

Pantheon Report

Generated at 2018-08-10 05:09:34 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

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

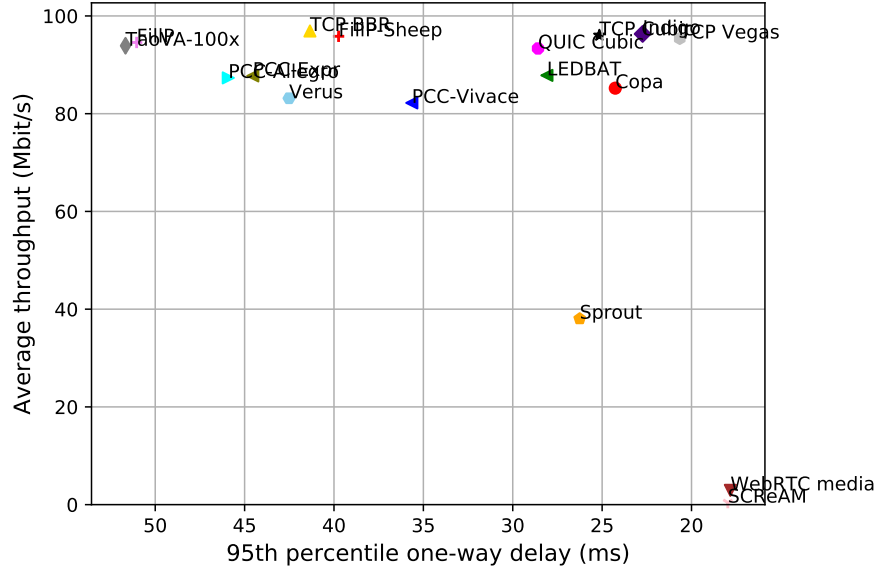
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

