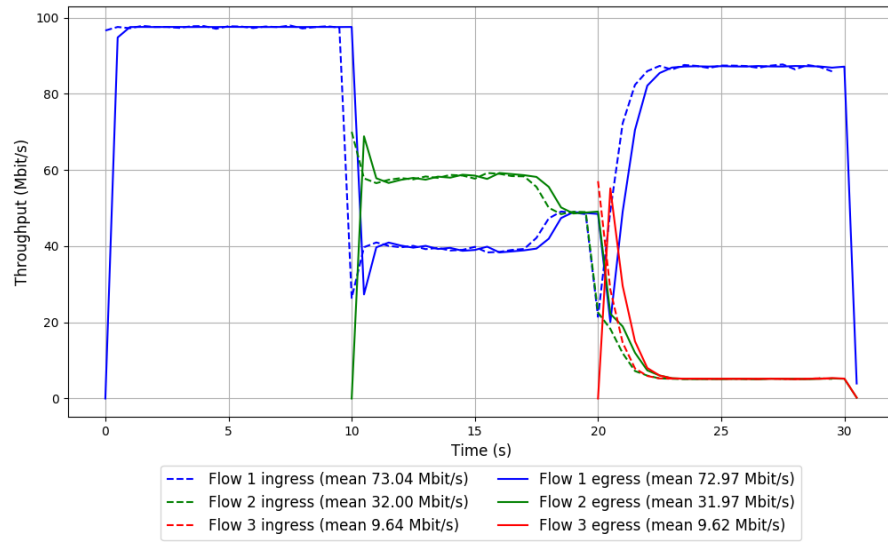
-- Flow 3:

Average throughput: 9.62 Mbit/s

95th percentile per-packet one-way delay: 30.328 ms

Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

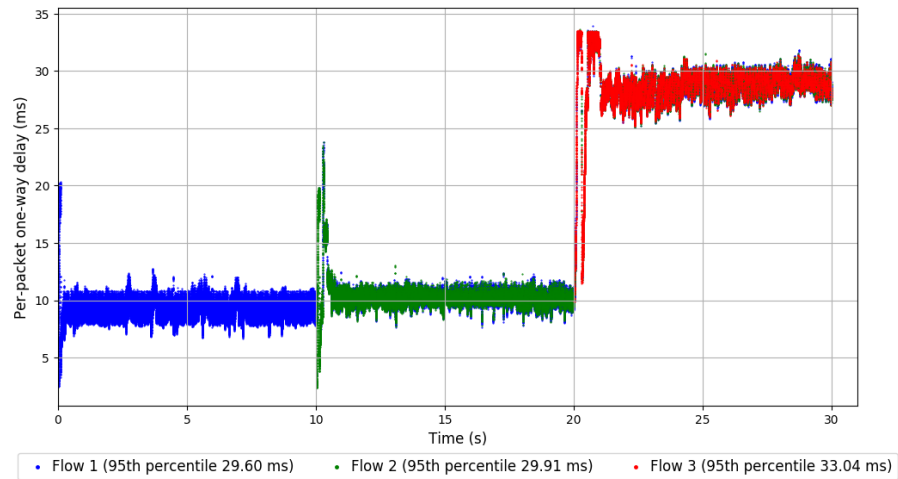
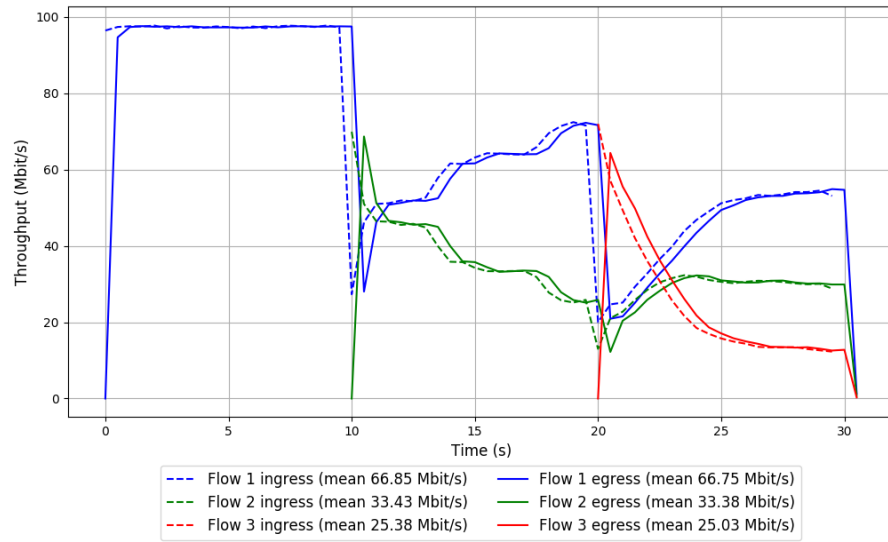


Run 10: Statistics of TCP BBR

Start at: 2018-08-01 10:45:13
End at: 2018-08-01 10:45:43
Local clock offset: -2.932 ms
Remote clock offset: -6.834 ms

Below is generated by plot.py at 2018-08-01 10:59:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 29.896 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 66.75 Mbit/s
95th percentile per-packet one-way delay: 29.596 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 33.38 Mbit/s
95th percentile per-packet one-way delay: 29.914 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 25.03 Mbit/s
95th percentile per-packet one-way delay: 33.044 ms
Loss rate: 1.21%

Run 10: Report of TCP BBR — Data Link

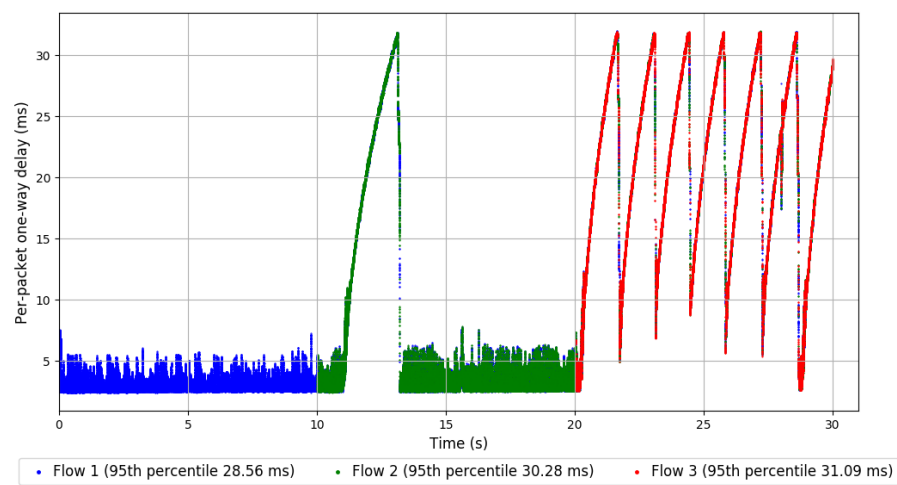
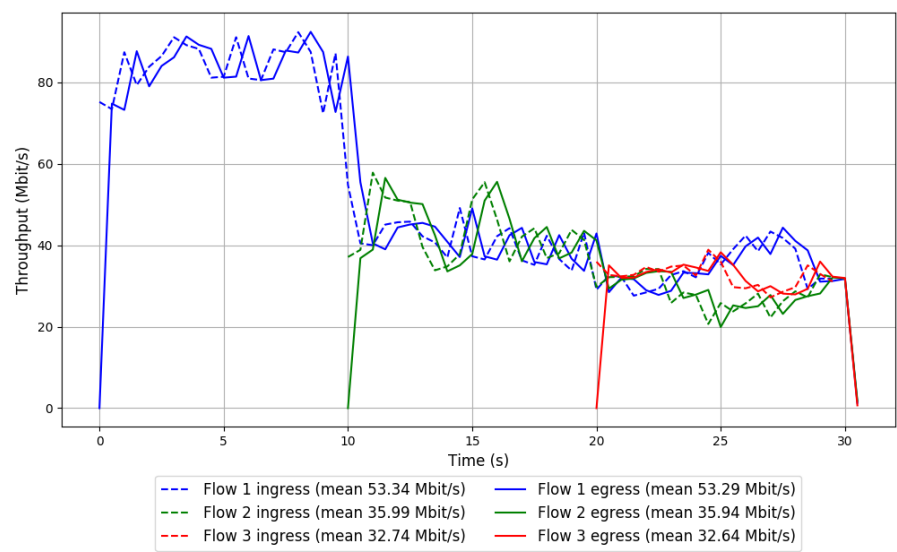


Run 1: Statistics of Copa

Start at: 2018-08-01 07:56:53
End at: 2018-08-01 07:57:23
Local clock offset: 7.207 ms
Remote clock offset: -5.758 ms

Below is generated by plot.py at 2018-08-01 11:00:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 29.840 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.29 Mbit/s
95th percentile per-packet one-way delay: 28.564 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: 30.282 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 32.64 Mbit/s
95th percentile per-packet one-way delay: 31.085 ms
Loss rate: 0.02%

Run 1: Report of Copa — Data Link

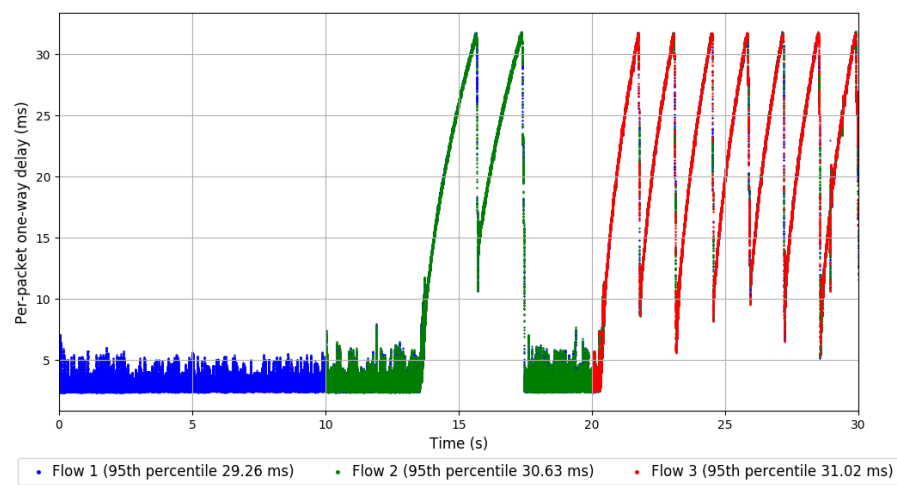
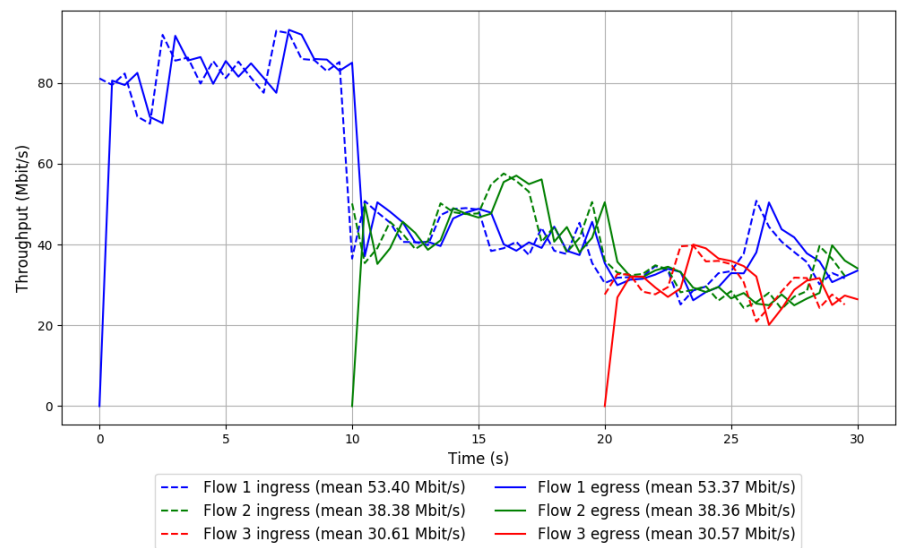


Run 2: Statistics of Copa

Start at: 2018-08-01 08:16:04
End at: 2018-08-01 08:16:34
Local clock offset: 10.005 ms
Remote clock offset: -7.474 ms

Below is generated by plot.py at 2018-08-01 11:00:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.09 Mbit/s
95th percentile per-packet one-way delay: 30.214 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.37 Mbit/s
95th percentile per-packet one-way delay: 29.257 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 38.36 Mbit/s
95th percentile per-packet one-way delay: 30.626 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 31.017 ms
Loss rate: 0.03%

Run 2: Report of Copa — Data Link

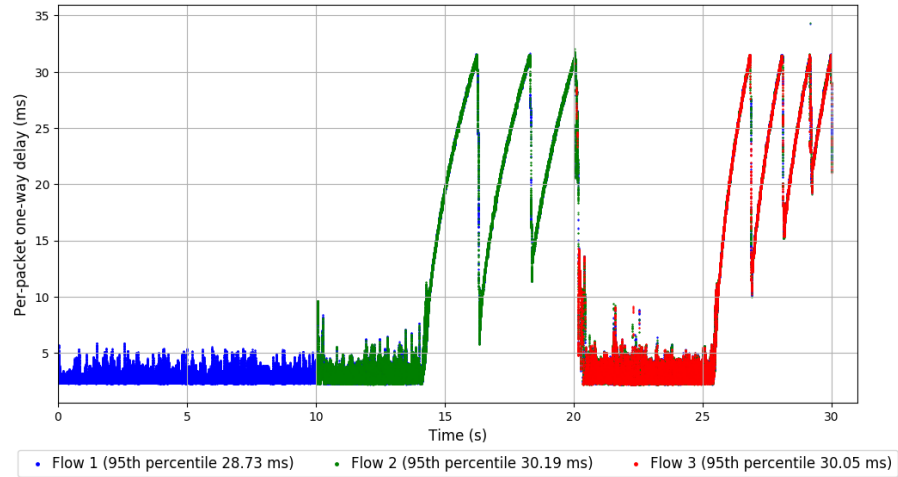
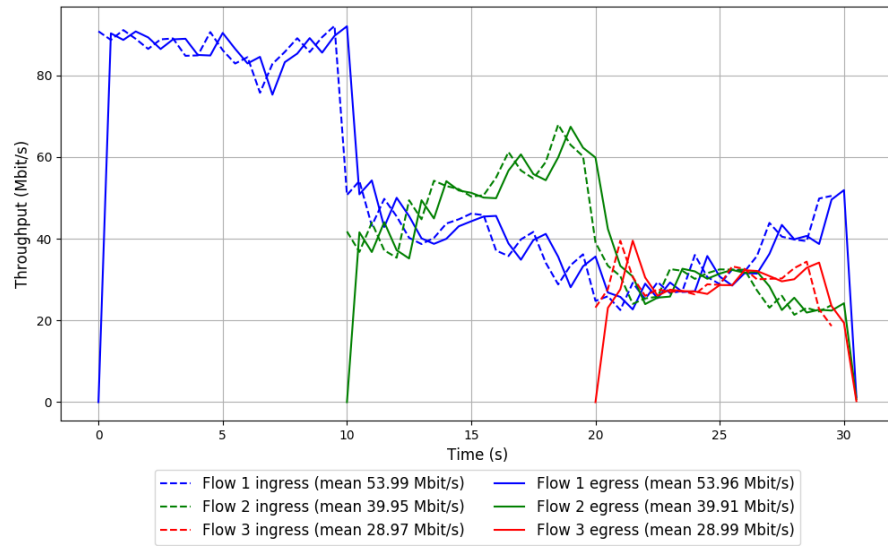


Run 3: Statistics of Copa

Start at: 2018-08-01 08:35:17
End at: 2018-08-01 08:35:47
Local clock offset: 8.432 ms
Remote clock offset: -6.831 ms

Below is generated by plot.py at 2018-08-01 11:00:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.17 Mbit/s
95th percentile per-packet one-way delay: 29.539 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.96 Mbit/s
95th percentile per-packet one-way delay: 28.731 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 30.190 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 28.99 Mbit/s
95th percentile per-packet one-way delay: 30.053 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

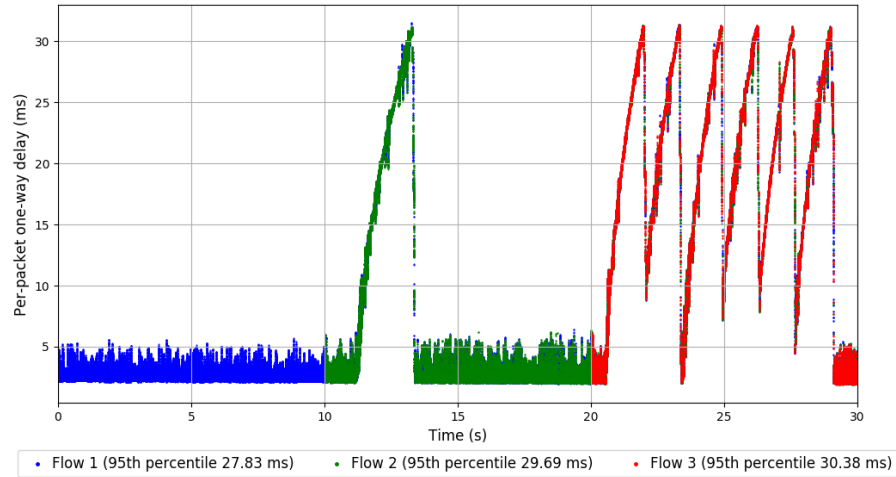
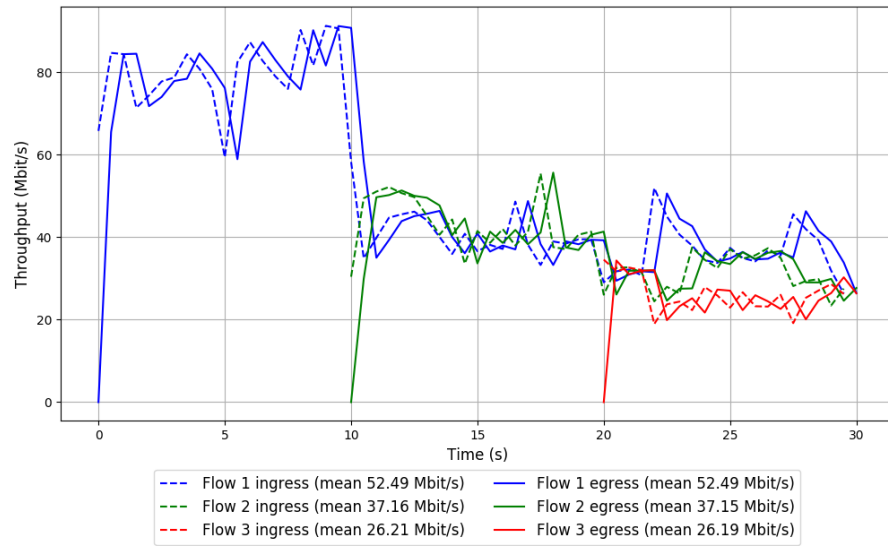


Run 4: Statistics of Copa

Start at: 2018-08-01 08:54:30
End at: 2018-08-01 08:55:00
Local clock offset: 8.521 ms
Remote clock offset: -6.392 ms

Below is generated by plot.py at 2018-08-01 11:00:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.94 Mbit/s
95th percentile per-packet one-way delay: 29.122 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.49 Mbit/s
95th percentile per-packet one-way delay: 27.827 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 37.15 Mbit/s
95th percentile per-packet one-way delay: 29.691 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 30.375 ms
Loss rate: 0.06%

Run 4: Report of Copa — Data Link

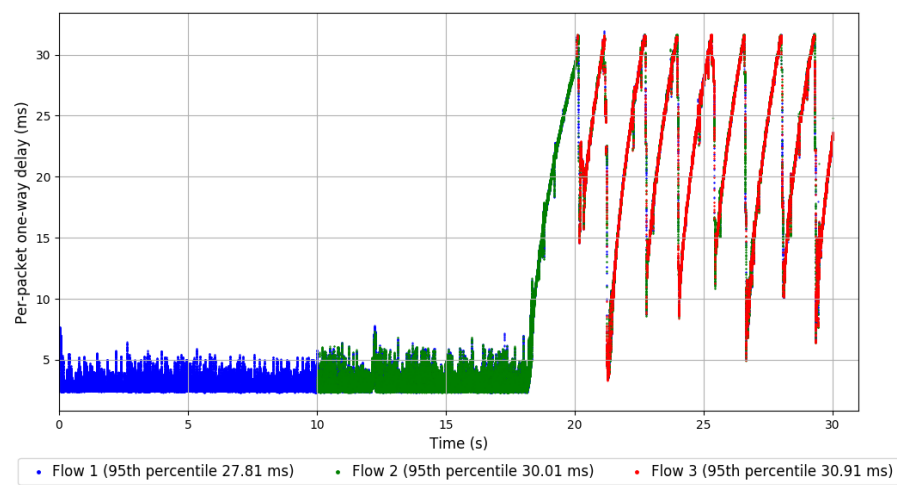
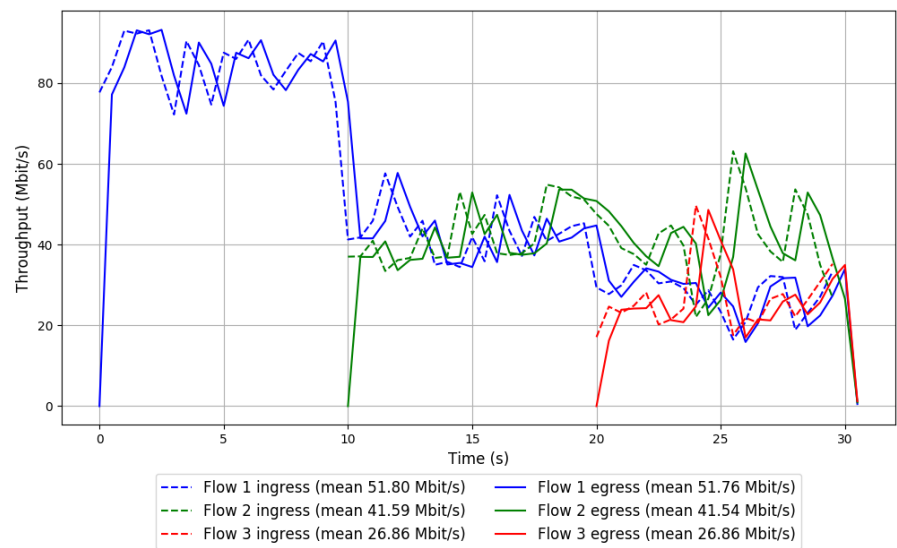


Run 5: Statistics of Copa

Start at: 2018-08-01 09:13:41
End at: 2018-08-01 09:14:11
Local clock offset: 9.475 ms
Remote clock offset: -1.176 ms

Below is generated by plot.py at 2018-08-01 11:00:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.36 Mbit/s
95th percentile per-packet one-way delay: 29.495 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 51.76 Mbit/s
95th percentile per-packet one-way delay: 27.806 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 41.54 Mbit/s
95th percentile per-packet one-way delay: 30.006 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 30.912 ms
Loss rate: 0.06%

Run 5: Report of Copa — Data Link

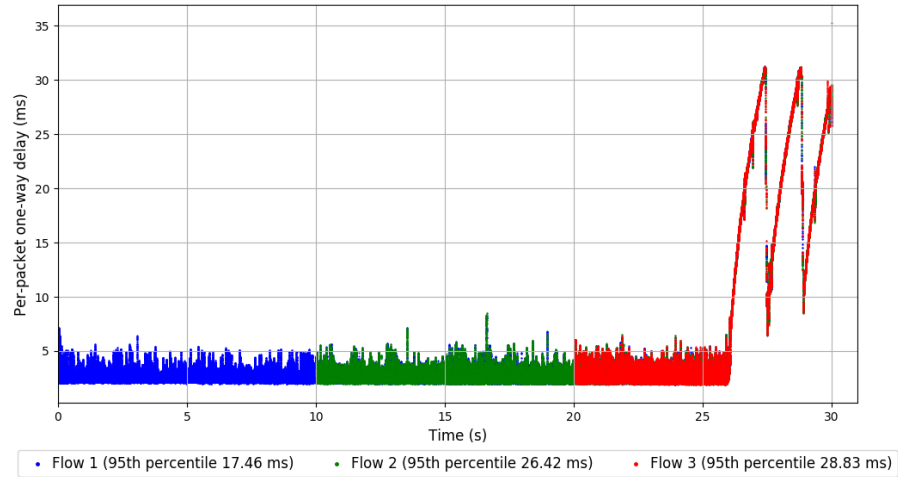
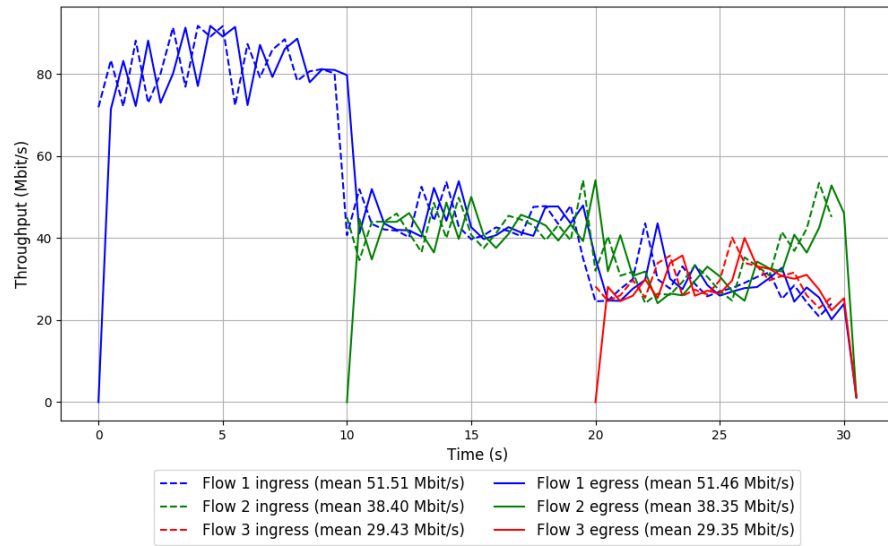


Run 6: Statistics of Copa

Start at: 2018-08-01 09:32:54
End at: 2018-08-01 09:33:24
Local clock offset: -4.009 ms
Remote clock offset: -3.165 ms

Below is generated by plot.py at 2018-08-01 11:00:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 24.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.46 Mbit/s
95th percentile per-packet one-way delay: 17.462 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.35 Mbit/s
95th percentile per-packet one-way delay: 26.420 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 28.826 ms
Loss rate: 0.01%

Run 6: Report of Copa — Data Link

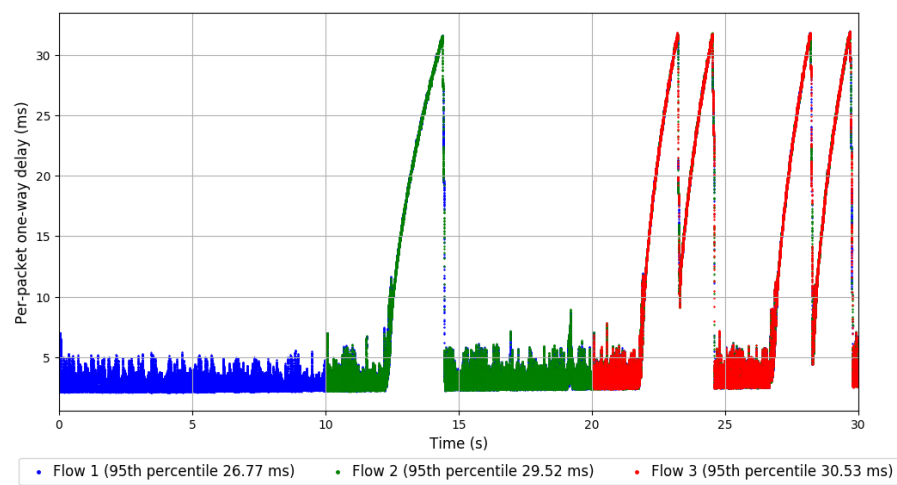
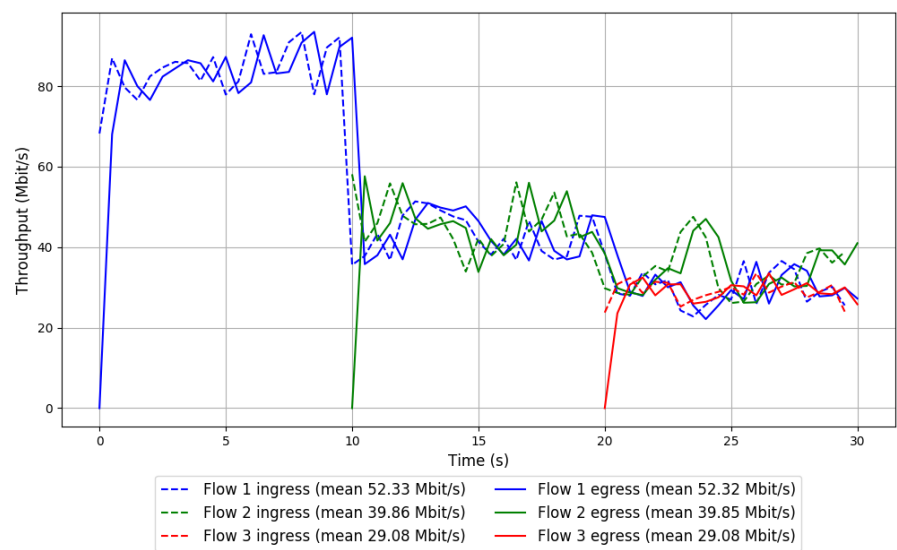


Run 7: Statistics of Copa

Start at: 2018-08-01 09:52:06
End at: 2018-08-01 09:52:36
Local clock offset: -12.511 ms
Remote clock offset: -7.395 ms

Below is generated by plot.py at 2018-08-01 11:01:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.53 Mbit/s
95th percentile per-packet one-way delay: 28.814 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.32 Mbit/s
95th percentile per-packet one-way delay: 26.769 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 29.523 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 29.08 Mbit/s
95th percentile per-packet one-way delay: 30.534 ms
Loss rate: 0.02%

Run 7: Report of Copa — Data Link

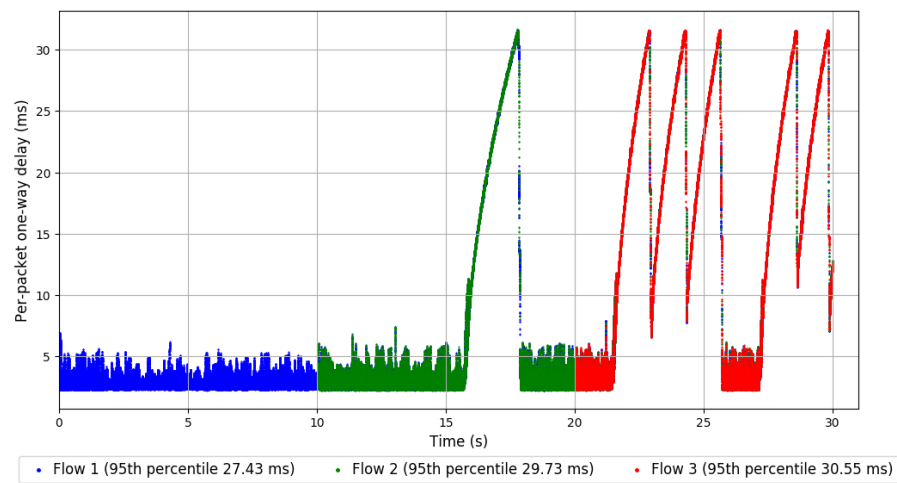
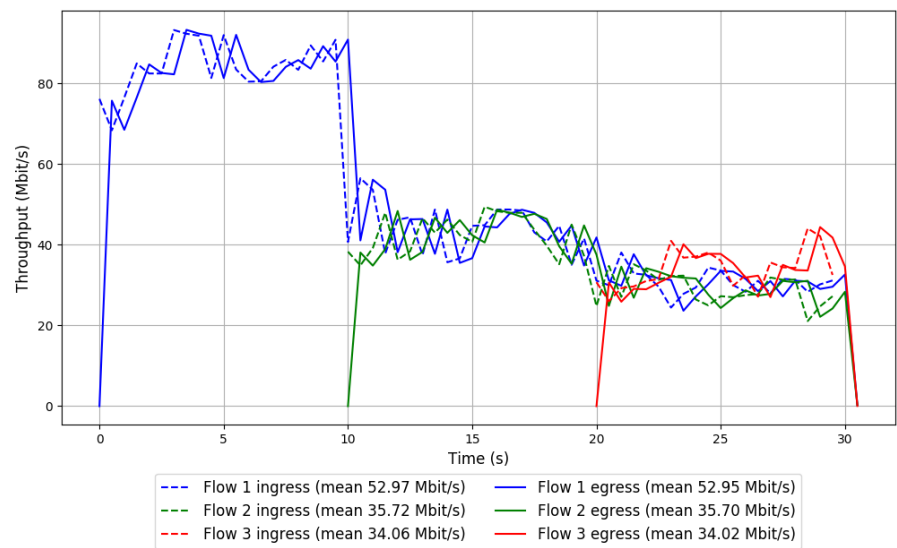


Run 8: Statistics of Copa

Start at: 2018-08-01 10:11:18
End at: 2018-08-01 10:11:48
Local clock offset: -5.893 ms
Remote clock offset: -7.518 ms

Below is generated by plot.py at 2018-08-01 11:01:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.06 Mbit/s
95th percentile per-packet one-way delay: 29.151 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.95 Mbit/s
95th percentile per-packet one-way delay: 27.430 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.70 Mbit/s
95th percentile per-packet one-way delay: 29.725 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 34.02 Mbit/s
95th percentile per-packet one-way delay: 30.545 ms
Loss rate: 0.02%

Run 8: Report of Copa — Data Link

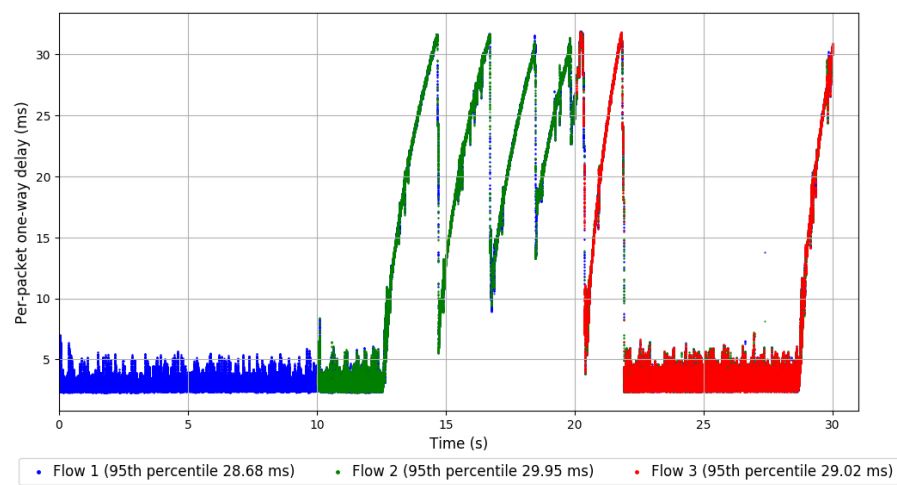
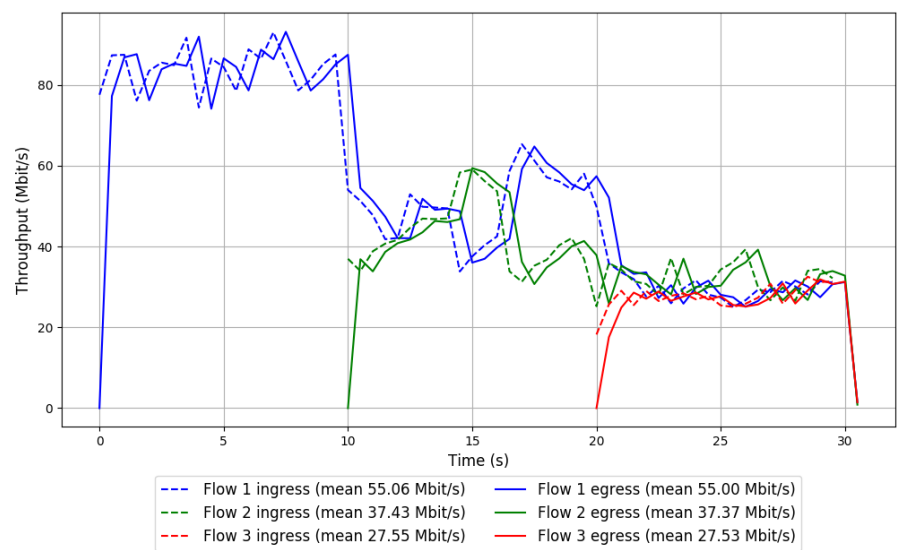


Run 9: Statistics of Copa

Start at: 2018-08-01 10:30:30
End at: 2018-08-01 10:31:00
Local clock offset: -3.847 ms
Remote clock offset: -7.588 ms

Below is generated by plot.py at 2018-08-01 11:02:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.05 Mbit/s
95th percentile per-packet one-way delay: 29.286 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 55.00 Mbit/s
95th percentile per-packet one-way delay: 28.684 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.37 Mbit/s
95th percentile per-packet one-way delay: 29.952 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 27.53 Mbit/s
95th percentile per-packet one-way delay: 29.022 ms
Loss rate: 0.04%

Run 9: Report of Copa — Data Link

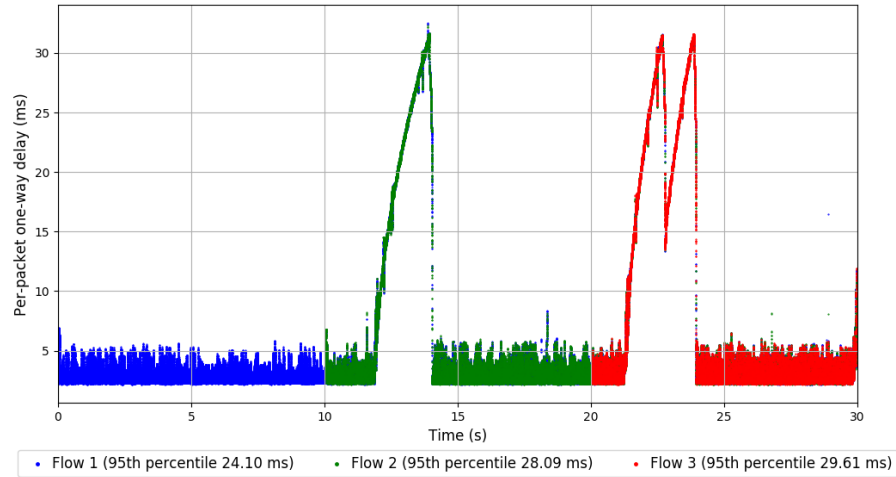
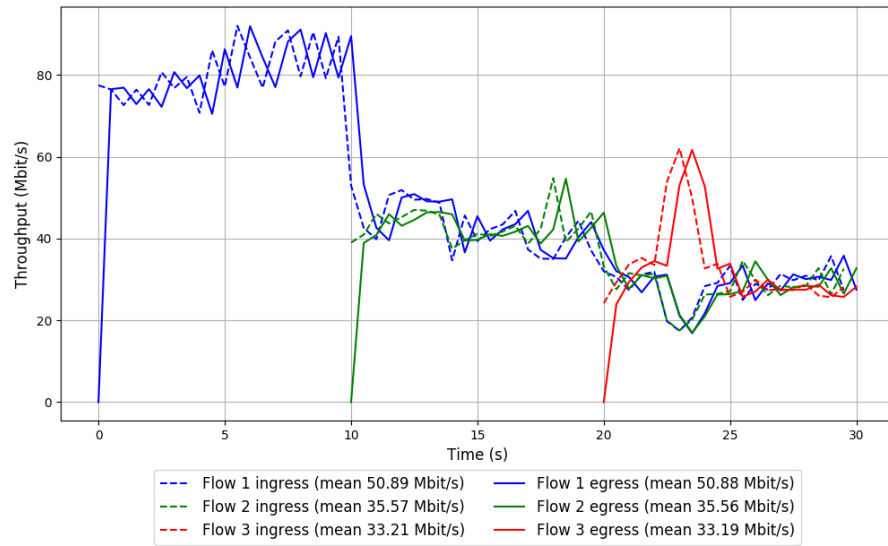


Run 10: Statistics of Copa

Start at: 2018-08-01 10:49:41
End at: 2018-08-01 10:50:11
Local clock offset: -2.842 ms
Remote clock offset: -6.768 ms

Below is generated by plot.py at 2018-08-01 11:02:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.60 Mbit/s
95th percentile per-packet one-way delay: 27.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.88 Mbit/s
95th percentile per-packet one-way delay: 24.099 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.56 Mbit/s
95th percentile per-packet one-way delay: 28.091 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 29.610 ms
Loss rate: 0.01%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-08-01 07:44:38

End at: 2018-08-01 07:45:08

Local clock offset: 5.822 ms

Remote clock offset: -1.48 ms

Below is generated by plot.py at 2018-08-01 11:02:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.51 Mbit/s

95th percentile per-packet one-way delay: 31.257 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 68.32 Mbit/s

95th percentile per-packet one-way delay: 31.214 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 31.14 Mbit/s

95th percentile per-packet one-way delay: 31.453 ms

Loss rate: 0.07%

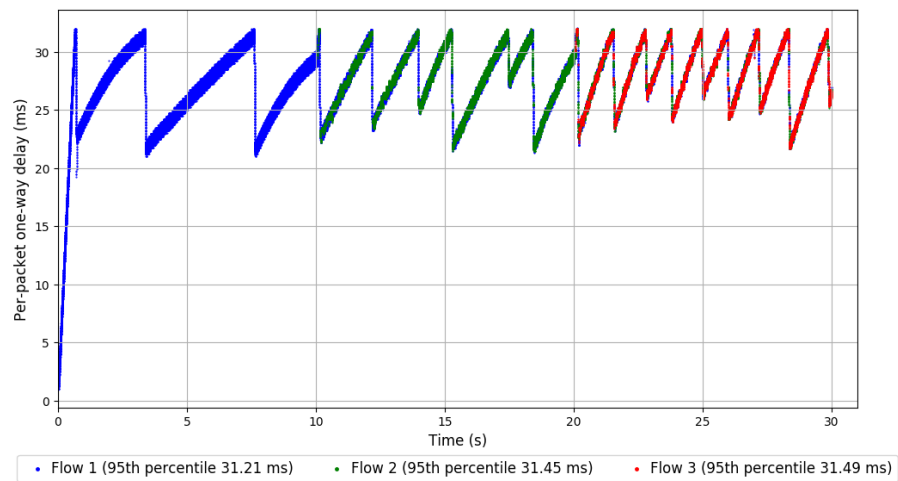
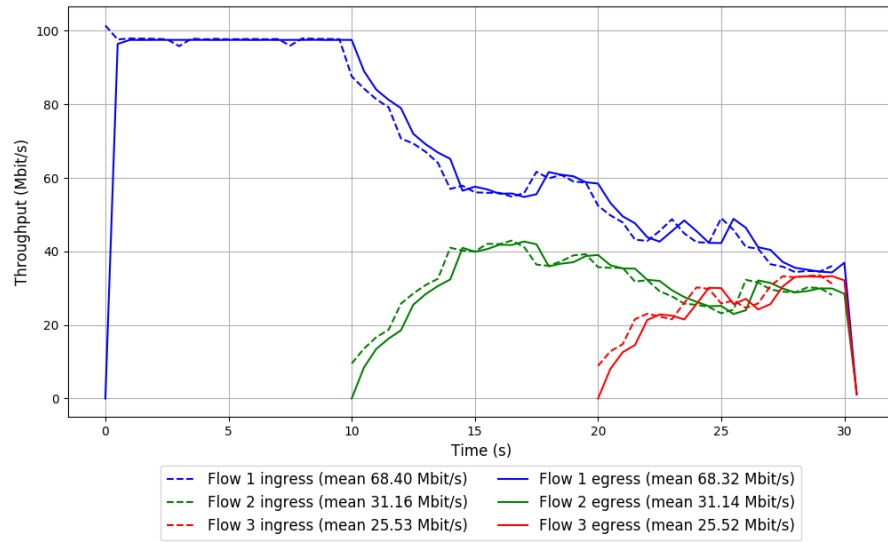
-- Flow 3:

Average throughput: 25.52 Mbit/s

95th percentile per-packet one-way delay: 31.488 ms

Loss rate: 0.10%

Run 1: Report of TCP Cubic — Data Link

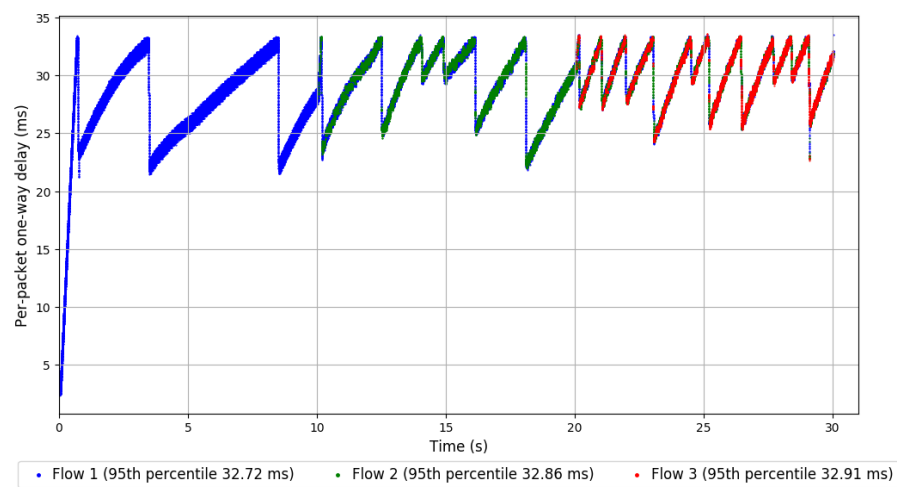
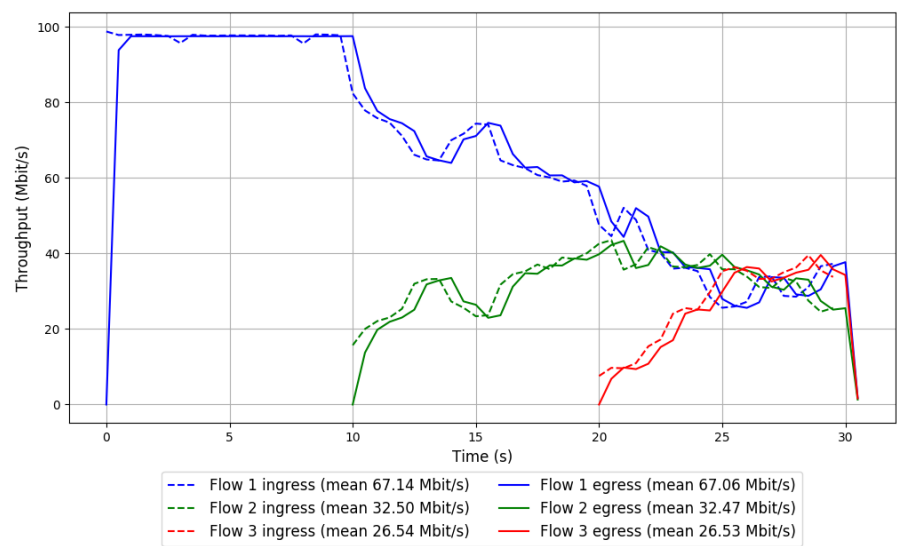


Run 2: Statistics of TCP Cubic

Start at: 2018-08-01 08:03:47
End at: 2018-08-01 08:04:17
Local clock offset: 8.506 ms
Remote clock offset: -6.766 ms

Below is generated by plot.py at 2018-08-01 11:02:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.794 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 67.06 Mbit/s
95th percentile per-packet one-way delay: 32.722 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 32.858 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 32.914 ms
Loss rate: 0.05%

Run 2: Report of TCP Cubic — Data Link

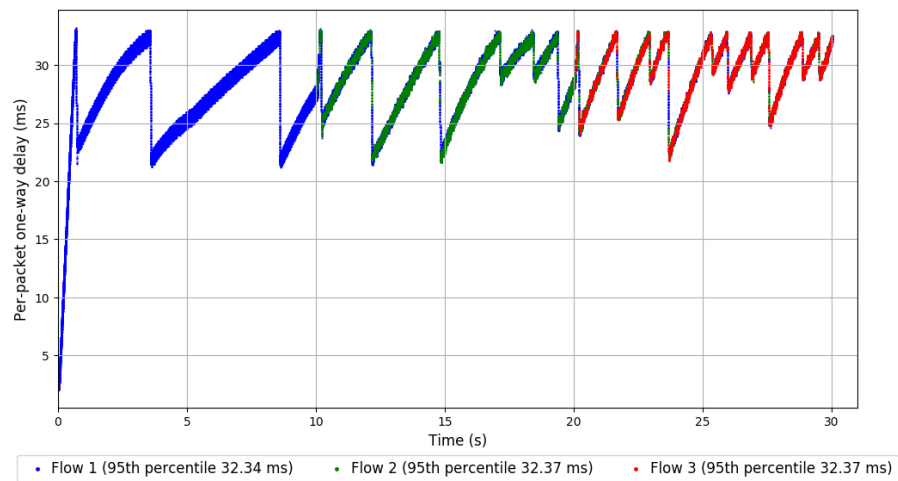
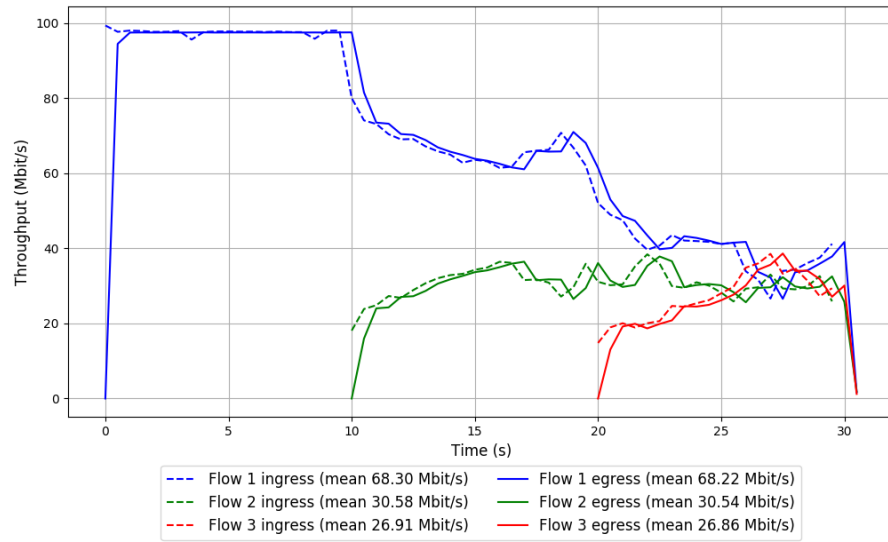


Run 3: Statistics of TCP Cubic

Start at: 2018-08-01 08:22:59
End at: 2018-08-01 08:23:29
Local clock offset: 10.514 ms
Remote clock offset: -7.382 ms

Below is generated by plot.py at 2018-08-01 11:02:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.350 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 68.22 Mbit/s
95th percentile per-packet one-way delay: 32.336 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 30.54 Mbit/s
95th percentile per-packet one-way delay: 32.371 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 32.371 ms
Loss rate: 0.15%

Run 3: Report of TCP Cubic — Data Link

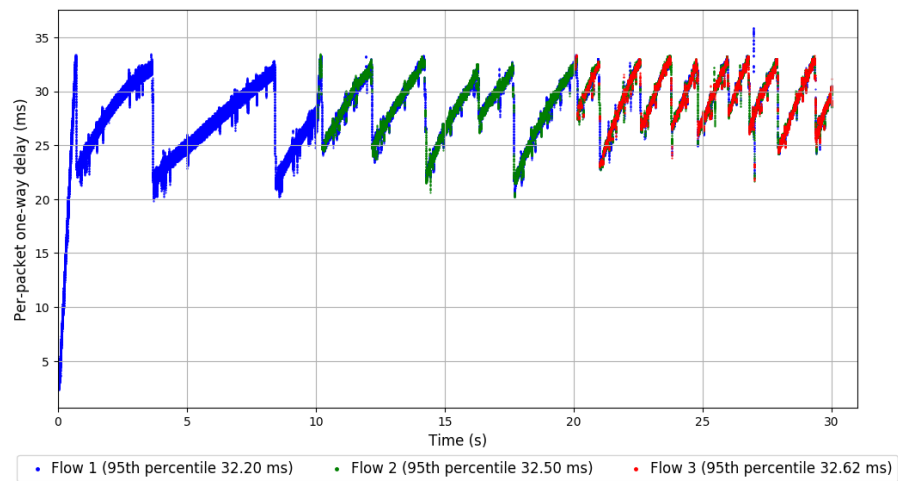
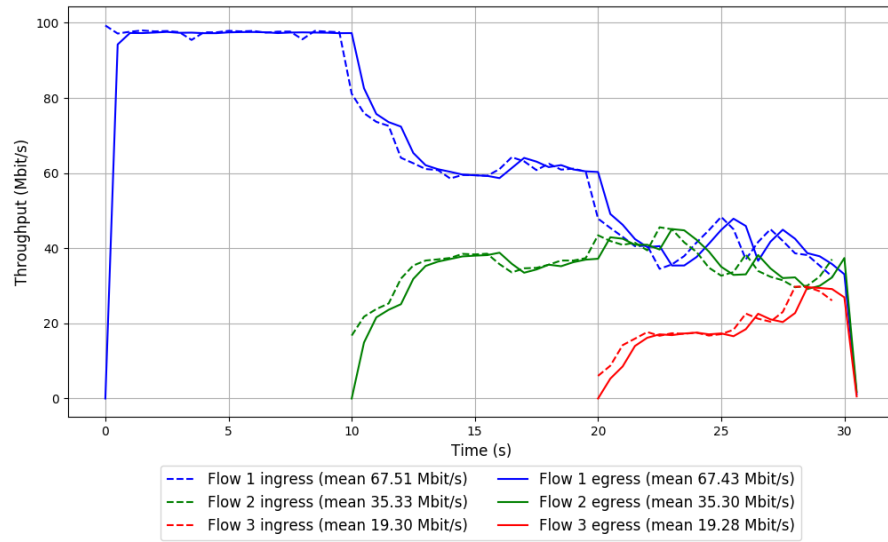


Run 4: Statistics of TCP Cubic

Start at: 2018-08-01 08:42:12
End at: 2018-08-01 08:42:42
Local clock offset: 8.238 ms
Remote clock offset: -6.756 ms

Below is generated by plot.py at 2018-08-01 11:02:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.32 Mbit/s
95th percentile per-packet one-way delay: 32.265 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 67.43 Mbit/s
95th percentile per-packet one-way delay: 32.202 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 35.30 Mbit/s
95th percentile per-packet one-way delay: 32.498 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 19.28 Mbit/s
95th percentile per-packet one-way delay: 32.622 ms
Loss rate: 0.10%

Run 4: Report of TCP Cubic — Data Link

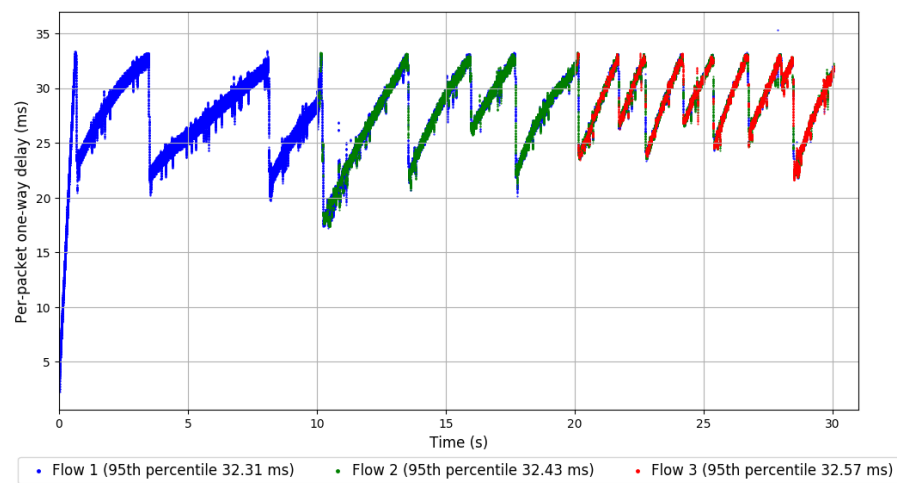
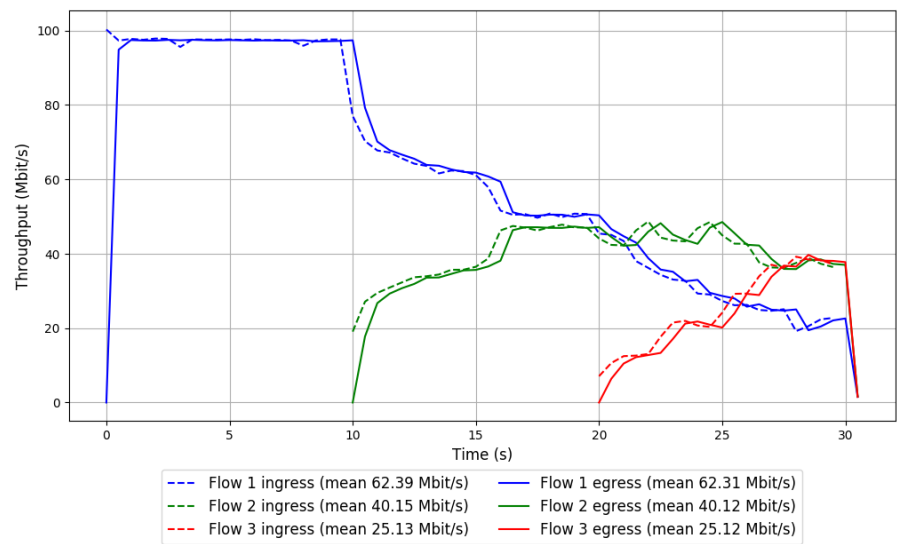


Run 5: Statistics of TCP Cubic

Start at: 2018-08-01 09:01:24
End at: 2018-08-01 09:01:54
Local clock offset: 8.89 ms
Remote clock offset: -3.571 ms

Below is generated by plot.py at 2018-08-01 11:02:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 32.362 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.31 Mbit/s
95th percentile per-packet one-way delay: 32.310 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 40.12 Mbit/s
95th percentile per-packet one-way delay: 32.427 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 25.12 Mbit/s
95th percentile per-packet one-way delay: 32.569 ms
Loss rate: 0.05%

Run 5: Report of TCP Cubic — Data Link

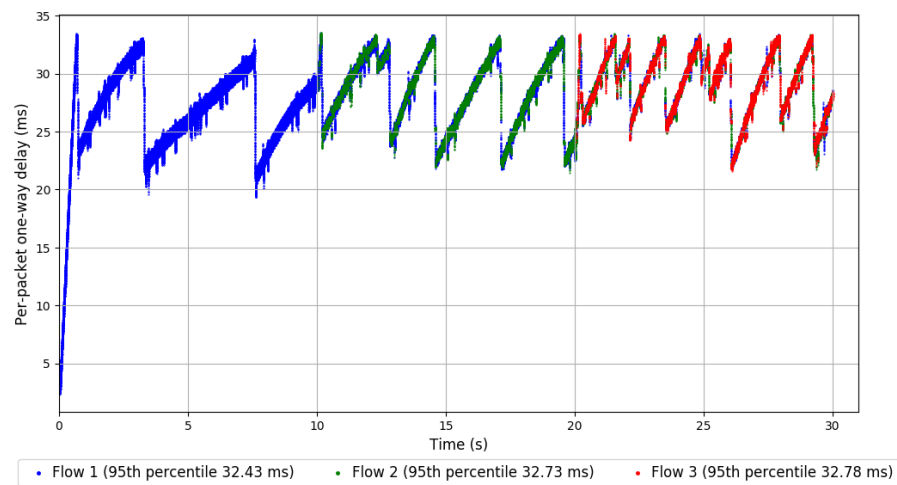
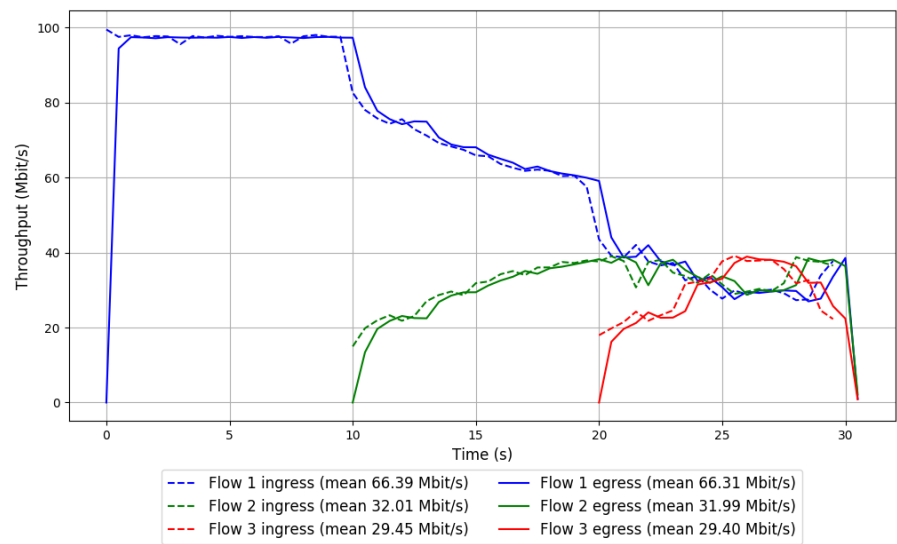


Run 6: Statistics of TCP Cubic

Start at: 2018-08-01 09:20:35
End at: 2018-08-01 09:21:05
Local clock offset: 9.817 ms
Remote clock offset: -0.433 ms

Below is generated by plot.py at 2018-08-01 11:02:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 32.537 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 66.31 Mbit/s
95th percentile per-packet one-way delay: 32.426 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 32.733 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.40 Mbit/s
95th percentile per-packet one-way delay: 32.781 ms
Loss rate: 0.15%

Run 6: Report of TCP Cubic — Data Link

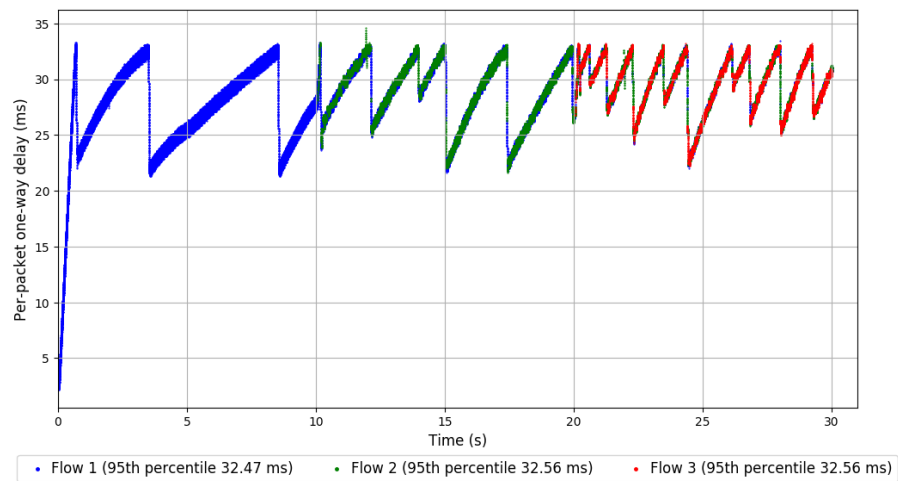
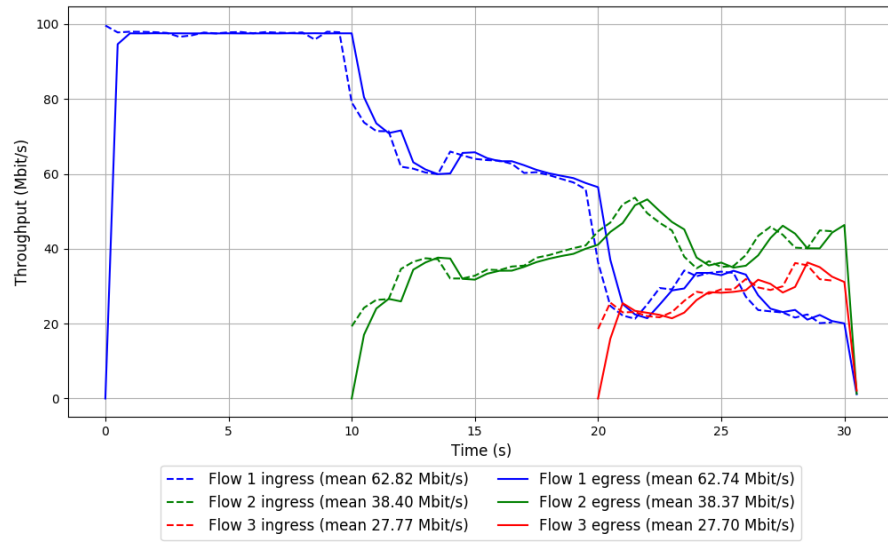


Run 7: Statistics of TCP Cubic

Start at: 2018-08-01 09:39:48
End at: 2018-08-01 09:40:18
Local clock offset: -8.313 ms
Remote clock offset: -5.587 ms

Below is generated by plot.py at 2018-08-01 11:02:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.518 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 62.74 Mbit/s
95th percentile per-packet one-way delay: 32.470 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.37 Mbit/s
95th percentile per-packet one-way delay: 32.565 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 27.70 Mbit/s
95th percentile per-packet one-way delay: 32.565 ms
Loss rate: 0.20%

Run 7: Report of TCP Cubic — Data Link

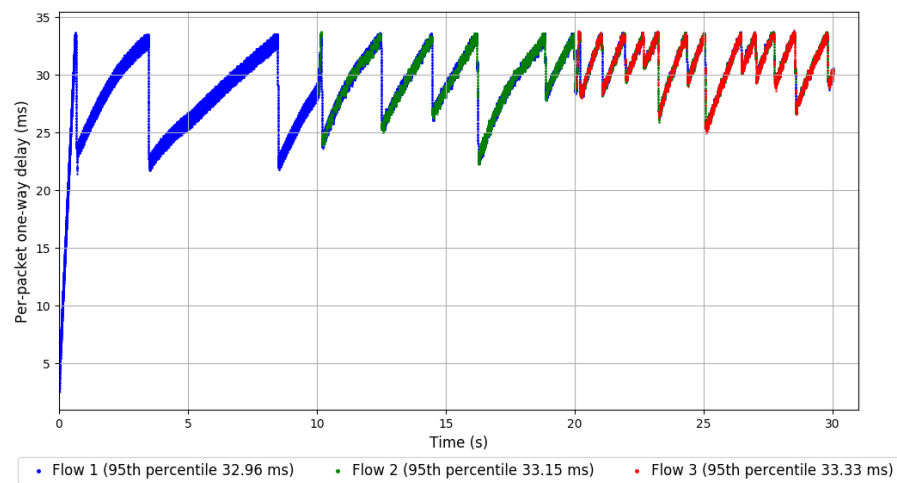
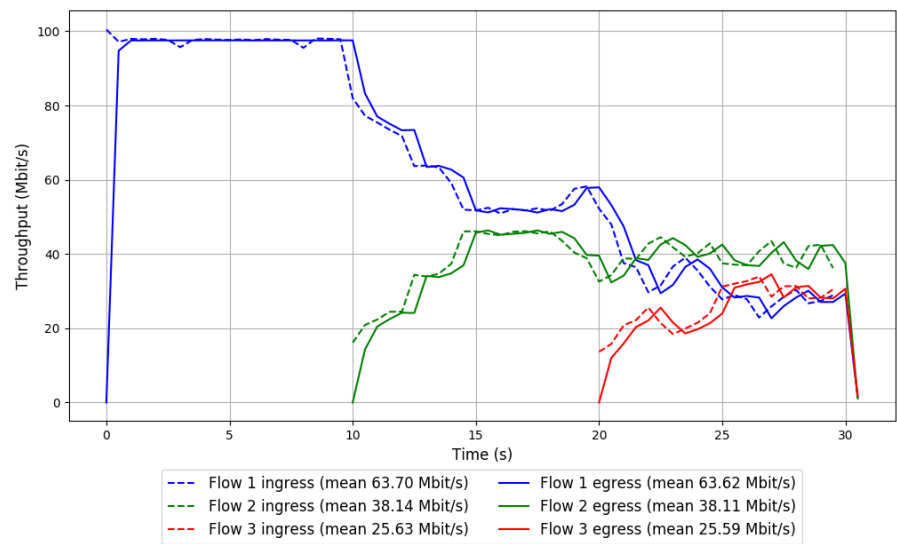


Run 8: Statistics of TCP Cubic

Start at: 2018-08-01 09:59:00
End at: 2018-08-01 09:59:30
Local clock offset: -8.296 ms
Remote clock offset: -7.729 ms

Below is generated by plot.py at 2018-08-01 11:02:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 33.088 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 63.62 Mbit/s
95th percentile per-packet one-way delay: 32.957 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.11 Mbit/s
95th percentile per-packet one-way delay: 33.152 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 25.59 Mbit/s
95th percentile per-packet one-way delay: 33.325 ms
Loss rate: 0.14%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-08-01 10:18:12

End at: 2018-08-01 10:18:42

Local clock offset: -5.842 ms

Remote clock offset: -7.5 ms

Below is generated by plot.py at 2018-08-01 11:03:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 32.648 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 66.53 Mbit/s

95th percentile per-packet one-way delay: 32.573 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 35.55 Mbit/s

