

Pantheon Report

Generated at 2018-08-02 07:11:18 (UTC).

Data path: Stanford Ethernet (*remote*) → AWS California 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.

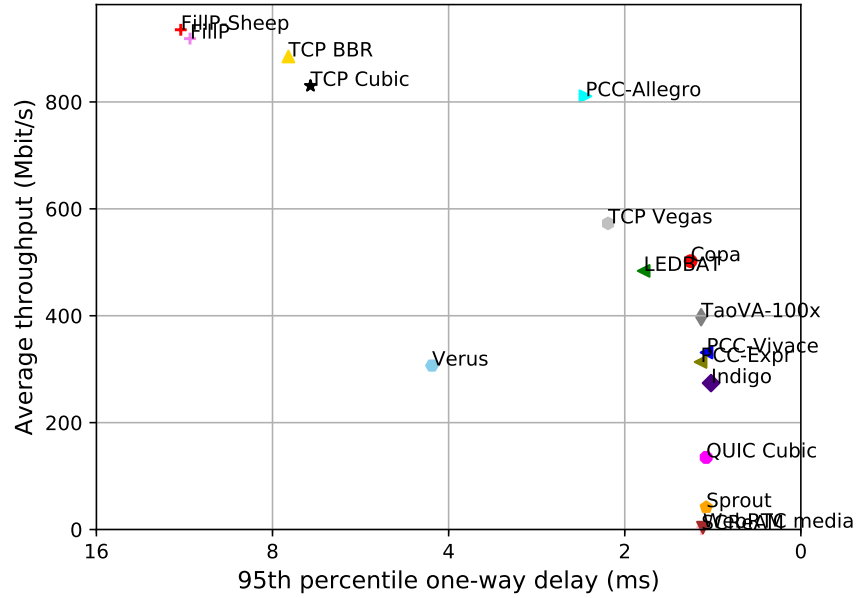
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

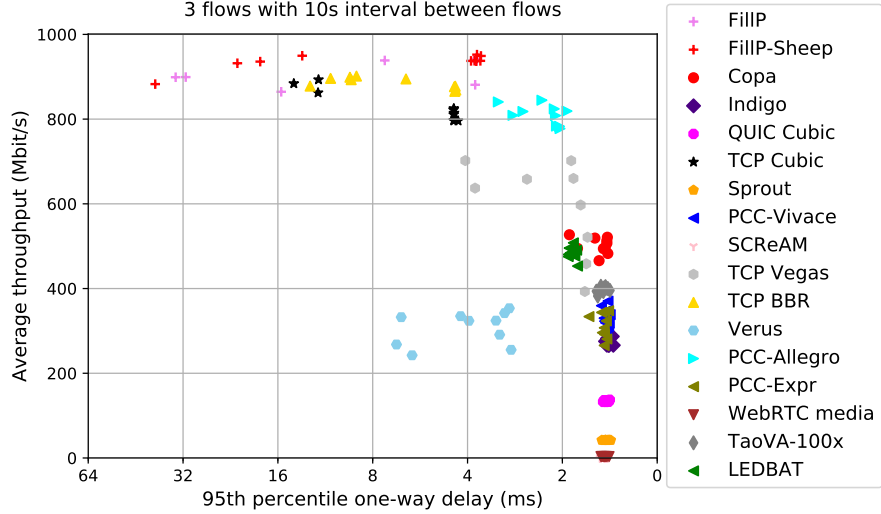
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ 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 Stanford to AWS California 1, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



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



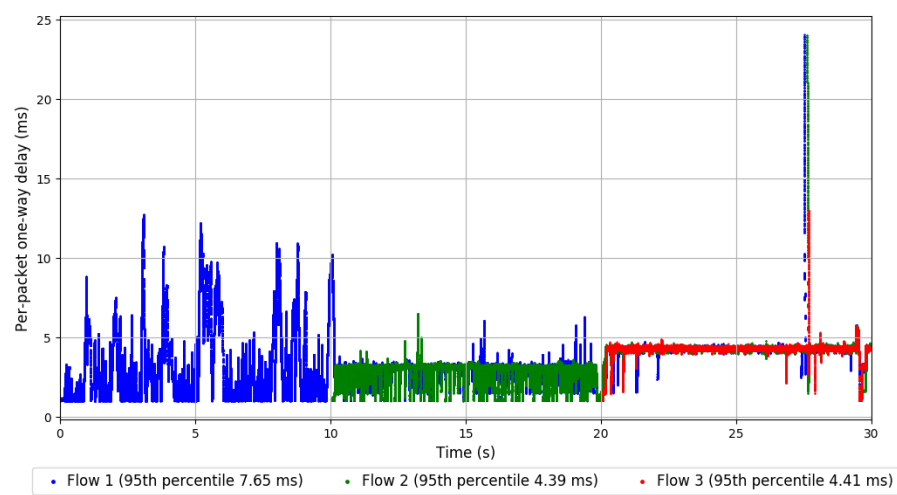
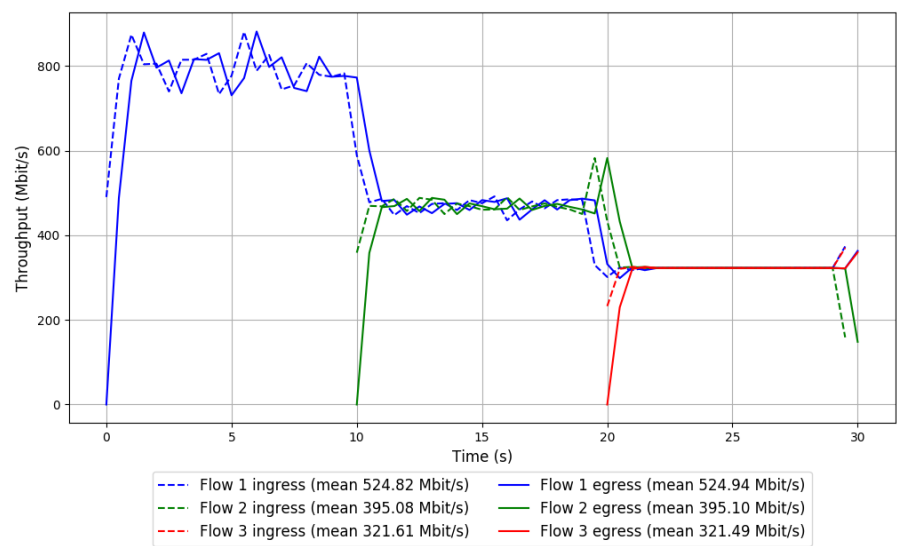
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	516.65	392.85	322.00	7.86	4.35	4.37	0.05	0.08	0.24
Copa	10	303.21	239.22	119.94	1.21	1.38	1.17	0.02	0.05	0.24
TCP Cubic	10	461.84	394.16	318.43	7.56	4.38	4.41	0.05	0.10	0.23
FillP	10	558.99	391.52	299.64	12.14	3.74	4.15	0.31	0.09	0.24
FillP-Sheep	10	565.42	398.77	315.72	12.87	3.75	4.55	0.37	0.09	0.22
Indigo	10	153.45	137.41	88.89	1.01	1.03	1.06	0.05	0.08	0.20
LEDBAT	10	291.39	214.25	150.51	1.69	1.96	1.74	0.03	0.09	0.27
PCC-Allegro	10	664.13	151.03	141.38	2.34	2.14	2.19	0.02	0.14	0.20
PCC-Expr	10	214.55	117.09	64.15	1.16	1.17	1.06	0.02	0.05	0.22
QUIC Cubic	10	73.93	64.87	54.00	1.07	1.08	1.08	0.05	0.09	0.21
SCReAM	10	0.22	0.22	0.22	1.13	1.12	1.13	0.07	0.17	0.25
Sprout	10	20.96	21.25	20.80	1.08	1.07	1.07	0.04	0.12	0.30
TaoVA-100x	10	226.27	197.78	118.64	1.06	1.15	1.48	0.03	0.06	0.24
TCP Vegas	10	260.82	320.20	297.42	2.05	2.20	1.85	0.05	0.08	0.22
Verus	10	191.16	125.75	97.49	4.95	2.54	2.25	0.04	0.08	0.14
PCC-Vivace	10	234.26	113.36	65.75	1.06	1.10	1.08	0.03	0.06	0.26
WebRTC media	10	1.72	1.21	0.54	1.11	1.12	1.11	0.00	0.09	0.20

Run 1: Statistics of TCP BBR

Start at: 2018-08-02 00:18:46
End at: 2018-08-02 00:19:16
Local clock offset: 3.946 ms
Remote clock offset: -2.407 ms

Below is generated by plot.py at 2018-08-02 05:12:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 894.84 Mbit/s
95th percentile per-packet one-way delay: 6.274 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 524.94 Mbit/s
95th percentile per-packet one-way delay: 7.654 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 395.10 Mbit/s
95th percentile per-packet one-way delay: 4.386 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 321.49 Mbit/s
95th percentile per-packet one-way delay: 4.409 ms
Loss rate: 0.22%

Run 1: Report of TCP BBR — Data Link

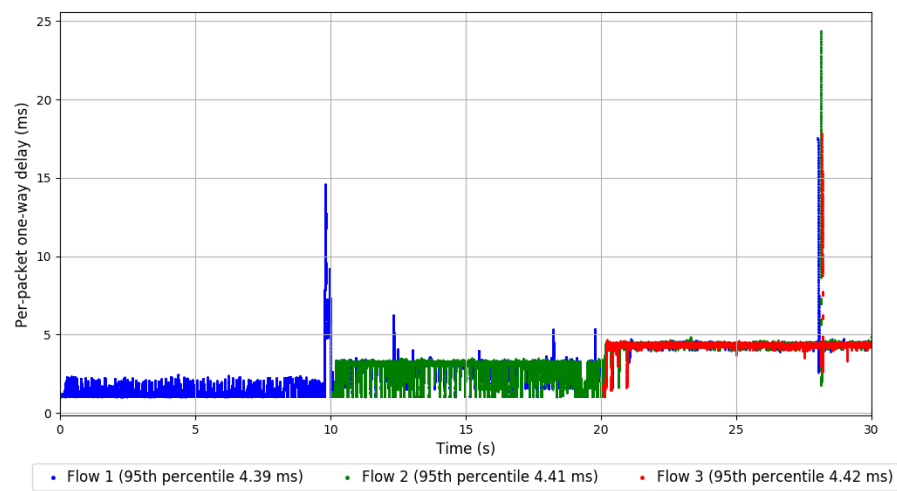
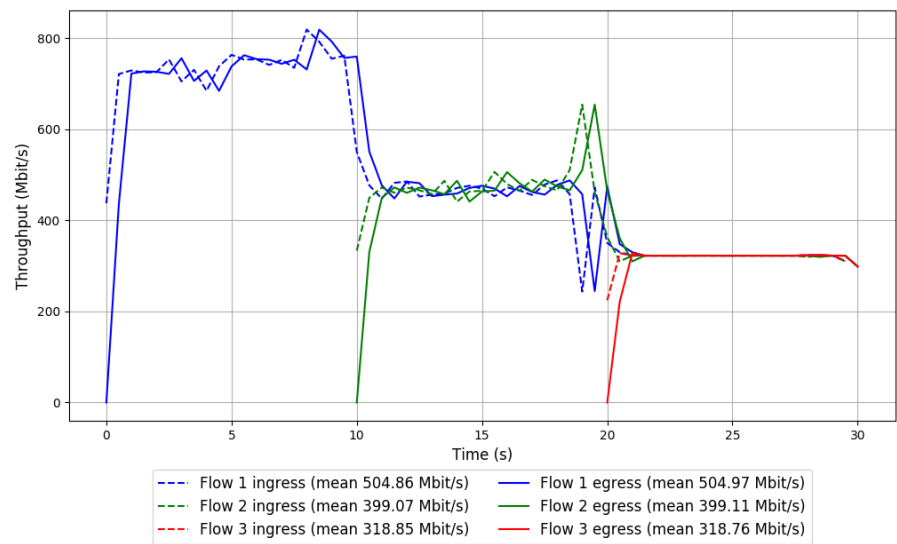


Run 2: Statistics of TCP BBR

Start at: 2018-08-02 00:45:39
End at: 2018-08-02 00:46:09
Local clock offset: 3.83 ms
Remote clock offset: -2.412 ms

Below is generated by plot.py at 2018-08-02 05:12:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 876.50 Mbit/s
95th percentile per-packet one-way delay: 4.403 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 504.97 Mbit/s
95th percentile per-packet one-way delay: 4.391 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 399.11 Mbit/s
95th percentile per-packet one-way delay: 4.405 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.76 Mbit/s
95th percentile per-packet one-way delay: 4.419 ms
Loss rate: 0.23%

Run 2: Report of TCP BBR — Data Link

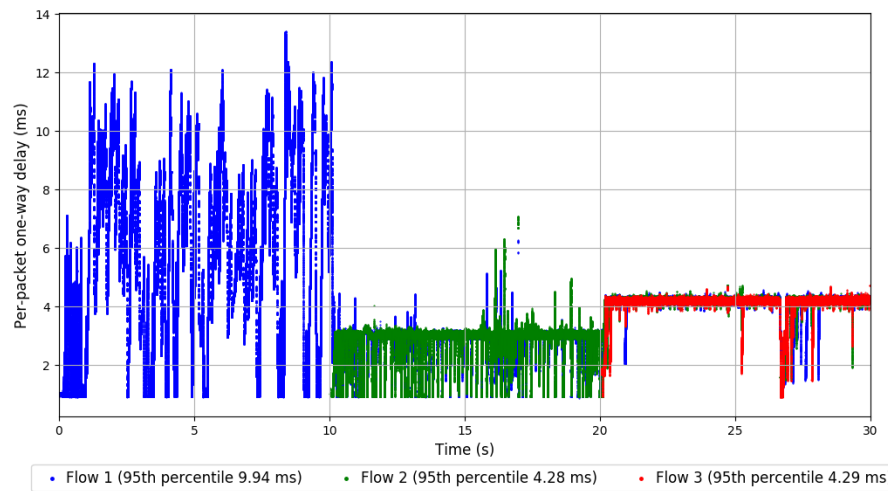
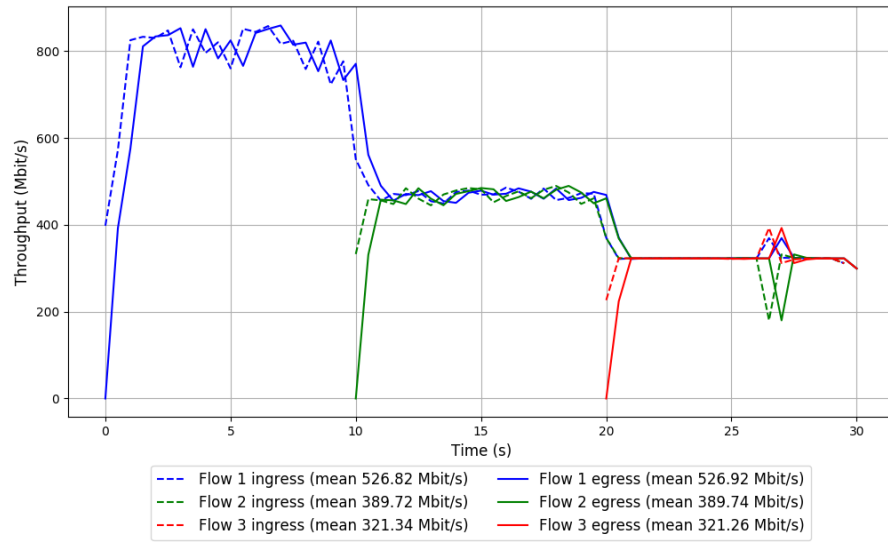


Run 3: Statistics of TCP BBR

Start at: 2018-08-02 01:12:42
End at: 2018-08-02 01:13:12
Local clock offset: 3.408 ms
Remote clock offset: -2.536 ms

Below is generated by plot.py at 2018-08-02 05:12:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 893.06 Mbit/s
95th percentile per-packet one-way delay: 9.362 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 526.92 Mbit/s
95th percentile per-packet one-way delay: 9.941 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 389.74 Mbit/s
95th percentile per-packet one-way delay: 4.276 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 321.26 Mbit/s
95th percentile per-packet one-way delay: 4.292 ms
Loss rate: 0.23%

Run 3: Report of TCP BBR — Data Link

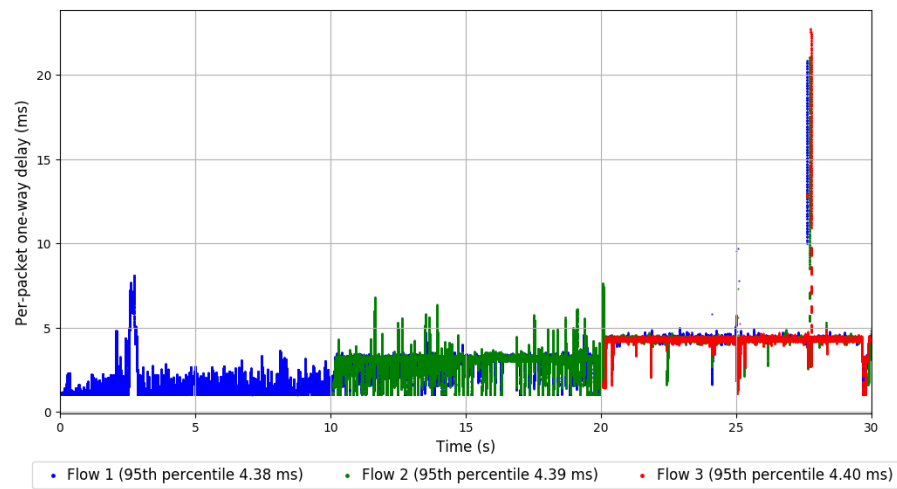
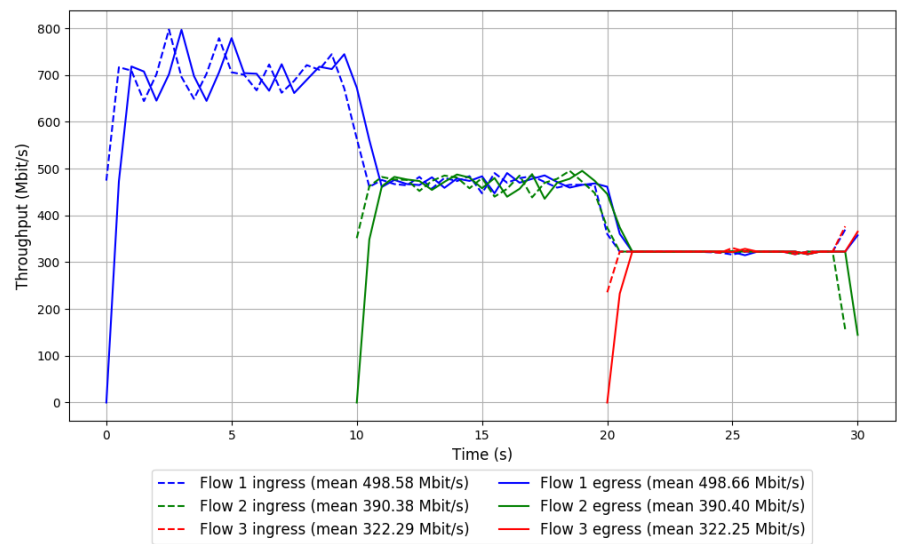


Run 4: Statistics of TCP BBR

Start at: 2018-08-02 01:39:46
End at: 2018-08-02 01:40:16
Local clock offset: 3.473 ms
Remote clock offset: -2.475 ms

Below is generated by plot.py at 2018-08-02 05:12:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 865.57 Mbit/s
95th percentile per-packet one-way delay: 4.390 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 498.66 Mbit/s
95th percentile per-packet one-way delay: 4.377 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 390.40 Mbit/s
95th percentile per-packet one-way delay: 4.395 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 322.25 Mbit/s
95th percentile per-packet one-way delay: 4.404 ms
Loss rate: 0.22%

Run 4: Report of TCP BBR — Data Link

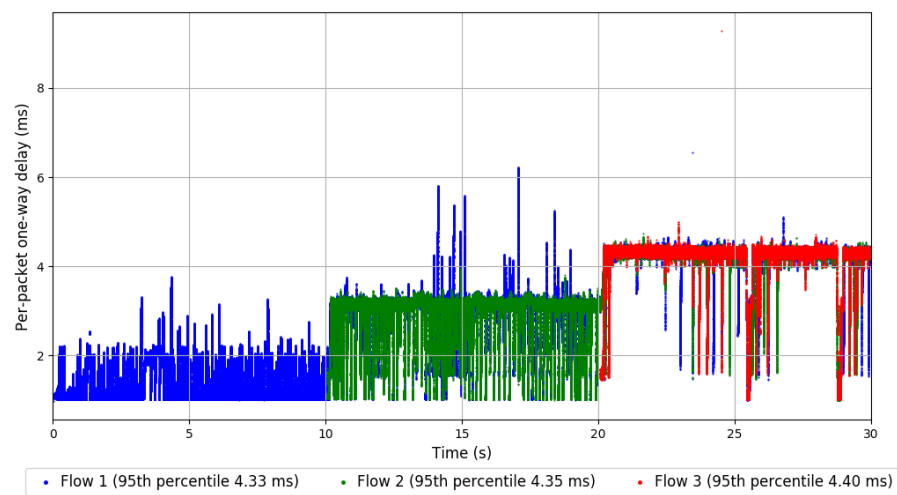
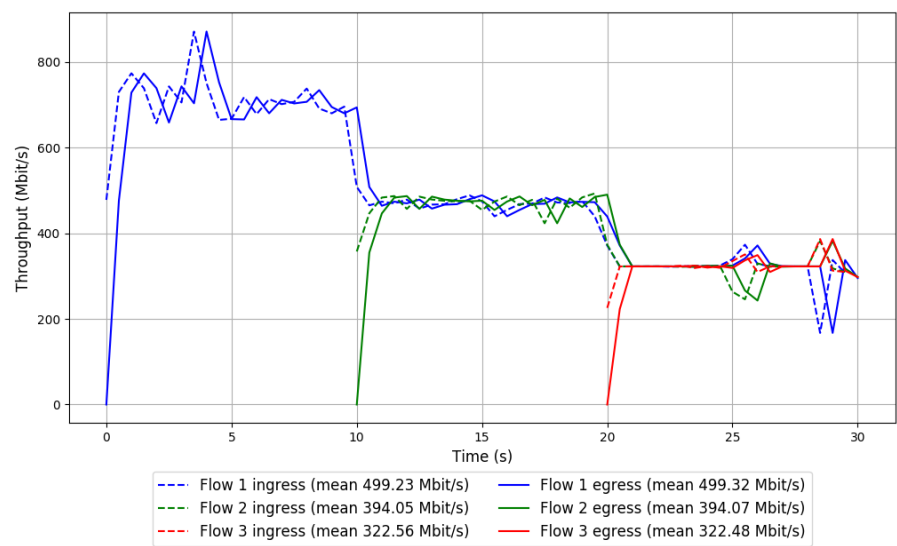


Run 5: Statistics of TCP BBR

Start at: 2018-08-02 02:06:35
End at: 2018-08-02 02:07:05
Local clock offset: 3.042 ms
Remote clock offset: -2.315 ms

Below is generated by plot.py at 2018-08-02 05:12:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 868.68 Mbit/s
95th percentile per-packet one-way delay: 4.357 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 499.32 Mbit/s
95th percentile per-packet one-way delay: 4.329 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 394.07 Mbit/s
95th percentile per-packet one-way delay: 4.354 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 322.48 Mbit/s
95th percentile per-packet one-way delay: 4.397 ms
Loss rate: 0.23%

Run 5: Report of TCP BBR — Data Link

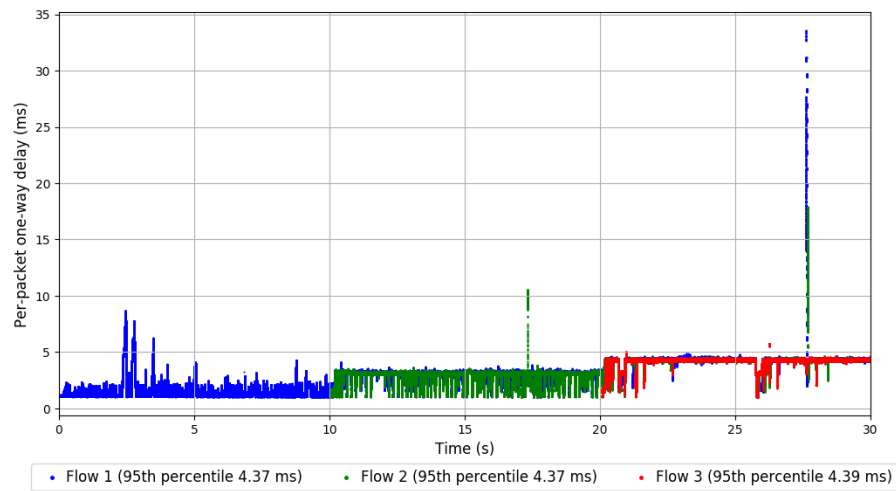
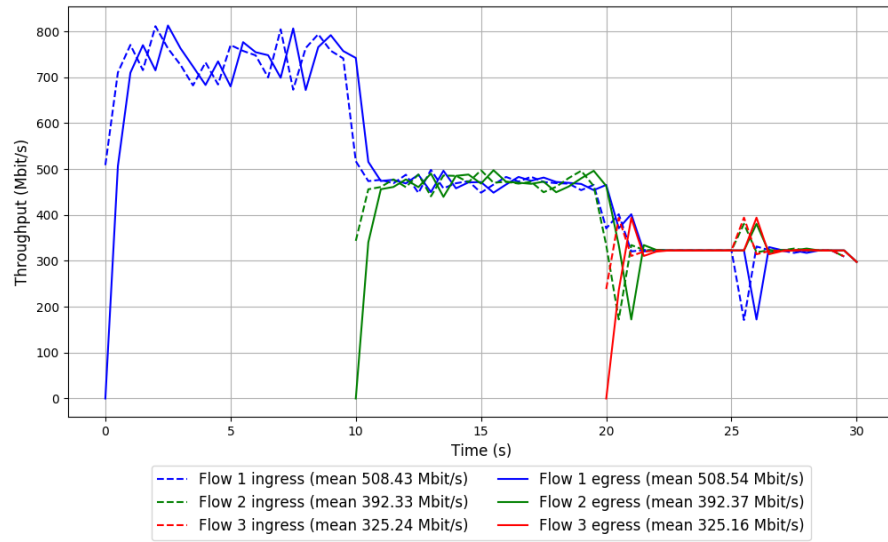


Run 6: Statistics of TCP BBR

Start at: 2018-08-02 02:33:42
End at: 2018-08-02 02:34:12
Local clock offset: 2.899 ms
Remote clock offset: -3.456 ms

Below is generated by plot.py at 2018-08-02 05:12:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 877.69 Mbit/s
95th percentile per-packet one-way delay: 4.376 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 508.54 Mbit/s
95th percentile per-packet one-way delay: 4.369 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 392.37 Mbit/s
95th percentile per-packet one-way delay: 4.374 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 325.16 Mbit/s
95th percentile per-packet one-way delay: 4.391 ms
Loss rate: 0.23%

Run 6: Report of TCP BBR — Data Link

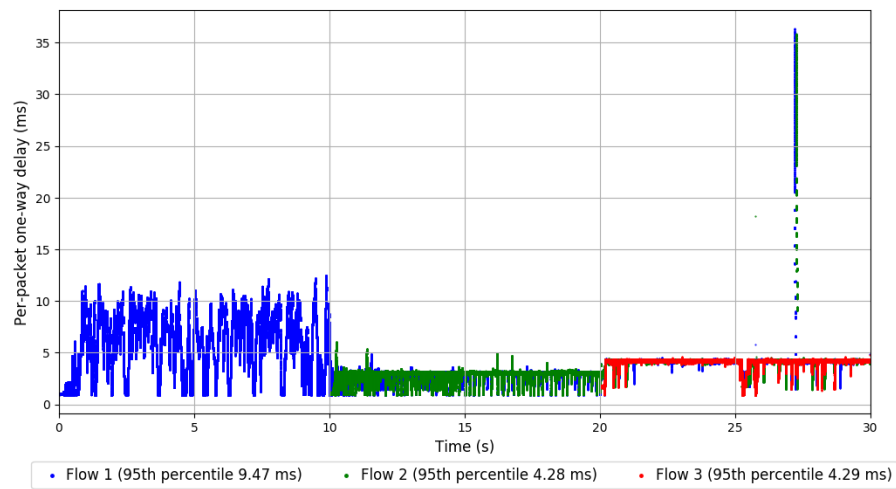
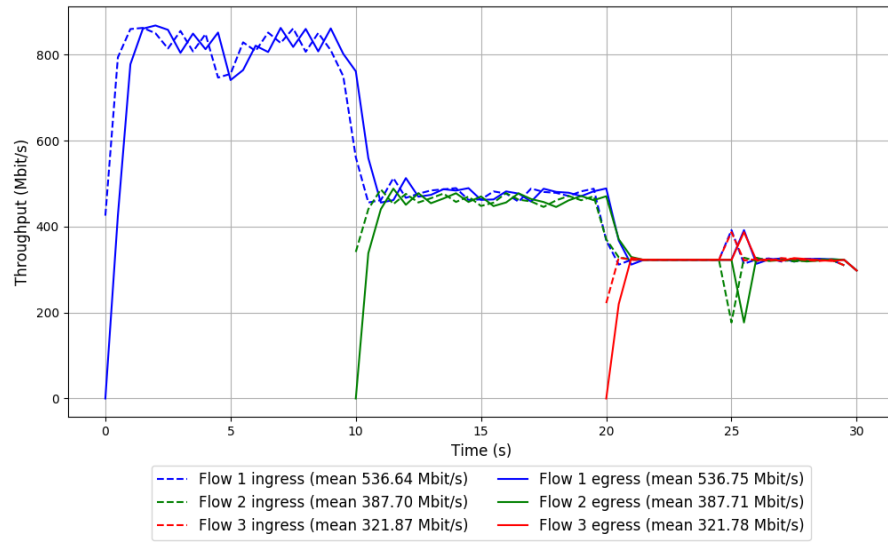


Run 7: Statistics of TCP BBR

Start at: 2018-08-02 03:00:36
End at: 2018-08-02 03:01:06
Local clock offset: 3.072 ms
Remote clock offset: -2.961 ms

Below is generated by plot.py at 2018-08-02 05:12:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 901.58 Mbit/s
95th percentile per-packet one-way delay: 9.009 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 536.75 Mbit/s
95th percentile per-packet one-way delay: 9.475 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 387.71 Mbit/s
95th percentile per-packet one-way delay: 4.279 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 321.78 Mbit/s
95th percentile per-packet one-way delay: 4.292 ms
Loss rate: 0.23%

Run 7: Report of TCP BBR — Data Link

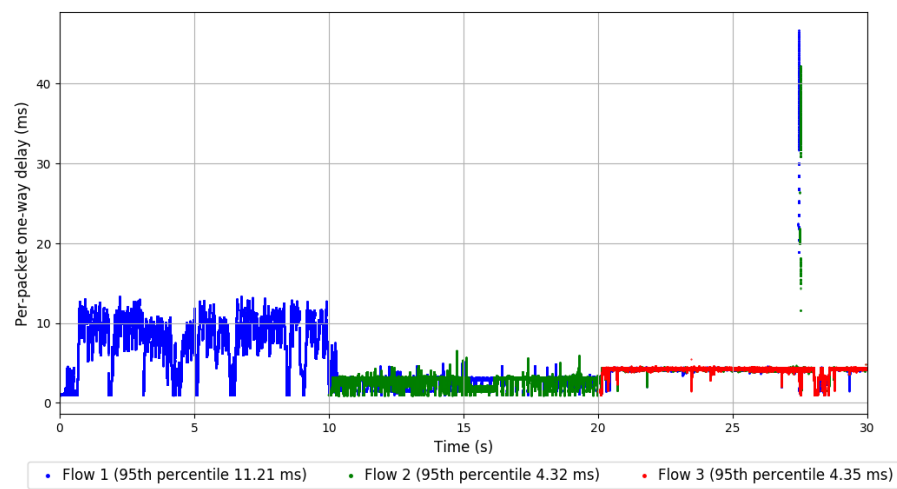
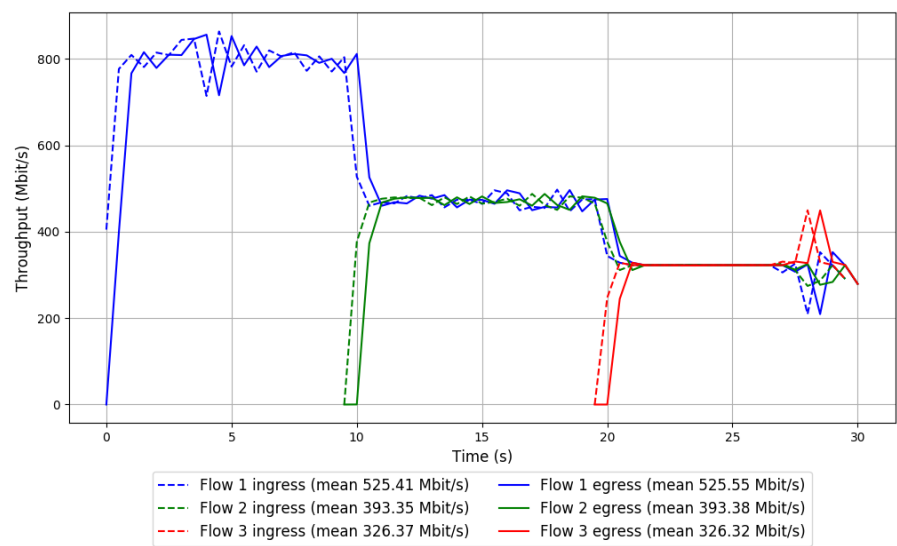


Run 8: Statistics of TCP BBR

Start at: 2018-08-02 03:27:41
End at: 2018-08-02 03:28:11
Local clock offset: 3.085 ms
Remote clock offset: -2.876 ms

Below is generated by plot.py at 2018-08-02 05:12:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 896.12 Mbit/s
95th percentile per-packet one-way delay: 10.885 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 525.55 Mbit/s
95th percentile per-packet one-way delay: 11.208 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 393.38 Mbit/s
95th percentile per-packet one-way delay: 4.315 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 326.32 Mbit/s
95th percentile per-packet one-way delay: 4.350 ms
Loss rate: 0.22%

Run 8: Report of TCP BBR — Data Link

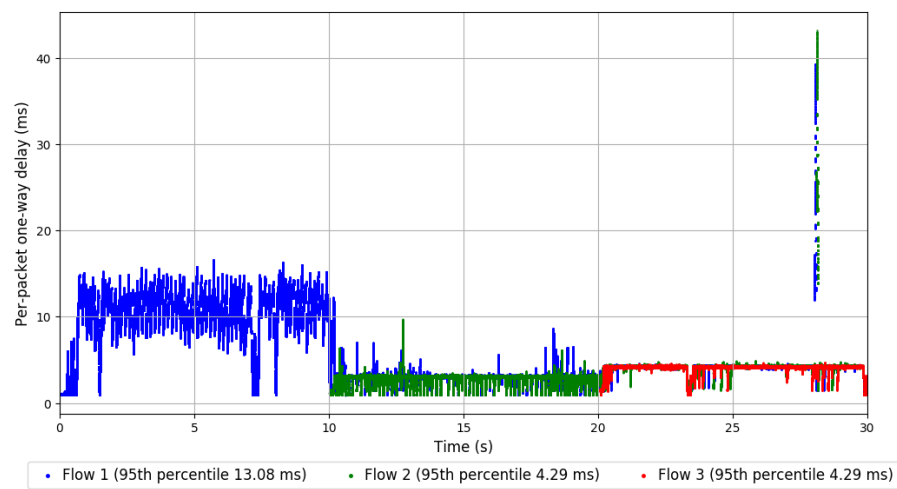
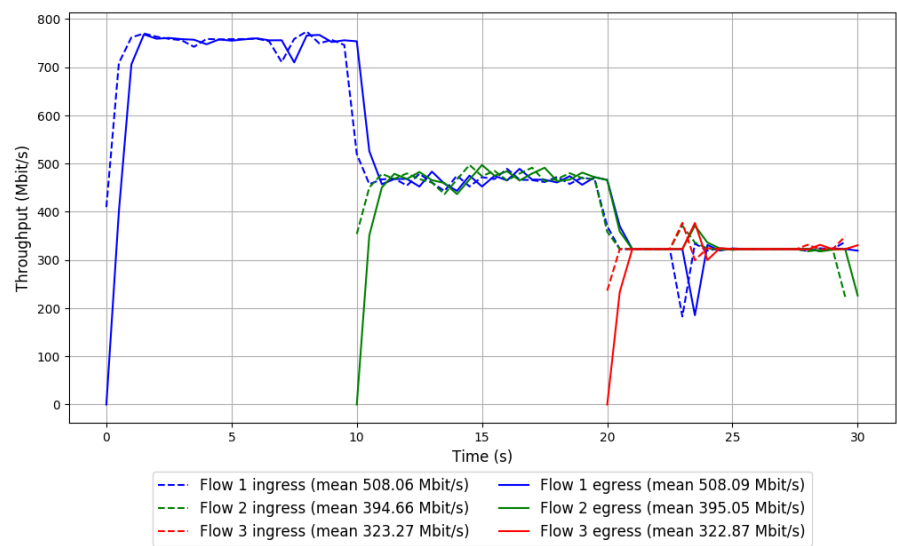


Run 9: Statistics of TCP BBR

Start at: 2018-08-02 03:54:44
End at: 2018-08-02 03:55:14
Local clock offset: 3.071 ms
Remote clock offset: -2.877 ms

Below is generated by plot.py at 2018-08-02 05:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 877.96 Mbit/s
95th percentile per-packet one-way delay: 12.642 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 508.09 Mbit/s
95th percentile per-packet one-way delay: 13.082 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 395.05 Mbit/s
95th percentile per-packet one-way delay: 4.290 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 322.87 Mbit/s
95th percentile per-packet one-way delay: 4.293 ms
Loss rate: 0.33%

Run 9: Report of TCP BBR — Data Link

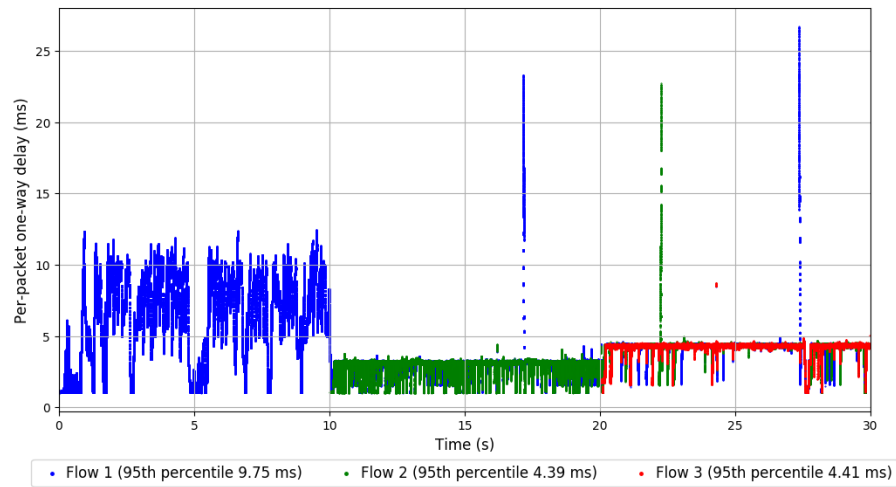
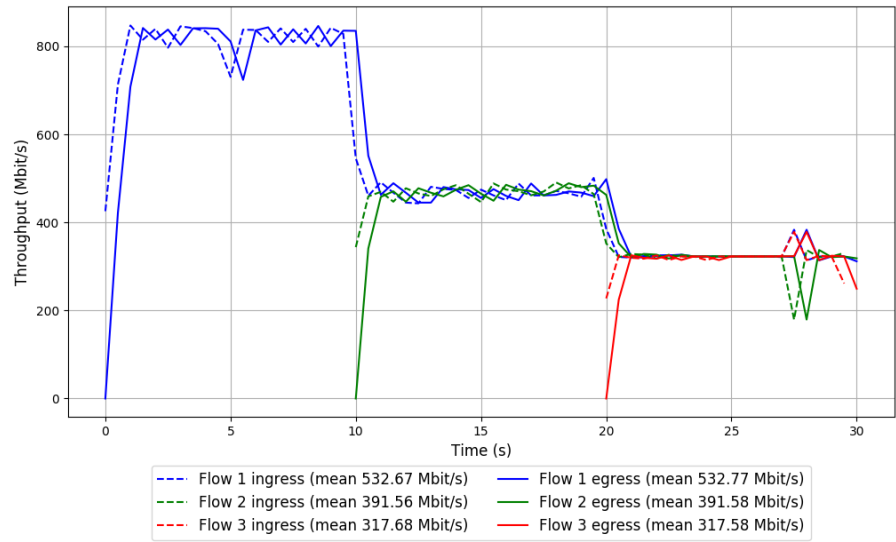


Run 10: Statistics of TCP BBR

Start at: 2018-08-02 04:21:37
End at: 2018-08-02 04:22:07
Local clock offset: 3.464 ms
Remote clock offset: -2.853 ms

Below is generated by plot.py at 2018-08-02 05:21:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 898.92 Mbit/s
95th percentile per-packet one-way delay: 9.452 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 532.77 Mbit/s
95th percentile per-packet one-way delay: 9.749 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 391.58 Mbit/s
95th percentile per-packet one-way delay: 4.386 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 317.58 Mbit/s
95th percentile per-packet one-way delay: 4.412 ms
Loss rate: 0.23%

Run 10: Report of TCP BBR — Data Link

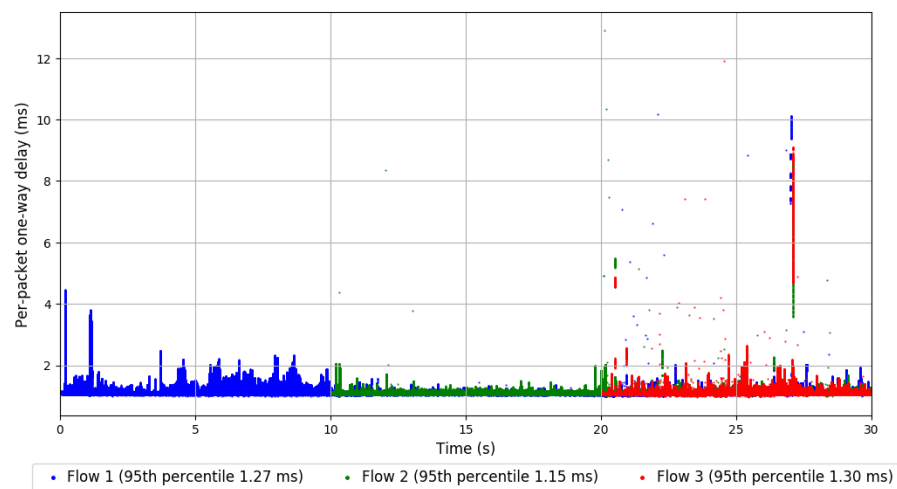
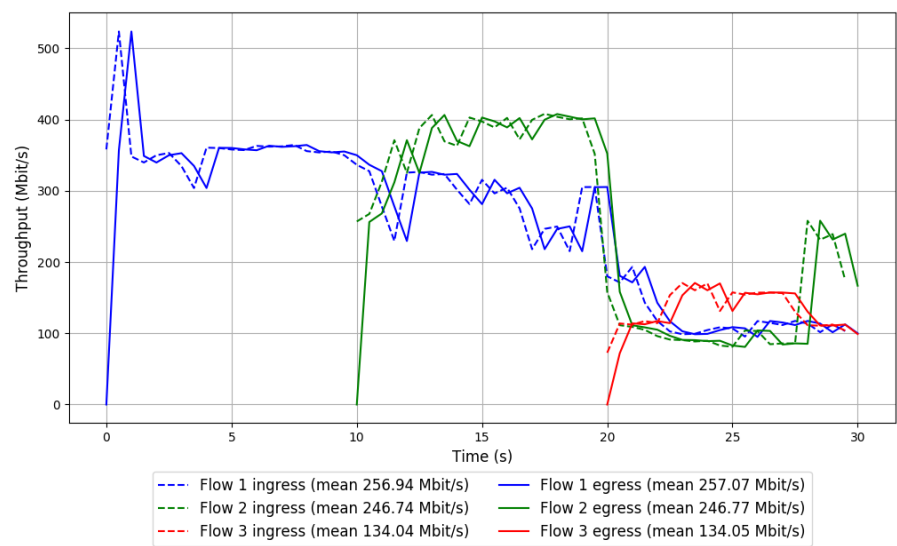


Run 1: Statistics of Copa

Start at: 2018-08-02 00:37:40
End at: 2018-08-02 00:38:10
Local clock offset: 3.828 ms
Remote clock offset: -2.518 ms

Below is generated by plot.py at 2018-08-02 05:21:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 465.83 Mbit/s
95th percentile per-packet one-way delay: 1.226 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 257.07 Mbit/s
95th percentile per-packet one-way delay: 1.274 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 246.77 Mbit/s
95th percentile per-packet one-way delay: 1.149 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 134.05 Mbit/s
95th percentile per-packet one-way delay: 1.298 ms
Loss rate: 0.20%

Run 1: Report of Copa — Data Link

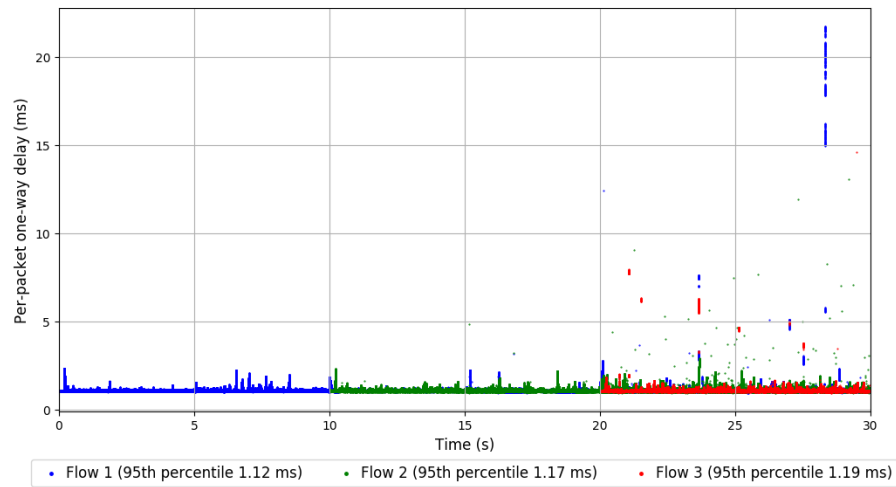
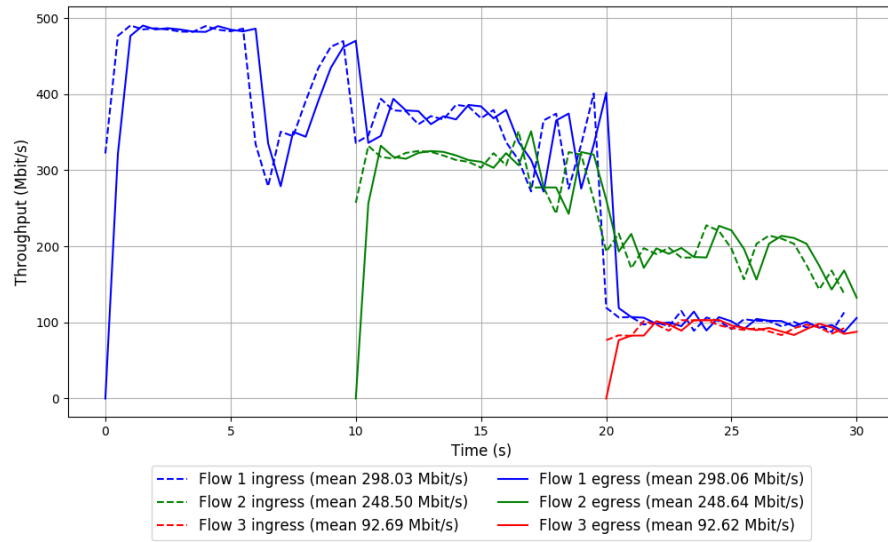


Run 2: Statistics of Copa

Start at: 2018-08-02 01:04:32
End at: 2018-08-02 01:05:03
Local clock offset: 3.615 ms
Remote clock offset: -2.443 ms

Below is generated by plot.py at 2018-08-02 05:21:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 494.24 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 298.06 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 248.64 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 92.62 Mbit/s
95th percentile per-packet one-way delay: 1.190 ms
Loss rate: 0.26%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-08-02 01:31:39

End at: 2018-08-02 01:32:09

Local clock offset: 3.409 ms

Remote clock offset: -2.46 ms

Below is generated by plot.py at 2018-08-02 05:22:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 512.79 Mbit/s

95th percentile per-packet one-way delay: 1.063 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 300.43 Mbit/s

95th percentile per-packet one-way delay: 1.062 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 261.66 Mbit/s

95th percentile per-packet one-way delay: 1.033 ms

Loss rate: 0.05%

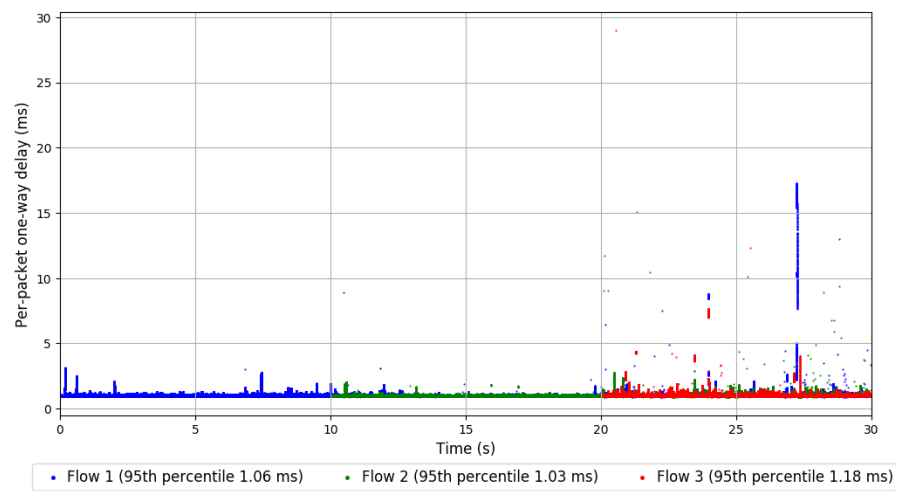
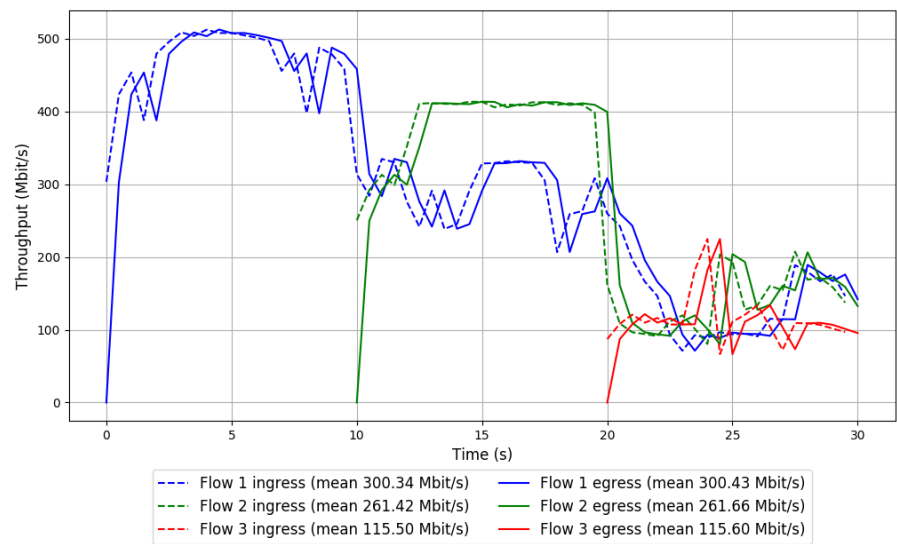
-- Flow 3:

Average throughput: 115.60 Mbit/s

95th percentile per-packet one-way delay: 1.183 ms

Loss rate: 0.08%

Run 3: Report of Copa — Data Link

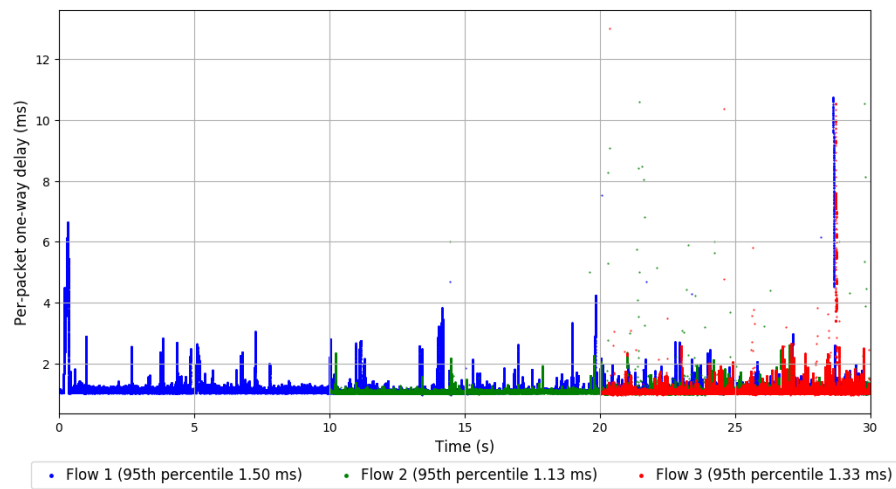
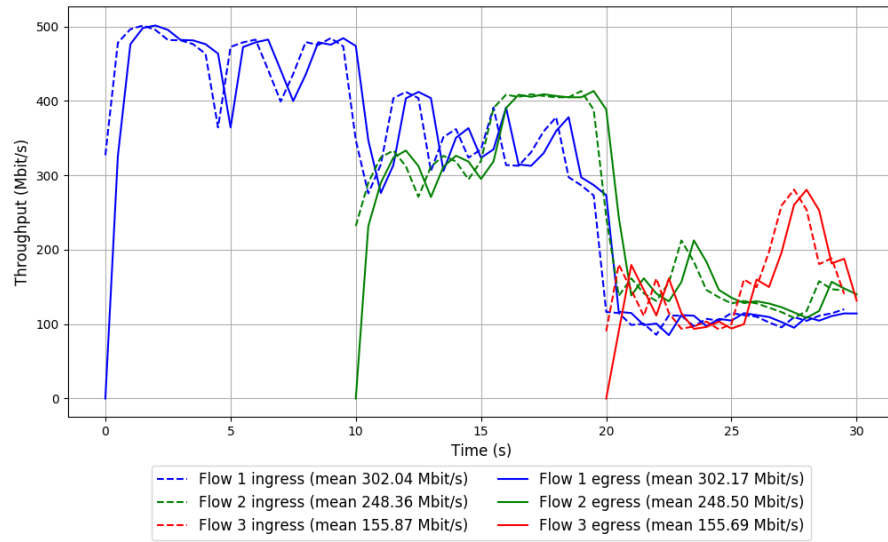


Run 4: Statistics of Copa

Start at: 2018-08-02 01:58:33
End at: 2018-08-02 01:59:03
Local clock offset: 3.196 ms
Remote clock offset: -2.373 ms

Below is generated by plot.py at 2018-08-02 05:22:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 519.14 Mbit/s
95th percentile per-packet one-way delay: 1.314 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 302.17 Mbit/s
95th percentile per-packet one-way delay: 1.502 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 248.50 Mbit/s
95th percentile per-packet one-way delay: 1.128 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 155.69 Mbit/s
95th percentile per-packet one-way delay: 1.332 ms
Loss rate: 0.31%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-08-02 02:25:29

End at: 2018-08-02 02:25:59

Local clock offset: 2.716 ms

Remote clock offset: -3.29 ms

Below is generated by plot.py at 2018-08-02 05:22:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 496.71 Mbit/s

95th percentile per-packet one-way delay: 1.096 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 302.56 Mbit/s

95th percentile per-packet one-way delay: 1.015 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 235.92 Mbit/s

95th percentile per-packet one-way delay: 1.541 ms

Loss rate: 0.05%

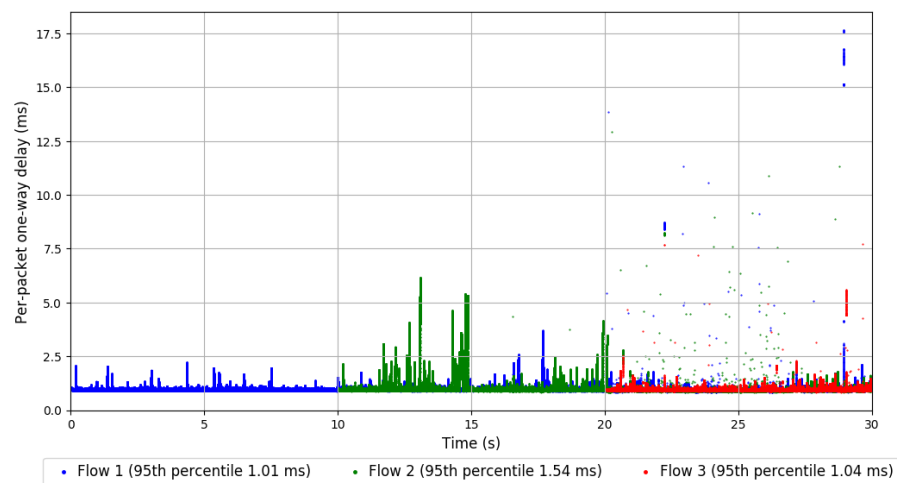
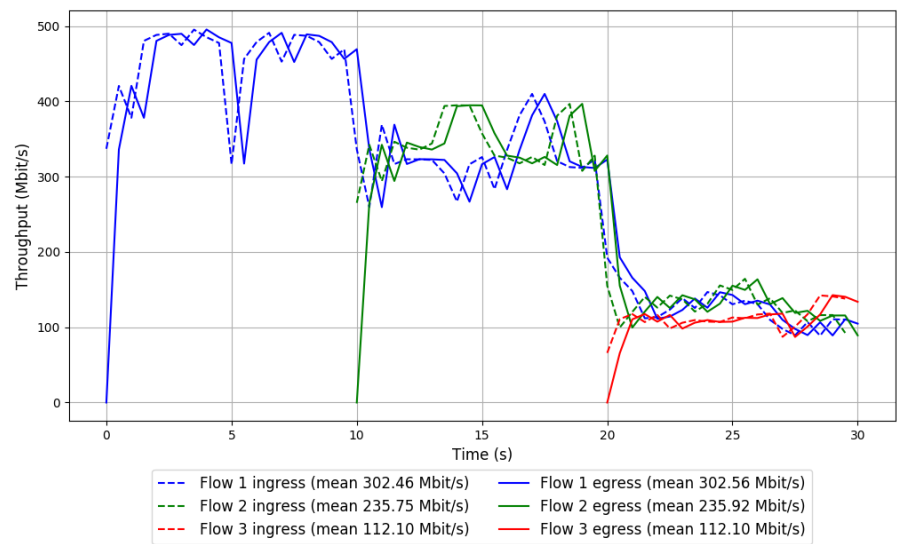
-- Flow 3:

Average throughput: 112.10 Mbit/s

95th percentile per-packet one-way delay: 1.044 ms

Loss rate: 0.21%

Run 5: Report of Copa — Data Link

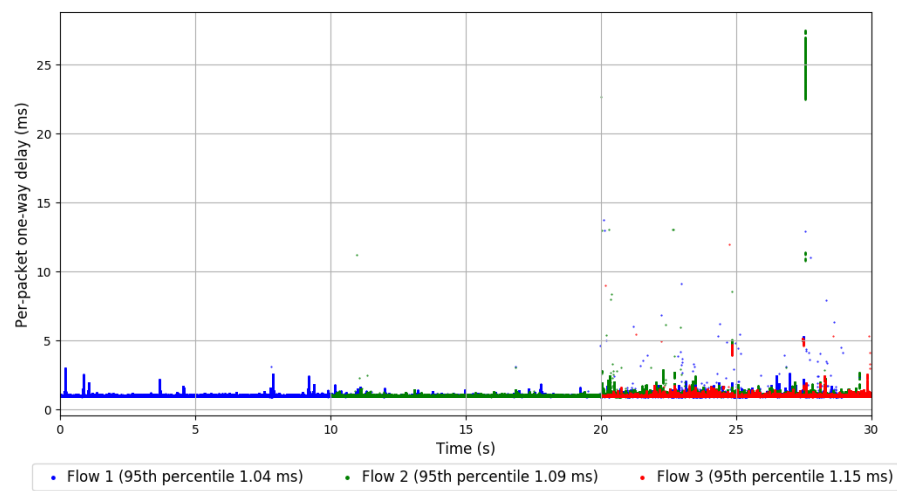
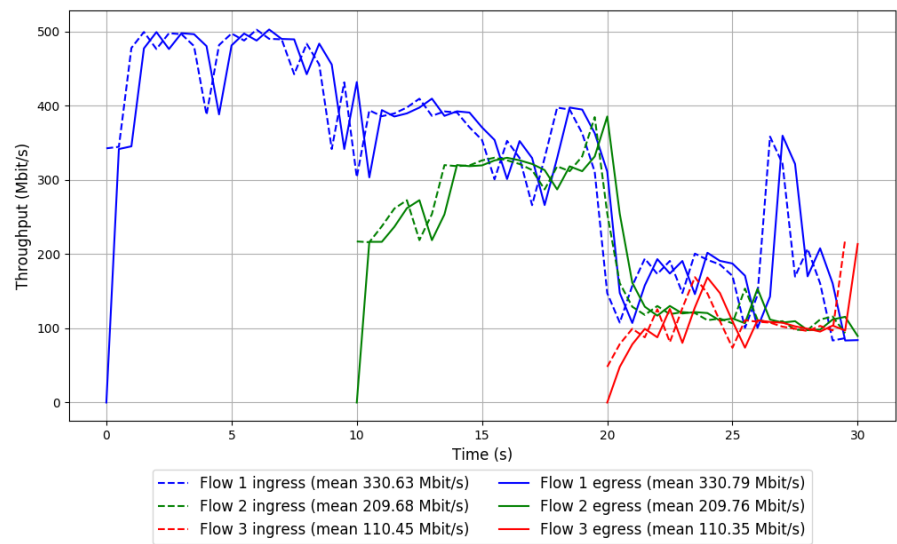


Run 6: Statistics of Copa

Start at: 2018-08-02 02:52:31
End at: 2018-08-02 02:53:01
Local clock offset: 3.174 ms
Remote clock offset: -3.079 ms

Below is generated by plot.py at 2018-08-02 05:22:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 506.91 Mbit/s
95th percentile per-packet one-way delay: 1.061 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 330.79 Mbit/s
95th percentile per-packet one-way delay: 1.042 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 209.76 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 110.35 Mbit/s
95th percentile per-packet one-way delay: 1.149 ms
Loss rate: 0.30%

Run 6: Report of Copa — Data Link

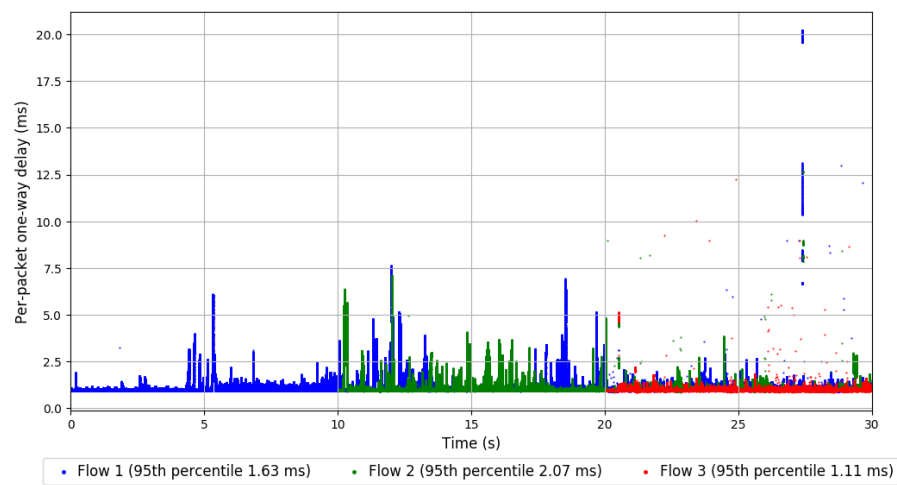
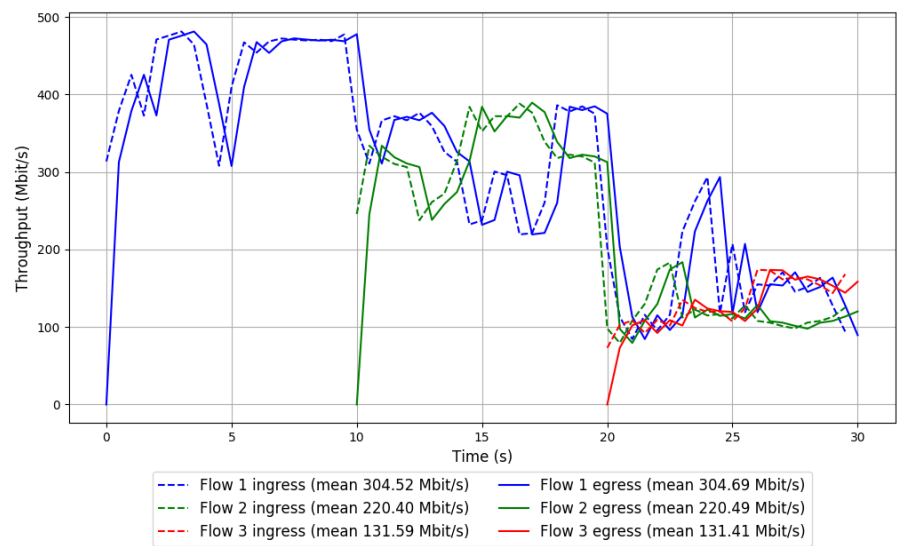


Run 7: Statistics of Copa

Start at: 2018-08-02 03:19:30
End at: 2018-08-02 03:20:00
Local clock offset: 3.137 ms
Remote clock offset: -2.865 ms

Below is generated by plot.py at 2018-08-02 05:31:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 494.91 Mbit/s
95th percentile per-packet one-way delay: 1.681 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 304.69 Mbit/s
95th percentile per-packet one-way delay: 1.629 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 220.49 Mbit/s
95th percentile per-packet one-way delay: 2.074 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 131.41 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.37%

Run 7: Report of Copa — Data Link

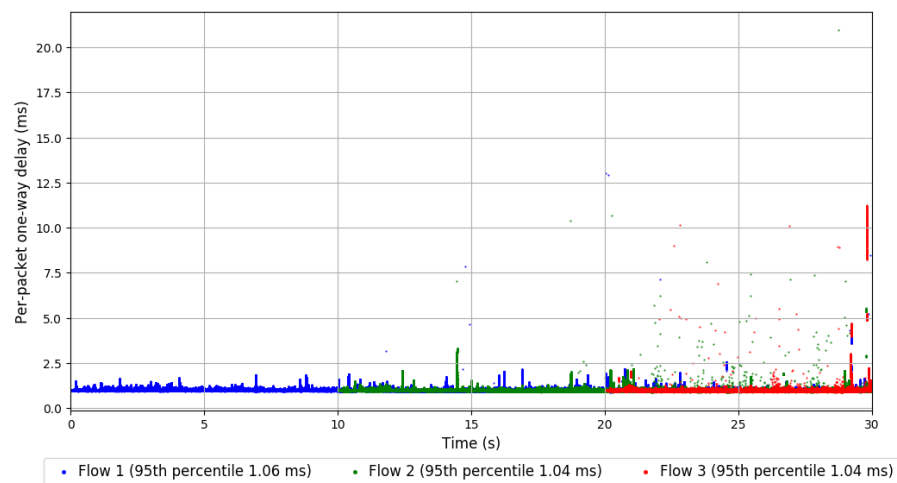
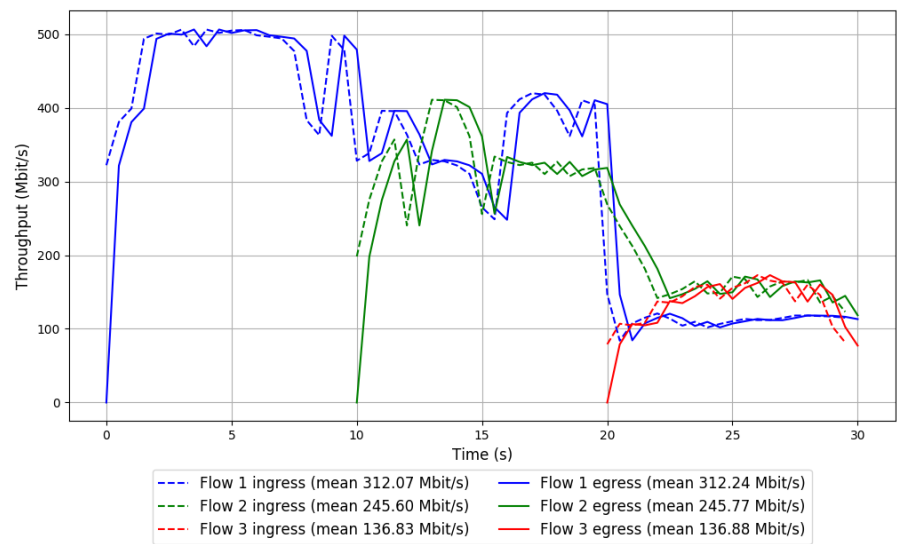


Run 8: Statistics of Copa

Start at: 2018-08-02 03:46:35
End at: 2018-08-02 03:47:05
Local clock offset: 2.996 ms
Remote clock offset: -2.893 ms

Below is generated by plot.py at 2018-08-02 05:32:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 521.15 Mbit/s
95th percentile per-packet one-way delay: 1.051 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 312.24 Mbit/s
95th percentile per-packet one-way delay: 1.056 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 245.77 Mbit/s
95th percentile per-packet one-way delay: 1.040 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 136.88 Mbit/s
95th percentile per-packet one-way delay: 1.045 ms
Loss rate: 0.16%