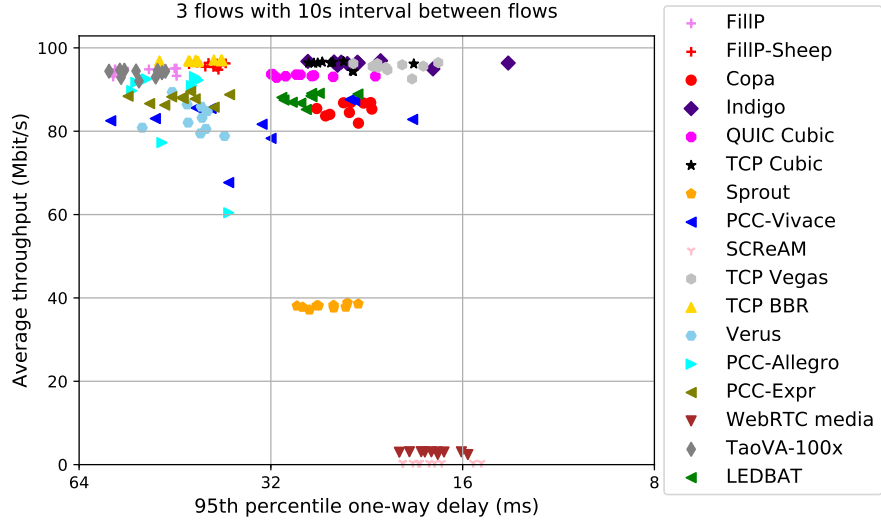
Git summary:

```
branch: master @ 7772df3413f4b07ba0096dfdd8e9d4c6dca623e3
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf90c077e64d
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



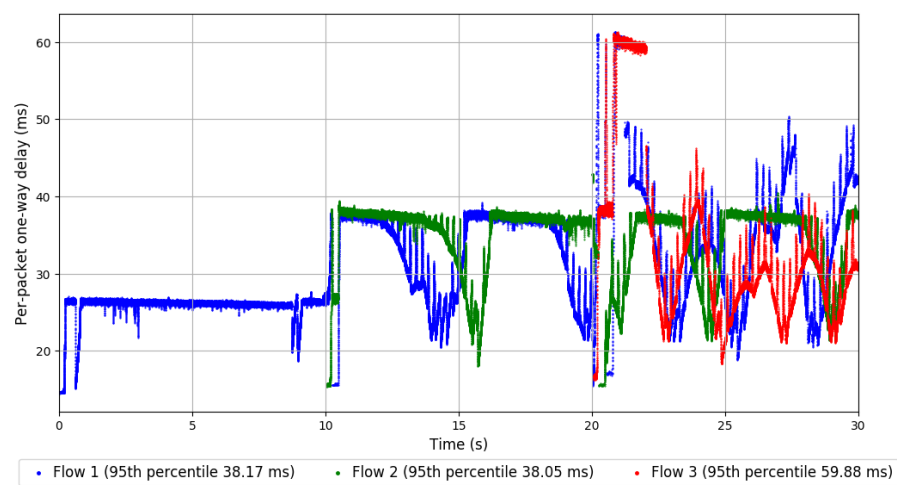
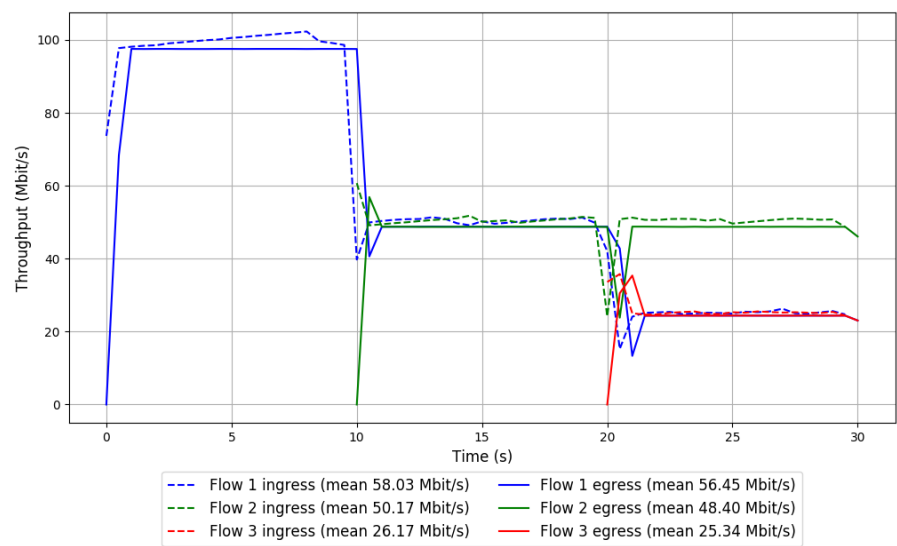
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	57.58	41.20	35.94	40.65	45.06	51.74	2.88	3.20	3.24
Copa	10	51.03	36.83	29.20	24.51	24.07	24.26	0.06	0.11	0.33
TCP Cubic	10	60.34	38.37	30.46	24.88	25.51	25.83	0.08	0.14	0.35
FillP	10	58.14	40.64	28.38	47.10	46.27	51.13	1.53	3.25	4.43
FillP-Sheep	10	59.75	38.05	32.53	38.35	42.64	43.38	1.05	1.40	0.88
Indigo	10	58.97	41.63	29.81	22.00	22.14	23.40	0.07	0.13	0.35
LEDBAT	10	53.97	38.36	25.10	27.30	28.49	29.38	0.08	0.18	0.32
PCC-Allegro	10	52.27	40.14	25.43	42.42	39.38	34.73	4.42	1.97	1.36
PCC-Expr	10	54.17	34.29	32.71	42.31	48.60	38.27	0.35	0.57	0.63
QUIC Cubic	10	56.22	41.16	29.56	28.42	29.12	43.80	0.12	0.21	0.49
SCReAM	10	0.21	0.21	0.21	17.98	17.90	17.80	0.12	0.19	0.32
Sprout	10	19.30	18.89	18.82	25.60	26.34	27.82	0.14	0.17	0.43
TaoVA-100x	10	57.49	39.91	29.65	48.44	46.96	50.93	0.29	0.67	2.06
TCP Vegas	10	60.45	36.53	32.06	20.70	20.38	20.87	0.06	0.12	0.30
Verus	10	48.40	38.17	28.20	41.84	43.36	48.69	0.11	0.21	0.53
PCC-Vivace	10	55.84	30.18	19.10	33.99	33.19	32.03	0.51	0.69	0.51
WebRTC media	10	1.62	0.86	0.45	17.75	17.84	17.99	0.05	0.08	0.40

Run 1: Statistics of TCP BBR

Start at: 2018-08-10 01:28:29
End at: 2018-08-10 01:28:59
Local clock offset: -2.449 ms
Remote clock offset: -7.215 ms

Below is generated by plot.py at 2018-08-10 04:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 38.299 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 38.171 ms
Loss rate: 2.81%
-- Flow 2:
Average throughput: 48.40 Mbit/s
95th percentile per-packet one-way delay: 38.047 ms
Loss rate: 3.68%
-- Flow 3:
Average throughput: 25.34 Mbit/s
95th percentile per-packet one-way delay: 59.880 ms
Loss rate: 3.46%

Run 1: Report of TCP BBR — Data Link

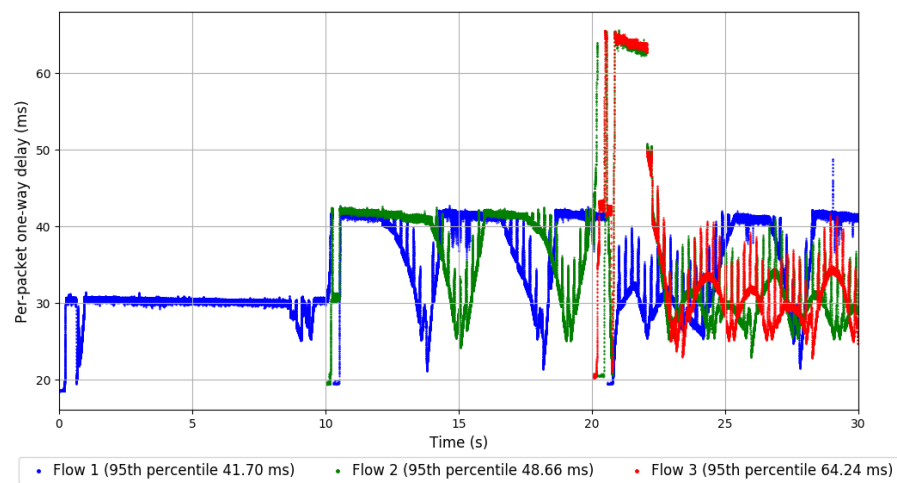
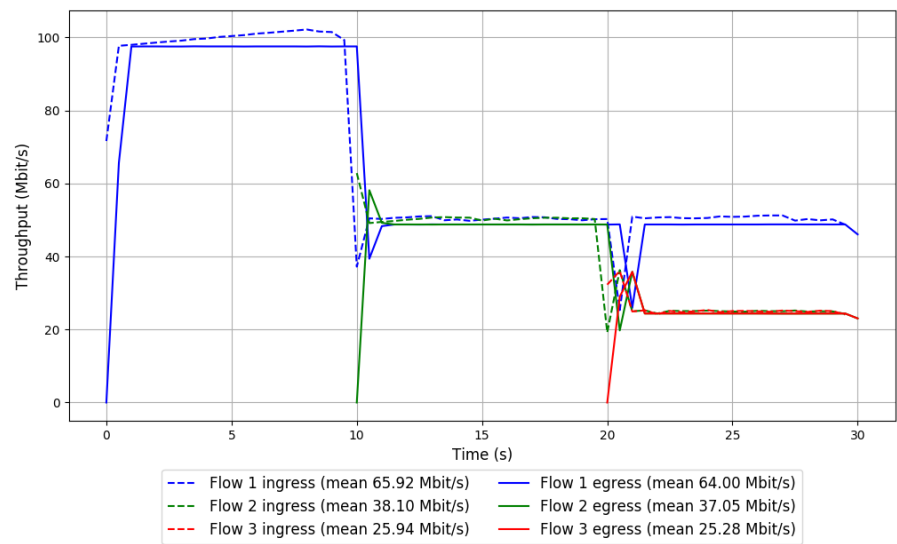


Run 2: Statistics of TCP BBR

Start at: 2018-08-10 01:48:57
End at: 2018-08-10 01:49:27
Local clock offset: -0.535 ms
Remote clock offset: -8.591 ms

Below is generated by plot.py at 2018-08-10 04:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 42.004 ms
Loss rate: 2.96%
-- Flow 1:
Average throughput: 64.00 Mbit/s
95th percentile per-packet one-way delay: 41.699 ms
Loss rate: 3.00%
-- Flow 2:
Average throughput: 37.05 Mbit/s
95th percentile per-packet one-way delay: 48.656 ms
Loss rate: 2.90%
-- Flow 3:
Average throughput: 25.28 Mbit/s
95th percentile per-packet one-way delay: 64.241 ms
Loss rate: 2.85%

Run 2: Report of TCP BBR — Data Link

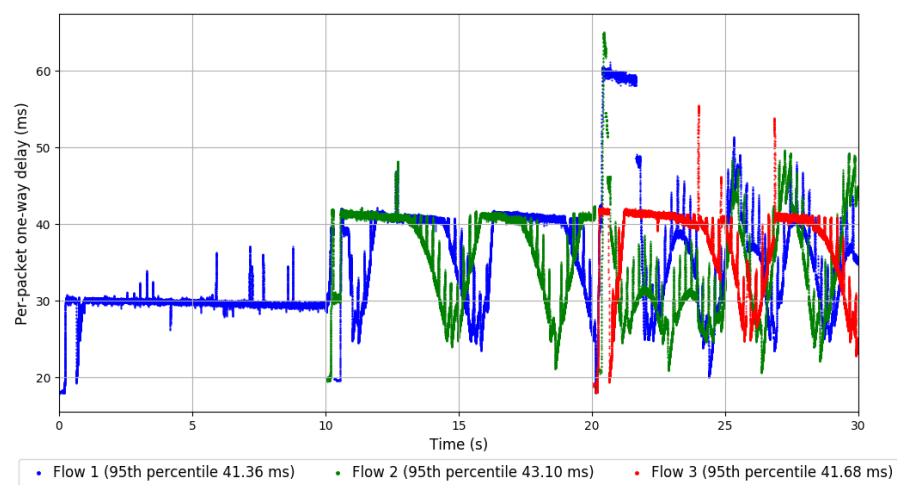
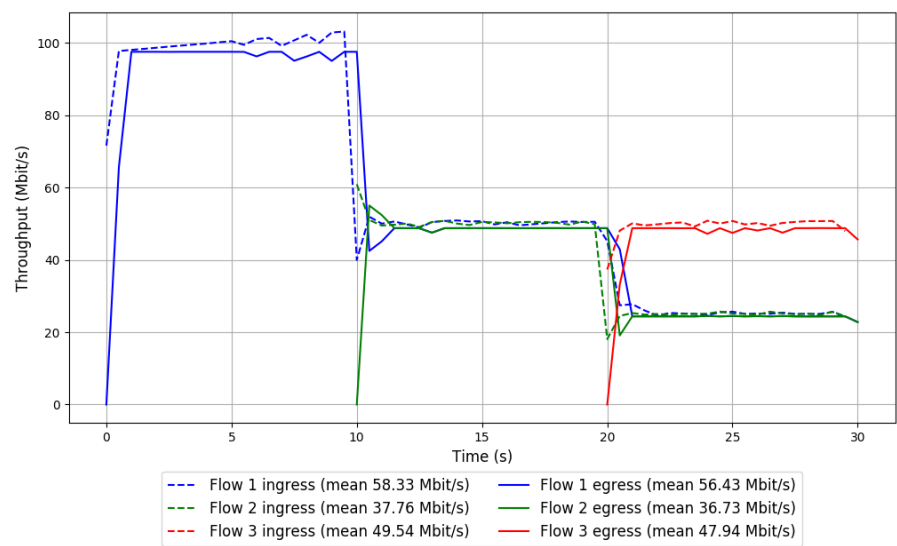


Run 3: Statistics of TCP BBR

Start at: 2018-08-10 02:09:06
End at: 2018-08-10 02:09:36
Local clock offset: 0.397 ms
Remote clock offset: -7.301 ms

Below is generated by plot.py at 2018-08-10 04:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 41.622 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 56.43 Mbit/s
95th percentile per-packet one-way delay: 41.360 ms
Loss rate: 3.35%
-- Flow 2:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 43.099 ms
Loss rate: 2.88%
-- Flow 3:
Average throughput: 47.94 Mbit/s
95th percentile per-packet one-way delay: 41.679 ms
Loss rate: 3.52%

Run 3: Report of TCP BBR — Data Link

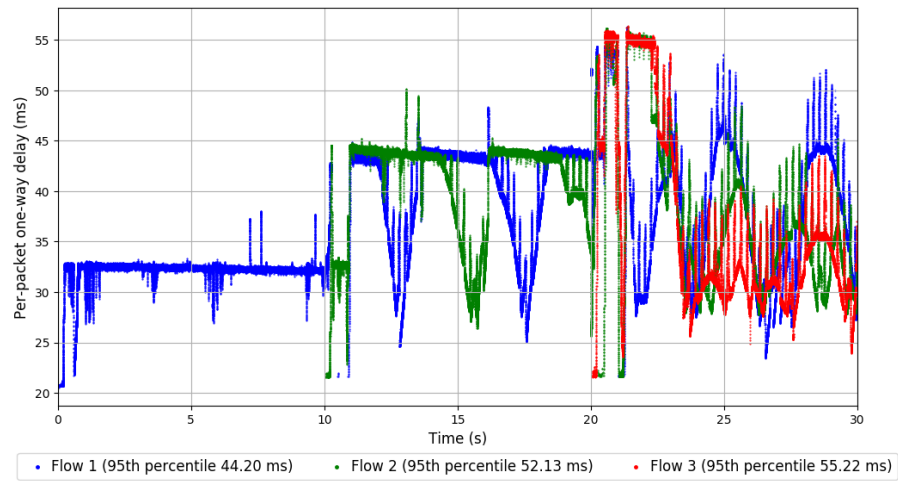
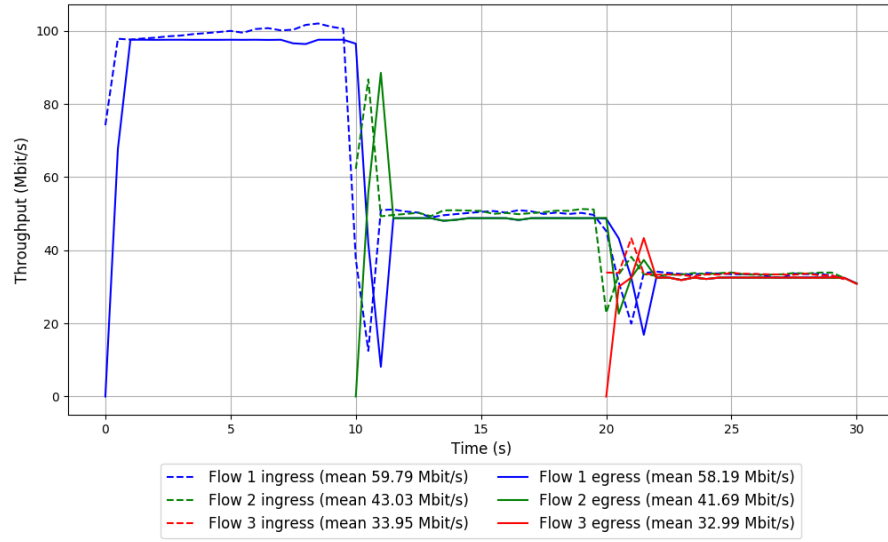


Run 4: Statistics of TCP BBR

Start at: 2018-08-10 02:29:24
End at: 2018-08-10 02:29:54
Local clock offset: 3.83 ms
Remote clock offset: -4.464 ms

Below is generated by plot.py at 2018-08-10 04:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 47.862 ms
Loss rate: 2.95%
-- Flow 1:
Average throughput: 58.19 Mbit/s
95th percentile per-packet one-way delay: 44.202 ms
Loss rate: 2.76%
-- Flow 2:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 52.127 ms
Loss rate: 3.26%
-- Flow 3:
Average throughput: 32.99 Mbit/s
95th percentile per-packet one-way delay: 55.222 ms
Loss rate: 3.13%

Run 4: Report of TCP BBR — Data Link

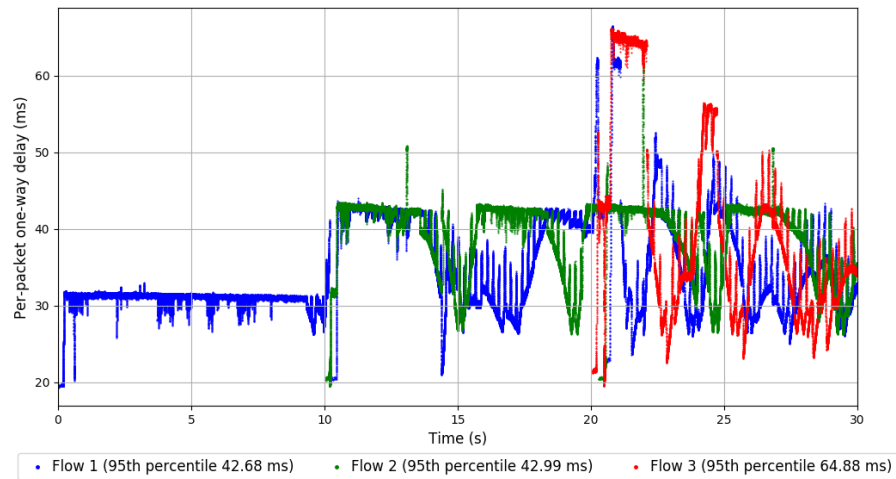
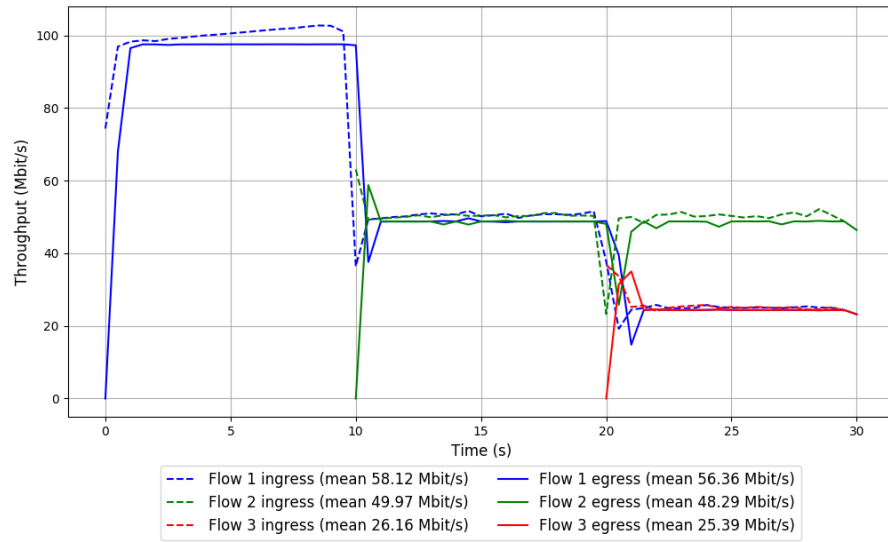


Run 5: Statistics of TCP BBR

Start at: 2018-08-10 02:49:44
End at: 2018-08-10 02:50:14
Local clock offset: 2.34 ms
Remote clock offset: -2.791 ms

Below is generated by plot.py at 2018-08-10 04:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 43.060 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 56.36 Mbit/s
95th percentile per-packet one-way delay: 42.679 ms
Loss rate: 3.13%
-- Flow 2:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 42.986 ms
Loss rate: 3.51%
-- Flow 3:
Average throughput: 25.39 Mbit/s
95th percentile per-packet one-way delay: 64.876 ms
Loss rate: 3.25%

Run 5: Report of TCP BBR — Data Link

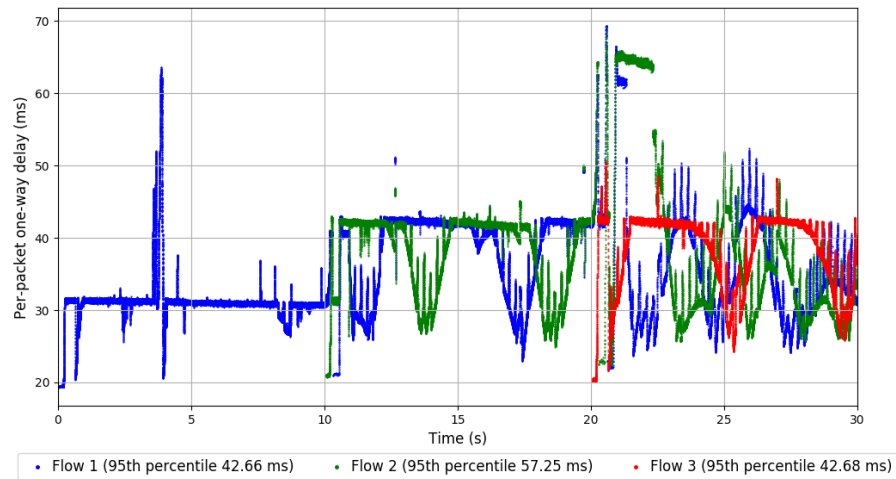
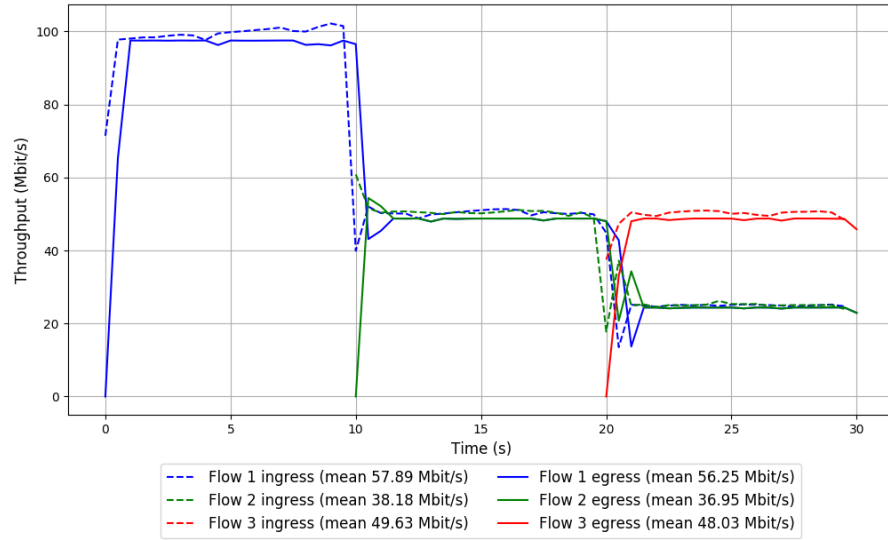


Run 6: Statistics of TCP BBR

Start at: 2018-08-10 03:10:11
End at: 2018-08-10 03:10:41
Local clock offset: 2.028 ms
Remote clock offset: -5.996 ms

Below is generated by plot.py at 2018-08-10 04:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 42.896 ms
Loss rate: 3.14%
-- Flow 1:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 42.663 ms
Loss rate: 2.92%
-- Flow 2:
Average throughput: 36.95 Mbit/s
95th percentile per-packet one-way delay: 57.252 ms
Loss rate: 3.38%
-- Flow 3:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 42.678 ms
Loss rate: 3.52%

Run 6: Report of TCP BBR — Data Link

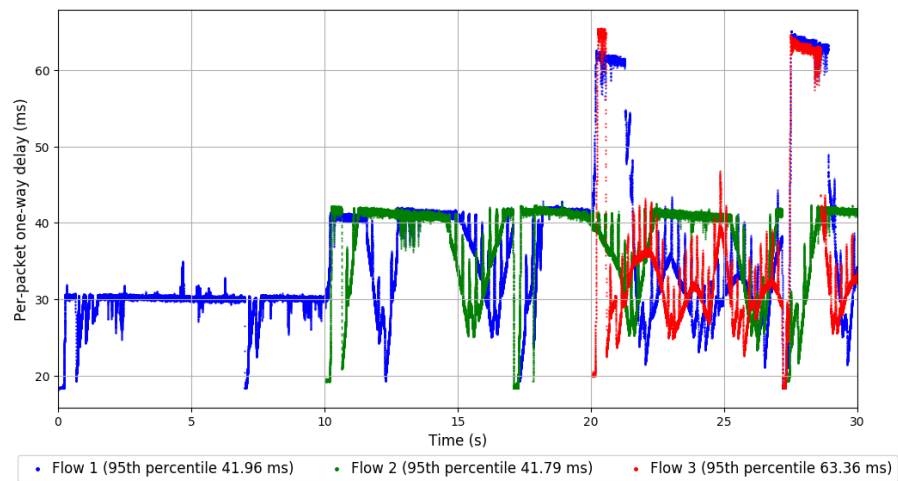
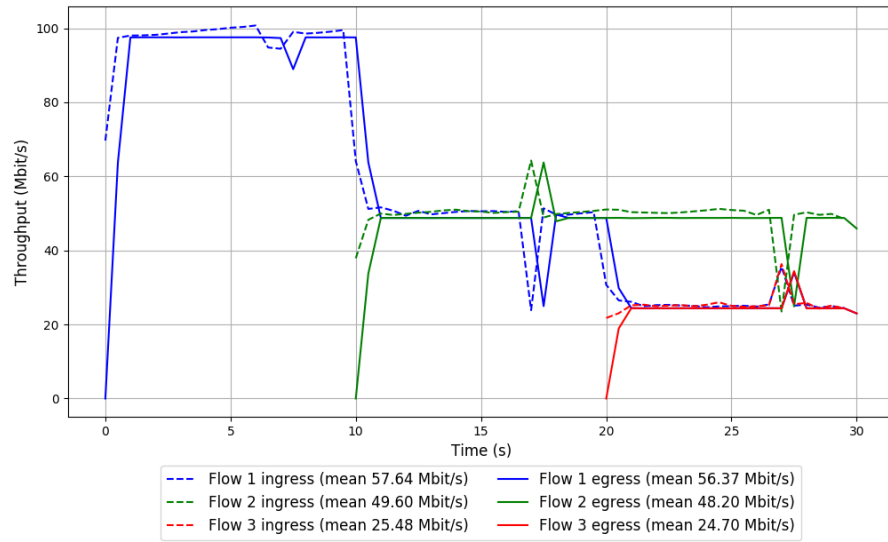


Run 7: Statistics of TCP BBR

Start at: 2018-08-10 03:30:20
End at: 2018-08-10 03:30:50
Local clock offset: 0.745 ms
Remote clock offset: -7.301 ms

Below is generated by plot.py at 2018-08-10 04:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 41.937 ms
Loss rate: 2.65%
-- Flow 1:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 41.962 ms
Loss rate: 2.32%
-- Flow 2:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 41.790 ms
Loss rate: 3.04%
-- Flow 3:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 63.358 ms
Loss rate: 3.39%

Run 7: Report of TCP BBR — Data Link

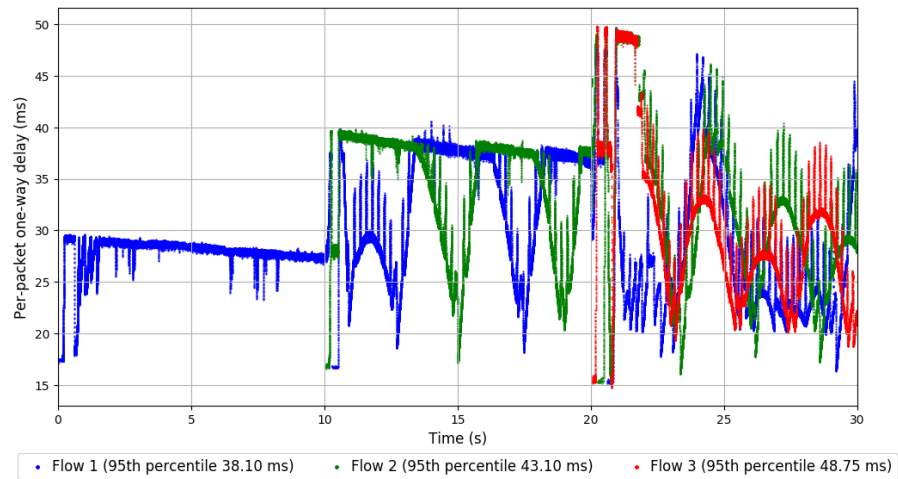
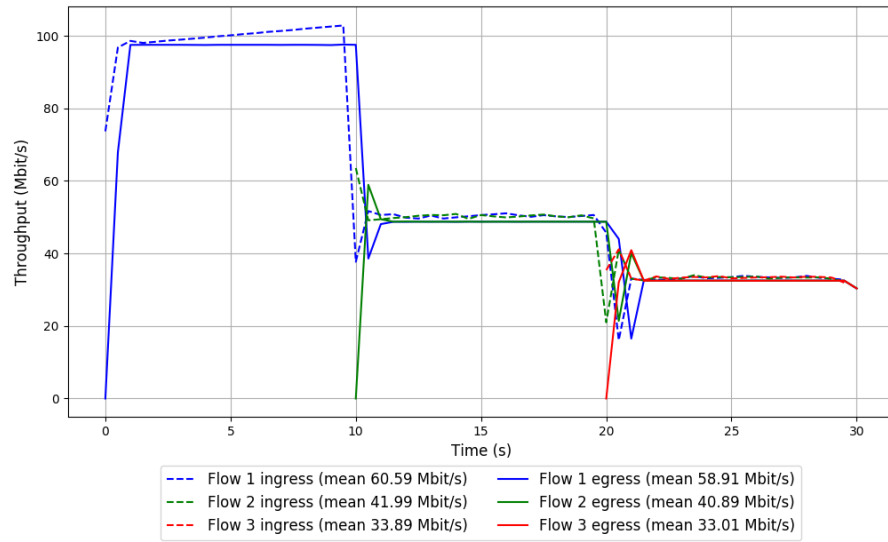


Run 8: Statistics of TCP BBR

Start at: 2018-08-10 03:50:19
End at: 2018-08-10 03:50:49
Local clock offset: 0.628 ms
Remote clock offset: -39.332 ms

Below is generated by plot.py at 2018-08-10 04:47:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 39.314 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 38.097 ms
Loss rate: 2.87%
-- Flow 2:
Average throughput: 40.89 Mbit/s
95th percentile per-packet one-way delay: 43.101 ms
Loss rate: 2.77%
-- Flow 3:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 48.754 ms
Loss rate: 2.89%

Run 8: Report of TCP BBR — Data Link

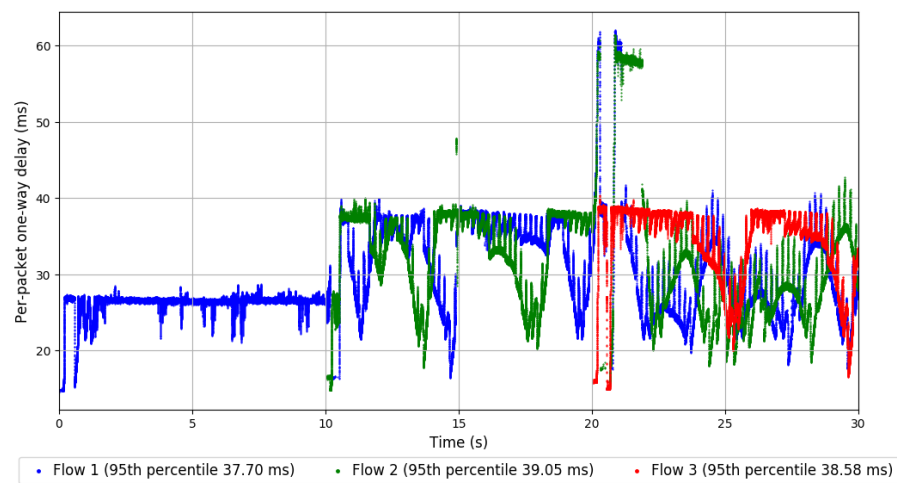
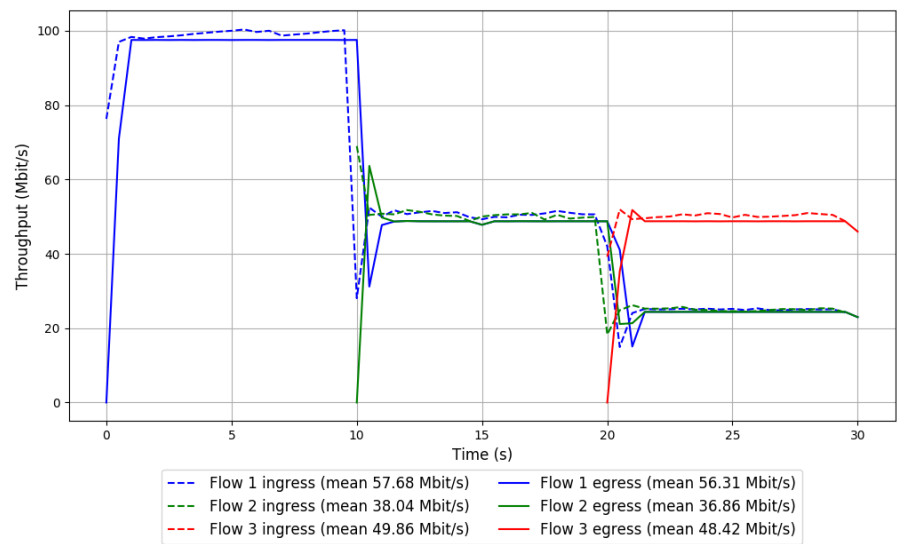


Run 9: Statistics of TCP BBR

Start at: 2018-08-10 04:10:32
End at: 2018-08-10 04:11:02
Local clock offset: 0.358 ms
Remote clock offset: -87.931 ms

Below is generated by plot.py at 2018-08-10 04:48:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 38.281 ms
Loss rate: 2.80%
-- Flow 1:
Average throughput: 56.31 Mbit/s
95th percentile per-packet one-way delay: 37.695 ms
Loss rate: 2.47%
-- Flow 2:
Average throughput: 36.86 Mbit/s
95th percentile per-packet one-way delay: 39.055 ms
Loss rate: 3.24%
-- Flow 3:
Average throughput: 48.42 Mbit/s
95th percentile per-packet one-way delay: 38.576 ms
Loss rate: 3.24%

Run 9: Report of TCP BBR — Data Link

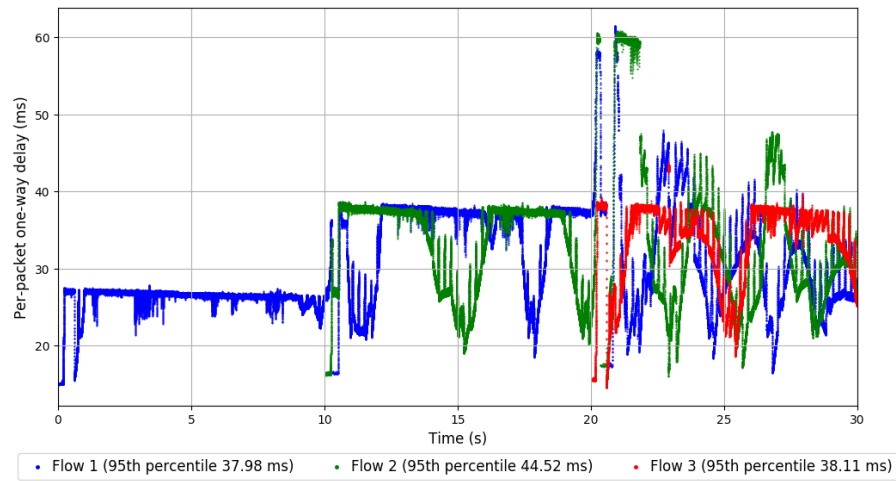
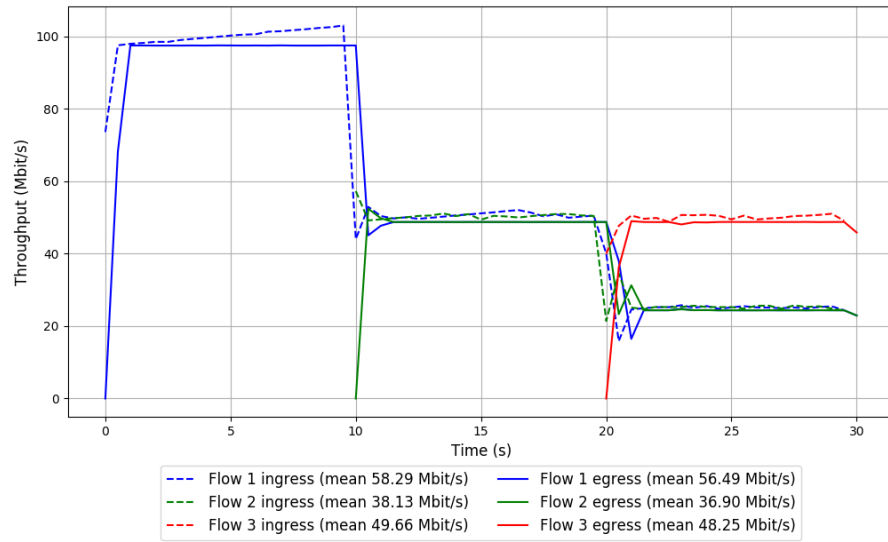


Run 10: Statistics of TCP BBR

Start at: 2018-08-10 04:30:48
End at: 2018-08-10 04:31:18
Local clock offset: -0.073 ms
Remote clock offset: -103.226 ms

Below is generated by plot.py at 2018-08-10 04:48:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 38.176 ms
Loss rate: 3.21%
-- Flow 1:
Average throughput: 56.49 Mbit/s
95th percentile per-packet one-way delay: 37.978 ms
Loss rate: 3.17%
-- Flow 2:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 44.515 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 38.107 ms
Loss rate: 3.13%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-08-10 01:20:06

End at: 2018-08-10 01:20:36

Local clock offset: 2.035 ms

Remote clock offset: -4.57 ms

Below is generated by plot.py at 2018-08-10 04:48:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.75 Mbit/s

95th percentile per-packet one-way delay: 22.888 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 48.37 Mbit/s

95th percentile per-packet one-way delay: 22.832 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 42.82 Mbit/s

95th percentile per-packet one-way delay: 23.498 ms

Loss rate: 0.04%

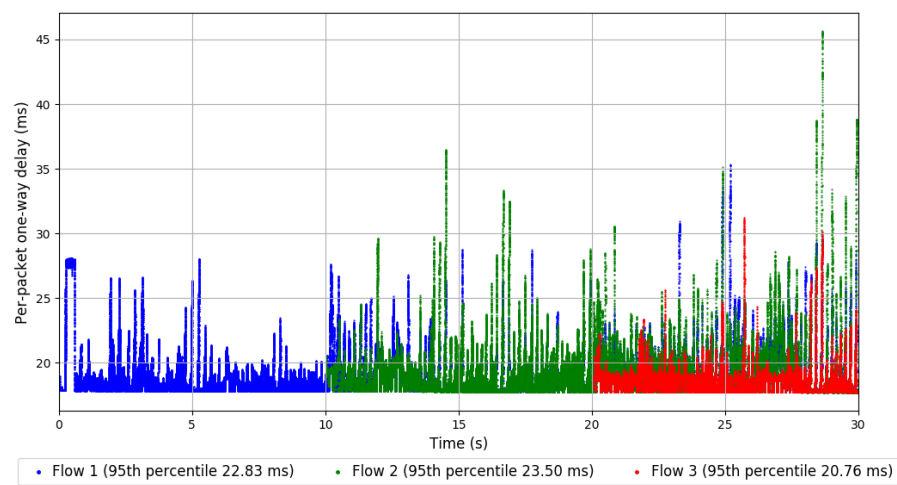
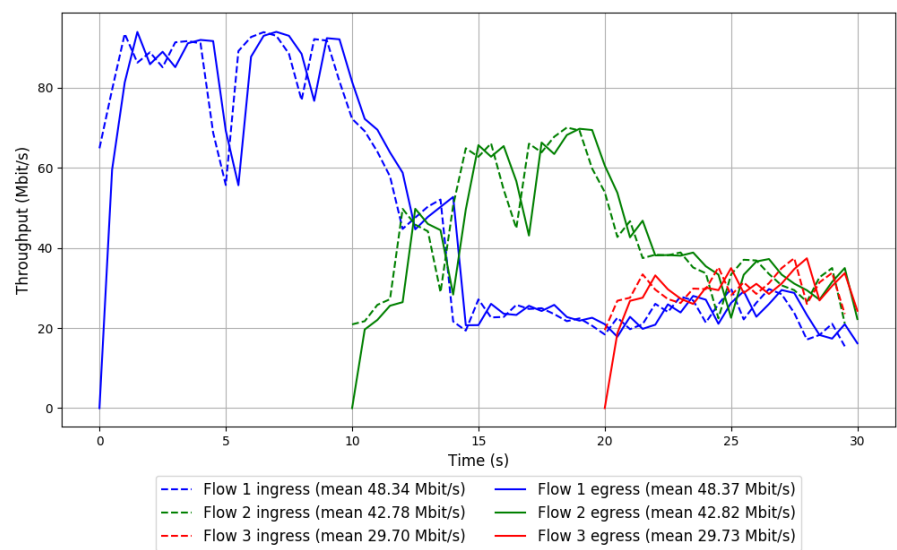
-- Flow 3:

Average throughput: 29.73 Mbit/s

95th percentile per-packet one-way delay: 20.762 ms

Loss rate: 0.14%

Run 1: Report of Copa — Data Link

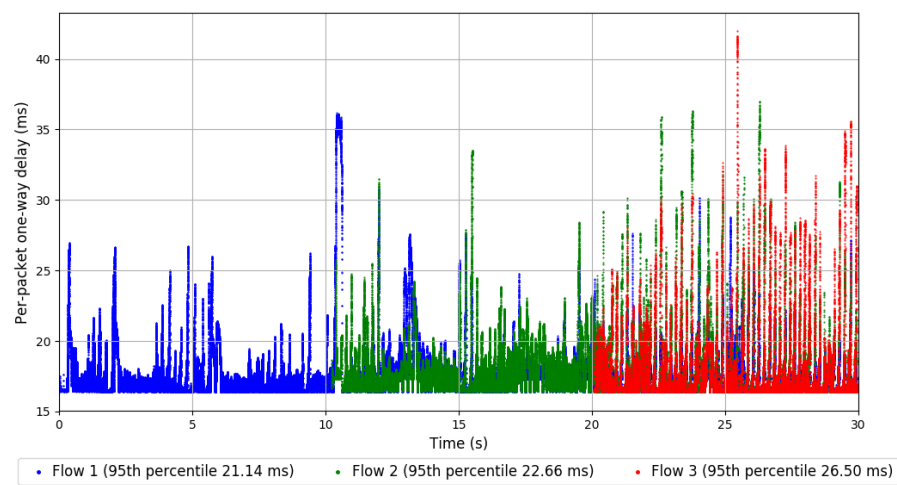
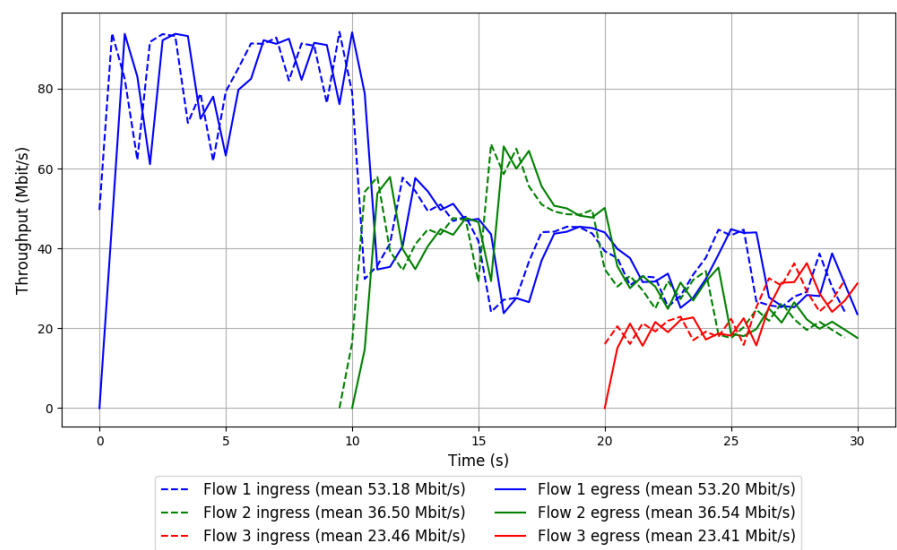


Run 2: Statistics of Copa

Start at: 2018-08-10 01:40:28
End at: 2018-08-10 01:40:58
Local clock offset: -0.561 ms
Remote clock offset: -7.699 ms

Below is generated by plot.py at 2018-08-10 04:48:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.31 Mbit/s
95th percentile per-packet one-way delay: 22.215 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 53.20 Mbit/s
95th percentile per-packet one-way delay: 21.141 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.54 Mbit/s
95th percentile per-packet one-way delay: 22.661 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 23.41 Mbit/s
95th percentile per-packet one-way delay: 26.497 ms
Loss rate: 0.47%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-08-10 02:00:51

End at: 2018-08-10 02:01:21

Local clock offset: 0.196 ms

Remote clock offset: -7.11 ms

Below is generated by plot.py at 2018-08-10 04:48:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.83 Mbit/s

95th percentile per-packet one-way delay: 24.608 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 52.57 Mbit/s

95th percentile per-packet one-way delay: 25.374 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 37.22 Mbit/s

95th percentile per-packet one-way delay: 23.301 ms

Loss rate: 0.15%

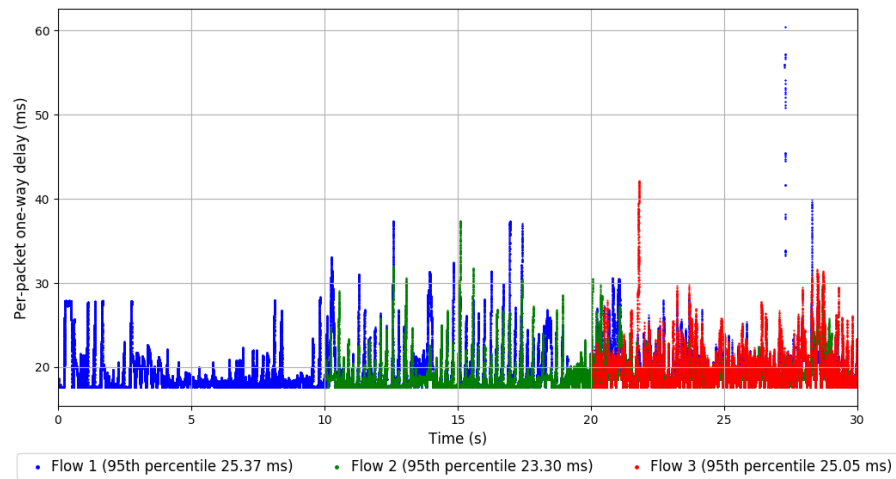
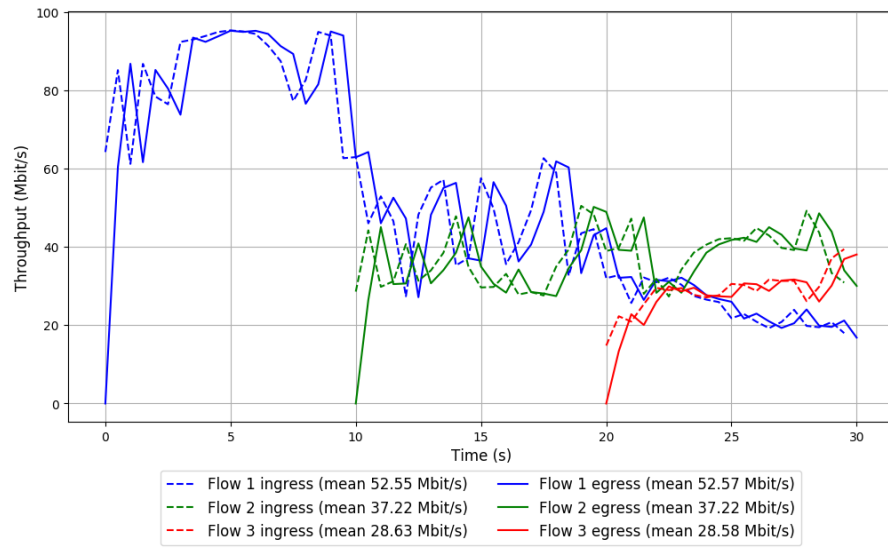
-- Flow 3:

Average throughput: 28.58 Mbit/s

95th percentile per-packet one-way delay: 25.048 ms

Loss rate: 0.47%

Run 3: Report of Copa — Data Link

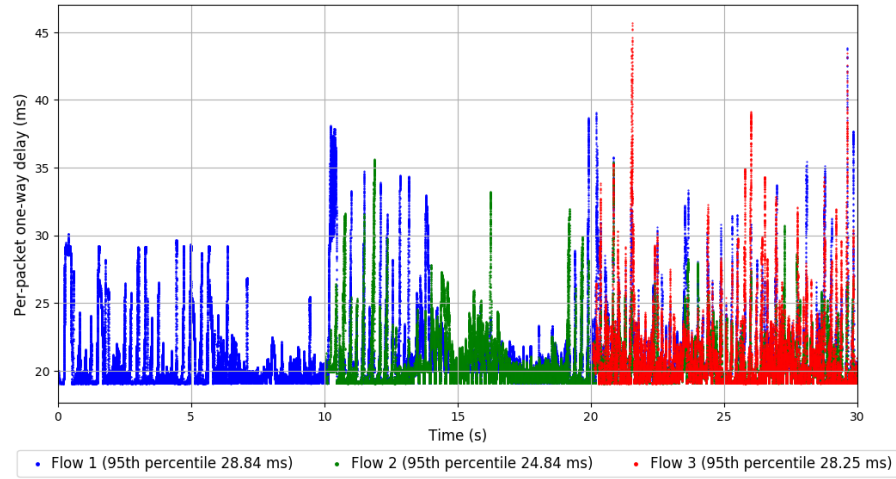
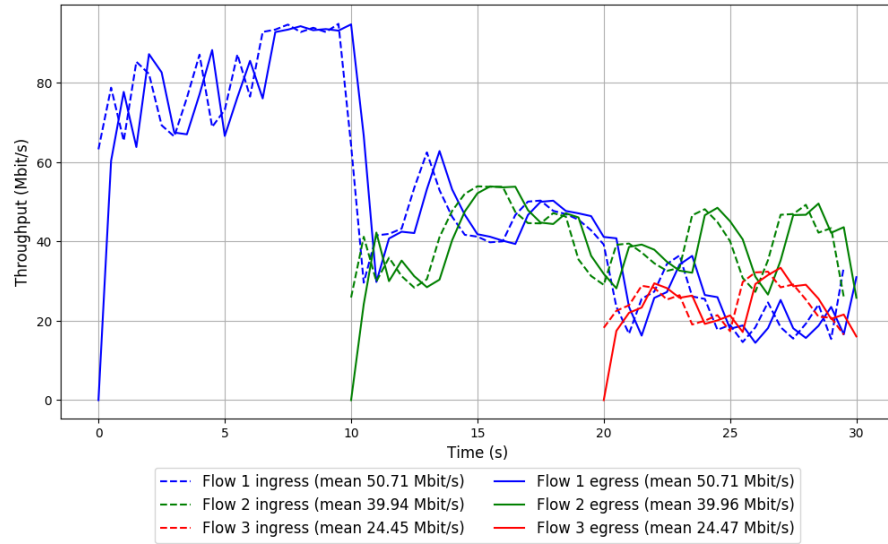


Run 4: Statistics of Copa

Start at: 2018-08-10 02:21:00
End at: 2018-08-10 02:21:30
Local clock offset: 1.564 ms
Remote clock offset: -6.835 ms

Below is generated by plot.py at 2018-08-10 04:48:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.44 Mbit/s
95th percentile per-packet one-way delay: 27.114 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 50.71 Mbit/s
95th percentile per-packet one-way delay: 28.838 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 24.835 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 28.249 ms
Loss rate: 0.21%

Run 4: Report of Copa — Data Link

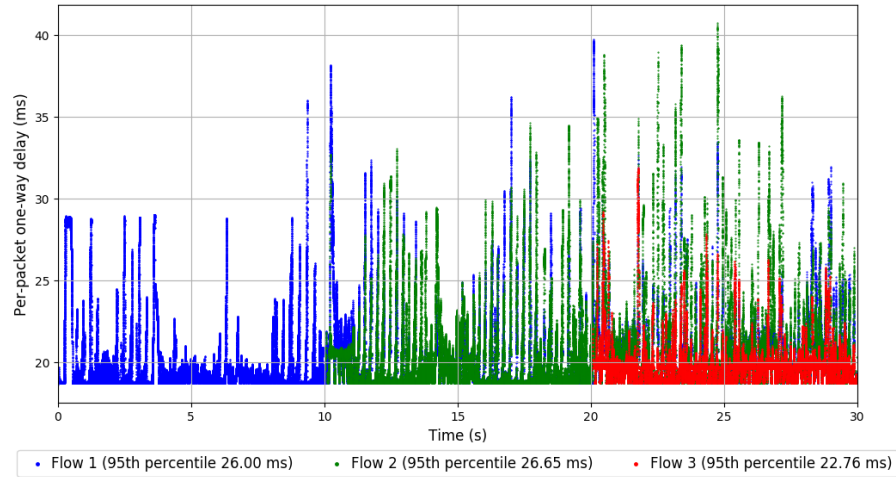
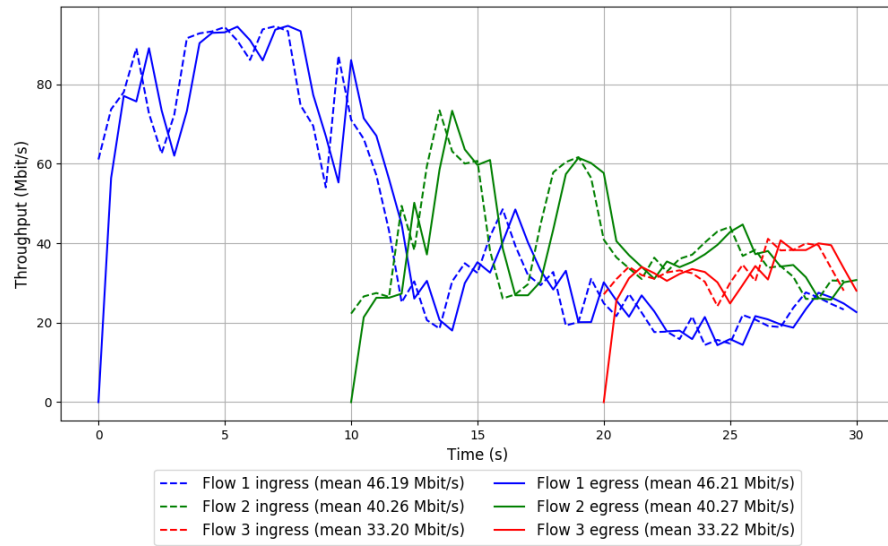


Run 5: Statistics of Copa

Start at: 2018-08-10 02:41:27
End at: 2018-08-10 02:41:57
Local clock offset: 1.099 ms
Remote clock offset: -3.991 ms

Below is generated by plot.py at 2018-08-10 04:48:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: 25.861 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 25.996 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 26.646 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 22.761 ms
Loss rate: 0.22%

Run 5: Report of Copa — Data Link

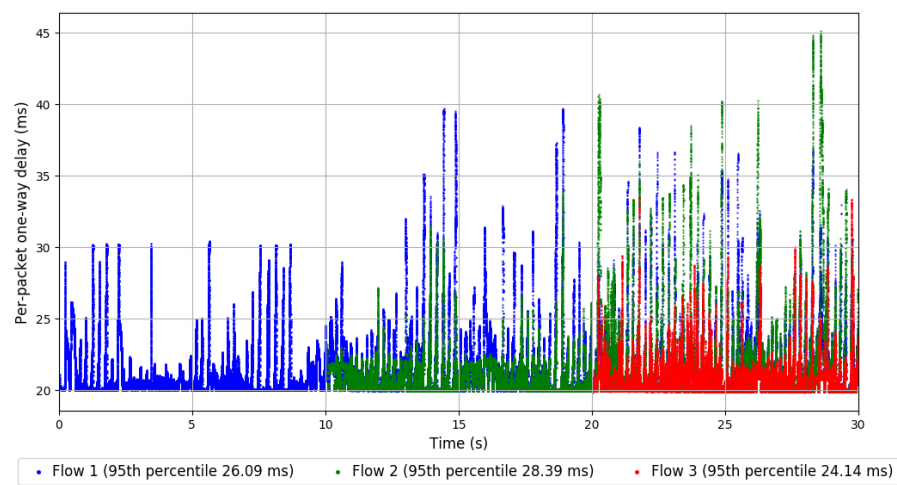
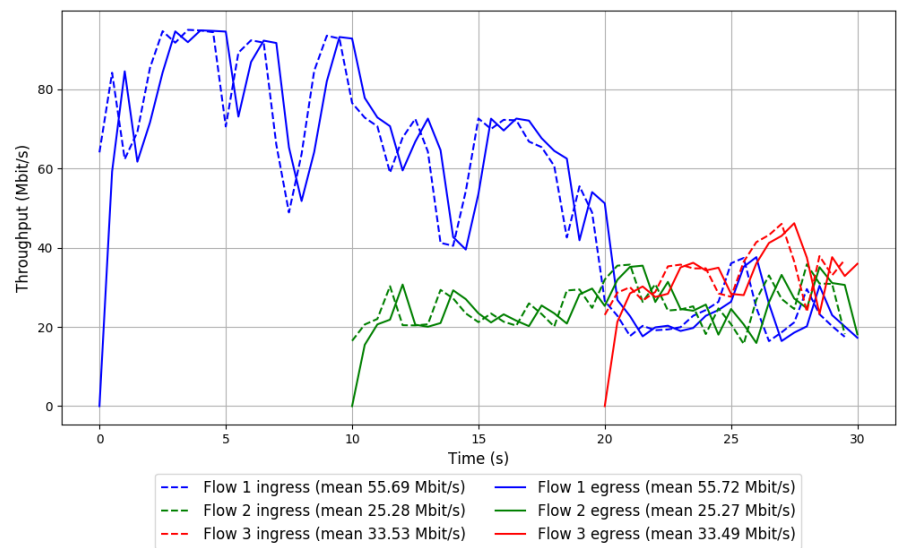


Run 6: Statistics of Copa

Start at: 2018-08-10 03:01:47
End at: 2018-08-10 03:02:17
Local clock offset: 2.758 ms
Remote clock offset: -4.444 ms

Below is generated by plot.py at 2018-08-10 04:48:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 26.255 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 55.72 Mbit/s
95th percentile per-packet one-way delay: 26.093 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 28.394 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 33.49 Mbit/s
95th percentile per-packet one-way delay: 24.135 ms
Loss rate: 0.42%

Run 6: Report of Copa — Data Link

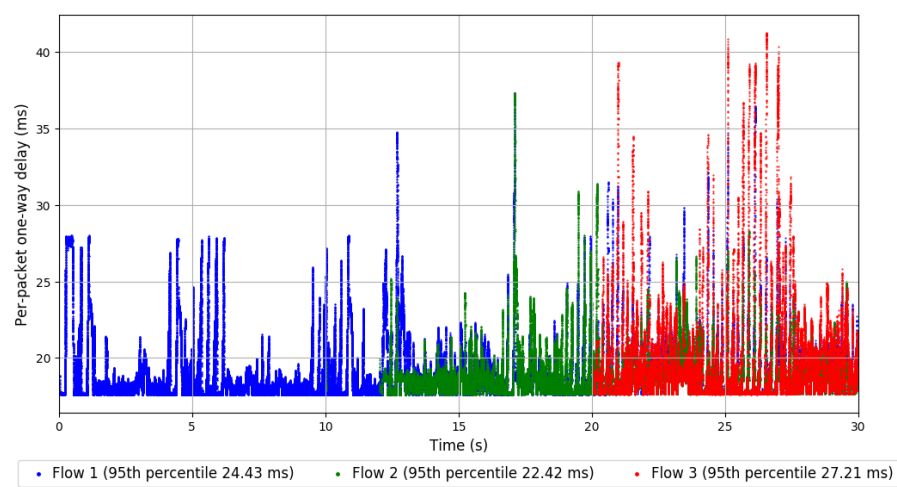
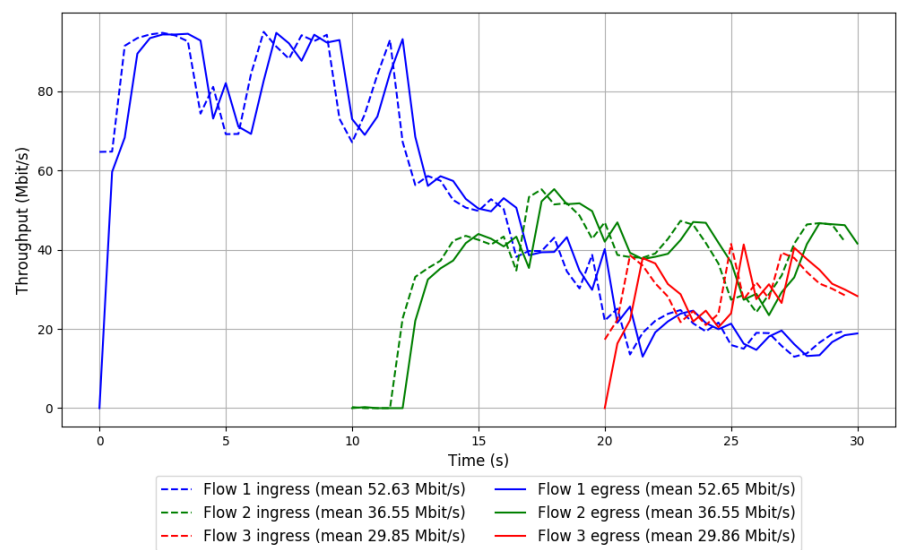


Run 7: Statistics of Copa

Start at: 2018-08-10 03:21:57
End at: 2018-08-10 03:22:27
Local clock offset: 1.056 ms
Remote clock offset: -6.703 ms

Below is generated by plot.py at 2018-08-10 04:50:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 23.978 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 52.65 Mbit/s
95th percentile per-packet one-way delay: 24.434 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 36.55 Mbit/s
95th percentile per-packet one-way delay: 22.419 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 29.86 Mbit/s
95th percentile per-packet one-way delay: 27.209 ms
Loss rate: 0.26%

Run 7: Report of Copa — Data Link

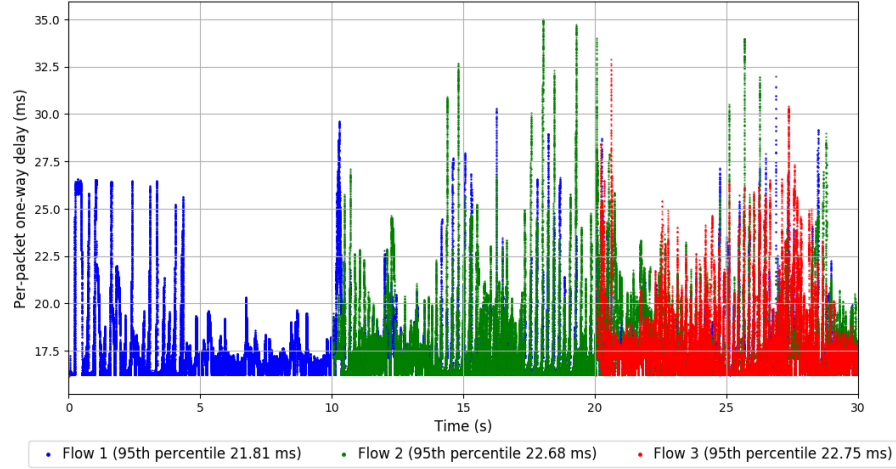
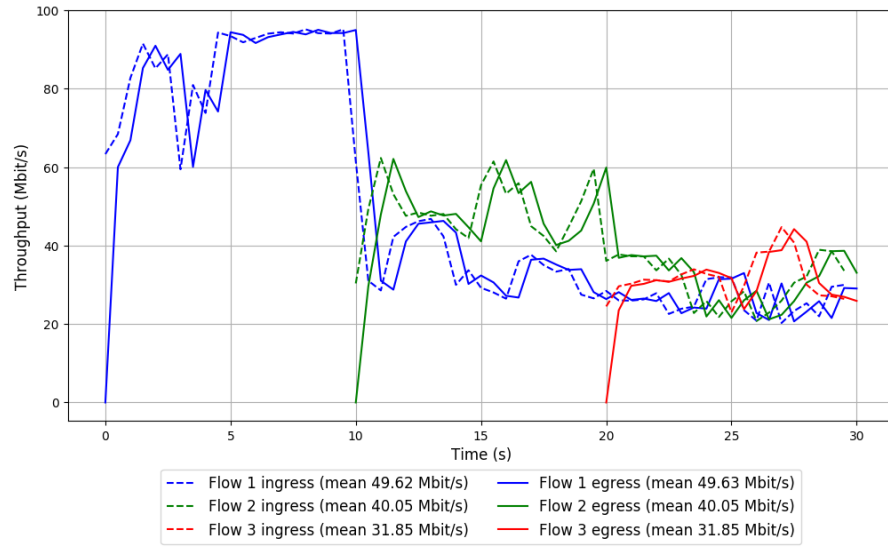


Run 8: Statistics of Copa

Start at: 2018-08-10 03:42:14
End at: 2018-08-10 03:42:44
Local clock offset: -0.984 ms
Remote clock offset: -6.636 ms

Below is generated by plot.py at 2018-08-10 04:50:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 22.309 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 49.63 Mbit/s
95th percentile per-packet one-way delay: 21.806 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 22.685 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 22.748 ms
Loss rate: 0.24%

Run 8: Report of Copa — Data Link

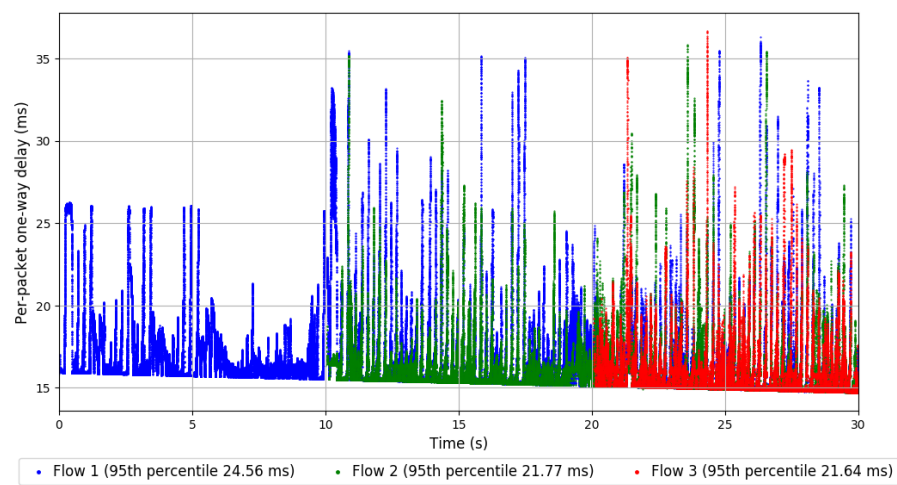
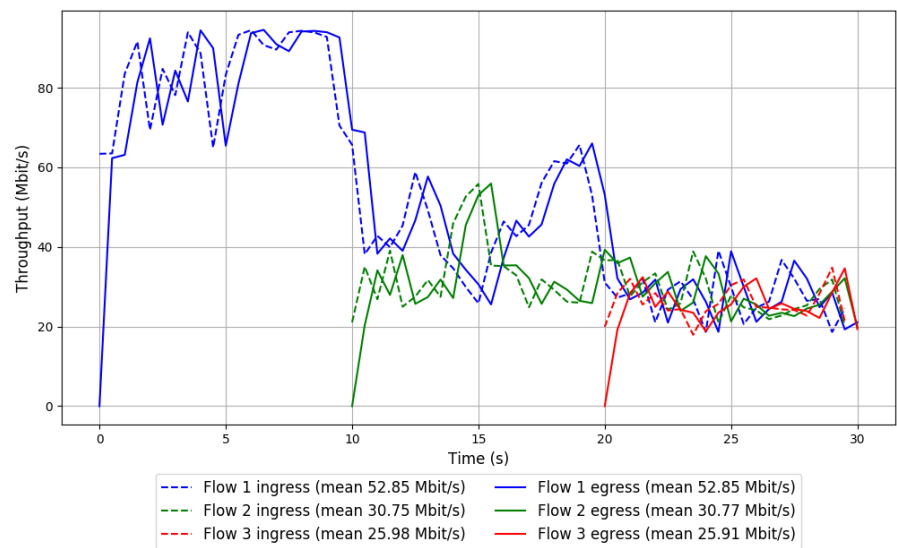


Run 9: Statistics of Copa

Start at: 2018-08-10 04:02:10
End at: 2018-08-10 04:02:40
Local clock offset: 0.125 ms
Remote clock offset: -91.468 ms

Below is generated by plot.py at 2018-08-10 04:50:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.93 Mbit/s
95th percentile per-packet one-way delay: 23.318 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 52.85 Mbit/s
95th percentile per-packet one-way delay: 24.561 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 30.77 Mbit/s
95th percentile per-packet one-way delay: 21.772 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 21.639 ms
Loss rate: 0.60%

Run 9: Report of Copa — Data Link

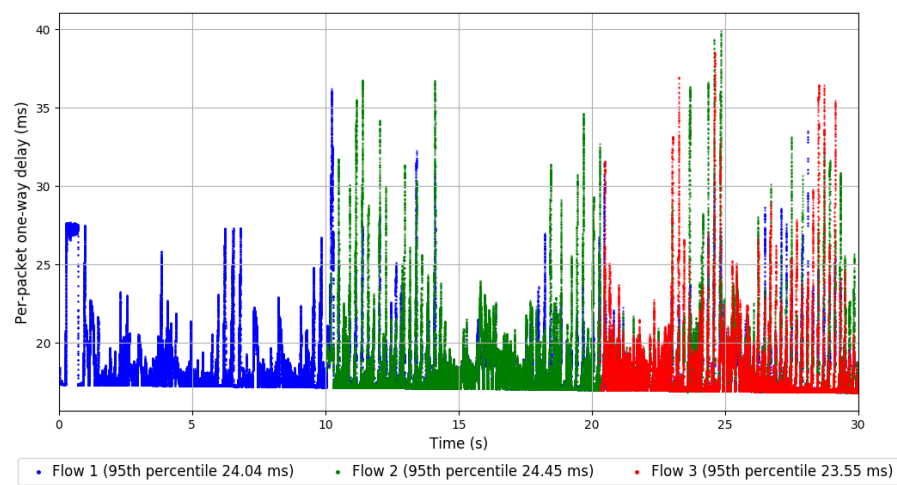
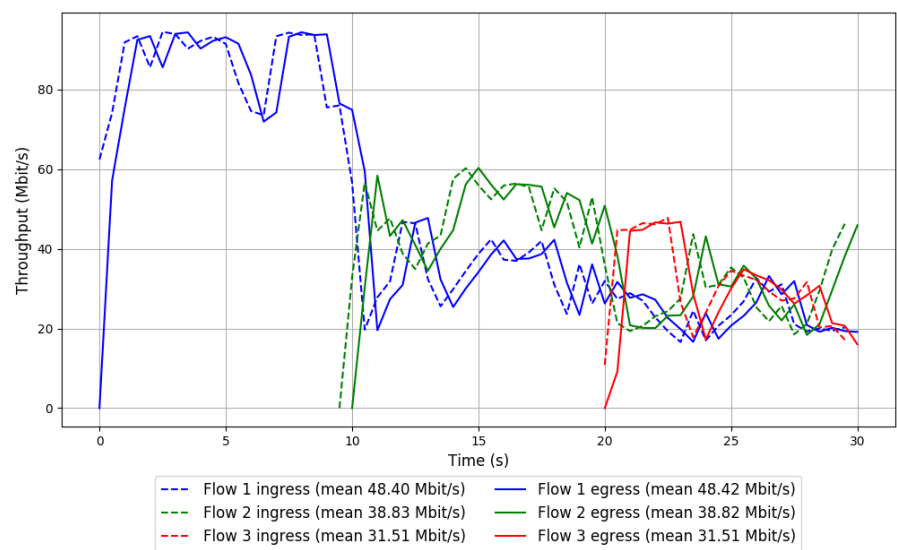


Run 10: Statistics of Copa

Start at: 2018-08-10 04:22:23
End at: 2018-08-10 04:22:53
Local clock offset: 1.955 ms
Remote clock offset: -93.626 ms

Below is generated by plot.py at 2018-08-10 04:50:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.48 Mbit/s
95th percentile per-packet one-way delay: 24.093 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 48.42 Mbit/s
95th percentile per-packet one-way delay: 24.038 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 38.82 Mbit/s
95th percentile per-packet one-way delay: 24.455 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 31.51 Mbit/s
95th percentile per-packet one-way delay: 23.545 ms
Loss rate: 0.27%

Run 10: Report of Copa — Data Link

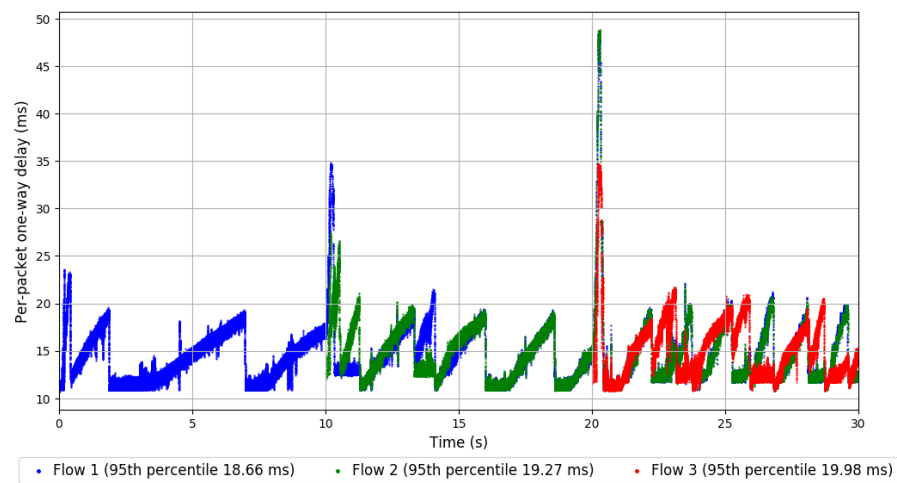
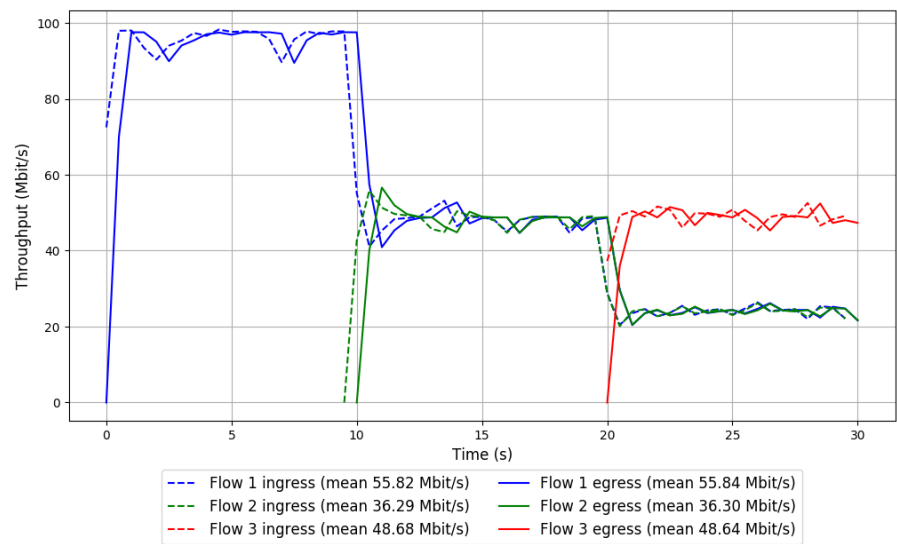


Run 1: Statistics of TCP Cubic

Start at: 2018-08-10 01:33:15
End at: 2018-08-10 01:33:45
Local clock offset: -5.07 ms
Remote clock offset: -6.385 ms

Below is generated by plot.py at 2018-08-10 04:50:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 19.091 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 55.84 Mbit/s
95th percentile per-packet one-way delay: 18.662 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 19.275 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 48.64 Mbit/s
95th percentile per-packet one-way delay: 19.976 ms
Loss rate: 0.37%

Run 1: Report of TCP Cubic — Data Link

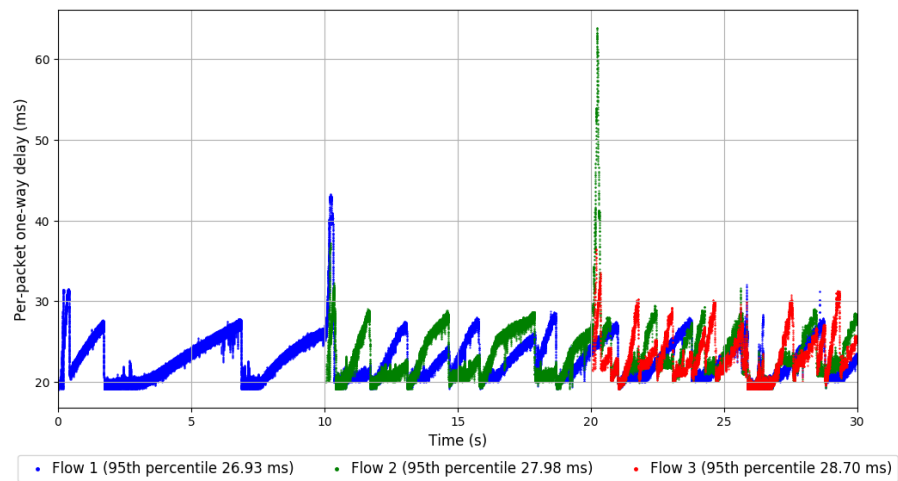
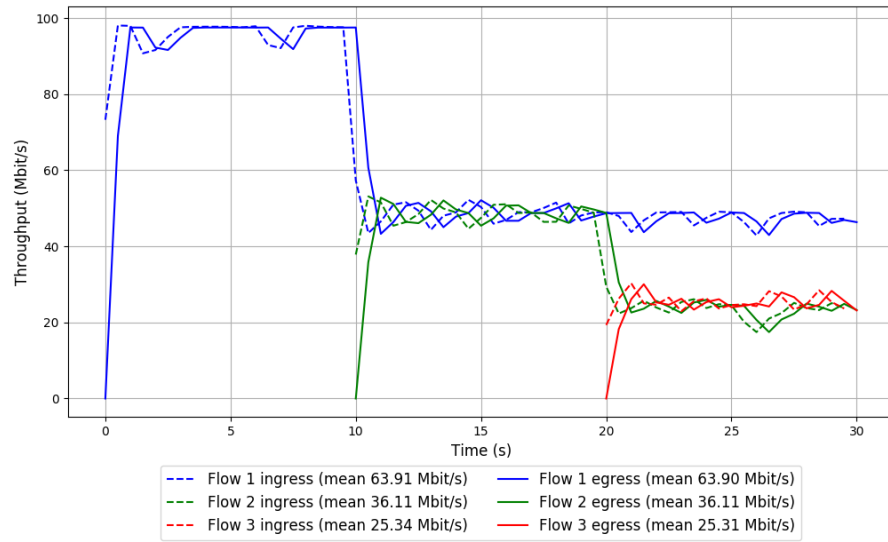


Run 2: Statistics of TCP Cubic

Start at: 2018-08-10 01:53:39
End at: 2018-08-10 01:54:09
Local clock offset: 1.525 ms
Remote clock offset: -7.316 ms

Below is generated by plot.py at 2018-08-10 04:50:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 27.397 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 63.90 Mbit/s
95th percentile per-packet one-way delay: 26.930 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 27.980 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 28.703 ms
Loss rate: 0.38%

Run 2: Report of TCP Cubic — Data Link

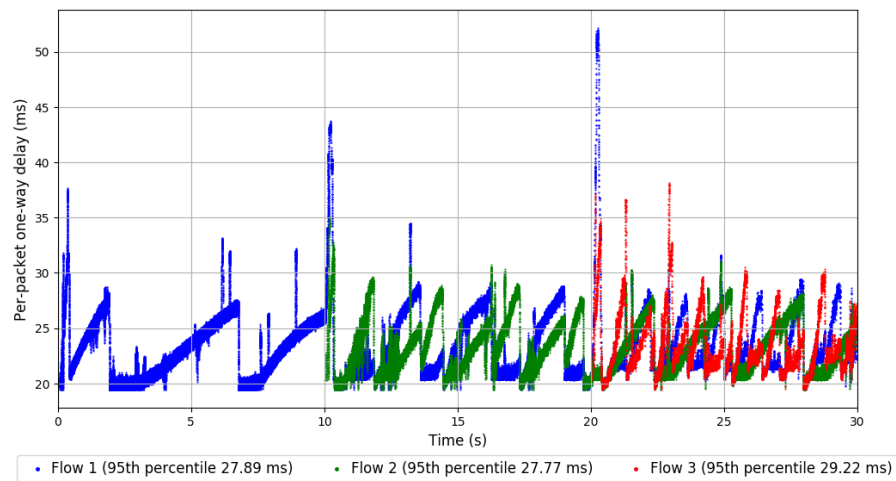
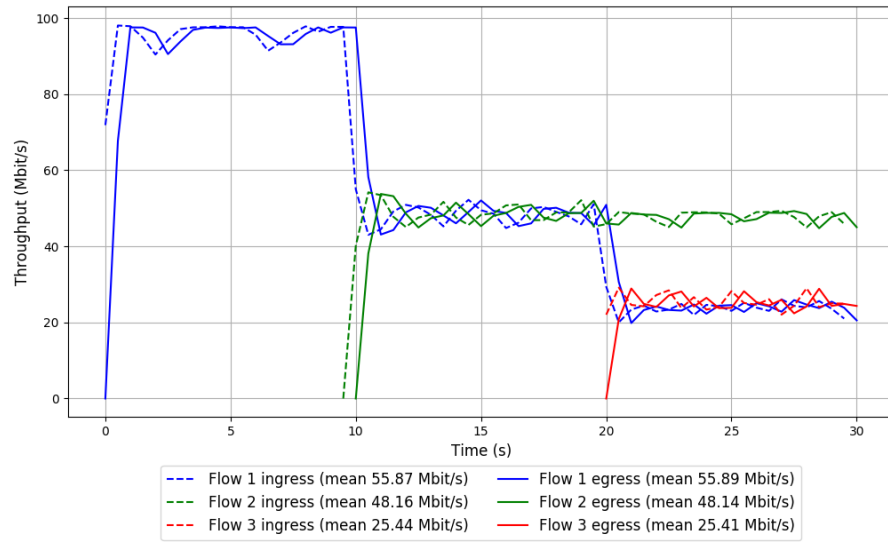


Run 3: Statistics of TCP Cubic

Start at: 2018-08-10 02:13:46
End at: 2018-08-10 02:14:16
Local clock offset: 1.738 ms
Remote clock offset: -7.363 ms

Below is generated by plot.py at 2018-08-10 04:50:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 27.917 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 55.89 Mbit/s
95th percentile per-packet one-way delay: 27.893 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 48.14 Mbit/s
95th percentile per-packet one-way delay: 27.765 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 25.41 Mbit/s
95th percentile per-packet one-way delay: 29.224 ms
Loss rate: 0.38%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-08-10 02:34:06

End at: 2018-08-10 02:34:36

Local clock offset: 1.447 ms

Remote clock offset: -3.98 ms

Below is generated by plot.py at 2018-08-10 04:50:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 27.021 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 63.95 Mbit/s

95th percentile per-packet one-way delay: 26.494 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 36.26 Mbit/s

95th percentile per-packet one-way delay: 27.480 ms

Loss rate: 0.12%

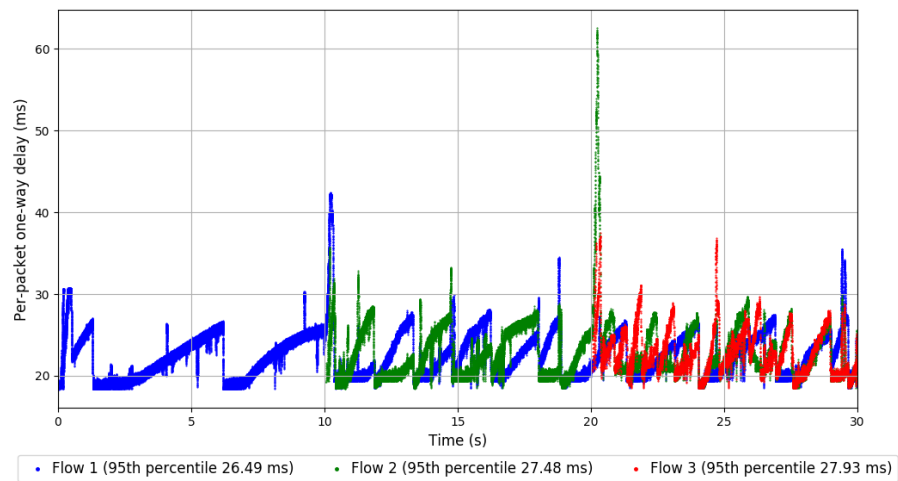
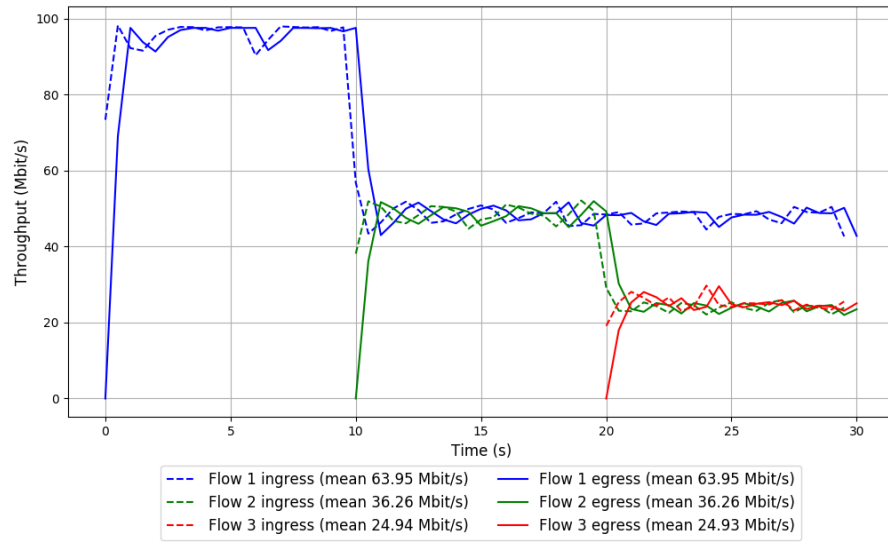
-- Flow 3:

Average throughput: 24.93 Mbit/s

95th percentile per-packet one-way delay: 27.928 ms

Loss rate: 0.36%

Run 4: Report of TCP Cubic — Data Link

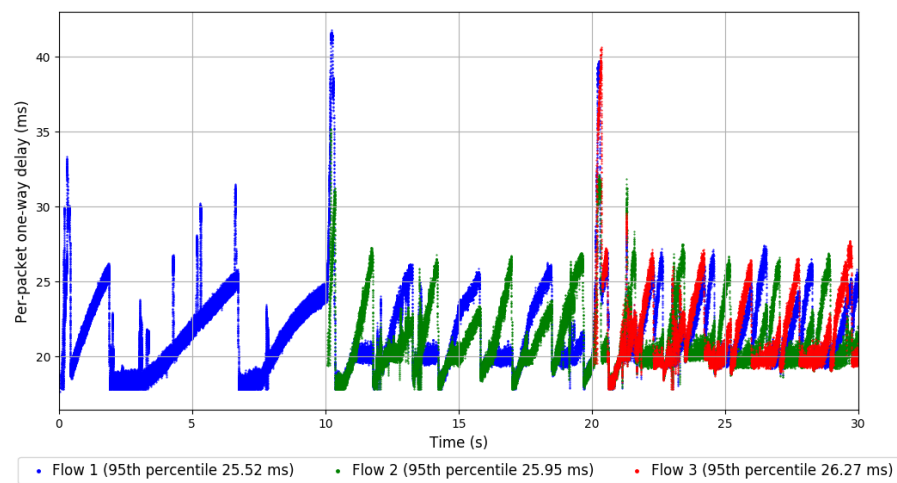
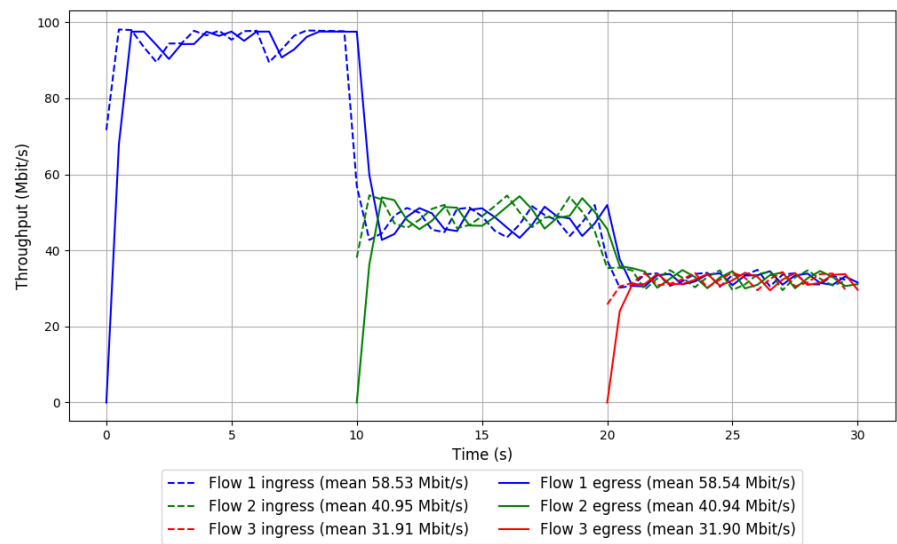


Run 5: Statistics of TCP Cubic

Start at: 2018-08-10 02:54:30
End at: 2018-08-10 02:55:00
Local clock offset: -0.029 ms
Remote clock offset: -3.128 ms

Below is generated by plot.py at 2018-08-10 04:51:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 25.772 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.54 Mbit/s
95th percentile per-packet one-way delay: 25.515 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 25.953 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 26.271 ms
Loss rate: 0.31%

Run 5: Report of TCP Cubic — Data Link

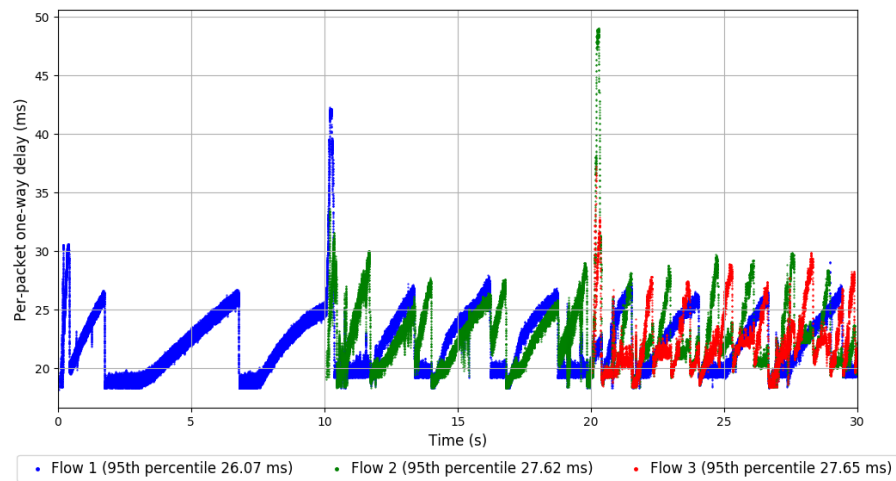
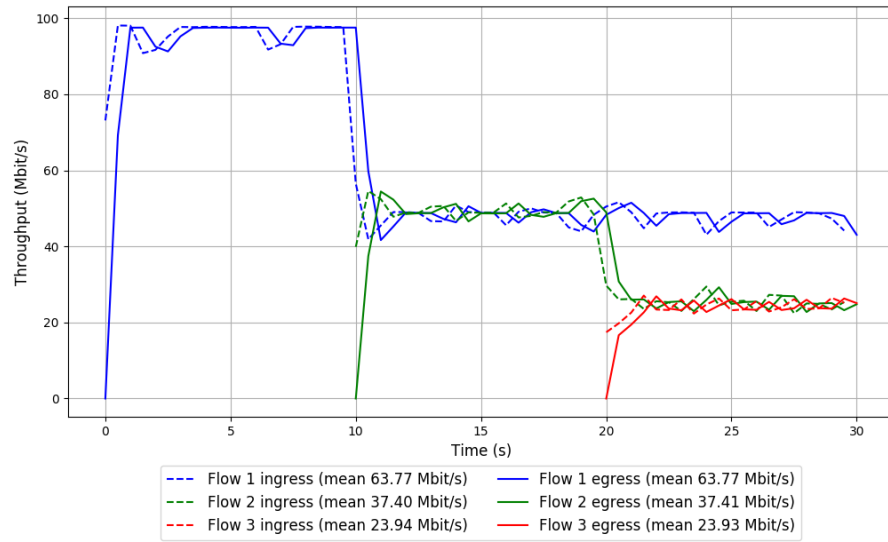


Run 6: Statistics of TCP Cubic

Start at: 2018-08-10 03:14:48
End at: 2018-08-10 03:15:18
Local clock offset: 0.71 ms
Remote clock offset: -6.772 ms

Below is generated by plot.py at 2018-08-10 04:51:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 26.574 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 63.77 Mbit/s
95th percentile per-packet one-way delay: 26.074 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 27.620 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 27.647 ms
Loss rate: 0.32%

Run 6: Report of TCP Cubic — Data Link

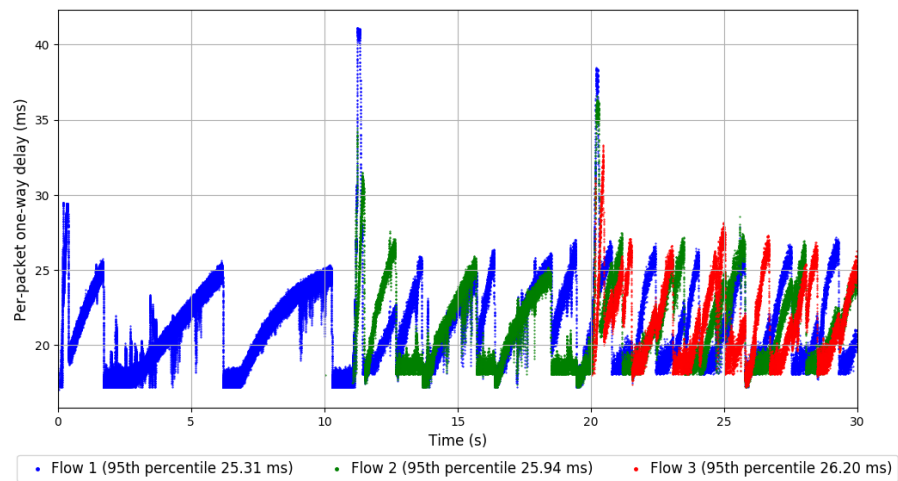
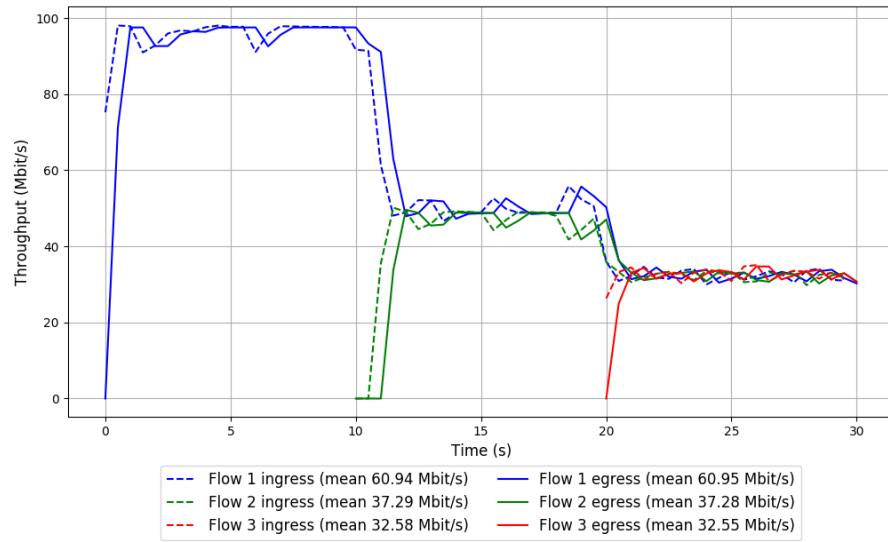


Run 7: Statistics of TCP Cubic

Start at: 2018-08-10 03:35:08
End at: 2018-08-10 03:35:38
Local clock offset: -0.057 ms
Remote clock offset: -6.812 ms

Below is generated by plot.py at 2018-08-10 04:51:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.57 Mbit/s
95th percentile per-packet one-way delay: 25.586 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 60.95 Mbit/s
95th percentile per-packet one-way delay: 25.306 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 25.941 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 32.55 Mbit/s
95th percentile per-packet one-way delay: 26.198 ms
Loss rate: 0.36%

Run 7: Report of TCP Cubic — Data Link

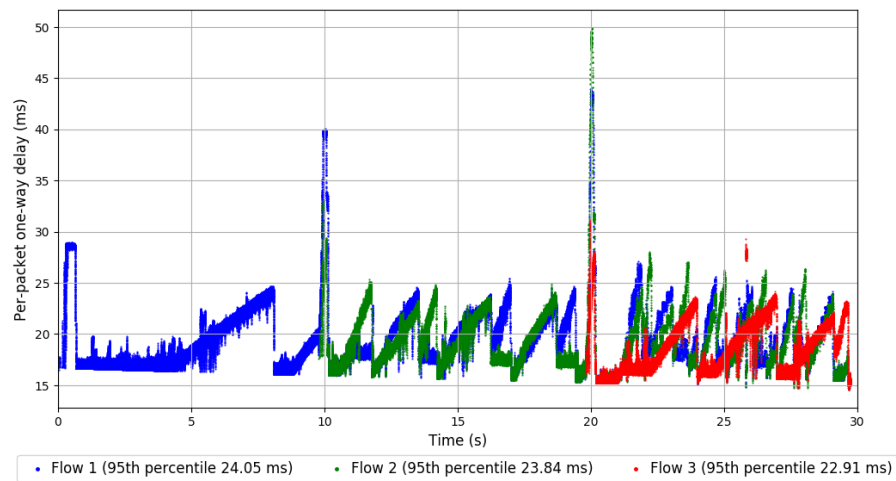
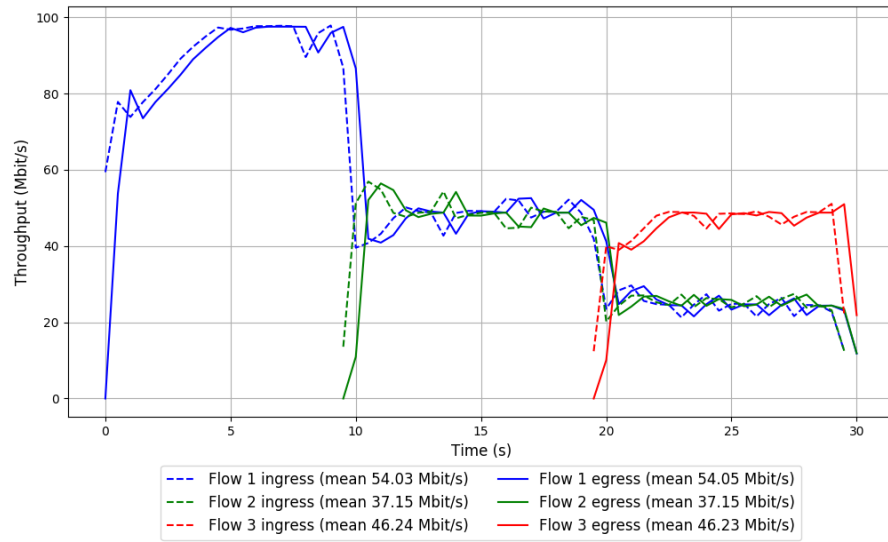


Run 8: Statistics of TCP Cubic

Start at: 2018-08-10 03:54:58
End at: 2018-08-10 03:55:28
Local clock offset: 0.673 ms
Remote clock offset: -68.69 ms

Below is generated by plot.py at 2018-08-10 04:51:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.46 Mbit/s
95th percentile per-packet one-way delay: 23.841 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 54.05 Mbit/s
95th percentile per-packet one-way delay: 24.046 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.15 Mbit/s
95th percentile per-packet one-way delay: 23.844 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 46.23 Mbit/s
95th percentile per-packet one-way delay: 22.906 ms
Loss rate: 0.30%

Run 8: Report of TCP Cubic — Data Link

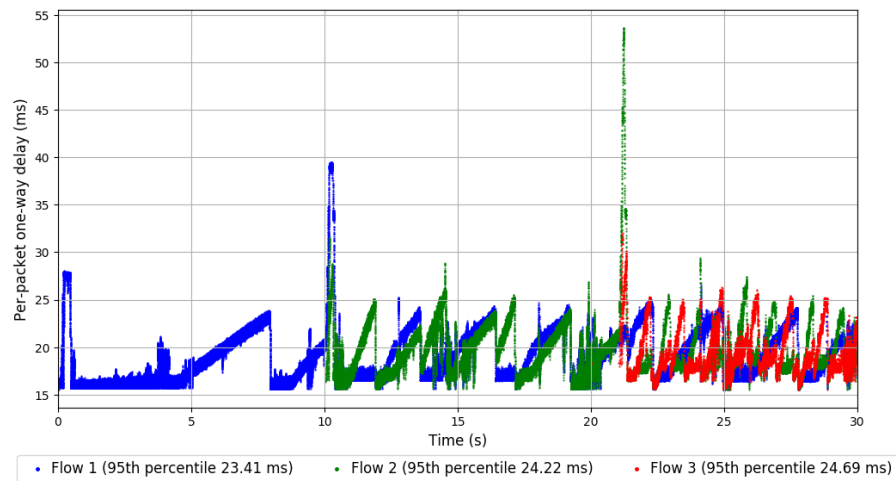
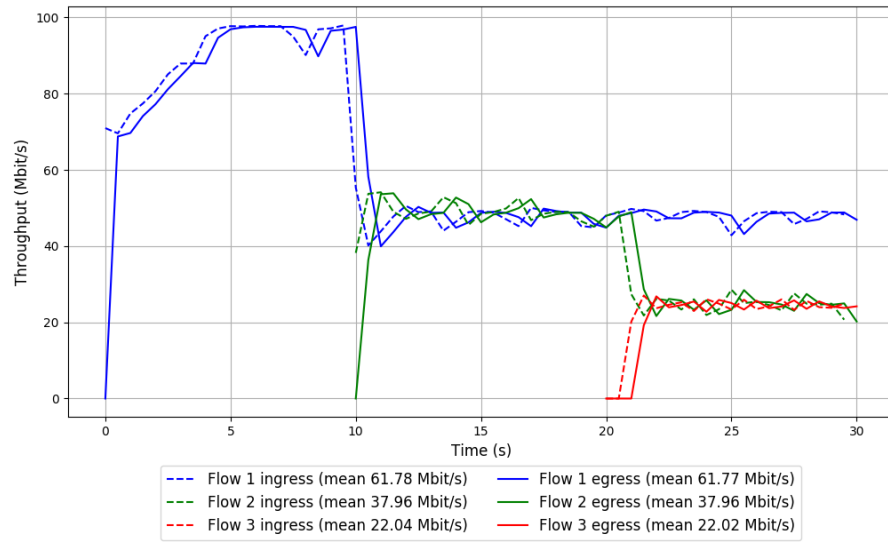


Run 9: Statistics of TCP Cubic

Start at: 2018-08-10 04:15:12
End at: 2018-08-10 04:15:42
Local clock offset: -0.316 ms
Remote clock offset: -89.258 ms

Below is generated by plot.py at 2018-08-10 04:51:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.35 Mbit/s
95th percentile per-packet one-way delay: 23.743 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 61.77 Mbit/s