95th percentile per-packet one-way delay: 32.704 ms

Loss rate: 0.08%

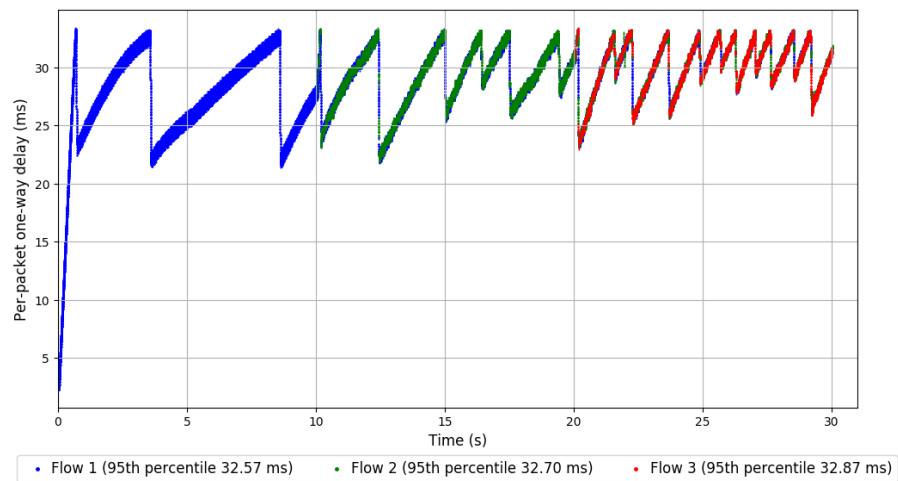
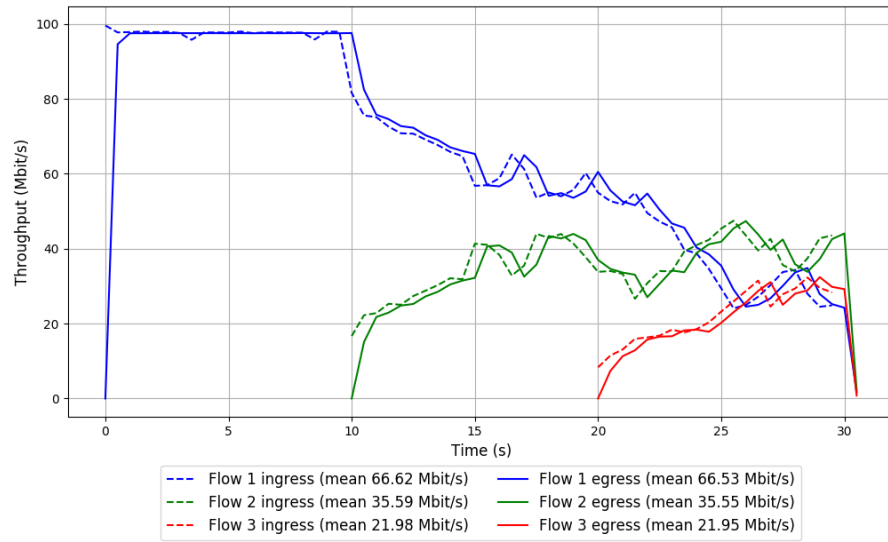
-- Flow 3:

Average throughput: 21.95 Mbit/s

95th percentile per-packet one-way delay: 32.865 ms

Loss rate: 0.11%

Run 9: Report of TCP Cubic — Data Link

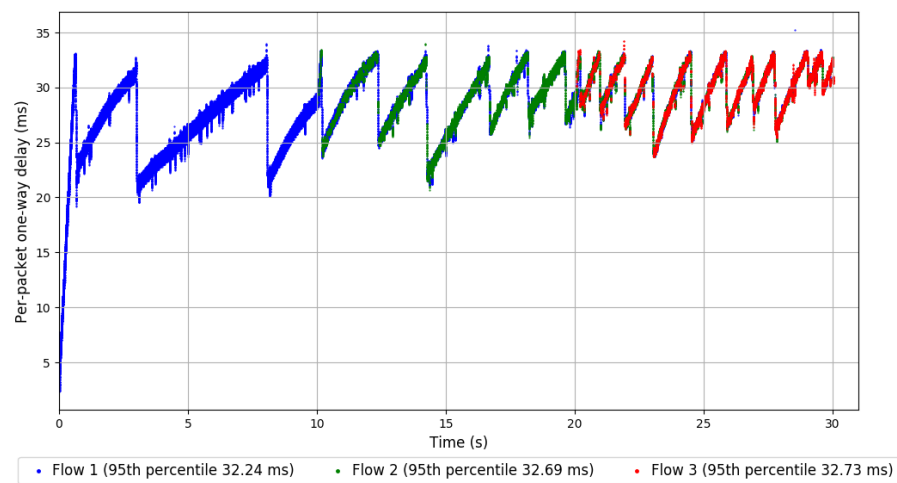
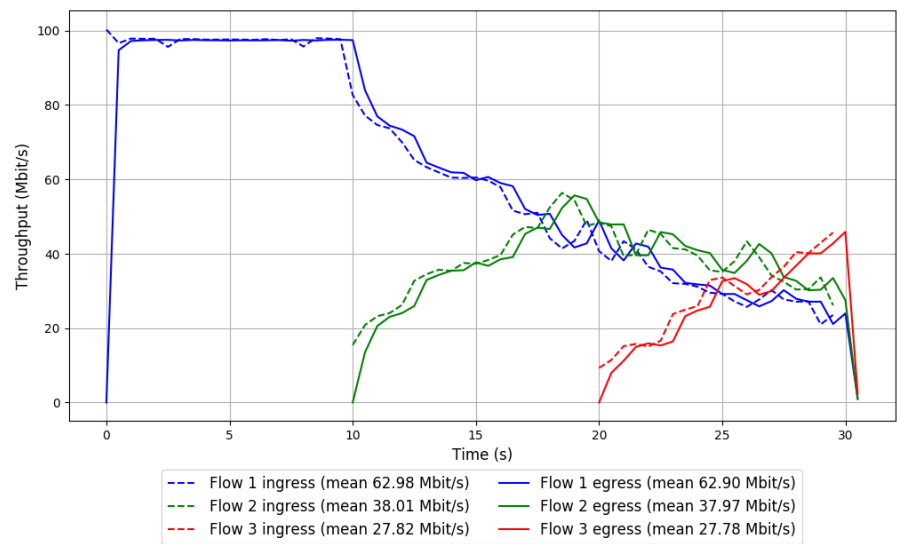


Run 10: Statistics of TCP Cubic

Start at: 2018-08-01 10:37:24
End at: 2018-08-01 10:37:54
Local clock offset: -3.129 ms
Remote clock offset: -7.448 ms

Below is generated by plot.py at 2018-08-01 11:03:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 32.476 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.90 Mbit/s
95th percentile per-packet one-way delay: 32.245 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.97 Mbit/s
95th percentile per-packet one-way delay: 32.690 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 27.78 Mbit/s
95th percentile per-packet one-way delay: 32.727 ms
Loss rate: 0.13%

Run 10: Report of TCP Cubic — Data Link

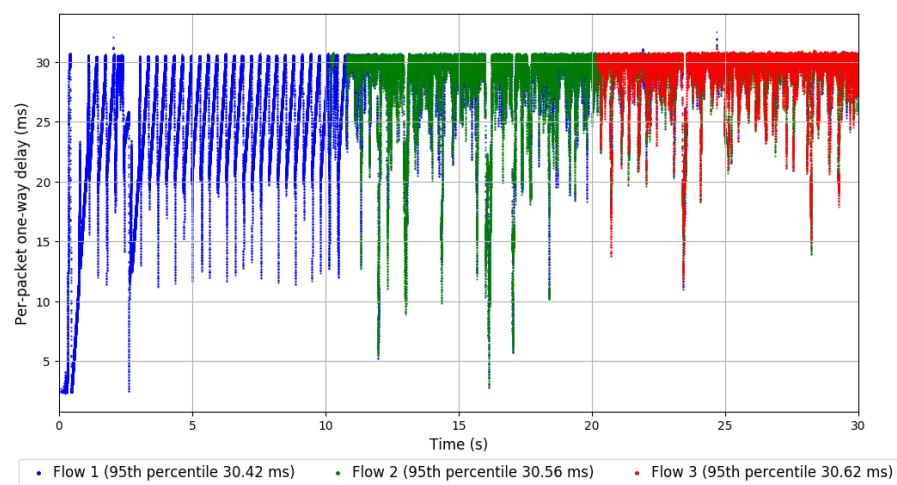
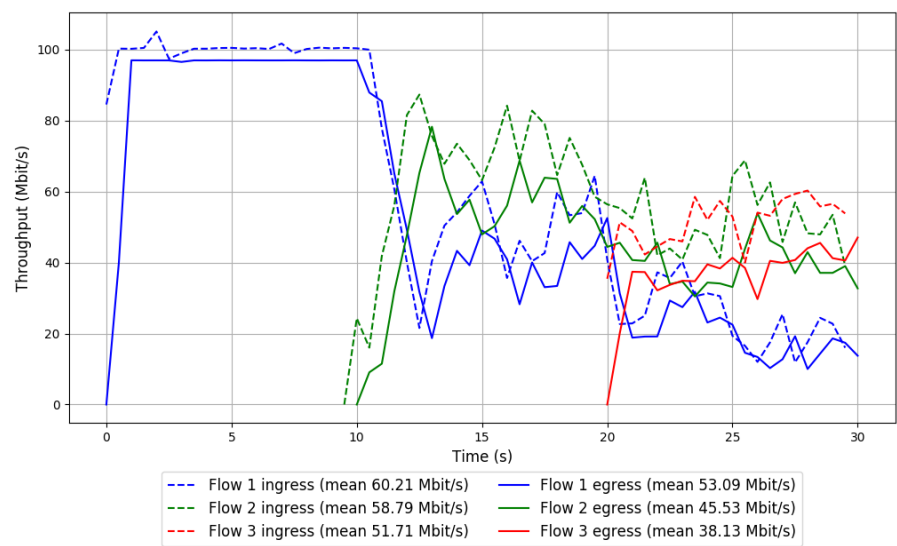


Run 1: Statistics of FillP

Start at: 2018-08-01 07:54:37
End at: 2018-08-01 07:55:07
Local clock offset: 6.631 ms
Remote clock offset: -5.363 ms

Below is generated by plot.py at 2018-08-01 11:03:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 30.522 ms
Loss rate: 17.51%
-- Flow 1:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 30.424 ms
Loss rate: 11.74%
-- Flow 2:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 30.560 ms
Loss rate: 22.54%
-- Flow 3:
Average throughput: 38.13 Mbit/s
95th percentile per-packet one-way delay: 30.621 ms
Loss rate: 26.26%

Run 1: Report of FillP — Data Link

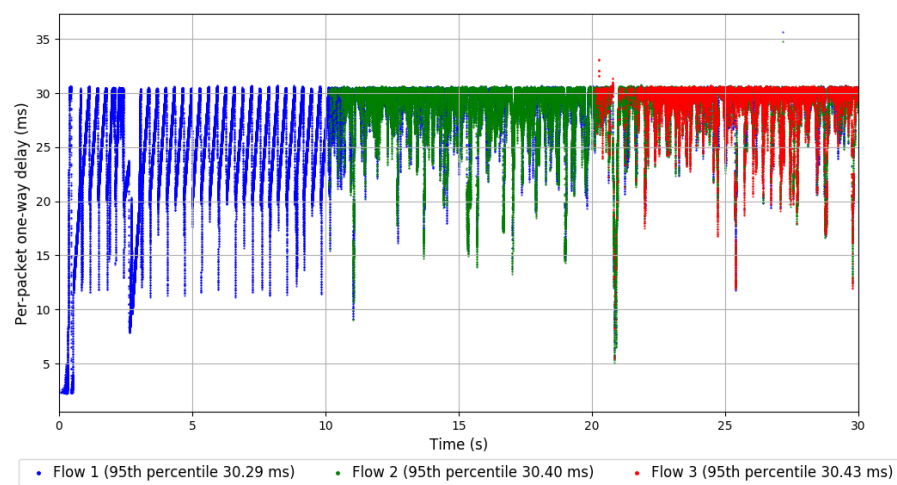
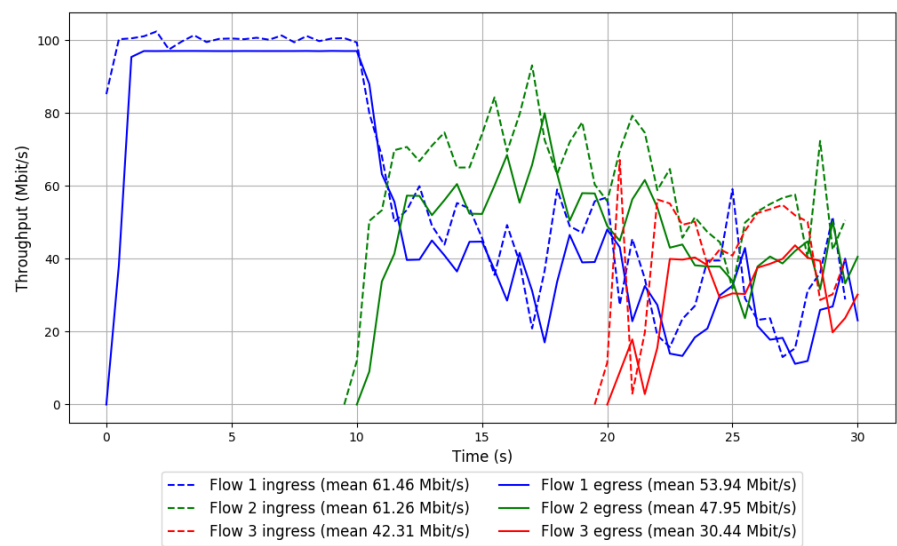


Run 2: Statistics of FillP

Start at: 2018-08-01 08:13:48
End at: 2018-08-01 08:14:18
Local clock offset: 9.756 ms
Remote clock offset: -7.432 ms

Below is generated by plot.py at 2018-08-01 11:04:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 30.364 ms
Loss rate: 17.43%
-- Flow 1:
Average throughput: 53.94 Mbit/s
95th percentile per-packet one-way delay: 30.289 ms
Loss rate: 12.16%
-- Flow 2:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 30.397 ms
Loss rate: 21.71%
-- Flow 3:
Average throughput: 30.44 Mbit/s
95th percentile per-packet one-way delay: 30.435 ms
Loss rate: 28.04%

Run 2: Report of FillP — Data Link

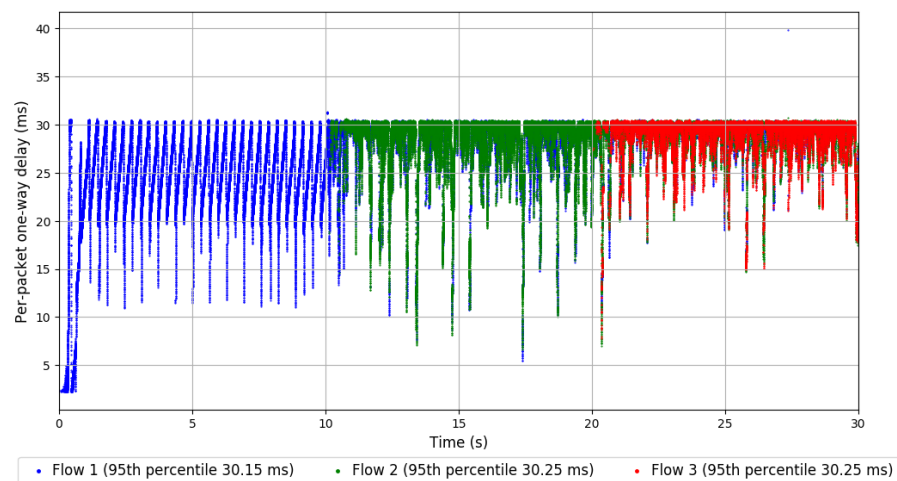
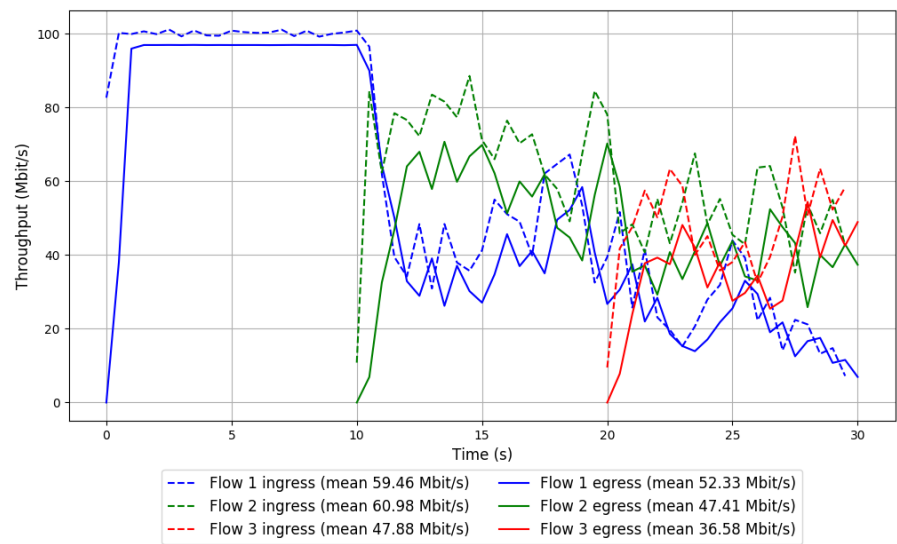


Run 3: Statistics of FillP

Start at: 2018-08-01 08:33:01
End at: 2018-08-01 08:33:31
Local clock offset: 8.593 ms
Remote clock offset: -6.858 ms

Below is generated by plot.py at 2018-08-01 11:04:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 30.214 ms
Loss rate: 17.14%
-- Flow 1:
Average throughput: 52.33 Mbit/s
95th percentile per-packet one-way delay: 30.148 ms
Loss rate: 11.92%
-- Flow 2:
Average throughput: 47.41 Mbit/s
95th percentile per-packet one-way delay: 30.255 ms
Loss rate: 22.25%
-- Flow 3:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 30.251 ms
Loss rate: 23.59%

Run 3: Report of FillP — Data Link

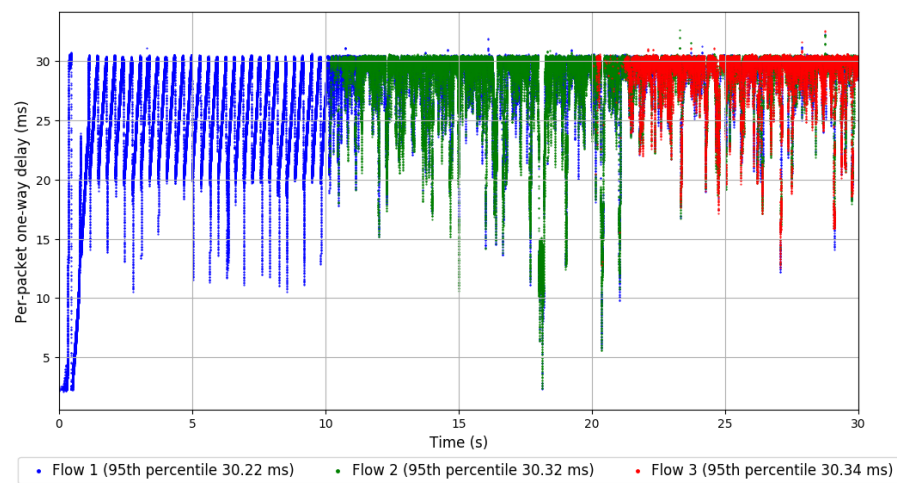
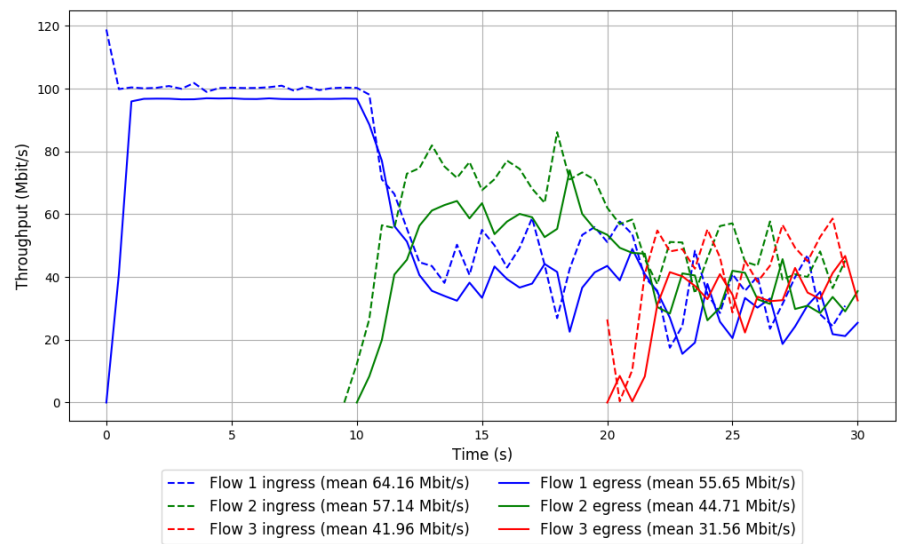


Run 4: Statistics of FillP

Start at: 2018-08-01 08:52:13
End at: 2018-08-01 08:52:43
Local clock offset: 8.392 ms
Remote clock offset: -6.801 ms

Below is generated by plot.py at 2018-08-01 11:04:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 30.280 ms
Loss rate: 17.38%
-- Flow 1:
Average throughput: 55.65 Mbit/s
95th percentile per-packet one-way delay: 30.220 ms
Loss rate: 13.18%
-- Flow 2:
Average throughput: 44.71 Mbit/s
95th percentile per-packet one-way delay: 30.318 ms
Loss rate: 21.74%
-- Flow 3:
Average throughput: 31.56 Mbit/s
95th percentile per-packet one-way delay: 30.339 ms
Loss rate: 24.77%

Run 4: Report of FillP — Data Link

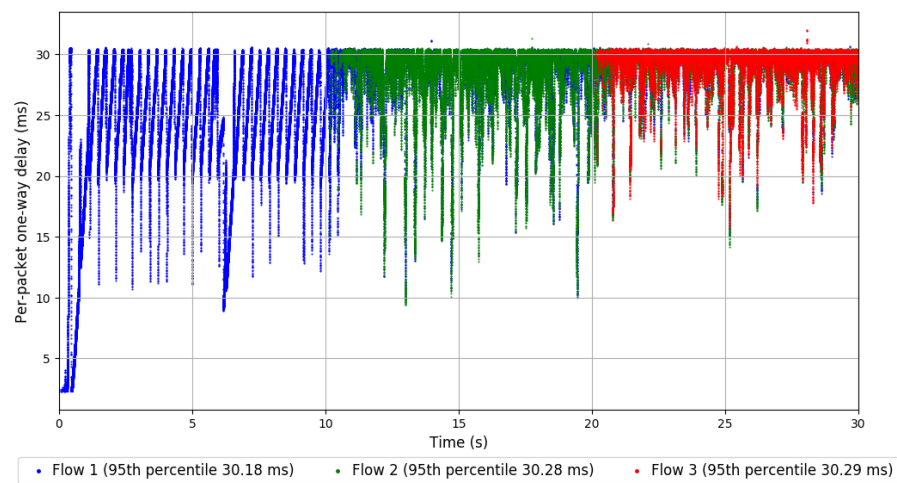
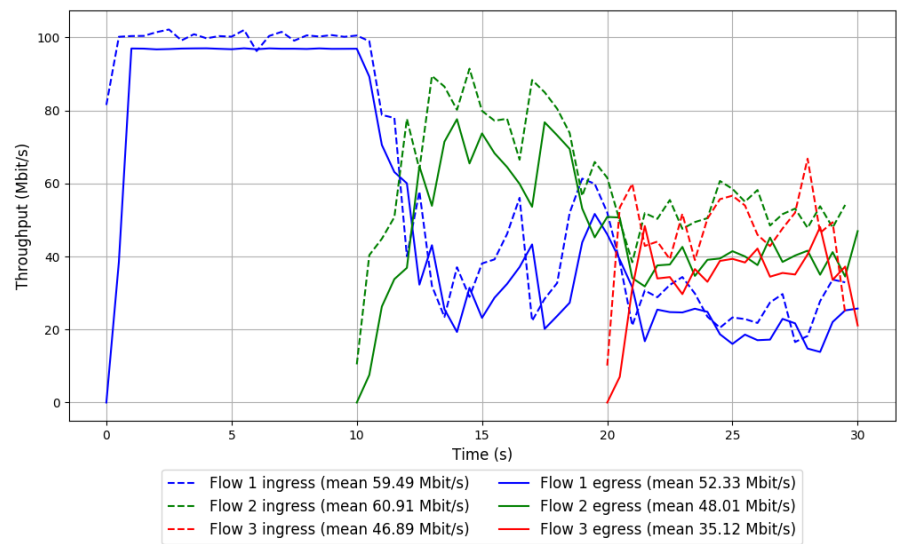


Run 5: Statistics of FillP

Start at: 2018-08-01 09:11:25
End at: 2018-08-01 09:11:55
Local clock offset: 9.442 ms
Remote clock offset: -1.486 ms

Below is generated by plot.py at 2018-08-01 11:04:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 30.243 ms
Loss rate: 16.96%
-- Flow 1:
Average throughput: 52.33 Mbit/s
95th percentile per-packet one-way delay: 30.178 ms
Loss rate: 11.95%
-- Flow 2:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 30.279 ms
Loss rate: 21.18%
-- Flow 3:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 30.290 ms
Loss rate: 25.09%

Run 5: Report of FillP — Data Link

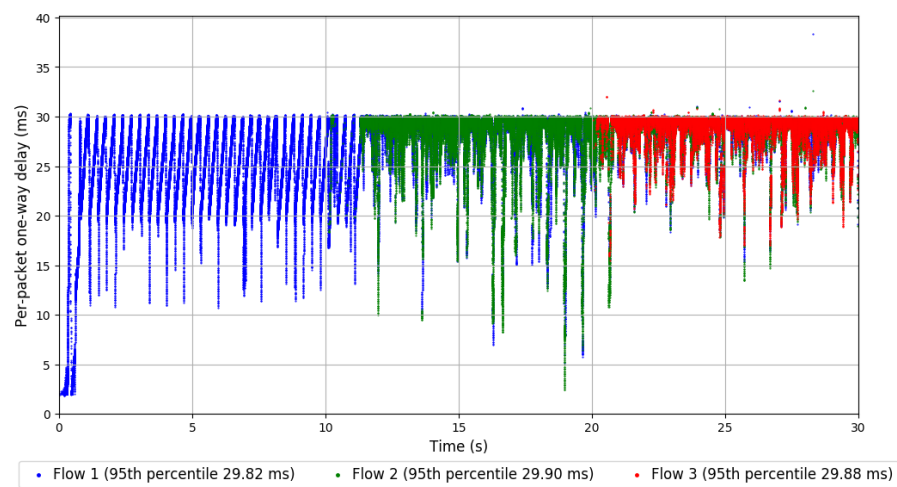
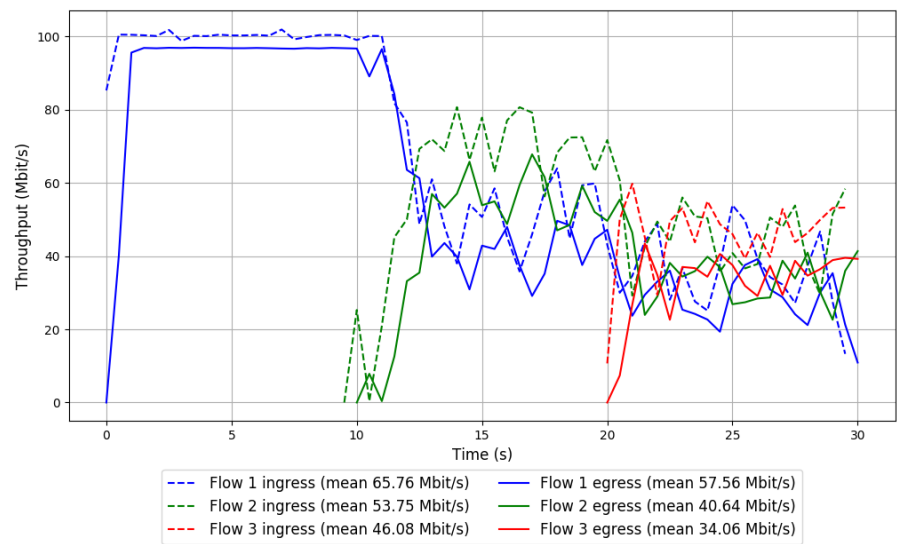


Run 6: Statistics of FillP

Start at: 2018-08-01 09:30:37
End at: 2018-08-01 09:31:07
Local clock offset: -1.936 ms
Remote clock offset: -1.879 ms

Below is generated by plot.py at 2018-08-01 11:04:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 29.861 ms
Loss rate: 17.89%
-- Flow 1:
Average throughput: 57.56 Mbit/s
95th percentile per-packet one-way delay: 29.820 ms
Loss rate: 12.41%
-- Flow 2:
Average throughput: 40.64 Mbit/s
95th percentile per-packet one-way delay: 29.898 ms
Loss rate: 24.43%
-- Flow 3:
Average throughput: 34.06 Mbit/s
95th percentile per-packet one-way delay: 29.884 ms
Loss rate: 26.15%

Run 6: Report of FillP — Data Link

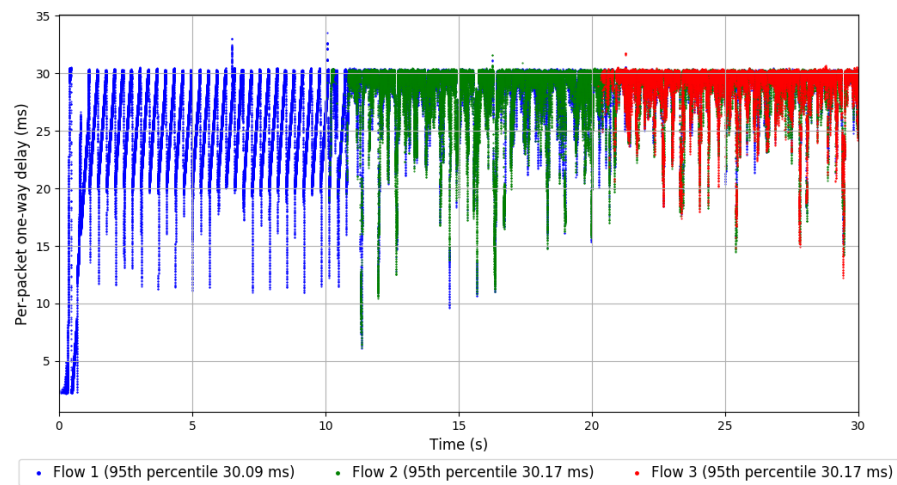
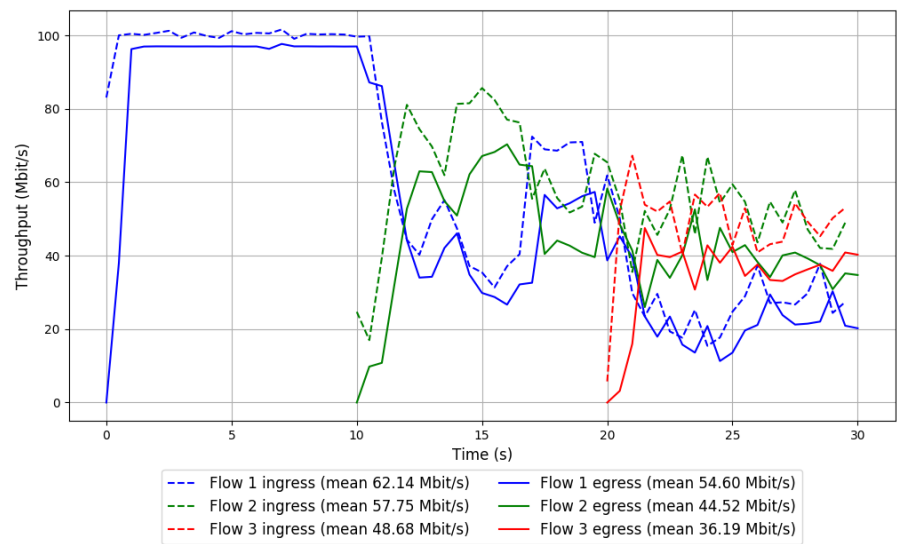


Run 7: Statistics of FillP

Start at: 2018-08-01 09:49:49
End at: 2018-08-01 09:50:19
Local clock offset: -11.842 ms
Remote clock offset: -7.063 ms

Below is generated by plot.py at 2018-08-01 11:04:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.138 ms
Loss rate: 17.72%
-- Flow 1:
Average throughput: 54.60 Mbit/s
95th percentile per-packet one-way delay: 30.087 ms
Loss rate: 12.05%
-- Flow 2:
Average throughput: 44.52 Mbit/s
95th percentile per-packet one-way delay: 30.170 ms
Loss rate: 22.91%
-- Flow 3:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 30.168 ms
Loss rate: 27.16%

Run 7: Report of FillP — Data Link

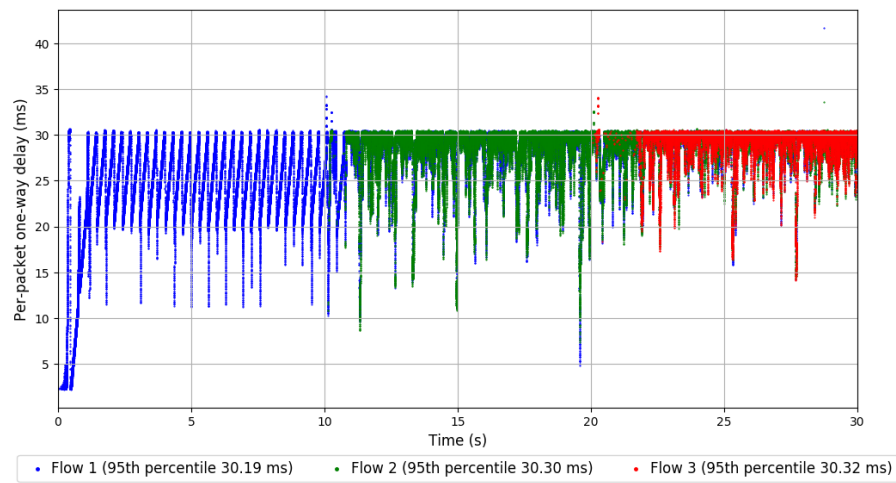
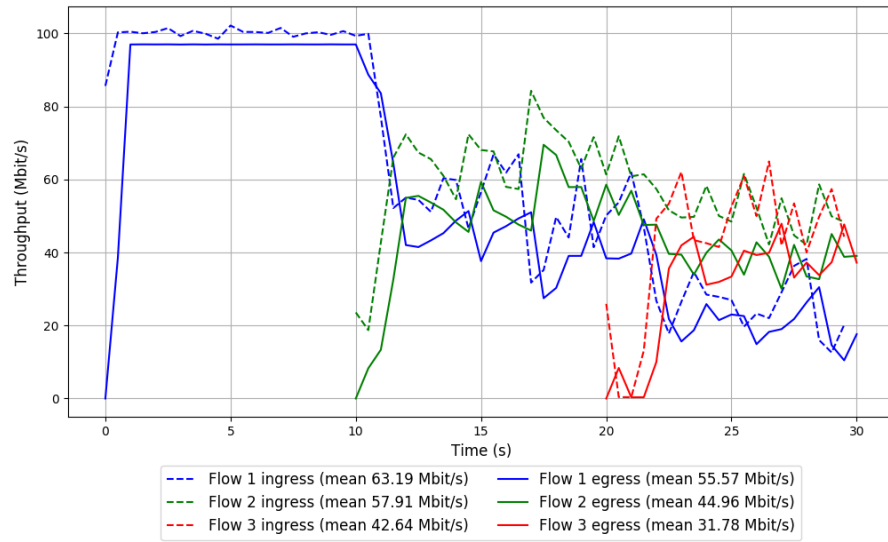


Run 8: Statistics of FillP

Start at: 2018-08-01 10:09:01
End at: 2018-08-01 10:09:31
Local clock offset: -6.013 ms
Remote clock offset: -7.581 ms

Below is generated by plot.py at 2018-08-01 11:04:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 30.263 ms
Loss rate: 17.07%
-- Flow 1:
Average throughput: 55.57 Mbit/s
95th percentile per-packet one-way delay: 30.189 ms
Loss rate: 11.98%
-- Flow 2:
Average throughput: 44.96 Mbit/s
95th percentile per-packet one-way delay: 30.302 ms
Loss rate: 22.35%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 30.320 ms
Loss rate: 25.46%

Run 8: Report of FillP — Data Link

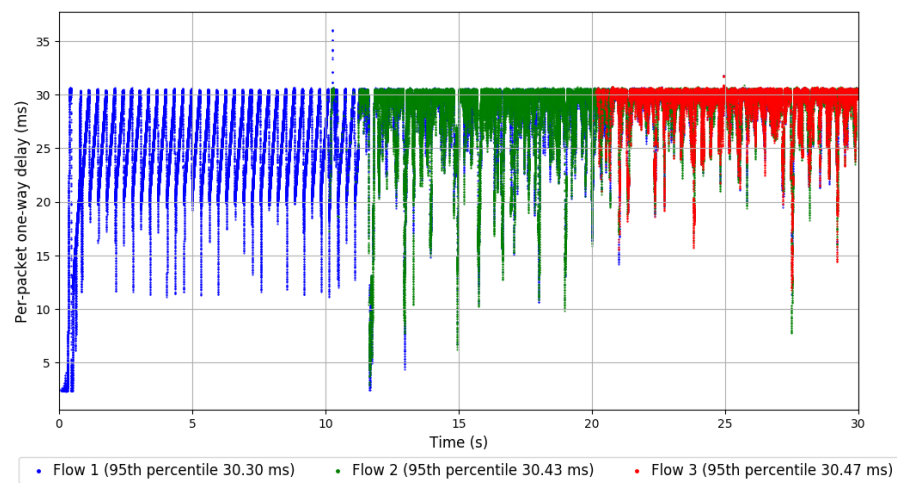
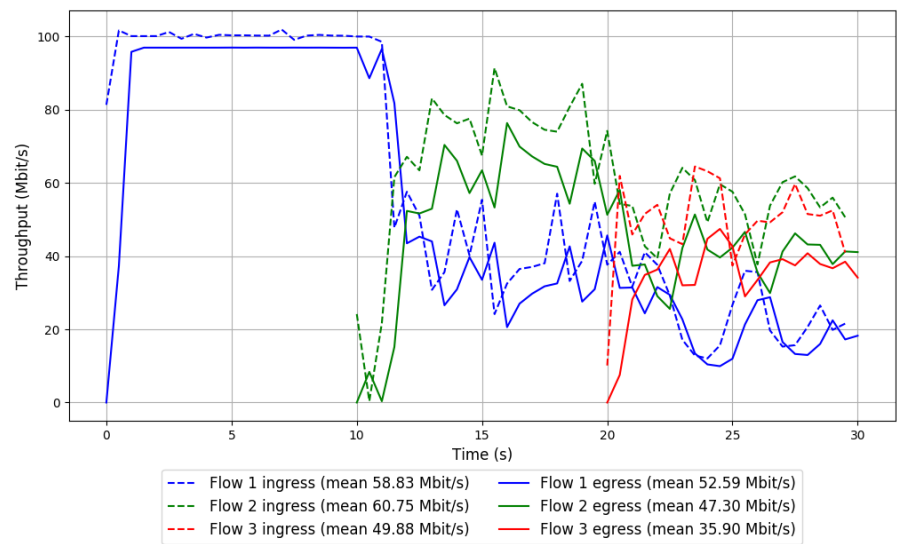


Run 9: Statistics of FillP

Start at: 2018-08-01 10:28:13
End at: 2018-08-01 10:28:44
Local clock offset: -4.26 ms
Remote clock offset: -7.579 ms

Below is generated by plot.py at 2018-08-01 11:05:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 30.394 ms
Loss rate: 17.08%
-- Flow 1:
Average throughput: 52.59 Mbit/s
95th percentile per-packet one-way delay: 30.301 ms
Loss rate: 10.53%
-- Flow 2:
Average throughput: 47.30 Mbit/s
95th percentile per-packet one-way delay: 30.433 ms
Loss rate: 22.13%
-- Flow 3:
Average throughput: 35.90 Mbit/s
95th percentile per-packet one-way delay: 30.471 ms
Loss rate: 28.00%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-08-01 10:47:24

End at: 2018-08-01 10:47:54

Local clock offset: -2.916 ms

Remote clock offset: -6.84 ms

Below is generated by plot.py at 2018-08-01 11:05:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 30.280 ms

Loss rate: 16.64%

-- Flow 1:

Average throughput: 53.76 Mbit/s

95th percentile per-packet one-way delay: 30.210 ms

Loss rate: 11.84%

-- Flow 2:

Average throughput: 45.35 Mbit/s

95th percentile per-packet one-way delay: 30.323 ms

Loss rate: 21.59%

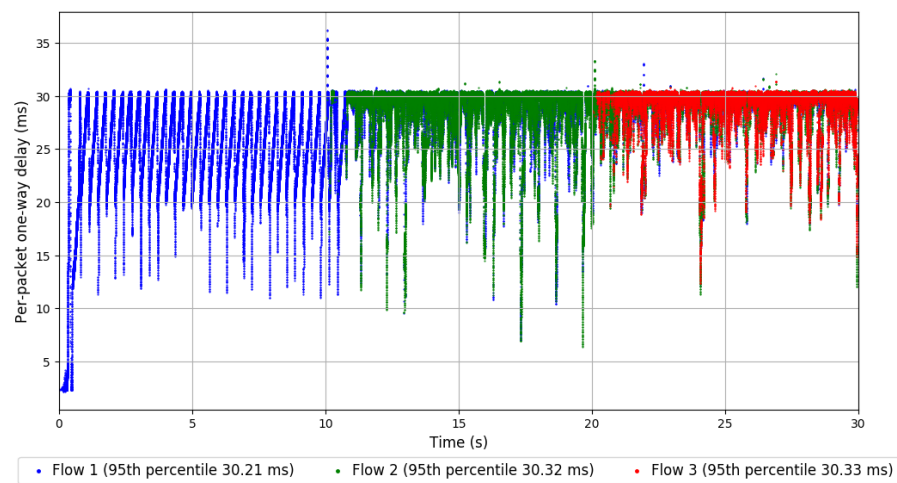
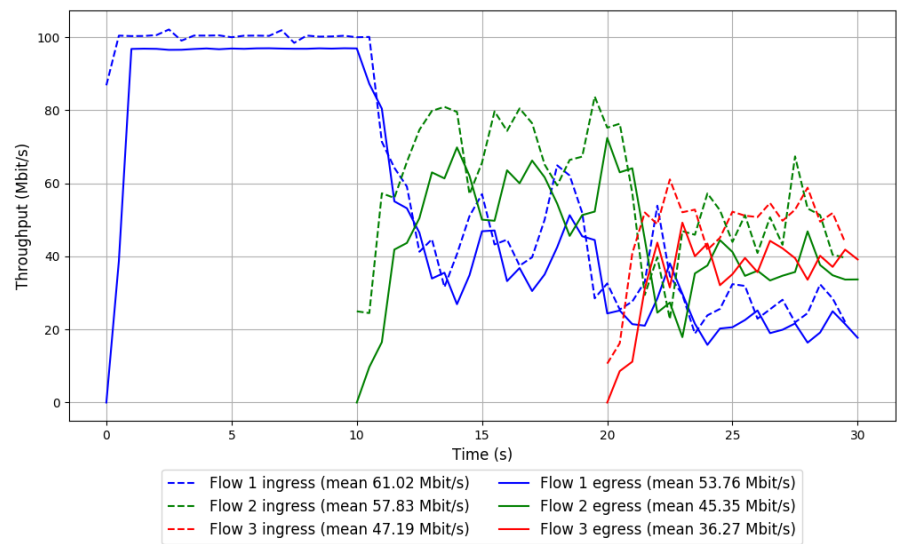
-- Flow 3:

Average throughput: 36.27 Mbit/s

95th percentile per-packet one-way delay: 30.327 ms

Loss rate: 23.19%

Run 10: Report of FillP — Data Link

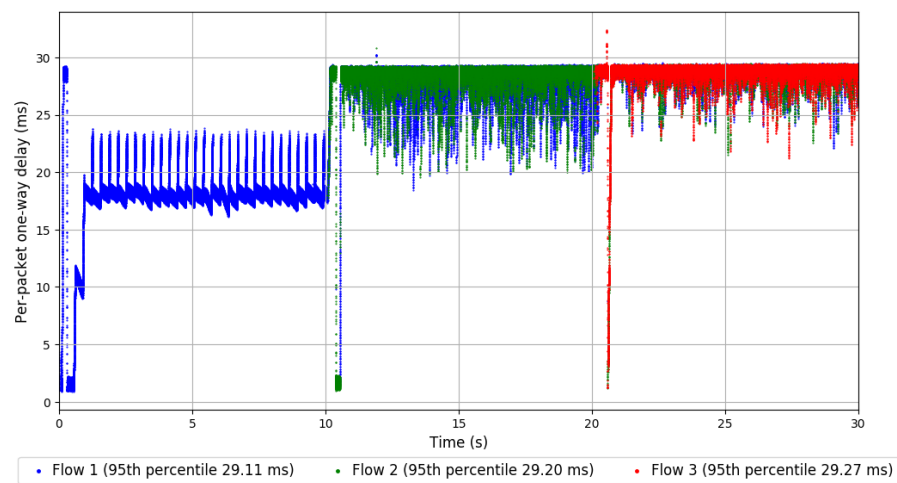
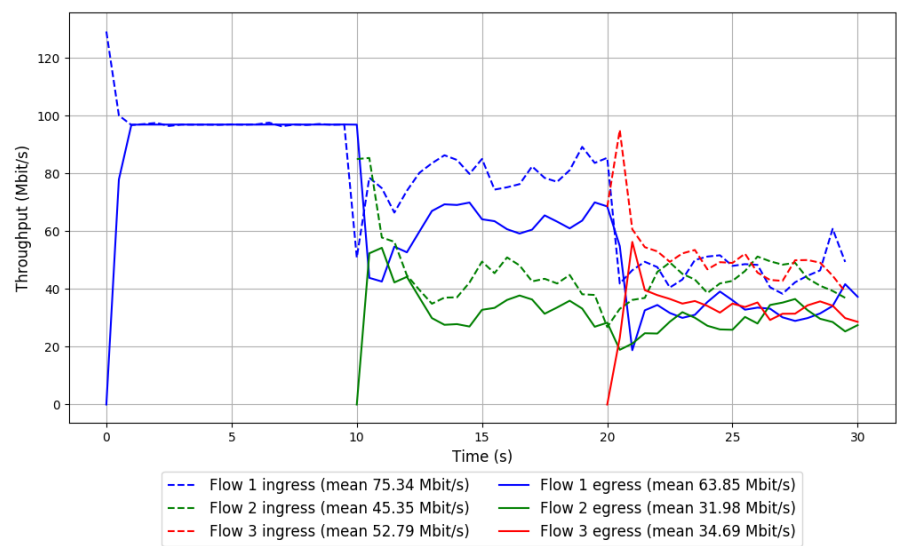


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-01 07:45:45
End at: 2018-08-01 07:46:15
Local clock offset: 5.902 ms
Remote clock offset: -1.698 ms

Below is generated by plot.py at 2018-08-01 11:05:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 29.169 ms
Loss rate: 21.41%
-- Flow 1:
Average throughput: 63.85 Mbit/s
95th percentile per-packet one-way delay: 29.115 ms
Loss rate: 15.19%
-- Flow 2:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 29.195 ms
Loss rate: 29.46%
-- Flow 3:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 29.267 ms
Loss rate: 34.27%

Run 1: Report of FillP-Sheep — Data Link

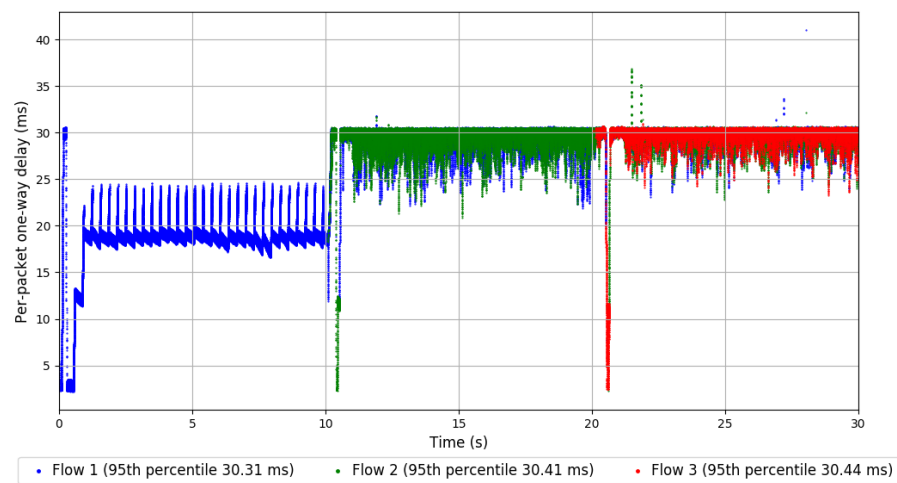
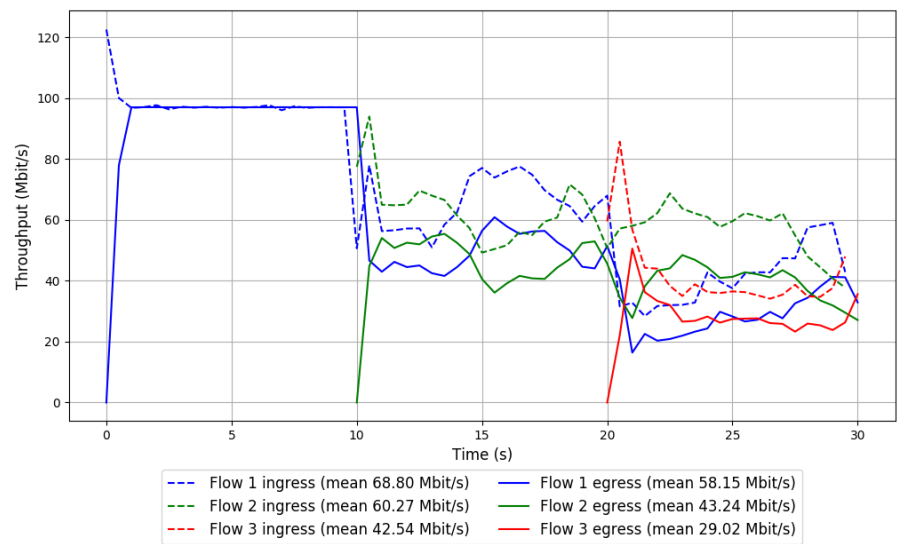


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-01 08:04:54
End at: 2018-08-01 08:05:24
Local clock offset: 8.677 ms
Remote clock offset: -6.884 ms

Below is generated by plot.py at 2018-08-01 11:05:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 30.376 ms
Loss rate: 21.46%
-- Flow 1:
Average throughput: 58.15 Mbit/s
95th percentile per-packet one-way delay: 30.308 ms
Loss rate: 15.41%
-- Flow 2:
Average throughput: 43.24 Mbit/s
95th percentile per-packet one-way delay: 30.412 ms
Loss rate: 28.21%
-- Flow 3:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 30.436 ms
Loss rate: 31.78%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-08-01 08:24:06

End at: 2018-08-01 08:24:36

Local clock offset: 10.155 ms

Remote clock offset: -7.35 ms

Below is generated by plot.py at 2018-08-01 11:05:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.59 Mbit/s

95th percentile per-packet one-way delay: 29.918 ms

Loss rate: 22.39%

-- Flow 1:

Average throughput: 62.05 Mbit/s

95th percentile per-packet one-way delay: 29.875 ms

Loss rate: 16.09%

-- Flow 2:

Average throughput: 35.92 Mbit/s

95th percentile per-packet one-way delay: 29.955 ms

Loss rate: 29.94%

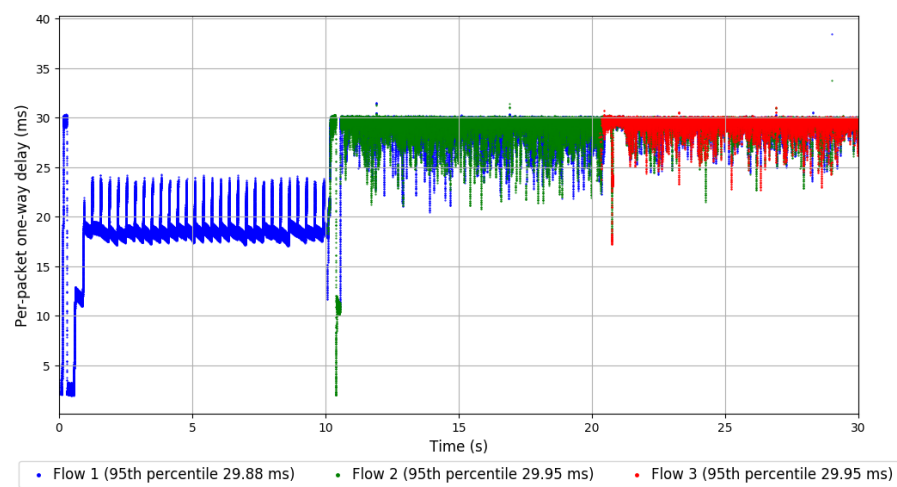
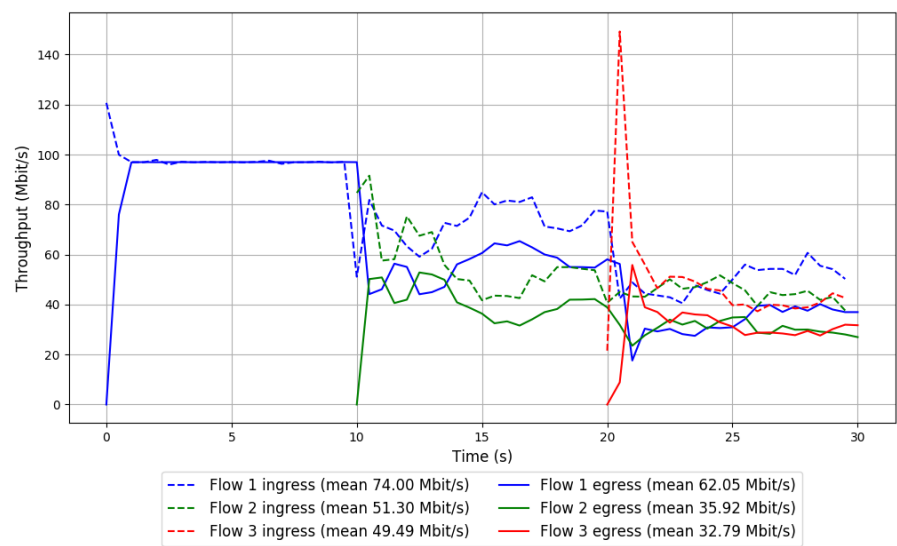
-- Flow 3:

Average throughput: 32.79 Mbit/s

95th percentile per-packet one-way delay: 29.955 ms

Loss rate: 35.08%

Run 3: Report of FillP-Sheep — Data Link

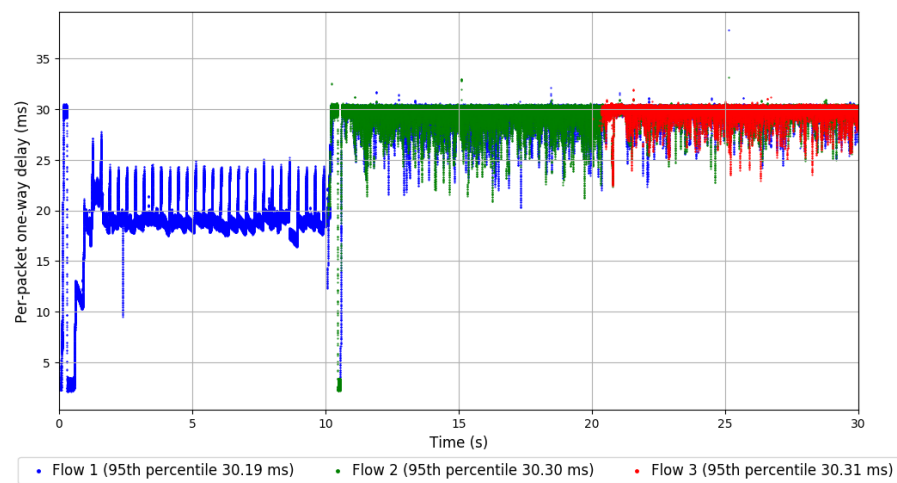
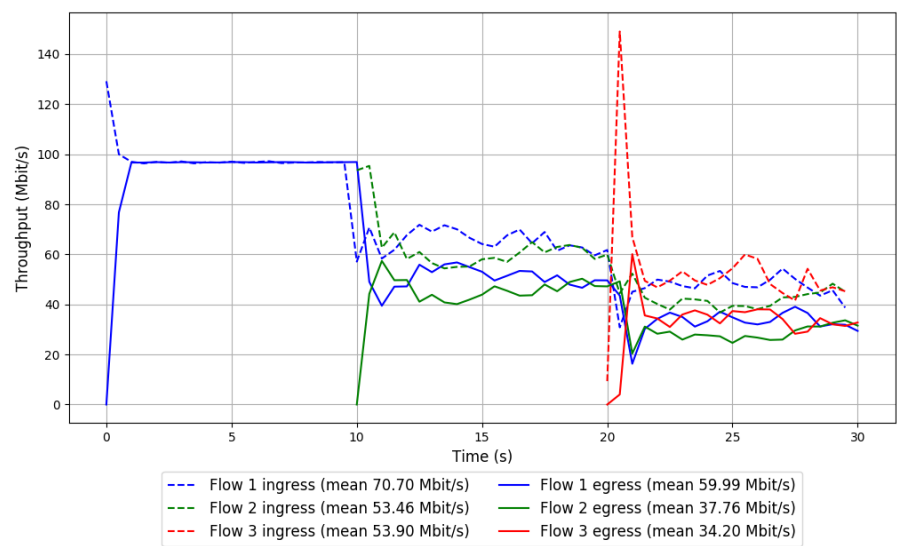


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-01 08:43:19
End at: 2018-08-01 08:43:49
Local clock offset: 8.245 ms
Remote clock offset: -6.805 ms

```
# Below is generated by plot.py at 2018-08-01 11:05:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 30.257 ms
Loss rate: 22.25%
-- Flow 1:
Average throughput: 59.99 Mbit/s
95th percentile per-packet one-way delay: 30.192 ms
Loss rate: 15.07%
-- Flow 2:
Average throughput: 37.76 Mbit/s
95th percentile per-packet one-way delay: 30.298 ms
Loss rate: 29.33%
-- Flow 3:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 30.309 ms
Loss rate: 36.54%
```

Run 4: Report of FillP-Sheep — Data Link

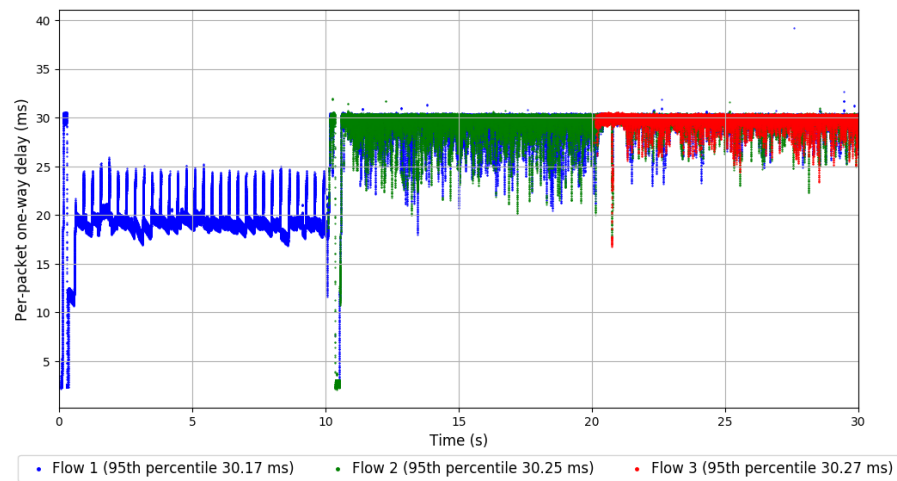
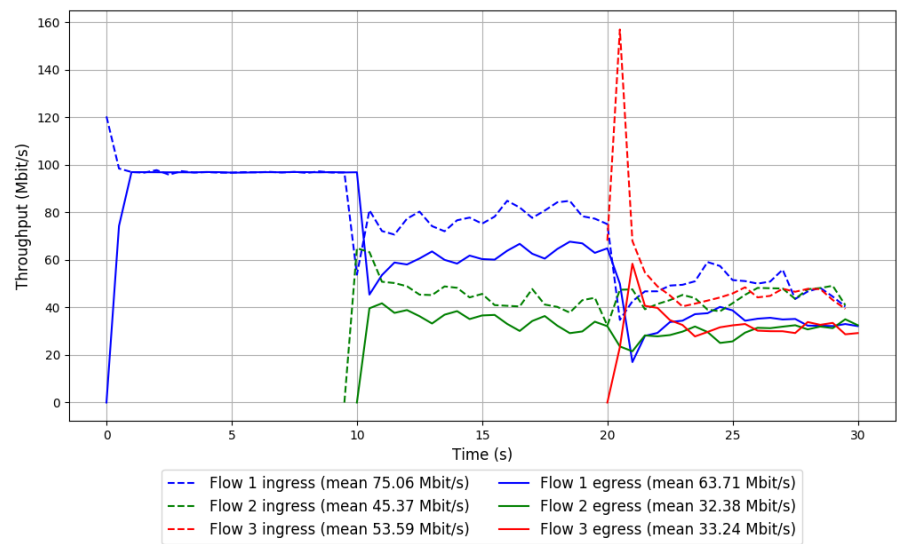


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-01 09:02:31
End at: 2018-08-01 09:03:01
Local clock offset: 9.026 ms
Remote clock offset: -3.139 ms

Below is generated by plot.py at 2018-08-01 11:05:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 30.218 ms
Loss rate: 21.69%
-- Flow 1:
Average throughput: 63.71 Mbit/s
95th percentile per-packet one-way delay: 30.167 ms
Loss rate: 15.05%
-- Flow 2:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 30.252 ms
Loss rate: 28.60%
-- Flow 3:
Average throughput: 33.24 Mbit/s
95th percentile per-packet one-way delay: 30.273 ms
Loss rate: 37.98%

Run 5: Report of FillP-Sheep — Data Link

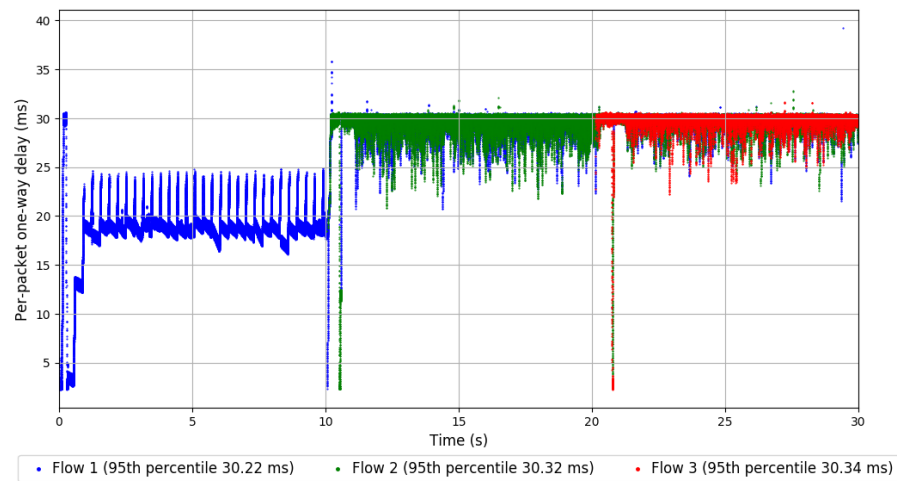
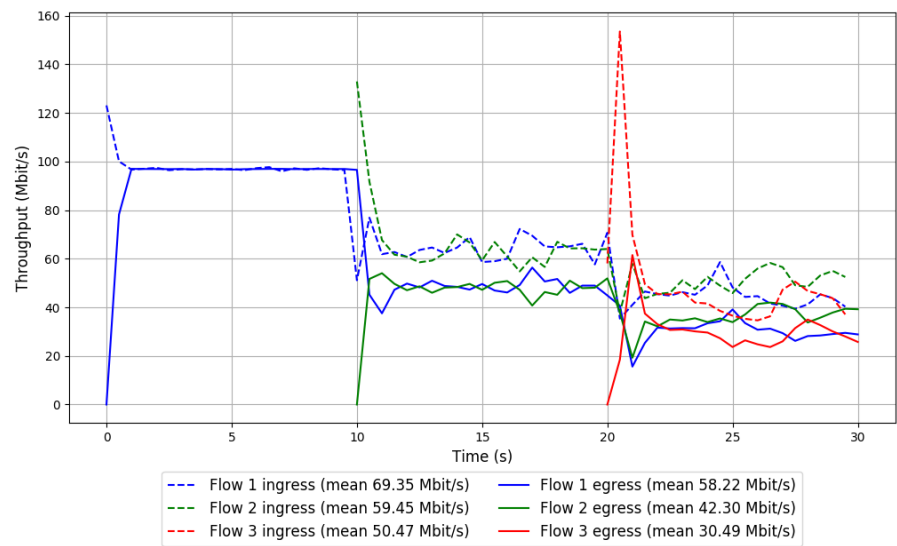


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-01 09:21:43
End at: 2018-08-01 09:22:13
Local clock offset: 9.886 ms
Remote clock offset: -0.391 ms

Below is generated by plot.py at 2018-08-01 11:06:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 30.287 ms
Loss rate: 23.16%
-- Flow 1:
Average throughput: 58.22 Mbit/s
95th percentile per-packet one-way delay: 30.217 ms
Loss rate: 15.97%
-- Flow 2:
Average throughput: 42.30 Mbit/s
95th percentile per-packet one-way delay: 30.323 ms
Loss rate: 28.80%
-- Flow 3:
Average throughput: 30.49 Mbit/s
95th percentile per-packet one-way delay: 30.345 ms
Loss rate: 39.58%

Run 6: Report of FillP-Sheep — Data Link

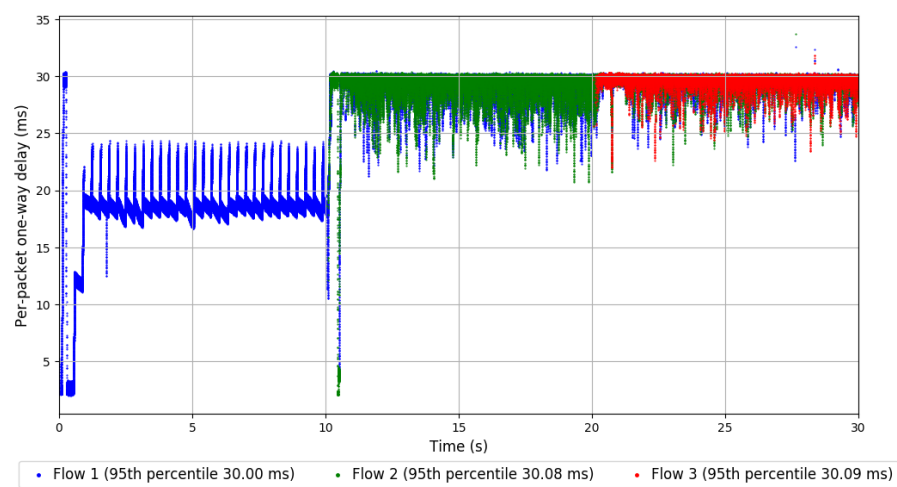
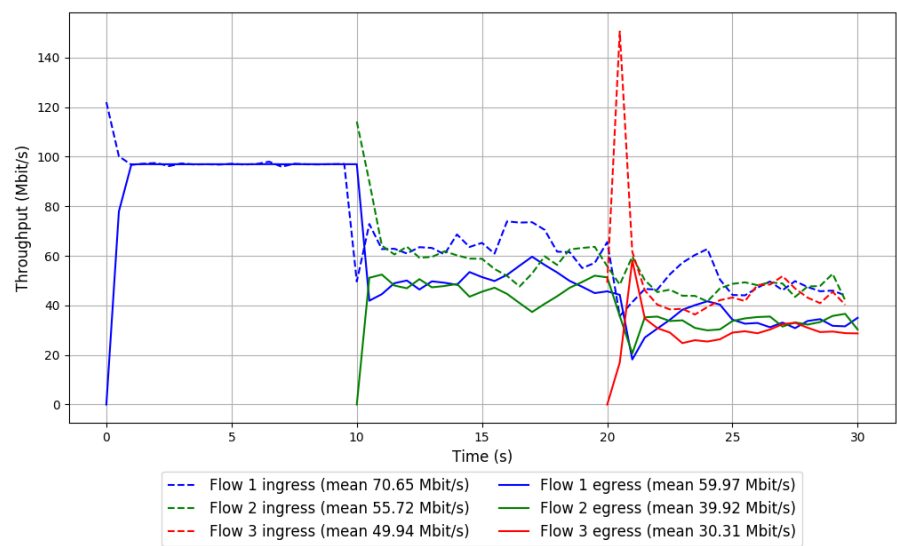


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-01 09:40:55
End at: 2018-08-01 09:41:25
Local clock offset: -8.736 ms
Remote clock offset: -5.822 ms

Below is generated by plot.py at 2018-08-01 11:07:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 30.048 ms
Loss rate: 22.23%
-- Flow 1:
Average throughput: 59.97 Mbit/s
95th percentile per-packet one-way delay: 30.000 ms
Loss rate: 15.04%
-- Flow 2:
Average throughput: 39.92 Mbit/s
95th percentile per-packet one-way delay: 30.080 ms
Loss rate: 28.32%
-- Flow 3:
Average throughput: 30.31 Mbit/s
95th percentile per-packet one-way delay: 30.088 ms
Loss rate: 39.30%

Run 7: Report of FillP-Sheep — Data Link

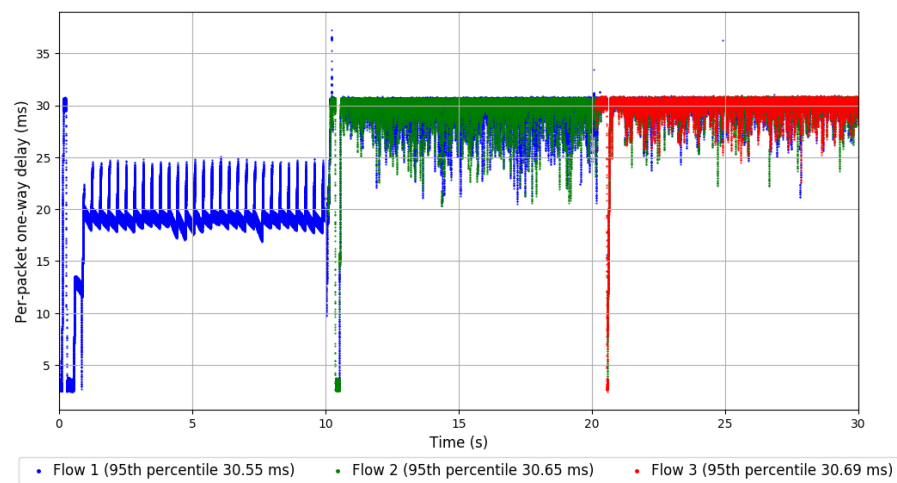
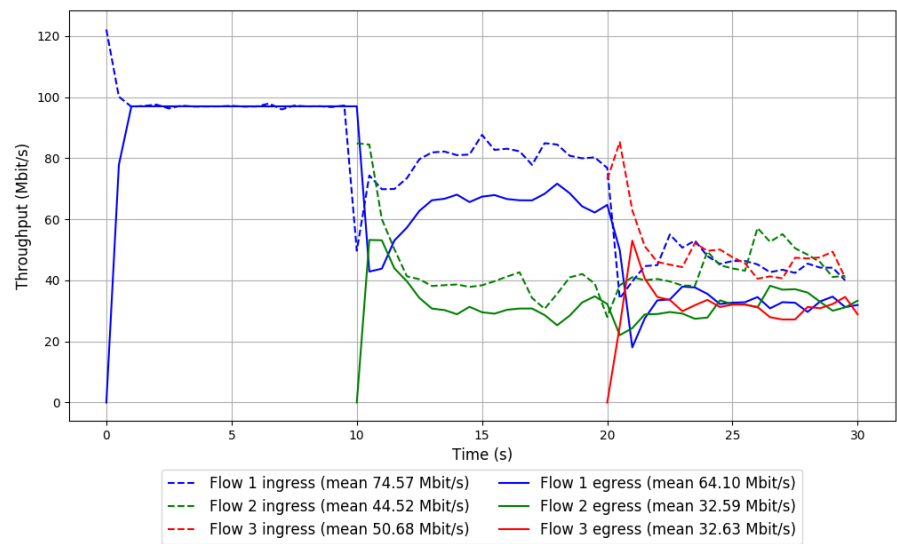