Run 8: Report of Copa — Data Link

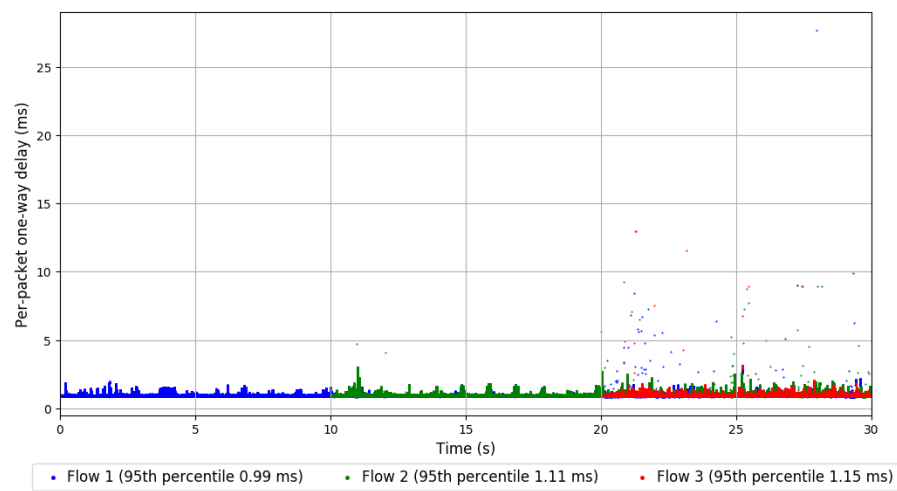
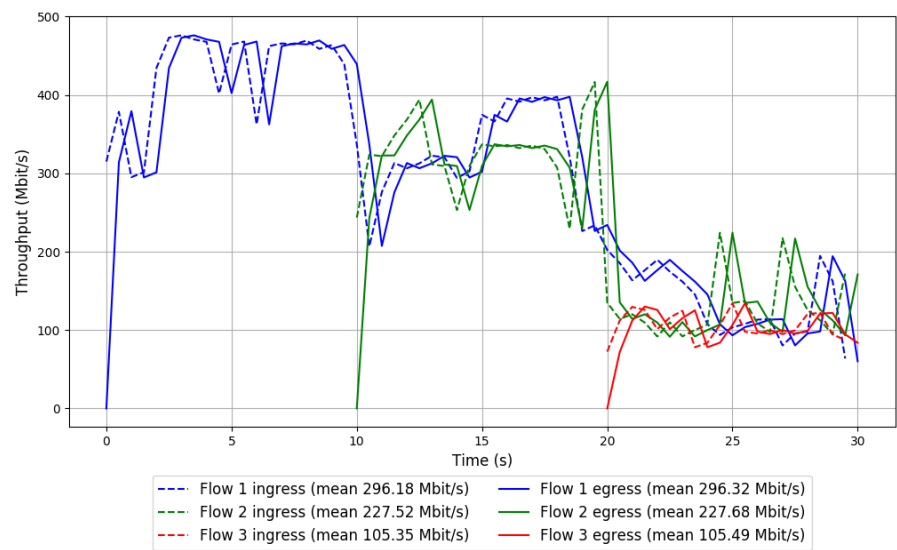


Run 9: Statistics of Copa

Start at: 2018-08-02 04:13:32
End at: 2018-08-02 04:14:02
Local clock offset: 3.405 ms
Remote clock offset: -2.726 ms

Below is generated by plot.py at 2018-08-02 05:32:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 482.79 Mbit/s
95th percentile per-packet one-way delay: 1.041 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 296.32 Mbit/s
95th percentile per-packet one-way delay: 0.989 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 227.68 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 105.49 Mbit/s
95th percentile per-packet one-way delay: 1.152 ms
Loss rate: 0.17%

Run 9: Report of Copa — Data Link

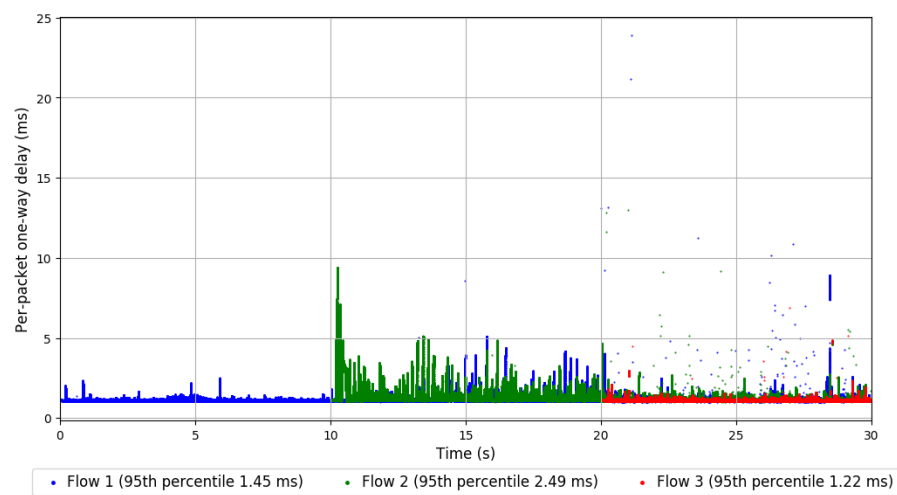
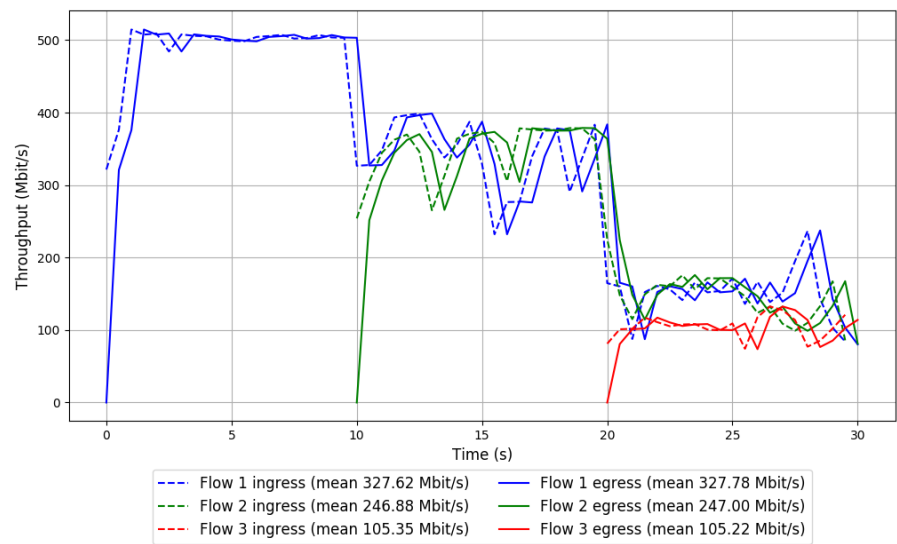


Run 10: Statistics of Copa

Start at: 2018-08-02 04:40:25
End at: 2018-08-02 04:40:55
Local clock offset: 2.985 ms
Remote clock offset: -2.886 ms

Below is generated by plot.py at 2018-08-02 05:32:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 527.02 Mbit/s
95th percentile per-packet one-way delay: 1.852 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 327.78 Mbit/s
95th percentile per-packet one-way delay: 1.452 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 247.00 Mbit/s
95th percentile per-packet one-way delay: 2.489 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 105.22 Mbit/s
95th percentile per-packet one-way delay: 1.218 ms
Loss rate: 0.34%

Run 10: Report of Copa — Data Link

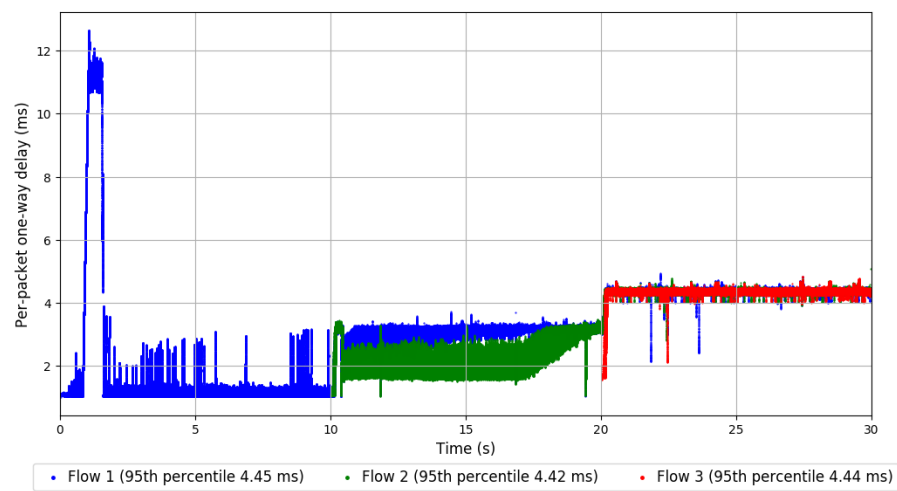
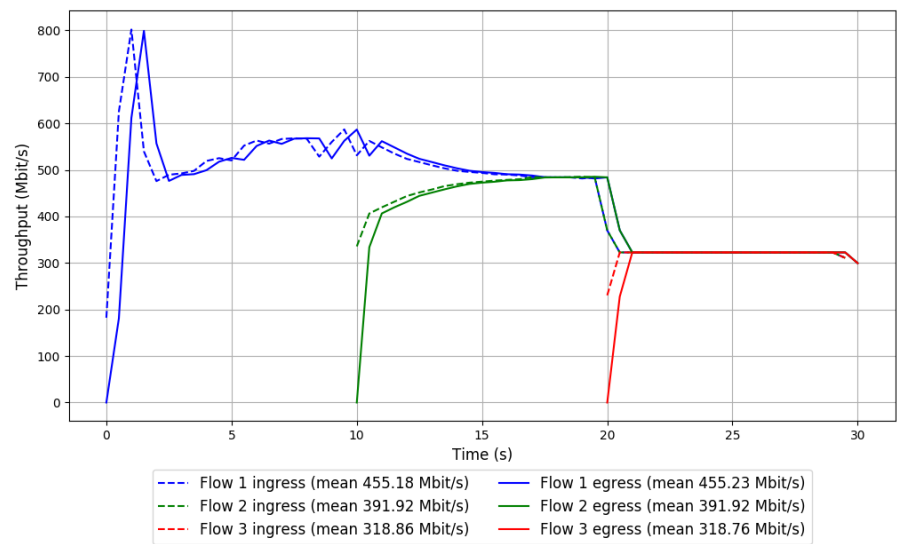


Run 1: Statistics of TCP Cubic

Start at: 2018-08-02 00:15:27
End at: 2018-08-02 00:15:57
Local clock offset: 3.965 ms
Remote clock offset: -2.474 ms

Below is generated by plot.py at 2018-08-02 05:32:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 821.98 Mbit/s
95th percentile per-packet one-way delay: 4.432 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 455.23 Mbit/s
95th percentile per-packet one-way delay: 4.454 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 391.92 Mbit/s
95th percentile per-packet one-way delay: 4.415 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.76 Mbit/s
95th percentile per-packet one-way delay: 4.440 ms
Loss rate: 0.22%

Run 1: Report of TCP Cubic — Data Link

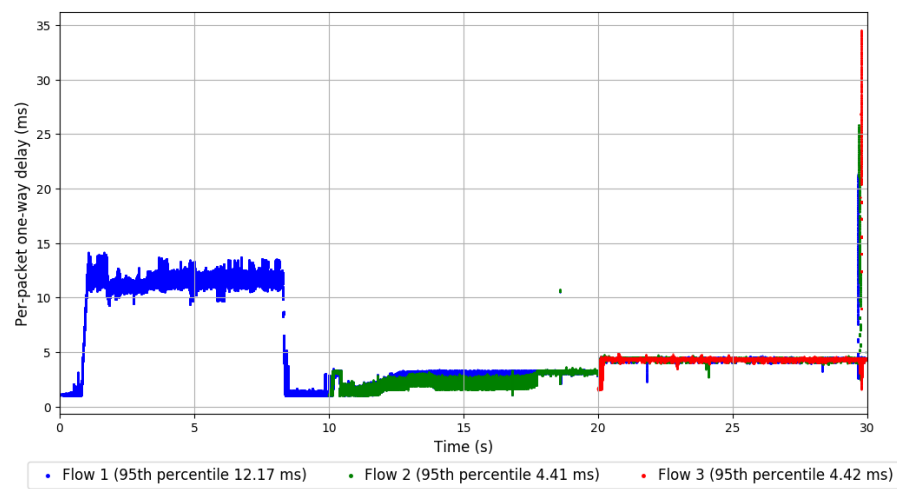
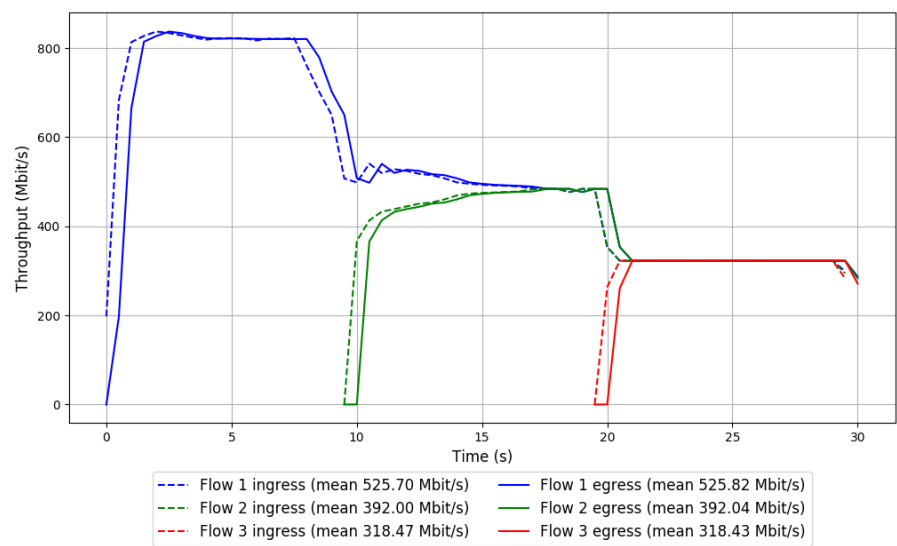


Run 2: Statistics of TCP Cubic

Start at: 2018-08-02 00:42:16
End at: 2018-08-02 00:42:46
Local clock offset: 3.834 ms
Remote clock offset: -2.468 ms

Below is generated by plot.py at 2018-08-02 05:32:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 893.08 Mbit/s
95th percentile per-packet one-way delay: 11.890 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 525.82 Mbit/s
95th percentile per-packet one-way delay: 12.168 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 392.04 Mbit/s
95th percentile per-packet one-way delay: 4.409 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.43 Mbit/s
95th percentile per-packet one-way delay: 4.425 ms
Loss rate: 0.23%

Run 2: Report of TCP Cubic — Data Link

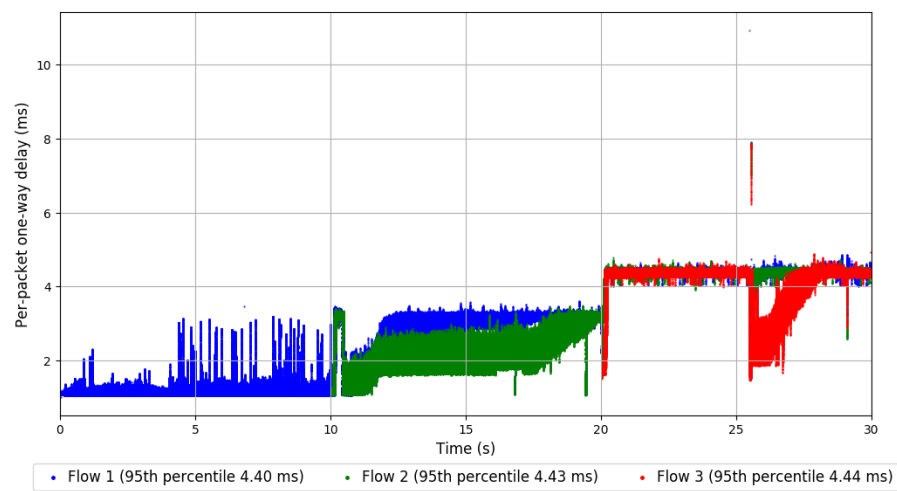
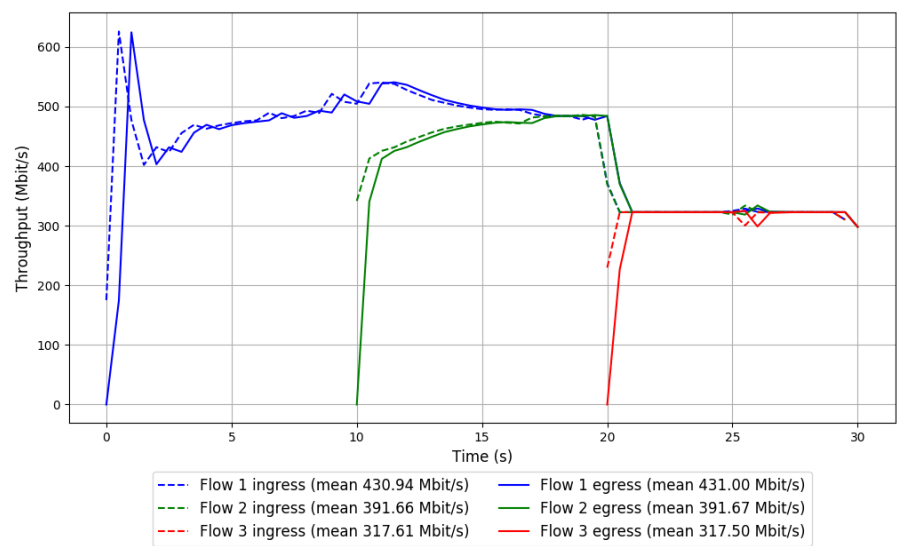


Run 3: Statistics of TCP Cubic

Start at: 2018-08-02 01:09:18
End at: 2018-08-02 01:09:48
Local clock offset: 3.556 ms
Remote clock offset: -2.545 ms

Below is generated by plot.py at 2018-08-02 05:32:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 797.14 Mbit/s
95th percentile per-packet one-way delay: 4.422 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 431.00 Mbit/s
95th percentile per-packet one-way delay: 4.402 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 391.67 Mbit/s
95th percentile per-packet one-way delay: 4.433 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 317.50 Mbit/s
95th percentile per-packet one-way delay: 4.440 ms
Loss rate: 0.24%

Run 3: Report of TCP Cubic — Data Link

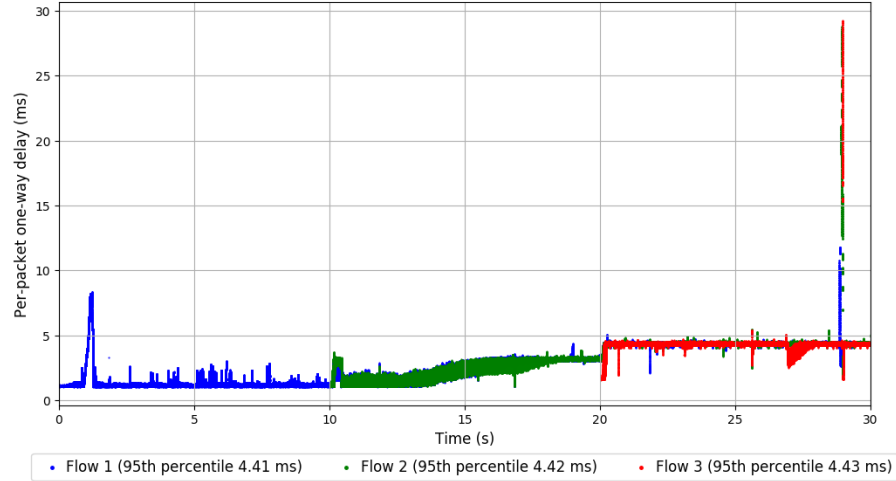
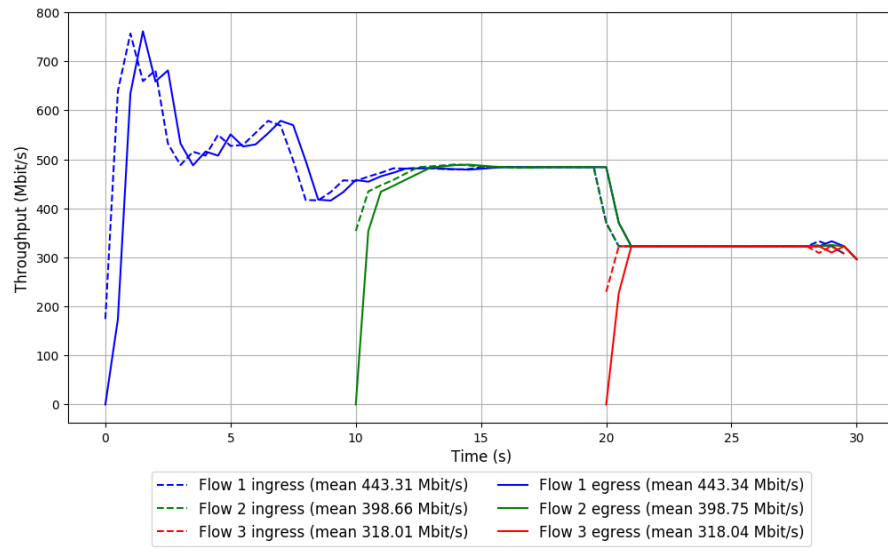


Run 4: Statistics of TCP Cubic

Start at: 2018-08-02 01:36:22
End at: 2018-08-02 01:36:52
Local clock offset: 3.501 ms
Remote clock offset: -2.481 ms

Below is generated by plot.py at 2018-08-02 05:32:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 814.35 Mbit/s
95th percentile per-packet one-way delay: 4.417 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 443.34 Mbit/s
95th percentile per-packet one-way delay: 4.407 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 398.75 Mbit/s
95th percentile per-packet one-way delay: 4.419 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.04 Mbit/s
95th percentile per-packet one-way delay: 4.432 ms
Loss rate: 0.22%

Run 4: Report of TCP Cubic — Data Link

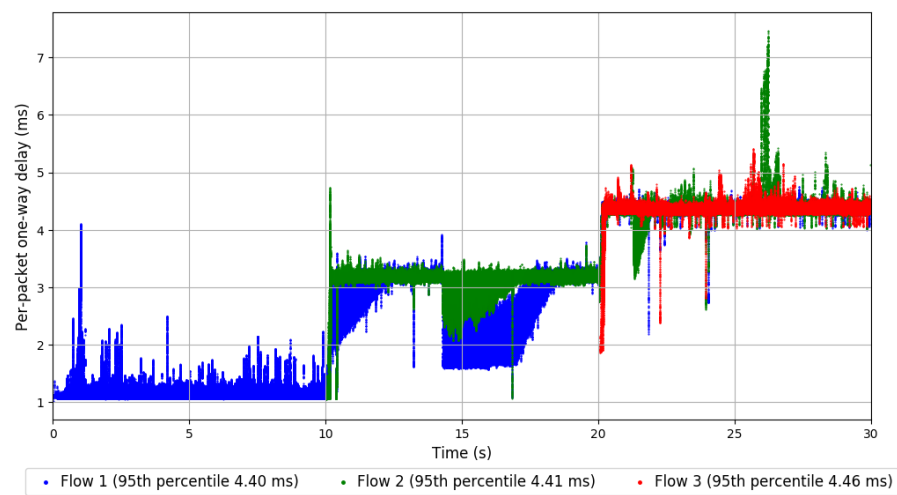
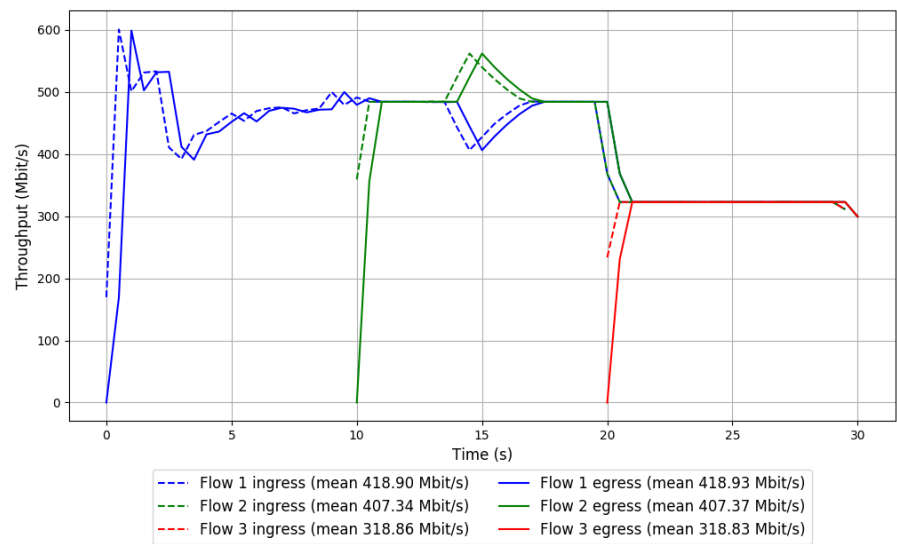


Run 5: Statistics of TCP Cubic

Start at: 2018-08-02 02:03:13
End at: 2018-08-02 02:03:43
Local clock offset: 3.115 ms
Remote clock offset: -2.355 ms

Below is generated by plot.py at 2018-08-02 05:39:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 796.04 Mbit/s
95th percentile per-packet one-way delay: 4.420 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 418.93 Mbit/s
95th percentile per-packet one-way delay: 4.402 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 407.37 Mbit/s
95th percentile per-packet one-way delay: 4.410 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.83 Mbit/s
95th percentile per-packet one-way delay: 4.455 ms
Loss rate: 0.23%

Run 5: Report of TCP Cubic — Data Link

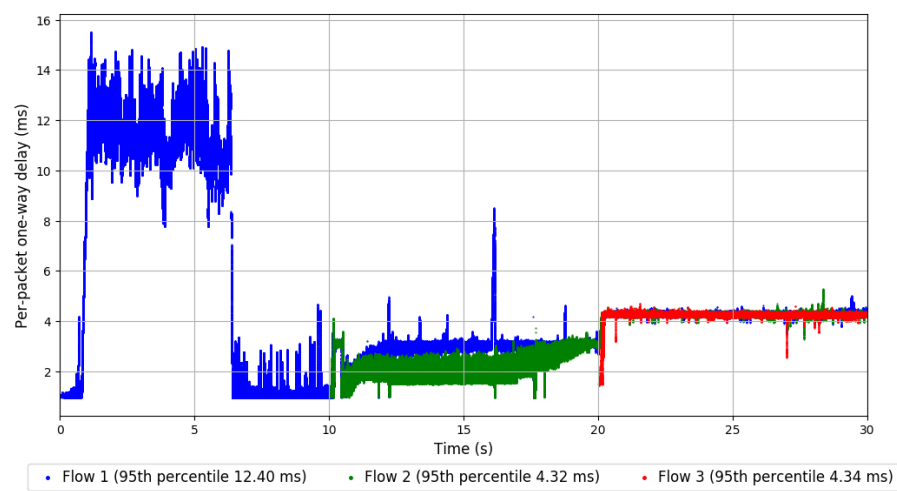
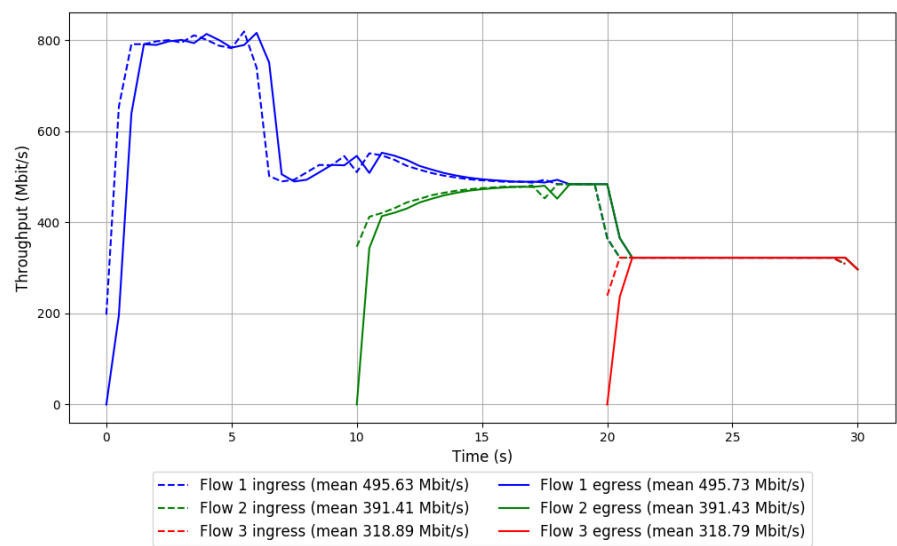


Run 6: Statistics of TCP Cubic

Start at: 2018-08-02 02:30:17
End at: 2018-08-02 02:30:47
Local clock offset: 2.799 ms
Remote clock offset: -3.398 ms

Below is generated by plot.py at 2018-08-02 05:40:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 862.26 Mbit/s
95th percentile per-packet one-way delay: 11.930 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 495.73 Mbit/s
95th percentile per-packet one-way delay: 12.399 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 391.43 Mbit/s
95th percentile per-packet one-way delay: 4.316 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 318.79 Mbit/s
95th percentile per-packet one-way delay: 4.340 ms
Loss rate: 0.23%

Run 6: Report of TCP Cubic — Data Link

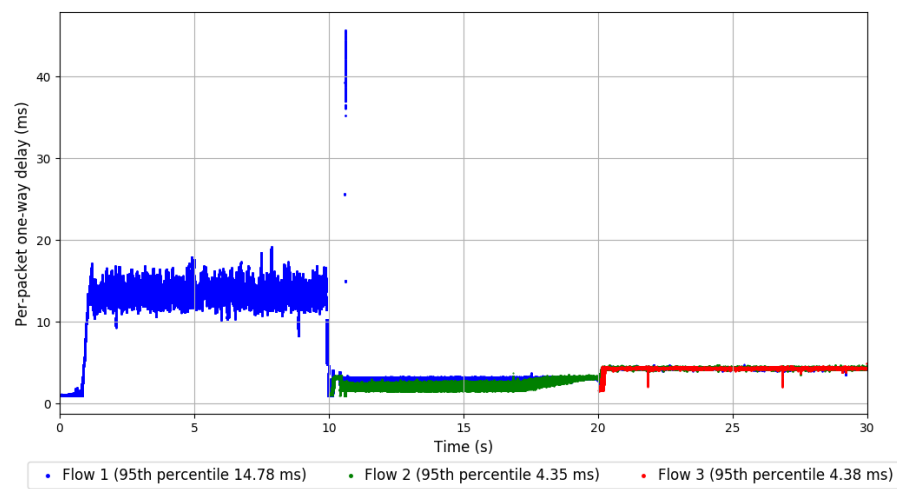
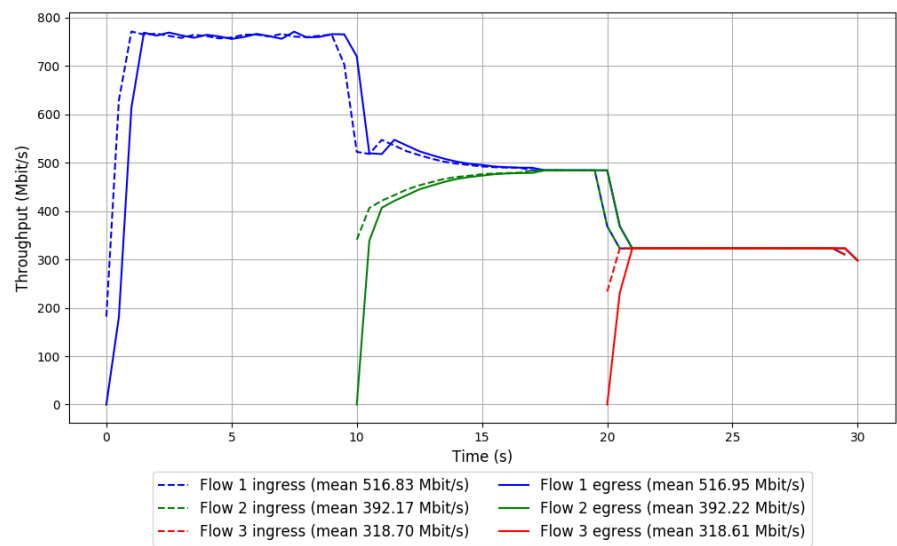


Run 7: Statistics of TCP Cubic

Start at: 2018-08-02 02:57:11
End at: 2018-08-02 02:57:41
Local clock offset: 3.112 ms
Remote clock offset: -3.043 ms

Below is generated by plot.py at 2018-08-02 05:40:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 883.93 Mbit/s
95th percentile per-packet one-way delay: 14.243 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 516.95 Mbit/s
95th percentile per-packet one-way delay: 14.778 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 392.22 Mbit/s
95th percentile per-packet one-way delay: 4.348 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 318.61 Mbit/s
95th percentile per-packet one-way delay: 4.381 ms
Loss rate: 0.23%

Run 7: Report of TCP Cubic — Data Link

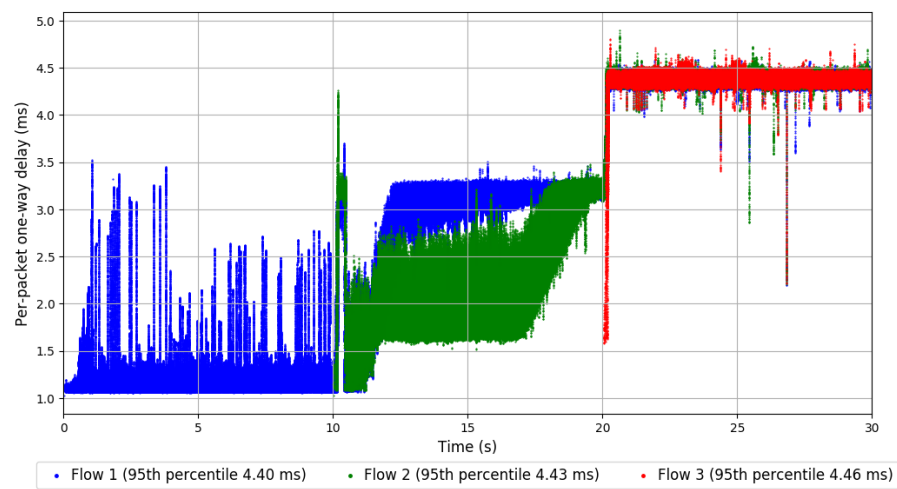
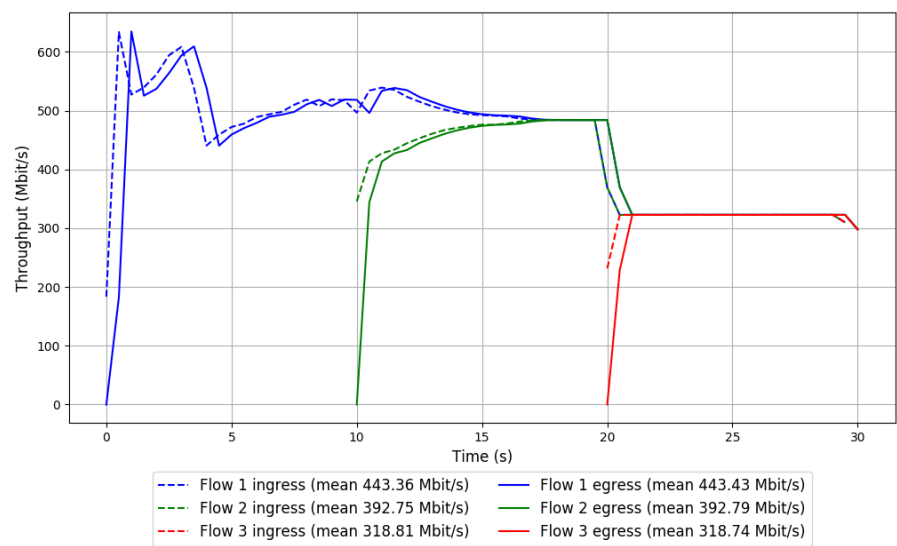


Run 8: Statistics of TCP Cubic

Start at: 2018-08-02 03:24:17
End at: 2018-08-02 03:24:47
Local clock offset: 3.148 ms
Remote clock offset: -2.947 ms

Below is generated by plot.py at 2018-08-02 05:40:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 810.78 Mbit/s
95th percentile per-packet one-way delay: 4.426 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 443.43 Mbit/s
95th percentile per-packet one-way delay: 4.396 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 392.79 Mbit/s
95th percentile per-packet one-way delay: 4.434 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 318.74 Mbit/s
95th percentile per-packet one-way delay: 4.455 ms
Loss rate: 0.23%

Run 8: Report of TCP Cubic — Data Link

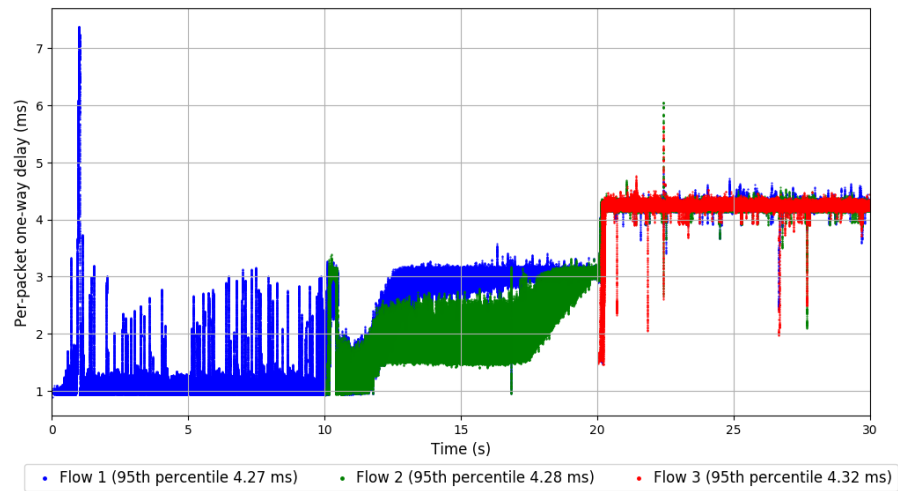
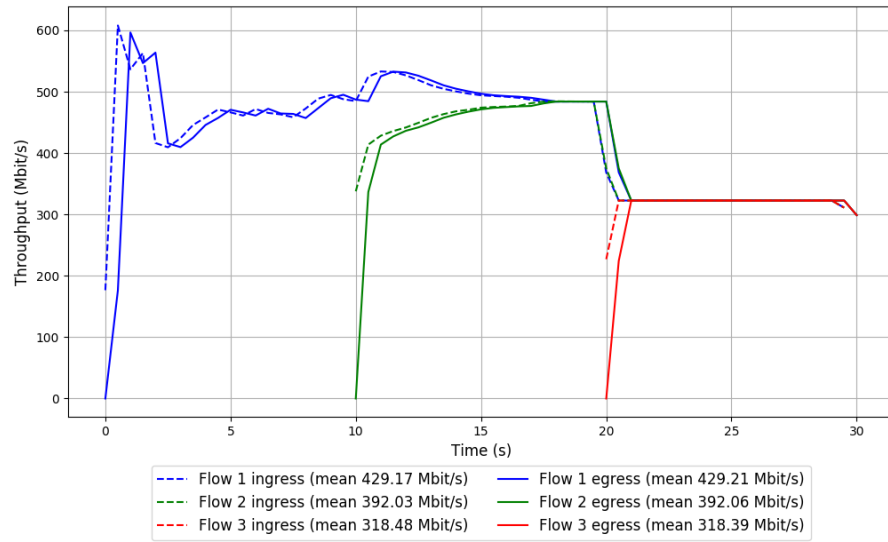


Run 9: Statistics of TCP Cubic

Start at: 2018-08-02 03:51:24
End at: 2018-08-02 03:51:54
Local clock offset: 2.986 ms
Remote clock offset: -2.893 ms

Below is generated by plot.py at 2018-08-02 05:40:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 795.99 Mbit/s
95th percentile per-packet one-way delay: 4.288 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 429.21 Mbit/s
95th percentile per-packet one-way delay: 4.268 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 392.06 Mbit/s
95th percentile per-packet one-way delay: 4.279 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 318.39 Mbit/s
95th percentile per-packet one-way delay: 4.324 ms
Loss rate: 0.23%

Run 9: Report of TCP Cubic — Data Link

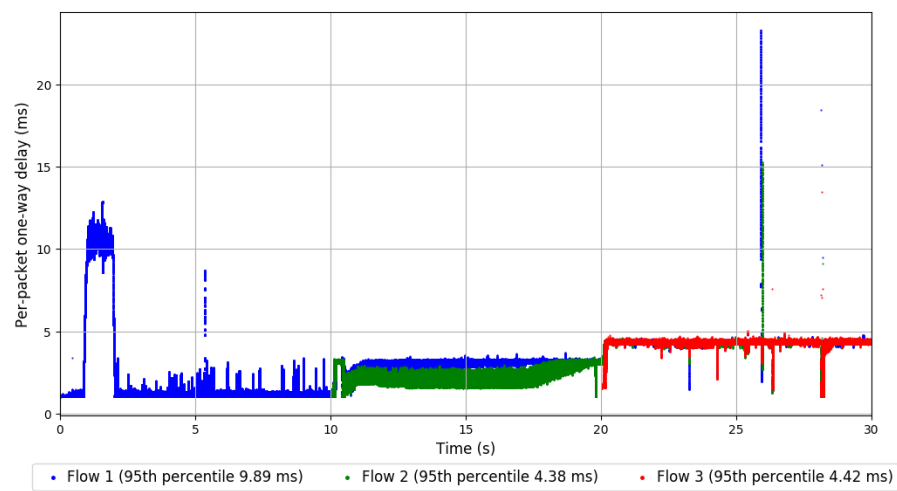
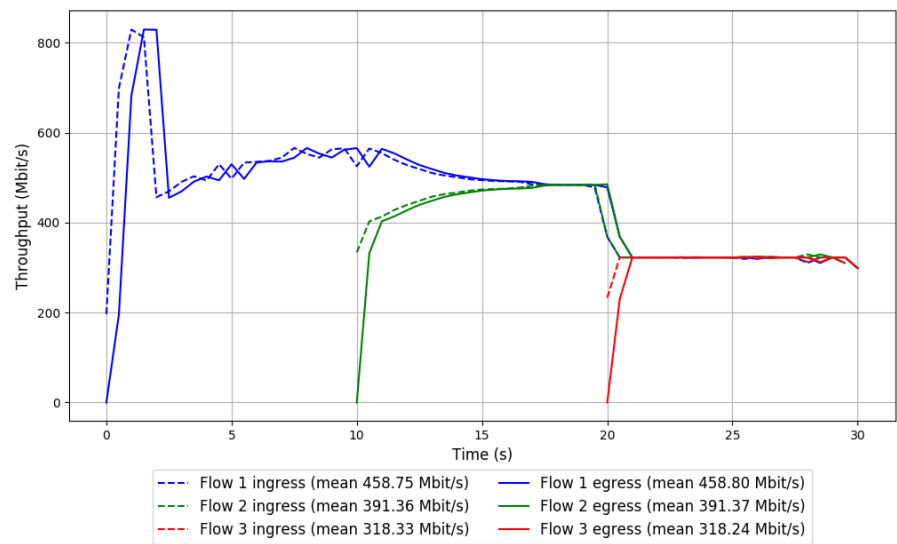


Run 10: Statistics of TCP Cubic

Start at: 2018-08-02 04:18:15
End at: 2018-08-02 04:18:45
Local clock offset: 3.444 ms
Remote clock offset: -2.857 ms

Below is generated by plot.py at 2018-08-02 05:40:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 824.95 Mbit/s
95th percentile per-packet one-way delay: 4.422 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 458.80 Mbit/s
95th percentile per-packet one-way delay: 9.887 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 391.37 Mbit/s
95th percentile per-packet one-way delay: 4.379 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 318.24 Mbit/s
95th percentile per-packet one-way delay: 4.420 ms
Loss rate: 0.22%

Run 10: Report of TCP Cubic — Data Link

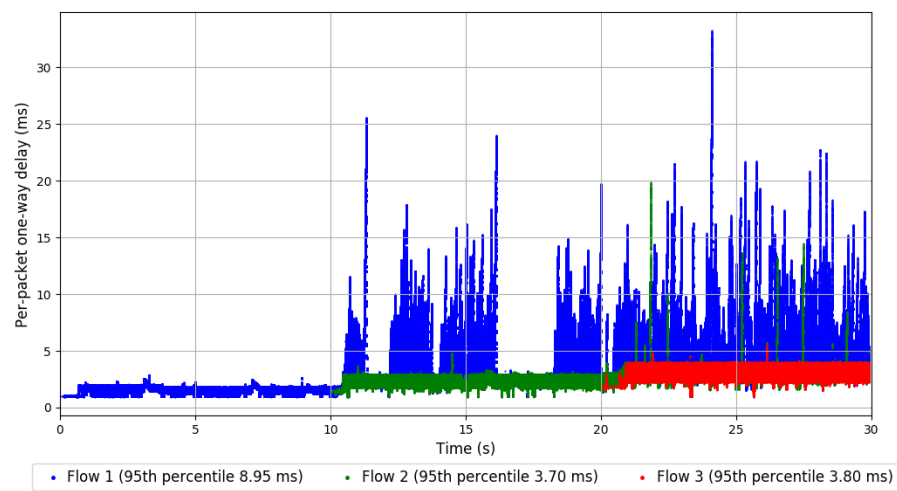
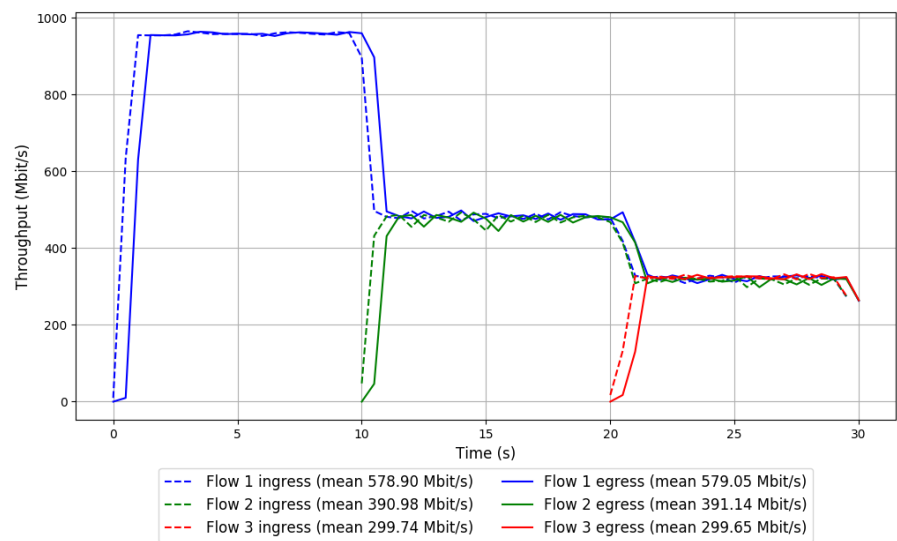


Run 1: Statistics of FillP

Start at: 2018-08-02 00:22:05
End at: 2018-08-02 00:22:35
Local clock offset: 3.867 ms
Remote clock offset: -2.315 ms

Below is generated by plot.py at 2018-08-02 05:44:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 938.49 Mbit/s
95th percentile per-packet one-way delay: 7.325 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 579.05 Mbit/s
95th percentile per-packet one-way delay: 8.949 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 391.14 Mbit/s
95th percentile per-packet one-way delay: 3.701 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 299.65 Mbit/s
95th percentile per-packet one-way delay: 3.803 ms
Loss rate: 0.23%

Run 1: Report of FillP — Data Link

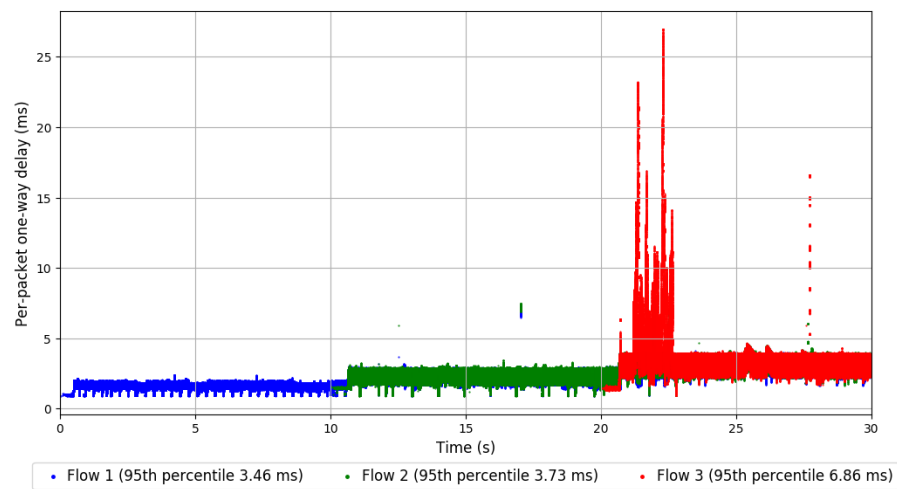
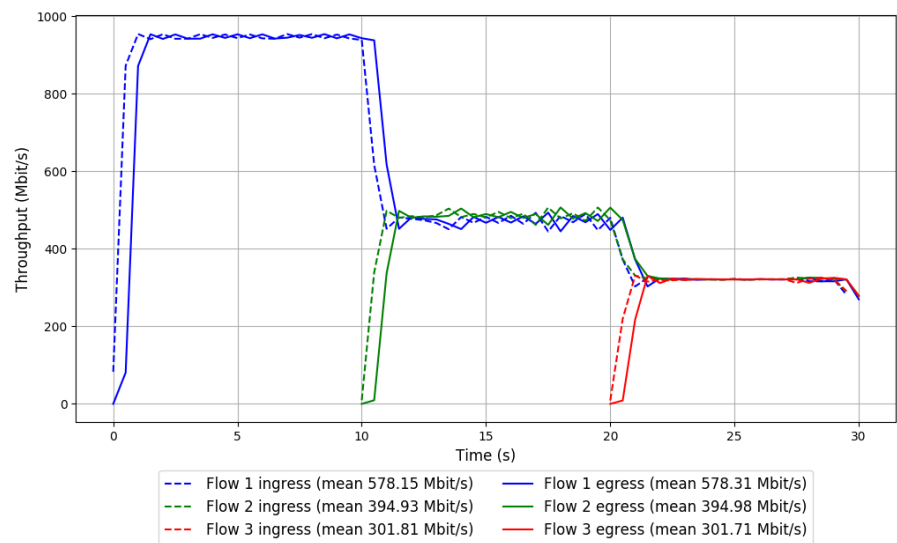


Run 2: Statistics of FillP

Start at: 2018-08-02 00:48:59
End at: 2018-08-02 00:49:29
Local clock offset: 3.754 ms
Remote clock offset: -2.339 ms

Below is generated by plot.py at 2018-08-02 05:45:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 940.69 Mbit/s
95th percentile per-packet one-way delay: 3.736 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 578.31 Mbit/s
95th percentile per-packet one-way delay: 3.464 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 394.98 Mbit/s
95th percentile per-packet one-way delay: 3.730 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 301.71 Mbit/s
95th percentile per-packet one-way delay: 6.862 ms
Loss rate: 0.24%

Run 2: Report of FillP — Data Link

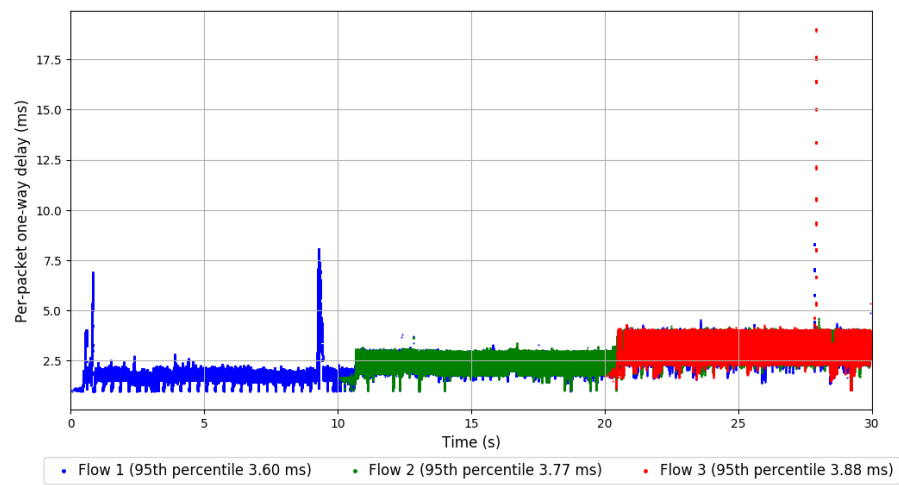
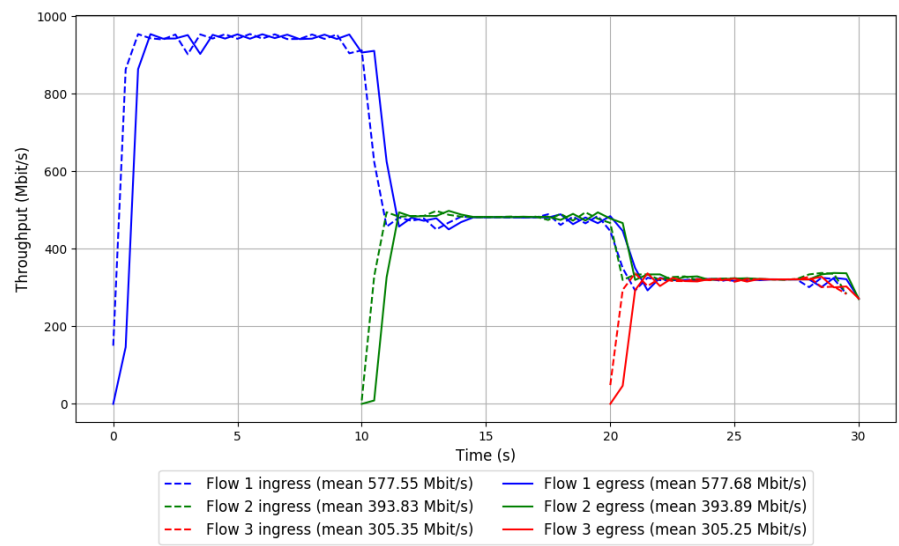


Run 3: Statistics of FillP

Start at: 2018-08-02 01:16:01
End at: 2018-08-02 01:16:31
Local clock offset: 3.455 ms
Remote clock offset: -2.532 ms

Below is generated by plot.py at 2018-08-02 05:51:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 940.25 Mbit/s
95th percentile per-packet one-way delay: 3.748 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 577.68 Mbit/s
95th percentile per-packet one-way delay: 3.599 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 393.89 Mbit/s
95th percentile per-packet one-way delay: 3.774 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 305.25 Mbit/s
95th percentile per-packet one-way delay: 3.879 ms
Loss rate: 0.23%

Run 3: Report of FillP — Data Link

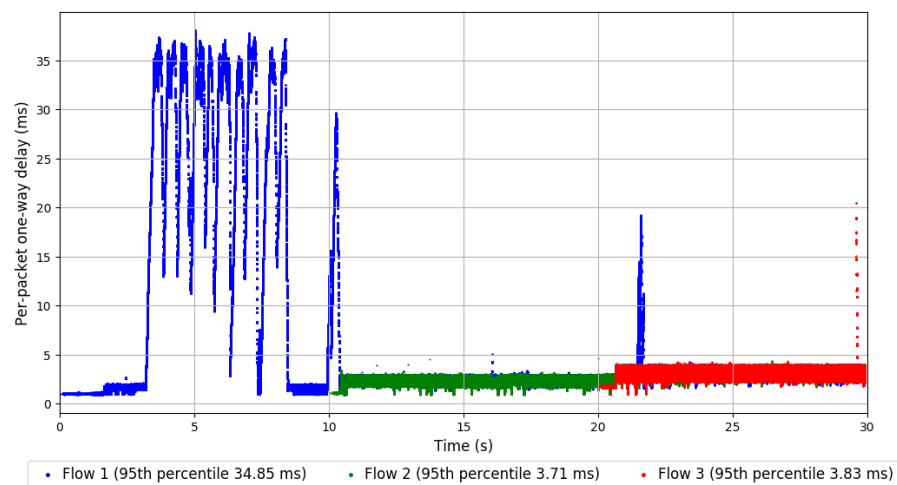
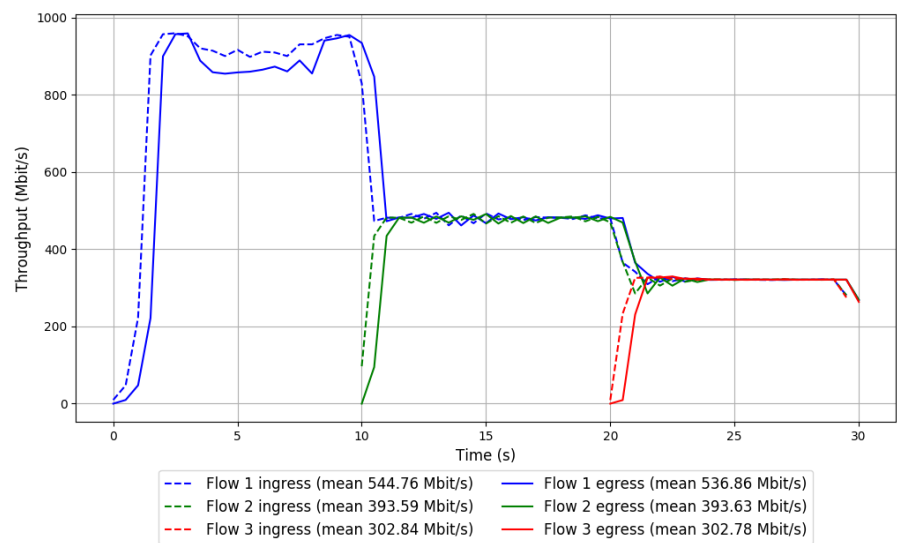


Run 4: Statistics of FillP

Start at: 2018-08-02 01:43:05
End at: 2018-08-02 01:43:35
Local clock offset: 3.377 ms
Remote clock offset: -2.451 ms

Below is generated by plot.py at 2018-08-02 05:51:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 898.87 Mbit/s
95th percentile per-packet one-way delay: 33.780 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 536.86 Mbit/s
95th percentile per-packet one-way delay: 34.854 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 393.63 Mbit/s
95th percentile per-packet one-way delay: 3.705 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 302.78 Mbit/s
95th percentile per-packet one-way delay: 3.832 ms
Loss rate: 0.23%

Run 4: Report of FillP — Data Link

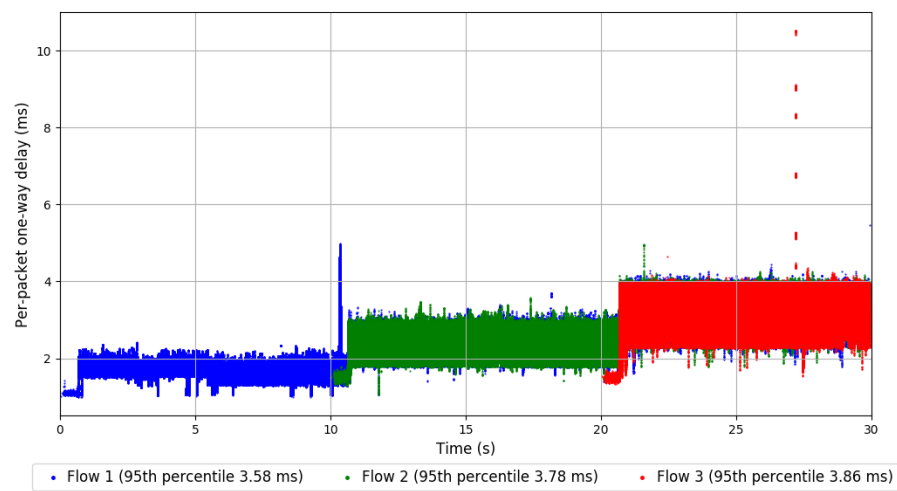
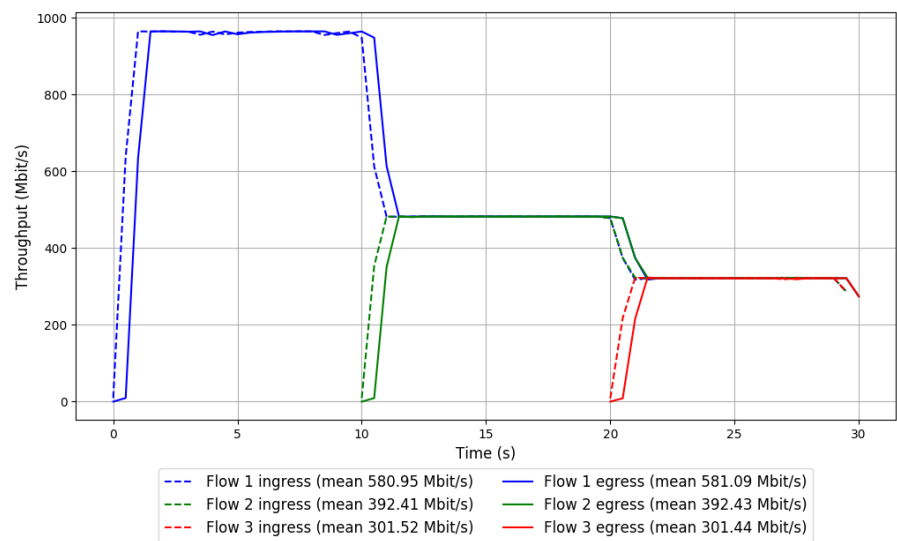


Run 5: Statistics of FillP

Start at: 2018-08-02 02:09:56
End at: 2018-08-02 02:10:26
Local clock offset: 2.982 ms
Remote clock offset: -2.604 ms

Below is generated by plot.py at 2018-08-02 05:52:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 941.73 Mbit/s
95th percentile per-packet one-way delay: 3.739 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 581.09 Mbit/s
95th percentile per-packet one-way delay: 3.582 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 392.43 Mbit/s
95th percentile per-packet one-way delay: 3.776 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 301.44 Mbit/s
95th percentile per-packet one-way delay: 3.861 ms
Loss rate: 0.23%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-08-02 02:37:02

End at: 2018-08-02 02:37:32

Local clock offset: 2.953 ms

Remote clock offset: -3.5 ms

Below is generated by plot.py at 2018-08-02 05:52:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 881.05 Mbit/s

95th percentile per-packet one-way delay: 3.783 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 518.77 Mbit/s

95th percentile per-packet one-way delay: 3.698 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 394.09 Mbit/s

95th percentile per-packet one-way delay: 3.776 ms

Loss rate: 0.10%

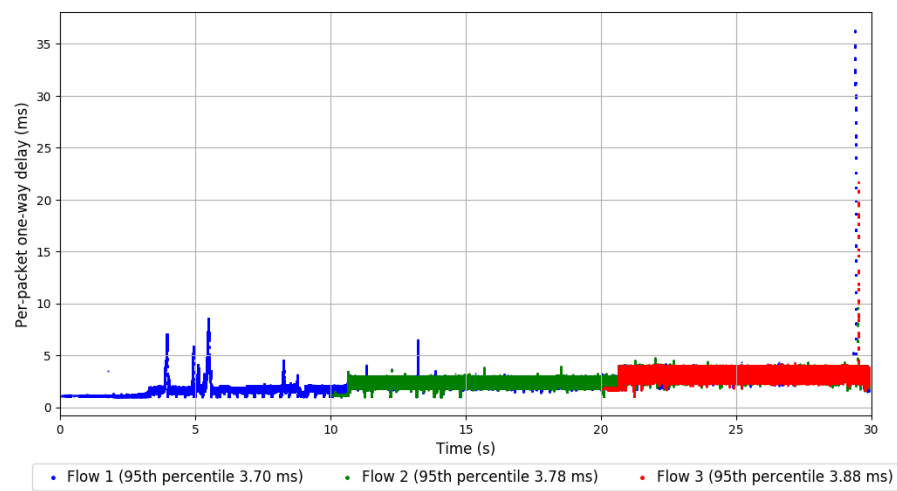
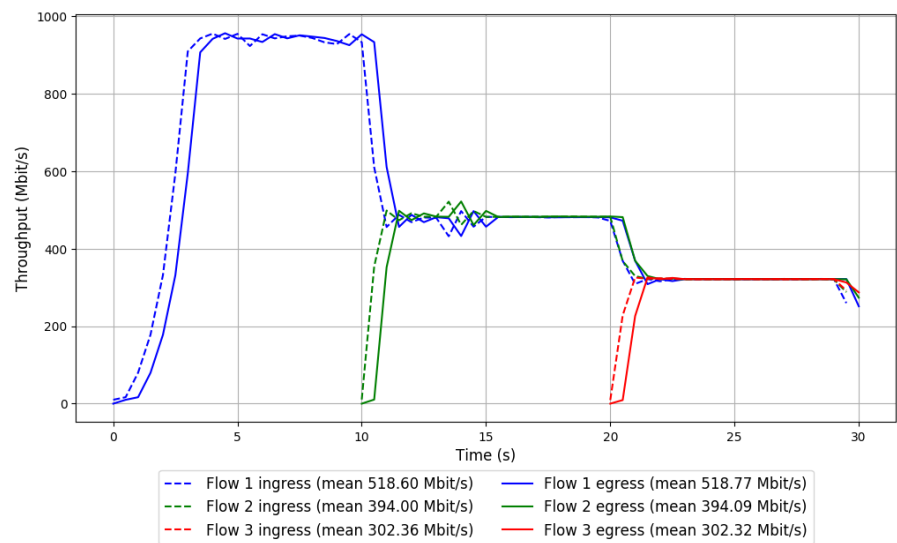
-- Flow 3:

Average throughput: 302.32 Mbit/s

95th percentile per-packet one-way delay: 3.877 ms

Loss rate: 0.27%

Run 6: Report of FillP — Data Link

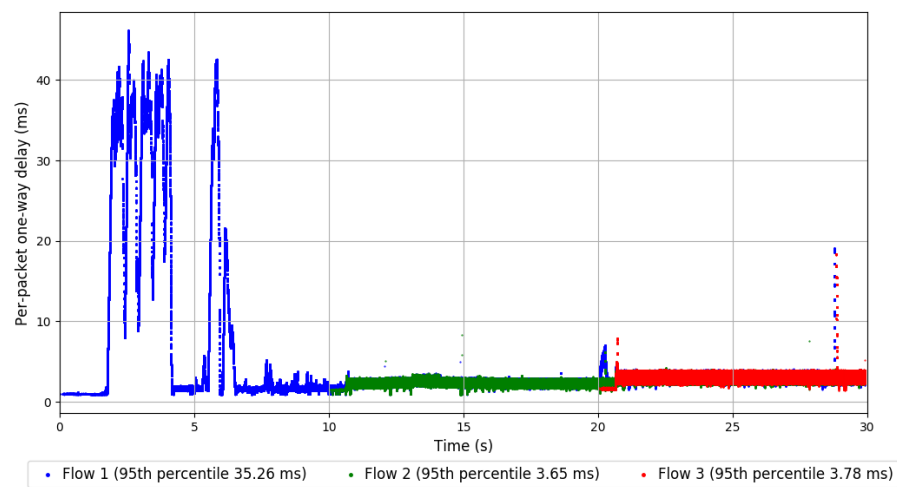
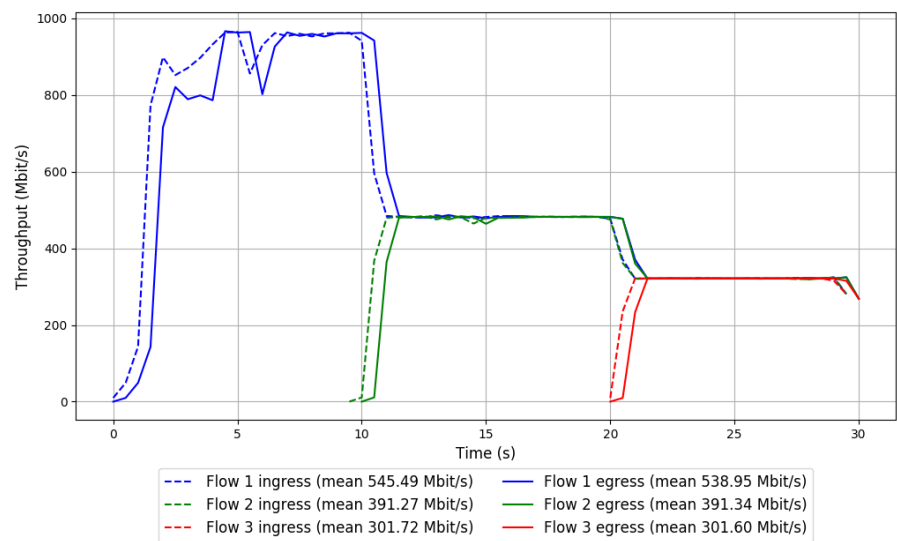


Run 7: Statistics of FillP

Start at: 2018-08-02 03:03:55
End at: 2018-08-02 03:04:25
Local clock offset: 3.061 ms
Remote clock offset: -2.922 ms

Below is generated by plot.py at 2018-08-02 05:52:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 899.20 Mbit/s
95th percentile per-packet one-way delay: 31.379 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 538.95 Mbit/s
95th percentile per-packet one-way delay: 35.263 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 391.34 Mbit/s
95th percentile per-packet one-way delay: 3.652 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 301.60 Mbit/s
95th percentile per-packet one-way delay: 3.777 ms
Loss rate: 0.24%

Run 7: Report of FillP — Data Link

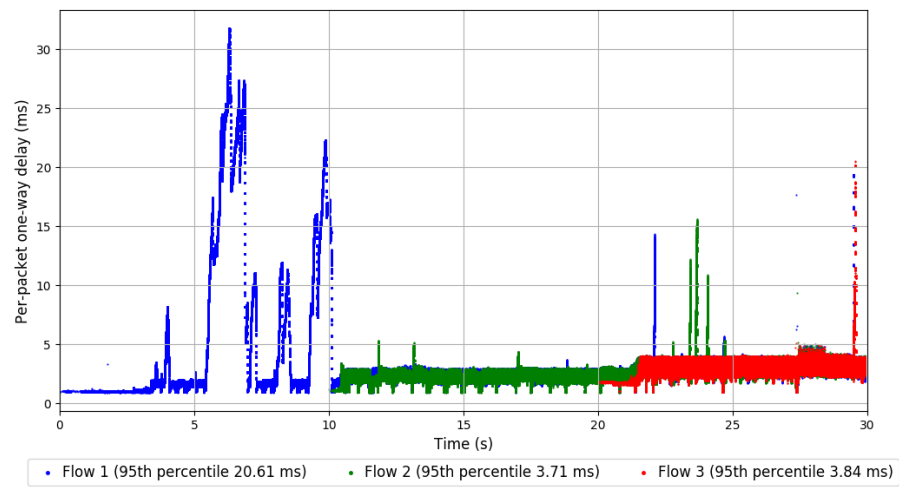
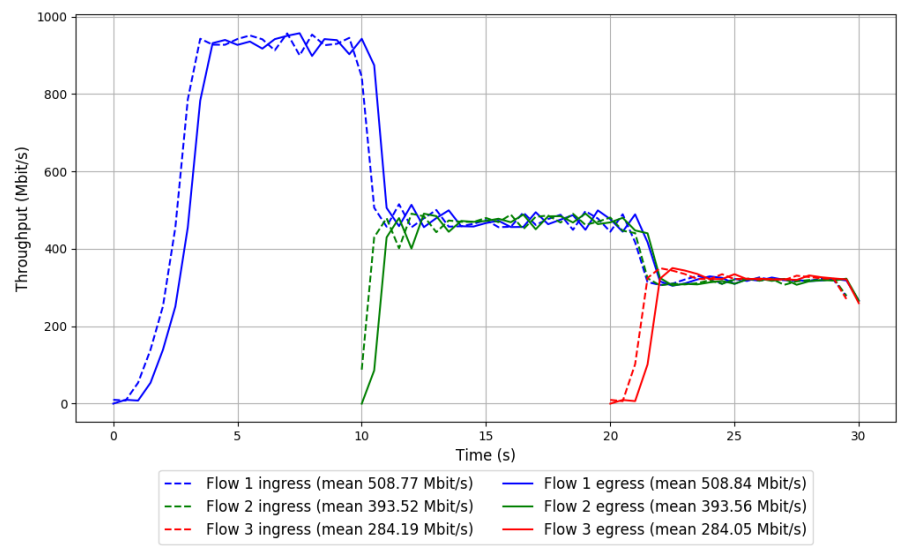