95th percentile per-packet one-way delay: 23.408 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 24.220 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 24.688 ms
Loss rate: 0.40%

Run 9: Report of TCP Cubic — Data Link

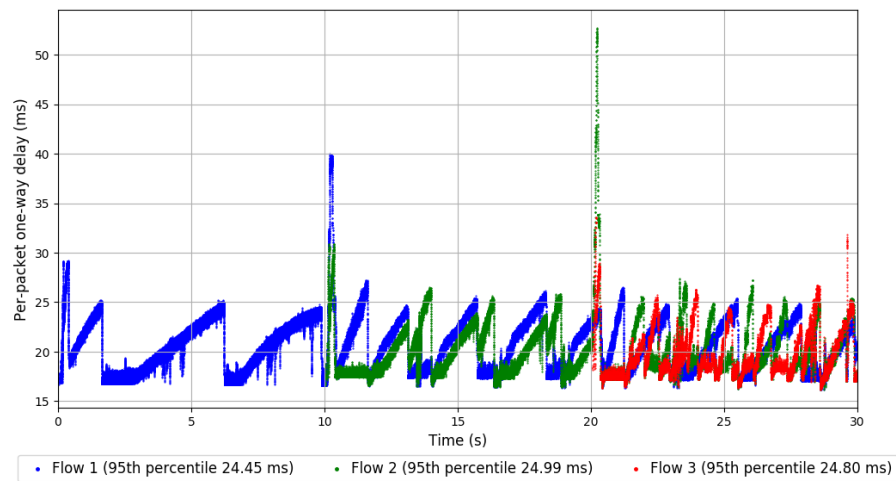
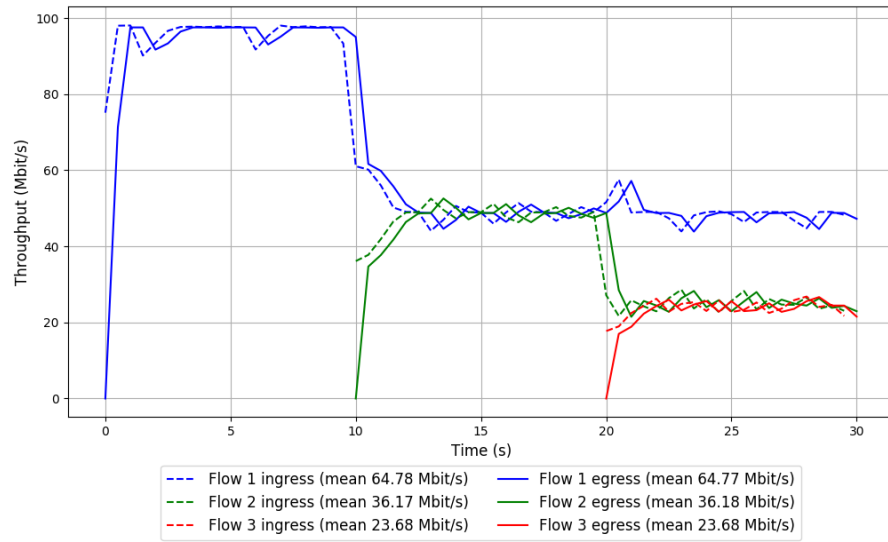


Run 10: Statistics of TCP Cubic

Start at: 2018-08-10 04:35:26
End at: 2018-08-10 04:35:56
Local clock offset: 1.914 ms
Remote clock offset: -109.27 ms

Below is generated by plot.py at 2018-08-10 04:51:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 24.607 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 64.77 Mbit/s
95th percentile per-packet one-way delay: 24.452 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.18 Mbit/s
95th percentile per-packet one-way delay: 24.991 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 24.803 ms
Loss rate: 0.33%

Run 10: Report of TCP Cubic — Data Link

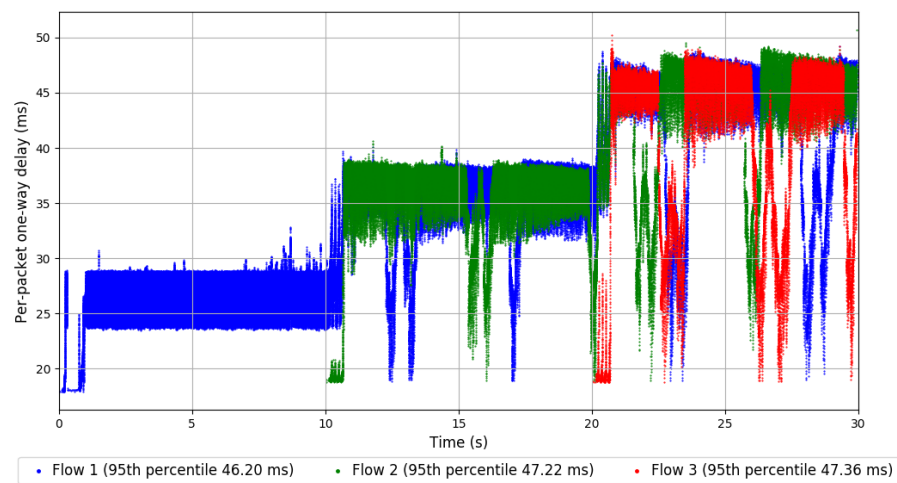
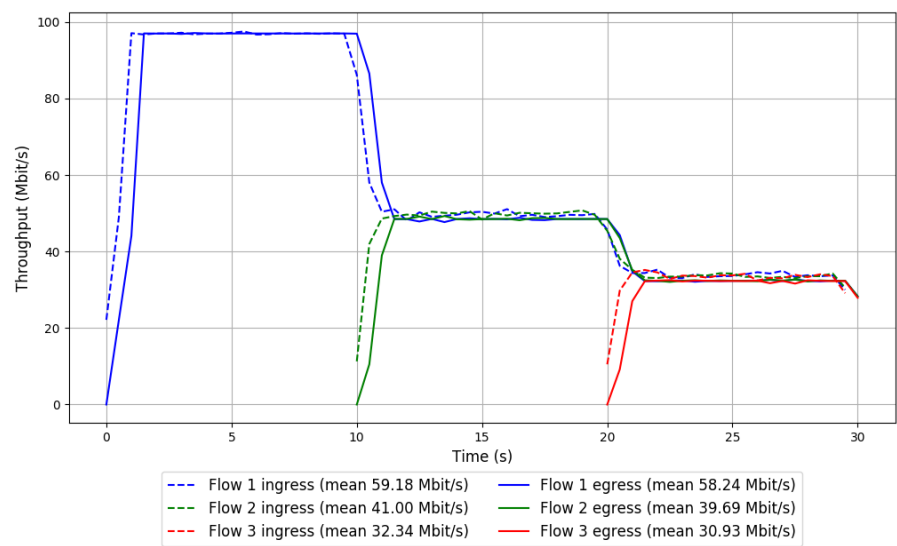


Run 1: Statistics of FillP

Start at: 2018-08-10 01:22:39
End at: 2018-08-10 01:23:09
Local clock offset: 0.814 ms
Remote clock offset: -6.585 ms

Below is generated by plot.py at 2018-08-10 04:52:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 46.863 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 58.24 Mbit/s
95th percentile per-packet one-way delay: 46.205 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 47.223 ms
Loss rate: 3.35%
-- Flow 3:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 47.356 ms
Loss rate: 4.62%

Run 1: Report of FillP — Data Link

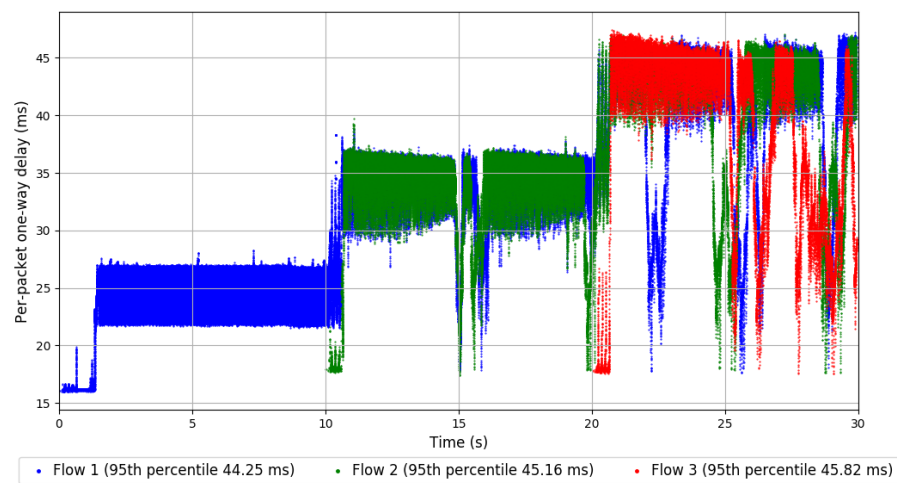
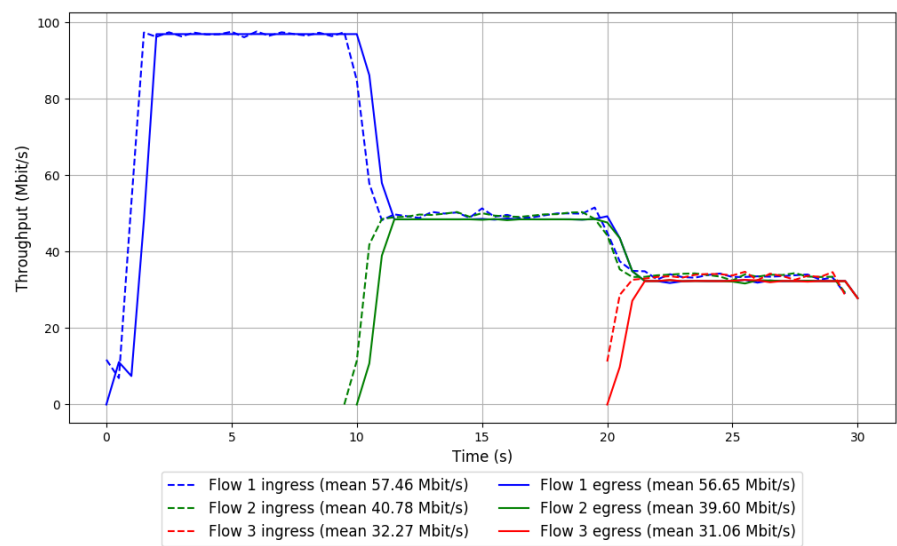


Run 2: Statistics of FillP

Start at: 2018-08-10 01:43:07
End at: 2018-08-10 01:43:37
Local clock offset: -1.063 ms
Remote clock offset: -7.999 ms

Below is generated by plot.py at 2018-08-10 04:52:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 44.997 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 56.65 Mbit/s
95th percentile per-packet one-way delay: 44.246 ms
Loss rate: 1.55%
-- Flow 2:
Average throughput: 39.60 Mbit/s
95th percentile per-packet one-way delay: 45.165 ms
Loss rate: 3.10%
-- Flow 3:
Average throughput: 31.06 Mbit/s
95th percentile per-packet one-way delay: 45.816 ms
Loss rate: 3.97%

Run 2: Report of FillP — Data Link

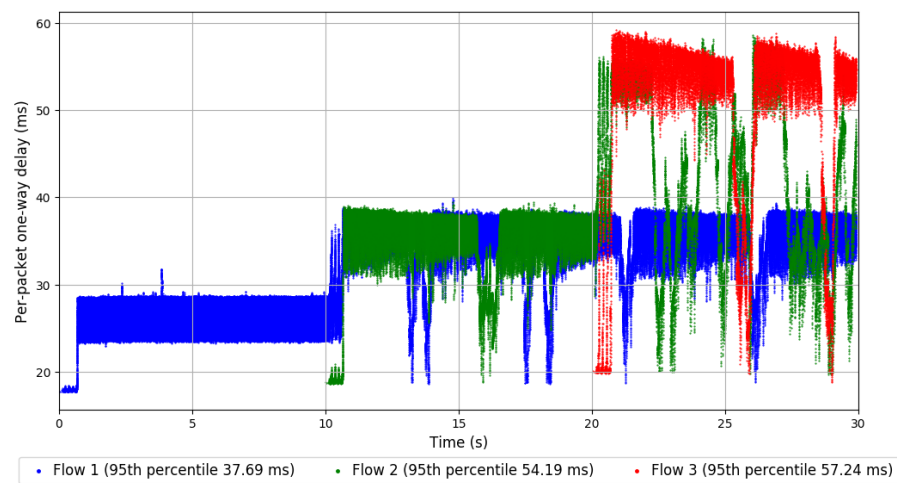
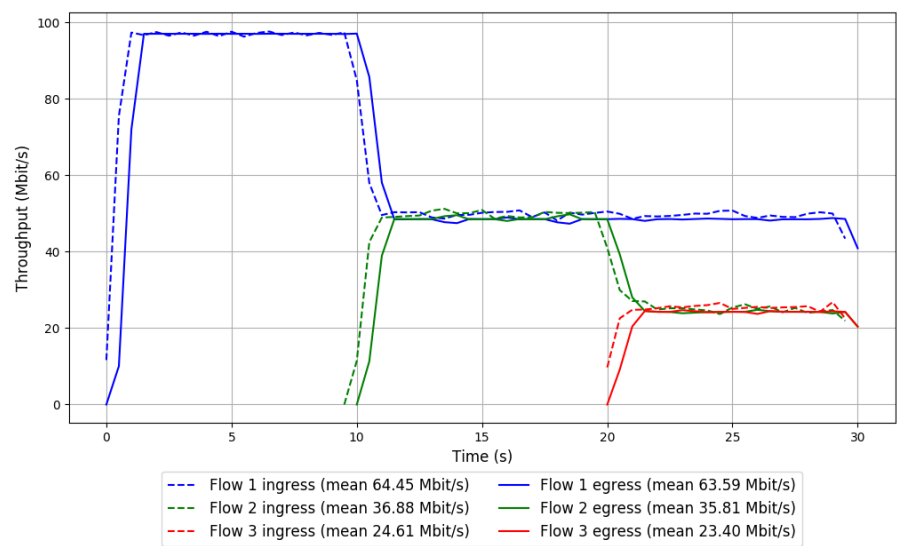


Run 3: Statistics of FillP

Start at: 2018-08-10 02:03:21
End at: 2018-08-10 02:03:51
Local clock offset: 0.604 ms
Remote clock offset: -6.942 ms

Below is generated by plot.py at 2018-08-10 04:52:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.16 Mbit/s
95th percentile per-packet one-way delay: 54.375 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 63.59 Mbit/s
95th percentile per-packet one-way delay: 37.692 ms
Loss rate: 1.46%
-- Flow 2:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 54.186 ms
Loss rate: 3.04%
-- Flow 3:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 57.240 ms
Loss rate: 5.20%

Run 3: Report of FillP — Data Link

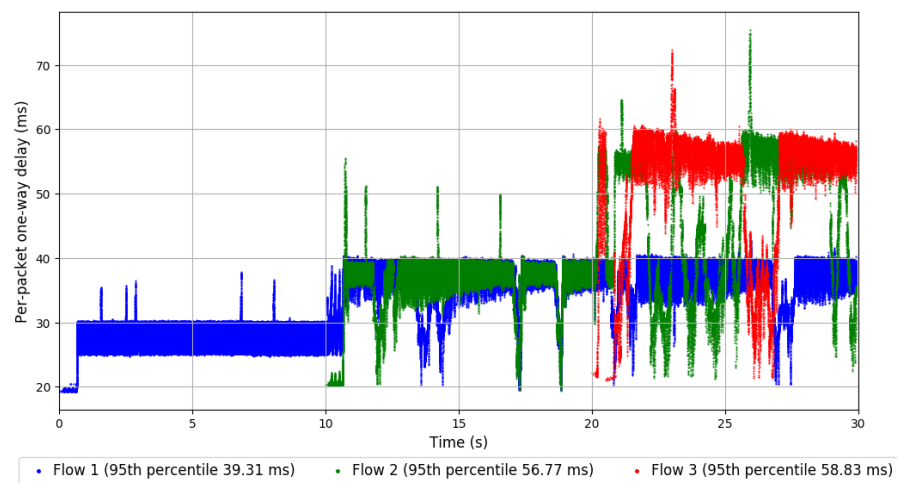
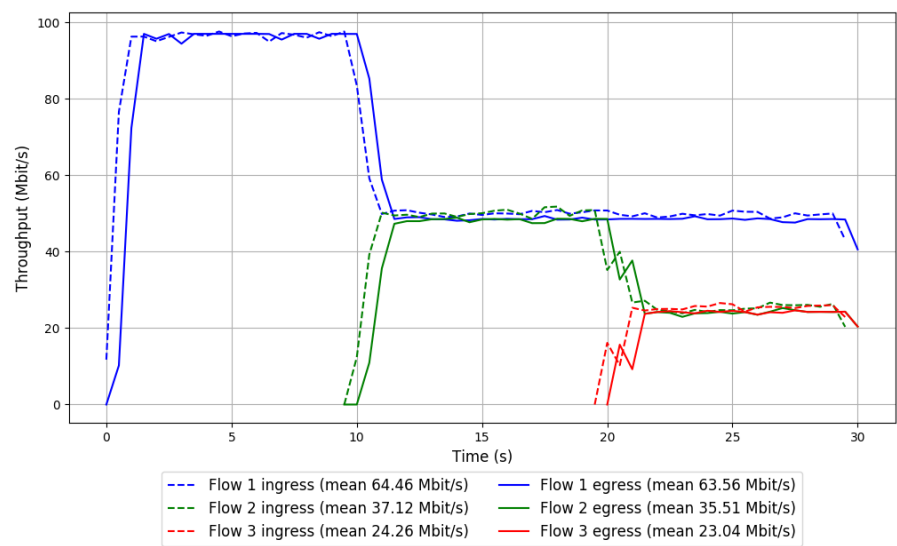


Run 4: Statistics of FillP

Start at: 2018-08-10 02:23:30
End at: 2018-08-10 02:24:00
Local clock offset: 1.388 ms
Remote clock offset: -6.928 ms

Below is generated by plot.py at 2018-08-10 04:52:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.85 Mbit/s
95th percentile per-packet one-way delay: 56.204 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 63.56 Mbit/s
95th percentile per-packet one-way delay: 39.313 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 56.773 ms
Loss rate: 4.48%
-- Flow 3:
Average throughput: 23.04 Mbit/s
95th percentile per-packet one-way delay: 58.827 ms
Loss rate: 5.32%

Run 4: Report of FillP — Data Link

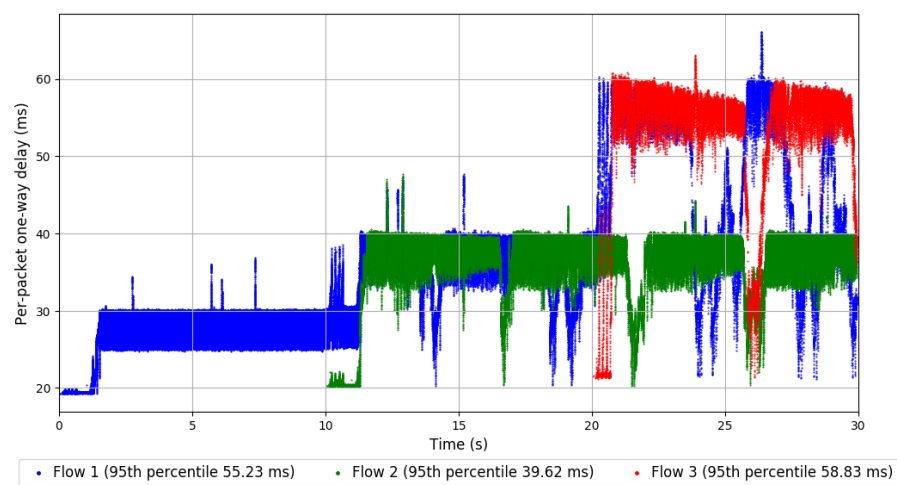
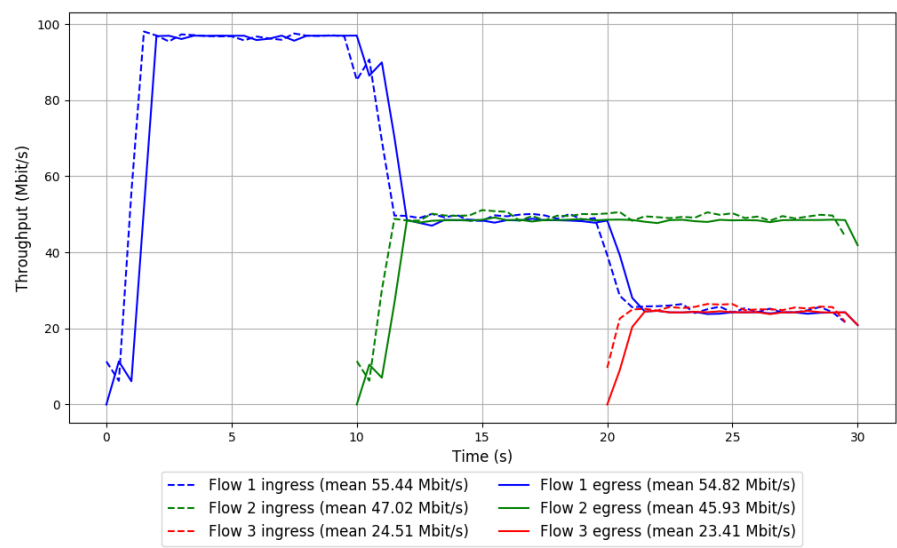


Run 5: Statistics of FillP

Start at: 2018-08-10 02:43:57
End at: 2018-08-10 02:44:27
Local clock offset: 1.784 ms
Remote clock offset: -3.822 ms

Below is generated by plot.py at 2018-08-10 04:52:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 56.583 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 54.82 Mbit/s
95th percentile per-packet one-way delay: 55.228 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 39.622 ms
Loss rate: 2.46%
-- Flow 3:
Average throughput: 23.41 Mbit/s
95th percentile per-packet one-way delay: 58.832 ms
Loss rate: 4.73%

Run 5: Report of FillP — Data Link

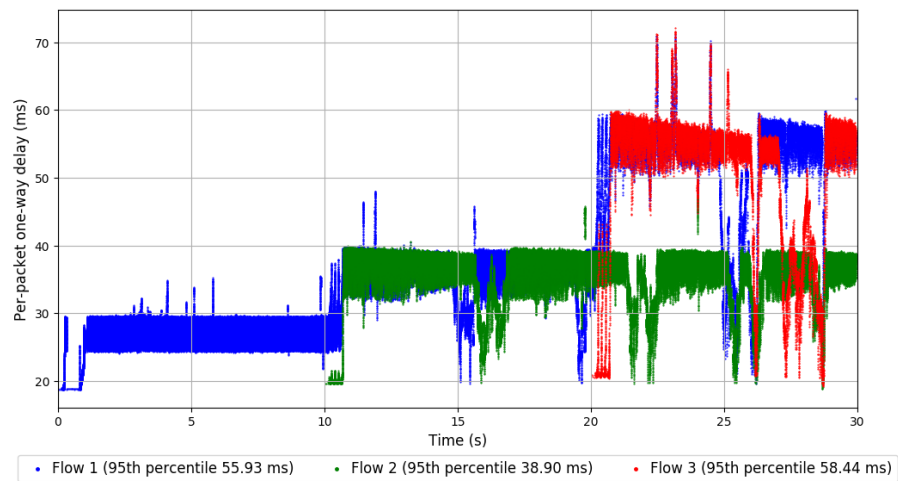
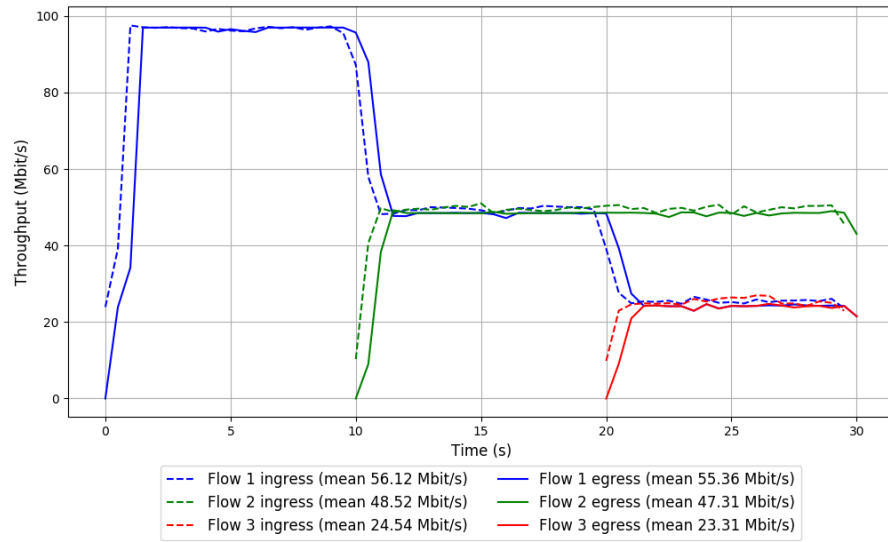


Run 6: Statistics of FillP

Start at: 2018-08-10 03:04:16
End at: 2018-08-10 03:04:46
Local clock offset: 1.336 ms
Remote clock offset: -5.275 ms

Below is generated by plot.py at 2018-08-10 04:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 56.104 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 55.36 Mbit/s
95th percentile per-packet one-way delay: 55.926 ms
Loss rate: 1.46%
-- Flow 2:
Average throughput: 47.31 Mbit/s
95th percentile per-packet one-way delay: 38.898 ms
Loss rate: 2.68%
-- Flow 3:
Average throughput: 23.31 Mbit/s
95th percentile per-packet one-way delay: 58.444 ms
Loss rate: 5.49%

Run 6: Report of FillP — Data Link

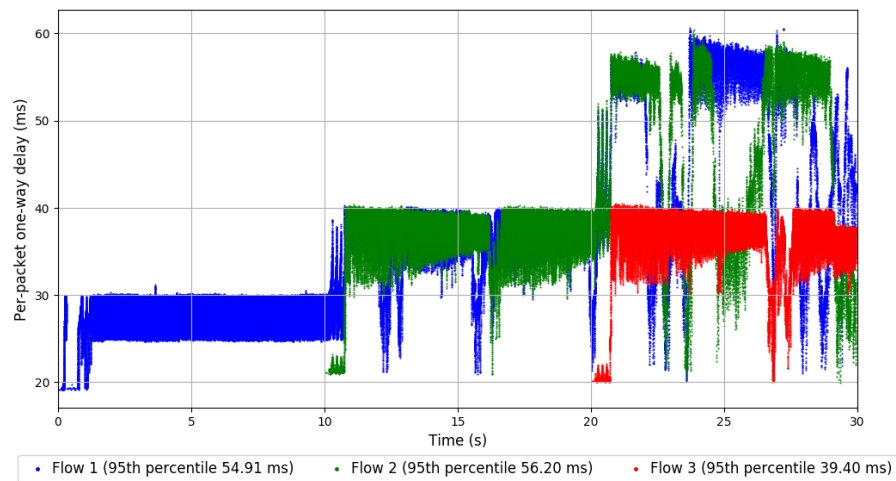
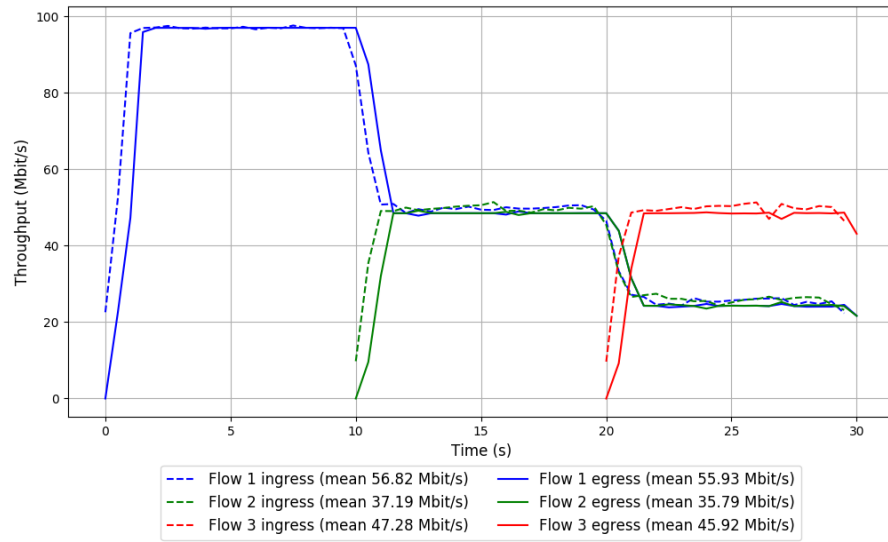


Run 7: Statistics of FillP

Start at: 2018-08-10 03:24:34
End at: 2018-08-10 03:25:04
Local clock offset: 1.016 ms
Remote clock offset: -6.501 ms

Below is generated by plot.py at 2018-08-10 04:52:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 55.232 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 54.906 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 56.198 ms
Loss rate: 3.91%
-- Flow 3:
Average throughput: 45.92 Mbit/s
95th percentile per-packet one-way delay: 39.397 ms
Loss rate: 3.29%

Run 7: Report of FillP — Data Link

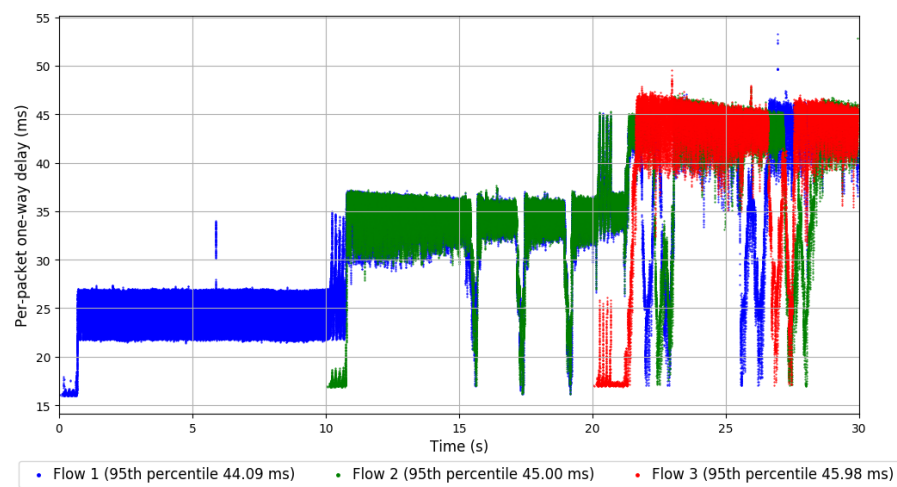
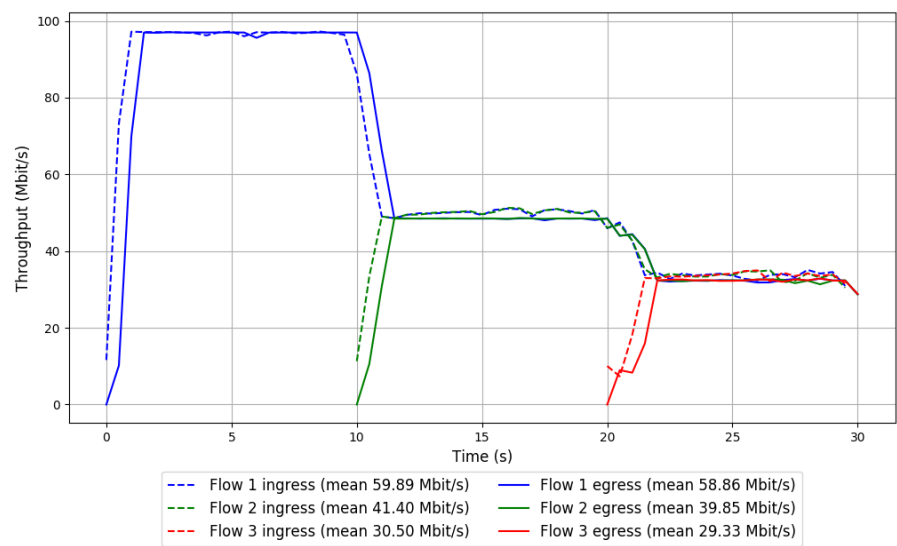


Run 8: Statistics of FillP

Start at: 2018-08-10 03:44:38
End at: 2018-08-10 03:45:08
Local clock offset: -1.265 ms
Remote clock offset: -6.741 ms

Below is generated by plot.py at 2018-08-10 04:52:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 45.012 ms
Loss rate: 2.65%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 44.085 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 44.999 ms
Loss rate: 3.90%
-- Flow 3:
Average throughput: 29.33 Mbit/s
95th percentile per-packet one-way delay: 45.981 ms
Loss rate: 4.24%

Run 8: Report of FillP — Data Link

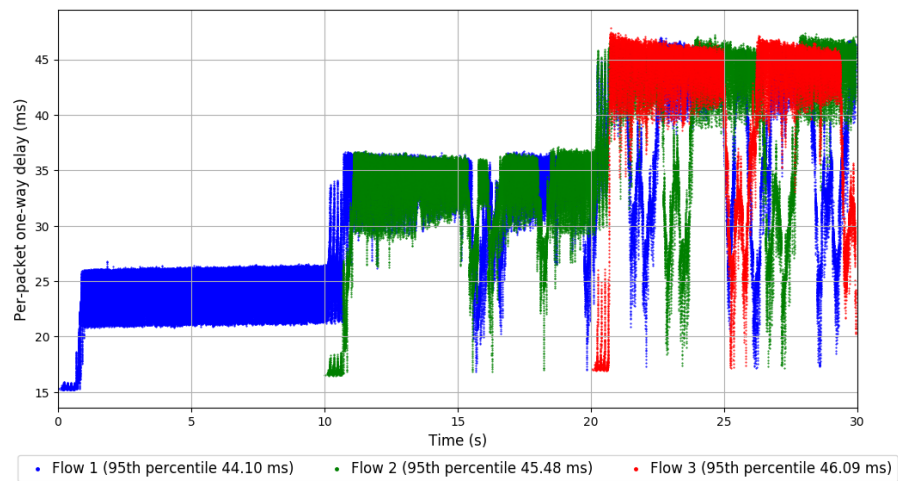
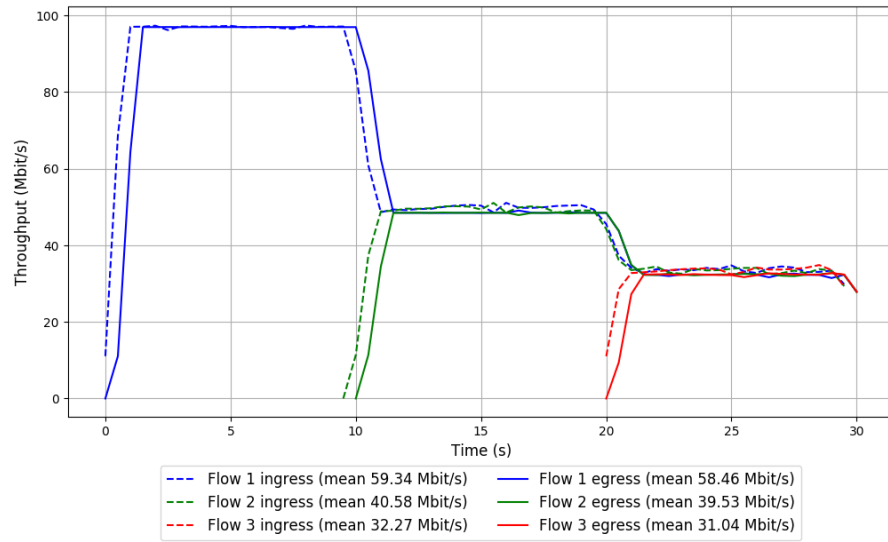


Run 9: Statistics of FillP

Start at: 2018-08-10 04:04:41
End at: 2018-08-10 04:05:11
Local clock offset: 0.935 ms
Remote clock offset: -96.021 ms

Below is generated by plot.py at 2018-08-10 04:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 45.308 ms
Loss rate: 2.18%
-- Flow 1:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 44.099 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 39.53 Mbit/s
95th percentile per-packet one-way delay: 45.478 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 46.095 ms
Loss rate: 3.98%

Run 9: Report of FillP — Data Link

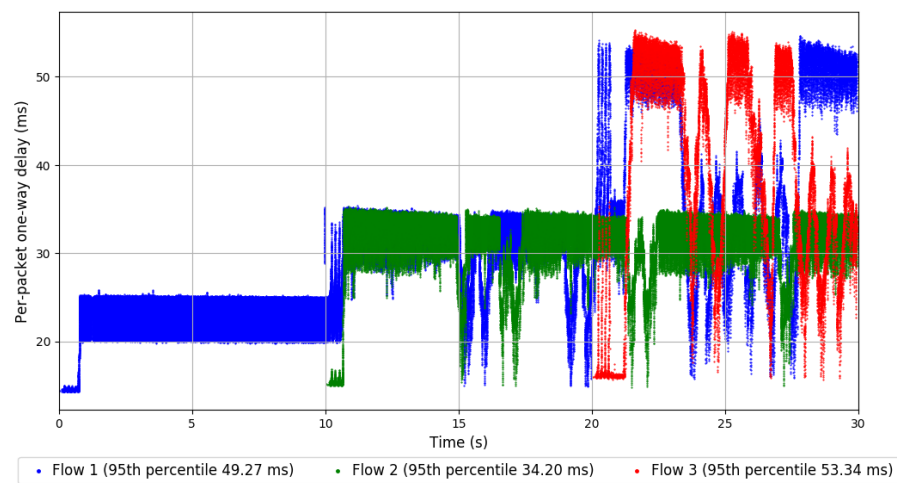
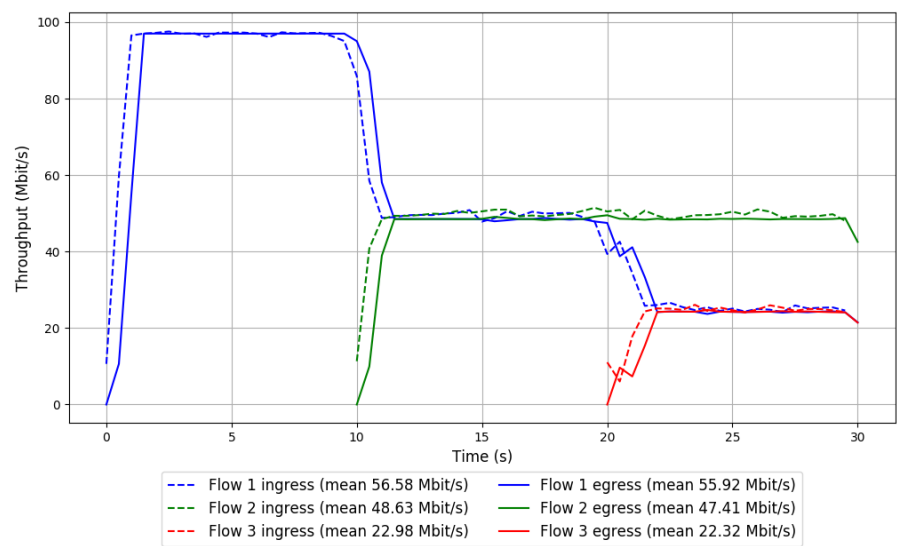


Run 10: Statistics of FillP

Start at: 2018-08-10 04:24:52
End at: 2018-08-10 04:25:22
Local clock offset: -0.323 ms
Remote clock offset: -95.649 ms

Below is generated by plot.py at 2018-08-10 04:53:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 49.725 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 49.275 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 47.41 Mbit/s
95th percentile per-packet one-way delay: 34.199 ms
Loss rate: 2.84%
-- Flow 3:
Average throughput: 22.32 Mbit/s
95th percentile per-packet one-way delay: 53.341 ms
Loss rate: 3.47%

Run 10: Report of FillP — Data Link

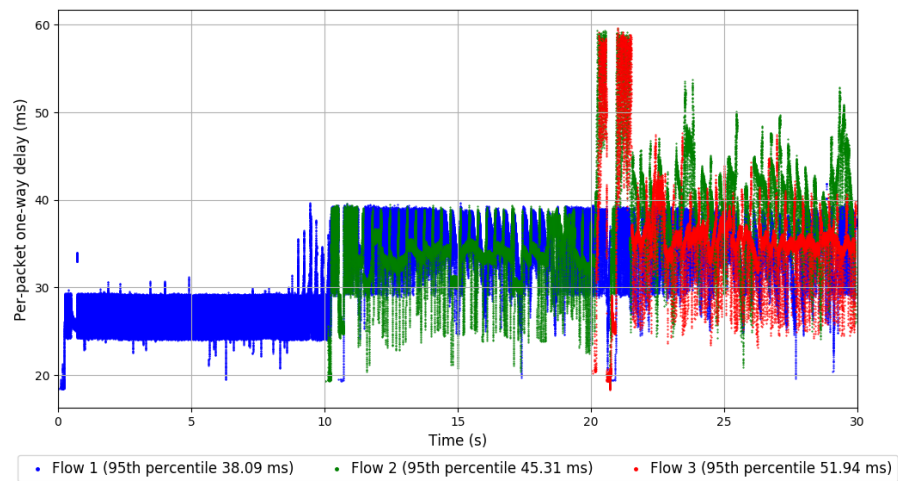
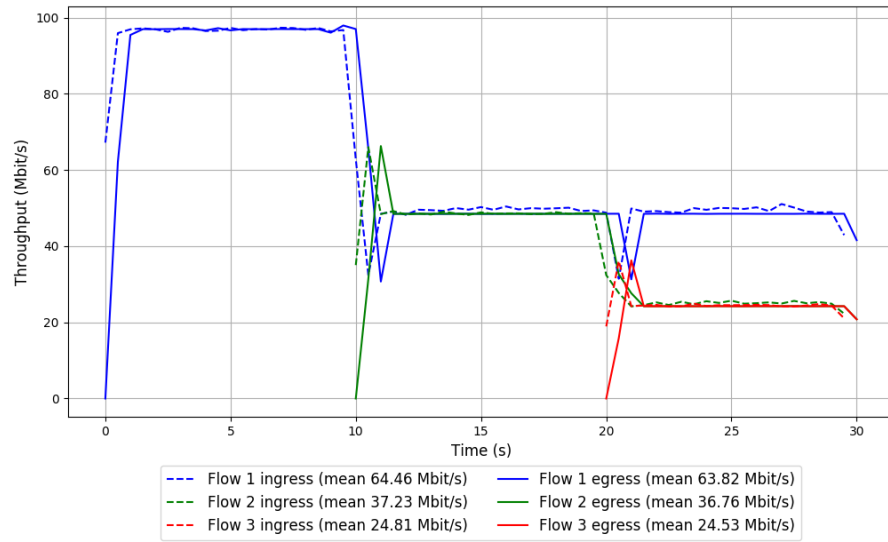


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-10 01:24:55
End at: 2018-08-10 01:25:25
Local clock offset: 1.597 ms
Remote clock offset: -6.629 ms

Below is generated by plot.py at 2018-08-10 04:53:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 40.093 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 63.82 Mbit/s
95th percentile per-packet one-way delay: 38.088 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 36.76 Mbit/s
95th percentile per-packet one-way delay: 45.309 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 51.940 ms
Loss rate: 1.33%

Run 1: Report of FillP-Sheep — Data Link

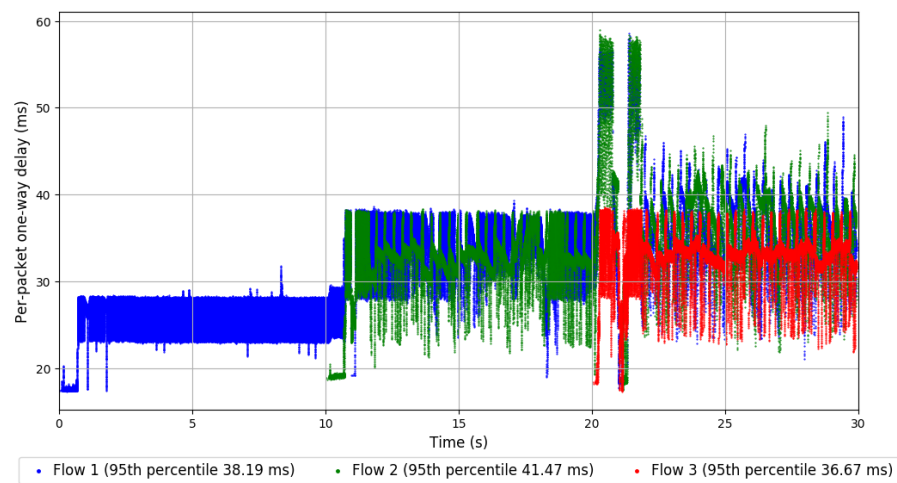
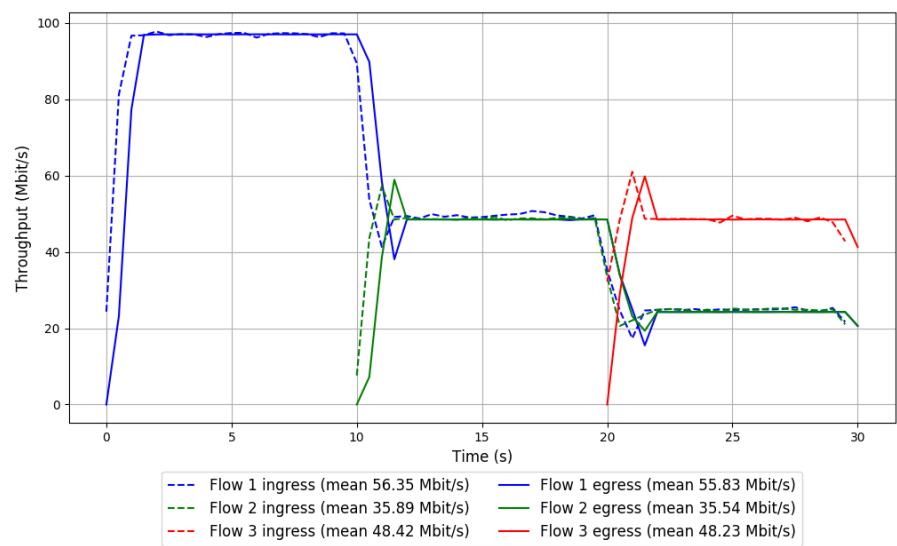


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-10 01:45:24
End at: 2018-08-10 01:45:54
Local clock offset: 0.642 ms
Remote clock offset: -7.684 ms

Below is generated by plot.py at 2018-08-10 04:53:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 38.945 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 55.83 Mbit/s
95th percentile per-packet one-way delay: 38.192 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 41.474 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 48.23 Mbit/s
95th percentile per-packet one-way delay: 36.671 ms
Loss rate: 0.68%

Run 2: Report of FillP-Sheep — Data Link

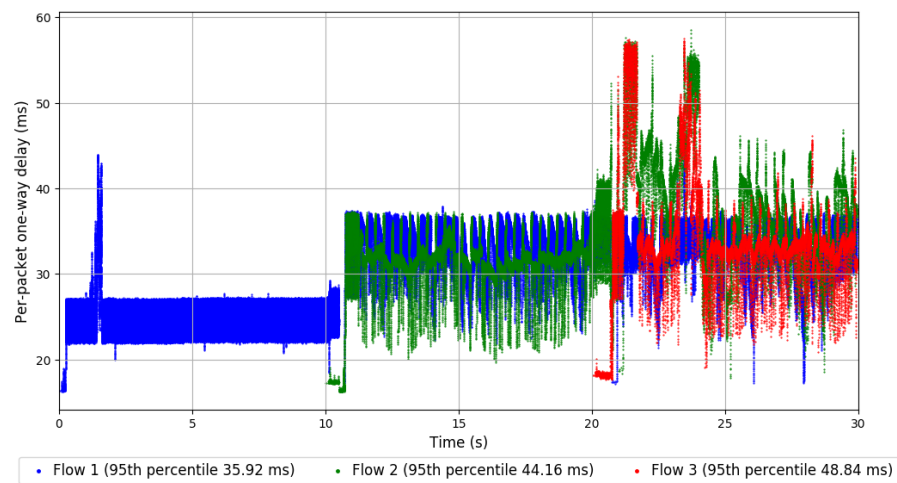
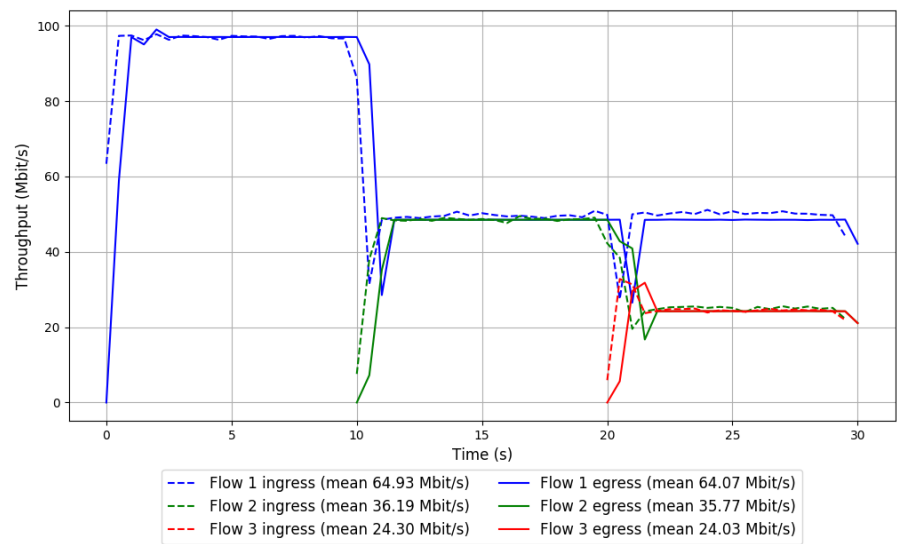


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-10 02:05:36
End at: 2018-08-10 02:06:06
Local clock offset: 0.07 ms
Remote clock offset: -6.011 ms

Below is generated by plot.py at 2018-08-10 04:53:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 38.427 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 64.07 Mbit/s
95th percentile per-packet one-way delay: 35.922 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 35.77 Mbit/s
95th percentile per-packet one-way delay: 44.163 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 48.839 ms
Loss rate: 1.45%

Run 3: Report of FillP-Sheep — Data Link

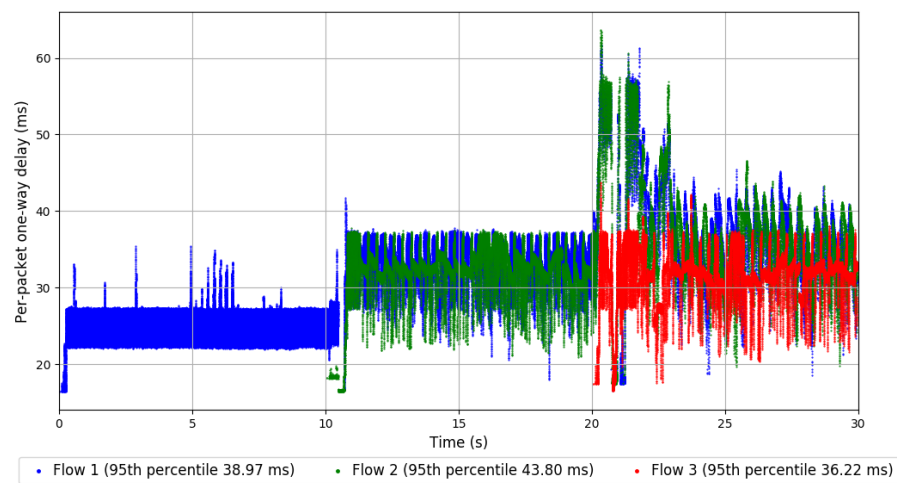
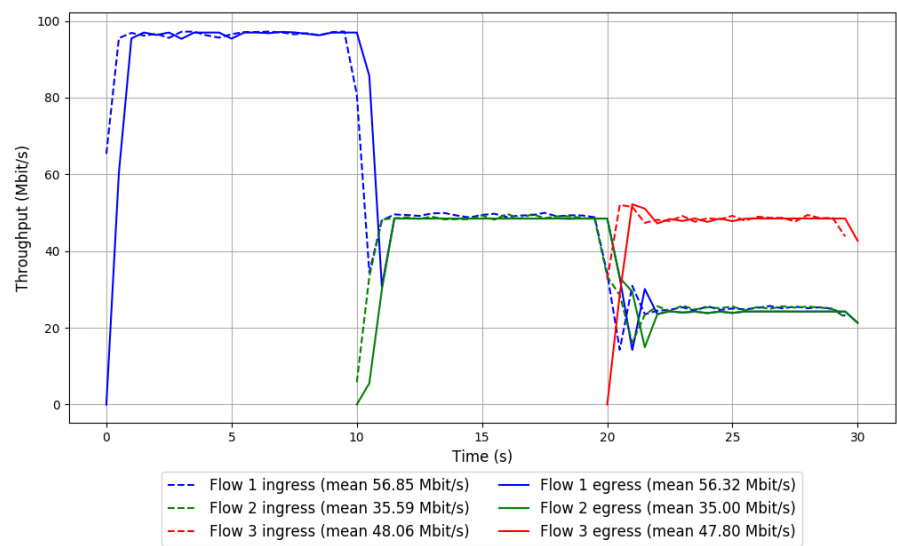


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-10 02:25:53
End at: 2018-08-10 02:26:23
Local clock offset: -0.195 ms
Remote clock offset: -5.057 ms

Below is generated by plot.py at 2018-08-10 04:53:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.41 Mbit/s
95th percentile per-packet one-way delay: 39.379 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 56.32 Mbit/s
95th percentile per-packet one-way delay: 38.966 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 35.00 Mbit/s
95th percentile per-packet one-way delay: 43.800 ms
Loss rate: 1.76%
-- Flow 3:
Average throughput: 47.80 Mbit/s
95th percentile per-packet one-way delay: 36.221 ms
Loss rate: 0.83%

Run 4: Report of FillP-Sheep — Data Link

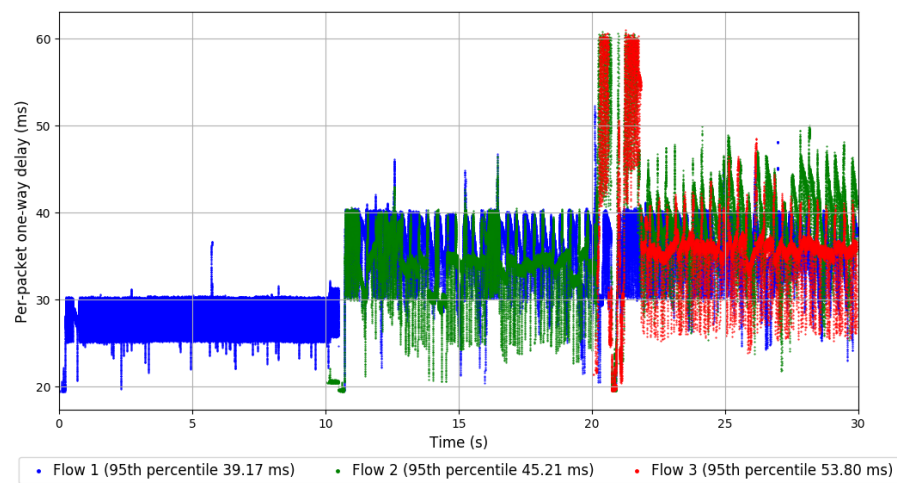
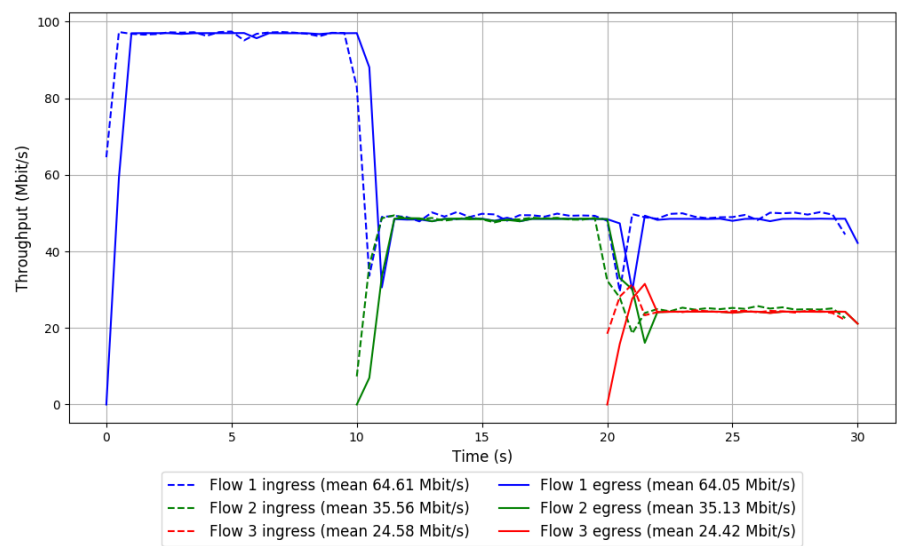


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-10 02:46:12
End at: 2018-08-10 02:46:42
Local clock offset: 1.008 ms
Remote clock offset: -4.562 ms

Below is generated by plot.py at 2018-08-10 04:53:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 40.556 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 64.05 Mbit/s
95th percentile per-packet one-way delay: 39.174 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 45.214 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 53.797 ms
Loss rate: 0.92%

Run 5: Report of FillP-Sheep — Data Link

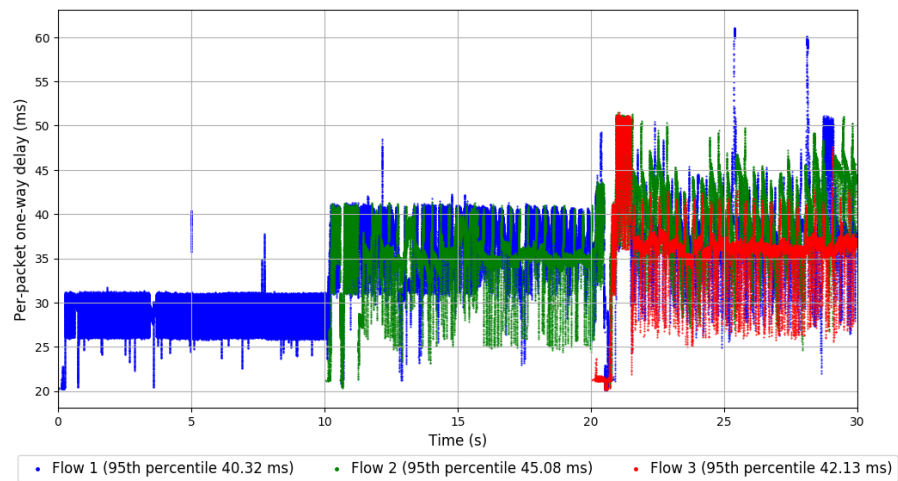
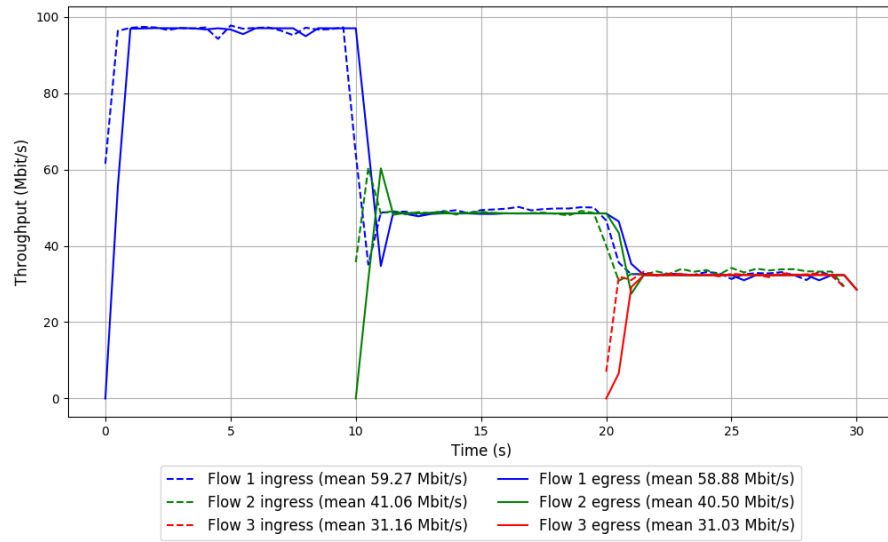


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-10 03:06:37
End at: 2018-08-10 03:07:07
Local clock offset: 3.829 ms
Remote clock offset: -4.736 ms

Below is generated by plot.py at 2018-08-10 04:53:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 43.008 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 58.88 Mbit/s
95th percentile per-packet one-way delay: 40.323 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 45.080 ms
Loss rate: 1.51%
-- Flow 3:
Average throughput: 31.03 Mbit/s
95th percentile per-packet one-way delay: 42.133 ms
Loss rate: 0.73%

Run 6: Report of FillP-Sheep — Data Link

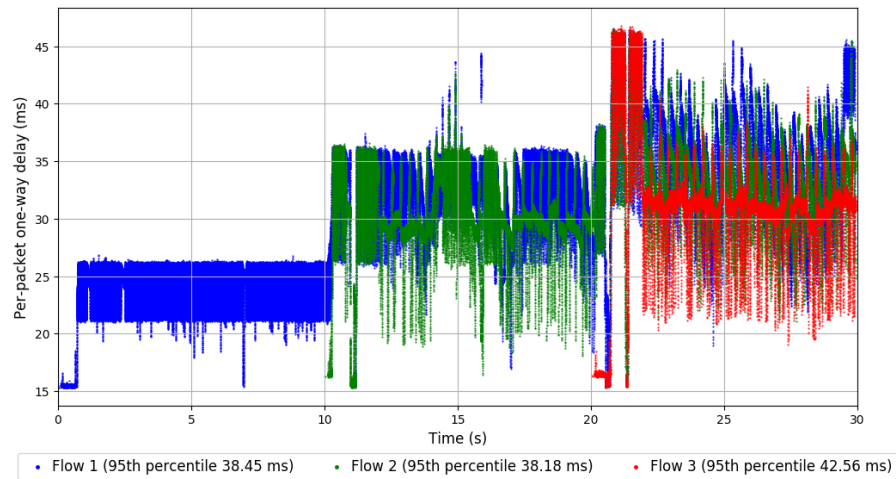
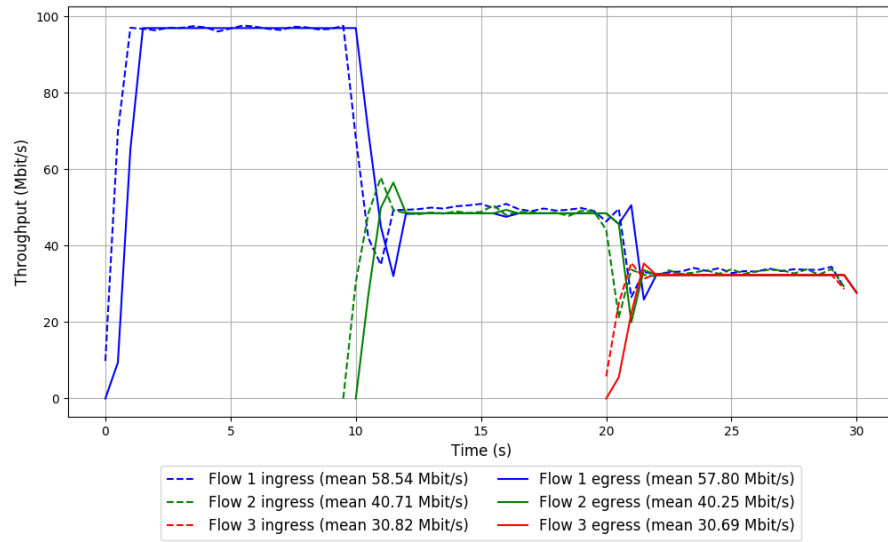


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-10 03:26:50
End at: 2018-08-10 03:27:20
Local clock offset: -1.697 ms
Remote clock offset: -7.038 ms

Below is generated by plot.py at 2018-08-10 04:54:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.75 Mbit/s
95th percentile per-packet one-way delay: 38.676 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 38.454 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 40.25 Mbit/s
95th percentile per-packet one-way delay: 38.179 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 42.560 ms
Loss rate: 0.73%

Run 7: Report of FillP-Sheep — Data Link

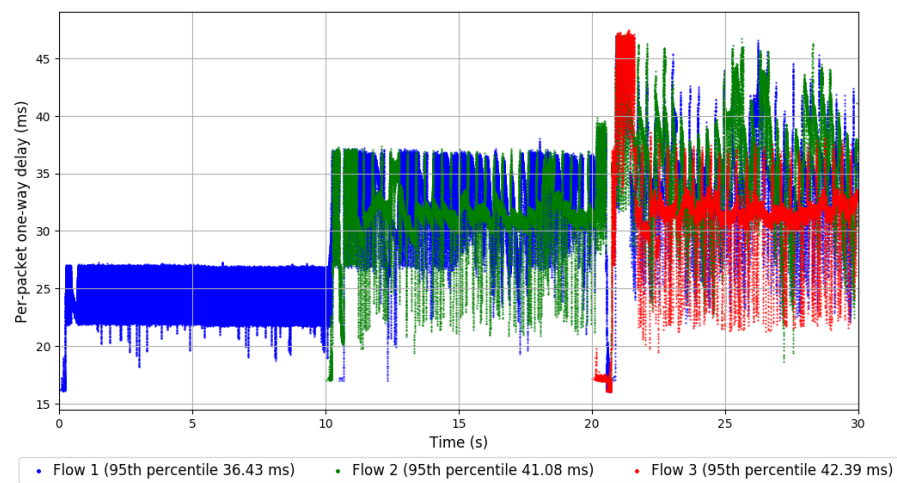
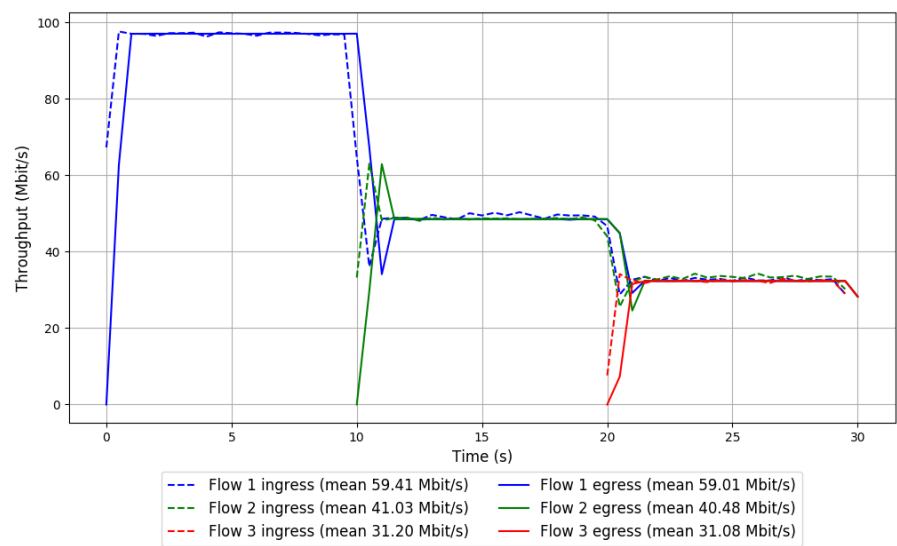


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-10 03:46:52
End at: 2018-08-10 03:47:22
Local clock offset: -1.37 ms
Remote clock offset: -7.321 ms

Below is generated by plot.py at 2018-08-10 04:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 38.927 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 59.01 Mbit/s
95th percentile per-packet one-way delay: 36.433 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 41.084 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 42.386 ms
Loss rate: 0.64%

Run 8: Report of FillP-Sheep — Data Link

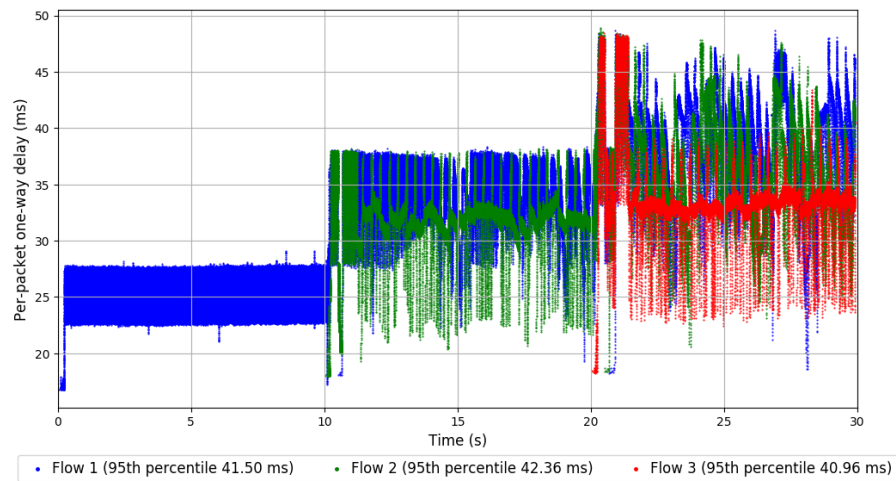
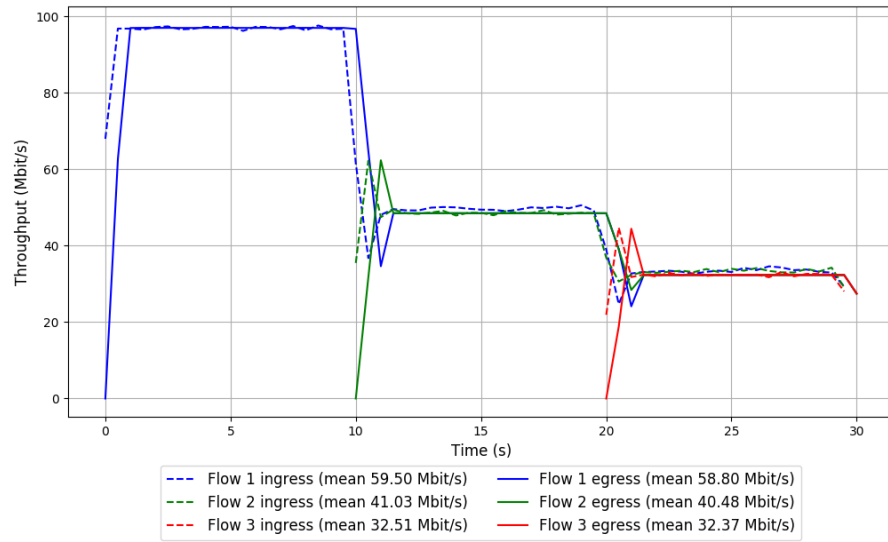


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-10 04:06:57
End at: 2018-08-10 04:07:27
Local clock offset: 0.264 ms
Remote clock offset: -93.701 ms

Below is generated by plot.py at 2018-08-10 04:55:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 41.748 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 41.502 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 42.361 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 32.37 Mbit/s
95th percentile per-packet one-way delay: 40.956 ms
Loss rate: 0.68%

Run 9: Report of FillP-Sheep — Data Link

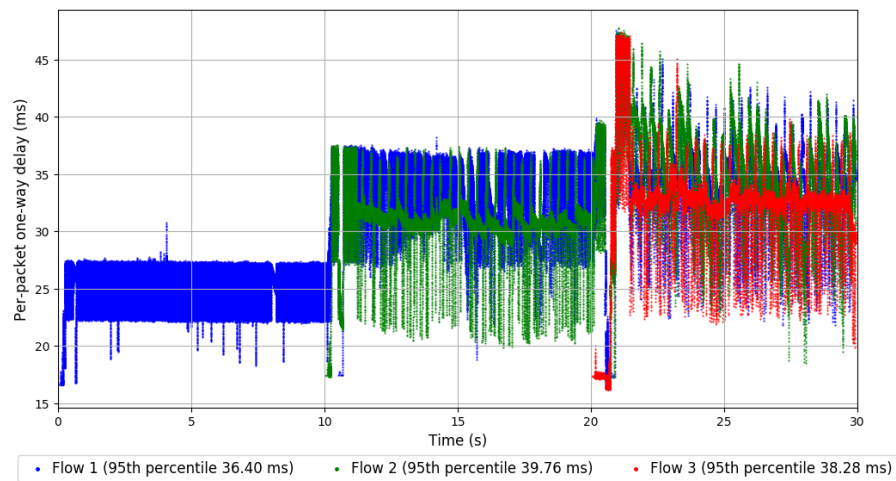
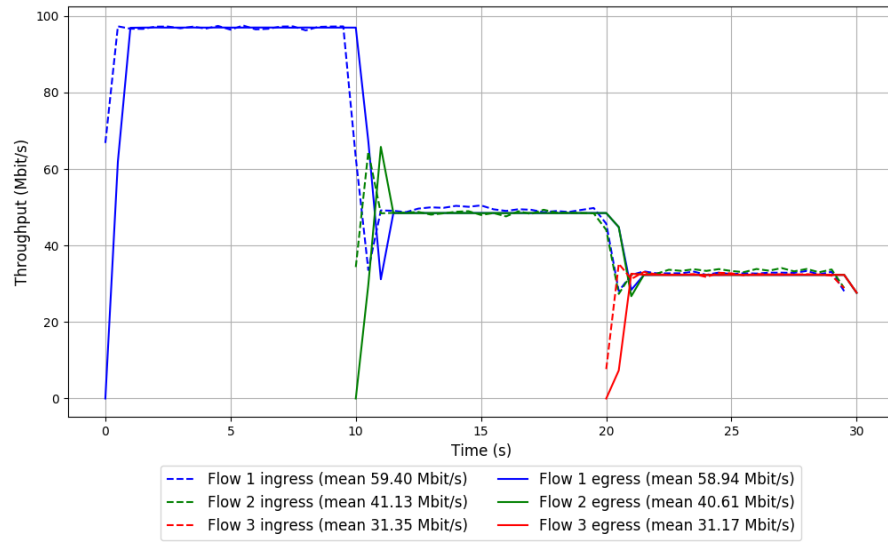


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-10 04:27:08
End at: 2018-08-10 04:27:38
Local clock offset: 0.855 ms
Remote clock offset: -99.421 ms

Below is generated by plot.py at 2018-08-10 04:55:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 37.675 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 36.399 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 40.61 Mbit/s
95th percentile per-packet one-way delay: 39.755 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 38.279 ms
Loss rate: 0.85%

Run 10: Report of FillP-Sheep — Data Link

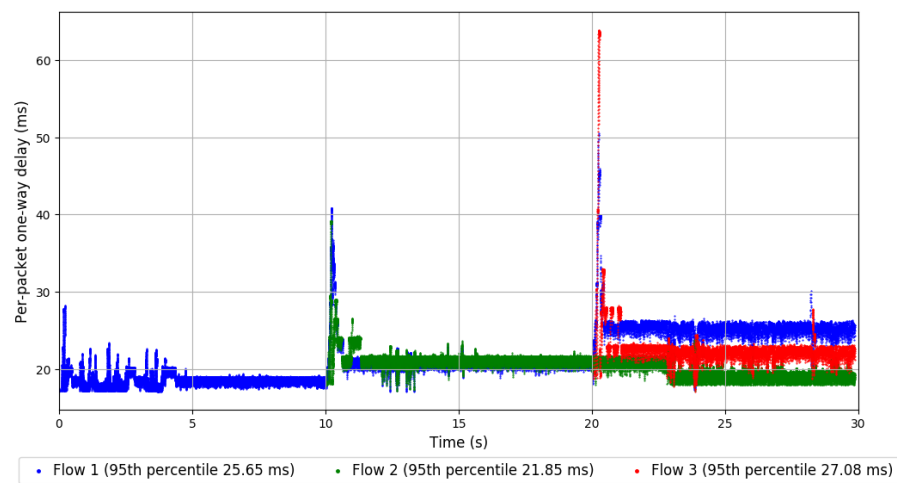
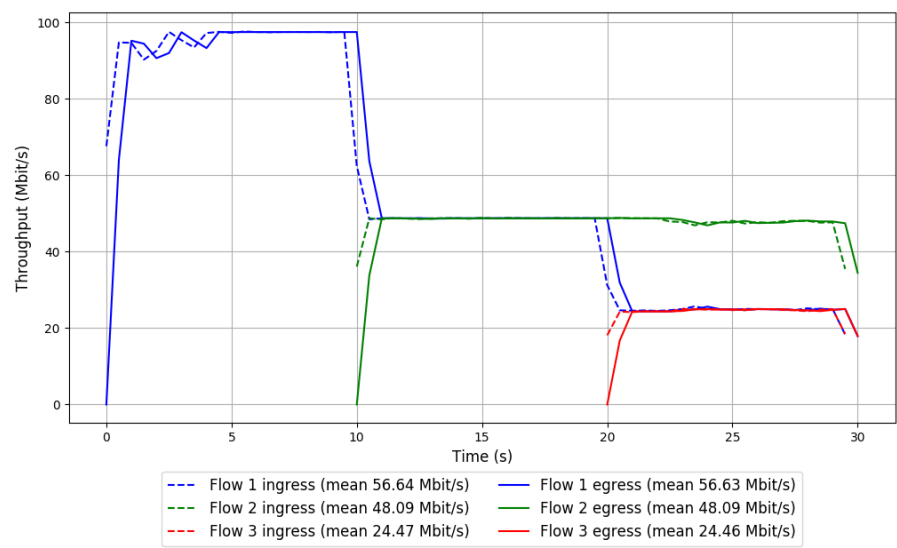


Run 1: Statistics of Indigo

Start at: 2018-08-10 01:26:07
End at: 2018-08-10 01:26:37
Local clock offset: -0.4 ms
Remote clock offset: -7.399 ms

Below is generated by plot.py at 2018-08-10 04:55:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 25.468 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 56.63 Mbit/s
95th percentile per-packet one-way delay: 25.648 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.09 Mbit/s
95th percentile per-packet one-way delay: 21.846 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 27.083 ms
Loss rate: 0.34%

Run 1: Report of Indigo — Data Link

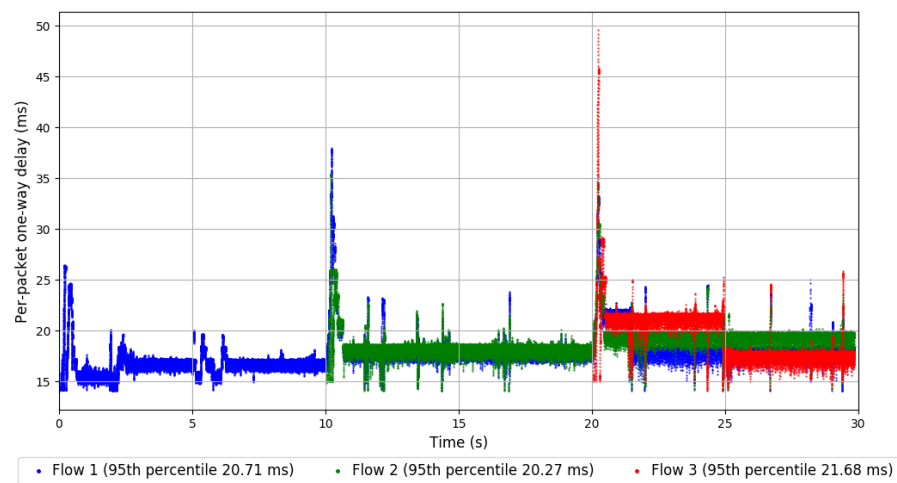
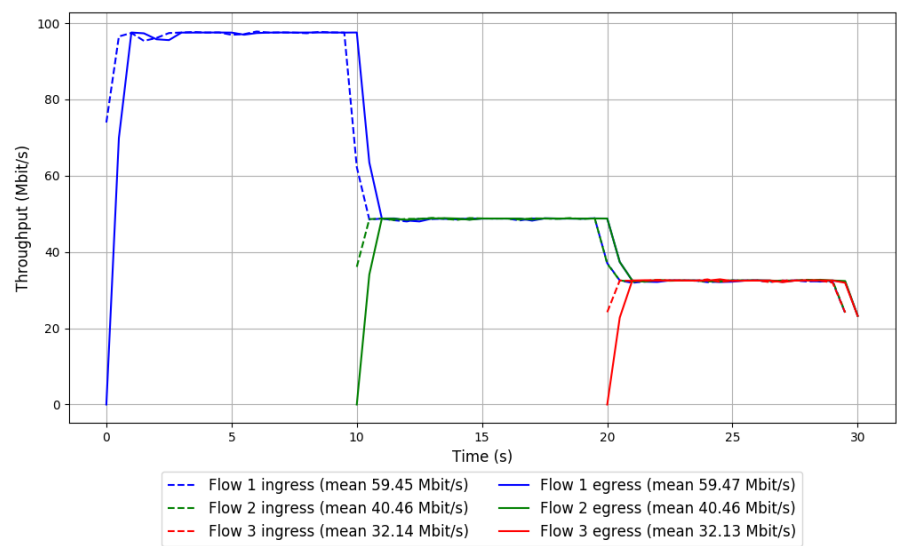


Run 2: Statistics of Indigo

Start at: 2018-08-10 01:46:35
End at: 2018-08-10 01:47:05
Local clock offset: -2.62 ms
Remote clock offset: -7.778 ms

Below is generated by plot.py at 2018-08-10 04:55:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 21.525 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 20.713 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 20.267 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.13 Mbit/s
95th percentile per-packet one-way delay: 21.683 ms
Loss rate: 0.33%

Run 2: Report of Indigo — Data Link

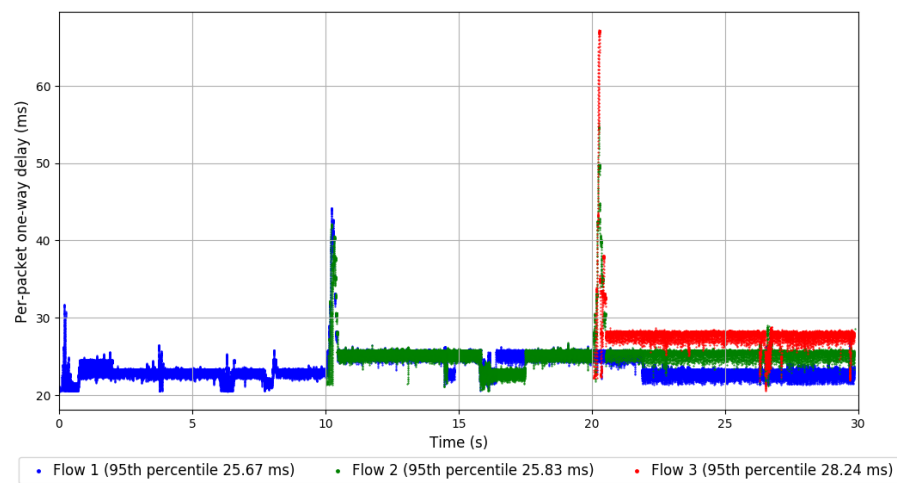
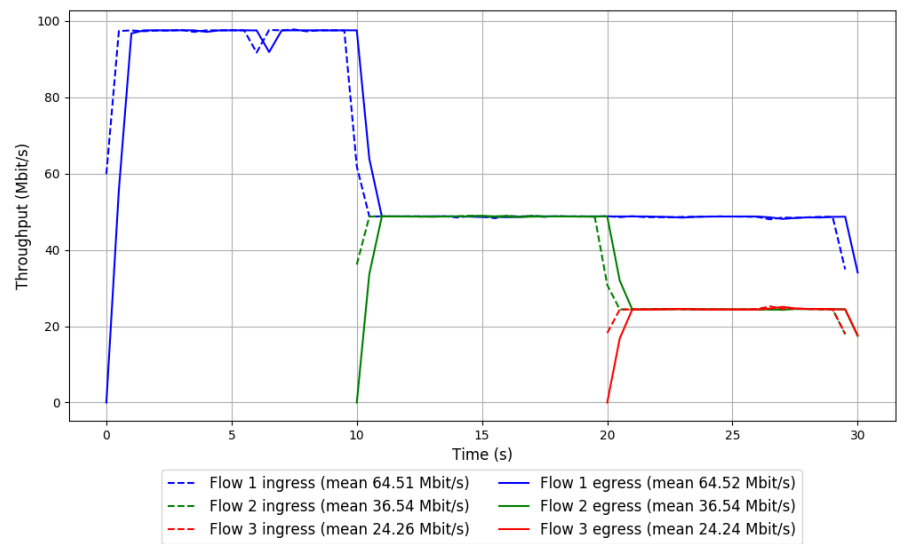


Run 3: Statistics of Indigo

Start at: 2018-08-10 02:06:46
End at: 2018-08-10 02:07:16
Local clock offset: 2.641 ms
Remote clock offset: -7.509 ms

Below is generated by plot.py at 2018-08-10 04:55:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 27.994 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 64.52 Mbit/s
95th percentile per-packet one-way delay: 25.672 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.54 Mbit/s
95th percentile per-packet one-way delay: 25.834 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 28.236 ms
Loss rate: 0.38%

Run 3: Report of Indigo — Data Link

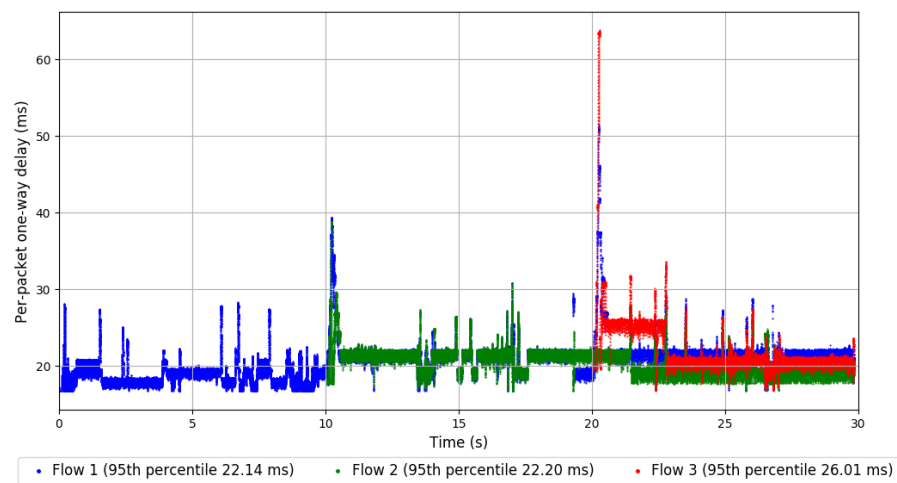
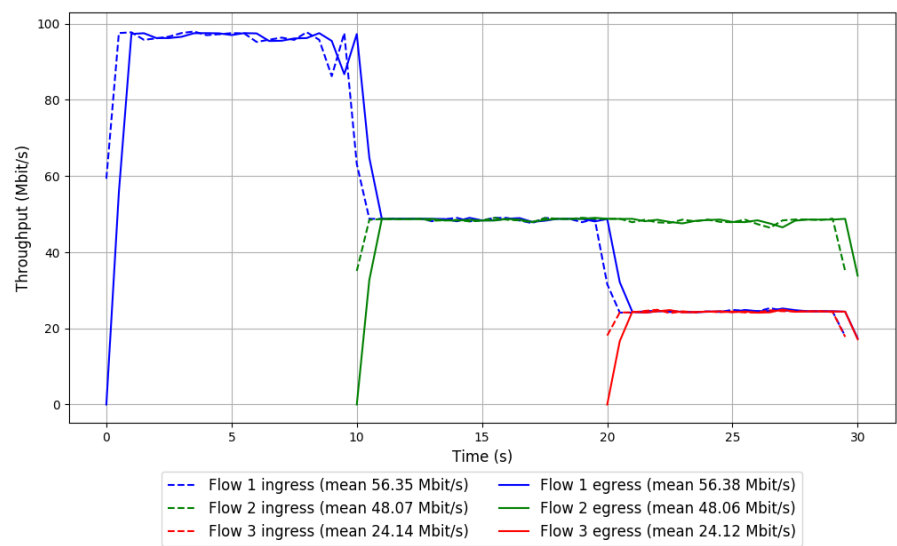


Run 4: Statistics of Indigo

Start at: 2018-08-10 02:27:03
End at: 2018-08-10 02:27:33
Local clock offset: -1.215 ms
Remote clock offset: -5.977 ms

Below is generated by plot.py at 2018-08-10 04:55:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 24.273 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 56.38 Mbit/s
95th percentile per-packet one-way delay: 22.137 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.06 Mbit/s
95th percentile per-packet one-way delay: 22.199 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 26.012 ms
Loss rate: 0.39%

Run 4: Report of Indigo — Data Link

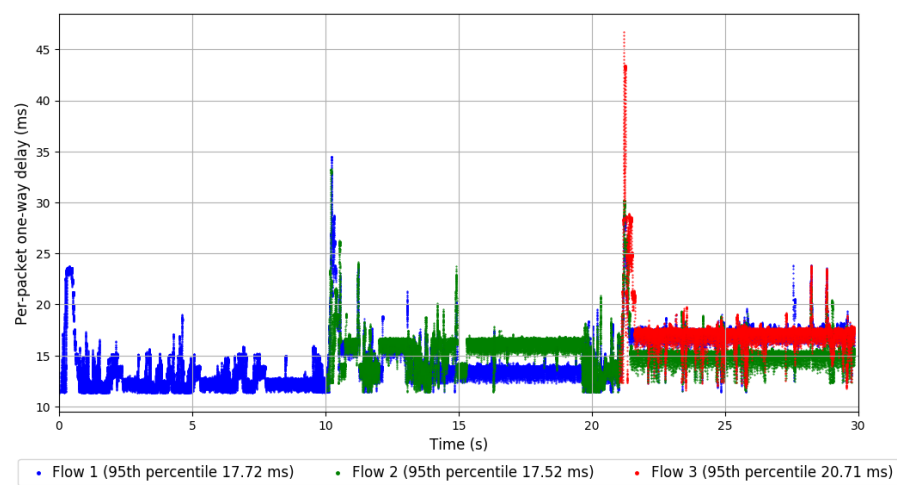
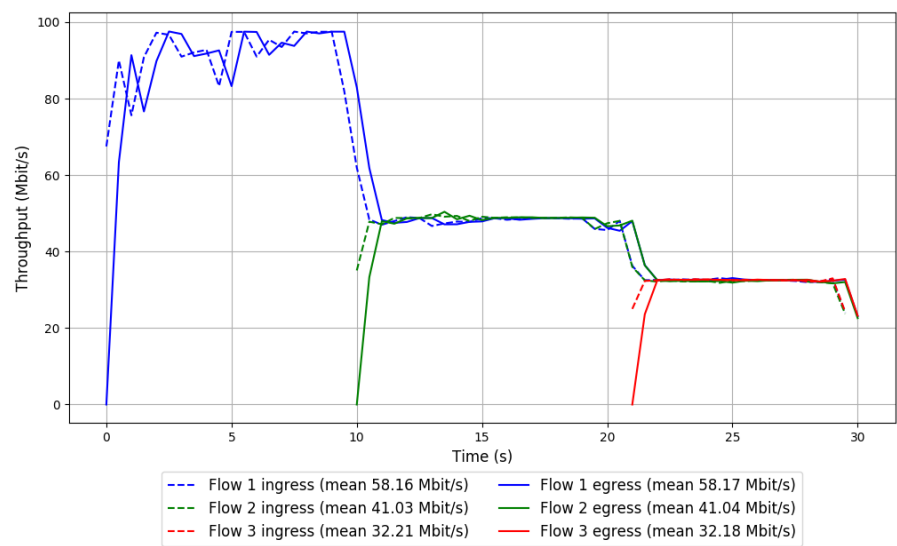


Run 5: Statistics of Indigo

Start at: 2018-08-10 02:47:23
End at: 2018-08-10 02:47:53
Local clock offset: -5.732 ms
Remote clock offset: -2.974 ms

Below is generated by plot.py at 2018-08-10 04:55:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 17.814 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 17.716 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 41.04 Mbit/s
95th percentile per-packet one-way delay: 17.522 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 20.714 ms
Loss rate: 0.39%

Run 5: Report of Indigo — Data Link

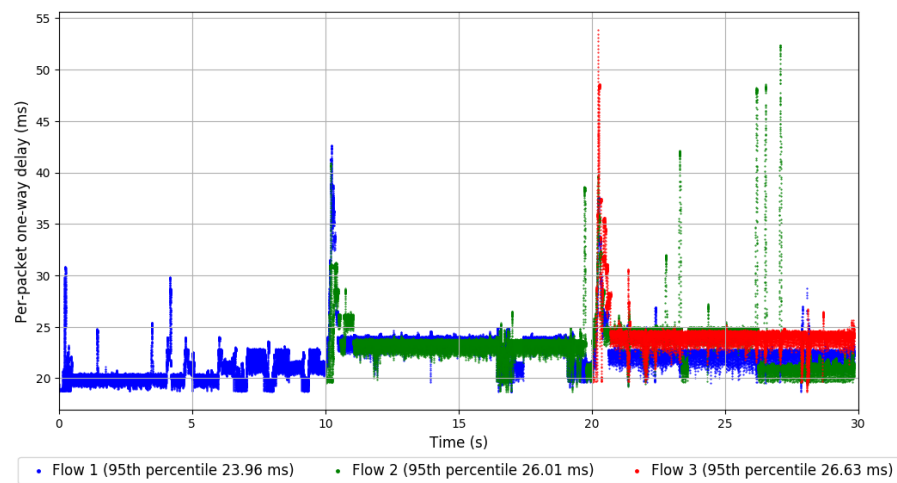
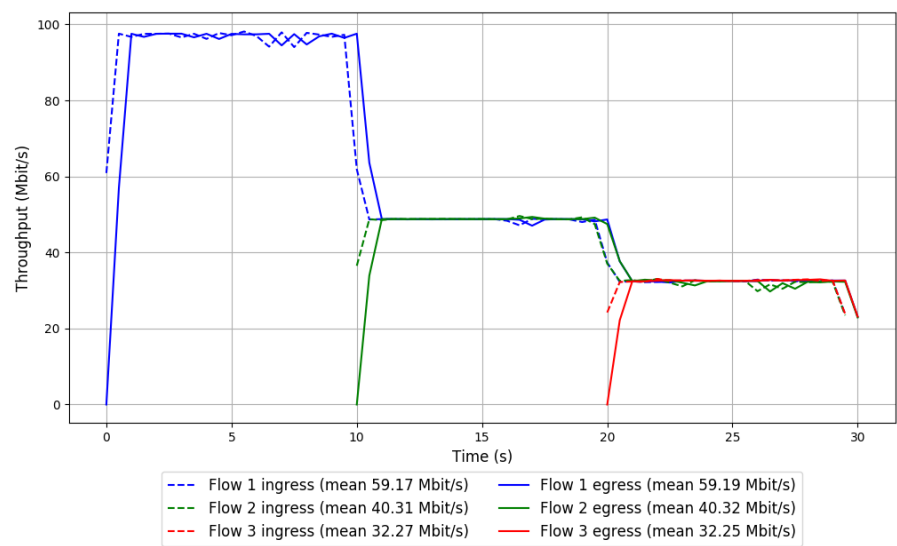


Run 6: Statistics of Indigo

Start at: 2018-08-10 03:07:49
End at: 2018-08-10 03:08:19
Local clock offset: 0.661 ms
Remote clock offset: -6.475 ms

Below is generated by plot.py at 2018-08-10 04:56:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.57 Mbit/s
95th percentile per-packet one-way delay: 24.812 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 23.964 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 26.014 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 26.631 ms
Loss rate: 0.39%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-08-10 03:28:00

End at: 2018-08-10 03:28:30

Local clock offset: 0.746 ms

Remote clock offset: -7.64 ms

Below is generated by plot.py at 2018-08-10 04:56:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.81 Mbit/s

95th percentile per-packet one-way delay: 25.147 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 58.29 Mbit/s

95th percentile per-packet one-way delay: 24.548 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 40.55 Mbit/s

95th percentile per-packet one-way delay: 26.298 ms

Loss rate: 0.12%

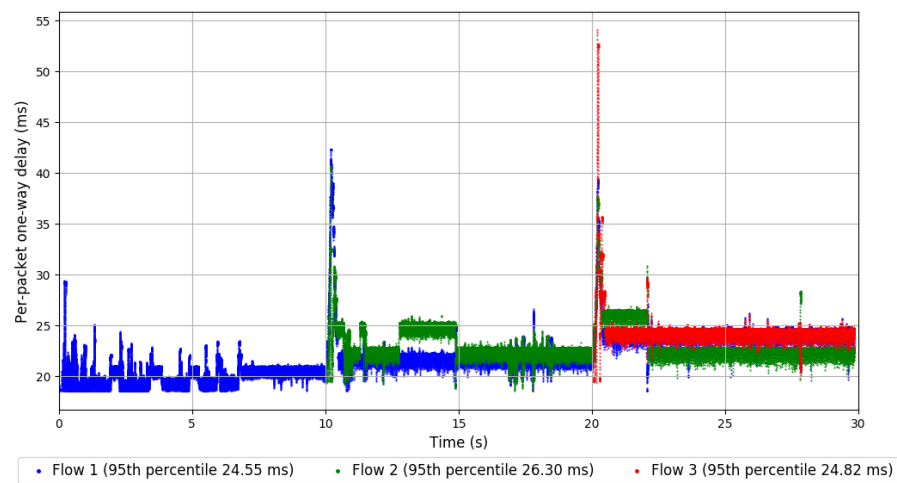
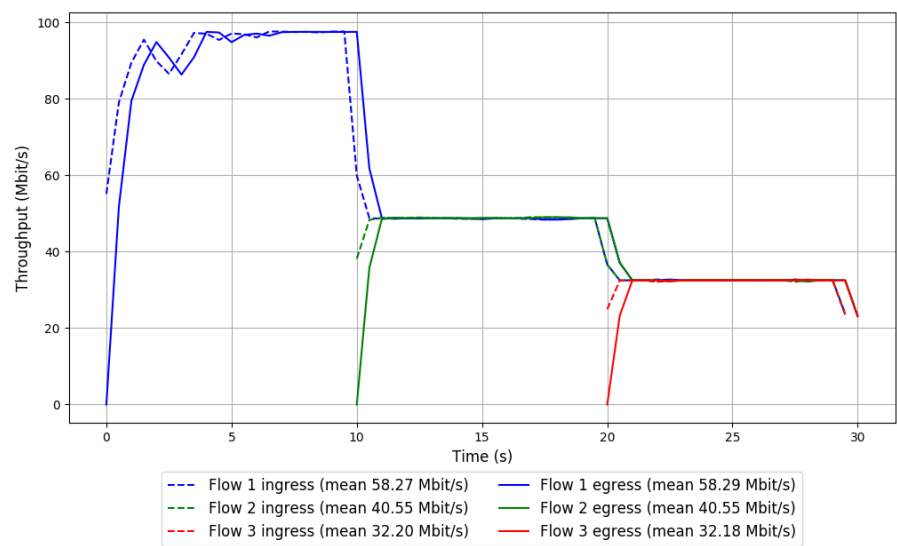
-- Flow 3:

Average throughput: 32.18 Mbit/s

95th percentile per-packet one-way delay: 24.822 ms

Loss rate: 0.33%

Run 7: Report of Indigo — Data Link

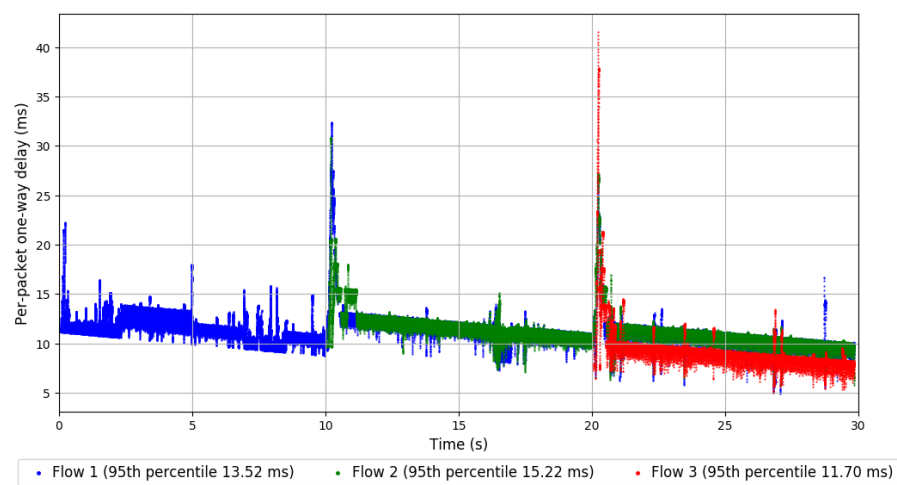
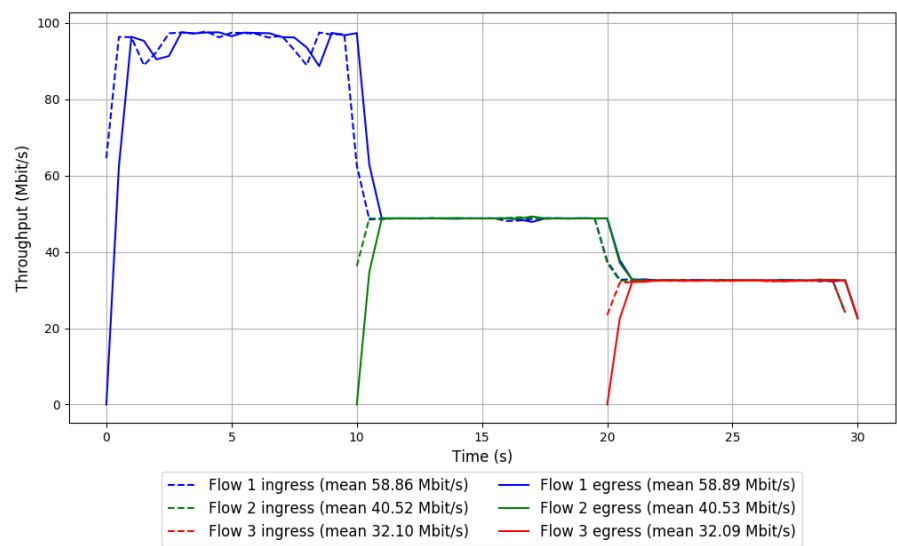


Run 8: Statistics of Indigo

Start at: 2018-08-10 03:48:01
End at: 2018-08-10 03:48:31
Local clock offset: -2.447 ms
Remote clock offset: -9.331 ms

Below is generated by plot.py at 2018-08-10 04:56:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 13.570 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.89 Mbit/s
95th percentile per-packet one-way delay: 13.519 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.53 Mbit/s
95th percentile per-packet one-way delay: 15.220 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.09 Mbit/s
95th percentile per-packet one-way delay: 11.702 ms
Loss rate: 0.32%

Run 8: Report of Indigo — Data Link

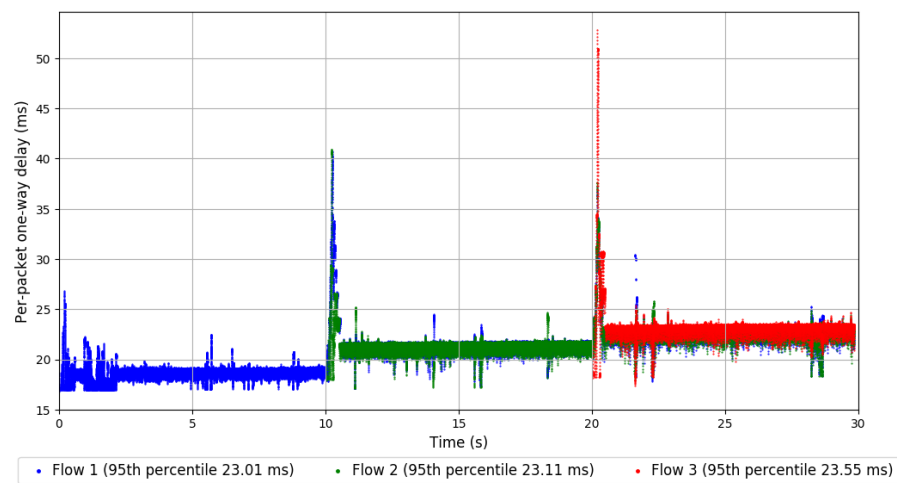
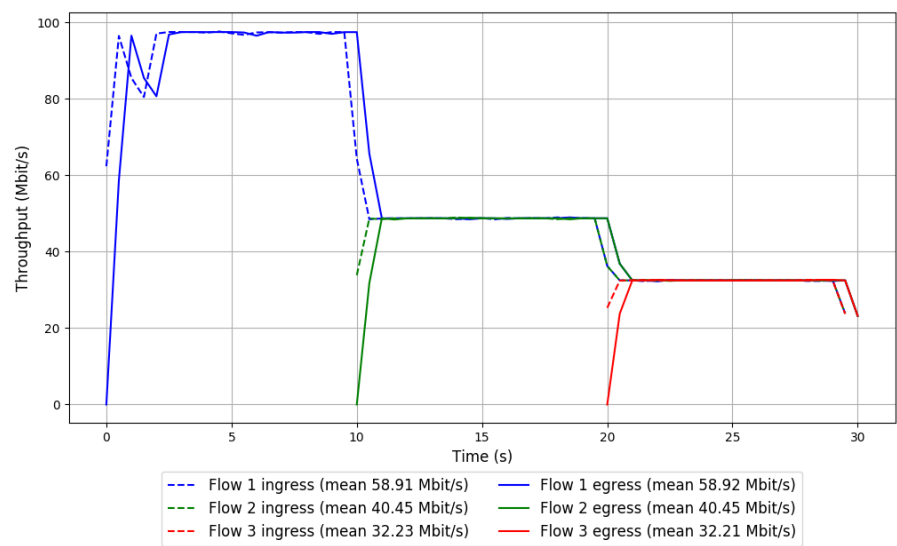


Run 9: Statistics of Indigo

Start at: 2018-08-10 04:08:09
End at: 2018-08-10 04:08:39
Local clock offset: 1.496 ms
Remote clock offset: -90.866 ms

Below is generated by plot.py at 2018-08-10 04:56:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 23.335 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 23.008 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 23.105 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 23.551 ms
Loss rate: 0.32%

Run 9: Report of Indigo — Data Link

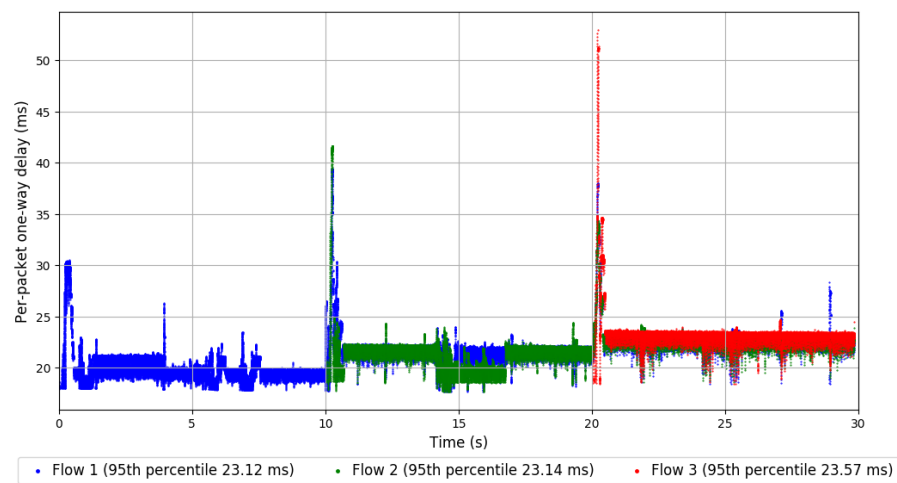
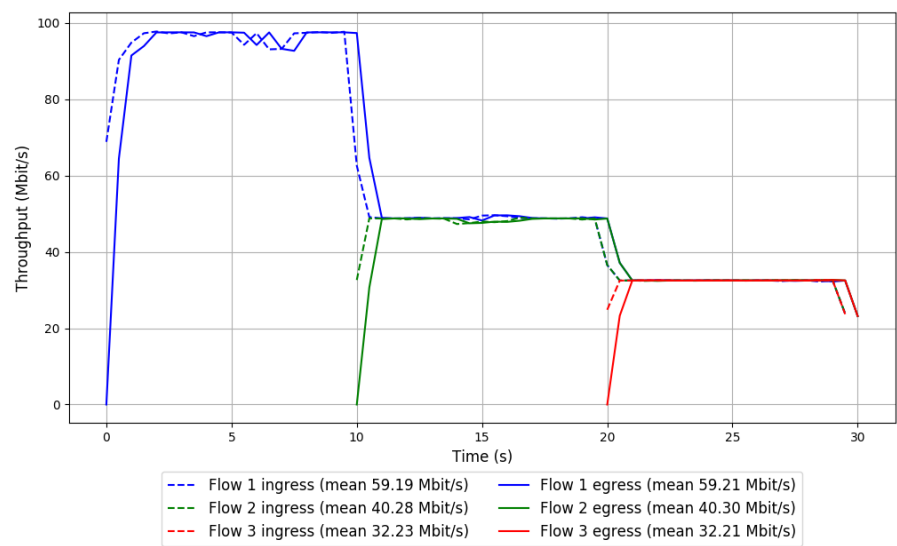


Run 10: Statistics of Indigo

Start at: 2018-08-10 04:28:21
End at: 2018-08-10 04:28:51
Local clock offset: 1.736 ms
Remote clock offset: -101.235 ms

Below is generated by plot.py at 2018-08-10 04:56:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 23.408 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 23.118 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.30 Mbit/s
95th percentile per-packet one-way delay: 23.138 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 23.571 ms
Loss rate: 0.33%

Run 10: Report of Indigo — Data Link

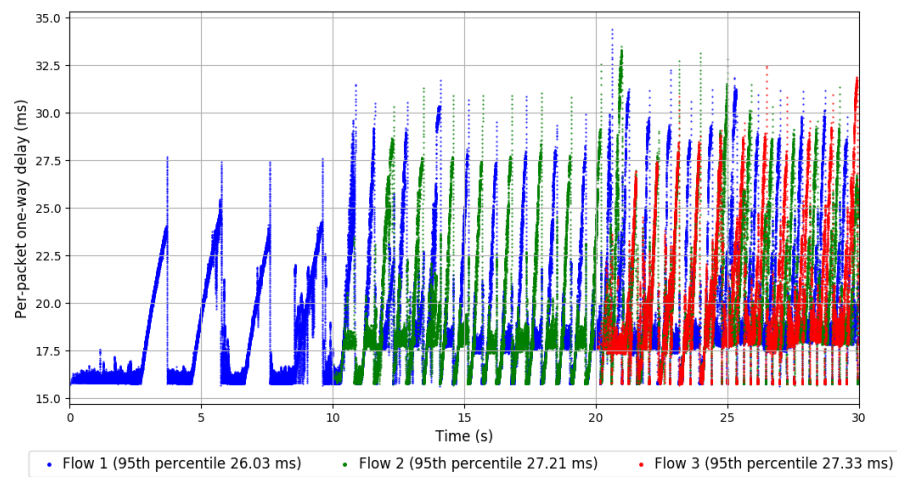
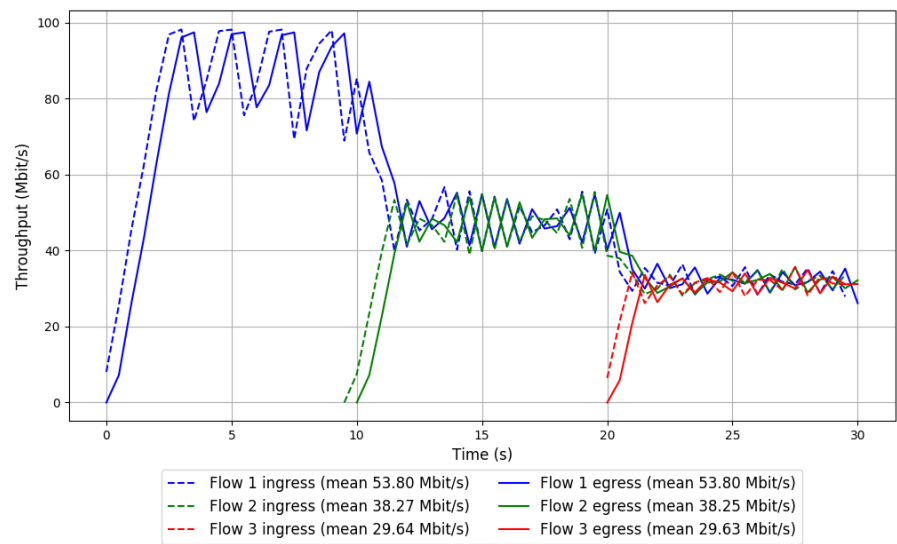