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-01 10:00:07
End at: 2018-08-01 10:00:37
Local clock offset: -7.835 ms
Remote clock offset: -7.777 ms

Below is generated by plot.py at 2018-08-01 11:07:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 30.611 ms
Loss rate: 20.10%
-- Flow 1:
Average throughput: 64.10 Mbit/s
95th percentile per-packet one-way delay: 30.553 ms
Loss rate: 13.95%
-- Flow 2:
Average throughput: 32.59 Mbit/s
95th percentile per-packet one-way delay: 30.648 ms
Loss rate: 26.76%
-- Flow 3:
Average throughput: 32.63 Mbit/s
95th percentile per-packet one-way delay: 30.687 ms
Loss rate: 35.62%

Run 8: Report of FillP-Sheep — Data Link

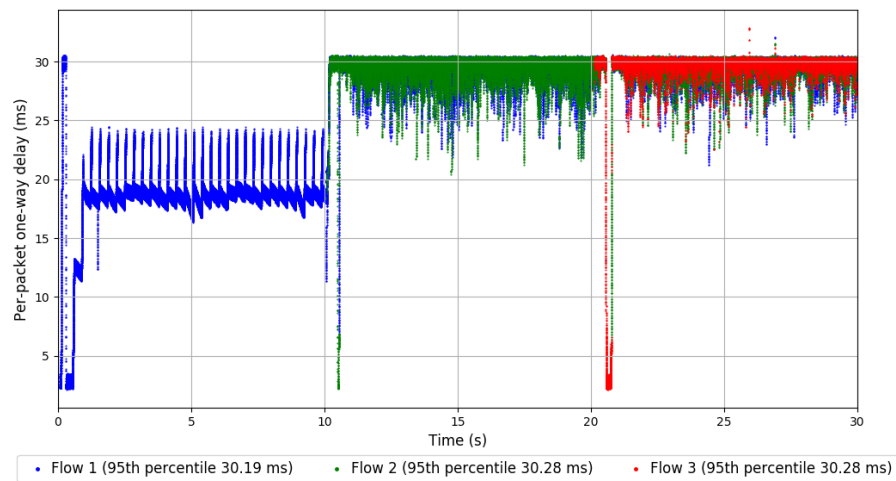
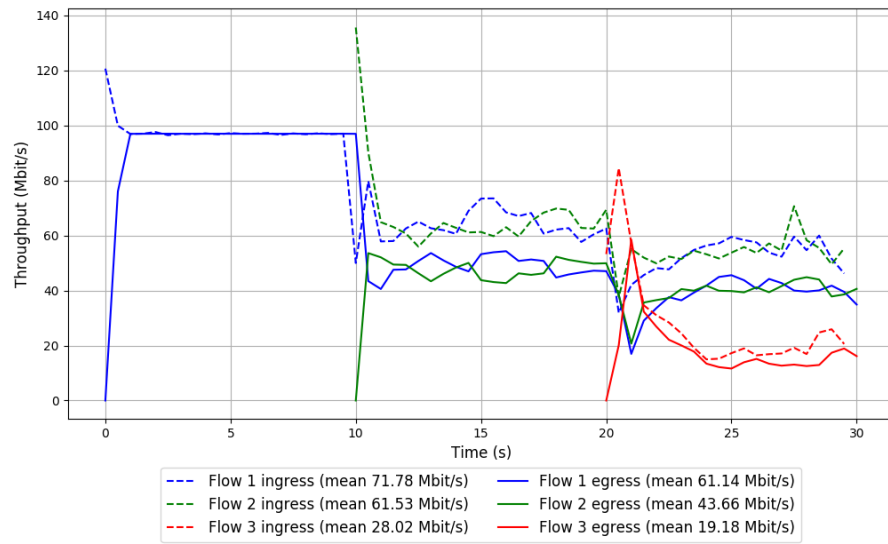


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-01 10:19:20
End at: 2018-08-01 10:19:50
Local clock offset: -5.91 ms
Remote clock offset: -7.549 ms

Below is generated by plot.py at 2018-08-01 11:07:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 30.242 ms
Loss rate: 20.81%
-- Flow 1:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: 30.191 ms
Loss rate: 14.75%
-- Flow 2:
Average throughput: 43.66 Mbit/s
95th percentile per-packet one-way delay: 30.283 ms
Loss rate: 29.00%
-- Flow 3:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 30.278 ms
Loss rate: 31.55%

Run 9: Report of FillP-Sheep — Data Link

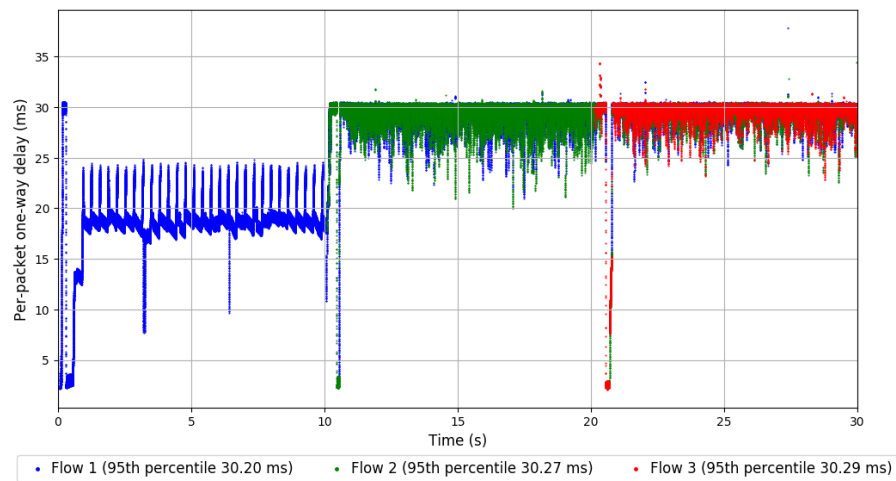
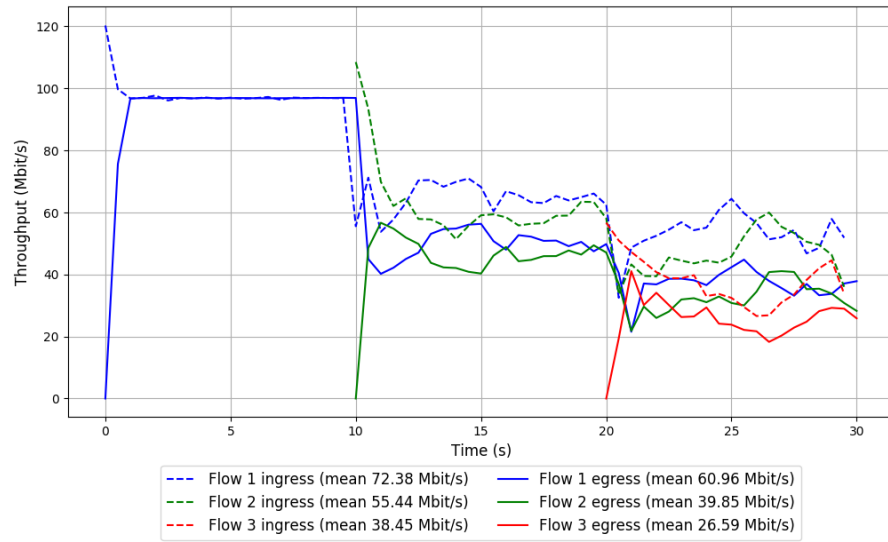


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-01 10:38:31
End at: 2018-08-01 10:39:01
Local clock offset: -3.061 ms
Remote clock offset: -7.385 ms

Below is generated by plot.py at 2018-08-01 11:07:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 30.237 ms
Loss rate: 21.02%
-- Flow 1:
Average throughput: 60.96 Mbit/s
95th percentile per-packet one-way delay: 30.196 ms
Loss rate: 15.70%
-- Flow 2:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 30.271 ms
Loss rate: 28.06%
-- Flow 3:
Average throughput: 26.59 Mbit/s
95th percentile per-packet one-way delay: 30.285 ms
Loss rate: 30.84%

Run 10: Report of FillP-Sheep — Data Link

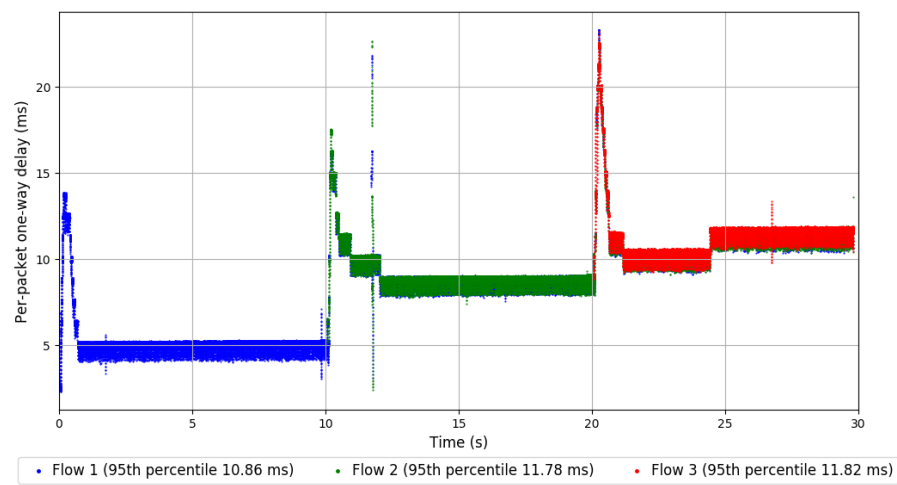
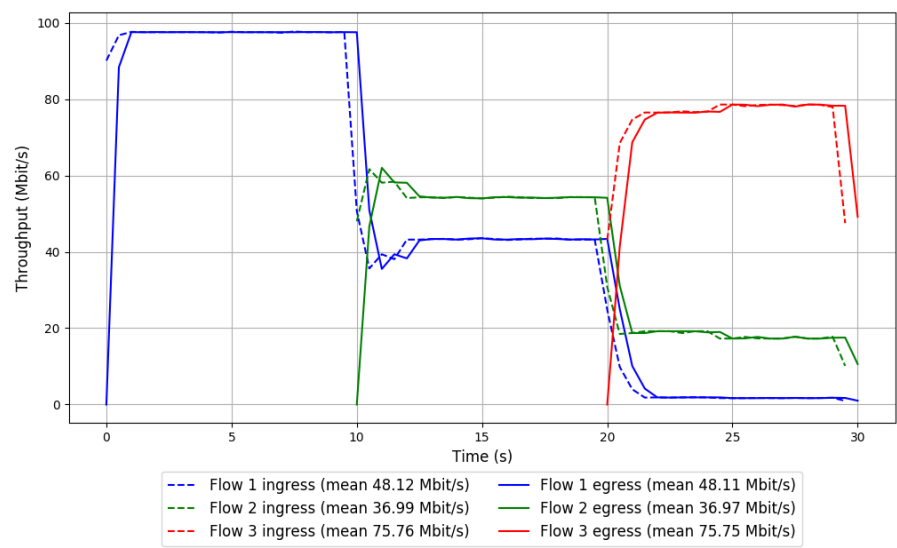


```
Run 1: Statistics of Indigo

Start at: 2018-08-01 07:55:44
End at: 2018-08-01 07:56:14
Local clock offset: 6.969 ms
Remote clock offset: -5.627 ms

# Below is generated by plot.py at 2018-08-01 11:07:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 11.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.11 Mbit/s
95th percentile per-packet one-way delay: 10.858 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.97 Mbit/s
95th percentile per-packet one-way delay: 11.777 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 75.75 Mbit/s
95th percentile per-packet one-way delay: 11.824 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

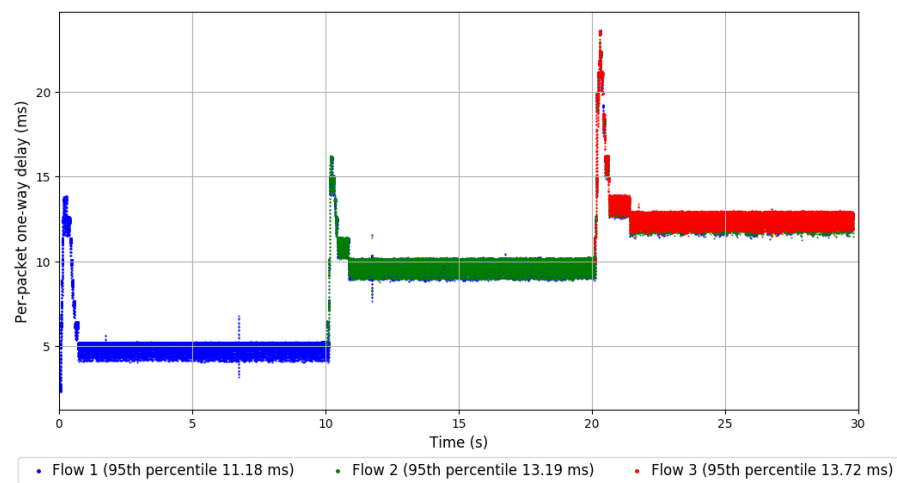
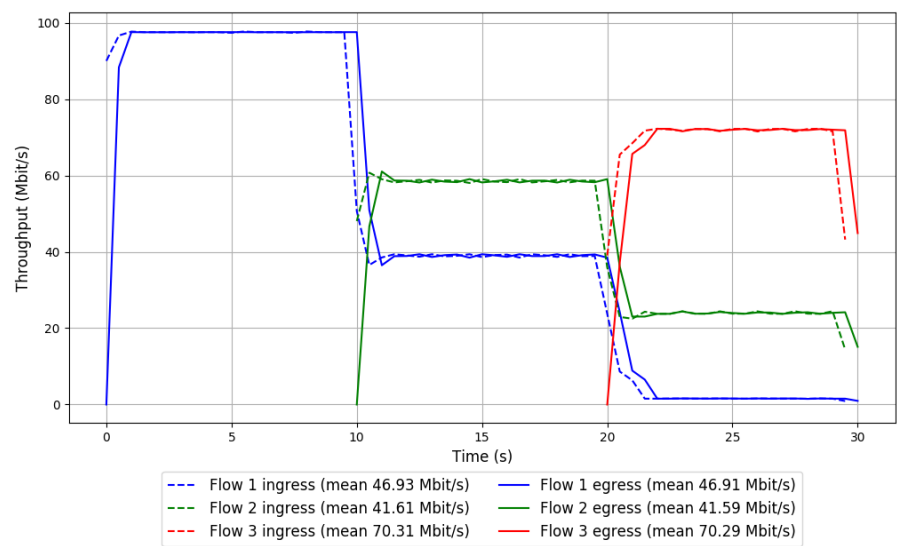


Run 2: Statistics of Indigo

Start at: 2018-08-01 08:14:56
End at: 2018-08-01 08:15:26
Local clock offset: 9.852 ms
Remote clock offset: -7.524 ms

Below is generated by plot.py at 2018-08-01 11:07:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 13.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 11.181 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.59 Mbit/s
95th percentile per-packet one-way delay: 13.189 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.29 Mbit/s
95th percentile per-packet one-way delay: 13.718 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

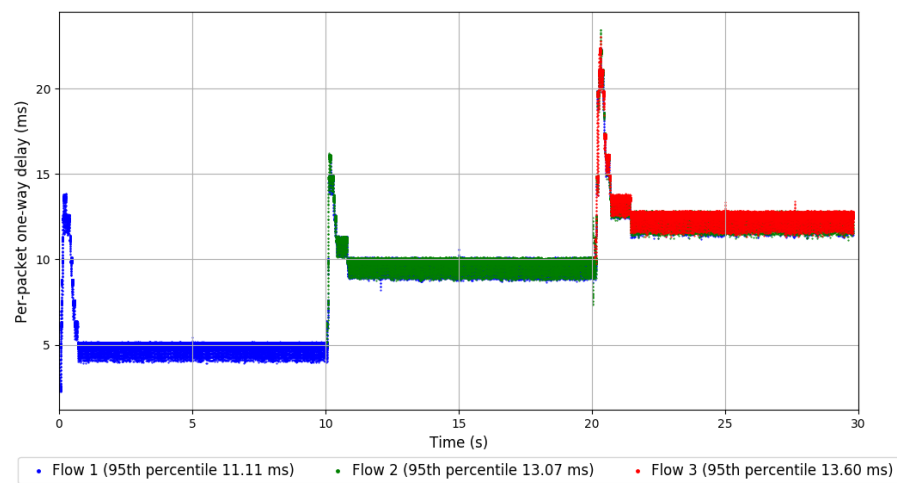
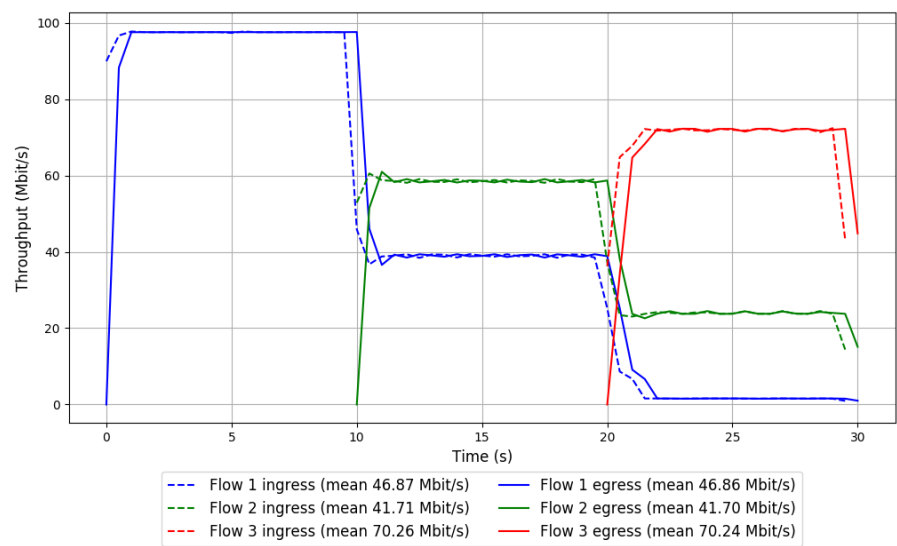


Run 3: Statistics of Indigo

Start at: 2018-08-01 08:34:08
End at: 2018-08-01 08:34:38
Local clock offset: 8.499 ms
Remote clock offset: -6.844 ms

Below is generated by plot.py at 2018-08-01 11:07:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 11.113 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 13.075 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 13.604 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

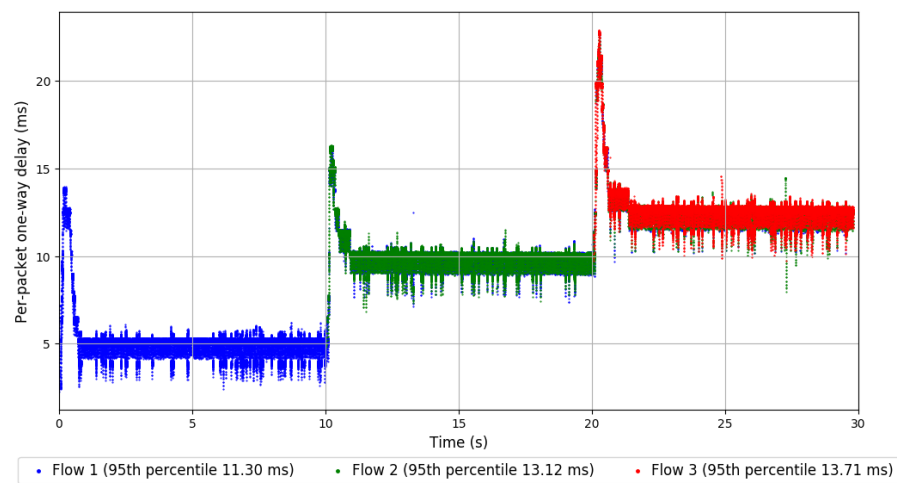
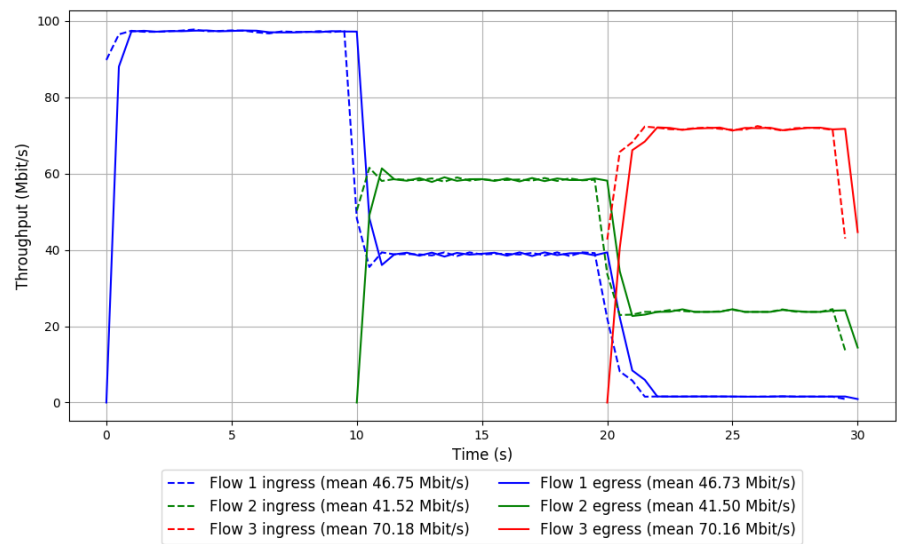


Run 4: Statistics of Indigo

Start at: 2018-08-01 08:53:21
End at: 2018-08-01 08:53:51
Local clock offset: 8.375 ms
Remote clock offset: -6.771 ms

```
# Below is generated by plot.py at 2018-08-01 11:07:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 13.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 11.296 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 13.116 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.16 Mbit/s
95th percentile per-packet one-way delay: 13.714 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

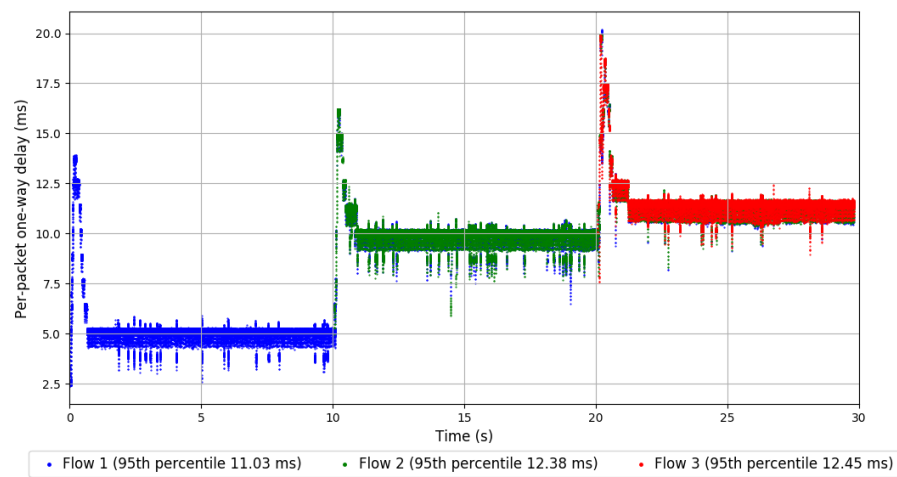
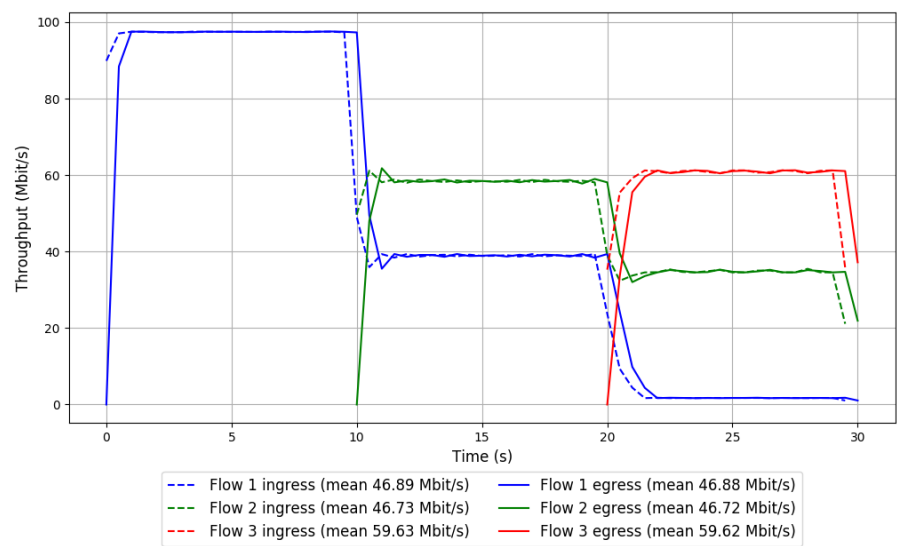


Run 5: Statistics of Indigo

Start at: 2018-08-01 09:12:32
End at: 2018-08-01 09:13:02
Local clock offset: 9.426 ms
Remote clock offset: -1.331 ms

Below is generated by plot.py at 2018-08-01 11:08:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.30 Mbit/s
95th percentile per-packet one-way delay: 12.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.88 Mbit/s
95th percentile per-packet one-way delay: 11.025 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 12.385 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 12.452 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-08-01 09:31:45

End at: 2018-08-01 09:32:15

Local clock offset: -3.061 ms

Remote clock offset: -2.58 ms

Below is generated by plot.py at 2018-08-01 11:08:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 12.716 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 46.72 Mbit/s

95th percentile per-packet one-way delay: 10.849 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 41.59 Mbit/s

95th percentile per-packet one-way delay: 12.905 ms

Loss rate: 0.00%

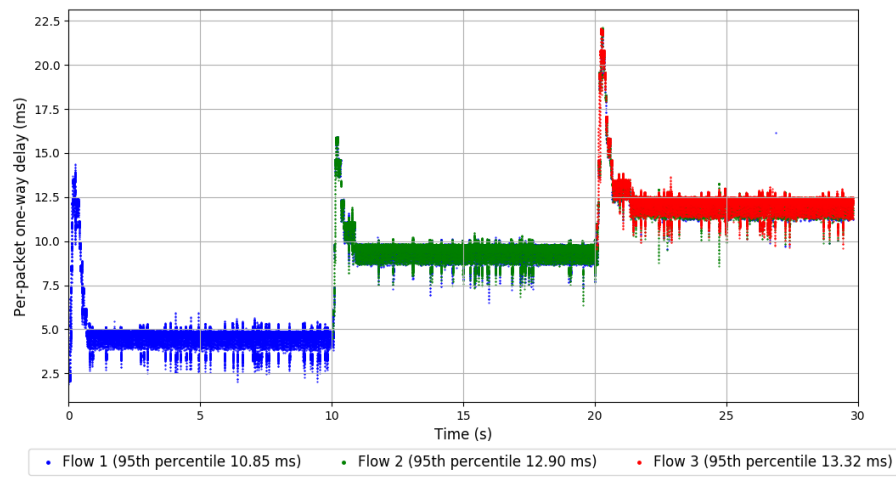
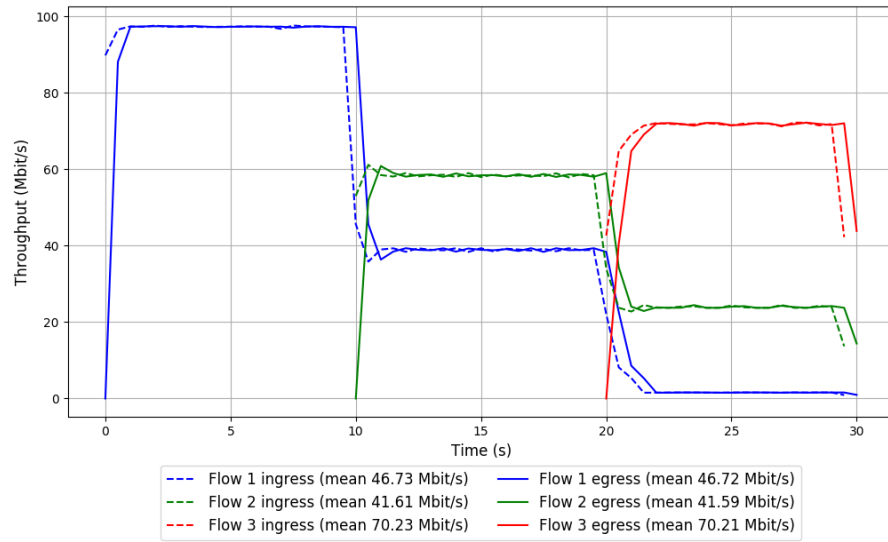
-- Flow 3:

Average throughput: 70.21 Mbit/s

95th percentile per-packet one-way delay: 13.316 ms

Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

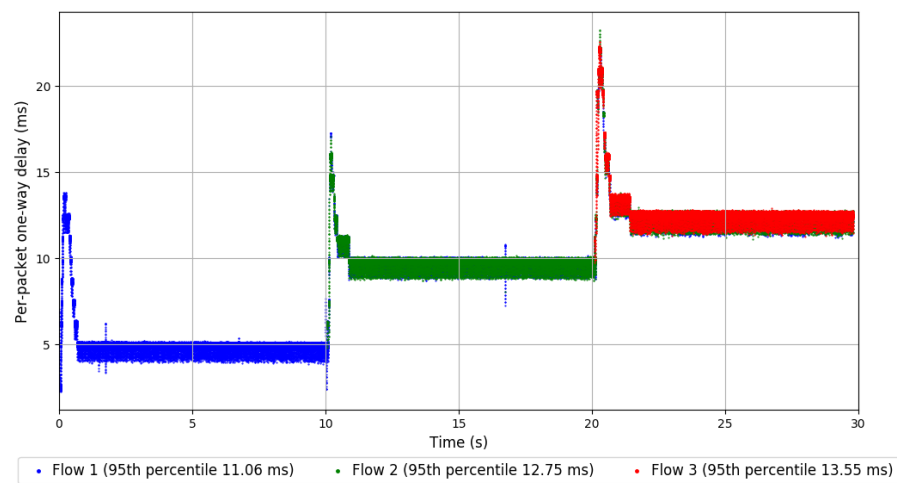
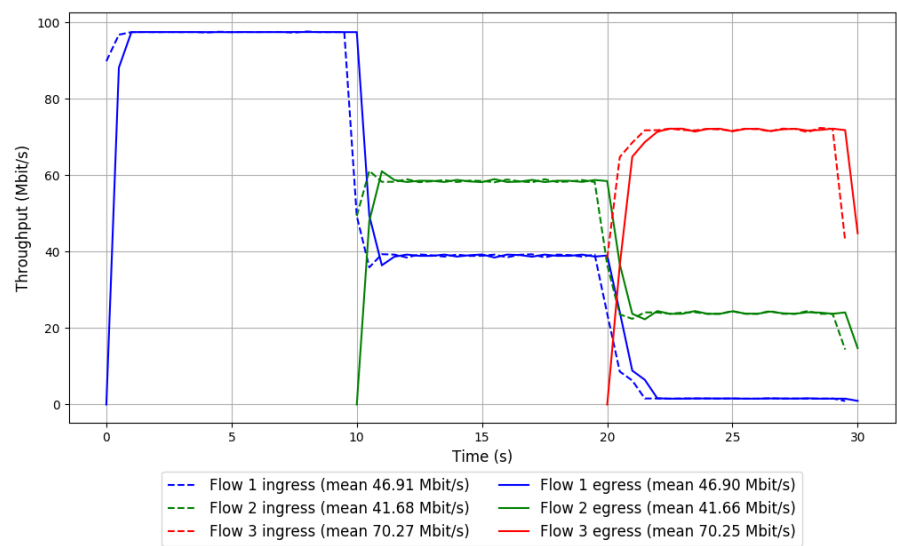


Run 7: Statistics of Indigo

Start at: 2018-08-01 09:50:57
End at: 2018-08-01 09:51:27
Local clock offset: -12.176 ms
Remote clock offset: -7.145 ms

Below is generated by plot.py at 2018-08-01 11:08:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.90 Mbit/s
95th percentile per-packet one-way delay: 11.056 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.66 Mbit/s
95th percentile per-packet one-way delay: 12.753 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.25 Mbit/s
95th percentile per-packet one-way delay: 13.552 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

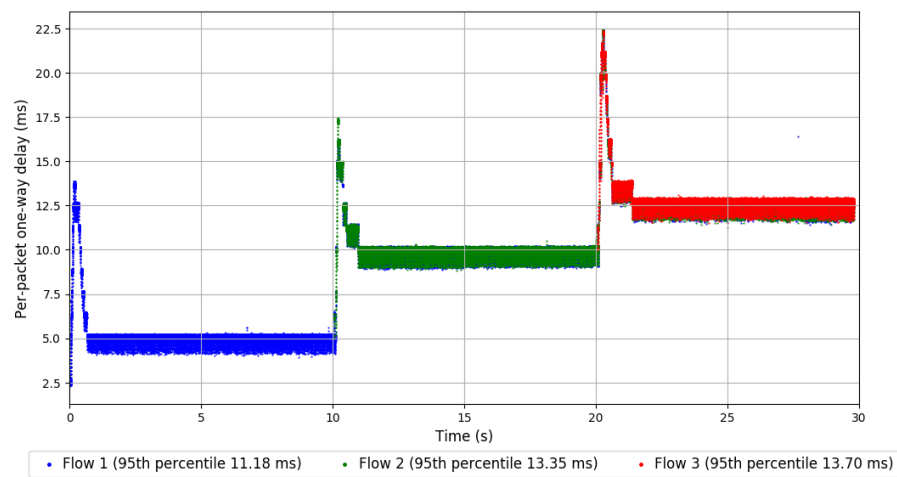
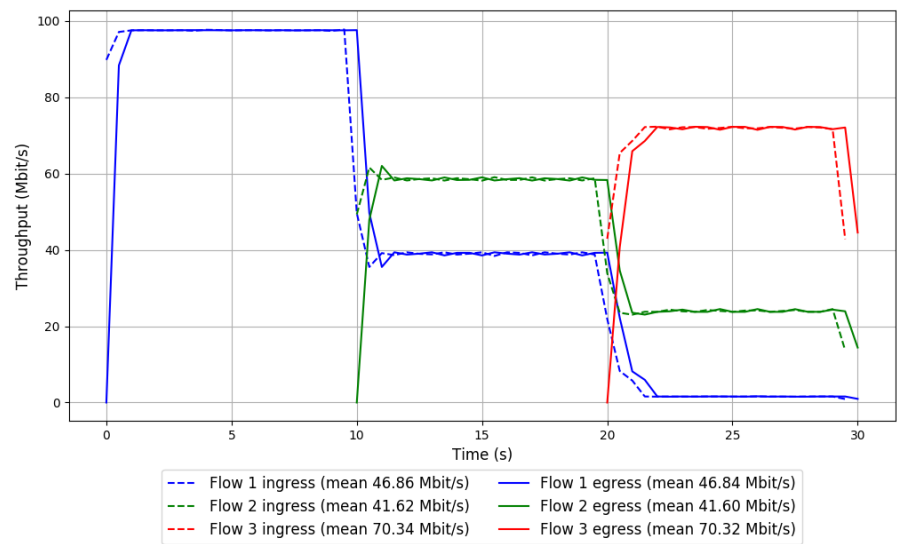


Run 8: Statistics of Indigo

Start at: 2018-08-01 10:10:09
End at: 2018-08-01 10:10:39
Local clock offset: -5.941 ms
Remote clock offset: -7.488 ms

Below is generated by plot.py at 2018-08-01 11:08:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.966 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 11.182 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.60 Mbit/s
95th percentile per-packet one-way delay: 13.348 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.32 Mbit/s
95th percentile per-packet one-way delay: 13.700 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

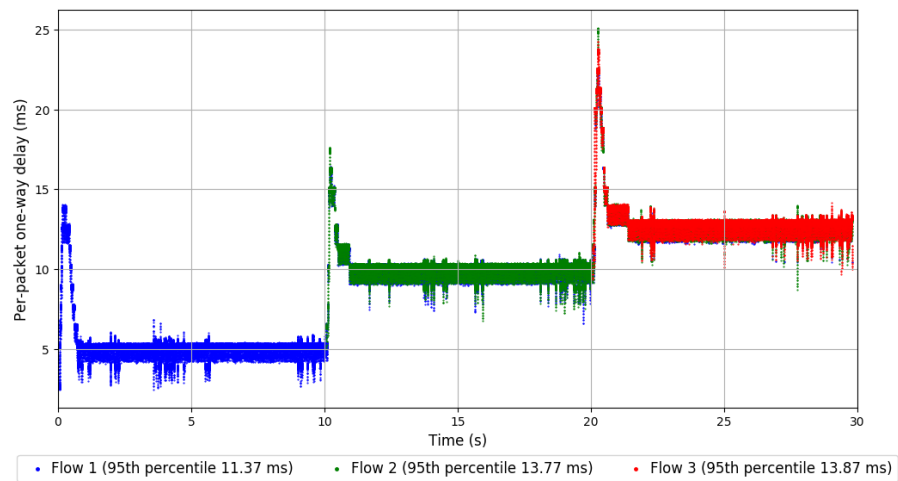
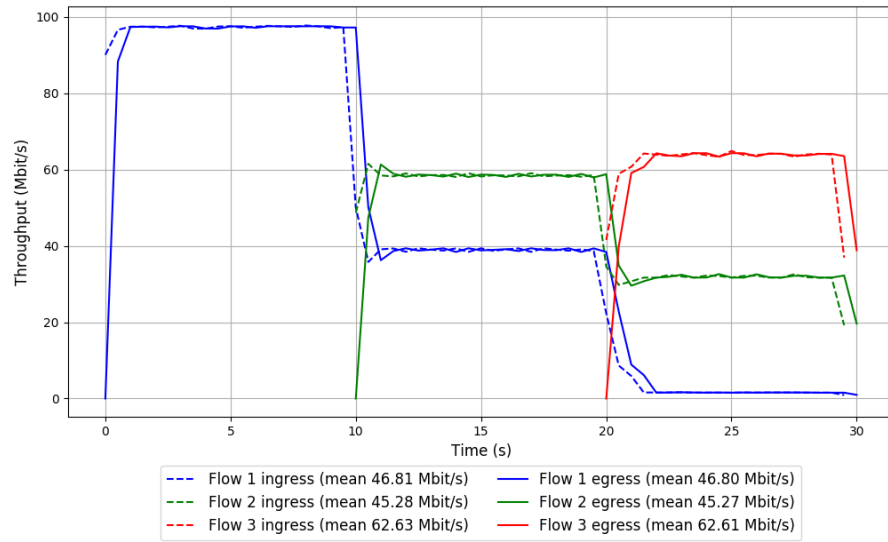


Run 9: Statistics of Indigo

Start at: 2018-08-01 10:29:21
End at: 2018-08-01 10:29:51
Local clock offset: -4.015 ms
Remote clock offset: -7.441 ms

Below is generated by plot.py at 2018-08-01 11:08:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 13.384 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.80 Mbit/s
95th percentile per-packet one-way delay: 11.365 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.27 Mbit/s
95th percentile per-packet one-way delay: 13.769 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.61 Mbit/s
95th percentile per-packet one-way delay: 13.870 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

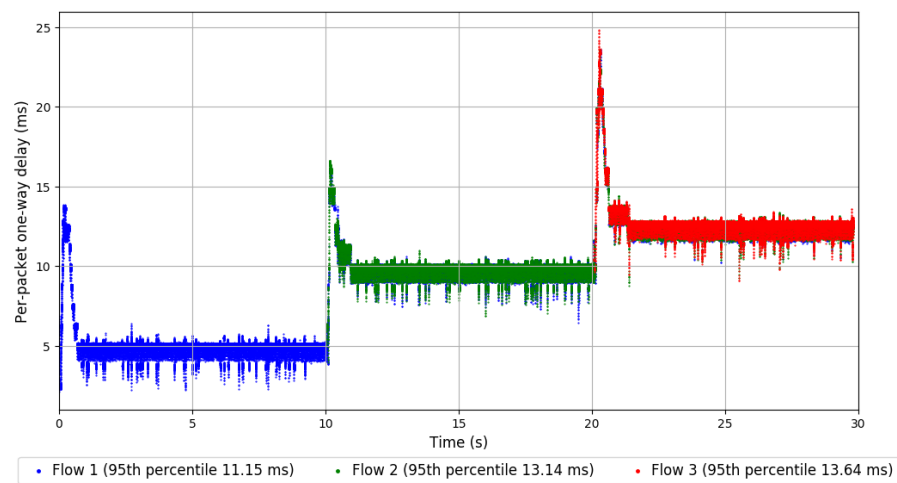
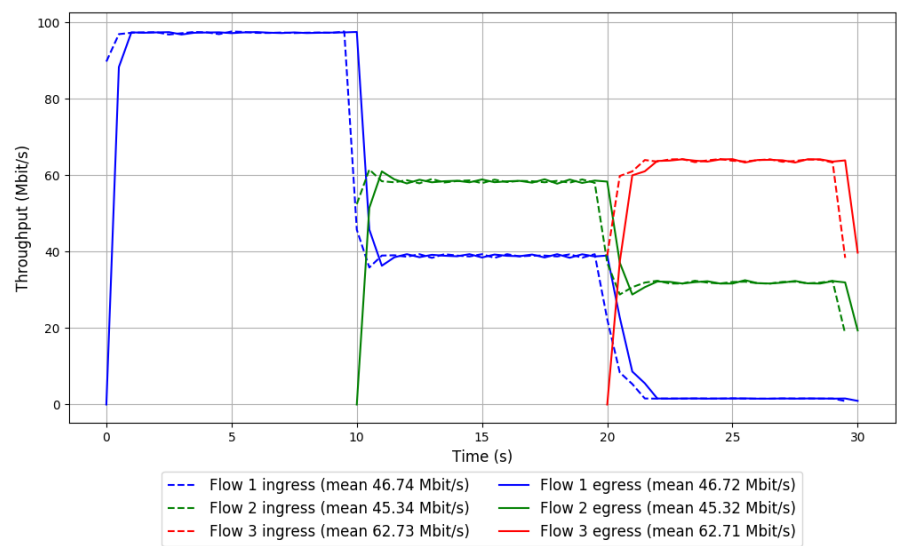


Run 10: Statistics of Indigo

Start at: 2018-08-01 10:48:32
End at: 2018-08-01 10:49:02
Local clock offset: -2.906 ms
Remote clock offset: -6.814 ms

Below is generated by plot.py at 2018-08-01 11:08:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 12.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 11.151 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.32 Mbit/s
95th percentile per-packet one-way delay: 13.139 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.71 Mbit/s
95th percentile per-packet one-way delay: 13.645 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

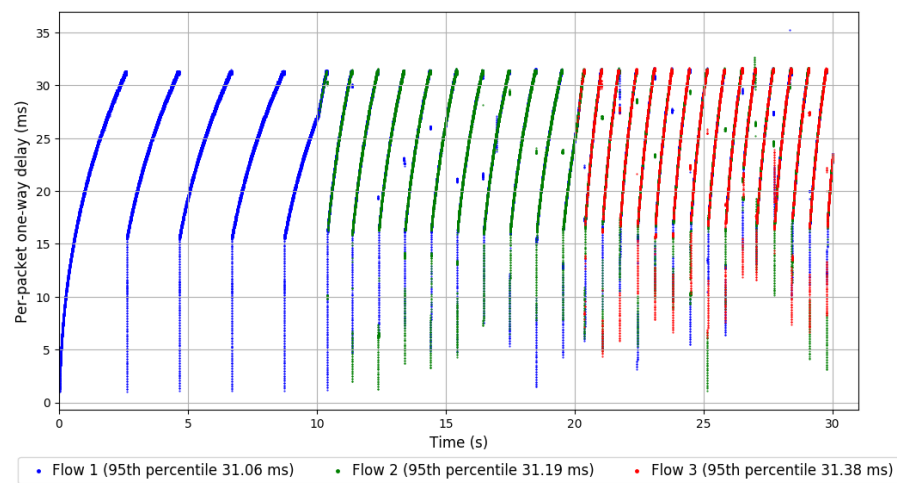
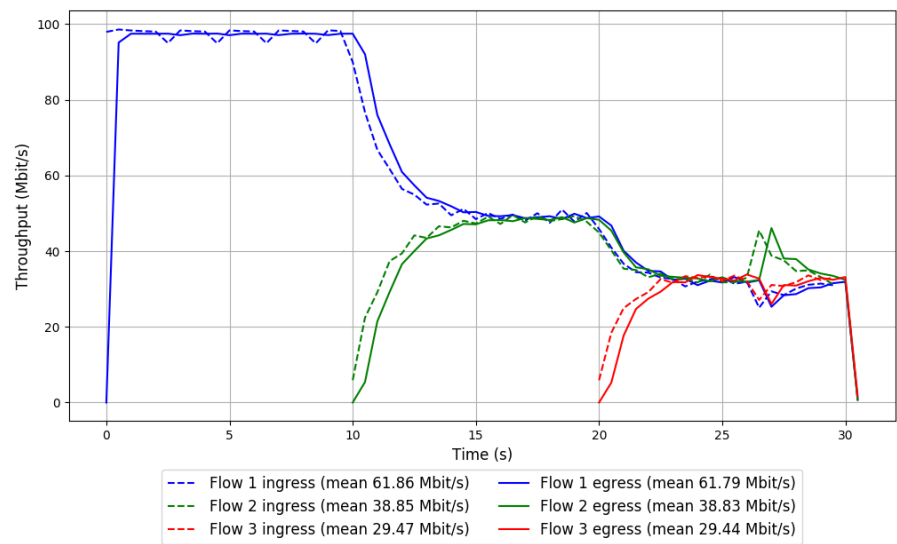


```
Run 1: Statistics of LEDBAT

Start at: 2018-08-01 07:48:00
End at: 2018-08-01 07:48:30
Local clock offset: 5.866 ms
Remote clock offset: -2.95 ms

# Below is generated by plot.py at 2018-08-01 11:08:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 31.128 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 31.059 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 31.190 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 31.375 ms
Loss rate: 0.11%
```


Run 1: Report of LEDBAT — Data Link

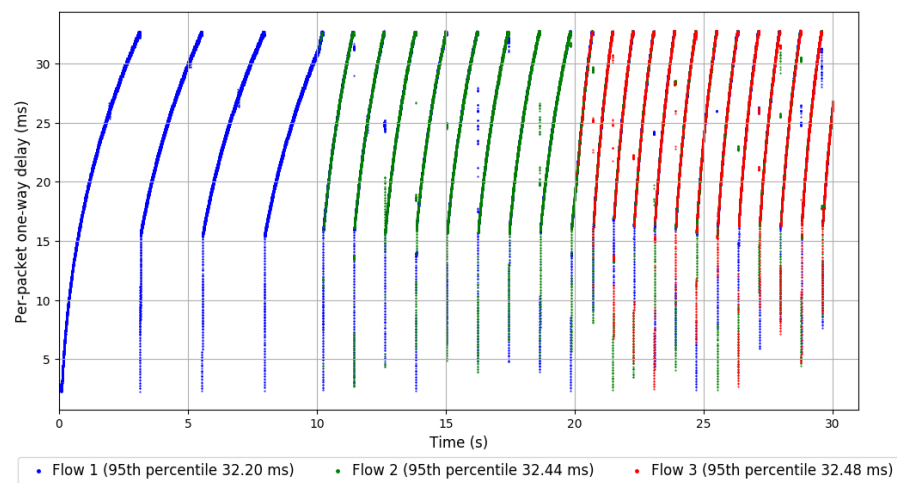
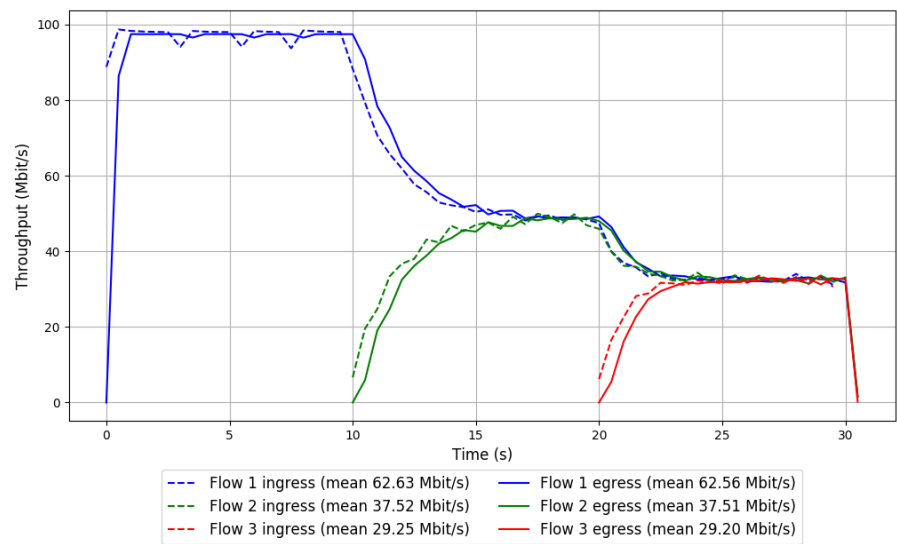


Run 2: Statistics of LEDBAT

Start at: 2018-08-01 08:07:10
End at: 2018-08-01 08:07:40
Local clock offset: 8.98 ms
Remote clock offset: -7.079 ms

Below is generated by plot.py at 2018-08-01 11:08:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 32.255 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.56 Mbit/s
95th percentile per-packet one-way delay: 32.205 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.51 Mbit/s
95th percentile per-packet one-way delay: 32.436 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.20 Mbit/s
95th percentile per-packet one-way delay: 32.479 ms
Loss rate: 0.09%

Run 2: Report of LEDBAT — Data Link

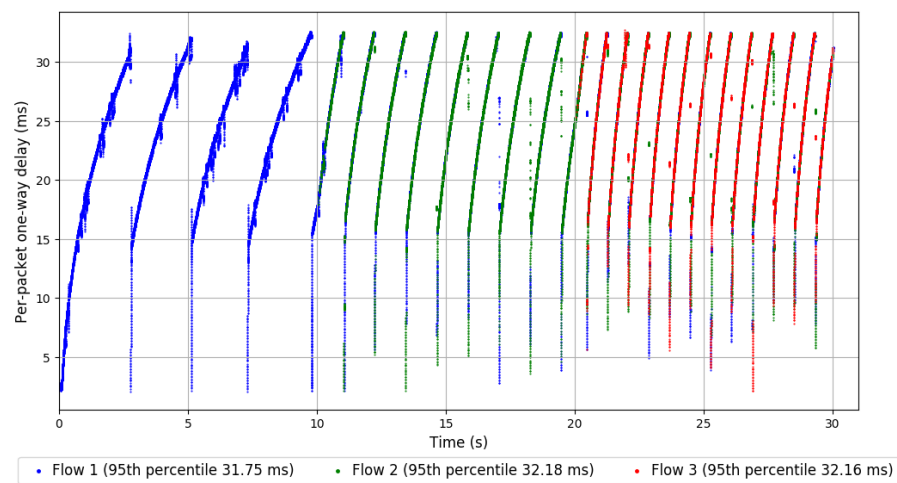
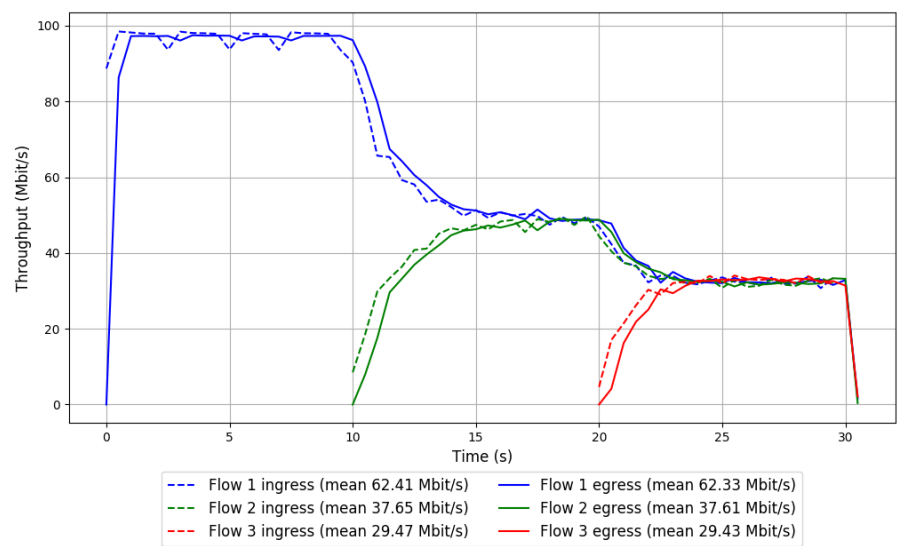


Run 3: Statistics of LEDBAT

Start at: 2018-08-01 08:26:22
End at: 2018-08-01 08:26:52
Local clock offset: 9.49 ms
Remote clock offset: -7.156 ms

Below is generated by plot.py at 2018-08-01 11:09:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 31.957 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.33 Mbit/s
95th percentile per-packet one-way delay: 31.755 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 32.180 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 32.162 ms
Loss rate: 0.08%

Run 3: Report of LEDBAT — Data Link

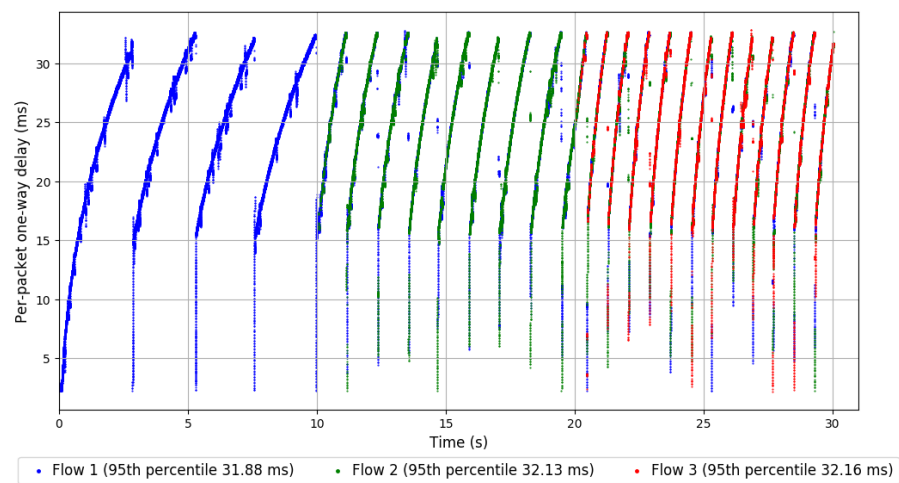
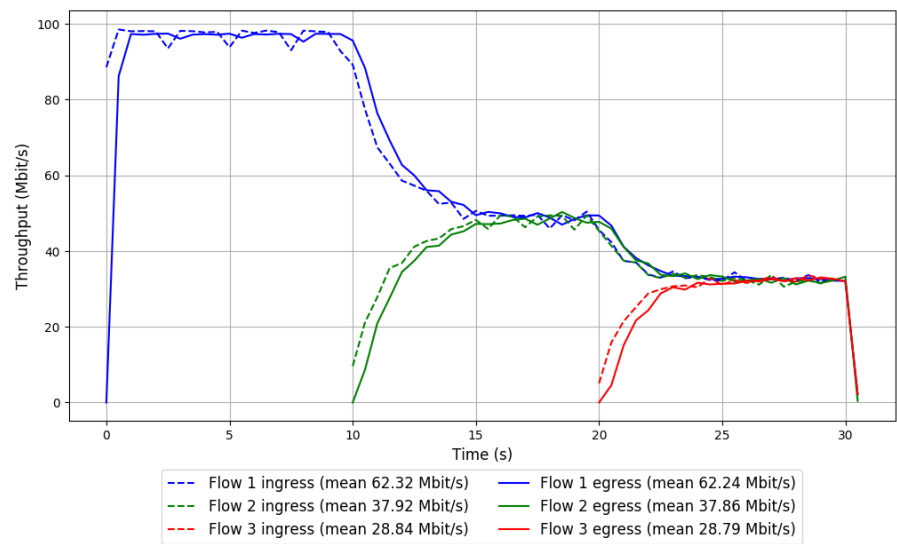


Run 4: Statistics of LEDBAT

Start at: 2018-08-01 08:45:35
End at: 2018-08-01 08:46:05
Local clock offset: 8.25 ms
Remote clock offset: -6.834 ms

Below is generated by plot.py at 2018-08-01 11:09:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 31.923 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.24 Mbit/s
95th percentile per-packet one-way delay: 31.880 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.86 Mbit/s
95th percentile per-packet one-way delay: 32.129 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 28.79 Mbit/s
95th percentile per-packet one-way delay: 32.155 ms
Loss rate: 0.09%

Run 4: Report of LEDBAT — Data Link

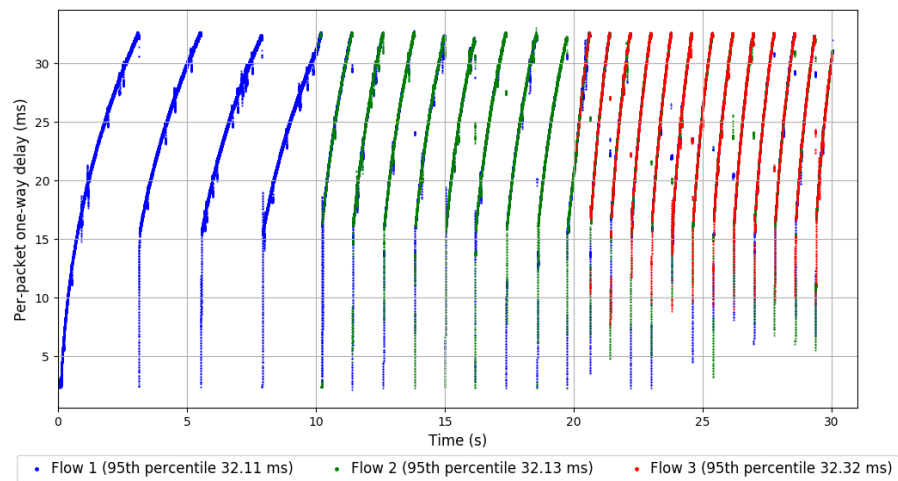
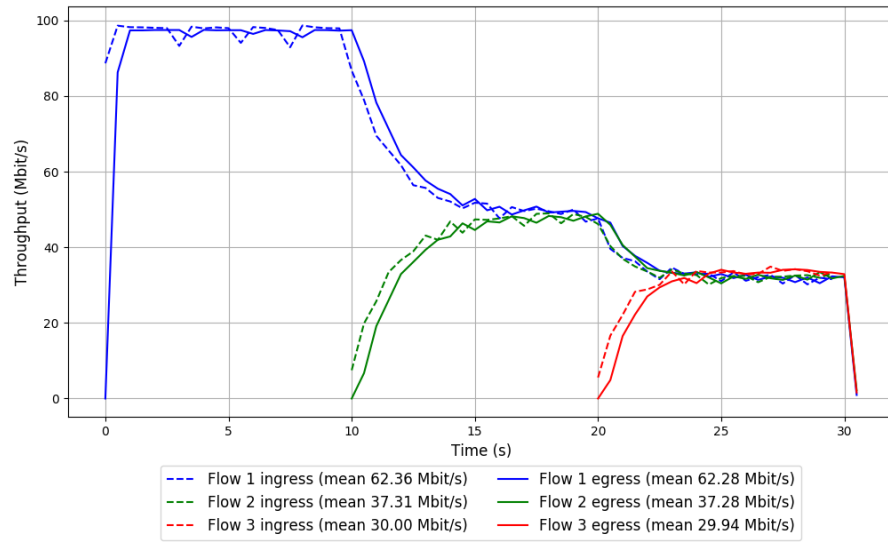


Run 5: Statistics of LEDBAT

Start at: 2018-08-01 09:04:47
End at: 2018-08-01 09:05:17
Local clock offset: 9.122 ms
Remote clock offset: -2.621 ms

Below is generated by plot.py at 2018-08-01 11:09:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 32.127 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.28 Mbit/s
95th percentile per-packet one-way delay: 32.107 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 32.135 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 32.320 ms
Loss rate: 0.10%

Run 5: Report of LEDBAT — Data Link

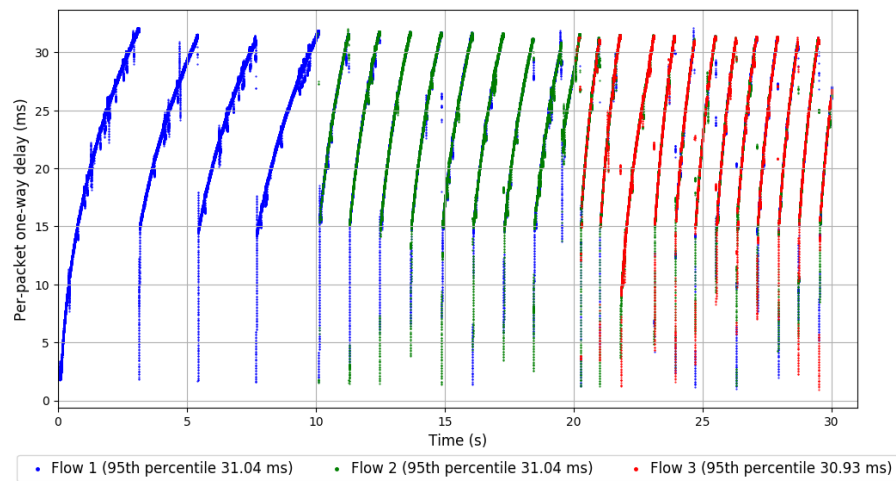
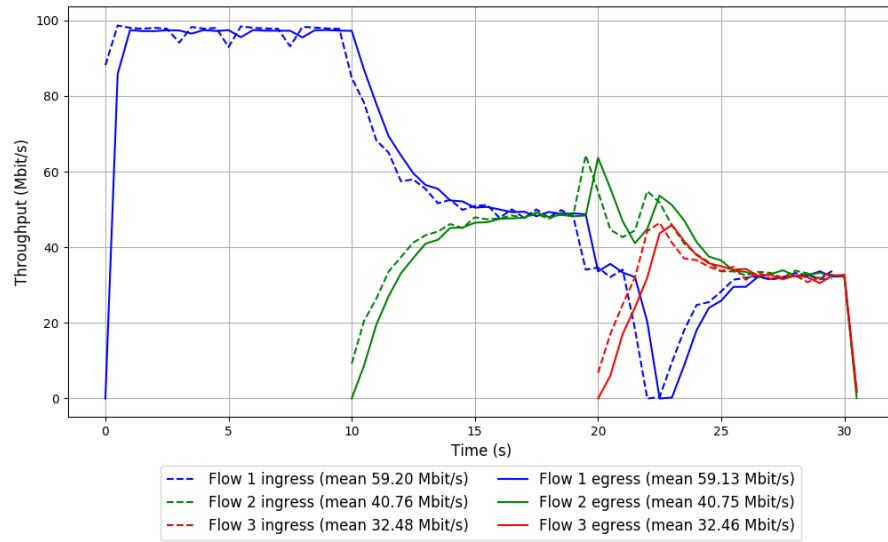


Run 6: Statistics of LEDBAT

Start at: 2018-08-01 09:23:59
End at: 2018-08-01 09:24:29
Local clock offset: 6.872 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-08-01 11:09:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 31.028 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: 31.043 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 40.75 Mbit/s
95th percentile per-packet one-way delay: 31.042 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 30.931 ms
Loss rate: 0.11%

Run 6: Report of LEDBAT — Data Link

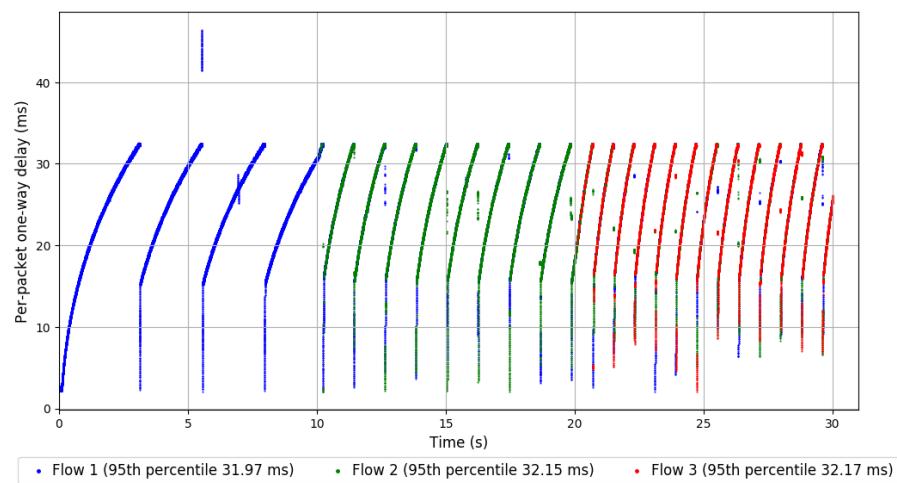
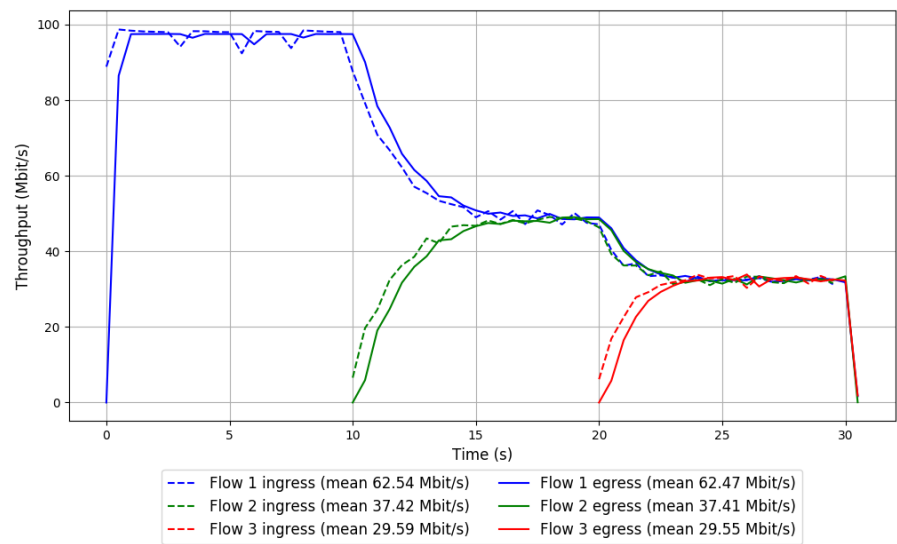


Run 7: Statistics of LEDBAT

Start at: 2018-08-01 09:43:11
End at: 2018-08-01 09:43:41
Local clock offset: -9.692 ms
Remote clock offset: -6.272 ms

Below is generated by plot.py at 2018-08-01 11:09:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 32.004 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.47 Mbit/s
95th percentile per-packet one-way delay: 31.971 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 32.153 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.55 Mbit/s
95th percentile per-packet one-way delay: 32.167 ms
Loss rate: 0.08%

Run 7: Report of LEDBAT — Data Link

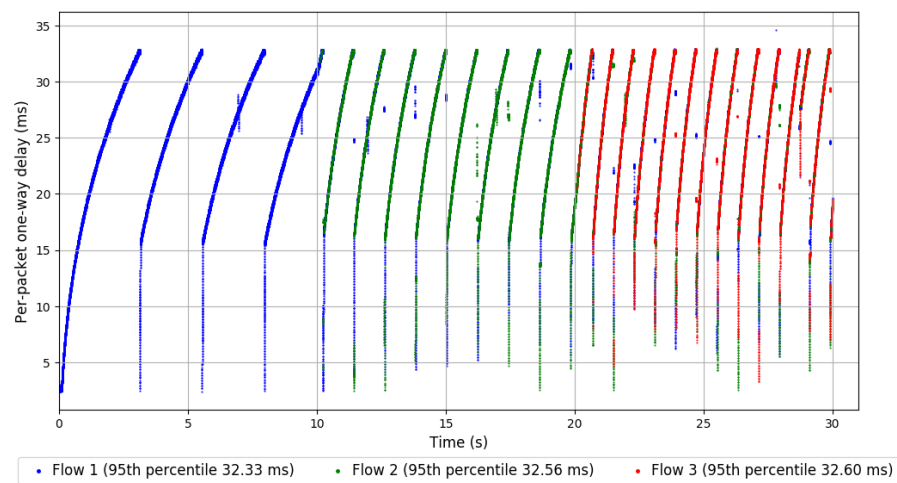
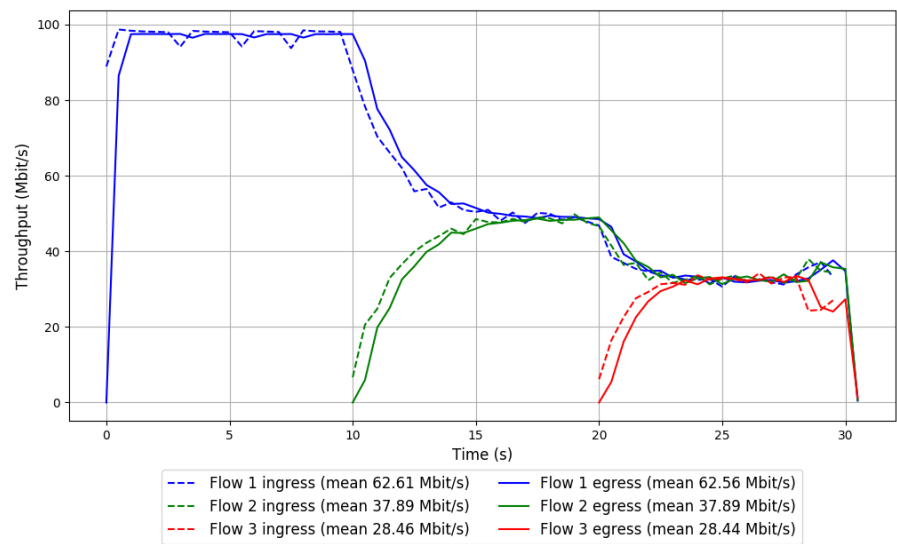