Run 8: Statistics of FillP

Start at: 2018-08-02 03:31:01
End at: 2018-08-02 03:31:31
Local clock offset: 2.997 ms
Remote clock offset: -2.922 ms

Below is generated by plot.py at 2018-08-02 05:52:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 864.53 Mbit/s
95th percentile per-packet one-way delay: 15.615 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 508.84 Mbit/s
95th percentile per-packet one-way delay: 20.609 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 393.56 Mbit/s
95th percentile per-packet one-way delay: 3.710 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 284.05 Mbit/s
95th percentile per-packet one-way delay: 3.838 ms
Loss rate: 0.26%

Run 8: Report of FillP — Data Link

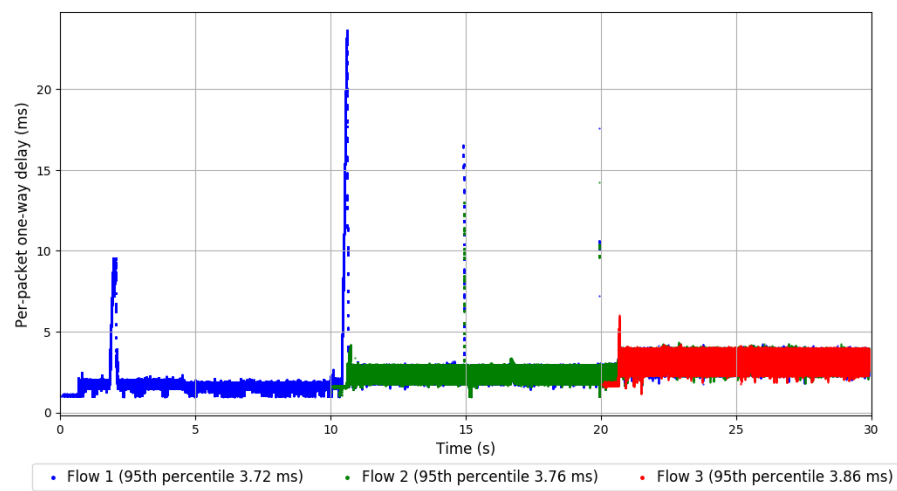
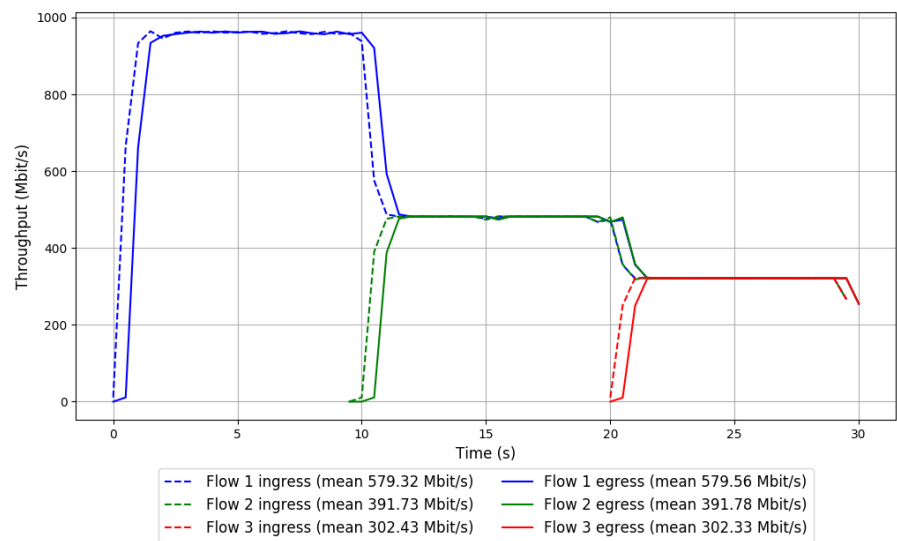


Run 9: Statistics of FillP

Start at: 2018-08-02 03:58:03
End at: 2018-08-02 03:58:33
Local clock offset: 3.213 ms
Remote clock offset: -2.854 ms

Below is generated by plot.py at 2018-08-02 05:57:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 940.45 Mbit/s
95th percentile per-packet one-way delay: 3.779 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 579.56 Mbit/s
95th percentile per-packet one-way delay: 3.719 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 391.78 Mbit/s
95th percentile per-packet one-way delay: 3.761 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 302.33 Mbit/s
95th percentile per-packet one-way delay: 3.863 ms
Loss rate: 0.24%

Run 9: Report of FillP — Data Link

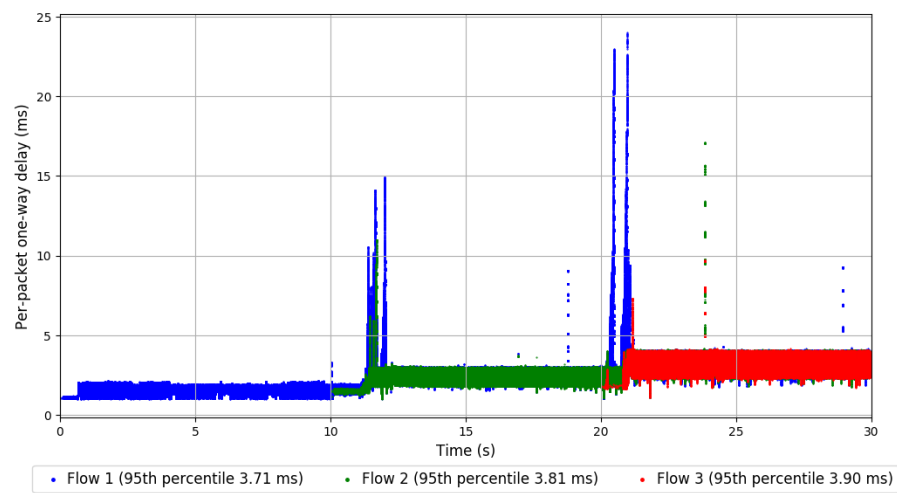
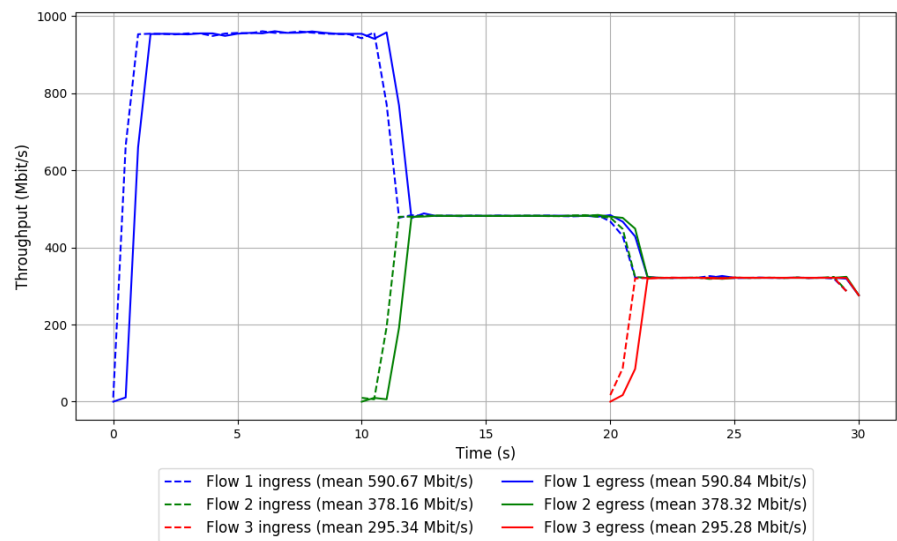


Run 10: Statistics of FillP

Start at: 2018-08-02 04:24:57
End at: 2018-08-02 04:25:27
Local clock offset: 3.334 ms
Remote clock offset: -2.803 ms

Below is generated by plot.py at 2018-08-02 05:58:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 939.97 Mbit/s
95th percentile per-packet one-way delay: 3.805 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 590.84 Mbit/s
95th percentile per-packet one-way delay: 3.713 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 378.32 Mbit/s
95th percentile per-packet one-way delay: 3.808 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 295.28 Mbit/s
95th percentile per-packet one-way delay: 3.898 ms
Loss rate: 0.22%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-08-02 00:31:24

End at: 2018-08-02 00:31:54

Local clock offset: 3.859 ms

Remote clock offset: -2.47 ms

Below is generated by plot.py at 2018-08-02 06:04:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 952.21 Mbit/s

95th percentile per-packet one-way delay: 3.733 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 580.99 Mbit/s

95th percentile per-packet one-way delay: 3.546 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 400.45 Mbit/s

95th percentile per-packet one-way delay: 3.770 ms

Loss rate: 0.08%

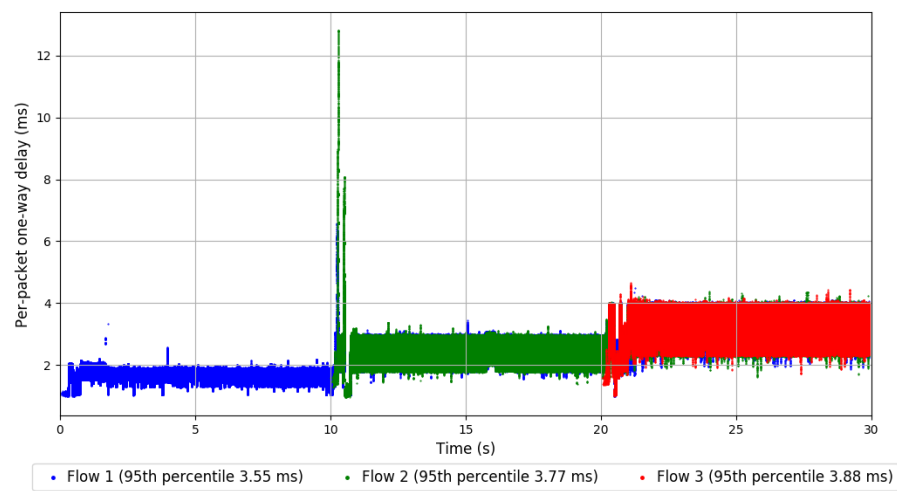
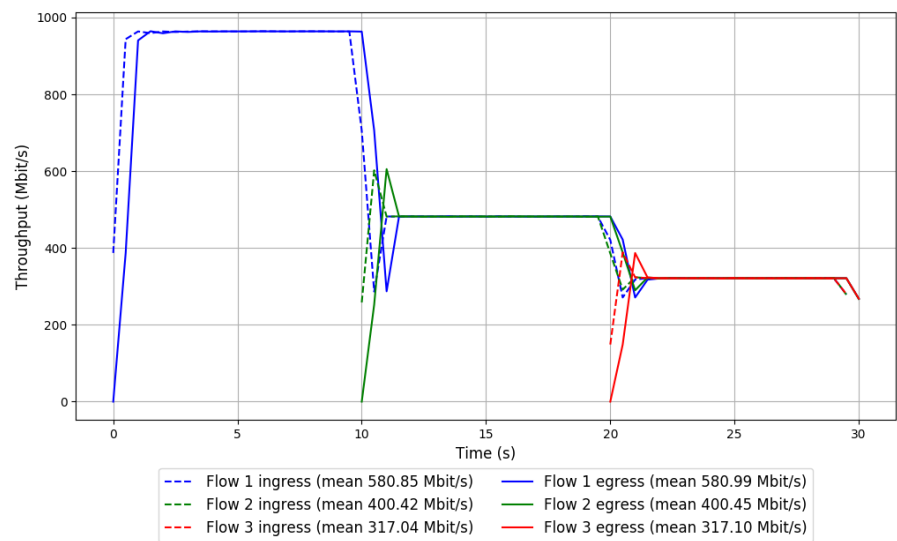
-- Flow 3:

Average throughput: 317.10 Mbit/s

95th percentile per-packet one-way delay: 3.884 ms

Loss rate: 0.22%

Run 1: Report of FillP-Sheep — Data Link

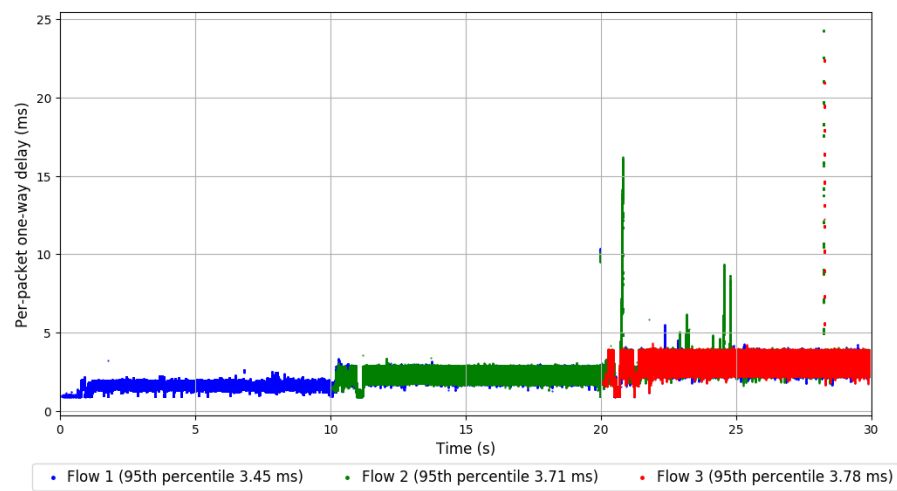
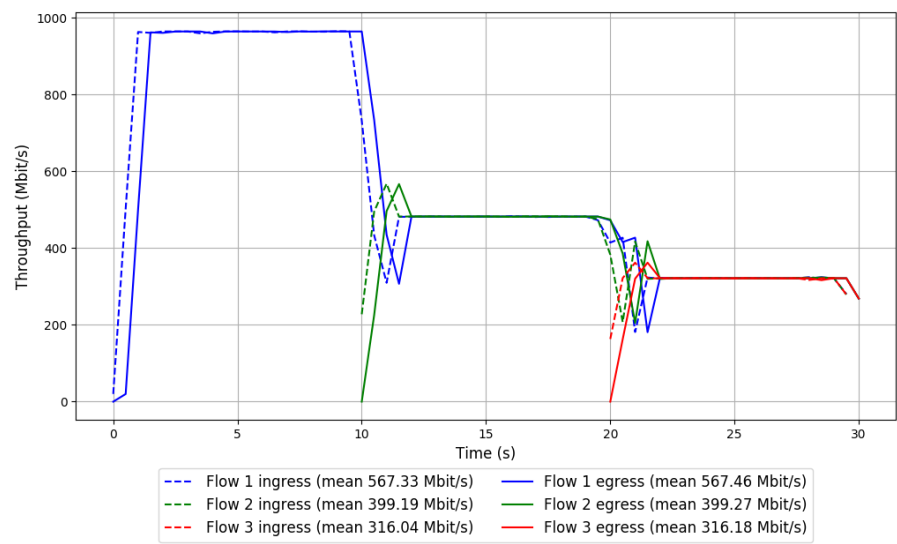


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-02 00:58:19
End at: 2018-08-02 00:58:49
Local clock offset: 3.706 ms
Remote clock offset: -2.035 ms

Below is generated by plot.py at 2018-08-02 06:04:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 937.58 Mbit/s
95th percentile per-packet one-way delay: 3.642 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 567.46 Mbit/s
95th percentile per-packet one-way delay: 3.447 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 399.27 Mbit/s
95th percentile per-packet one-way delay: 3.707 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 316.18 Mbit/s
95th percentile per-packet one-way delay: 3.778 ms
Loss rate: 0.20%

Run 2: Report of FillP-Sheep — Data Link

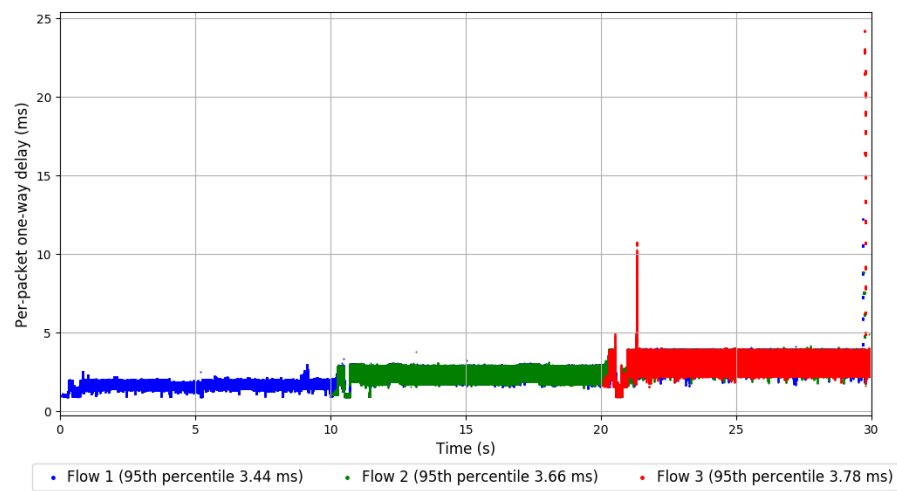
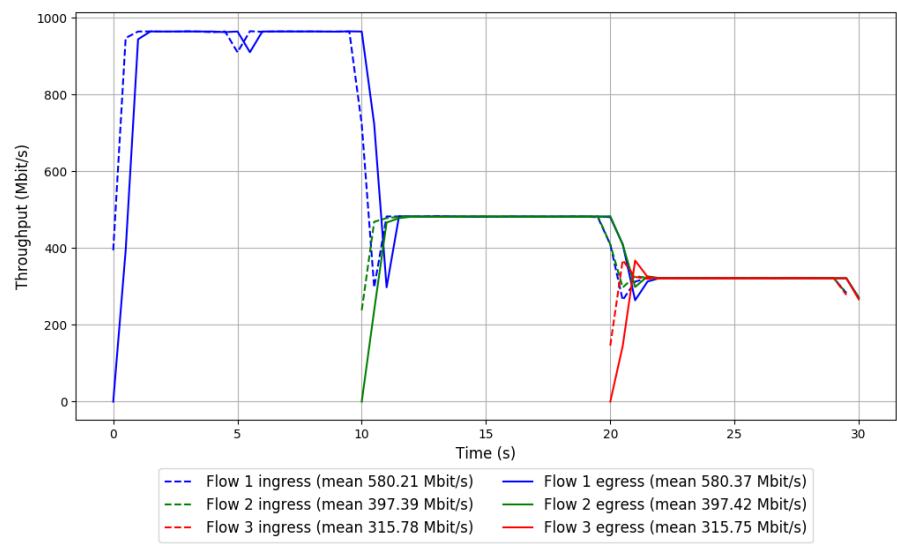


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-02 01:25:23
End at: 2018-08-02 01:25:53
Local clock offset: 3.341 ms
Remote clock offset: -2.516 ms

Below is generated by plot.py at 2018-08-02 06:05:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 949.13 Mbit/s
95th percentile per-packet one-way delay: 3.626 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 580.37 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 397.42 Mbit/s
95th percentile per-packet one-way delay: 3.661 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 315.75 Mbit/s
95th percentile per-packet one-way delay: 3.782 ms
Loss rate: 0.21%

Run 3: Report of FillP-Sheep — Data Link

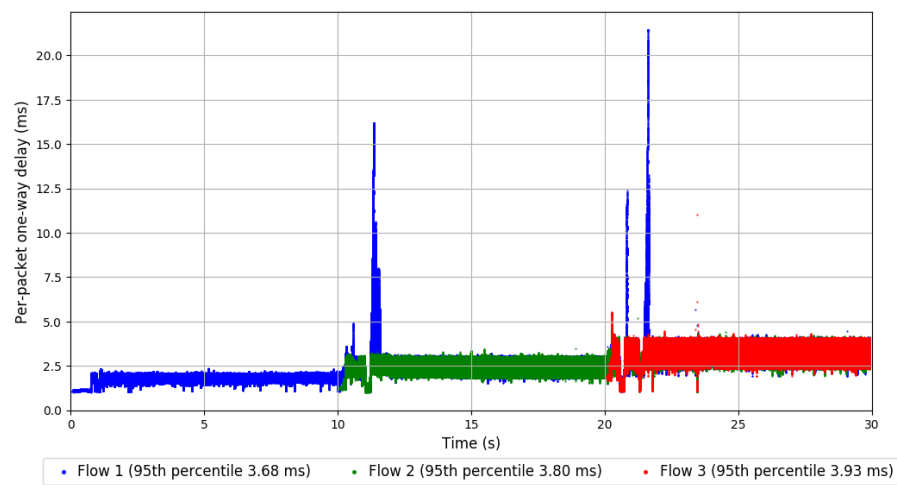
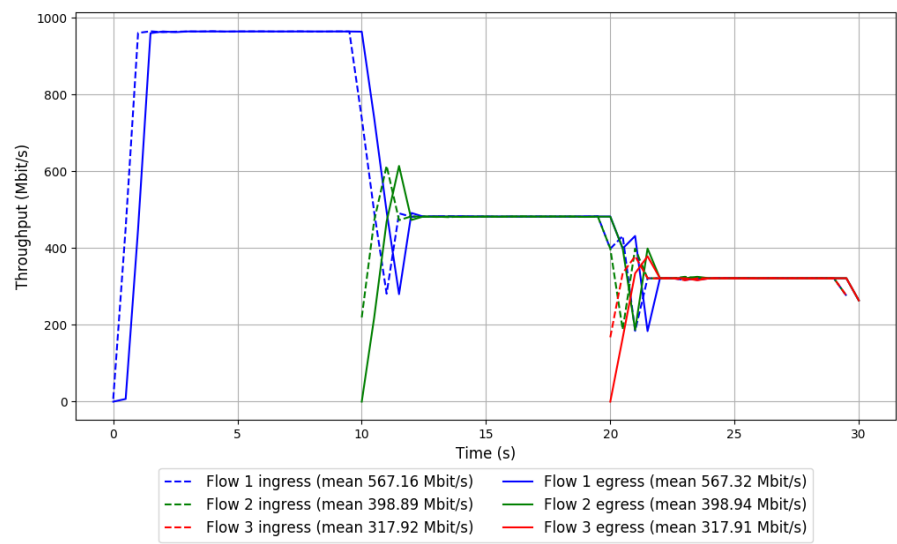


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-02 01:52:23
End at: 2018-08-02 01:52:53
Local clock offset: 3.36 ms
Remote clock offset: -2.416 ms

Below is generated by plot.py at 2018-08-02 06:05:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 937.70 Mbit/s
95th percentile per-packet one-way delay: 3.799 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 567.32 Mbit/s
95th percentile per-packet one-way delay: 3.676 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 398.94 Mbit/s
95th percentile per-packet one-way delay: 3.797 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 317.91 Mbit/s
95th percentile per-packet one-way delay: 3.927 ms
Loss rate: 0.22%

Run 4: Report of FillP-Sheep — Data Link

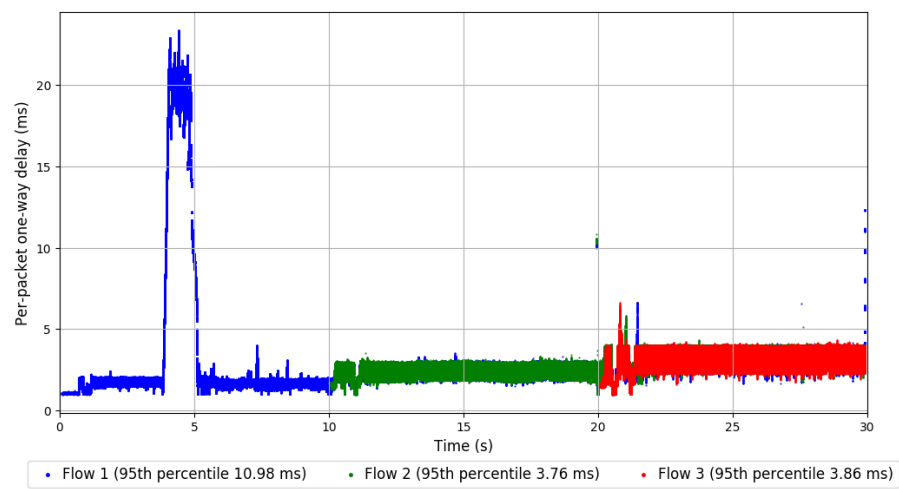
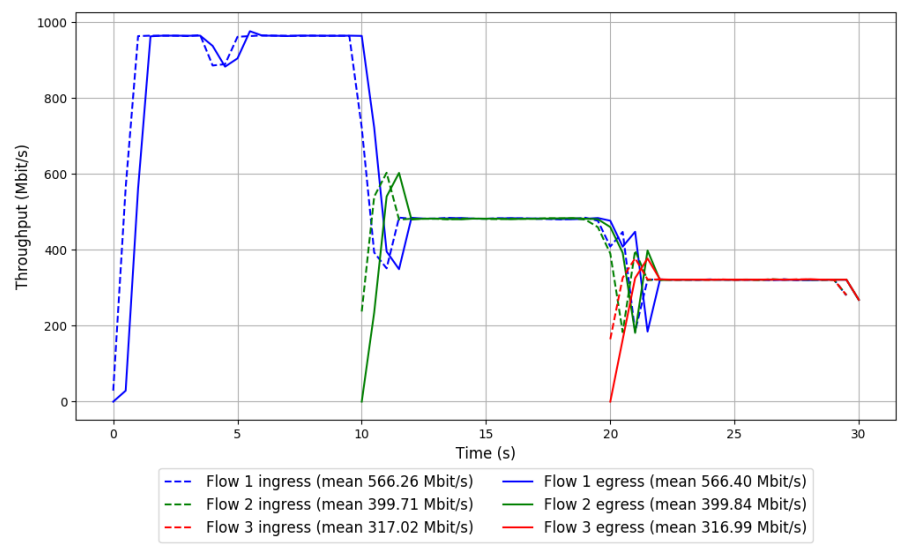


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-02 02:19:16
End at: 2018-08-02 02:19:46
Local clock offset: 2.808 ms
Remote clock offset: -3.076 ms

Below is generated by plot.py at 2018-08-02 06:05:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 937.46 Mbit/s
95th percentile per-packet one-way delay: 3.899 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 566.40 Mbit/s
95th percentile per-packet one-way delay: 10.981 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 399.84 Mbit/s
95th percentile per-packet one-way delay: 3.759 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 316.99 Mbit/s
95th percentile per-packet one-way delay: 3.860 ms
Loss rate: 0.23%

Run 5: Report of FillP-Sheep — Data Link

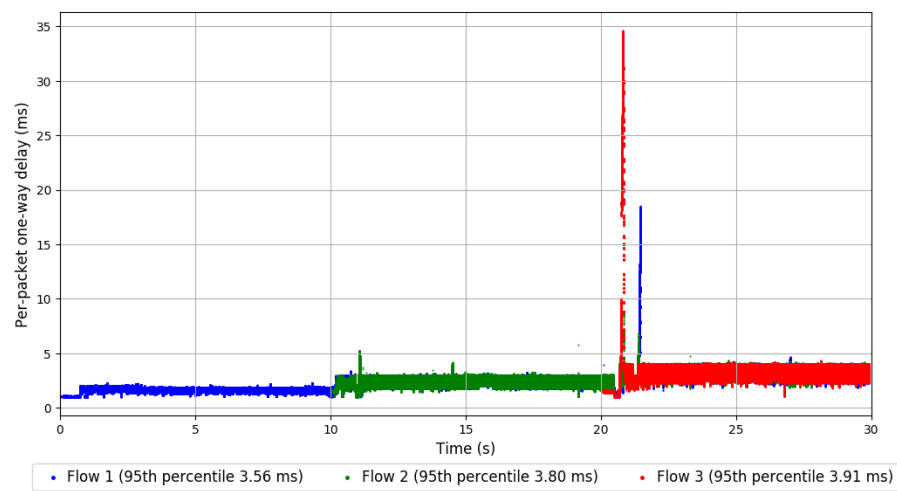
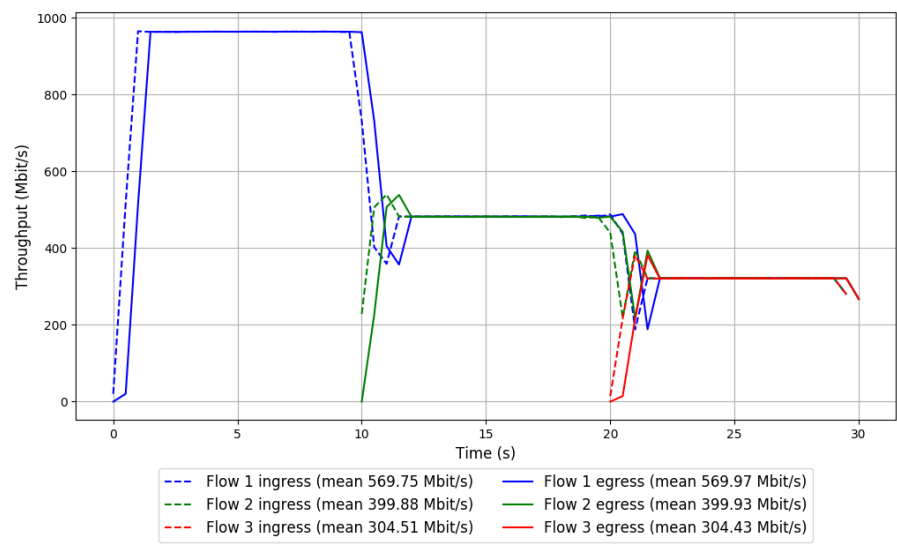


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-02 02:46:18
End at: 2018-08-02 02:46:48
Local clock offset: 3.14 ms
Remote clock offset: -3.251 ms

Below is generated by plot.py at 2018-08-02 06:05:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 936.67 Mbit/s
95th percentile per-packet one-way delay: 3.751 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 569.97 Mbit/s
95th percentile per-packet one-way delay: 3.557 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 399.93 Mbit/s
95th percentile per-packet one-way delay: 3.796 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 304.43 Mbit/s
95th percentile per-packet one-way delay: 3.913 ms
Loss rate: 0.24%

Run 6: Report of FillP-Sheep — Data Link

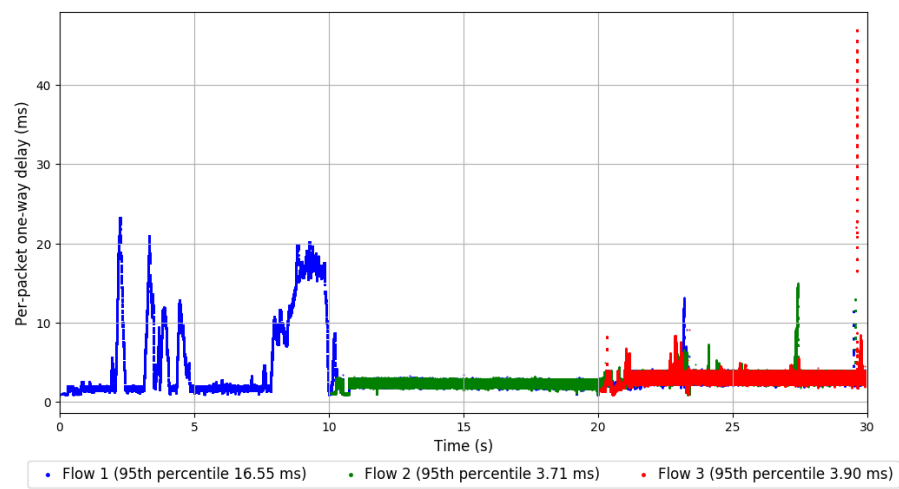
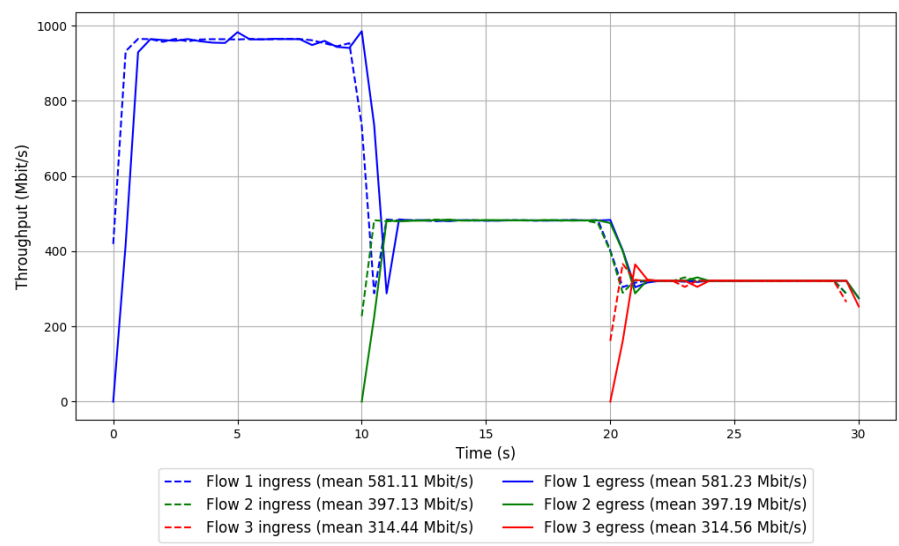


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-02 03:13:15
End at: 2018-08-02 03:13:45
Local clock offset: 3.03 ms
Remote clock offset: -2.977 ms

Below is generated by plot.py at 2018-08-02 06:11:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 949.59 Mbit/s
95th percentile per-packet one-way delay: 13.391 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 581.23 Mbit/s
95th percentile per-packet one-way delay: 16.554 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 397.19 Mbit/s
95th percentile per-packet one-way delay: 3.715 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 314.56 Mbit/s
95th percentile per-packet one-way delay: 3.896 ms
Loss rate: 0.22%

Run 7: Report of FillP-Sheep — Data Link

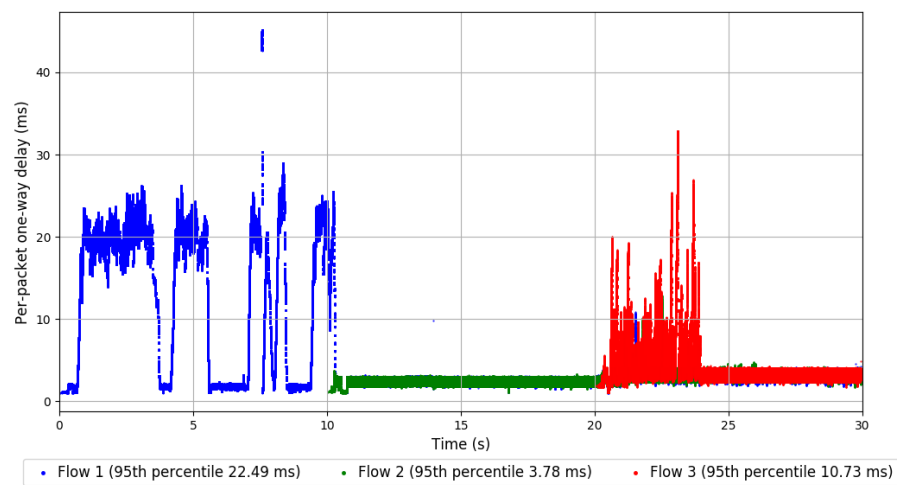
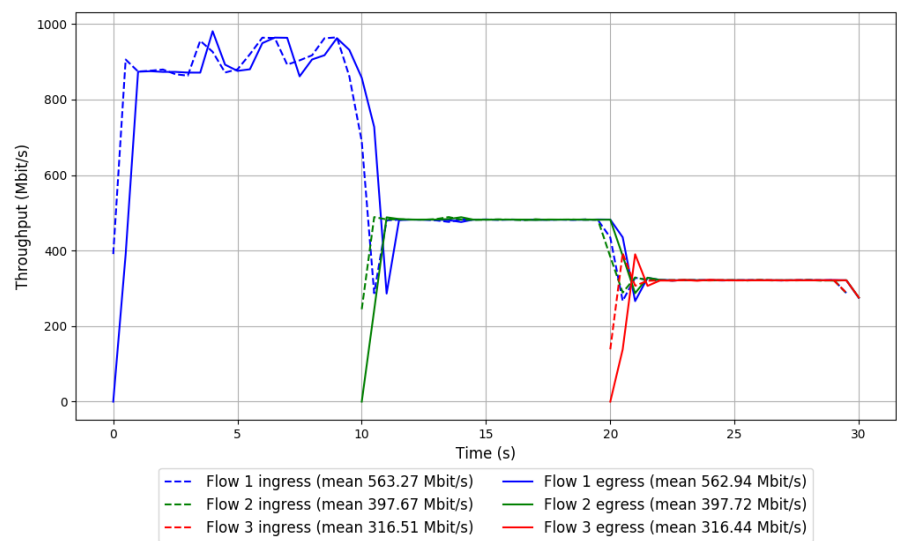


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-02 03:40:20
End at: 2018-08-02 03:40:50
Local clock offset: 3.068 ms
Remote clock offset: -2.898 ms

Below is generated by plot.py at 2018-08-02 06:12:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 931.89 Mbit/s
95th percentile per-packet one-way delay: 21.512 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 562.94 Mbit/s
95th percentile per-packet one-way delay: 22.494 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 397.72 Mbit/s
95th percentile per-packet one-way delay: 3.781 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 316.44 Mbit/s
95th percentile per-packet one-way delay: 10.728 ms
Loss rate: 0.23%

Run 8: Report of FillP-Sheep — Data Link

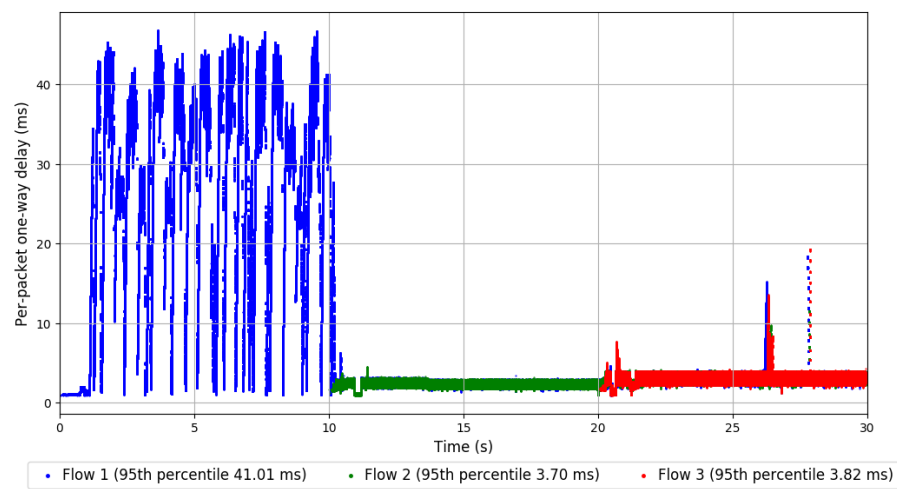
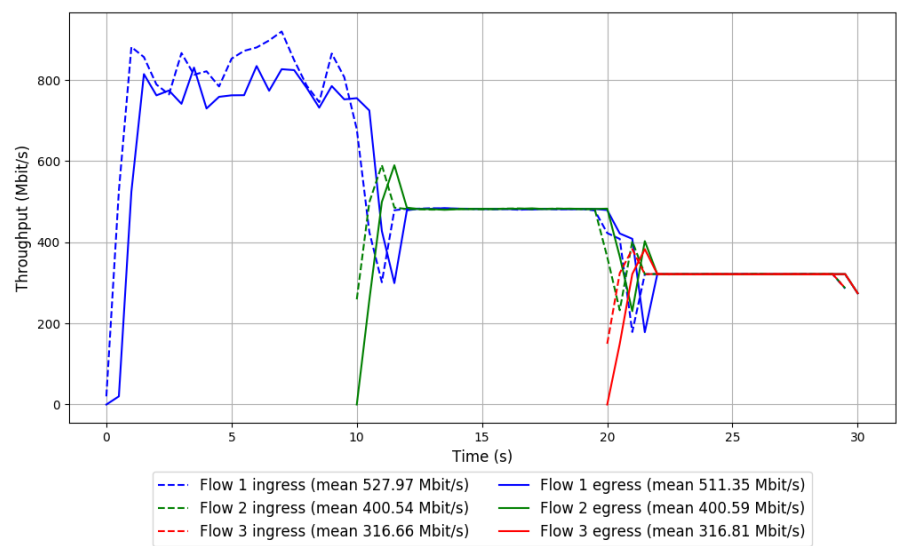


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-02 04:07:23
End at: 2018-08-02 04:07:53
Local clock offset: 3.353 ms
Remote clock offset: -2.771 ms

Below is generated by plot.py at 2018-08-02 06:16:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 882.67 Mbit/s
95th percentile per-packet one-way delay: 39.218 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 511.35 Mbit/s
95th percentile per-packet one-way delay: 41.014 ms
Loss rate: 3.22%
-- Flow 2:
Average throughput: 400.59 Mbit/s
95th percentile per-packet one-way delay: 3.698 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 316.81 Mbit/s
95th percentile per-packet one-way delay: 3.821 ms
Loss rate: 0.23%

Run 9: Report of FillP-Sheep — Data Link

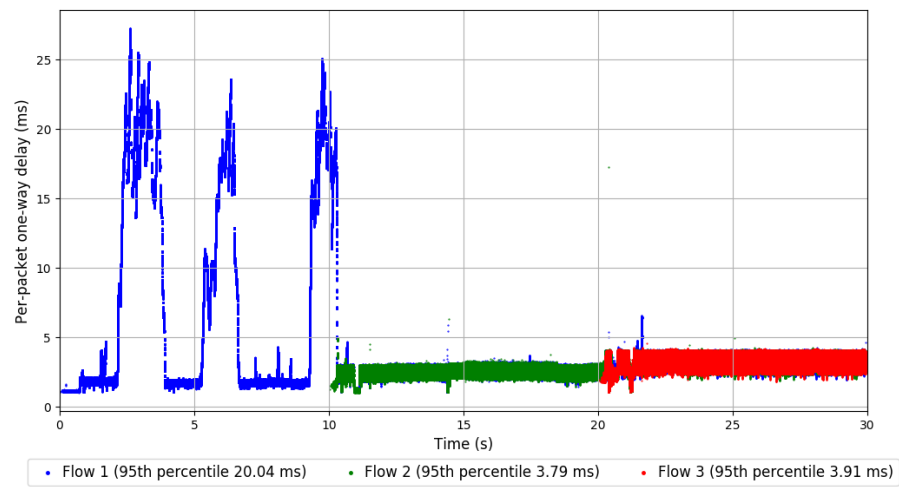
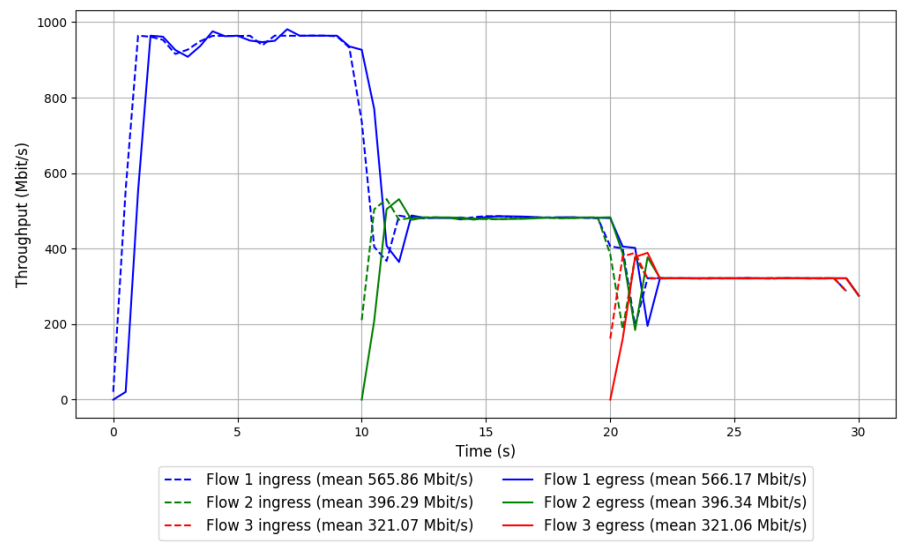


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-02 04:34:14
End at: 2018-08-02 04:34:44
Local clock offset: 3.06 ms
Remote clock offset: -2.858 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 935.76 Mbit/s
95th percentile per-packet one-way delay: 18.207 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 566.17 Mbit/s
95th percentile per-packet one-way delay: 20.040 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 396.34 Mbit/s
95th percentile per-packet one-way delay: 3.791 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 321.06 Mbit/s
95th percentile per-packet one-way delay: 3.907 ms
Loss rate: 0.22%

Run 10: Report of FillP-Sheep — Data Link

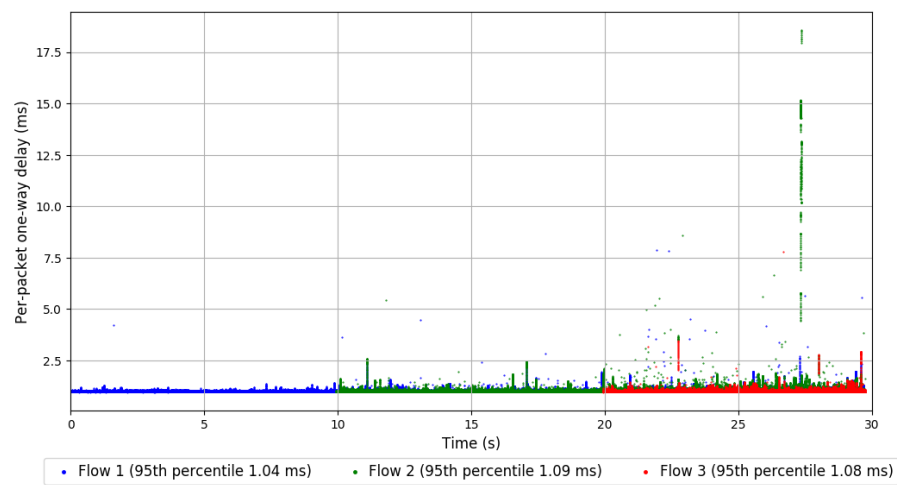
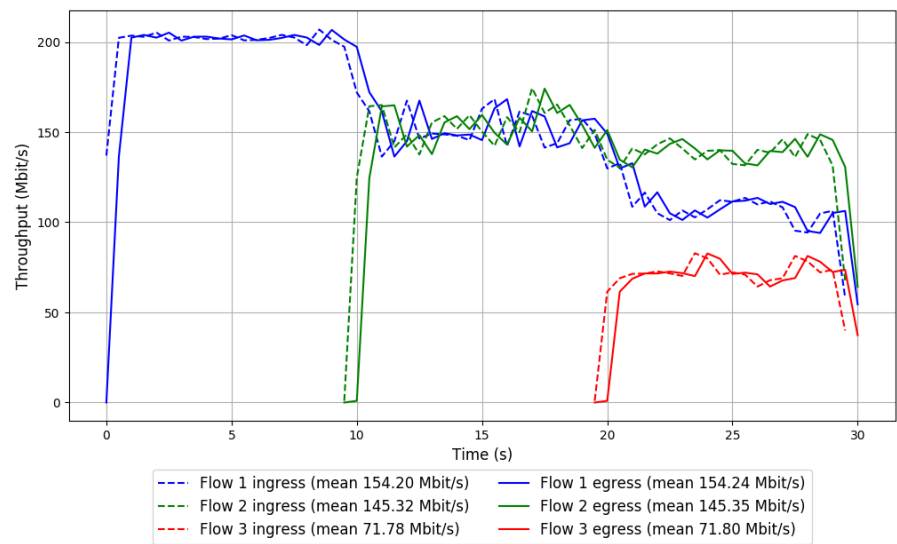


Run 1: Statistics of Indigo

Start at: 2018-08-02 00:20:35
End at: 2018-08-02 00:21:05
Local clock offset: 3.952 ms
Remote clock offset: -2.311 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 274.74 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 154.24 Mbit/s
95th percentile per-packet one-way delay: 1.037 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 145.35 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 71.80 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 0.19%

Run 1: Report of Indigo — Data Link

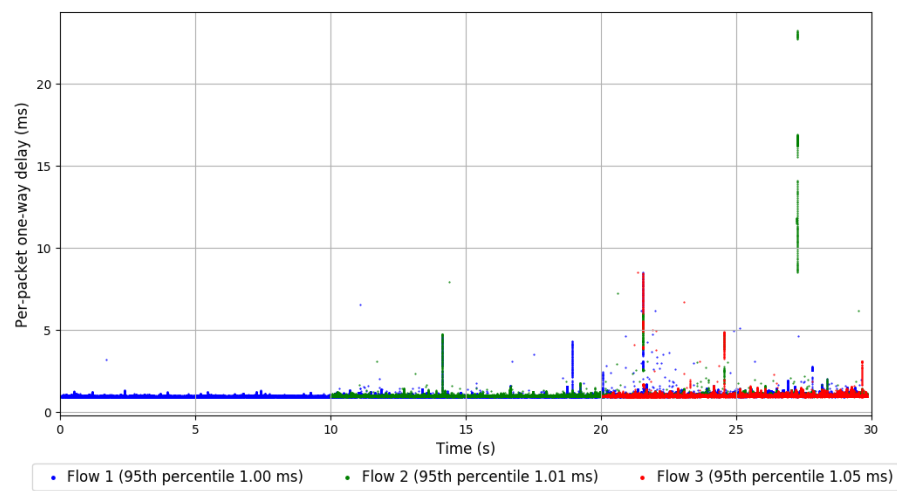
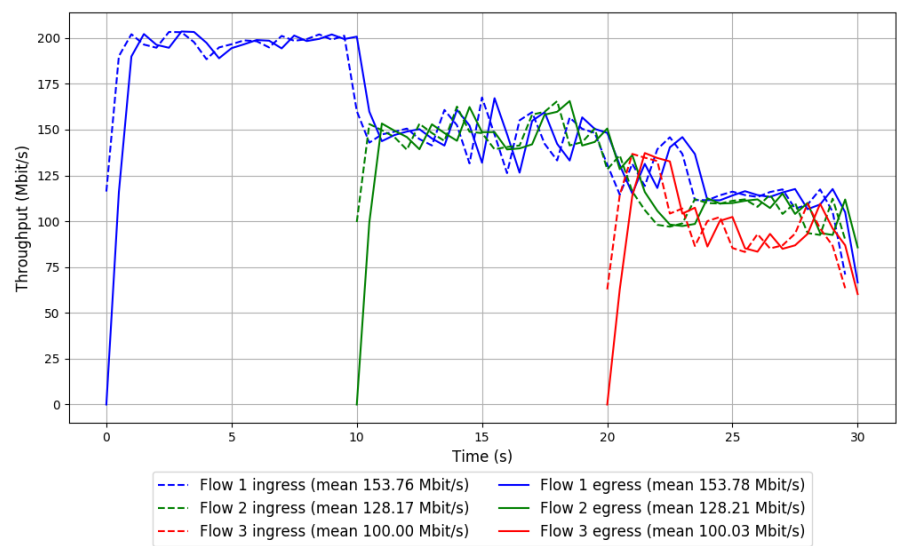


Run 2: Statistics of Indigo

Start at: 2018-08-02 00:47:29
End at: 2018-08-02 00:47:59
Local clock offset: 3.836 ms
Remote clock offset: -2.266 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 271.82 Mbit/s
95th percentile per-packet one-way delay: 1.010 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 153.78 Mbit/s
95th percentile per-packet one-way delay: 1.002 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 128.21 Mbit/s
95th percentile per-packet one-way delay: 1.007 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 100.03 Mbit/s
95th percentile per-packet one-way delay: 1.053 ms
Loss rate: 0.16%

Run 2: Report of Indigo — Data Link

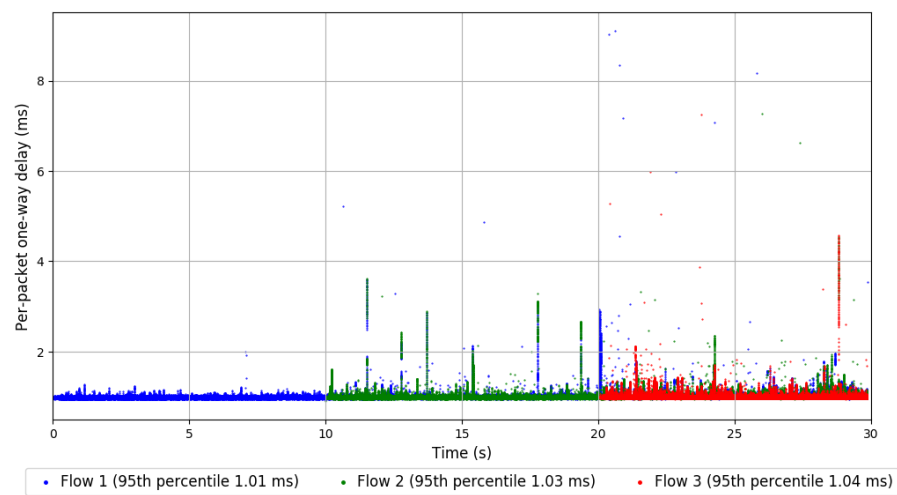
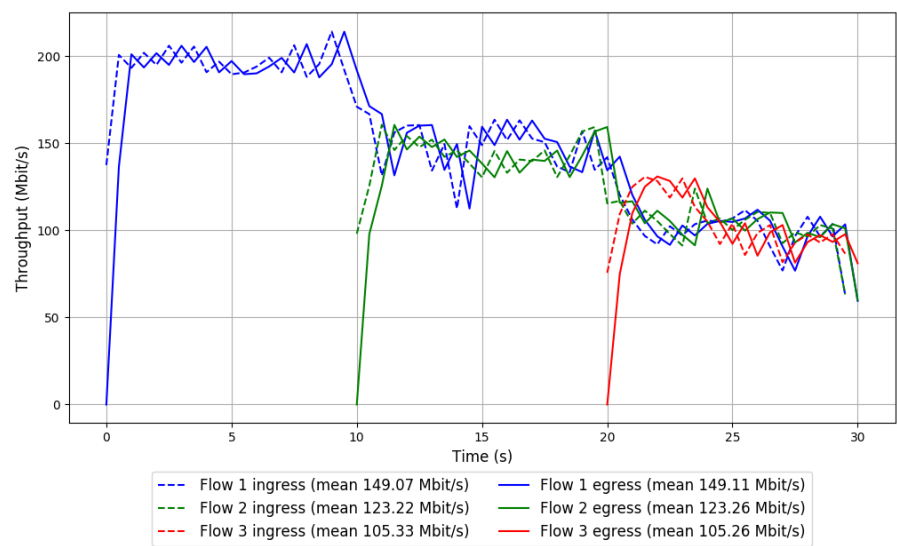


Run 3: Statistics of Indigo

Start at: 2018-08-02 01:14:31
End at: 2018-08-02 01:15:01
Local clock offset: 3.465 ms
Remote clock offset: -2.473 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 265.58 Mbit/s
95th percentile per-packet one-way delay: 1.020 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 149.11 Mbit/s
95th percentile per-packet one-way delay: 1.014 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 123.26 Mbit/s
95th percentile per-packet one-way delay: 1.026 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 105.26 Mbit/s
95th percentile per-packet one-way delay: 1.041 ms
Loss rate: 0.27%

Run 3: Report of Indigo — Data Link

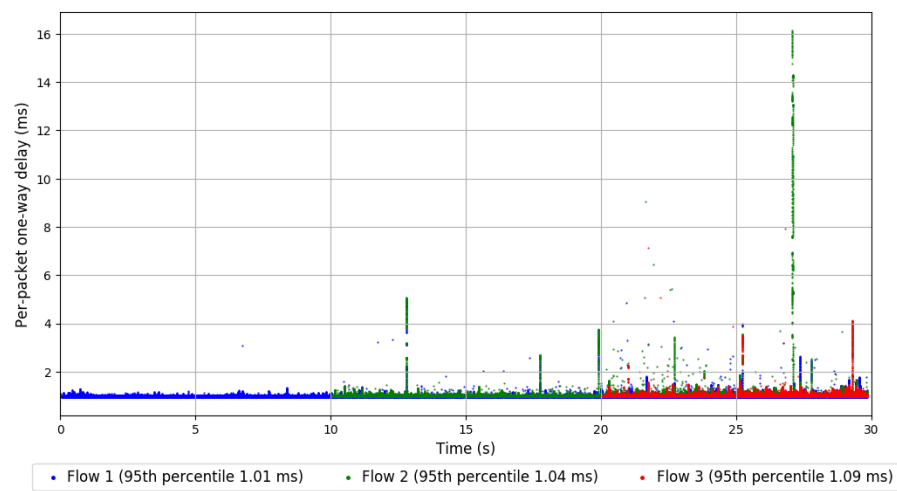
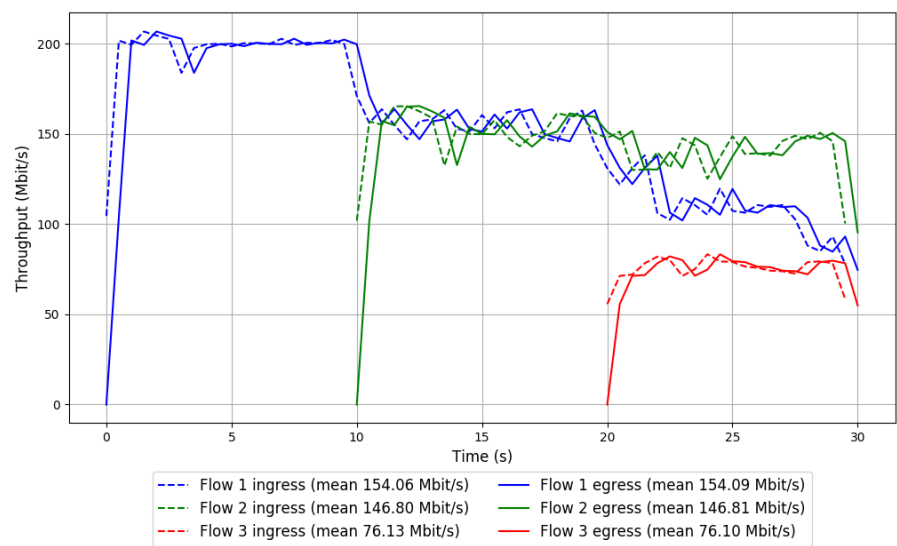


Run 4: Statistics of Indigo

Start at: 2018-08-02 01:41:35
End at: 2018-08-02 01:42:05
Local clock offset: 3.462 ms
Remote clock offset: -2.388 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 276.55 Mbit/s
95th percentile per-packet one-way delay: 1.030 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 154.09 Mbit/s
95th percentile per-packet one-way delay: 1.011 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 146.81 Mbit/s
95th percentile per-packet one-way delay: 1.038 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 76.10 Mbit/s
95th percentile per-packet one-way delay: 1.087 ms
Loss rate: 0.24%

Run 4: Report of Indigo — Data Link

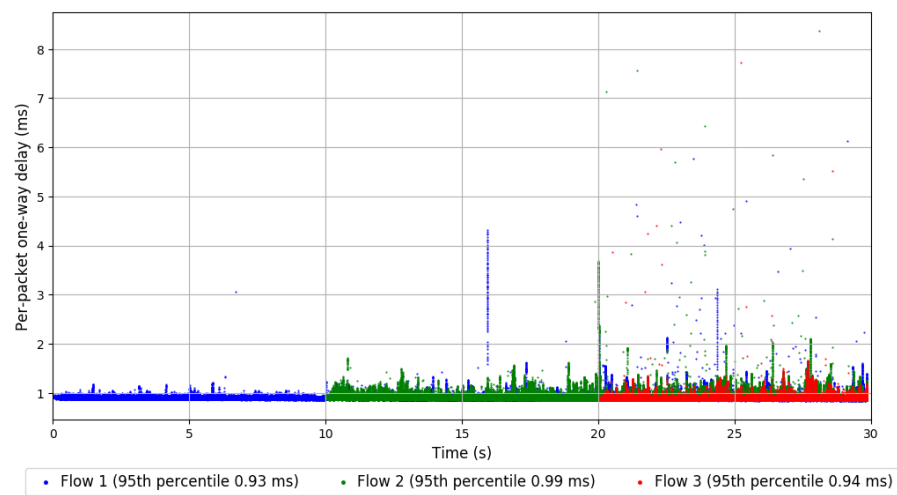
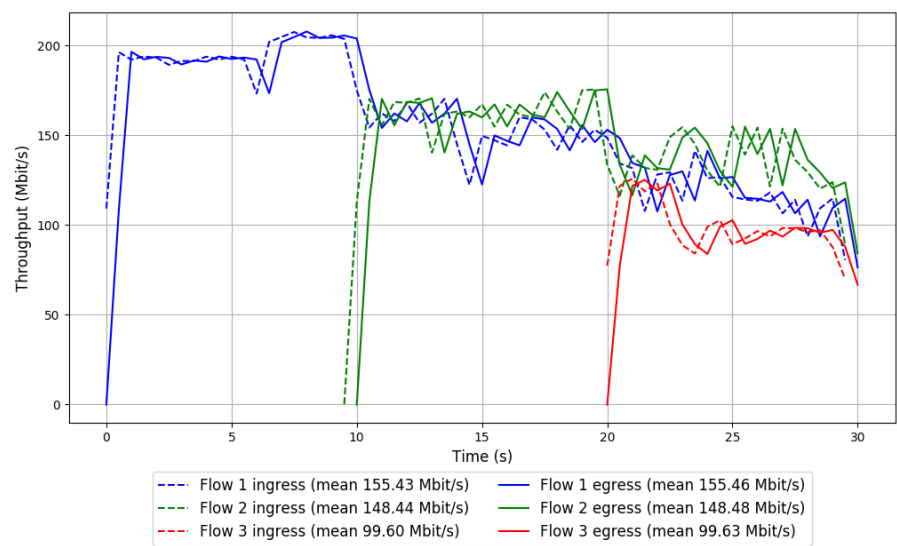


Run 5: Statistics of Indigo

Start at: 2018-08-02 02:08:25
End at: 2018-08-02 02:08:55
Local clock offset: 2.917 ms
Remote clock offset: -2.417 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 286.96 Mbit/s
95th percentile per-packet one-way delay: 0.947 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 155.46 Mbit/s
95th percentile per-packet one-way delay: 0.926 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 148.48 Mbit/s
95th percentile per-packet one-way delay: 0.992 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 99.63 Mbit/s
95th percentile per-packet one-way delay: 0.940 ms
Loss rate: 0.16%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-08-02 02:35:31

End at: 2018-08-02 02:36:01

Local clock offset: 2.92 ms

Remote clock offset: -3.4 ms

Below is generated by plot.py at 2018-08-02 06:17:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 282.11 Mbit/s

95th percentile per-packet one-way delay: 1.048 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 155.44 Mbit/s

95th percentile per-packet one-way delay: 1.034 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 135.18 Mbit/s

95th percentile per-packet one-way delay: 1.033 ms

Loss rate: 0.06%

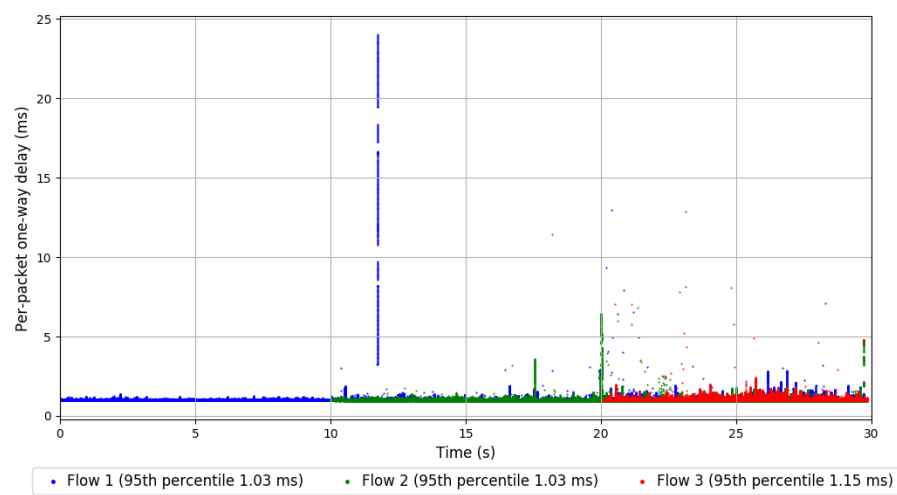
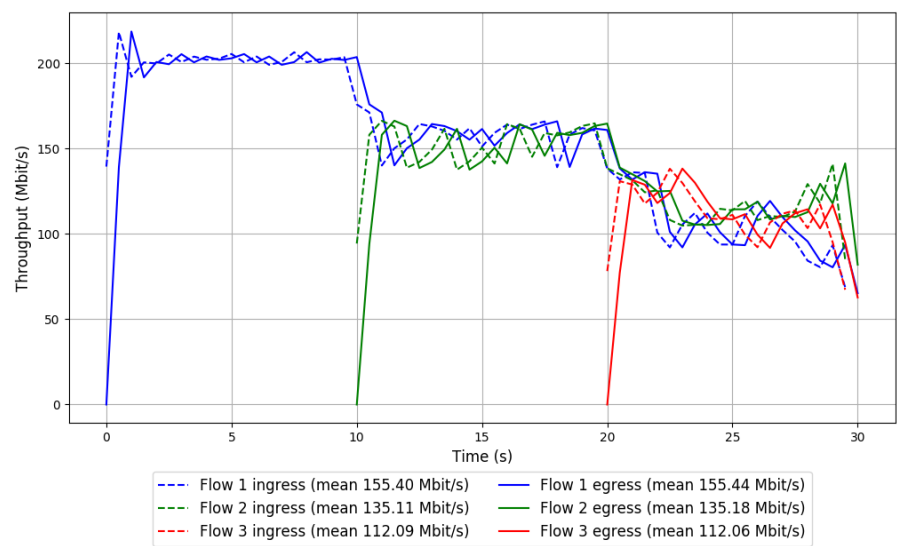
-- Flow 3:

Average throughput: 112.06 Mbit/s

95th percentile per-packet one-way delay: 1.154 ms

Loss rate: 0.23%

Run 6: Report of Indigo — Data Link

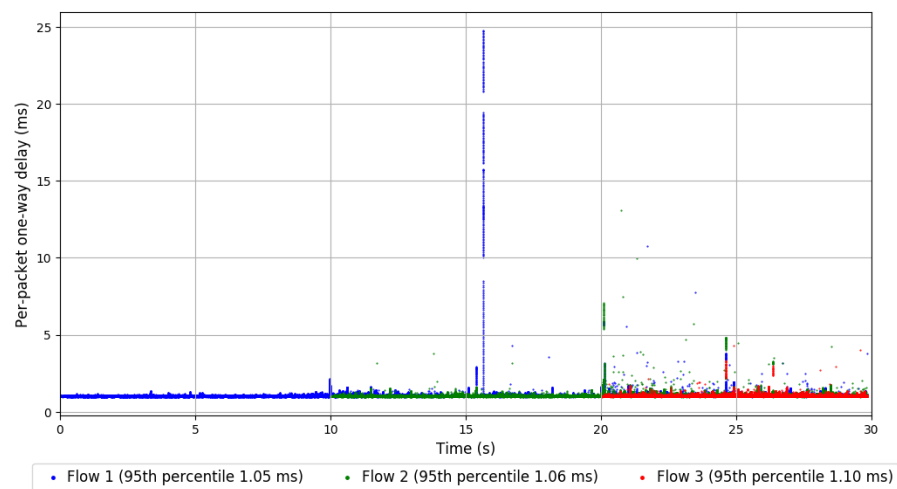
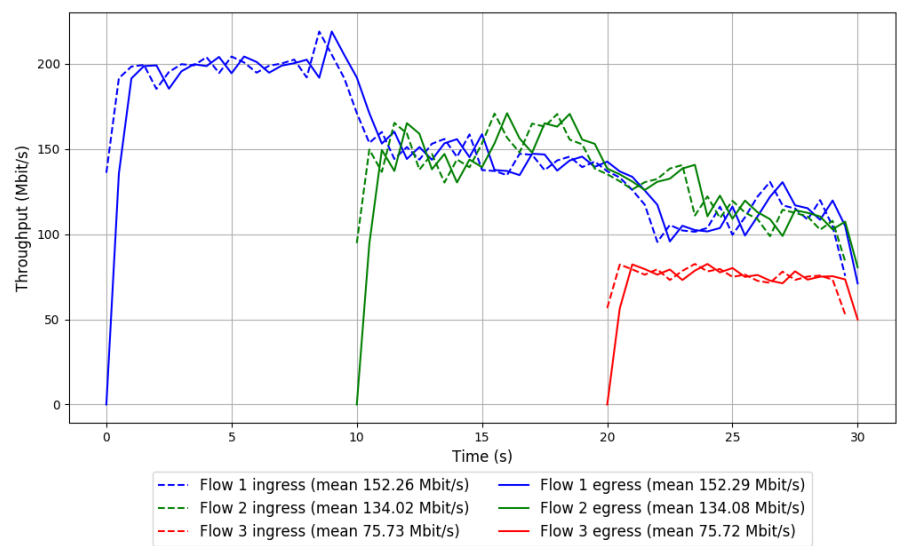


Run 7: Statistics of Indigo

Start at: 2018-08-02 03:02:25
End at: 2018-08-02 03:02:55
Local clock offset: 3.17 ms
Remote clock offset: -2.893 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 266.27 Mbit/s
95th percentile per-packet one-way delay: 1.061 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 152.29 Mbit/s
95th percentile per-packet one-way delay: 1.053 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 134.08 Mbit/s
95th percentile per-packet one-way delay: 1.064 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 75.72 Mbit/s
95th percentile per-packet one-way delay: 1.102 ms
Loss rate: 0.22%