```
Run 1: Statistics of LEDBAT

Start at: 2018-08-10 01:34:26
End at: 2018-08-10 01:34:56
Local clock offset: -1.371 ms
Remote clock offset: -7.687 ms

# Below is generated by plot.py at 2018-08-10 04:56:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.11 Mbit/s
95th percentile per-packet one-way delay: 26.872 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 26.031 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.25 Mbit/s
95th percentile per-packet one-way delay: 27.215 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 29.63 Mbit/s
95th percentile per-packet one-way delay: 27.328 ms
Loss rate: 0.30%
```

Run 1: Report of LEDBAT — Data Link

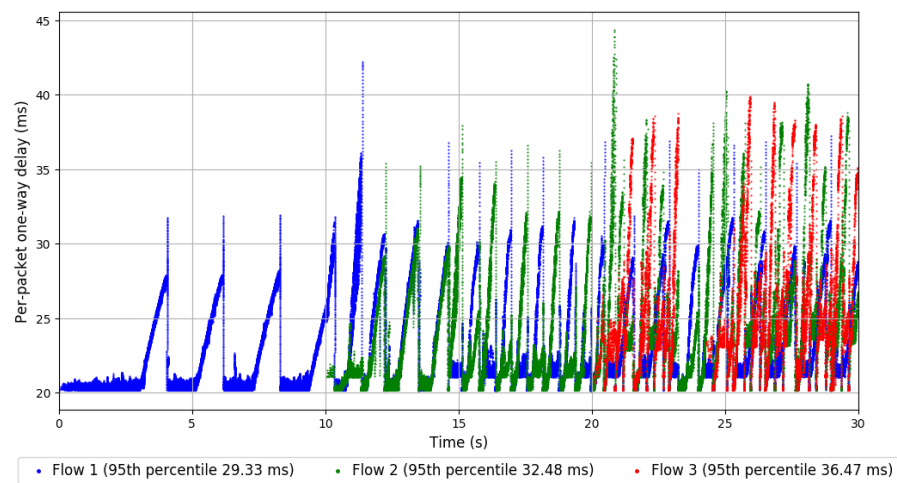
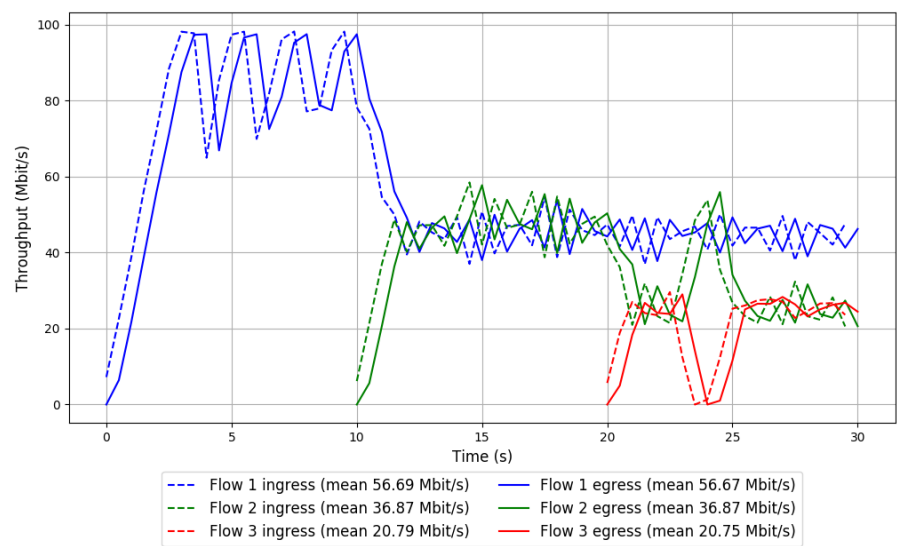


Run 2: Statistics of LEDBAT

Start at: 2018-08-10 01:54:52
End at: 2018-08-10 01:55:22
Local clock offset: 1.546 ms
Remote clock offset: -8.304 ms

Below is generated by plot.py at 2018-08-10 04:56:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 30.757 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 56.67 Mbit/s
95th percentile per-packet one-way delay: 29.326 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.87 Mbit/s
95th percentile per-packet one-way delay: 32.483 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 36.466 ms
Loss rate: 0.12%

Run 2: Report of LEDBAT — Data Link

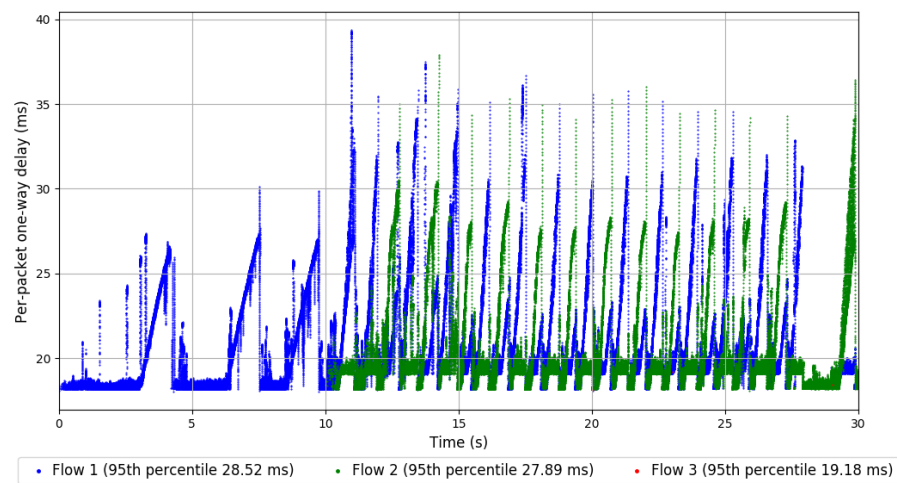
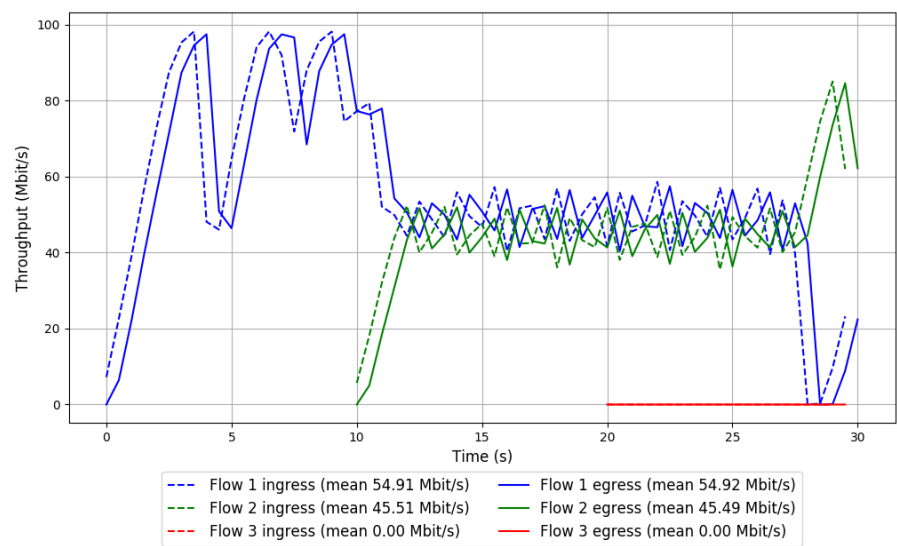


Run 3: Statistics of LEDBAT

Start at: 2018-08-10 02:14:55
End at: 2018-08-10 02:15:25
Local clock offset: 1.524 ms
Remote clock offset: -6.291 ms

Below is generated by plot.py at 2018-08-10 04:57:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 28.155 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 54.92 Mbit/s
95th percentile per-packet one-way delay: 28.516 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 45.49 Mbit/s
95th percentile per-packet one-way delay: 27.894 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 19.181 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

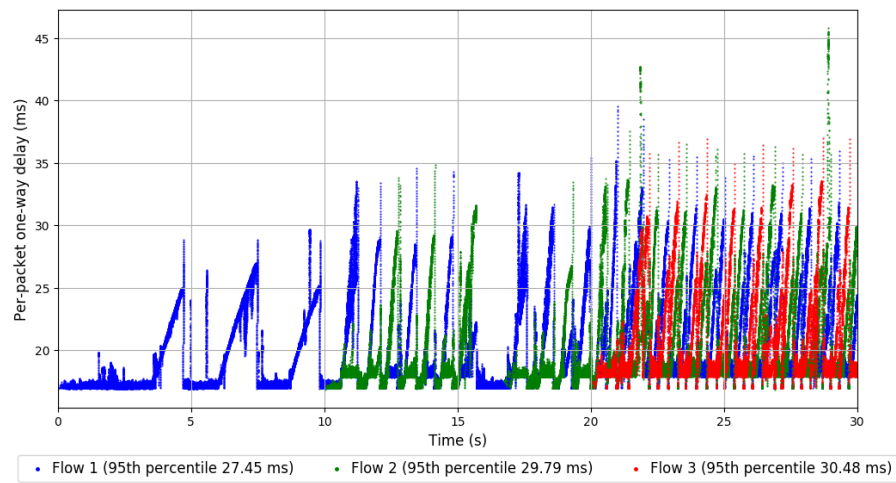
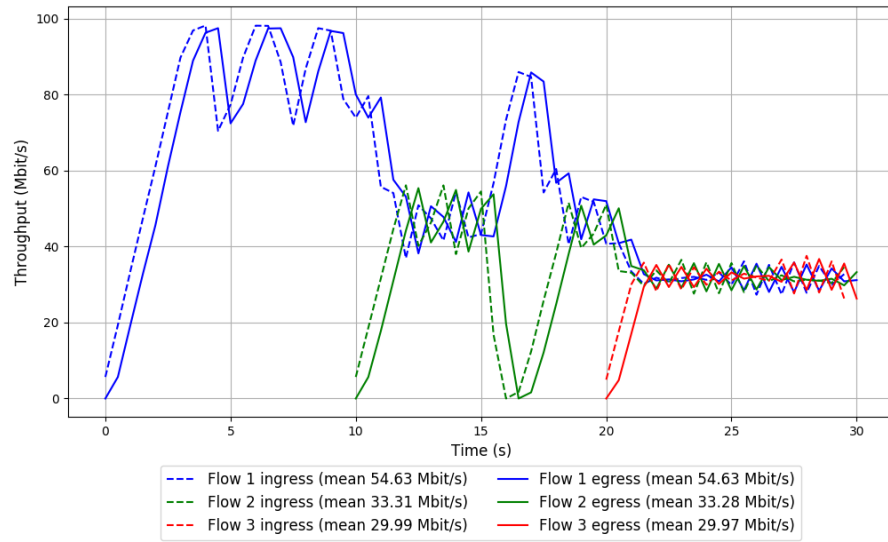


Run 4: Statistics of LEDBAT

Start at: 2018-08-10 02:35:22
End at: 2018-08-10 02:35:52
Local clock offset: -0.758 ms
Remote clock offset: -4.607 ms

Below is generated by plot.py at 2018-08-10 04:57:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.73 Mbit/s
95th percentile per-packet one-way delay: 28.719 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 54.63 Mbit/s
95th percentile per-packet one-way delay: 27.453 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 29.791 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 29.97 Mbit/s
95th percentile per-packet one-way delay: 30.476 ms
Loss rate: 0.35%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-08-10 02:55:41

End at: 2018-08-10 02:56:11

Local clock offset: 2.253 ms

Remote clock offset: -2.09 ms

Below is generated by plot.py at 2018-08-10 04:57:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.47 Mbit/s

95th percentile per-packet one-way delay: 30.523 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 55.03 Mbit/s

95th percentile per-packet one-way delay: 29.979 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 33.65 Mbit/s

95th percentile per-packet one-way delay: 30.006 ms

Loss rate: 0.19%

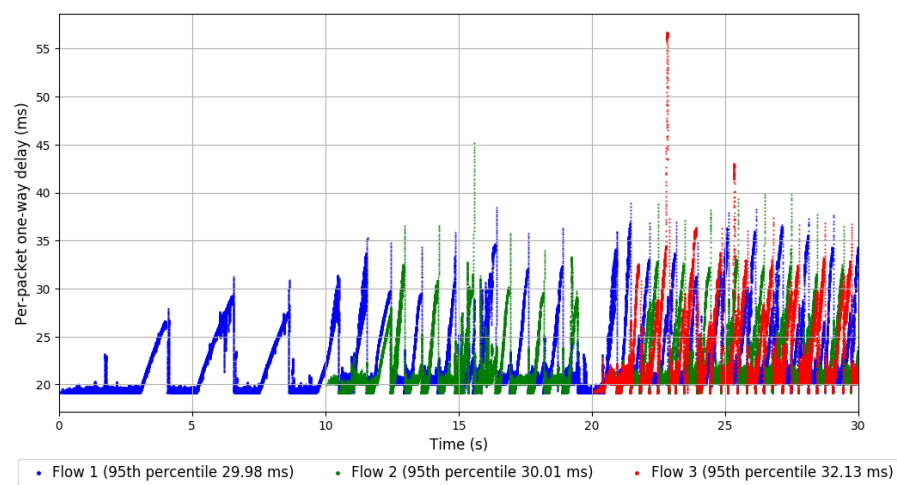
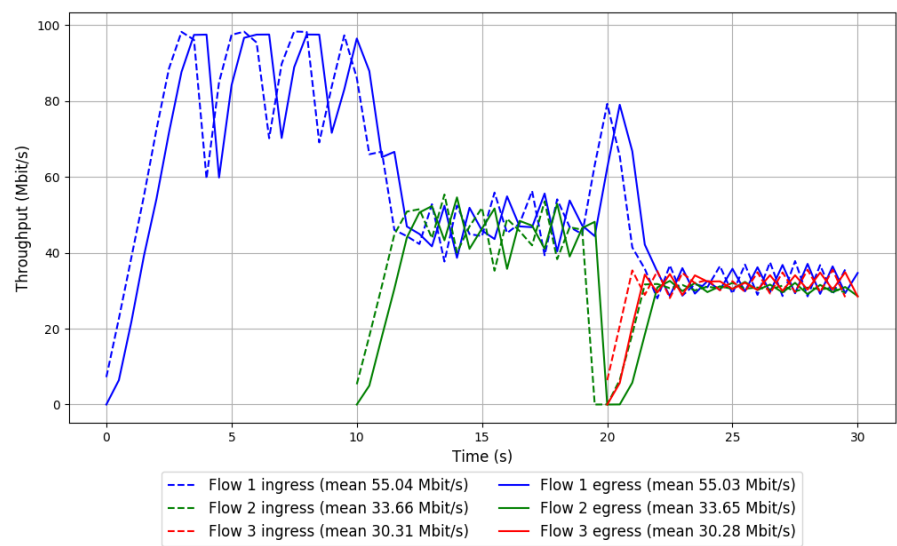
-- Flow 3:

Average throughput: 30.28 Mbit/s

95th percentile per-packet one-way delay: 32.129 ms

Loss rate: 0.36%

Run 5: Report of LEDBAT — Data Link

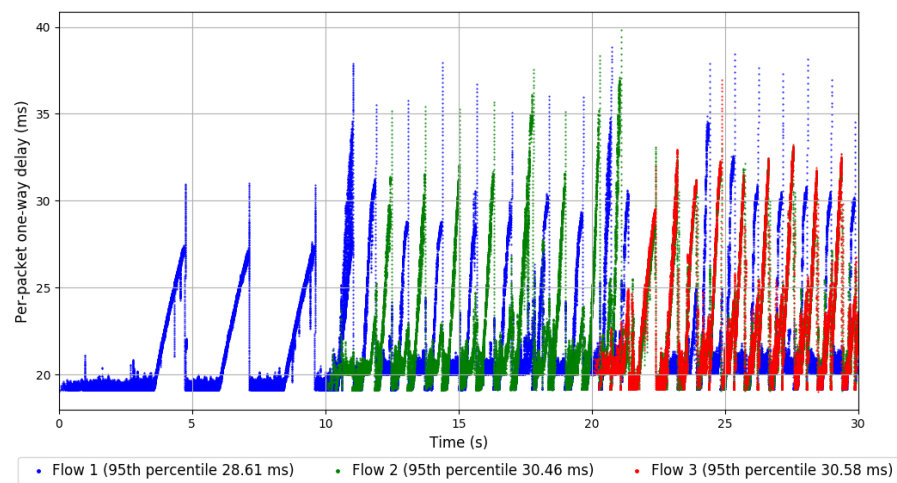
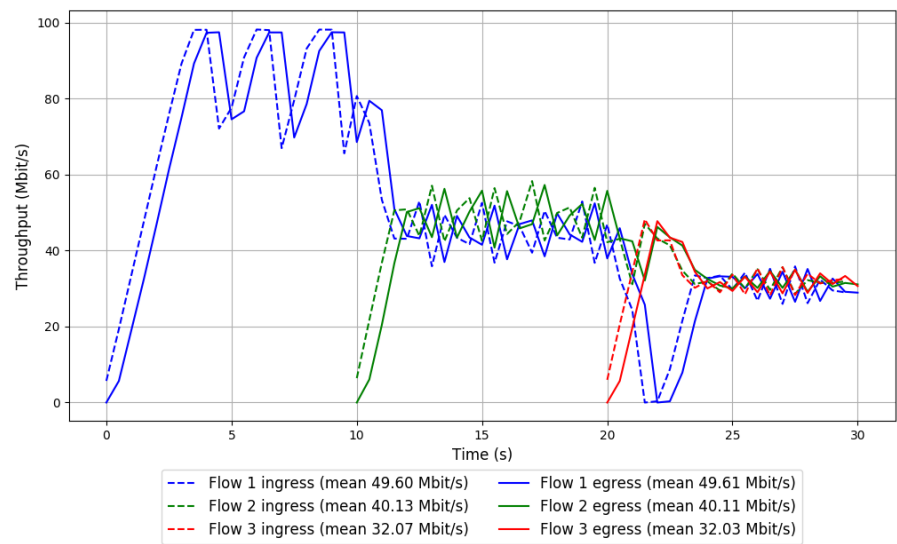


Run 6: Statistics of LEDBAT

Start at: 2018-08-10 03:15:57
End at: 2018-08-10 03:16:27
Local clock offset: 1.619 ms
Remote clock offset: -6.517 ms

Below is generated by plot.py at 2018-08-10 04:57:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.95 Mbit/s
95th percentile per-packet one-way delay: 29.626 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 49.61 Mbit/s
95th percentile per-packet one-way delay: 28.609 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 30.462 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 30.582 ms
Loss rate: 0.40%

Run 6: Report of LEDBAT — Data Link

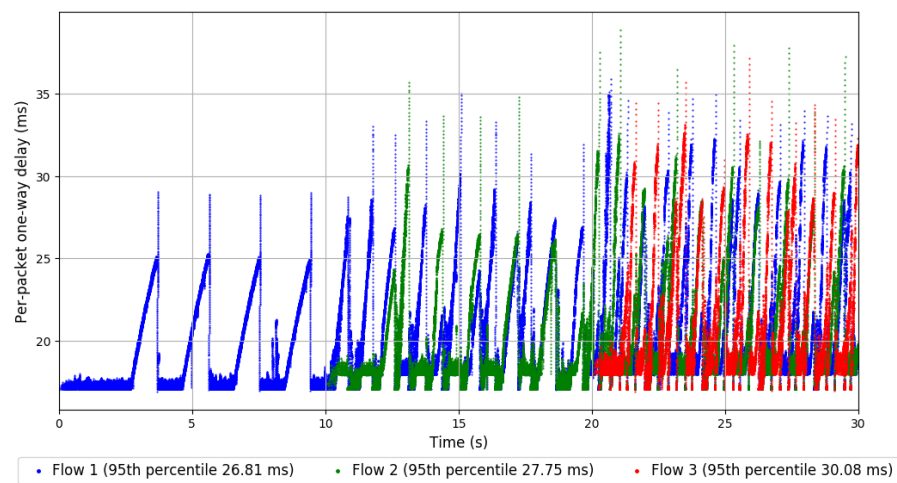
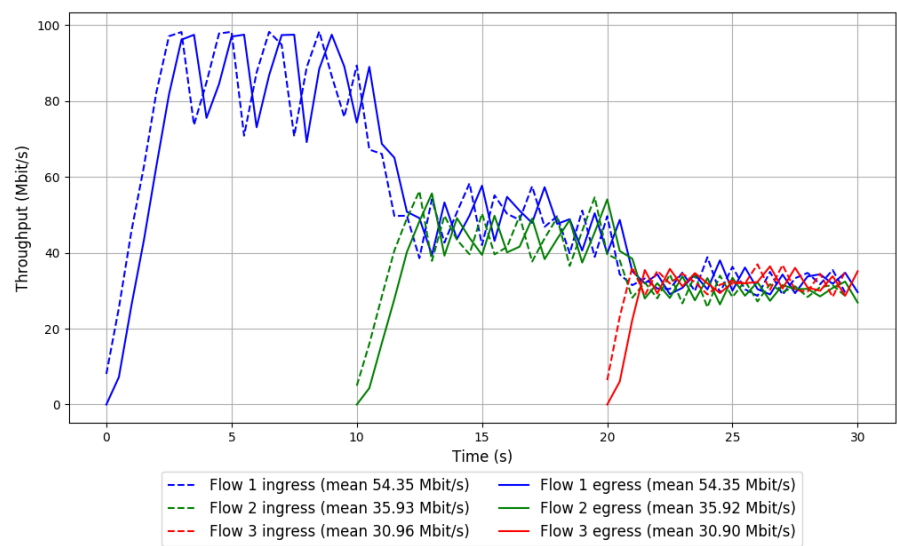


Run 7: Statistics of LEDBAT

Start at: 2018-08-10 03:36:21
End at: 2018-08-10 03:36:51
Local clock offset: -0.223 ms
Remote clock offset: -6.828 ms

Below is generated by plot.py at 2018-08-10 04:57:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 27.686 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 54.35 Mbit/s
95th percentile per-packet one-way delay: 26.811 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.92 Mbit/s
95th percentile per-packet one-way delay: 27.746 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 30.90 Mbit/s
95th percentile per-packet one-way delay: 30.080 ms
Loss rate: 0.27%

Run 7: Report of LEDBAT — Data Link

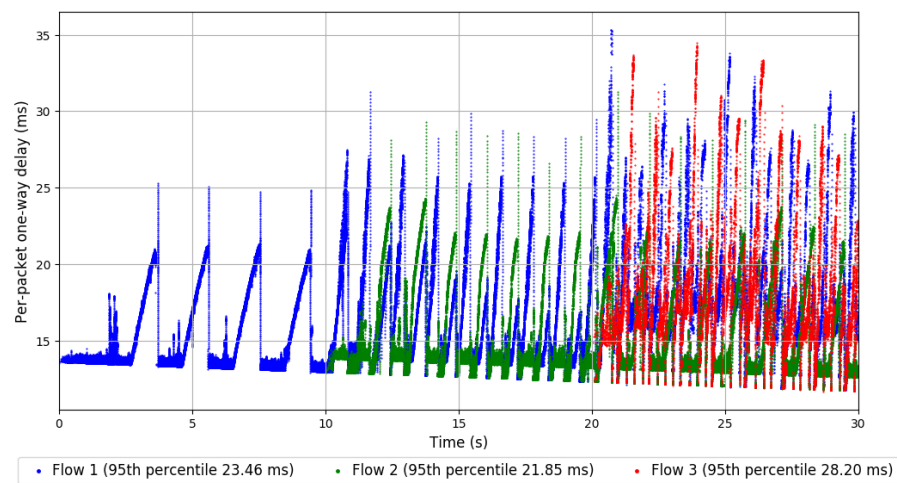
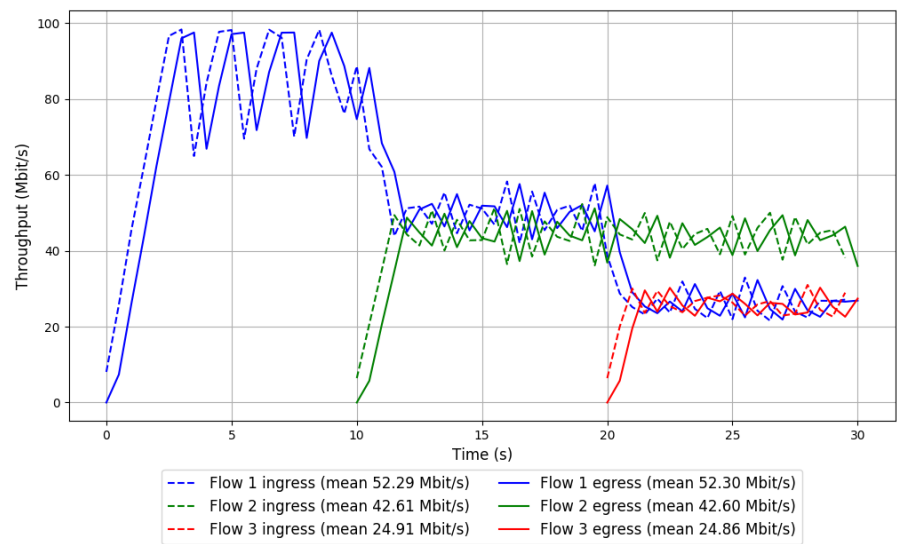


Run 8: Statistics of LEDBAT

Start at: 2018-08-10 03:56:08
End at: 2018-08-10 03:56:38
Local clock offset: -1.356 ms
Remote clock offset: -72.45 ms

Below is generated by plot.py at 2018-08-10 04:57:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.92 Mbit/s
95th percentile per-packet one-way delay: 23.363 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 52.30 Mbit/s
95th percentile per-packet one-way delay: 23.459 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 42.60 Mbit/s
95th percentile per-packet one-way delay: 21.846 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 28.197 ms
Loss rate: 0.48%

Run 8: Report of LEDBAT — Data Link

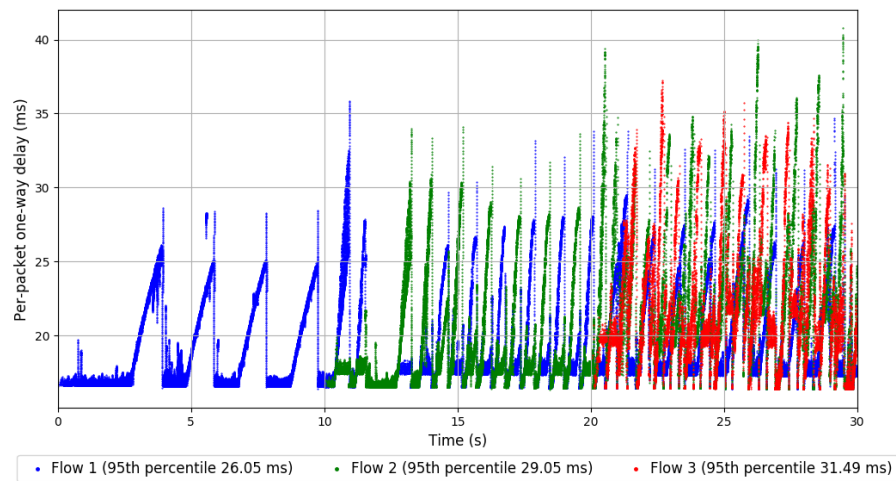
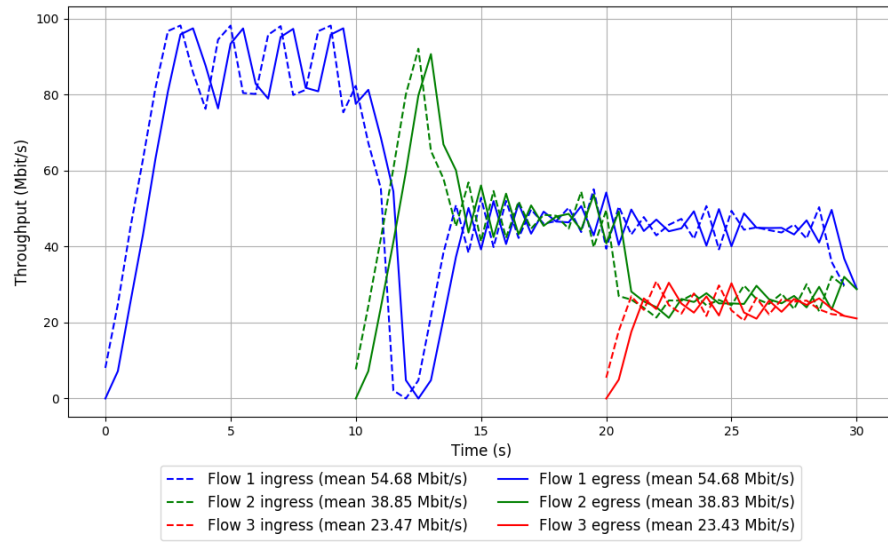


Run 9: Statistics of LEDBAT

Start at: 2018-08-10 04:16:23
End at: 2018-08-10 04:16:53
Local clock offset: 0.556 ms
Remote clock offset: -89.827 ms

Below is generated by plot.py at 2018-08-10 04:57:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.31 Mbit/s
95th percentile per-packet one-way delay: 27.583 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 54.68 Mbit/s
95th percentile per-packet one-way delay: 26.050 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 29.051 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 23.43 Mbit/s
95th percentile per-packet one-way delay: 31.487 ms
Loss rate: 0.46%

Run 9: Report of LEDBAT — Data Link

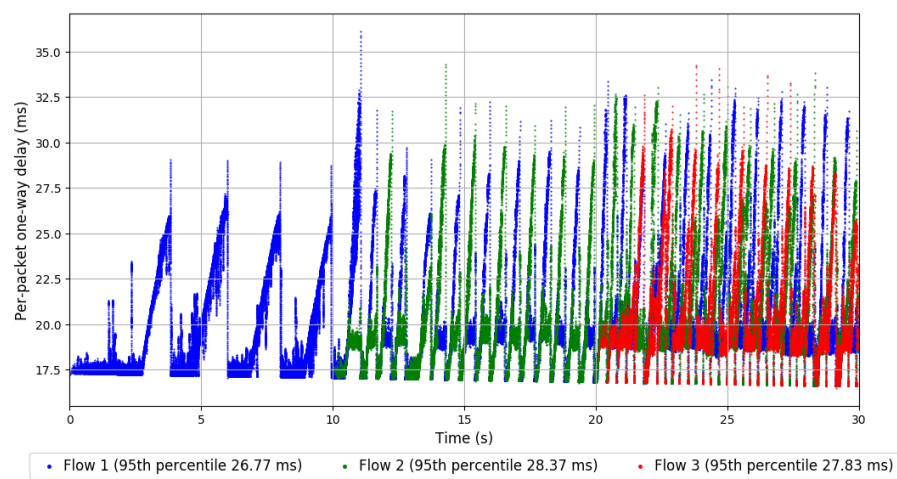
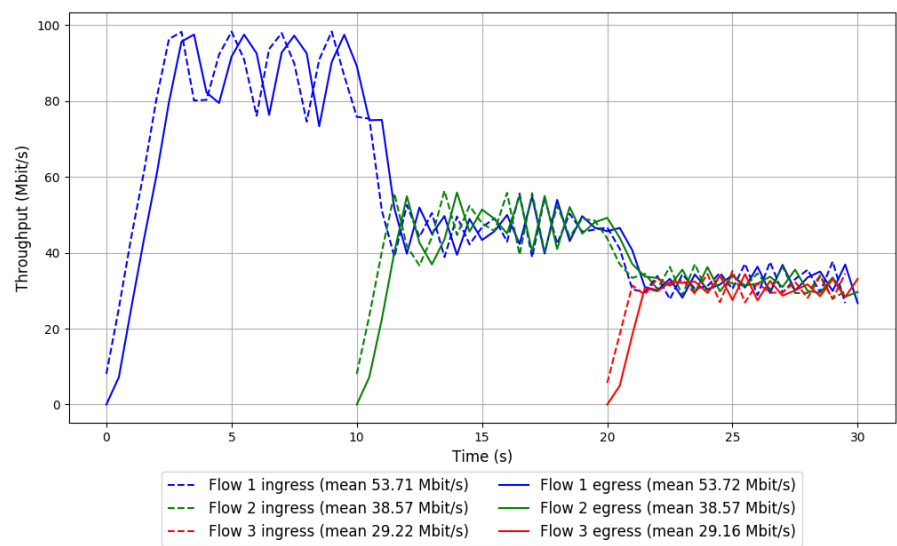


Run 10: Statistics of LEDBAT

Start at: 2018-08-10 04:36:36
End at: 2018-08-10 04:37:06
Local clock offset: 2.001 ms
Remote clock offset: -111.286 ms

Below is generated by plot.py at 2018-08-10 04:57:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.07 Mbit/s
95th percentile per-packet one-way delay: 27.618 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 53.72 Mbit/s
95th percentile per-packet one-way delay: 26.765 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 28.370 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 29.16 Mbit/s
95th percentile per-packet one-way delay: 27.834 ms
Loss rate: 0.49%

Run 10: Report of LEDBAT — Data Link

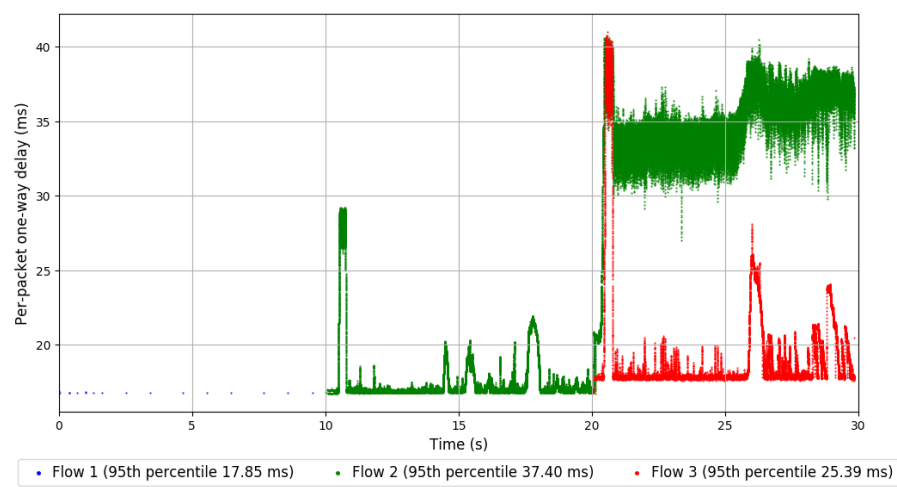
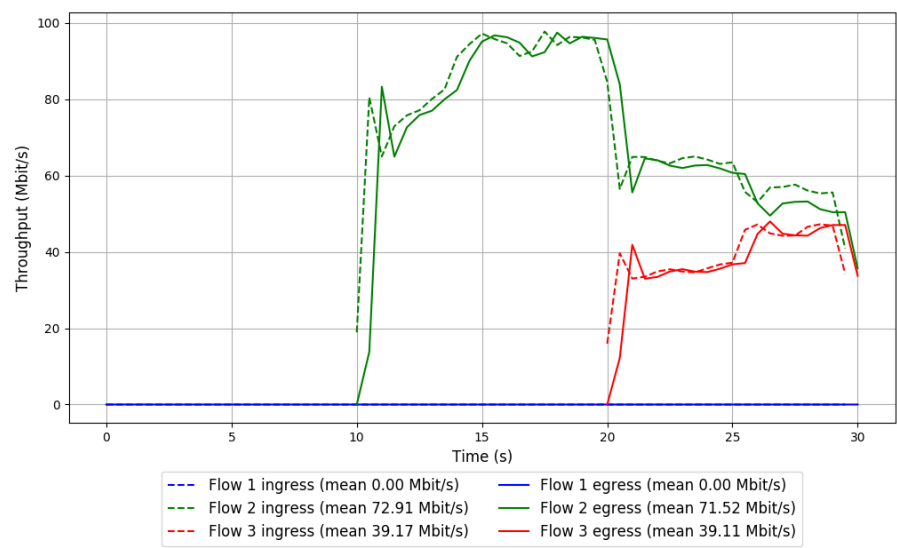


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-10 01:27:21
End at: 2018-08-10 01:27:51
Local clock offset: -0.042 ms
Remote clock offset: -7.032 ms

# Below is generated by plot.py at 2018-08-10 04:57:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.43 Mbit/s
95th percentile per-packet one-way delay: 37.257 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 17.846 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.52 Mbit/s
95th percentile per-packet one-way delay: 37.401 ms
Loss rate: 2.06%
-- Flow 3:
Average throughput: 39.11 Mbit/s
95th percentile per-packet one-way delay: 25.392 ms
Loss rate: 0.39%
```

Run 1: Report of PCC-Allegro — Data Link

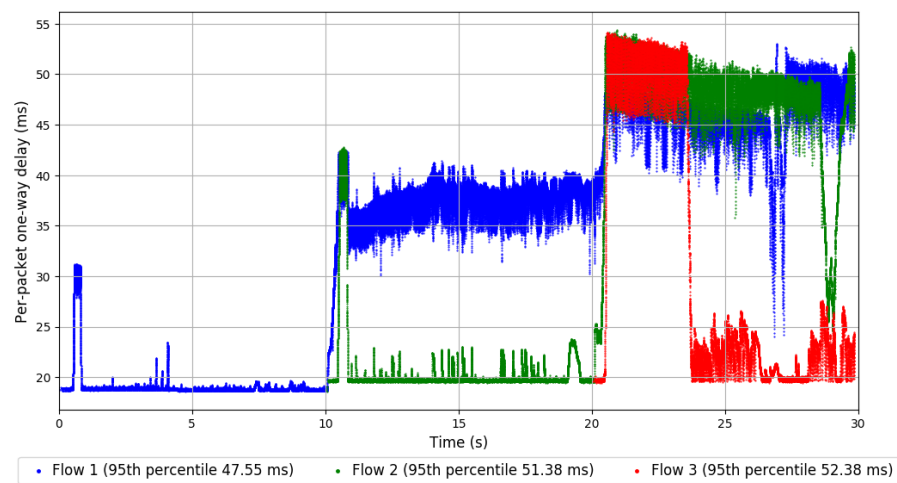
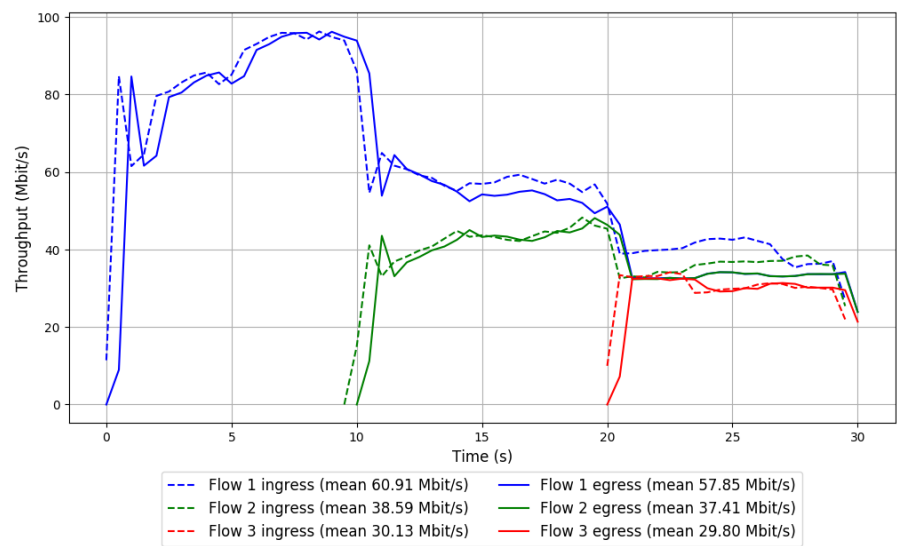


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-10 01:47:48
End at: 2018-08-10 01:48:18
Local clock offset: 0.599 ms
Remote clock offset: -7.684 ms

Below is generated by plot.py at 2018-08-10 04:58:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 50.136 ms
Loss rate: 4.26%
-- Flow 1:
Average throughput: 57.85 Mbit/s
95th percentile per-packet one-way delay: 47.554 ms
Loss rate: 5.15%
-- Flow 2:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 51.375 ms
Loss rate: 3.26%
-- Flow 3:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 52.381 ms
Loss rate: 1.39%

Run 2: Report of PCC-Allegro — Data Link

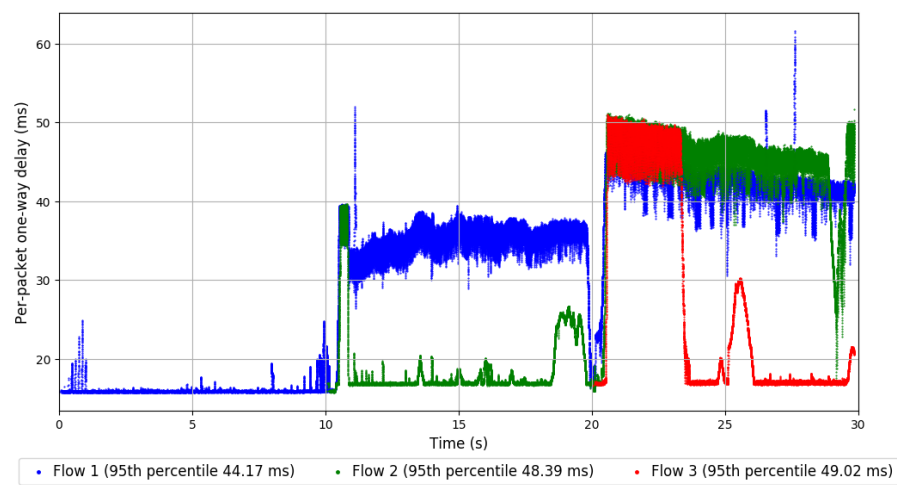
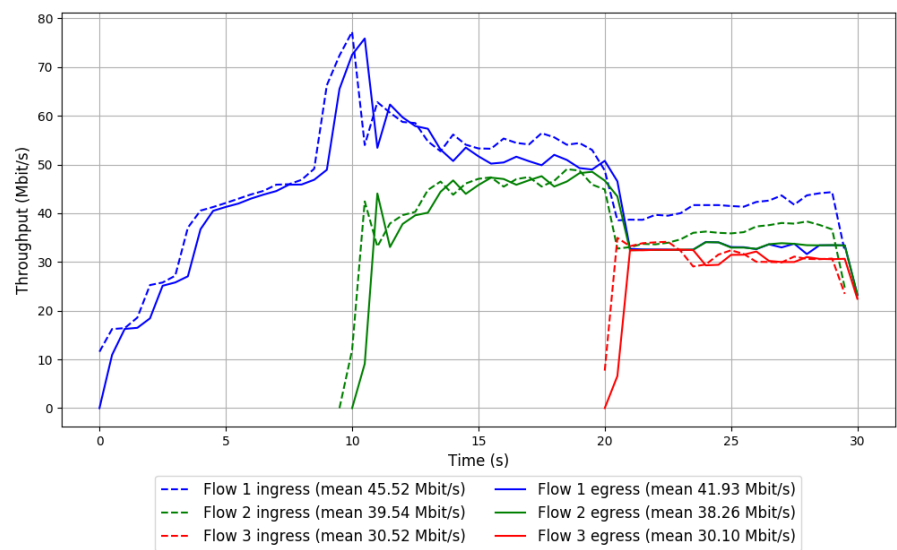


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-10 02:07:58
End at: 2018-08-10 02:08:28
Local clock offset: -1.171 ms
Remote clock offset: -6.776 ms

Below is generated by plot.py at 2018-08-10 04:58:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.26 Mbit/s
95th percentile per-packet one-way delay: 47.439 ms
Loss rate: 5.76%
-- Flow 1:
Average throughput: 41.93 Mbit/s
95th percentile per-packet one-way delay: 44.170 ms
Loss rate: 8.01%
-- Flow 2:
Average throughput: 38.26 Mbit/s
95th percentile per-packet one-way delay: 48.392 ms
Loss rate: 3.42%
-- Flow 3:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 49.023 ms
Loss rate: 1.68%

Run 3: Report of PCC-Allegro — Data Link

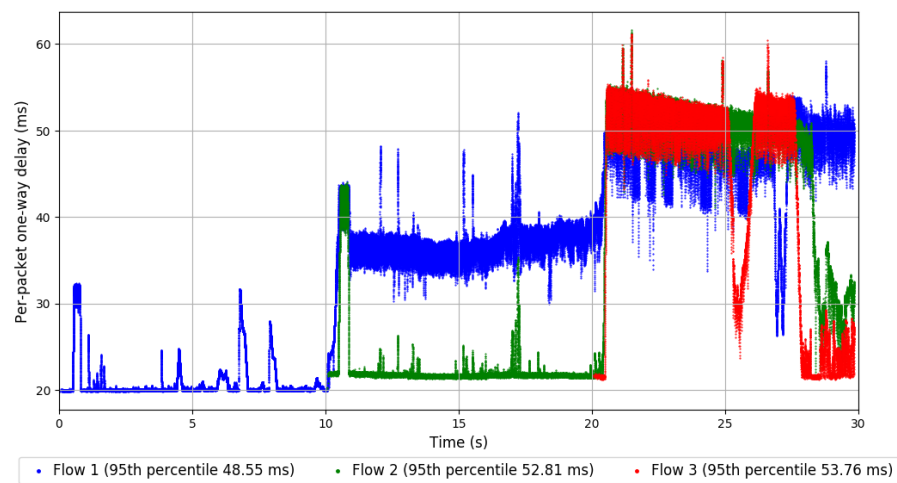
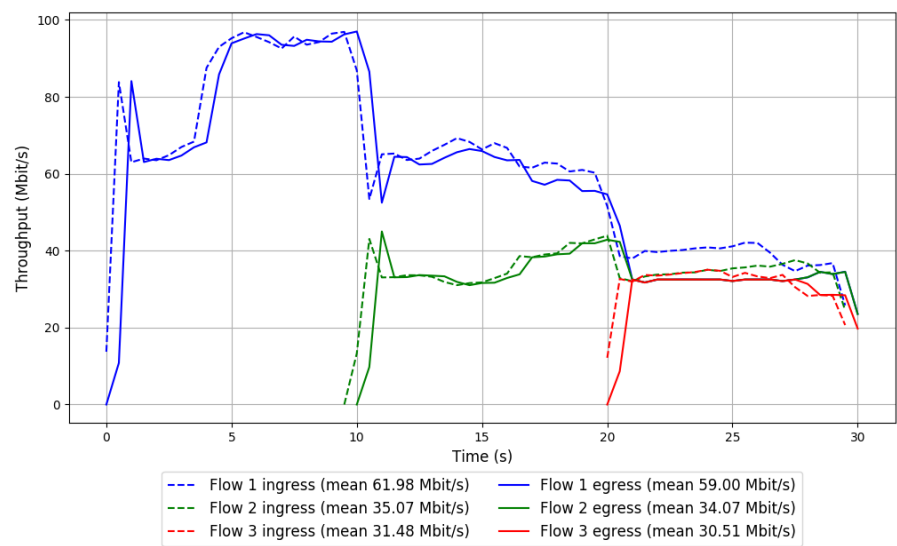


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-10 02:28:15
End at: 2018-08-10 02:28:45
Local clock offset: 2.549 ms
Remote clock offset: -5.282 ms

```
# Below is generated by plot.py at 2018-08-10 04:58:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 52.125 ms
Loss rate: 4.29%
-- Flow 1:
Average throughput: 59.00 Mbit/s
95th percentile per-packet one-way delay: 48.551 ms
Loss rate: 4.92%
-- Flow 2:
Average throughput: 34.07 Mbit/s
95th percentile per-packet one-way delay: 52.812 ms
Loss rate: 3.01%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 53.755 ms
Loss rate: 3.39%
```

Run 4: Report of PCC-Allegro — Data Link

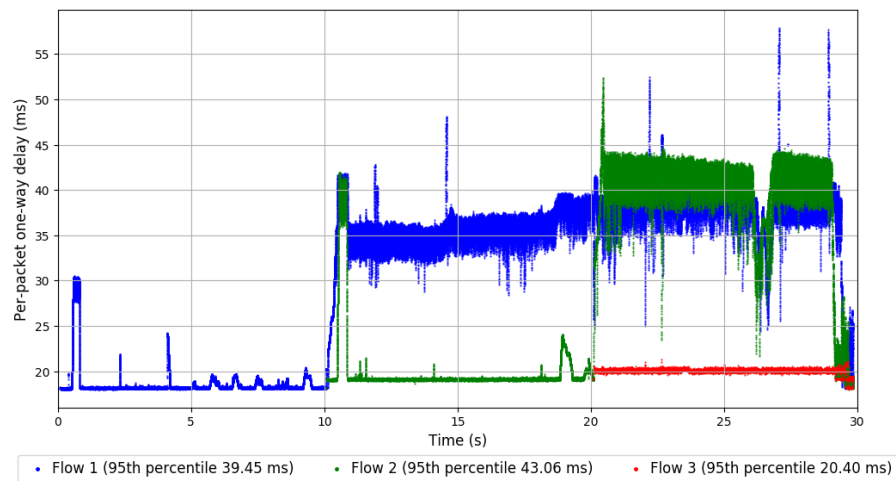
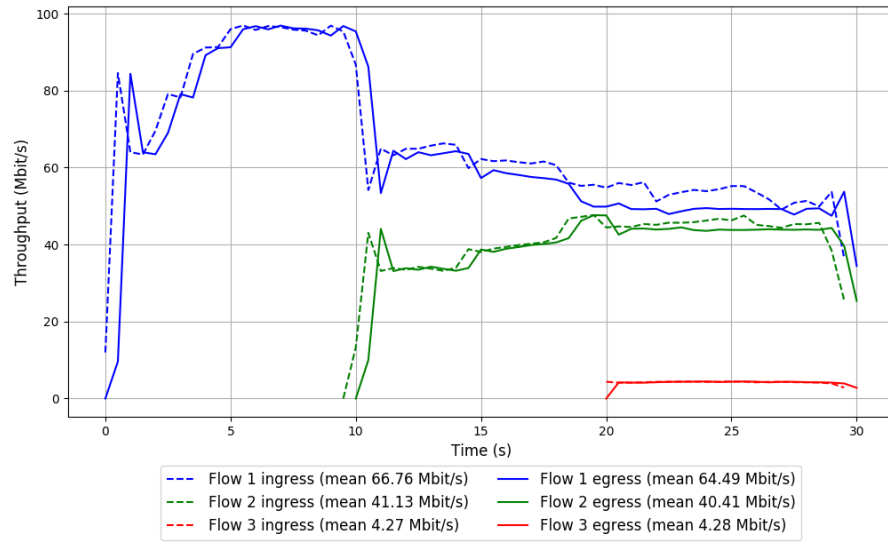


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-10 02:48:35
End at: 2018-08-10 02:49:05
Local clock offset: 1.518 ms
Remote clock offset: -2.426 ms

Below is generated by plot.py at 2018-08-10 04:58:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.77 Mbit/s
95th percentile per-packet one-way delay: 41.954 ms
Loss rate: 2.98%
-- Flow 1:
Average throughput: 64.49 Mbit/s
95th percentile per-packet one-way delay: 39.448 ms
Loss rate: 3.49%
-- Flow 2:
Average throughput: 40.41 Mbit/s
95th percentile per-packet one-way delay: 43.065 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 20.400 ms
Loss rate: 0.27%

Run 5: Report of PCC-Allegro — Data Link

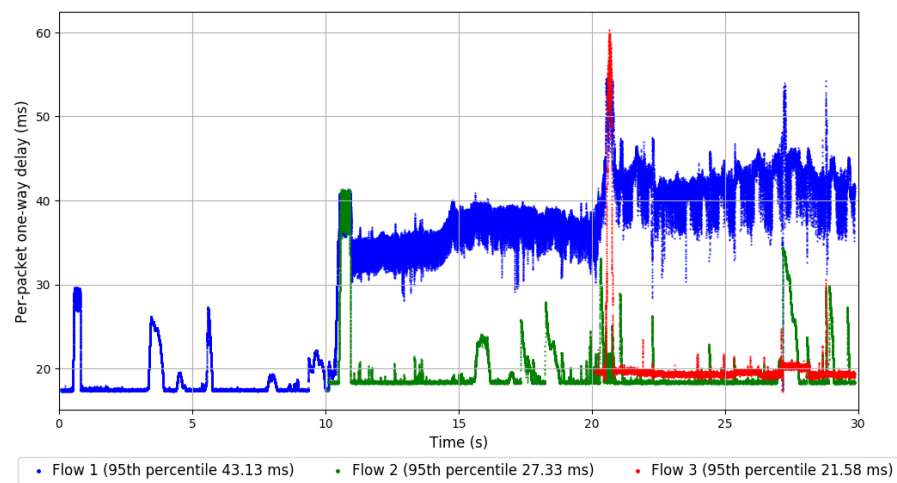
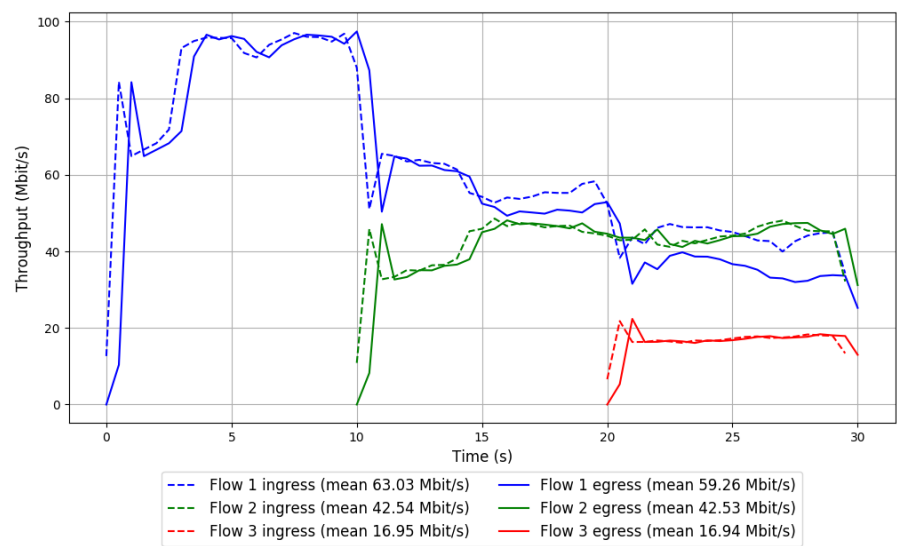


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-10 03:09:01
End at: 2018-08-10 03:09:31
Local clock offset: 1.016 ms
Remote clock offset: -5.004 ms

Below is generated by plot.py at 2018-08-10 04:58:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.09 Mbit/s
95th percentile per-packet one-way delay: 42.173 ms
Loss rate: 4.03%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 43.133 ms
Loss rate: 6.09%
-- Flow 2:
Average throughput: 42.53 Mbit/s
95th percentile per-packet one-way delay: 27.332 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 16.94 Mbit/s
95th percentile per-packet one-way delay: 21.584 ms
Loss rate: 0.36%

Run 6: Report of PCC-Allegro — Data Link

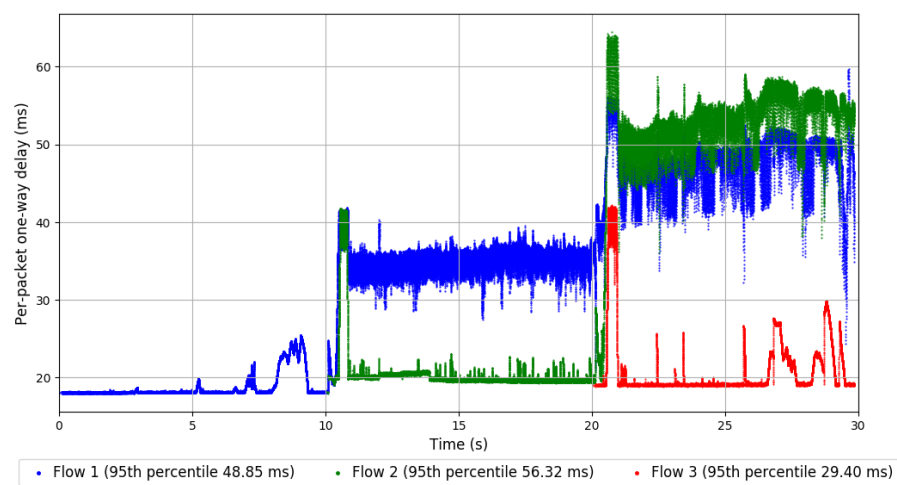
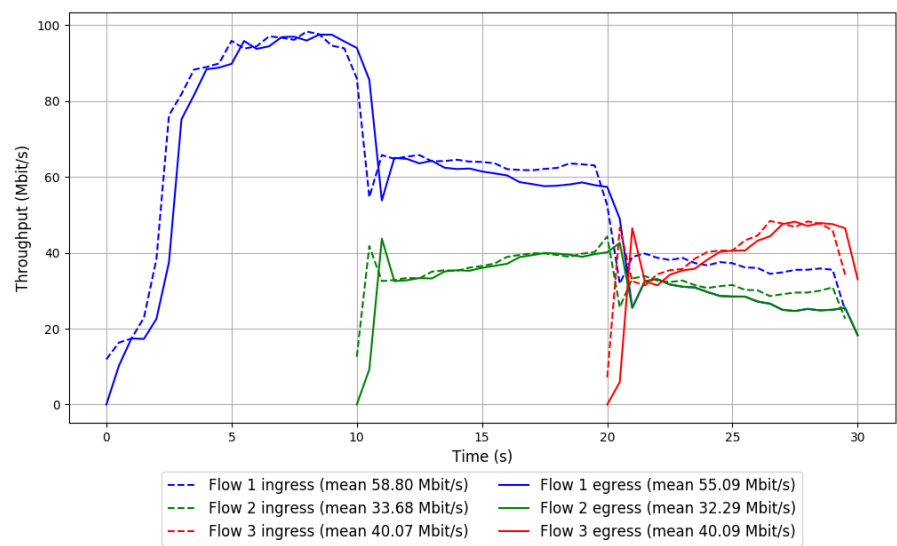


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-10 03:29:12
End at: 2018-08-10 03:29:42
Local clock offset: 0.977 ms
Remote clock offset: -6.878 ms

Below is generated by plot.py at 2018-08-10 04:58:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.73 Mbit/s
95th percentile per-packet one-way delay: 52.899 ms
Loss rate: 5.06%
-- Flow 1:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 48.850 ms
Loss rate: 6.41%
-- Flow 2:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 56.322 ms
Loss rate: 4.29%
-- Flow 3:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 29.402 ms
Loss rate: 0.41%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-10 03:49:11

End at: 2018-08-10 03:49:41

Local clock offset: -1.242 ms

Remote clock offset: -27.407 ms

Below is generated by plot.py at 2018-08-10 04:58:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.94 Mbit/s

95th percentile per-packet one-way delay: 42.635 ms

Loss rate: 1.78%

-- Flow 1:

Average throughput: 55.32 Mbit/s

95th percentile per-packet one-way delay: 44.215 ms

Loss rate: 2.31%

-- Flow 2:

Average throughput: 44.72 Mbit/s

95th percentile per-packet one-way delay: 33.347 ms

Loss rate: 1.07%

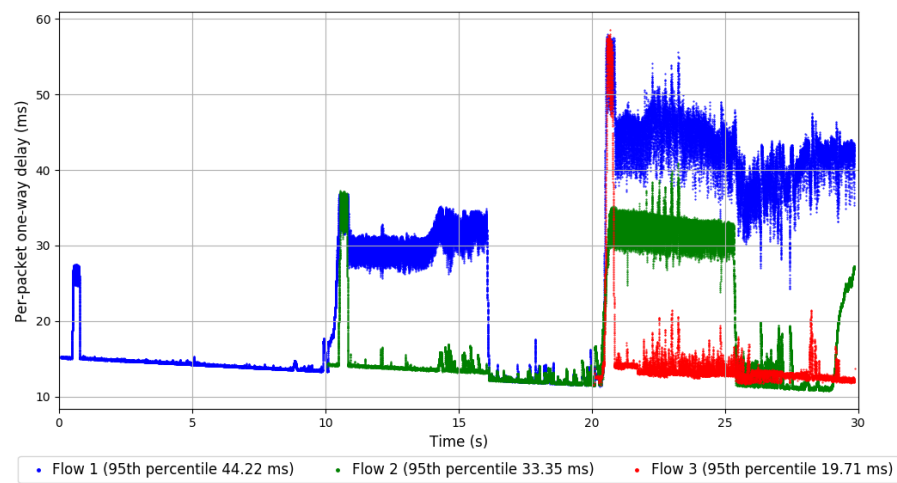
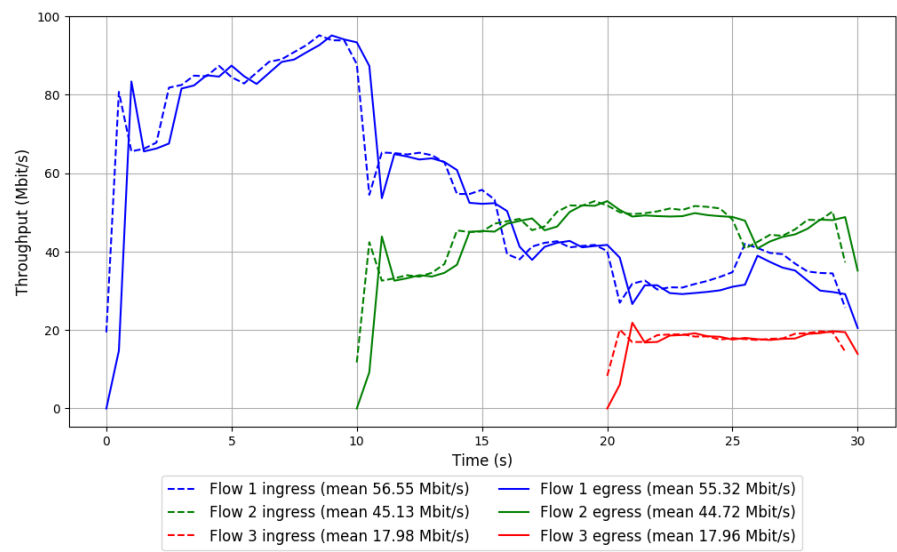
-- Flow 3:

Average throughput: 17.96 Mbit/s

95th percentile per-packet one-way delay: 19.710 ms

Loss rate: 0.34%

Run 8: Report of PCC-Allegro — Data Link

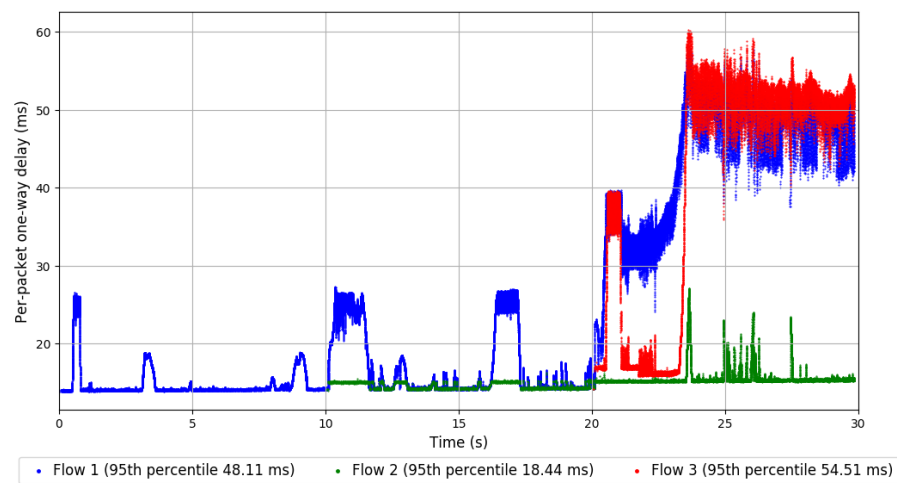
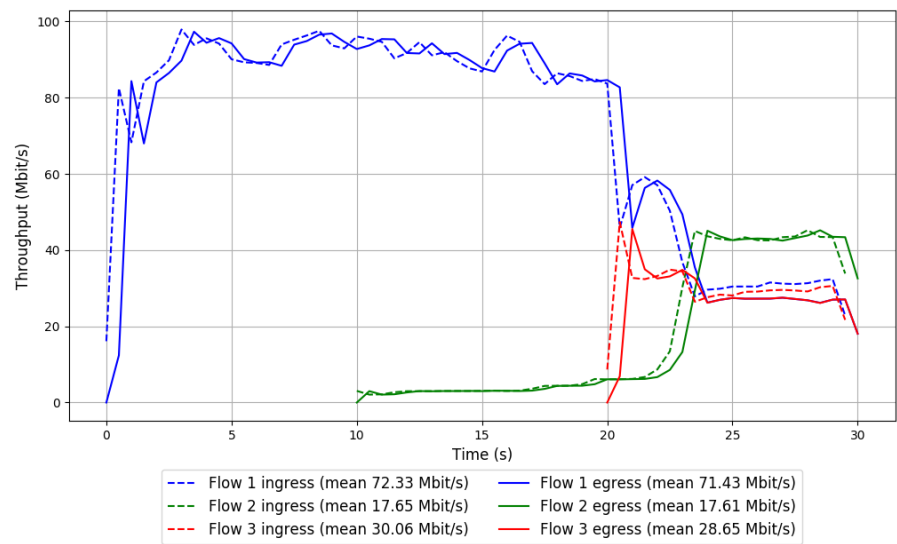


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-10 04:09:22
End at: 2018-08-10 04:09:52
Local clock offset: -1.428 ms
Remote clock offset: -89.734 ms

Below is generated by plot.py at 2018-08-10 04:58:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 50.866 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 71.43 Mbit/s
95th percentile per-packet one-way delay: 48.107 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 17.61 Mbit/s
95th percentile per-packet one-way delay: 18.444 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 28.65 Mbit/s
95th percentile per-packet one-way delay: 54.514 ms
Loss rate: 5.04%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-08-10 04:29:34

End at: 2018-08-10 04:30:04

Local clock offset: 0.788 ms

Remote clock offset: -101.529 ms

Below is generated by plot.py at 2018-08-10 04:58:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 41.638 ms

Loss rate: 4.24%

-- Flow 1:

Average throughput: 58.36 Mbit/s

95th percentile per-packet one-way delay: 42.314 ms

Loss rate: 6.43%

-- Flow 2:

Average throughput: 42.62 Mbit/s

95th percentile per-packet one-way delay: 25.292 ms

Loss rate: 0.18%

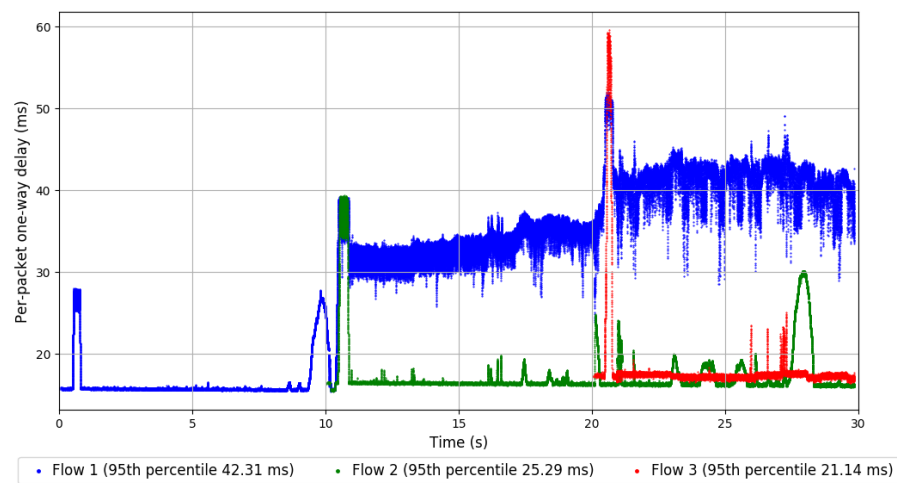
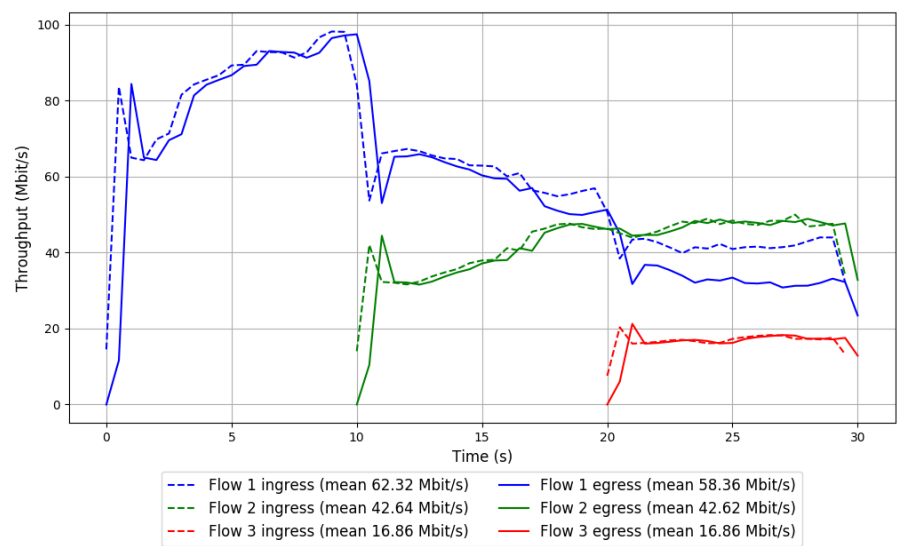
-- Flow 3:

Average throughput: 16.86 Mbit/s

95th percentile per-packet one-way delay: 21.135 ms

Loss rate: 0.33%

Run 10: Report of PCC-Allegro — Data Link

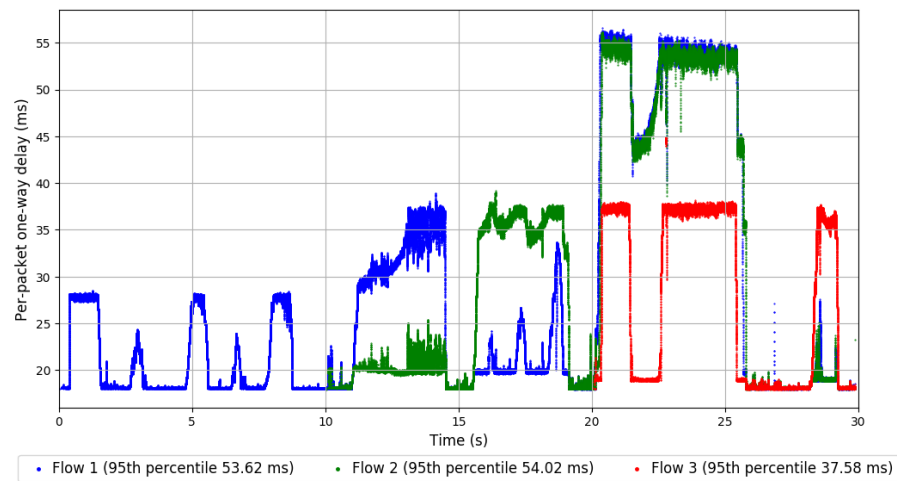
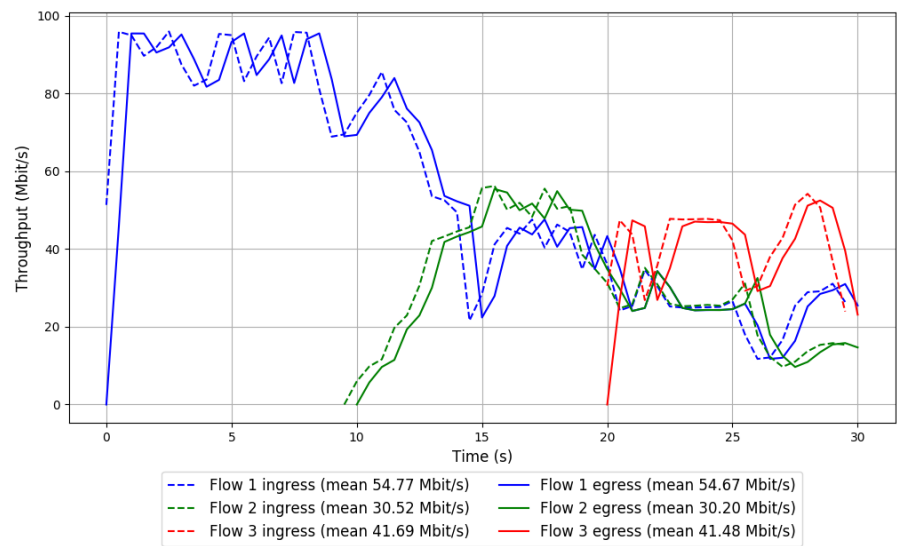


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-10 01:21:22
End at: 2018-08-10 01:21:52
Local clock offset: 1.174 ms
Remote clock offset: -6.012 ms