Run 8: Statistics of LEDBAT

Start at: 2018-08-01 10:02:23
End at: 2018-08-01 10:02:53
Local clock offset: -7.12 ms
Remote clock offset: -7.833 ms

Below is generated by plot.py at 2018-08-01 11:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 32.383 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.56 Mbit/s
95th percentile per-packet one-way delay: 32.328 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: 32.559 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.44 Mbit/s
95th percentile per-packet one-way delay: 32.604 ms
Loss rate: 0.10%

Run 8: Report of LEDBAT — Data Link

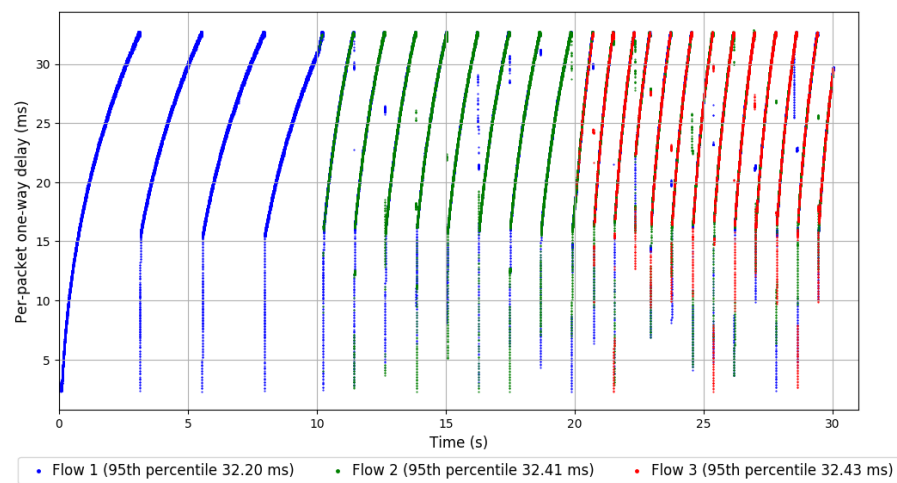
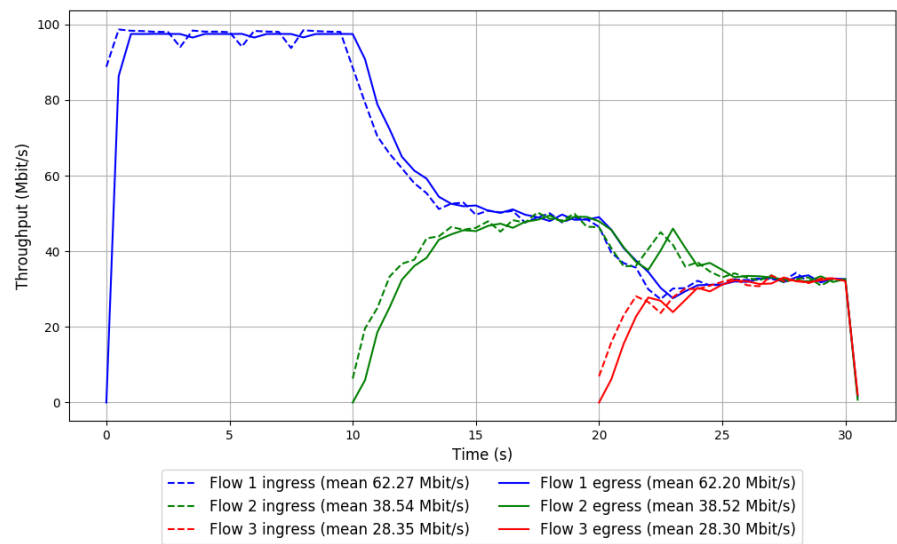


Run 9: Statistics of LEDBAT

Start at: 2018-08-01 10:21:35
End at: 2018-08-01 10:22:05
Local clock offset: -5.974 ms
Remote clock offset: -7.459 ms

Below is generated by plot.py at 2018-08-01 11:09:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 32.235 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.20 Mbit/s
95th percentile per-packet one-way delay: 32.204 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 32.415 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 32.426 ms
Loss rate: 0.07%

Run 9: Report of LEDBAT — Data Link

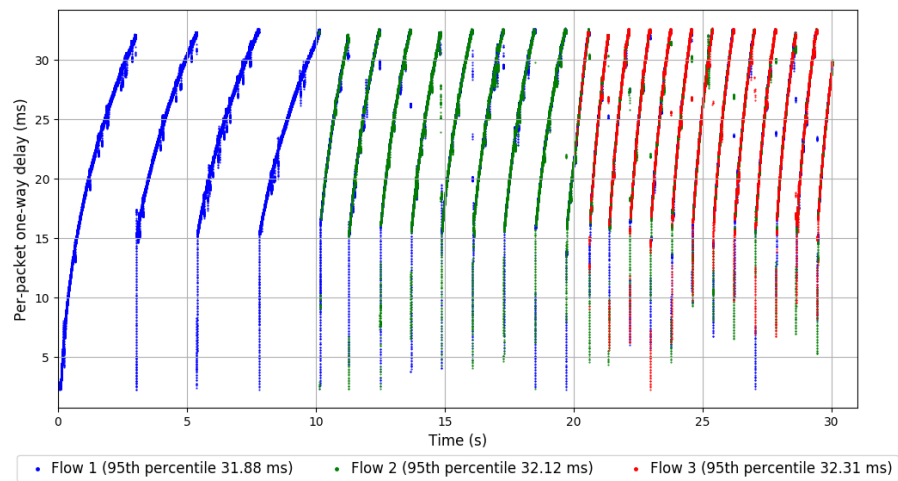
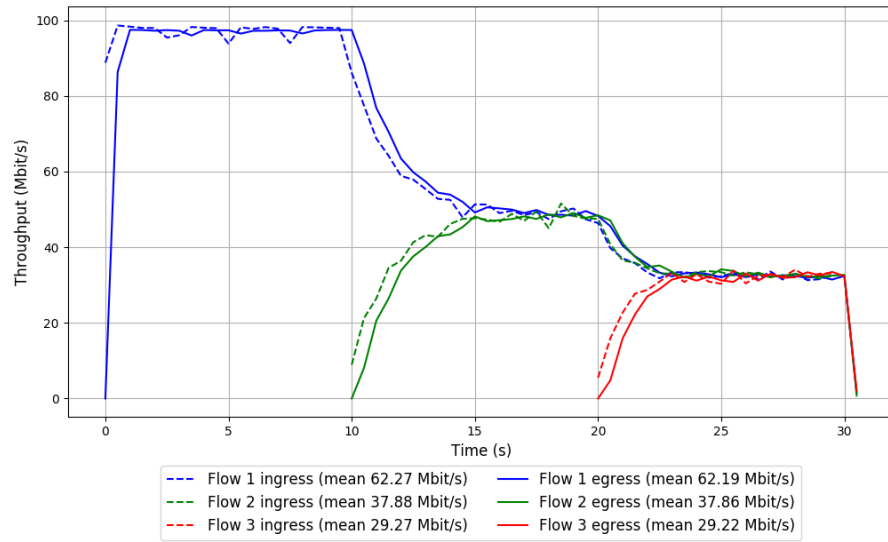


Run 10: Statistics of LEDBAT

Start at: 2018-08-01 10:40:47
End at: 2018-08-01 10:41:17
Local clock offset: -2.97 ms
Remote clock offset: -7.212 ms

Below is generated by plot.py at 2018-08-01 11:09:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 32.074 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.19 Mbit/s
95th percentile per-packet one-way delay: 31.881 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.86 Mbit/s
95th percentile per-packet one-way delay: 32.122 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.22 Mbit/s
95th percentile per-packet one-way delay: 32.308 ms
Loss rate: 0.08%

Run 10: Report of LEDBAT — Data Link

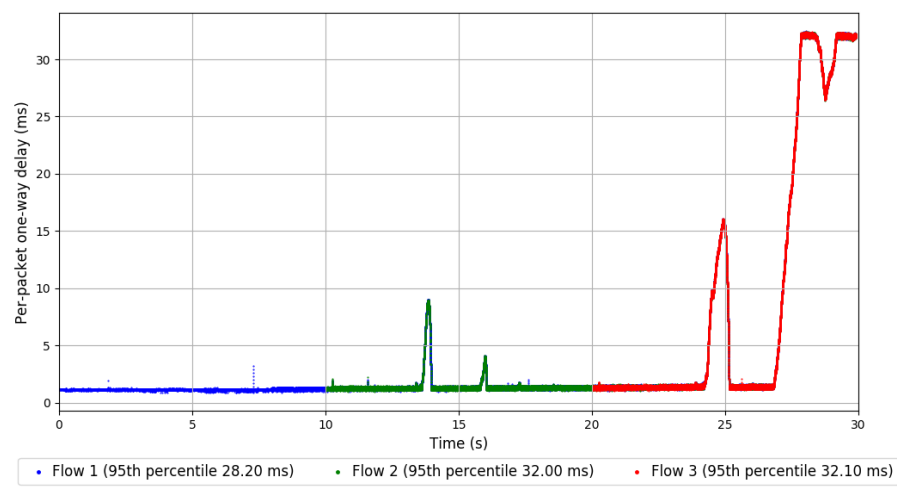
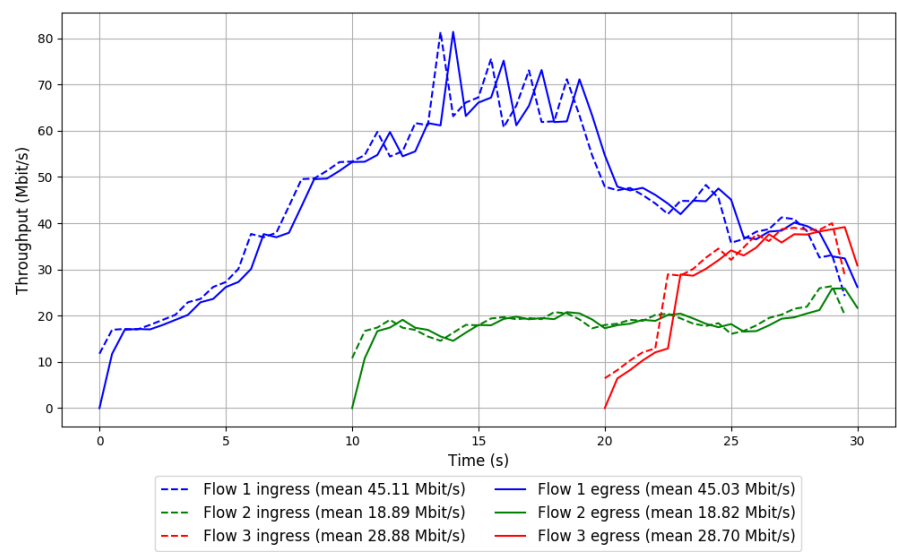


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-01 07:49:09
End at: 2018-08-01 07:49:39
Local clock offset: 5.904 ms
Remote clock offset: -3.461 ms

# Below is generated by plot.py at 2018-08-01 11:10:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 67.04 Mbit/s
95th percentile per-packet one-way delay: 31.939 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 45.03 Mbit/s
95th percentile per-packet one-way delay: 28.202 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 18.82 Mbit/s
95th percentile per-packet one-way delay: 31.996 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 28.70 Mbit/s
95th percentile per-packet one-way delay: 32.098 ms
Loss rate: 0.33%
```

Run 1: Report of PCC-Allegro — Data Link

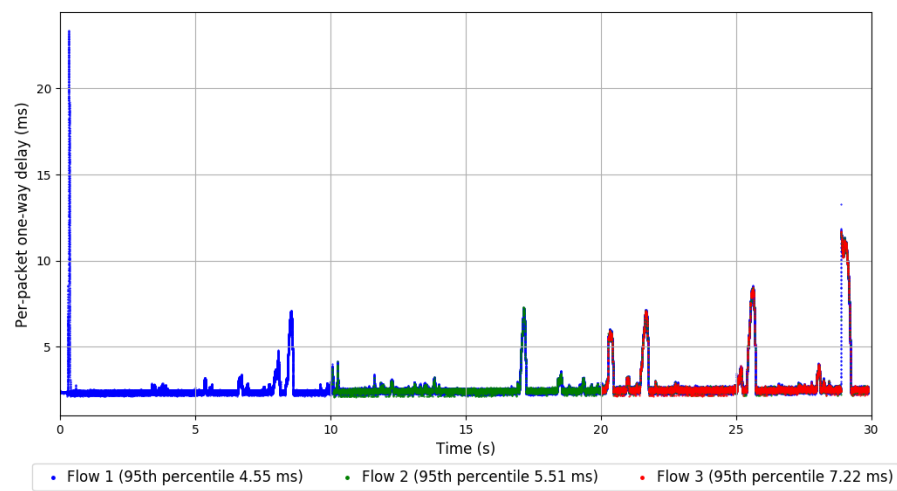
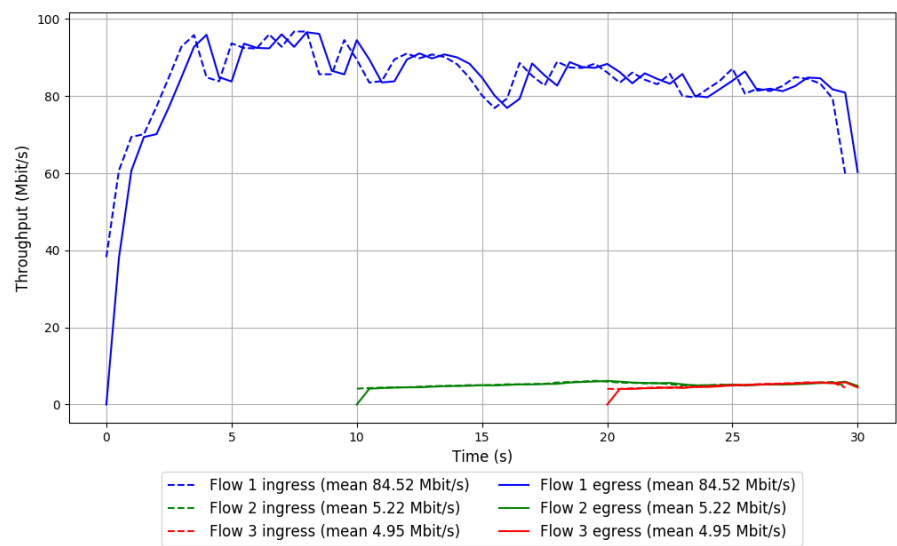


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-01 08:08:18
End at: 2018-08-01 08:08:48
Local clock offset: 9.123 ms
Remote clock offset: -7.208 ms

Below is generated by plot.py at 2018-08-01 11:10:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.62 Mbit/s
95th percentile per-packet one-way delay: 4.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.52 Mbit/s
95th percentile per-packet one-way delay: 4.549 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 5.509 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.95 Mbit/s
95th percentile per-packet one-way delay: 7.224 ms
Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

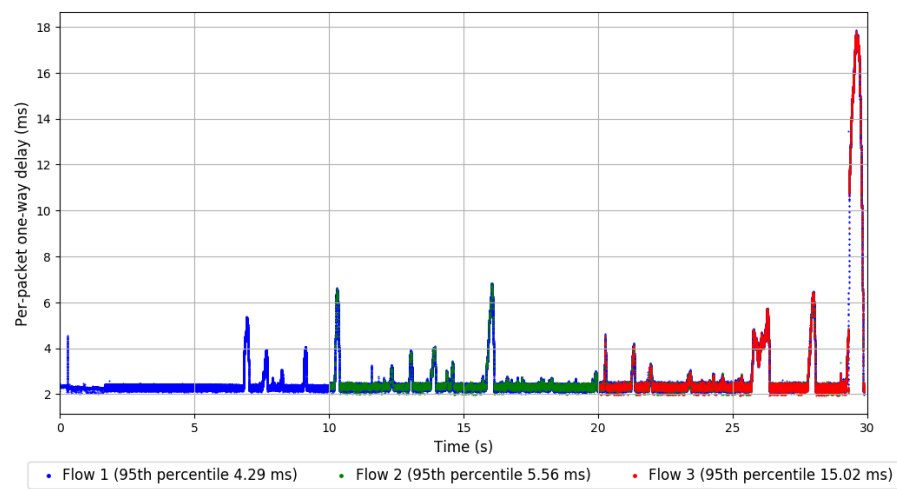
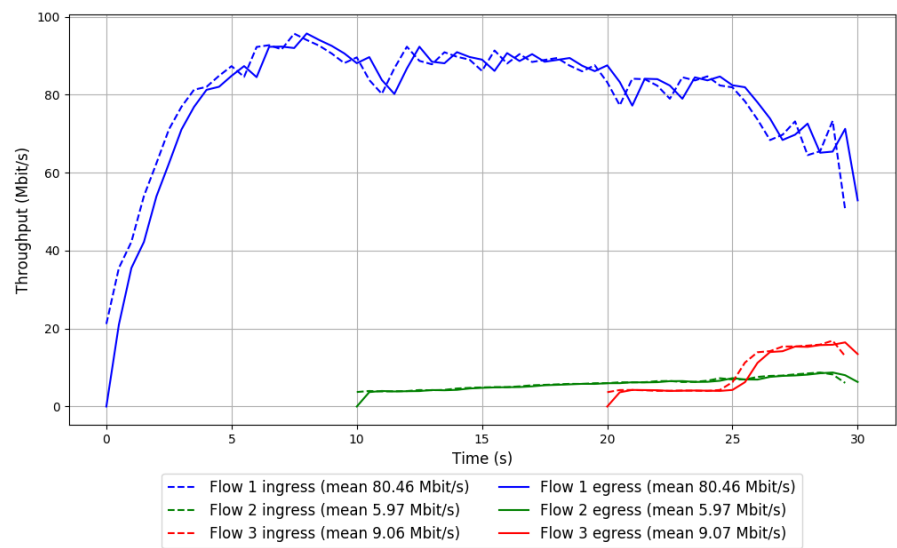


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-01 08:27:31
End at: 2018-08-01 08:28:01
Local clock offset: 9.26 ms
Remote clock offset: -7.083 ms

Below is generated by plot.py at 2018-08-01 11:10:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.43 Mbit/s
95th percentile per-packet one-way delay: 4.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.46 Mbit/s
95th percentile per-packet one-way delay: 4.289 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.97 Mbit/s
95th percentile per-packet one-way delay: 5.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 15.019 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link

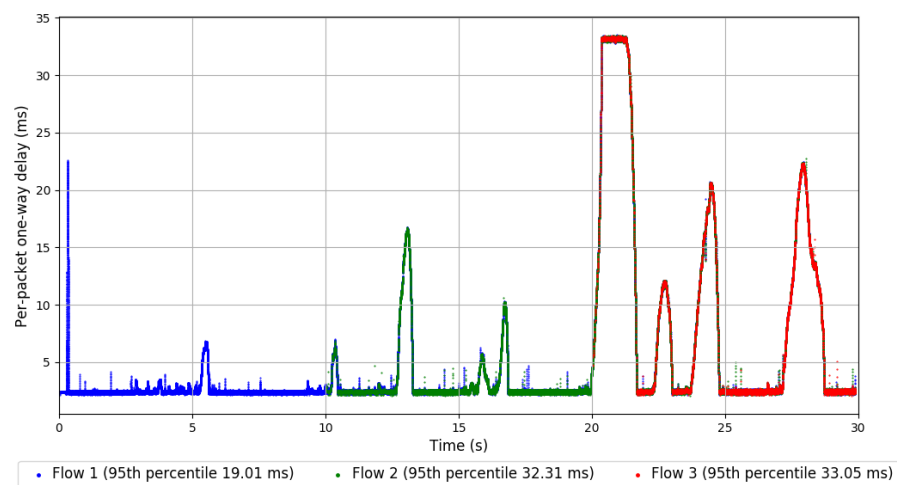
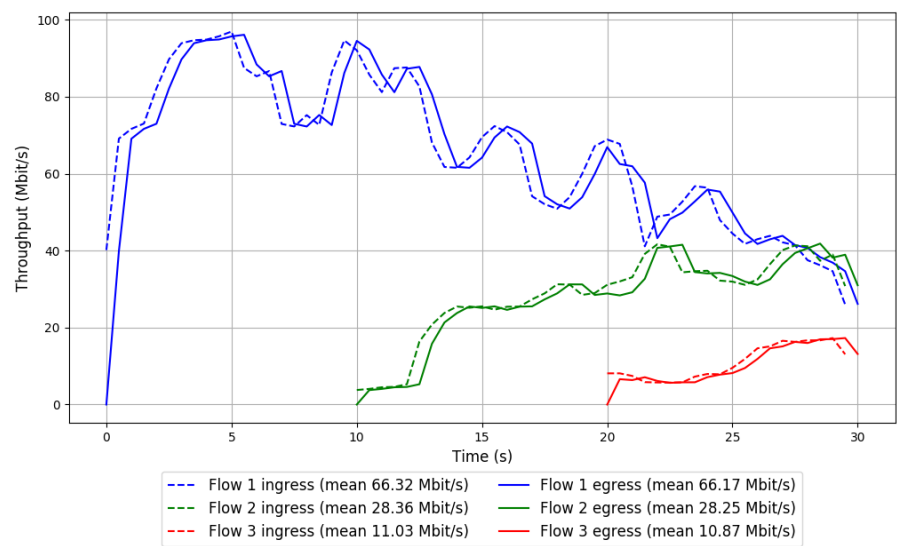


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-01 08:46:43
End at: 2018-08-01 08:47:13
Local clock offset: 8.269 ms
Remote clock offset: -6.803 ms

Below is generated by plot.py at 2018-08-01 11:10:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.53 Mbit/s
95th percentile per-packet one-way delay: 21.522 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 66.17 Mbit/s
95th percentile per-packet one-way delay: 19.010 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 28.25 Mbit/s
95th percentile per-packet one-way delay: 32.311 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 33.051 ms
Loss rate: 1.50%

Run 4: Report of PCC-Allegro — Data Link

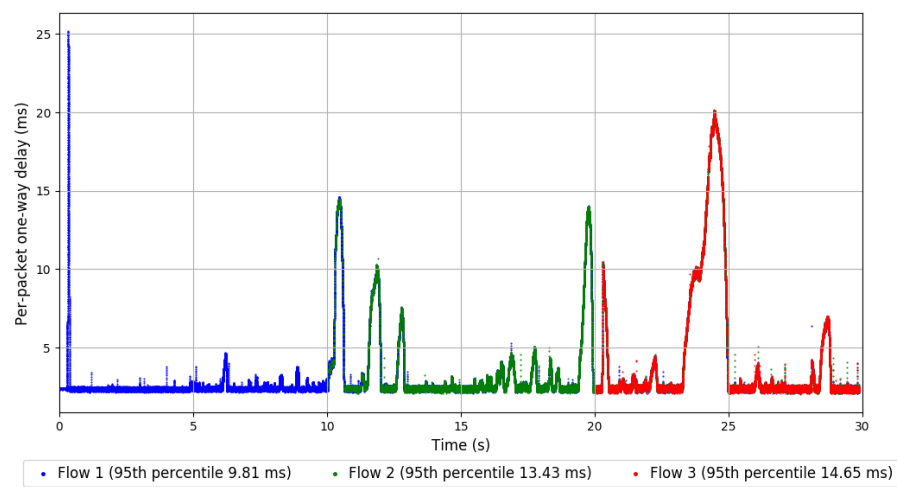
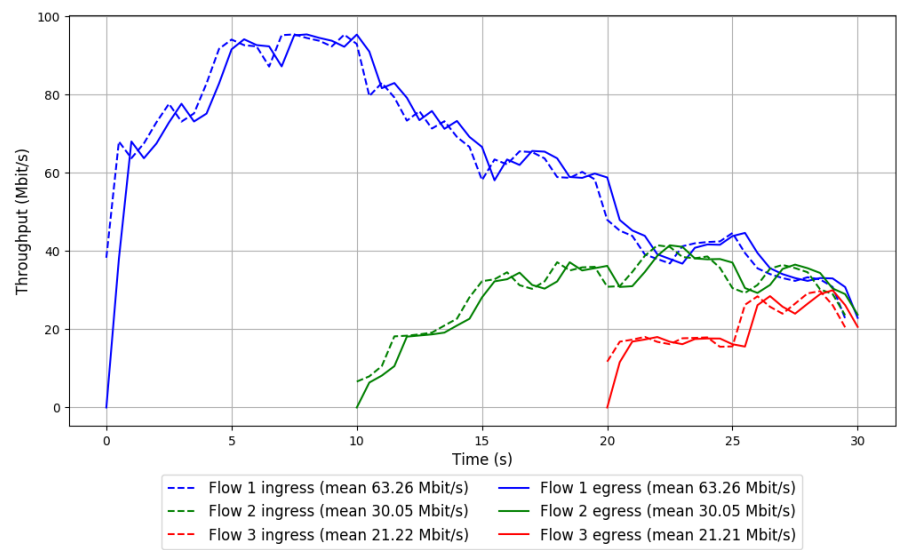


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-01 09:05:55
End at: 2018-08-01 09:06:25
Local clock offset: 9.184 ms
Remote clock offset: -2.393 ms

Below is generated by plot.py at 2018-08-01 11:10:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.24 Mbit/s
95th percentile per-packet one-way delay: 10.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: 9.812 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.05 Mbit/s
95th percentile per-packet one-way delay: 13.434 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.21 Mbit/s
95th percentile per-packet one-way delay: 14.647 ms
Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link

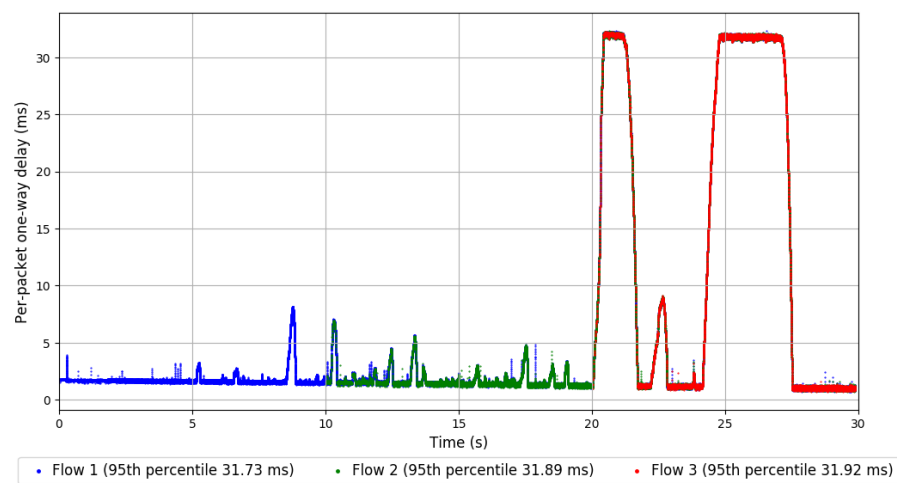
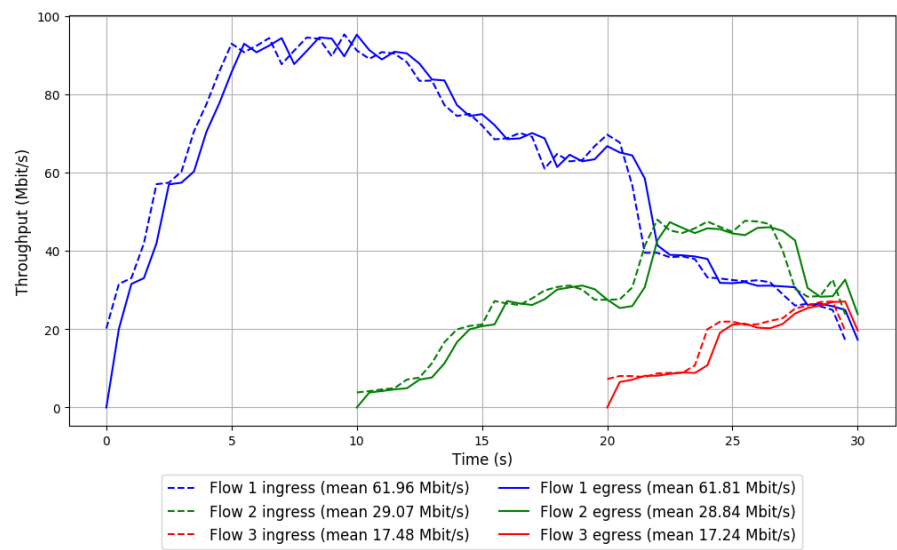


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-01 09:25:07
End at: 2018-08-01 09:25:37
Local clock offset: 5.053 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-08-01 11:10:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 31.832 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 61.81 Mbit/s
95th percentile per-packet one-way delay: 31.729 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 31.892 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 17.24 Mbit/s
95th percentile per-packet one-way delay: 31.921 ms
Loss rate: 1.35%

Run 6: Report of PCC-Allegro — Data Link

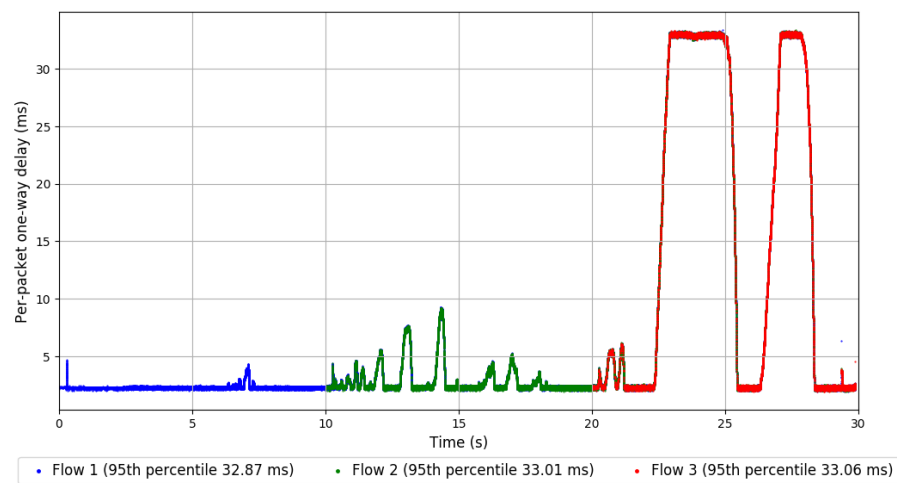
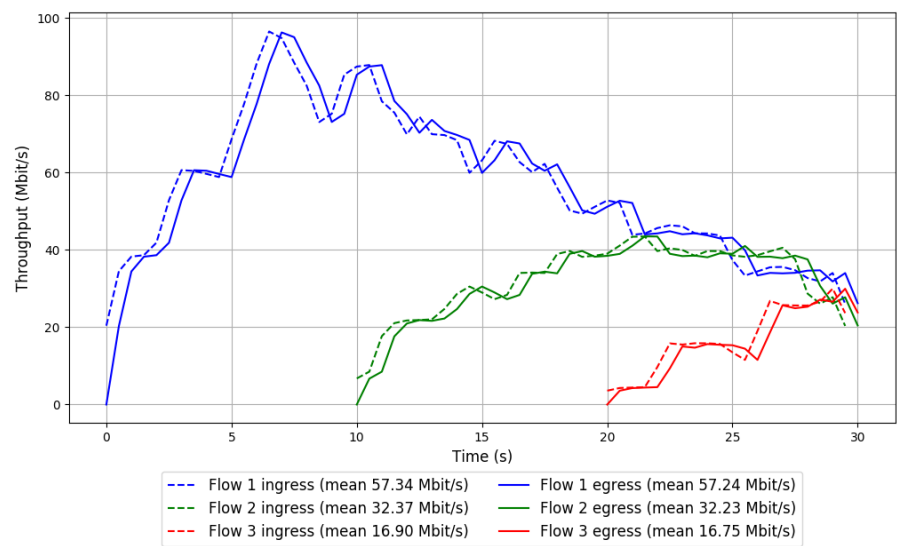


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-01 09:44:20
End at: 2018-08-01 09:44:50
Local clock offset: -10.104 ms
Remote clock offset: -6.39 ms

```
# Below is generated by plot.py at 2018-08-01 11:10:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.19 Mbit/s
95th percentile per-packet one-way delay: 32.960 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 57.24 Mbit/s
95th percentile per-packet one-way delay: 32.866 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 33.009 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 16.75 Mbit/s
95th percentile per-packet one-way delay: 33.065 ms
Loss rate: 0.89%
```


Run 7: Report of PCC-Allegro — Data Link

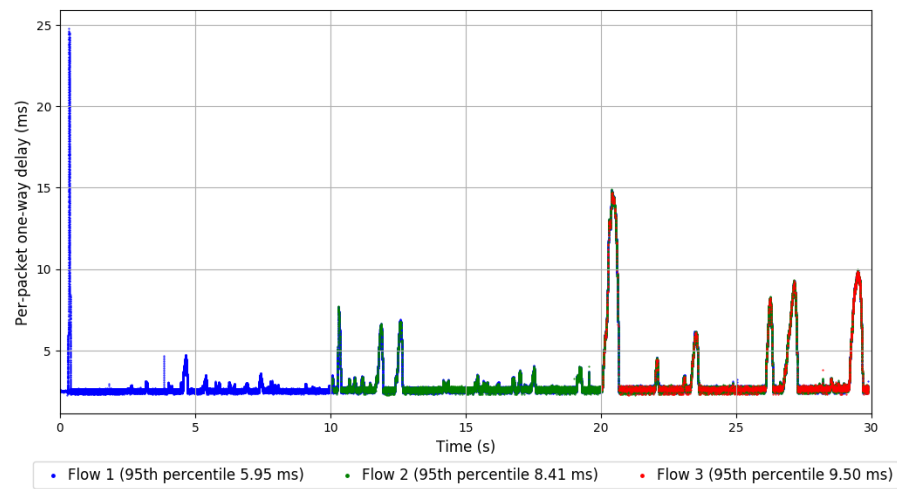
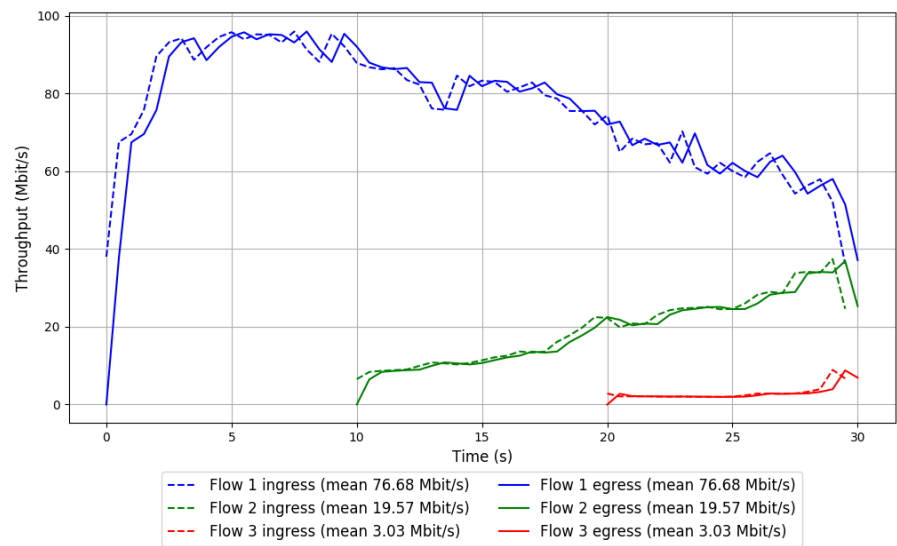


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-01 10:03:32
End at: 2018-08-01 10:04:02
Local clock offset: -6.865 ms
Remote clock offset: -7.764 ms

Below is generated by plot.py at 2018-08-01 11:11:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 6.395 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.68 Mbit/s
95th percentile per-packet one-way delay: 5.946 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.57 Mbit/s
95th percentile per-packet one-way delay: 8.415 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.03 Mbit/s
95th percentile per-packet one-way delay: 9.501 ms
Loss rate: 0.00%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-08-01 10:22:44

End at: 2018-08-01 10:23:14

Local clock offset: -5.905 ms

Remote clock offset: -7.54 ms

Below is generated by plot.py at 2018-08-01 11:11:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.84 Mbit/s

95th percentile per-packet one-way delay: 10.682 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 73.06 Mbit/s

95th percentile per-packet one-way delay: 9.703 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 18.46 Mbit/s

95th percentile per-packet one-way delay: 13.939 ms

Loss rate: 0.00%

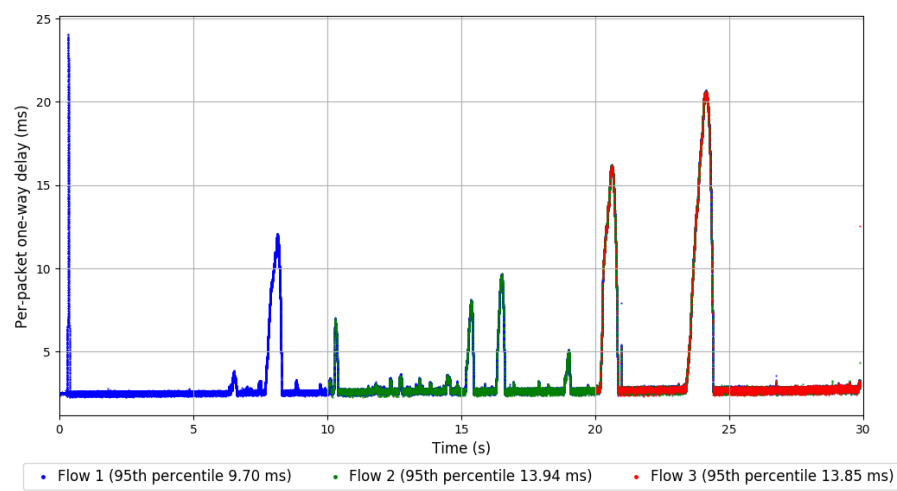
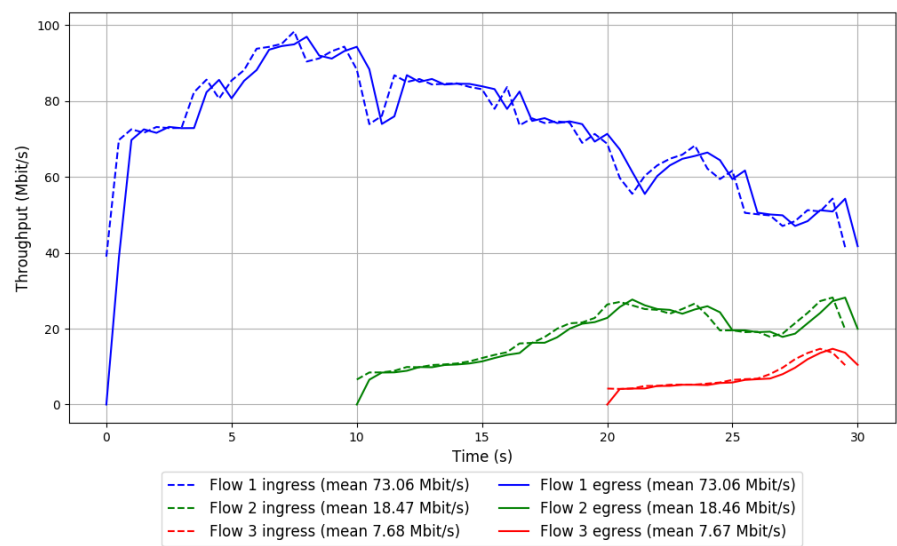
-- Flow 3:

Average throughput: 7.67 Mbit/s

95th percentile per-packet one-way delay: 13.853 ms

Loss rate: 0.00%

Run 9: Report of PCC-Allegro — Data Link

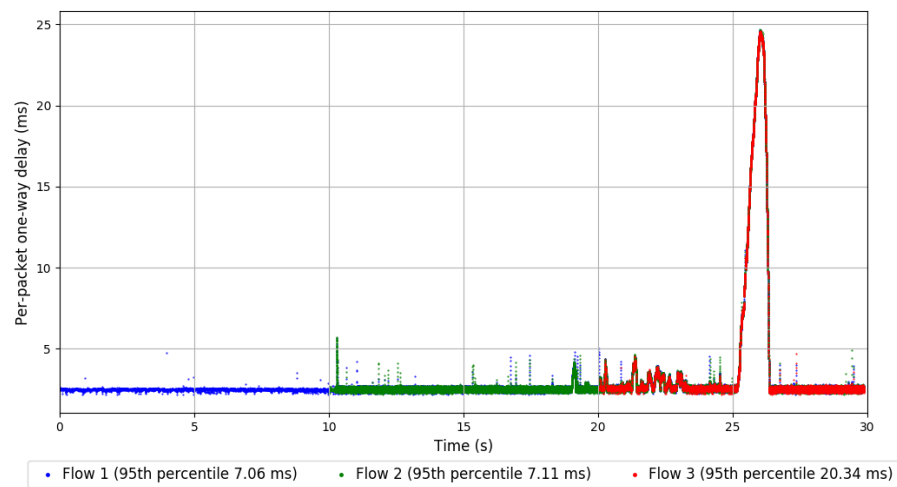
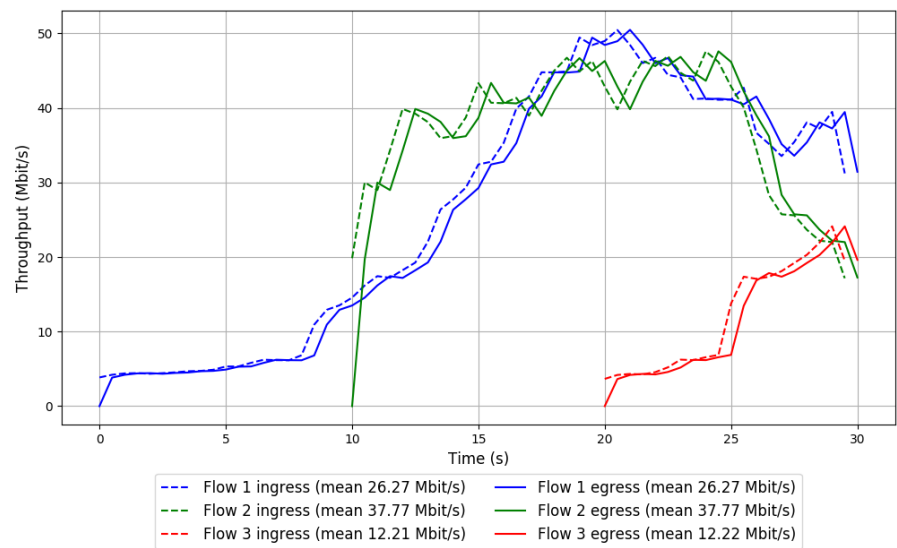


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-01 10:41:56
End at: 2018-08-01 10:42:26
Local clock offset: -3.0 ms
Remote clock offset: -7.084 ms

Below is generated by plot.py at 2018-08-01 11:11:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 9.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.27 Mbit/s
95th percentile per-packet one-way delay: 7.061 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.77 Mbit/s
95th percentile per-packet one-way delay: 7.113 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.22 Mbit/s
95th percentile per-packet one-way delay: 20.335 ms
Loss rate: 0.00%

Run 10: Report of PCC-Allegro — Data Link

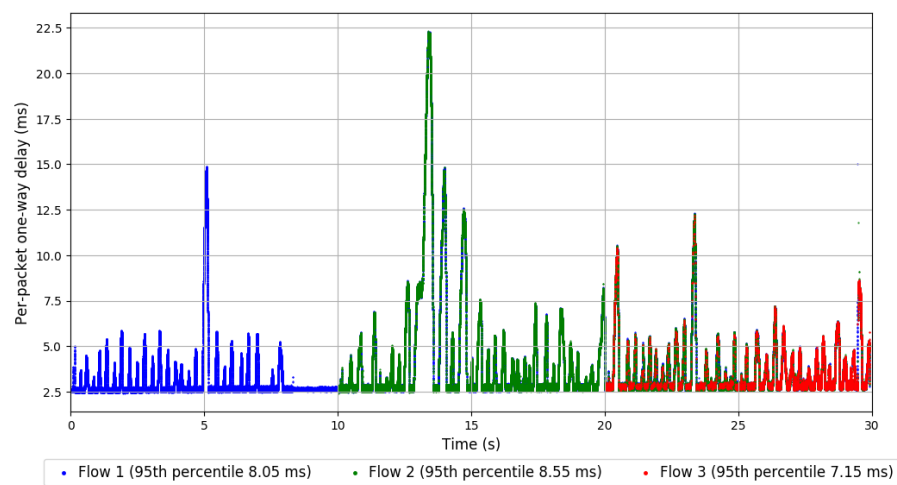
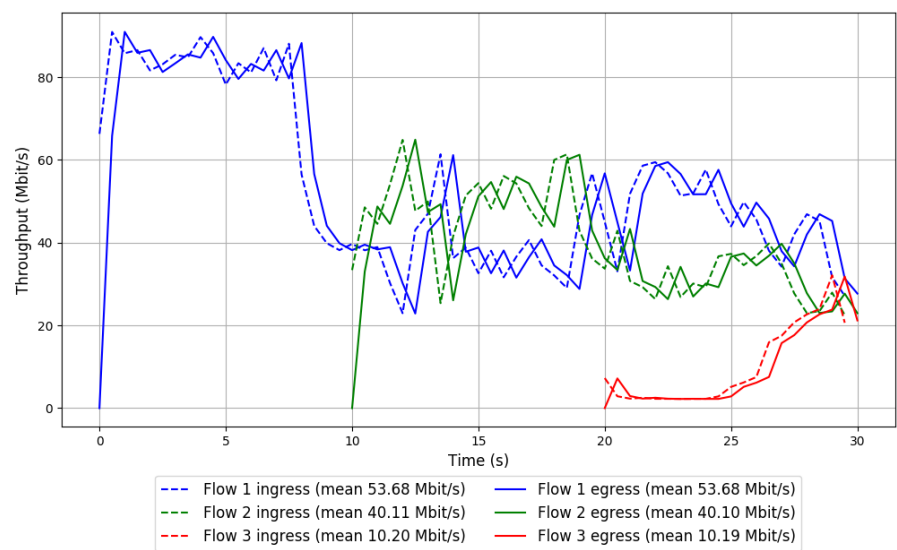


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-01 07:58:03
End at: 2018-08-01 07:58:33
Local clock offset: 7.406 ms
Remote clock offset: -5.991 ms

# Below is generated by plot.py at 2018-08-01 11:12:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.72 Mbit/s
95th percentile per-packet one-way delay: 8.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: 8.048 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 8.546 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.19 Mbit/s
95th percentile per-packet one-way delay: 7.149 ms
Loss rate: 0.00%
```


Run 1: Report of PCC-Expr — Data Link

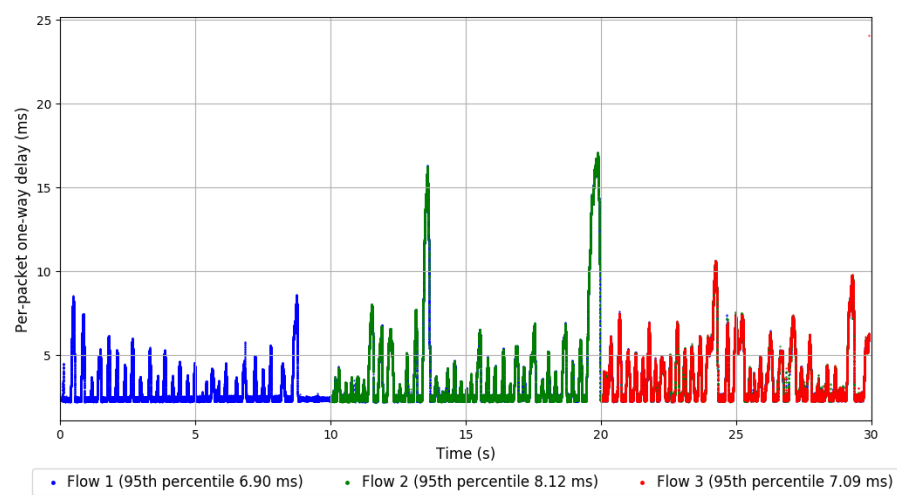
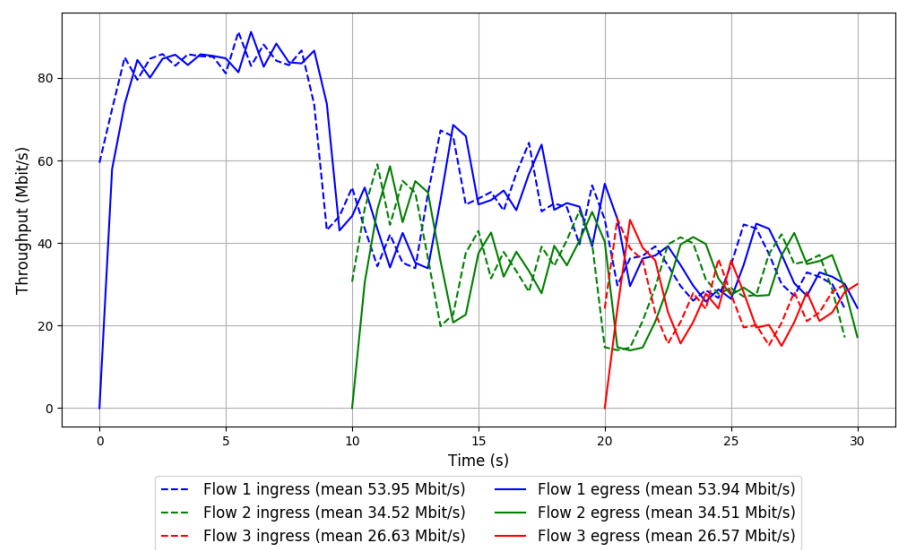


Run 2: Statistics of PCC-Expr

Start at: 2018-08-01 08:17:15
End at: 2018-08-01 08:17:45
Local clock offset: 10.124 ms
Remote clock offset: -7.651 ms

Below is generated by plot.py at 2018-08-01 11:12:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.64 Mbit/s
95th percentile per-packet one-way delay: 7.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.94 Mbit/s
95th percentile per-packet one-way delay: 6.898 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.51 Mbit/s
95th percentile per-packet one-way delay: 8.118 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.57 Mbit/s
95th percentile per-packet one-way delay: 7.088 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

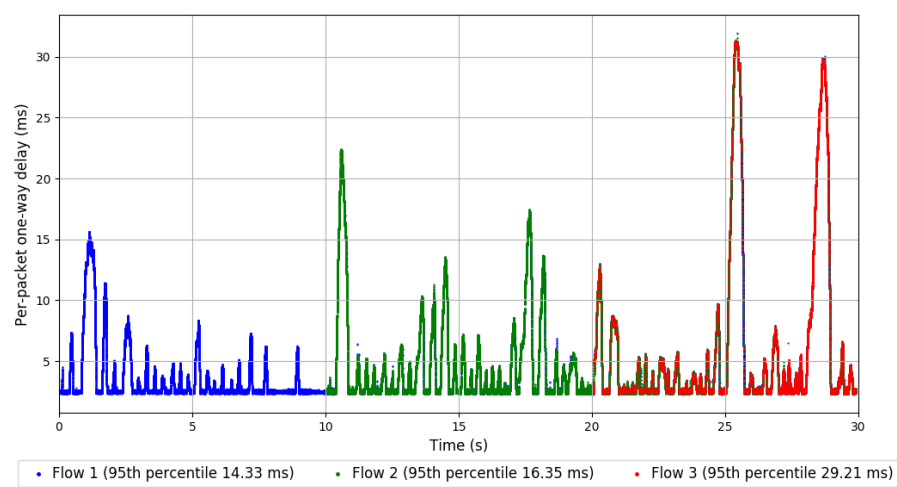
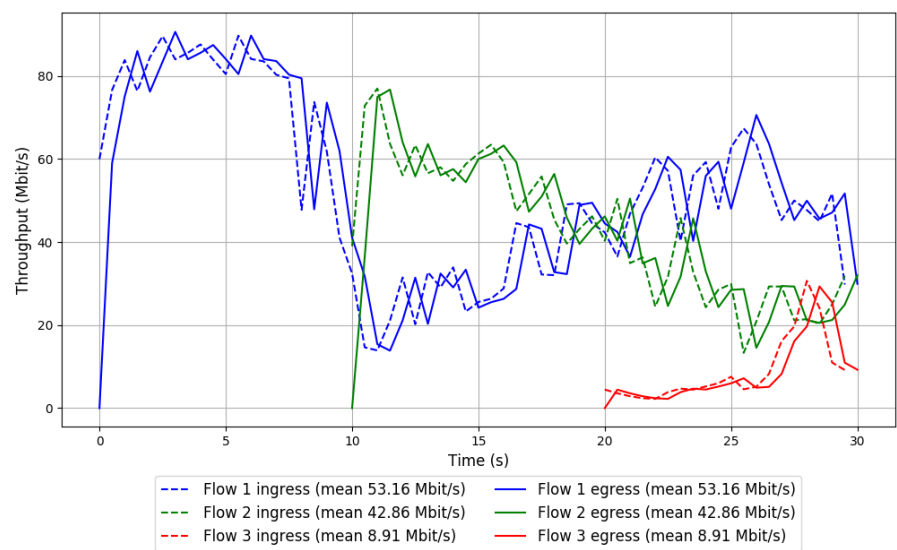


Run 3: Statistics of PCC-Expr

Start at: 2018-08-01 08:36:28
End at: 2018-08-01 08:36:58
Local clock offset: 8.316 ms
Remote clock offset: -6.793 ms

Below is generated by plot.py at 2018-08-01 11:12:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.61 Mbit/s
95th percentile per-packet one-way delay: 16.081 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.16 Mbit/s
95th percentile per-packet one-way delay: 14.329 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.86 Mbit/s
95th percentile per-packet one-way delay: 16.354 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 29.211 ms
Loss rate: 0.01%

Run 3: Report of PCC-Expr — Data Link

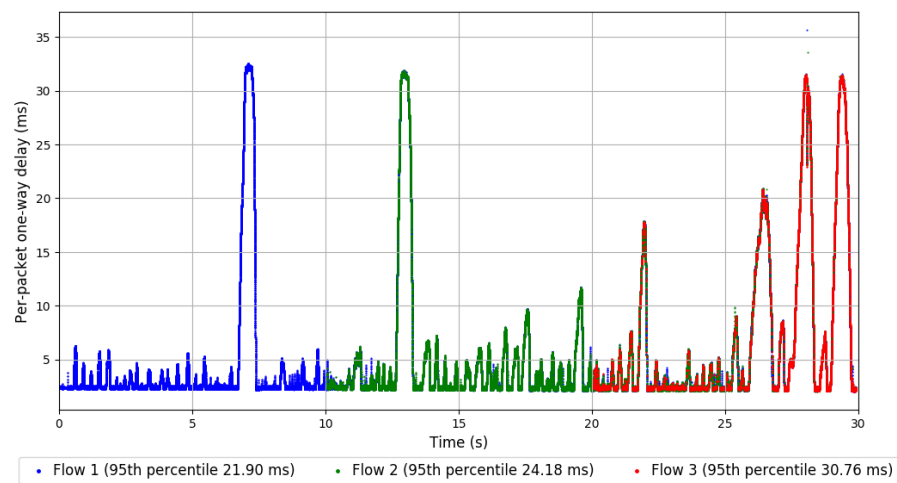
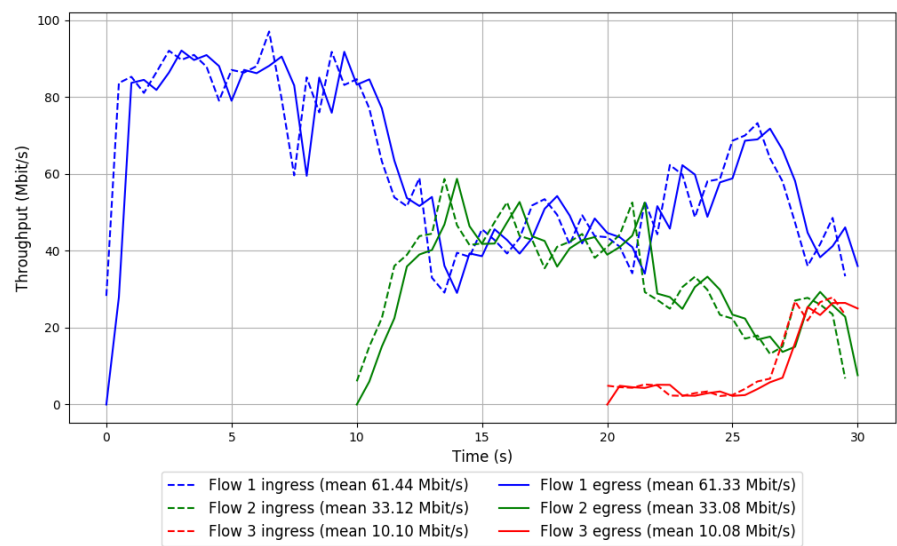


Run 4: Statistics of PCC-Expr

Start at: 2018-08-01 08:55:40
End at: 2018-08-01 08:56:10
Local clock offset: 8.541 ms
Remote clock offset: -5.712 ms

Below is generated by plot.py at 2018-08-01 11:12:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 24.844 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 61.33 Mbit/s
95th percentile per-packet one-way delay: 21.901 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 33.08 Mbit/s
95th percentile per-packet one-way delay: 24.182 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 10.08 Mbit/s
95th percentile per-packet one-way delay: 30.759 ms
Loss rate: 0.18%

Run 4: Report of PCC-Expr — Data Link

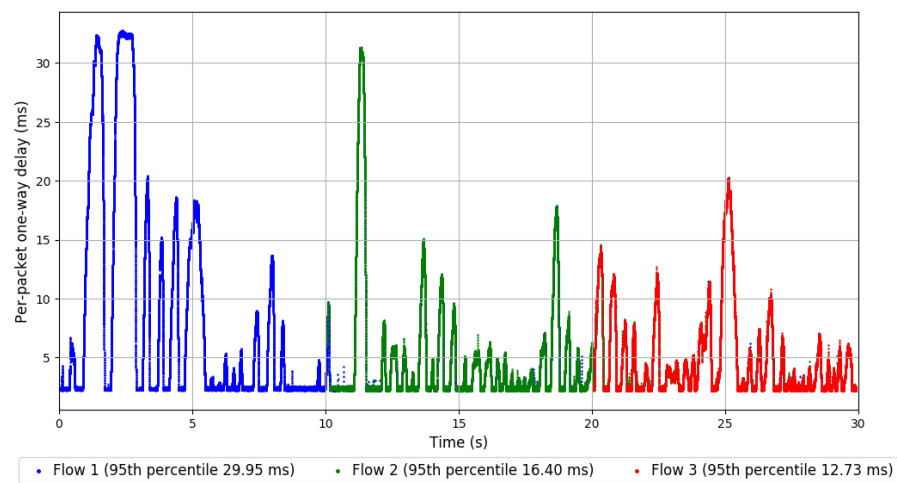
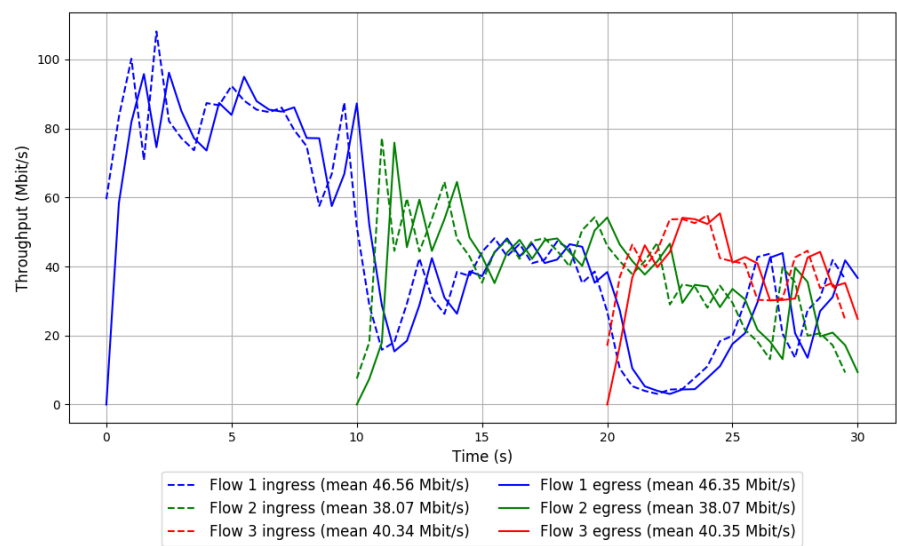


Run 5: Statistics of PCC-Expr

Start at: 2018-08-01 09:14:51
End at: 2018-08-01 09:15:21
Local clock offset: 9.591 ms
Remote clock offset: -1.116 ms

Below is generated by plot.py at 2018-08-01 11:12:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.99 Mbit/s
95th percentile per-packet one-way delay: 22.510 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 46.35 Mbit/s
95th percentile per-packet one-way delay: 29.951 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 16.400 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 12.733 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

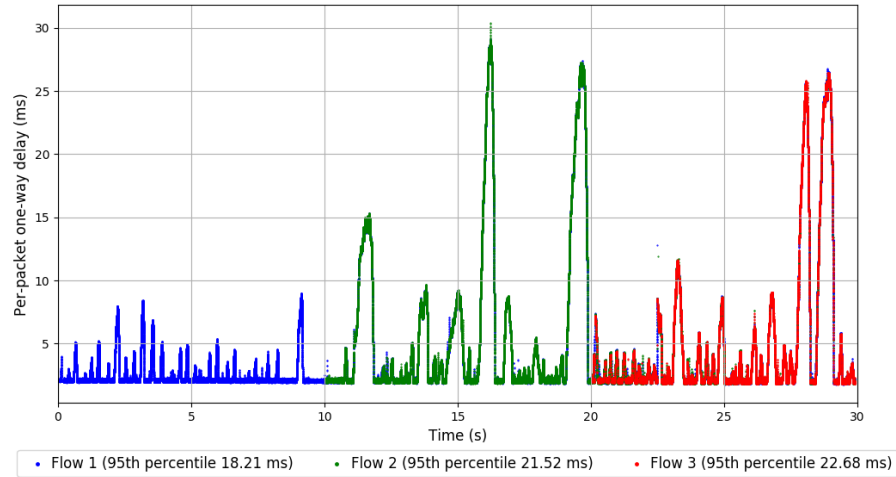
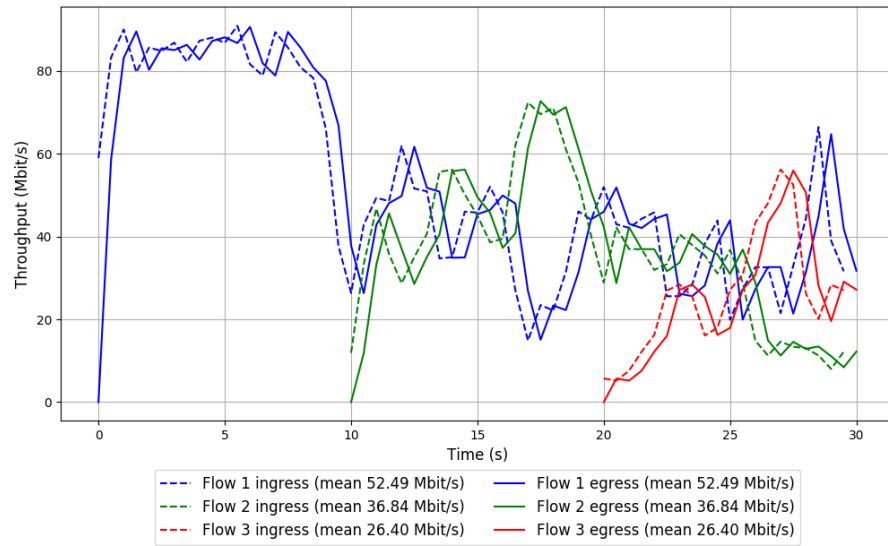


Run 6: Statistics of PCC-Expr

Start at: 2018-08-01 09:34:04
End at: 2018-08-01 09:34:34
Local clock offset: -4.854 ms
Remote clock offset: -3.767 ms

Below is generated by plot.py at 2018-08-01 11:12:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.71 Mbit/s
95th percentile per-packet one-way delay: 19.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.49 Mbit/s
95th percentile per-packet one-way delay: 18.213 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.84 Mbit/s
95th percentile per-packet one-way delay: 21.524 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.40 Mbit/s
95th percentile per-packet one-way delay: 22.681 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link

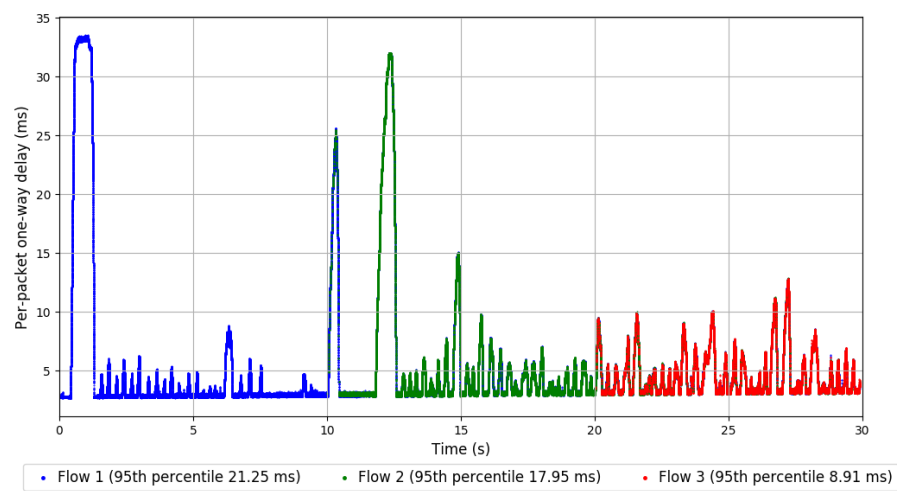
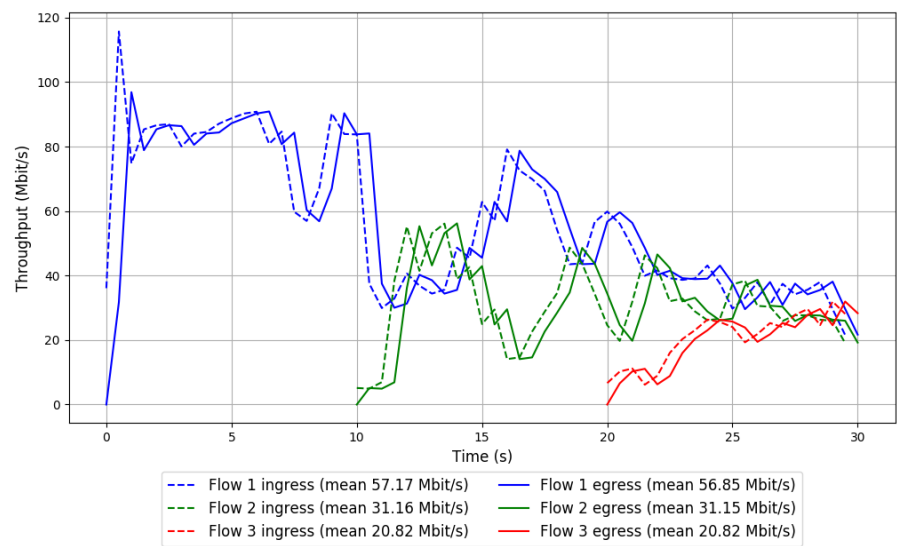


Run 7: Statistics of PCC-Expr

Start at: 2018-08-01 09:53:16
End at: 2018-08-01 09:53:46
Local clock offset: -11.993 ms
Remote clock offset: -7.434 ms

Below is generated by plot.py at 2018-08-01 11:13:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.45 Mbit/s
95th percentile per-packet one-way delay: 18.125 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 21.255 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 31.15 Mbit/s
95th percentile per-packet one-way delay: 17.945 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 20.82 Mbit/s
95th percentile per-packet one-way delay: 8.911 ms
Loss rate: 0.00%

Run 7: Report of PCC-Expr — Data Link

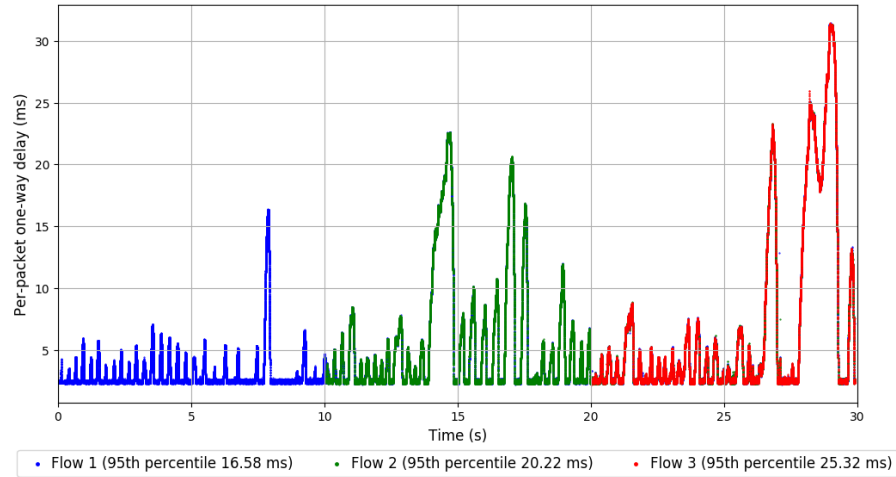
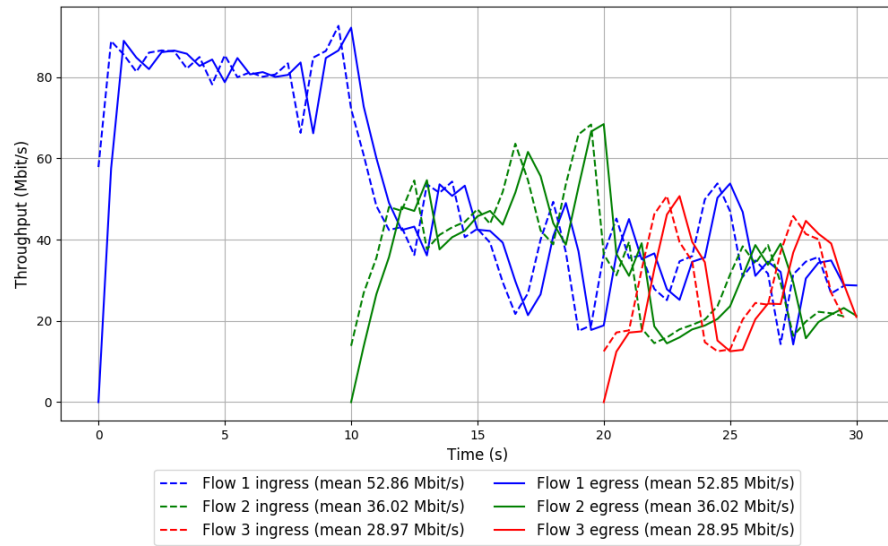