Run 7: Report of Indigo — Data Link

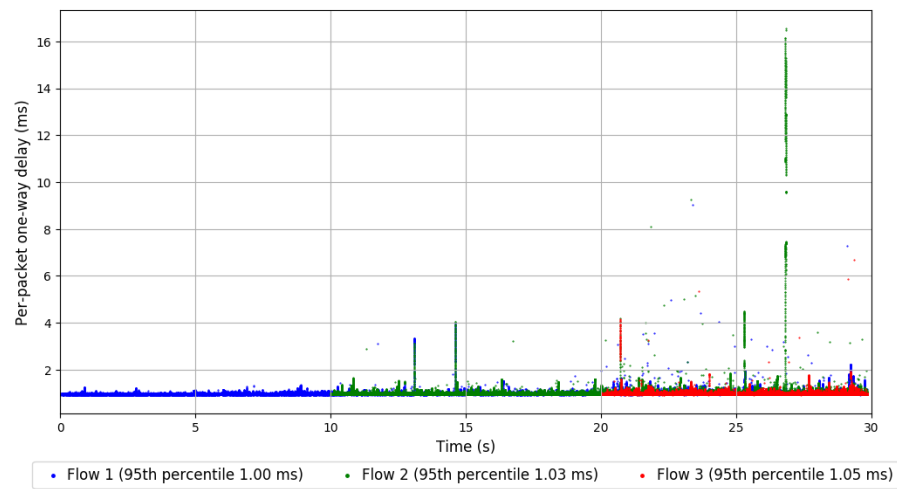
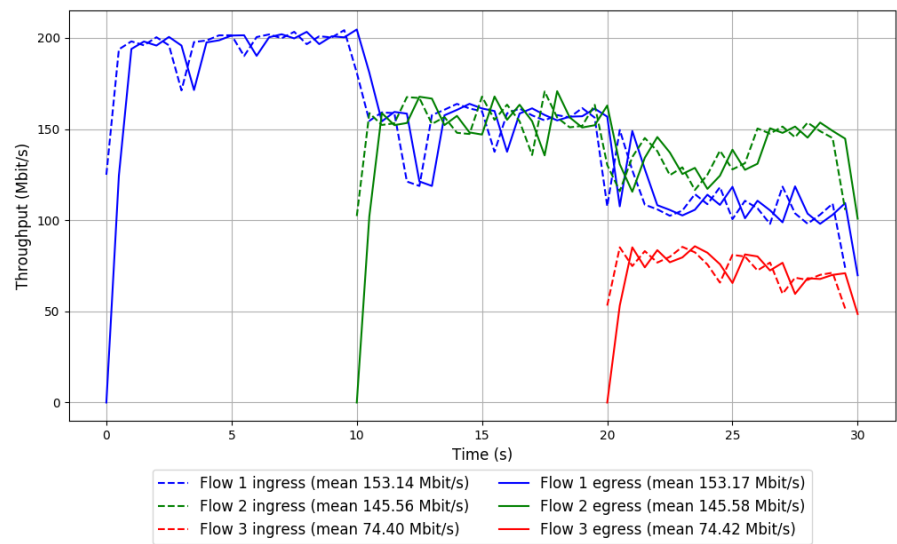


Run 8: Statistics of Indigo

Start at: 2018-08-02 03:29:31
End at: 2018-08-02 03:30:01
Local clock offset: 3.077 ms
Remote clock offset: -2.829 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 274.34 Mbit/s
95th percentile per-packet one-way delay: 1.012 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 153.17 Mbit/s
95th percentile per-packet one-way delay: 0.996 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 145.58 Mbit/s
95th percentile per-packet one-way delay: 1.029 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 1.047 ms
Loss rate: 0.23%

Run 8: Report of Indigo — Data Link

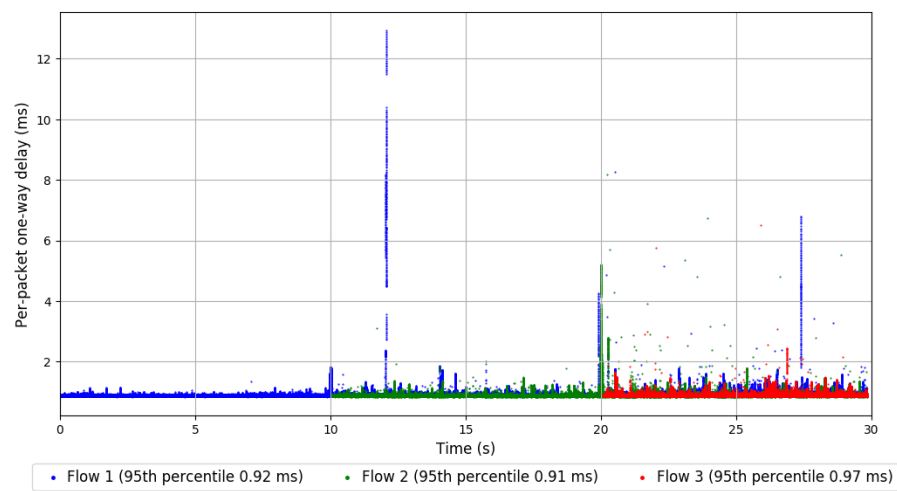
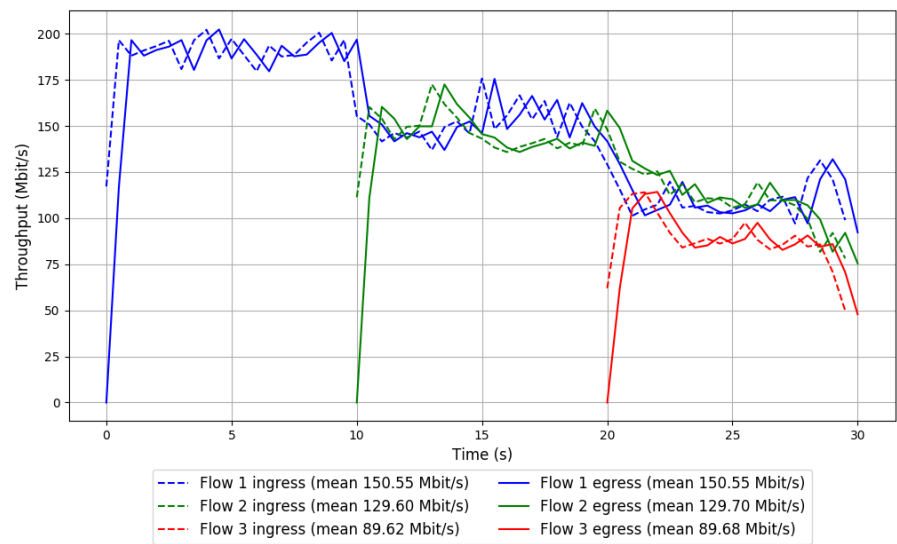


Run 9: Statistics of Indigo

Start at: 2018-08-02 03:56:33
End at: 2018-08-02 03:57:03
Local clock offset: 3.116 ms
Remote clock offset: -2.772 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 266.12 Mbit/s
95th percentile per-packet one-way delay: 0.926 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 150.55 Mbit/s
95th percentile per-packet one-way delay: 0.923 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 129.70 Mbit/s
95th percentile per-packet one-way delay: 0.914 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 0.966 ms
Loss rate: 0.12%

Run 9: Report of Indigo — Data Link

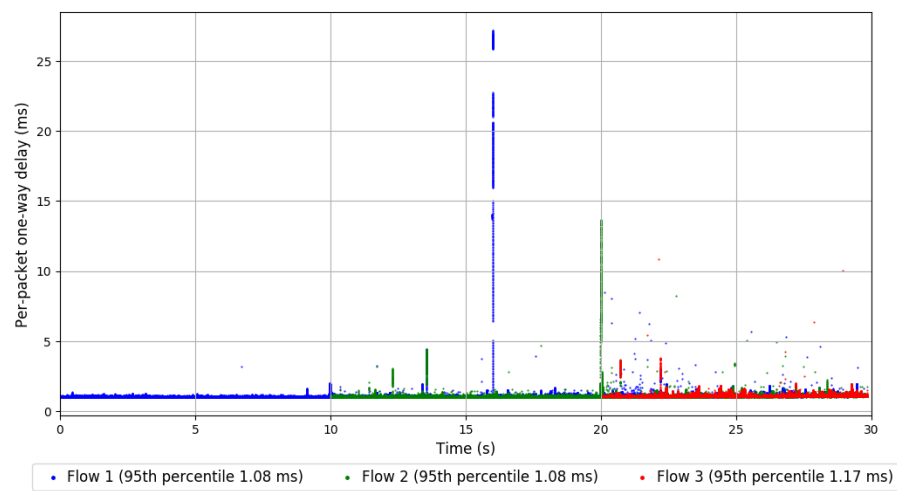
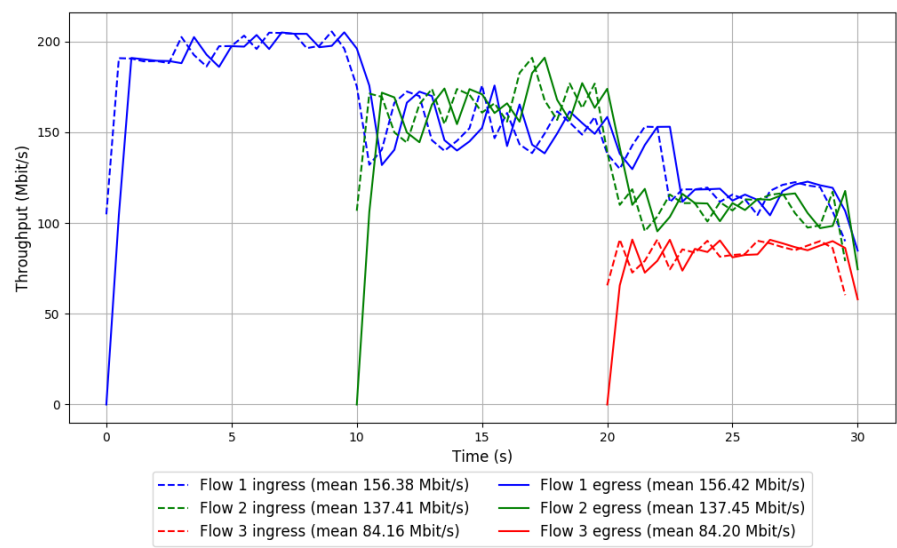


Run 10: Statistics of Indigo

Start at: 2018-08-02 04:23:27
End at: 2018-08-02 04:23:57
Local clock offset: 3.42 ms
Remote clock offset: -2.757 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 275.39 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 156.42 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 137.45 Mbit/s
95th percentile per-packet one-way delay: 1.084 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 84.20 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.14%

Run 10: Report of Indigo — Data Link

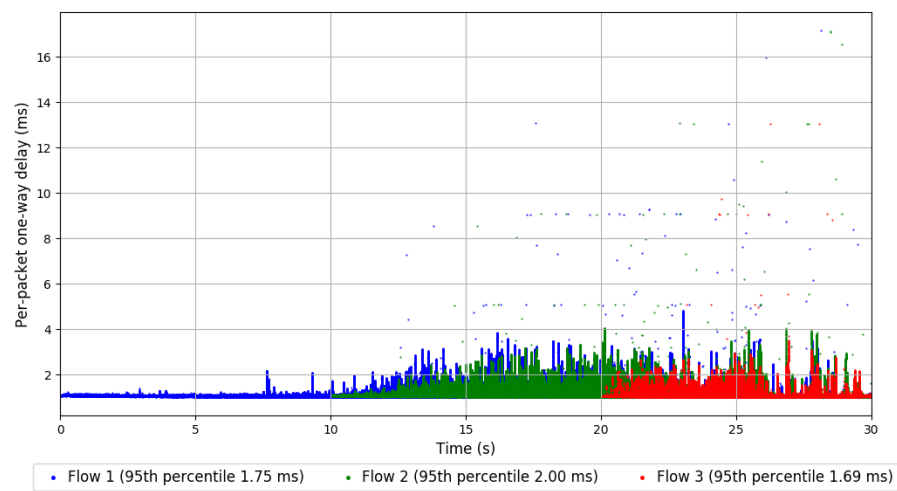
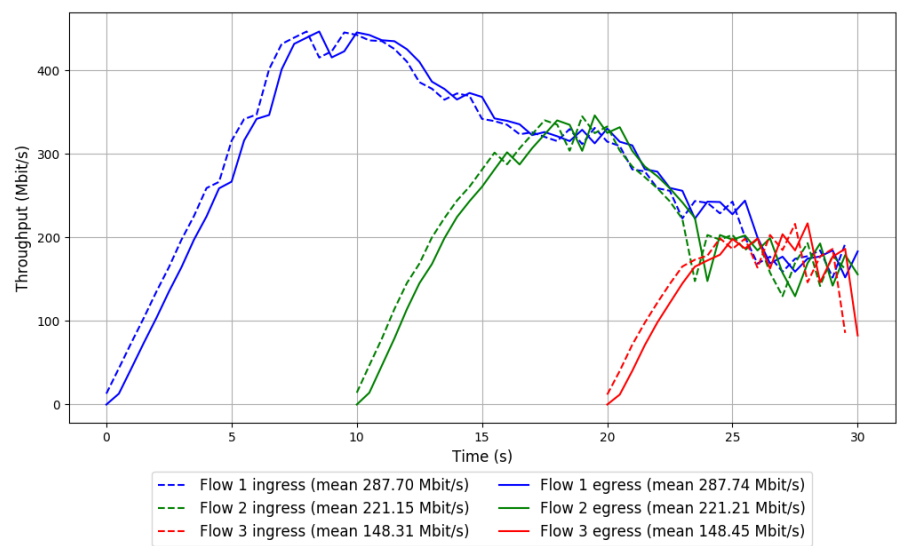


Run 1: Statistics of LEDBAT

Start at: 2018-08-02 00:26:48
End at: 2018-08-02 00:27:18
Local clock offset: 3.892 ms
Remote clock offset: -2.359 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 484.23 Mbit/s
95th percentile per-packet one-way delay: 1.834 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 287.74 Mbit/s
95th percentile per-packet one-way delay: 1.750 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 221.21 Mbit/s
95th percentile per-packet one-way delay: 2.005 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 148.45 Mbit/s
95th percentile per-packet one-way delay: 1.694 ms
Loss rate: 0.11%

Run 1: Report of LEDBAT — Data Link

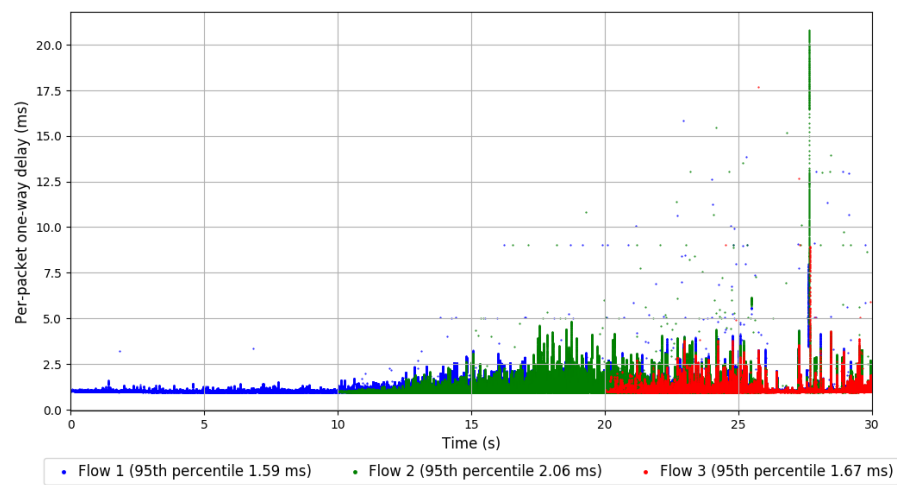
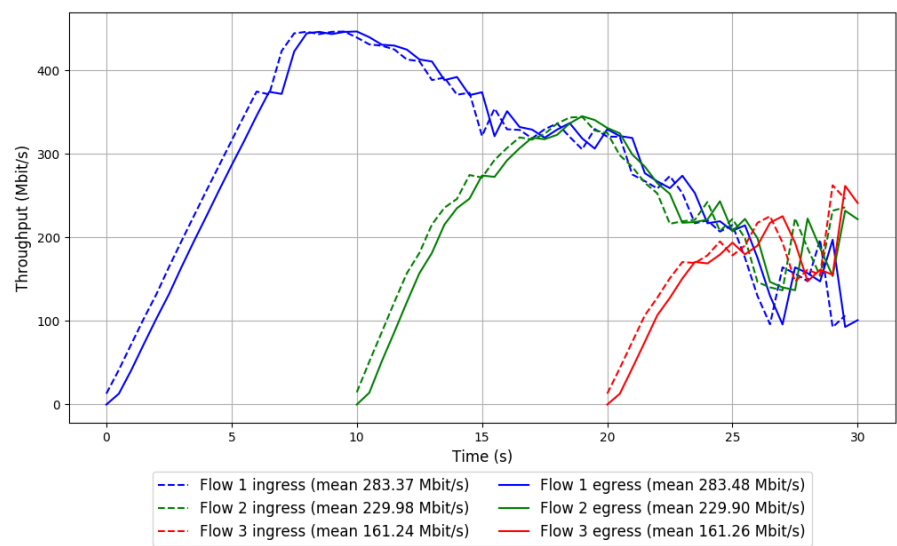


Run 2: Statistics of LEDBAT

Start at: 2018-08-02 00:53:43
End at: 2018-08-02 00:54:13
Local clock offset: 3.812 ms
Remote clock offset: -2.142 ms

Below is generated by plot.py at 2018-08-02 06:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 489.92 Mbit/s
95th percentile per-packet one-way delay: 1.772 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 283.48 Mbit/s
95th percentile per-packet one-way delay: 1.590 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 229.90 Mbit/s
95th percentile per-packet one-way delay: 2.060 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 161.26 Mbit/s
95th percentile per-packet one-way delay: 1.665 ms
Loss rate: 0.18%

Run 2: Report of LEDBAT — Data Link

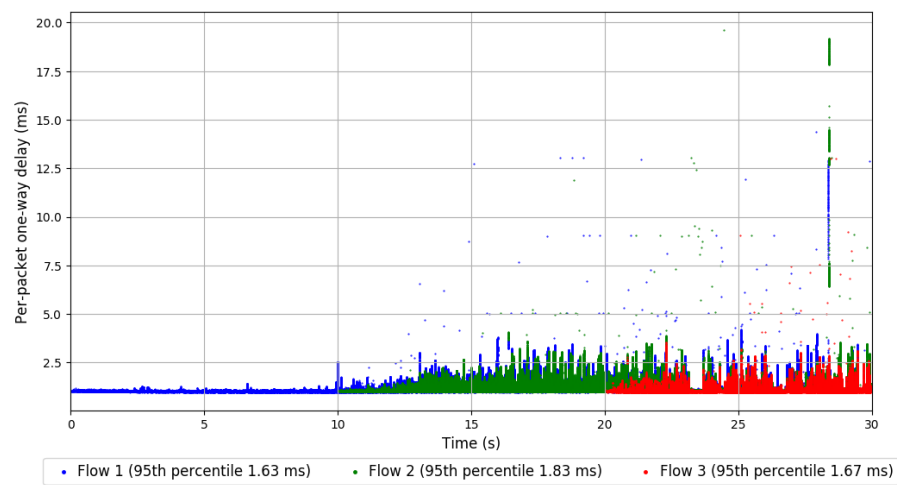
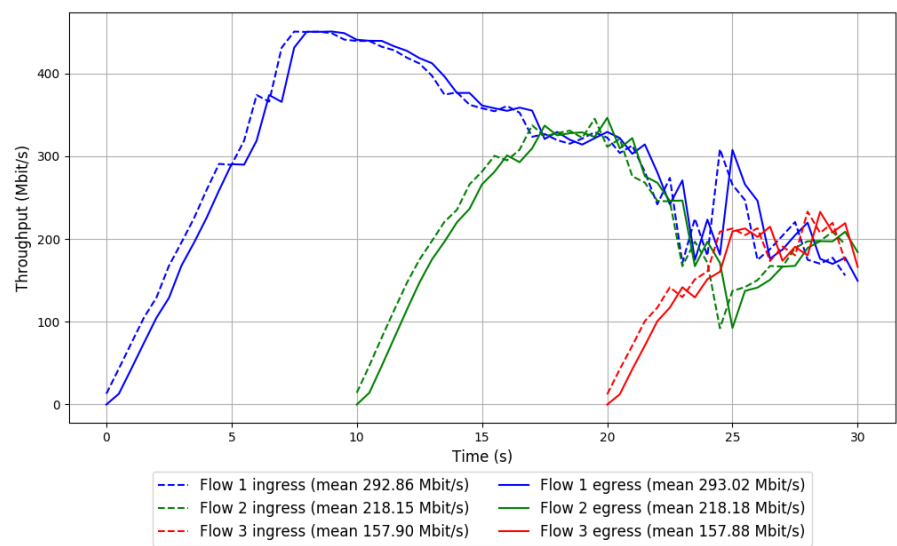


Run 3: Statistics of LEDBAT

Start at: 2018-08-02 01:20:45
End at: 2018-08-02 01:21:15
Local clock offset: 3.387 ms
Remote clock offset: -2.479 ms

Below is generated by plot.py at 2018-08-02 06:17:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 490.58 Mbit/s
95th percentile per-packet one-way delay: 1.699 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 293.02 Mbit/s
95th percentile per-packet one-way delay: 1.629 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 218.18 Mbit/s
95th percentile per-packet one-way delay: 1.831 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 157.88 Mbit/s
95th percentile per-packet one-way delay: 1.674 ms
Loss rate: 0.23%

Run 3: Report of LEDBAT — Data Link

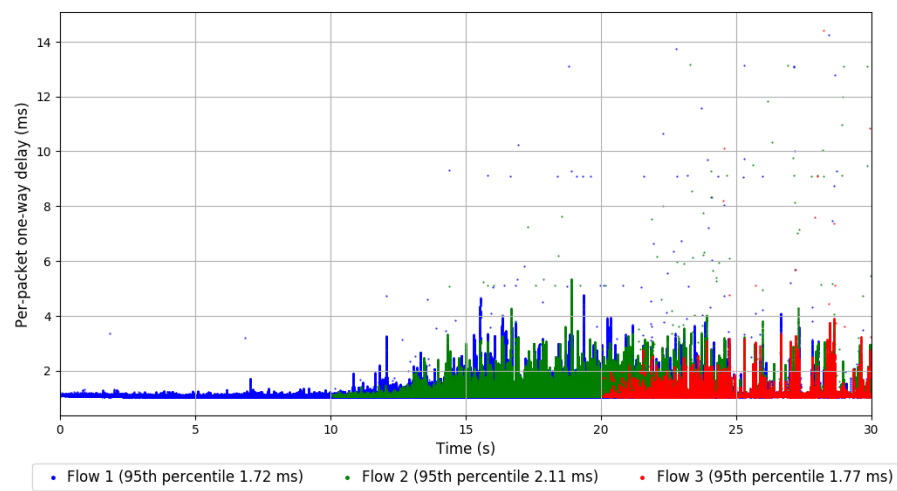
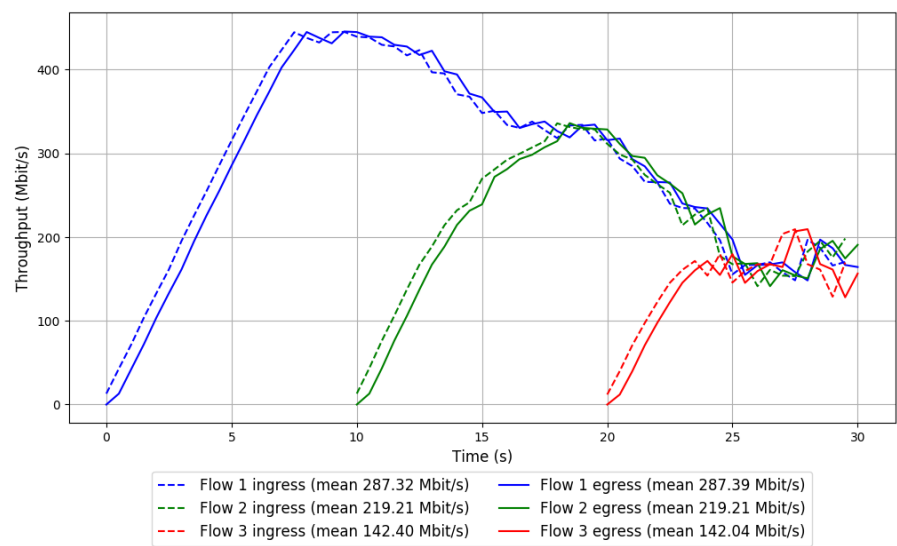


Run 4: Statistics of LEDBAT

Start at: 2018-08-02 01:47:49
End at: 2018-08-02 01:48:19
Local clock offset: 3.394 ms
Remote clock offset: -2.445 ms

Below is generated by plot.py at 2018-08-02 06:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 480.42 Mbit/s
95th percentile per-packet one-way delay: 1.875 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 287.39 Mbit/s
95th percentile per-packet one-way delay: 1.719 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 219.21 Mbit/s
95th percentile per-packet one-way delay: 2.109 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 142.04 Mbit/s
95th percentile per-packet one-way delay: 1.772 ms
Loss rate: 0.50%

Run 4: Report of LEDBAT — Data Link

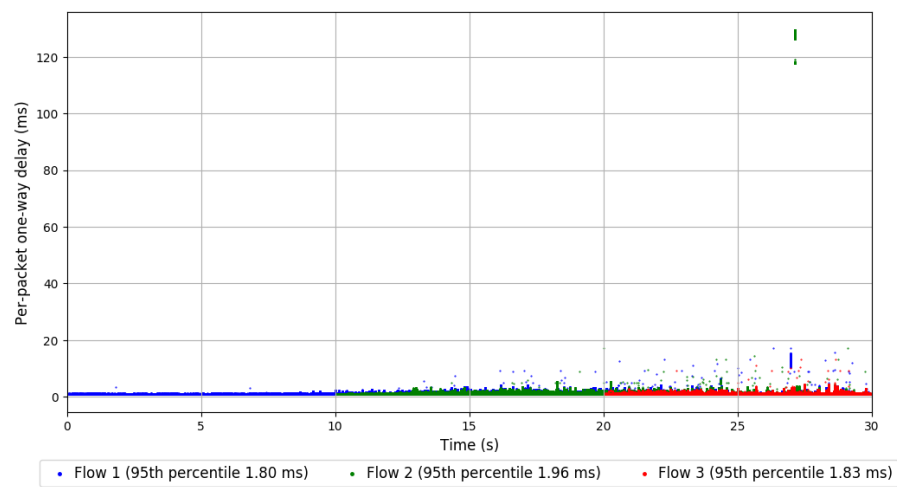
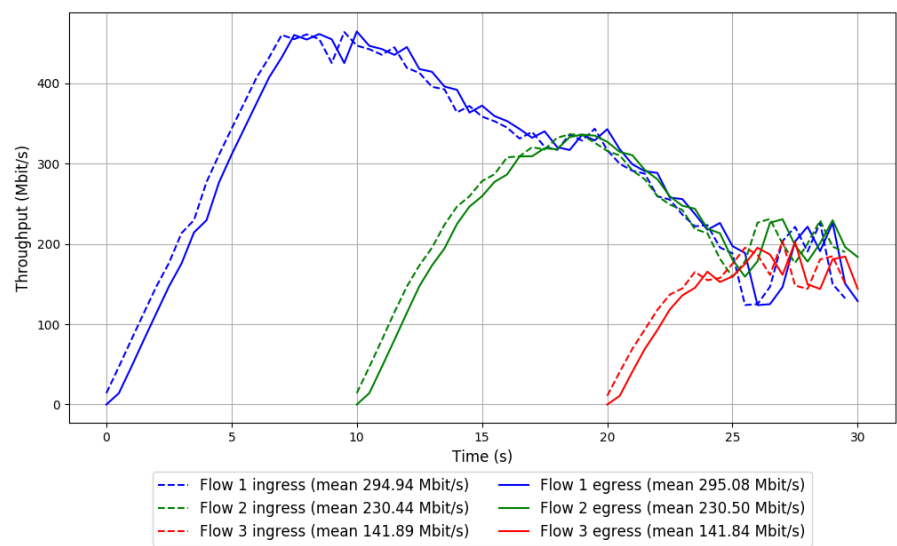


Run 5: Statistics of LEDBAT

Start at: 2018-08-02 02:14:40
End at: 2018-08-02 02:15:10
Local clock offset: 2.886 ms
Remote clock offset: -2.912 ms

Below is generated by plot.py at 2018-08-02 06:19:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 495.49 Mbit/s
95th percentile per-packet one-way delay: 1.857 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 295.08 Mbit/s
95th percentile per-packet one-way delay: 1.800 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 230.50 Mbit/s
95th percentile per-packet one-way delay: 1.960 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 141.84 Mbit/s
95th percentile per-packet one-way delay: 1.826 ms
Loss rate: 0.24%

Run 5: Report of LEDBAT — Data Link

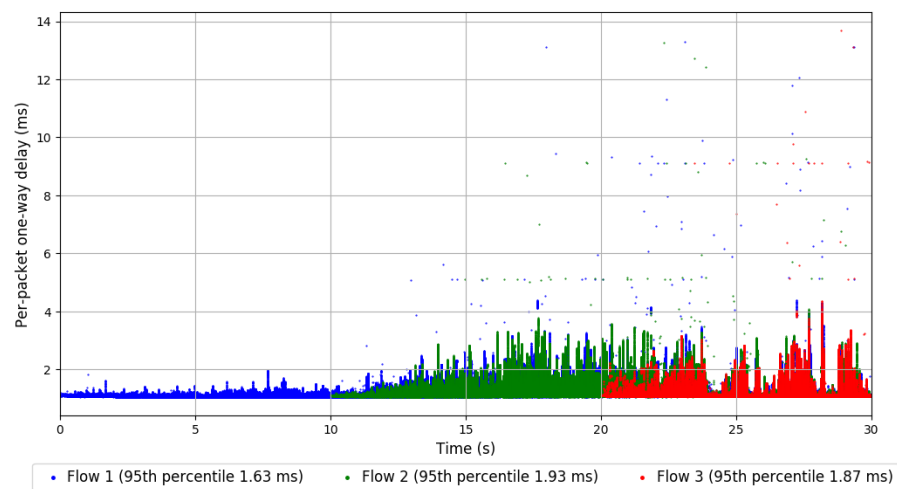
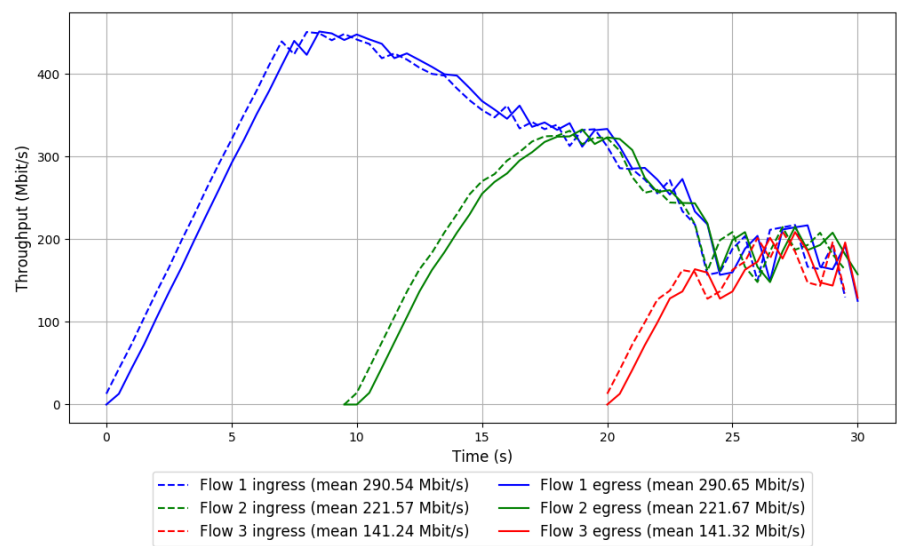


Run 6: Statistics of LEDBAT

Start at: 2018-08-02 02:41:44
End at: 2018-08-02 02:42:14
Local clock offset: 3.047 ms
Remote clock offset: -3.488 ms

Below is generated by plot.py at 2018-08-02 06:19:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 485.19 Mbit/s
95th percentile per-packet one-way delay: 1.753 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 290.65 Mbit/s
95th percentile per-packet one-way delay: 1.630 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 221.67 Mbit/s
95th percentile per-packet one-way delay: 1.932 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 141.32 Mbit/s
95th percentile per-packet one-way delay: 1.872 ms
Loss rate: 0.21%

Run 6: Report of LEDBAT — Data Link

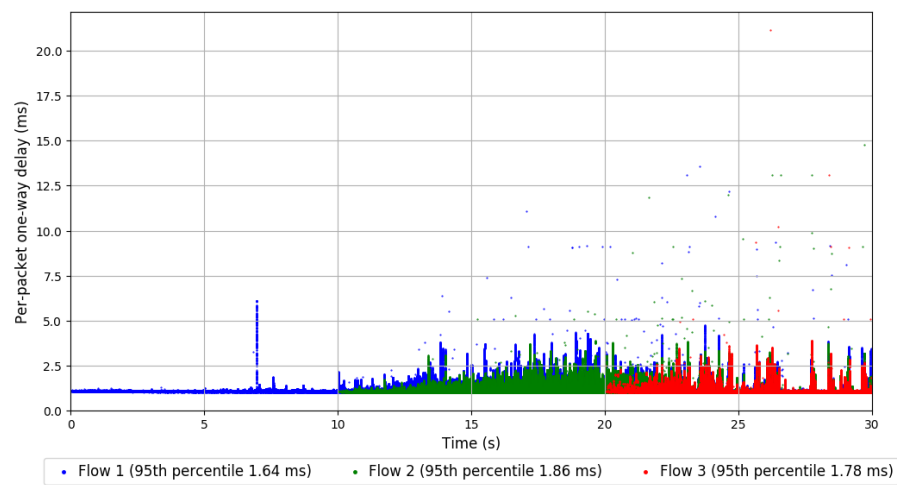
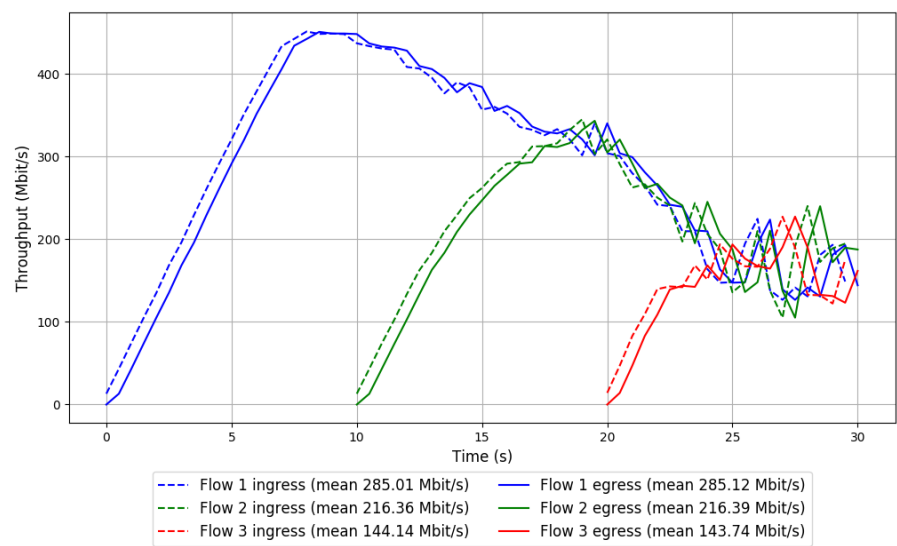


Run 7: Statistics of LEDBAT

Start at: 2018-08-02 03:08:39
End at: 2018-08-02 03:09:09
Local clock offset: 3.116 ms
Remote clock offset: -2.978 ms

```
# Below is generated by plot.py at 2018-08-02 06:22:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 476.84 Mbit/s
95th percentile per-packet one-way delay: 1.737 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 285.12 Mbit/s
95th percentile per-packet one-way delay: 1.644 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 216.39 Mbit/s
95th percentile per-packet one-way delay: 1.859 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 143.74 Mbit/s
95th percentile per-packet one-way delay: 1.782 ms
Loss rate: 0.47%
```

Run 7: Report of LEDBAT — Data Link

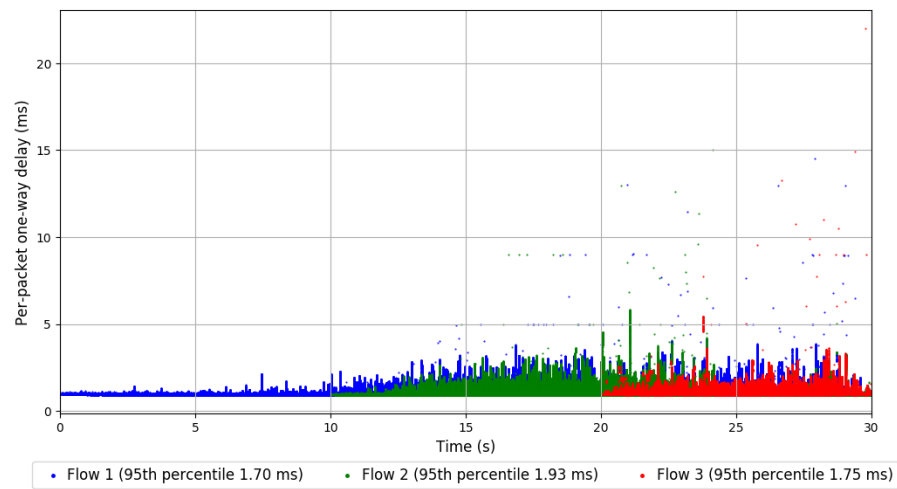
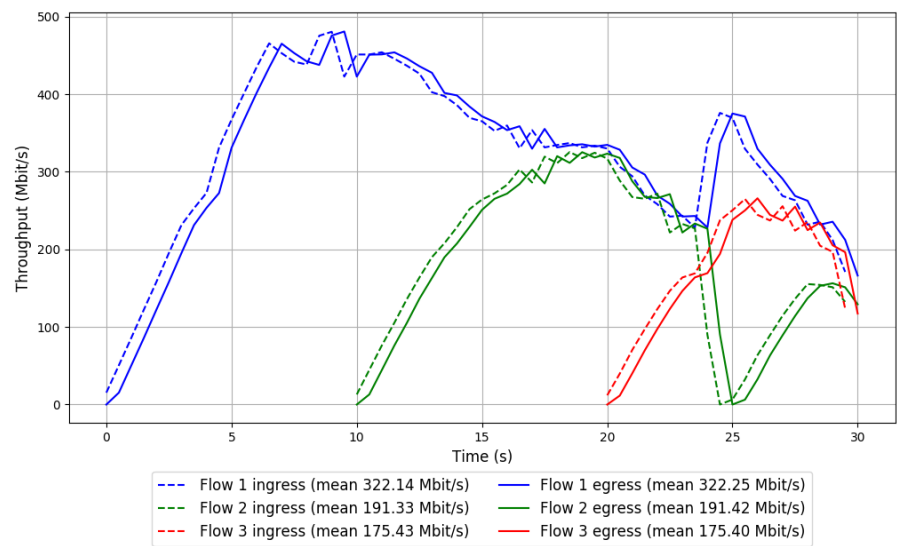


Run 8: Statistics of LEDBAT

Start at: 2018-08-02 03:35:43
End at: 2018-08-02 03:36:13
Local clock offset: 2.991 ms
Remote clock offset: -2.861 ms

Below is generated by plot.py at 2018-08-02 06:22:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 507.87 Mbit/s
95th percentile per-packet one-way delay: 1.769 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 322.25 Mbit/s
95th percentile per-packet one-way delay: 1.699 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 191.42 Mbit/s
95th percentile per-packet one-way delay: 1.929 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 175.40 Mbit/s
95th percentile per-packet one-way delay: 1.746 ms
Loss rate: 0.19%

Run 8: Report of LEDBAT — Data Link

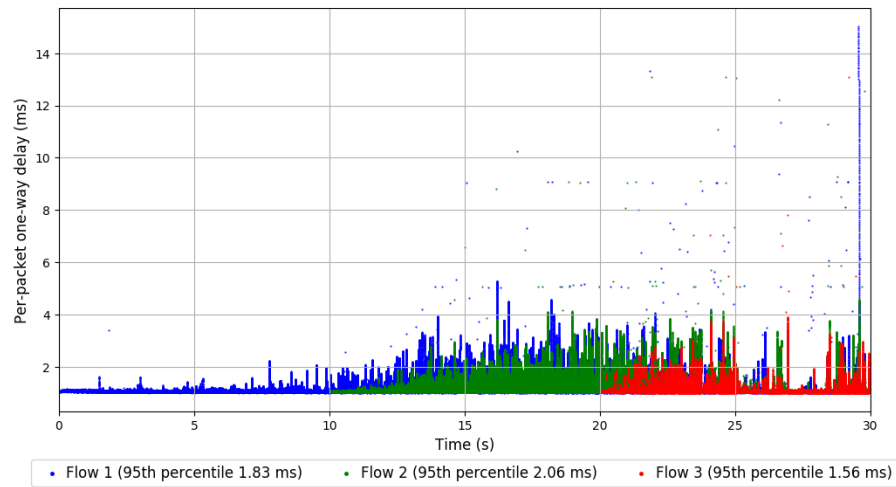
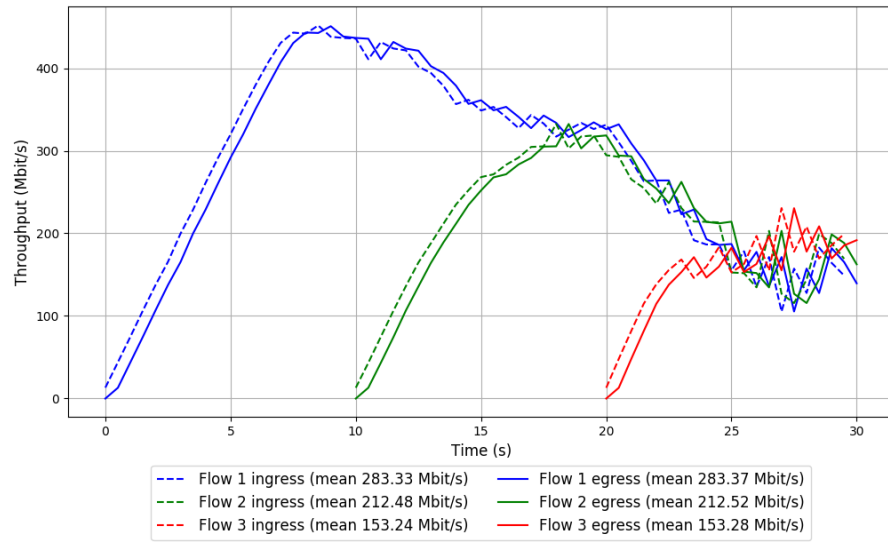


Run 9: Statistics of LEDBAT

Start at: 2018-08-02 04:02:48
End at: 2018-08-02 04:03:18
Local clock offset: 3.284 ms
Remote clock offset: -2.832 ms

Below is generated by plot.py at 2018-08-02 06:22:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 475.56 Mbit/s
95th percentile per-packet one-way delay: 1.878 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 283.37 Mbit/s
95th percentile per-packet one-way delay: 1.826 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 212.52 Mbit/s
95th percentile per-packet one-way delay: 2.060 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 153.28 Mbit/s
95th percentile per-packet one-way delay: 1.564 ms
Loss rate: 0.26%

Run 9: Report of LEDBAT — Data Link

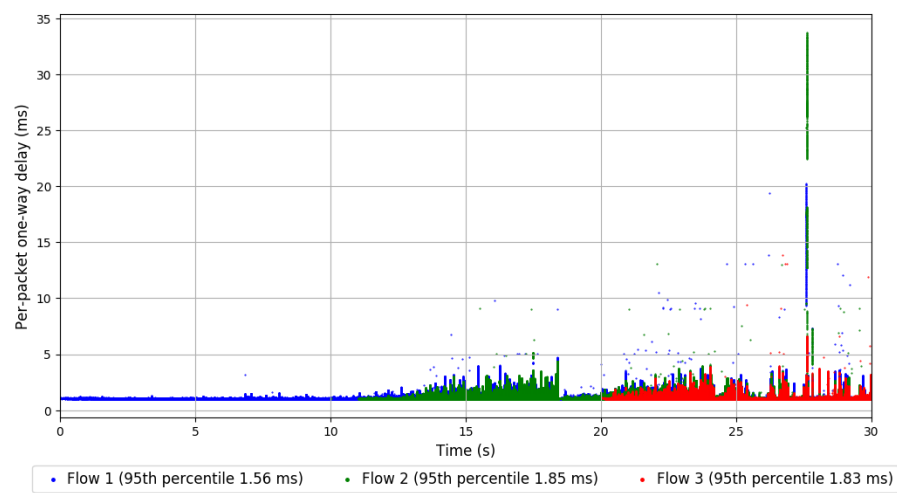
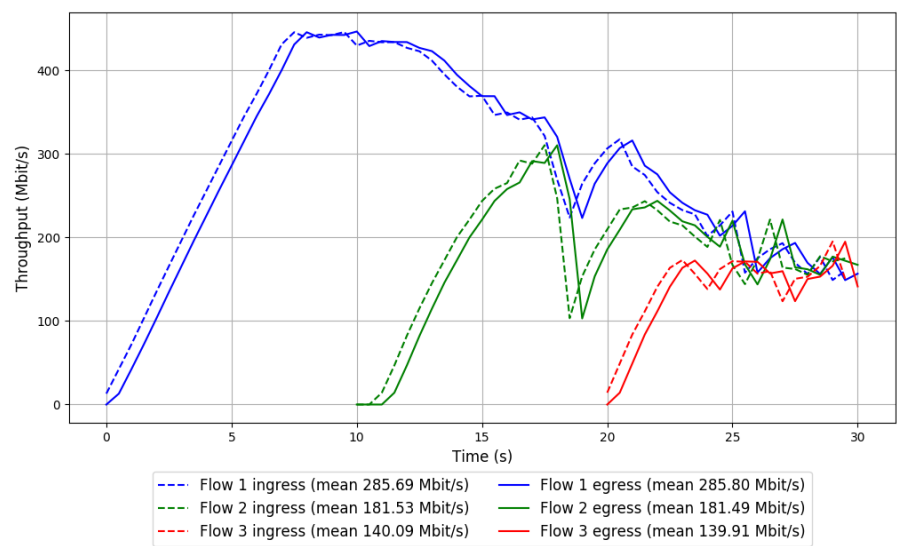


Run 10: Statistics of LEDBAT

Start at: 2018-08-02 04:29:41
End at: 2018-08-02 04:30:11
Local clock offset: 3.158 ms
Remote clock offset: -2.788 ms

Below is generated by plot.py at 2018-08-02 06:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 453.03 Mbit/s
95th percentile per-packet one-way delay: 1.681 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 285.80 Mbit/s
95th percentile per-packet one-way delay: 1.565 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 181.49 Mbit/s
95th percentile per-packet one-way delay: 1.850 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 139.91 Mbit/s
95th percentile per-packet one-way delay: 1.829 ms
Loss rate: 0.35%

Run 10: Report of LEDBAT — Data Link

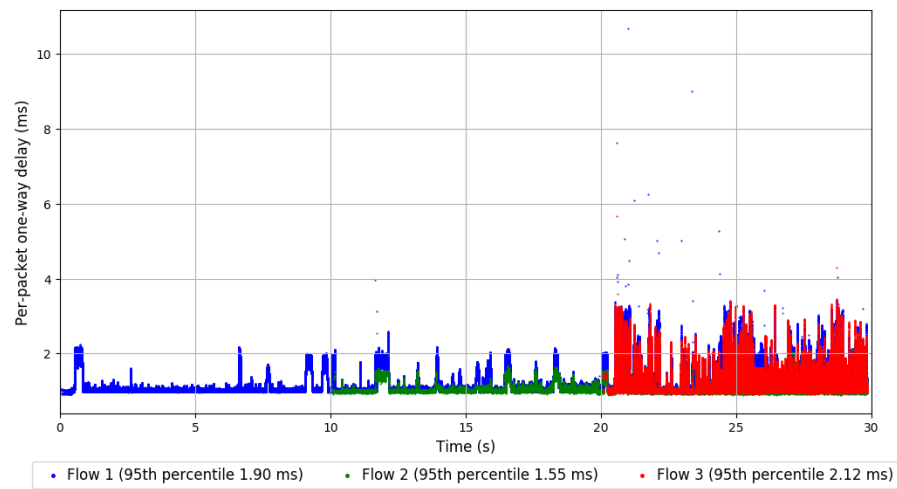
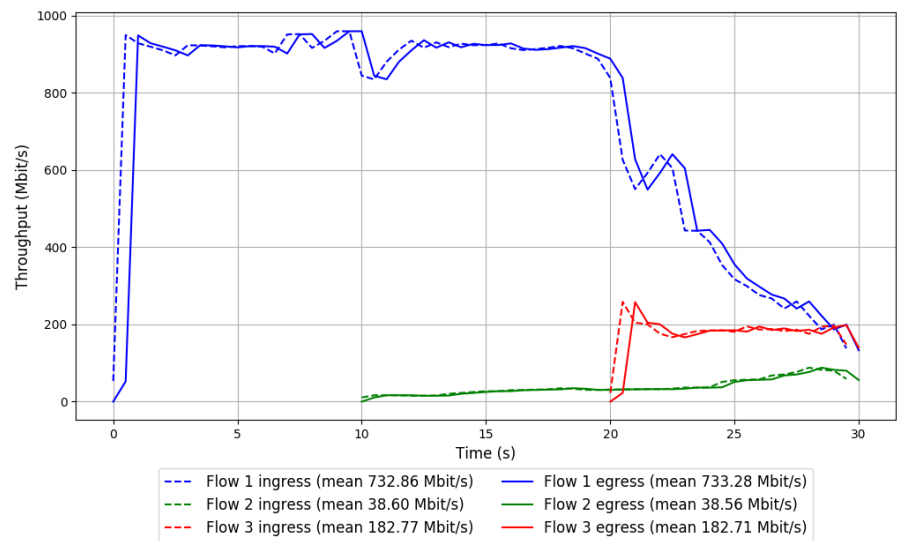


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-02 00:36:02
End at: 2018-08-02 00:36:32
Local clock offset: 3.754 ms
Remote clock offset: -2.512 ms

# Below is generated by plot.py at 2018-08-02 06:26:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 818.93 Mbit/s
95th percentile per-packet one-way delay: 1.902 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 733.28 Mbit/s
95th percentile per-packet one-way delay: 1.901 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 38.56 Mbit/s
95th percentile per-packet one-way delay: 1.553 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 182.71 Mbit/s
95th percentile per-packet one-way delay: 2.121 ms
Loss rate: 0.25%
```

Run 1: Report of PCC-Allegro — Data Link

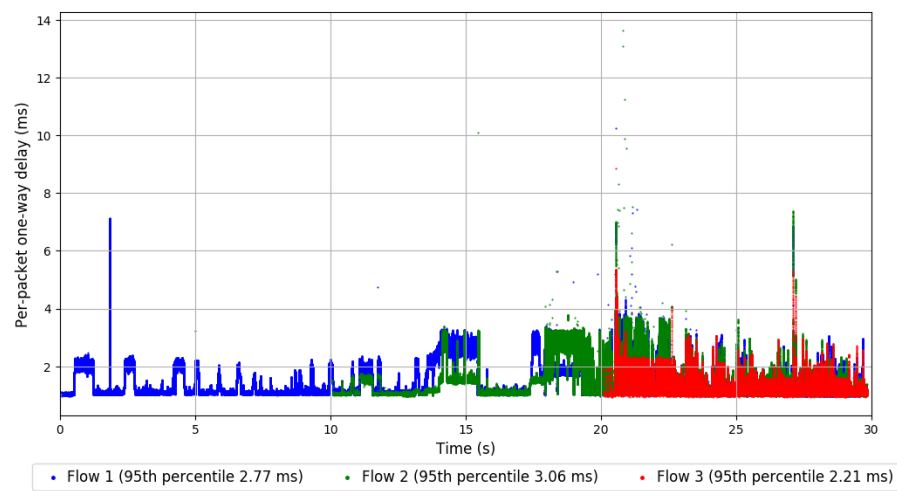
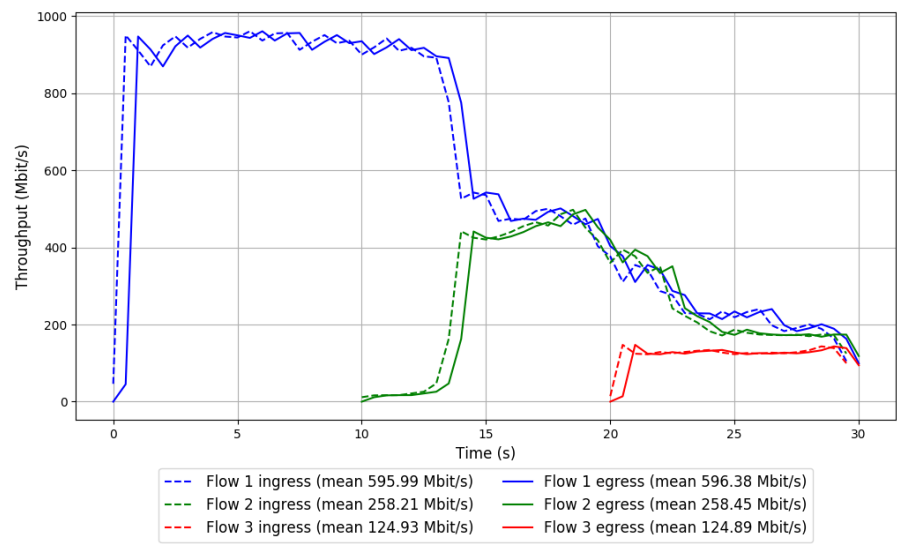


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-02 01:02:55
End at: 2018-08-02 01:03:25
Local clock offset: 3.623 ms
Remote clock offset: -2.377 ms

Below is generated by plot.py at 2018-08-02 06:27:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 808.93 Mbit/s
95th percentile per-packet one-way delay: 2.869 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 596.38 Mbit/s
95th percentile per-packet one-way delay: 2.769 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 258.45 Mbit/s
95th percentile per-packet one-way delay: 3.059 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 124.89 Mbit/s
95th percentile per-packet one-way delay: 2.205 ms
Loss rate: 0.23%

Run 2: Report of PCC-Allegro — Data Link

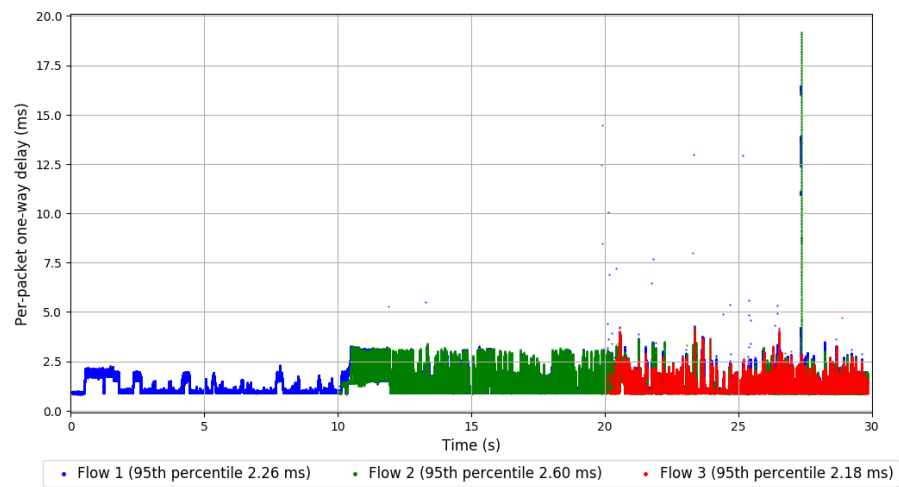
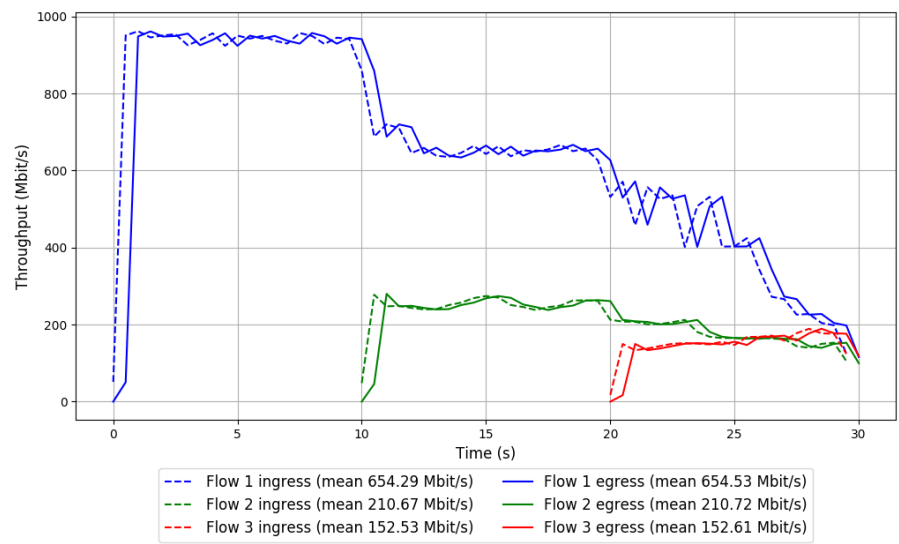


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-02 01:30:00
End at: 2018-08-02 01:30:30
Local clock offset: 3.395 ms
Remote clock offset: -2.427 ms

Below is generated by plot.py at 2018-08-02 06:29:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 844.64 Mbit/s
95th percentile per-packet one-way delay: 2.322 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 654.53 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 210.72 Mbit/s
95th percentile per-packet one-way delay: 2.601 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 152.61 Mbit/s
95th percentile per-packet one-way delay: 2.177 ms
Loss rate: 0.20%

Run 3: Report of PCC-Allegro — Data Link

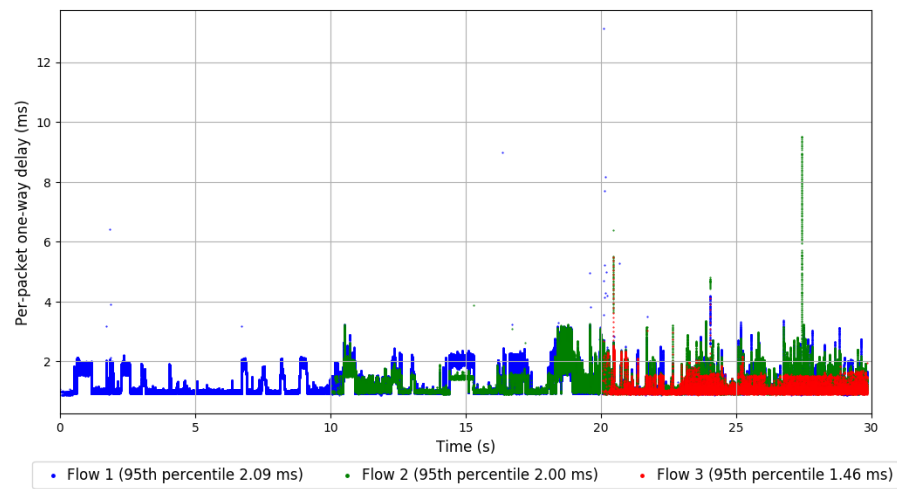
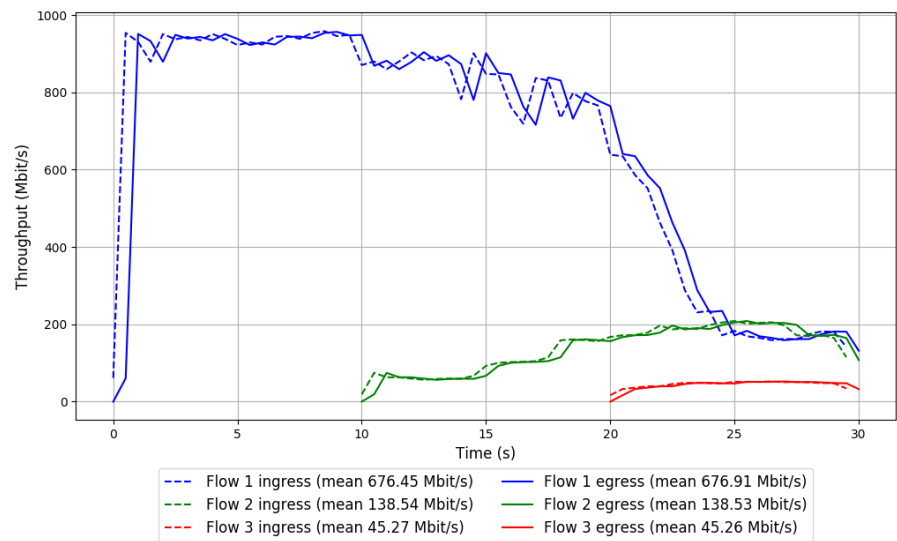


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-02 01:56:56
End at: 2018-08-02 01:57:26
Local clock offset: 3.133 ms
Remote clock offset: -2.386 ms

Below is generated by plot.py at 2018-08-02 06:29:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 783.58 Mbit/s
95th percentile per-packet one-way delay: 2.088 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 676.91 Mbit/s
95th percentile per-packet one-way delay: 2.094 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 138.53 Mbit/s
95th percentile per-packet one-way delay: 1.995 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 45.26 Mbit/s
95th percentile per-packet one-way delay: 1.458 ms
Loss rate: 0.21%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-02 02:23:52

End at: 2018-08-02 02:24:22

Local clock offset: 2.767 ms

Remote clock offset: -3.18 ms

Below is generated by plot.py at 2018-08-02 06:30:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 782.92 Mbit/s

95th percentile per-packet one-way delay: 2.042 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 691.52 Mbit/s

95th percentile per-packet one-way delay: 2.054 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 102.06 Mbit/s

95th percentile per-packet one-way delay: 1.628 ms

Loss rate: 0.16%

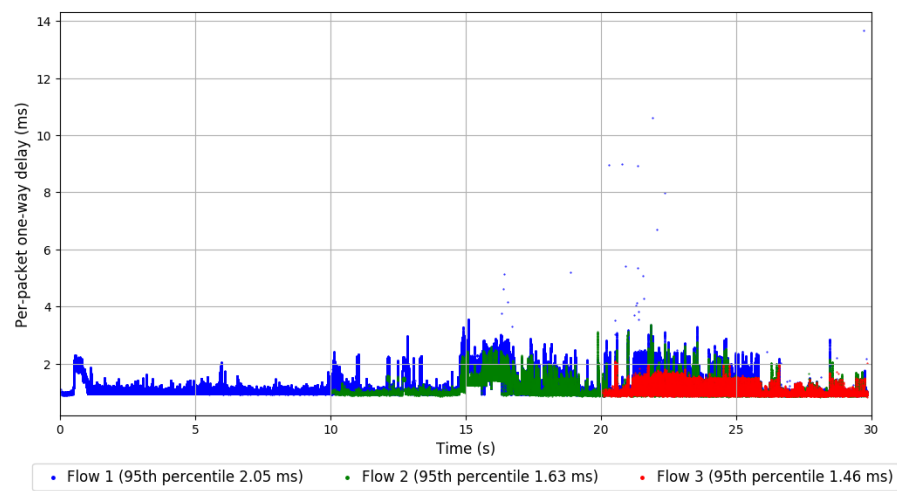
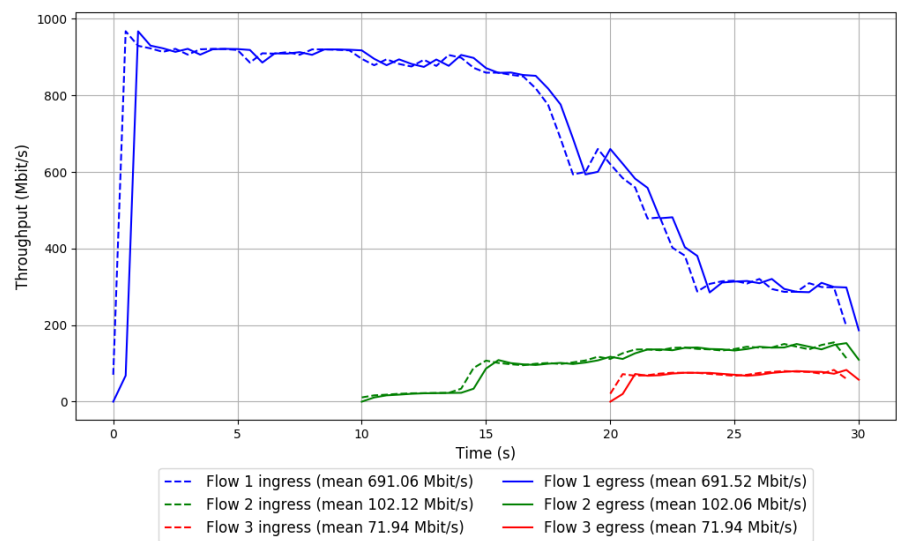
-- Flow 3:

Average throughput: 71.94 Mbit/s

95th percentile per-packet one-way delay: 1.461 ms

Loss rate: 0.19%

Run 5: Report of PCC-Allegro — Data Link

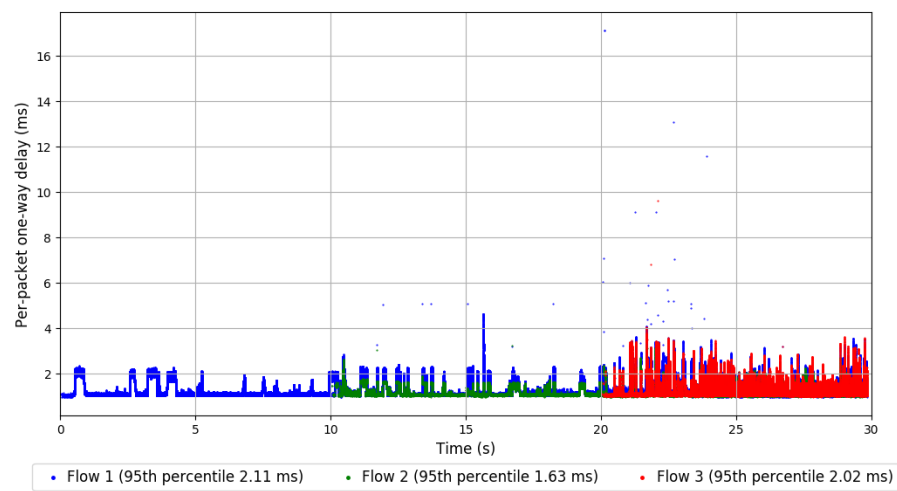
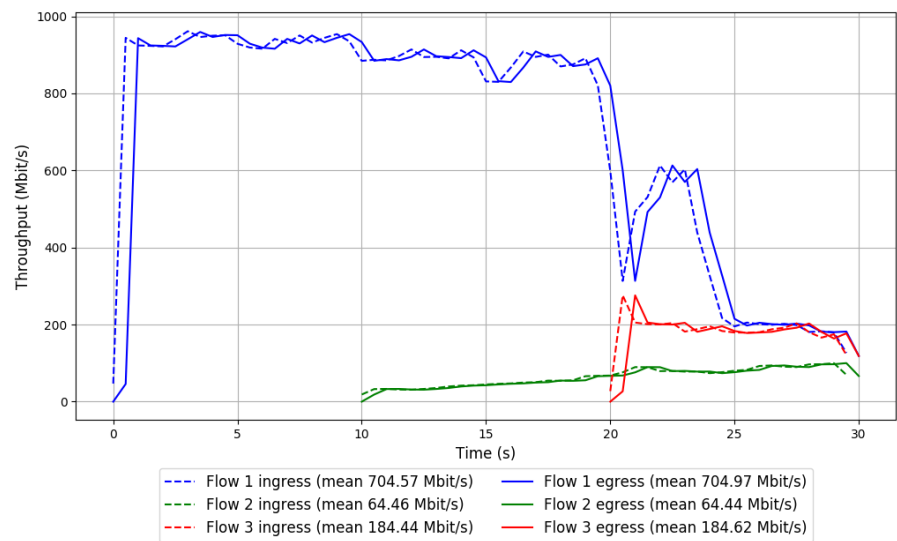


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-02 02:50:53
End at: 2018-08-02 02:51:23
Local clock offset: 3.242 ms
Remote clock offset: -3.113 ms

Below is generated by plot.py at 2018-08-02 06:31:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 808.33 Mbit/s
95th percentile per-packet one-way delay: 2.103 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 704.97 Mbit/s
95th percentile per-packet one-way delay: 2.113 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 64.44 Mbit/s
95th percentile per-packet one-way delay: 1.633 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 184.62 Mbit/s
95th percentile per-packet one-way delay: 2.016 ms
Loss rate: 0.08%

Run 6: Report of PCC-Allegro — Data Link

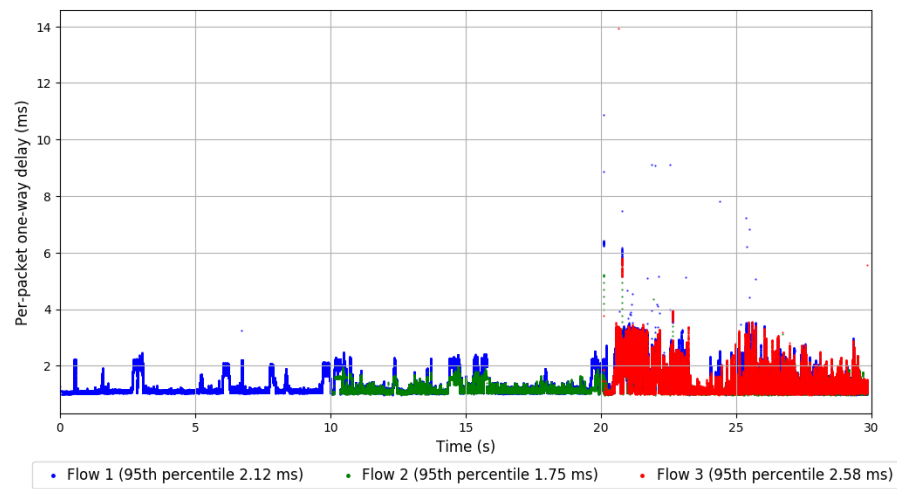
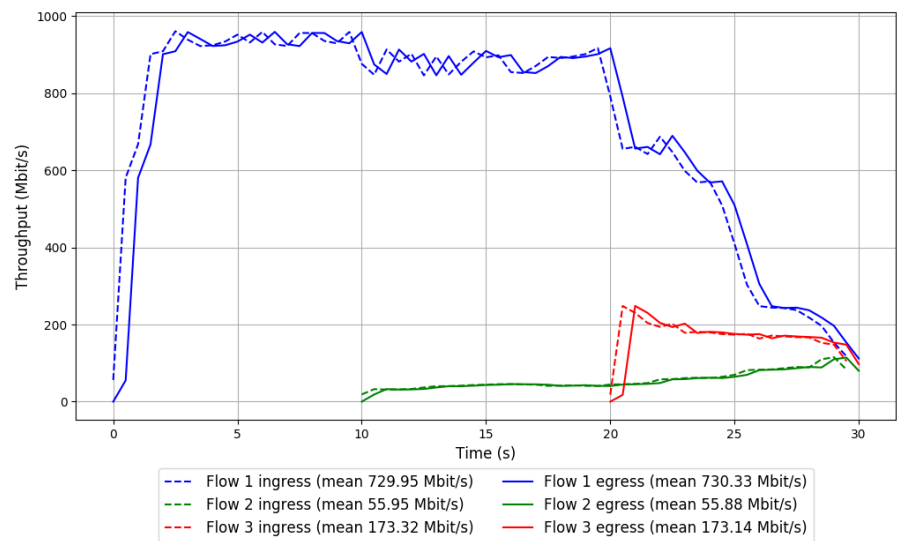


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-02 03:17:52
End at: 2018-08-02 03:18:22
Local clock offset: 3.144 ms
Remote clock offset: -2.956 ms

Below is generated by plot.py at 2018-08-02 06:31:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 824.19 Mbit/s
95th percentile per-packet one-way delay: 2.122 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 730.33 Mbit/s
95th percentile per-packet one-way delay: 2.116 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 1.749 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 173.14 Mbit/s
95th percentile per-packet one-way delay: 2.577 ms
Loss rate: 0.24%

Run 7: Report of PCC-Allegro — Data Link

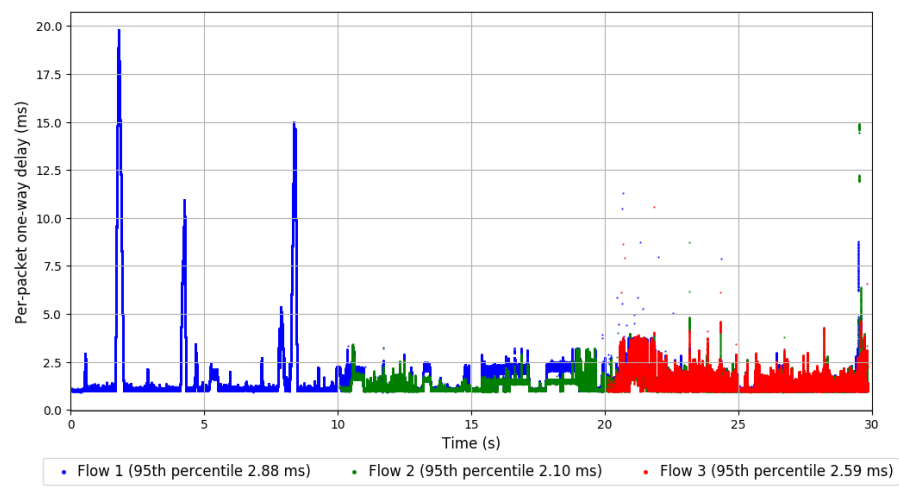
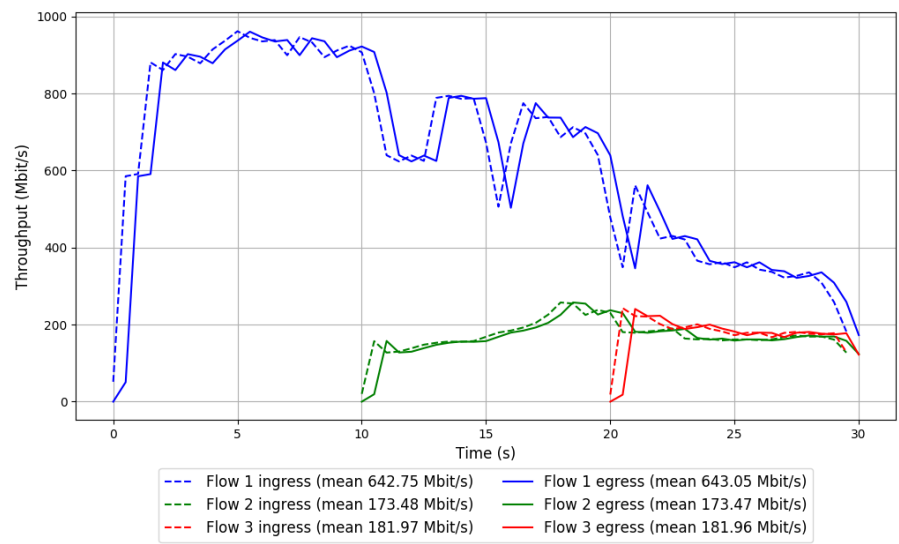


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-02 03:44:57
End at: 2018-08-02 03:45:27
Local clock offset: 3.08 ms
Remote clock offset: -2.843 ms