# Below is generated by plot.py at 2018-08-10 04:59:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.40 Mbit/s
95th percentile per-packet one-way delay: 53.622 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 54.67 Mbit/s
95th percentile per-packet one-way delay: 53.623 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 30.20 Mbit/s
95th percentile per-packet one-way delay: 54.025 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 41.48 Mbit/s
95th percentile per-packet one-way delay: 37.580 ms
Loss rate: 0.79%
```

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2018-08-10 01:41:50

End at: 2018-08-10 01:42:20

Local clock offset: 0.758 ms

Remote clock offset: -8.22 ms

Below is generated by plot.py at 2018-08-10 04:59:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.63 Mbit/s

95th percentile per-packet one-way delay: 49.600 ms

Loss rate: 0.47%

-- Flow 1:

Average throughput: 52.68 Mbit/s

95th percentile per-packet one-way delay: 48.272 ms

Loss rate: 0.45%

-- Flow 2:

Average throughput: 33.16 Mbit/s

95th percentile per-packet one-way delay: 54.989 ms

Loss rate: 0.53%

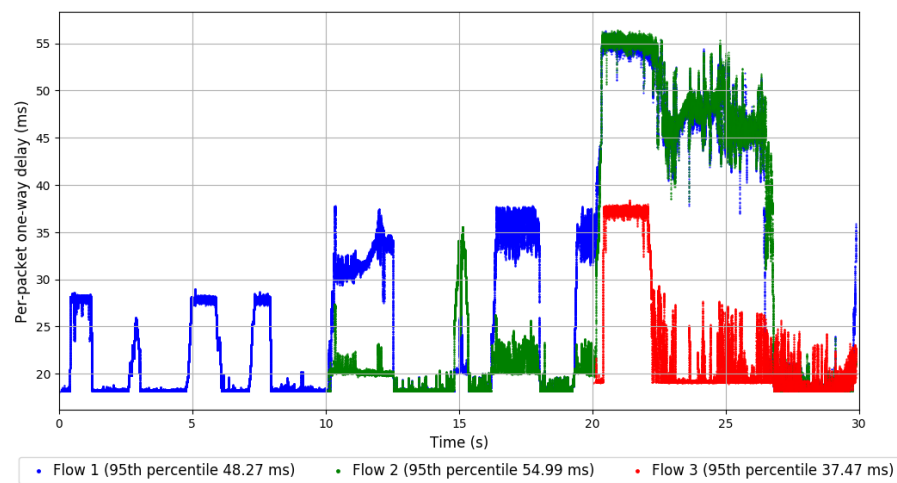
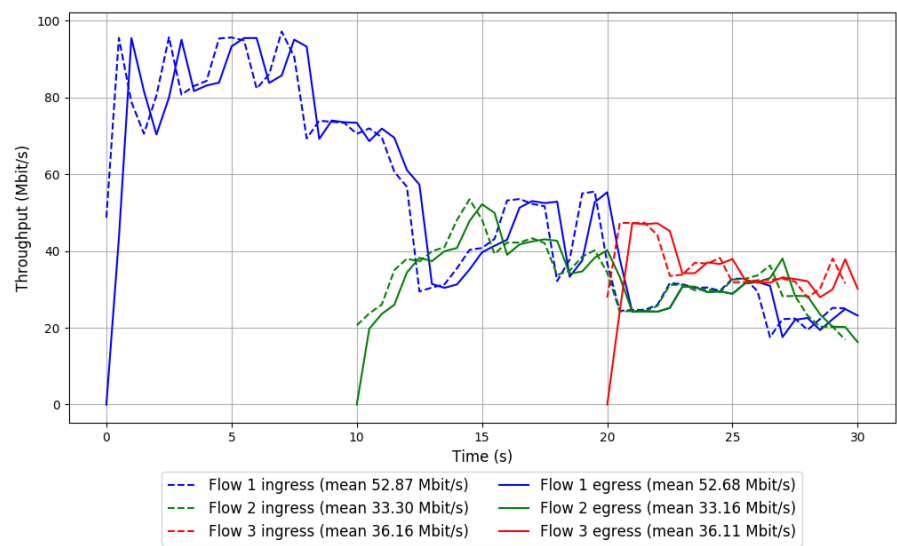
-- Flow 3:

Average throughput: 36.11 Mbit/s

95th percentile per-packet one-way delay: 37.473 ms

Loss rate: 0.47%

Run 2: Report of PCC-Expr — Data Link

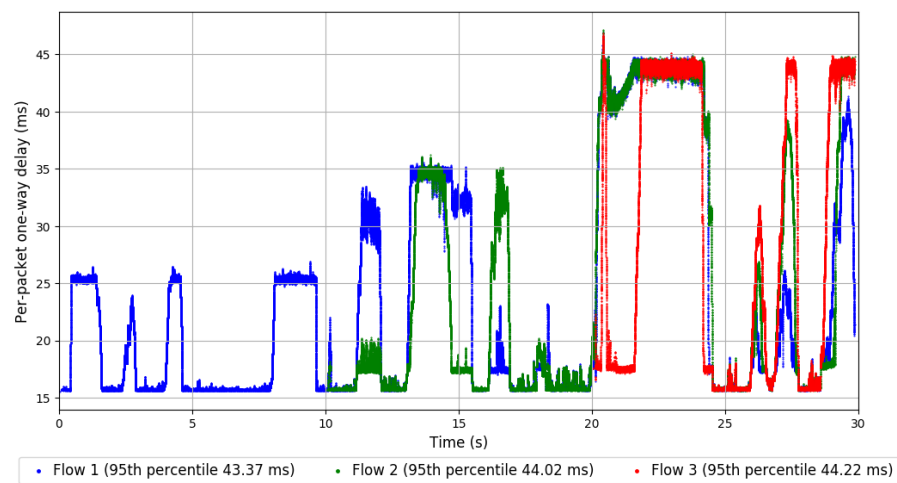
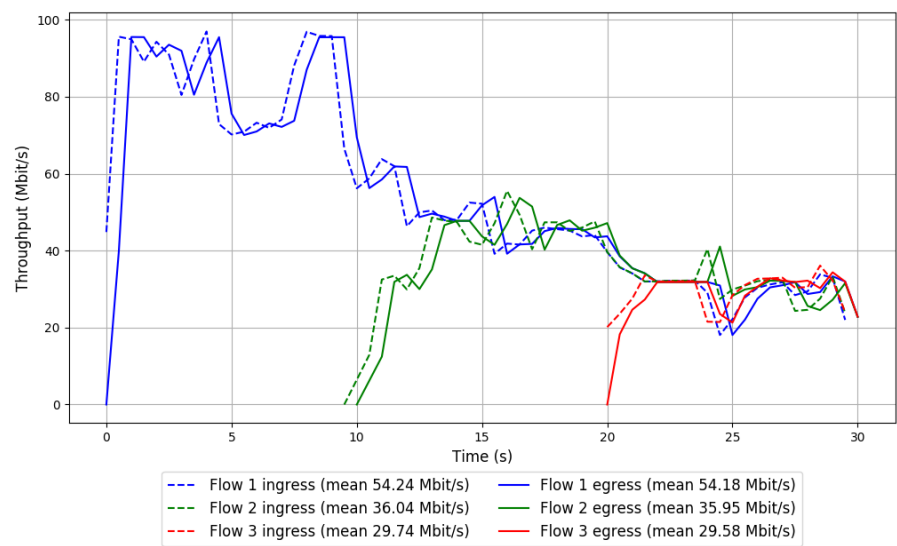


Run 3: Statistics of PCC-Expr

Start at: 2018-08-10 02:02:07
End at: 2018-08-10 02:02:37
Local clock offset: -0.79 ms
Remote clock offset: -6.133 ms

Below is generated by plot.py at 2018-08-10 04:59:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 43.935 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 54.18 Mbit/s
95th percentile per-packet one-way delay: 43.368 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 35.95 Mbit/s
95th percentile per-packet one-way delay: 44.016 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 44.217 ms
Loss rate: 0.91%

Run 3: Report of PCC-Expr — Data Link

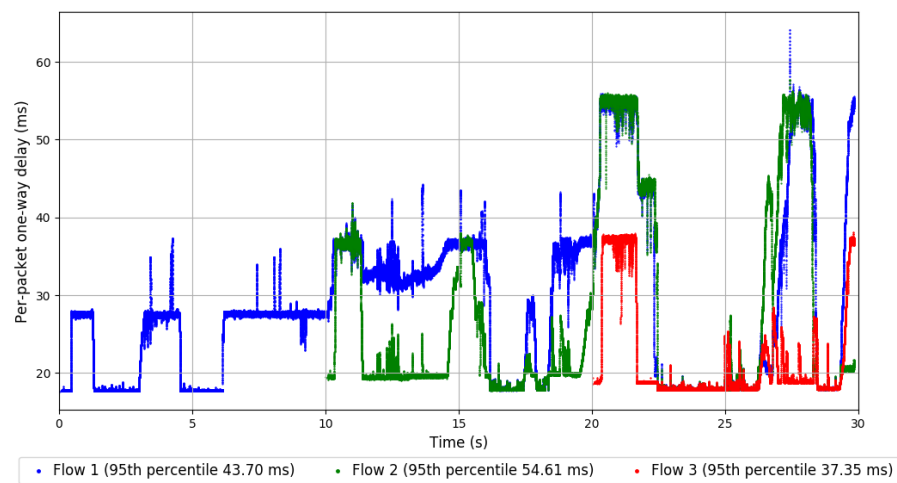
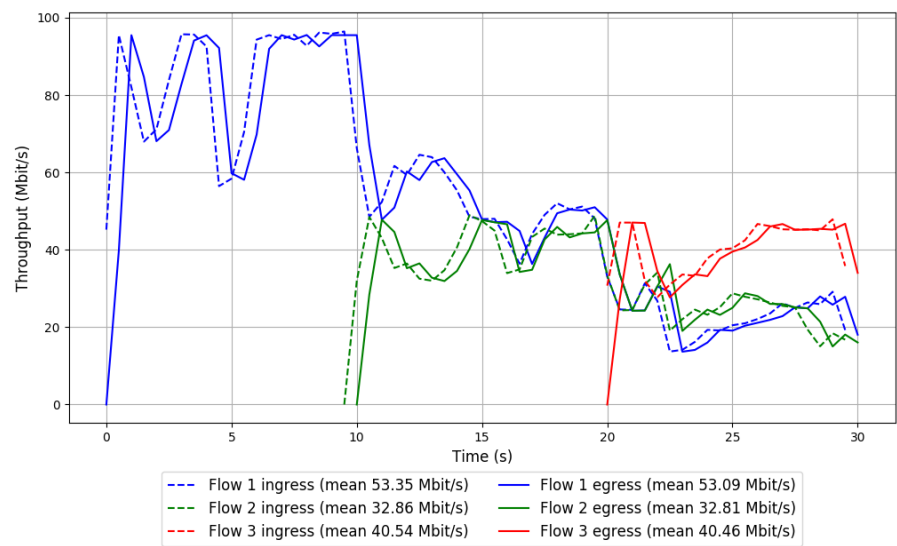


Run 4: Statistics of PCC-Expr

Start at: 2018-08-10 02:22:16
End at: 2018-08-10 02:22:46
Local clock offset: 0.824 ms
Remote clock offset: -6.205 ms

Below is generated by plot.py at 2018-08-10 05:00:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 45.808 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 43.700 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 32.81 Mbit/s
95th percentile per-packet one-way delay: 54.607 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 37.347 ms
Loss rate: 0.56%

Run 4: Report of PCC-Expr — Data Link

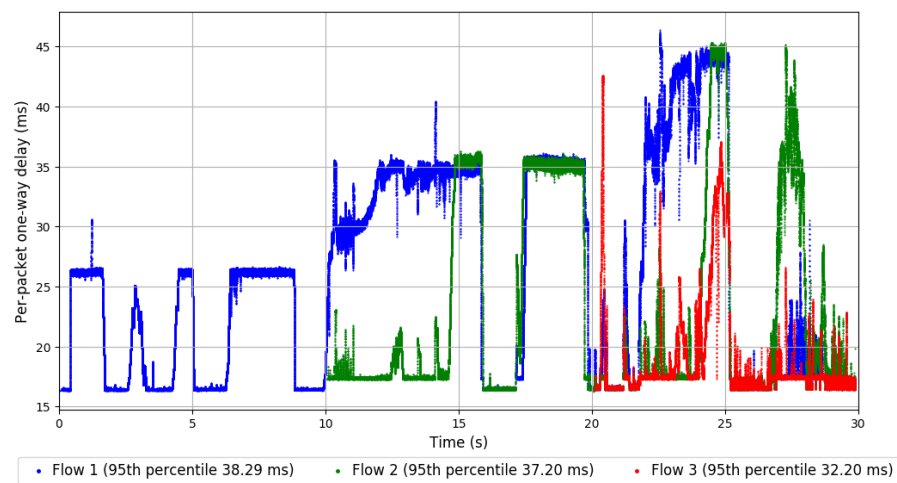
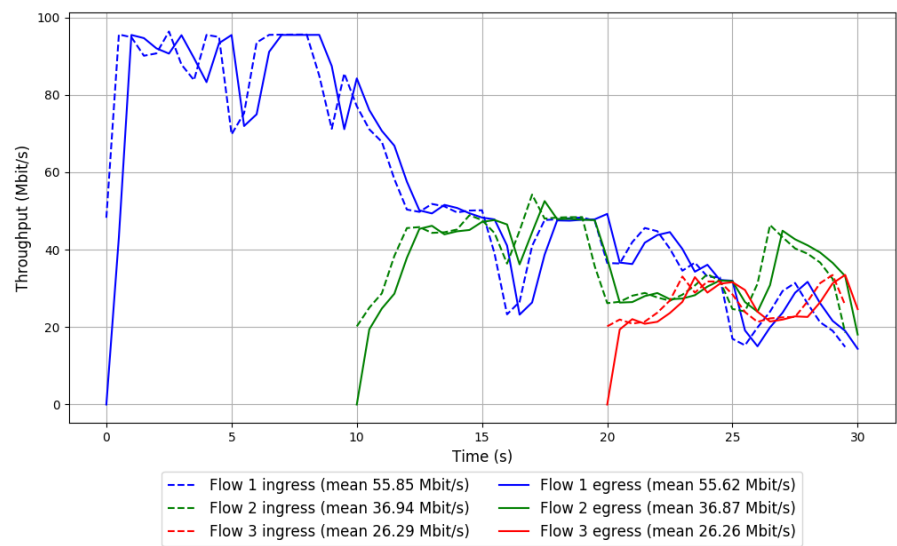


Run 5: Statistics of PCC-Expr

Start at: 2018-08-10 02:42:41
End at: 2018-08-10 02:43:11
Local clock offset: -1.095 ms
Remote clock offset: -3.798 ms

Below is generated by plot.py at 2018-08-10 05:00:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.78 Mbit/s
95th percentile per-packet one-way delay: 37.153 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 55.62 Mbit/s
95th percentile per-packet one-way delay: 38.286 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 36.87 Mbit/s
95th percentile per-packet one-way delay: 37.205 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 26.26 Mbit/s
95th percentile per-packet one-way delay: 32.197 ms
Loss rate: 0.41%

Run 5: Report of PCC-Expr — Data Link

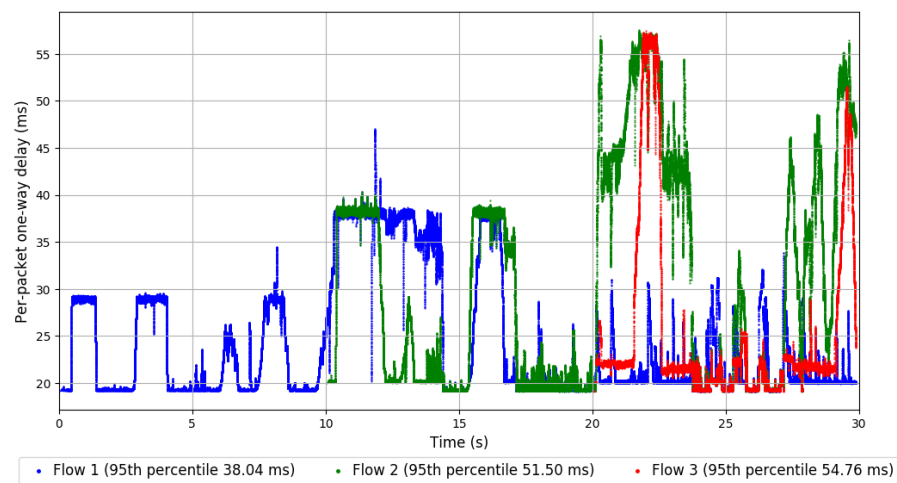
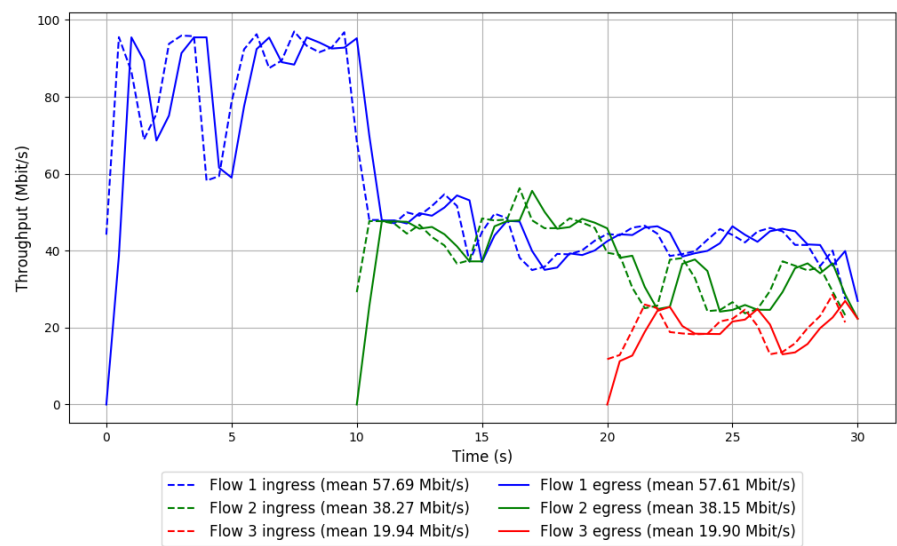


Run 6: Statistics of PCC-Expr

Start at: 2018-08-10 03:03:01
End at: 2018-08-10 03:03:31
Local clock offset: 2.206 ms
Remote clock offset: -4.522 ms

Below is generated by plot.py at 2018-08-10 05:00:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 42.768 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 57.61 Mbit/s
95th percentile per-packet one-way delay: 38.037 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 38.15 Mbit/s
95th percentile per-packet one-way delay: 51.496 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 19.90 Mbit/s
95th percentile per-packet one-way delay: 54.758 ms
Loss rate: 0.49%

Run 6: Report of PCC-Expr — Data Link

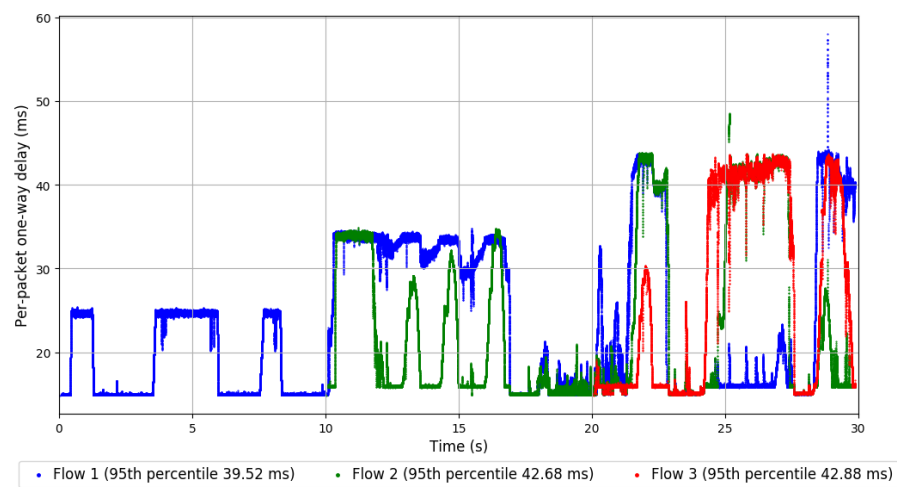
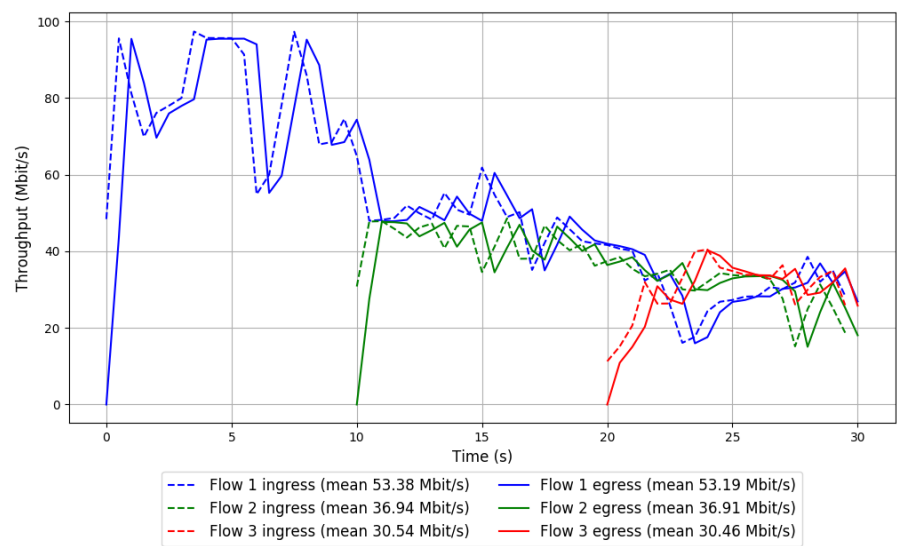


Run 7: Statistics of PCC-Expr

Start at: 2018-08-10 03:23:15
End at: 2018-08-10 03:23:45
Local clock offset: -1.179 ms
Remote clock offset: -6.191 ms

Below is generated by plot.py at 2018-08-10 05:00:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 42.077 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 53.19 Mbit/s
95th percentile per-packet one-way delay: 39.524 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 36.91 Mbit/s
95th percentile per-packet one-way delay: 42.679 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 30.46 Mbit/s
95th percentile per-packet one-way delay: 42.876 ms
Loss rate: 0.57%

Run 7: Report of PCC-Expr — Data Link

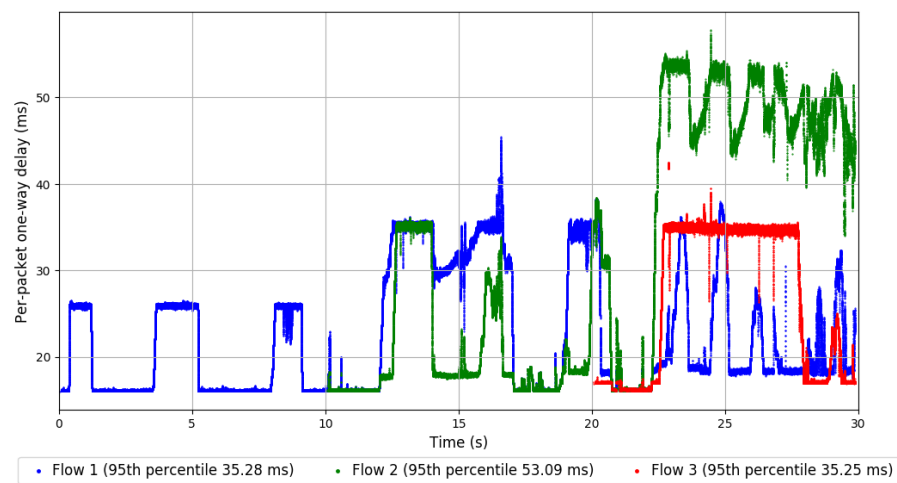
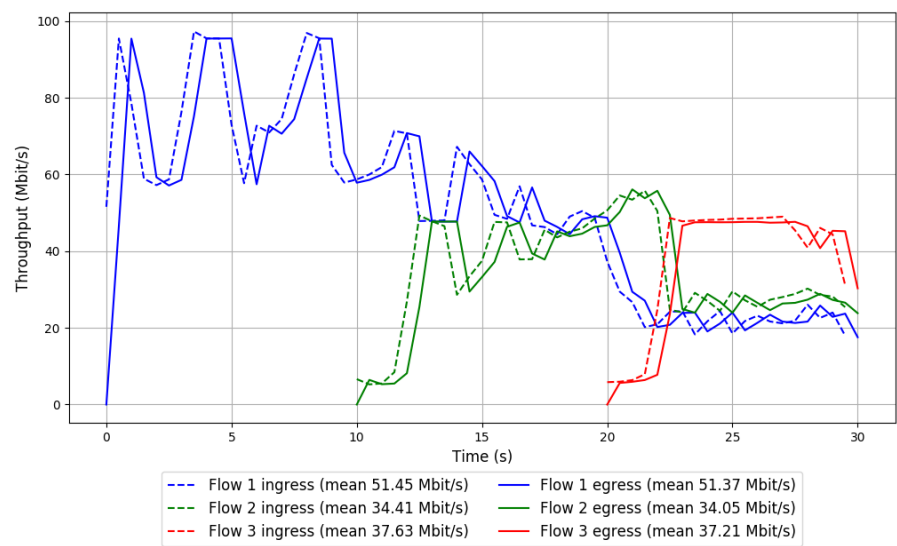


Run 8: Statistics of PCC-Expr

Start at: 2018-08-10 03:43:26
End at: 2018-08-10 03:43:56
Local clock offset: -1.909 ms
Remote clock offset: -7.393 ms

Below is generated by plot.py at 2018-08-10 05:00:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.27 Mbit/s
95th percentile per-packet one-way delay: 46.965 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 51.37 Mbit/s
95th percentile per-packet one-way delay: 35.277 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 34.05 Mbit/s
95th percentile per-packet one-way delay: 53.088 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 37.21 Mbit/s
95th percentile per-packet one-way delay: 35.253 ms
Loss rate: 1.45%

Run 8: Report of PCC-Expr — Data Link

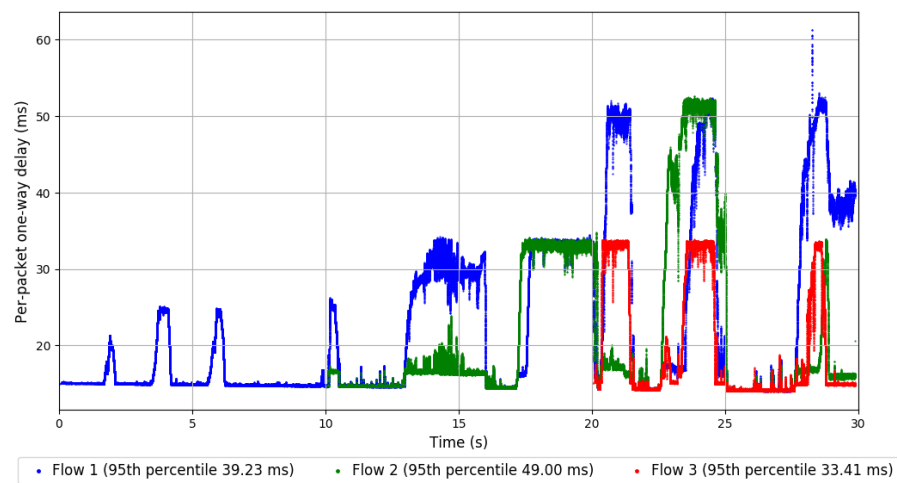
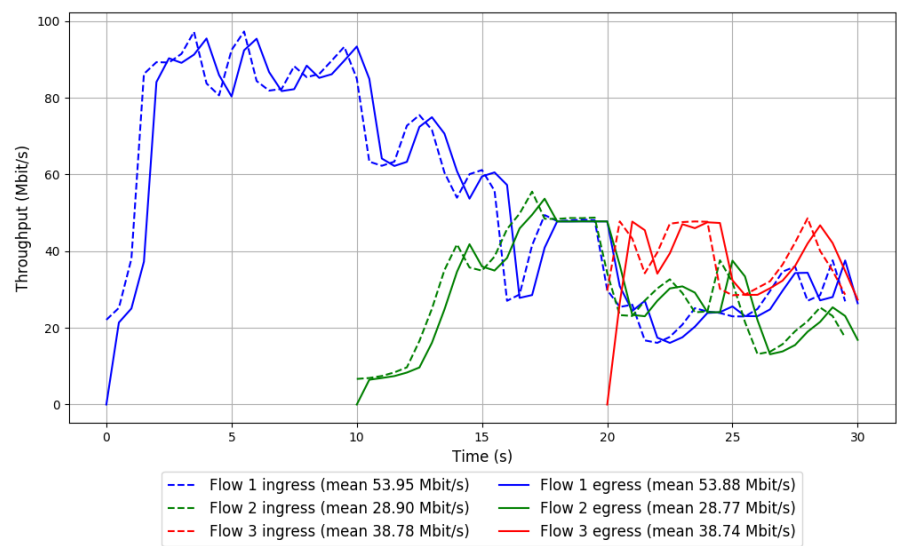


Run 9: Statistics of PCC-Expr

Start at: 2018-08-10 04:03:26
End at: 2018-08-10 04:03:56
Local clock offset: 0.236 ms
Remote clock offset: -93.556 ms

Below is generated by plot.py at 2018-08-10 05:01:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.77 Mbit/s
95th percentile per-packet one-way delay: 39.284 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 39.234 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 48.996 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 33.405 ms
Loss rate: 0.40%

Run 9: Report of PCC-Expr — Data Link

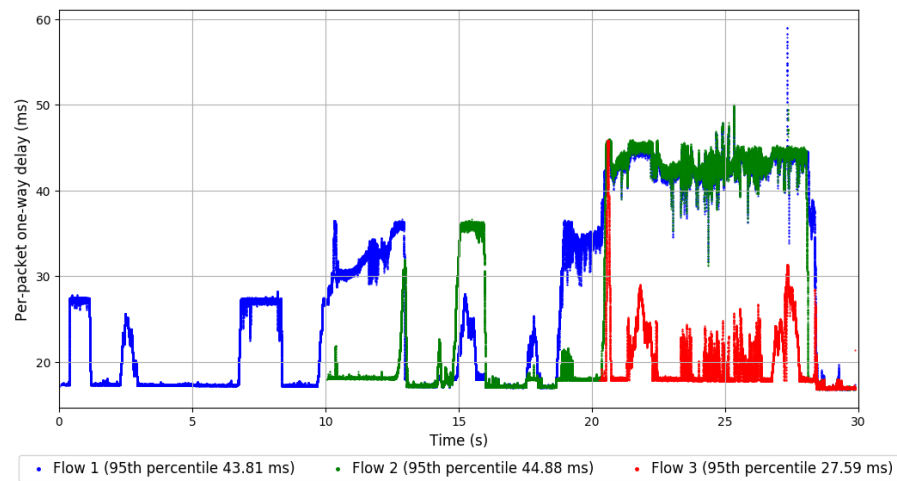
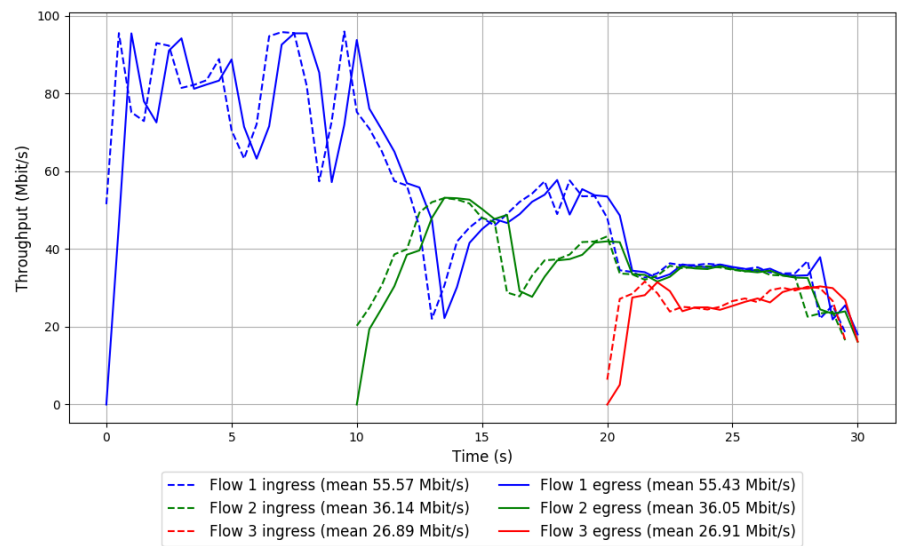


Run 10: Statistics of PCC-Expr

Start at: 2018-08-10 04:23:35
End at: 2018-08-10 04:24:05
Local clock offset: 2.132 ms
Remote clock offset: -94.774 ms

Below is generated by plot.py at 2018-08-10 05:01:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 44.222 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 55.43 Mbit/s
95th percentile per-packet one-way delay: 43.811 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 44.877 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 26.91 Mbit/s
95th percentile per-packet one-way delay: 27.588 ms
Loss rate: 0.23%

Run 10: Report of PCC-Expr — Data Link

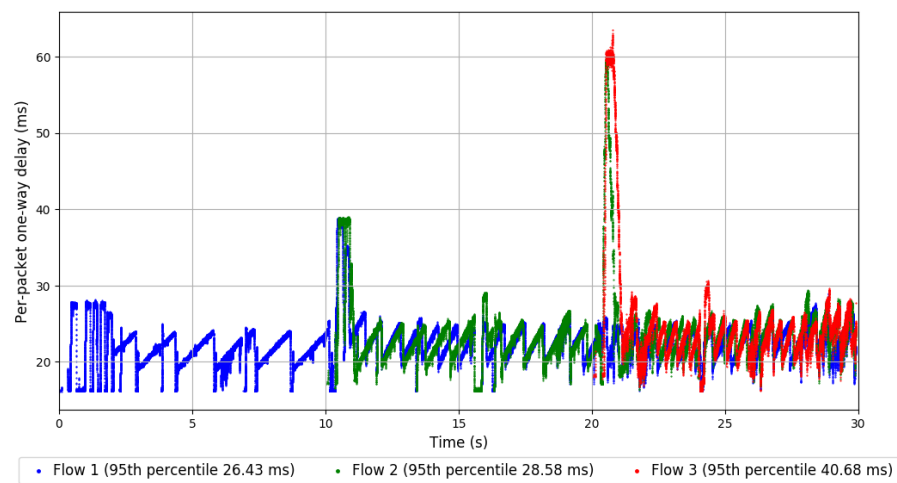
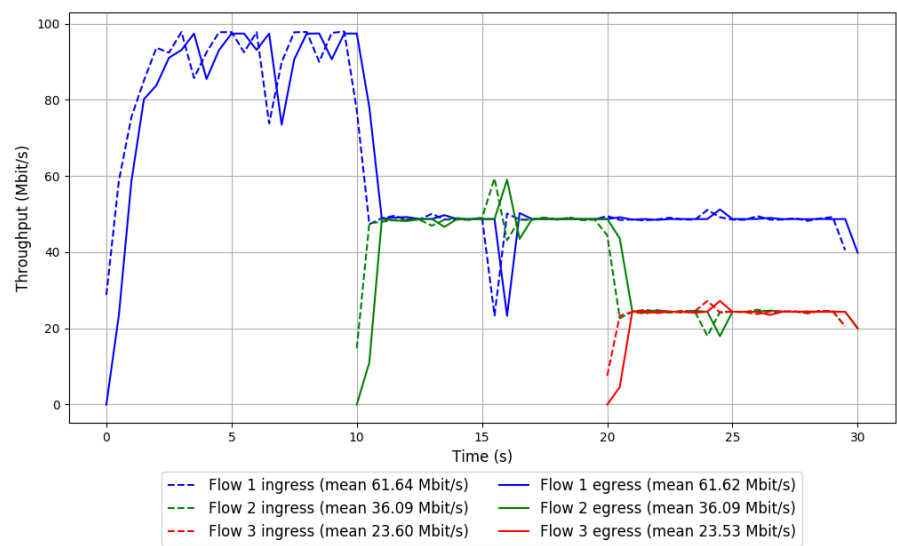


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-10 01:29:42
End at: 2018-08-10 01:30:12
Local clock offset: -1.43 ms
Remote clock offset: -7.927 ms

Below is generated by plot.py at 2018-08-10 05:01:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 27.393 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 61.62 Mbit/s
95th percentile per-packet one-way delay: 26.434 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 28.584 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 23.53 Mbit/s
95th percentile per-packet one-way delay: 40.681 ms
Loss rate: 0.55%

Run 1: Report of QUIC Cubic — Data Link

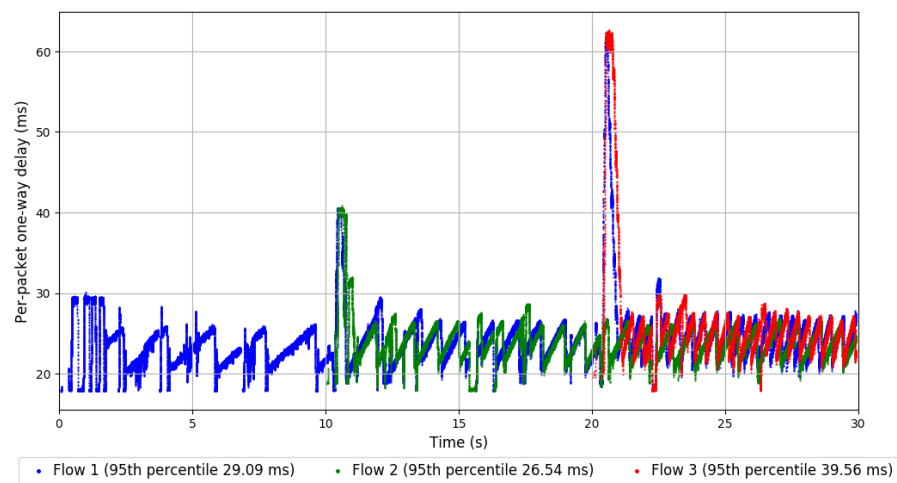
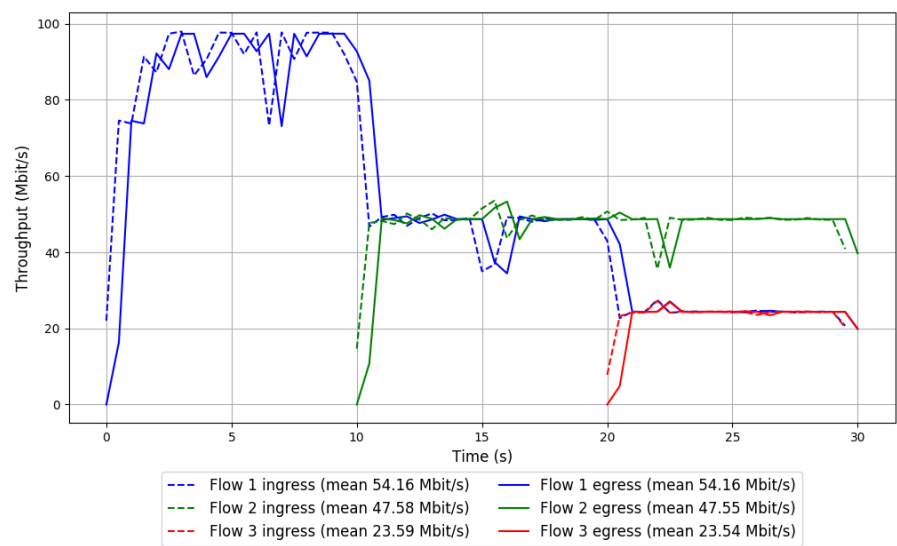


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-10 01:50:10
End at: 2018-08-10 01:50:40
Local clock offset: 0.106 ms
Remote clock offset: -7.409 ms

Below is generated by plot.py at 2018-08-10 05:01:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 28.765 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 54.16 Mbit/s
95th percentile per-packet one-way delay: 29.093 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 26.540 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 23.54 Mbit/s
95th percentile per-packet one-way delay: 39.559 ms
Loss rate: 0.48%

Run 2: Report of QUIC Cubic — Data Link

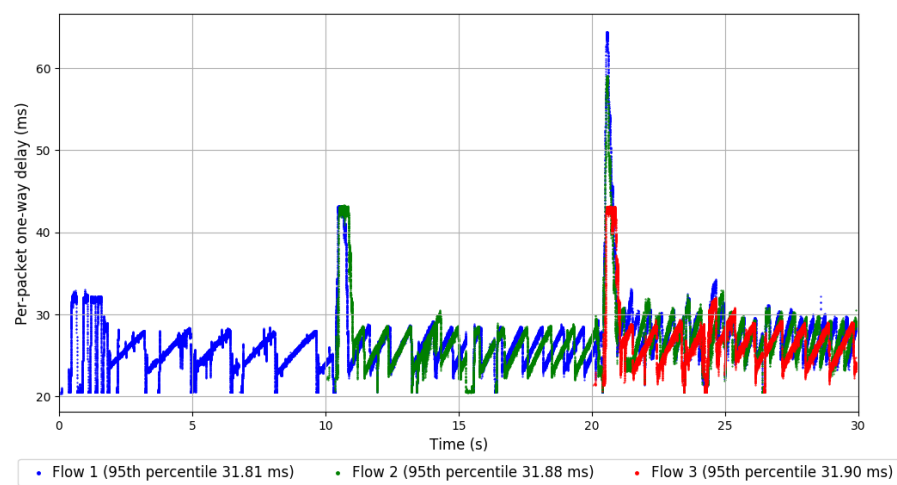
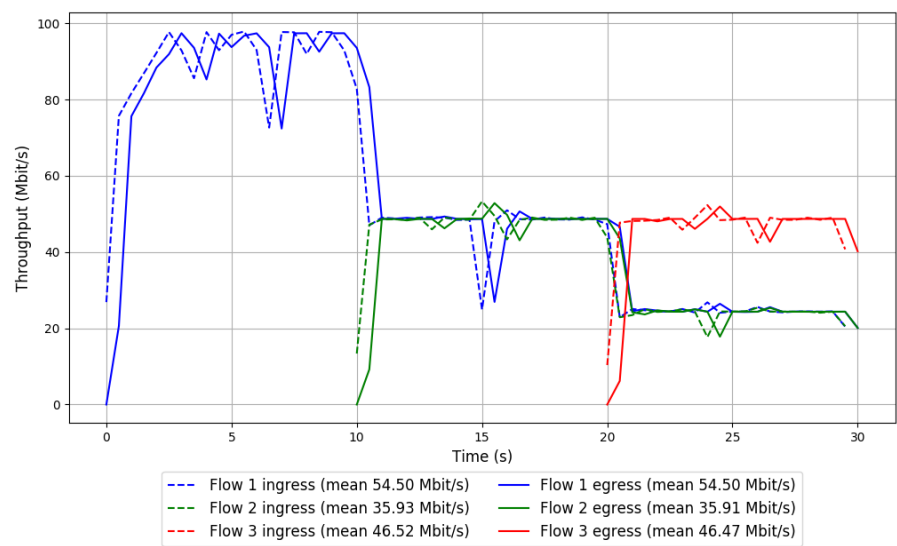


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-10 02:10:18
End at: 2018-08-10 02:10:48
Local clock offset: 3.148 ms
Remote clock offset: -7.005 ms

Below is generated by plot.py at 2018-08-10 05:01:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.71 Mbit/s
95th percentile per-packet one-way delay: 31.812 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 54.50 Mbit/s
95th percentile per-packet one-way delay: 31.806 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 35.91 Mbit/s
95th percentile per-packet one-way delay: 31.884 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 46.47 Mbit/s
95th percentile per-packet one-way delay: 31.902 ms
Loss rate: 0.39%

Run 3: Report of QUIC Cubic — Data Link

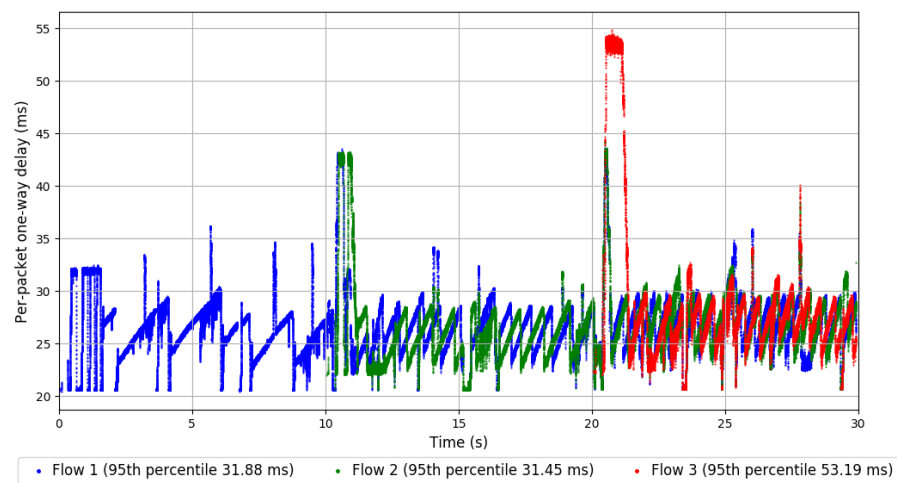
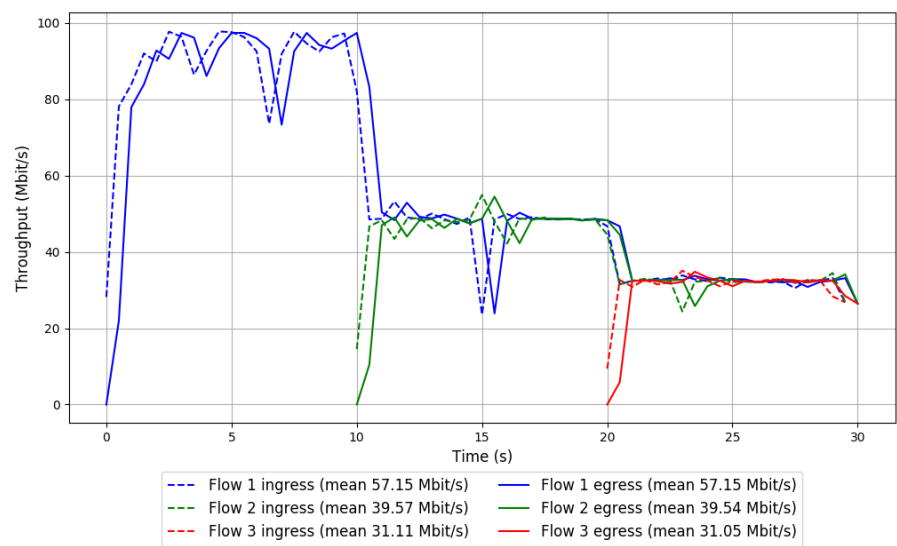


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-10 02:30:38
End at: 2018-08-10 02:31:08
Local clock offset: 2.905 ms
Remote clock offset: -5.112 ms

Below is generated by plot.py at 2018-08-10 05:01:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 31.950 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 57.15 Mbit/s
95th percentile per-packet one-way delay: 31.884 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 31.445 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.05 Mbit/s
95th percentile per-packet one-way delay: 53.185 ms
Loss rate: 0.47%

Run 4: Report of QUIC Cubic — Data Link

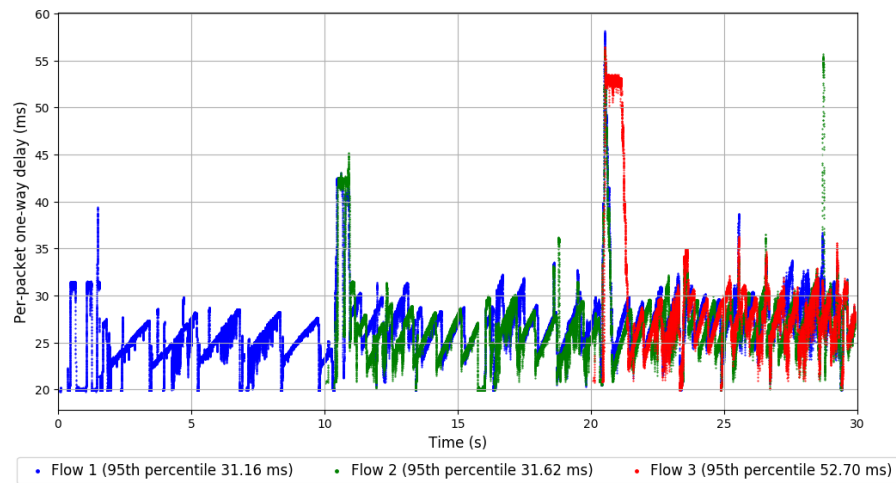
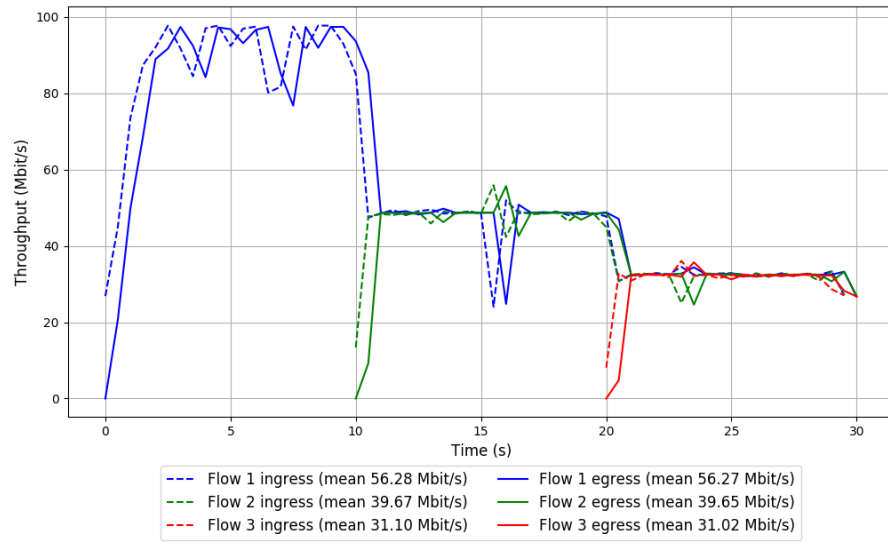


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-10 02:50:56
End at: 2018-08-10 02:51:26
Local clock offset: 1.952 ms
Remote clock offset: -3.548 ms

Below is generated by plot.py at 2018-08-10 05:02:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 31.354 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 31.157 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 31.621 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 52.702 ms
Loss rate: 0.51%

Run 5: Report of QUIC Cubic — Data Link

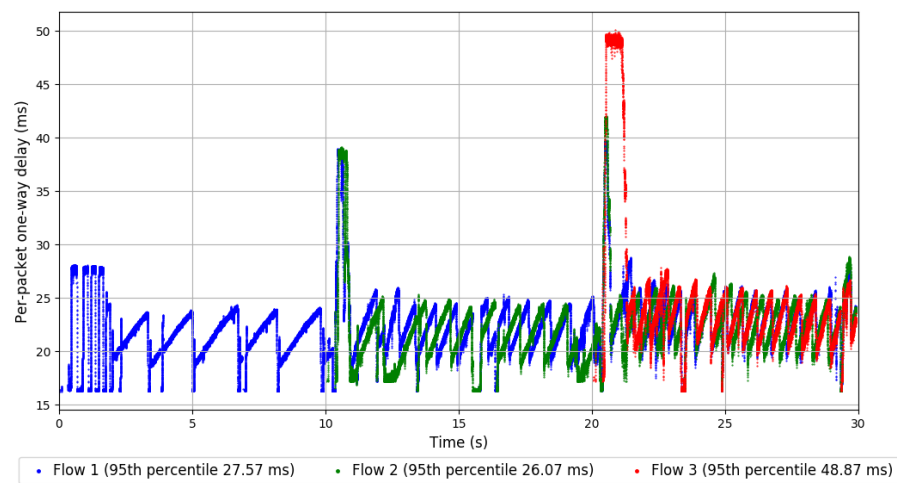
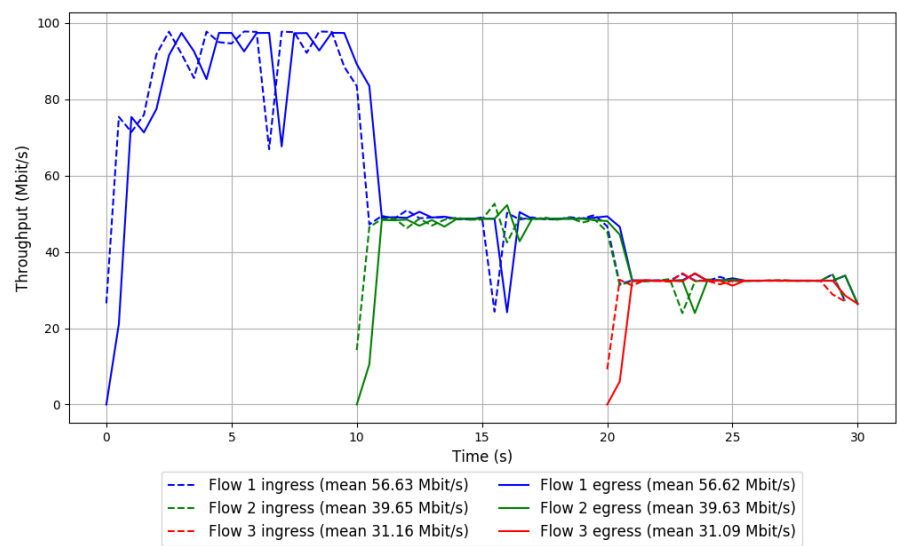


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-10 03:11:23
End at: 2018-08-10 03:11:53
Local clock offset: -1.134 ms
Remote clock offset: -6.298 ms

Below is generated by plot.py at 2018-08-10 05:02:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 27.593 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.62 Mbit/s
95th percentile per-packet one-way delay: 27.572 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.63 Mbit/s
95th percentile per-packet one-way delay: 26.069 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 48.866 ms
Loss rate: 0.49%

Run 6: Report of QUIC Cubic — Data Link

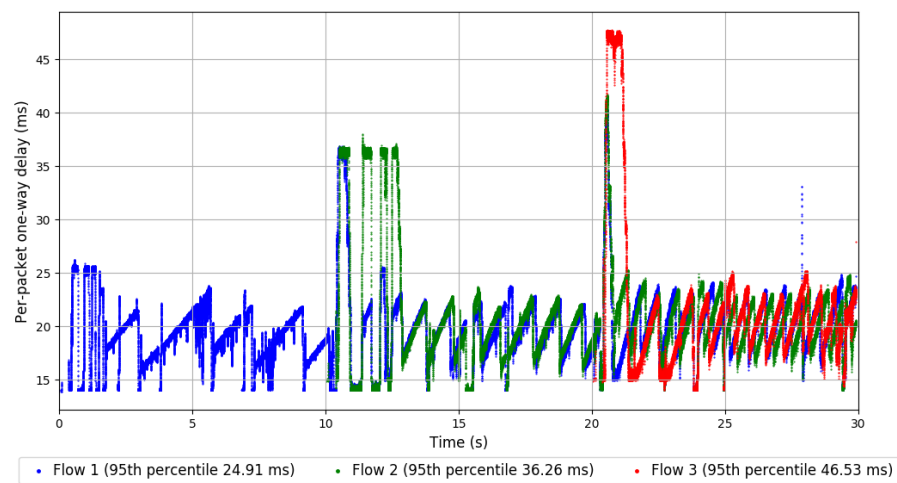
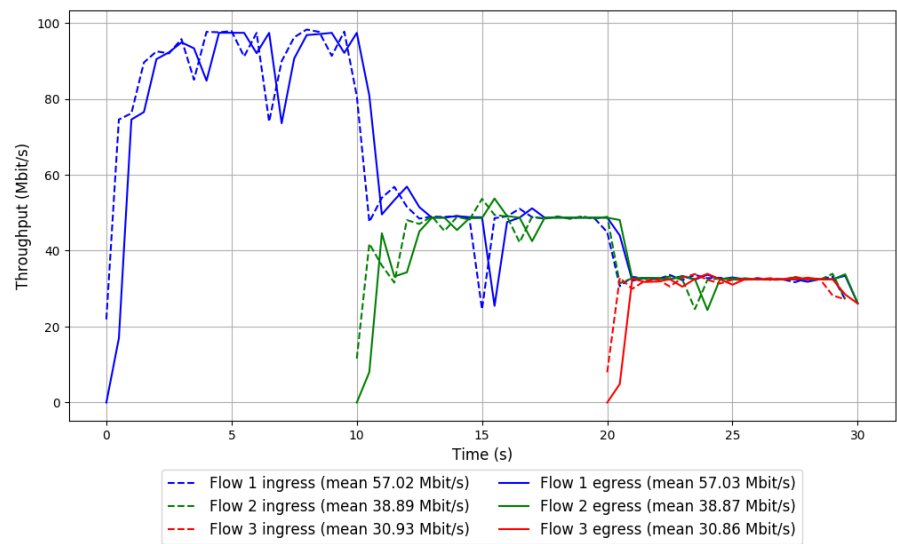


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-10 03:31:33
End at: 2018-08-10 03:32:03
Local clock offset: -2.998 ms
Remote clock offset: -6.679 ms

Below is generated by plot.py at 2018-08-10 05:02:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 25.548 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.03 Mbit/s
95th percentile per-packet one-way delay: 24.911 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 38.87 Mbit/s
95th percentile per-packet one-way delay: 36.259 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 46.534 ms
Loss rate: 0.50%

Run 7: Report of QUIC Cubic — Data Link

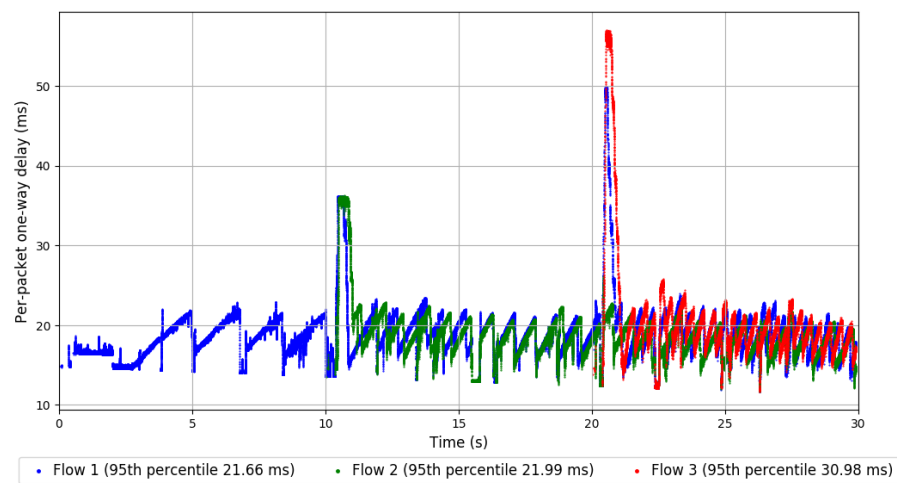
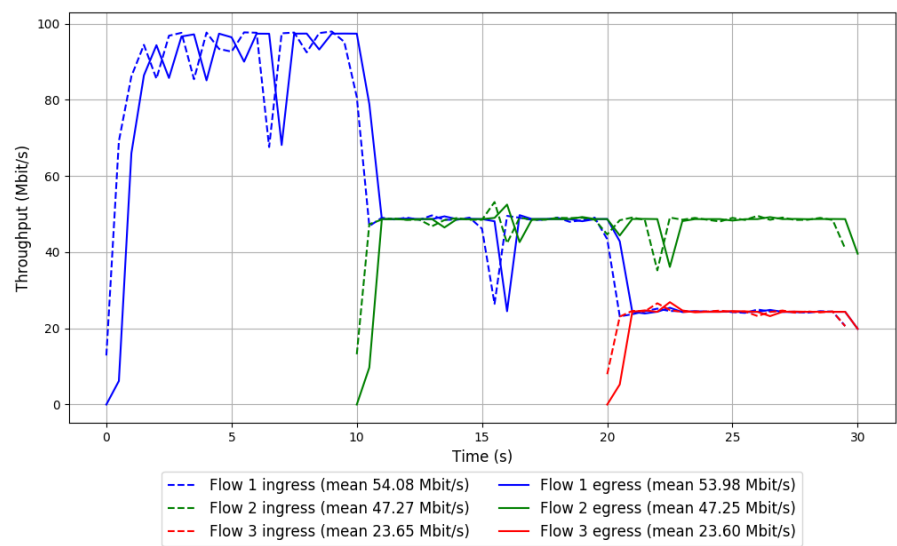


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-10 03:51:29
End at: 2018-08-10 03:51:59
Local clock offset: 0.245 ms
Remote clock offset: -47.066 ms

Below is generated by plot.py at 2018-08-10 05:02:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 21.933 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 21.664 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 47.25 Mbit/s
95th percentile per-packet one-way delay: 21.987 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.60 Mbit/s
95th percentile per-packet one-way delay: 30.981 ms
Loss rate: 0.49%

Run 8: Report of QUIC Cubic — Data Link

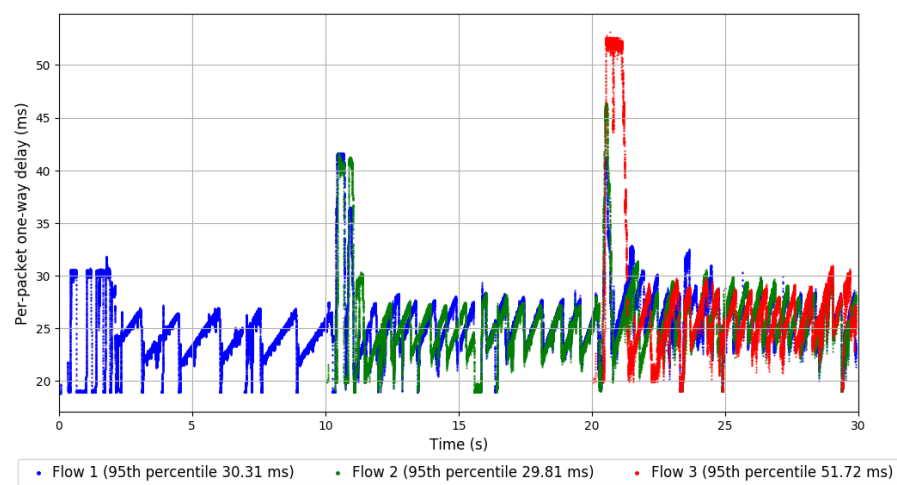
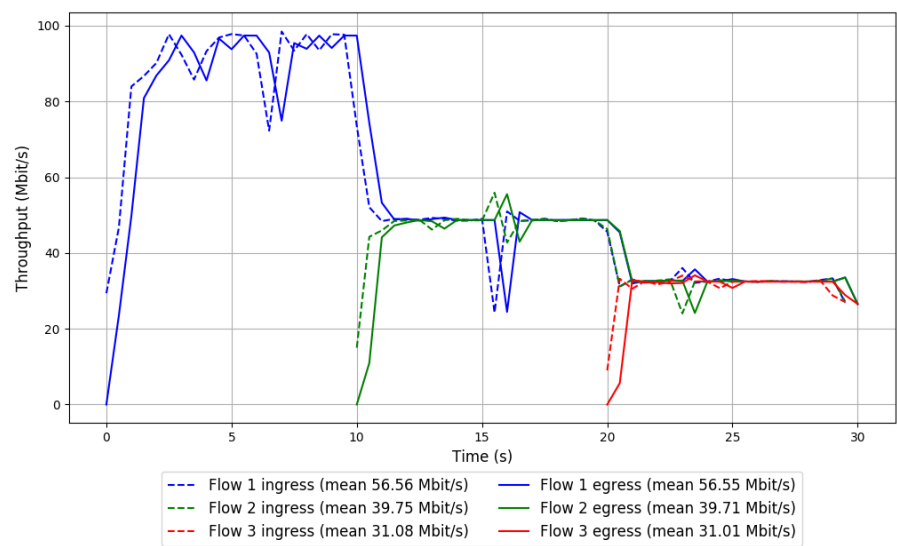


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-10 04:11:44
End at: 2018-08-10 04:12:14
Local clock offset: 2.943 ms
Remote clock offset: -89.046 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 30.337 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.55 Mbit/s
95th percentile per-packet one-way delay: 30.309 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 39.71 Mbit/s
95th percentile per-packet one-way delay: 29.811 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 51.723 ms
Loss rate: 0.51%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-10 04:31:59

End at: 2018-08-10 04:32:29

Local clock offset: 2.343 ms

Remote clock offset: -105.33 ms

Below is generated by plot.py at 2018-08-10 05:02:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 29.188 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 54.33 Mbit/s

95th percentile per-packet one-way delay: 29.388 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 47.37 Mbit/s

95th percentile per-packet one-way delay: 26.956 ms

Loss rate: 0.20%

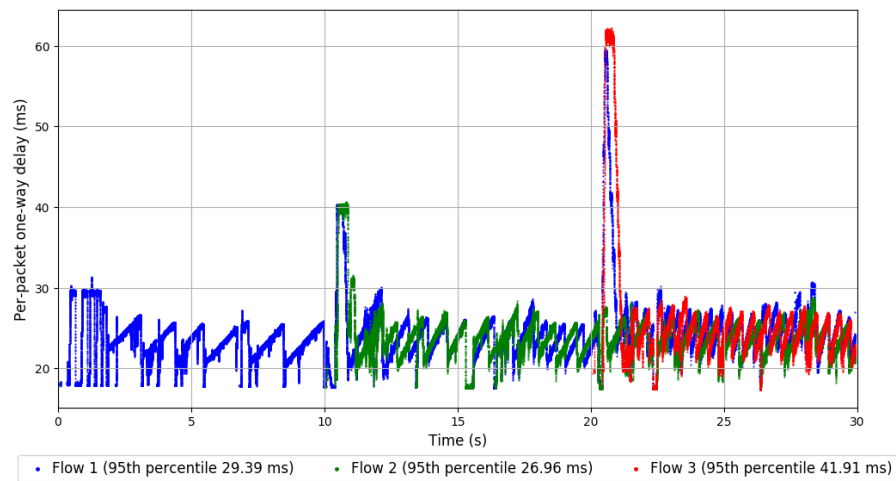
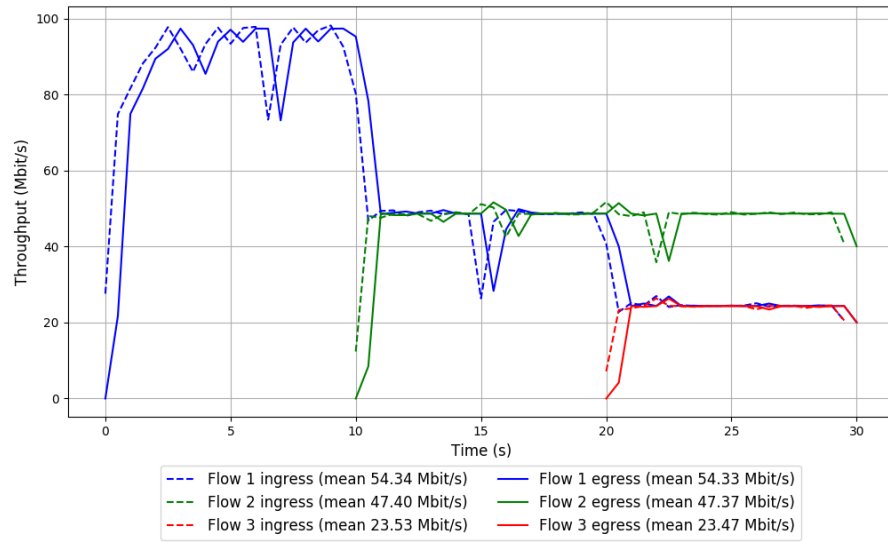
-- Flow 3:

Average throughput: 23.47 Mbit/s

95th percentile per-packet one-way delay: 41.908 ms

Loss rate: 0.52%

Run 10: Report of QUIC Cubic — Data Link

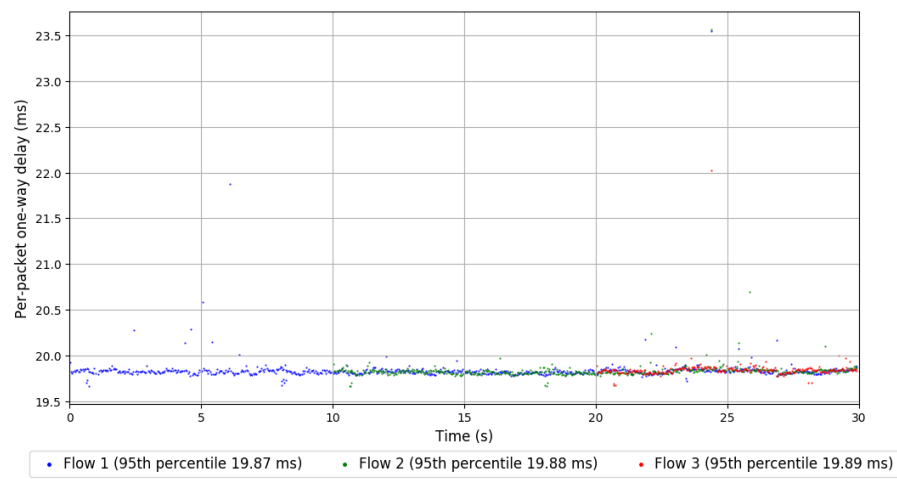
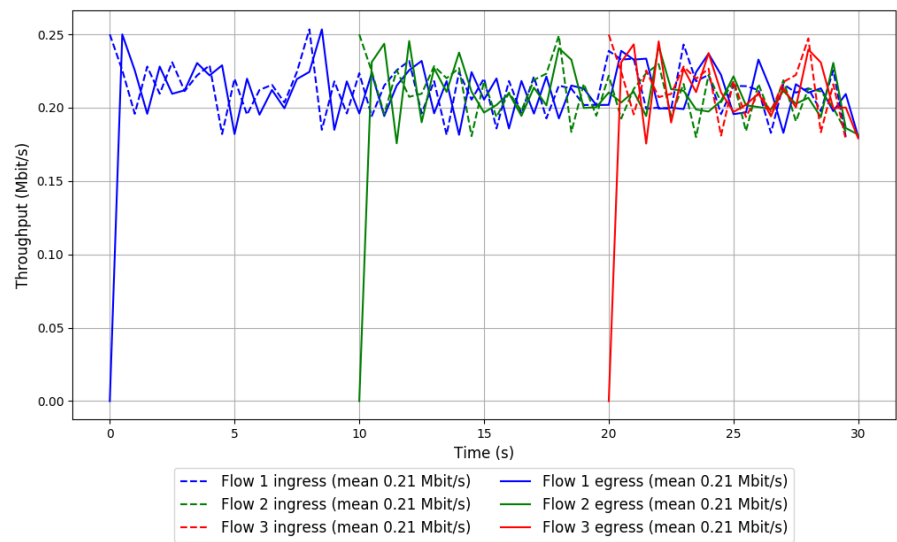


```
Run 1: Statistics of SCReAM

Start at: 2018-08-10 01:30:54
End at: 2018-08-10 01:31:24
Local clock offset: 2.116 ms
Remote clock offset: -8.062 ms