Run 8: Statistics of PCC-Expr

Start at: 2018-08-01 10:12:28
End at: 2018-08-01 10:12:58
Local clock offset: -5.901 ms
Remote clock offset: -7.516 ms

Below is generated by plot.py at 2018-08-01 11:13:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.36 Mbit/s
95th percentile per-packet one-way delay: 19.851 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.85 Mbit/s
95th percentile per-packet one-way delay: 16.578 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: 20.216 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.95 Mbit/s
95th percentile per-packet one-way delay: 25.324 ms
Loss rate: 0.03%

Run 8: Report of PCC-Expr — Data Link

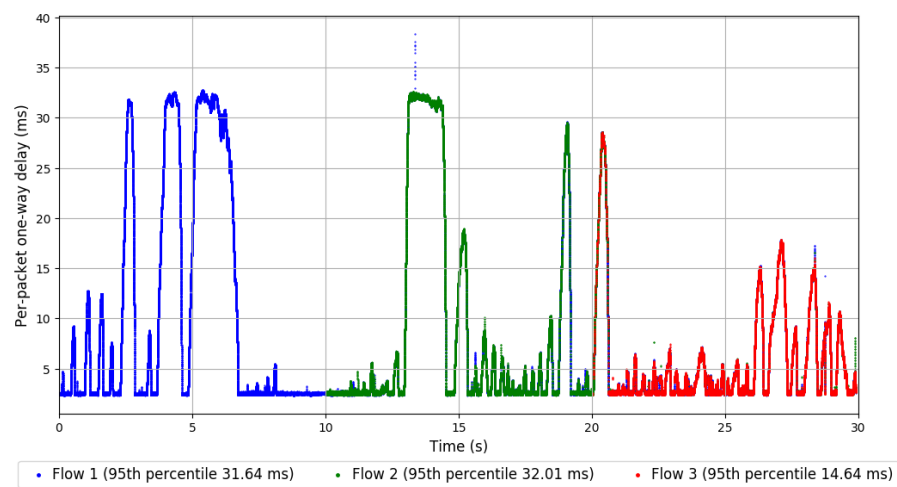
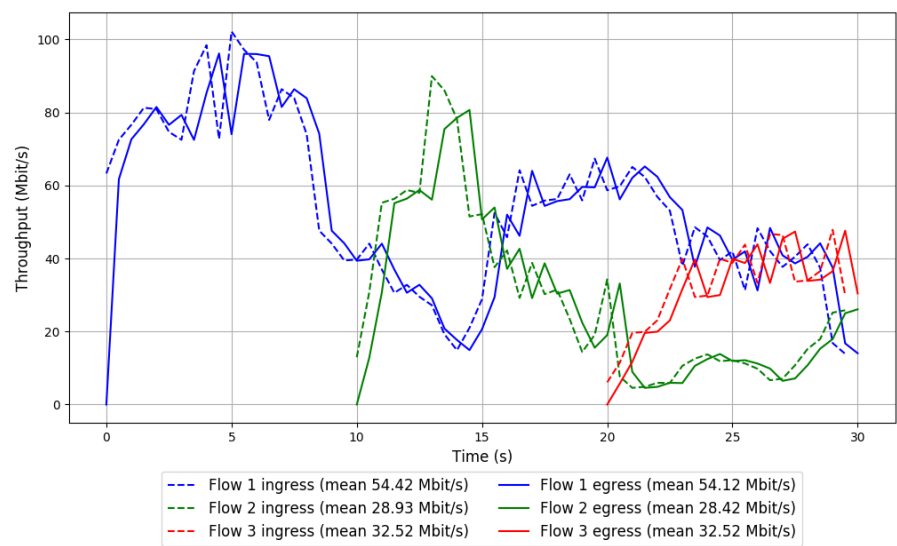


Run 9: Statistics of PCC-Expr

Start at: 2018-08-01 10:31:40
End at: 2018-08-01 10:32:10
Local clock offset: -3.709 ms
Remote clock offset: -7.587 ms

Below is generated by plot.py at 2018-08-01 11:14:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 31.694 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 31.636 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 28.42 Mbit/s
95th percentile per-packet one-way delay: 32.014 ms
Loss rate: 1.78%
-- Flow 3:
Average throughput: 32.52 Mbit/s
95th percentile per-packet one-way delay: 14.641 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-08-01 10:50:51

End at: 2018-08-01 10:51:21

Local clock offset: -2.844 ms

Remote clock offset: -6.68 ms

Below is generated by plot.py at 2018-08-01 11:14:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.35 Mbit/s

95th percentile per-packet one-way delay: 20.474 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 53.04 Mbit/s

95th percentile per-packet one-way delay: 19.835 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 34.54 Mbit/s

95th percentile per-packet one-way delay: 19.013 ms

Loss rate: 0.00%

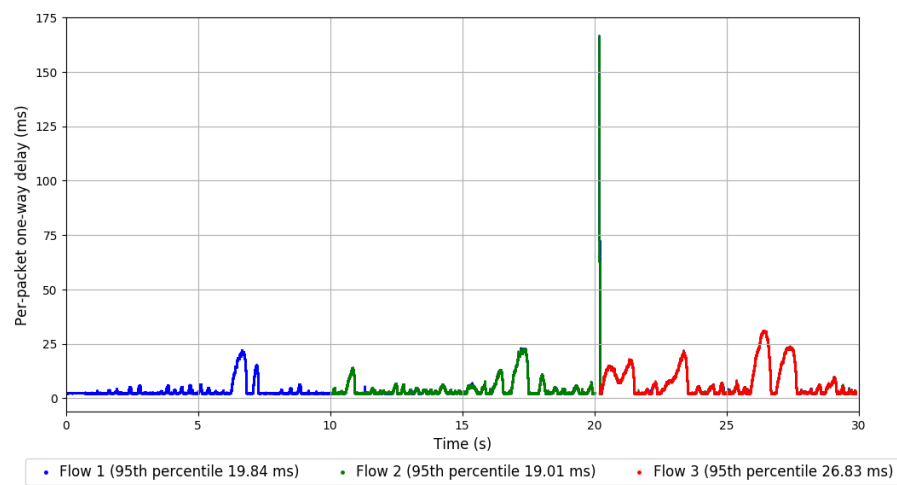
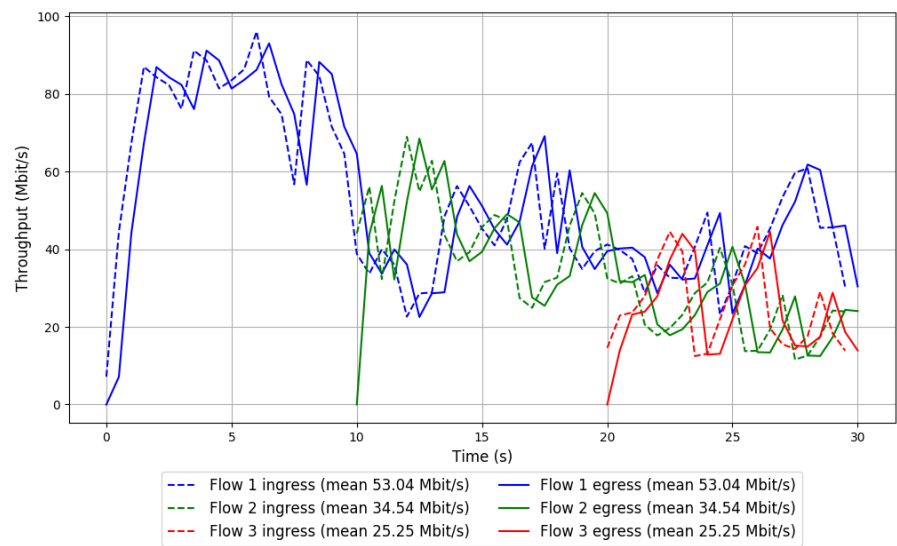
-- Flow 3:

Average throughput: 25.25 Mbit/s

95th percentile per-packet one-way delay: 26.829 ms

Loss rate: 0.01%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-08-01 07:43:30

End at: 2018-08-01 07:44:00

Local clock offset: 5.892 ms

Remote clock offset: -1.52 ms

Below is generated by plot.py at 2018-08-01 11:14:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.51 Mbit/s

95th percentile per-packet one-way delay: 29.874 ms

Loss rate: 0.22%

-- Flow 1:

Average throughput: 56.31 Mbit/s

95th percentile per-packet one-way delay: 29.814 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 35.33 Mbit/s

95th percentile per-packet one-way delay: 29.913 ms

Loss rate: 0.26%

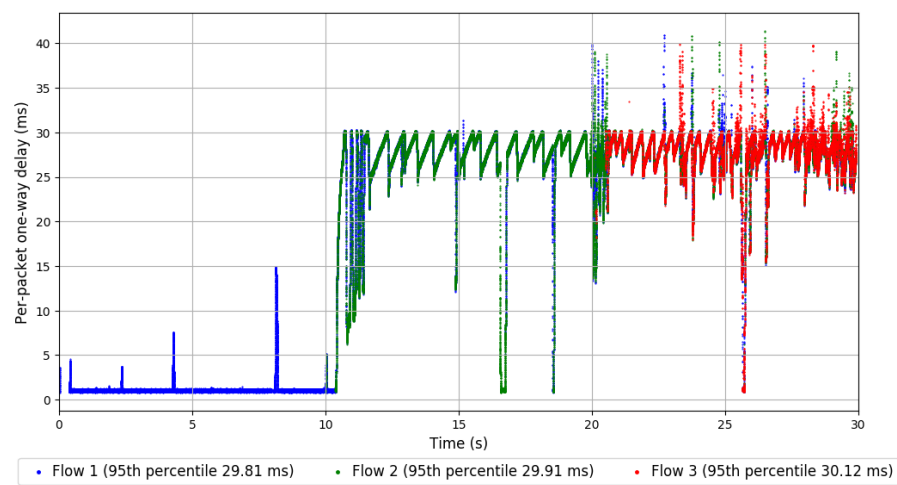
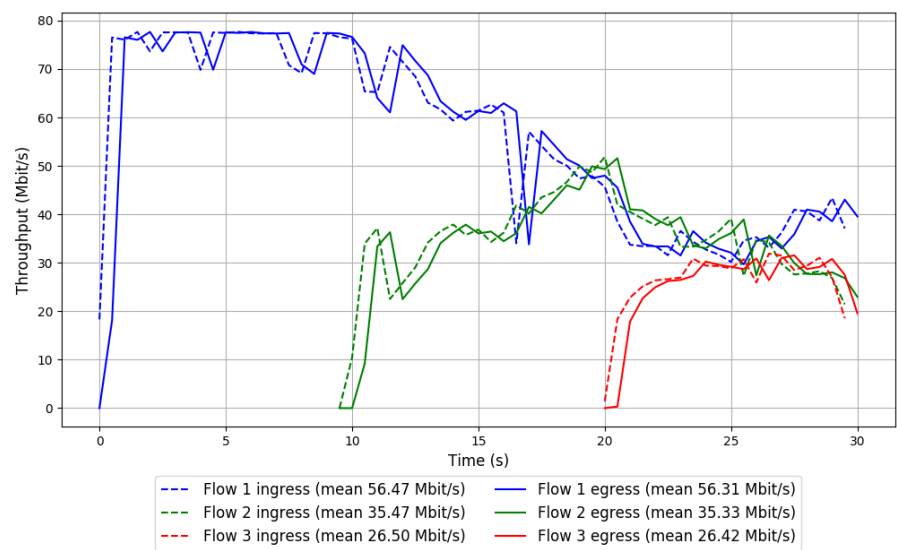
-- Flow 3:

Average throughput: 26.42 Mbit/s

95th percentile per-packet one-way delay: 30.123 ms

Loss rate: 0.30%

Run 1: Report of QUIC Cubic — Data Link

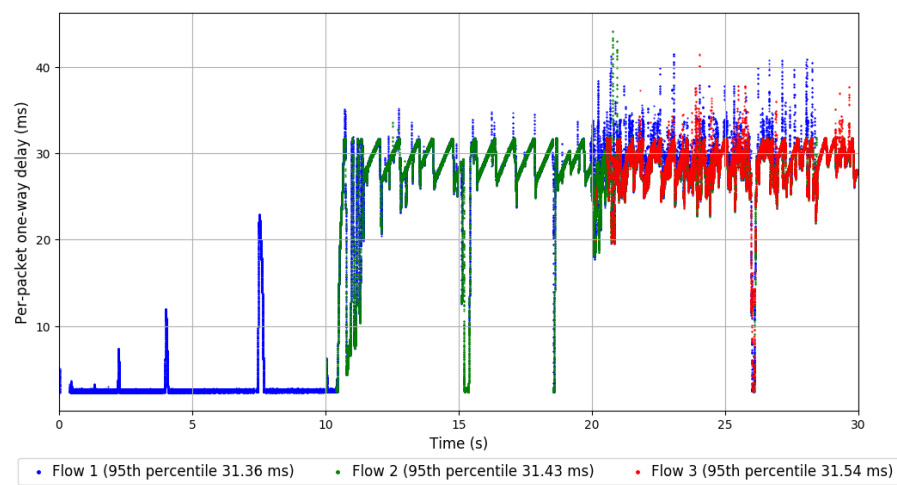
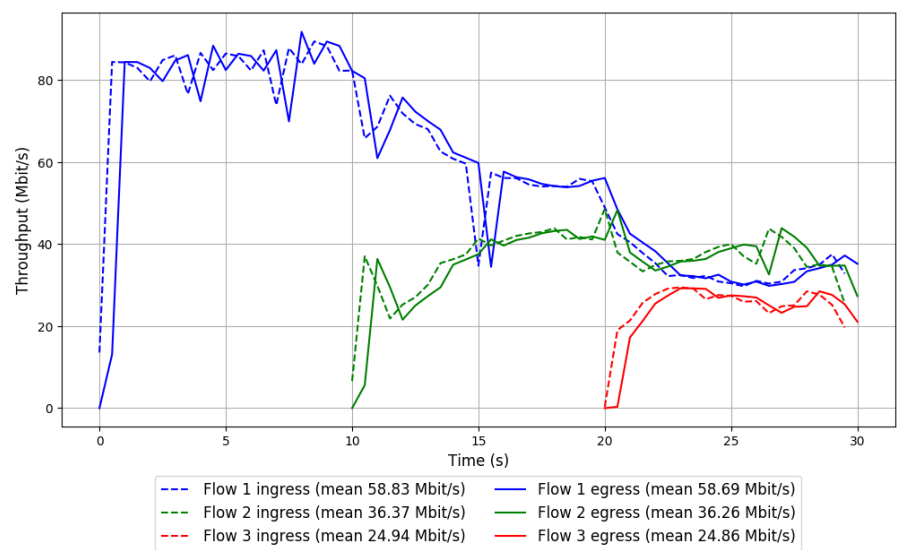


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-01 08:02:39
End at: 2018-08-01 08:03:09
Local clock offset: 8.313 ms
Remote clock offset: -6.646 ms

Below is generated by plot.py at 2018-08-01 11:14:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 31.410 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.69 Mbit/s
95th percentile per-packet one-way delay: 31.355 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 36.26 Mbit/s
95th percentile per-packet one-way delay: 31.432 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 31.541 ms
Loss rate: 0.27%

Run 2: Report of QUIC Cubic — Data Link

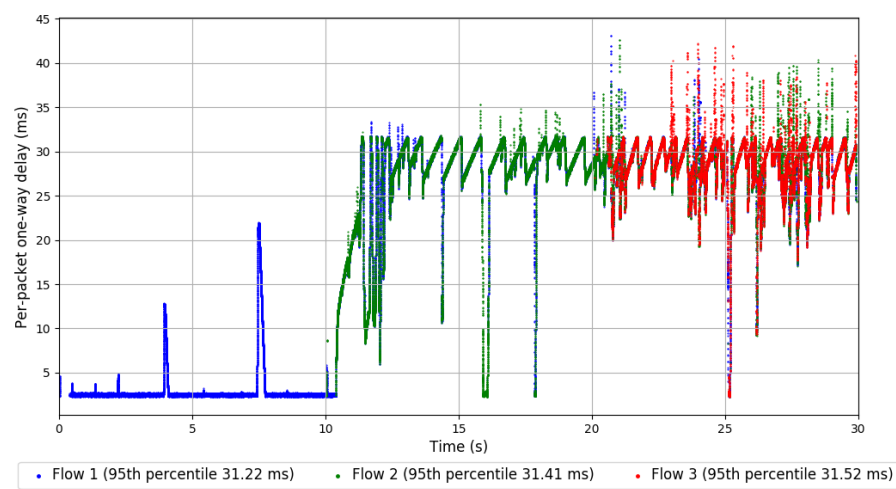
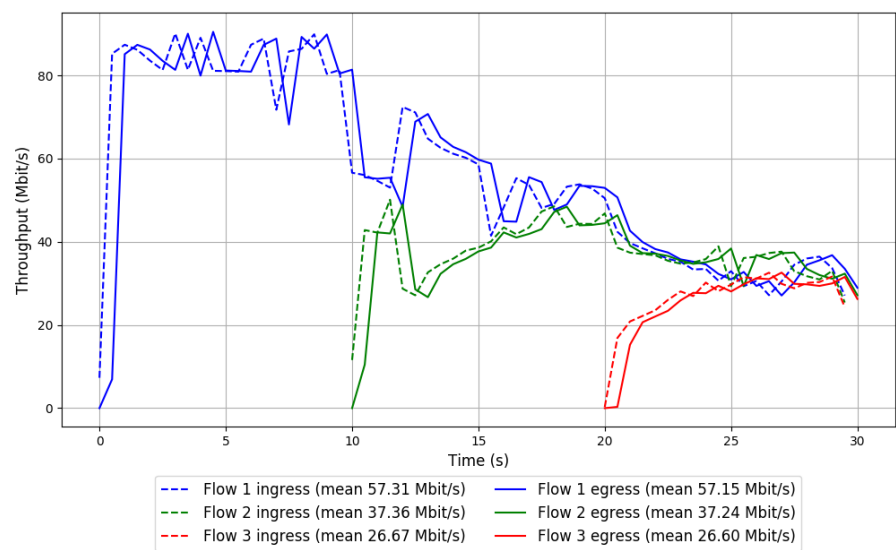


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-01 08:21:51
End at: 2018-08-01 08:22:21
Local clock offset: 10.489 ms
Remote clock offset: -7.471 ms

Below is generated by plot.py at 2018-08-01 11:14:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 31.313 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 57.15 Mbit/s
95th percentile per-packet one-way delay: 31.223 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 31.409 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 26.60 Mbit/s
95th percentile per-packet one-way delay: 31.522 ms
Loss rate: 0.23%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-08-01 08:41:04

End at: 2018-08-01 08:41:34

Local clock offset: 8.204 ms

Remote clock offset: -6.76 ms

Below is generated by plot.py at 2018-08-01 11:14:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.82 Mbit/s

95th percentile per-packet one-way delay: 31.281 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 55.71 Mbit/s

95th percentile per-packet one-way delay: 31.232 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 33.69 Mbit/s

95th percentile per-packet one-way delay: 31.368 ms

Loss rate: 0.19%

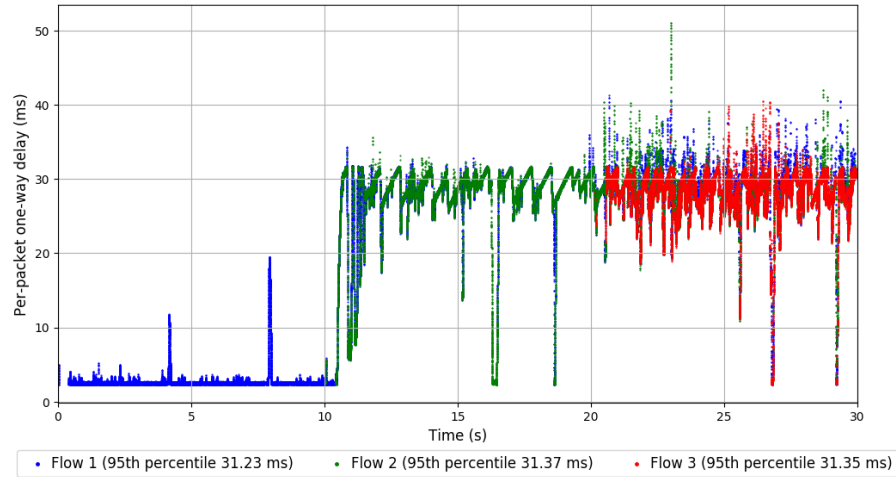
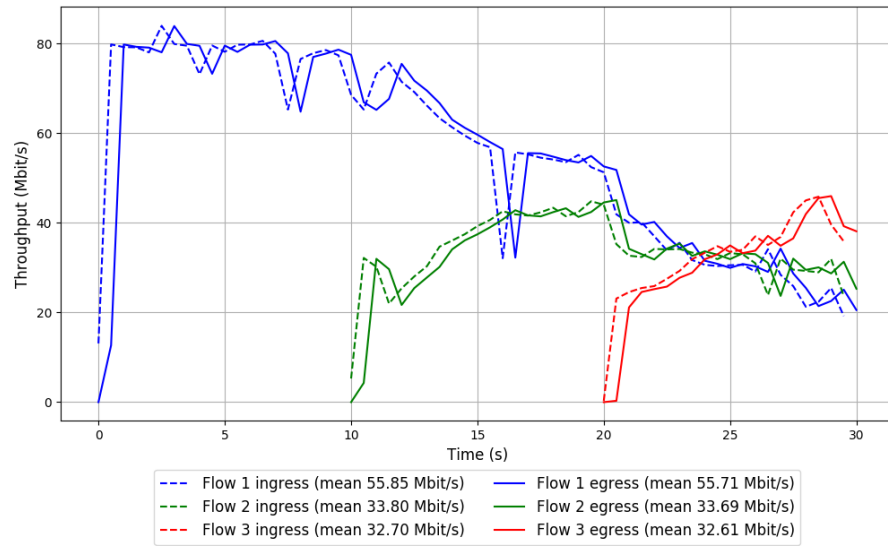
-- Flow 3:

Average throughput: 32.61 Mbit/s

95th percentile per-packet one-way delay: 31.354 ms

Loss rate: 0.22%

Run 4: Report of QUIC Cubic — Data Link

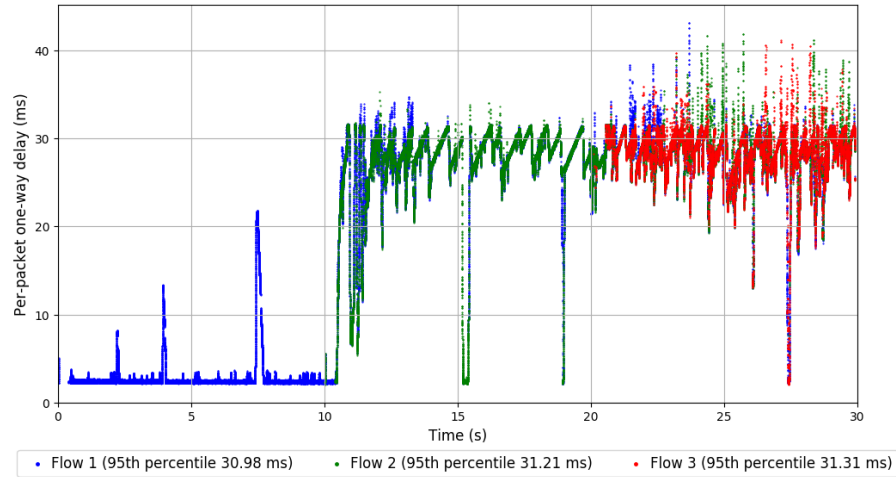
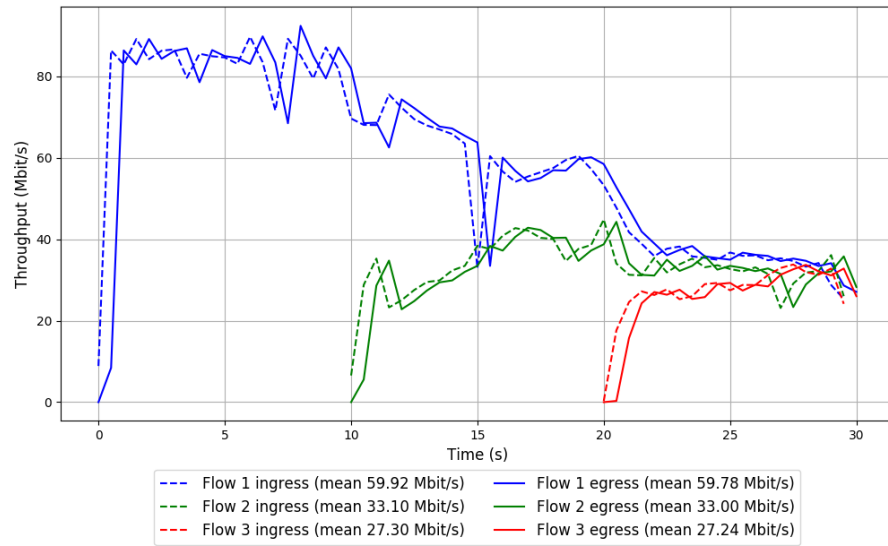


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-01 09:00:16
End at: 2018-08-01 09:00:46
Local clock offset: 8.894 ms
Remote clock offset: -3.797 ms

Below is generated by plot.py at 2018-08-01 11:14:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 31.111 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 30.976 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 33.00 Mbit/s
95th percentile per-packet one-way delay: 31.210 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 27.24 Mbit/s
95th percentile per-packet one-way delay: 31.312 ms
Loss rate: 0.24%

Run 5: Report of QUIC Cubic — Data Link

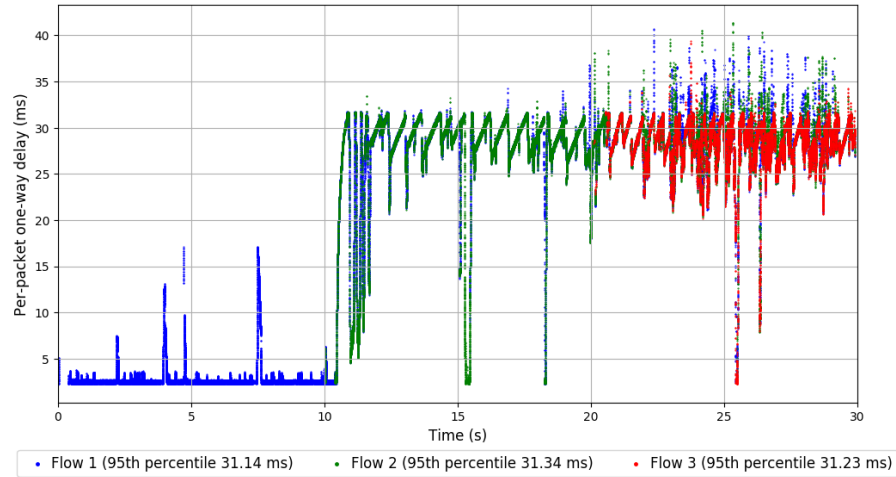
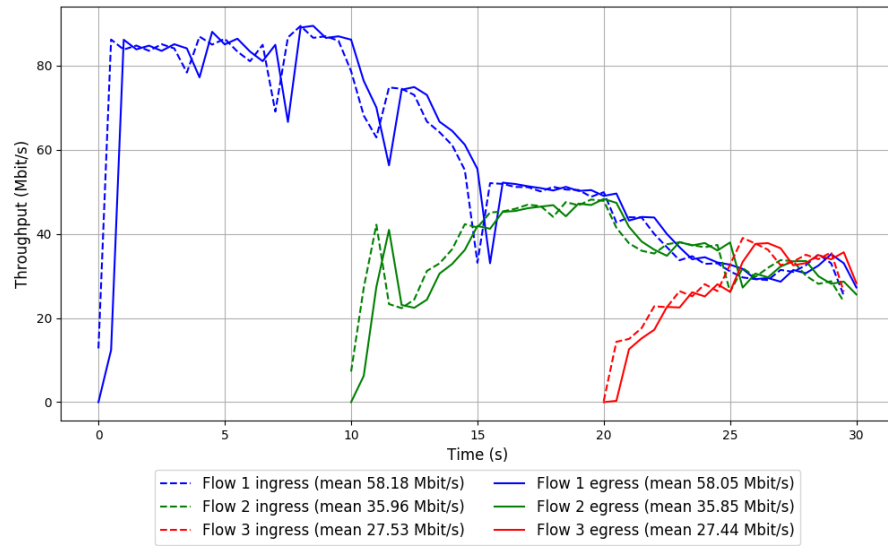


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-01 09:19:28
End at: 2018-08-01 09:19:58
Local clock offset: 9.773 ms
Remote clock offset: -0.564 ms

Below is generated by plot.py at 2018-08-01 11:14:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.91 Mbit/s
95th percentile per-packet one-way delay: 31.225 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.05 Mbit/s
95th percentile per-packet one-way delay: 31.145 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 35.85 Mbit/s
95th percentile per-packet one-way delay: 31.337 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 27.44 Mbit/s
95th percentile per-packet one-way delay: 31.235 ms
Loss rate: 0.29%

Run 6: Report of QUIC Cubic — Data Link

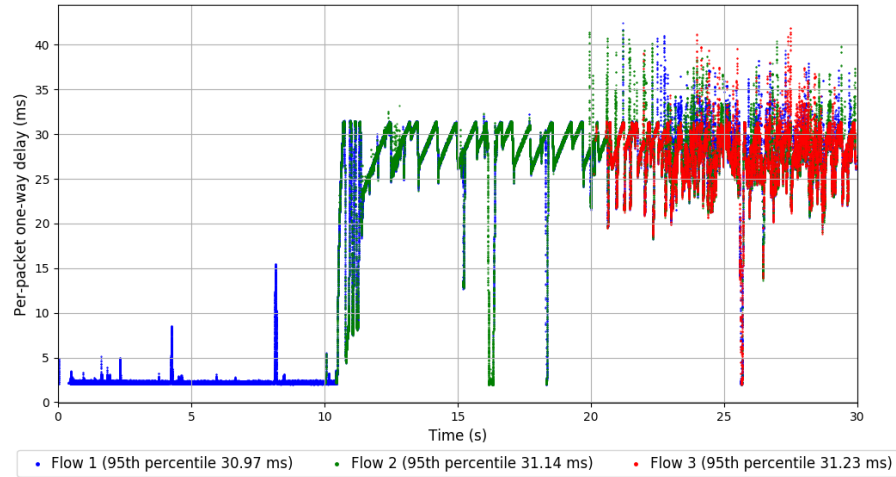
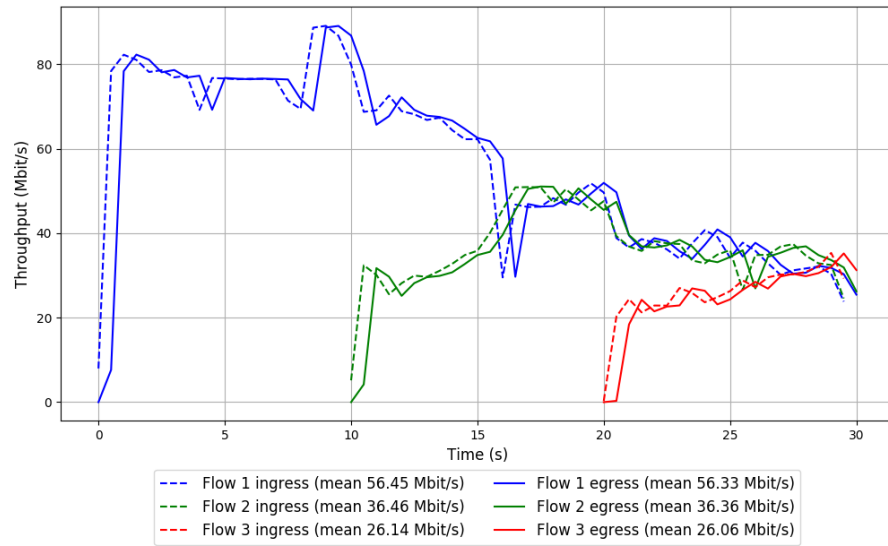


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-01 09:38:40
End at: 2018-08-01 09:39:10
Local clock offset: -7.677 ms
Remote clock offset: -5.273 ms

Below is generated by plot.py at 2018-08-01 11:14:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.06 Mbit/s
95th percentile per-packet one-way delay: 31.046 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.33 Mbit/s
95th percentile per-packet one-way delay: 30.971 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.36 Mbit/s
95th percentile per-packet one-way delay: 31.140 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 26.06 Mbit/s
95th percentile per-packet one-way delay: 31.233 ms
Loss rate: 0.29%

Run 7: Report of QUIC Cubic — Data Link

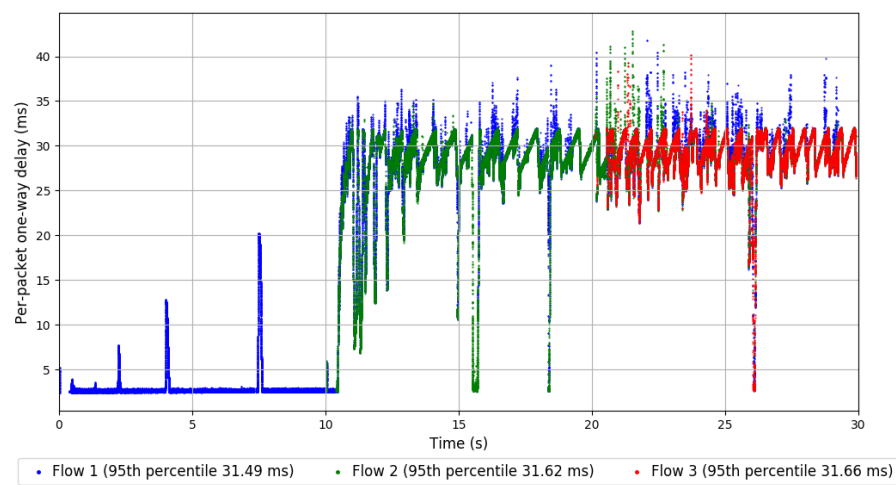
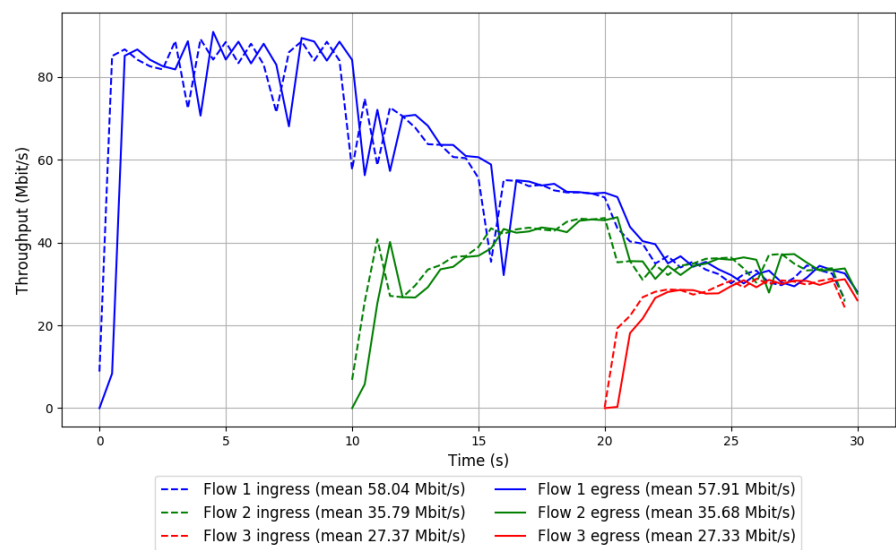


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-01 09:57:52
End at: 2018-08-01 09:58:22
Local clock offset: -8.723 ms
Remote clock offset: -7.688 ms

Below is generated by plot.py at 2018-08-01 11:14:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.61 Mbit/s
95th percentile per-packet one-way delay: 31.559 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 31.489 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 35.68 Mbit/s
95th percentile per-packet one-way delay: 31.620 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 27.33 Mbit/s
95th percentile per-packet one-way delay: 31.662 ms
Loss rate: 0.18%

Run 8: Report of QUIC Cubic — Data Link

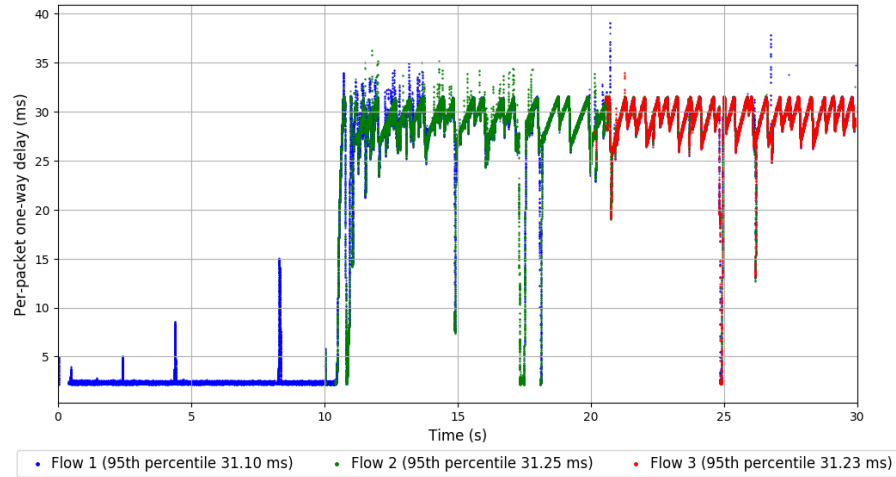
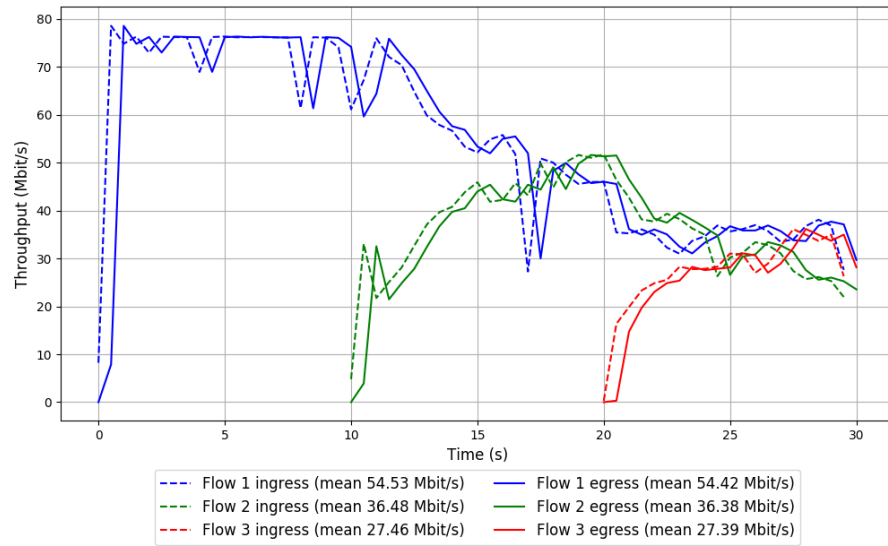


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-01 10:17:05
End at: 2018-08-01 10:17:35
Local clock offset: -5.8 ms
Remote clock offset: -7.507 ms

Below is generated by plot.py at 2018-08-01 11:15:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 31.164 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 54.42 Mbit/s
95th percentile per-packet one-way delay: 31.099 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.38 Mbit/s
95th percentile per-packet one-way delay: 31.246 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 27.39 Mbit/s
95th percentile per-packet one-way delay: 31.233 ms
Loss rate: 0.23%

Run 9: Report of QUIC Cubic — Data Link

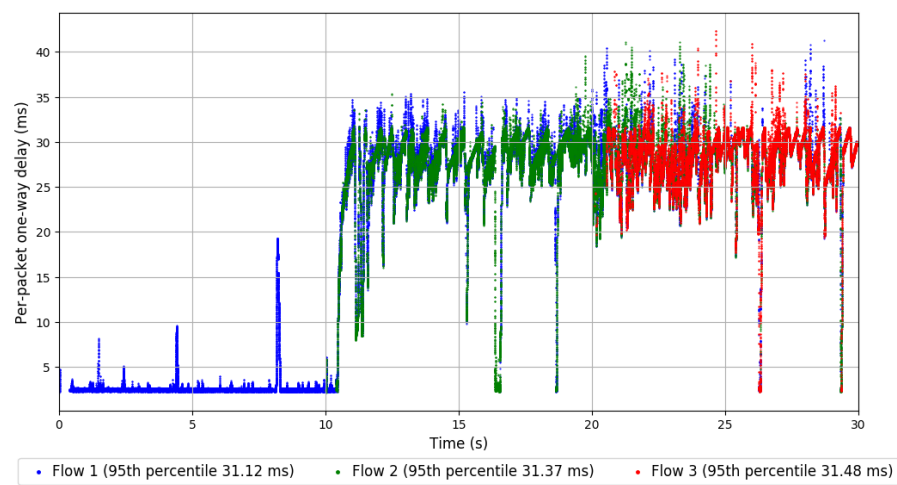
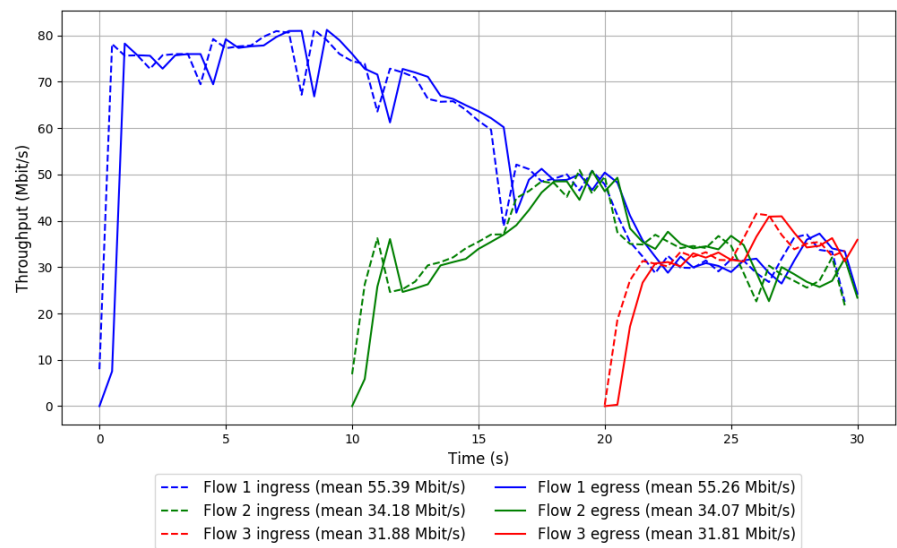


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-01 10:36:16
End at: 2018-08-01 10:36:46
Local clock offset: -3.196 ms
Remote clock offset: -7.556 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.39 Mbit/s
95th percentile per-packet one-way delay: 31.263 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 55.26 Mbit/s
95th percentile per-packet one-way delay: 31.121 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 34.07 Mbit/s
95th percentile per-packet one-way delay: 31.371 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 31.81 Mbit/s
95th percentile per-packet one-way delay: 31.478 ms
Loss rate: 0.16%

Run 10: Report of QUIC Cubic — Data Link

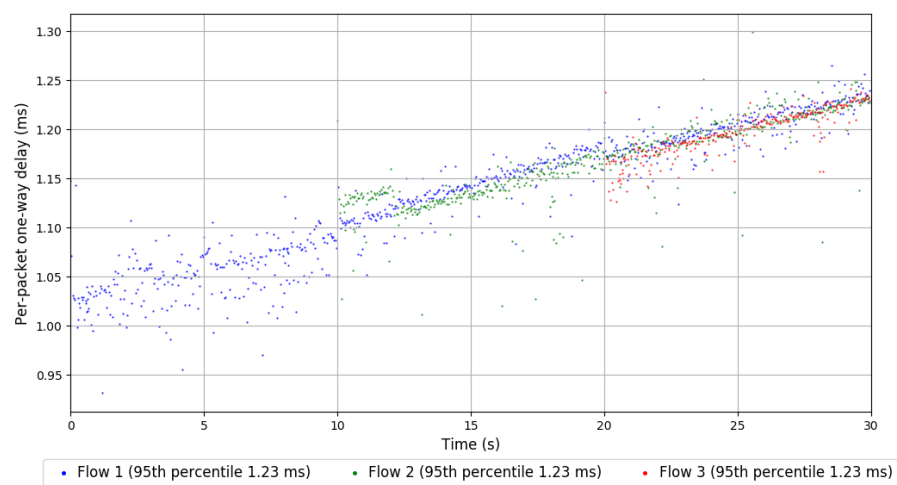
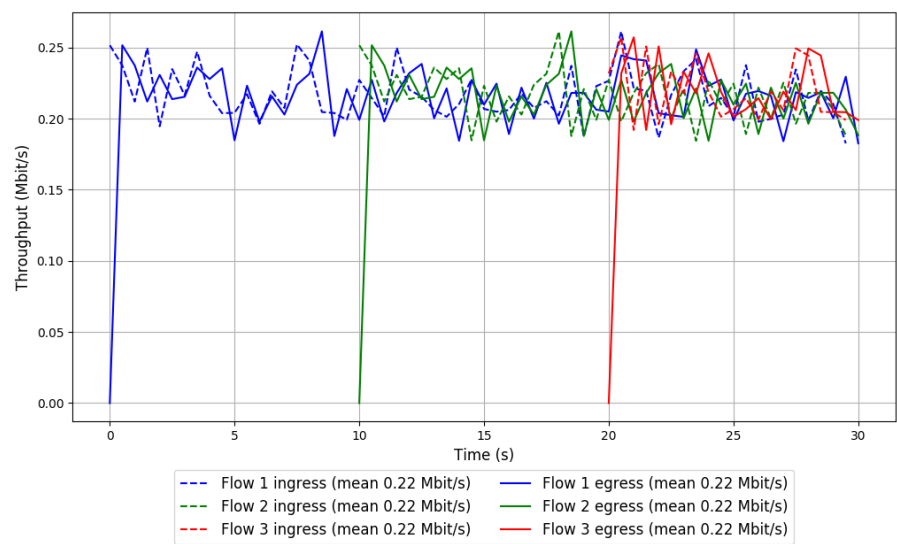


```
Run 1: Statistics of SReAM

Start at: 2018-08-01 07:50:15
End at: 2018-08-01 07:50:45
Local clock offset: 5.988 ms
Remote clock offset: -3.958 ms

# Below is generated by plot.py at 2018-08-01 11:15:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.228 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.226 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.228 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.230 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

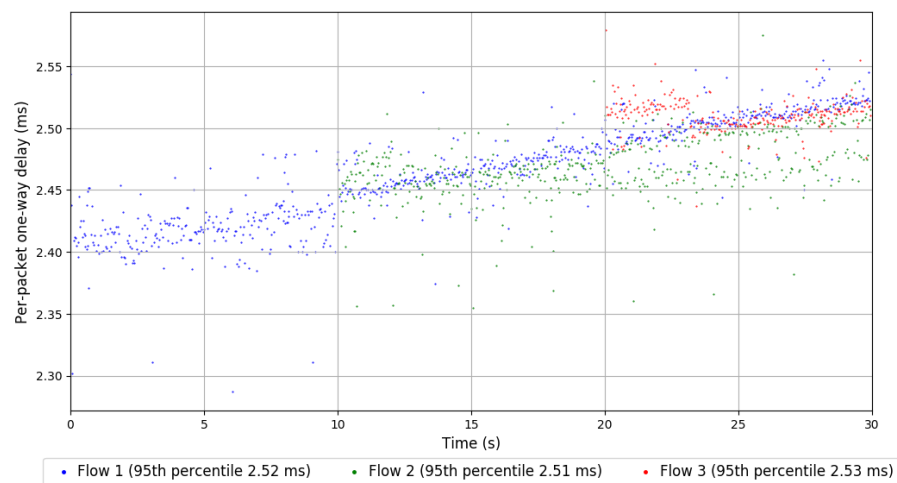
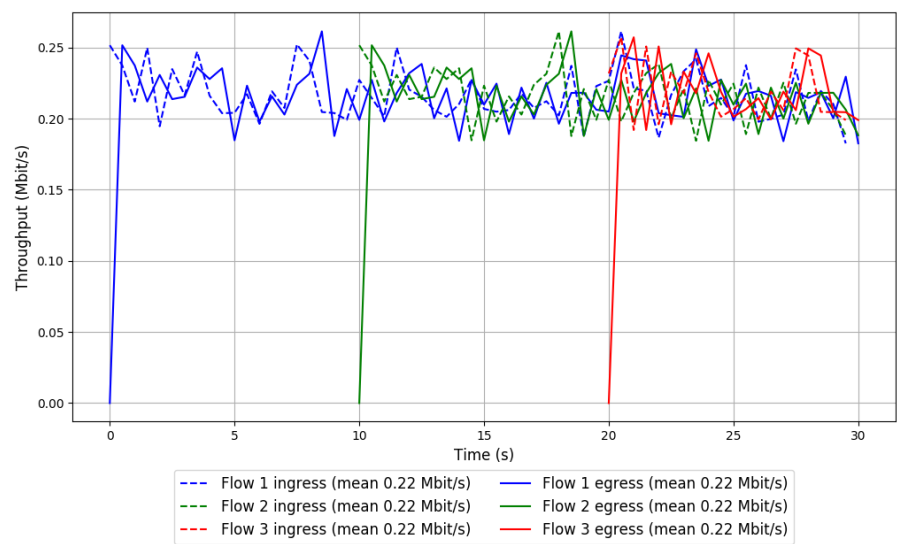


Run 2: Statistics of SReAM

Start at: 2018-08-01 08:09:25
End at: 2018-08-01 08:09:55
Local clock offset: 9.264 ms
Remote clock offset: -7.206 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.521 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.521 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.507 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.529 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

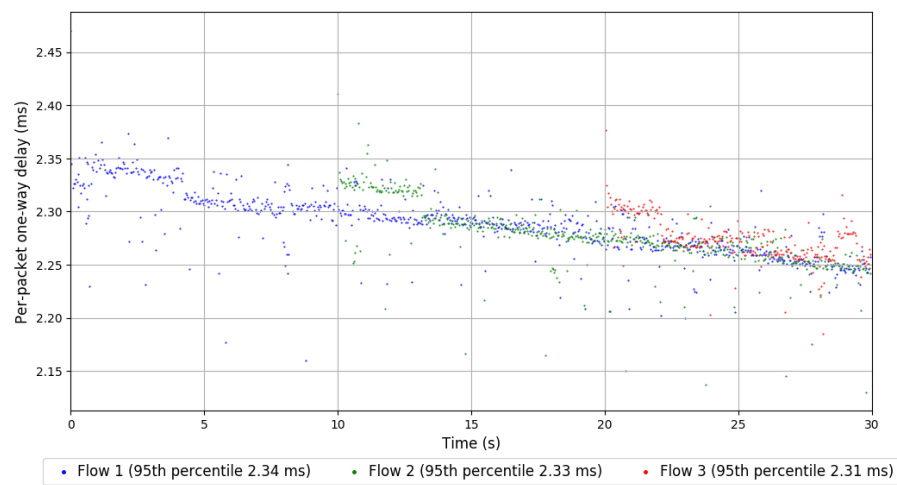
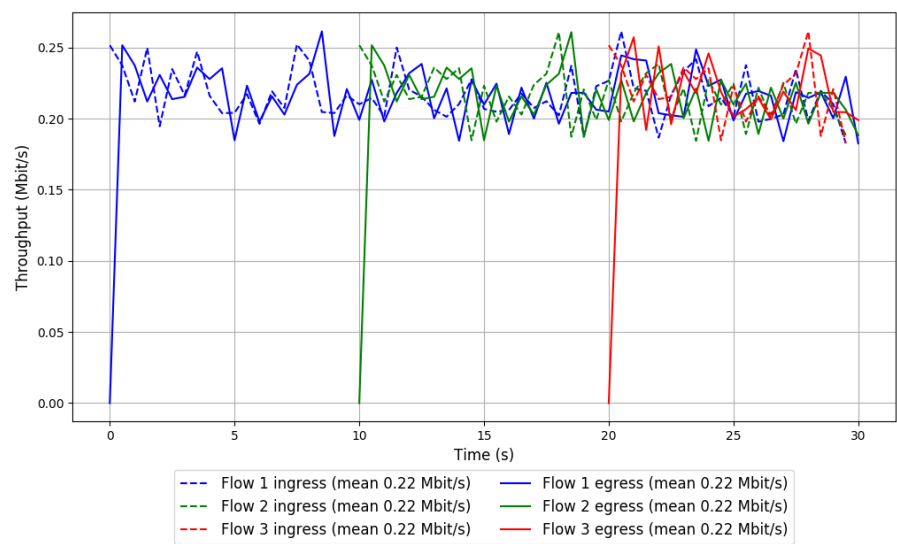


Run 3: Statistics of SReAM

Start at: 2018-08-01 08:28:37
End at: 2018-08-01 08:29:07
Local clock offset: 9.131 ms
Remote clock offset: -6.989 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.334 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.339 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.307 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

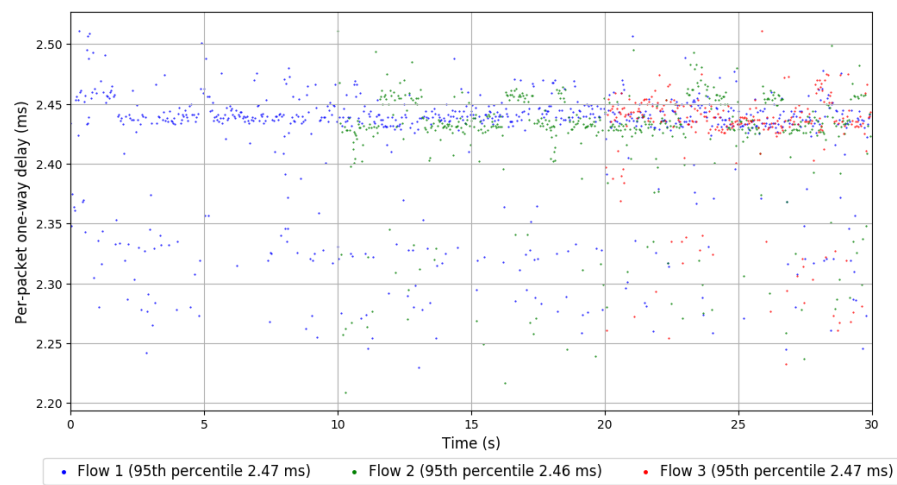
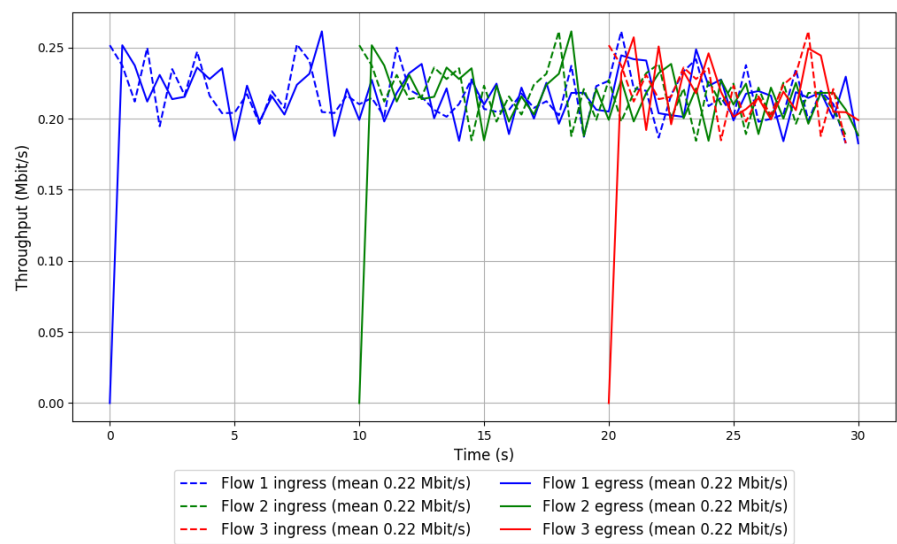


Run 4: Statistics of SReAM

Start at: 2018-08-01 08:47:50
End at: 2018-08-01 08:48:20
Local clock offset: 8.284 ms
Remote clock offset: -6.764 ms

```
# Below is generated by plot.py at 2018-08-01 11:15:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.463 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 0.00%
```

Run 4: Report of SReAM — Data Link

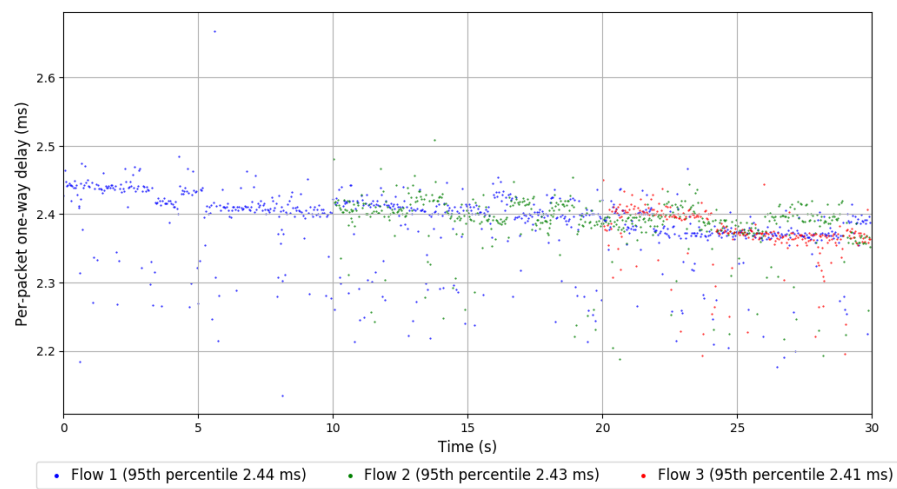
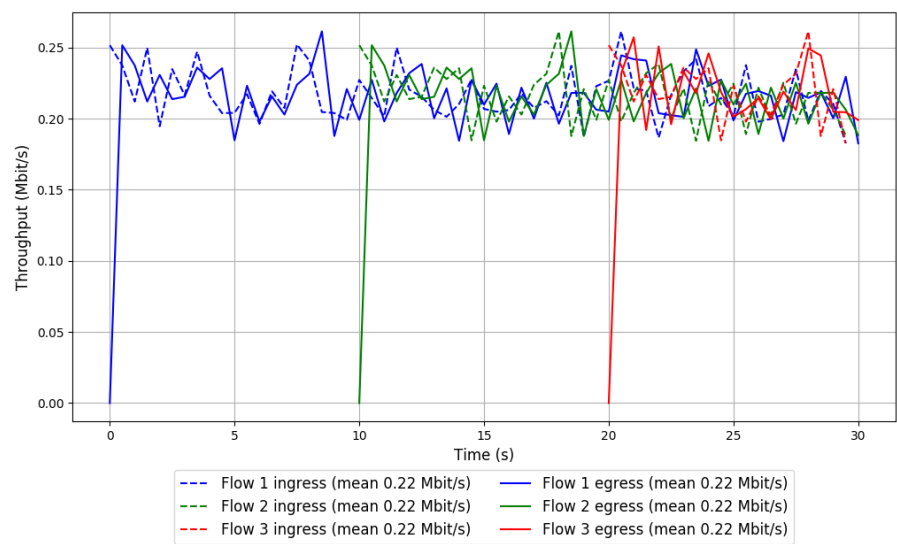


Run 5: Statistics of SReAM

Start at: 2018-08-01 09:07:02
End at: 2018-08-01 09:07:32
Local clock offset: 9.243 ms
Remote clock offset: -2.149 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.442 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.426 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.412 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

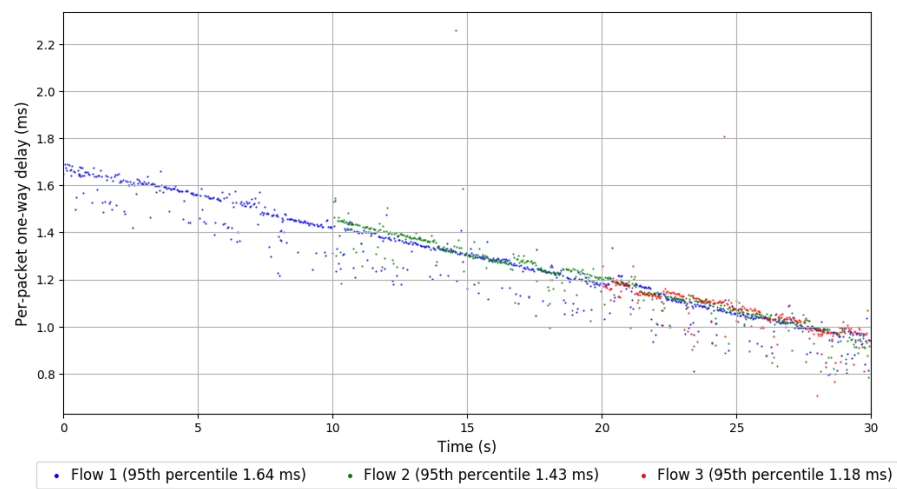
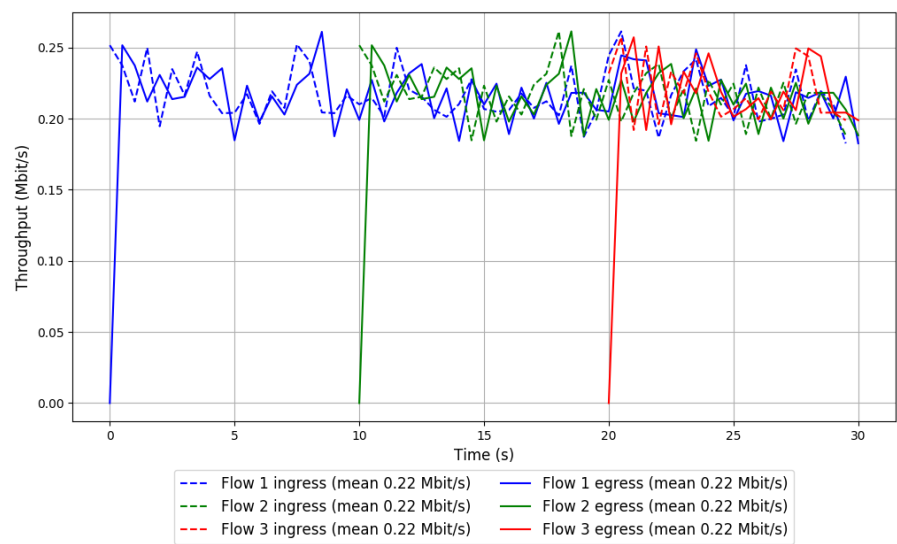


Run 6: Statistics of SReAM

Start at: 2018-08-01 09:26:14
End at: 2018-08-01 09:26:44
Local clock offset: 3.428 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1.599 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.639 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.431 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.180 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

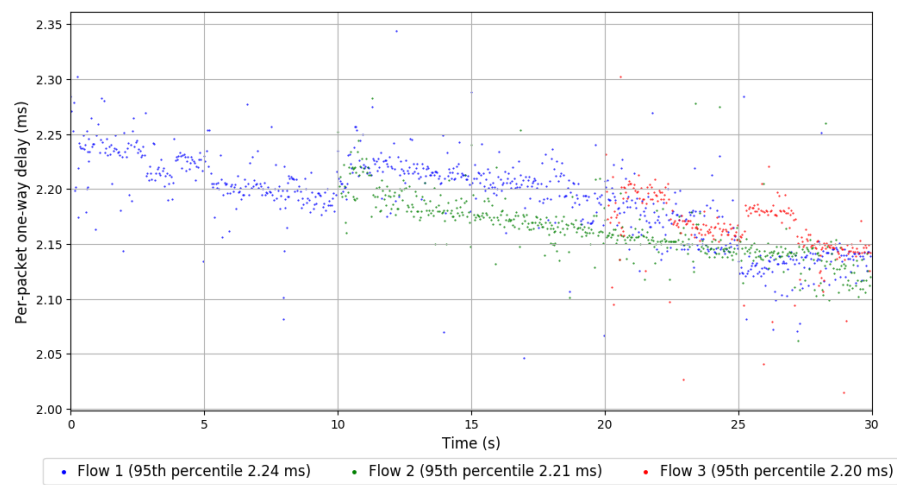
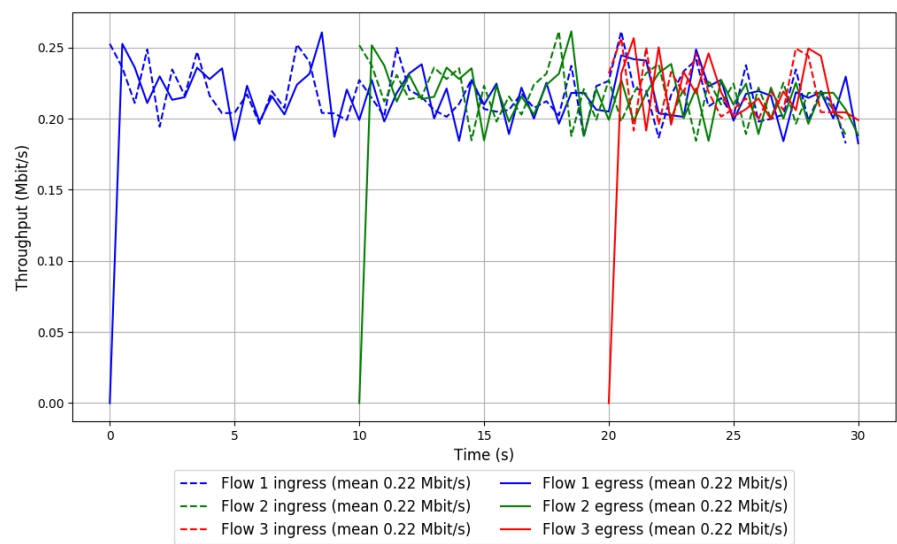


Run 7: Statistics of SReAM

Start at: 2018-08-01 09:45:26
End at: 2018-08-01 09:45:56
Local clock offset: -10.443 ms
Remote clock offset: -6.602 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.244 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.214 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.204 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

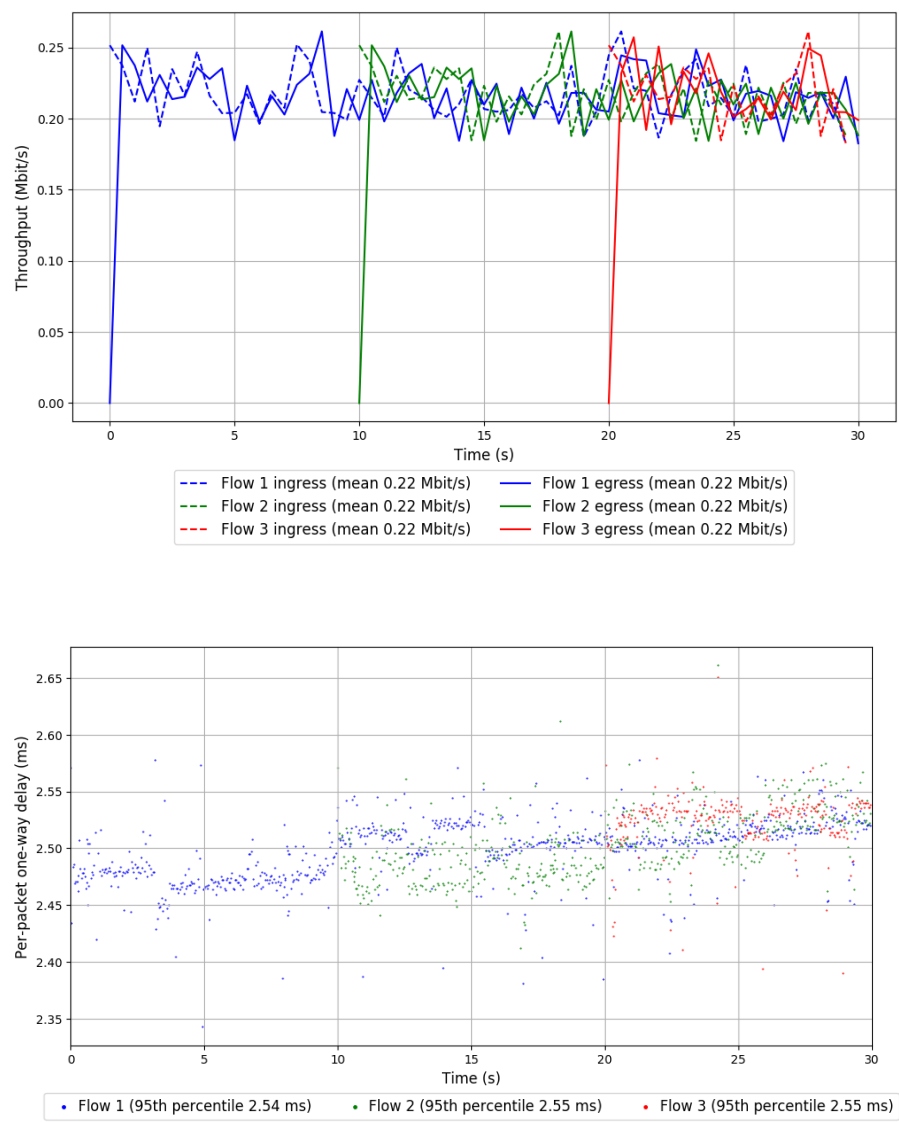


Run 8: Statistics of SReAM

Start at: 2018-08-01 10:04:38
End at: 2018-08-01 10:05:08
Local clock offset: -6.603 ms
Remote clock offset: -7.719 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.546 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.537 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.554 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.547 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

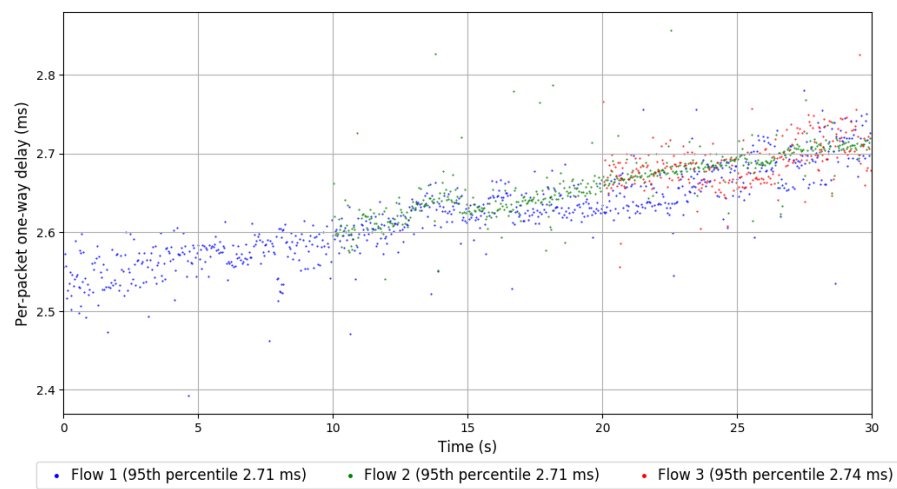
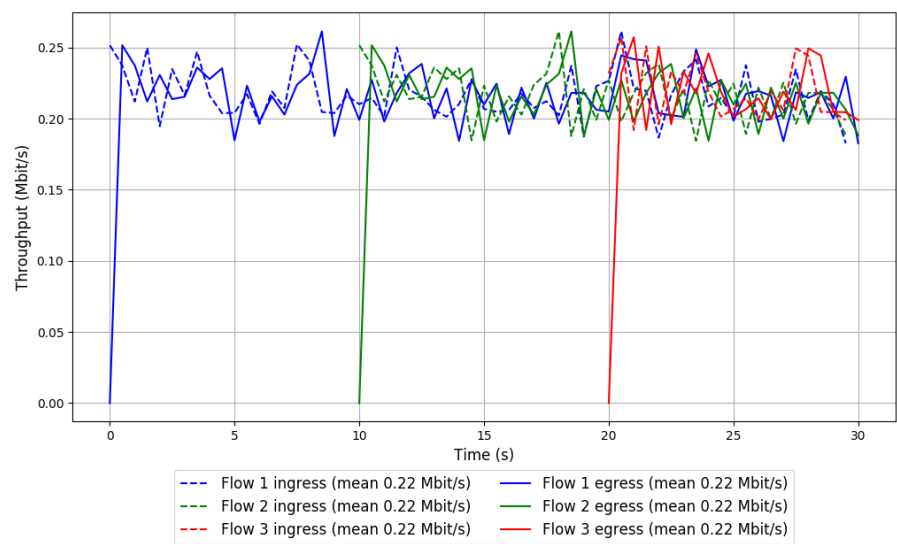


Run 9: Statistics of SReAM

Start at: 2018-08-01 10:23:50
End at: 2018-08-01 10:24:20
Local clock offset: -5.49 ms
Remote clock offset: -7.513 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.721 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.715 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.714 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.740 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

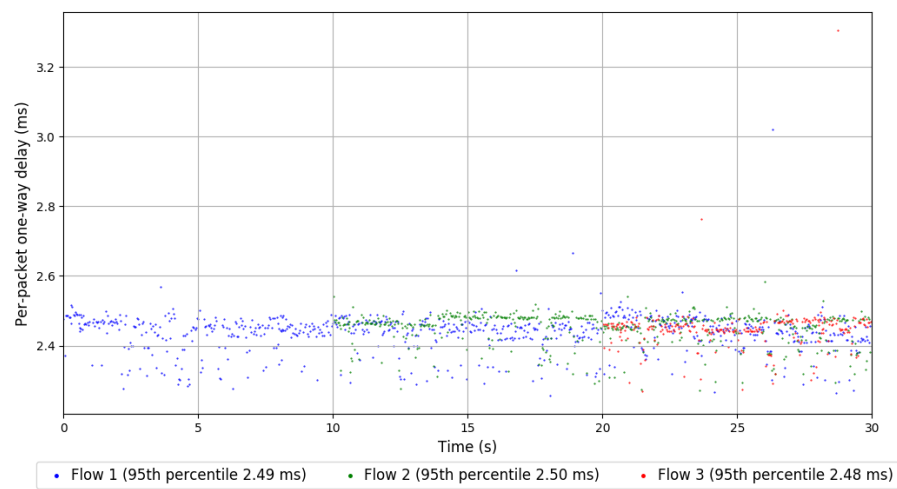
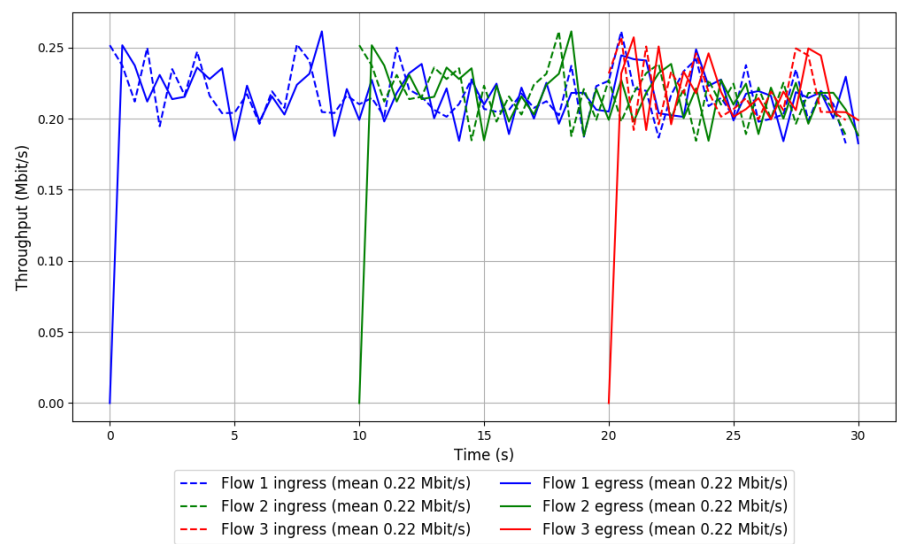


Run 10: Statistics of SReAM

Start at: 2018-08-01 10:43:01
End at: 2018-08-01 10:43:31
Local clock offset: -2.901 ms
Remote clock offset: -6.945 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.491 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.496 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

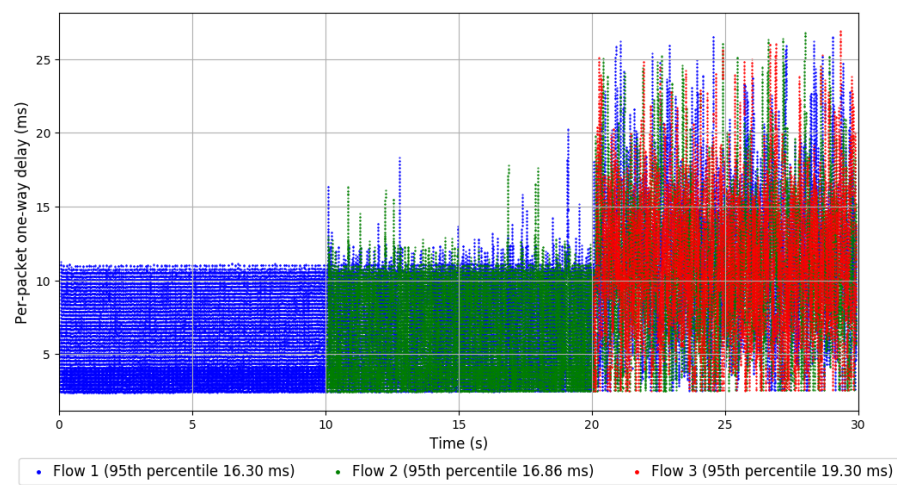
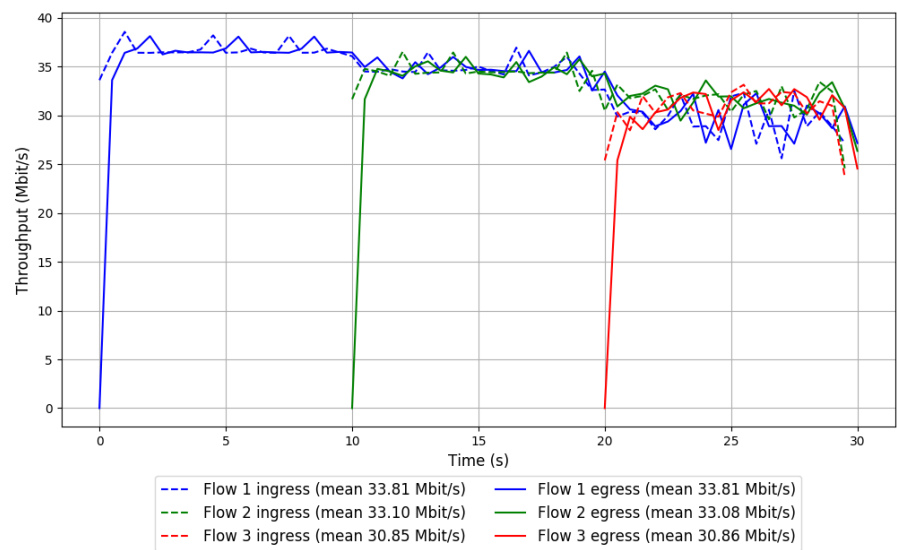


Run 1: Statistics of Sprout

Start at: 2018-08-01 07:59:13
End at: 2018-08-01 07:59:43
Local clock offset: 7.712 ms
Remote clock offset: -6.131 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.01 Mbit/s
95th percentile per-packet one-way delay: 17.226 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.81 Mbit/s
95th percentile per-packet one-way delay: 16.301 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.08 Mbit/s
95th percentile per-packet one-way delay: 16.865 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 19.301 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

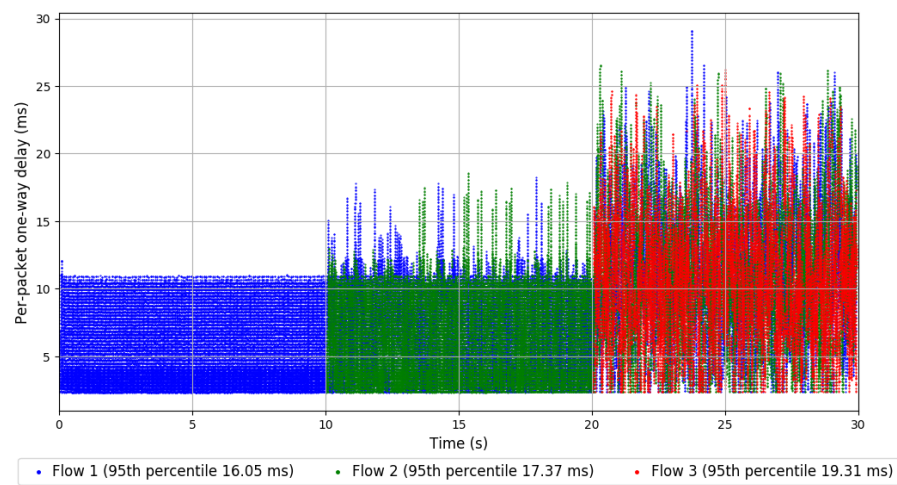
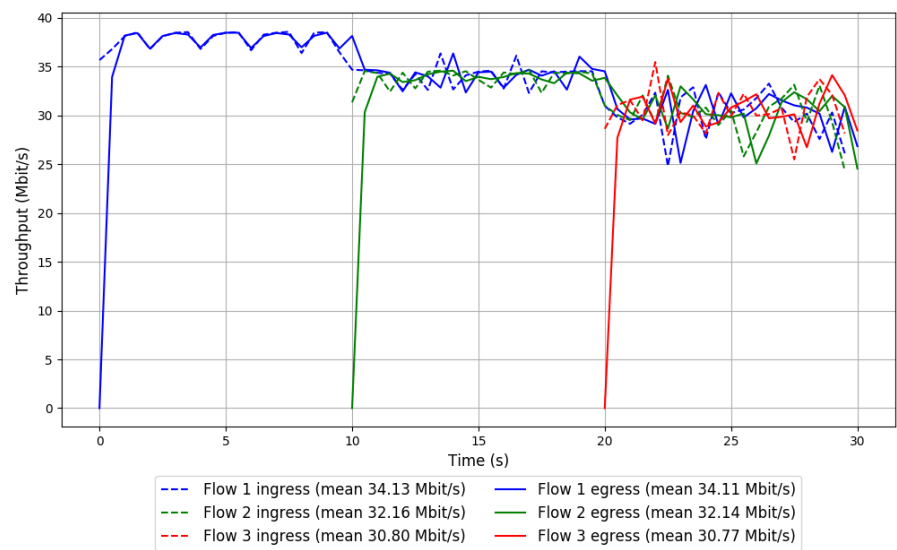


Run 2: Statistics of Sprout

Start at: 2018-08-01 08:18:25
End at: 2018-08-01 08:18:55
Local clock offset: 10.257 ms
Remote clock offset: -7.584 ms