```
# Below is generated by plot.py at 2018-08-02 06:31:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 817.99 Mbit/s
95th percentile per-packet one-way delay: 2.667 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 643.05 Mbit/s
95th percentile per-packet one-way delay: 2.882 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 173.47 Mbit/s
95th percentile per-packet one-way delay: 2.095 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 181.96 Mbit/s
95th percentile per-packet one-way delay: 2.588 ms
Loss rate: 0.19%
```

Run 8: Report of PCC-Allegro — Data Link

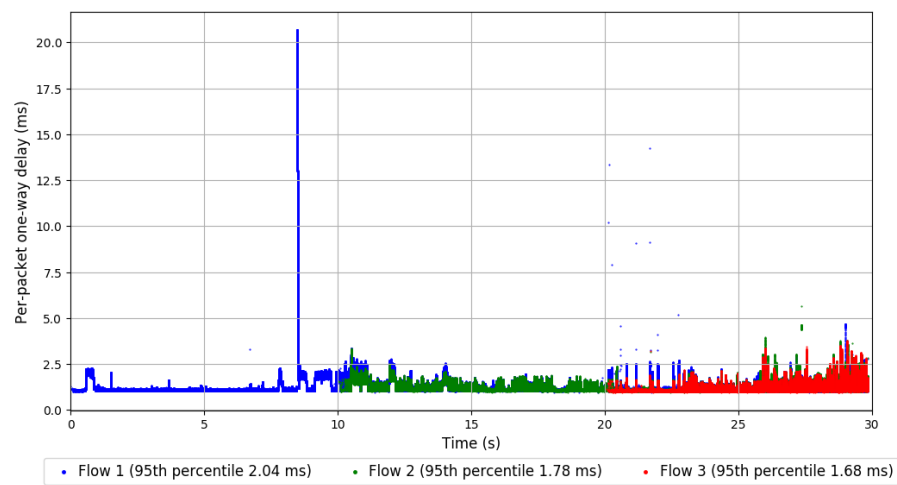
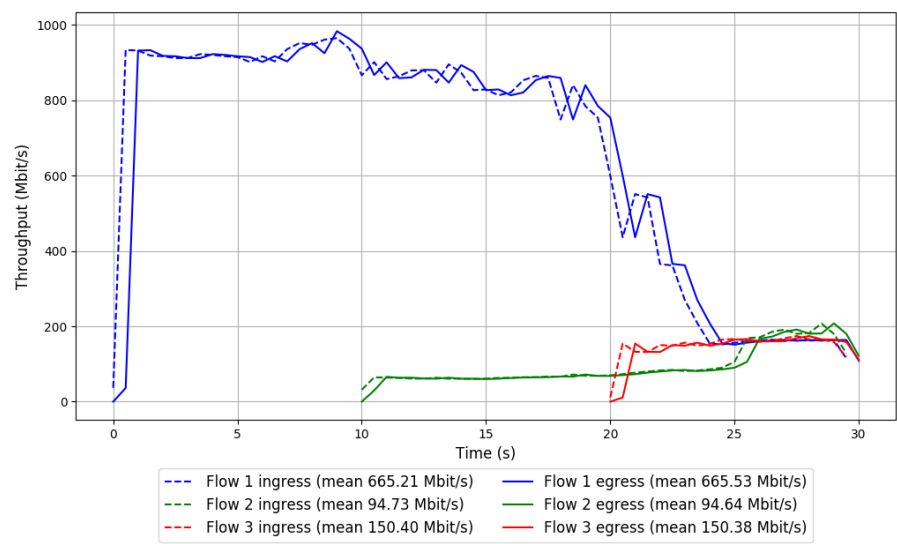


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-02 04:11:55
End at: 2018-08-02 04:12:25
Local clock offset: 3.409 ms
Remote clock offset: -2.845 ms

Below is generated by plot.py at 2018-08-02 06:35:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 777.64 Mbit/s
95th percentile per-packet one-way delay: 2.034 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 665.53 Mbit/s
95th percentile per-packet one-way delay: 2.043 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 1.779 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 150.38 Mbit/s
95th percentile per-packet one-way delay: 1.679 ms
Loss rate: 0.24%

Run 9: Report of PCC-Allegro — Data Link

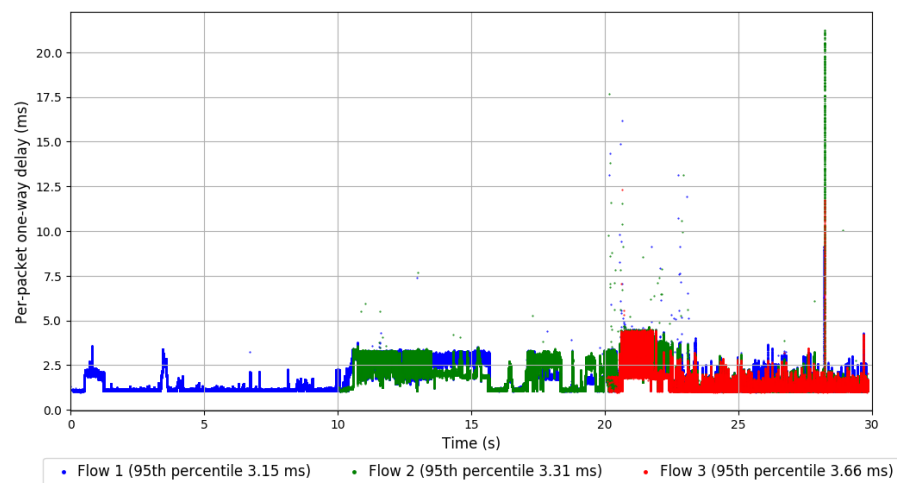
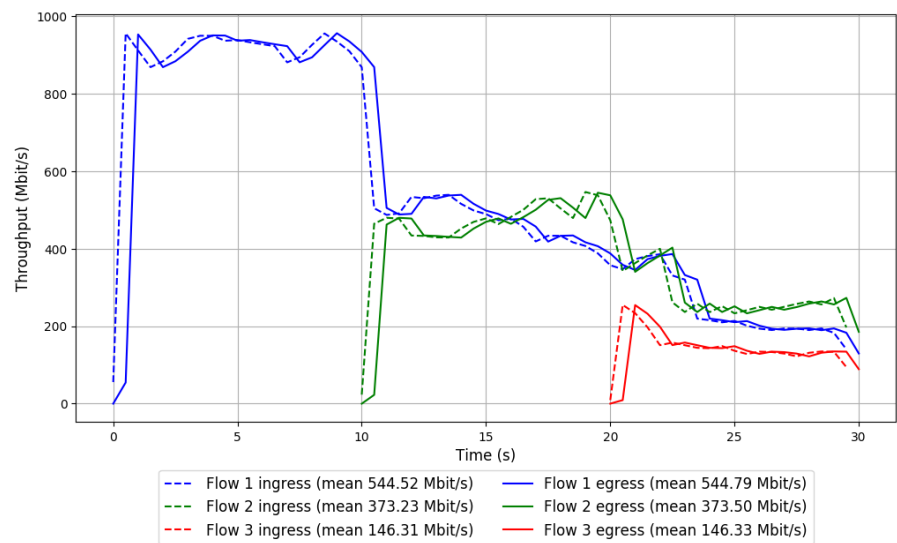


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-02 04:38:47
End at: 2018-08-02 04:39:17
Local clock offset: 2.996 ms
Remote clock offset: -2.868 ms

Below is generated by plot.py at 2018-08-02 06:37:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 840.55 Mbit/s
95th percentile per-packet one-way delay: 3.194 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 544.79 Mbit/s
95th percentile per-packet one-way delay: 3.148 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 373.50 Mbit/s
95th percentile per-packet one-way delay: 3.305 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 146.33 Mbit/s
95th percentile per-packet one-way delay: 3.660 ms
Loss rate: 0.18%

Run 10: Report of PCC-Allegro — Data Link

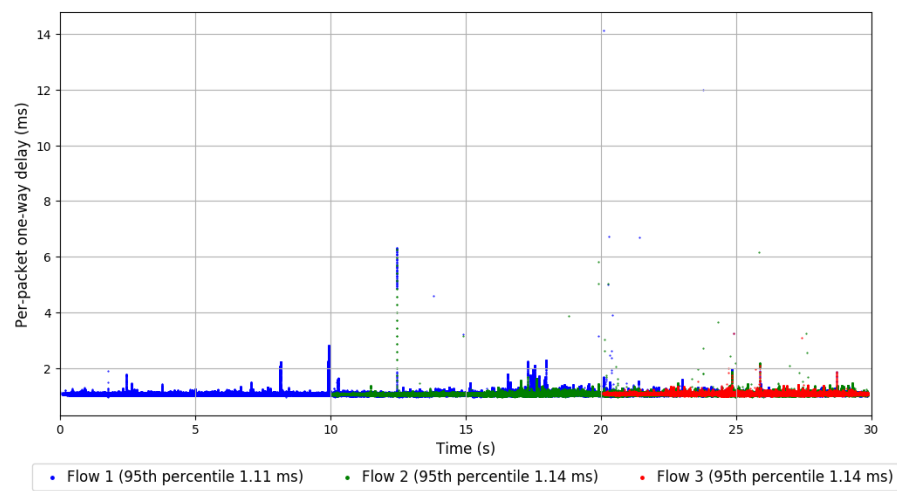
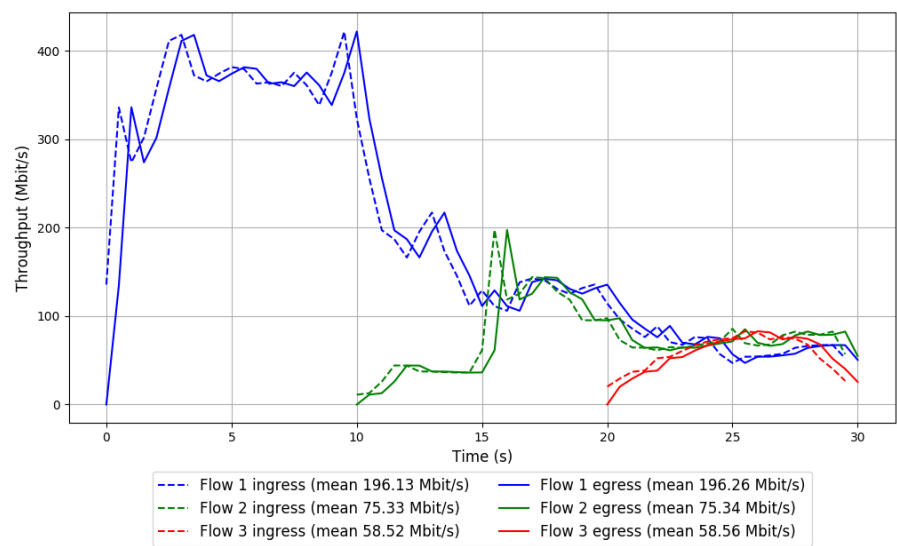


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-02 00:17:11
End at: 2018-08-02 00:17:41
Local clock offset: 3.969 ms
Remote clock offset: -2.452 ms

# Below is generated by plot.py at 2018-08-02 06:37:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 265.65 Mbit/s
95th percentile per-packet one-way delay: 1.119 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 196.26 Mbit/s
95th percentile per-packet one-way delay: 1.112 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 75.34 Mbit/s
95th percentile per-packet one-way delay: 1.137 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 58.56 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.11%
```

Run 1: Report of PCC-Expr — Data Link

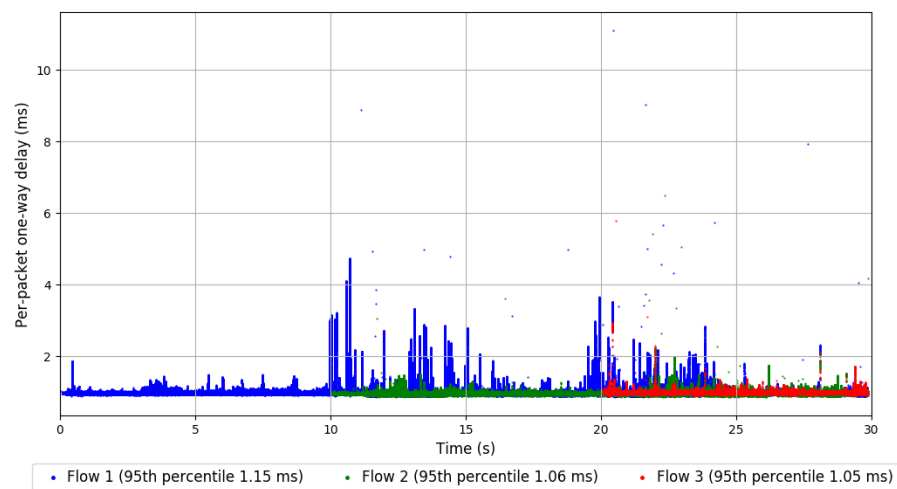
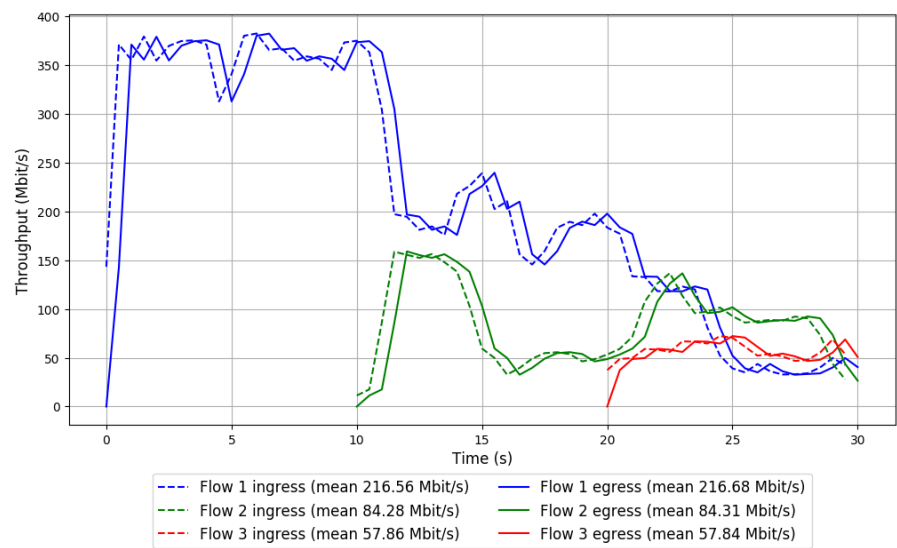


Run 2: Statistics of PCC-Expr

Start at: 2018-08-02 00:44:03
End at: 2018-08-02 00:44:33
Local clock offset: 3.752 ms
Remote clock offset: -2.423 ms

Below is generated by plot.py at 2018-08-02 06:37:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 291.74 Mbit/s
95th percentile per-packet one-way delay: 1.112 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 216.68 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 84.31 Mbit/s
95th percentile per-packet one-way delay: 1.064 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 57.84 Mbit/s
95th percentile per-packet one-way delay: 1.048 ms
Loss rate: 0.27%

Run 2: Report of PCC-Expr — Data Link

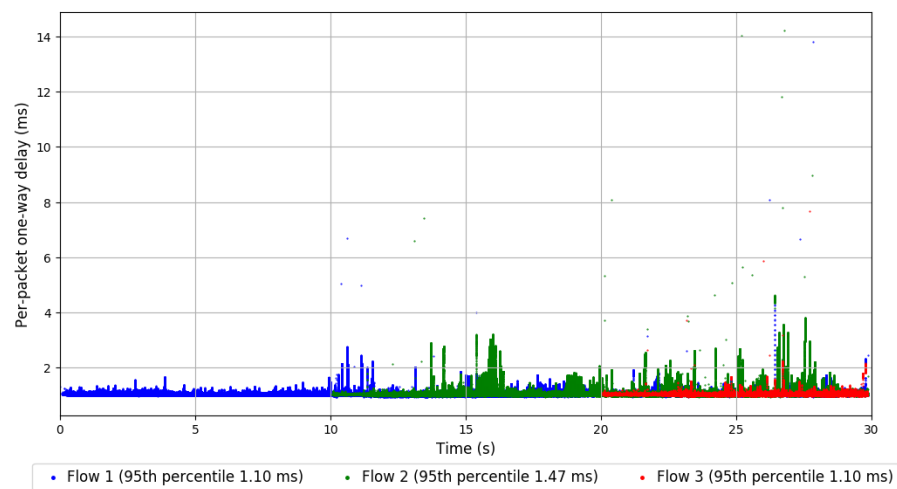
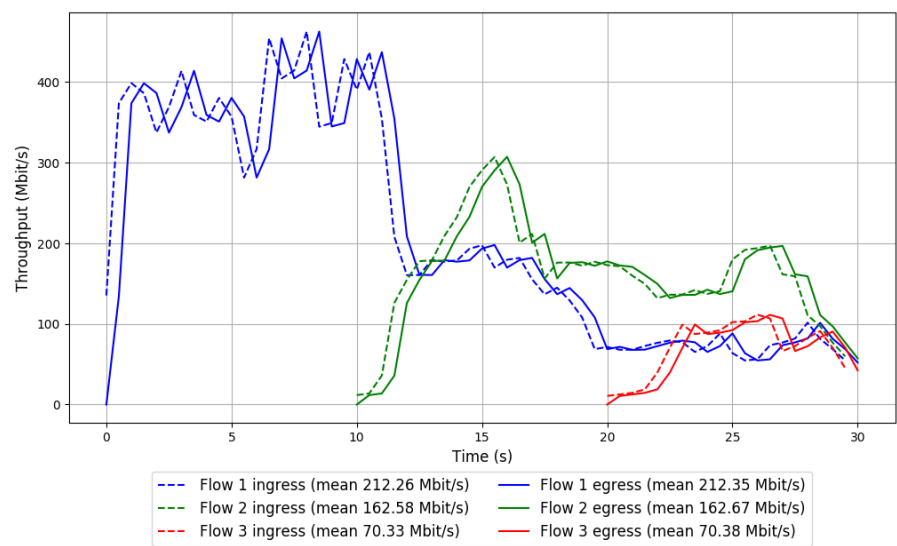


Run 3: Statistics of PCC-Expr

Start at: 2018-08-02 01:11:03
End at: 2018-08-02 01:11:33
Local clock offset: 3.53 ms
Remote clock offset: -2.523 ms

Below is generated by plot.py at 2018-08-02 06:38:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 343.62 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 212.35 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 162.67 Mbit/s
95th percentile per-packet one-way delay: 1.466 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 70.38 Mbit/s
95th percentile per-packet one-way delay: 1.097 ms
Loss rate: 0.24%

Run 3: Report of PCC-Expr — Data Link

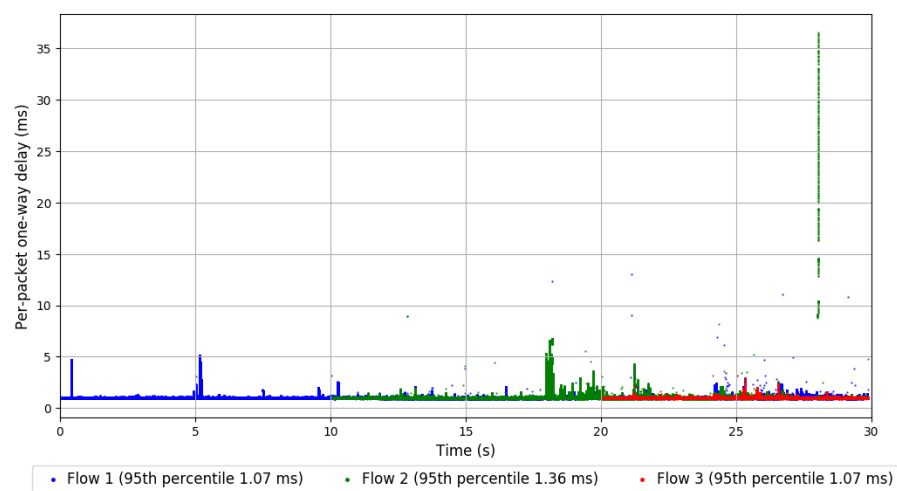
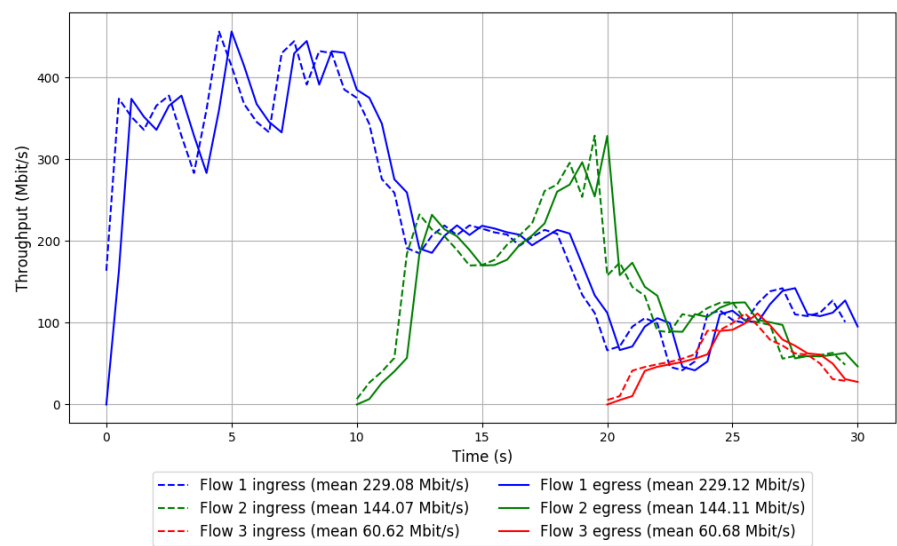


Run 4: Statistics of PCC-Expr

Start at: 2018-08-02 01:38:06
End at: 2018-08-02 01:38:36
Local clock offset: 3.483 ms
Remote clock offset: -2.402 ms

Below is generated by plot.py at 2018-08-02 06:38:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 344.91 Mbit/s
95th percentile per-packet one-way delay: 1.113 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 229.12 Mbit/s
95th percentile per-packet one-way delay: 1.068 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 144.11 Mbit/s
95th percentile per-packet one-way delay: 1.357 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 60.68 Mbit/s
95th percentile per-packet one-way delay: 1.072 ms
Loss rate: 0.12%

Run 4: Report of PCC-Expr — Data Link

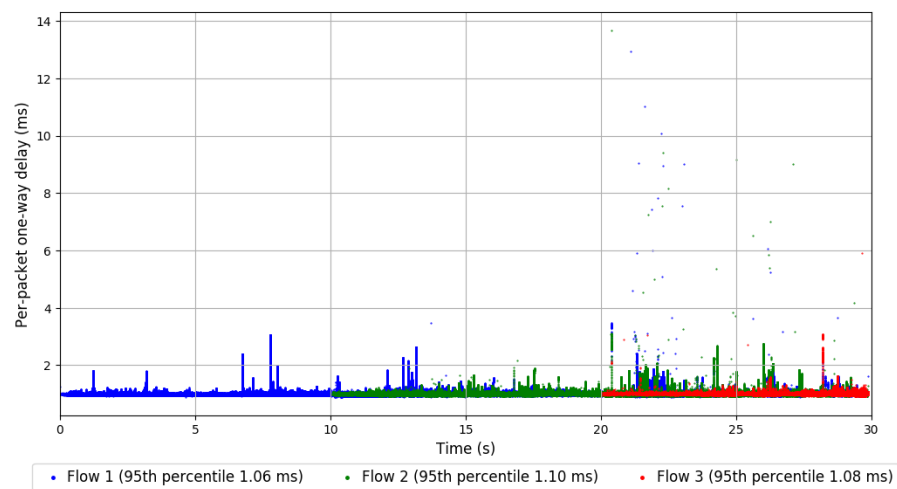
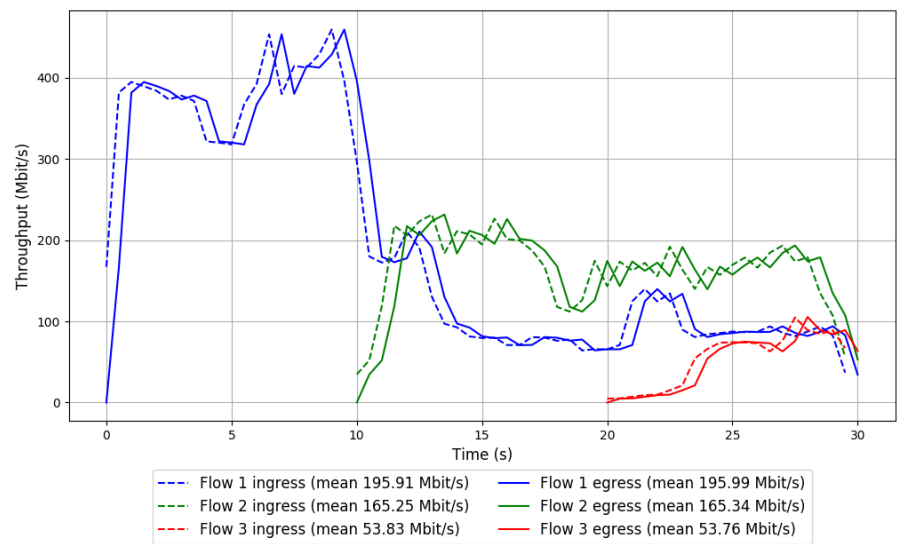


Run 5: Statistics of PCC-Expr

Start at: 2018-08-02 02:04:57
End at: 2018-08-02 02:05:27
Local clock offset: 3.071 ms
Remote clock offset: -2.268 ms

Below is generated by plot.py at 2018-08-02 06:38:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 323.59 Mbit/s
95th percentile per-packet one-way delay: 1.073 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 195.99 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 165.34 Mbit/s
95th percentile per-packet one-way delay: 1.099 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 53.76 Mbit/s
95th percentile per-packet one-way delay: 1.079 ms
Loss rate: 0.33%

Run 5: Report of PCC-Expr — Data Link

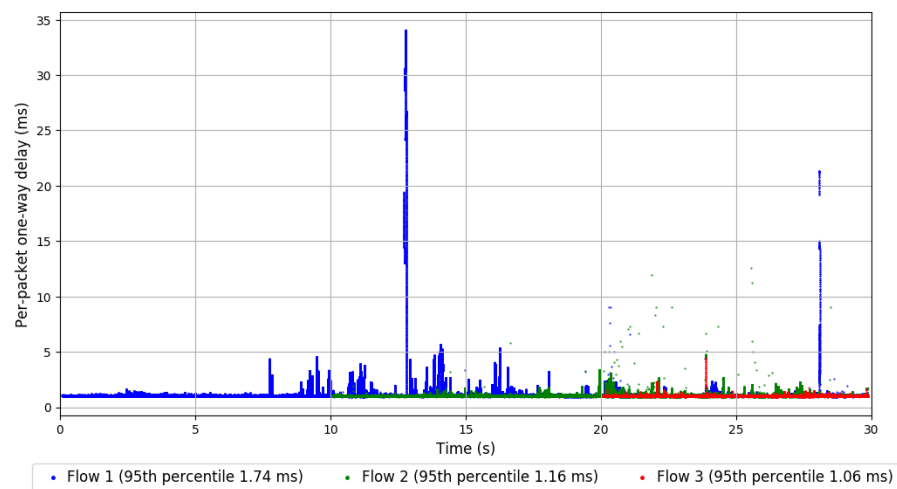
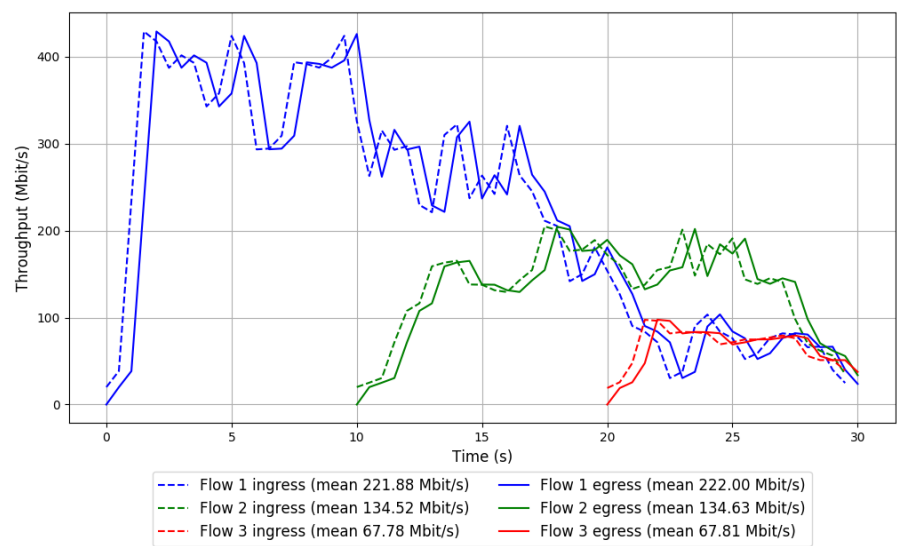


Run 6: Statistics of PCC-Expr

Start at: 2018-08-02 02:32:03
End at: 2018-08-02 02:32:33
Local clock offset: 2.871 ms
Remote clock offset: -3.422 ms

Below is generated by plot.py at 2018-08-02 06:38:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 333.81 Mbit/s
95th percentile per-packet one-way delay: 1.440 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 222.00 Mbit/s
95th percentile per-packet one-way delay: 1.743 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 134.63 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 67.81 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.15%

Run 6: Report of PCC-Expr — Data Link

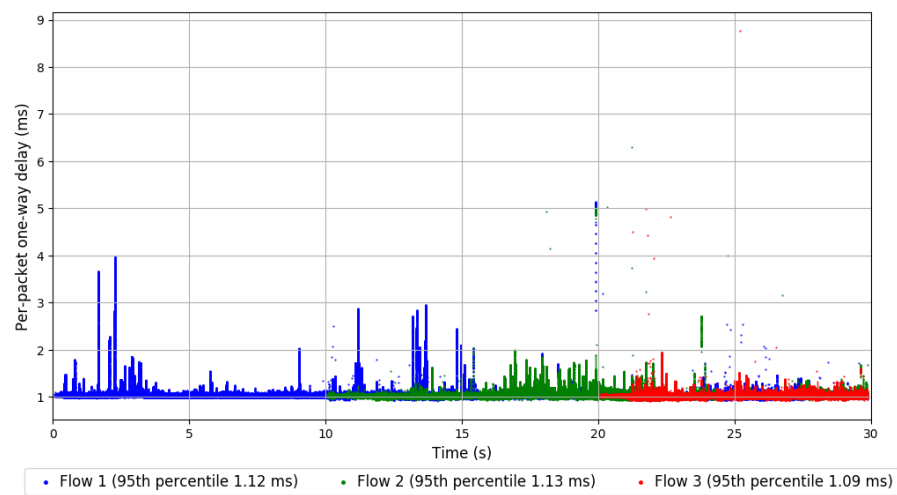
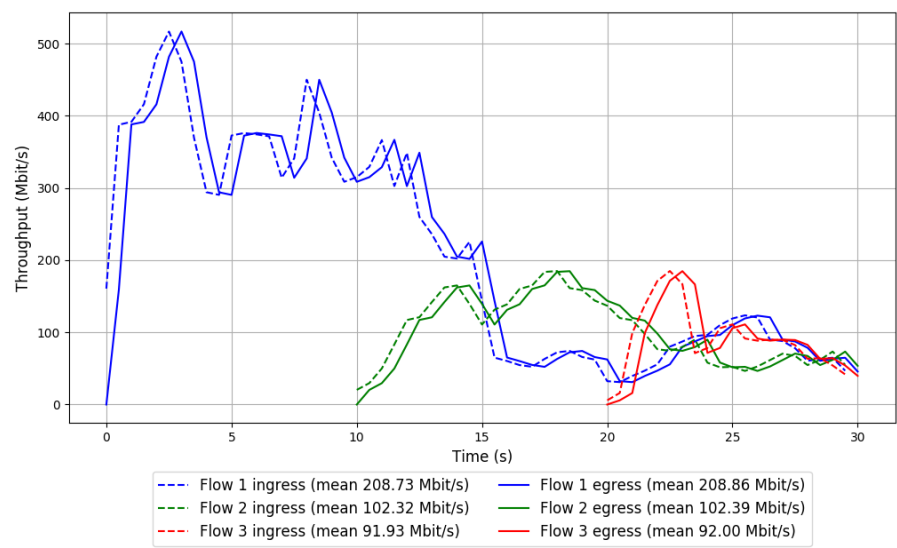


Run 7: Statistics of PCC-Expr

Start at: 2018-08-02 02:58:58
End at: 2018-08-02 02:59:29
Local clock offset: 3.183 ms
Remote clock offset: -2.945 ms

Below is generated by plot.py at 2018-08-02 06:41:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 307.25 Mbit/s
95th percentile per-packet one-way delay: 1.117 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 208.86 Mbit/s
95th percentile per-packet one-way delay: 1.117 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 102.39 Mbit/s
95th percentile per-packet one-way delay: 1.130 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 1.092 ms
Loss rate: 0.12%

Run 7: Report of PCC-Expr — Data Link

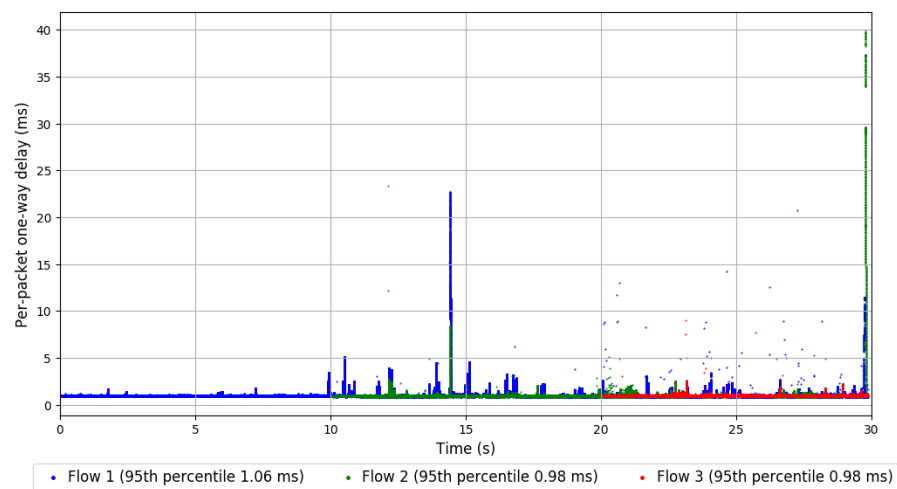
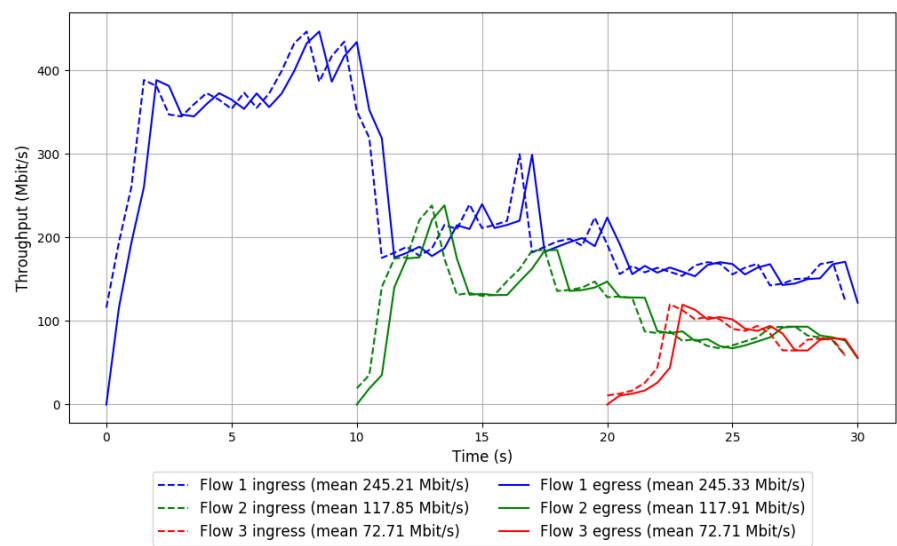


Run 8: Statistics of PCC-Expr

Start at: 2018-08-02 03:26:01
End at: 2018-08-02 03:26:31
Local clock offset: 3.017 ms
Remote clock offset: -2.881 ms

Below is generated by plot.py at 2018-08-02 06:43:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 347.64 Mbit/s
95th percentile per-packet one-way delay: 1.025 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 245.33 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 117.91 Mbit/s
95th percentile per-packet one-way delay: 0.980 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 72.71 Mbit/s
95th percentile per-packet one-way delay: 0.976 ms
Loss rate: 0.19%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-08-02 03:53:08

End at: 2018-08-02 03:53:38

Local clock offset: 3.128 ms

Remote clock offset: -2.78 ms

Below is generated by plot.py at 2018-08-02 06:43:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 280.96 Mbit/s

95th percentile per-packet one-way delay: 1.062 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 203.19 Mbit/s

95th percentile per-packet one-way delay: 1.047 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 88.80 Mbit/s

95th percentile per-packet one-way delay: 1.150 ms

Loss rate: 0.07%

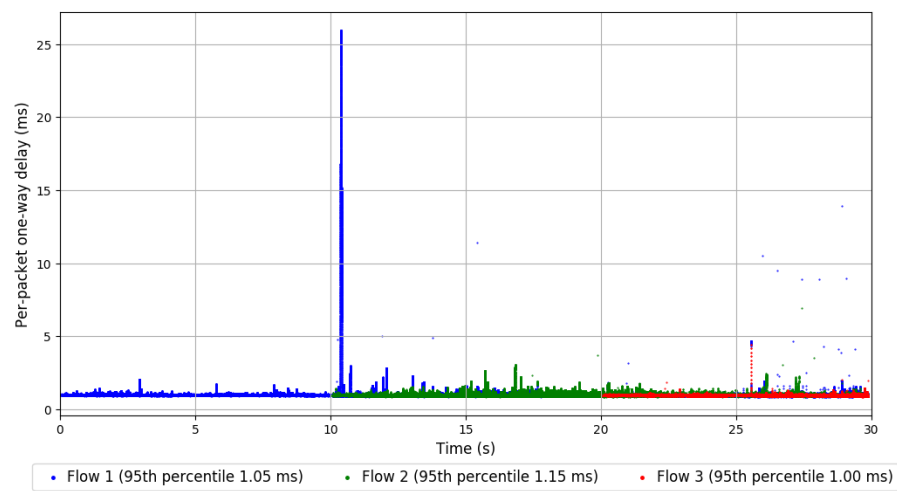
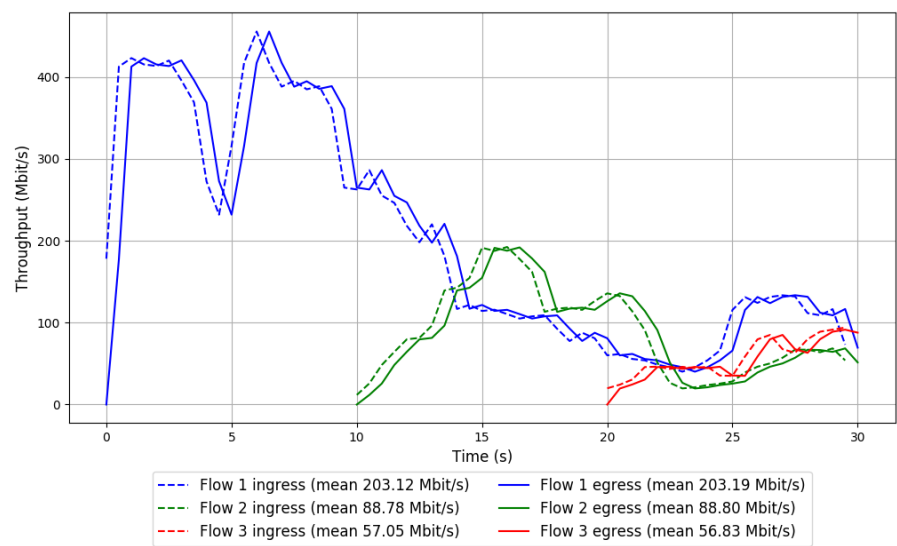
-- Flow 3:

Average throughput: 56.83 Mbit/s

95th percentile per-packet one-way delay: 1.001 ms

Loss rate: 0.57%

Run 9: Report of PCC-Expr — Data Link

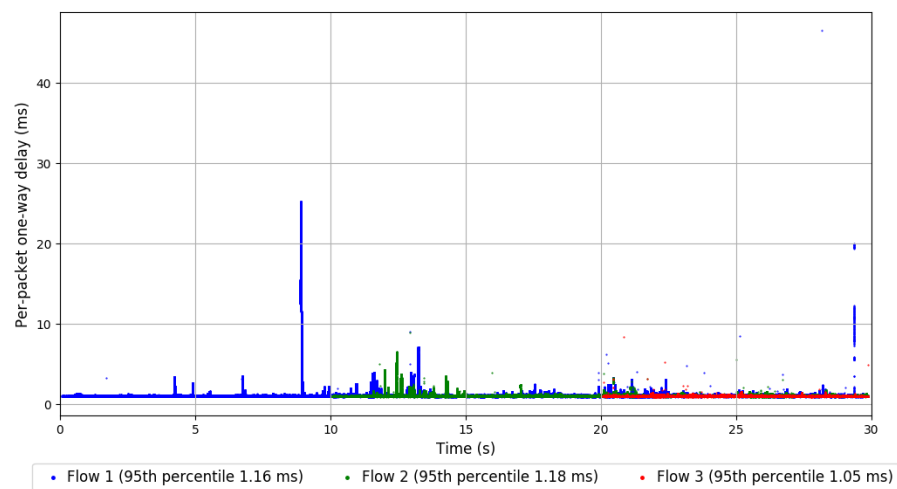
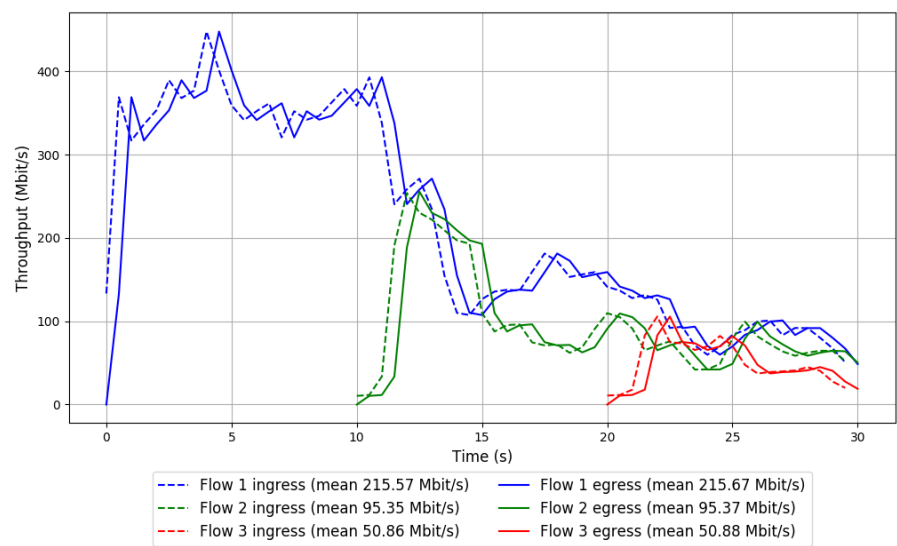


Run 10: Statistics of PCC-Expr

Start at: 2018-08-02 04:20:01
End at: 2018-08-02 04:20:31
Local clock offset: 3.446 ms
Remote clock offset: -2.789 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 295.82 Mbit/s
95th percentile per-packet one-way delay: 1.157 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 215.67 Mbit/s
95th percentile per-packet one-way delay: 1.163 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 1.179 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 50.88 Mbit/s
95th percentile per-packet one-way delay: 1.051 ms
Loss rate: 0.11%

Run 10: Report of PCC-Expr — Data Link

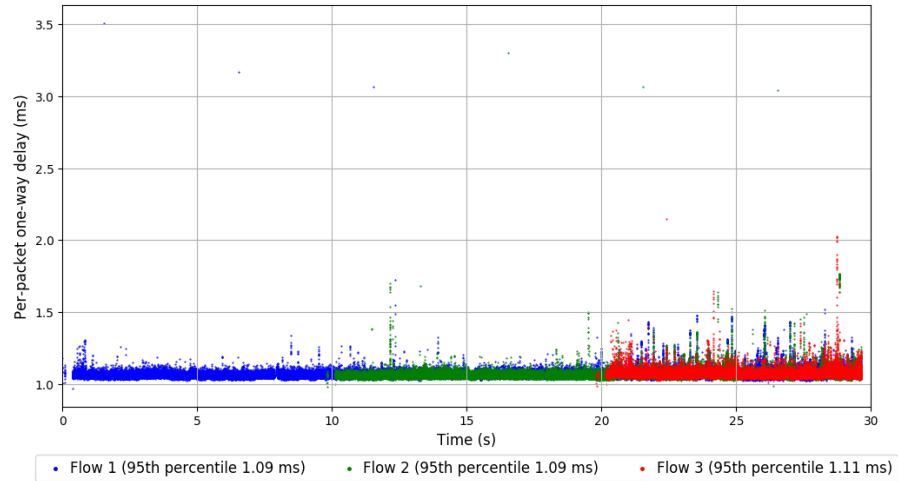
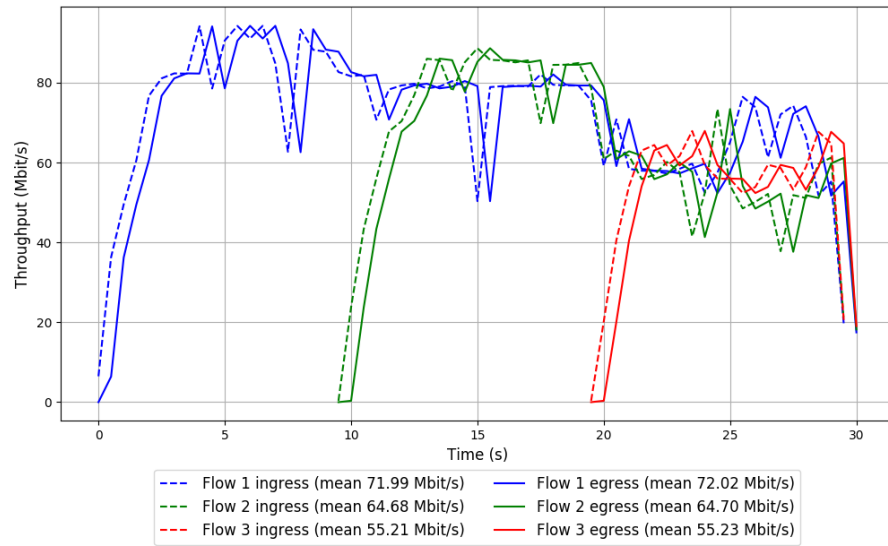


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-02 00:30:01
End at: 2018-08-02 00:30:31
Local clock offset: 3.873 ms
Remote clock offset: -2.447 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 133.80 Mbit/s
95th percentile per-packet one-way delay: 1.095 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 72.02 Mbit/s
95th percentile per-packet one-way delay: 1.093 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 64.70 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 55.23 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.14%

Run 1: Report of QUIC Cubic — Data Link

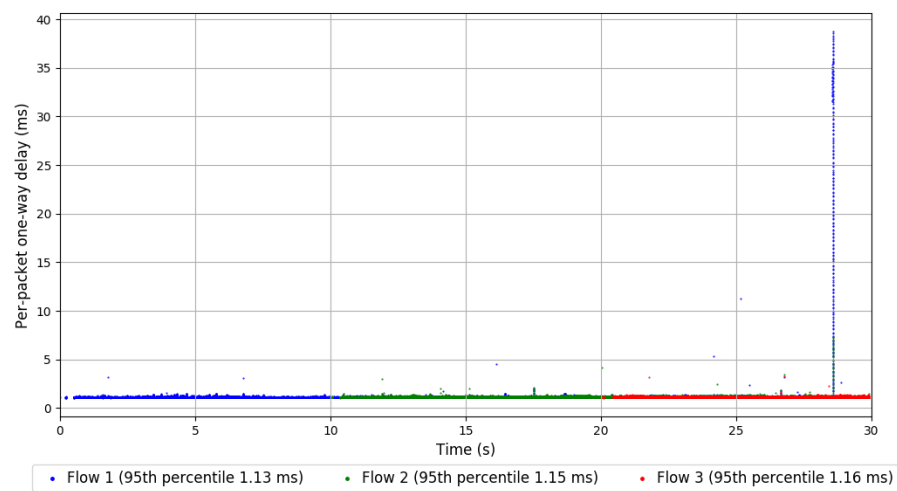
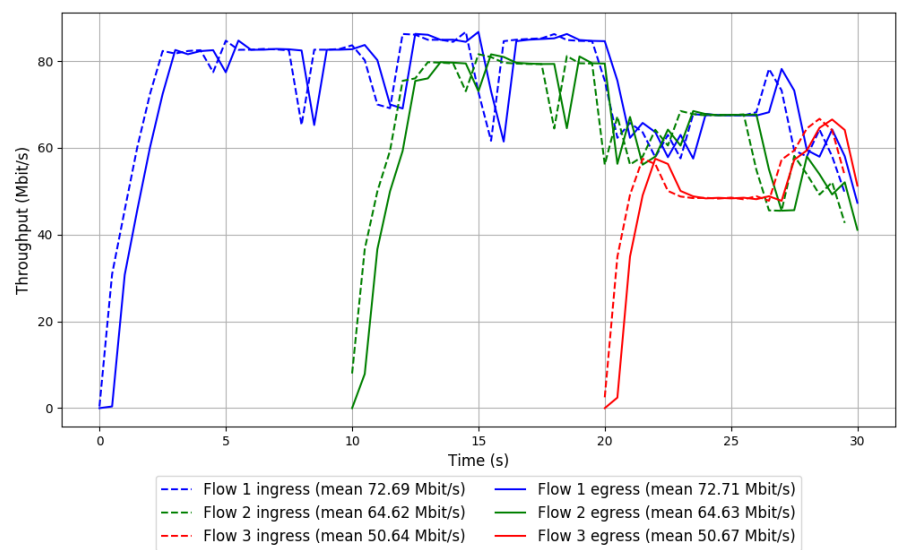


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-02 00:56:56
End at: 2018-08-02 00:57:26
Local clock offset: 3.74 ms
Remote clock offset: -2.178 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 132.45 Mbit/s
95th percentile per-packet one-way delay: 1.141 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 72.71 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 64.63 Mbit/s
95th percentile per-packet one-way delay: 1.148 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 50.67 Mbit/s
95th percentile per-packet one-way delay: 1.155 ms
Loss rate: 0.25%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-08-02 01:24:00

End at: 2018-08-02 01:24:30

Local clock offset: 3.404 ms

Remote clock offset: -2.51 ms

Below is generated by plot.py at 2018-08-02 06:44:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 132.33 Mbit/s

95th percentile per-packet one-way delay: 1.073 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 71.94 Mbit/s

95th percentile per-packet one-way delay: 1.062 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 64.29 Mbit/s

95th percentile per-packet one-way delay: 1.082 ms

Loss rate: 0.09%

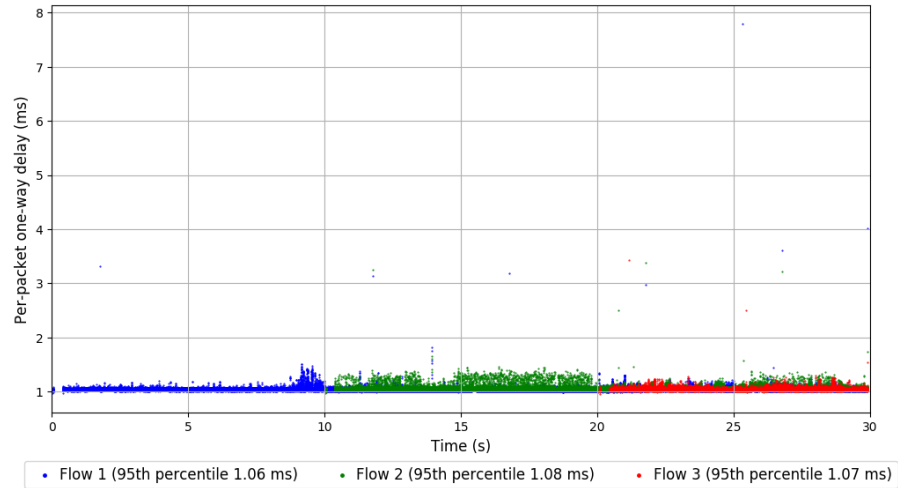
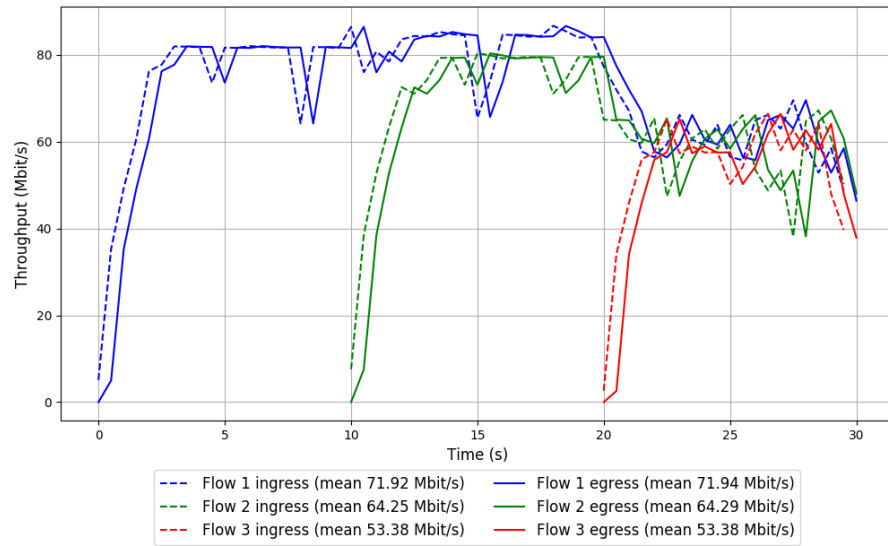
-- Flow 3:

Average throughput: 53.38 Mbit/s

95th percentile per-packet one-way delay: 1.073 ms

Loss rate: 0.18%

Run 3: Report of QUIC Cubic — Data Link

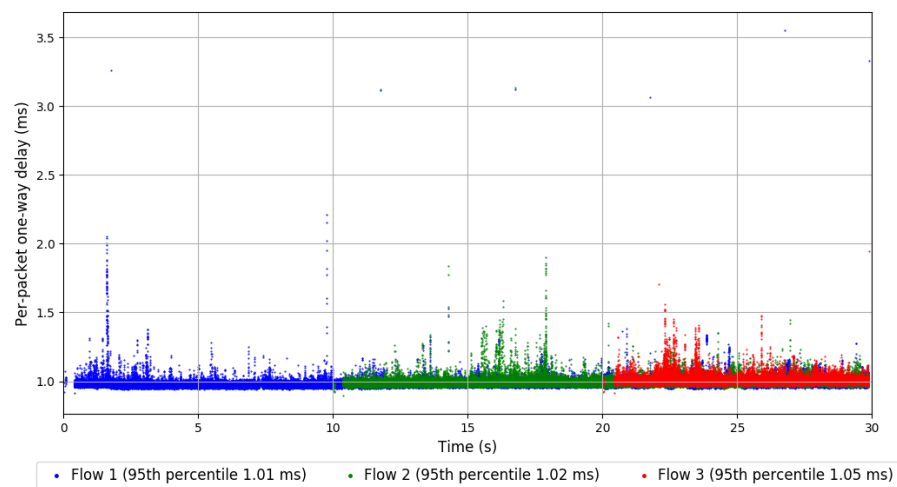
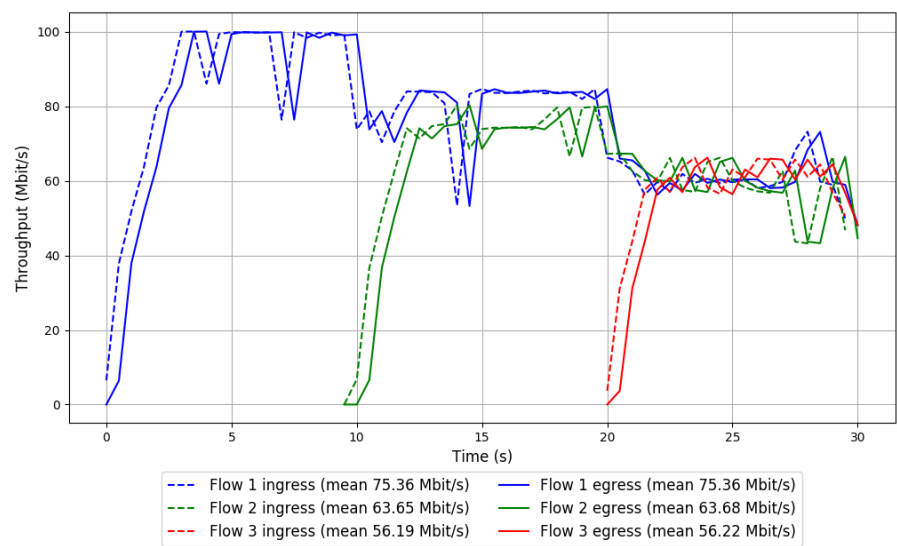


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-02 01:51:00
End at: 2018-08-02 01:51:30
Local clock offset: 3.282 ms
Remote clock offset: -2.419 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 136.34 Mbit/s
95th percentile per-packet one-way delay: 1.022 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 75.36 Mbit/s
95th percentile per-packet one-way delay: 1.009 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 63.68 Mbit/s
95th percentile per-packet one-way delay: 1.023 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 1.046 ms
Loss rate: 0.23%

Run 4: Report of QUIC Cubic — Data Link

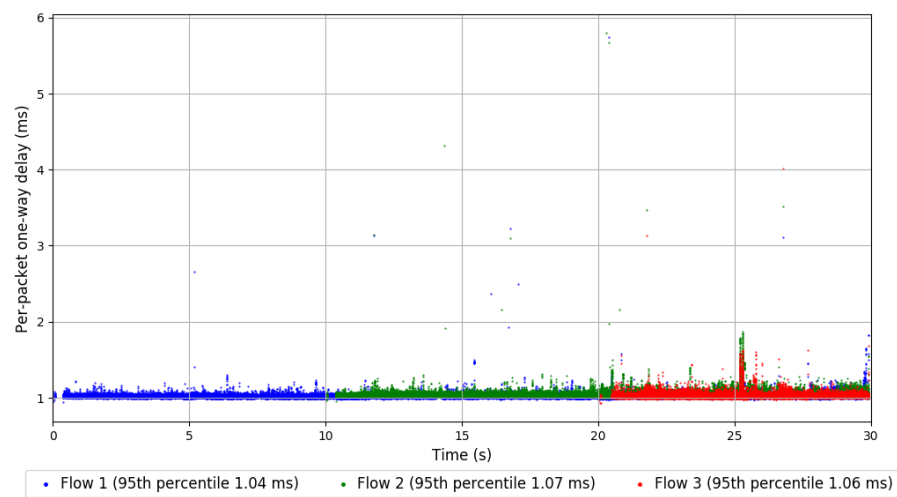
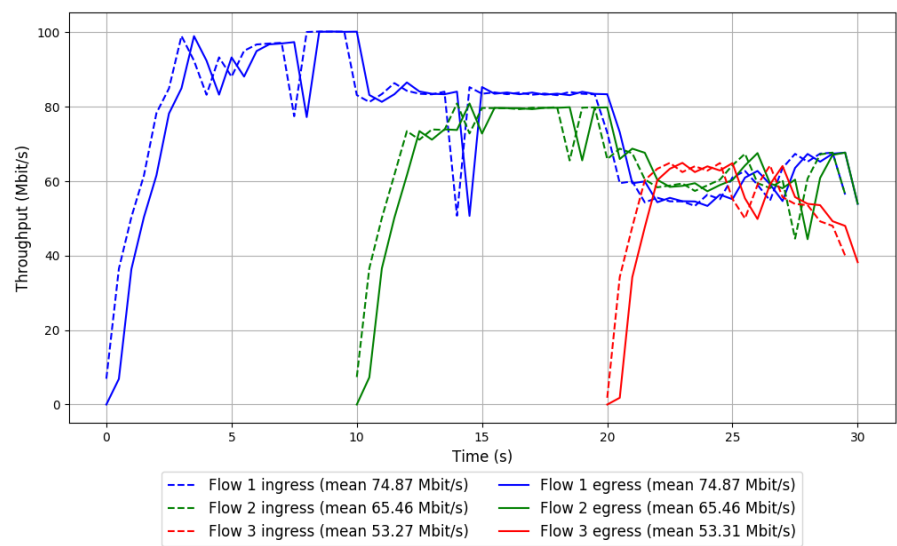


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-02 02:17:53
End at: 2018-08-02 02:18:23
Local clock offset: 2.833 ms
Remote clock offset: -2.998 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 136.03 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 74.87 Mbit/s
95th percentile per-packet one-way delay: 1.043 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 65.46 Mbit/s
95th percentile per-packet one-way delay: 1.072 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 53.31 Mbit/s
95th percentile per-packet one-way delay: 1.061 ms
Loss rate: 0.18%

Run 5: Report of QUIC Cubic — Data Link

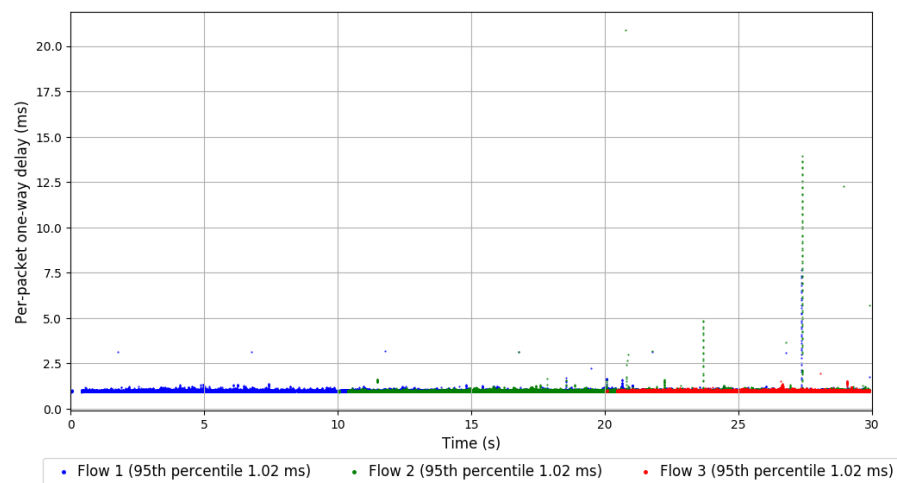
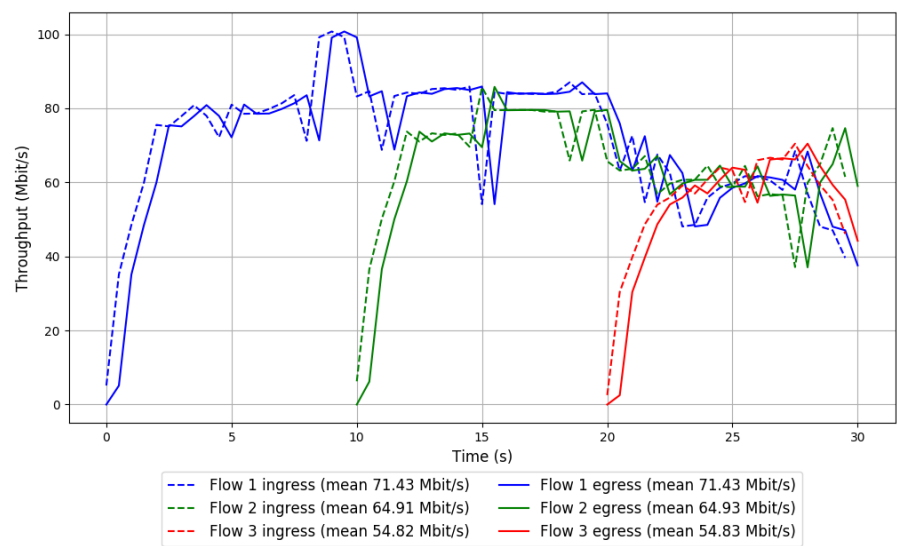


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-02 02:44:55
End at: 2018-08-02 02:45:25
Local clock offset: 3.026 ms
Remote clock offset: -3.307 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 132.72 Mbit/s
95th percentile per-packet one-way delay: 1.020 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 71.43 Mbit/s
95th percentile per-packet one-way delay: 1.020 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 64.93 Mbit/s
95th percentile per-packet one-way delay: 1.021 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 1.021 ms
Loss rate: 0.17%

Run 6: Report of QUIC Cubic — Data Link

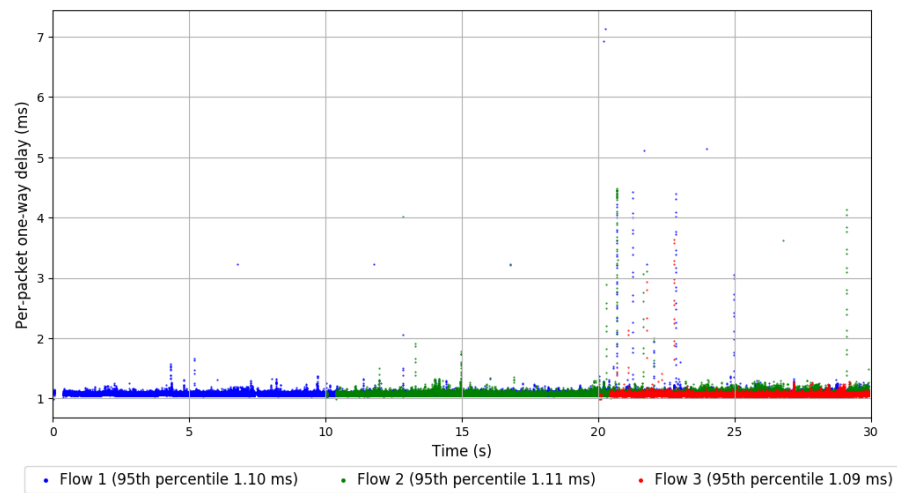
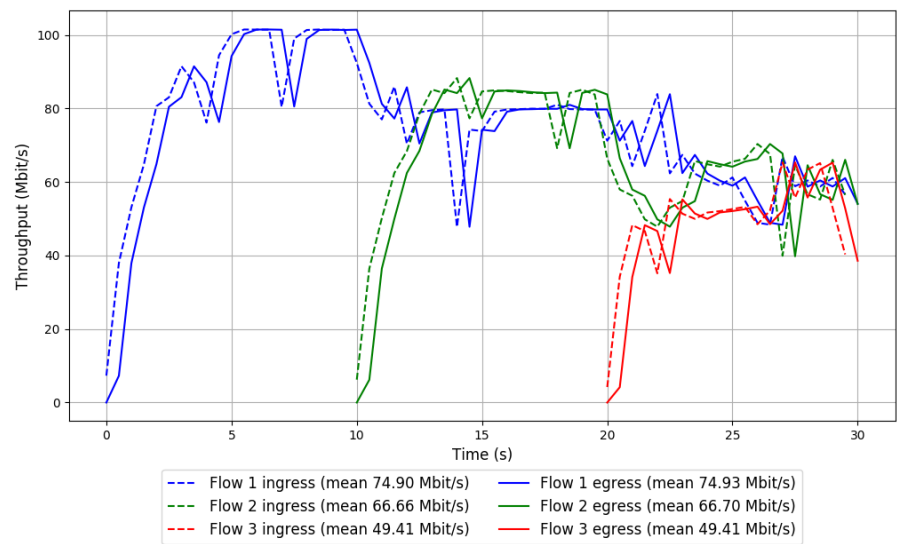