# Below is generated by plot.py at 2018-08-10 05:02:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 19.878 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.874 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.877 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.888 ms
Loss rate: 0.36%
```

Run 1: Report of SReAM — Data Link

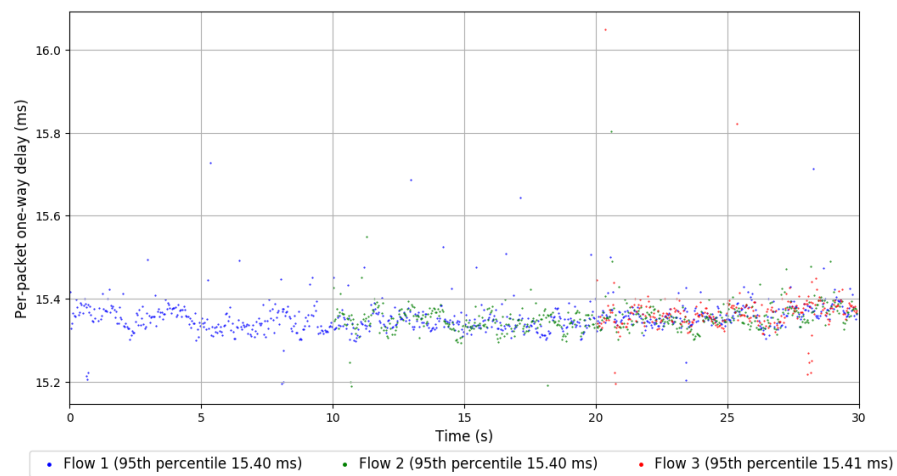
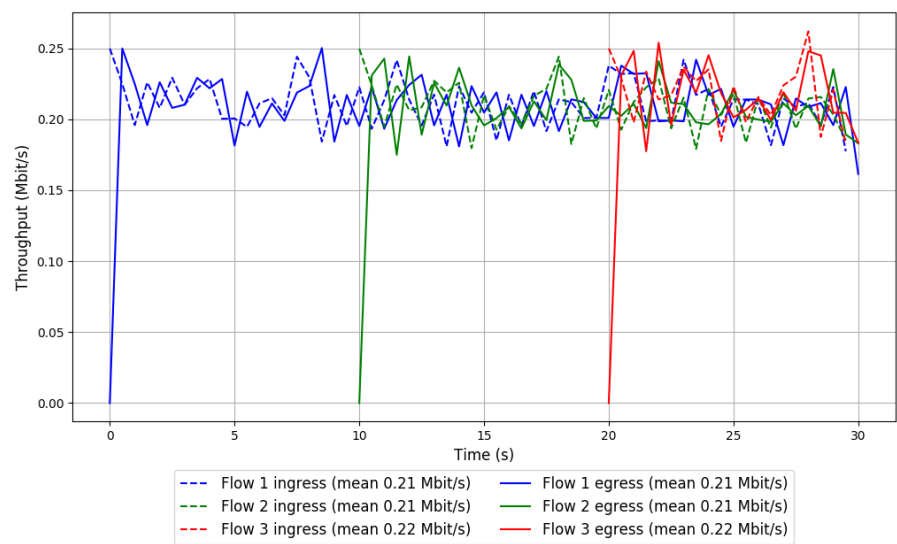


Run 2: Statistics of SCReAM

Start at: 2018-08-10 01:51:21
End at: 2018-08-10 01:51:51
Local clock offset: -1.356 ms
Remote clock offset: -6.321 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 15.404 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.404 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.398 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 15.406 ms
Loss rate: 0.35%

Run 2: Report of SReAM — Data Link

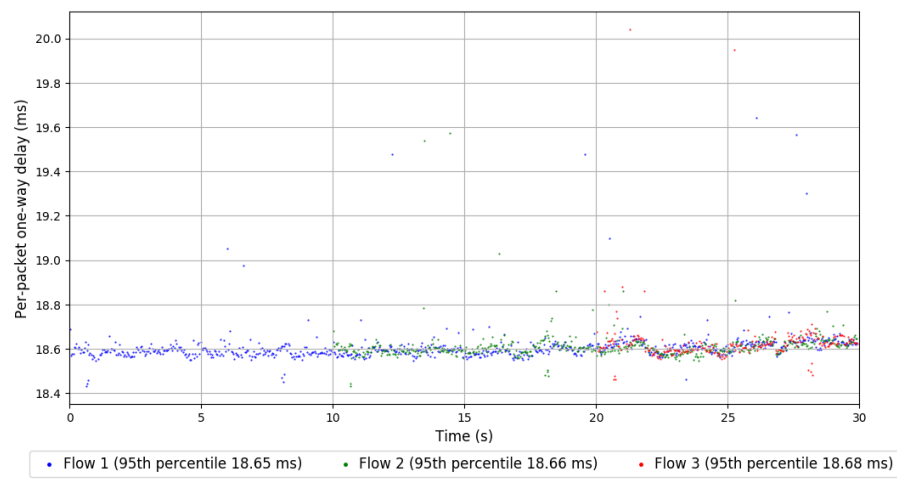
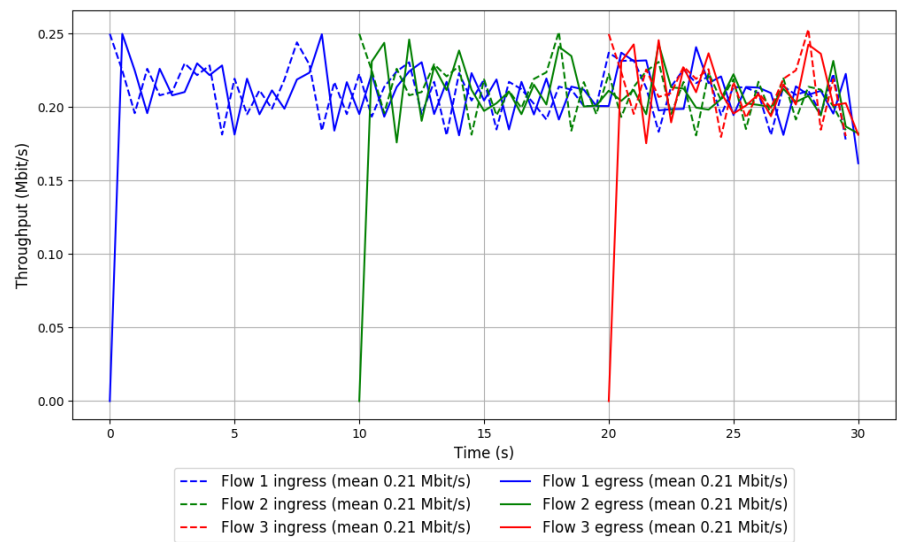


Run 3: Statistics of SReAM

Start at: 2018-08-10 02:11:28
End at: 2018-08-10 02:11:58
Local clock offset: 1.395 ms
Remote clock offset: -6.855 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 18.664 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.652 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.662 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.675 ms
Loss rate: 0.36%

Run 3: Report of SReAM — Data Link

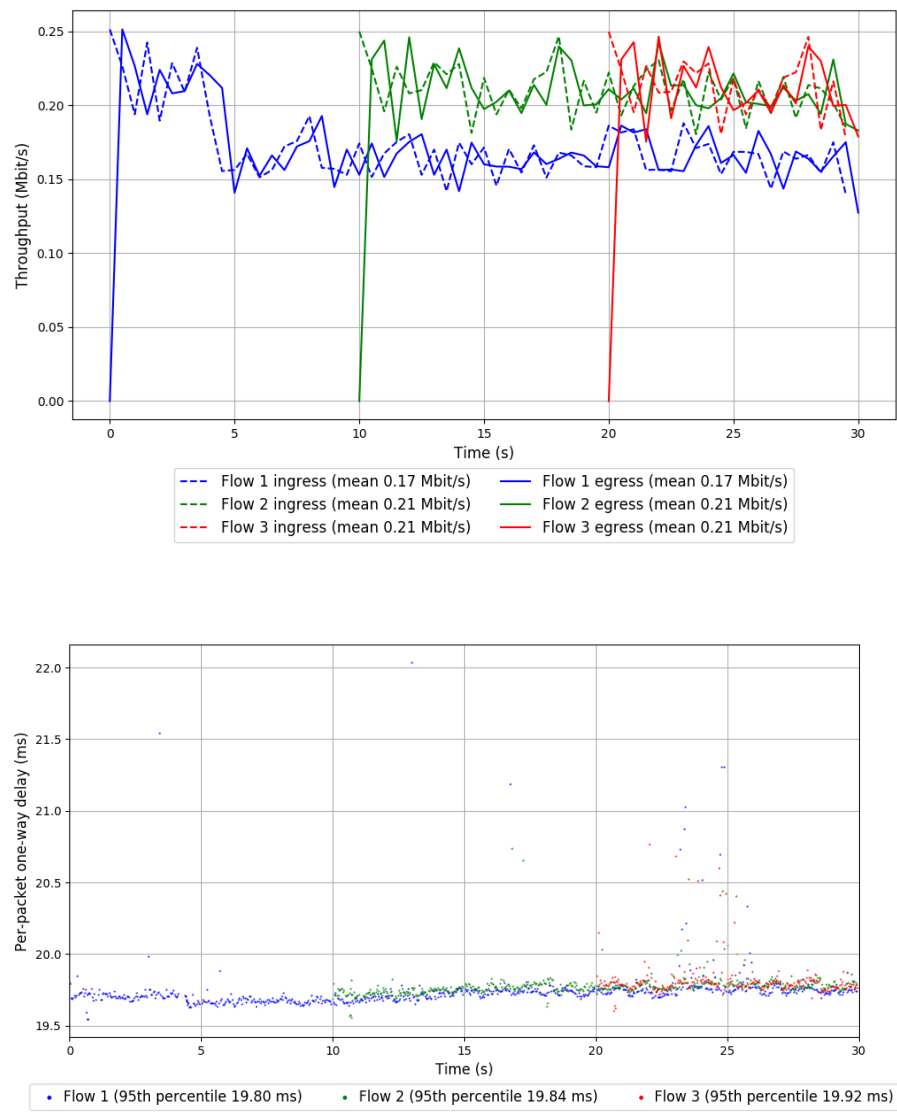


Run 4: Statistics of SReAM

Start at: 2018-08-10 02:31:49
End at: 2018-08-10 02:32:19
Local clock offset: 1.926 ms
Remote clock offset: -5.074 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 19.848 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 19.796 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.838 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.924 ms
Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

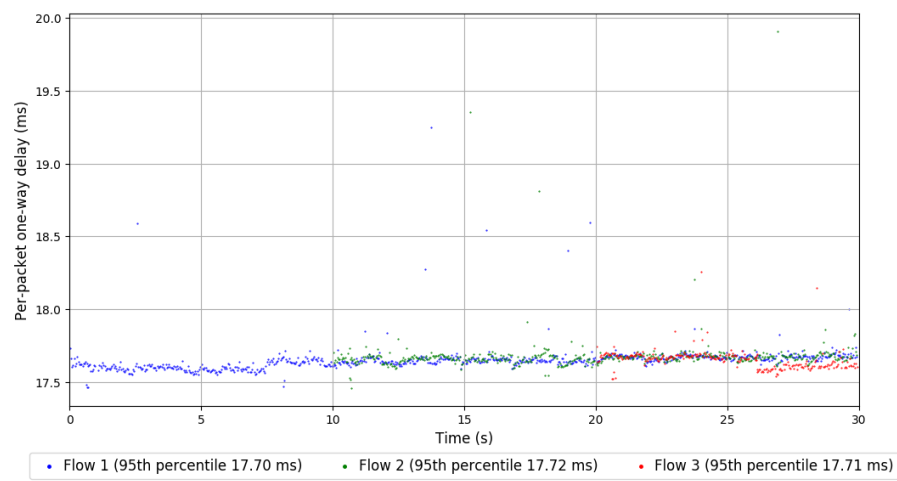
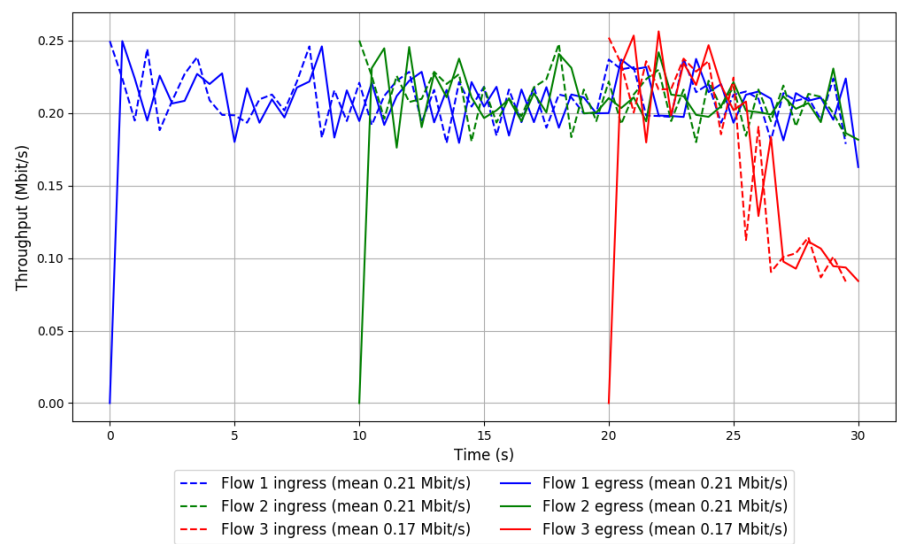


Run 5: Statistics of SCReAM

Start at: 2018-08-10 02:52:13
End at: 2018-08-10 02:52:43
Local clock offset: 0.329 ms
Remote clock offset: -2.737 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 17.707 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.695 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.720 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 17.708 ms
Loss rate: 0.21%

Run 5: Report of SReAM — Data Link

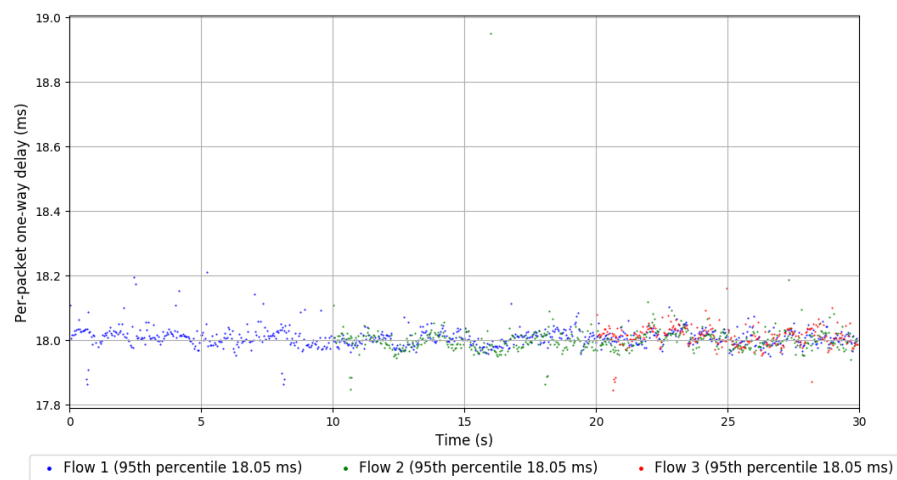
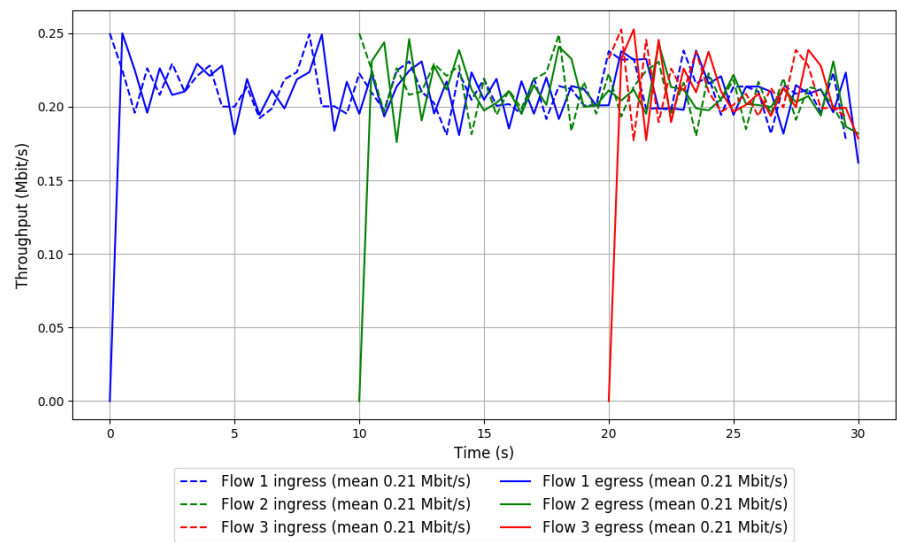


Run 6: Statistics of SReAM

Start at: 2018-08-10 03:12:32
End at: 2018-08-10 03:13:02
Local clock offset: 0.484 ms
Remote clock offset: -6.489 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 18.051 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.051 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.045 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.054 ms
Loss rate: 0.35%

Run 6: Report of SReAM — Data Link

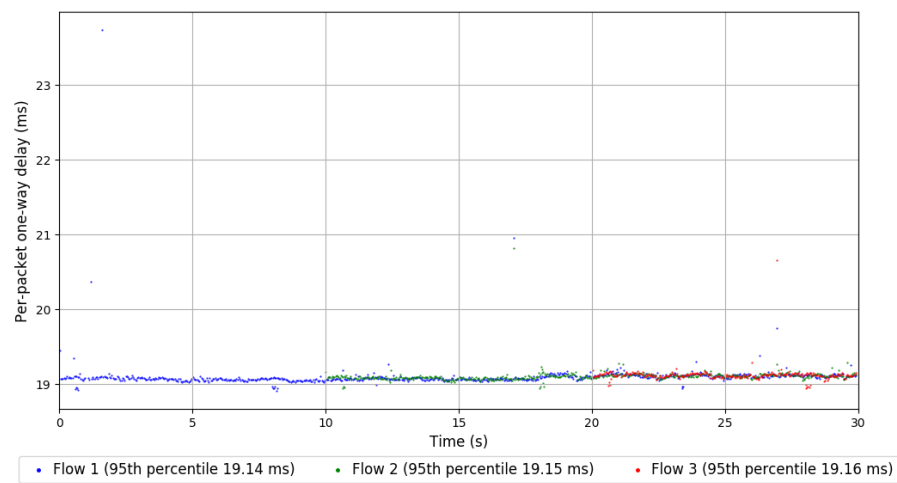
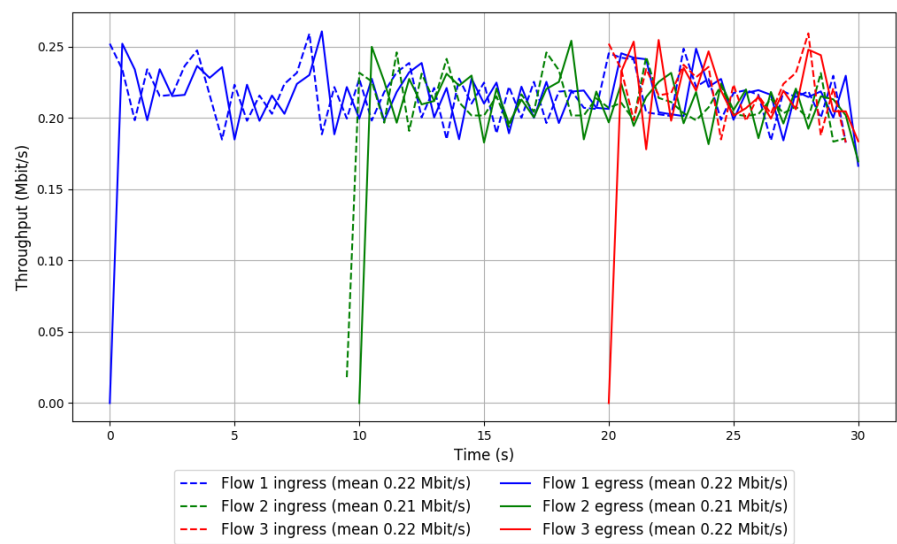


Run 7: Statistics of SReAM

Start at: 2018-08-10 03:32:50
End at: 2018-08-10 03:33:20
Local clock offset: 1.146 ms
Remote clock offset: -7.518 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.152 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.145 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.152 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.161 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: 2018-08-10 03:52:39

End at: 2018-08-10 03:53:09

Local clock offset: 0.919 ms

Remote clock offset: -54.8 ms

Below is generated by plot.py at 2018-08-10 05:02:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 14.956 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 15.110 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 14.411 ms

Loss rate: 0.19%

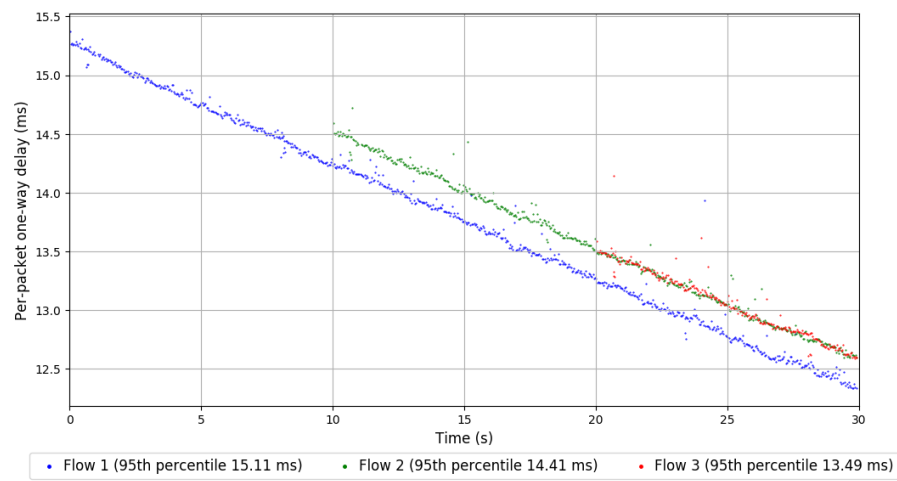
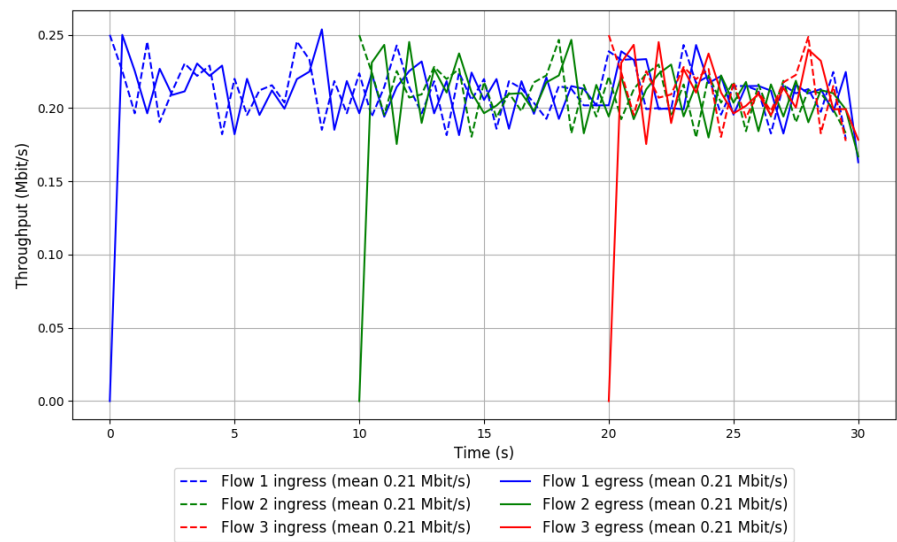
-- Flow 3:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 13.486 ms

Loss rate: 0.35%

Run 8: Report of SReAM — Data Link

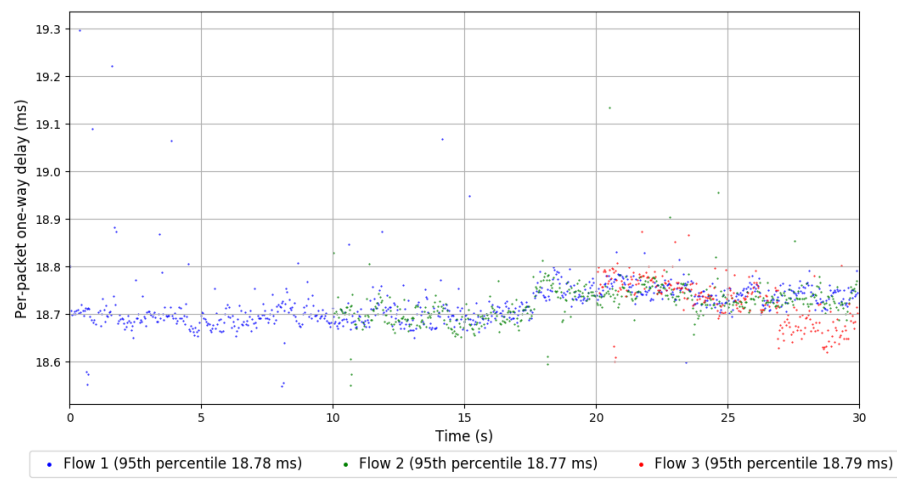
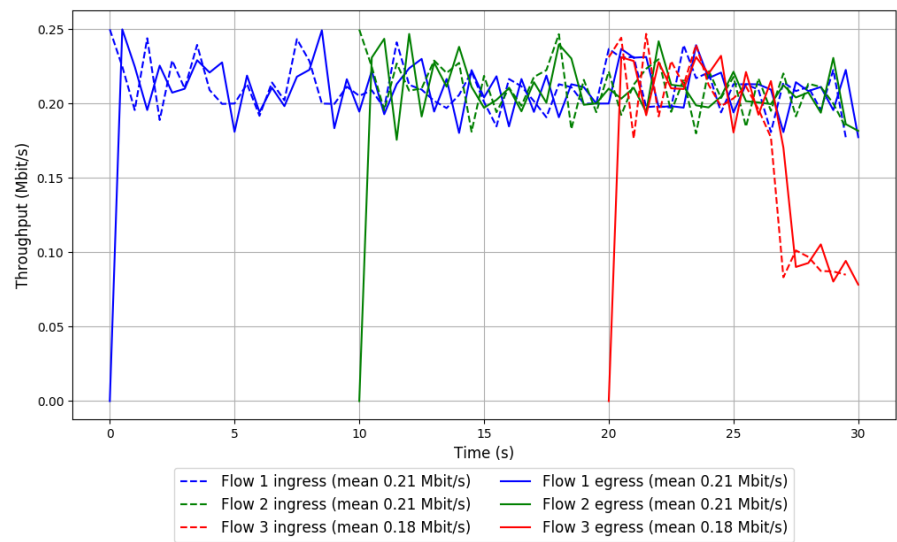


Run 9: Statistics of SReAM

Start at: 2018-08-10 04:12:55
End at: 2018-08-10 04:13:25
Local clock offset: 2.698 ms
Remote clock offset: -88.906 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 18.781 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.778 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.775 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 18.793 ms
Loss rate: 0.19%

Run 9: Report of SReAM — Data Link

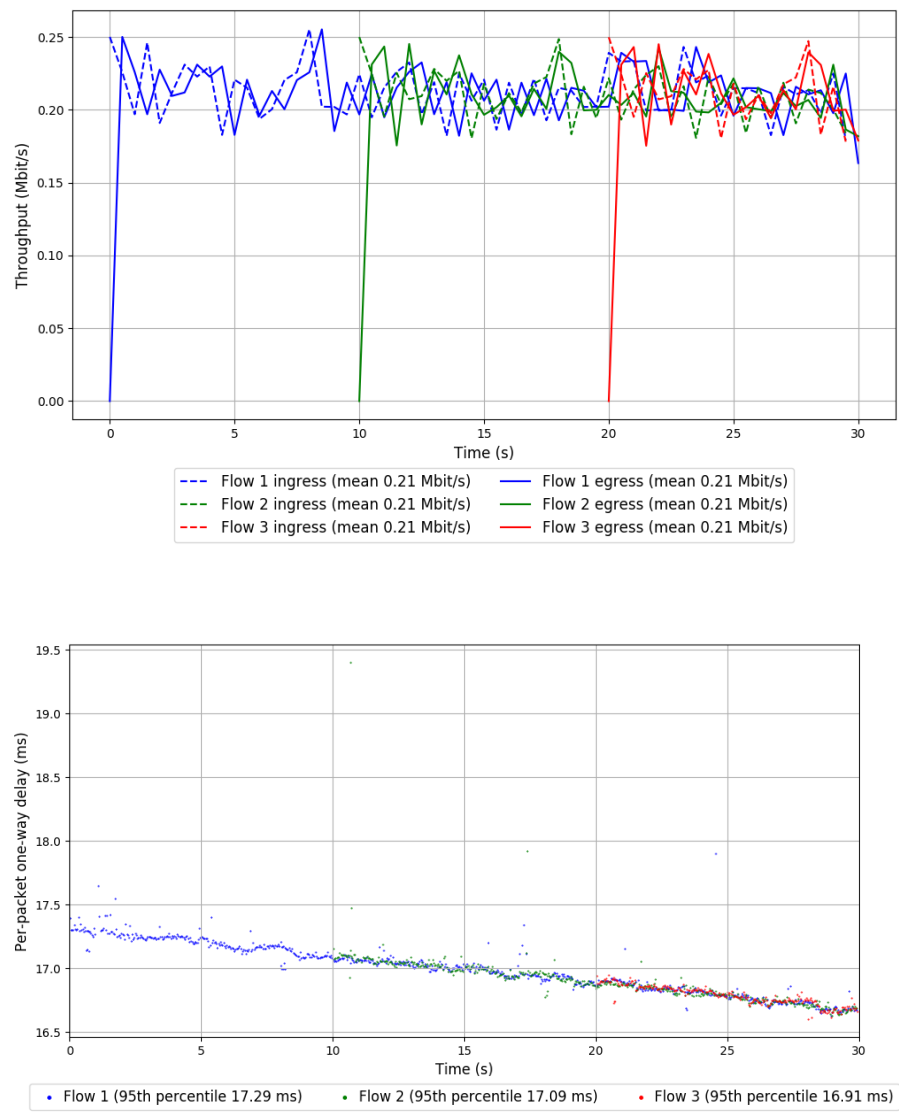


Run 10: Statistics of SReAM

Start at: 2018-08-10 04:33:09
End at: 2018-08-10 04:33:39
Local clock offset: 1.962 ms
Remote clock offset: -106.634 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 17.251 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.290 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.088 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 16.906 ms
Loss rate: 0.35%

Run 10: Report of SReAM — Data Link

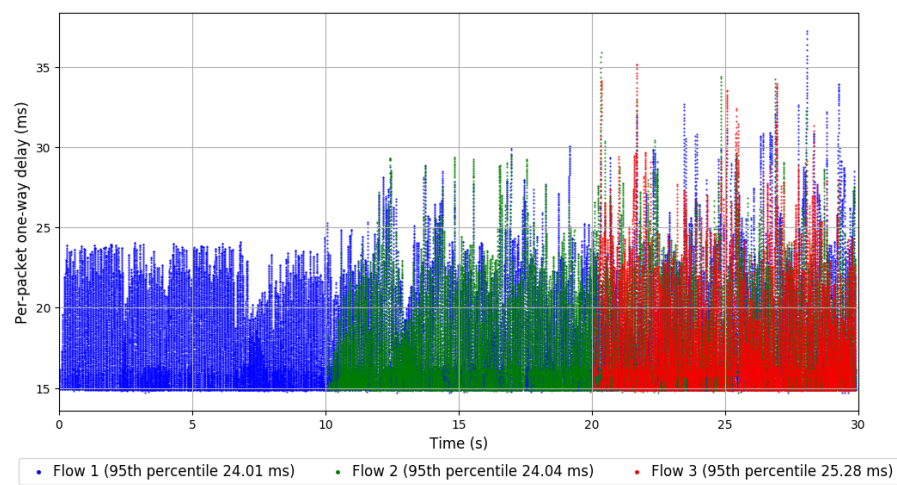
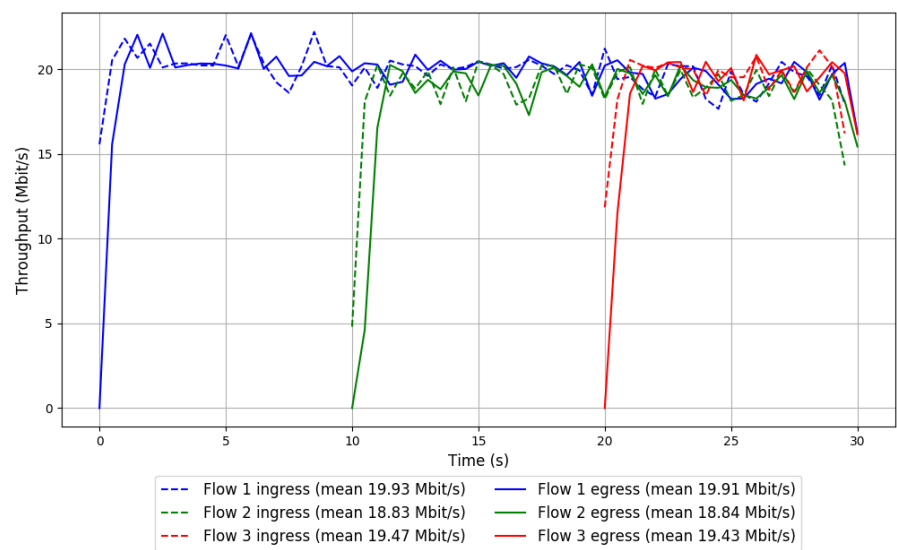


Run 1: Statistics of Sprout

Start at: 2018-08-10 01:38:03
End at: 2018-08-10 01:38:33
Local clock offset: -1.964 ms
Remote clock offset: -7.484 ms

Below is generated by plot.py at 2018-08-10 05:02:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.84 Mbit/s
95th percentile per-packet one-way delay: 24.262 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 24.014 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 24.041 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 19.43 Mbit/s
95th percentile per-packet one-way delay: 25.281 ms
Loss rate: 0.45%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-08-10 01:58:28

End at: 2018-08-10 01:58:58

Local clock offset: 0.888 ms

Remote clock offset: -7.43 ms

Below is generated by plot.py at 2018-08-10 05:02:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 37.14 Mbit/s

95th percentile per-packet one-way delay: 27.838 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 18.67 Mbit/s

95th percentile per-packet one-way delay: 26.932 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 18.37 Mbit/s

95th percentile per-packet one-way delay: 27.543 ms

Loss rate: 0.04%

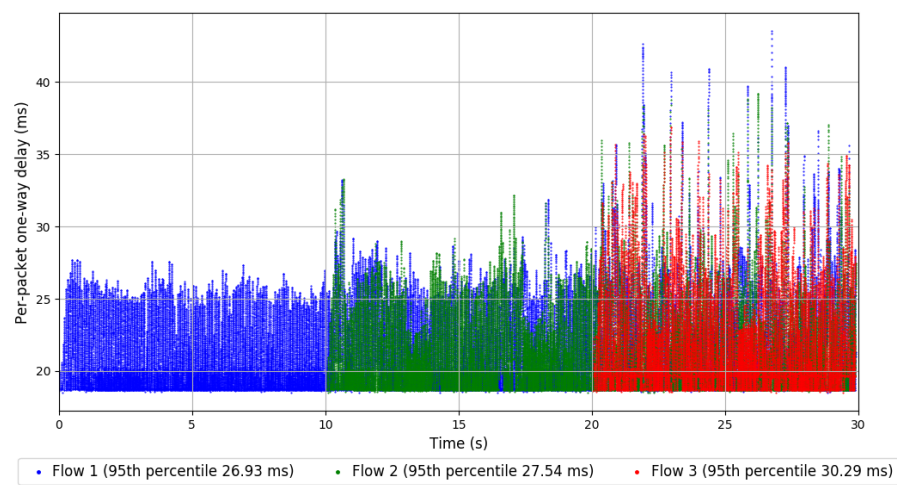
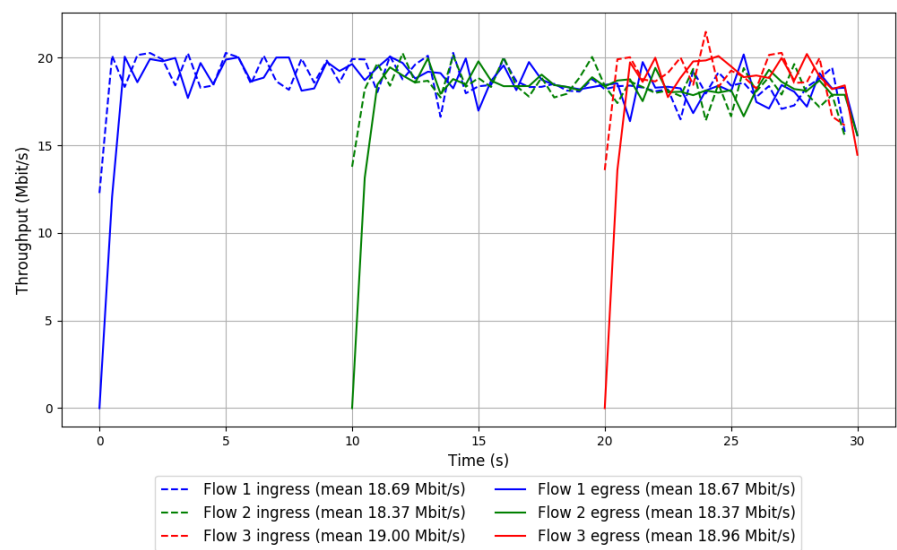
-- Flow 3:

Average throughput: 18.96 Mbit/s

95th percentile per-packet one-way delay: 30.286 ms

Loss rate: 0.45%

Run 2: Report of Sprout — Data Link

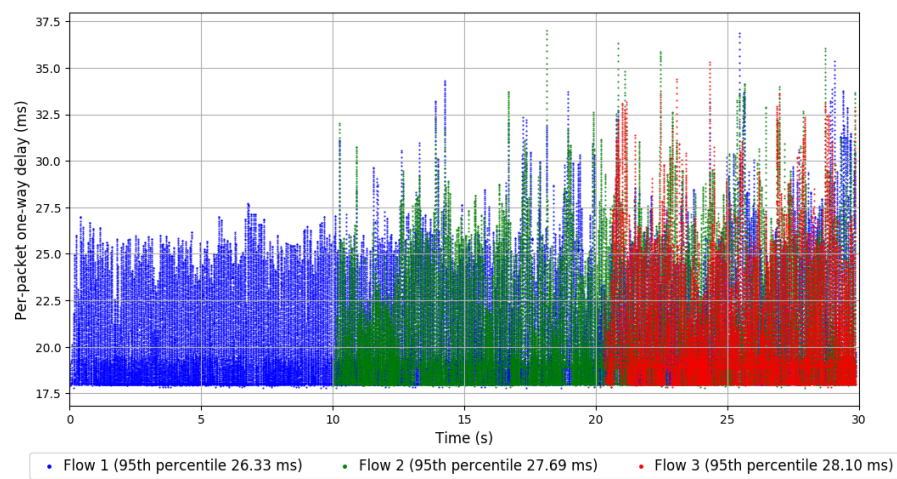
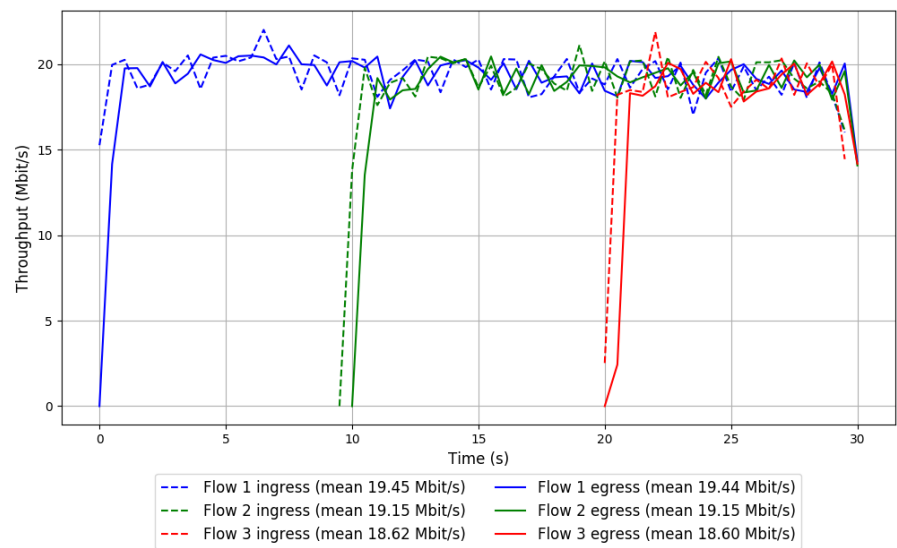


Run 3: Statistics of Sprout

Start at: 2018-08-10 02:18:32
End at: 2018-08-10 02:19:02
Local clock offset: 0.498 ms
Remote clock offset: -6.869 ms

Below is generated by plot.py at 2018-08-10 05:02:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.16 Mbit/s
95th percentile per-packet one-way delay: 27.117 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 19.44 Mbit/s
95th percentile per-packet one-way delay: 26.333 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 19.15 Mbit/s
95th percentile per-packet one-way delay: 27.692 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 18.60 Mbit/s
95th percentile per-packet one-way delay: 28.099 ms
Loss rate: 0.58%

Run 3: Report of Sprout — Data Link

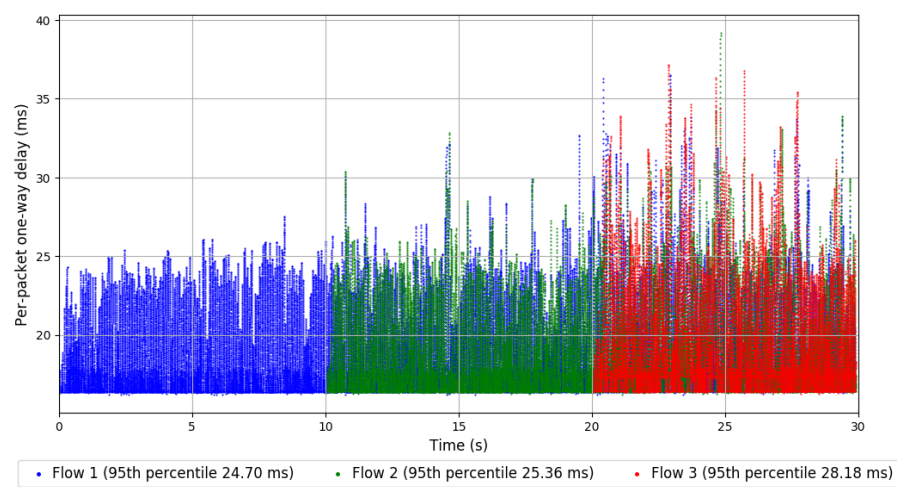
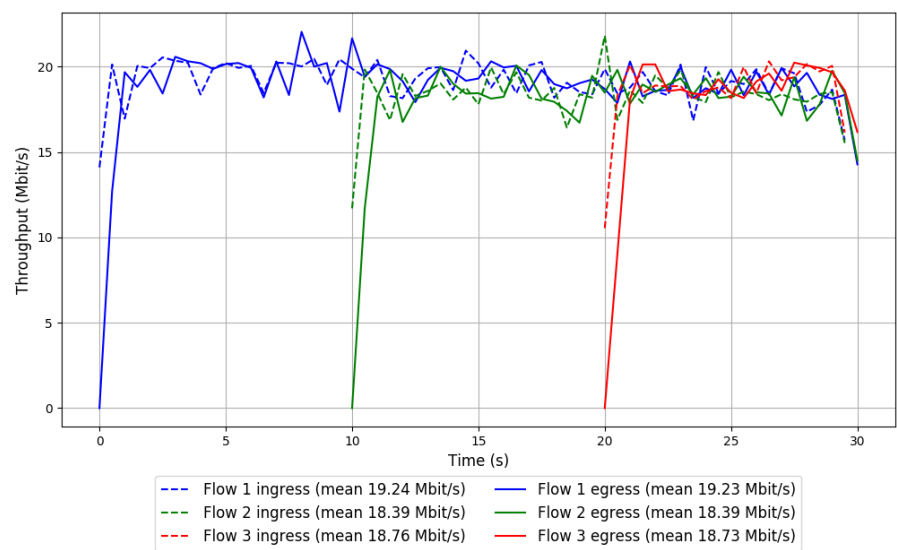


Run 4: Statistics of Sprout

Start at: 2018-08-10 02:39:01
End at: 2018-08-10 02:39:31
Local clock offset: 0.303 ms
Remote clock offset: -2.59 ms

Below is generated by plot.py at 2018-08-10 05:02:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 25.498 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 19.23 Mbit/s
95th percentile per-packet one-way delay: 24.697 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 18.39 Mbit/s
95th percentile per-packet one-way delay: 25.361 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 28.176 ms
Loss rate: 0.45%

Run 4: Report of Sprout — Data Link

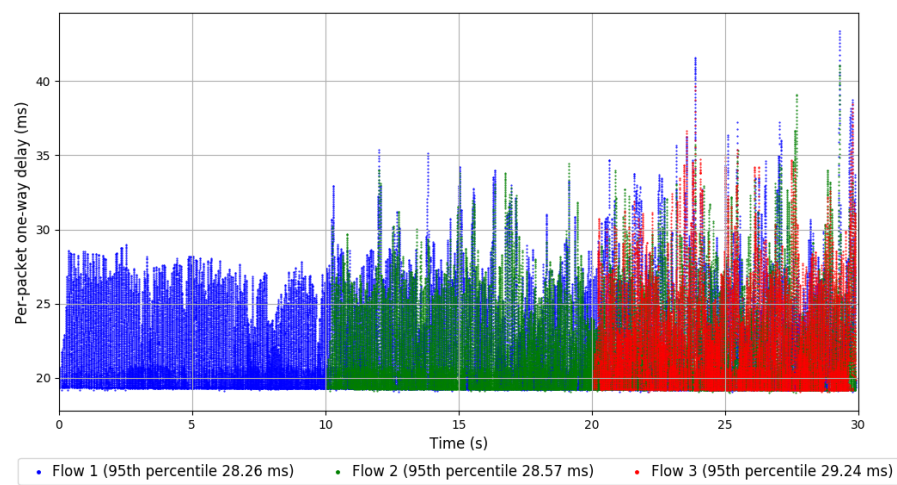
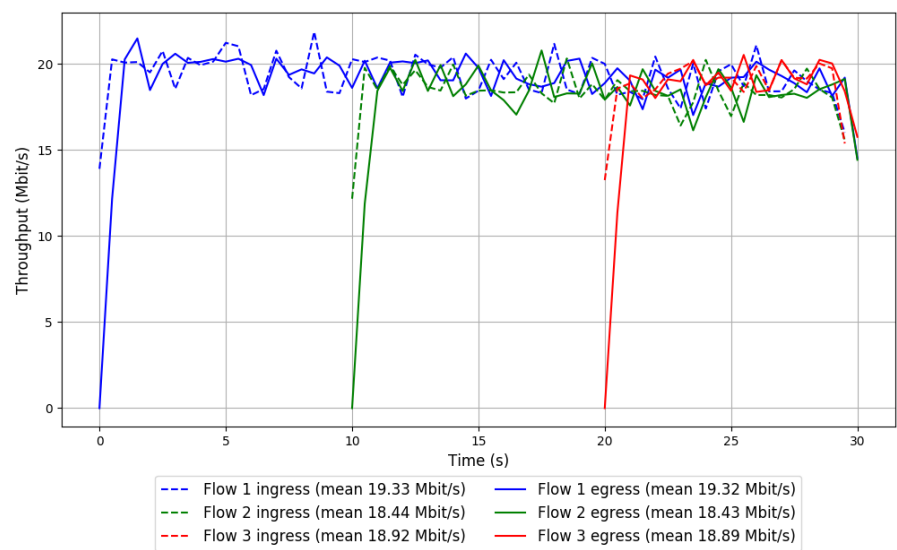


Run 5: Statistics of Sprout

Start at: 2018-08-10 02:59:20
End at: 2018-08-10 02:59:50
Local clock offset: 2.62 ms
Remote clock offset: -3.074 ms

Below is generated by plot.py at 2018-08-10 05:02:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.80 Mbit/s
95th percentile per-packet one-way delay: 28.530 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 28.263 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 18.43 Mbit/s
95th percentile per-packet one-way delay: 28.574 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 18.89 Mbit/s
95th percentile per-packet one-way delay: 29.240 ms
Loss rate: 0.35%

Run 5: Report of Sprout — Data Link

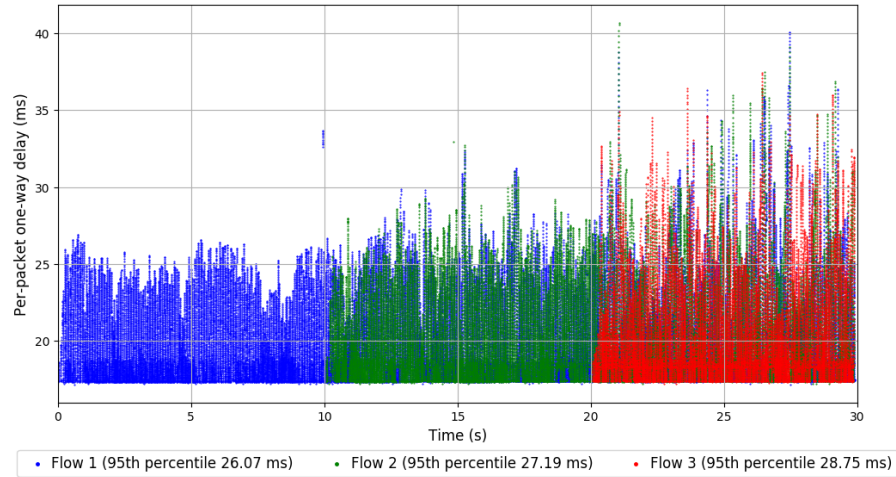
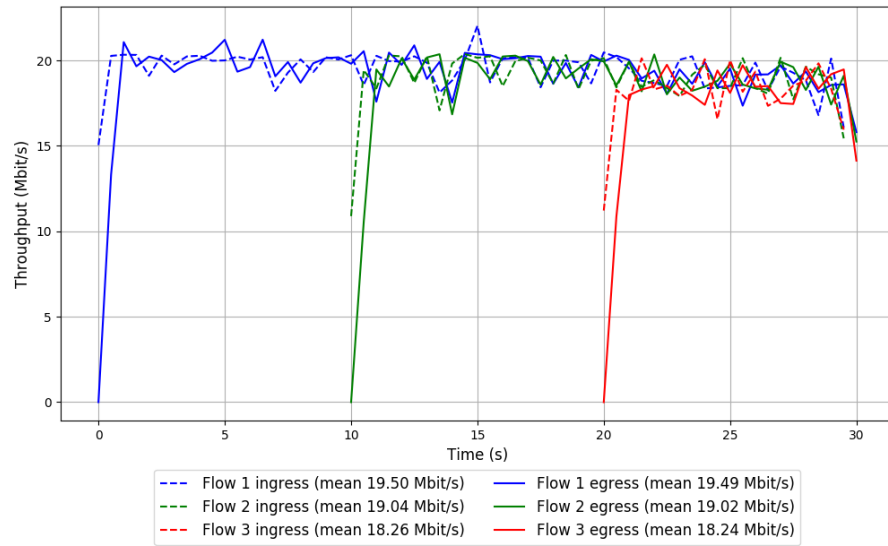


Run 6: Statistics of Sprout

Start at: 2018-08-10 03:19:33
End at: 2018-08-10 03:20:03
Local clock offset: -1.437 ms
Remote clock offset: -7.358 ms

```
# Below is generated by plot.py at 2018-08-10 05:03:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.14 Mbit/s
95th percentile per-packet one-way delay: 26.943 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 19.49 Mbit/s
95th percentile per-packet one-way delay: 26.070 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 19.02 Mbit/s
95th percentile per-packet one-way delay: 27.193 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 28.755 ms
Loss rate: 0.56%
```


Run 6: Report of Sprout — Data Link

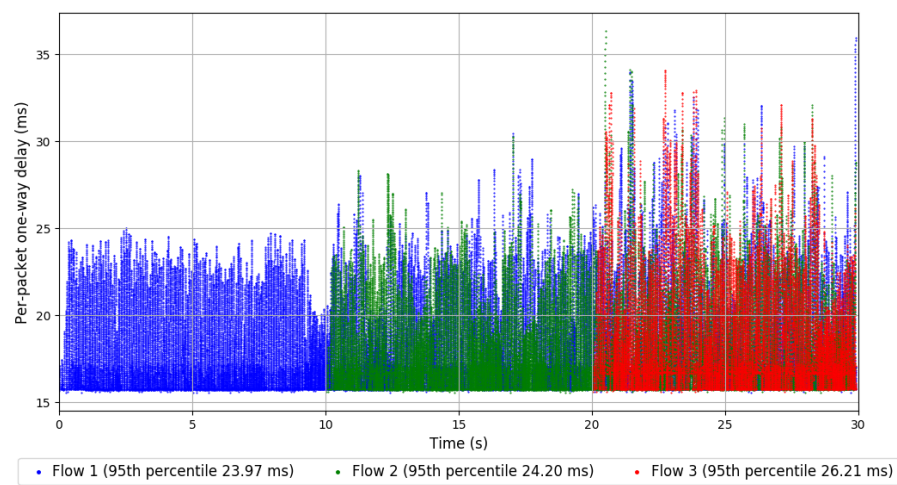
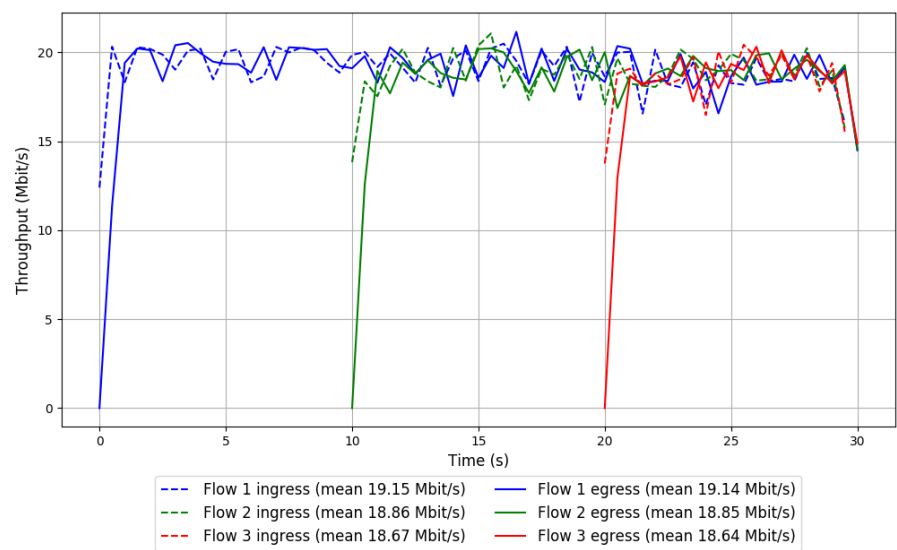


Run 7: Statistics of Sprout

Start at: 2018-08-10 03:39:54
End at: 2018-08-10 03:40:24
Local clock offset: -2.683 ms
Remote clock offset: -7.812 ms

```
# Below is generated by plot.py at 2018-08-10 05:03:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 37.83 Mbit/s
95th percentile per-packet one-way delay: 24.405 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 19.14 Mbit/s
95th percentile per-packet one-way delay: 23.972 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 18.85 Mbit/s
95th percentile per-packet one-way delay: 24.195 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 18.64 Mbit/s
95th percentile per-packet one-way delay: 26.215 ms
Loss rate: 0.49%
```

Run 7: Report of Sprout — Data Link

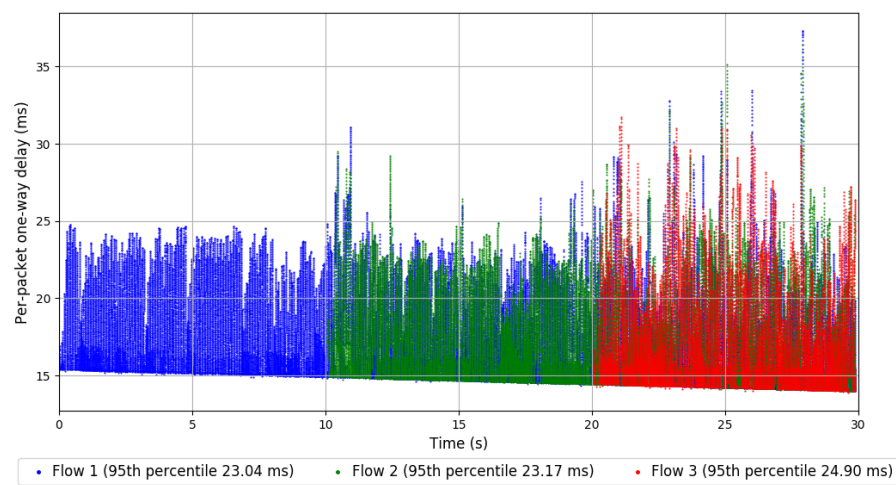
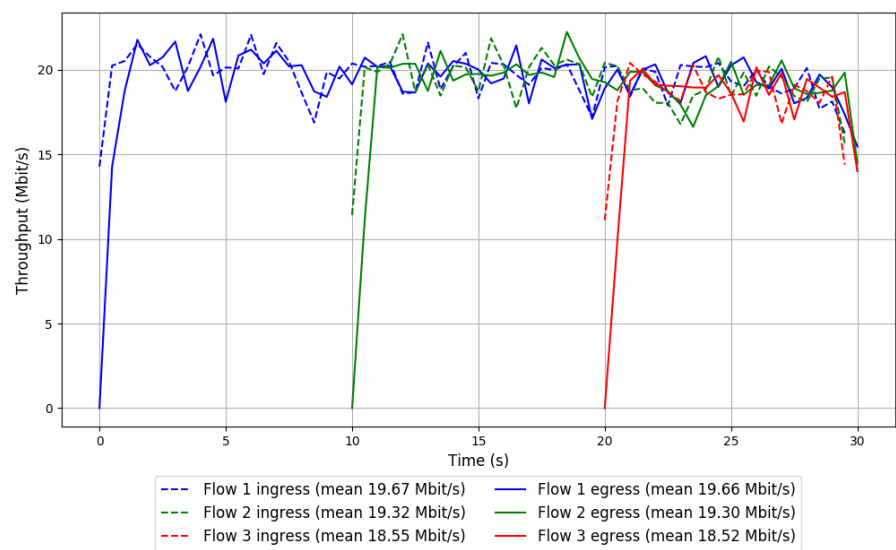


Run 8: Statistics of Sprout

Start at: 2018-08-10 03:59:40
End at: 2018-08-10 04:00:10
Local clock offset: -0.59 ms
Remote clock offset: -85.089 ms

```
# Below is generated by plot.py at 2018-08-10 05:03:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 38.59 Mbit/s
95th percentile per-packet one-way delay: 23.333 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 19.66 Mbit/s
95th percentile per-packet one-way delay: 23.036 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 19.30 Mbit/s
95th percentile per-packet one-way delay: 23.174 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 18.52 Mbit/s
95th percentile per-packet one-way delay: 24.898 ms
Loss rate: 0.45%
```

Run 8: Report of Sprout — Data Link

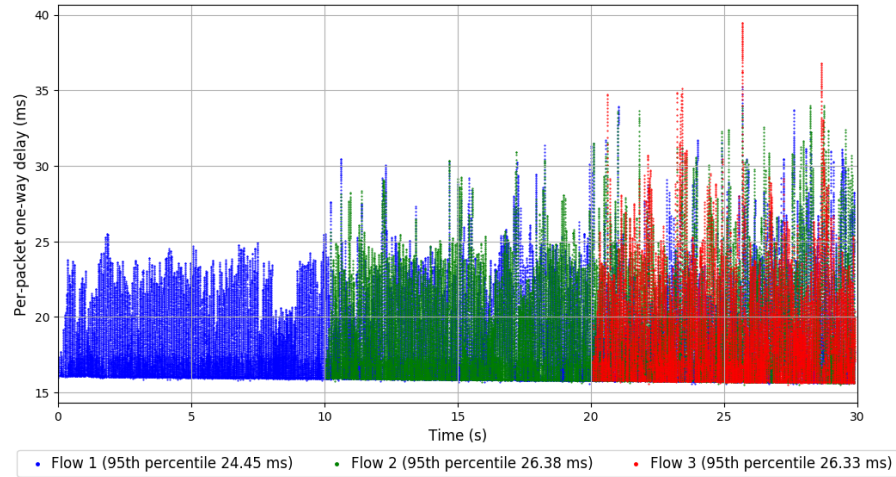
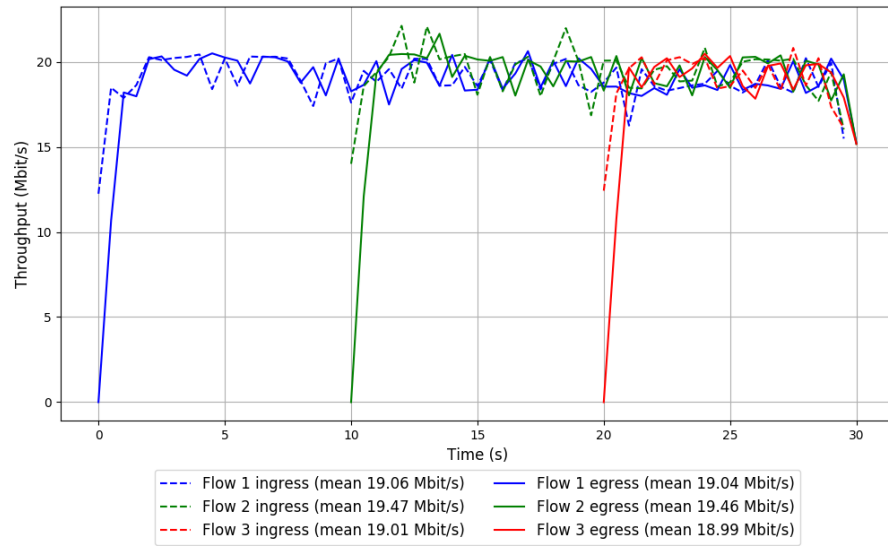


Run 9: Statistics of Sprout

Start at: 2018-08-10 04:20:03
End at: 2018-08-10 04:20:33
Local clock offset: 0.463 ms
Remote clock offset: -91.697 ms

Below is generated by plot.py at 2018-08-10 05:03:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.24 Mbit/s
95th percentile per-packet one-way delay: 25.514 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 19.04 Mbit/s
95th percentile per-packet one-way delay: 24.445 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 19.46 Mbit/s
95th percentile per-packet one-way delay: 26.384 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 18.99 Mbit/s
95th percentile per-packet one-way delay: 26.333 ms
Loss rate: 0.33%

Run 9: Report of Sprout — Data Link

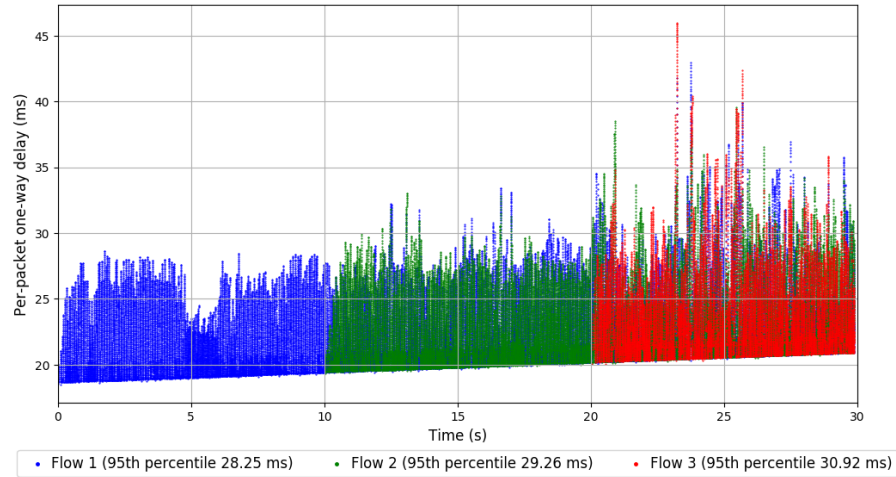
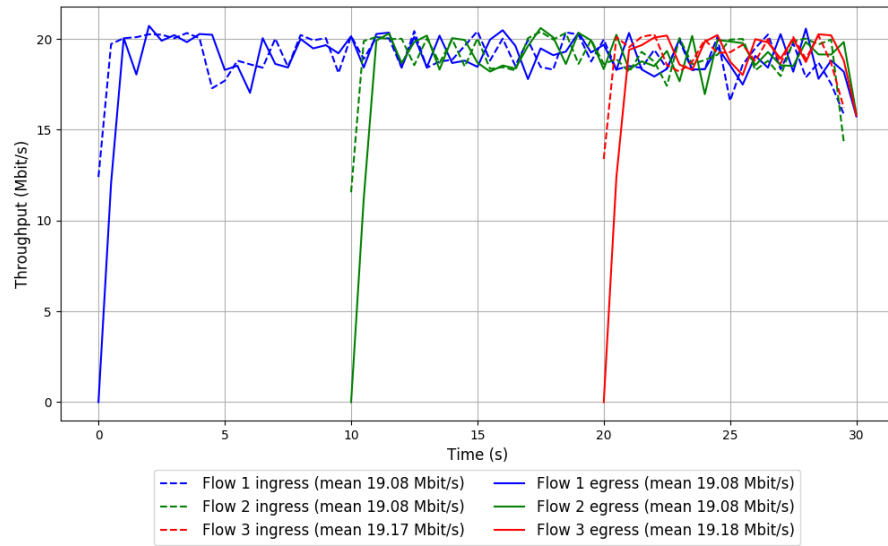


Run 10: Statistics of Sprout

Start at: 2018-08-10 04:40:13
End at: 2018-08-10 04:40:43
Local clock offset: 1.978 ms
Remote clock offset: -108.595 ms

Below is generated by plot.py at 2018-08-10 05:03:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.09 Mbit/s
95th percentile per-packet one-way delay: 29.115 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 28.249 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 29.264 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 30.921 ms
Loss rate: 0.17%

Run 10: Report of Sprout — Data Link

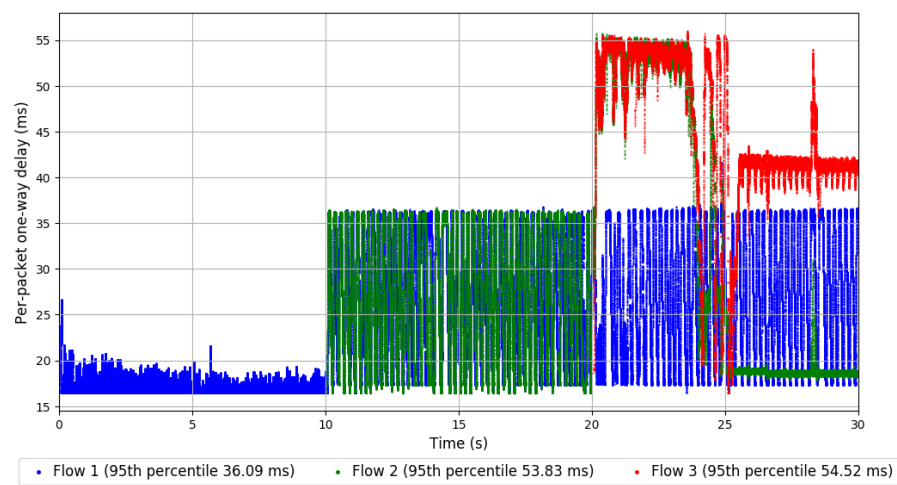
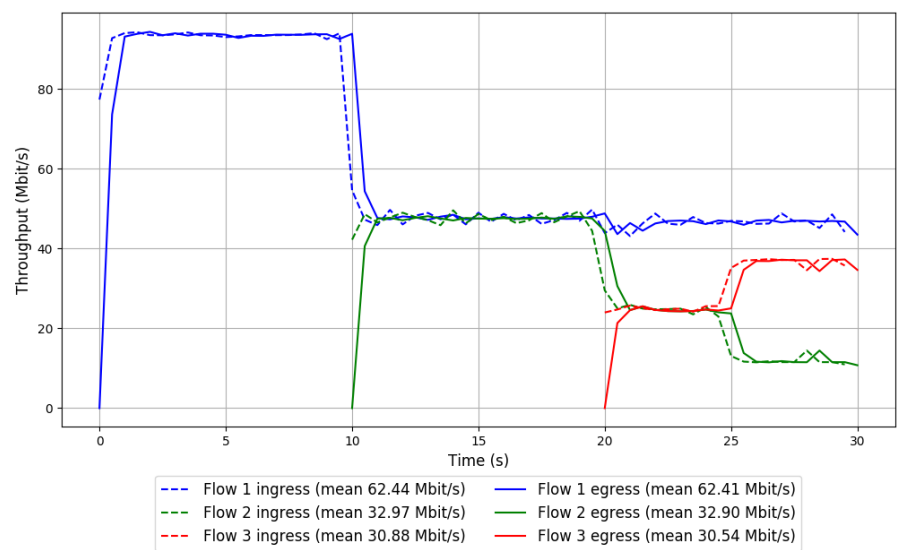


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-10 01:39:12
End at: 2018-08-10 01:39:43
Local clock offset: -1.54 ms
Remote clock offset: -8.718 ms

# Below is generated by plot.py at 2018-08-10 05:04:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 52.088 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 62.41 Mbit/s
95th percentile per-packet one-way delay: 36.085 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 32.90 Mbit/s
95th percentile per-packet one-way delay: 53.834 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 30.54 Mbit/s
95th percentile per-packet one-way delay: 54.519 ms
Loss rate: 1.43%
```

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

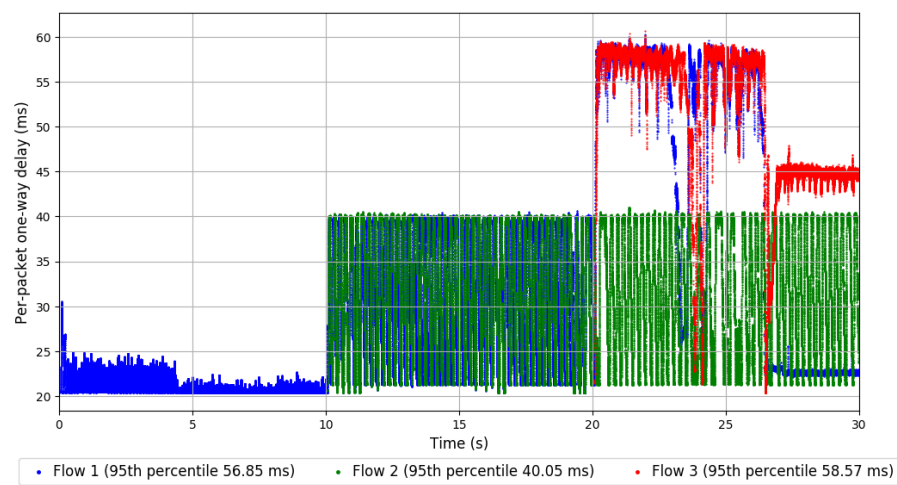
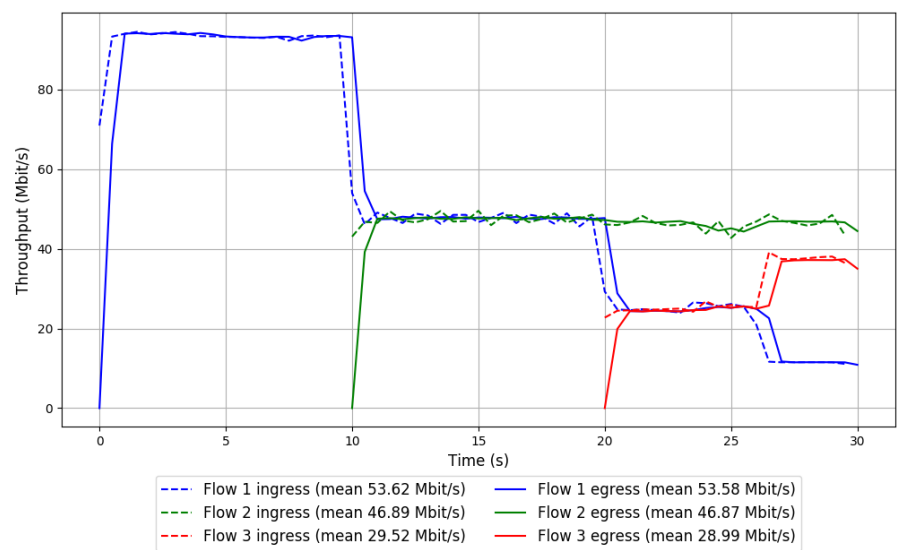


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-10 01:59:36
End at: 2018-08-10 02:00:06
Local clock offset: 2.656 ms
Remote clock offset: -7.451 ms

Below is generated by plot.py at 2018-08-10 05:04:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 57.430 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 53.58 Mbit/s
95th percentile per-packet one-way delay: 56.854 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 46.87 Mbit/s
95th percentile per-packet one-way delay: 40.053 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 28.99 Mbit/s
95th percentile per-packet one-way delay: 58.573 ms
Loss rate: 2.13%

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

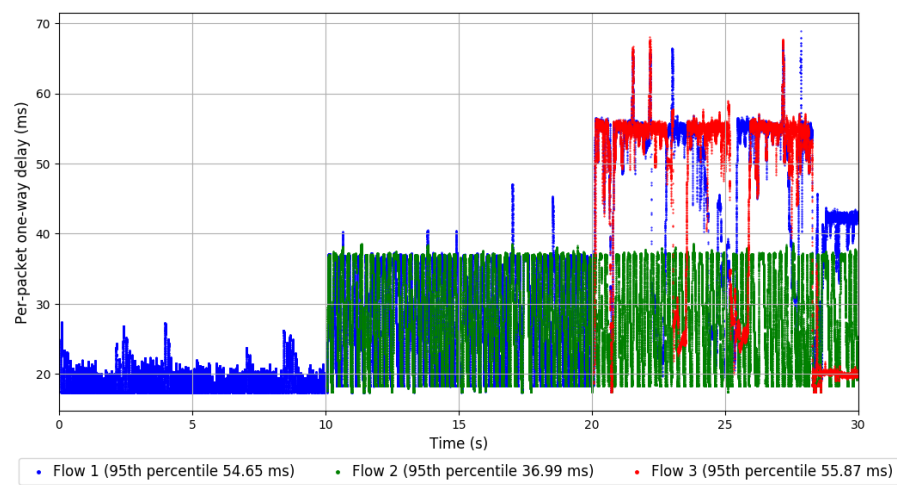
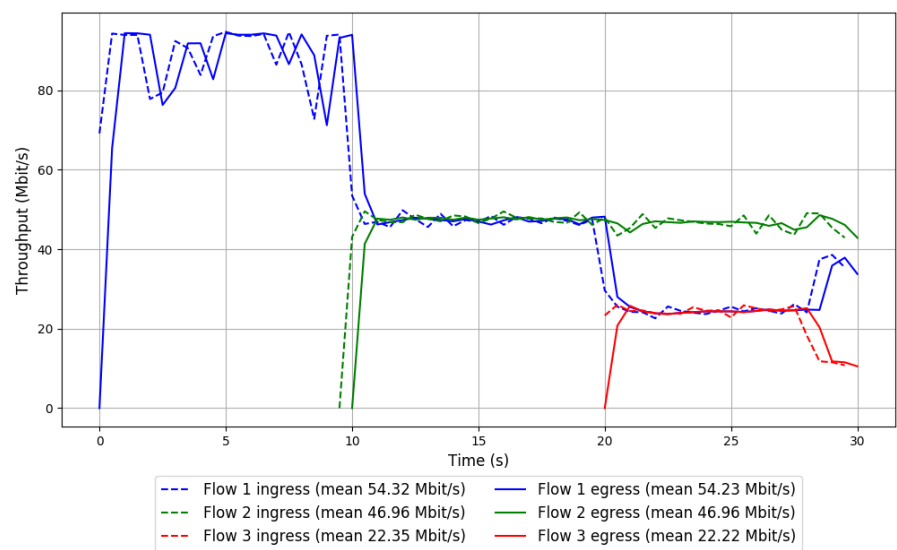


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-10 02:19:42
End at: 2018-08-10 02:20:12
Local clock offset: 0.308 ms
Remote clock offset: -6.437 ms

Below is generated by plot.py at 2018-08-10 05:04:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 54.992 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 54.23 Mbit/s
95th percentile per-packet one-way delay: 54.654 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 46.96 Mbit/s
95th percentile per-packet one-way delay: 36.991 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 22.22 Mbit/s
95th percentile per-packet one-way delay: 55.874 ms
Loss rate: 0.89%

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

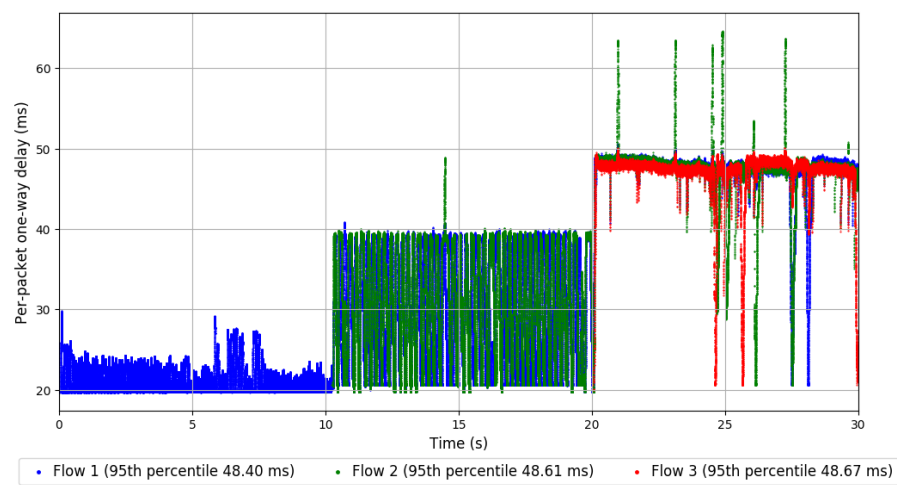
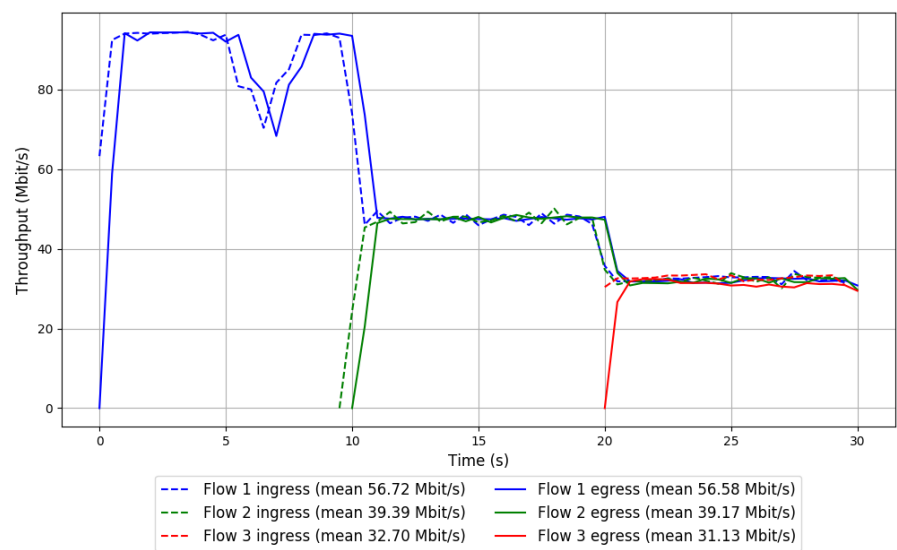


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-10 02:40:10
End at: 2018-08-10 02:40:40
Local clock offset: 2.88 ms
Remote clock offset: -3.272 ms

Below is generated by plot.py at 2018-08-10 05:04:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 48.528 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 56.58 Mbit/s
95th percentile per-packet one-way delay: 48.397 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 48.611 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 31.13 Mbit/s
95th percentile per-packet one-way delay: 48.674 ms
Loss rate: 5.13%

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

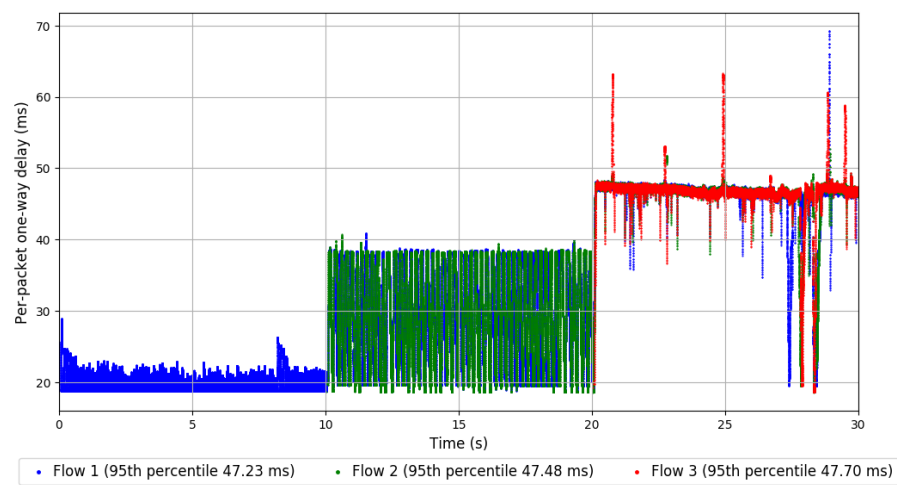
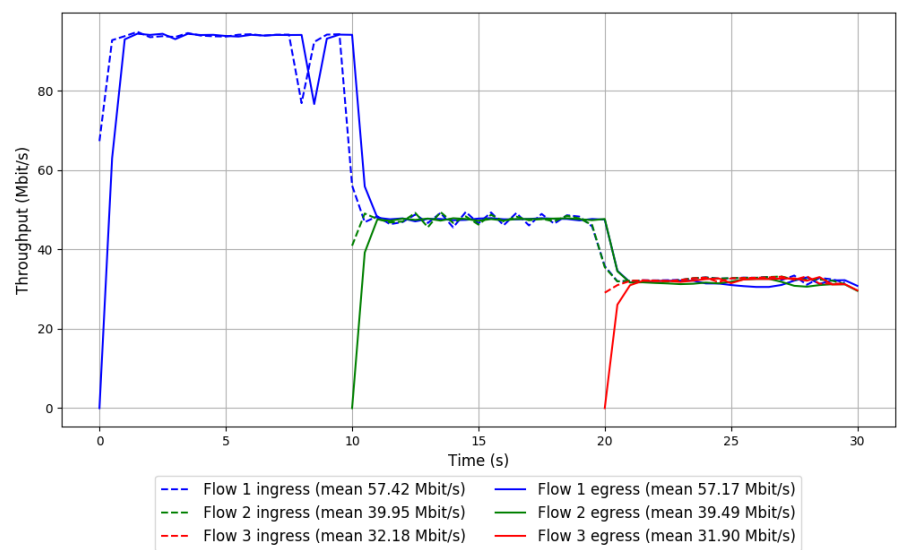


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-10 03:00:30
End at: 2018-08-10 03:01:00
Local clock offset: 2.291 ms
Remote clock offset: -3.238 ms

Below is generated by plot.py at 2018-08-10 05:04:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 47.432 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 57.17 Mbit/s
95th percentile per-packet one-way delay: 47.227 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 47.484 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 47.700 ms
Loss rate: 1.30%

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

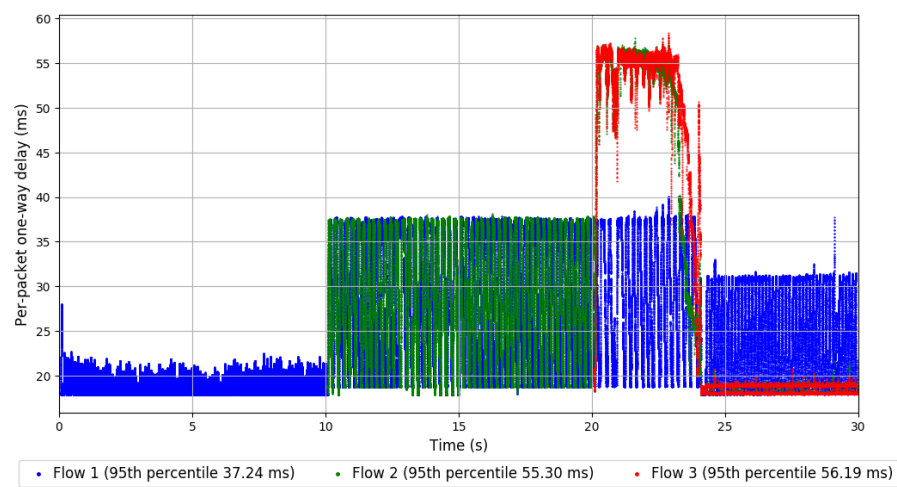
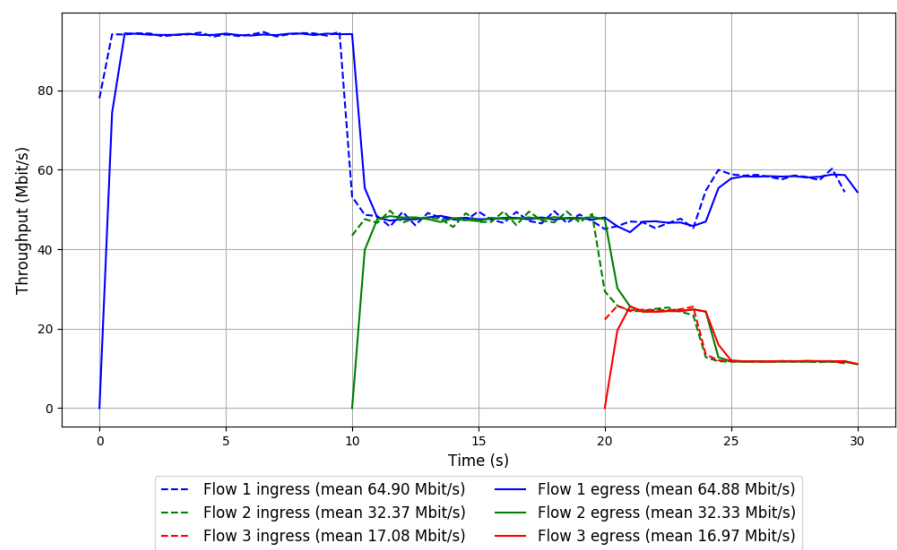


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-10 03:20:41
End at: 2018-08-10 03:21:11
Local clock offset: -0.426 ms
Remote clock offset: -6.824 ms

Below is generated by plot.py at 2018-08-10 05:04:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.04 Mbit/s
95th percentile per-packet one-way delay: 51.543 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 64.88 Mbit/s
95th percentile per-packet one-way delay: 37.237 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 32.33 Mbit/s
95th percentile per-packet one-way delay: 55.302 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 56.192 ms
Loss rate: 0.93%