```
# Below is generated by plot.py at 2018-08-01 11:15:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.66 Mbit/s
95th percentile per-packet one-way delay: 17.208 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.11 Mbit/s
95th percentile per-packet one-way delay: 16.046 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 17.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.77 Mbit/s
95th percentile per-packet one-way delay: 19.308 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

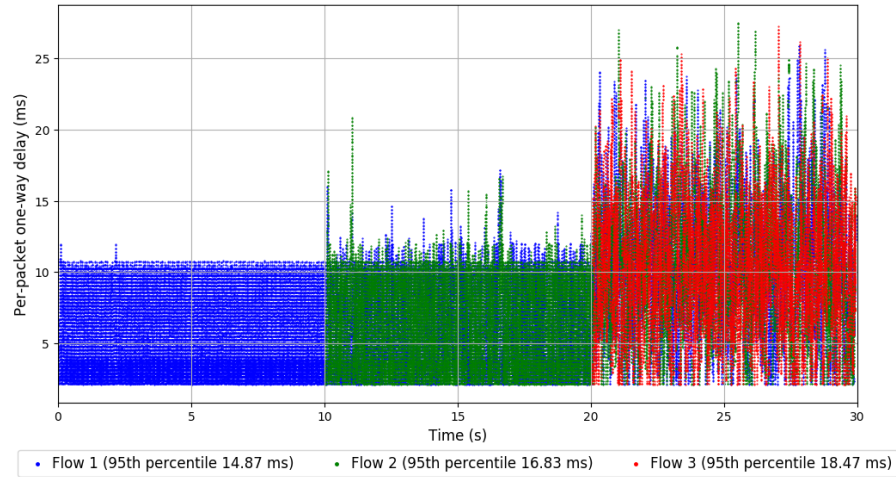
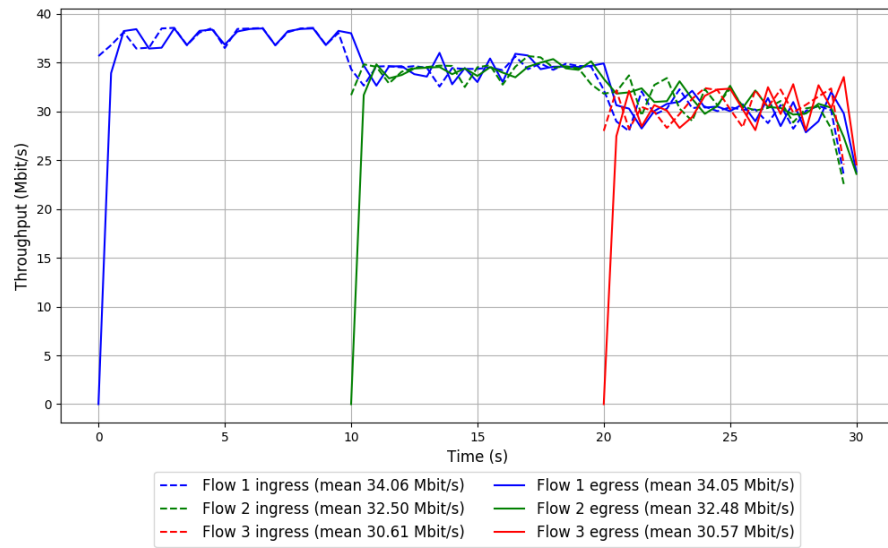


Run 3: Statistics of Sprout

Start at: 2018-08-01 08:37:37
End at: 2018-08-01 08:38:07
Local clock offset: 8.323 ms
Remote clock offset: -6.896 ms

Below is generated by plot.py at 2018-08-01 11:15:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.78 Mbit/s
95th percentile per-packet one-way delay: 16.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.05 Mbit/s
95th percentile per-packet one-way delay: 14.872 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 16.830 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 18.466 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

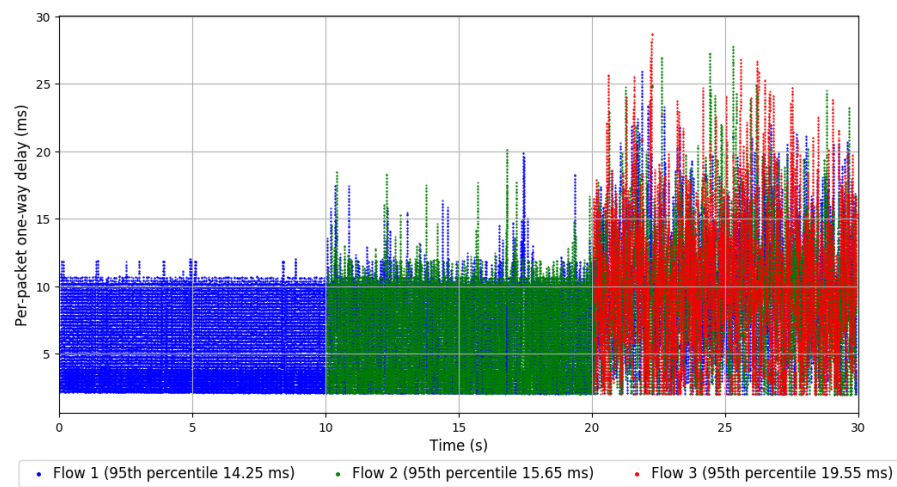
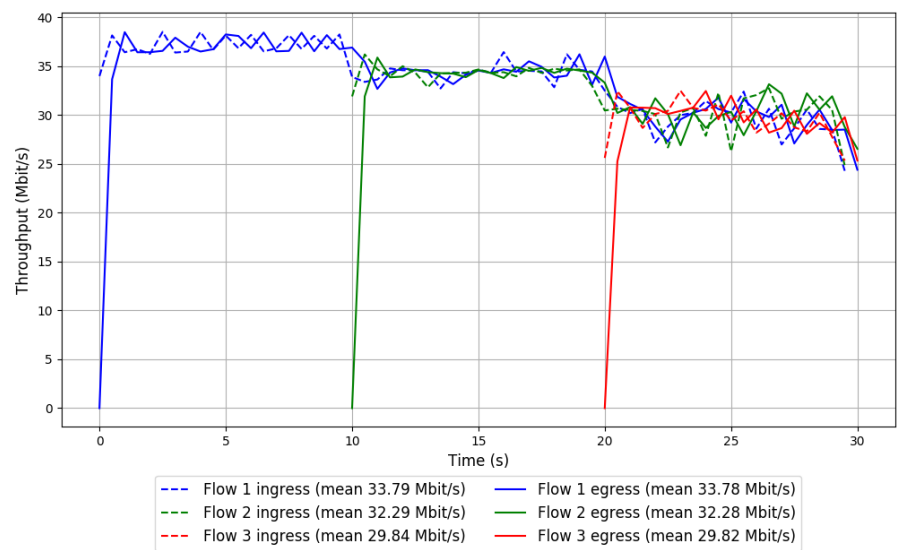