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-02 03:11:52
End at: 2018-08-02 03:12:22
Local clock offset: 3.125 ms
Remote clock offset: -2.969 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 135.64 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 74.93 Mbit/s
95th percentile per-packet one-way delay: 1.105 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 66.70 Mbit/s
95th percentile per-packet one-way delay: 1.112 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.19%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-02 03:38:57

End at: 2018-08-02 03:39:27

Local clock offset: 3.076 ms

Remote clock offset: -2.91 ms

Below is generated by plot.py at 2018-08-02 06:44:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 136.19 Mbit/s

95th percentile per-packet one-way delay: 1.124 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 72.91 Mbit/s

95th percentile per-packet one-way delay: 1.120 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 66.78 Mbit/s

95th percentile per-packet one-way delay: 1.116 ms

Loss rate: 0.08%

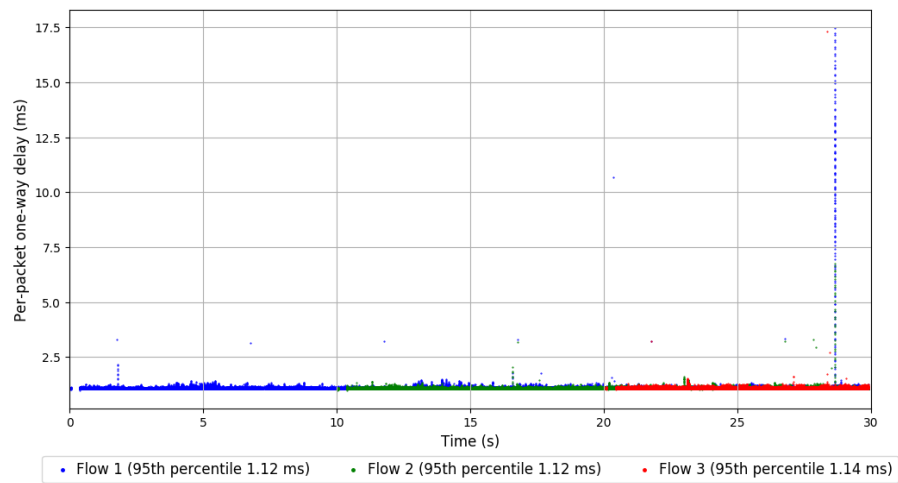
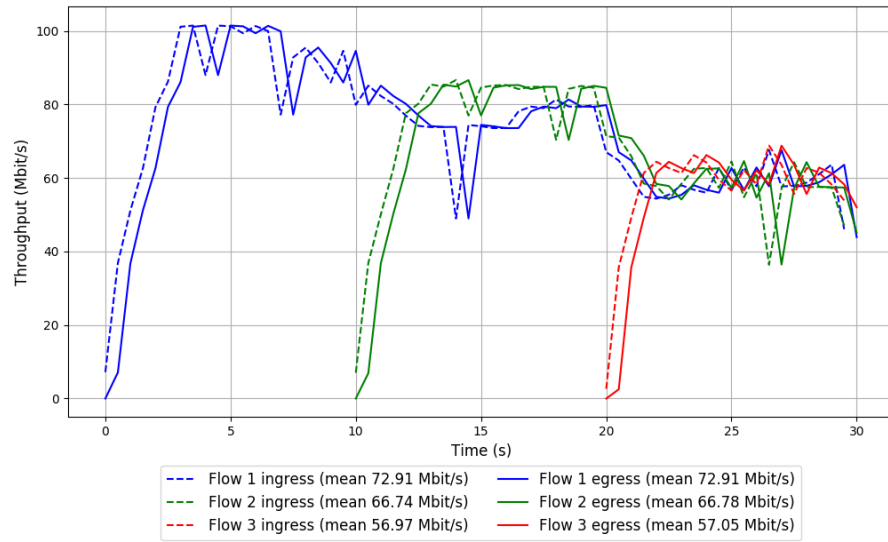
-- Flow 3:

Average throughput: 57.05 Mbit/s

95th percentile per-packet one-way delay: 1.140 ms

Loss rate: 0.18%

Run 8: Report of QUIC Cubic — Data Link

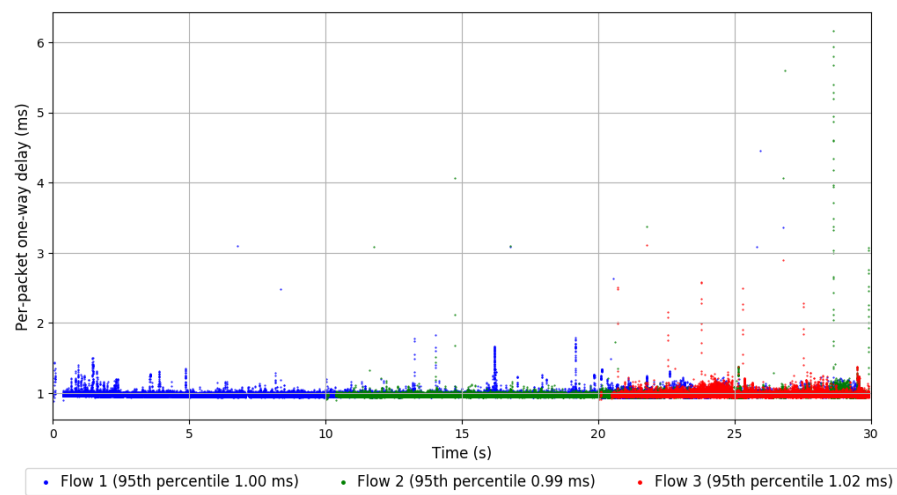
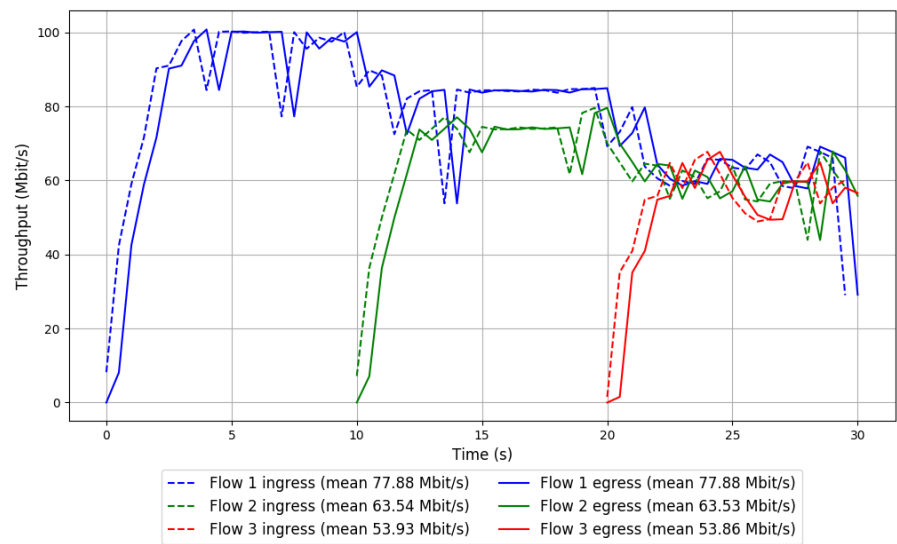


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-02 04:06:00
End at: 2018-08-02 04:06:30
Local clock offset: 3.249 ms
Remote clock offset: -2.846 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 137.47 Mbit/s
95th percentile per-packet one-way delay: 1.000 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 77.88 Mbit/s
95th percentile per-packet one-way delay: 1.000 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.53 Mbit/s
95th percentile per-packet one-way delay: 0.995 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 1.020 ms
Loss rate: 0.34%

Run 9: Report of QUIC Cubic — Data Link

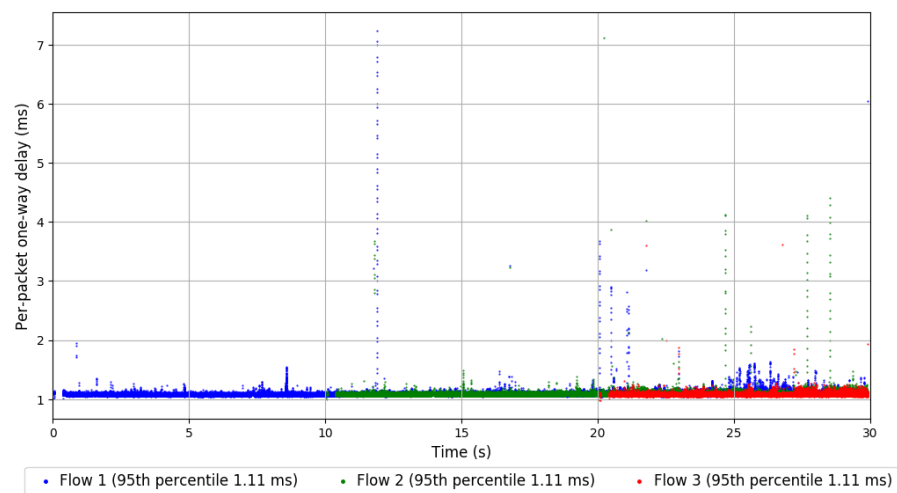
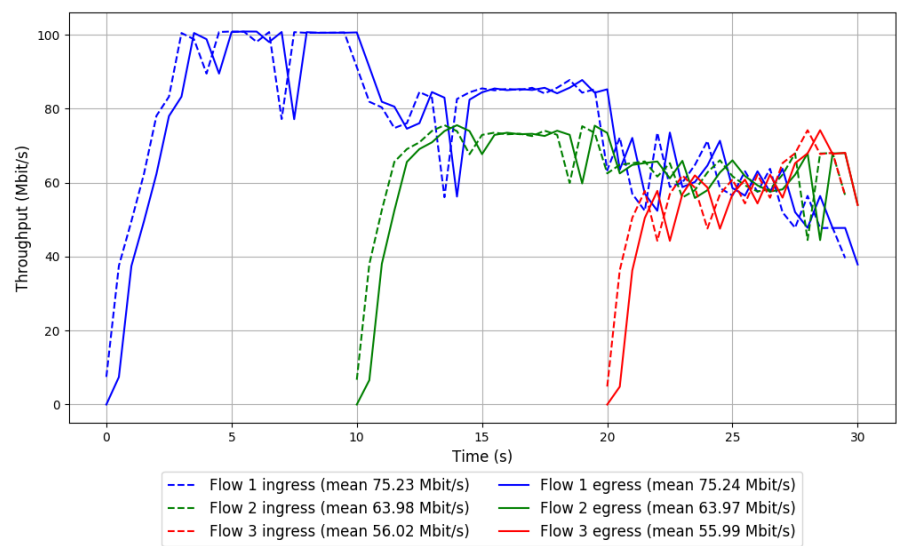


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-02 04:32:51
End at: 2018-08-02 04:33:21
Local clock offset: 3.076 ms
Remote clock offset: -2.845 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 136.28 Mbit/s
95th percentile per-packet one-way delay: 1.112 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 75.24 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 1.114 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.24%

Run 10: Report of QUIC Cubic — Data Link

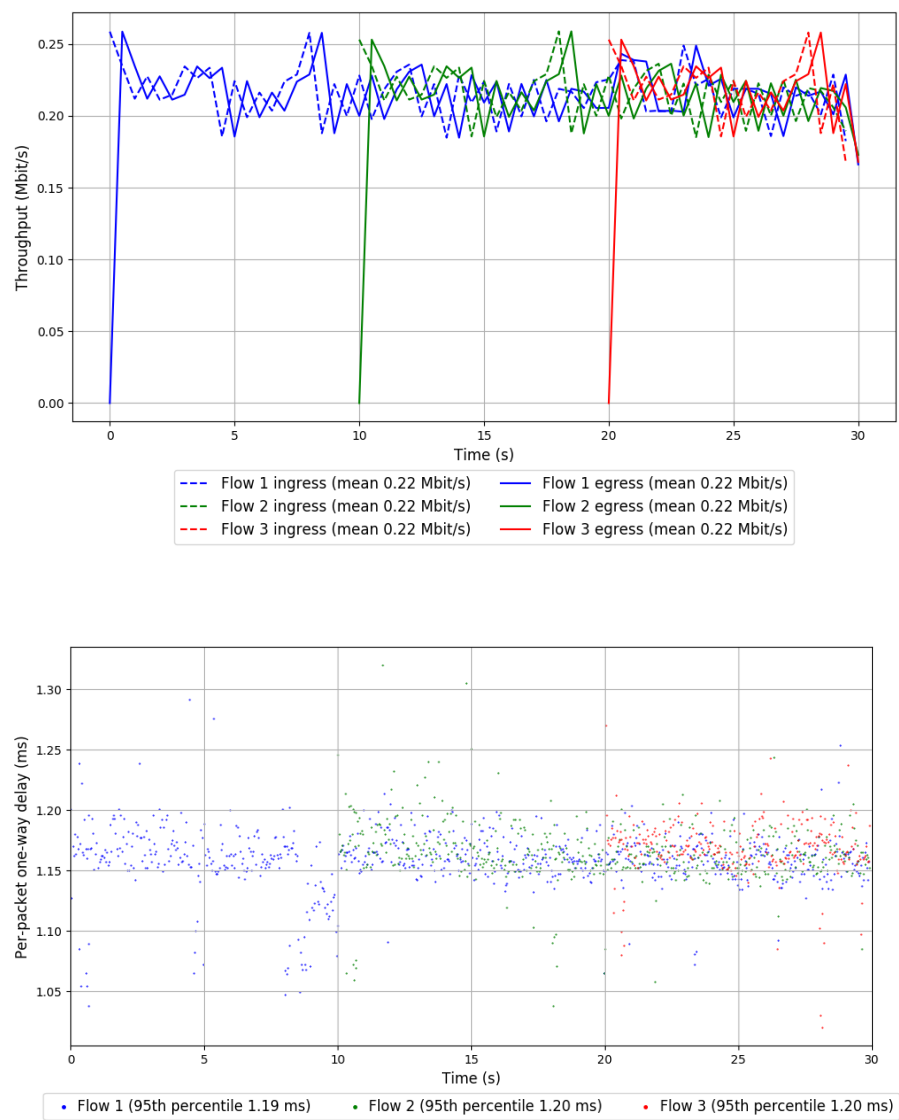


```
Run 1: Statistics of SReAM

Start at: 2018-08-02 00:25:30
End at: 2018-08-02 00:26:00
Local clock offset: 3.913 ms
Remote clock offset: -2.304 ms

# Below is generated by plot.py at 2018-08-02 06:44:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.201 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

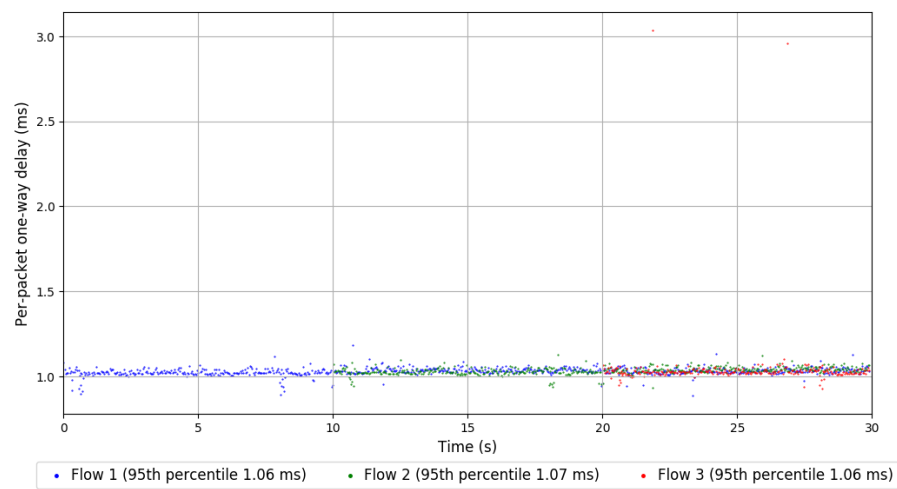
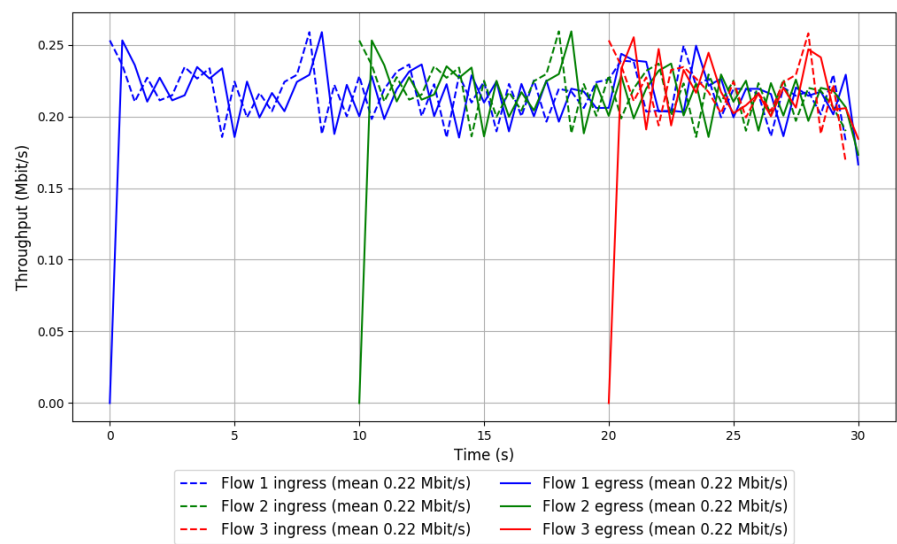


Run 2: Statistics of SReAM

Start at: 2018-08-02 00:52:25
End at: 2018-08-02 00:52:55
Local clock offset: 3.751 ms
Remote clock offset: -2.194 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.063 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.061 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.067 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.064 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

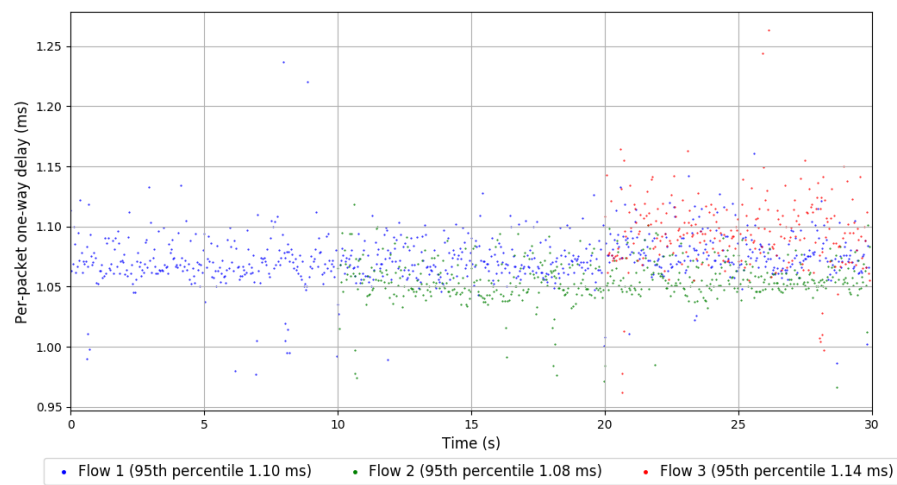
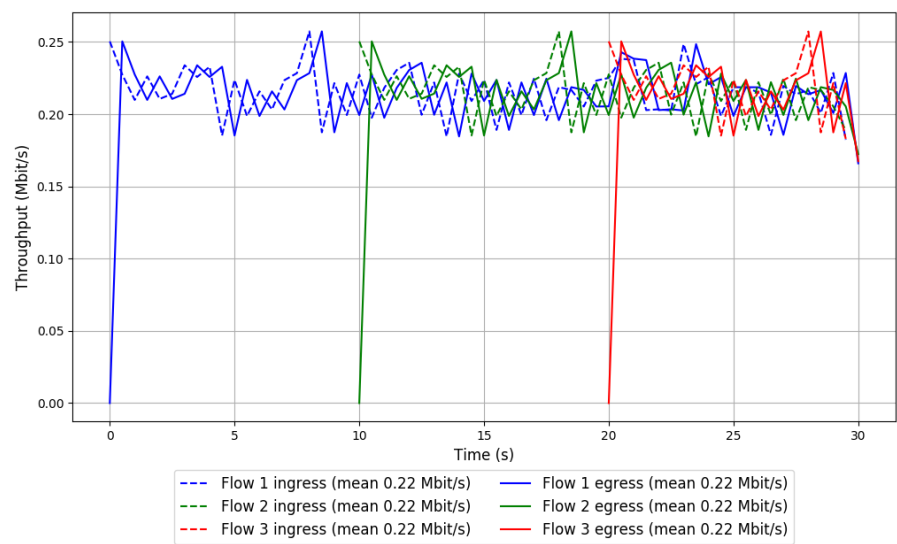


Run 3: Statistics of SReAM

Start at: 2018-08-02 01:19:27
End at: 2018-08-02 01:19:57
Local clock offset: 3.327 ms
Remote clock offset: -2.513 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.114 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.105 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.084 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.140 ms
Loss rate: 0.36%

Run 3: Report of SReAM — Data Link

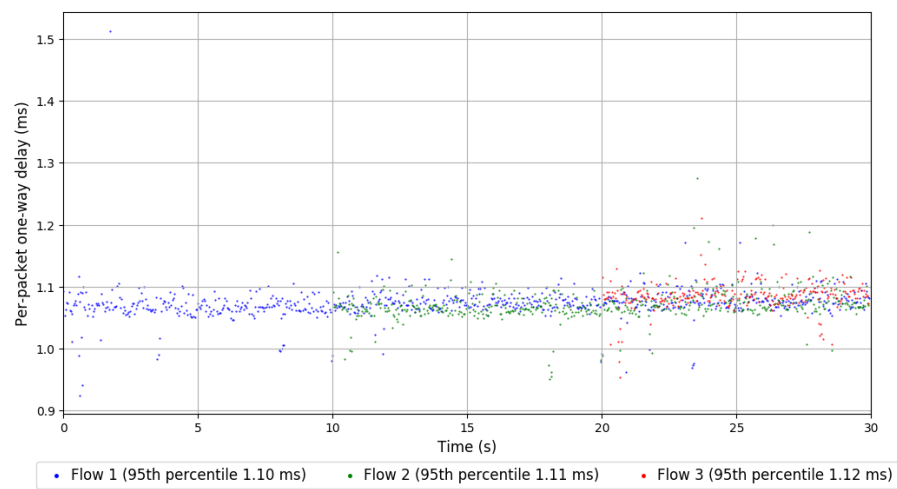
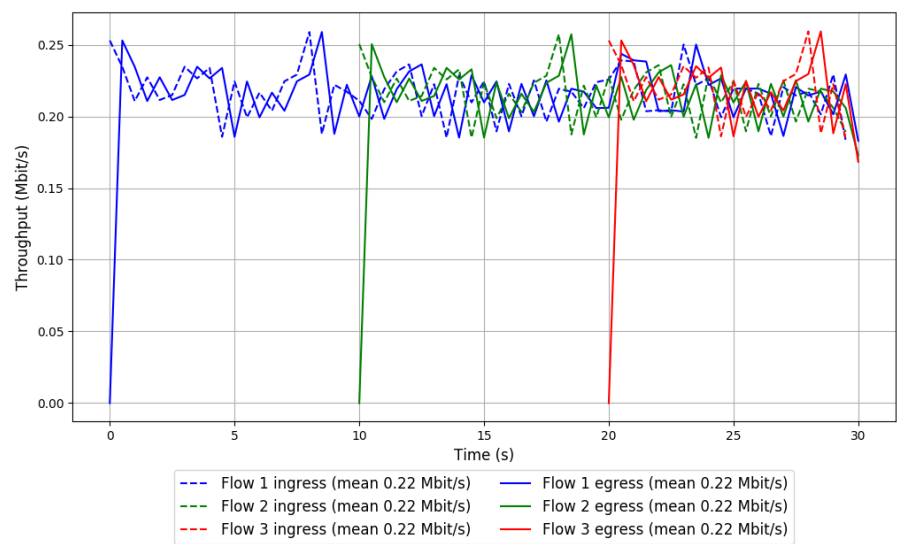


Run 4: Statistics of SReAM

Start at: 2018-08-02 01:46:31
End at: 2018-08-02 01:47:01
Local clock offset: 3.325 ms
Remote clock offset: -2.436 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.109 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.102 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.116 ms
Loss rate: 0.35%

Run 4: Report of SReAM — Data Link

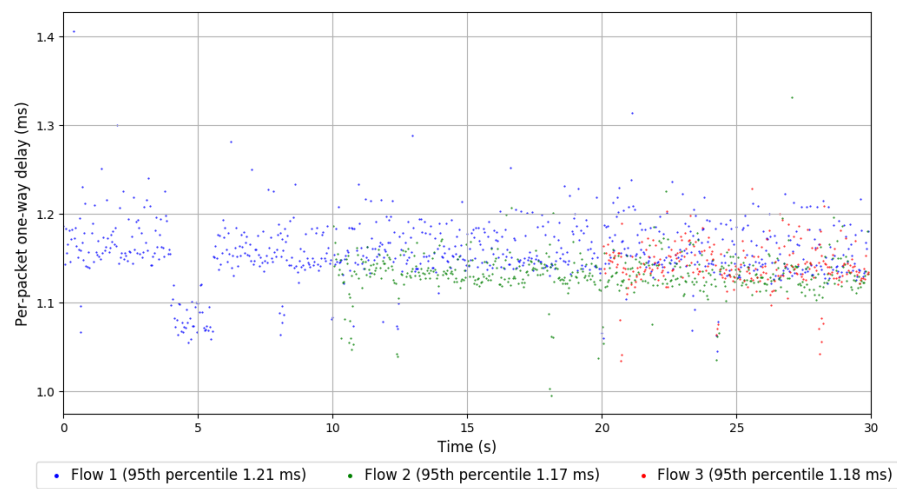
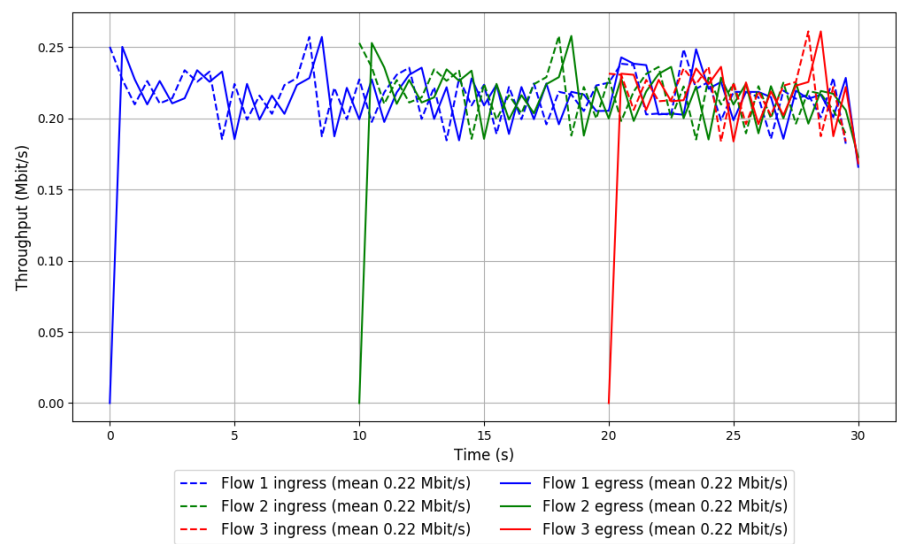


Run 5: Statistics of SReAM

Start at: 2018-08-02 02:13:22
End at: 2018-08-02 02:13:52
Local clock offset: 2.911 ms
Remote clock offset: -2.818 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.198 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.213 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.180 ms
Loss rate: 0.35%

Run 5: Report of SReAM — Data Link

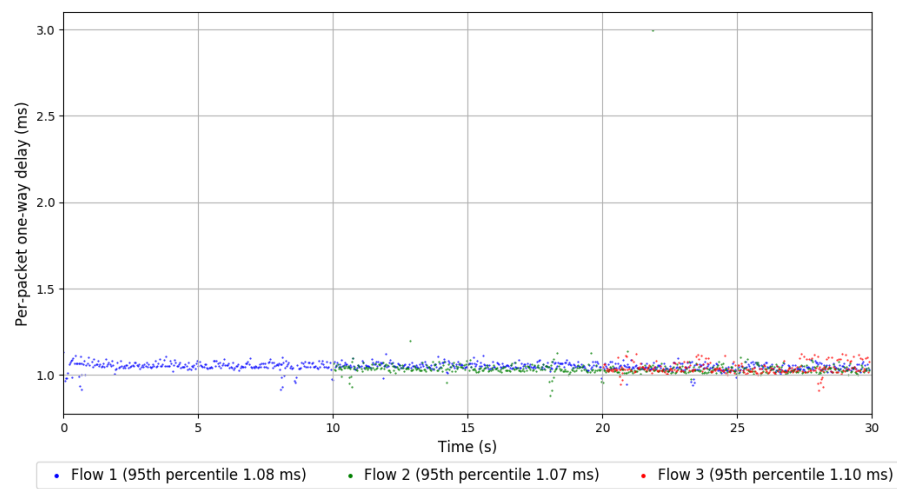
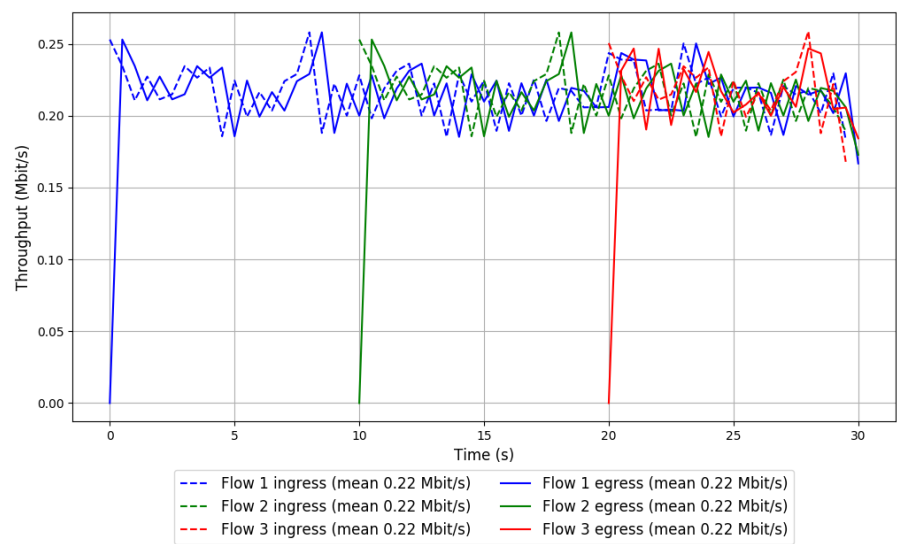


Run 6: Statistics of SReAM

Start at: 2018-08-02 02:40:26
End at: 2018-08-02 02:40:56
Local clock offset: 2.917 ms
Remote clock offset: -3.525 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.080 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.072 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.104 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

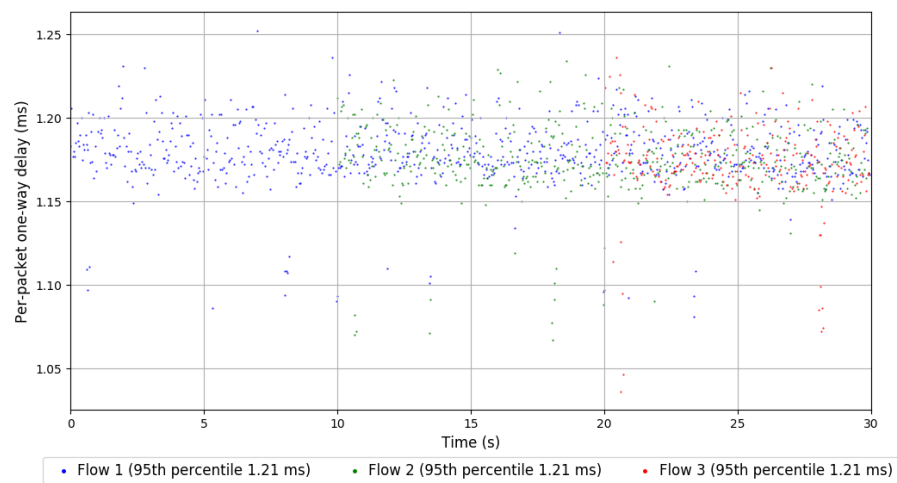
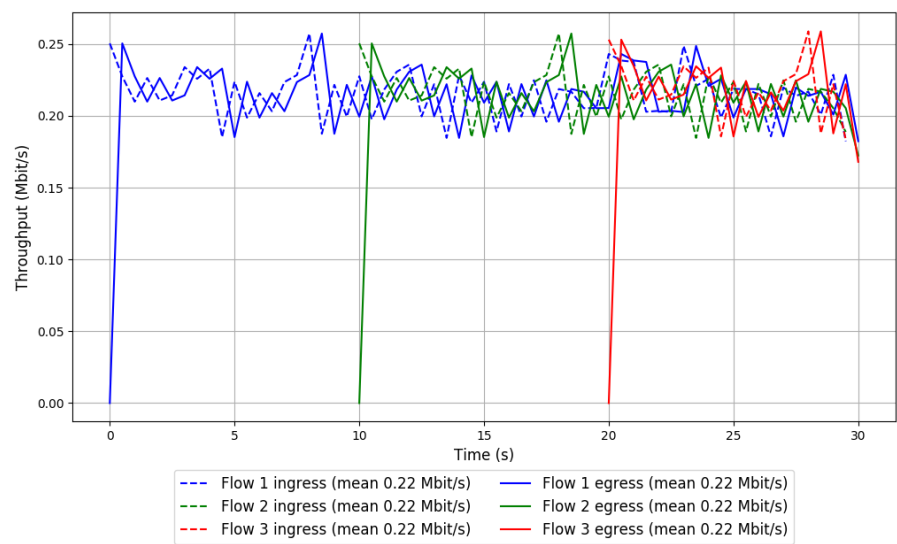


Run 7: Statistics of SReAM

Start at: 2018-08-02 03:07:21
End at: 2018-08-02 03:07:51
Local clock offset: 3.127 ms
Remote clock offset: -2.971 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.208 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.208 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

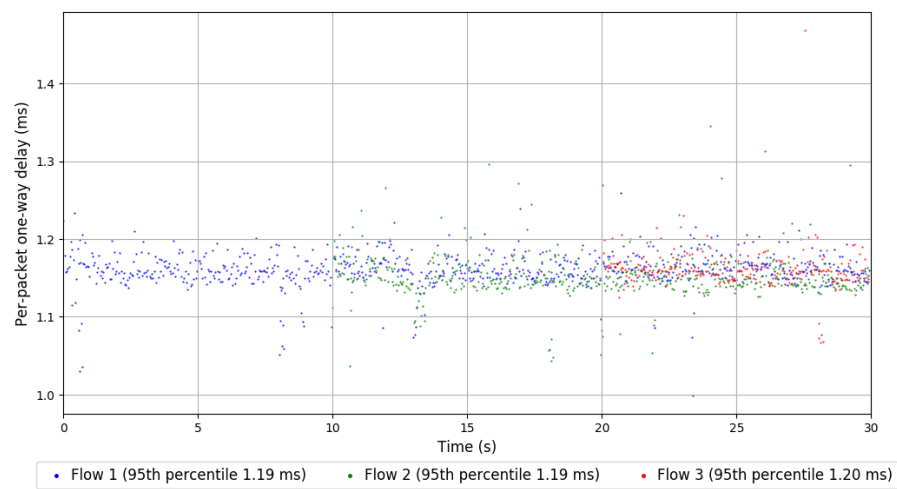
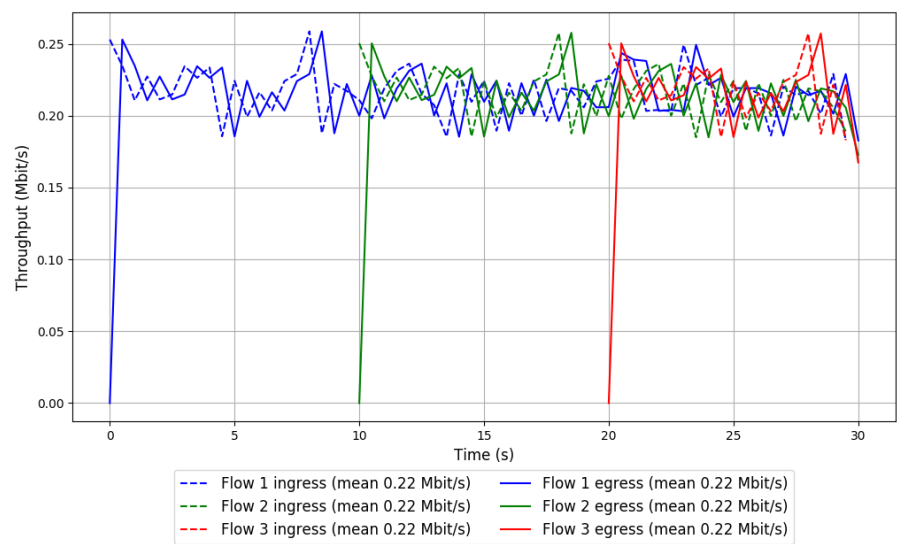


Run 8: Statistics of SReAM

Start at: 2018-08-02 03:34:25
End at: 2018-08-02 03:34:55
Local clock offset: 3.075 ms
Remote clock offset: -2.876 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.194 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.193 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.199 ms
Loss rate: 0.36%

Run 8: Report of SCRaM — Data Link

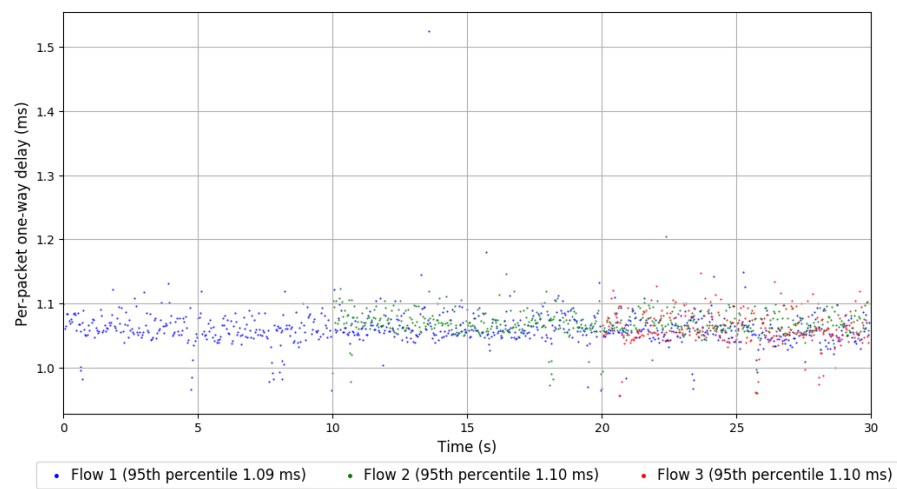
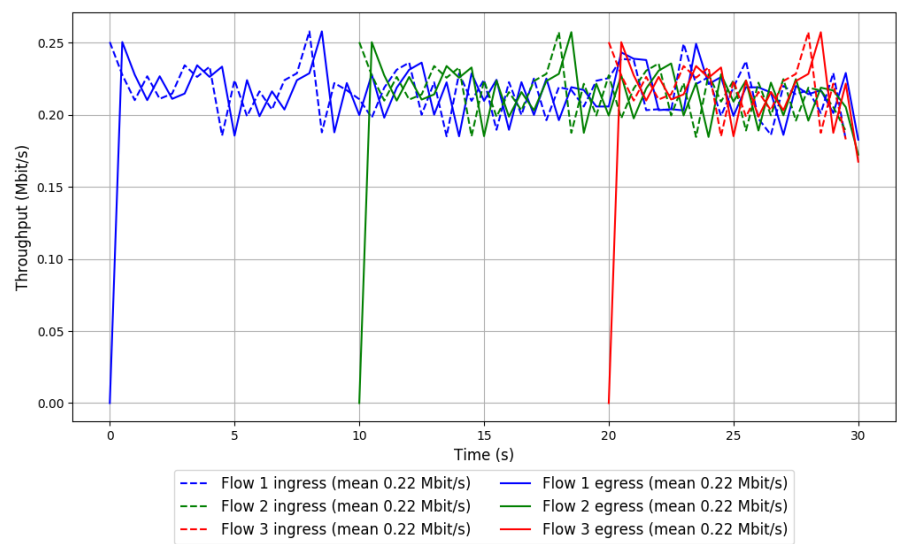


Run 9: Statistics of SReAM

Start at: 2018-08-02 04:01:29
End at: 2018-08-02 04:01:59
Local clock offset: 3.29 ms
Remote clock offset: -2.736 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.095 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.105 ms
Loss rate: 0.36%

Run 9: Report of SReAM — Data Link

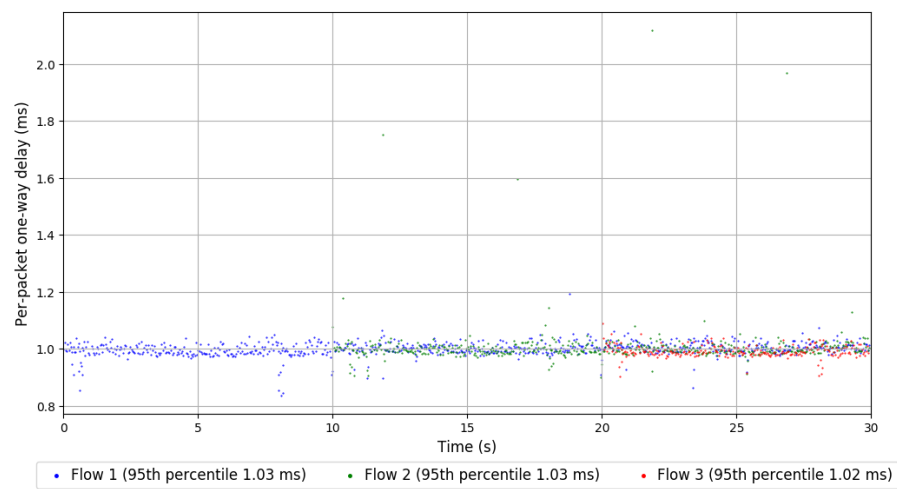
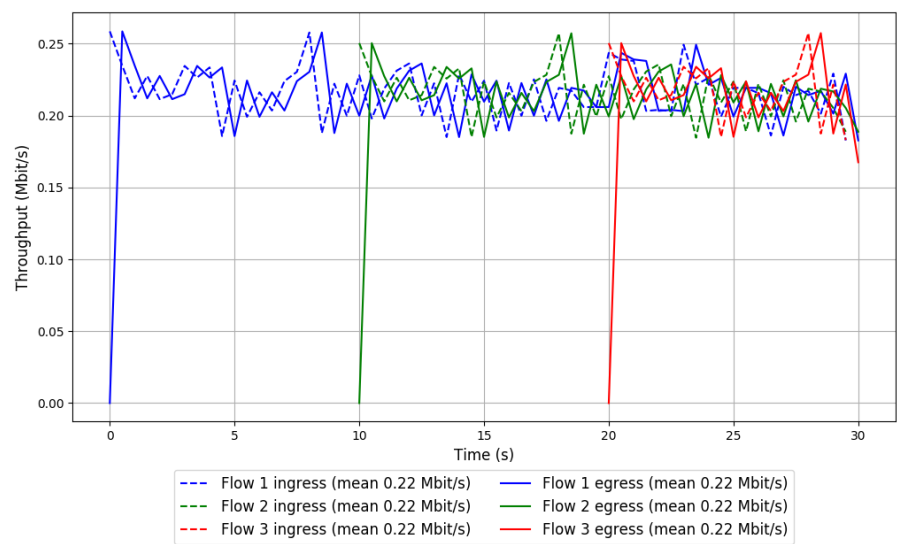


Run 10: Statistics of SCReAM

Start at: 2018-08-02 04:28:23
End at: 2018-08-02 04:28:53
Local clock offset: 3.111 ms
Remote clock offset: -2.719 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.034 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.035 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.035 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.025 ms
Loss rate: 0.35%

Run 10: Report of SReAM — Data Link

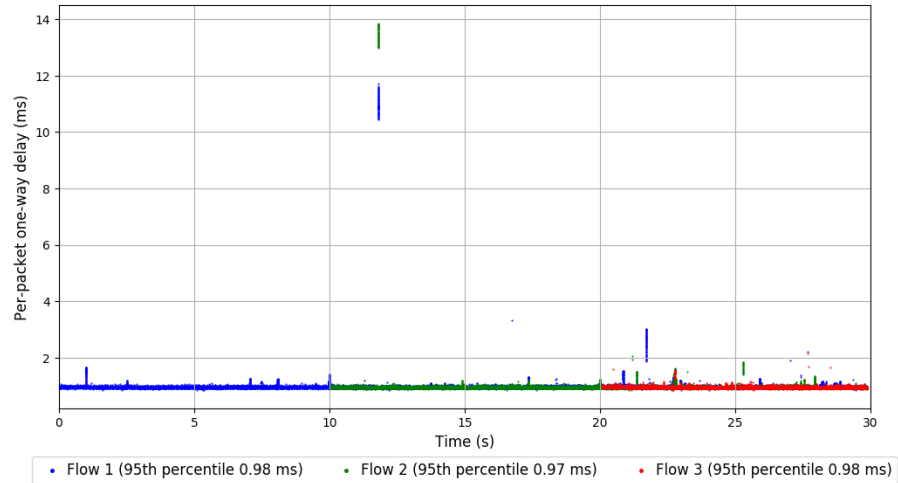
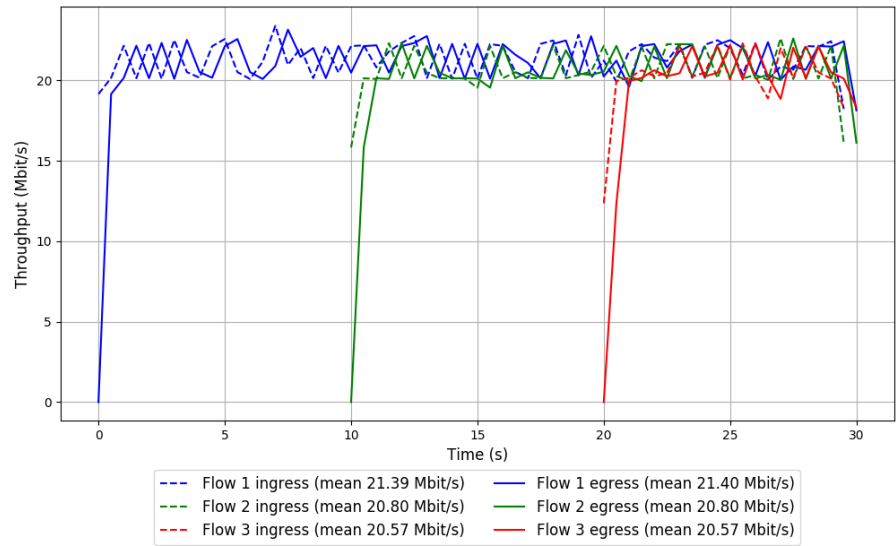


Run 1: Statistics of Sprout

Start at: 2018-08-02 00:34:42
End at: 2018-08-02 00:35:12
Local clock offset: 3.742 ms
Remote clock offset: -2.447 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.96 Mbit/s
95th percentile per-packet one-way delay: 0.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.40 Mbit/s
95th percentile per-packet one-way delay: 0.985 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 20.80 Mbit/s
95th percentile per-packet one-way delay: 0.972 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.57 Mbit/s
95th percentile per-packet one-way delay: 0.976 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

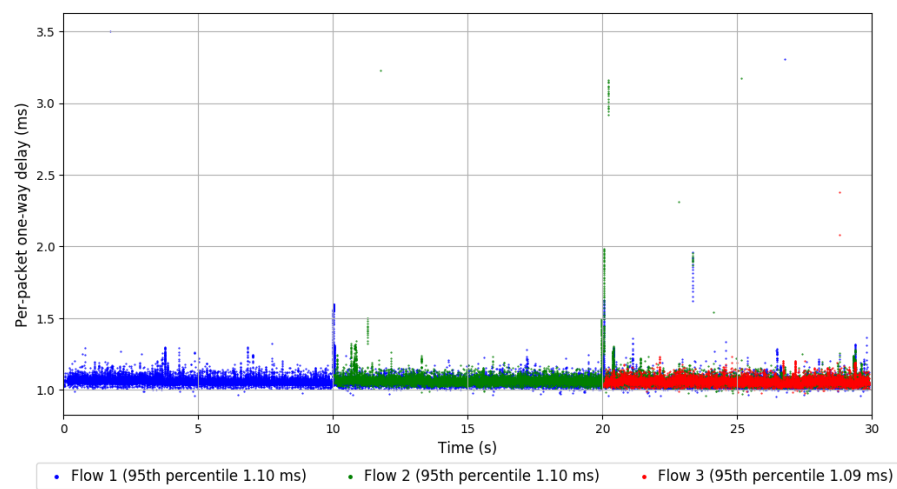
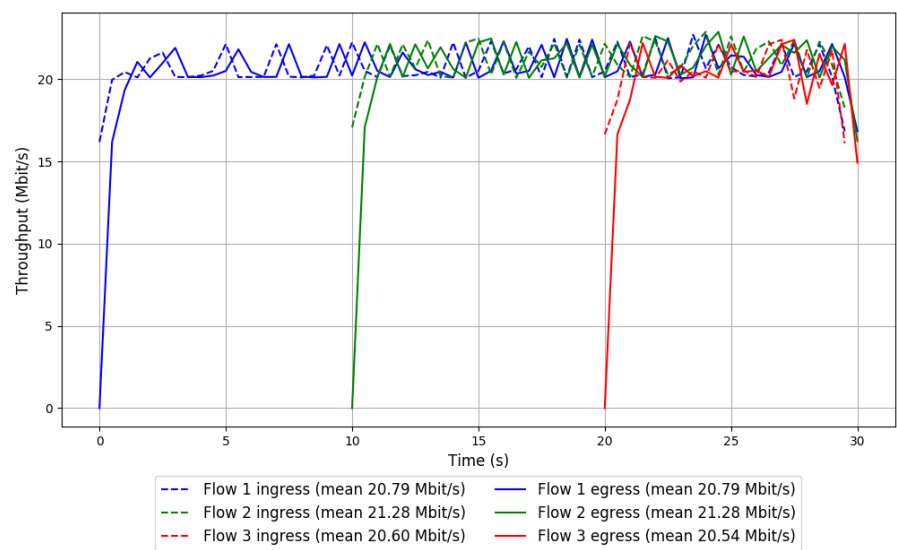


Run 2: Statistics of Sprout

Start at: 2018-08-02 01:01:35
End at: 2018-08-02 01:02:05
Local clock offset: 3.659 ms
Remote clock offset: -2.286 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.66 Mbit/s
95th percentile per-packet one-way delay: 1.099 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 20.79 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.28 Mbit/s
95th percentile per-packet one-way delay: 1.101 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 1.092 ms
Loss rate: 0.29%

Run 2: Report of Sprout — Data Link

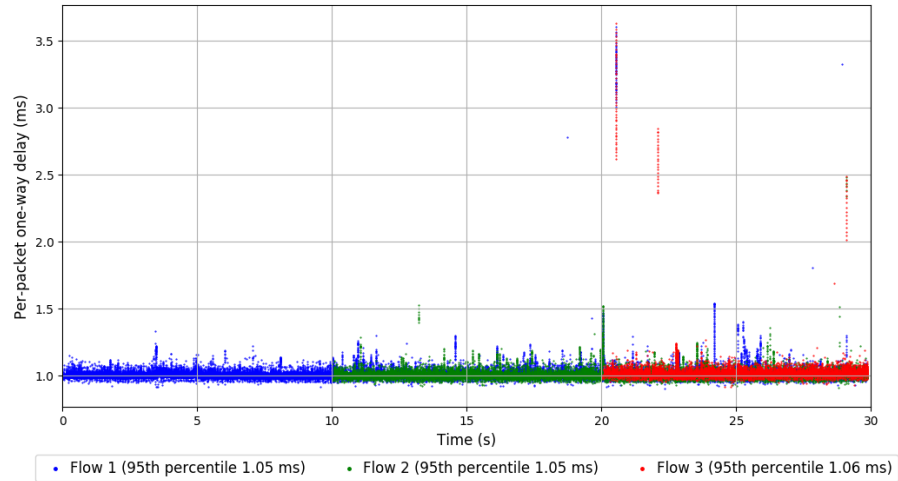
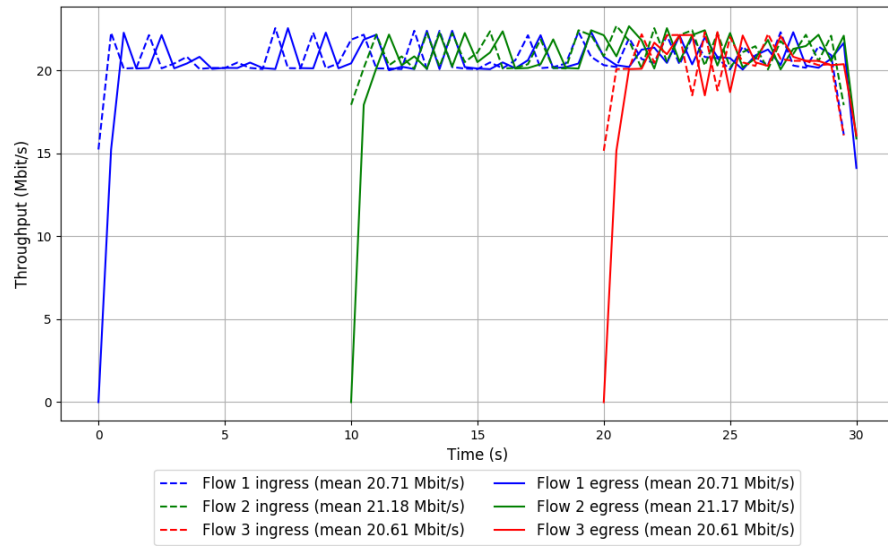


Run 3: Statistics of Sprout

Start at: 2018-08-02 01:28:40
End at: 2018-08-02 01:29:10
Local clock offset: 3.474 ms
Remote clock offset: -2.395 ms

```
# Below is generated by plot.py at 2018-08-02 06:44:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 1.052 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 20.71 Mbit/s
95th percentile per-packet one-way delay: 1.053 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 21.17 Mbit/s
95th percentile per-packet one-way delay: 1.046 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.61 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

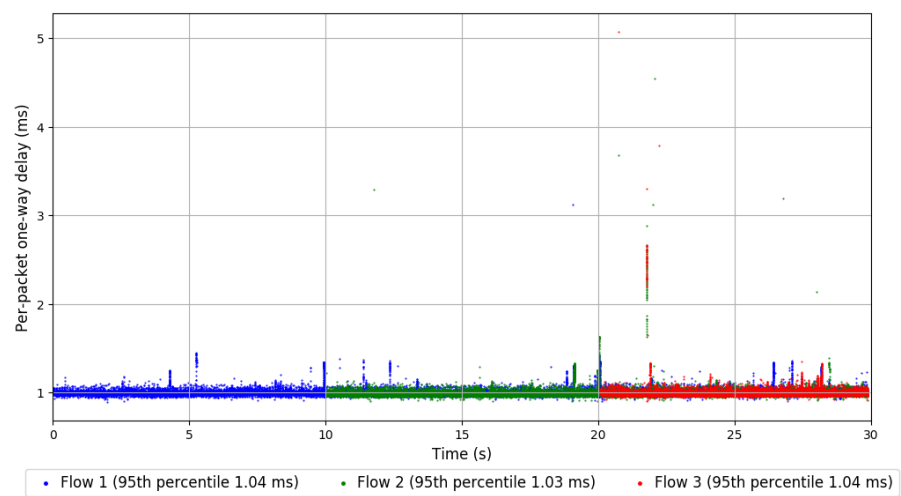
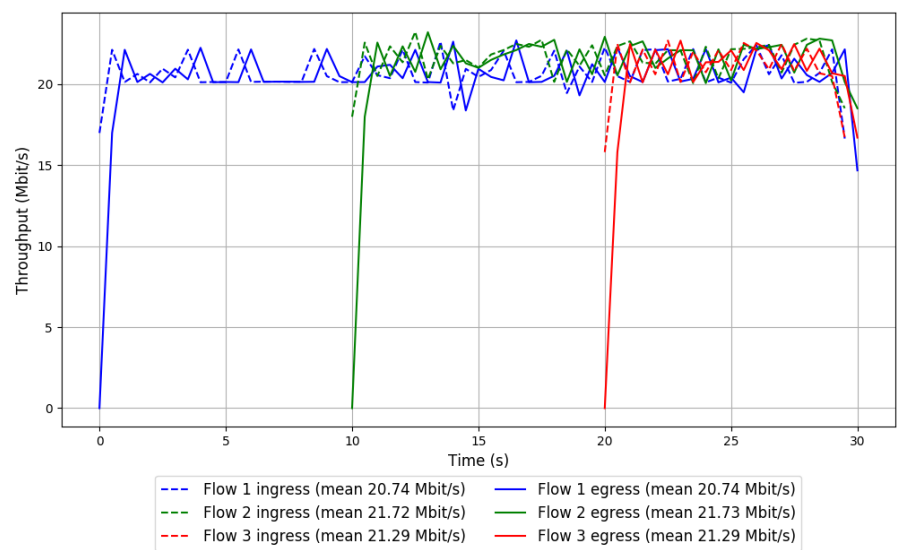