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

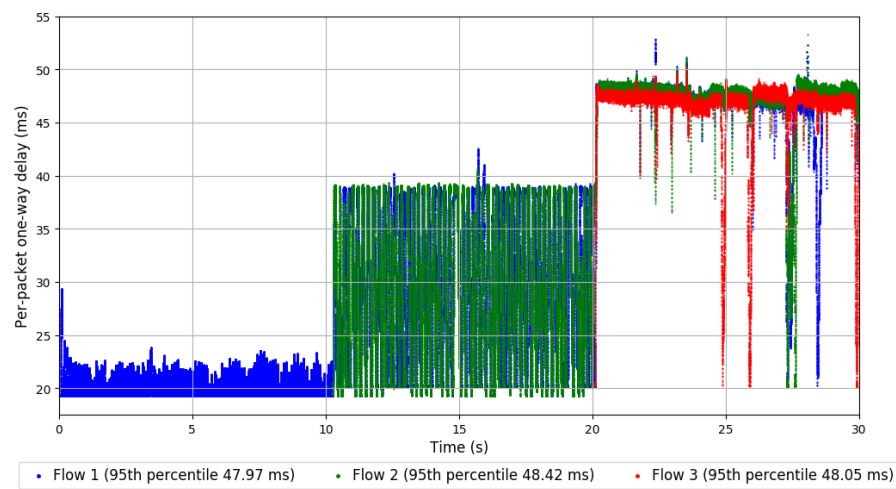
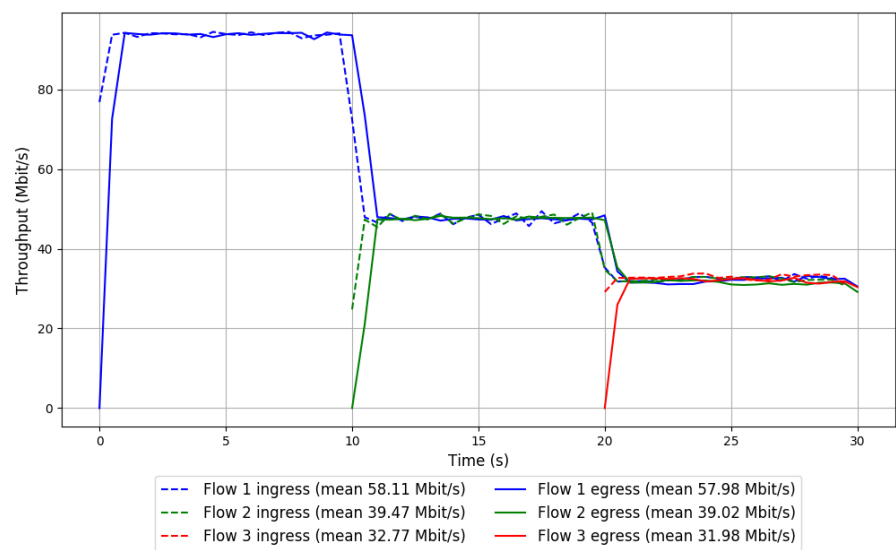


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-10 03:41:01
End at: 2018-08-10 03:41:31
Local clock offset: 1.522 ms
Remote clock offset: -7.187 ms

Below is generated by plot.py at 2018-08-10 05:05:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 48.199 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 47.965 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 39.02 Mbit/s
95th percentile per-packet one-way delay: 48.423 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 48.047 ms
Loss rate: 2.86%

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

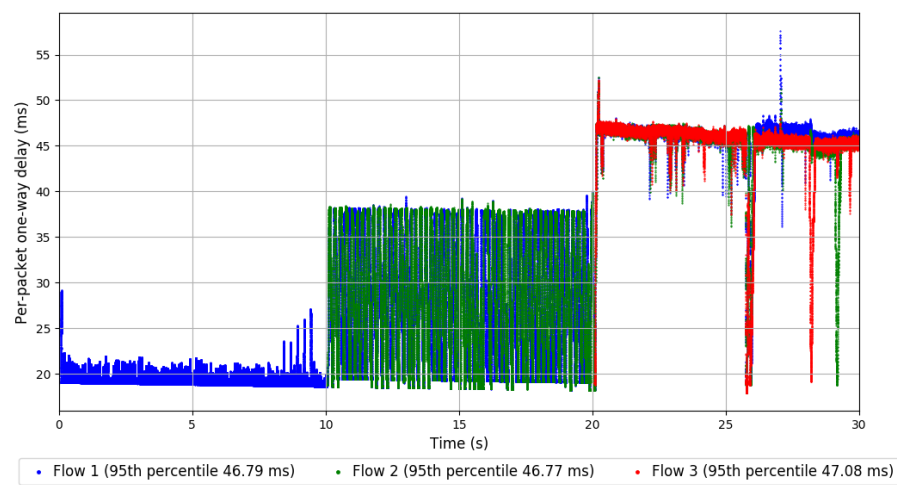
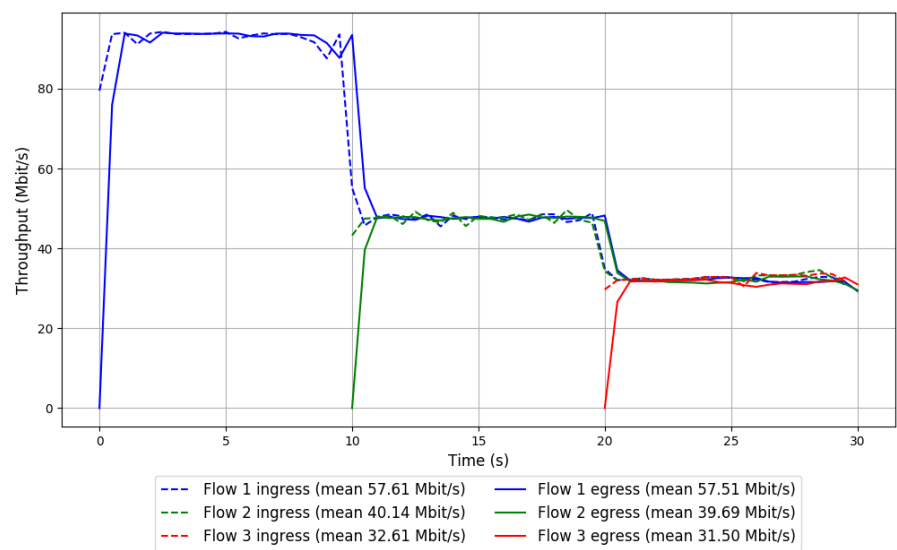


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-10 04:00:54
End at: 2018-08-10 04:01:24
Local clock offset: 0.046 ms
Remote clock offset: -91.42 ms

Below is generated by plot.py at 2018-08-10 05:05:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.39 Mbit/s
95th percentile per-packet one-way delay: 46.852 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 46.788 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 46.775 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 47.078 ms
Loss rate: 3.78%

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

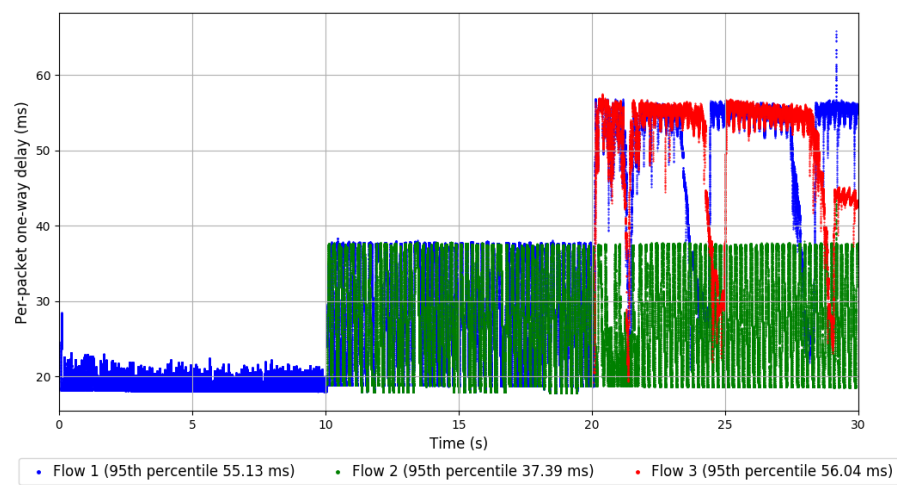
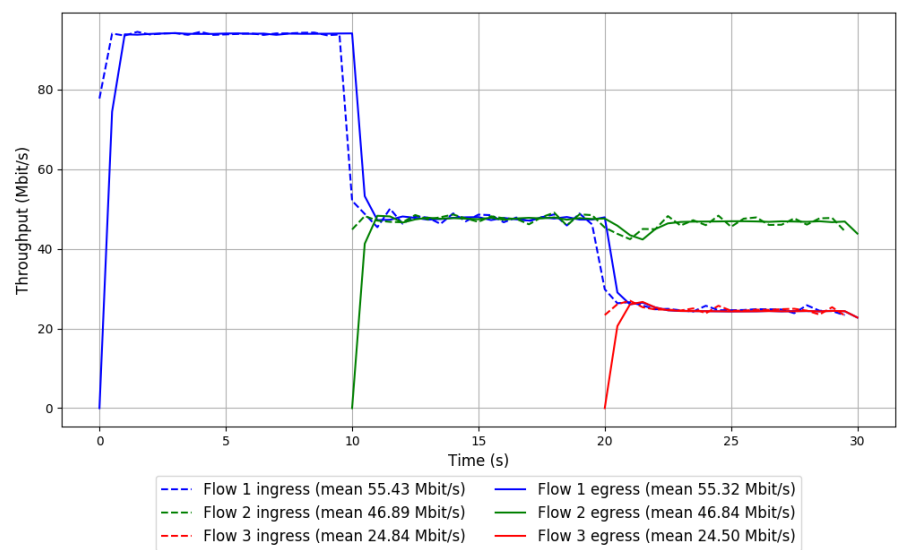


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-10 04:21:10
End at: 2018-08-10 04:21:40
Local clock offset: 2.067 ms
Remote clock offset: -93.176 ms

Below is generated by plot.py at 2018-08-10 05:06:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 55.239 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 55.32 Mbit/s
95th percentile per-packet one-way delay: 55.127 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 37.392 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 56.044 ms
Loss rate: 1.69%

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

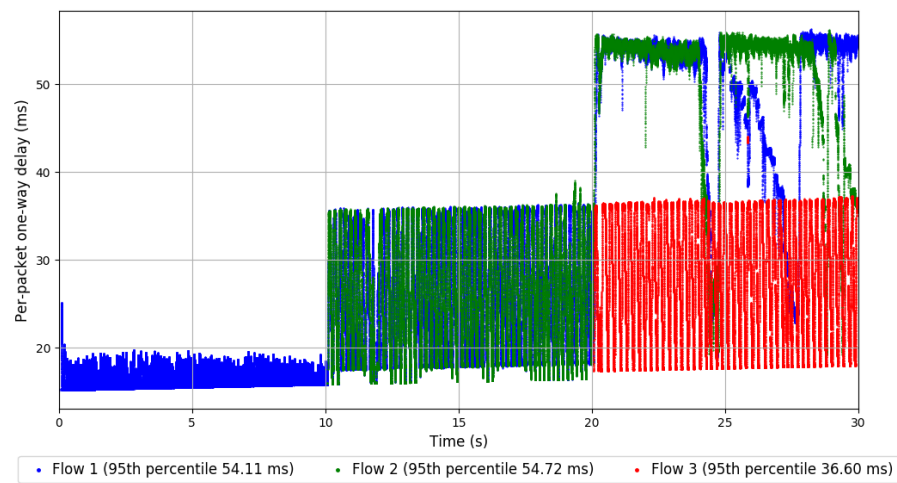
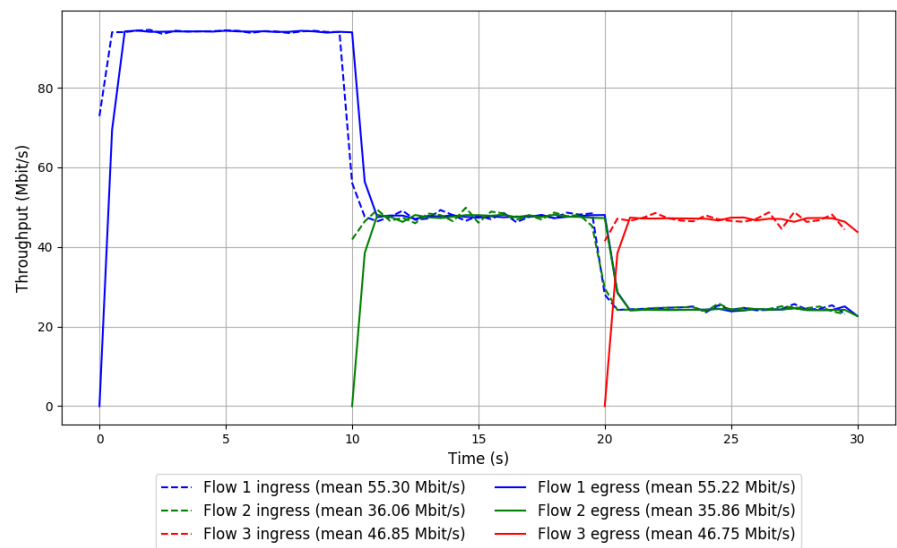


```
Run 10: Statistics of TaoVA-100x

Start at: 2018-08-10 04:41:27
End at: 2018-08-10 04:41:57
Local clock offset: -0.825 ms
Remote clock offset: -102.521 ms

# Below is generated by plot.py at 2018-08-10 05:06:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.62 Mbit/s
95th percentile per-packet one-way delay: 54.331 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 54.113 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 35.86 Mbit/s
95th percentile per-packet one-way delay: 54.716 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 46.75 Mbit/s
95th percentile per-packet one-way delay: 36.599 ms
Loss rate: 0.48%
```

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

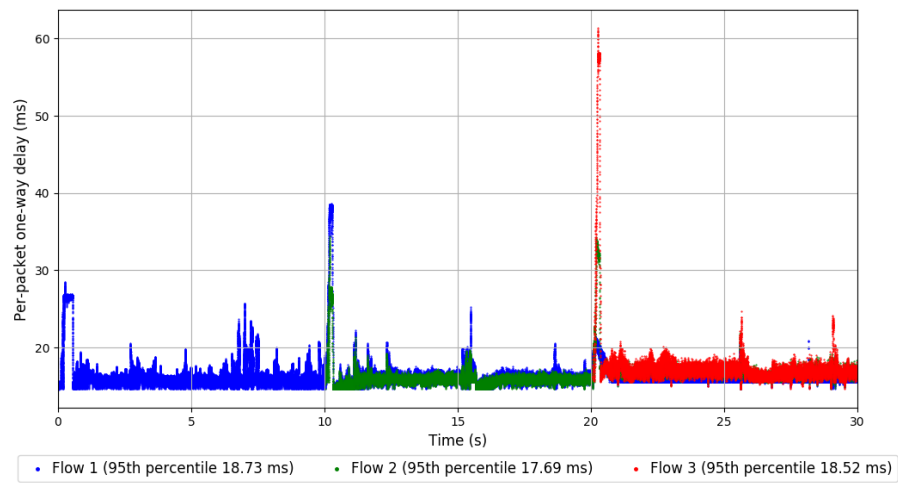
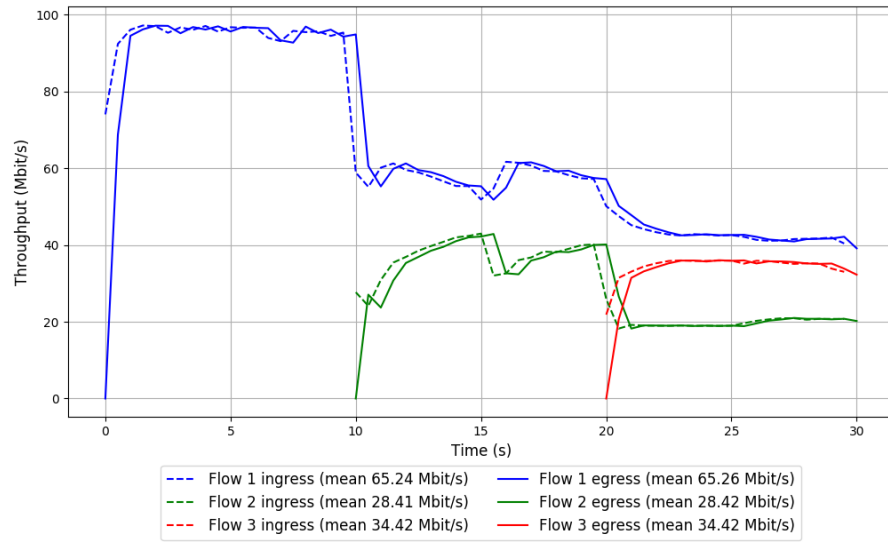


Run 1: Statistics of TCP Vegas

Start at: 2018-08-10 01:36:52
End at: 2018-08-10 01:37:22
Local clock offset: -3.002 ms
Remote clock offset: -8.274 ms

Below is generated by plot.py at 2018-08-10 05:06:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 18.445 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 65.26 Mbit/s
95th percentile per-packet one-way delay: 18.732 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 28.42 Mbit/s
95th percentile per-packet one-way delay: 17.693 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 18.521 ms
Loss rate: 0.29%

Run 1: Report of TCP Vegas — Data Link

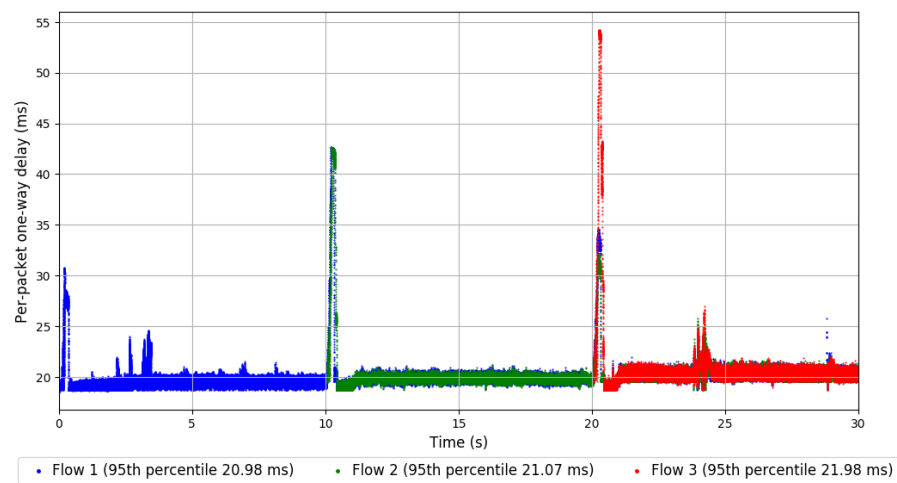
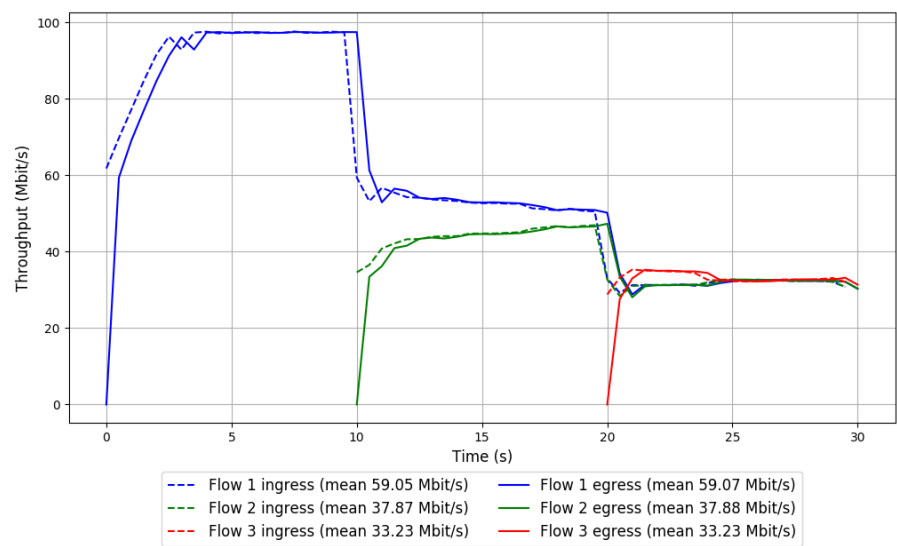


Run 2: Statistics of TCP Vegas

Start at: 2018-08-10 01:57:14
End at: 2018-08-10 01:57:44
Local clock offset: 0.723 ms
Remote clock offset: -7.603 ms

Below is generated by plot.py at 2018-08-10 05:06:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.31 Mbit/s
95th percentile per-packet one-way delay: 21.138 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 20.975 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 21.073 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 21.978 ms
Loss rate: 0.32%

Run 2: Report of TCP Vegas — Data Link

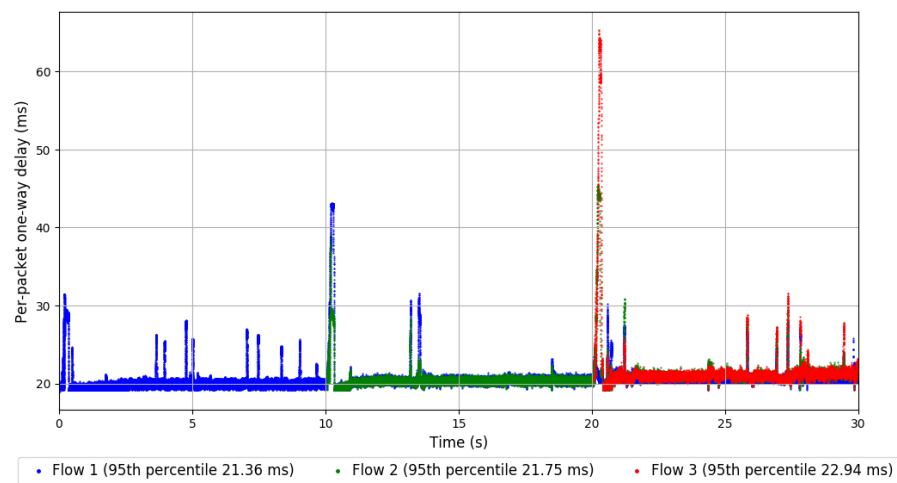
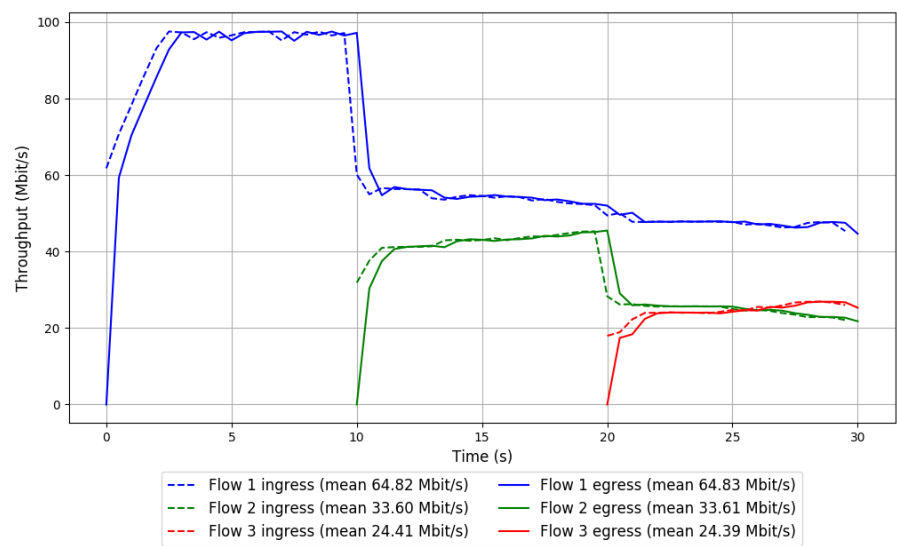


Run 3: Statistics of TCP Vegas

Start at: 2018-08-10 02:17:22
End at: 2018-08-10 02:17:52
Local clock offset: 2.797 ms
Remote clock offset: -5.807 ms

Below is generated by plot.py at 2018-08-10 05:06:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 21.726 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 64.83 Mbit/s
95th percentile per-packet one-way delay: 21.359 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 33.61 Mbit/s
95th percentile per-packet one-way delay: 21.751 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 22.939 ms
Loss rate: 0.37%

Run 3: Report of TCP Vegas — Data Link

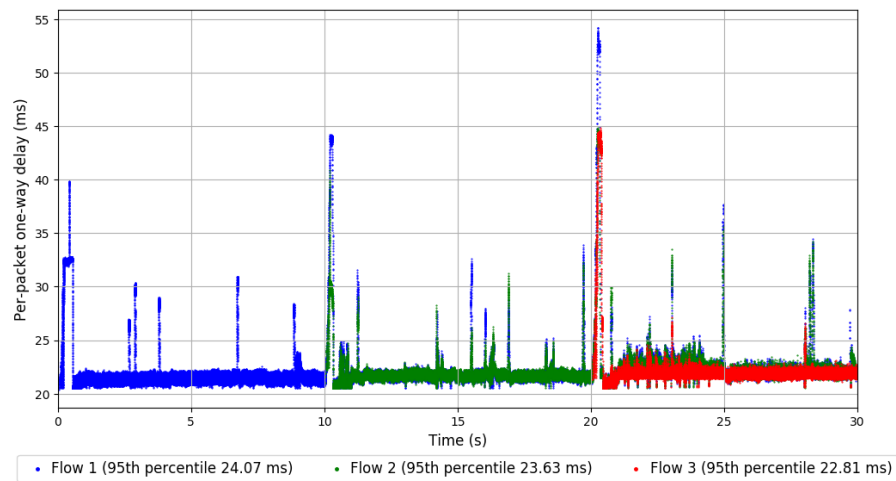
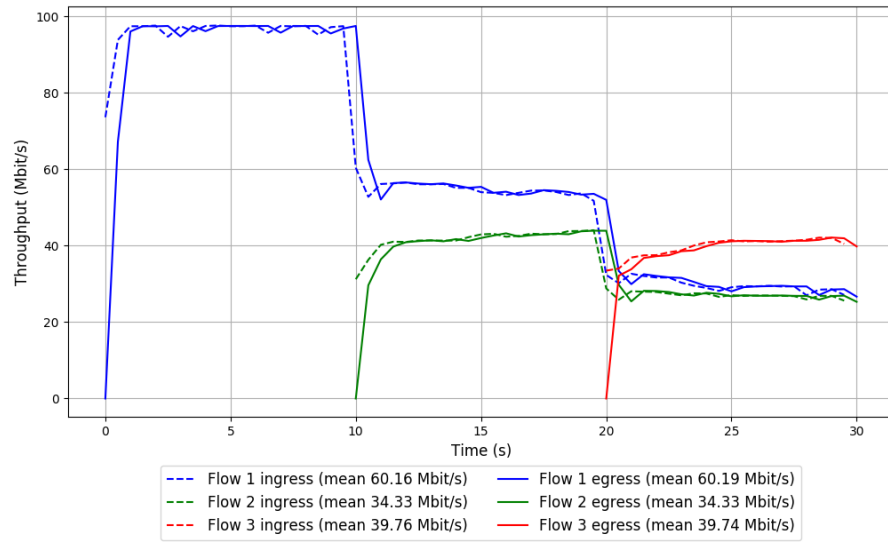


Run 4: Statistics of TCP Vegas

Start at: 2018-08-10 02:37:48
End at: 2018-08-10 02:38:18
Local clock offset: 3.173 ms
Remote clock offset: -4.012 ms

Below is generated by plot.py at 2018-08-10 05:06:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 23.752 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 24.074 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 34.33 Mbit/s
95th percentile per-packet one-way delay: 23.629 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 39.74 Mbit/s
95th percentile per-packet one-way delay: 22.807 ms
Loss rate: 0.33%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-08-10 02:58:09

End at: 2018-08-10 02:58:40

Local clock offset: 1.603 ms

Remote clock offset: -3.18 ms

Below is generated by plot.py at 2018-08-10 05:06:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 21.778 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 59.73 Mbit/s

95th percentile per-packet one-way delay: 22.514 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 37.68 Mbit/s

95th percentile per-packet one-way delay: 20.935 ms

Loss rate: 0.13%

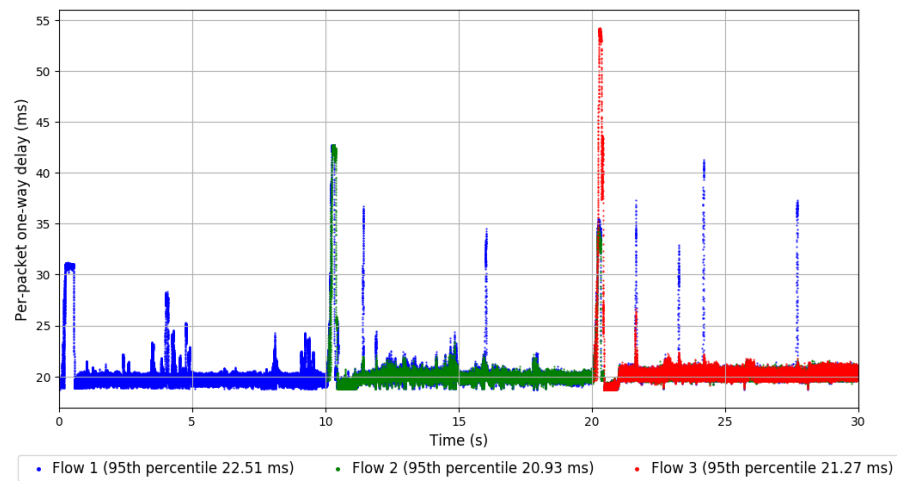
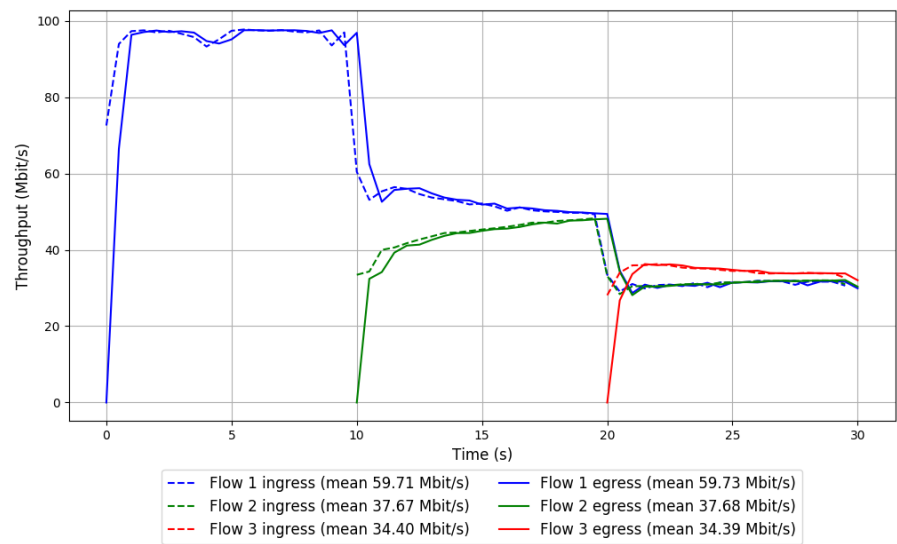
-- Flow 3:

Average throughput: 34.39 Mbit/s

95th percentile per-packet one-way delay: 21.266 ms

Loss rate: 0.30%

Run 5: Report of TCP Vegas — Data Link

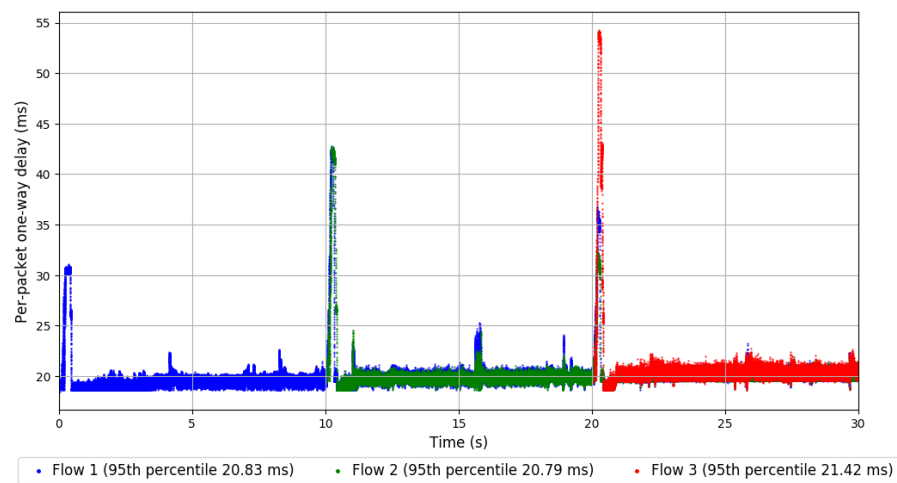
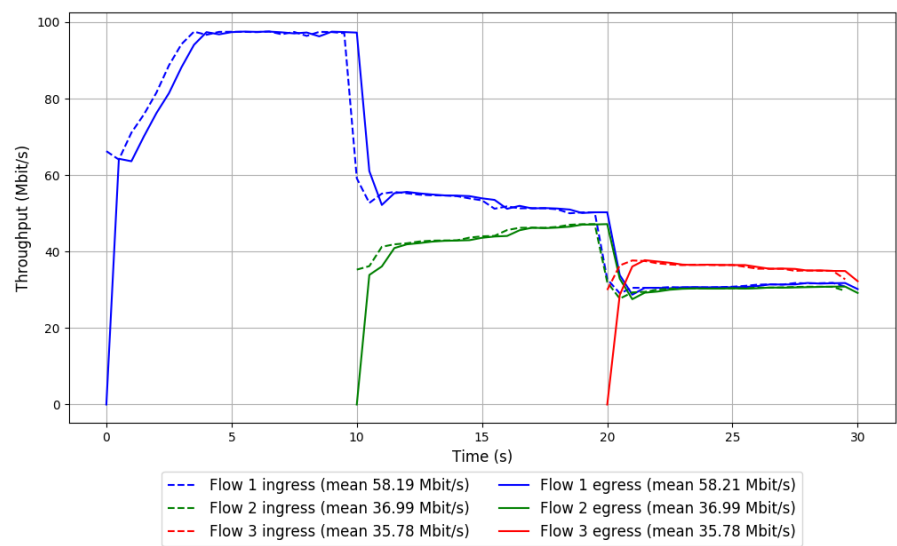


Run 6: Statistics of TCP Vegas

Start at: 2018-08-10 03:18:21
End at: 2018-08-10 03:18:51
Local clock offset: 0.102 ms
Remote clock offset: -7.196 ms

Below is generated by plot.py at 2018-08-10 05:06:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.72 Mbit/s
95th percentile per-packet one-way delay: 21.000 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.21 Mbit/s
95th percentile per-packet one-way delay: 20.830 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 20.791 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 35.78 Mbit/s
95th percentile per-packet one-way delay: 21.418 ms
Loss rate: 0.28%

Run 6: Report of TCP Vegas — Data Link

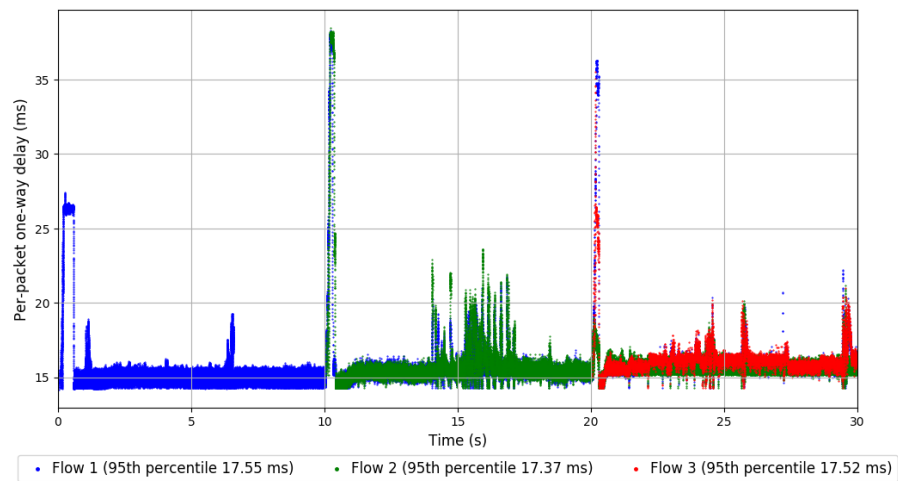
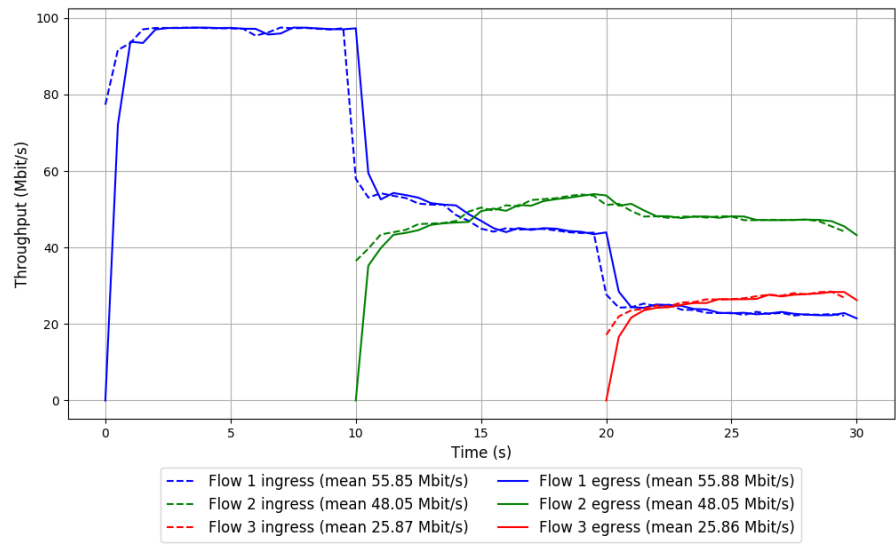


Run 7: Statistics of TCP Vegas

Start at: 2018-08-10 03:38:44
End at: 2018-08-10 03:39:14
Local clock offset: -3.248 ms
Remote clock offset: -6.979 ms

Below is generated by plot.py at 2018-08-10 05:07:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 17.476 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 17.547 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 48.05 Mbit/s
95th percentile per-packet one-way delay: 17.368 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 25.86 Mbit/s
95th percentile per-packet one-way delay: 17.516 ms
Loss rate: 0.30%

Run 7: Report of TCP Vegas — Data Link

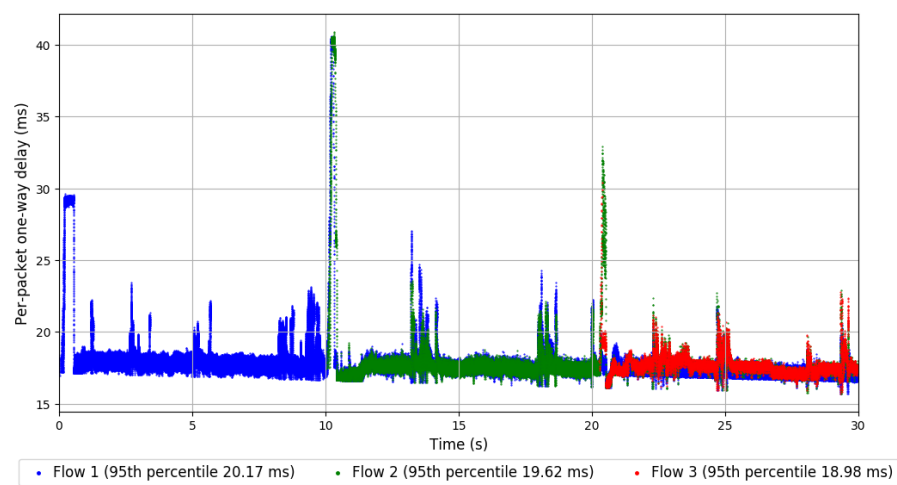
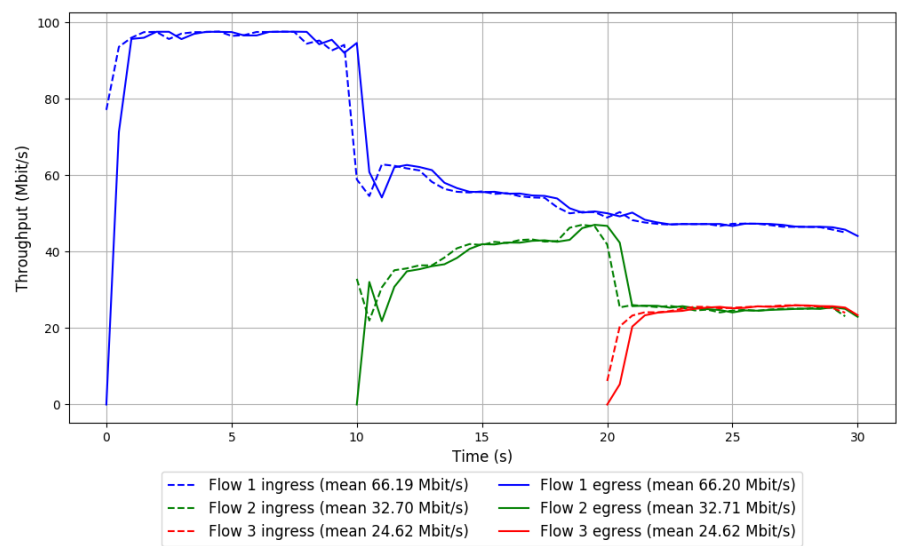


Run 8: Statistics of TCP Vegas

Start at: 2018-08-10 03:58:29
End at: 2018-08-10 03:58:59
Local clock offset: 1.793 ms
Remote clock offset: -80.984 ms

Below is generated by plot.py at 2018-08-10 05:07:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 19.905 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 66.20 Mbit/s
95th percentile per-packet one-way delay: 20.173 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 19.618 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 18.975 ms
Loss rate: 0.29%

Run 8: Report of TCP Vegas — Data Link

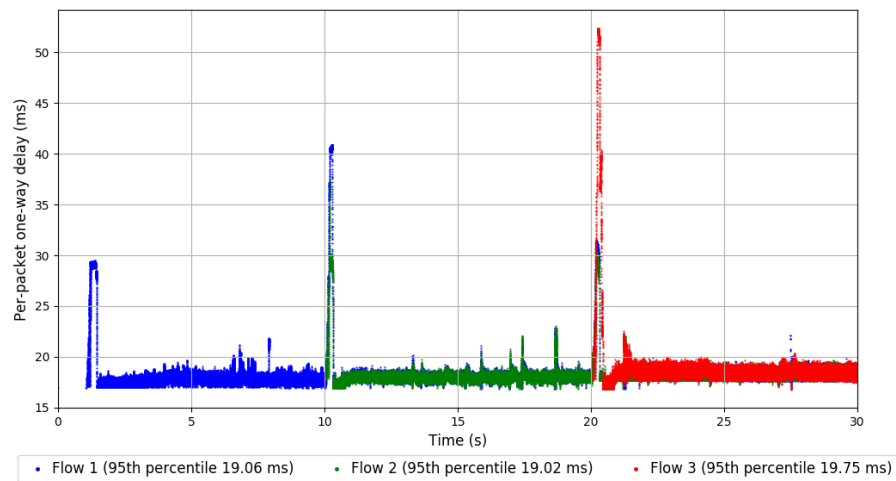
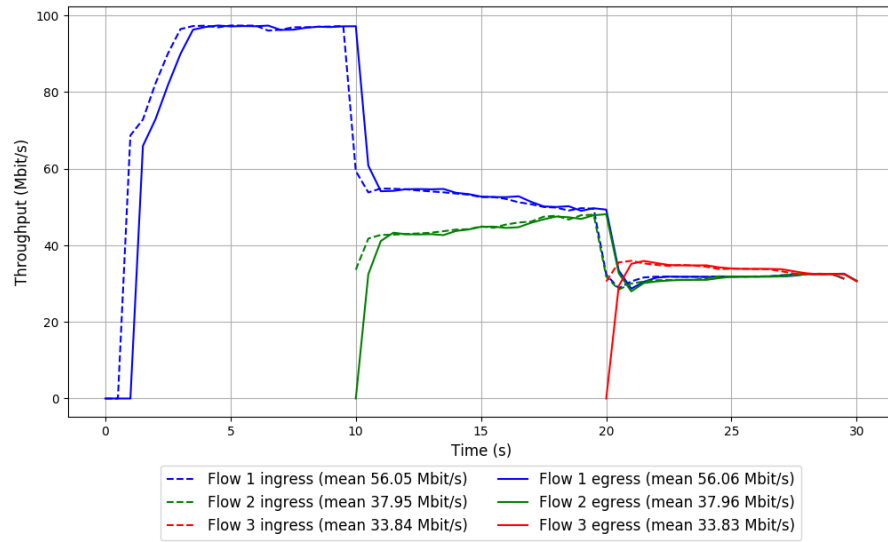


Run 9: Statistics of TCP Vegas

Start at: 2018-08-10 04:18:53
End at: 2018-08-10 04:19:23
Local clock offset: 0.764 ms
Remote clock offset: -91.516 ms

Below is generated by plot.py at 2018-08-10 05:07:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 19.208 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 19.056 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 19.018 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 33.83 Mbit/s
95th percentile per-packet one-way delay: 19.745 ms
Loss rate: 0.31%

Run 9: Report of TCP Vegas — Data Link

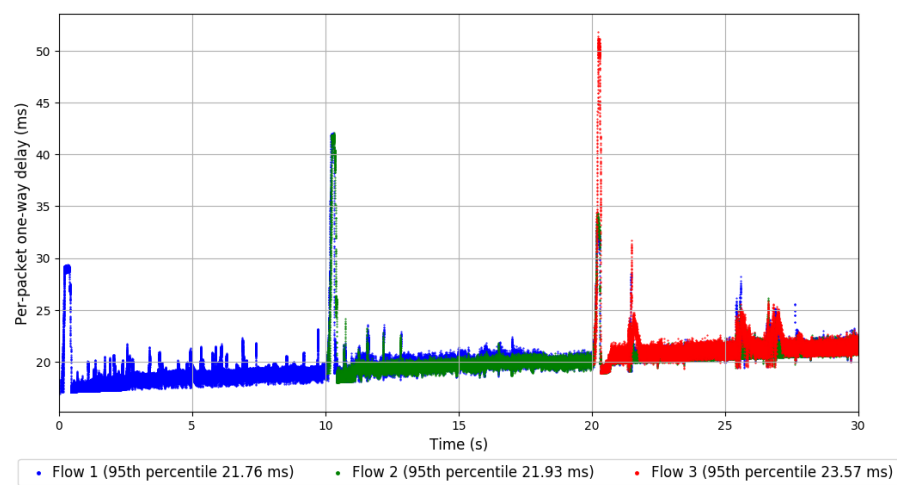
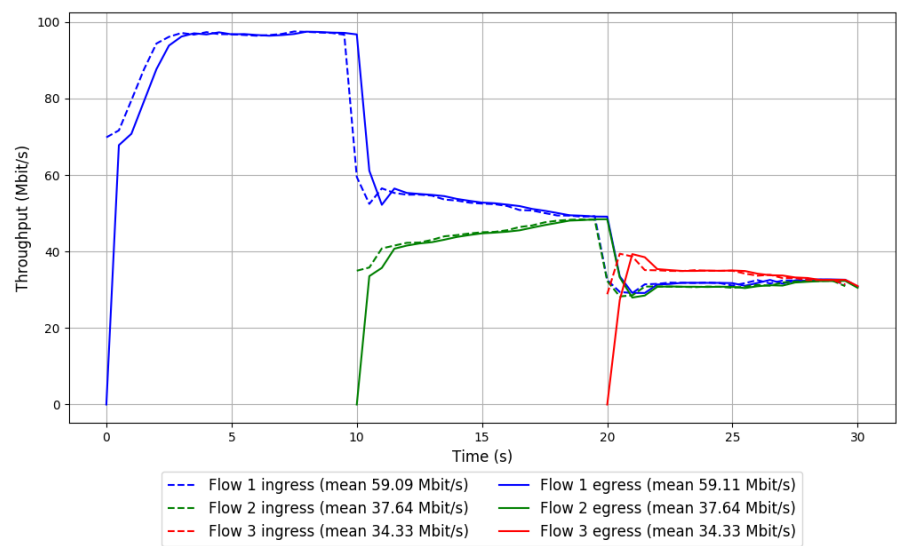


Run 10: Statistics of TCP Vegas

Start at: 2018-08-10 04:38:57
End at: 2018-08-10 04:39:27
Local clock offset: 1.373 ms
Remote clock offset: -114.232 ms

Below is generated by plot.py at 2018-08-10 05:07:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 22.148 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.11 Mbit/s
95th percentile per-packet one-way delay: 21.757 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 37.64 Mbit/s
95th percentile per-packet one-way delay: 21.925 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 34.33 Mbit/s
95th percentile per-packet one-way delay: 23.566 ms
Loss rate: 0.26%

Run 10: Report of TCP Vegas — Data Link

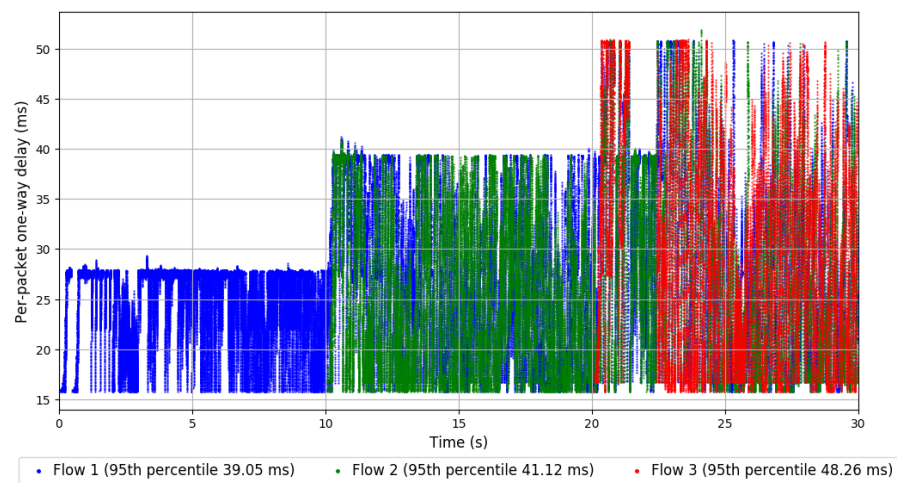
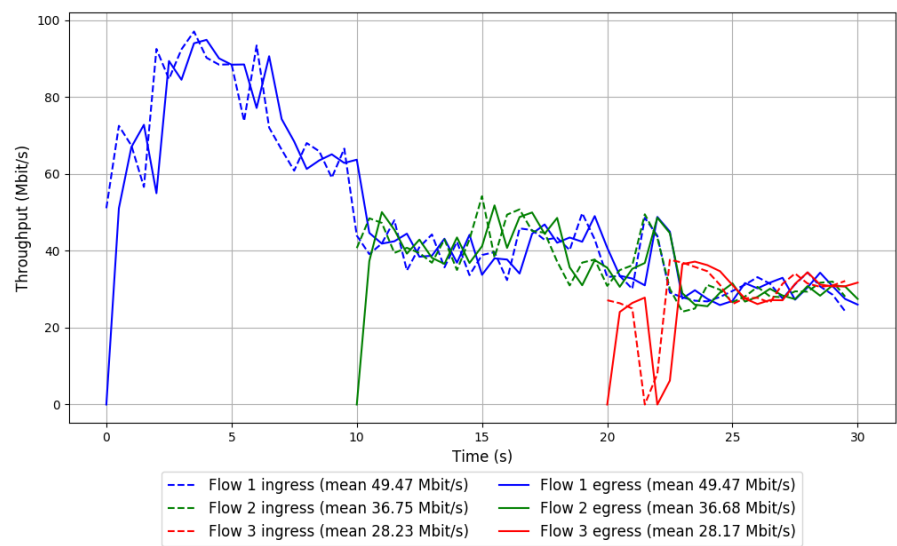


Run 1: Statistics of Verus

Start at: 2018-08-10 01:35:38
End at: 2018-08-10 01:36:08
Local clock offset: -0.785 ms
Remote clock offset: -7.183 ms

Below is generated by plot.py at 2018-08-10 05:07:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.23 Mbit/s
95th percentile per-packet one-way delay: 41.033 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 49.47 Mbit/s
95th percentile per-packet one-way delay: 39.052 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 41.124 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 28.17 Mbit/s
95th percentile per-packet one-way delay: 48.264 ms
Loss rate: 0.51%

Run 1: Report of Verus — Data Link

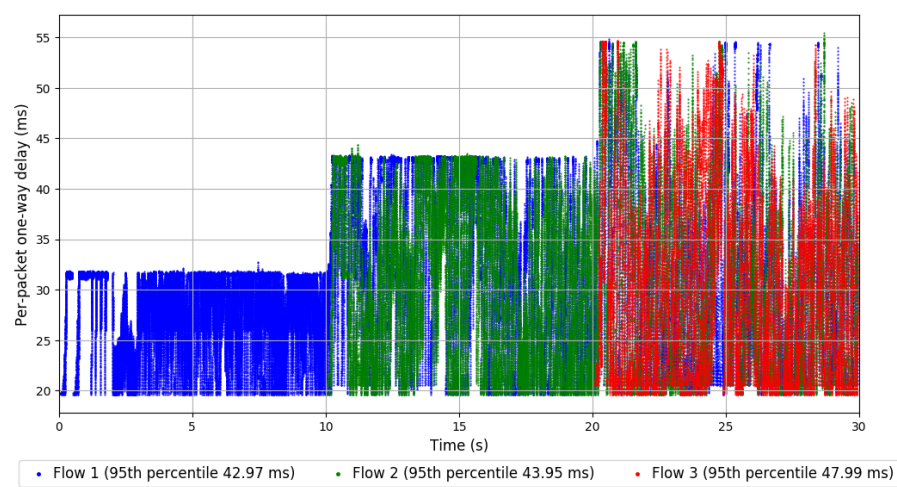
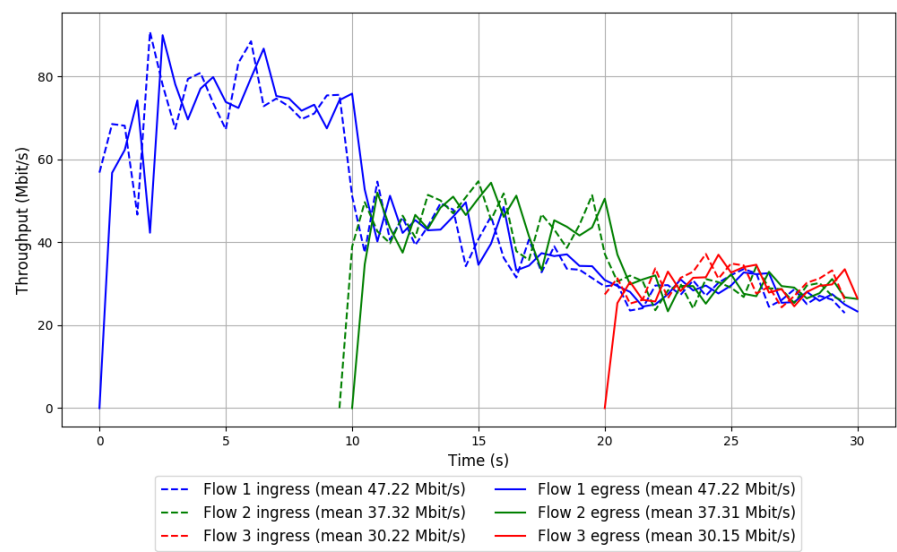


Run 2: Statistics of Verus

Start at: 2018-08-10 01:56:03
End at: 2018-08-10 01:56:33
Local clock offset: 2.386 ms
Remote clock offset: -6.898 ms

Below is generated by plot.py at 2018-08-10 05:07:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.06 Mbit/s
95th percentile per-packet one-way delay: 43.155 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 47.22 Mbit/s
95th percentile per-packet one-way delay: 42.965 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.31 Mbit/s
95th percentile per-packet one-way delay: 43.953 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 47.992 ms
Loss rate: 0.50%

Run 2: Report of Verus — Data Link

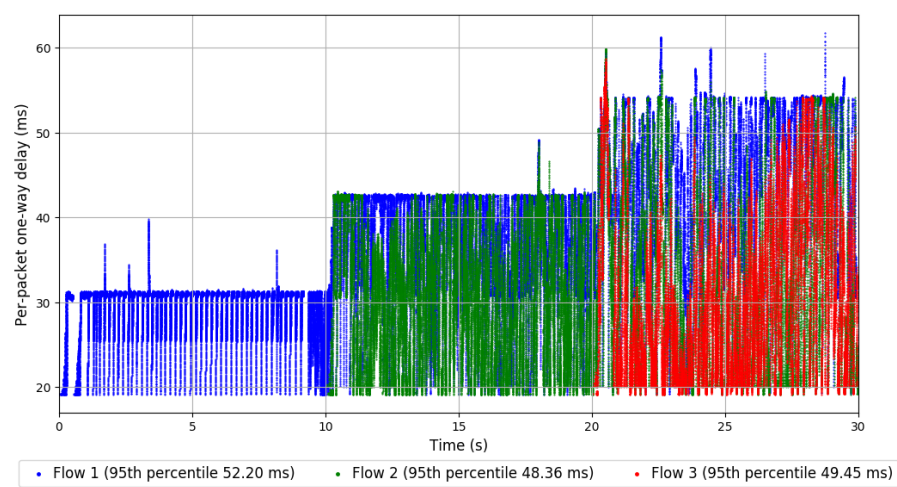
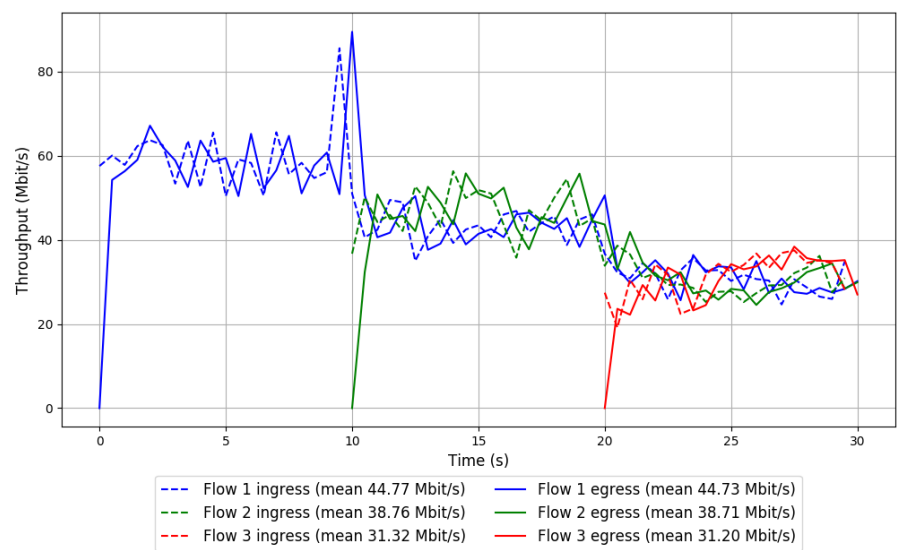


Run 3: Statistics of Verus

Start at: 2018-08-10 02:16:06
End at: 2018-08-10 02:16:36
Local clock offset: 2.425 ms
Remote clock offset: -6.253 ms

Below is generated by plot.py at 2018-08-10 05:07:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.85 Mbit/s
95th percentile per-packet one-way delay: 50.944 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 52.202 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 38.71 Mbit/s
95th percentile per-packet one-way delay: 48.362 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 49.452 ms
Loss rate: 0.66%

Run 3: Report of Verus — Data Link

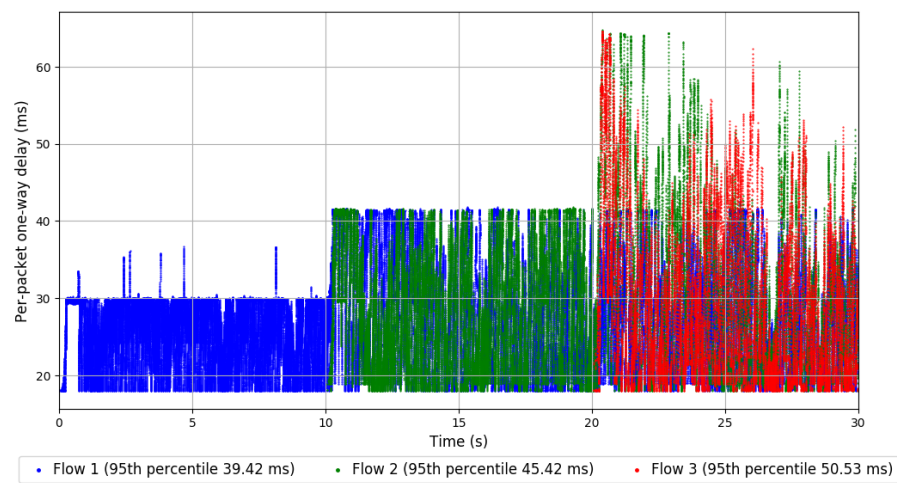
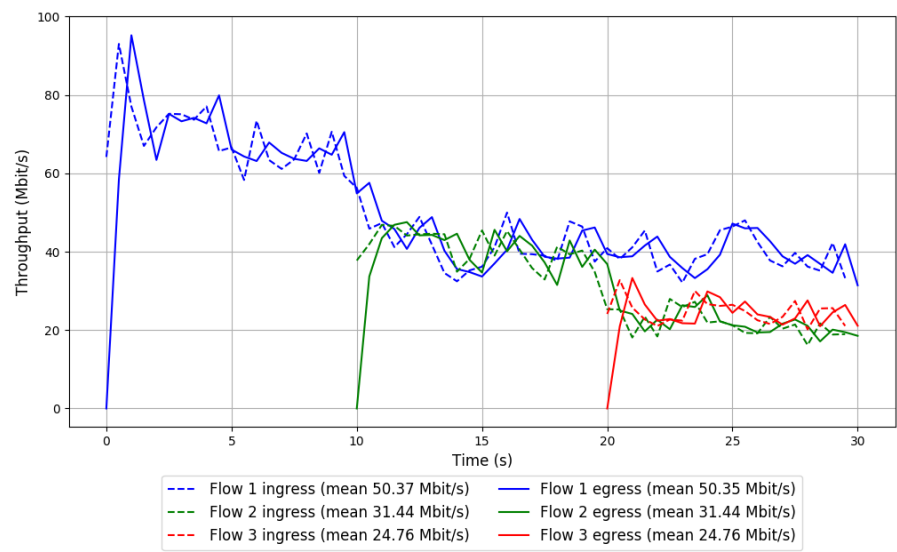


Run 4: Statistics of Verus

Start at: 2018-08-10 02:36:33
End at: 2018-08-10 02:37:03
Local clock offset: 1.245 ms
Remote clock offset: -3.494 ms

Below is generated by plot.py at 2018-08-10 05:07:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.47 Mbit/s
95th percentile per-packet one-way delay: 41.257 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 39.425 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 31.44 Mbit/s
95th percentile per-packet one-way delay: 45.418 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 50.528 ms
Loss rate: 0.23%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-08-10 02:56:56

End at: 2018-08-10 02:57:26

Local clock offset: 2.316 ms

Remote clock offset: -2.98 ms

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

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.43 Mbit/s

95th percentile per-packet one-way delay: 43.313 ms

Loss rate: 0.23%

-- Flow 1:

Average throughput: 46.92 Mbit/s

95th percentile per-packet one-way delay: 43.961 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 47.09 Mbit/s

95th percentile per-packet one-way delay: 43.039 ms

Loss rate: 0.31%

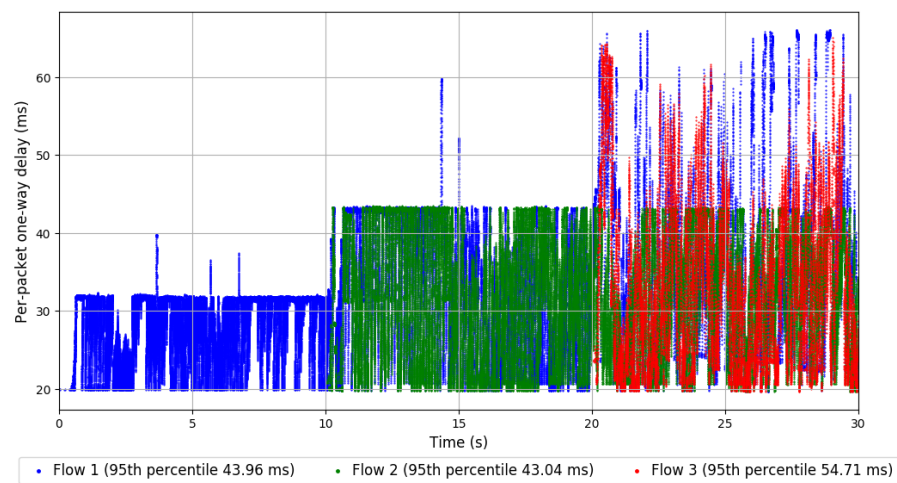
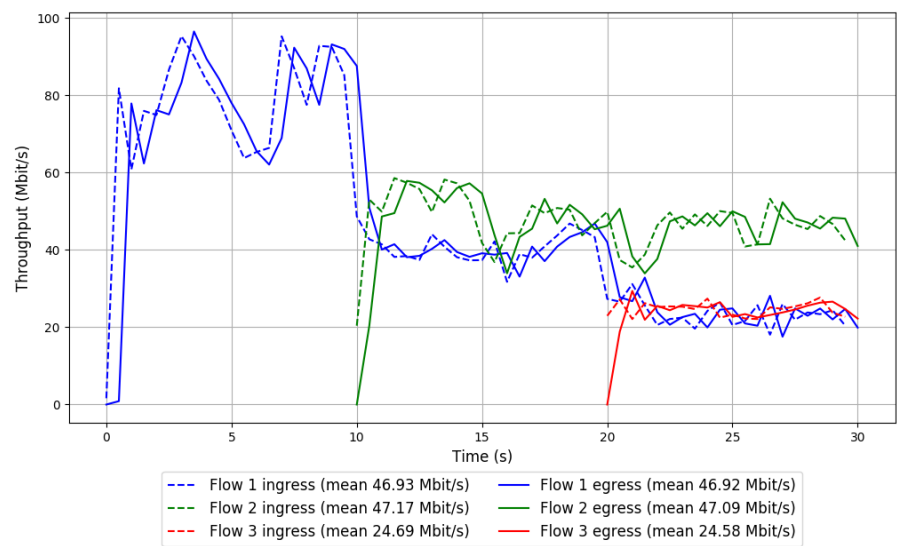
-- Flow 3:

Average throughput: 24.58 Mbit/s

95th percentile per-packet one-way delay: 54.709 ms

Loss rate: 0.75%

Run 5: Report of Verus — Data Link

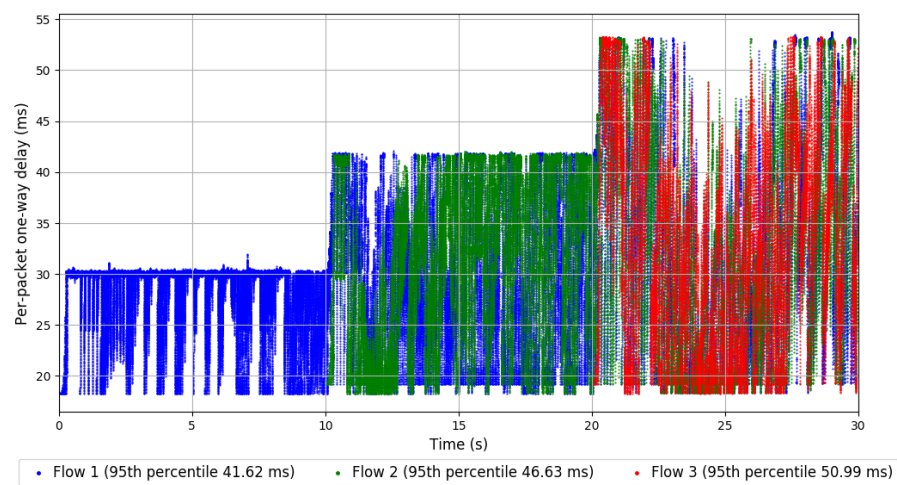
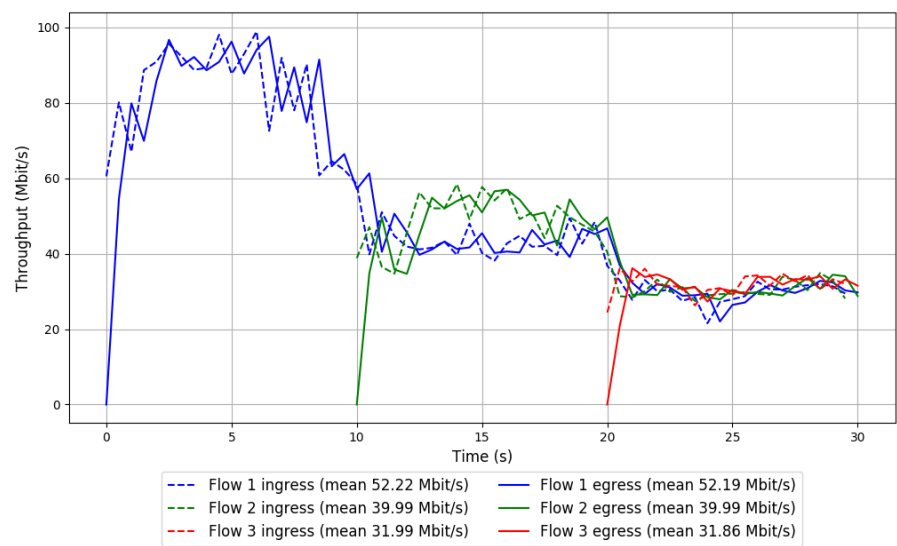


Run 6: Statistics of Verus

Start at: 2018-08-10 03:17:07
End at: 2018-08-10 03:17:37
Local clock offset: 0.24 ms
Remote clock offset: -6.823 ms

Below is generated by plot.py at 2018-08-10 05:08:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.39 Mbit/s
95th percentile per-packet one-way delay: 45.708 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 41.617 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 39.99 Mbit/s
95th percentile per-packet one-way delay: 46.635 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 50.995 ms
Loss rate: 0.68%

Run 6: Report of Verus — Data Link

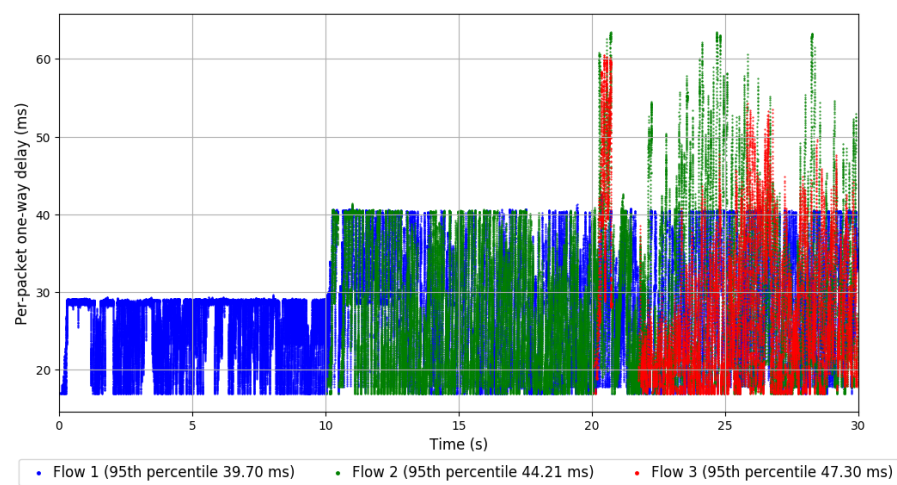
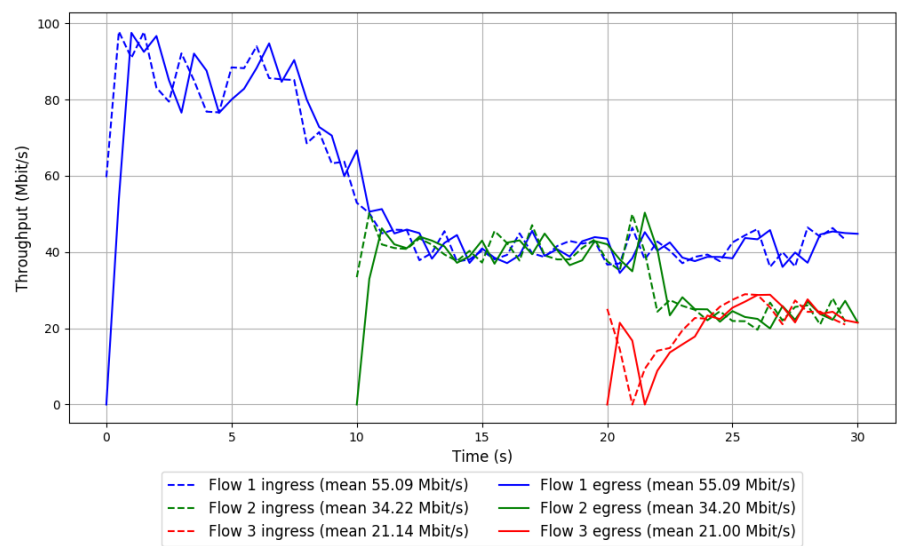


Run 7: Statistics of Verus

Start at: 2018-08-10 03:37:32
End at: 2018-08-10 03:38:02
Local clock offset: -0.379 ms
Remote clock offset: -6.839 ms

Below is generated by plot.py at 2018-08-10 05:08:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 40.274 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.09 Mbit/s
95th percentile per-packet one-way delay: 39.696 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 44.213 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 21.00 Mbit/s
95th percentile per-packet one-way delay: 47.301 ms
Loss rate: 0.69%

Run 7: Report of Verus — Data Link

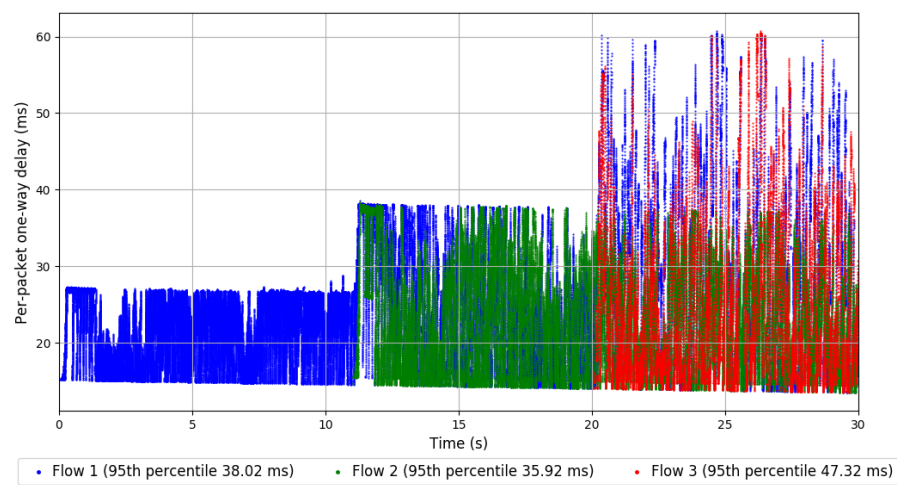
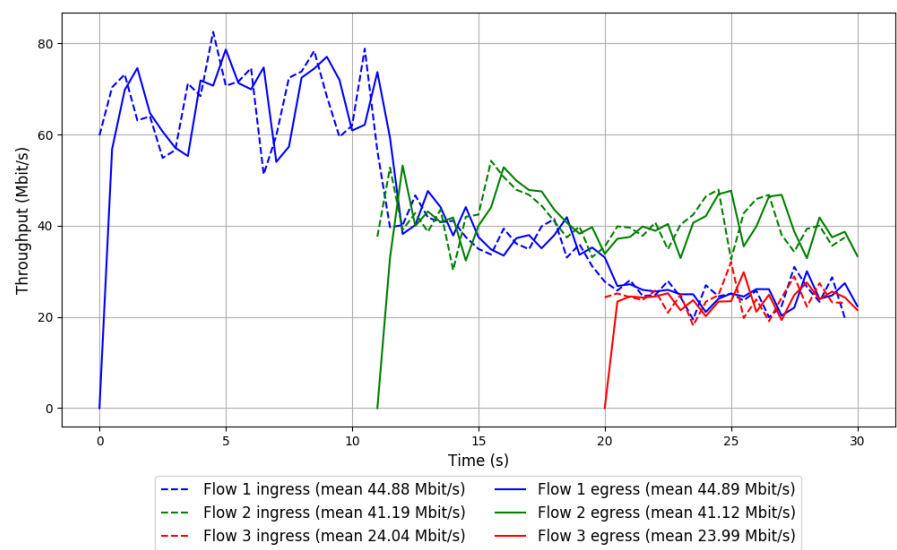