Run 4: Statistics of Sprout

Start at: 2018-08-01 08:56:50
End at: 2018-08-01 08:57:20
Local clock offset: 8.691 ms
Remote clock offset: -5.197 ms

```
# Below is generated by plot.py at 2018-08-01 11:15:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.11 Mbit/s
95th percentile per-packet one-way delay: 15.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 14.253 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 15.651 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 19.545 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

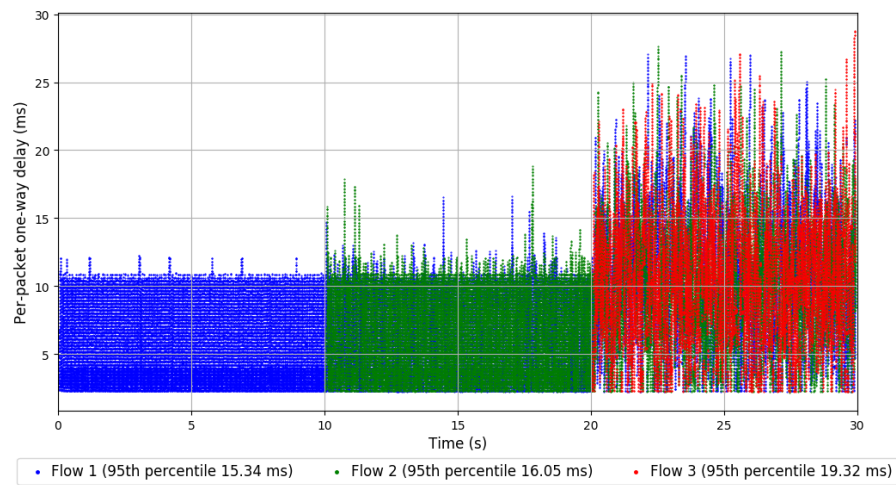
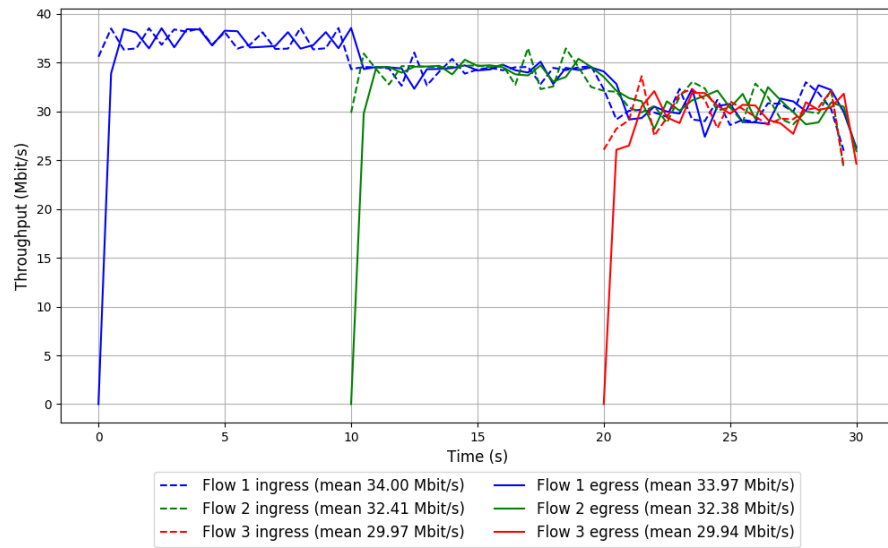


Run 5: Statistics of Sprout

Start at: 2018-08-01 09:16:01
End at: 2018-08-01 09:16:31
Local clock offset: 9.637 ms
Remote clock offset: -0.911 ms

Below is generated by plot.py at 2018-08-01 11:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.41 Mbit/s
95th percentile per-packet one-way delay: 16.526 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.97 Mbit/s
95th percentile per-packet one-way delay: 15.339 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 16.051 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 19.315 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

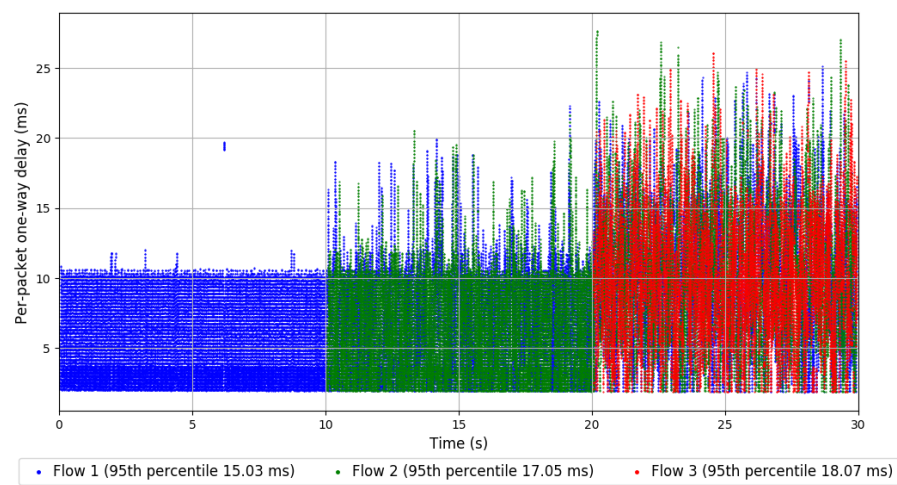
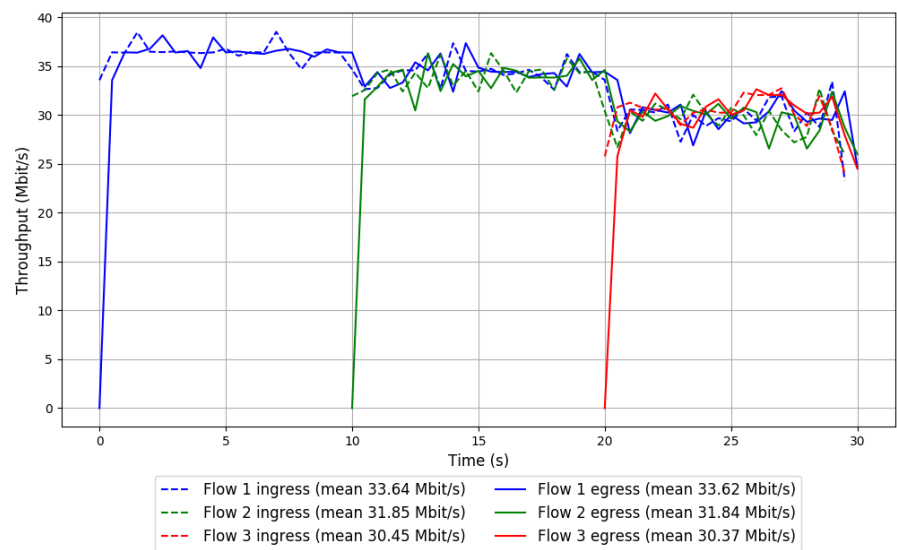


Run 6: Statistics of Sprout

Start at: 2018-08-01 09:35:14
End at: 2018-08-01 09:35:44
Local clock offset: -5.609 ms
Remote clock offset: -4.142 ms

Below is generated by plot.py at 2018-08-01 11:15:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.84 Mbit/s
95th percentile per-packet one-way delay: 16.354 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 33.62 Mbit/s
95th percentile per-packet one-way delay: 15.027 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 17.051 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.37 Mbit/s
95th percentile per-packet one-way delay: 18.065 ms
Loss rate: 0.10%

Run 6: Report of Sprout — Data Link

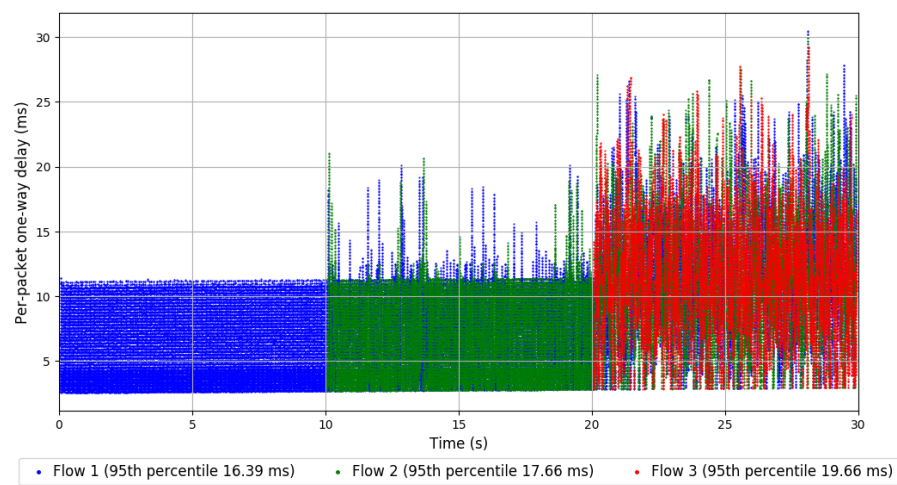
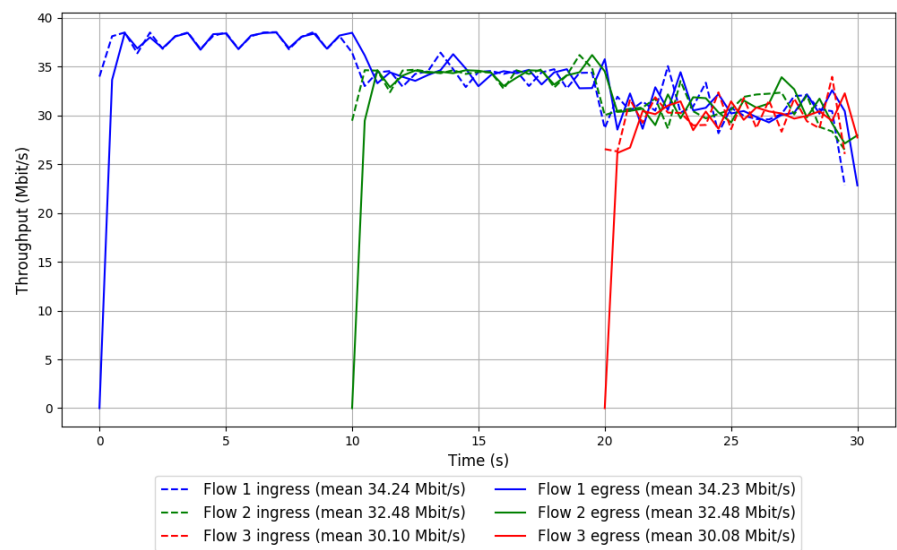


Run 7: Statistics of Sprout

Start at: 2018-08-01 09:54:26
End at: 2018-08-01 09:54:56
Local clock offset: -10.891 ms
Remote clock offset: -7.441 ms

Below is generated by plot.py at 2018-08-01 11:16:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.76 Mbit/s
95th percentile per-packet one-way delay: 17.603 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.23 Mbit/s
95th percentile per-packet one-way delay: 16.390 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 17.665 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.08 Mbit/s
95th percentile per-packet one-way delay: 19.664 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

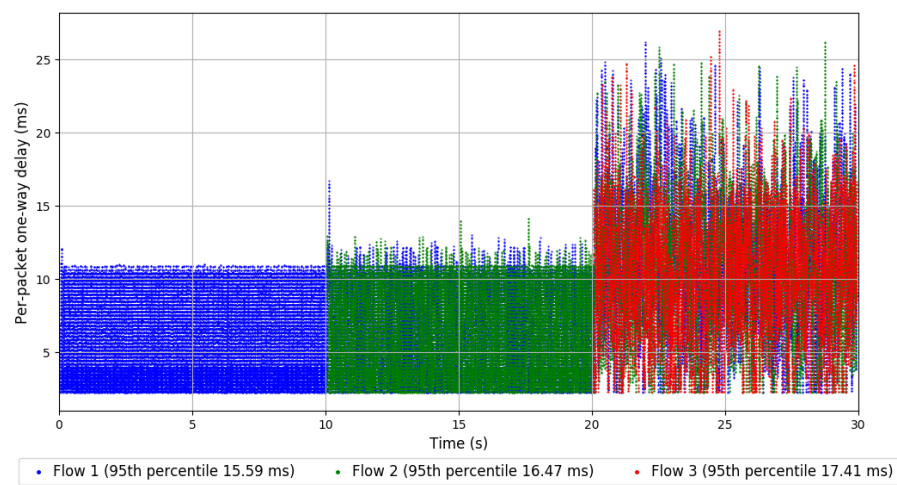
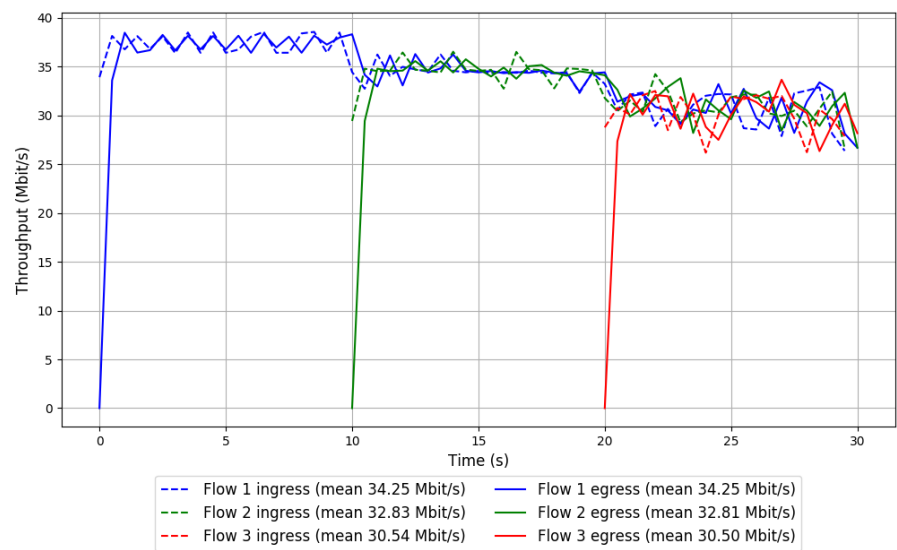


Run 8: Statistics of Sprout

Start at: 2018-08-01 10:13:38
End at: 2018-08-01 10:14:08
Local clock offset: -5.815 ms
Remote clock offset: -7.445 ms

Below is generated by plot.py at 2018-08-01 11:16:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.16 Mbit/s
95th percentile per-packet one-way delay: 16.311 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.25 Mbit/s
95th percentile per-packet one-way delay: 15.585 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 16.470 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 17.414 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

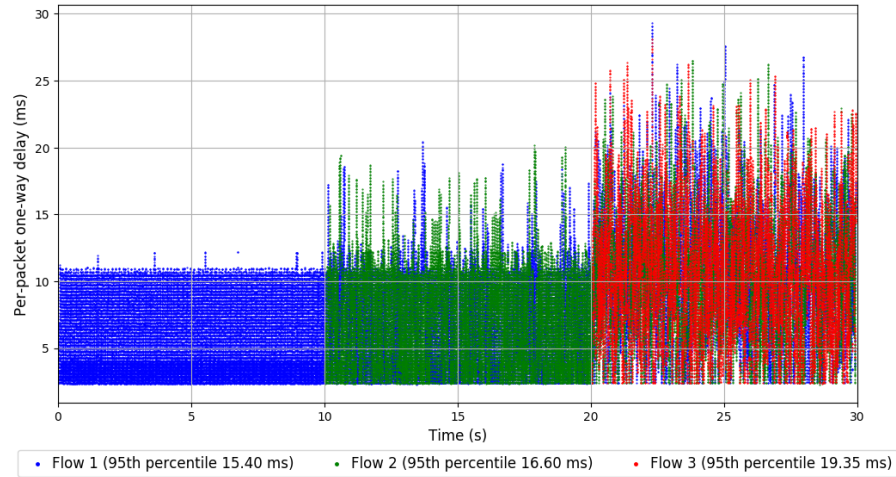
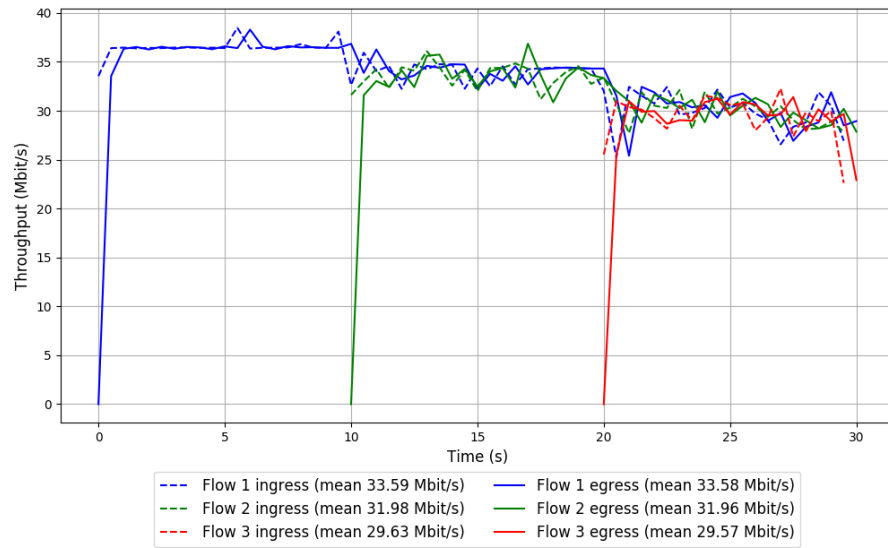


Run 9: Statistics of Sprout

Start at: 2018-08-01 10:32:50
End at: 2018-08-01 10:33:20
Local clock offset: -3.535 ms
Remote clock offset: -7.564 ms

Below is generated by plot.py at 2018-08-01 11:16:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.62 Mbit/s
95th percentile per-packet one-way delay: 16.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.58 Mbit/s
95th percentile per-packet one-way delay: 15.398 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 16.600 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.57 Mbit/s
95th percentile per-packet one-way delay: 19.354 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

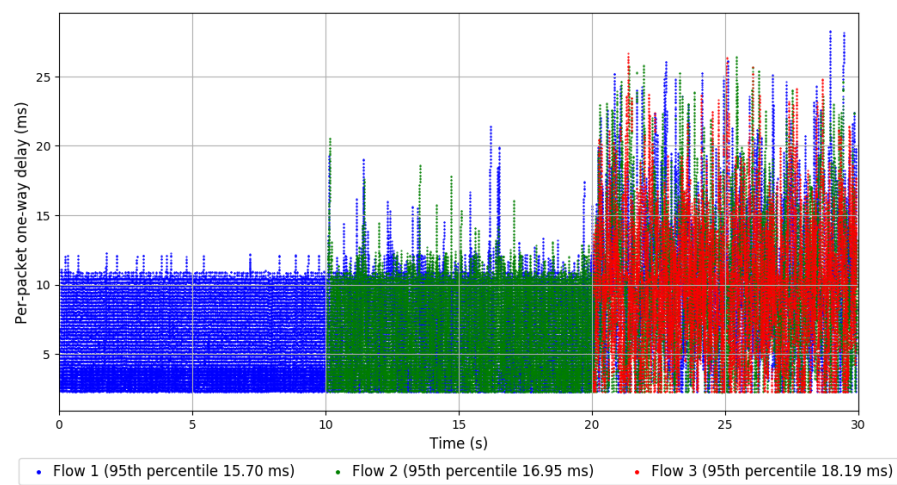
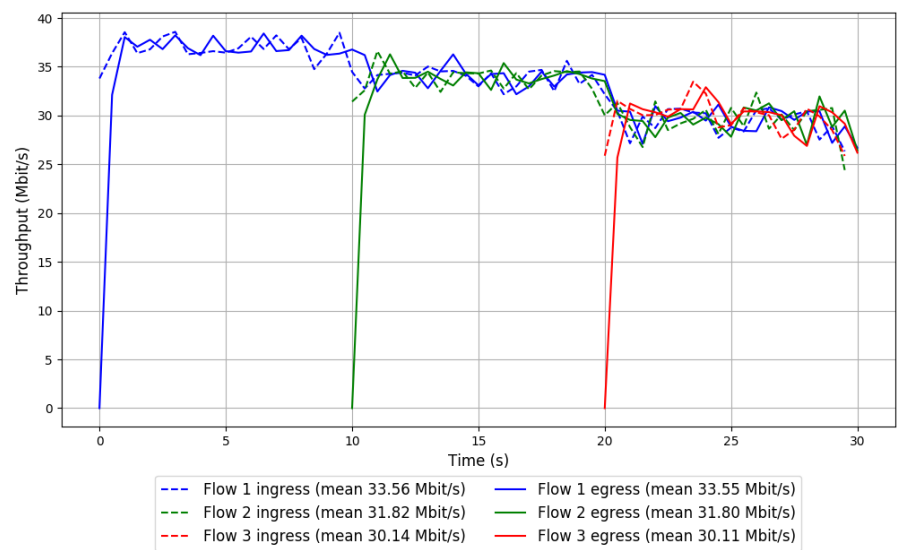


Run 10: Statistics of Sprout

Start at: 2018-08-01 10:52:01
End at: 2018-08-01 10:52:31
Local clock offset: -2.854 ms
Remote clock offset: -6.615 ms

Below is generated by plot.py at 2018-08-01 11:16:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.65 Mbit/s
95th percentile per-packet one-way delay: 16.662 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.55 Mbit/s
95th percentile per-packet one-way delay: 15.702 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 16.949 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 18.187 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

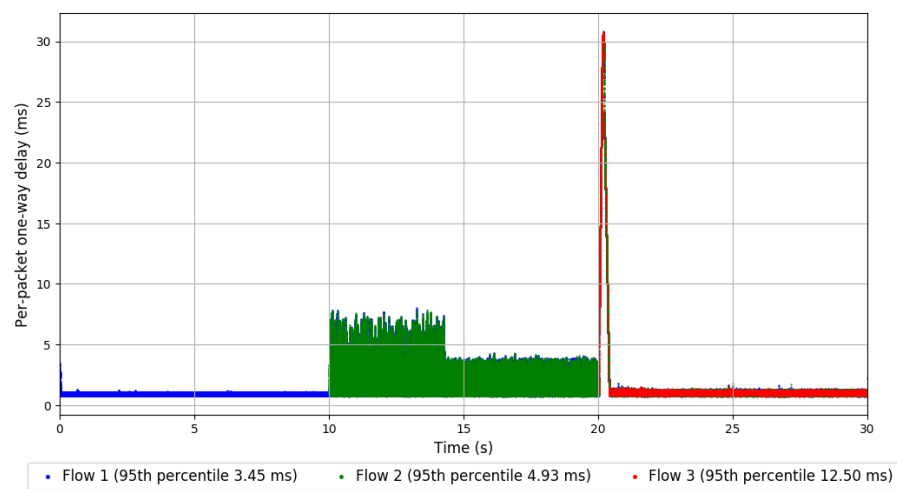
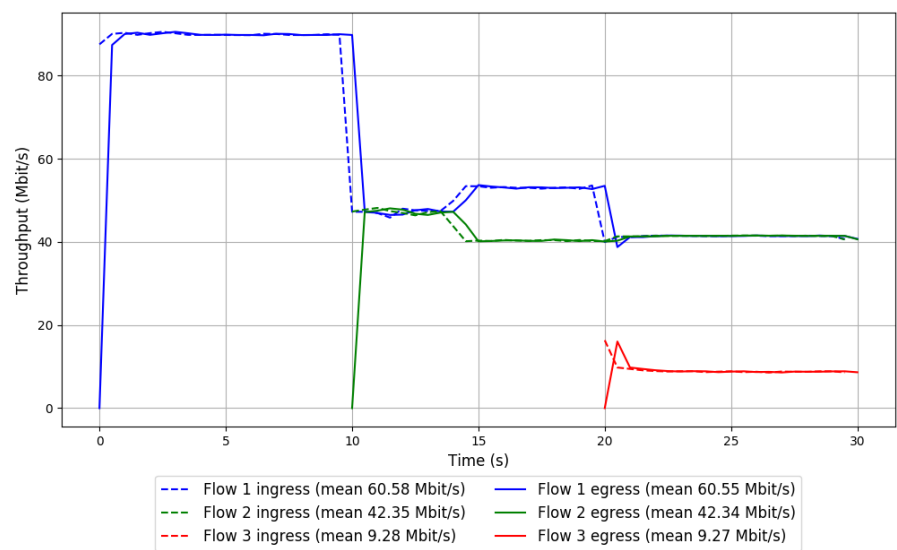


Run 1: Statistics of TaoVA-100x

Start at: 2018-08-01 07:42:20
End at: 2018-08-01 07:42:50
Local clock offset: 5.905 ms
Remote clock offset: -1.634 ms

Below is generated by plot.py at 2018-08-01 11:17:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 3.894 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 60.55 Mbit/s
95th percentile per-packet one-way delay: 3.453 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 42.34 Mbit/s
95th percentile per-packet one-way delay: 4.933 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 12.499 ms
Loss rate: 0.15%

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

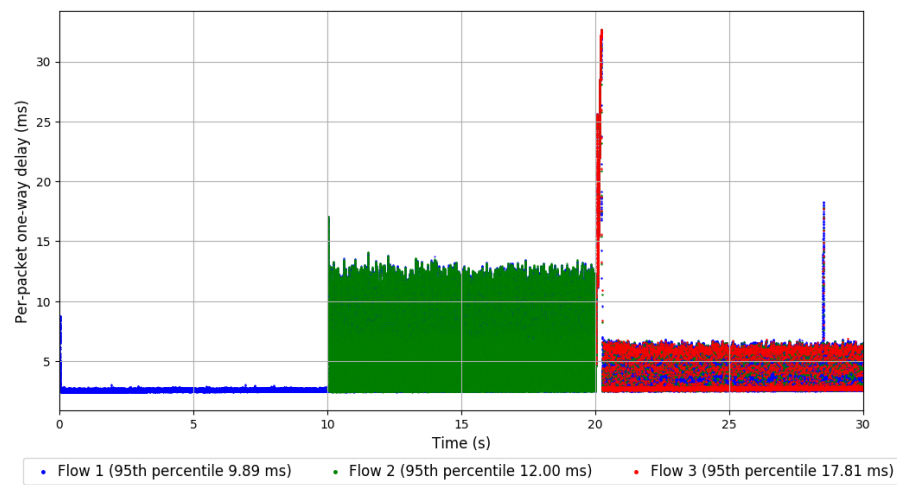
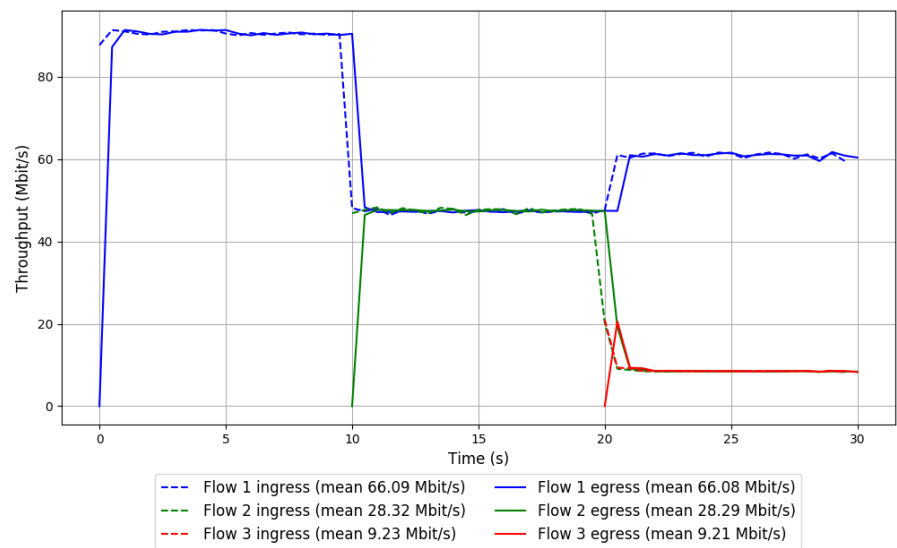


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-01 08:01:29
End at: 2018-08-01 08:01:59
Local clock offset: 8.132 ms
Remote clock offset: -6.436 ms

Below is generated by plot.py at 2018-08-01 11:17:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.99 Mbit/s
95th percentile per-packet one-way delay: 11.027 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 66.08 Mbit/s
95th percentile per-packet one-way delay: 9.895 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.29 Mbit/s
95th percentile per-packet one-way delay: 12.001 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 17.814 ms
Loss rate: 0.21%

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

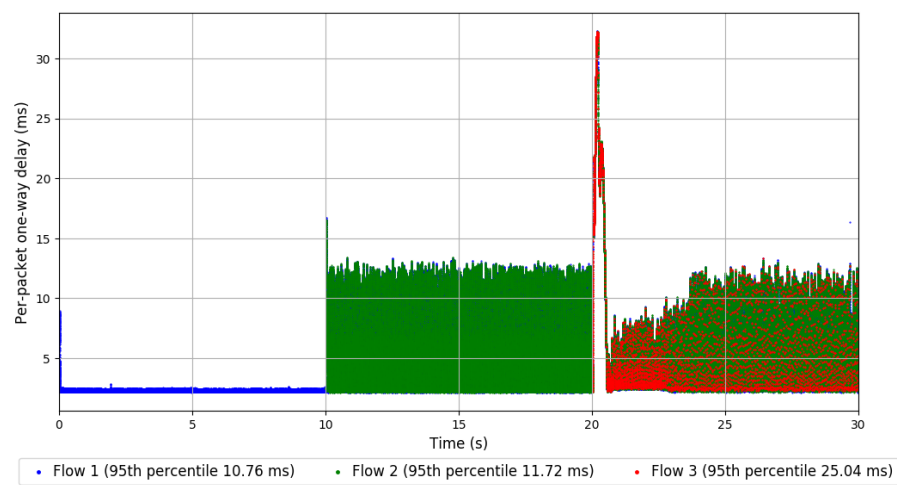
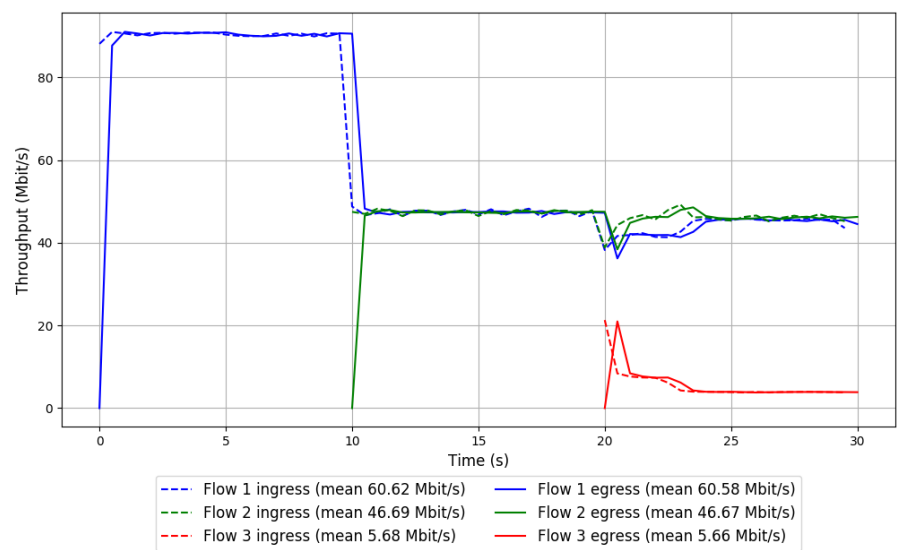


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-01 08:20:41
End at: 2018-08-01 08:21:11
Local clock offset: 10.454 ms
Remote clock offset: -7.647 ms

Below is generated by plot.py at 2018-08-01 11:17:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 11.300 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 60.58 Mbit/s
95th percentile per-packet one-way delay: 10.764 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 46.67 Mbit/s
95th percentile per-packet one-way delay: 11.723 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 5.66 Mbit/s
95th percentile per-packet one-way delay: 25.044 ms
Loss rate: 0.19%

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

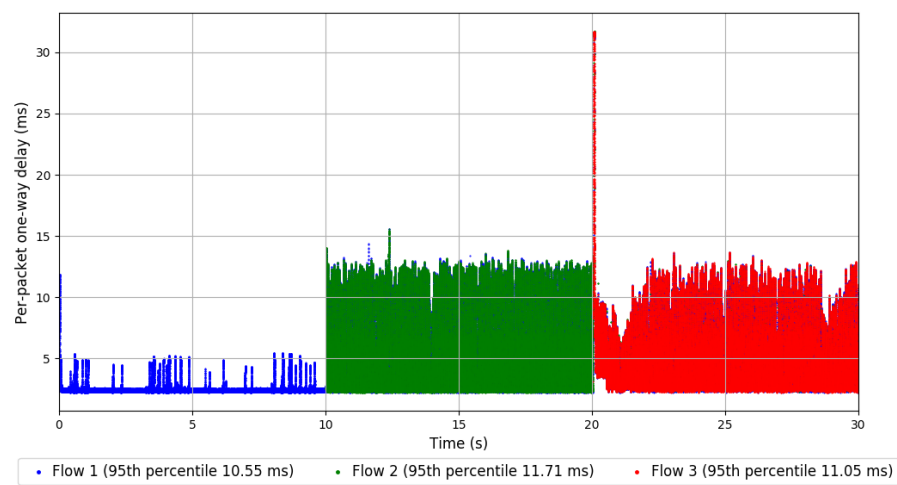
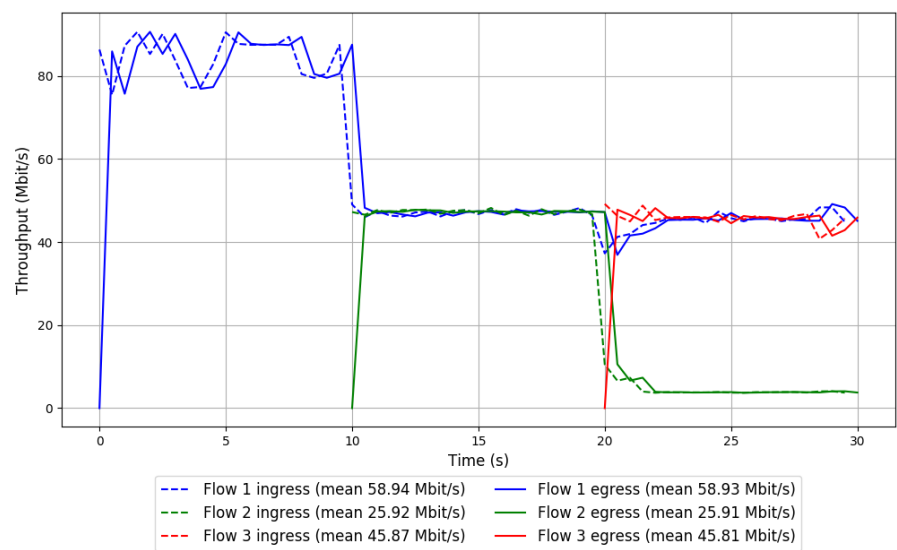


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-01 08:39:54
End at: 2018-08-01 08:40:24
Local clock offset: 8.278 ms
Remote clock offset: -6.814 ms

Below is generated by plot.py at 2018-08-01 11:17:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.42 Mbit/s
95th percentile per-packet one-way delay: 11.016 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 10.554 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 11.705 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 45.81 Mbit/s
95th percentile per-packet one-way delay: 11.048 ms
Loss rate: 0.09%

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

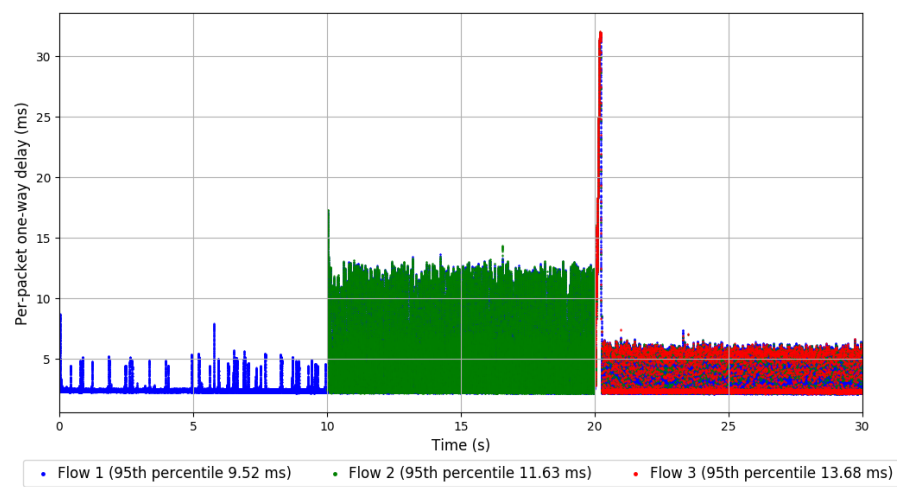
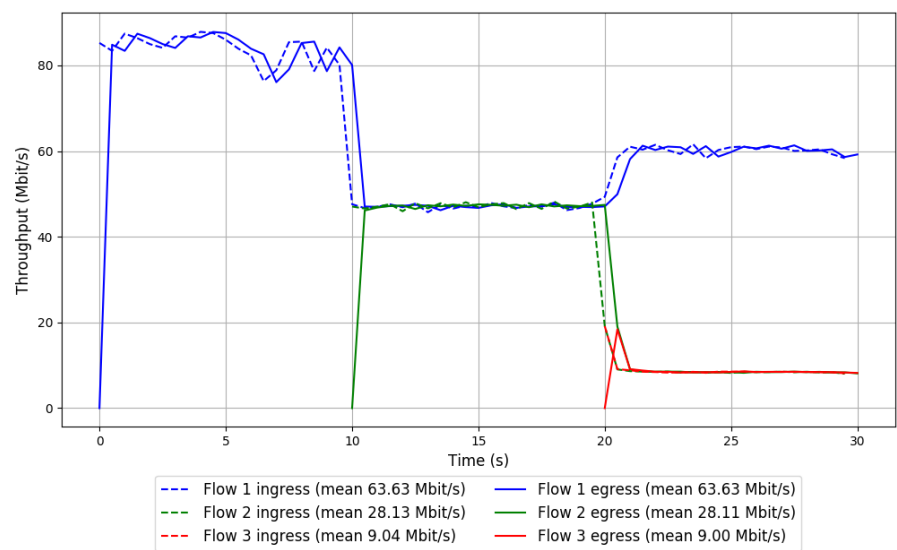


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-01 08:59:06
End at: 2018-08-01 08:59:36
Local clock offset: 8.838 ms
Remote clock offset: -4.214 ms

Below is generated by plot.py at 2018-08-01 11:17:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.34 Mbit/s
95th percentile per-packet one-way delay: 10.604 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 63.63 Mbit/s
95th percentile per-packet one-way delay: 9.515 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.11 Mbit/s
95th percentile per-packet one-way delay: 11.629 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 13.678 ms
Loss rate: 0.39%

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

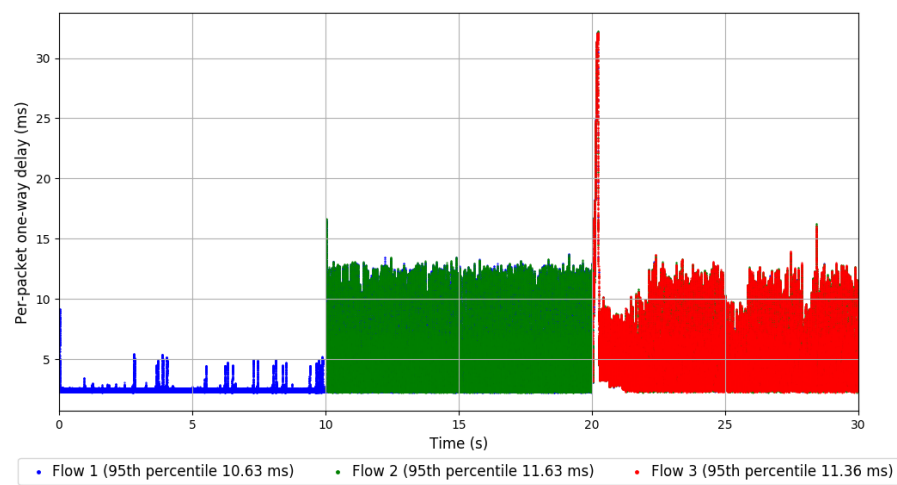
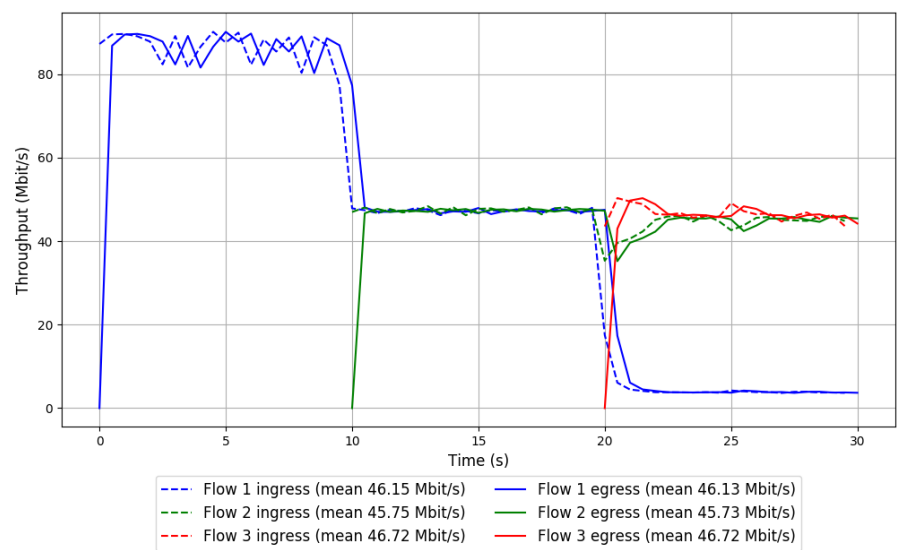


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-01 09:18:17
End at: 2018-08-01 09:18:47
Local clock offset: 9.732 ms
Remote clock offset: -0.709 ms

Below is generated by plot.py at 2018-08-01 11:18:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.12 Mbit/s
95th percentile per-packet one-way delay: 11.245 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 46.13 Mbit/s
95th percentile per-packet one-way delay: 10.633 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 45.73 Mbit/s
95th percentile per-packet one-way delay: 11.635 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 11.363 ms
Loss rate: 0.01%

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

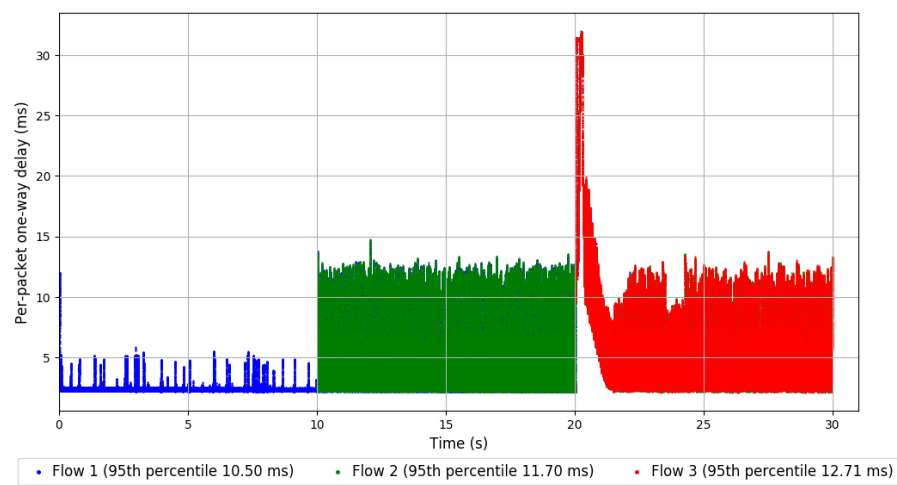
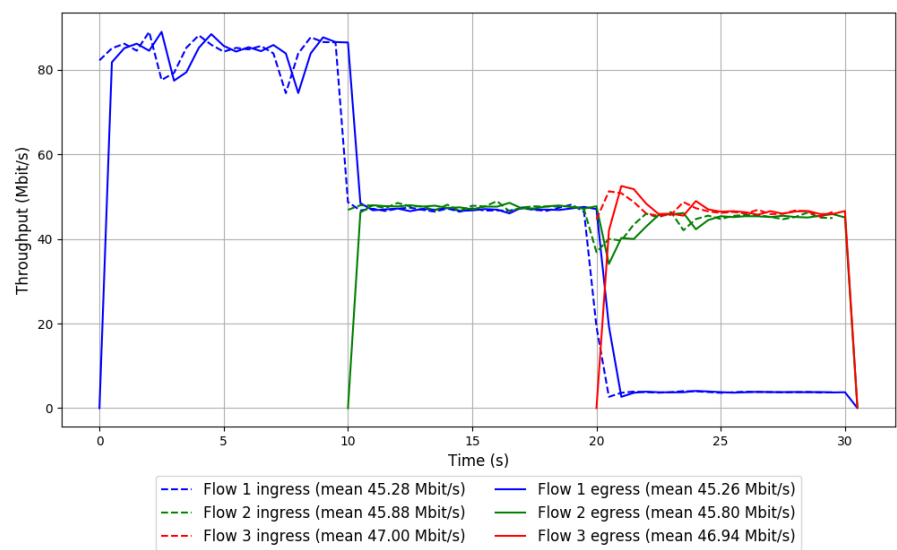


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-01 09:37:30
End at: 2018-08-01 09:38:00
Local clock offset: -7.168 ms
Remote clock offset: -4.925 ms

Below is generated by plot.py at 2018-08-01 11:18:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 11.387 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 45.26 Mbit/s
95th percentile per-packet one-way delay: 10.496 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 45.80 Mbit/s
95th percentile per-packet one-way delay: 11.695 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 46.94 Mbit/s
95th percentile per-packet one-way delay: 12.706 ms
Loss rate: 0.01%

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

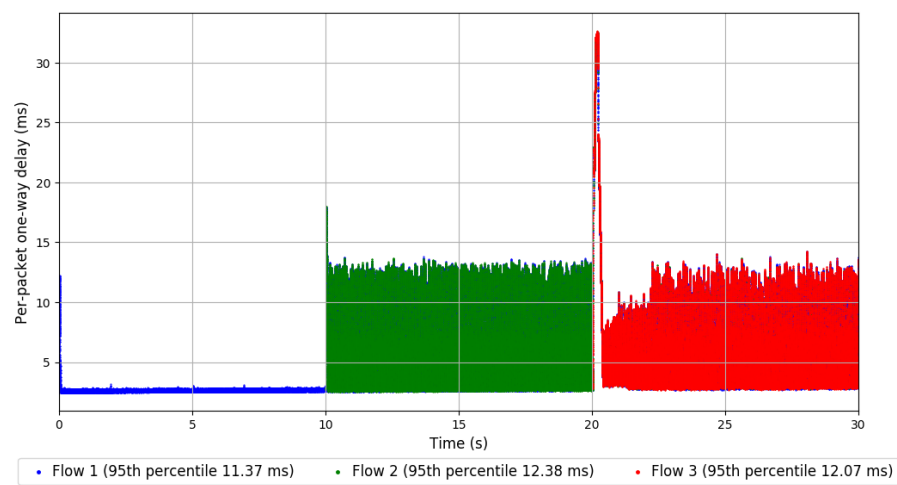
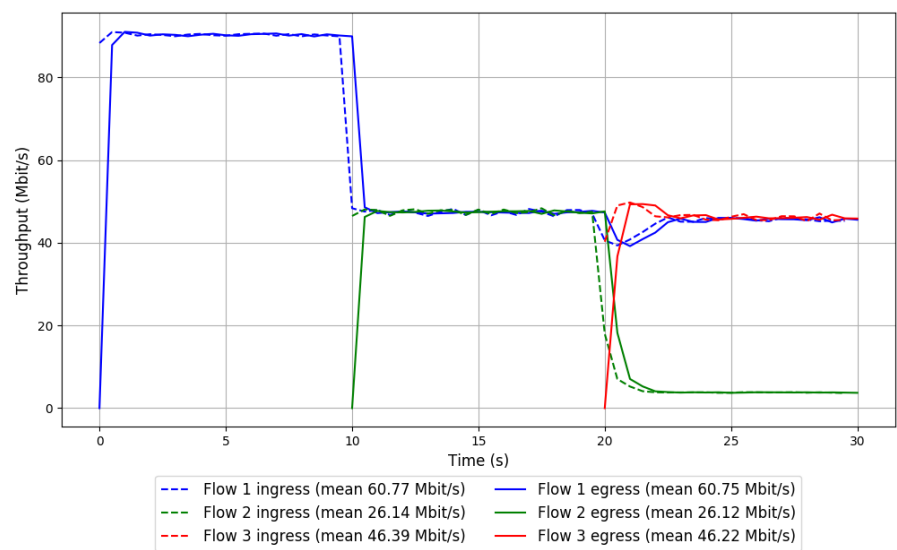


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-01 09:56:42
End at: 2018-08-01 09:57:12
Local clock offset: -9.416 ms
Remote clock offset: -7.659 ms

Below is generated by plot.py at 2018-08-01 11:18:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 11.812 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 60.75 Mbit/s
95th percentile per-packet one-way delay: 11.374 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.12 Mbit/s
95th percentile per-packet one-way delay: 12.385 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 46.22 Mbit/s
95th percentile per-packet one-way delay: 12.073 ms
Loss rate: 0.29%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-08-01 10:15:54

End at: 2018-08-01 10:16:24

Local clock offset: -5.801 ms

Remote clock offset: -7.48 ms

Below is generated by plot.py at 2018-08-01 11:19:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.56 Mbit/s

95th percentile per-packet one-way delay: 11.250 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 60.75 Mbit/s

95th percentile per-packet one-way delay: 10.787 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 46.62 Mbit/s

95th percentile per-packet one-way delay: 11.644 ms

Loss rate: 0.01%

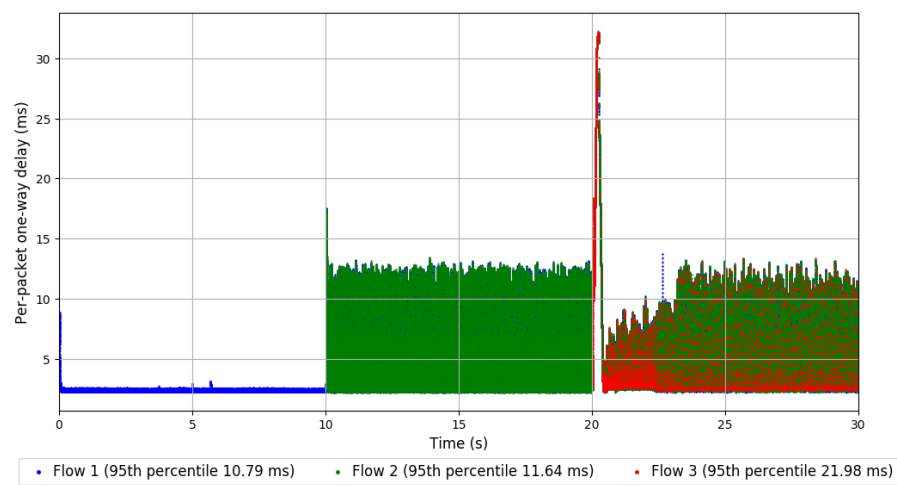
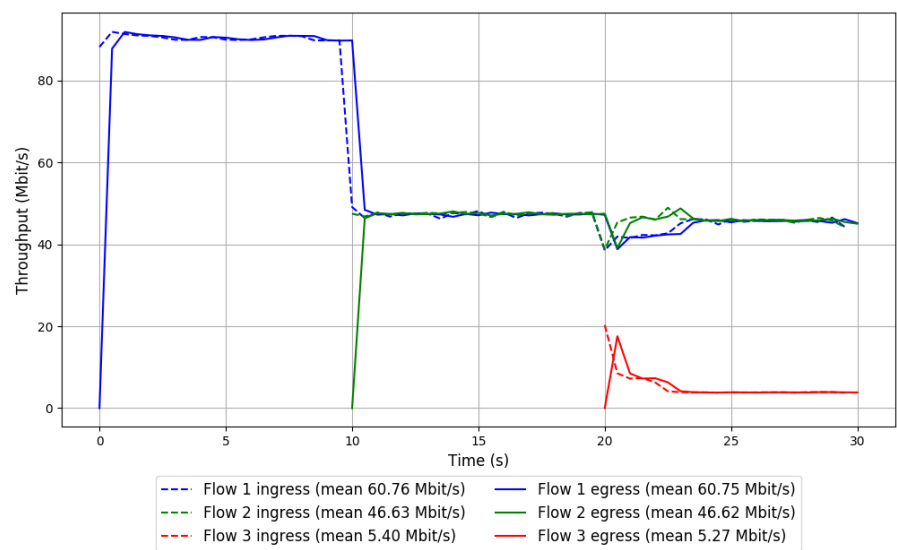
-- Flow 3:

Average throughput: 5.27 Mbit/s

95th percentile per-packet one-way delay: 21.980 ms

Loss rate: 2.49%

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

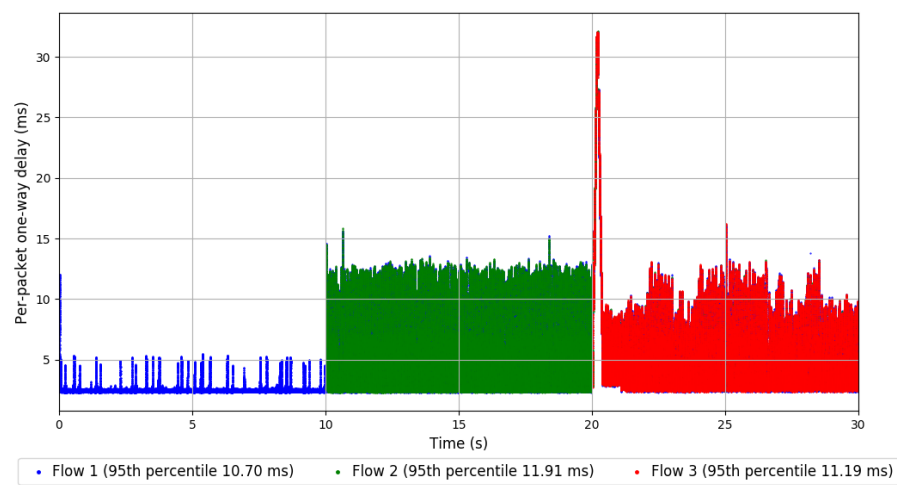
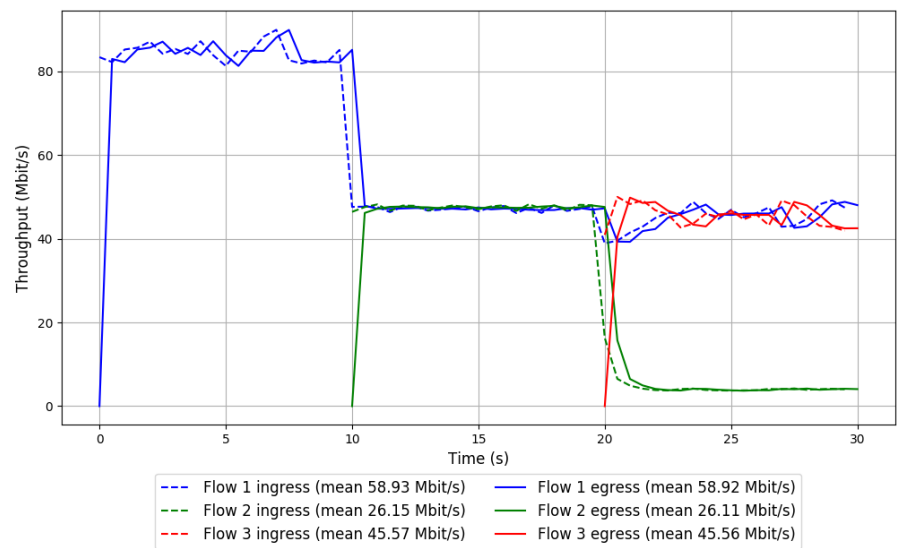


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-01 10:35:06
End at: 2018-08-01 10:35:36
Local clock offset: -3.278 ms
Remote clock offset: -7.585 ms

Below is generated by plot.py at 2018-08-01 11:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.46 Mbit/s
95th percentile per-packet one-way delay: 11.216 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 10.701 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 11.915 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 45.56 Mbit/s
95th percentile per-packet one-way delay: 11.194 ms
Loss rate: 0.02%

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

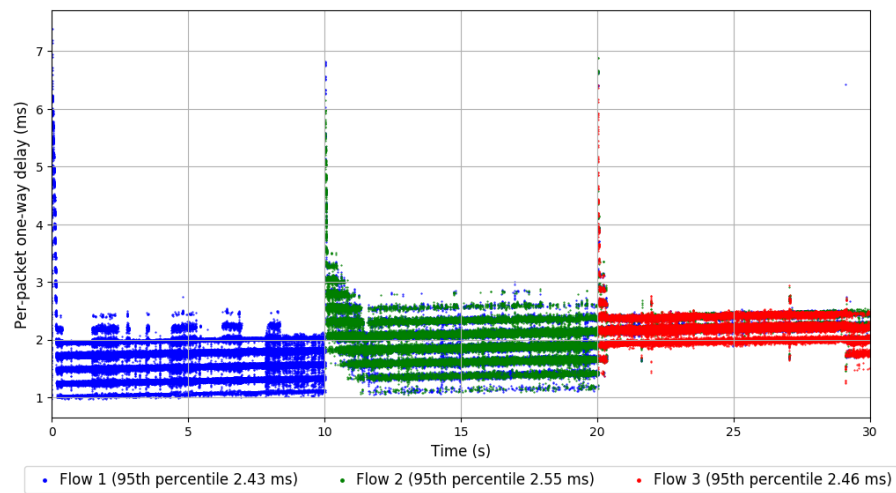
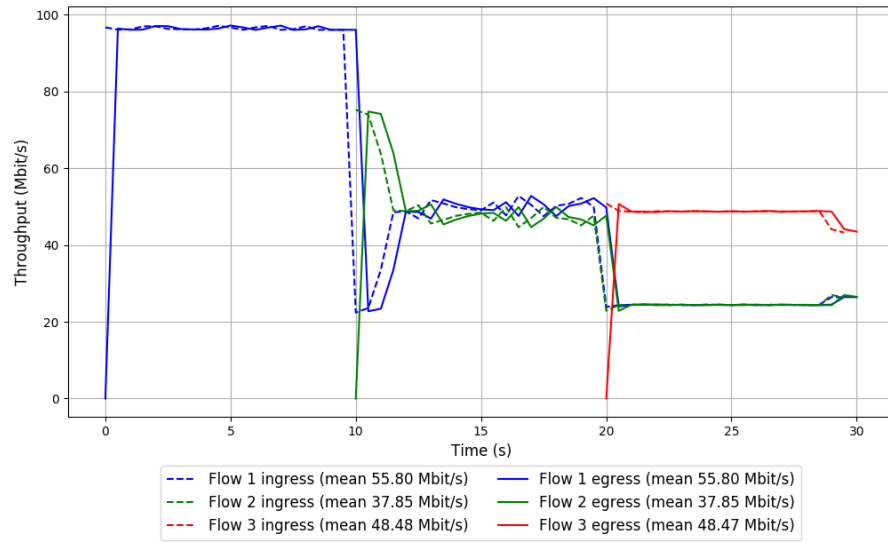


Run 1: Statistics of TCP Vegas

Start at: 2018-08-01 07:46:53
End at: 2018-08-01 07:47:23
Local clock offset: 5.899 ms
Remote clock offset: -2.399 ms

Below is generated by plot.py at 2018-08-01 11:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 2.457 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.80 Mbit/s
95th percentile per-packet one-way delay: 2.430 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.85 Mbit/s
95th percentile per-packet one-way delay: 2.554 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.47 Mbit/s
95th percentile per-packet one-way delay: 2.458 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

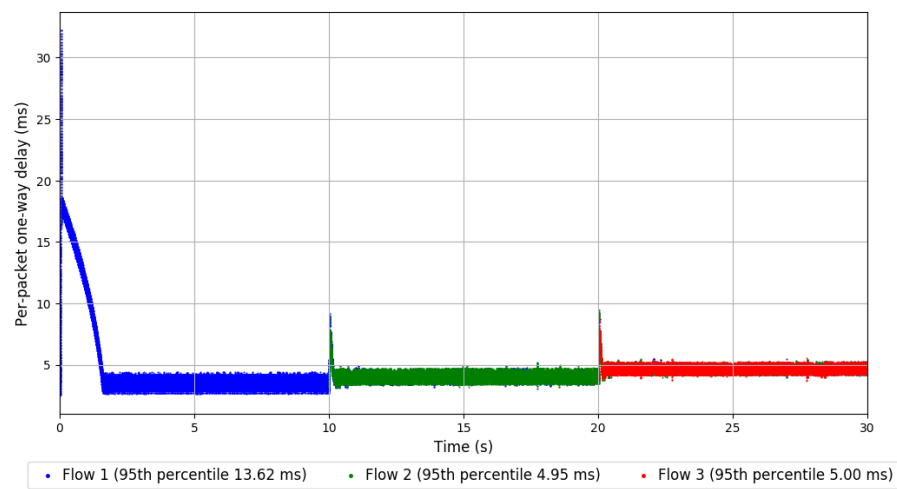
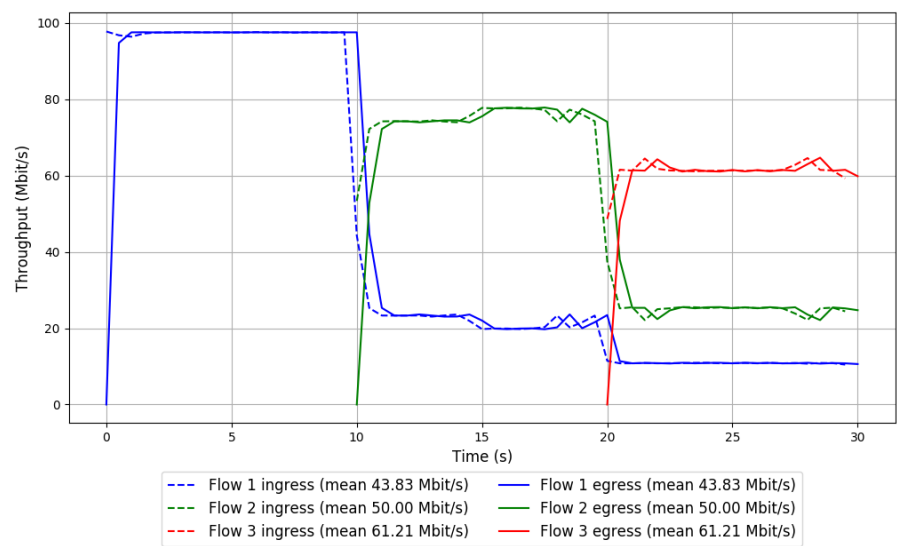


Run 2: Statistics of TCP Vegas

Start at: 2018-08-01 08:06:02
End at: 2018-08-01 08:06:32
Local clock offset: 8.763 ms
Remote clock offset: -6.891 ms

Below is generated by plot.py at 2018-08-01 11:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 6.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.83 Mbit/s
95th percentile per-packet one-way delay: 13.619 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 4.952 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.21 Mbit/s
95th percentile per-packet one-way delay: 4.995 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

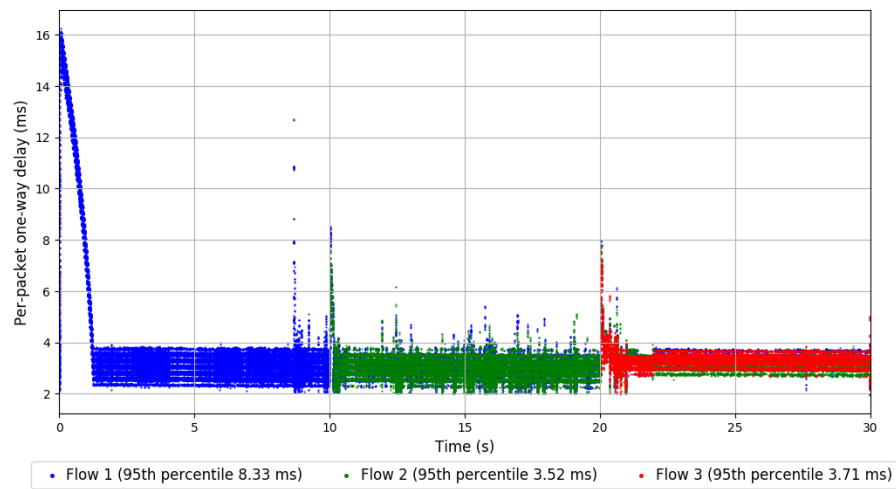
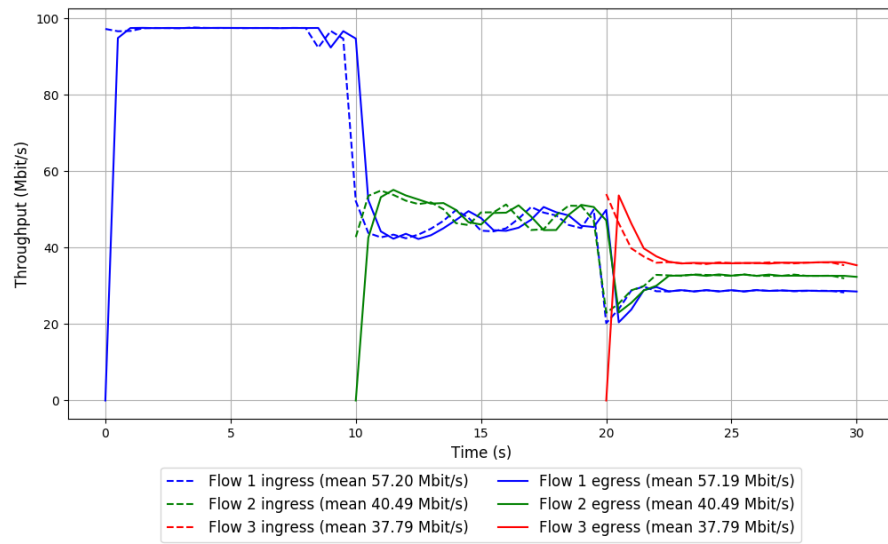


Run 3: Statistics of TCP Vegas

Start at: 2018-08-01 08:25:14
End at: 2018-08-01 08:25:44
Local clock offset: 9.801 ms
Remote clock offset: -7.216 ms

Below is generated by plot.py at 2018-08-01 11:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 4.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.19 Mbit/s
95th percentile per-packet one-way delay: 8.331 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 3.515 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.79 Mbit/s
95th percentile per-packet one-way delay: 3.709 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

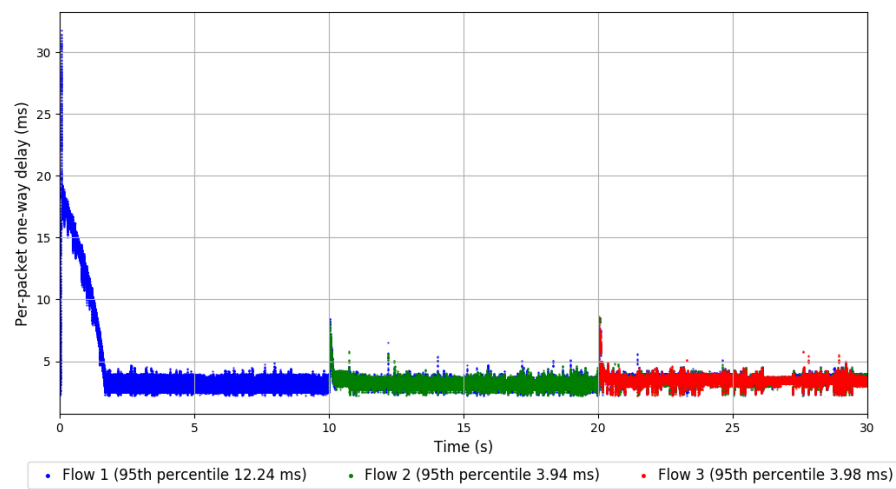
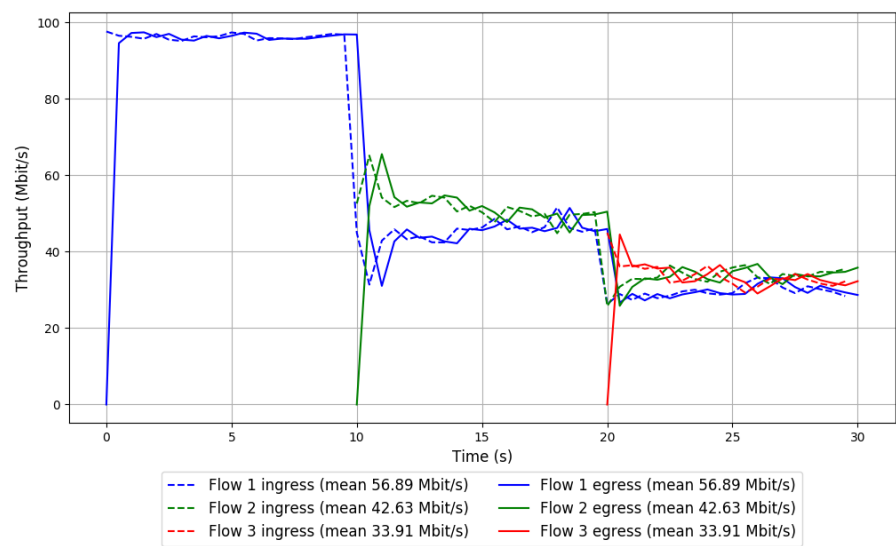


Run 4: Statistics of TCP Vegas

Start at: 2018-08-01 08:44:27
End at: 2018-08-01 08:44:57
Local clock offset: 8.26 ms
Remote clock offset: -6.765 ms

Below is generated by plot.py at 2018-08-01 11:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 6.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.89 Mbit/s
95th percentile per-packet one-way delay: 12.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.63 Mbit/s
95th percentile per-packet one-way delay: 3.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.91 Mbit/s
95th percentile per-packet one-way delay: 3.983 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

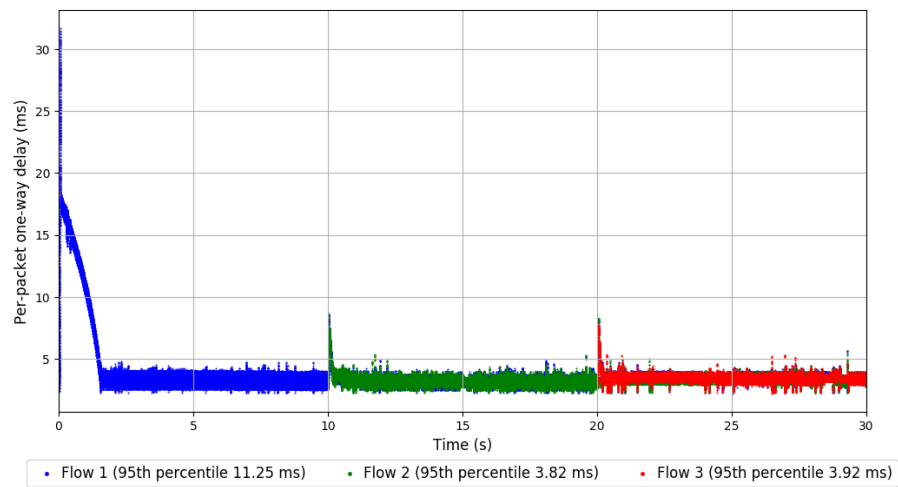
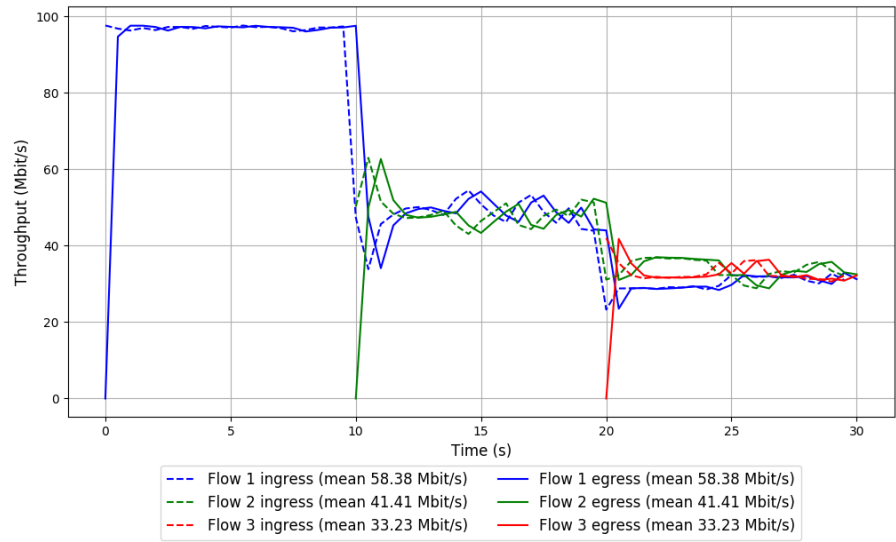


Run 5: Statistics of TCP Vegas

Start at: 2018-08-01 09:03:39
End at: 2018-08-01 09:04:09
Local clock offset: 9.06 ms
Remote clock offset: -2.855 ms

Below is generated by plot.py at 2018-08-01 11:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 5.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.38 Mbit/s
95th percentile per-packet one-way delay: 11.248 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 3.823 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 3.922 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

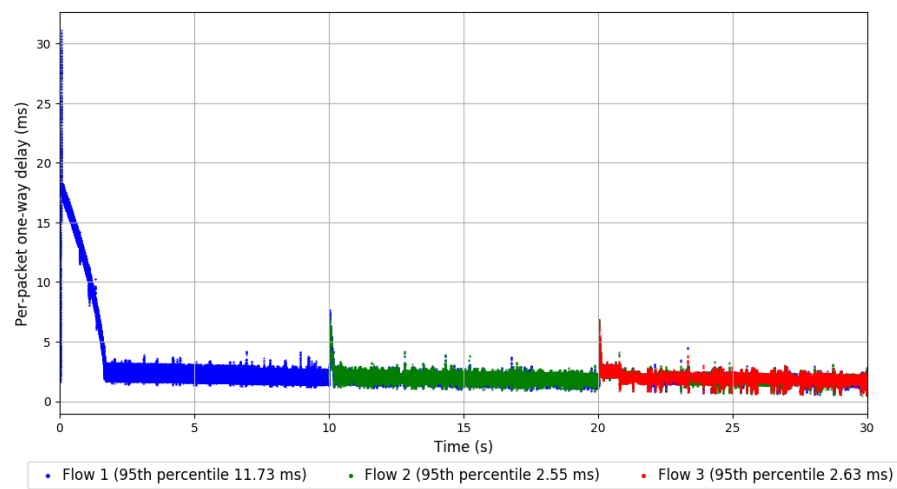
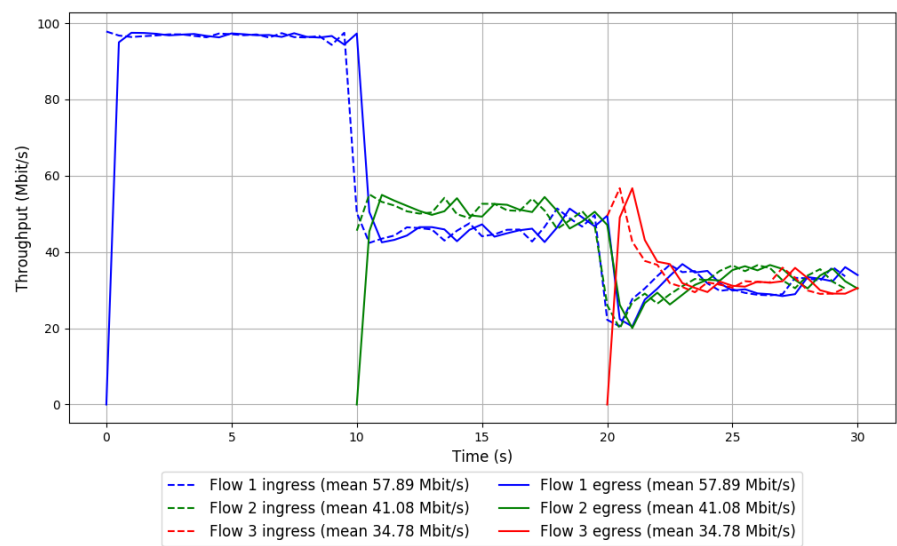


Run 6: Statistics of TCP Vegas

Start at: 2018-08-01 09:22:51
End at: 2018-08-01 09:23:21
Local clock offset: 9.258 ms
Remote clock offset: -0.282 ms

Below is generated by plot.py at 2018-08-01 11:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 5.934 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.89 Mbit/s
95th percentile per-packet one-way delay: 11.732 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.08 Mbit/s
95th percentile per-packet one-way delay: 2.548 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 2.634 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

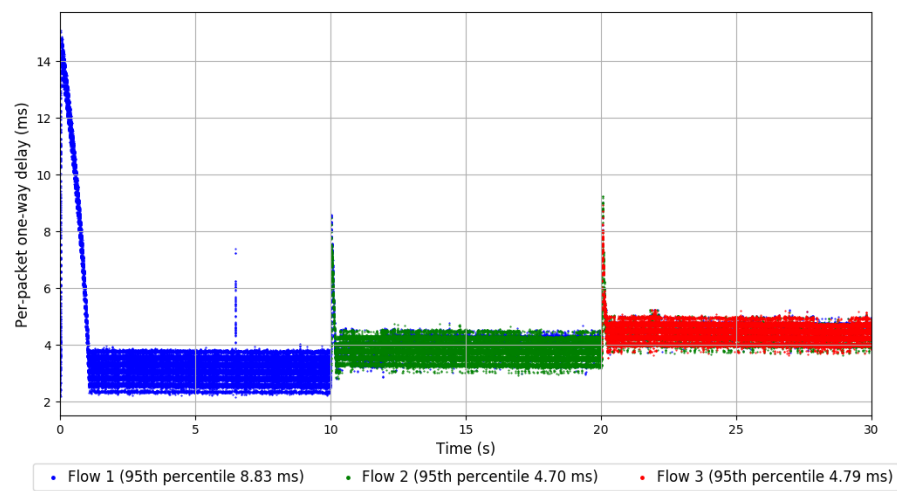
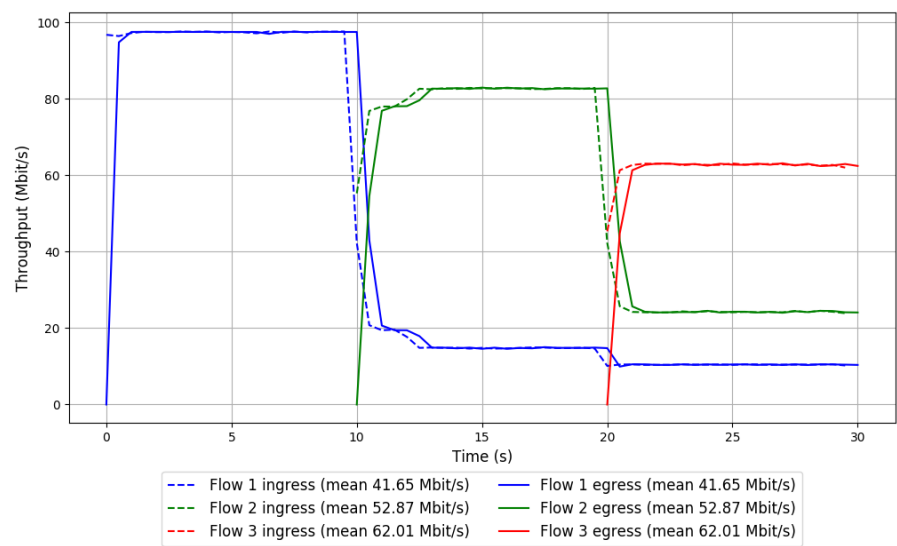


Run 7: Statistics of TCP Vegas

Start at: 2018-08-01 09:42:03
End at: 2018-08-01 09:42:33
Local clock offset: -9.263 ms
Remote clock offset: -6.062 ms

Below is generated by plot.py at 2018-08-01 11:20:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 4.833 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.65 Mbit/s
95th percentile per-packet one-way delay: 8.834 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 4.695 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.01 Mbit/s
95th percentile per-packet one-way delay: 4.791 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

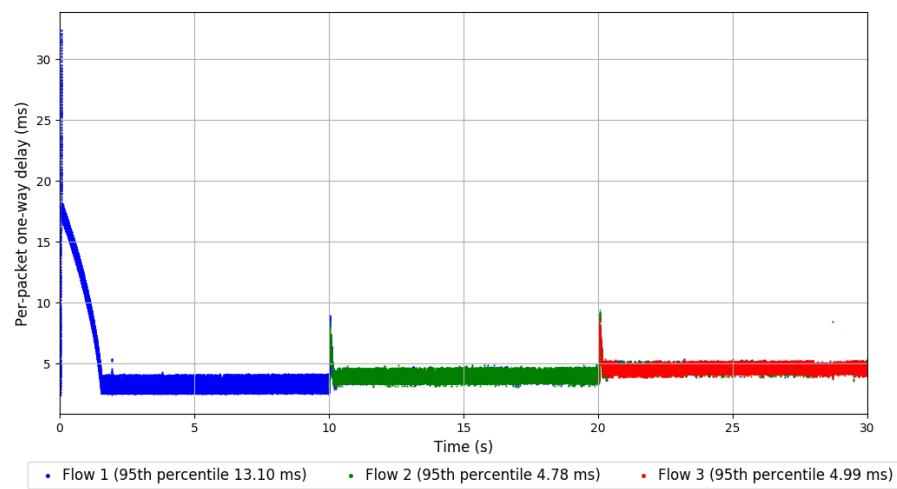
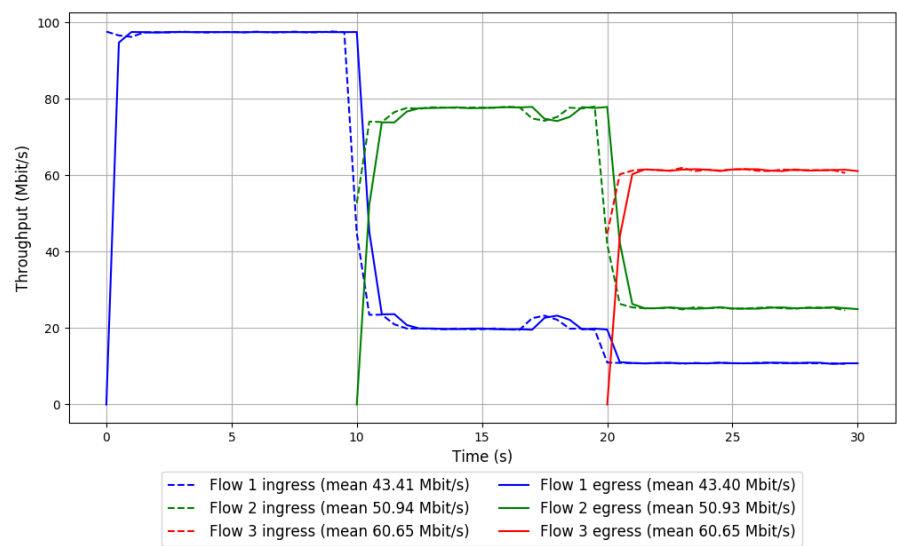


Run 8: Statistics of TCP Vegas

Start at: 2018-08-01 10:01:15
End at: 2018-08-01 10:01:45
Local clock offset: -7.441 ms
Remote clock offset: -7.892 ms

Below is generated by plot.py at 2018-08-01 11:20:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 5.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.40 Mbit/s
95th percentile per-packet one-way delay: 13.103 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.93 Mbit/s
95th percentile per-packet one-way delay: 4.781 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 60.65 Mbit/s
95th percentile per-packet one-way delay: 4.988 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

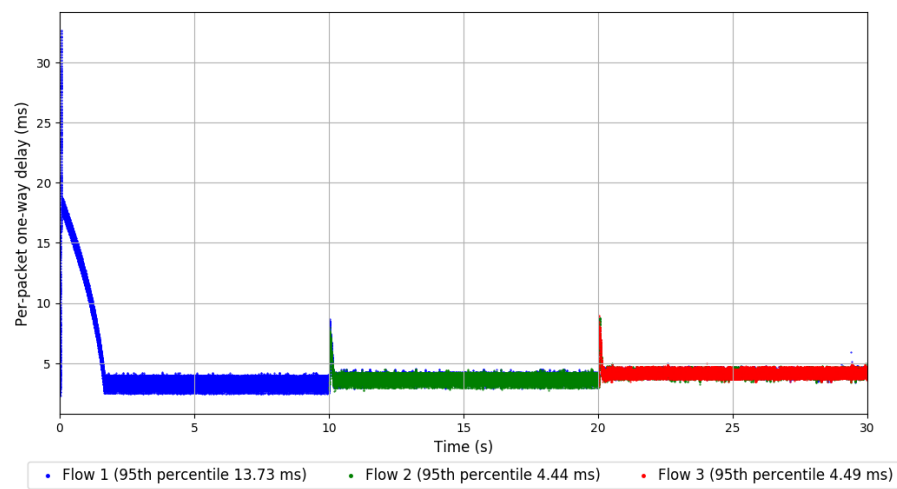
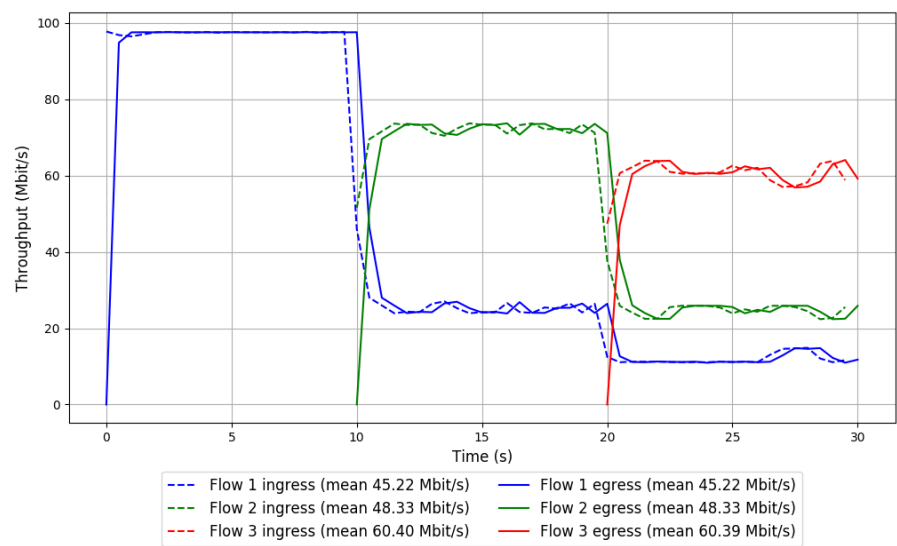


Run 9: Statistics of TCP Vegas

Start at: 2018-08-01 10:20:28
End at: 2018-08-01 10:20:58
Local clock offset: -5.886 ms
Remote clock offset: -7.439 ms

Below is generated by plot.py at 2018-08-01 11:20:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 6.694 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.22 Mbit/s
95th percentile per-packet one-way delay: 13.731 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.33 Mbit/s
95th percentile per-packet one-way delay: 4.442 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 60.39 Mbit/s
95th percentile per-packet one-way delay: 4.489 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

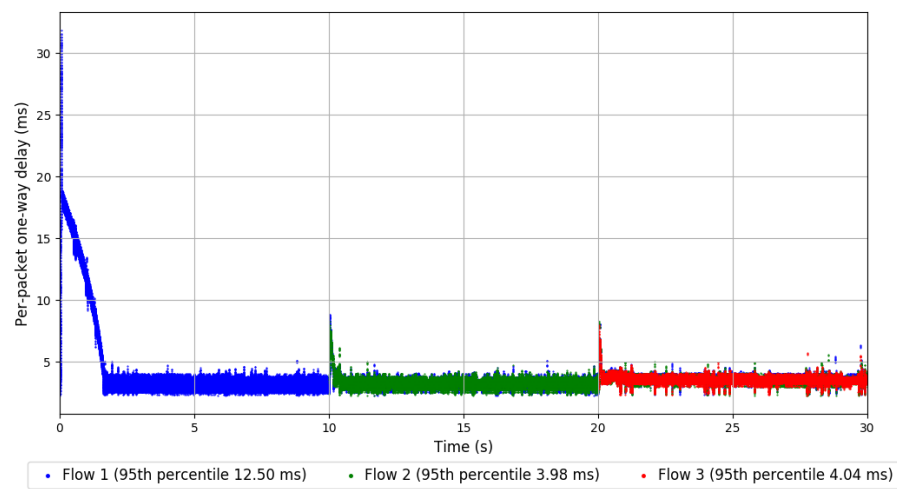
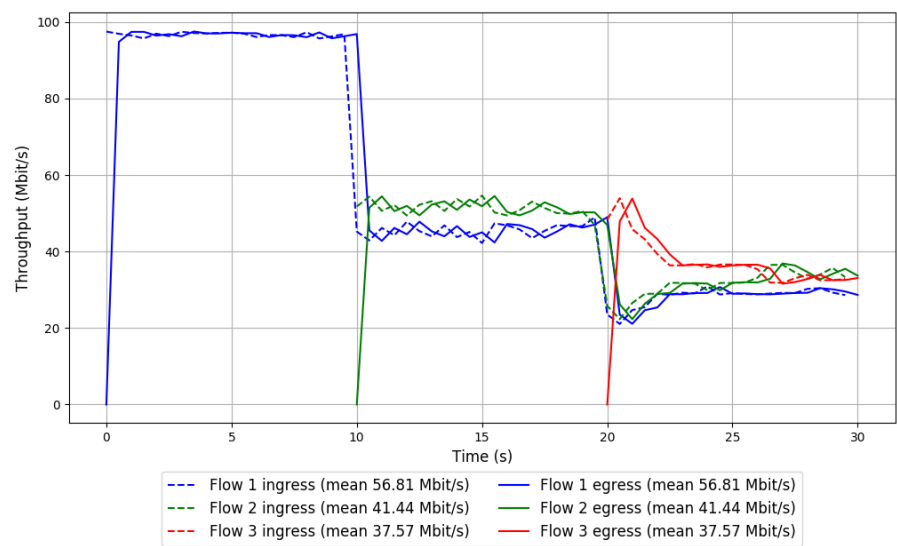


Run 10: Statistics of TCP Vegas

Start at: 2018-08-01 10:39:39
End at: 2018-08-01 10:40:09
Local clock offset: -3.068 ms
Remote clock offset: -7.219 ms

Below is generated by plot.py at 2018-08-01 11:20:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 6.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.81 Mbit/s
95th percentile per-packet one-way delay: 12.503 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.44 Mbit/s
95th percentile per-packet one-way delay: 3.983 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.57 Mbit/s
95th percentile per-packet one-way delay: 4.039 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

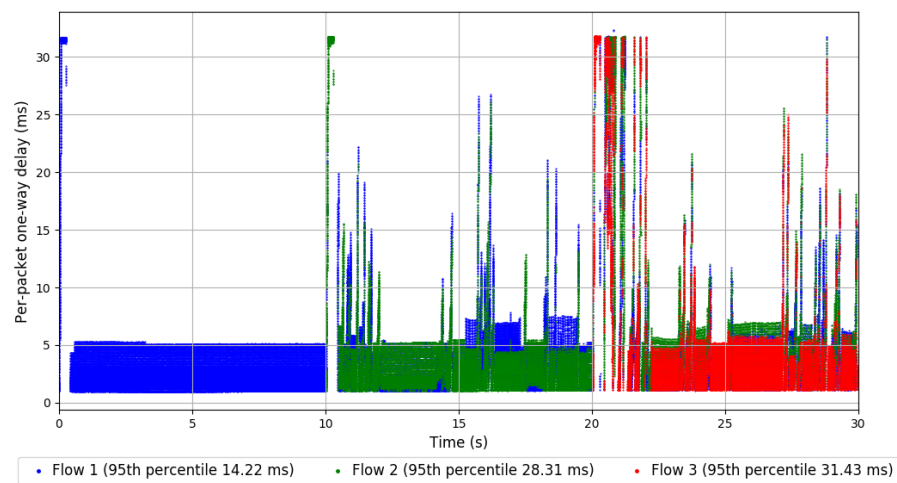
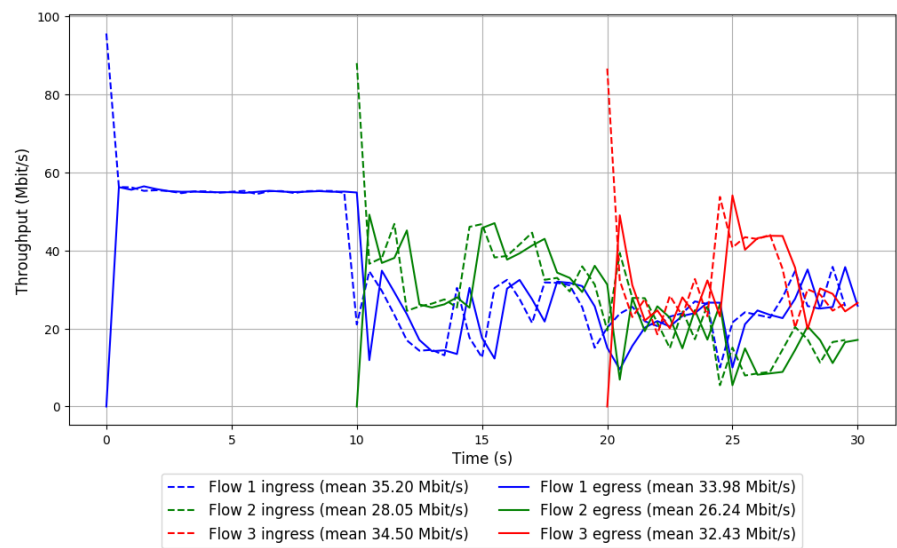


Run 1: Statistics of Verus

Start at: 2018-08-01 07:51:18
End at: 2018-08-01 07:51:48
Local clock offset: 6.016 ms
Remote clock offset: -4.298 ms

Below is generated by plot.py at 2018-08-01 11:20:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.18 Mbit/s
95th percentile per-packet one-way delay: 24.034 ms
Loss rate: 4.76%
-- Flow 1:
Average throughput: 33.98 Mbit/s