Run 4: Statistics of Sprout

Start at: 2018-08-02 01:55:36
End at: 2018-08-02 01:56:06
Local clock offset: 3.171 ms
Remote clock offset: -2.386 ms

```
# Below is generated by plot.py at 2018-08-02 06:44:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.17 Mbit/s
95th percentile per-packet one-way delay: 1.037 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 20.74 Mbit/s
95th percentile per-packet one-way delay: 1.039 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 21.73 Mbit/s
95th percentile per-packet one-way delay: 1.033 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.29 Mbit/s
95th percentile per-packet one-way delay: 1.039 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

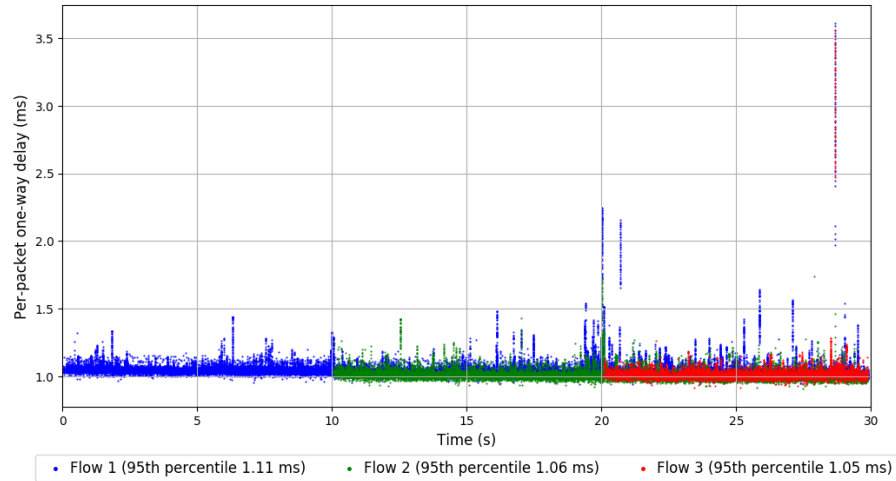
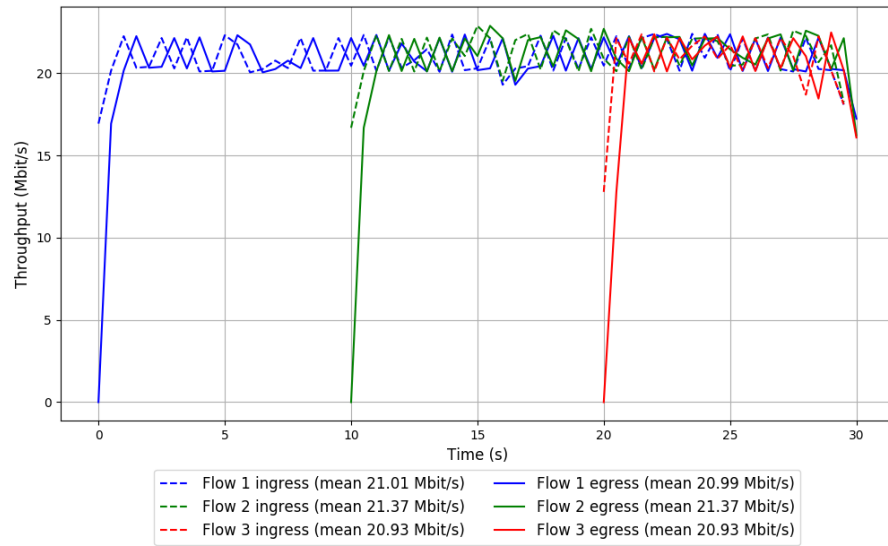


Run 5: Statistics of Sprout

Start at: 2018-08-02 02:22:32
End at: 2018-08-02 02:23:03
Local clock offset: 2.723 ms
Remote clock offset: -3.198 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.03 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 20.99 Mbit/s
95th percentile per-packet one-way delay: 1.114 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 21.37 Mbit/s
95th percentile per-packet one-way delay: 1.056 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.93 Mbit/s
95th percentile per-packet one-way delay: 1.052 ms
Loss rate: 0.49%

Run 5: Report of Sprout — Data Link

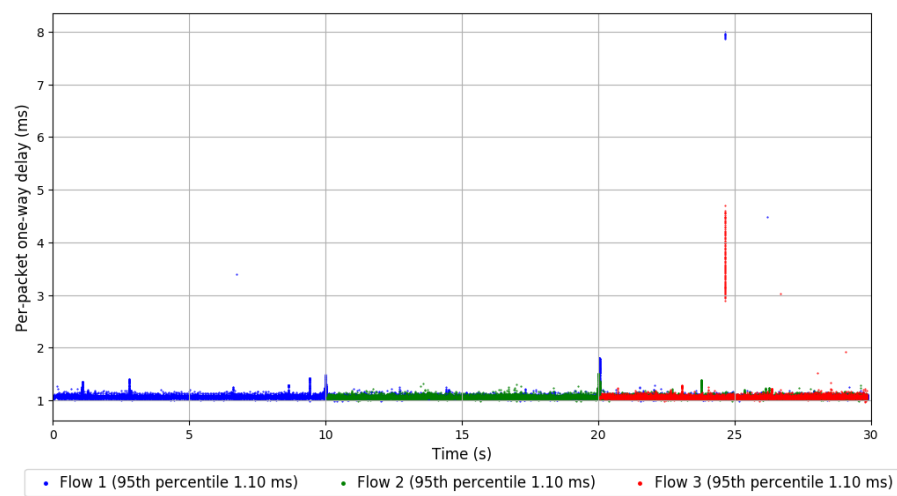
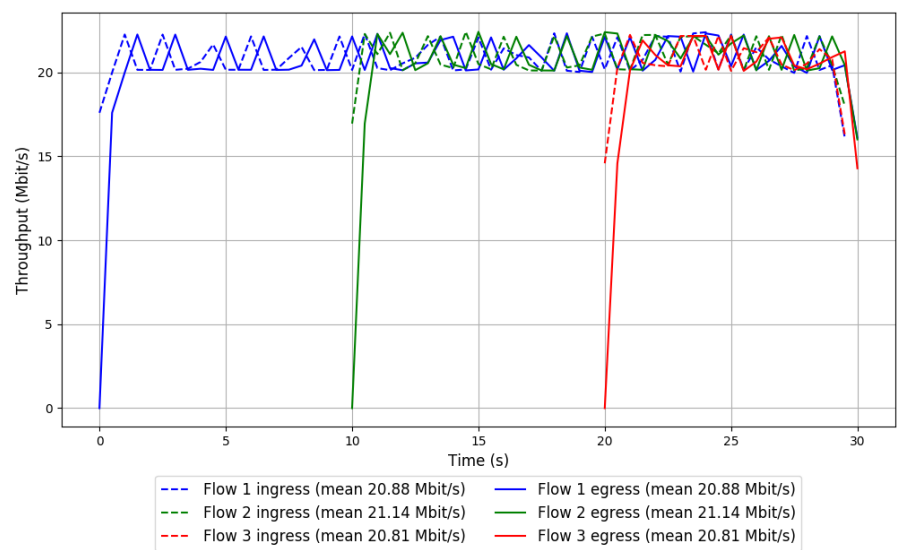


Run 6: Statistics of Sprout

Start at: 2018-08-02 02:49:33
End at: 2018-08-02 02:50:03
Local clock offset: 3.208 ms
Remote clock offset: -3.127 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.72 Mbit/s
95th percentile per-packet one-way delay: 1.101 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 20.88 Mbit/s
95th percentile per-packet one-way delay: 1.102 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.14 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.81 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.49%

Run 6: Report of Sprout — Data Link

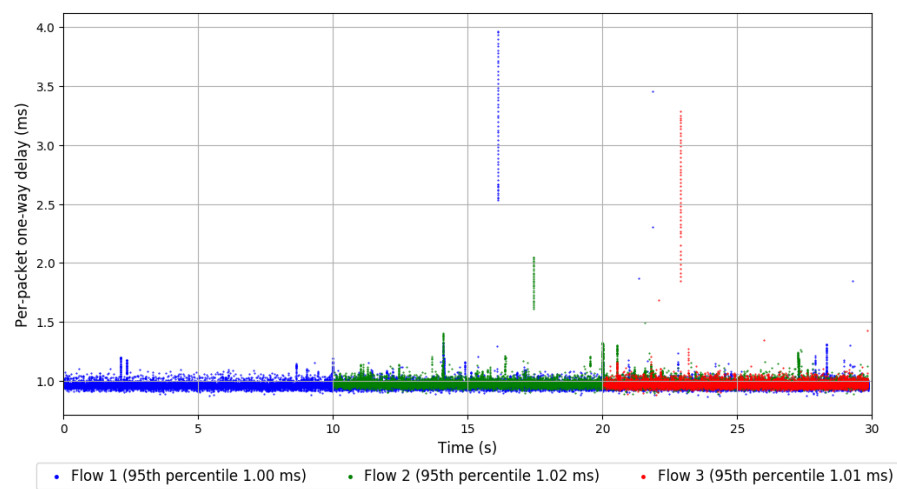
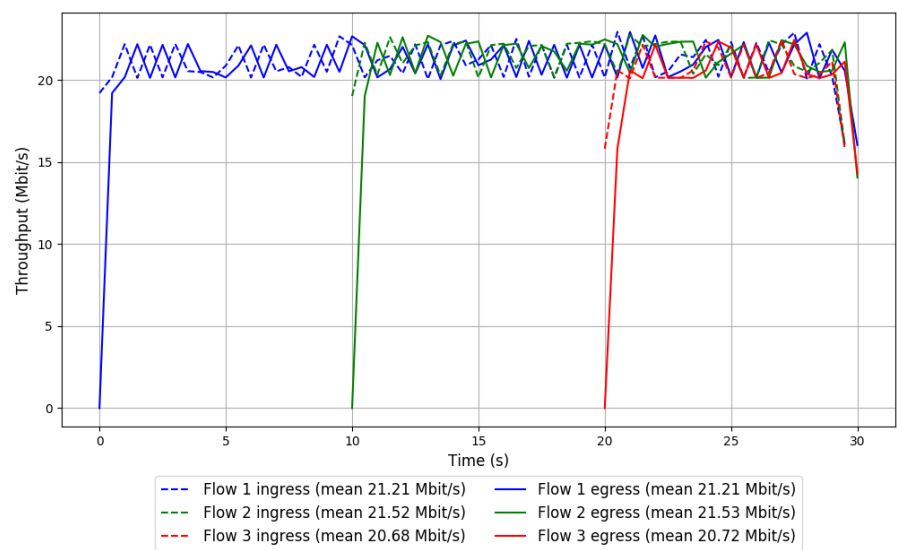


Run 7: Statistics of Sprout

Start at: 2018-08-02 03:16:32
End at: 2018-08-02 03:17:02
Local clock offset: 3.052 ms
Remote clock offset: -2.92 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.29 Mbit/s
95th percentile per-packet one-way delay: 1.008 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 21.21 Mbit/s
95th percentile per-packet one-way delay: 0.999 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.53 Mbit/s
95th percentile per-packet one-way delay: 1.016 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.72 Mbit/s
95th percentile per-packet one-way delay: 1.006 ms
Loss rate: 0.38%

Run 7: Report of Sprout — Data Link

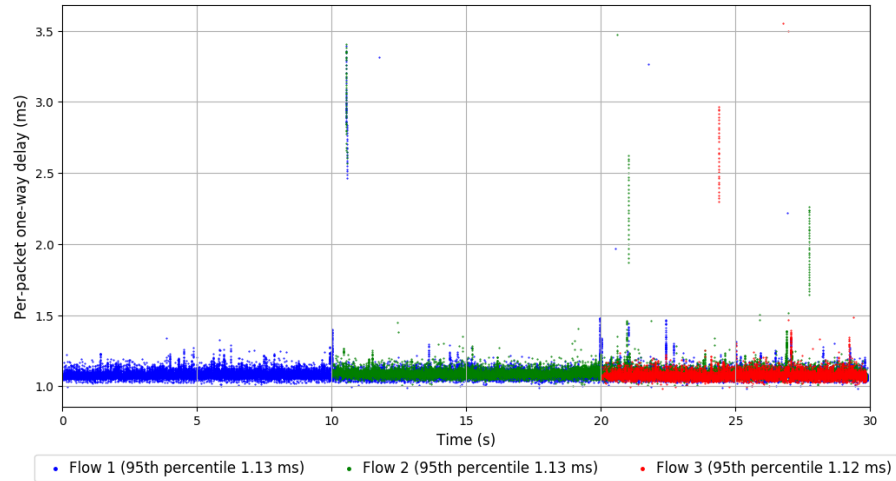
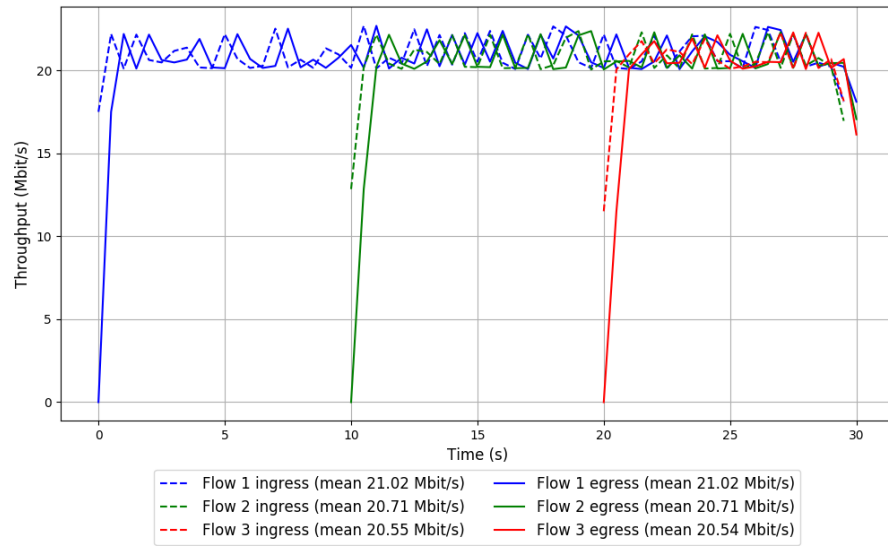


Run 8: Statistics of Sprout

Start at: 2018-08-02 03:43:37
End at: 2018-08-02 03:44:07
Local clock offset: 3.078 ms
Remote clock offset: -2.88 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.53 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 21.02 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.71 Mbit/s
95th percentile per-packet one-way delay: 1.130 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 1.117 ms
Loss rate: 0.50%

Run 8: Report of Sprout — Data Link

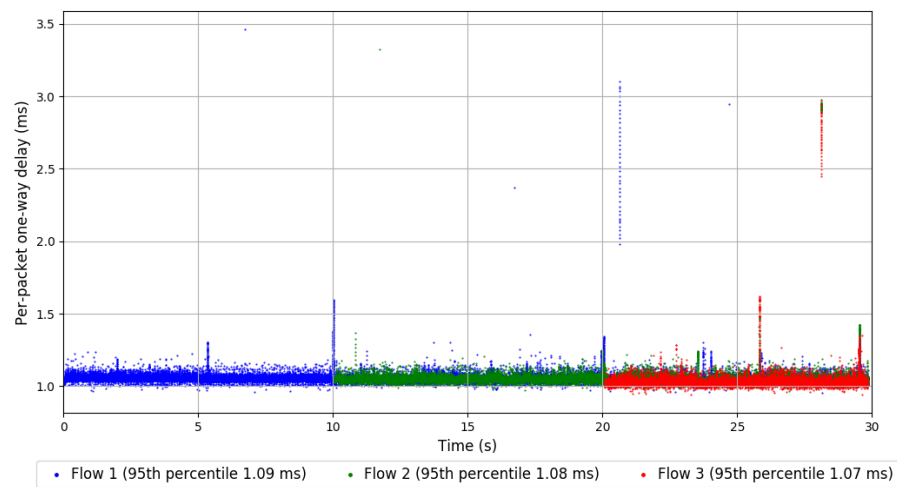
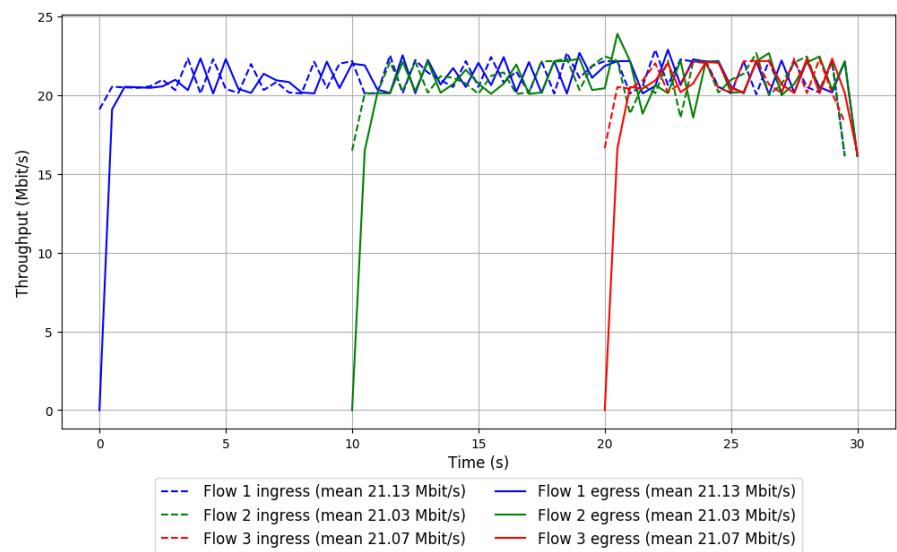


Run 9: Statistics of Sprout

Start at: 2018-08-02 04:10:35
End at: 2018-08-02 04:11:05
Local clock offset: 3.386 ms
Remote clock offset: -2.799 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.99 Mbit/s
95th percentile per-packet one-way delay: 1.084 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 21.13 Mbit/s
95th percentile per-packet one-way delay: 1.088 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.03 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.07 Mbit/s
95th percentile per-packet one-way delay: 1.070 ms
Loss rate: 0.49%

Run 9: Report of Sprout — Data Link

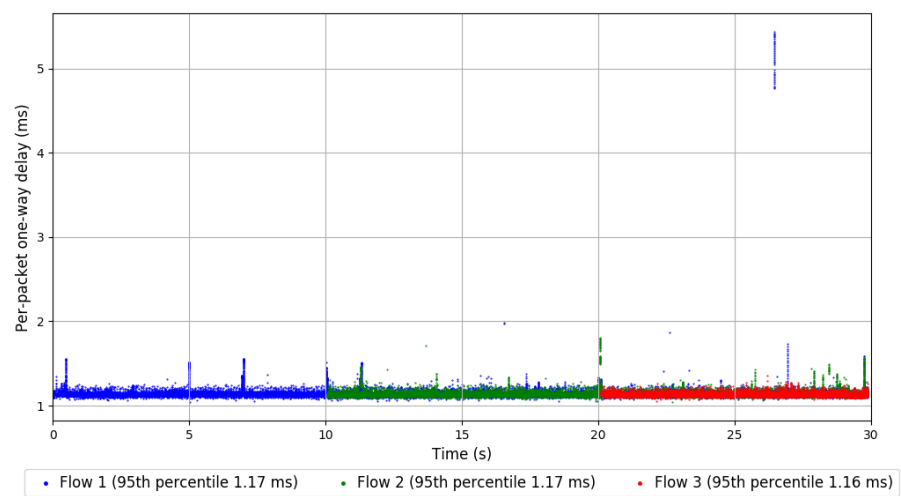
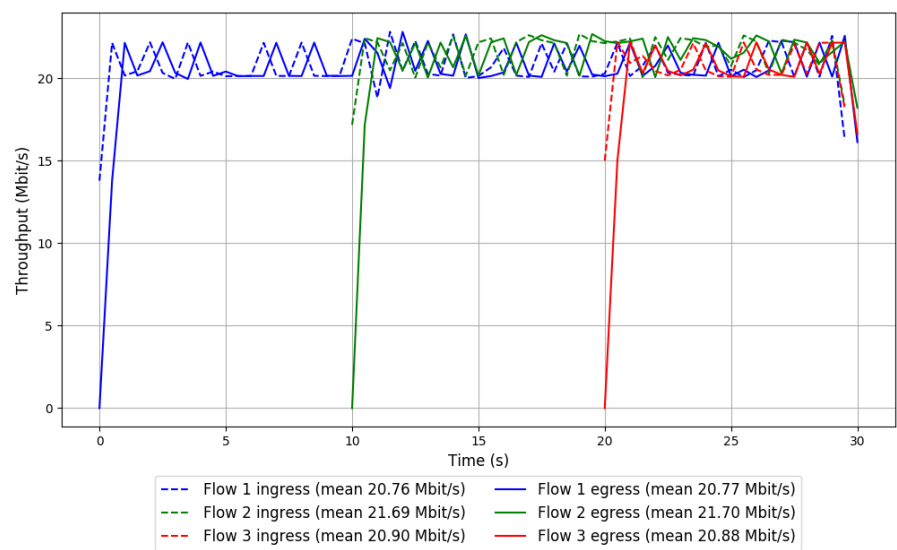


Run 10: Statistics of Sprout

Start at: 2018-08-02 04:37:27
End at: 2018-08-02 04:37:57
Local clock offset: 3.011 ms
Remote clock offset: -2.879 ms

Below is generated by plot.py at 2018-08-02 06:44:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 42.04 Mbit/s
95th percentile per-packet one-way delay: 1.169 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 20.77 Mbit/s
95th percentile per-packet one-way delay: 1.169 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 21.70 Mbit/s
95th percentile per-packet one-way delay: 1.170 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 20.88 Mbit/s
95th percentile per-packet one-way delay: 1.163 ms
Loss rate: 0.38%

Run 10: Report of Sprout — Data Link

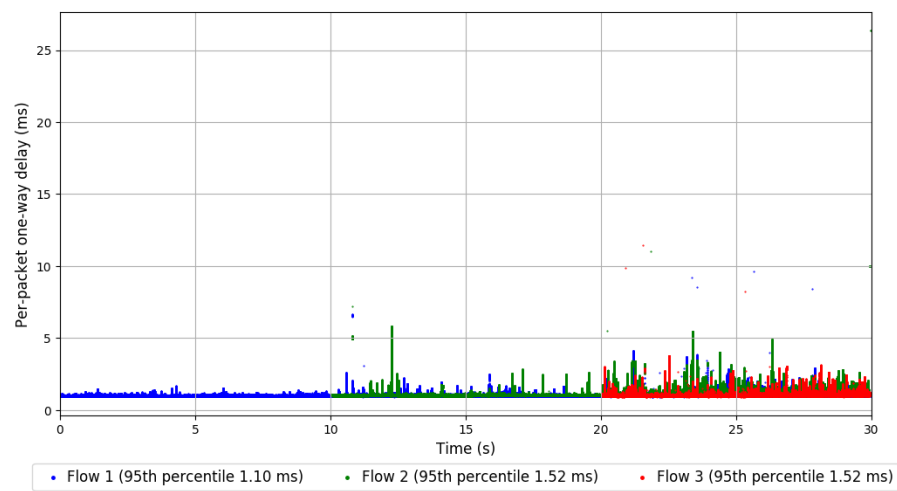
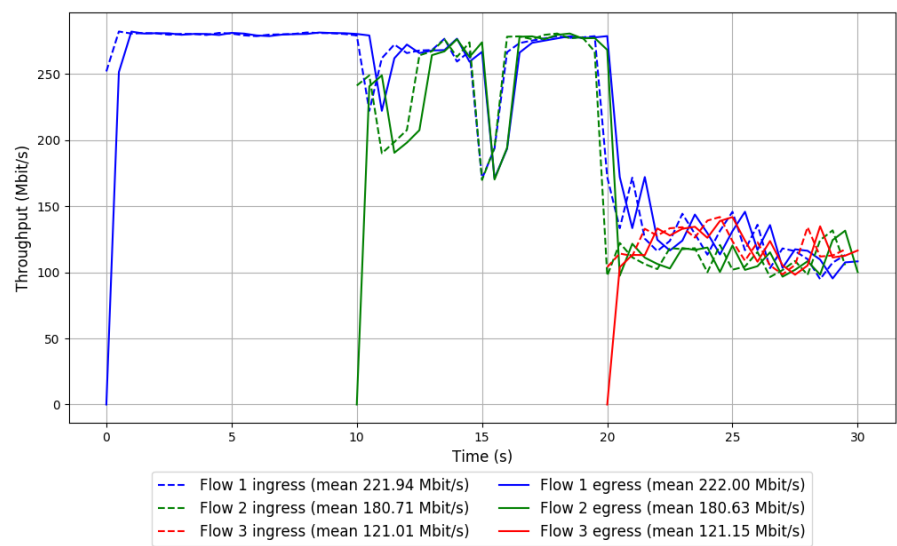


Run 1: Statistics of TaoVA-100x

Start at: 2018-08-02 00:23:49
End at: 2018-08-02 00:24:19
Local clock offset: 3.85 ms
Remote clock offset: -2.265 ms

Below is generated by plot.py at 2018-08-02 06:51:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.36 Mbit/s
95th percentile per-packet one-way delay: 1.254 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 222.00 Mbit/s
95th percentile per-packet one-way delay: 1.104 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 180.63 Mbit/s
95th percentile per-packet one-way delay: 1.517 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 121.15 Mbit/s
95th percentile per-packet one-way delay: 1.522 ms
Loss rate: 0.07%

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

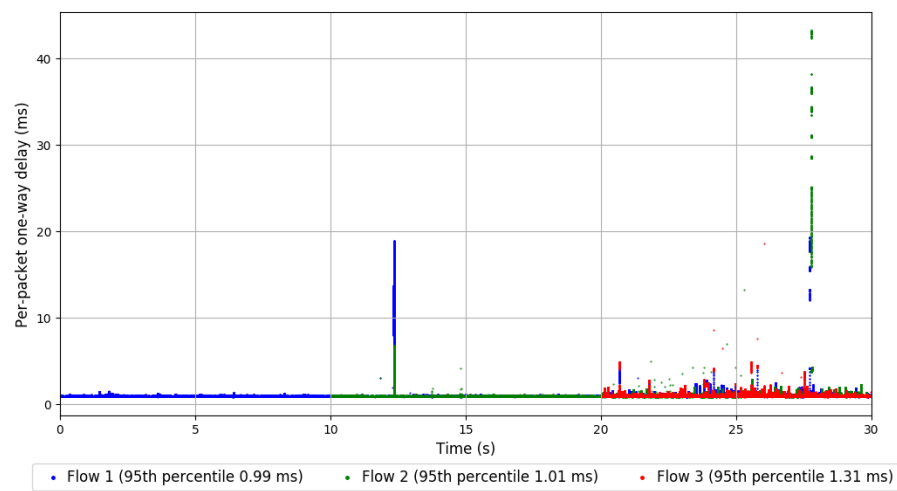
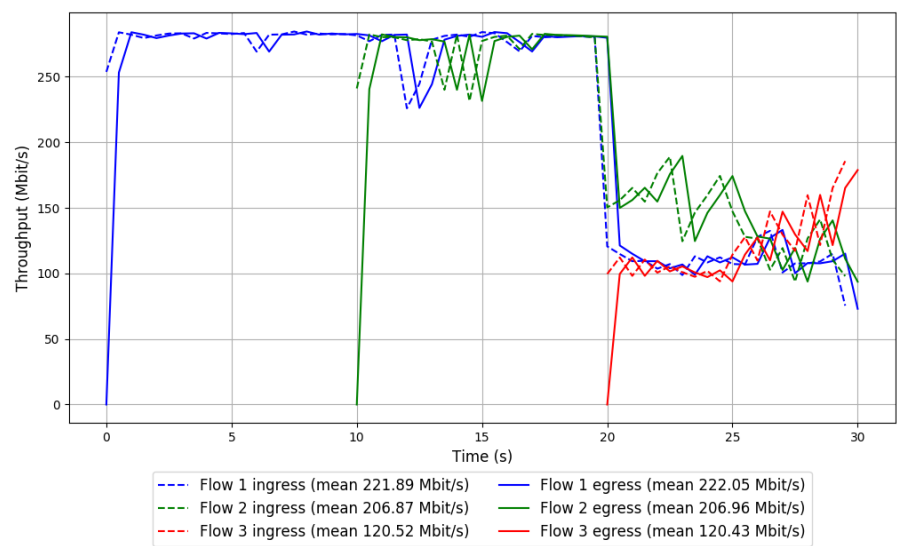


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-02 00:50:43
End at: 2018-08-02 00:51:13
Local clock offset: 3.741 ms
Remote clock offset: -2.289 ms

Below is generated by plot.py at 2018-08-02 06:51:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 399.66 Mbit/s
95th percentile per-packet one-way delay: 1.037 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 222.05 Mbit/s
95th percentile per-packet one-way delay: 0.995 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 206.96 Mbit/s
95th percentile per-packet one-way delay: 1.013 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 120.43 Mbit/s
95th percentile per-packet one-way delay: 1.306 ms
Loss rate: 0.29%

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

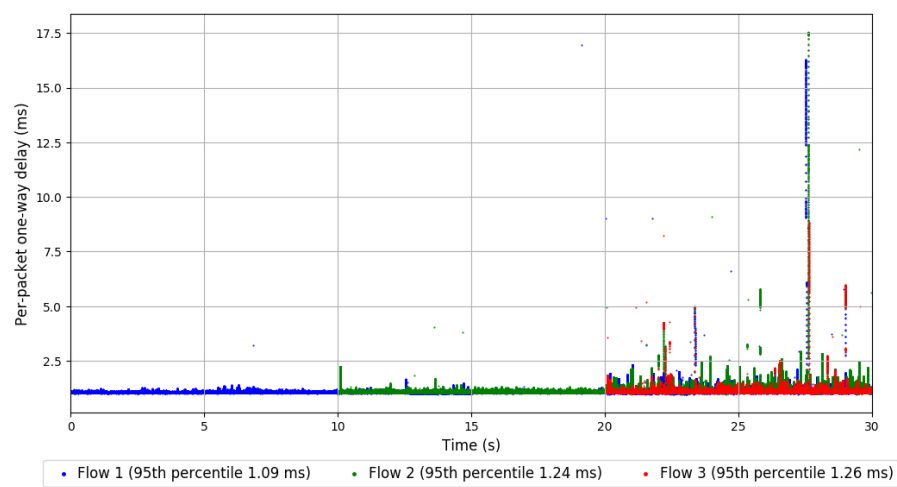
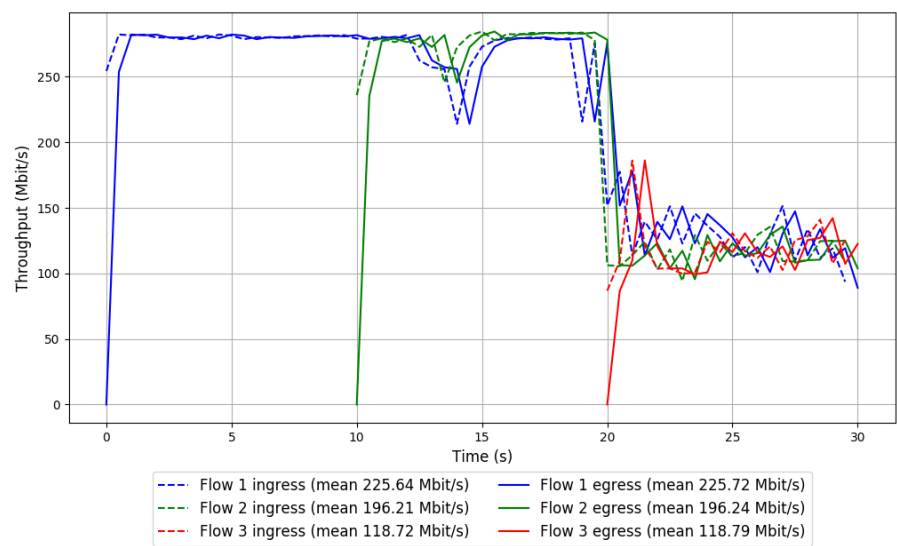


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-02 01:17:45
End at: 2018-08-02 01:18:15
Local clock offset: 3.416 ms
Remote clock offset: -2.556 ms

Below is generated by plot.py at 2018-08-02 06:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 395.68 Mbit/s
95th percentile per-packet one-way delay: 1.152 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 225.72 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 196.24 Mbit/s
95th percentile per-packet one-way delay: 1.239 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 118.79 Mbit/s
95th percentile per-packet one-way delay: 1.262 ms
Loss rate: 0.14%

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

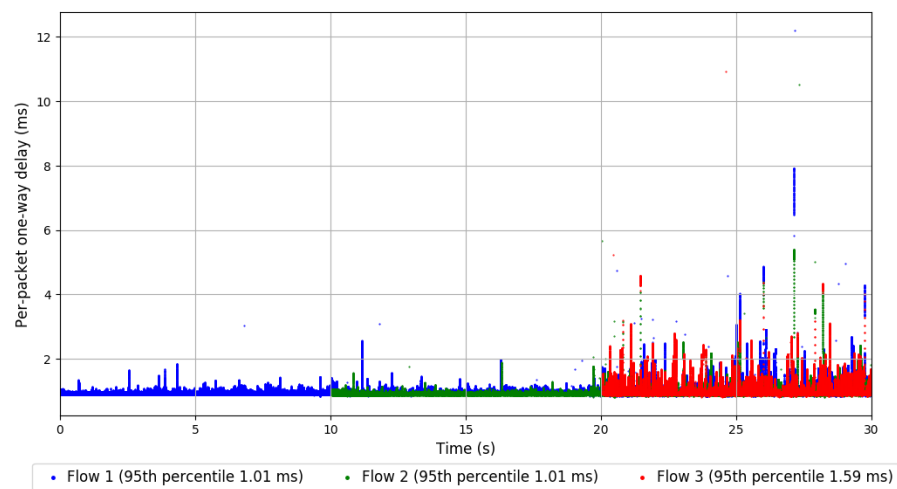
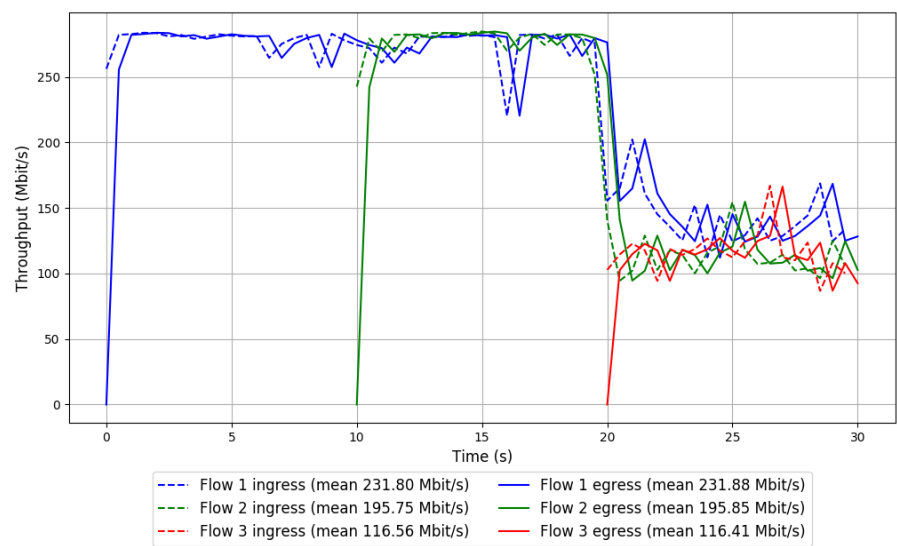


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-02 01:44:48
End at: 2018-08-02 01:45:18
Local clock offset: 3.341 ms
Remote clock offset: -2.378 ms

Below is generated by plot.py at 2018-08-02 06:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 400.83 Mbit/s
95th percentile per-packet one-way delay: 1.065 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 231.88 Mbit/s
95th percentile per-packet one-way delay: 1.012 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 195.85 Mbit/s
95th percentile per-packet one-way delay: 1.008 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 116.41 Mbit/s
95th percentile per-packet one-way delay: 1.586 ms
Loss rate: 0.33%

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

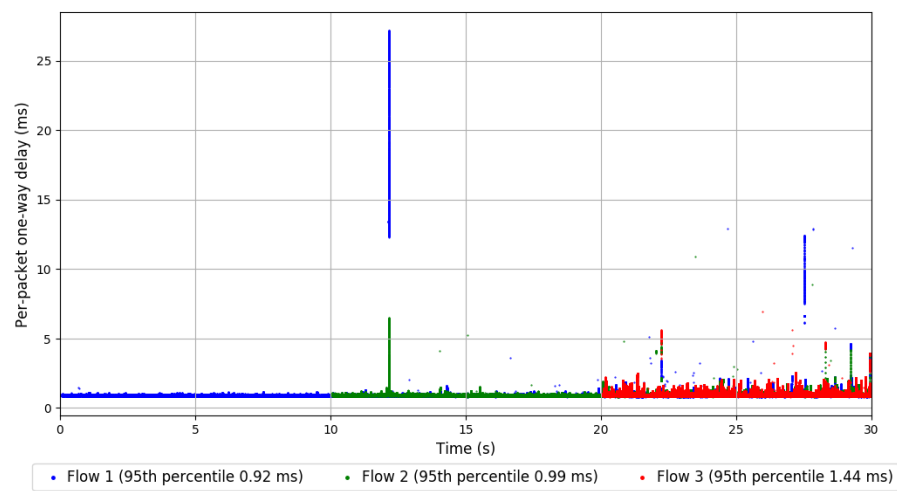
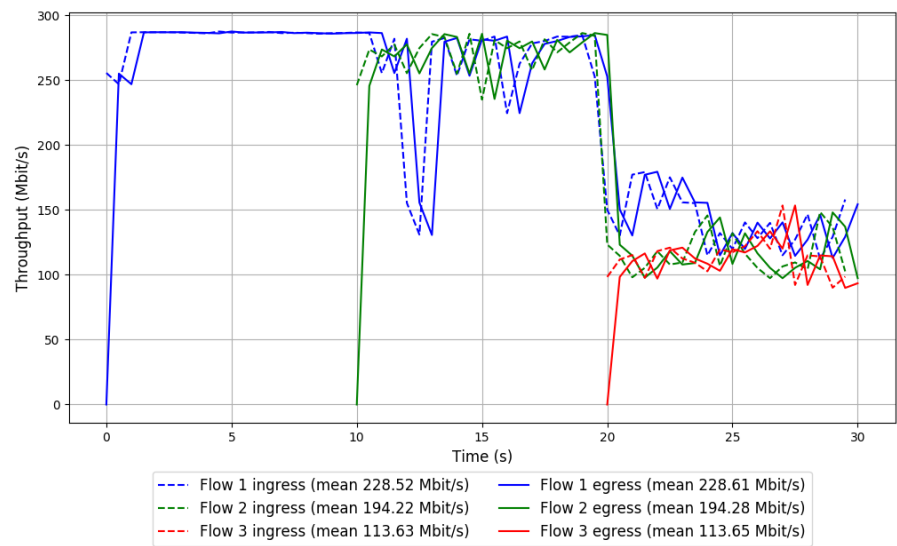


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-02 02:11:40
End at: 2018-08-02 02:12:10
Local clock offset: 2.849 ms
Remote clock offset: -2.654 ms

Below is generated by plot.py at 2018-08-02 06:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 395.58 Mbit/s
95th percentile per-packet one-way delay: 0.996 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 228.61 Mbit/s
95th percentile per-packet one-way delay: 0.922 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 194.28 Mbit/s
95th percentile per-packet one-way delay: 0.987 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 113.65 Mbit/s
95th percentile per-packet one-way delay: 1.436 ms
Loss rate: 0.24%

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

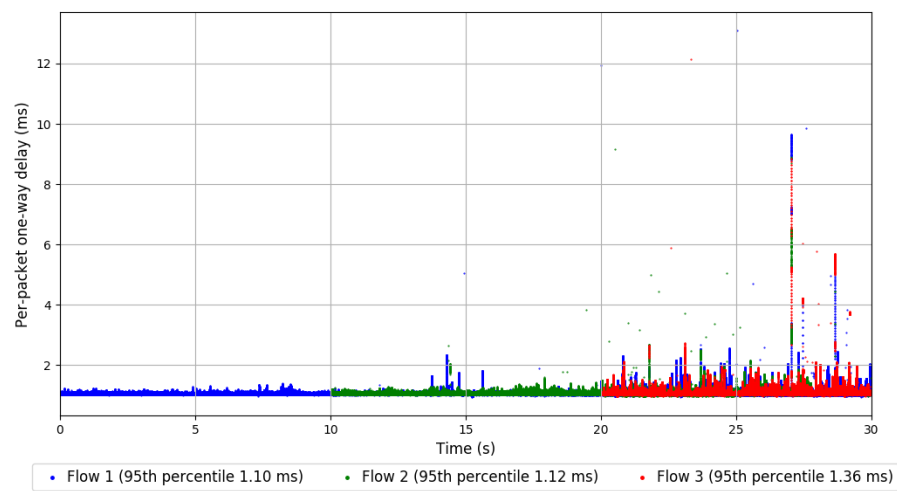
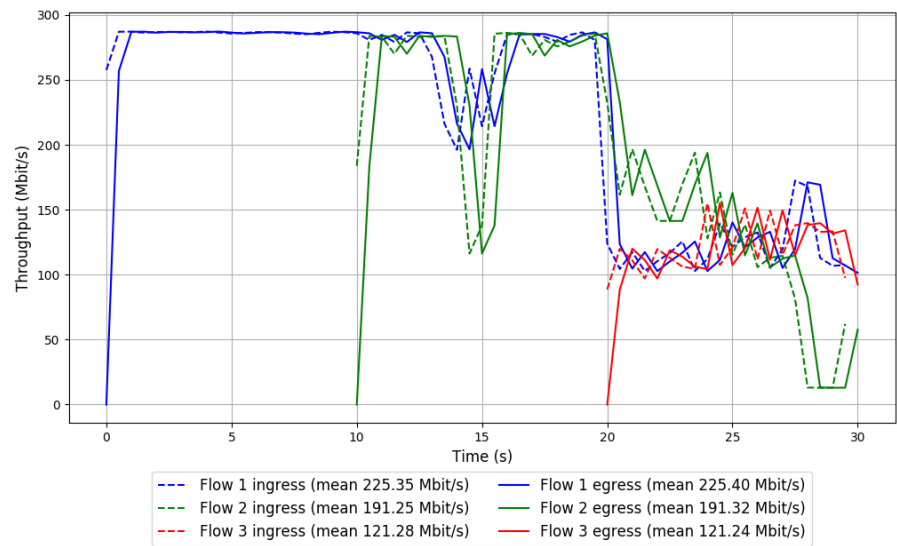


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-02 02:38:44
End at: 2018-08-02 02:39:14
Local clock offset: 2.984 ms
Remote clock offset: -3.513 ms

Below is generated by plot.py at 2018-08-02 06:51:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 392.91 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 225.40 Mbit/s
95th percentile per-packet one-way delay: 1.097 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 191.32 Mbit/s
95th percentile per-packet one-way delay: 1.119 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 121.24 Mbit/s
95th percentile per-packet one-way delay: 1.357 ms
Loss rate: 0.23%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-08-02 03:05:39

End at: 2018-08-02 03:06:09

Local clock offset: 3.122 ms

Remote clock offset: -2.96 ms

Below is generated by plot.py at 2018-08-02 06:51:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 393.75 Mbit/s

95th percentile per-packet one-way delay: 1.283 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 216.34 Mbit/s

95th percentile per-packet one-way delay: 1.168 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 205.70 Mbit/s

95th percentile per-packet one-way delay: 1.311 ms

Loss rate: 0.03%

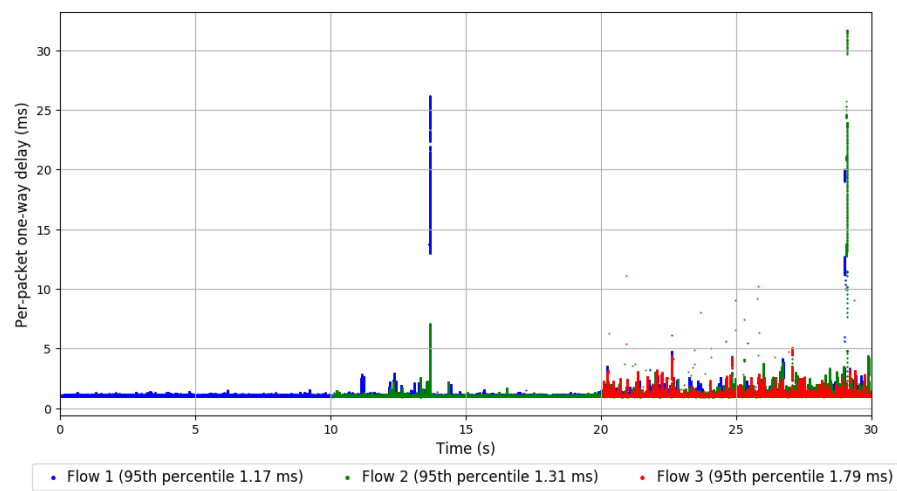
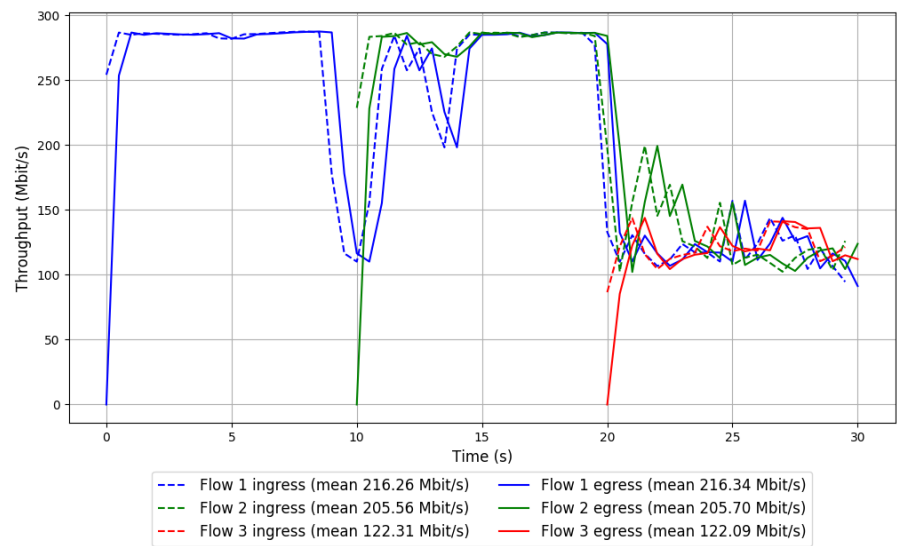
-- Flow 3:

Average throughput: 122.09 Mbit/s

95th percentile per-packet one-way delay: 1.789 ms

Loss rate: 0.38%

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

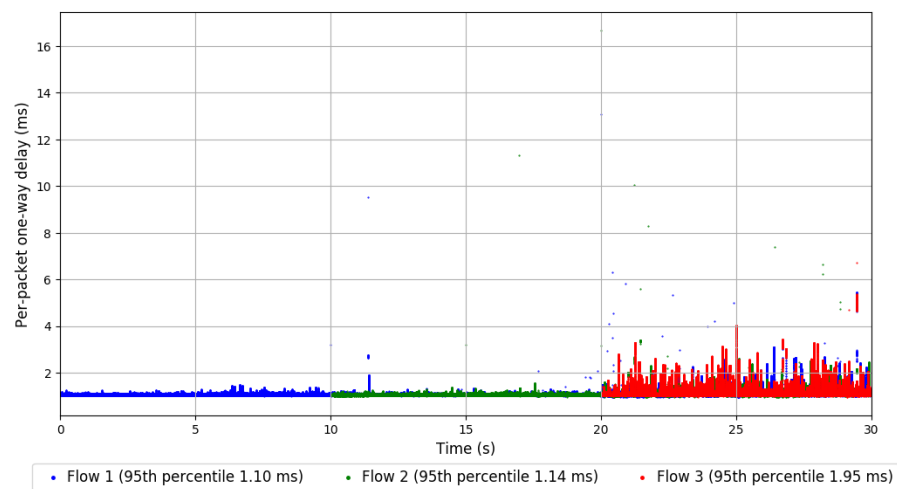
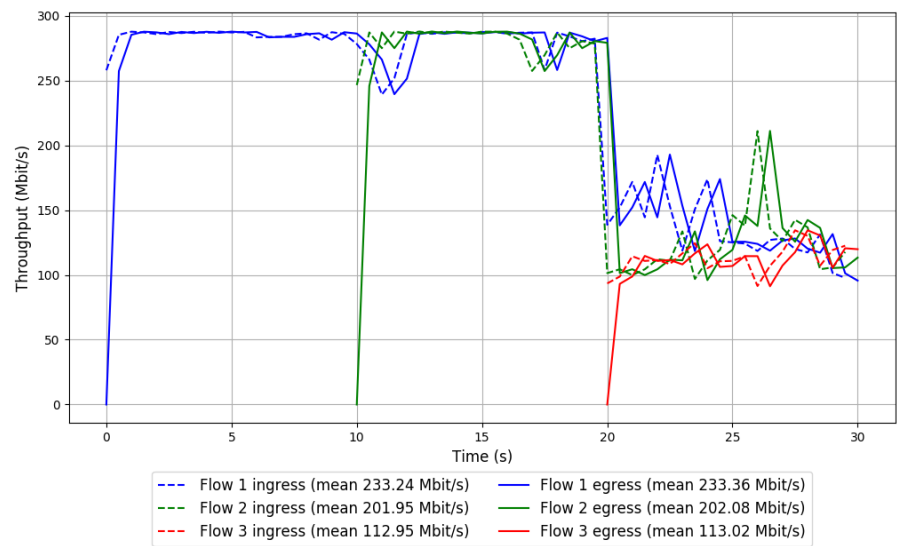


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-02 03:32:42
End at: 2018-08-02 03:33:12
Local clock offset: 3.062 ms
Remote clock offset: -2.902 ms

Below is generated by plot.py at 2018-08-02 06:52:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 405.37 Mbit/s
95th percentile per-packet one-way delay: 1.188 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 233.36 Mbit/s
95th percentile per-packet one-way delay: 1.098 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 202.08 Mbit/s
95th percentile per-packet one-way delay: 1.136 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 113.02 Mbit/s
95th percentile per-packet one-way delay: 1.948 ms
Loss rate: 0.13%

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

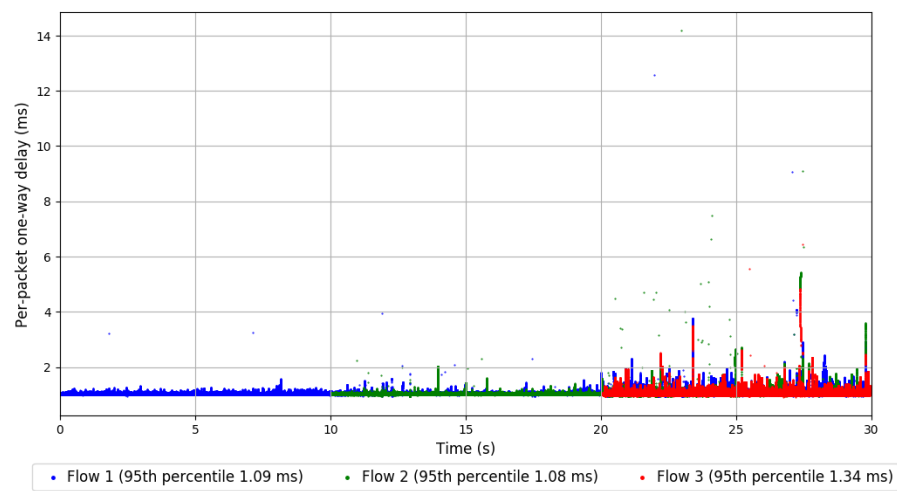
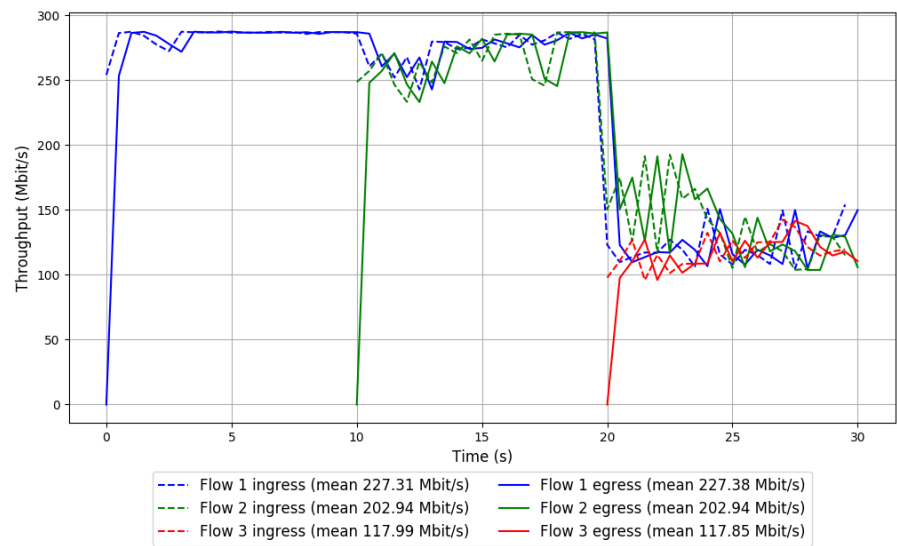


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-02 03:59:47
End at: 2018-08-02 04:00:17
Local clock offset: 3.251 ms
Remote clock offset: -2.816 ms

Below is generated by plot.py at 2018-08-02 06:59:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 401.54 Mbit/s
95th percentile per-packet one-way delay: 1.121 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 227.38 Mbit/s
95th percentile per-packet one-way delay: 1.093 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 202.94 Mbit/s
95th percentile per-packet one-way delay: 1.080 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 117.85 Mbit/s
95th percentile per-packet one-way delay: 1.339 ms
Loss rate: 0.39%

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

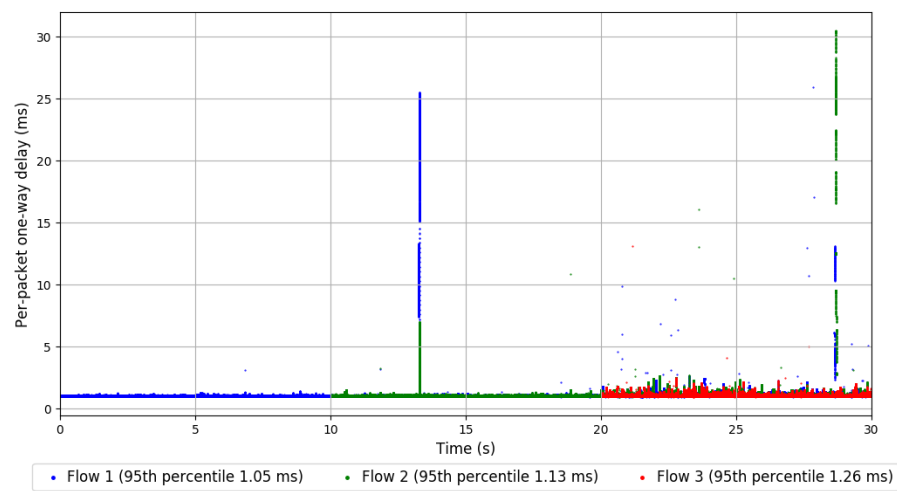
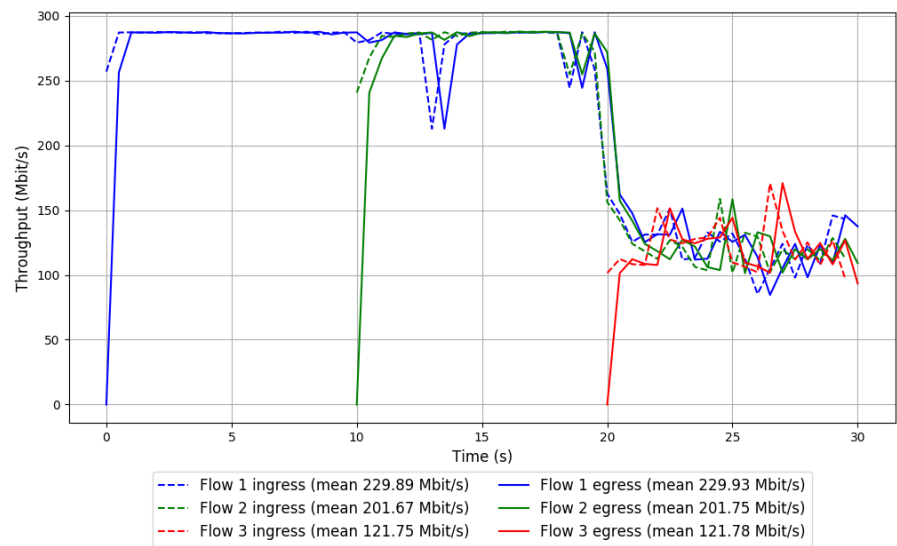


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-02 04:26:41
End at: 2018-08-02 04:27:11
Local clock offset: 3.255 ms
Remote clock offset: -2.765 ms

Below is generated by plot.py at 2018-08-02 06:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 404.63 Mbit/s
95th percentile per-packet one-way delay: 1.091 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 229.93 Mbit/s
95th percentile per-packet one-way delay: 1.048 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 201.75 Mbit/s
95th percentile per-packet one-way delay: 1.126 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 121.78 Mbit/s
95th percentile per-packet one-way delay: 1.262 ms
Loss rate: 0.16%

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

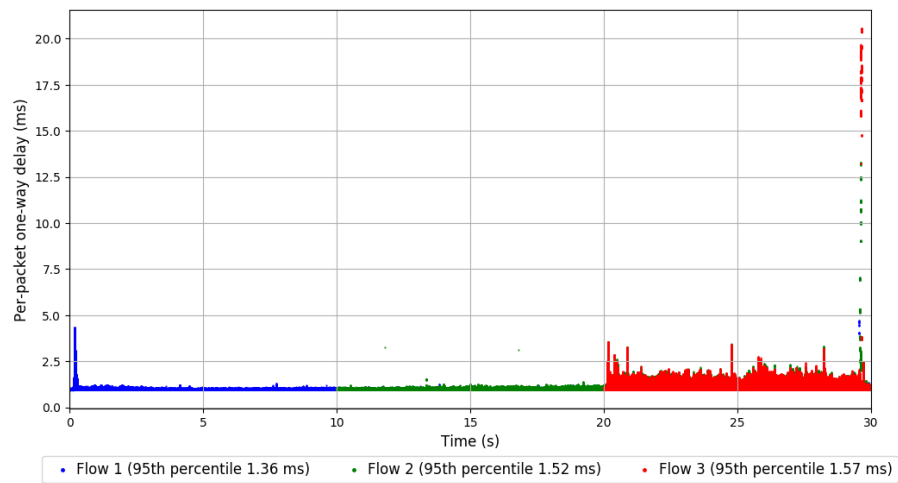
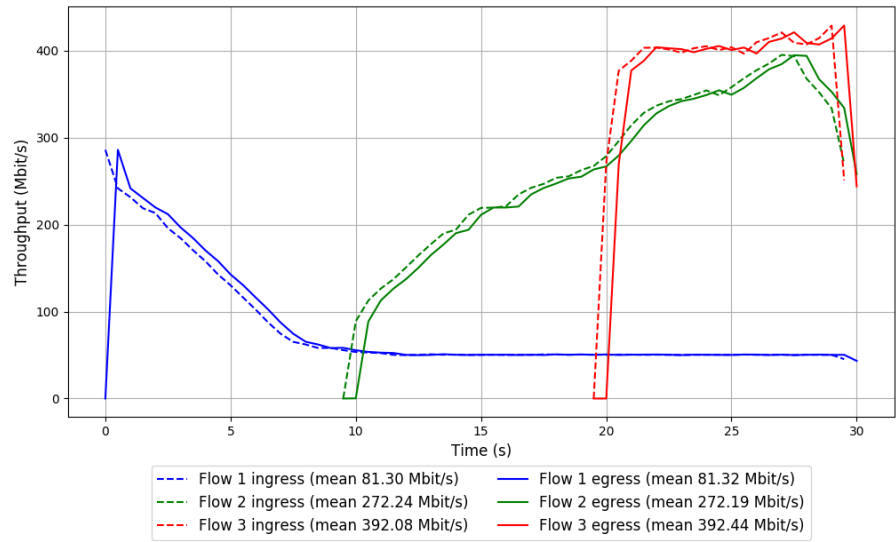


Run 1: Statistics of TCP Vegas

Start at: 2018-08-02 00:39:26
End at: 2018-08-02 00:39:56
Local clock offset: 3.731 ms
Remote clock offset: -2.491 ms

Below is generated by plot.py at 2018-08-02 06:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 393.07 Mbit/s
95th percentile per-packet one-way delay: 1.526 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 81.32 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 272.19 Mbit/s
95th percentile per-packet one-way delay: 1.522 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 392.44 Mbit/s
95th percentile per-packet one-way delay: 1.572 ms
Loss rate: 0.11%

Run 1: Report of TCP Vegas — Data Link

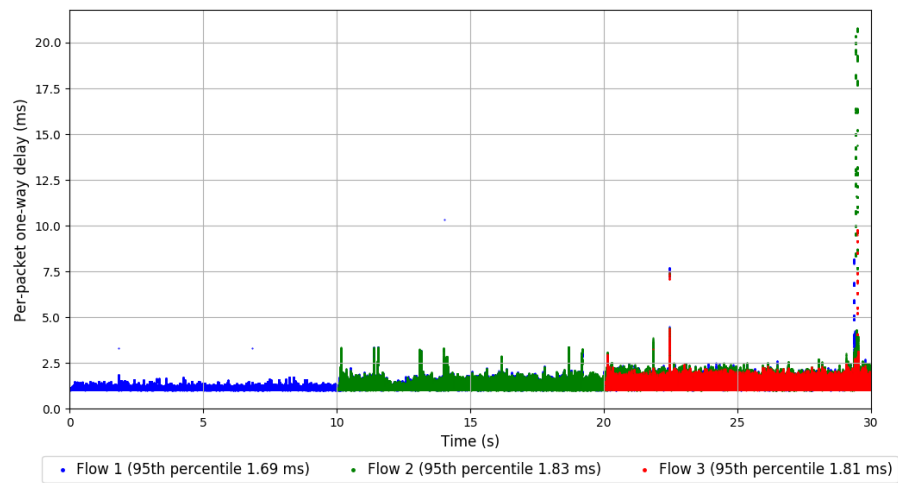
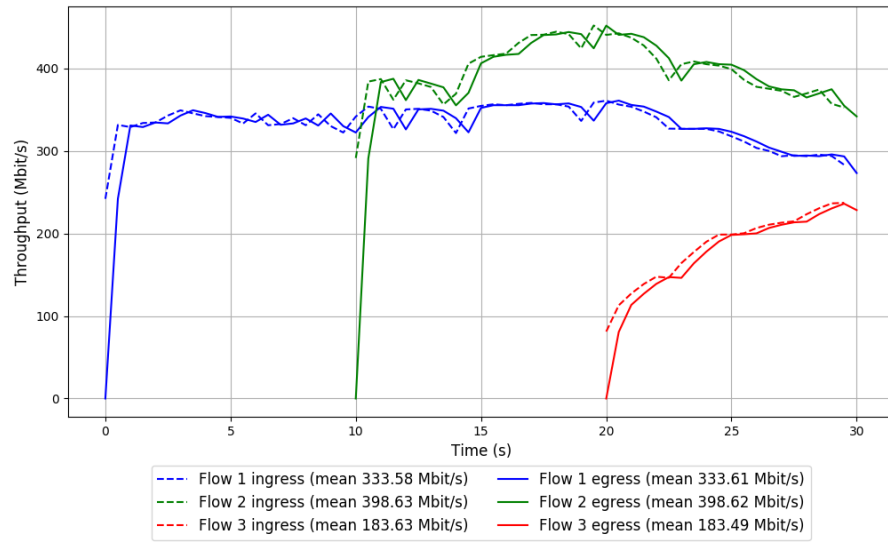


Run 2: Statistics of TCP Vegas

Start at: 2018-08-02 01:06:20
End at: 2018-08-02 01:06:50
Local clock offset: 3.592 ms
Remote clock offset: -2.467 ms

Below is generated by plot.py at 2018-08-02 06:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 659.97 Mbit/s
95th percentile per-packet one-way delay: 1.766 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 333.61 Mbit/s
95th percentile per-packet one-way delay: 1.694 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 398.62 Mbit/s
95th percentile per-packet one-way delay: 1.833 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 183.49 Mbit/s
95th percentile per-packet one-way delay: 1.812 ms
Loss rate: 0.27%

Run 2: Report of TCP Vegas — Data Link

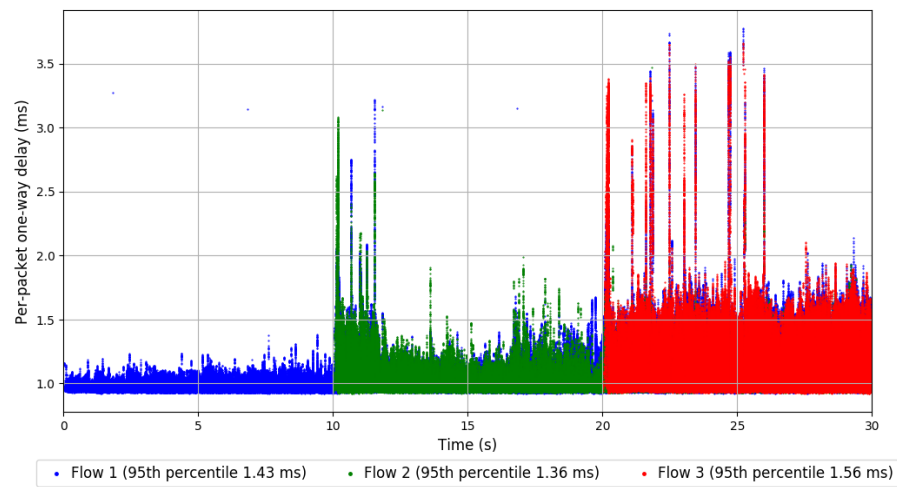
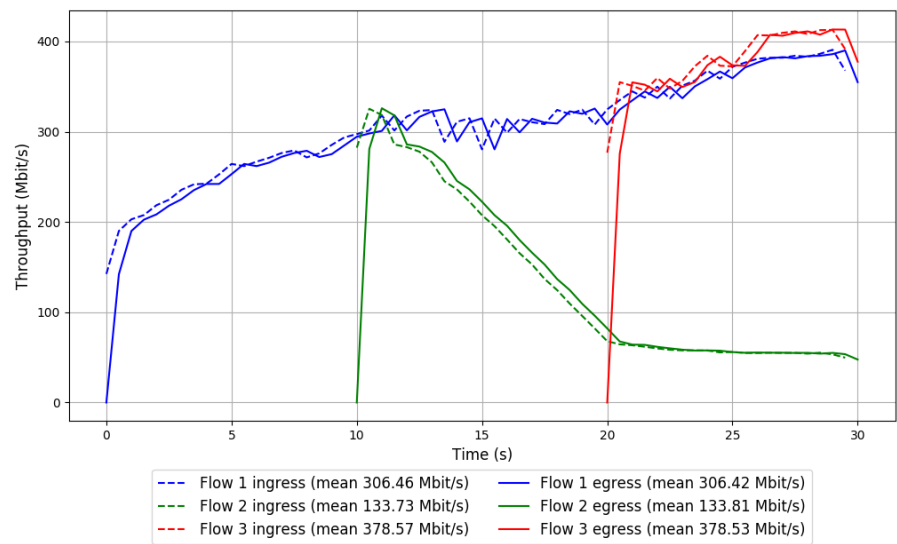


Run 3: Statistics of TCP Vegas

Start at: 2018-08-02 01:33:28
End at: 2018-08-02 01:33:58
Local clock offset: 3.497 ms
Remote clock offset: -2.346 ms

Below is generated by plot.py at 2018-08-02 06:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 521.17 Mbit/s
95th percentile per-packet one-way delay: 1.469 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 306.42 Mbit/s
95th percentile per-packet one-way delay: 1.431 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 133.81 Mbit/s
95th percentile per-packet one-way delay: 1.357 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 378.53 Mbit/s
95th percentile per-packet one-way delay: 1.557 ms
Loss rate: 0.20%

Run 3: Report of TCP Vegas — Data Link

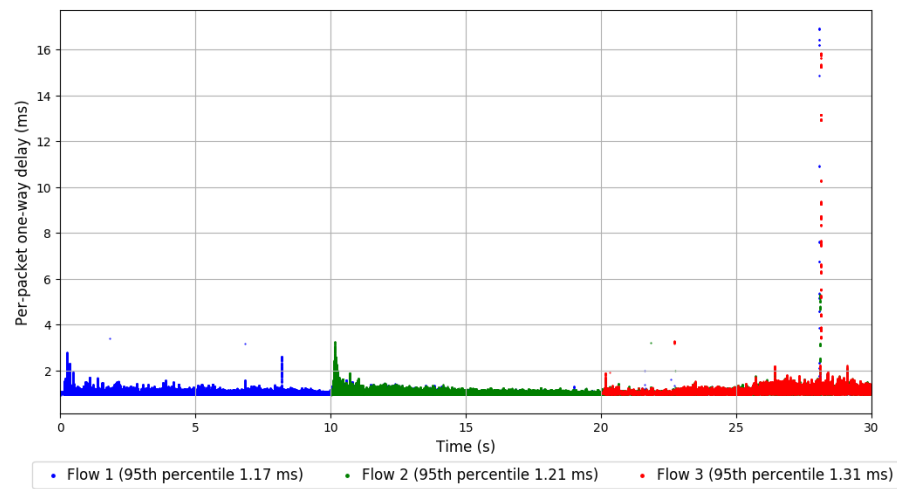
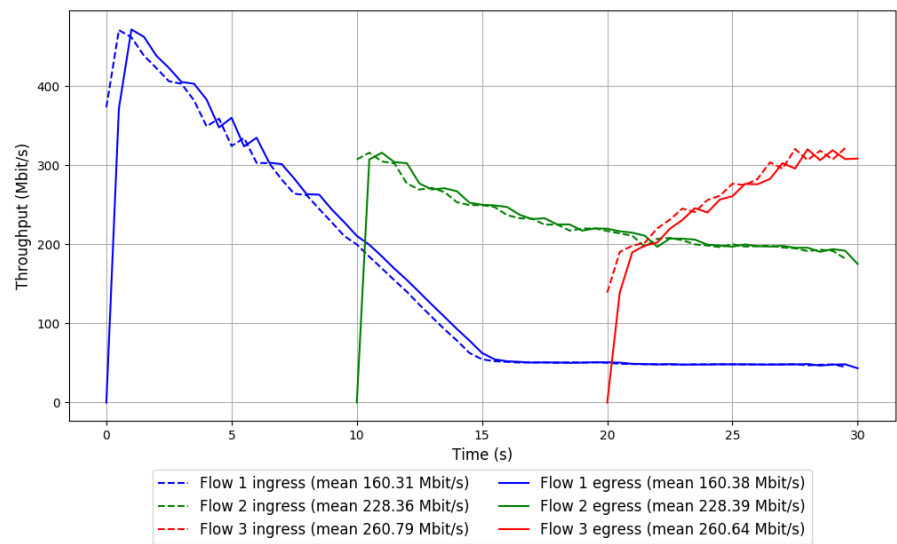


Run 4: Statistics of TCP Vegas

Start at: 2018-08-02 02:00:23
End at: 2018-08-02 02:00:53
Local clock offset: 3.065 ms
Remote clock offset: -2.392 ms

Below is generated by plot.py at 2018-08-02 06:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 398.90 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 160.38 Mbit/s
95th percentile per-packet one-way delay: 1.166 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 228.39 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 260.64 Mbit/s
95th percentile per-packet one-way delay: 1.307 ms
Loss rate: 0.26%

Run 4: Report of TCP Vegas — Data Link

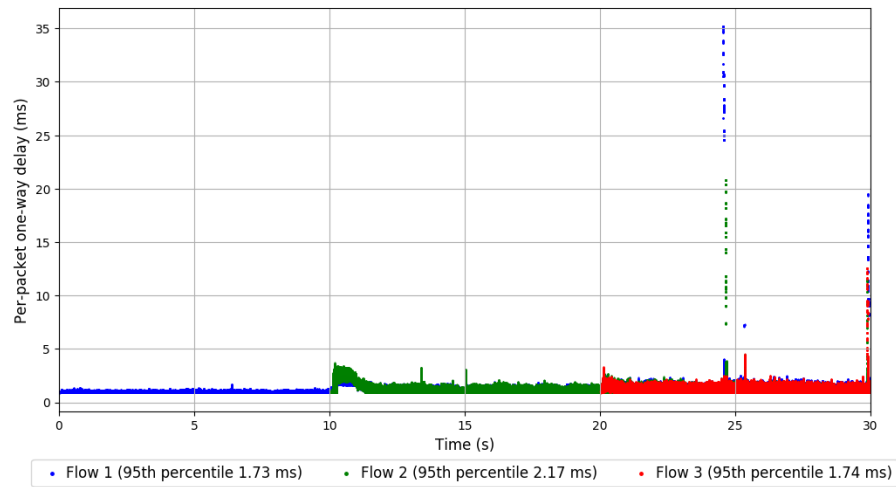
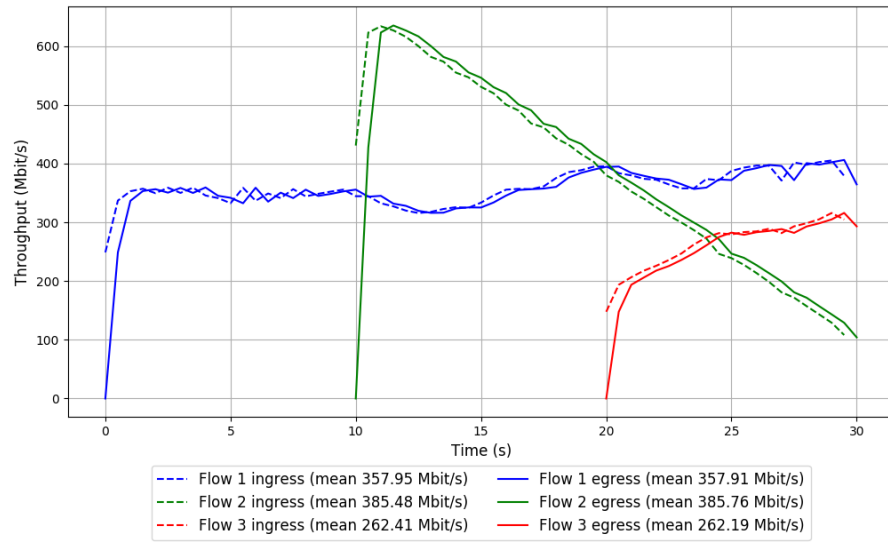


Run 5: Statistics of TCP Vegas

Start at: 2018-08-02 02:27:17
End at: 2018-08-02 02:27:47
Local clock offset: 2.835 ms
Remote clock offset: -3.249 ms

Below is generated by plot.py at 2018-08-02 06:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 701.85 Mbit/s
95th percentile per-packet one-way delay: 1.814 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 357.91 Mbit/s
95th percentile per-packet one-way delay: 1.728 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 385.76 Mbit/s
95th percentile per-packet one-way delay: 2.170 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 262.19 Mbit/s
95th percentile per-packet one-way delay: 1.737 ms
Loss rate: 0.24%

Run 5: Report of TCP Vegas — Data Link

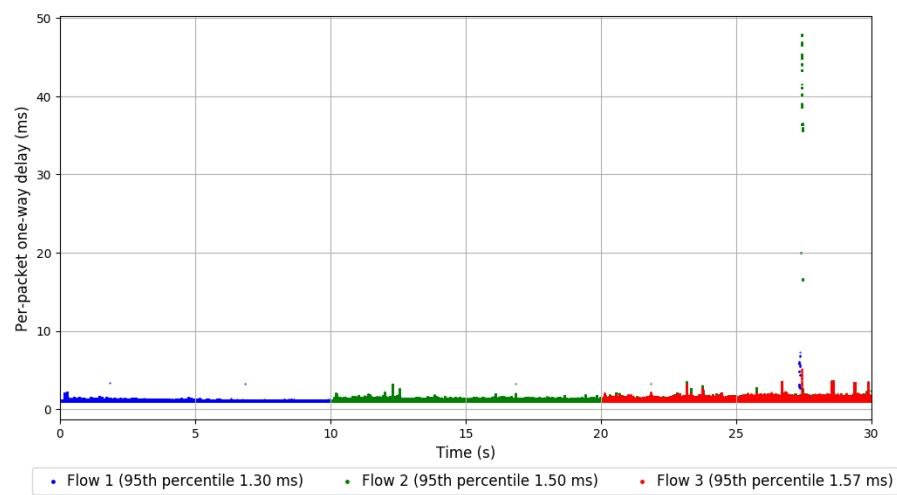
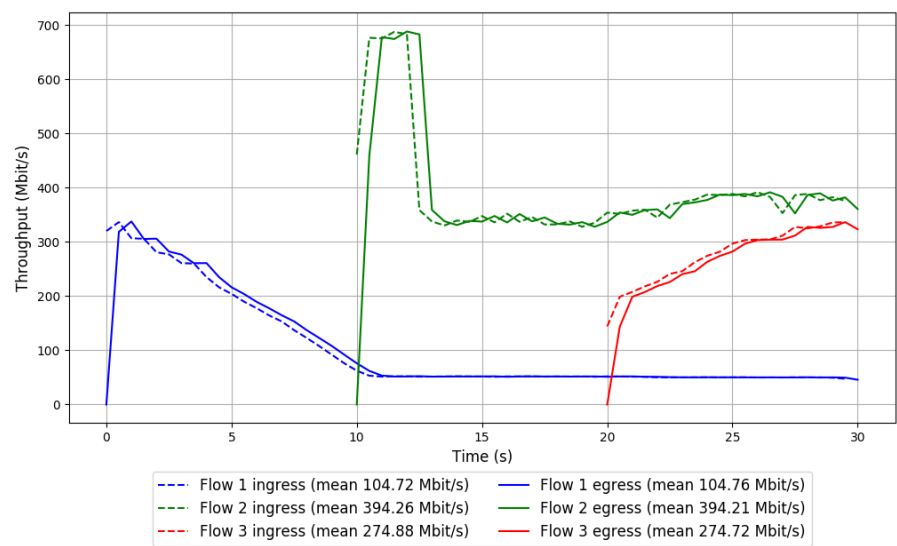


Run 6: Statistics of TCP Vegas

Start at: 2018-08-02 02:54:19
End at: 2018-08-02 02:54:49
Local clock offset: 3.217 ms
Remote clock offset: -3.049 ms

Below is generated by plot.py at 2018-08-02 06:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 458.45 Mbit/s
95th percentile per-packet one-way delay: 1.497 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 104.76 Mbit/s
95th percentile per-packet one-way delay: 1.299 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 394.21 Mbit/s
95th percentile per-packet one-way delay: 1.501 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 274.72 Mbit/s
95th percentile per-packet one-way delay: 1.573 ms
Loss rate: 0.25%

Run 6: Report of TCP Vegas — Data Link

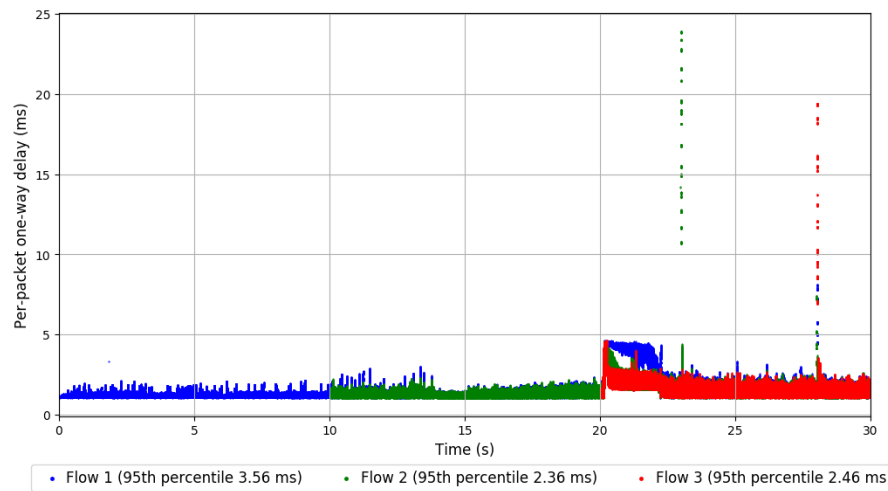
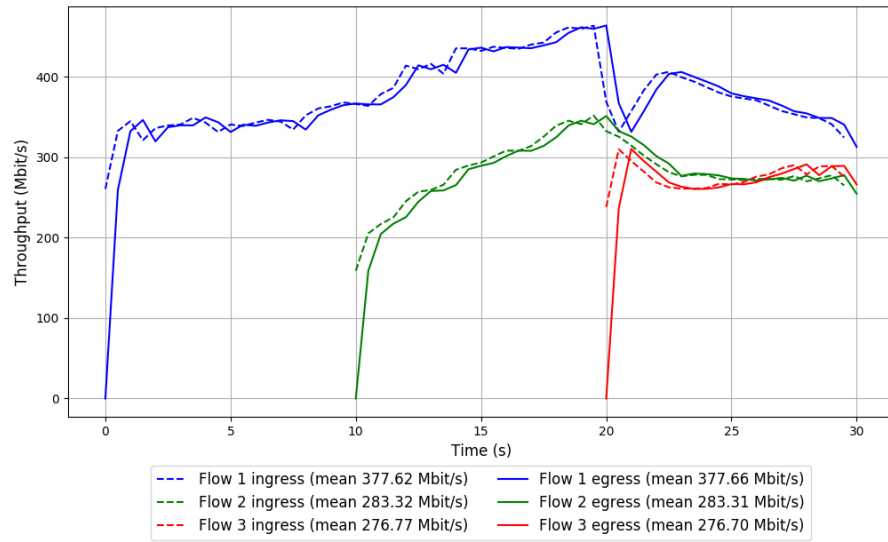


Run 7: Statistics of TCP Vegas

Start at: 2018-08-02 03:21:19
End at: 2018-08-02 03:21:49
Local clock offset: 3.166 ms
Remote clock offset: -2.968 ms

Below is generated by plot.py at 2018-08-02 07:03:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 658.12 Mbit/s
95th percentile per-packet one-way delay: 2.591 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 377.66 Mbit/s
95th percentile per-packet one-way delay: 3.560 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 283.31 Mbit/s
95th percentile per-packet one-way delay: 2.357 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 276.70 Mbit/s
95th percentile per-packet one-way delay: 2.457 ms
Loss rate: 0.19%

Run 7: Report of TCP Vegas — Data Link

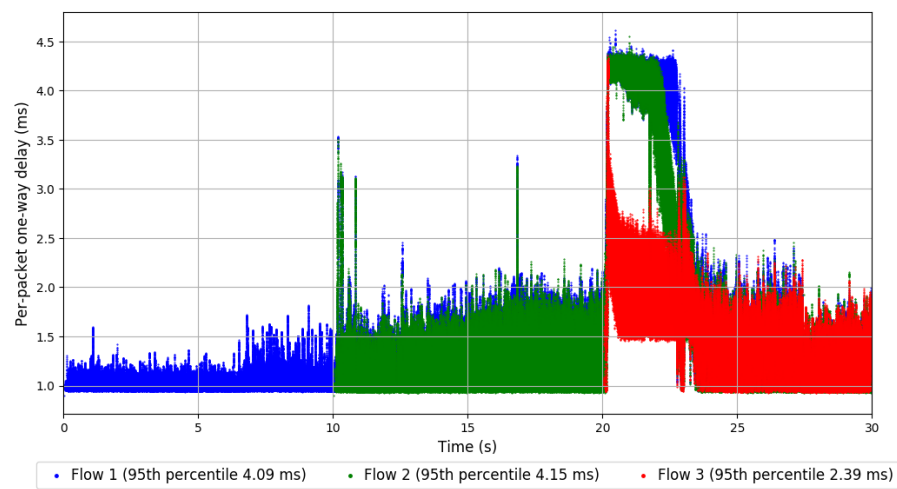
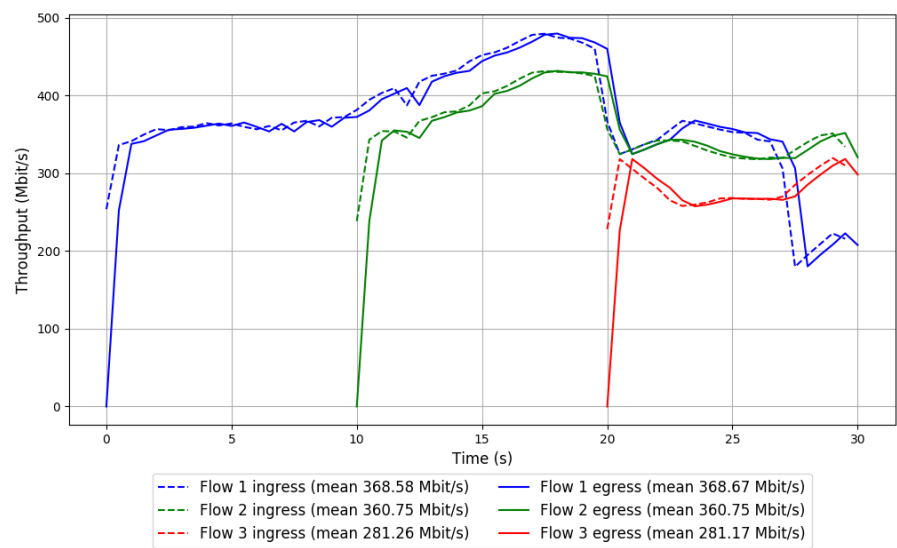


Run 8: Statistics of TCP Vegas

Start at: 2018-08-02 03:48:25
End at: 2018-08-02 03:48:55
Local clock offset: 3.086 ms
Remote clock offset: -2.794 ms

Below is generated by plot.py at 2018-08-02 07:03:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 702.12 Mbit/s
95th percentile per-packet one-way delay: 4.067 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 368.67 Mbit/s
95th percentile per-packet one-way delay: 4.087 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 360.75 Mbit/s
95th percentile per-packet one-way delay: 4.149 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 281.17 Mbit/s
95th percentile per-packet one-way delay: 2.391 ms
Loss rate: 0.24%

Run 8: Report of TCP Vegas — Data Link

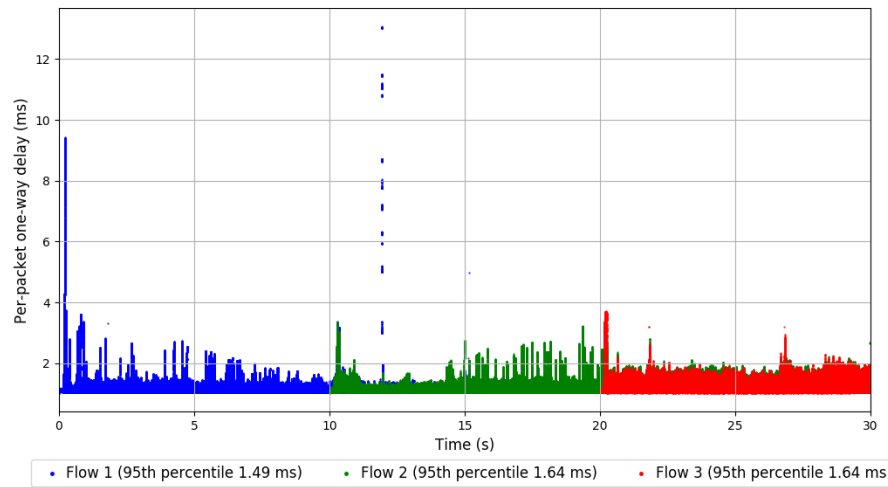
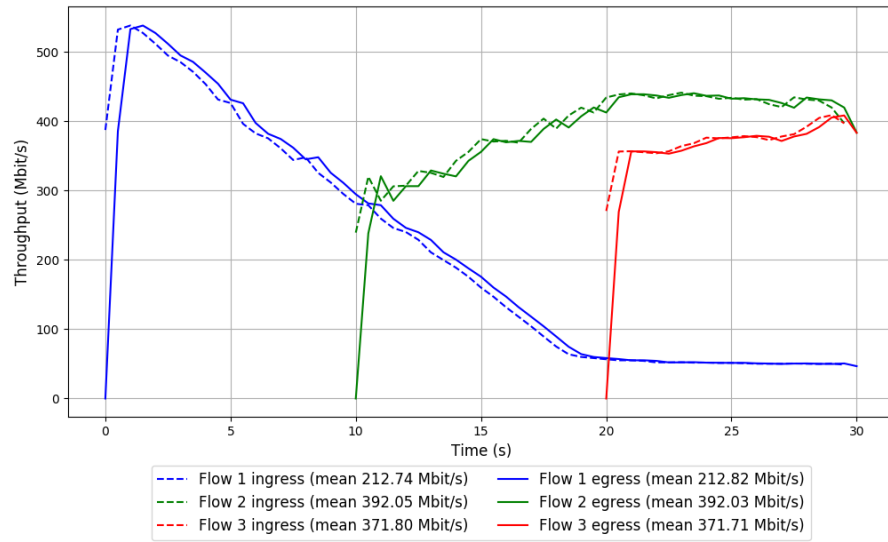


Run 9: Statistics of TCP Vegas

Start at: 2018-08-02 04:15:19
End at: 2018-08-02 04:15:49
Local clock offset: 3.423 ms
Remote clock offset: -2.847 ms

Below is generated by plot.py at 2018-08-02 07:04:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 597.24 Mbit/s
95th percentile per-packet one-way delay: 1.614 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 212.82 Mbit/s
95th percentile per-packet one-way delay: 1.486 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 392.03 Mbit/s
95th percentile per-packet one-way delay: 1.636 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 371.71 Mbit/s
95th percentile per-packet one-way delay: 1.637 ms
Loss rate: 0.21%

Run 9: Report of TCP Vegas — Data Link

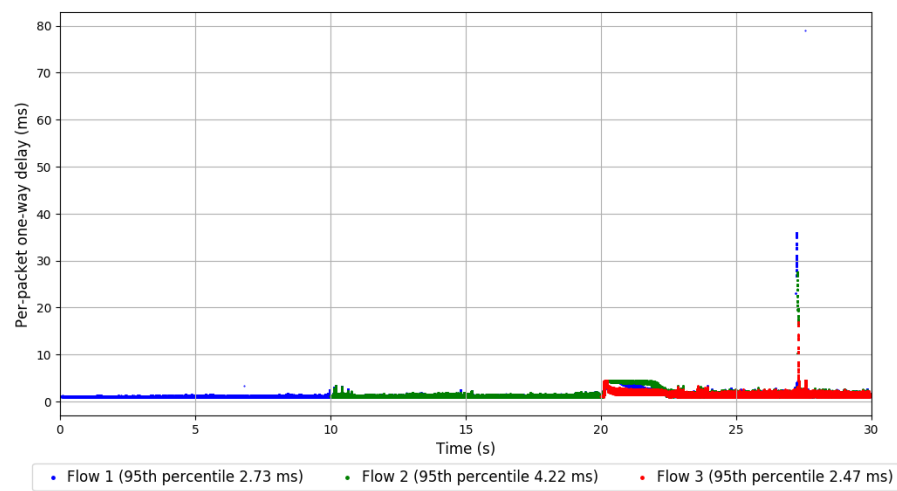
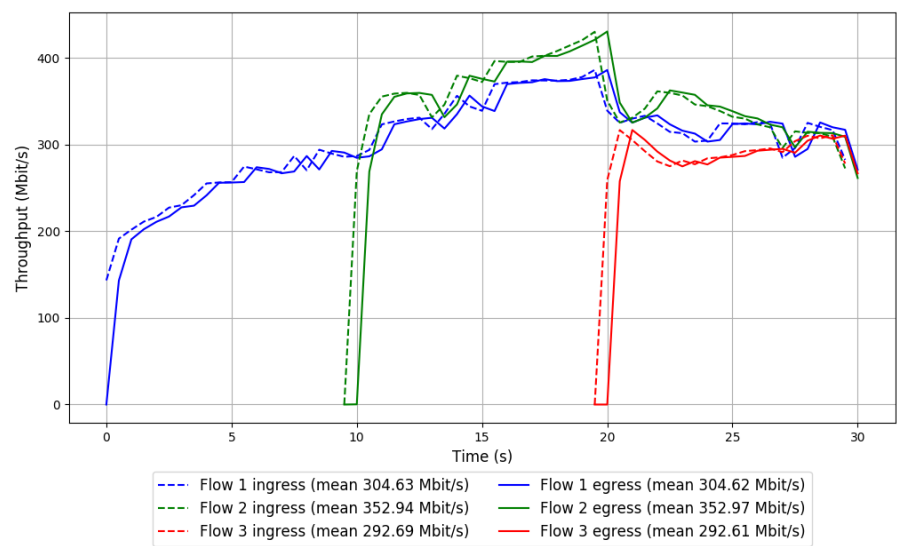


Run 10: Statistics of TCP Vegas

Start at: 2018-08-02 04:42:15
End at: 2018-08-02 04:42:45
Local clock offset: 2.964 ms
Remote clock offset: -2.827 ms

Below is generated by plot.py at 2018-08-02 07:05:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 637.10 Mbit/s
95th percentile per-packet one-way delay: 3.786 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 304.62 Mbit/s
95th percentile per-packet one-way delay: 2.730 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 352.97 Mbit/s
95th percentile per-packet one-way delay: 4.218 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 292.61 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 0.22%

Run 10: Report of TCP Vegas — Data Link

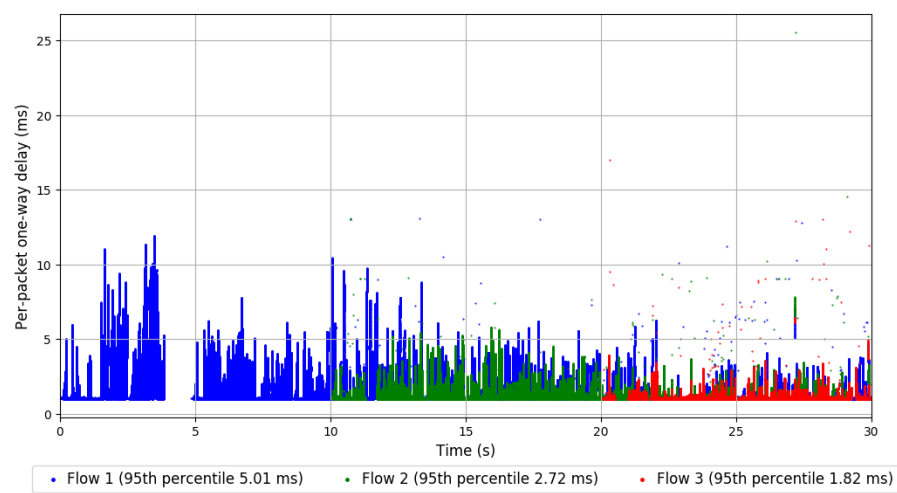
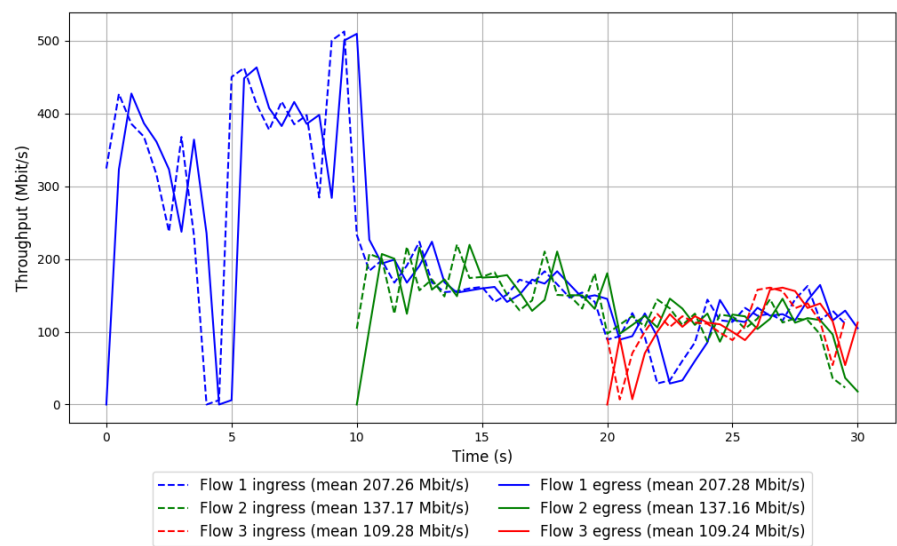


Run 1: Statistics of Verus

Start at: 2018-08-02 00:33:08
End at: 2018-08-02 00:33:38
Local clock offset: 3.848 ms
Remote clock offset: -2.429 ms

Below is generated by plot.py at 2018-08-02 07:05:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 334.80 Mbit/s
95th percentile per-packet one-way delay: 4.208 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 207.28 Mbit/s
95th percentile per-packet one-way delay: 5.008 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 137.16 Mbit/s
95th percentile per-packet one-way delay: 2.721 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 109.24 Mbit/s
95th percentile per-packet one-way delay: 1.822 ms
Loss rate: 0.22%

Run 1: Report of Verus — Data Link

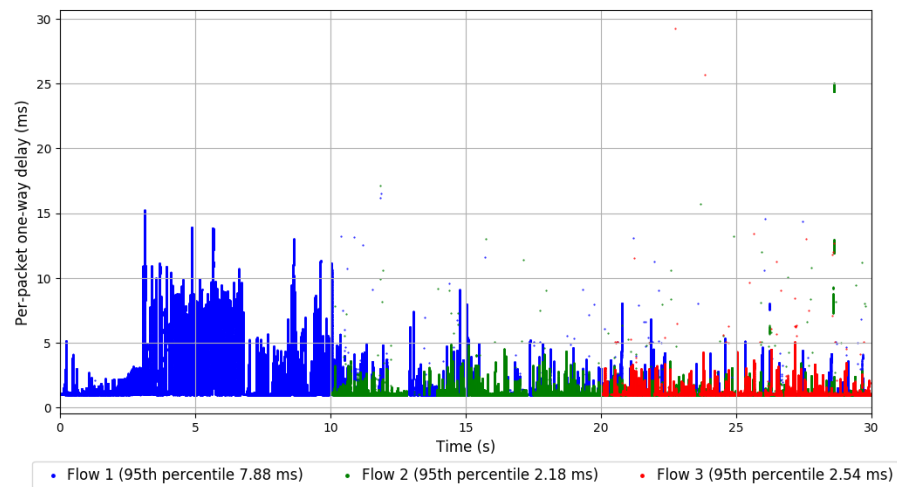
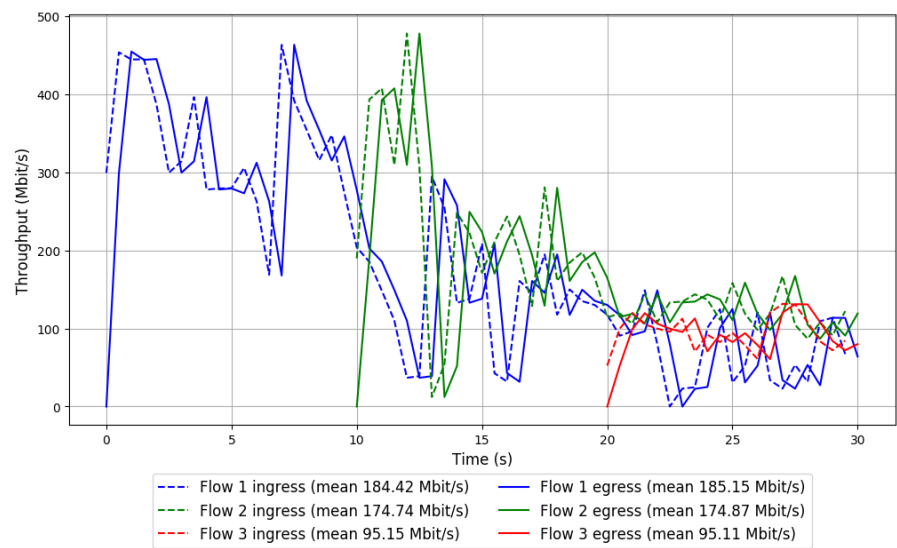


Run 2: Statistics of Verus

Start at: 2018-08-02 01:00:02
End at: 2018-08-02 01:00:32
Local clock offset: 3.681 ms
Remote clock offset: -2.192 ms

Below is generated by plot.py at 2018-08-02 07:05:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 332.44 Mbit/s
95th percentile per-packet one-way delay: 6.494 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 185.15 Mbit/s
95th percentile per-packet one-way delay: 7.883 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 174.87 Mbit/s
95th percentile per-packet one-way delay: 2.176 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 2.544 ms
Loss rate: 0.24%

Run 2: Report of Verus — Data Link

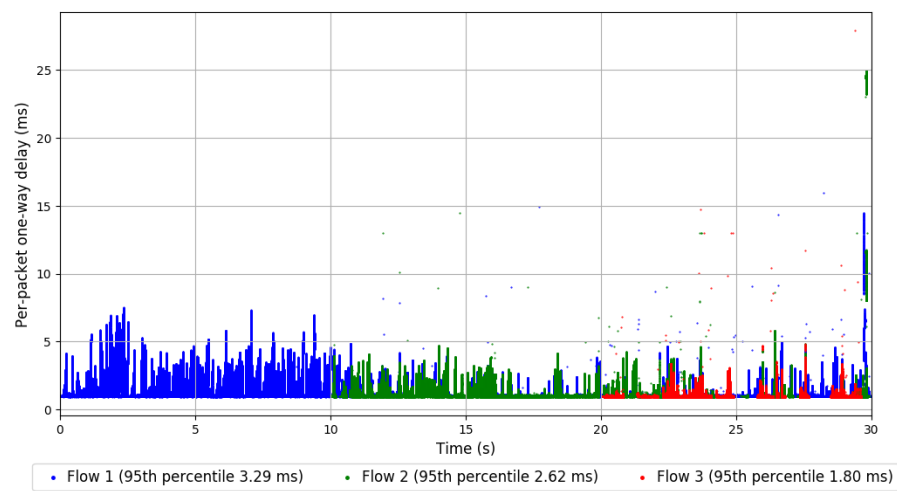
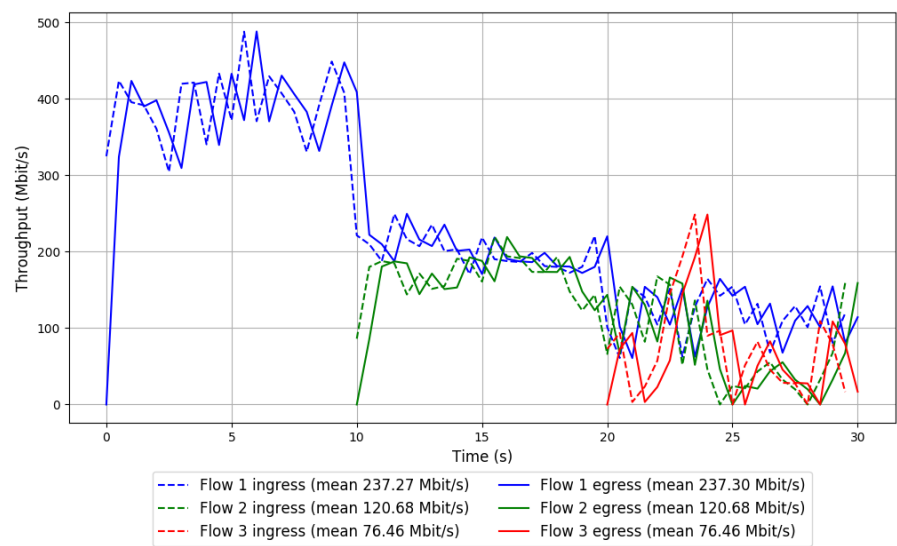


Run 3: Statistics of Verus

Start at: 2018-08-02 01:27:07
End at: 2018-08-02 01:27:37
Local clock offset: 3.372 ms
Remote clock offset: -2.488 ms

Below is generated by plot.py at 2018-08-02 07:05:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 341.97 Mbit/s
95th percentile per-packet one-way delay: 3.052 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 237.30 Mbit/s
95th percentile per-packet one-way delay: 3.290 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 120.68 Mbit/s
95th percentile per-packet one-way delay: 2.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 76.46 Mbit/s
95th percentile per-packet one-way delay: 1.805 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

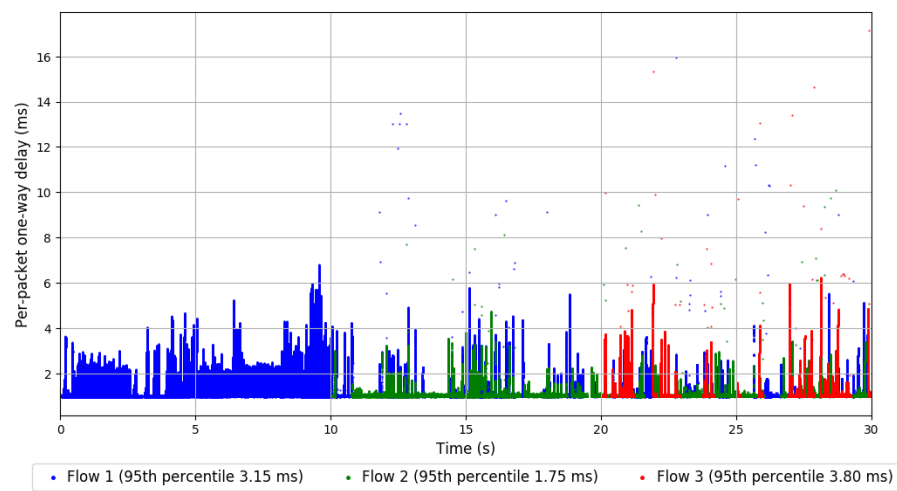
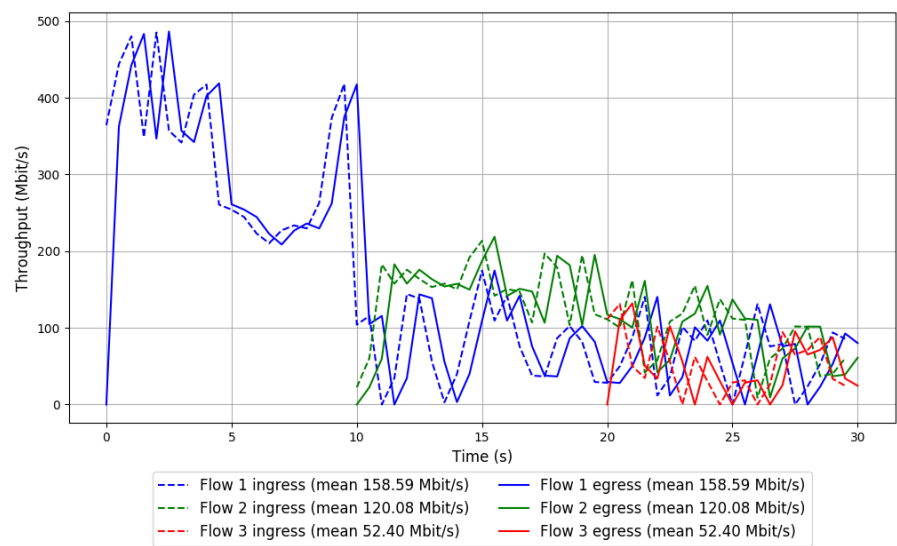


Run 4: Statistics of Verus

Start at: 2018-08-02 01:54:07
End at: 2018-08-02 01:54:37
Local clock offset: 3.214 ms
Remote clock offset: -2.414 ms

Below is generated by plot.py at 2018-08-02 07:05:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 255.33 Mbit/s
95th percentile per-packet one-way delay: 2.909 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 158.59 Mbit/s
95th percentile per-packet one-way delay: 3.150 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 120.08 Mbit/s
95th percentile per-packet one-way delay: 1.753 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.40 Mbit/s
95th percentile per-packet one-way delay: 3.804 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

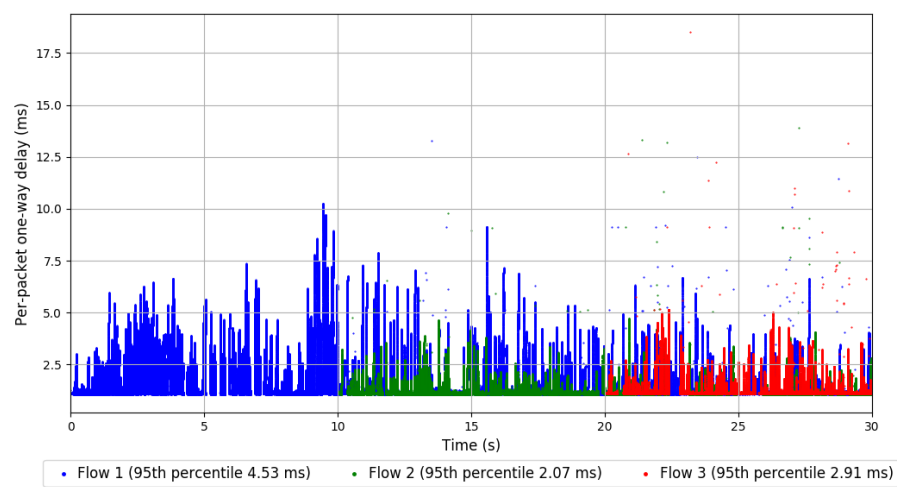
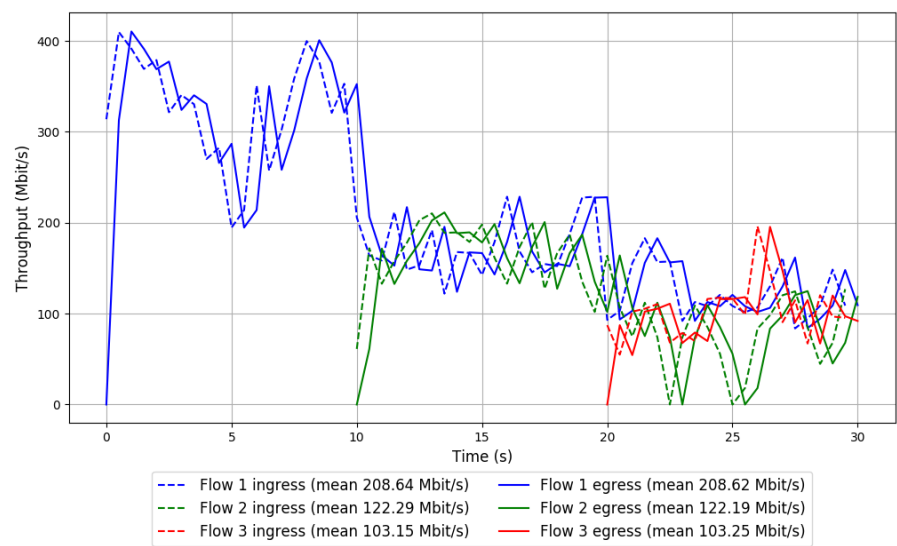


Run 5: Statistics of Verus

Start at: 2018-08-02 02:21:00
End at: 2018-08-02 02:21:30
Local clock offset: 2.764 ms
Remote clock offset: -3.164 ms

Below is generated by plot.py at 2018-08-02 07:06:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 323.84 Mbit/s
95th percentile per-packet one-way delay: 3.960 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 208.62 Mbit/s
95th percentile per-packet one-way delay: 4.527 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 122.19 Mbit/s
95th percentile per-packet one-way delay: 2.070 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 103.25 Mbit/s
95th percentile per-packet one-way delay: 2.910 ms
Loss rate: 0.17%

Run 5: Report of Verus — Data Link

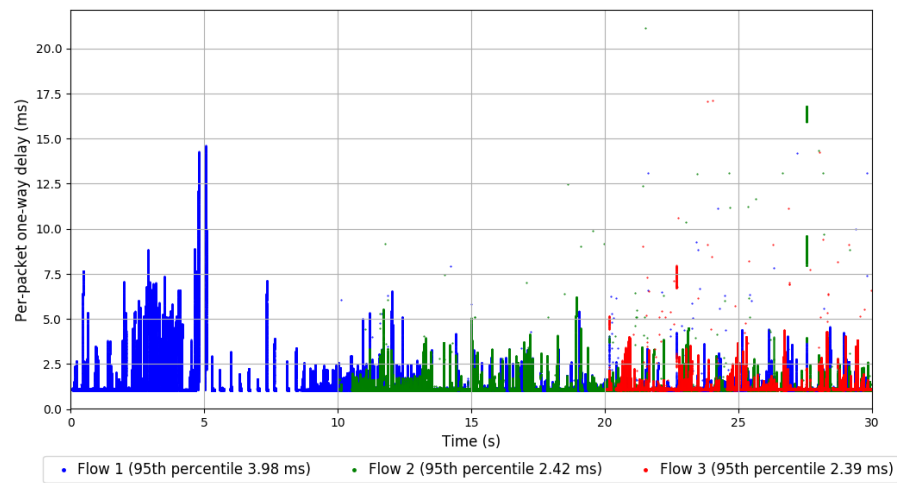
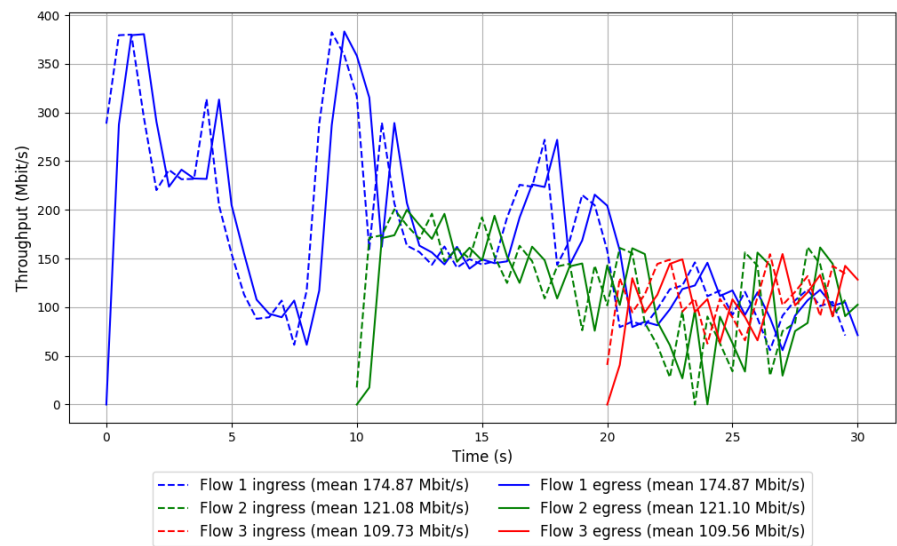


Run 6: Statistics of Verus

Start at: 2018-08-02 02:48:02
End at: 2018-08-02 02:48:32
Local clock offset: 3.188 ms
Remote clock offset: -3.19 ms

Below is generated by plot.py at 2018-08-02 07:06:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 291.07 Mbit/s
95th percentile per-packet one-way delay: 3.163 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 174.87 Mbit/s
95th percentile per-packet one-way delay: 3.977 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 121.10 Mbit/s
95th percentile per-packet one-way delay: 2.415 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 109.56 Mbit/s
95th percentile per-packet one-way delay: 2.386 ms
Loss rate: 0.30%

Run 6: Report of Verus — Data Link

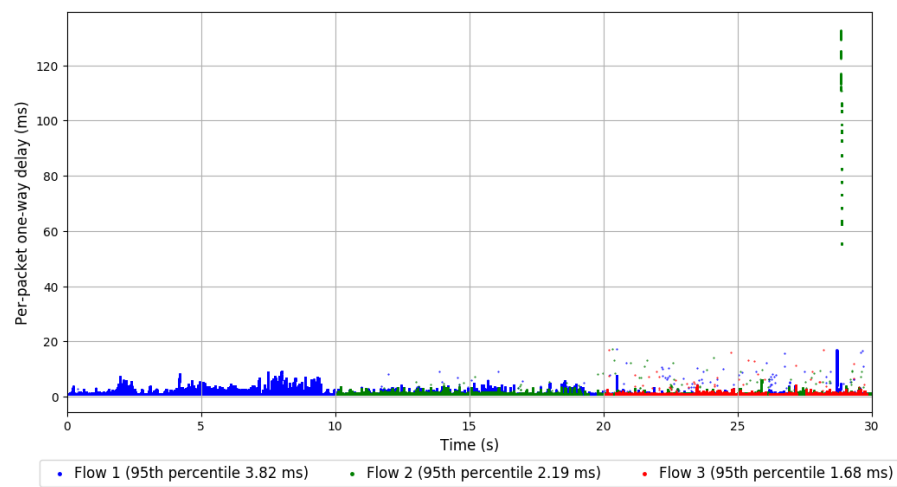
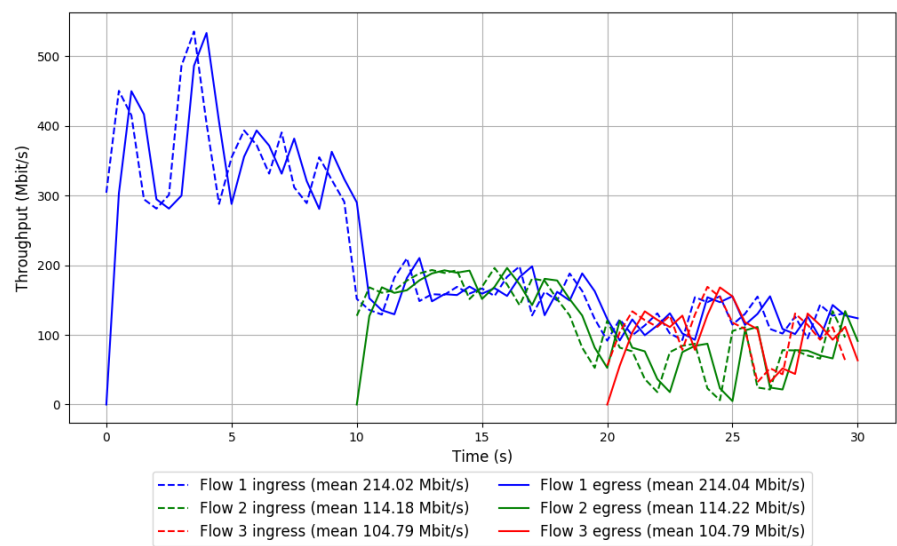


Run 7: Statistics of Verus

Start at: 2018-08-02 03:14:59
End at: 2018-08-02 03:15:30
Local clock offset: 3.124 ms
Remote clock offset: -2.979 ms

Below is generated by plot.py at 2018-08-02 07:06:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 324.25 Mbit/s
95th percentile per-packet one-way delay: 3.249 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 214.04 Mbit/s
95th percentile per-packet one-way delay: 3.822 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 114.22 Mbit/s
95th percentile per-packet one-way delay: 2.194 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 104.79 Mbit/s
95th percentile per-packet one-way delay: 1.679 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link

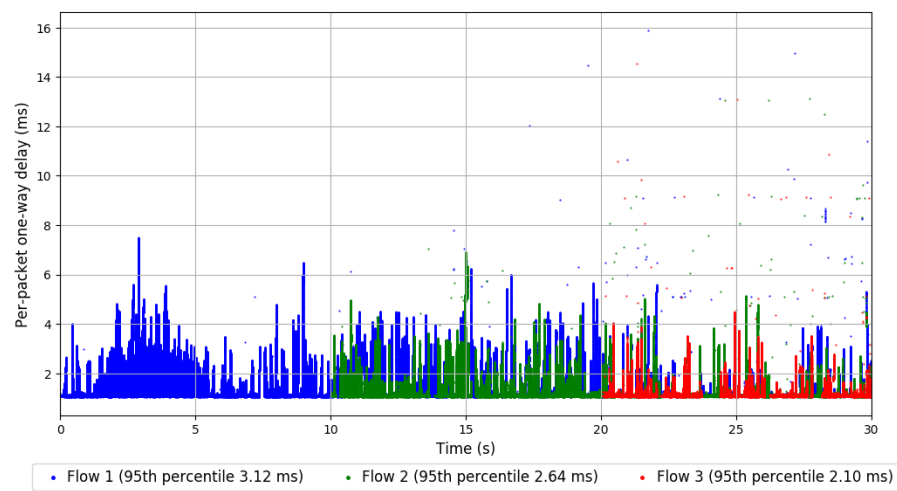
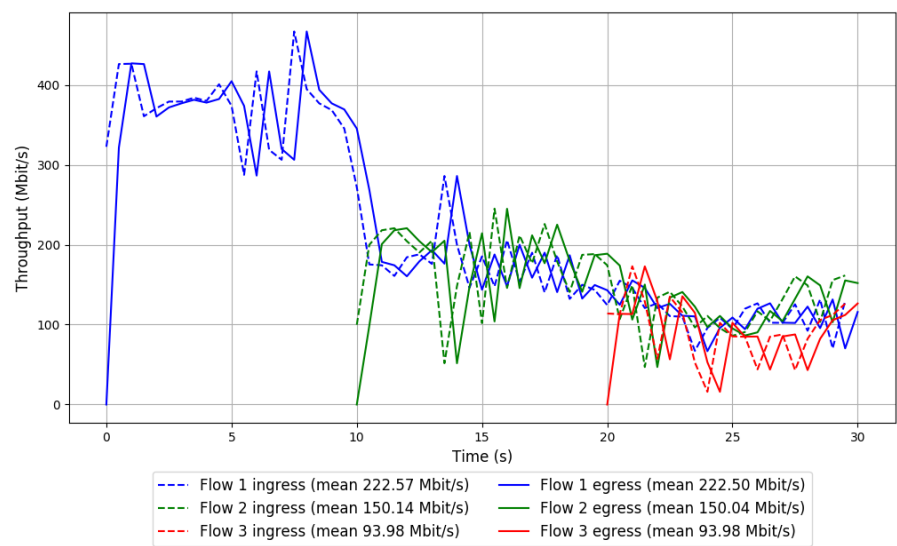


Run 8: Statistics of Verus

Start at: 2018-08-02 03:42:03
End at: 2018-08-02 03:42:33
Local clock offset: 3.086 ms
Remote clock offset: -2.891 ms

Below is generated by plot.py at 2018-08-02 07:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 353.49 Mbit/s
95th percentile per-packet one-way delay: 2.947 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 222.50 Mbit/s
95th percentile per-packet one-way delay: 3.117 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 150.04 Mbit/s
95th percentile per-packet one-way delay: 2.643 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 2.095 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

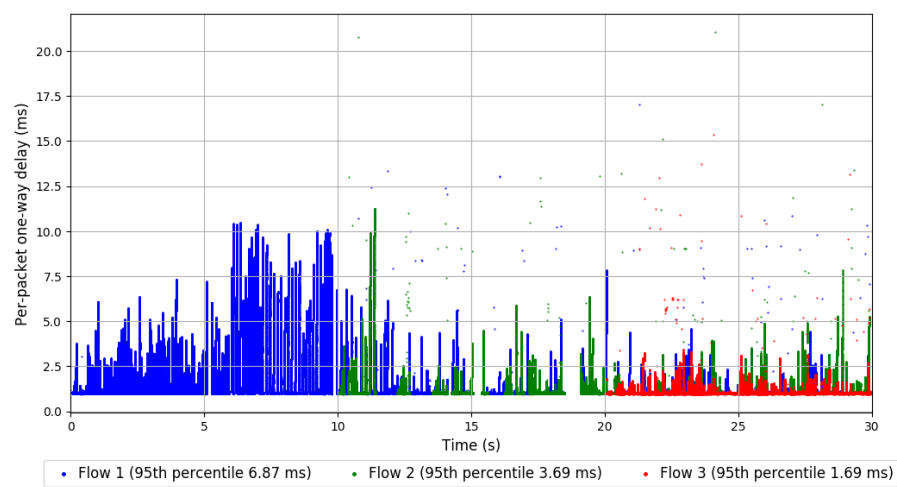
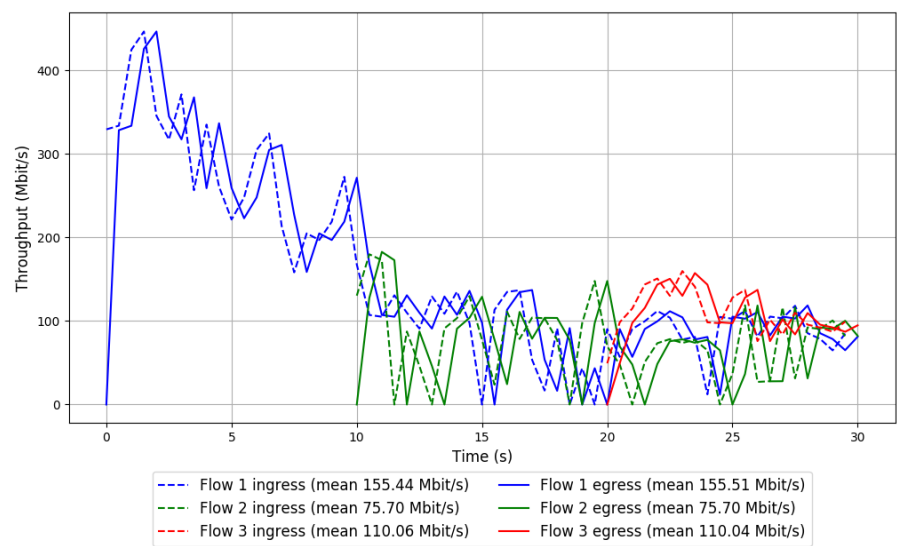


Run 9: Statistics of Verus

Start at: 2018-08-02 04:09:06
End at: 2018-08-02 04:09:36
Local clock offset: 3.292 ms
Remote clock offset: -2.841 ms

Below is generated by plot.py at 2018-08-02 07:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 242.43 Mbit/s
95th percentile per-packet one-way delay: 5.998 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 155.51 Mbit/s
95th percentile per-packet one-way delay: 6.867 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 75.70 Mbit/s
95th percentile per-packet one-way delay: 3.691 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 110.04 Mbit/s
95th percentile per-packet one-way delay: 1.693 ms
Loss rate: 0.21%

Run 9: Report of Verus — Data Link

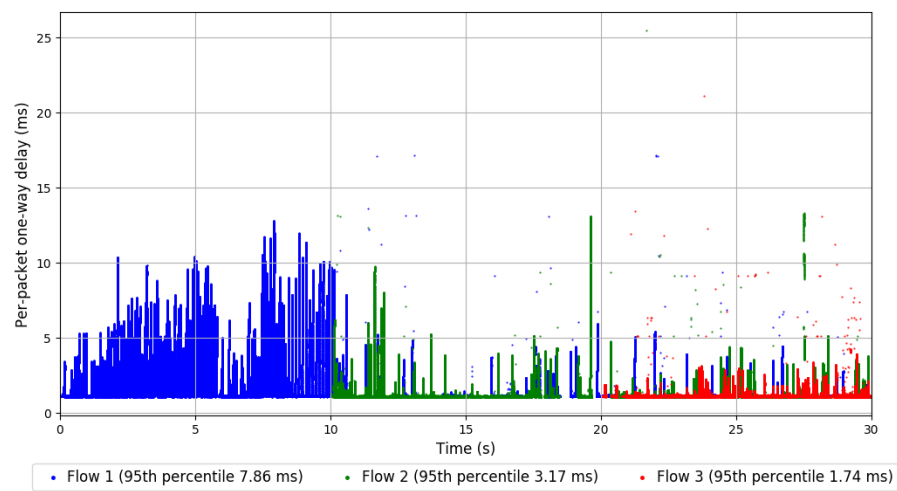
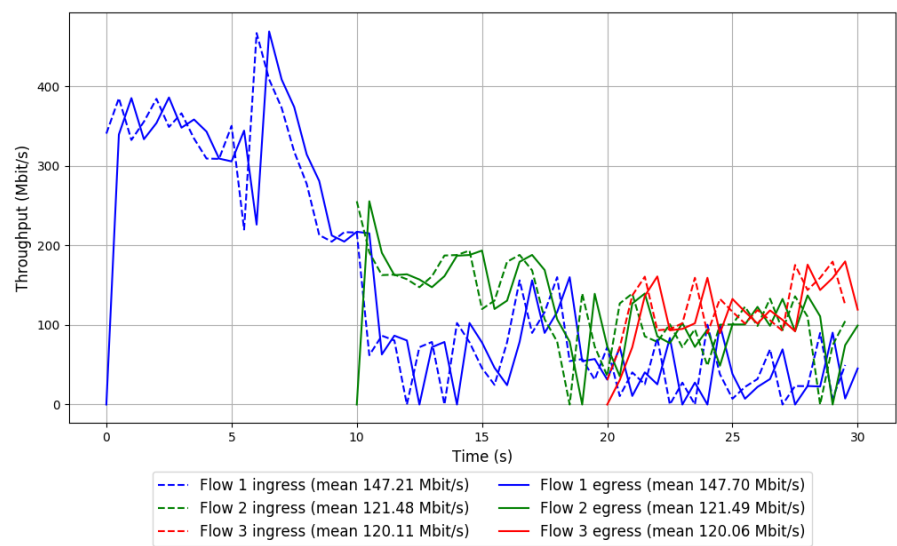


Run 10: Statistics of Verus

Start at: 2018-08-02 04:35:57
End at: 2018-08-02 04:36:27
Local clock offset: 3.027 ms
Remote clock offset: -2.873 ms

Below is generated by plot.py at 2018-08-02 07:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 267.91 Mbit/s
95th percentile per-packet one-way delay: 6.724 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 147.70 Mbit/s
95th percentile per-packet one-way delay: 7.857 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 121.49 Mbit/s
95th percentile per-packet one-way delay: 3.167 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 120.06 Mbit/s
95th percentile per-packet one-way delay: 1.744 ms
Loss rate: 0.26%

Run 10: Report of Verus — Data Link

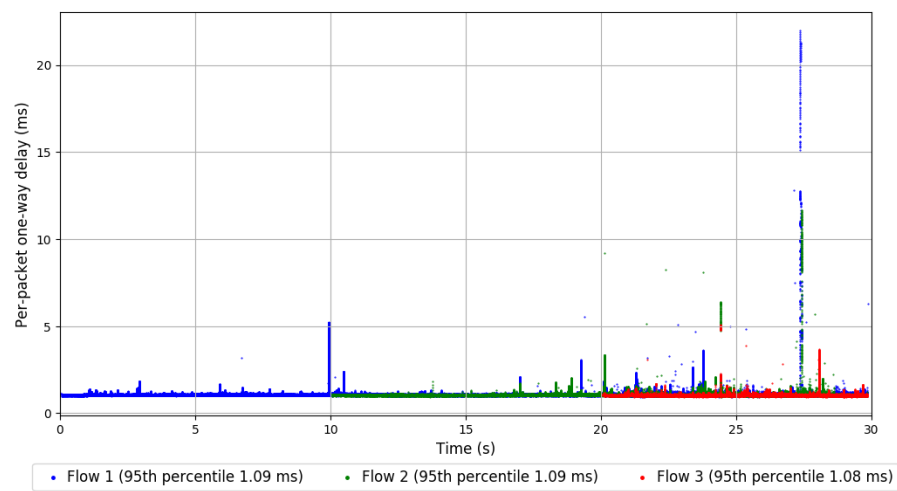
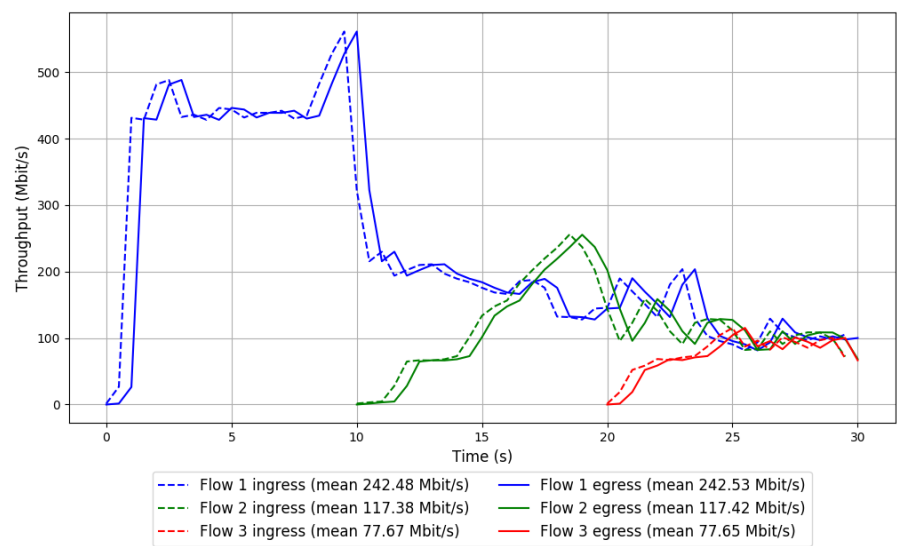


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-02 00:28:27
End at: 2018-08-02 00:28:57
Local clock offset: 3.874 ms
Remote clock offset: -2.409 ms

Below is generated by plot.py at 2018-08-02 07:08:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 346.12 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 242.53 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 117.42 Mbit/s
95th percentile per-packet one-way delay: 1.093 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 77.65 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.22%

Run 1: Report of PCC-Vivace — Data Link

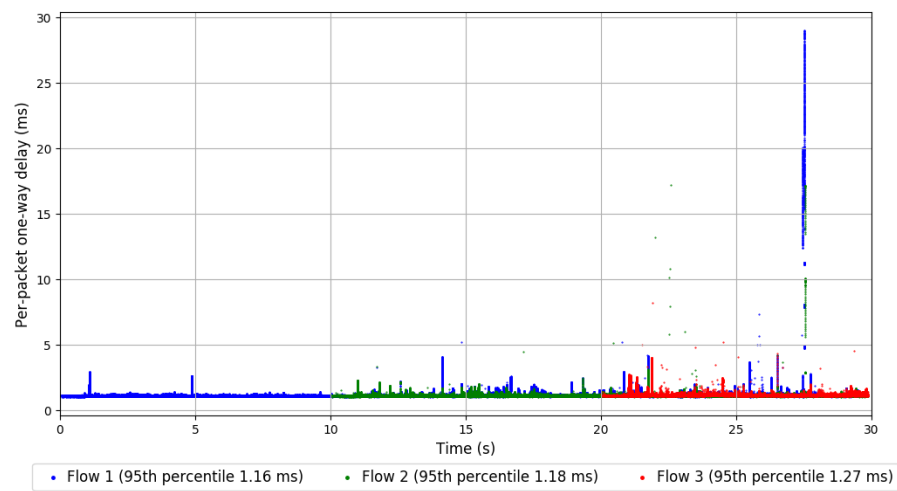
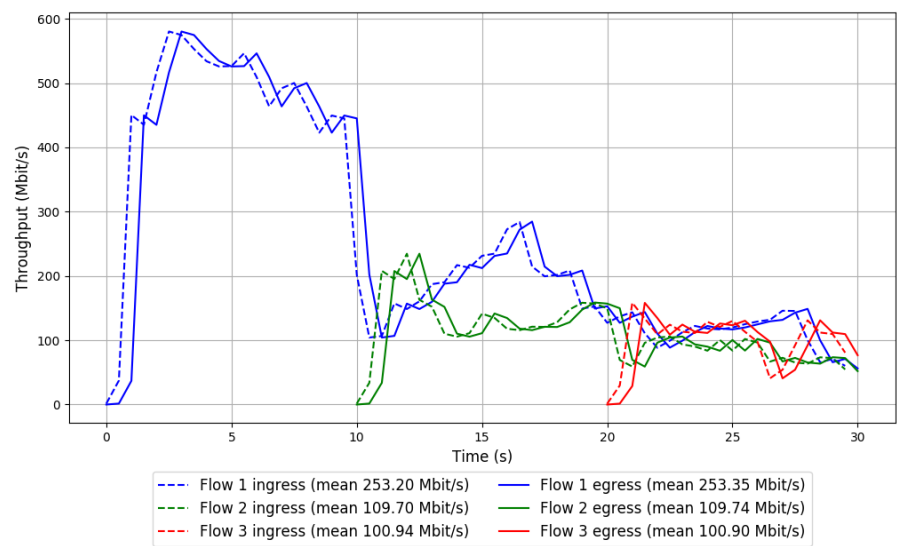


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-02 00:55:22
End at: 2018-08-02 00:55:52
Local clock offset: 3.777 ms
Remote clock offset: -2.235 ms

Below is generated by plot.py at 2018-08-02 07:09:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 359.51 Mbit/s
95th percentile per-packet one-way delay: 1.177 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 253.35 Mbit/s
95th percentile per-packet one-way delay: 1.160 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 109.74 Mbit/s
95th percentile per-packet one-way delay: 1.177 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 100.90 Mbit/s
95th percentile per-packet one-way delay: 1.271 ms
Loss rate: 0.22%

Run 2: Report of PCC-Vivace — Data Link

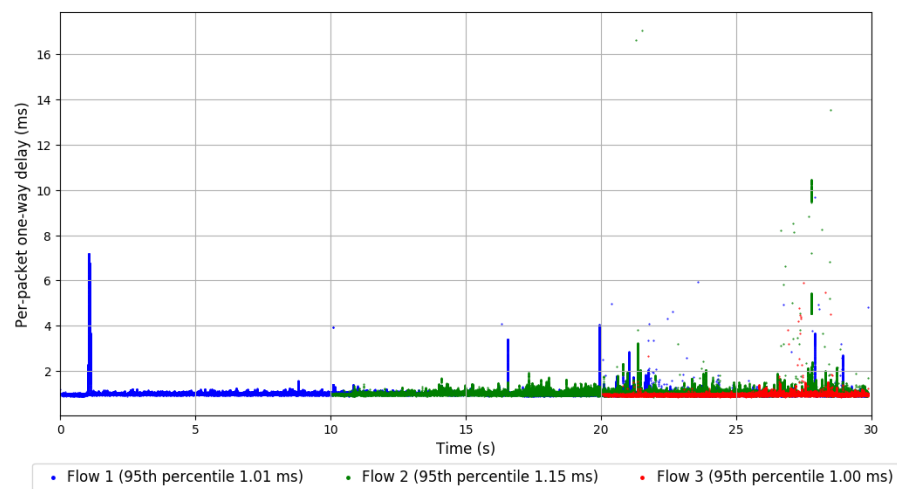
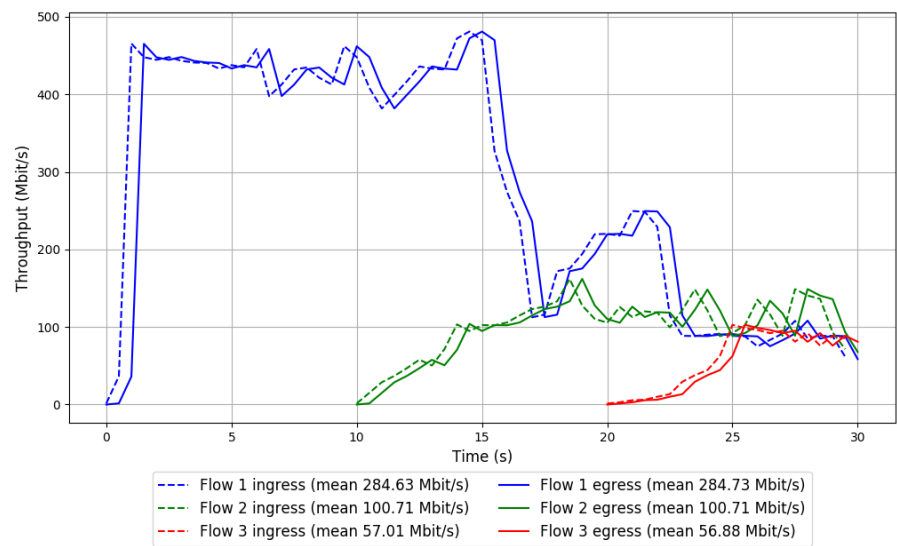


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-02 01:22:24
End at: 2018-08-02 01:22:54
Local clock offset: 3.286 ms
Remote clock offset: -2.545 ms

Below is generated by plot.py at 2018-08-02 07:10:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 370.38 Mbit/s
95th percentile per-packet one-way delay: 1.038 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 284.73 Mbit/s
95th percentile per-packet one-way delay: 1.015 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 100.71 Mbit/s
95th percentile per-packet one-way delay: 1.151 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 1.003 ms
Loss rate: 0.43%

Run 3: Report of PCC-Vivace — Data Link

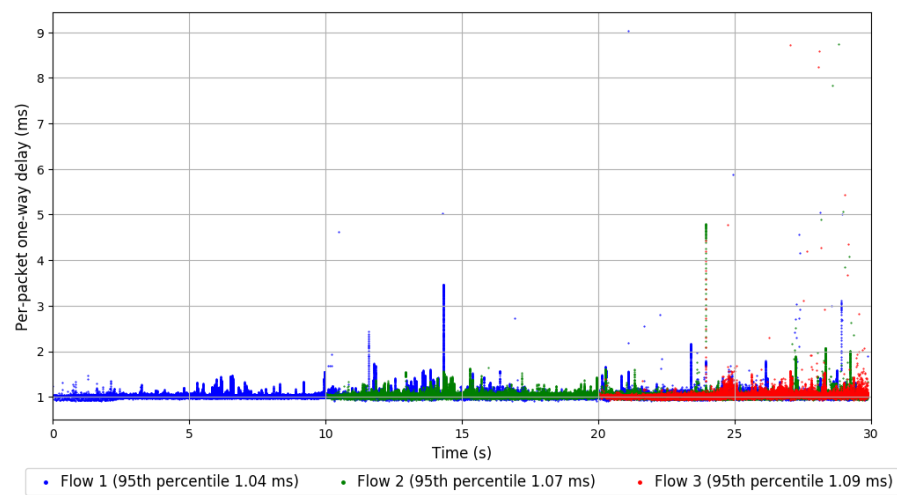
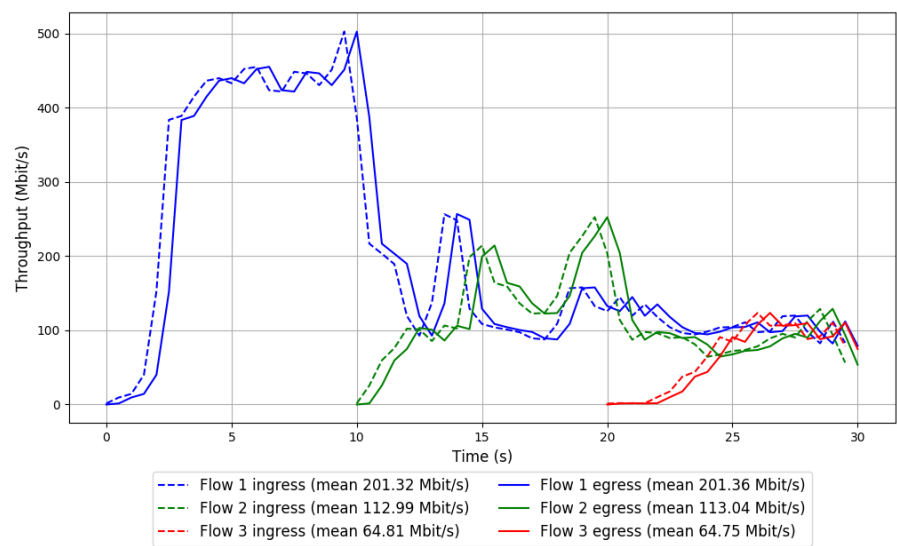


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-02 01:49:28
End at: 2018-08-02 01:49:58
Local clock offset: 3.386 ms
Remote clock offset: -2.378 ms