Run 8: Statistics of Verus

Start at: 2018-08-10 03:57:19
End at: 2018-08-10 03:57:49
Local clock offset: -1.59 ms
Remote clock offset: -78.526 ms

Below is generated by plot.py at 2018-08-10 05:08:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.86 Mbit/s
95th percentile per-packet one-way delay: 37.830 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 38.019 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 41.12 Mbit/s
95th percentile per-packet one-way delay: 35.916 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 23.99 Mbit/s
95th percentile per-packet one-way delay: 47.318 ms
Loss rate: 0.49%

Run 8: Report of Verus — Data Link

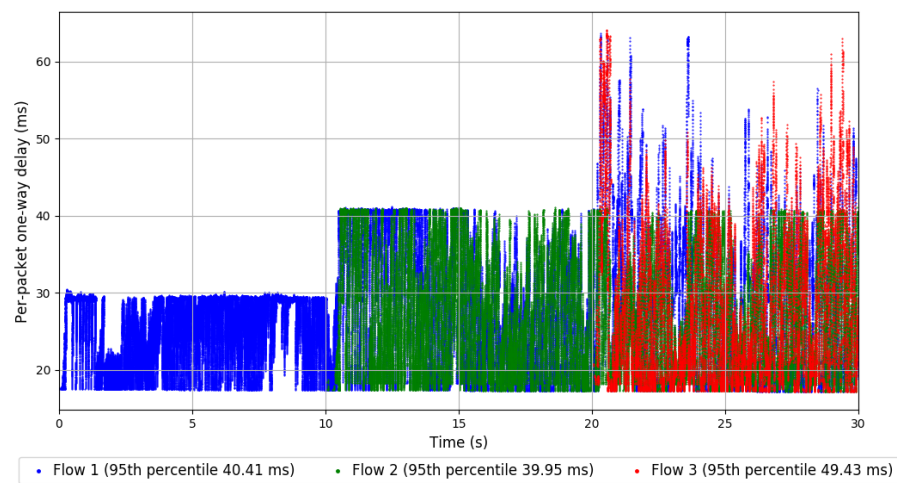
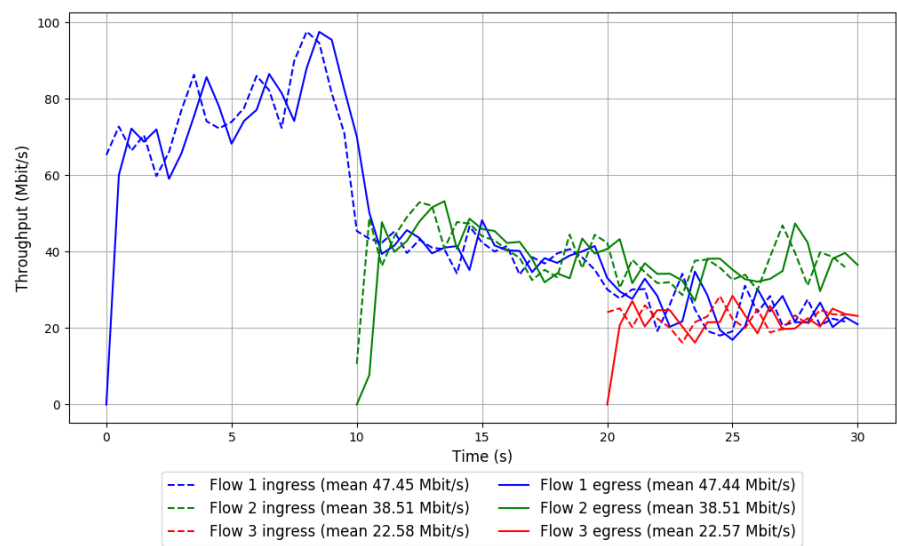


Run 9: Statistics of Verus

Start at: 2018-08-10 04:17:38
End at: 2018-08-10 04:18:08
Local clock offset: 1.552 ms
Remote clock offset: -90.331 ms

Below is generated by plot.py at 2018-08-10 05:08:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.56 Mbit/s
95th percentile per-packet one-way delay: 40.473 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 47.44 Mbit/s
95th percentile per-packet one-way delay: 40.415 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.51 Mbit/s
95th percentile per-packet one-way delay: 39.955 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 22.57 Mbit/s
95th percentile per-packet one-way delay: 49.429 ms
Loss rate: 0.29%

Run 9: Report of Verus — Data Link

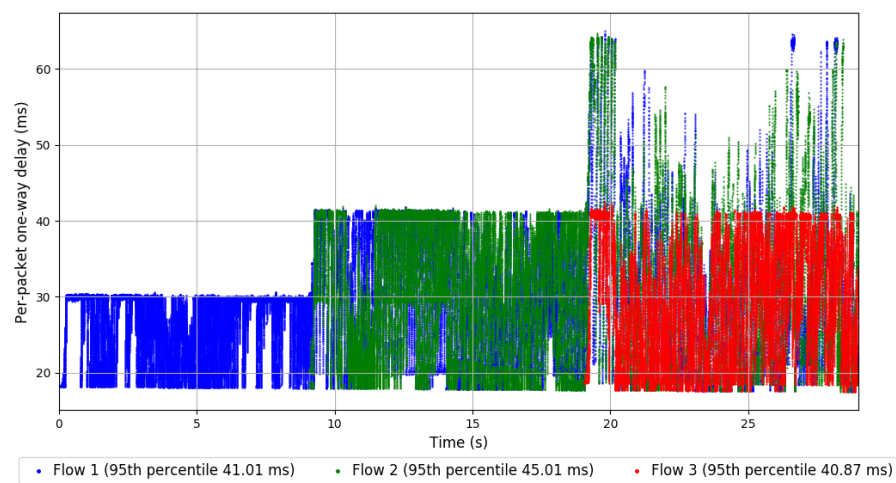
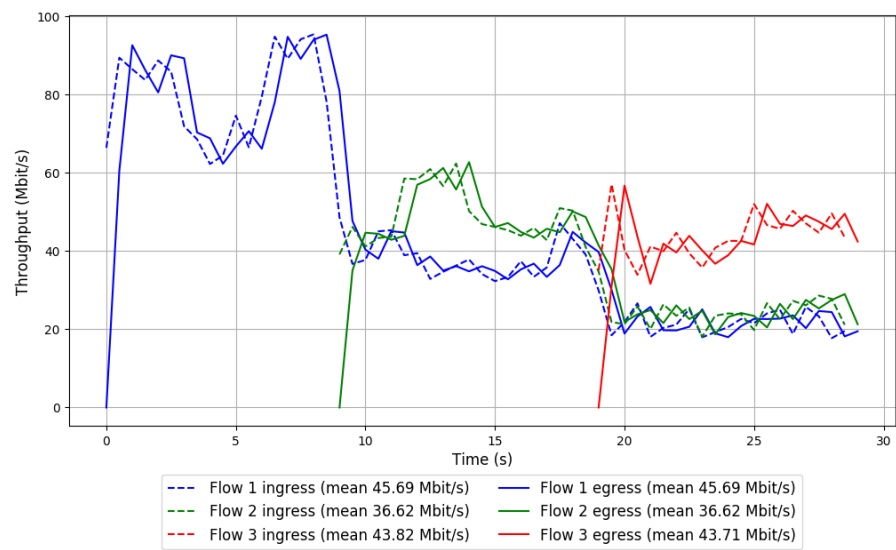


Run 10: Statistics of Verus

Start at: 2018-08-10 04:37:47
End at: 2018-08-10 04:38:17
Local clock offset: 3.813 ms
Remote clock offset: -112.028 ms

Below is generated by plot.py at 2018-08-10 05:08:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.89 Mbit/s
95th percentile per-packet one-way delay: 41.159 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 45.69 Mbit/s
95th percentile per-packet one-way delay: 41.006 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 45.007 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 43.71 Mbit/s
95th percentile per-packet one-way delay: 40.867 ms
Loss rate: 0.53%

Run 10: Report of Verus — Data Link

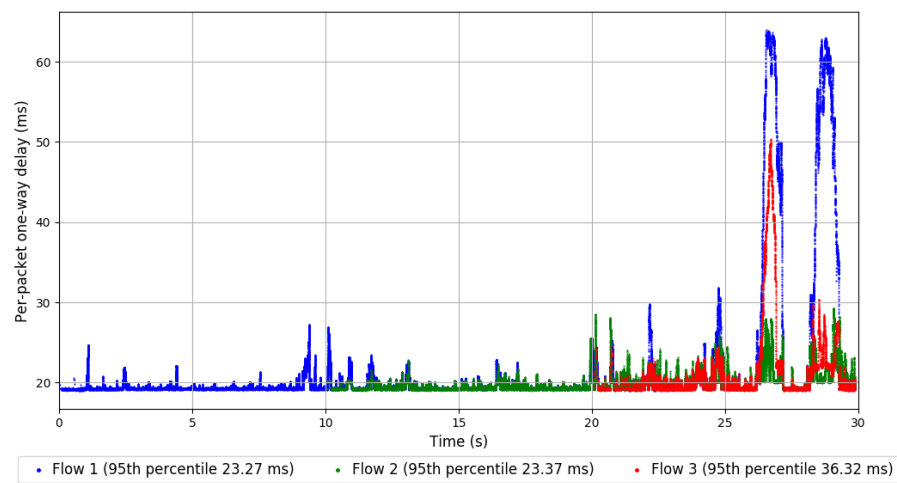
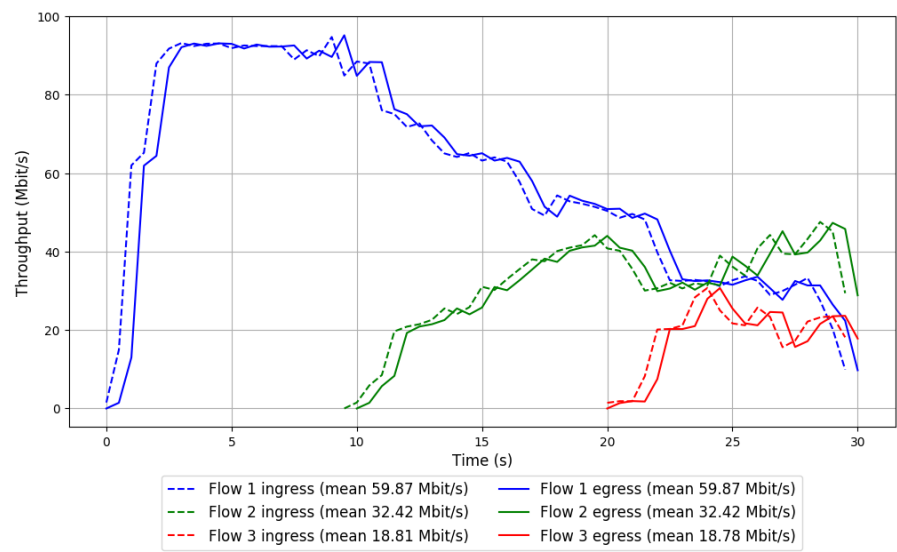


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-10 01:31:59
End at: 2018-08-10 01:32:29
Local clock offset: 0.753 ms
Remote clock offset: -8.853 ms

Below is generated by plot.py at 2018-08-10 05:08:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 24.037 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.87 Mbit/s
95th percentile per-packet one-way delay: 23.265 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 32.42 Mbit/s
95th percentile per-packet one-way delay: 23.372 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 18.78 Mbit/s
95th percentile per-packet one-way delay: 36.319 ms
Loss rate: 0.40%

Run 1: Report of PCC-Vivace — Data Link

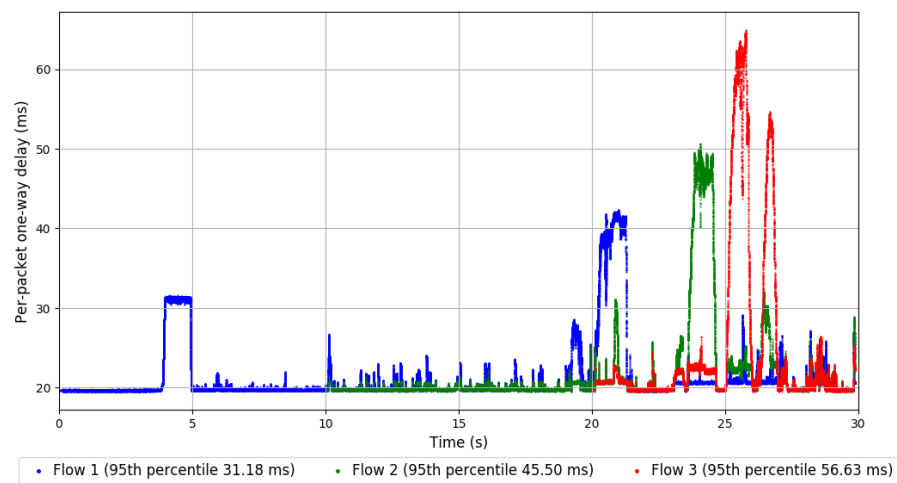
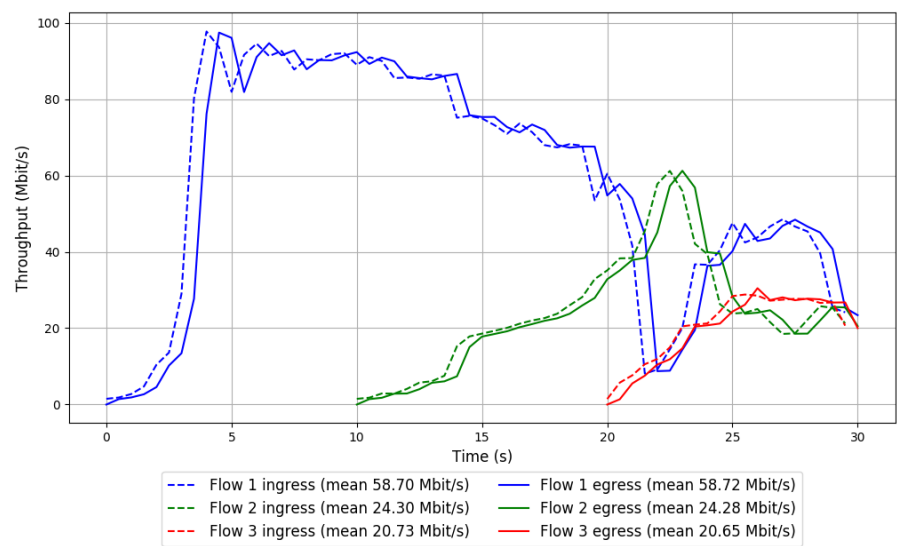


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-10 01:52:26
End at: 2018-08-10 01:52:56
Local clock offset: 1.411 ms
Remote clock offset: -7.937 ms

Below is generated by plot.py at 2018-08-10 05:08:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.67 Mbit/s
95th percentile per-packet one-way delay: 33.035 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 58.72 Mbit/s
95th percentile per-packet one-way delay: 31.185 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 45.502 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 20.65 Mbit/s
95th percentile per-packet one-way delay: 56.632 ms
Loss rate: 0.66%

Run 2: Report of PCC-Vivace — Data Link

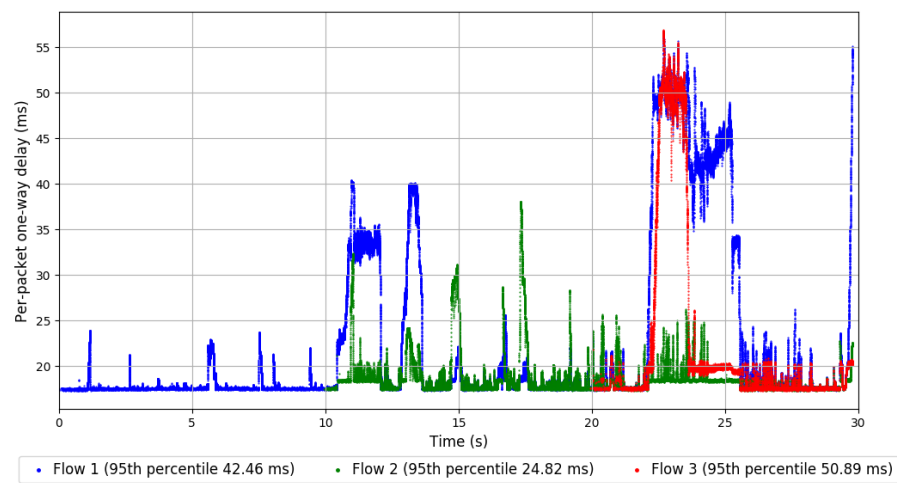
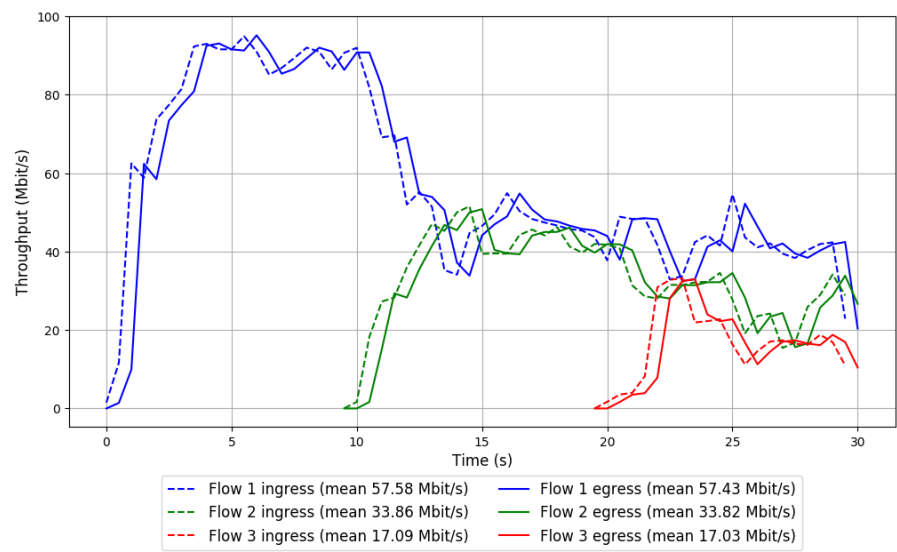


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-10 02:12:34
End at: 2018-08-10 02:13:04
Local clock offset: 0.332 ms
Remote clock offset: -6.835 ms

Below is generated by plot.py at 2018-08-10 05:09:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.61 Mbit/s
95th percentile per-packet one-way delay: 41.941 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 57.43 Mbit/s
95th percentile per-packet one-way delay: 42.459 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 24.821 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 17.03 Mbit/s
95th percentile per-packet one-way delay: 50.890 ms
Loss rate: 0.64%

Run 3: Report of PCC-Vivace — Data Link

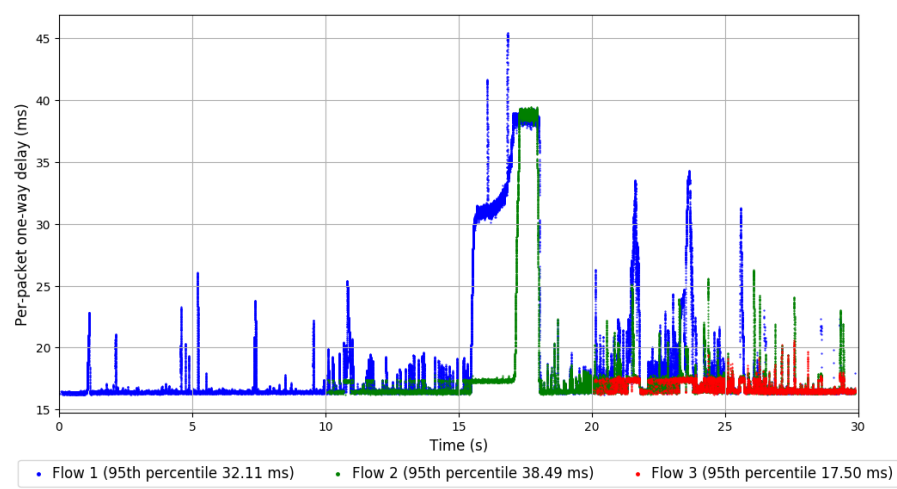
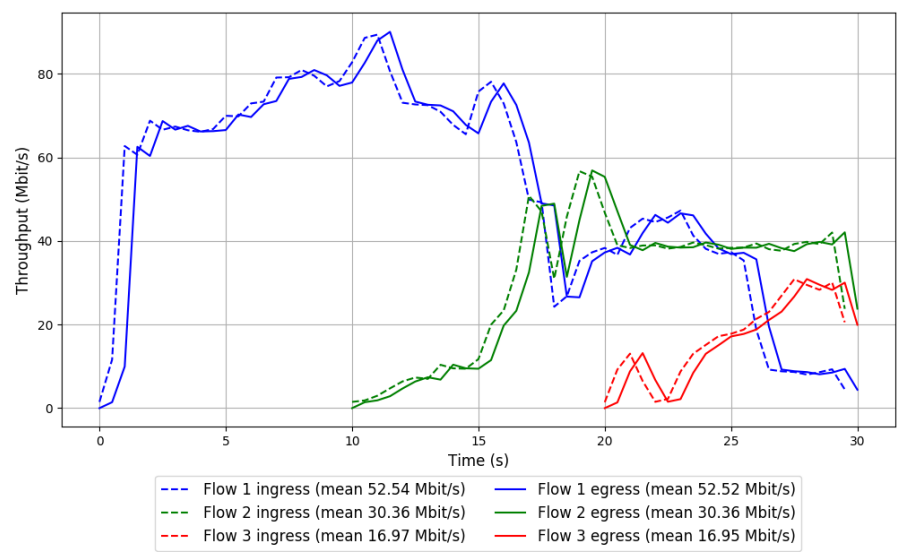


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-10 02:32:54
End at: 2018-08-10 02:33:24
Local clock offset: -0.85 ms
Remote clock offset: -4.402 ms

Below is generated by plot.py at 2018-08-10 05:09:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 31.983 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 52.52 Mbit/s
95th percentile per-packet one-way delay: 32.111 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 30.36 Mbit/s
95th percentile per-packet one-way delay: 38.495 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 16.95 Mbit/s
95th percentile per-packet one-way delay: 17.501 ms
Loss rate: 0.47%

Run 4: Report of PCC-Vivace — Data Link

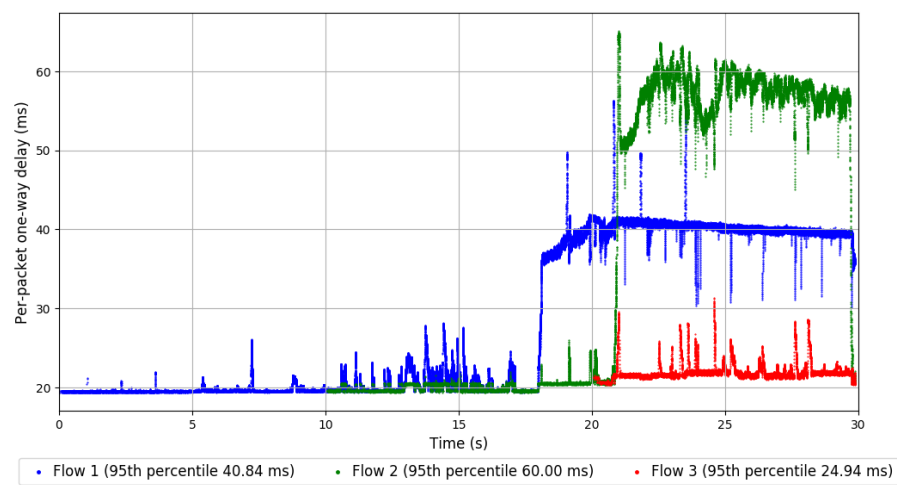
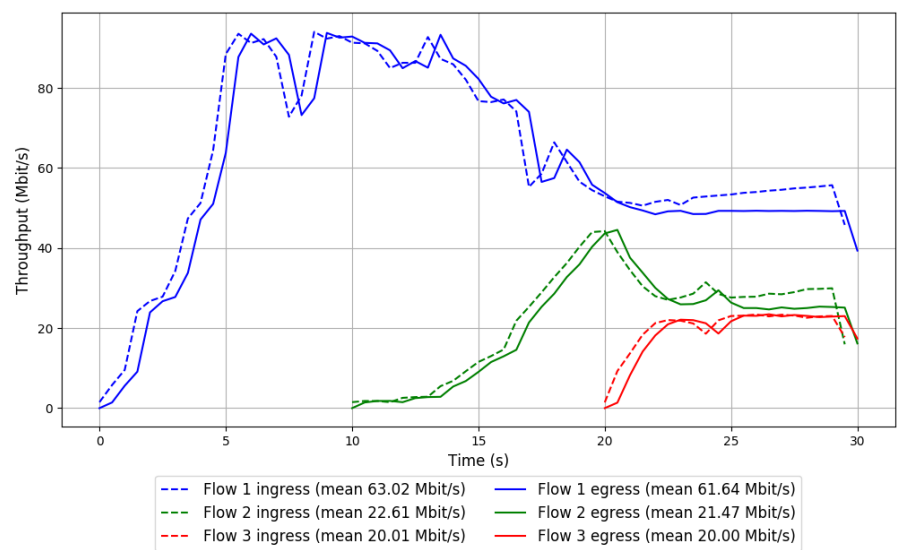


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-10 02:53:18
End at: 2018-08-10 02:53:48
Local clock offset: 2.245 ms
Remote clock offset: -2.652 ms

Below is generated by plot.py at 2018-08-10 05:09:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 57.087 ms
Loss rate: 2.65%
-- Flow 1:
Average throughput: 61.64 Mbit/s
95th percentile per-packet one-way delay: 40.836 ms
Loss rate: 2.29%
-- Flow 2:
Average throughput: 21.47 Mbit/s
95th percentile per-packet one-way delay: 60.003 ms
Loss rate: 5.17%
-- Flow 3:
Average throughput: 20.00 Mbit/s
95th percentile per-packet one-way delay: 24.940 ms
Loss rate: 0.35%

Run 5: Report of PCC-Vivace — Data Link

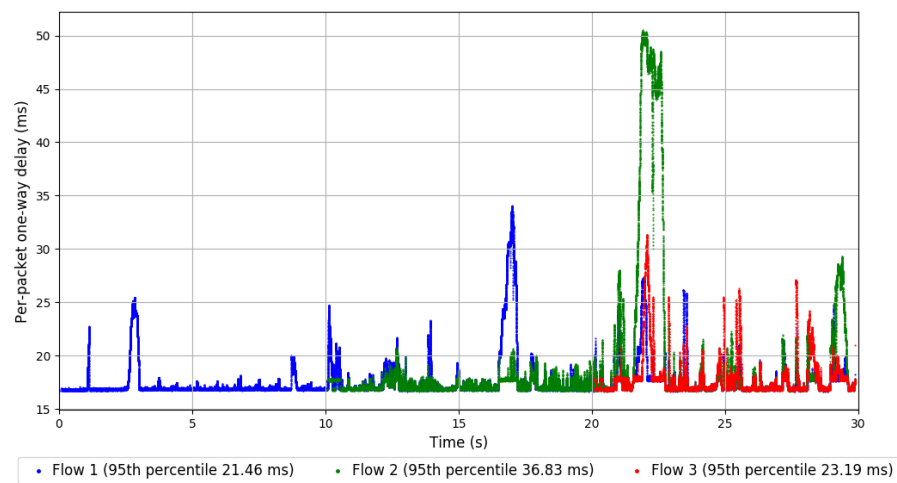
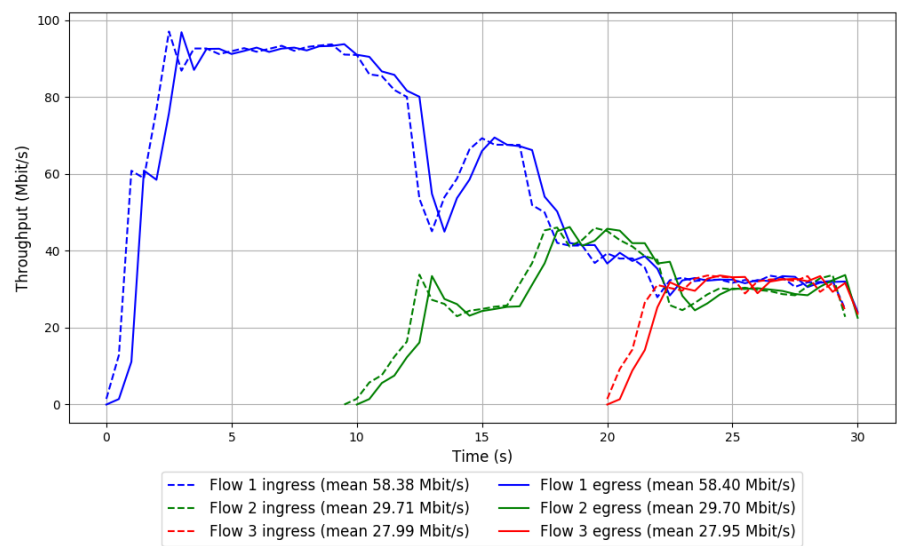


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-10 03:13:37
End at: 2018-08-10 03:14:07
Local clock offset: -0.026 ms
Remote clock offset: -5.948 ms

Below is generated by plot.py at 2018-08-10 05:09:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 23.640 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 21.458 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 36.832 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 27.95 Mbit/s
95th percentile per-packet one-way delay: 23.194 ms
Loss rate: 0.37%

Run 6: Report of PCC-Vivace — Data Link

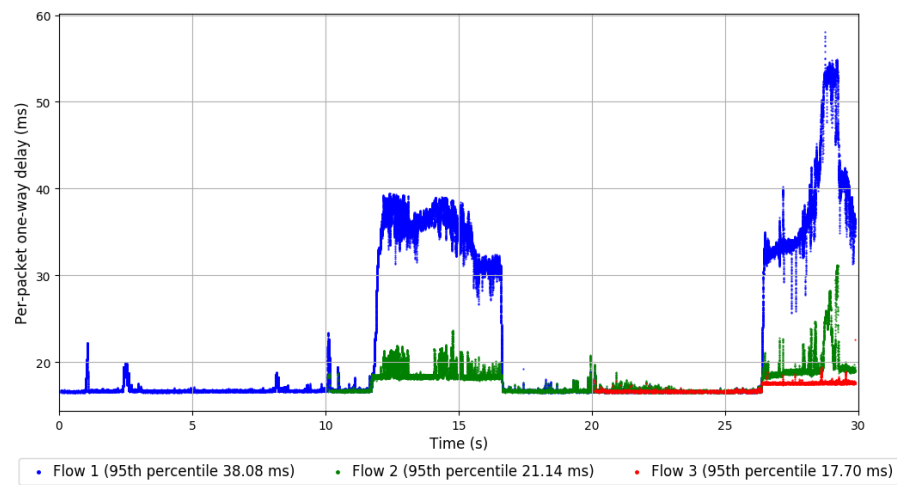
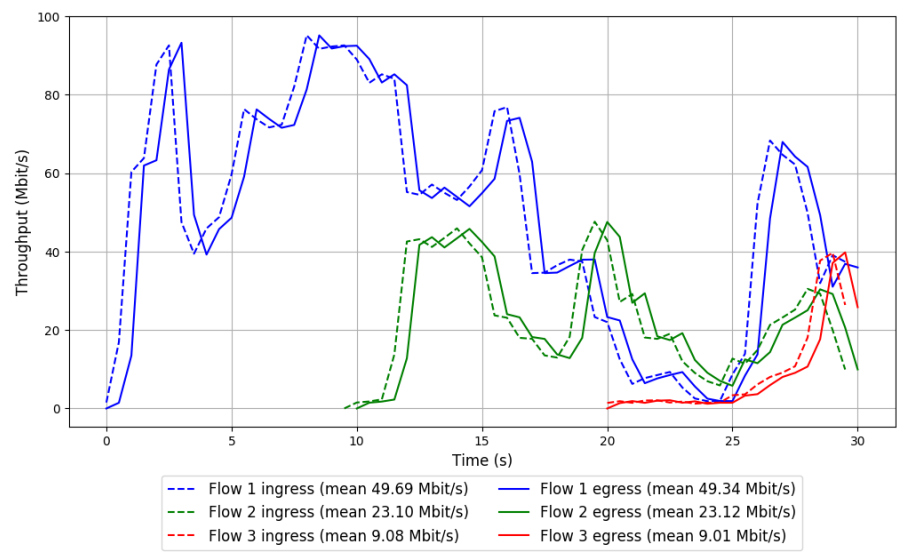


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-10 03:33:55
End at: 2018-08-10 03:34:25
Local clock offset: -0.548 ms
Remote clock offset: -6.787 ms

Below is generated by plot.py at 2018-08-10 05:09:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.68 Mbit/s
95th percentile per-packet one-way delay: 37.275 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 49.34 Mbit/s
95th percentile per-packet one-way delay: 38.081 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 23.12 Mbit/s
95th percentile per-packet one-way delay: 21.142 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 17.697 ms
Loss rate: 1.09%

Run 7: Report of PCC-Vivace — Data Link

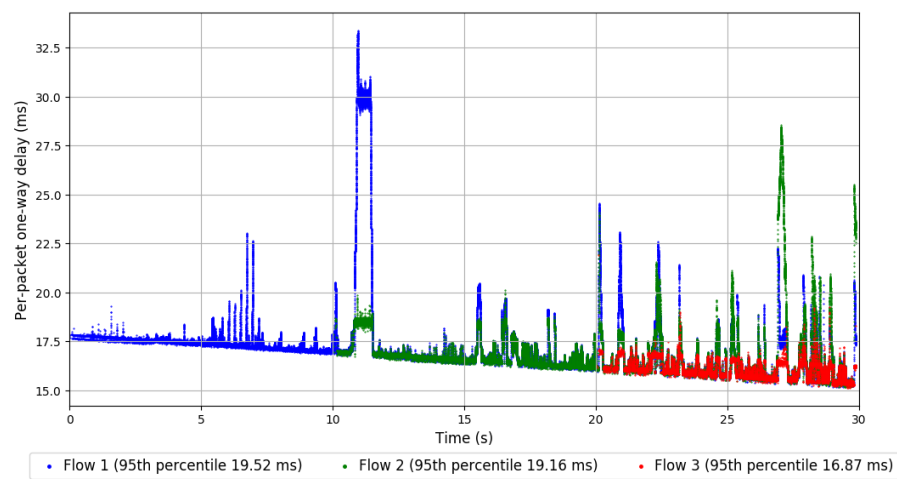
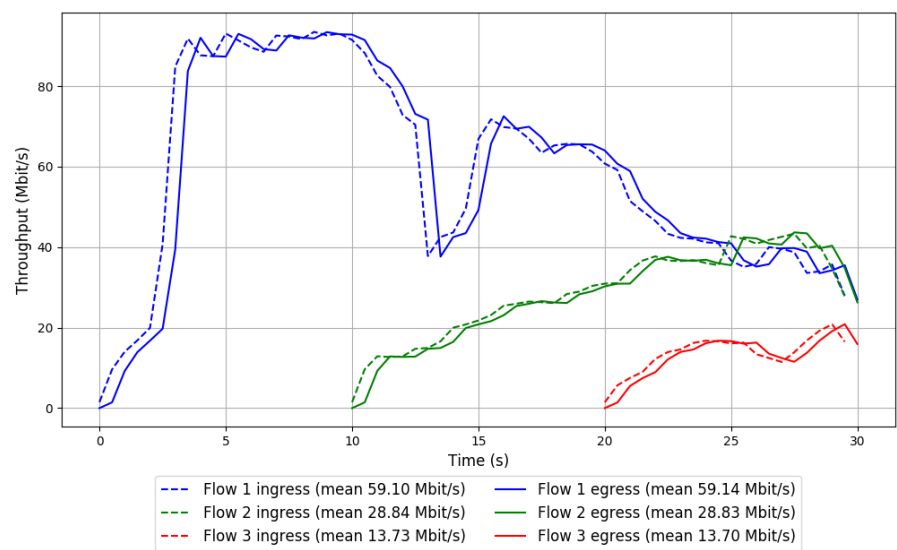


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-10 03:53:44
End at: 2018-08-10 03:54:14
Local clock offset: 1.807 ms
Remote clock offset: -62.677 ms

Below is generated by plot.py at 2018-08-10 05:09:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.83 Mbit/s
95th percentile per-packet one-way delay: 19.171 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.14 Mbit/s
95th percentile per-packet one-way delay: 19.524 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 28.83 Mbit/s
95th percentile per-packet one-way delay: 19.161 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 13.70 Mbit/s
95th percentile per-packet one-way delay: 16.871 ms
Loss rate: 0.43%

Run 8: Report of PCC-Vivace — Data Link

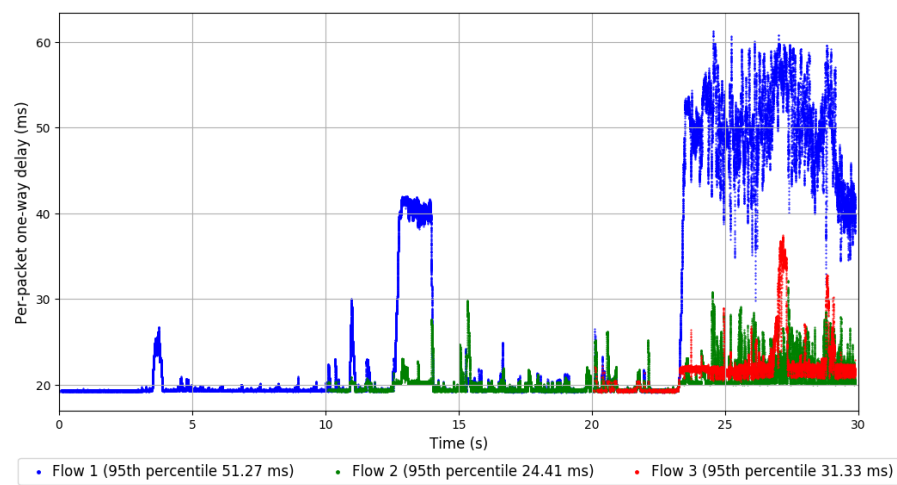
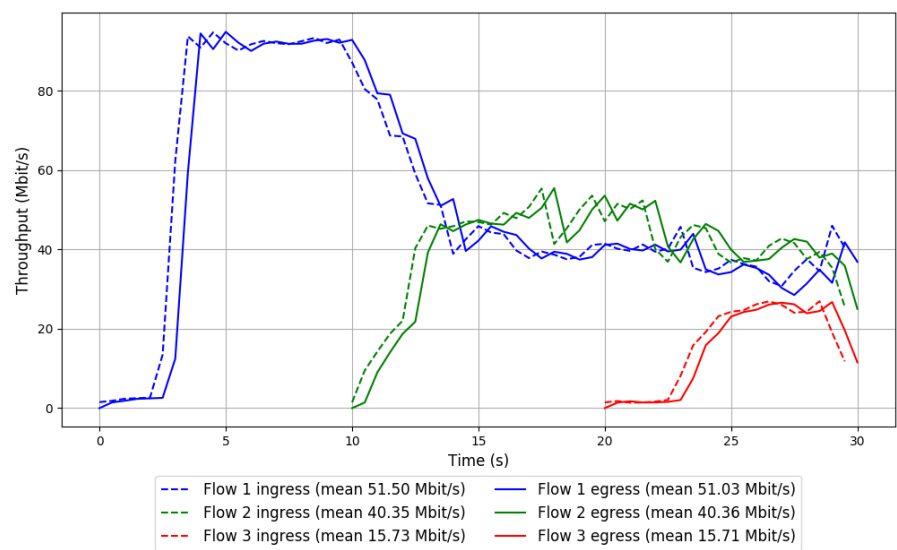


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-10 04:13:59
End at: 2018-08-10 04:14:29
Local clock offset: 3.68 ms
Remote clock offset: -88.629 ms

Below is generated by plot.py at 2018-08-10 05:09:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.04 Mbit/s
95th percentile per-packet one-way delay: 48.585 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 51.03 Mbit/s
95th percentile per-packet one-way delay: 51.270 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 40.36 Mbit/s
95th percentile per-packet one-way delay: 24.409 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 15.71 Mbit/s
95th percentile per-packet one-way delay: 31.330 ms
Loss rate: 0.38%

Run 9: Report of PCC-Vivace — Data Link

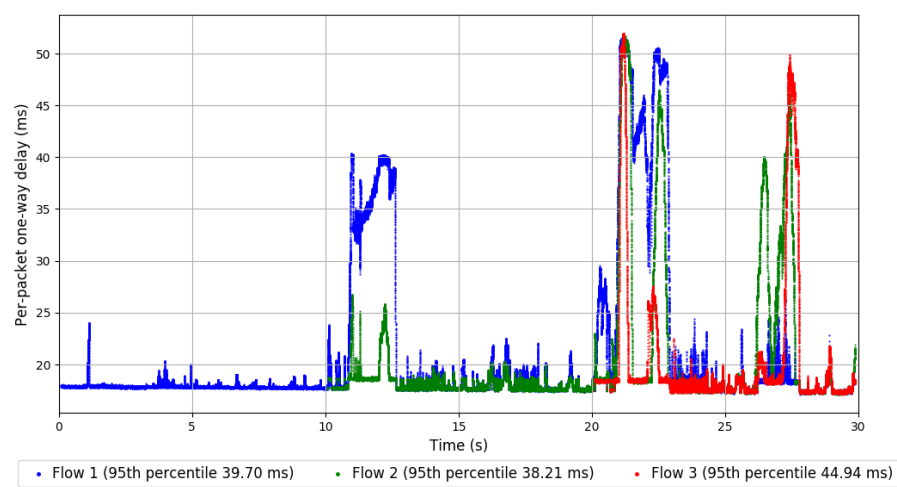
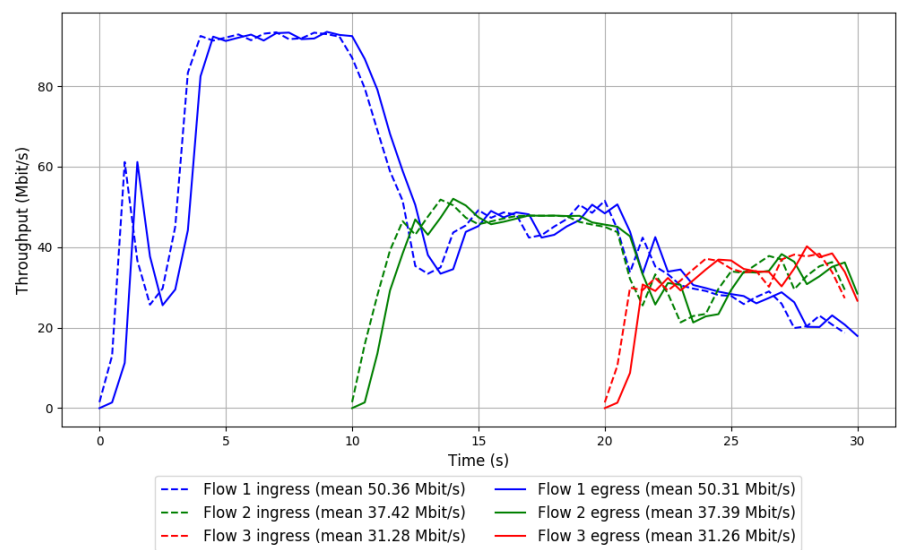


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-10 04:34:14
End at: 2018-08-10 04:34:44
Local clock offset: 2.314 ms
Remote clock offset: -108.344 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.46 Mbit/s
95th percentile per-packet one-way delay: 39.717 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 39.696 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 37.39 Mbit/s
95th percentile per-packet one-way delay: 38.211 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 44.936 ms
Loss rate: 0.35%

Run 10: Report of PCC-Vivace — Data Link

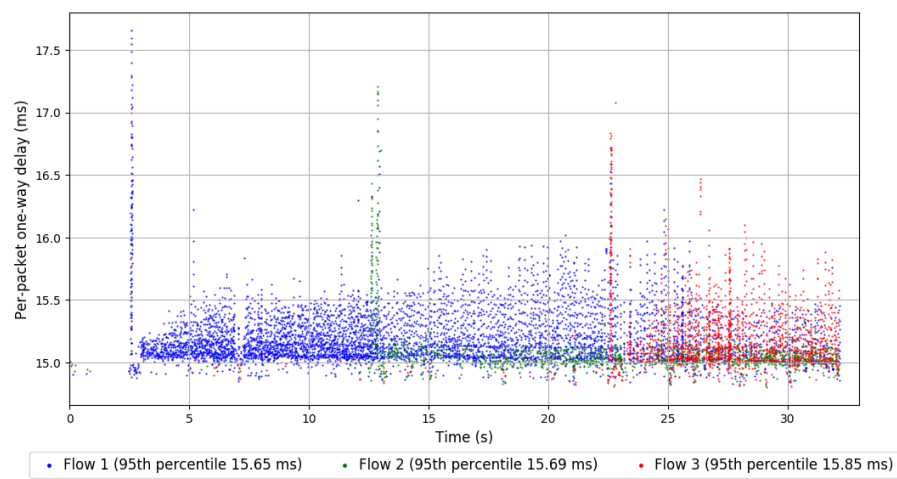
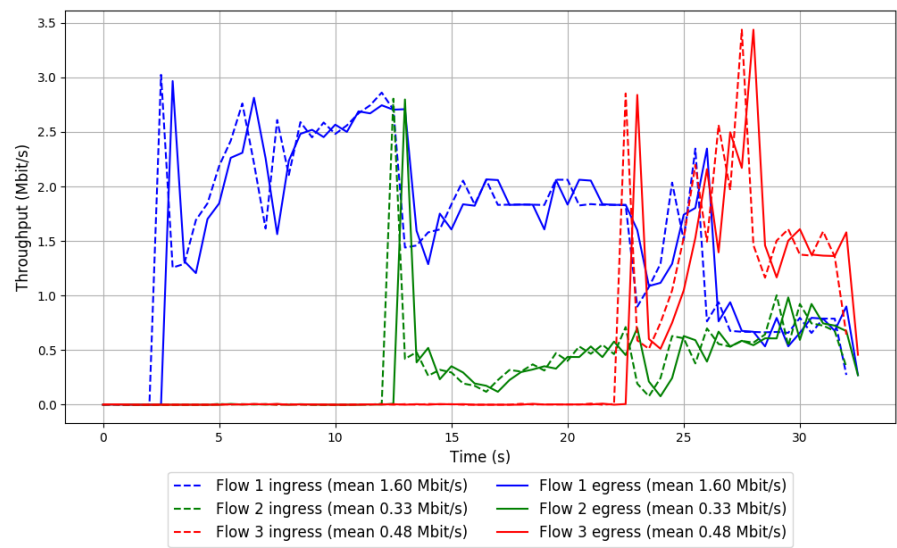


Run 1: Statistics of WebRTC media

Start at: 2018-08-10 01:23:50
End at: 2018-08-10 01:24:20
Local clock offset: -1.992 ms
Remote clock offset: -6.575 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 15.703 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 15.651 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 15.693 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 15.854 ms
Loss rate: 0.60%

Run 1: Report of WebRTC media — Data Link

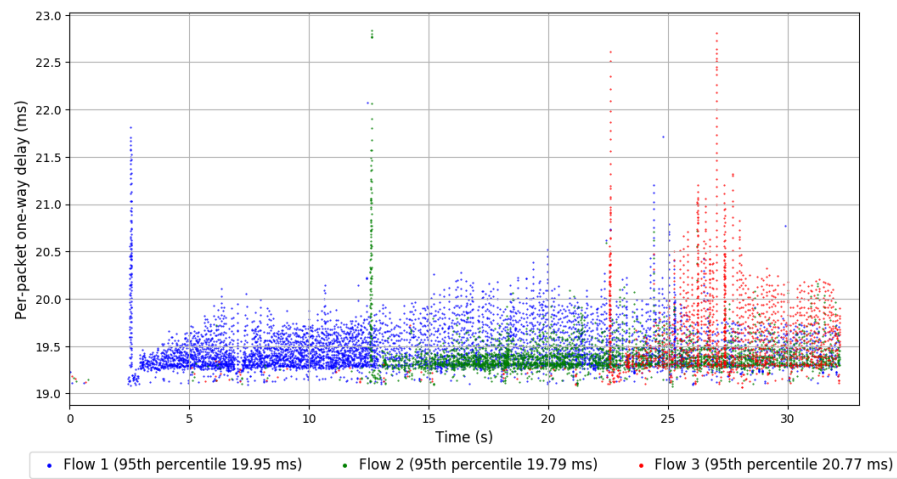
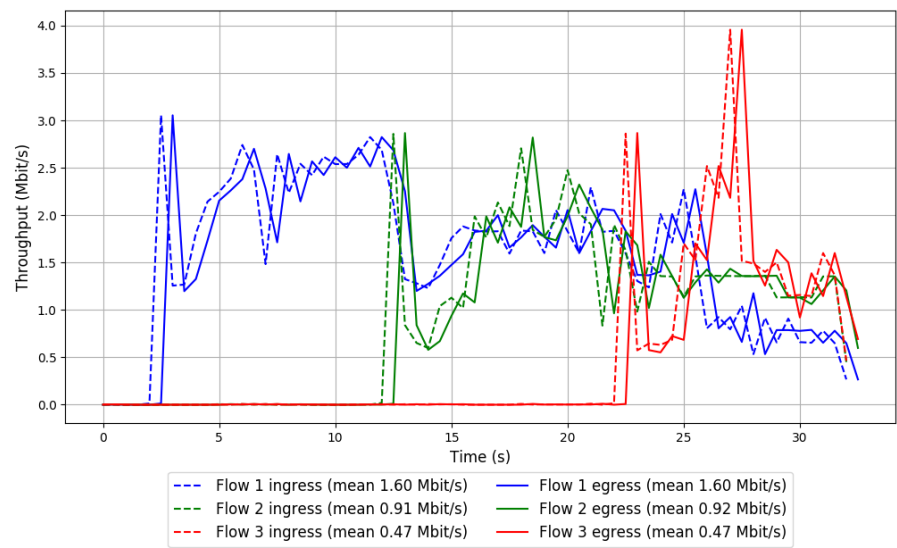


Run 2: Statistics of WebRTC media

Start at: 2018-08-10 01:44:18
End at: 2018-08-10 01:44:48
Local clock offset: 1.367 ms
Remote clock offset: -8.662 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.98 Mbit/s
95th percentile per-packet one-way delay: 20.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 19.950 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 19.793 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 20.772 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

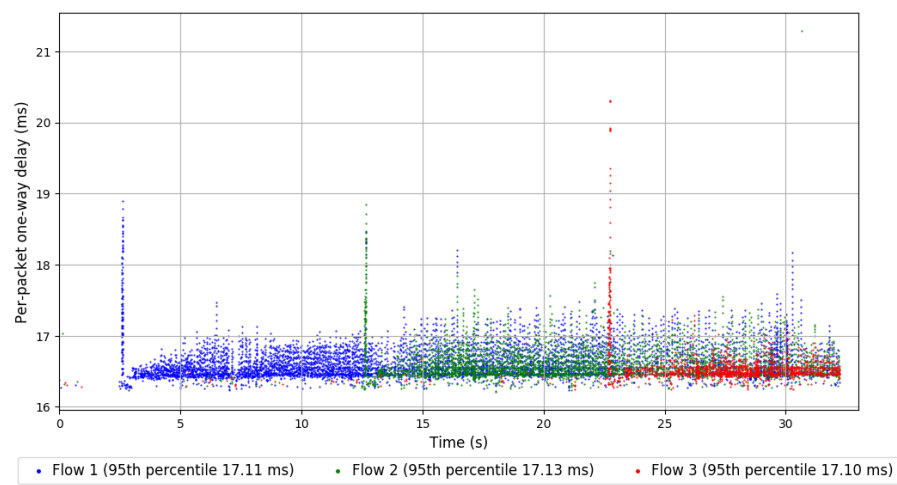
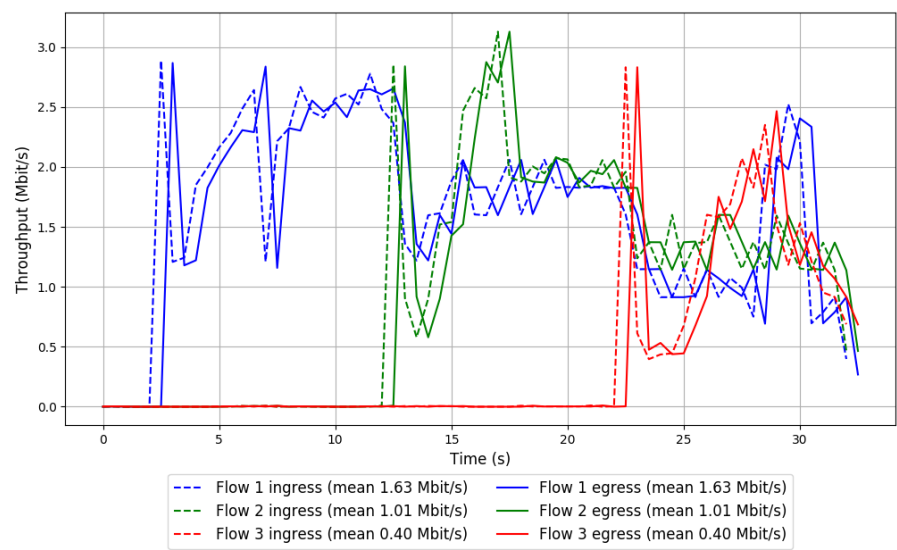


Run 3: Statistics of WebRTC media

Start at: 2018-08-10 02:04:31
End at: 2018-08-10 02:05:01
Local clock offset: -1.095 ms
Remote clock offset: -7.154 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.03 Mbit/s
95th percentile per-packet one-way delay: 17.116 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.63 Mbit/s
95th percentile per-packet one-way delay: 17.109 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 17.132 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 17.097 ms
Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link

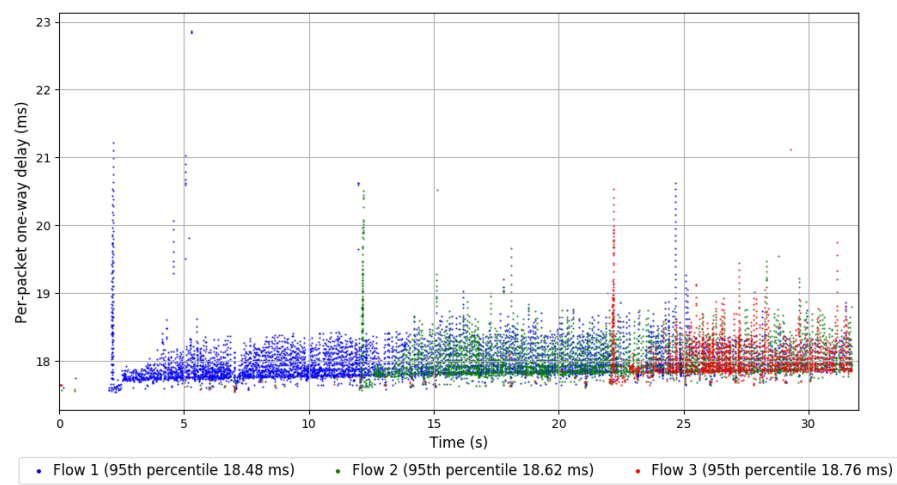
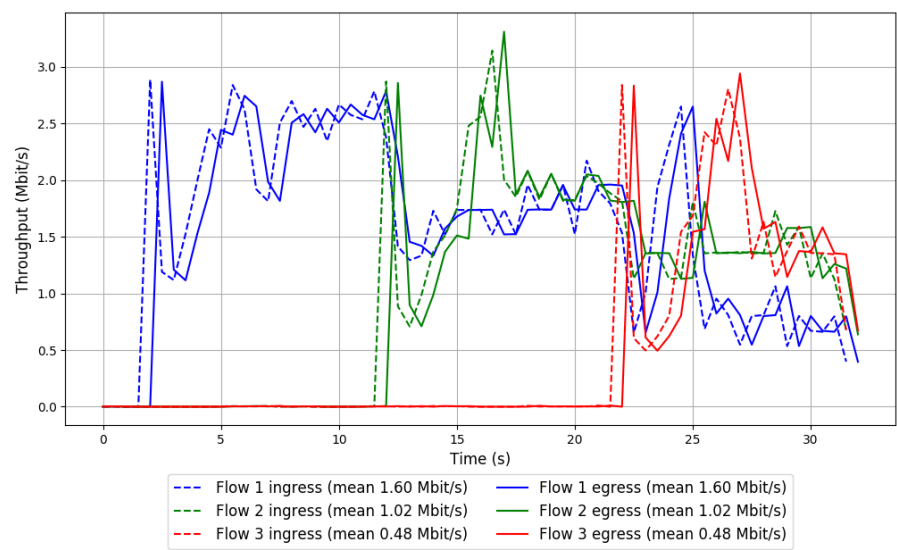


Run 4: Statistics of WebRTC media

Start at: 2018-08-10 02:24:43
End at: 2018-08-10 02:25:13
Local clock offset: 0.11 ms
Remote clock offset: -6.164 ms

```
# Below is generated by plot.py at 2018-08-10 05:09:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 18.582 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 18.481 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 18.616 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 18.761 ms
Loss rate: 0.01%
```


Run 4: Report of WebRTC media — Data Link

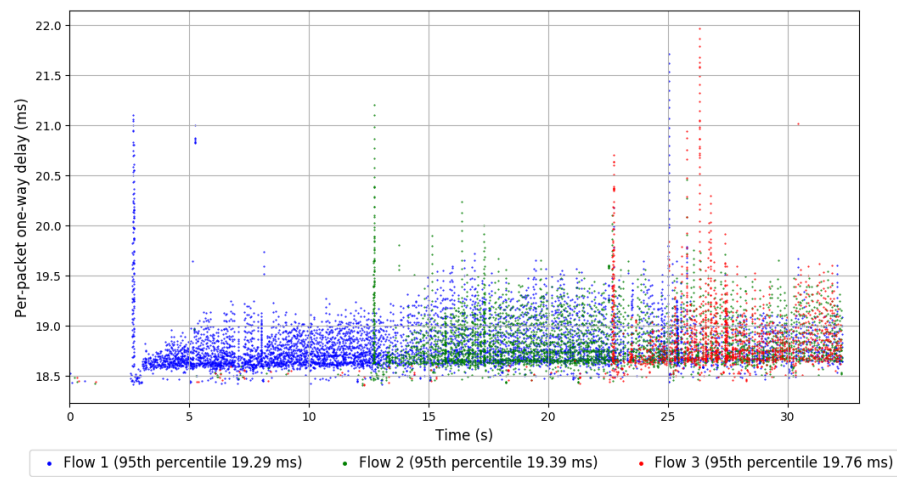
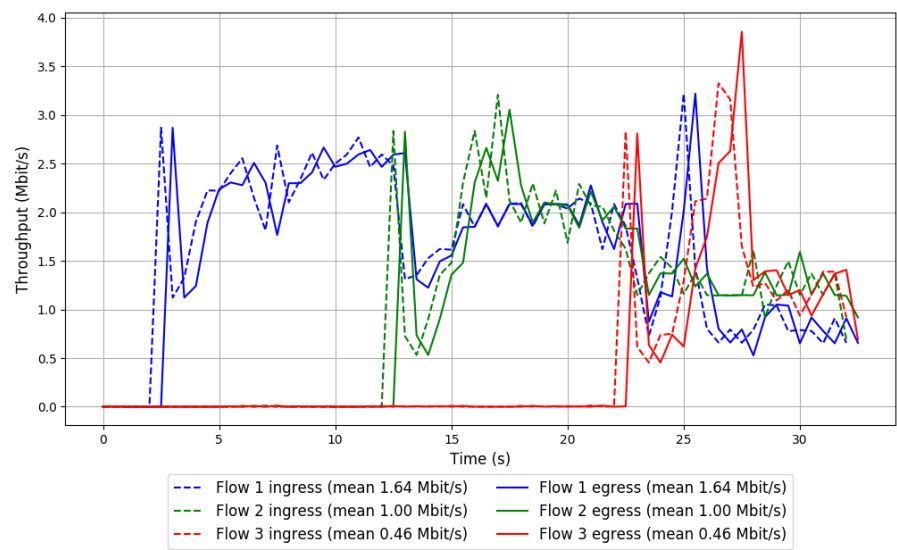


Run 5: Statistics of WebRTC media

Start at: 2018-08-10 02:45:07
End at: 2018-08-10 02:45:37
Local clock offset: 1.908 ms
Remote clock offset: -2.747 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 19.394 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 19.286 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 19.389 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 19.761 ms
Loss rate: 0.78%

Run 5: Report of WebRTC media — Data Link

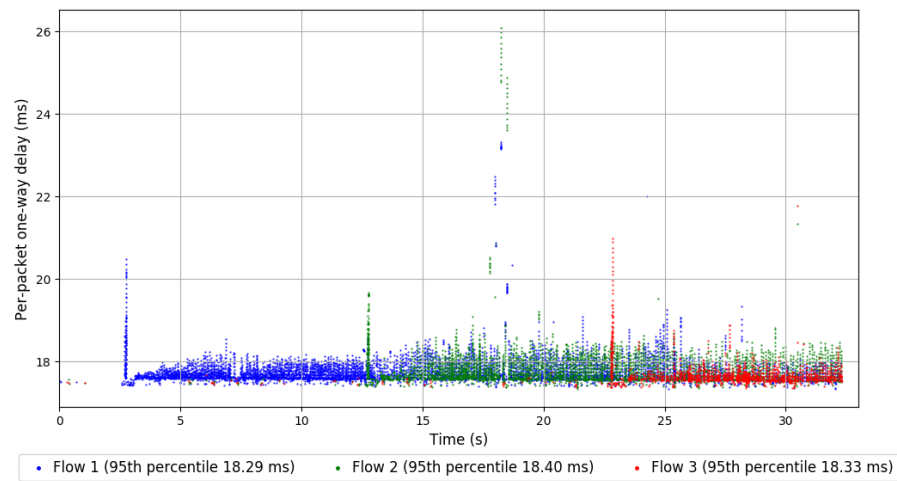
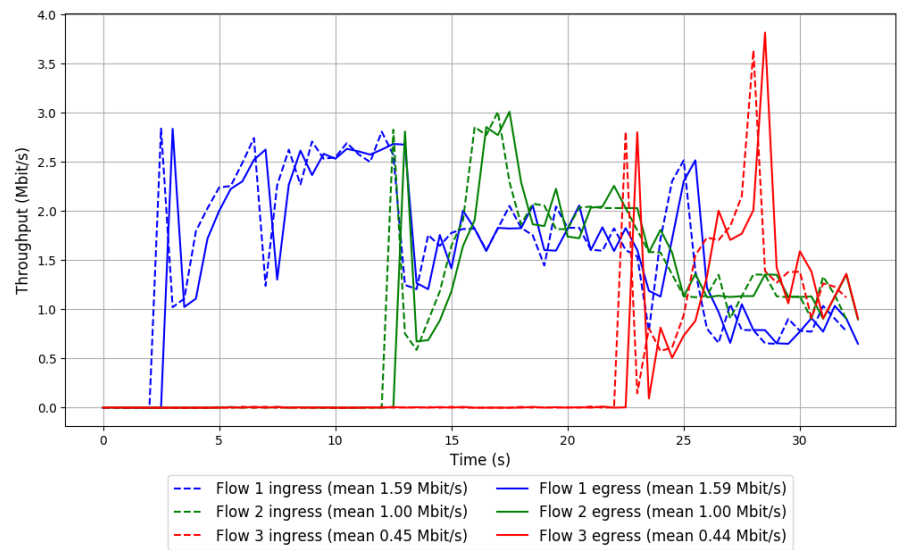


Run 6: Statistics of WebRTC media

Start at: 2018-08-10 03:05:27
End at: 2018-08-10 03:05:57
Local clock offset: -0.058 ms
Remote clock offset: -5.623 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 18.342 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 18.286 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 18.399 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 18.327 ms
Loss rate: 0.74%

Run 6: Report of WebRTC media — Data Link

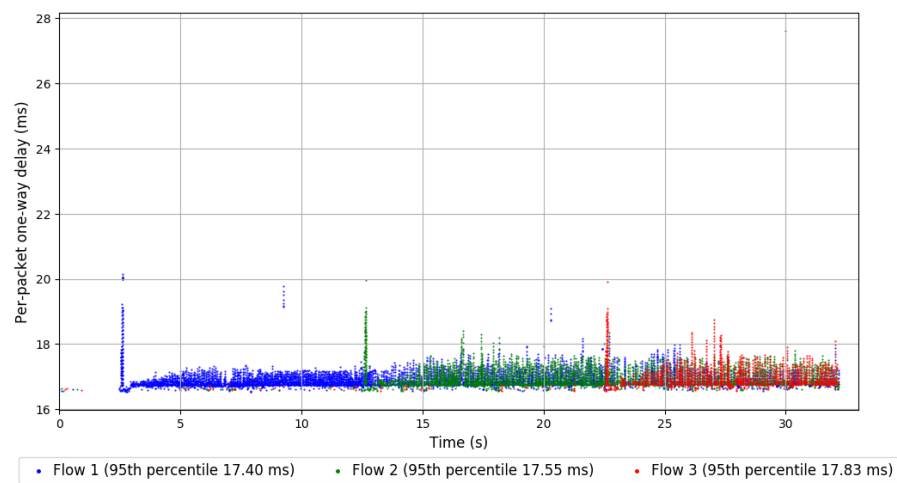
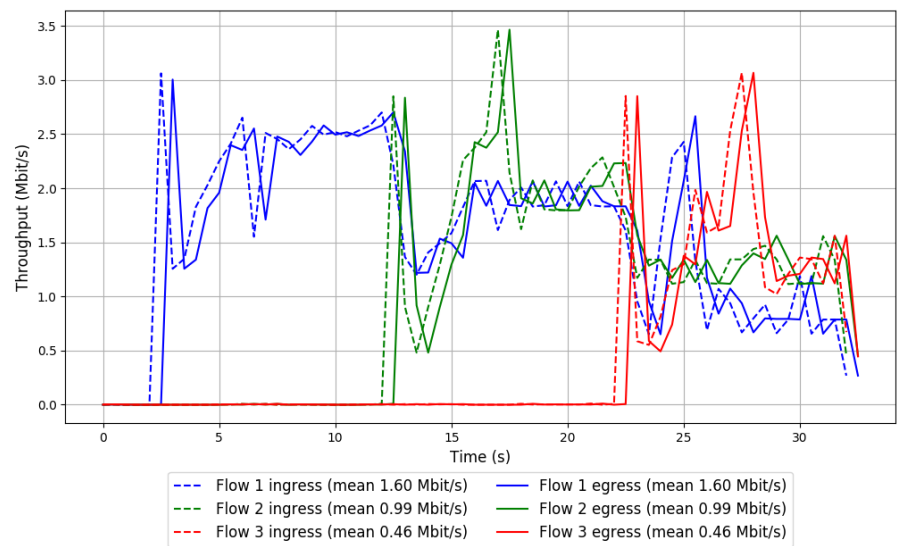


Run 7: Statistics of WebRTC media

Start at: 2018-08-10 03:25:44
End at: 2018-08-10 03:26:14
Local clock offset: 0.24 ms
Remote clock offset: -6.372 ms

```
# Below is generated by plot.py at 2018-08-10 05:09:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.04 Mbit/s
95th percentile per-packet one-way delay: 17.526 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 17.398 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 17.546 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 17.828 ms
Loss rate: 0.76%
```

Run 7: Report of WebRTC media — Data Link

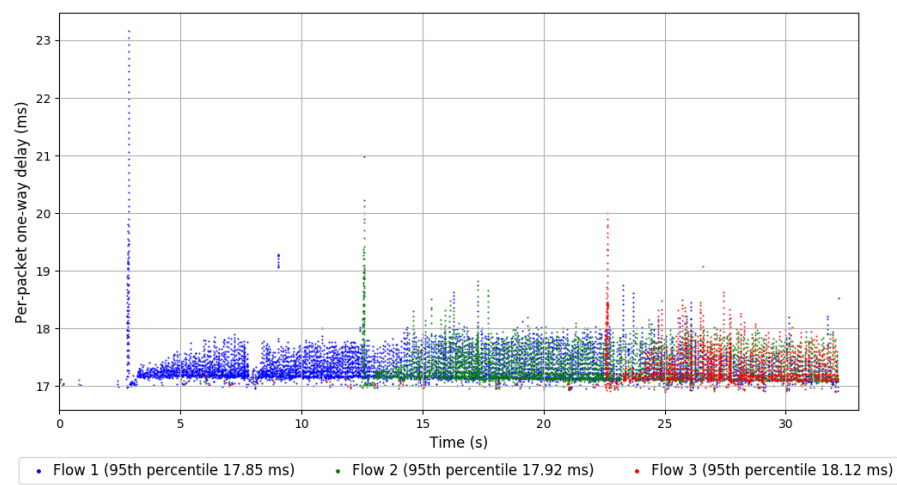
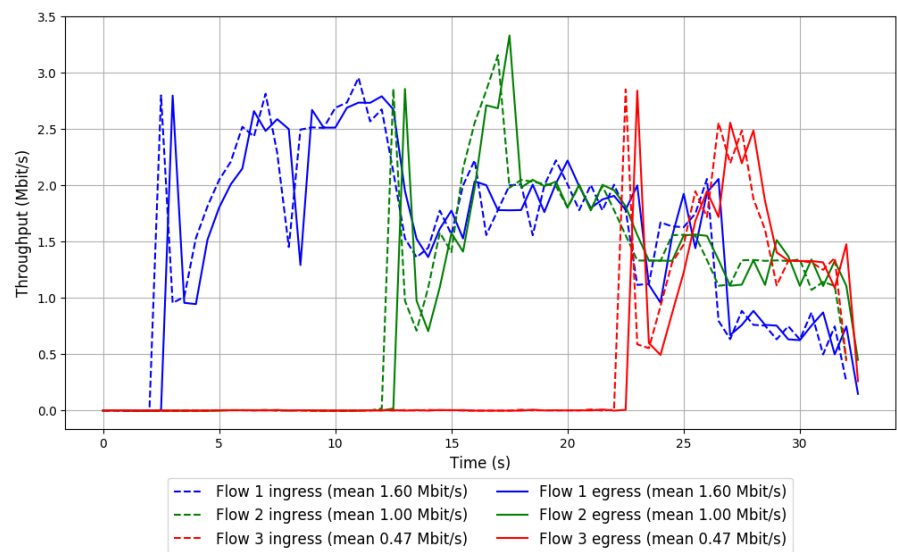


Run 8: Statistics of WebRTC media

Start at: 2018-08-10 03:45:47
End at: 2018-08-10 03:46:17
Local clock offset: -0.363 ms
Remote clock offset: -6.989 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 17.913 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 17.846 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 17.918 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 18.121 ms
Loss rate: 0.72%

Run 8: Report of WebRTC media — Data Link

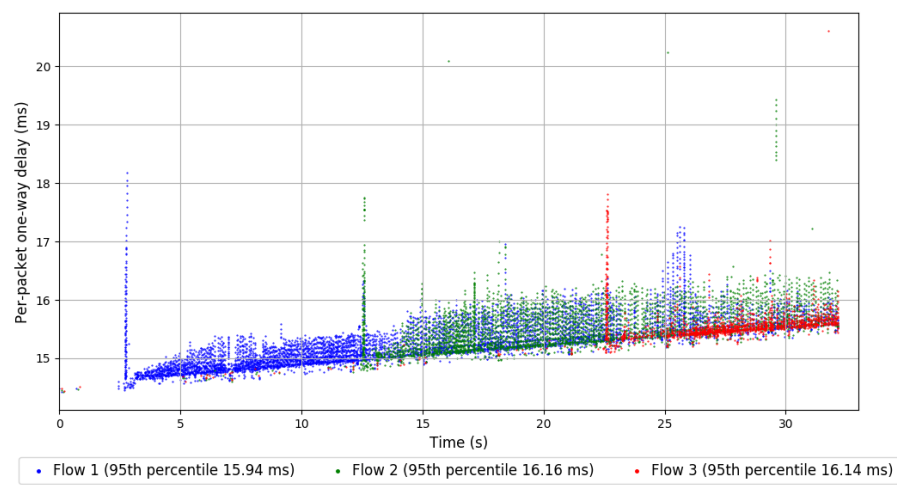
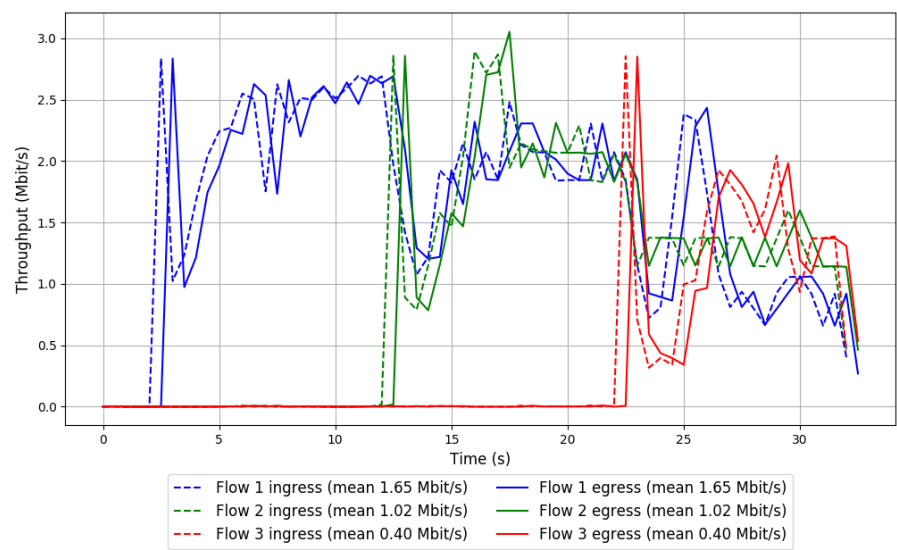


Run 9: Statistics of WebRTC media

Start at: 2018-08-10 04:05:51
End at: 2018-08-10 04:06:21
Local clock offset: -1.255 ms
Remote clock offset: -94.869 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 16.072 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 15.939 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 16.164 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 16.137 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-10 04:26:02
End at: 2018-08-10 04:26:32
Local clock offset: 1.786 ms
Remote clock offset: -97.508 ms

Below is generated by plot.py at 2018-08-10 05:09:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 17.505 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 17.516 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 17.779 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 17.264 ms
Loss rate: 0.39%

Run 10: Report of WebRTC media — Data Link