95th percentile per-packet one-way delay: 14.218 ms
Loss rate: 3.46%
-- Flow 2:
Average throughput: 26.24 Mbit/s
95th percentile per-packet one-way delay: 28.314 ms
Loss rate: 6.46%
-- Flow 3:
Average throughput: 32.43 Mbit/s
95th percentile per-packet one-way delay: 31.435 ms
Loss rate: 5.98%

Run 1: Report of Verus — Data Link

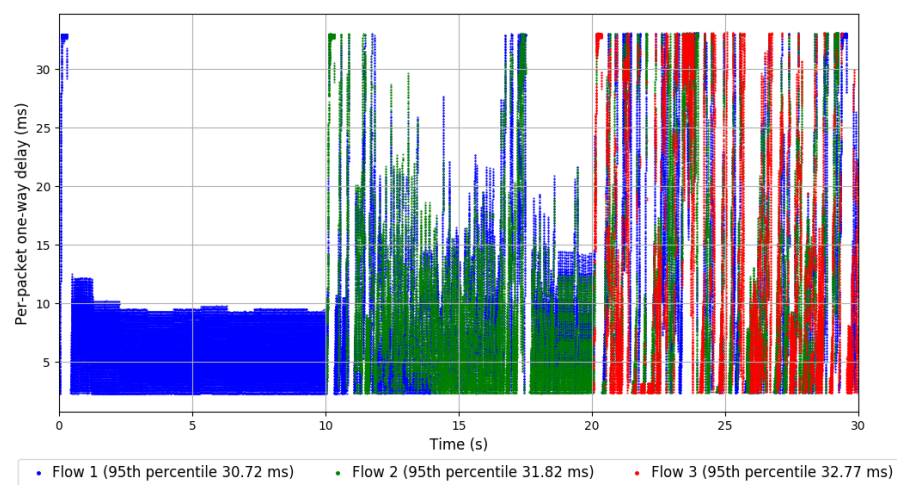
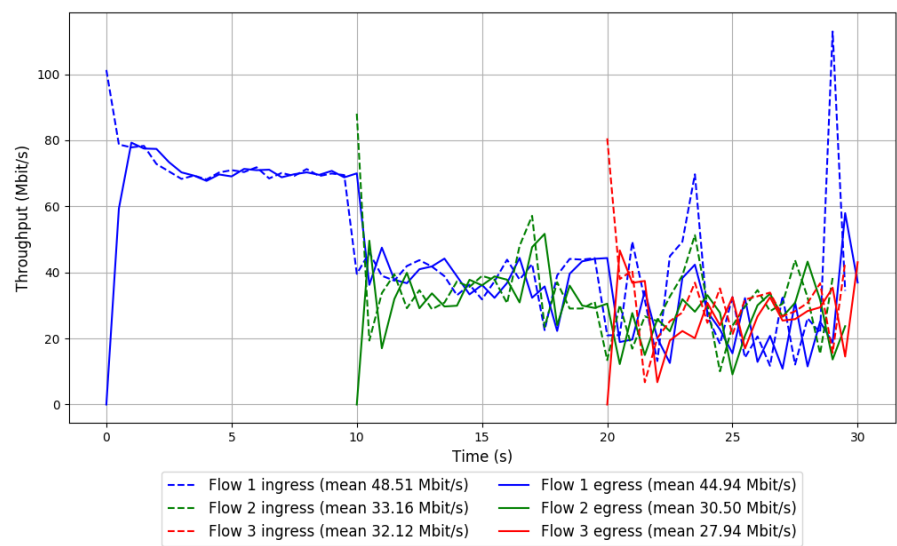


Run 2: Statistics of Verus

Start at: 2018-08-01 08:10:29
End at: 2018-08-01 08:10:59
Local clock offset: 9.394 ms
Remote clock offset: -7.261 ms

Below is generated by plot.py at 2018-08-01 11:20:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.85 Mbit/s
95th percentile per-packet one-way delay: 31.822 ms
Loss rate: 8.43%
-- Flow 1:
Average throughput: 44.94 Mbit/s
95th percentile per-packet one-way delay: 30.716 ms
Loss rate: 7.31%
-- Flow 2:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 31.822 ms
Loss rate: 8.78%
-- Flow 3:
Average throughput: 27.94 Mbit/s
95th percentile per-packet one-way delay: 32.765 ms
Loss rate: 12.87%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-08-01 08:29:41

End at: 2018-08-01 08:30:11

Local clock offset: 8.965 ms

Remote clock offset: -7.0 ms

Below is generated by plot.py at 2018-08-01 11:20:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.12 Mbit/s

95th percentile per-packet one-way delay: 32.610 ms

Loss rate: 28.44%

-- Flow 1:

Average throughput: 45.28 Mbit/s

95th percentile per-packet one-way delay: 31.692 ms

Loss rate: 11.35%

-- Flow 2:

Average throughput: 34.25 Mbit/s

95th percentile per-packet one-way delay: 32.663 ms

Loss rate: 39.11%

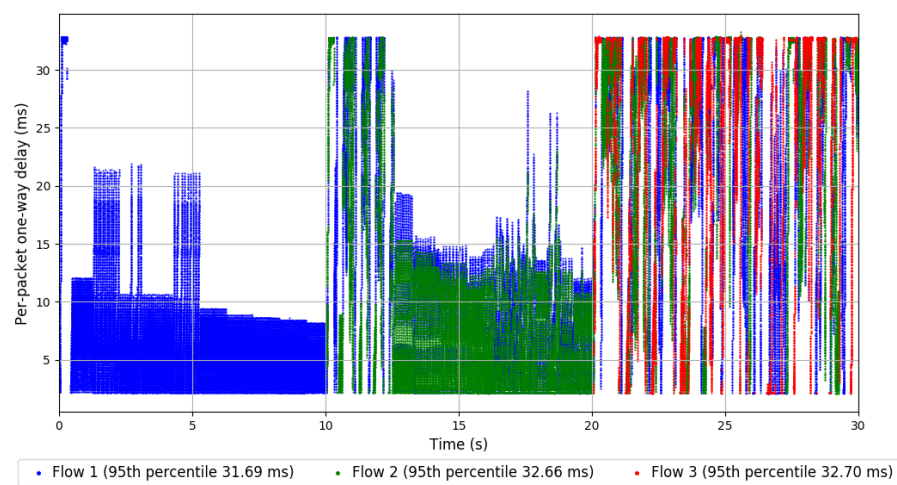
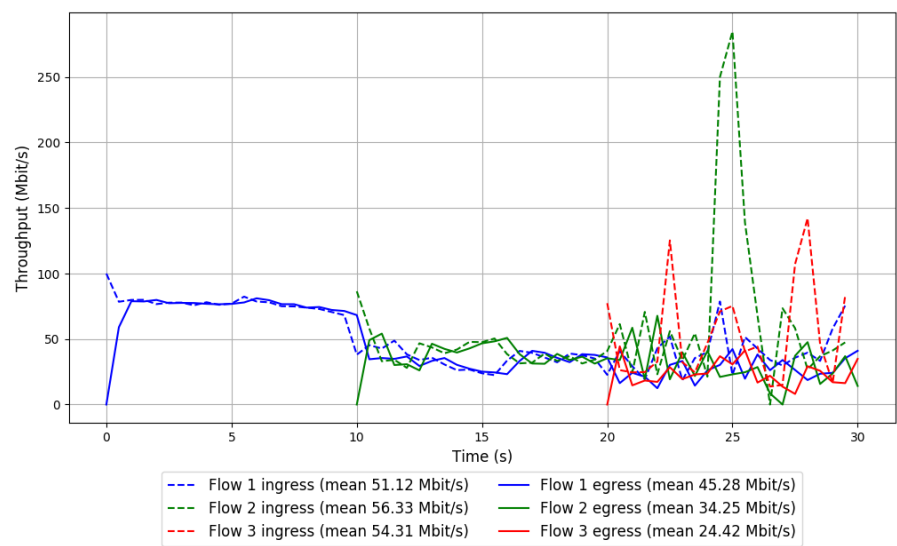
-- Flow 3:

Average throughput: 24.42 Mbit/s

95th percentile per-packet one-way delay: 32.699 ms

Loss rate: 54.95%

Run 3: Report of Verus — Data Link

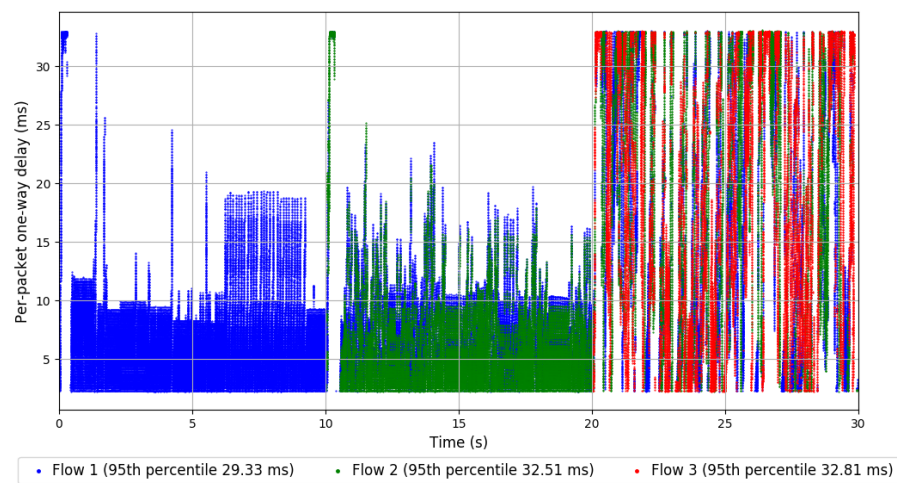
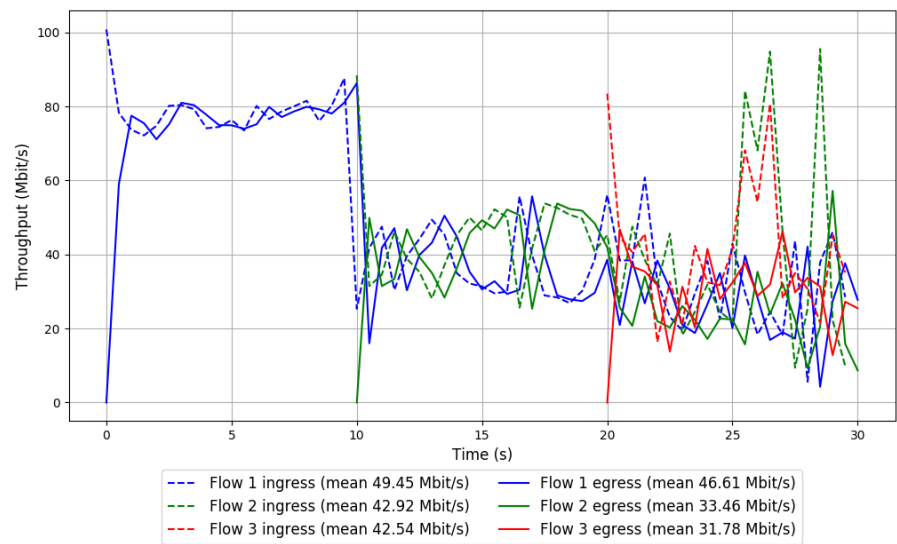


Run 4: Statistics of Verus

Start at: 2018-08-01 08:48:54
End at: 2018-08-01 08:49:24
Local clock offset: 8.304 ms
Remote clock offset: -6.829 ms

Below is generated by plot.py at 2018-08-01 11:20:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 32.383 ms
Loss rate: 13.72%
-- Flow 1:
Average throughput: 46.61 Mbit/s
95th percentile per-packet one-way delay: 29.332 ms
Loss rate: 5.74%
-- Flow 2:
Average throughput: 33.46 Mbit/s
95th percentile per-packet one-way delay: 32.506 ms
Loss rate: 22.03%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 32.810 ms
Loss rate: 25.06%

Run 4: Report of Verus — Data Link

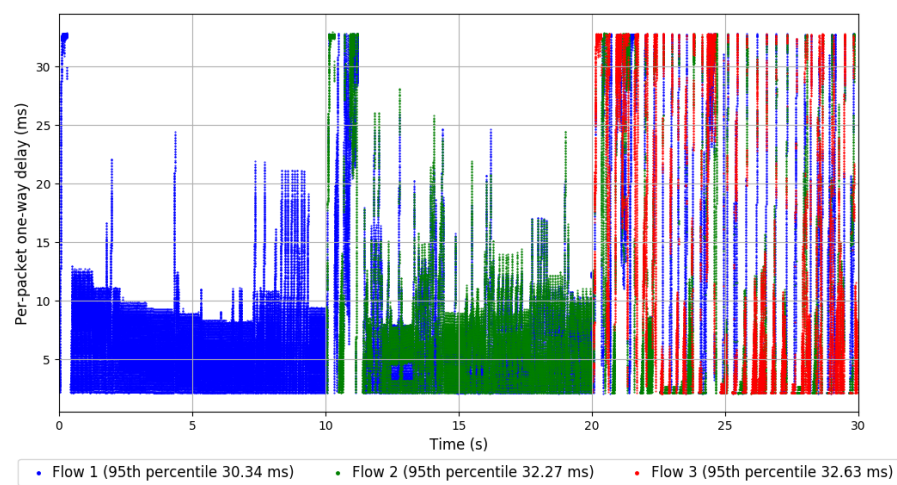
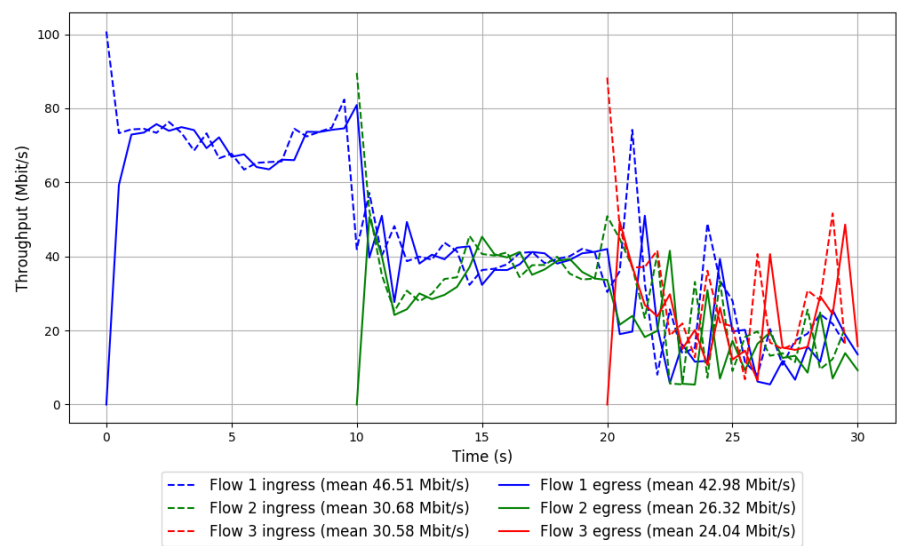


Run 5: Statistics of Verus

Start at: 2018-08-01 09:08:06
End at: 2018-08-01 09:08:36
Local clock offset: 9.308 ms
Remote clock offset: -2.078 ms

Below is generated by plot.py at 2018-08-01 11:20:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.18 Mbit/s
95th percentile per-packet one-way delay: 31.994 ms
Loss rate: 11.09%
-- Flow 1:
Average throughput: 42.98 Mbit/s
95th percentile per-packet one-way delay: 30.338 ms
Loss rate: 7.50%
-- Flow 2:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 32.266 ms
Loss rate: 14.10%
-- Flow 3:
Average throughput: 24.04 Mbit/s
95th percentile per-packet one-way delay: 32.635 ms
Loss rate: 21.43%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-08-01 09:27:17

End at: 2018-08-01 09:27:47

Local clock offset: 1.91 ms

Remote clock offset: 0.062 ms

Below is generated by plot.py at 2018-08-01 11:21:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.45 Mbit/s

95th percentile per-packet one-way delay: 31.628 ms

Loss rate: 16.59%

-- Flow 1:

Average throughput: 45.61 Mbit/s

95th percentile per-packet one-way delay: 31.328 ms

Loss rate: 14.19%

-- Flow 2:

Average throughput: 34.87 Mbit/s

95th percentile per-packet one-way delay: 31.569 ms

Loss rate: 15.68%

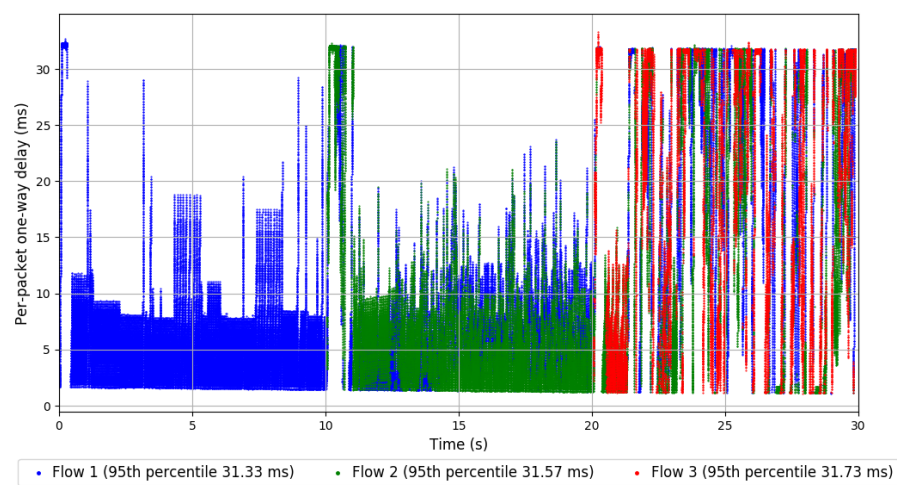
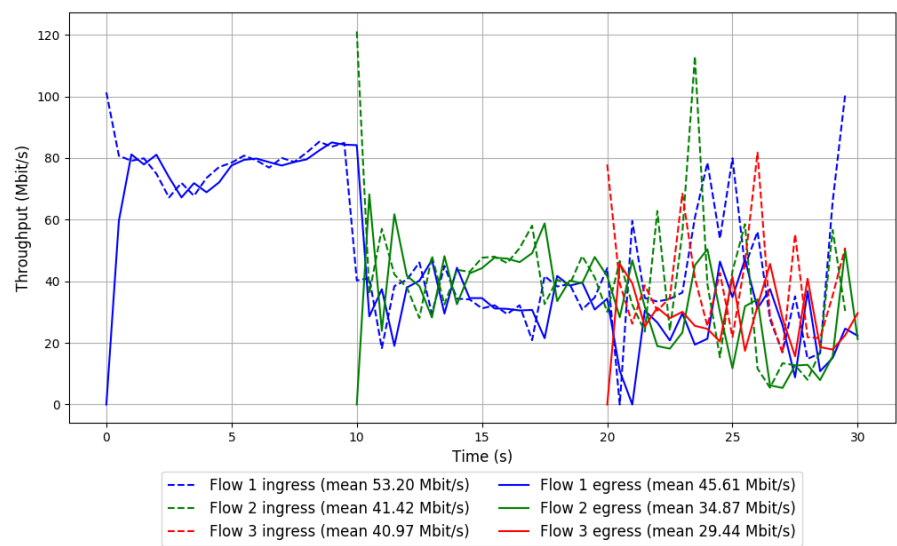
-- Flow 3:

Average throughput: 29.44 Mbit/s

95th percentile per-packet one-way delay: 31.732 ms

Loss rate: 27.94%

Run 6: Report of Verus — Data Link

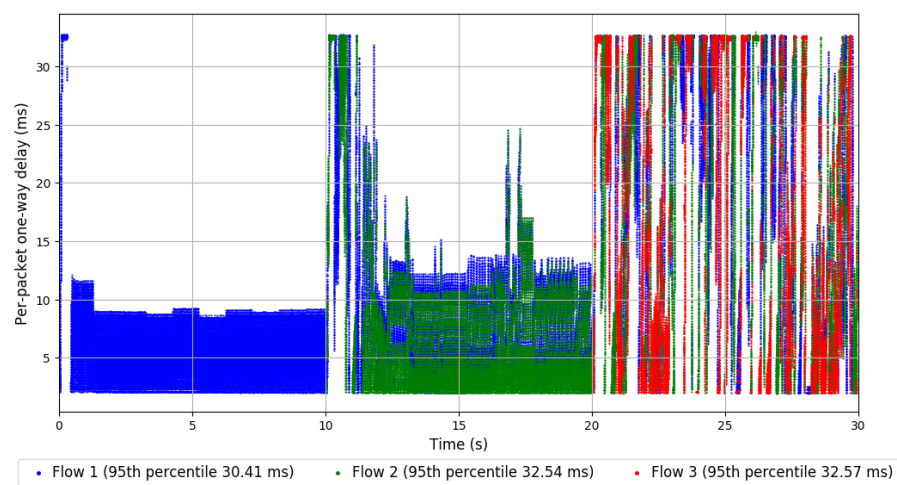
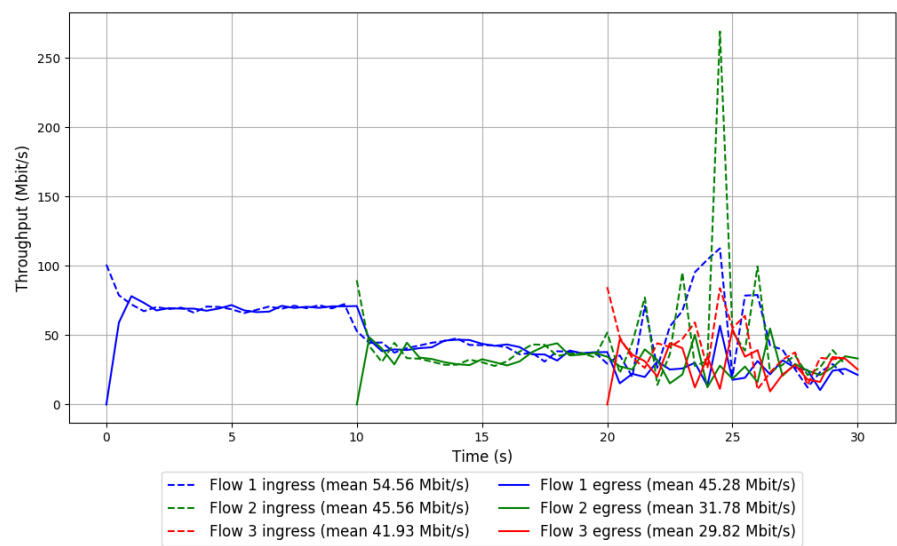


Run 7: Statistics of Verus

Start at: 2018-08-01 09:46:30
End at: 2018-08-01 09:47:00
Local clock offset: -10.788 ms
Remote clock offset: -6.775 ms

Below is generated by plot.py at 2018-08-01 11:21:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.06 Mbit/s
95th percentile per-packet one-way delay: 32.466 ms
Loss rate: 22.72%
-- Flow 1:
Average throughput: 45.28 Mbit/s
95th percentile per-packet one-way delay: 30.415 ms
Loss rate: 16.94%
-- Flow 2:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 32.537 ms
Loss rate: 30.24%
-- Flow 3:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 32.570 ms
Loss rate: 28.91%

Run 7: Report of Verus — Data Link

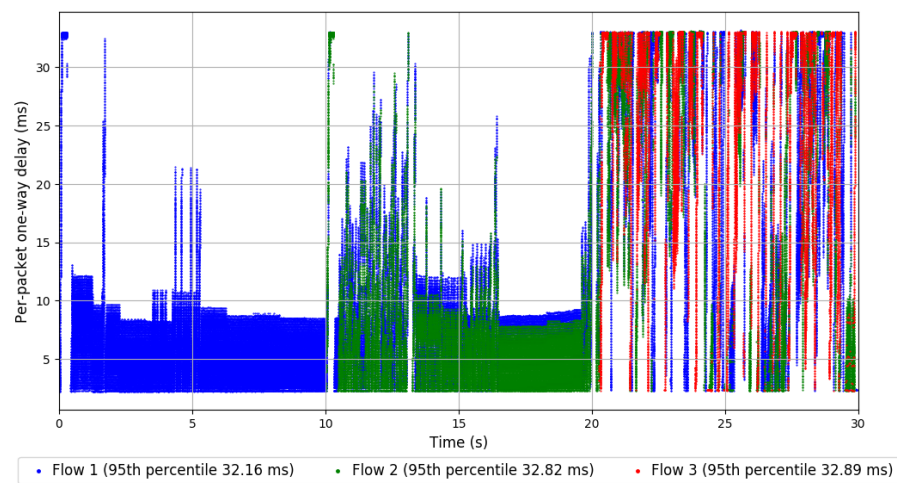
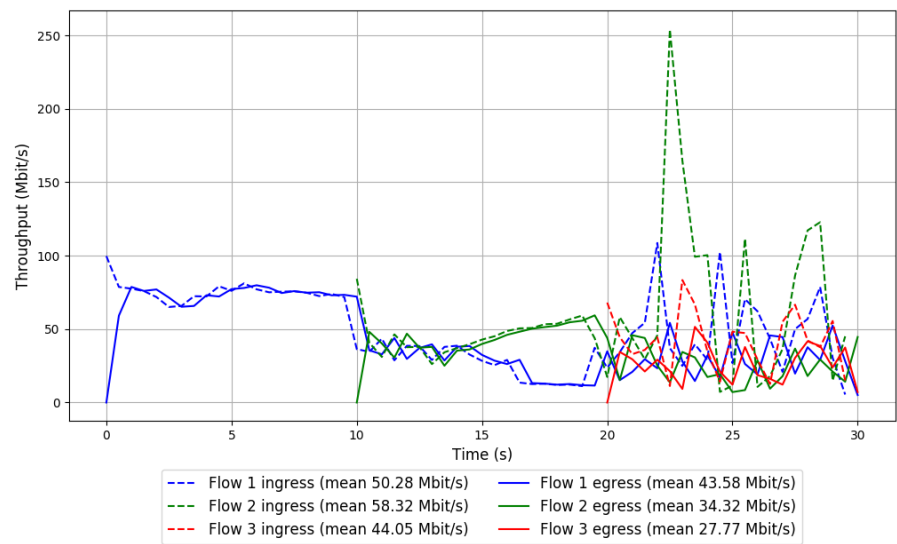


Run 8: Statistics of Verus

Start at: 2018-08-01 10:05:42
End at: 2018-08-01 10:06:12
Local clock offset: -6.424 ms
Remote clock offset: -7.731 ms

Below is generated by plot.py at 2018-08-01 11:21:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 32.770 ms
Loss rate: 26.95%
-- Flow 1:
Average throughput: 43.58 Mbit/s
95th percentile per-packet one-way delay: 32.165 ms
Loss rate: 13.31%
-- Flow 2:
Average throughput: 34.32 Mbit/s
95th percentile per-packet one-way delay: 32.819 ms
Loss rate: 41.08%
-- Flow 3:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 32.894 ms
Loss rate: 36.81%

Run 8: Report of Verus — Data Link

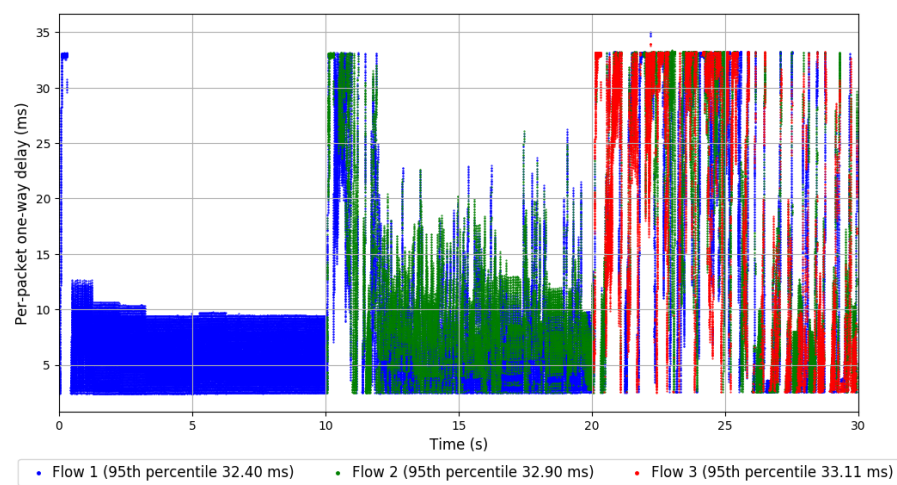
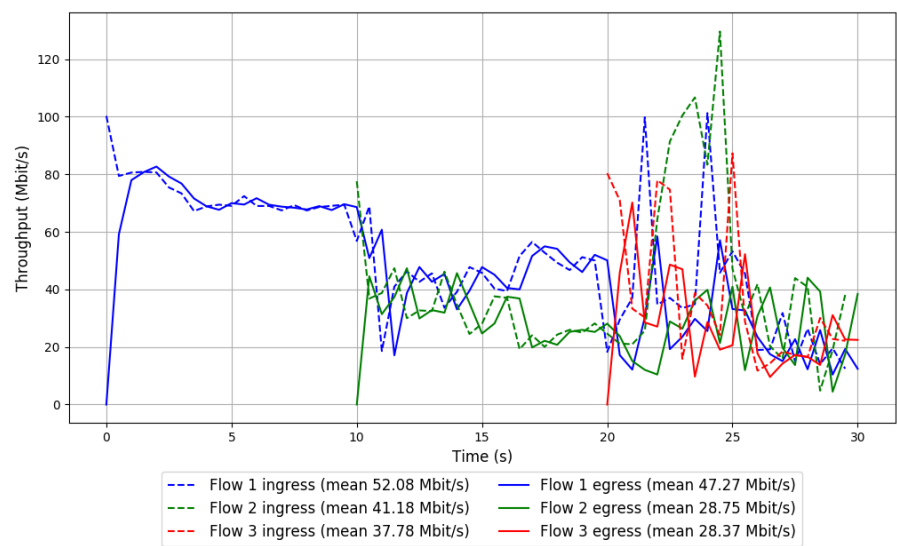


Run 9: Statistics of Verus

Start at: 2018-08-01 10:24:54
End at: 2018-08-01 10:25:24
Local clock offset: -5.179 ms
Remote clock offset: -7.551 ms

Below is generated by plot.py at 2018-08-01 11:21:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.80 Mbit/s
95th percentile per-packet one-way delay: 32.915 ms
Loss rate: 17.62%
-- Flow 1:
Average throughput: 47.27 Mbit/s
95th percentile per-packet one-way delay: 32.398 ms
Loss rate: 9.24%
-- Flow 2:
Average throughput: 28.75 Mbit/s
95th percentile per-packet one-way delay: 32.901 ms
Loss rate: 30.19%
-- Flow 3:
Average throughput: 28.37 Mbit/s
95th percentile per-packet one-way delay: 33.111 ms
Loss rate: 24.96%

Run 9: Report of Verus — Data Link

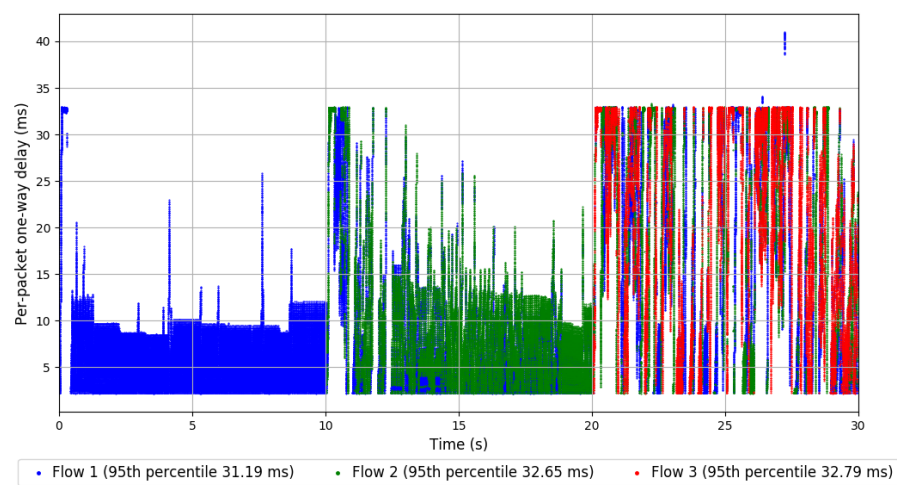
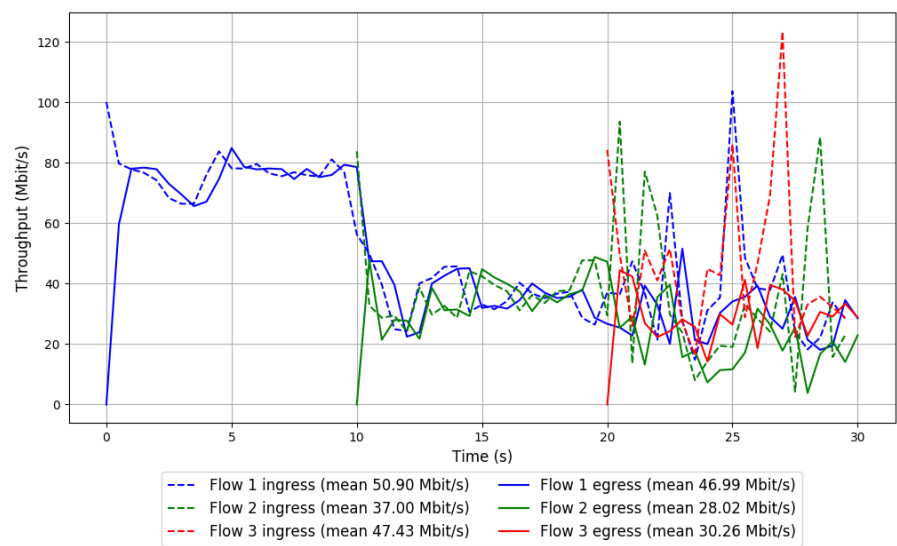


Run 10: Statistics of Verus

Start at: 2018-08-01 10:44:05
End at: 2018-08-01 10:44:35
Local clock offset: -2.885 ms
Remote clock offset: -6.993 ms

Below is generated by plot.py at 2018-08-01 11:21:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.67 Mbit/s
95th percentile per-packet one-way delay: 32.583 ms
Loss rate: 17.01%
-- Flow 1:
Average throughput: 46.99 Mbit/s
95th percentile per-packet one-way delay: 31.187 ms
Loss rate: 7.63%
-- Flow 2:
Average throughput: 28.02 Mbit/s
95th percentile per-packet one-way delay: 32.654 ms
Loss rate: 24.21%
-- Flow 3:
Average throughput: 30.26 Mbit/s
95th percentile per-packet one-way delay: 32.790 ms
Loss rate: 36.06%

Run 10: Report of Verus — Data Link

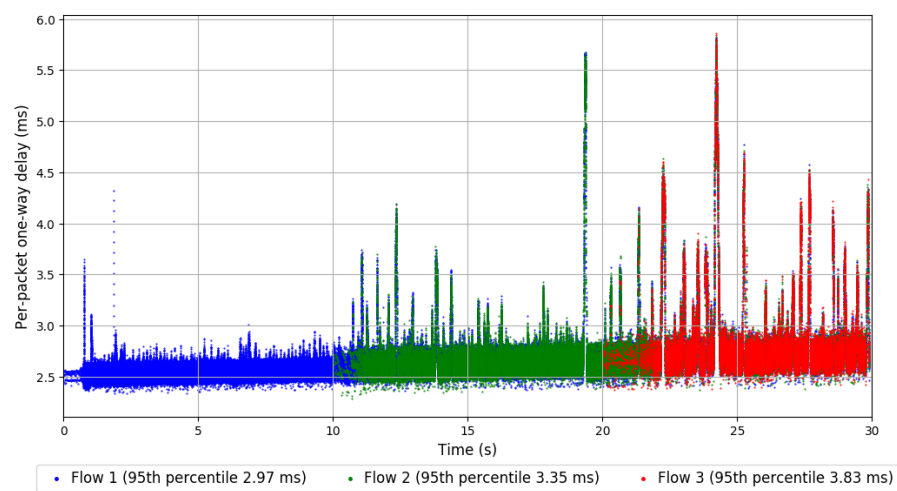
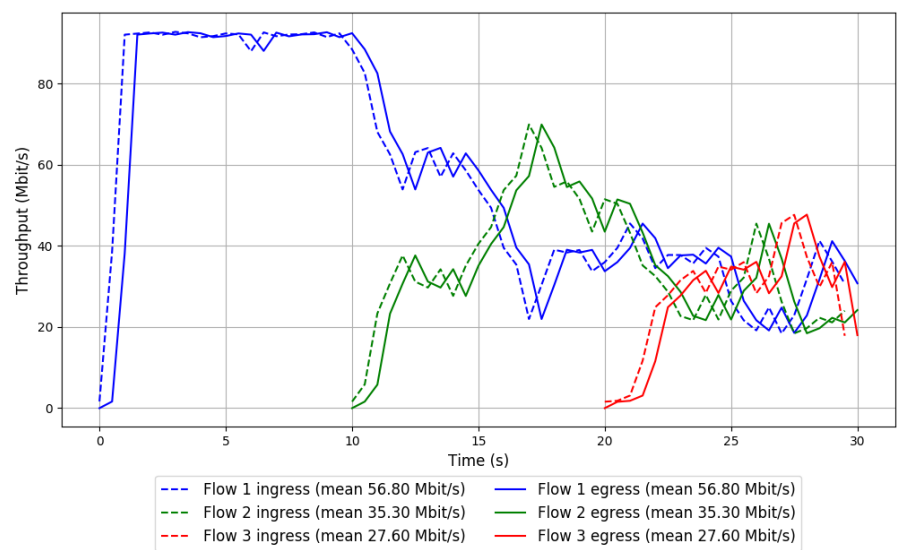


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-01 08:00:20
End at: 2018-08-01 08:00:50
Local clock offset: 7.853 ms
Remote clock offset: -6.371 ms

Below is generated by plot.py at 2018-08-01 11:21:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.39 Mbit/s
95th percentile per-packet one-way delay: 3.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.80 Mbit/s
95th percentile per-packet one-way delay: 2.970 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.30 Mbit/s
95th percentile per-packet one-way delay: 3.351 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.60 Mbit/s
95th percentile per-packet one-way delay: 3.833 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

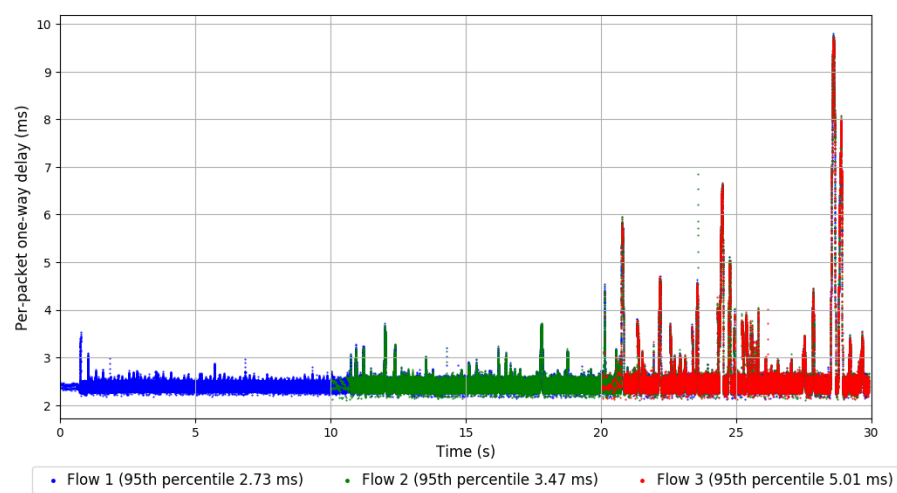
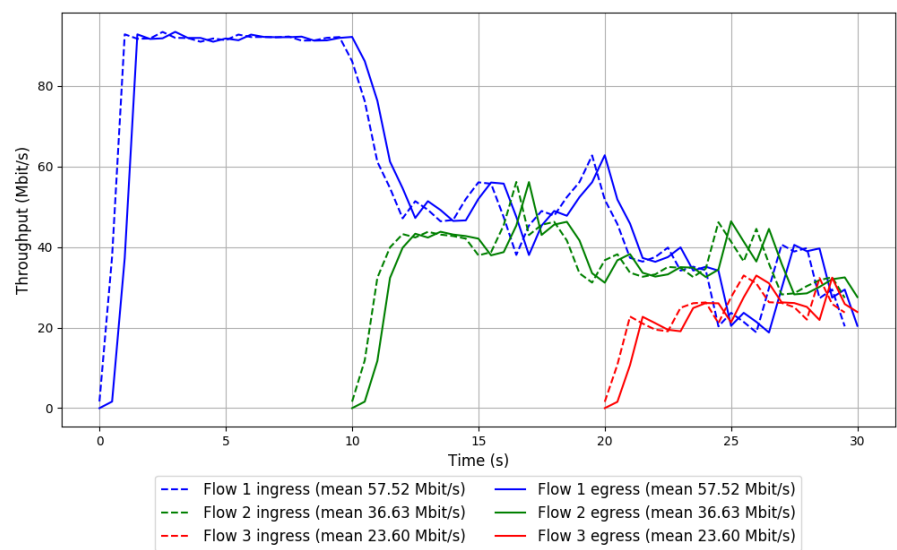


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-01 08:19:32
End at: 2018-08-01 08:20:02
Local clock offset: 10.35 ms
Remote clock offset: -7.682 ms

Below is generated by plot.py at 2018-08-01 11:21:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 3.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.52 Mbit/s
95th percentile per-packet one-way delay: 2.728 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 3.472 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.60 Mbit/s
95th percentile per-packet one-way delay: 5.009 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

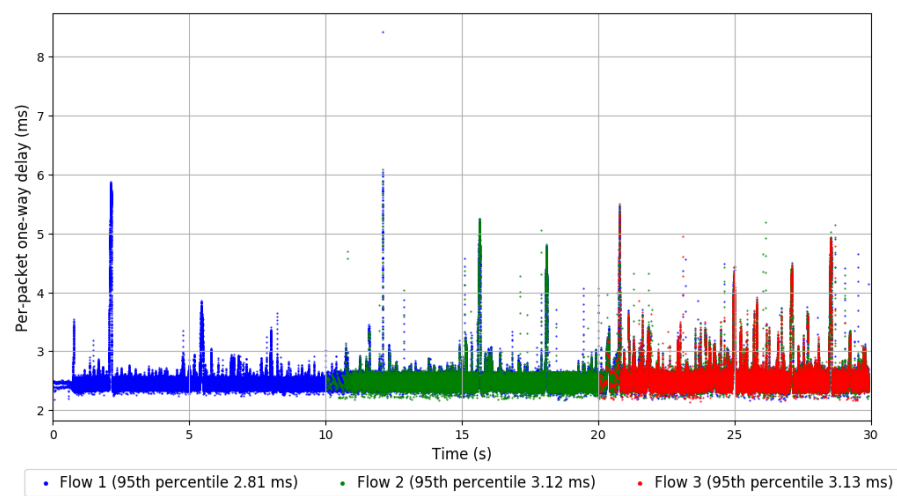
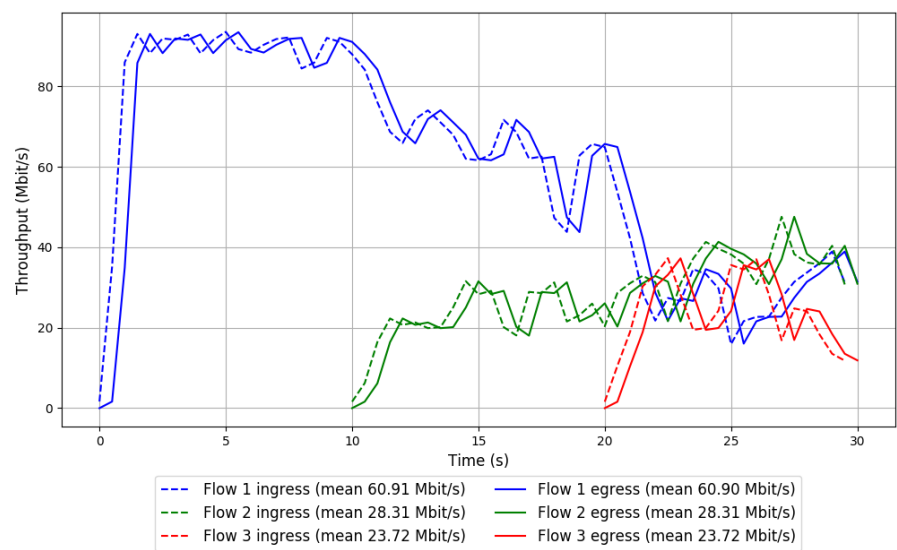


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-01 08:38:45
End at: 2018-08-01 08:39:15
Local clock offset: 8.237 ms
Remote clock offset: -6.784 ms

Below is generated by plot.py at 2018-08-01 11:21:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 2.915 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.90 Mbit/s
95th percentile per-packet one-way delay: 2.808 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.31 Mbit/s
95th percentile per-packet one-way delay: 3.115 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 3.130 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

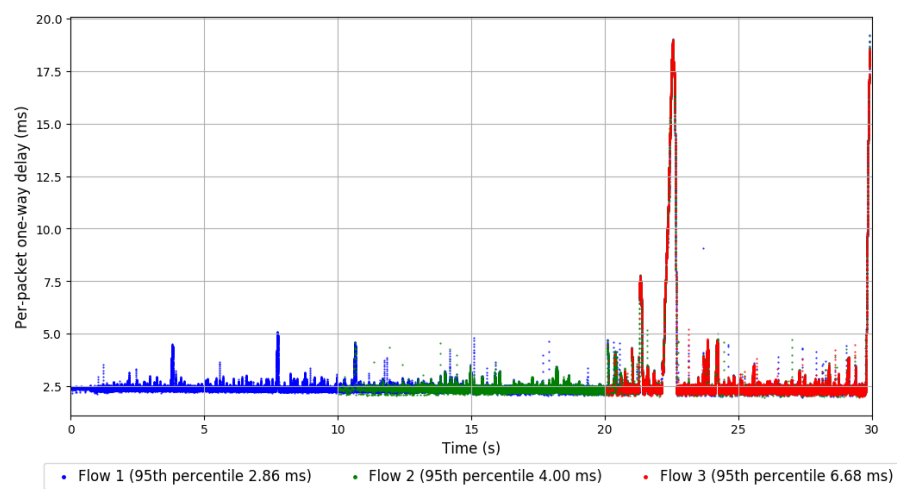
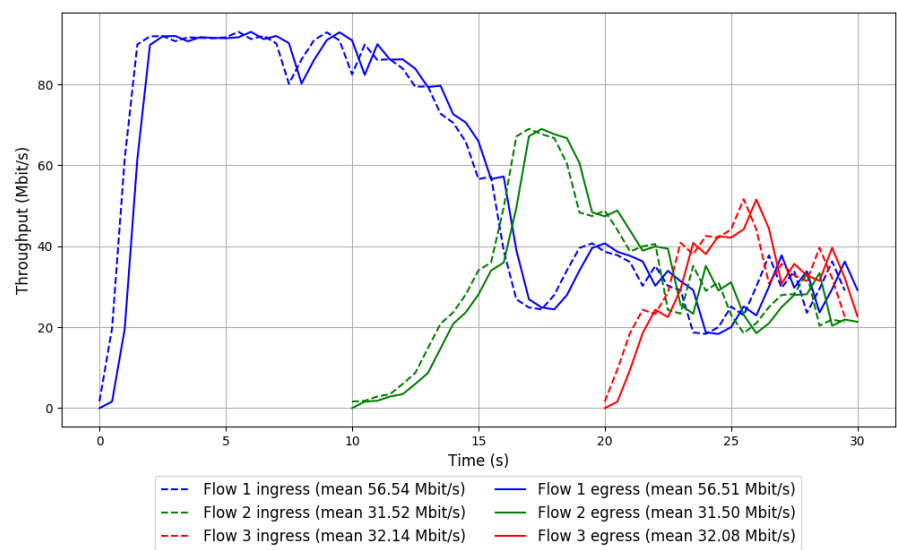


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-01 08:57:58
End at: 2018-08-01 08:58:28
Local clock offset: 8.754 ms
Remote clock offset: -4.599 ms

Below is generated by plot.py at 2018-08-01 11:22:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.07 Mbit/s
95th percentile per-packet one-way delay: 3.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.51 Mbit/s
95th percentile per-packet one-way delay: 2.862 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 3.998 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.08 Mbit/s
95th percentile per-packet one-way delay: 6.676 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

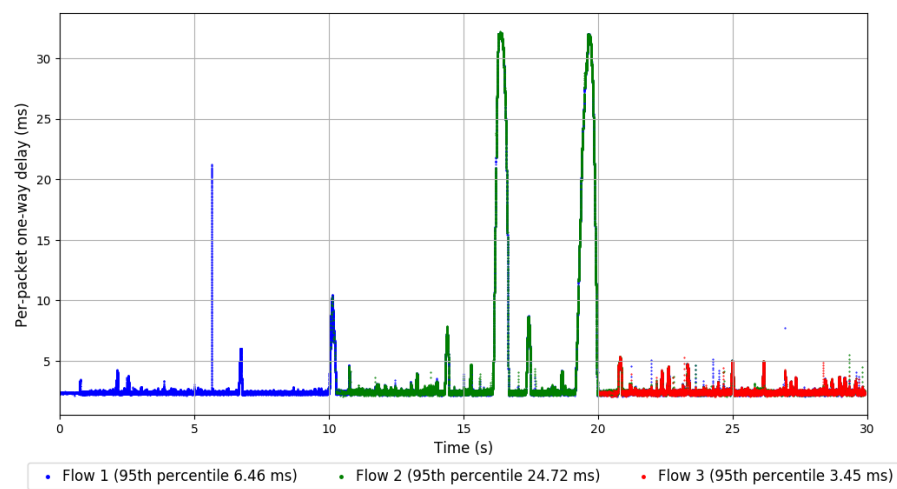
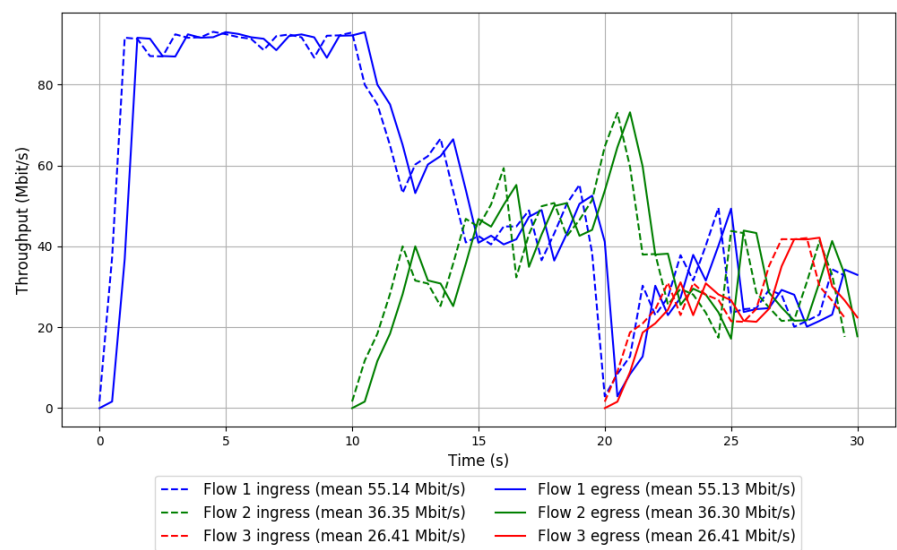


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-01 09:17:09
End at: 2018-08-01 09:17:39
Local clock offset: 9.679 ms
Remote clock offset: -0.871 ms

Below is generated by plot.py at 2018-08-01 11:22:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.00 Mbit/s
95th percentile per-packet one-way delay: 8.036 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 6.459 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 24.723 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 26.41 Mbit/s
95th percentile per-packet one-way delay: 3.452 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

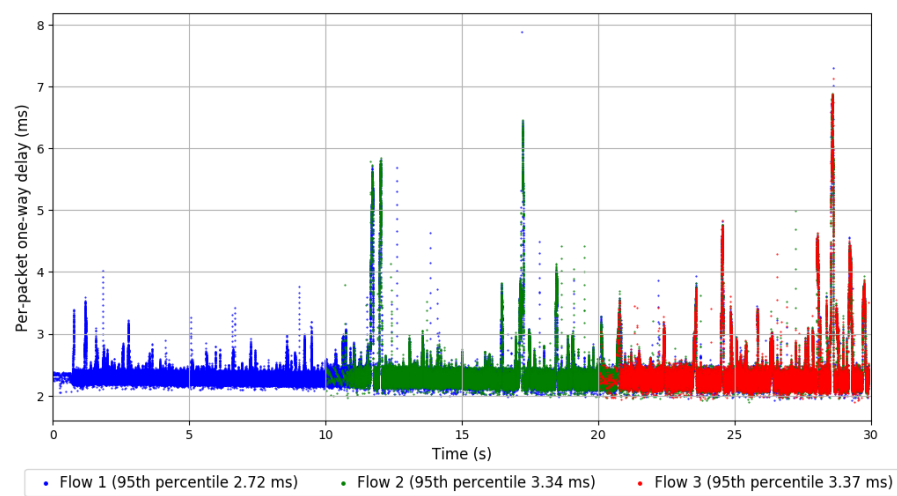
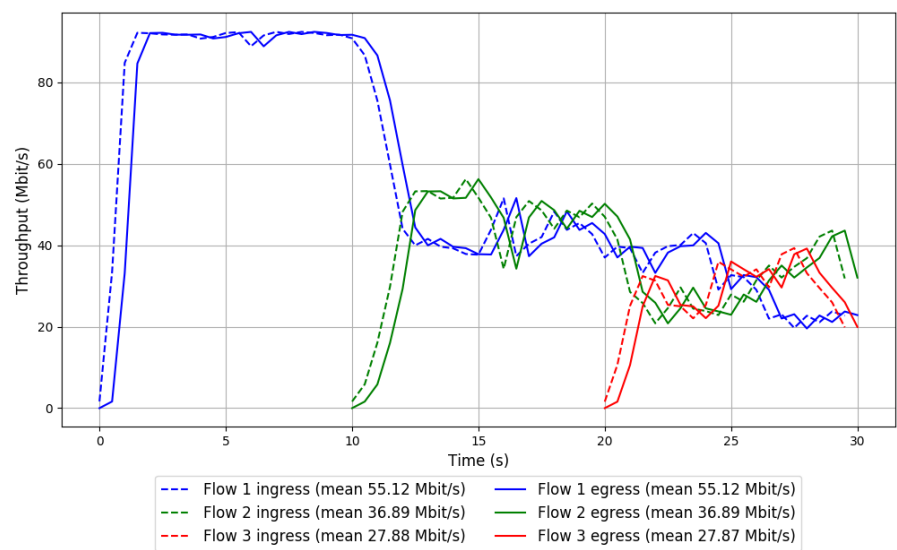


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-01 09:36:21
End at: 2018-08-01 09:36:51
Local clock offset: -6.455 ms
Remote clock offset: -4.525 ms

Below is generated by plot.py at 2018-08-01 11:22:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.86 Mbit/s
95th percentile per-packet one-way delay: 2.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 2.723 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.89 Mbit/s
95th percentile per-packet one-way delay: 3.337 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.87 Mbit/s
95th percentile per-packet one-way delay: 3.369 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

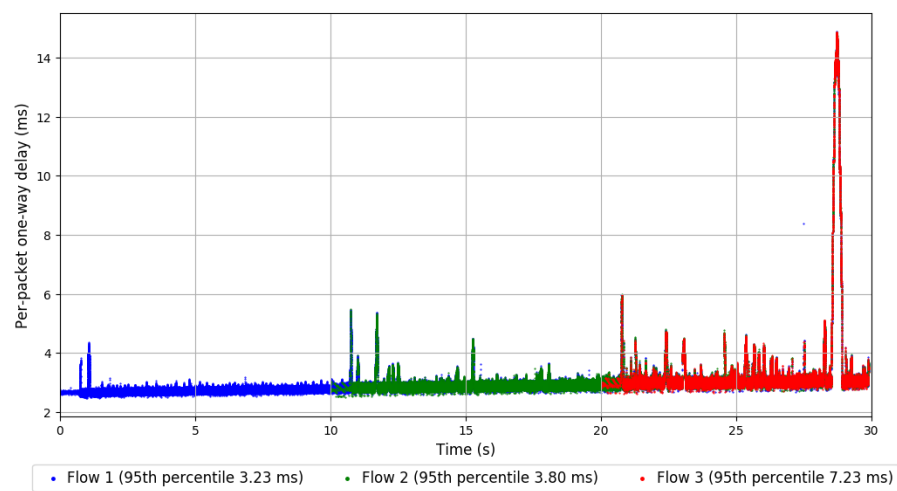
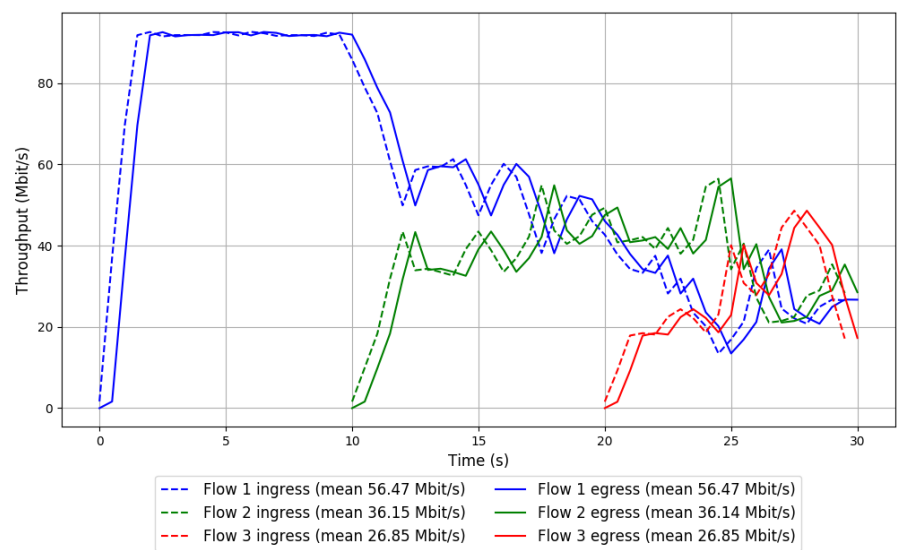


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-01 09:55:33
End at: 2018-08-01 09:56:03
Local clock offset: -10.185 ms
Remote clock offset: -7.583 ms

Below is generated by plot.py at 2018-08-01 11:22:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.37 Mbit/s
95th percentile per-packet one-way delay: 3.543 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.47 Mbit/s
95th percentile per-packet one-way delay: 3.232 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.14 Mbit/s
95th percentile per-packet one-way delay: 3.798 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.85 Mbit/s
95th percentile per-packet one-way delay: 7.226 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

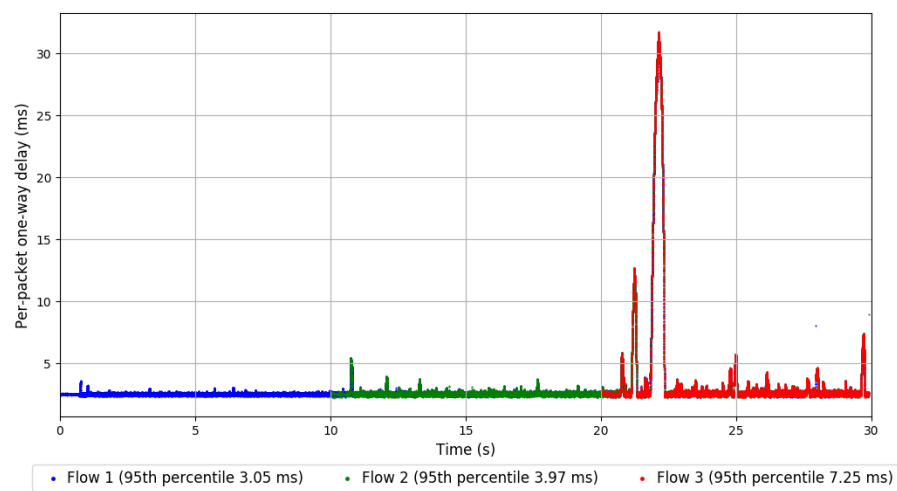
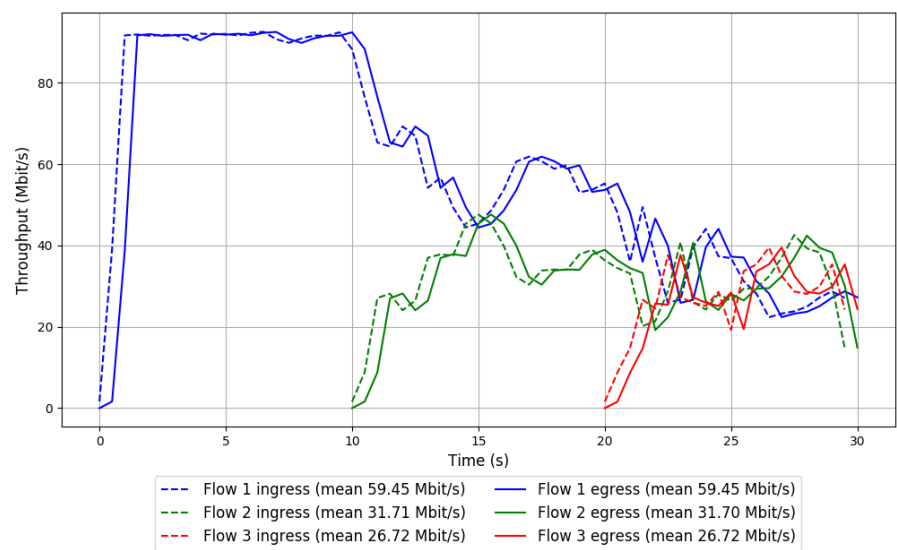


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-01 10:14:45
End at: 2018-08-01 10:15:15
Local clock offset: -5.851 ms
Remote clock offset: -7.409 ms

Below is generated by plot.py at 2018-08-01 11:22:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 3.530 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 3.052 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 3.967 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.72 Mbit/s
95th percentile per-packet one-way delay: 7.255 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

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

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

Local clock offset: -3.388 ms

Remote clock offset: -7.56 ms

Below is generated by plot.py at 2018-08-01 11:22:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.16 Mbit/s

95th percentile per-packet one-way delay: 3.743 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.50 Mbit/s

95th percentile per-packet one-way delay: 3.374 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 32.19 Mbit/s

95th percentile per-packet one-way delay: 4.324 ms

Loss rate: 0.00%

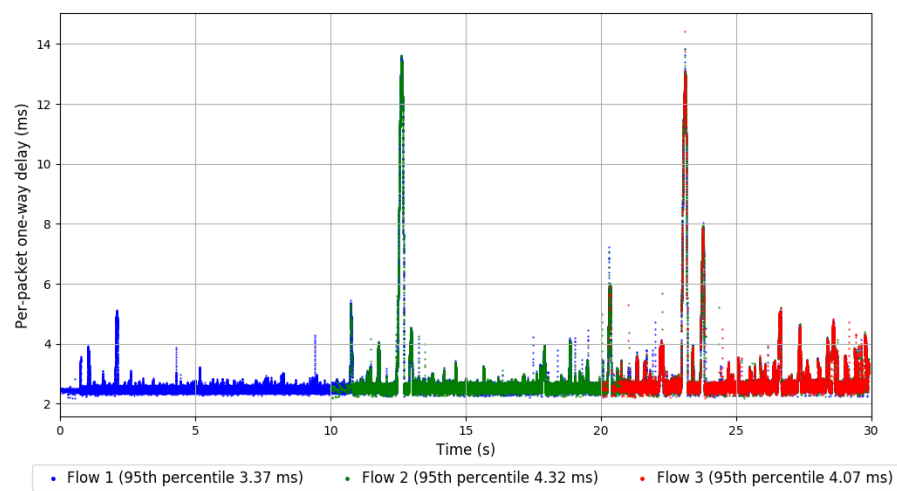
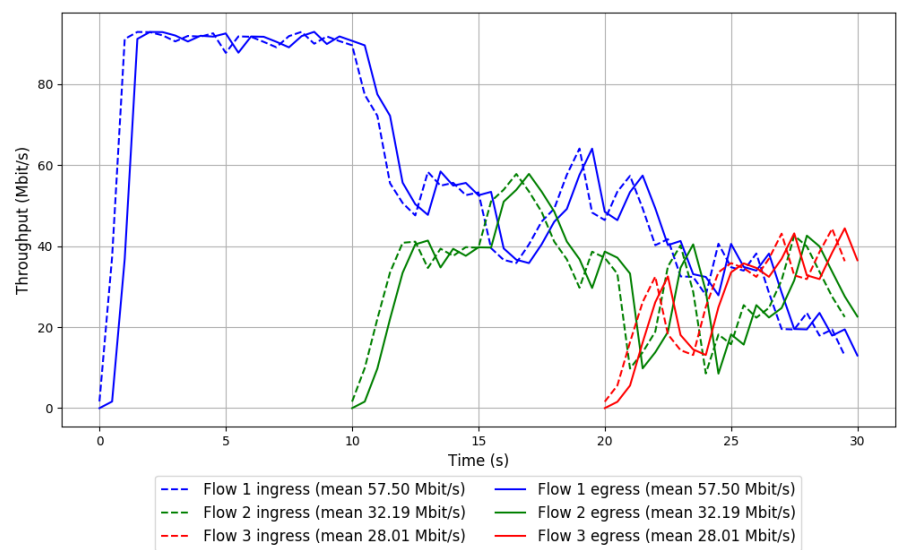
-- Flow 3:

Average throughput: 28.01 Mbit/s

95th percentile per-packet one-way delay: 4.070 ms

Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

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

End at: 2018-08-01 10:53:38

Local clock offset: -2.882 ms

Remote clock offset: -6.58 ms

Below is generated by plot.py at 2018-08-01 11:22:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.23 Mbit/s

95th percentile per-packet one-way delay: 4.304 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.31 Mbit/s

95th percentile per-packet one-way delay: 3.404 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.07 Mbit/s

95th percentile per-packet one-way delay: 6.055 ms

Loss rate: 0.00%

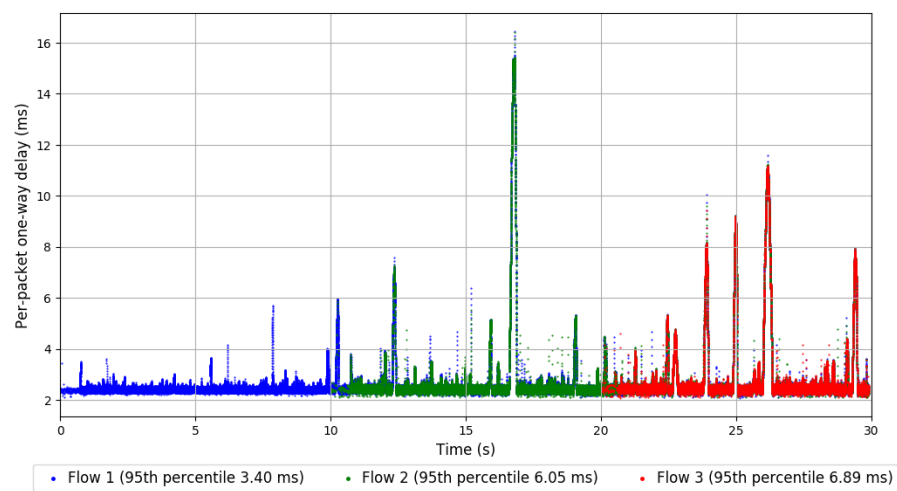
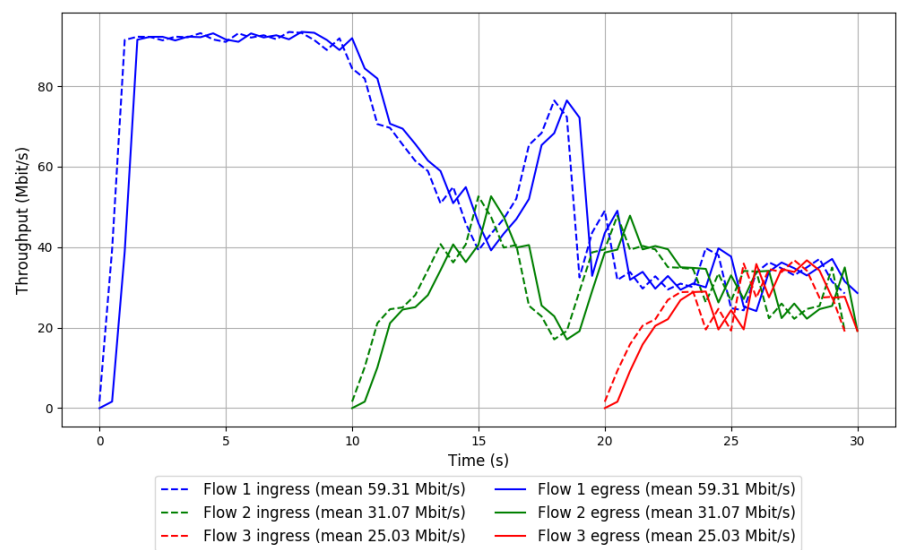
-- Flow 3:

Average throughput: 25.03 Mbit/s

95th percentile per-packet one-way delay: 6.887 ms

Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

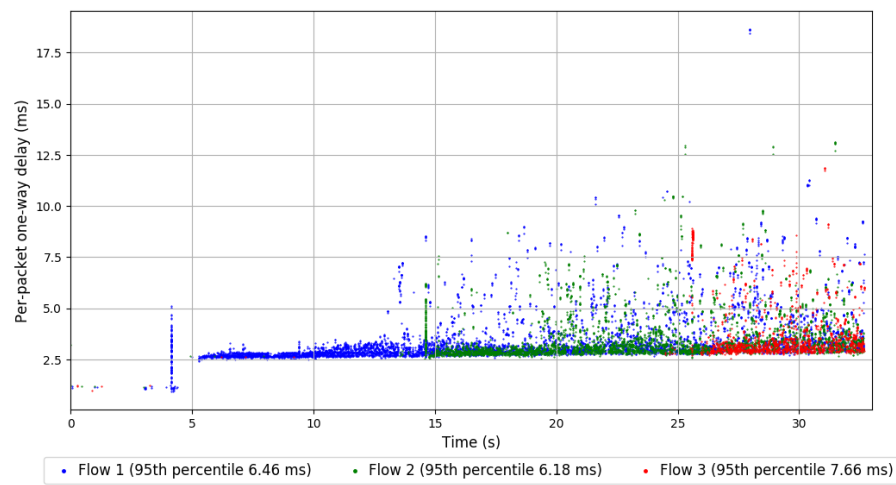
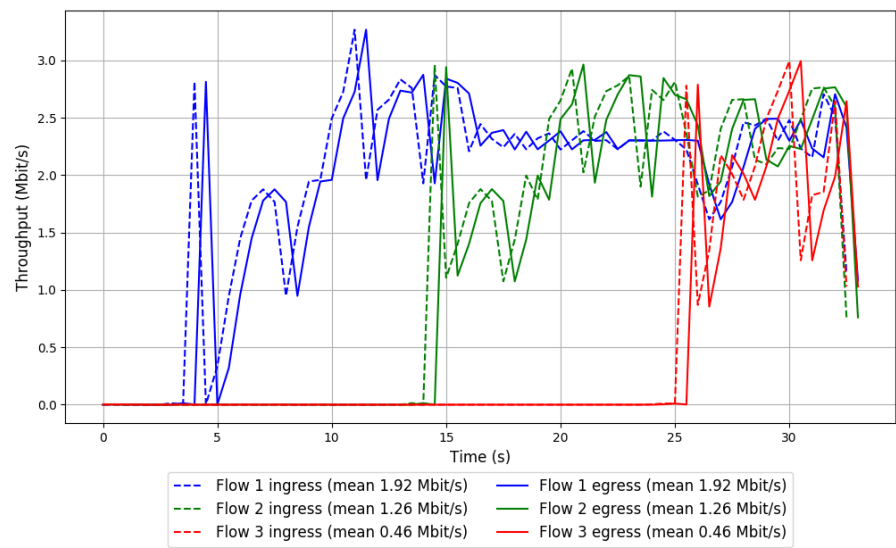


Run 1: Statistics of WebRTC media

Start at: 2018-08-01 07:53:33
End at: 2018-08-01 07:54:03
Local clock offset: 6.278 ms
Remote clock offset: -5.068 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 6.619 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 6.463 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 6.176 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 7.656 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

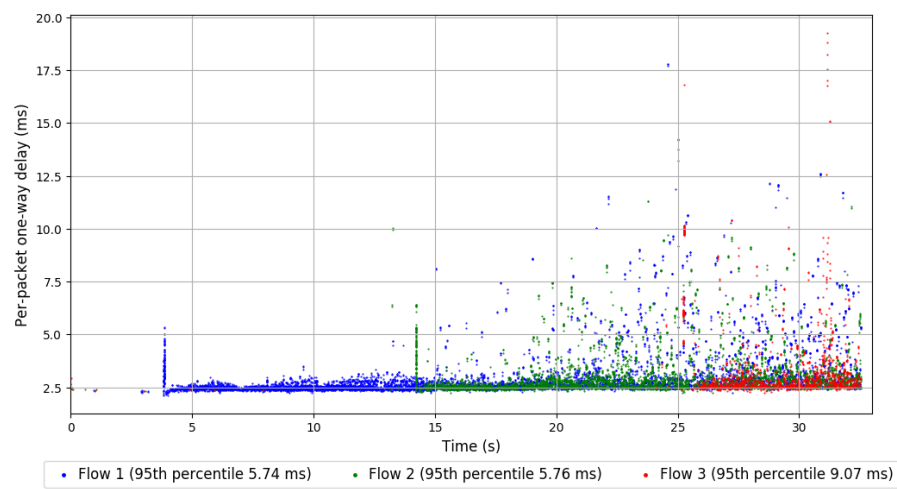
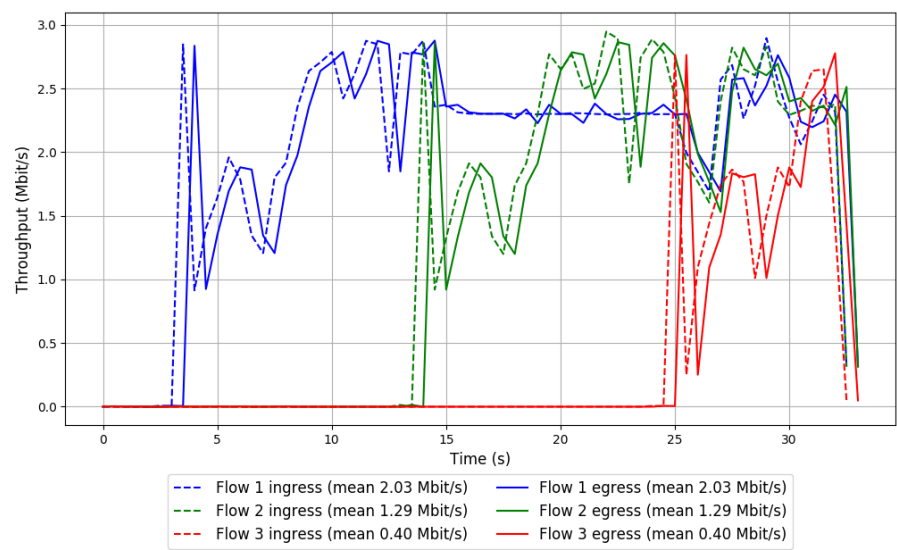


Run 2: Statistics of WebRTC media

Start at: 2018-08-01 08:12:44
End at: 2018-08-01 08:13:14
Local clock offset: 9.643 ms
Remote clock offset: -7.451 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 5.996 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 5.737 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 5.761 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 9.074 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

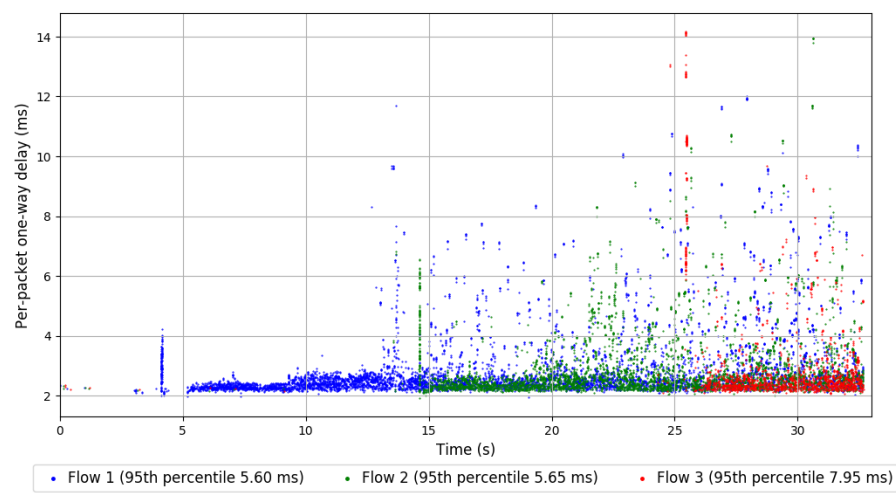
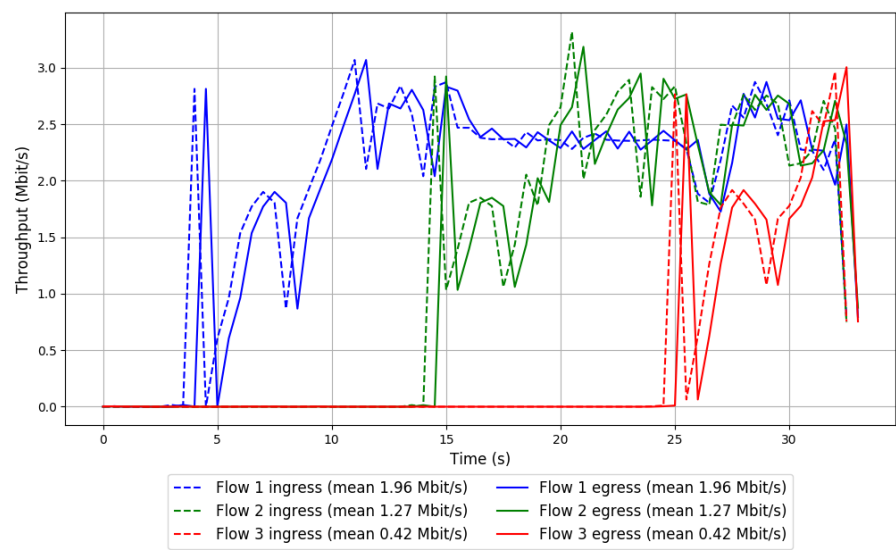


Run 3: Statistics of WebRTC media

Start at: 2018-08-01 08:31:57
End at: 2018-08-01 08:32:27
Local clock offset: 8.683 ms
Remote clock offset: -7.045 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.65 Mbit/s
95th percentile per-packet one-way delay: 5.860 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 5.599 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 5.651 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 7.953 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

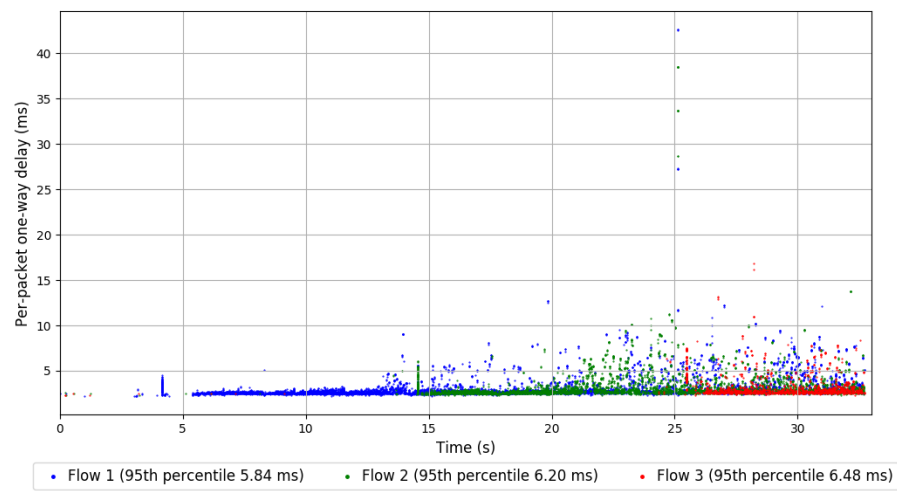
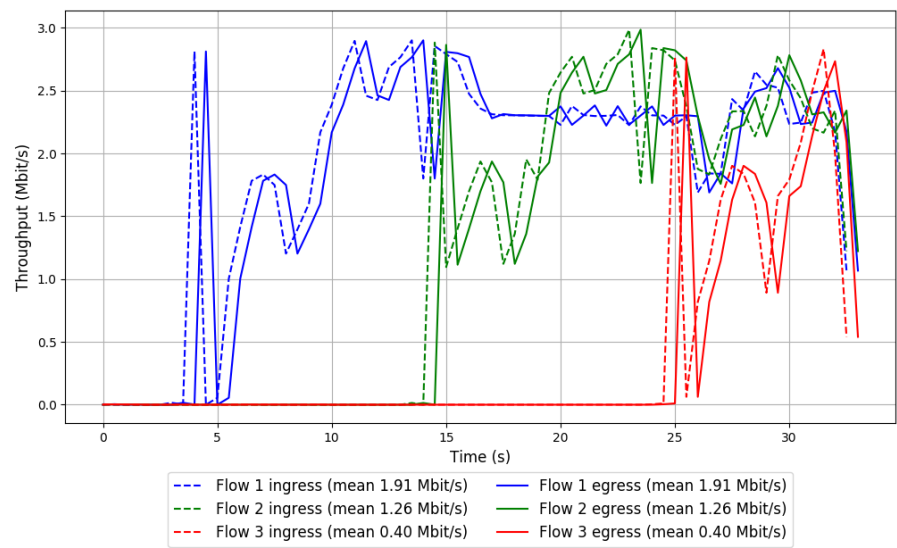


Run 4: Statistics of WebRTC media

Start at: 2018-08-01 08:51:09
End at: 2018-08-01 08:51:39
Local clock offset: 8.355 ms
Remote clock offset: -6.765 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.56 Mbit/s
95th percentile per-packet one-way delay: 6.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 5.839 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 6.198 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 6.483 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

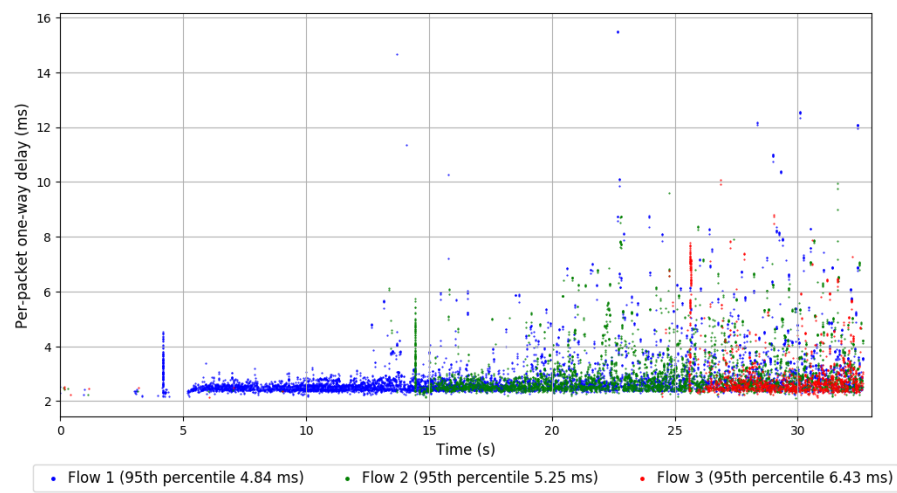
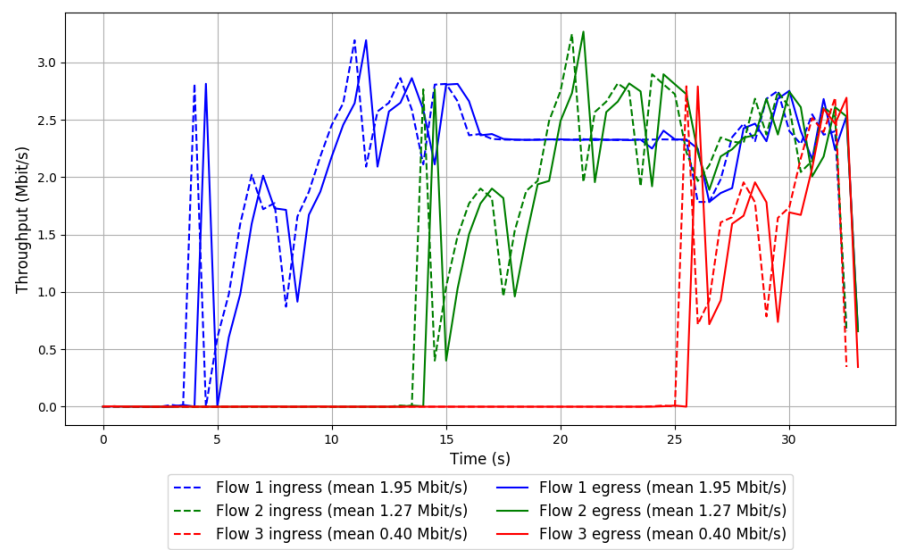


Run 5: Statistics of WebRTC media

Start at: 2018-08-01 09:10:21
End at: 2018-08-01 09:10:51
Local clock offset: 9.388 ms
Remote clock offset: -1.651 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 5.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 4.842 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 5.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 6.430 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

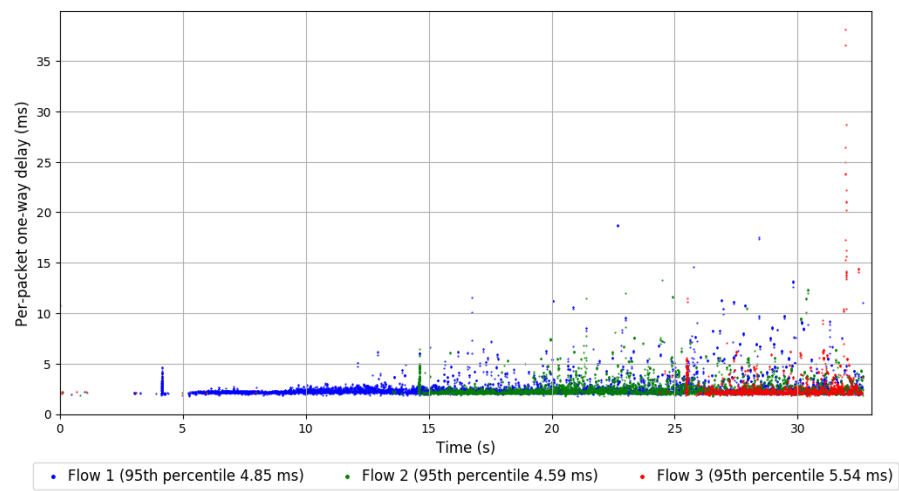
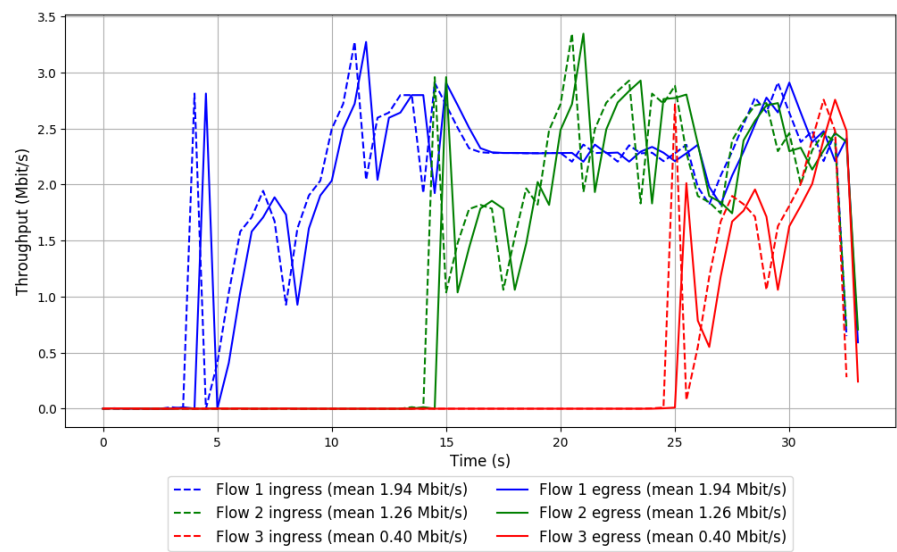


Run 6: Statistics of WebRTC media

Start at: 2018-08-01 09:29:33
End at: 2018-08-01 09:30:03
Local clock offset: -0.989 ms
Remote clock offset: -1.271 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 4.839 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 4.848 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 4.591 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 5.542 ms
Loss rate: 0.15%

Run 6: Report of WebRTC media — Data Link

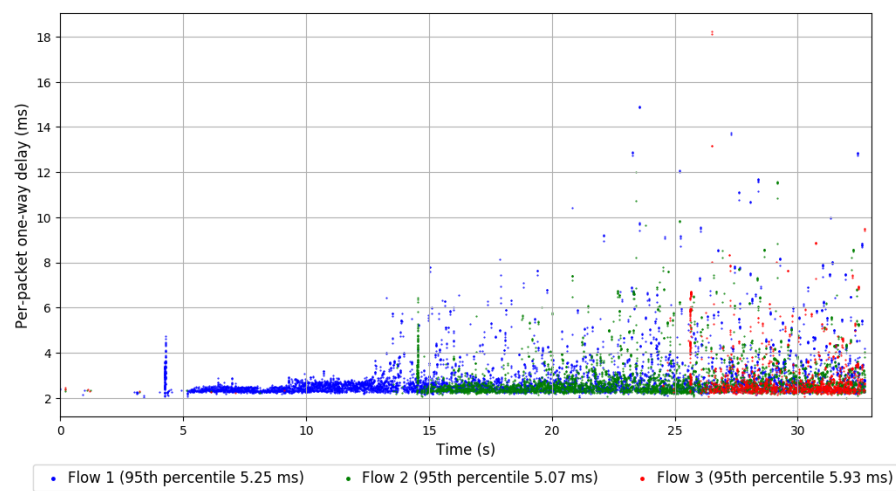
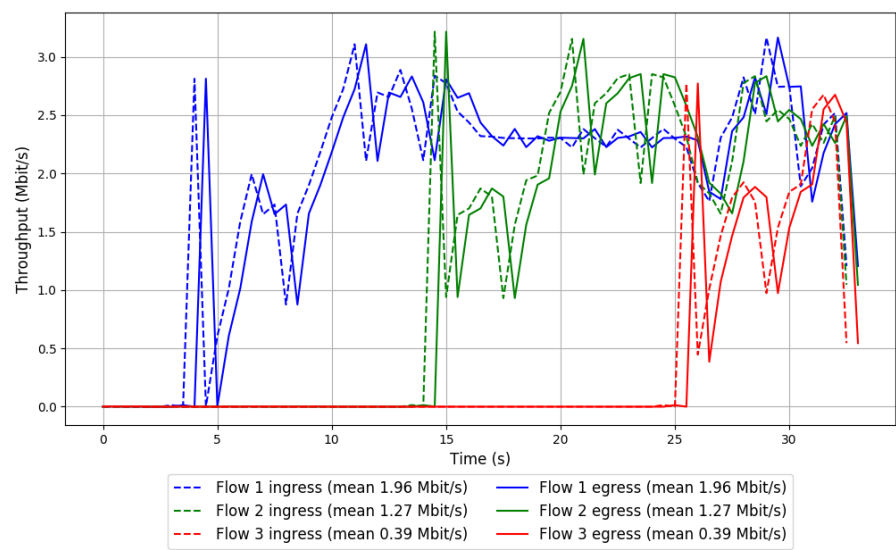


Run 7: Statistics of WebRTC media

Start at: 2018-08-01 09:48:45
End at: 2018-08-01 09:49:15
Local clock offset: -11.569 ms
Remote clock offset: -7.014 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 5.302 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 5.247 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 5.065 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 5.931 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

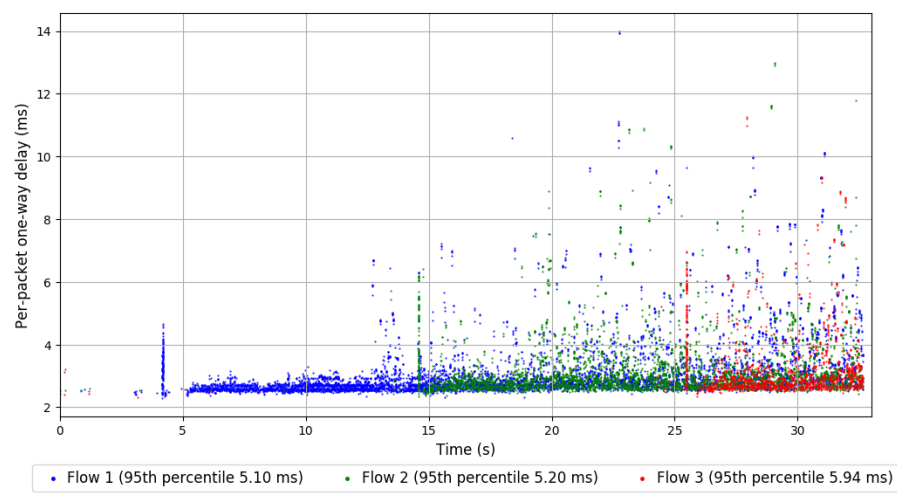
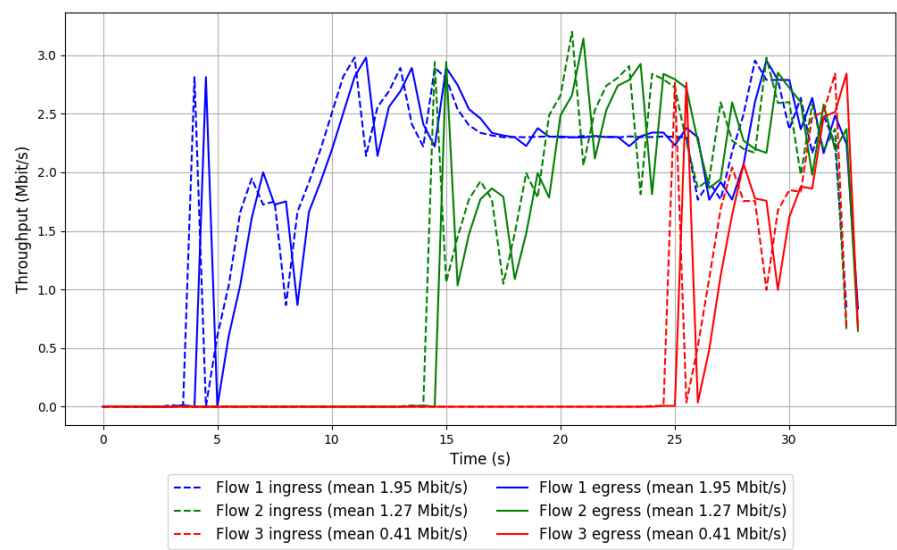


Run 8: Statistics of WebRTC media

Start at: 2018-08-01 10:07:57
End at: 2018-08-01 10:08:27
Local clock offset: -6.182 ms
Remote clock offset: -7.539 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 5.255 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 5.100 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 5.203 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 5.937 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

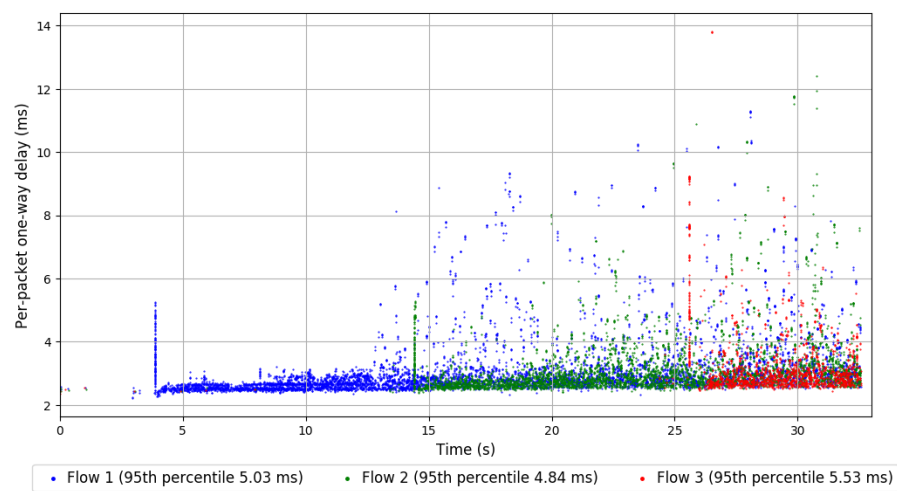
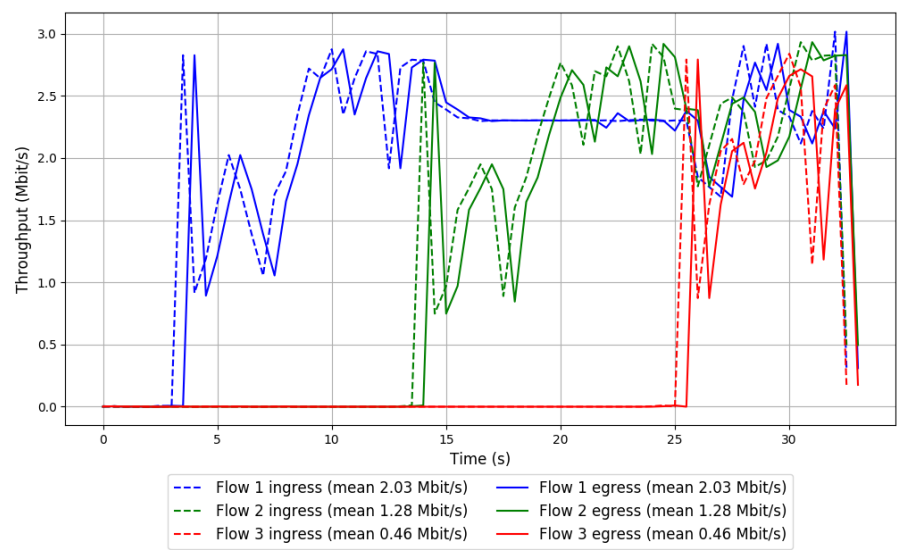


Run 9: Statistics of WebRTC media

Start at: 2018-08-01 10:27:10
End at: 2018-08-01 10:27:40
Local clock offset: -4.528 ms
Remote clock offset: -7.598 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 5.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 5.034 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 4.843 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 5.526 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-01 10:46:20
End at: 2018-08-01 10:46:50
Local clock offset: -2.868 ms
Remote clock offset: -6.822 ms

Below is generated by plot.py at 2018-08-01 11:22:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 5.463 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 5.537 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 5.362 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 5.620 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