```
# Below is generated by plot.py at 2018-08-02 07:10:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 297.85 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 201.36 Mbit/s
95th percentile per-packet one-way delay: 1.045 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 113.04 Mbit/s
95th percentile per-packet one-way delay: 1.067 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 1.086 ms
Loss rate: 0.31%
```

Run 4: Report of PCC-Vivace — Data Link

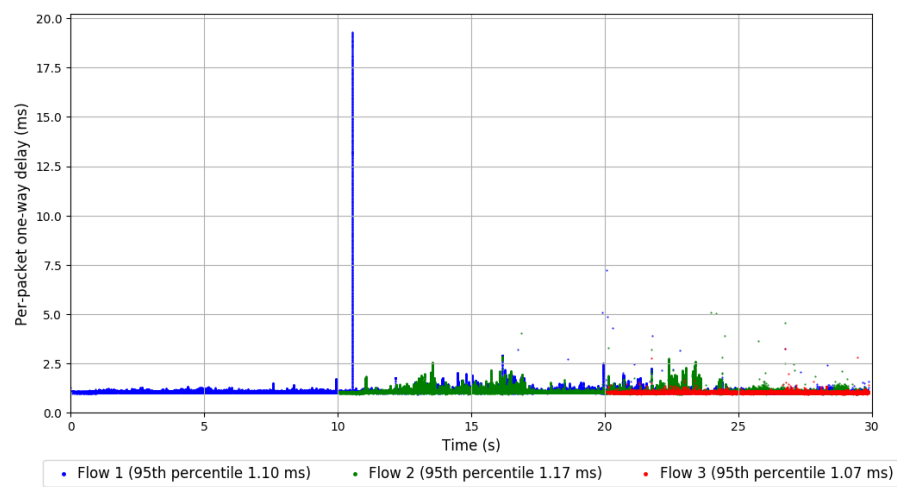
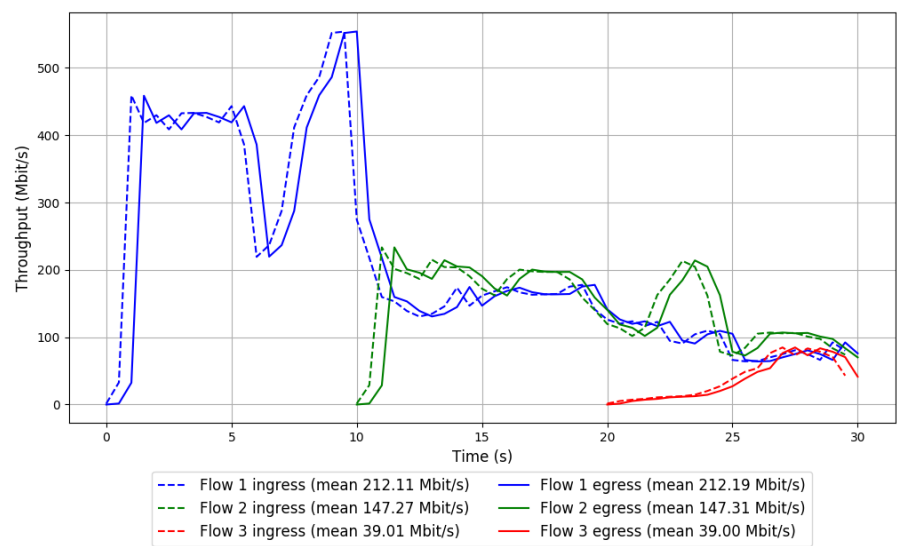


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-02 02:16:20
End at: 2018-08-02 02:16:50
Local clock offset: 2.852 ms
Remote clock offset: -2.978 ms

Below is generated by plot.py at 2018-08-02 07:10:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 322.94 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 212.19 Mbit/s
95th percentile per-packet one-way delay: 1.096 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 147.31 Mbit/s
95th percentile per-packet one-way delay: 1.174 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 1.073 ms
Loss rate: 0.23%

Run 5: Report of PCC-Vivace — Data Link

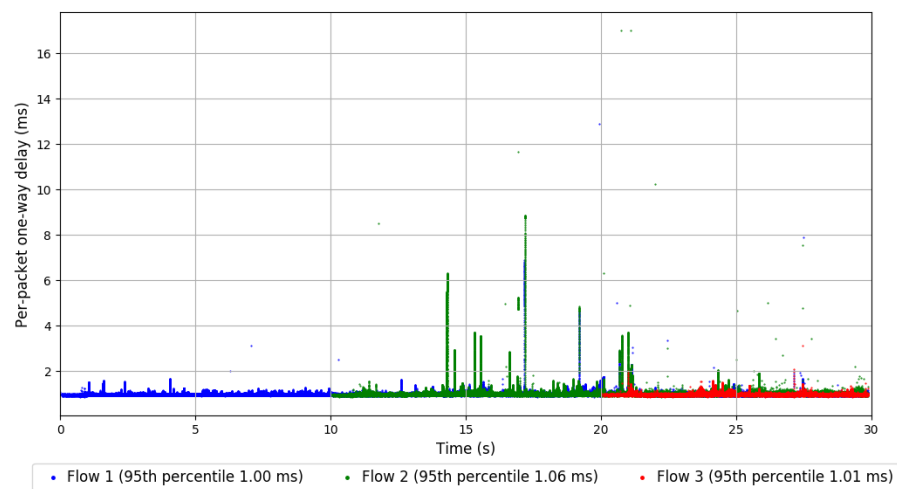
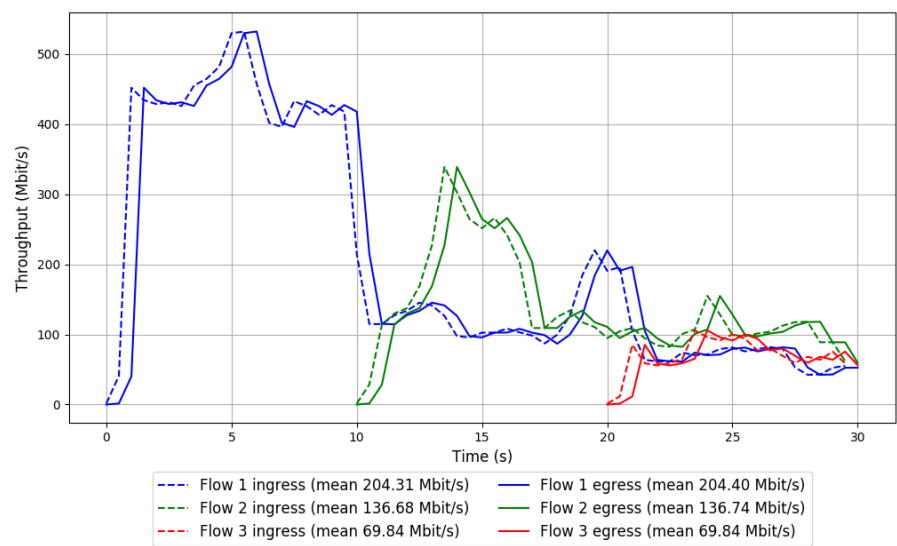


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-02 02:43:22
End at: 2018-08-02 02:43:52
Local clock offset: 2.971 ms
Remote clock offset: -3.402 ms

Below is generated by plot.py at 2018-08-02 07:10:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 318.28 Mbit/s
95th percentile per-packet one-way delay: 1.012 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 204.40 Mbit/s
95th percentile per-packet one-way delay: 0.999 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 136.74 Mbit/s
95th percentile per-packet one-way delay: 1.059 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 69.84 Mbit/s
95th percentile per-packet one-way delay: 1.011 ms
Loss rate: 0.19%

Run 6: Report of PCC-Vivace — Data Link

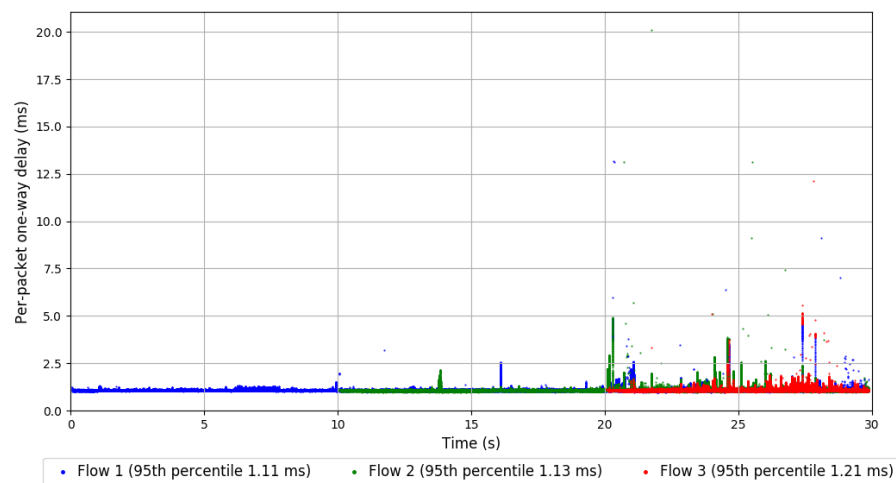
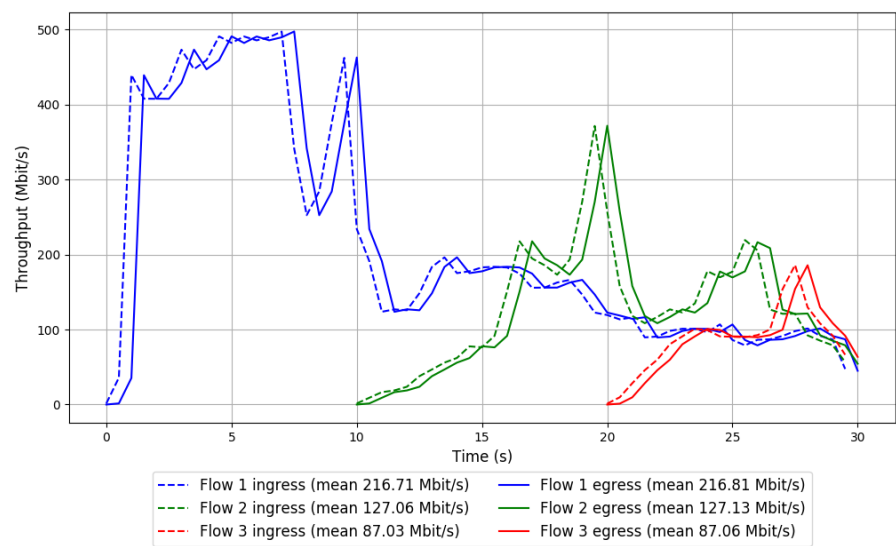


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-02 03:10:18
End at: 2018-08-02 03:10:48
Local clock offset: 3.133 ms
Remote clock offset: -2.972 ms

Below is generated by plot.py at 2018-08-02 07:10:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.95 Mbit/s
95th percentile per-packet one-way delay: 1.121 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 216.81 Mbit/s
95th percentile per-packet one-way delay: 1.114 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 127.13 Mbit/s
95th percentile per-packet one-way delay: 1.131 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.18%

Run 7: Report of PCC-Vivace — Data Link

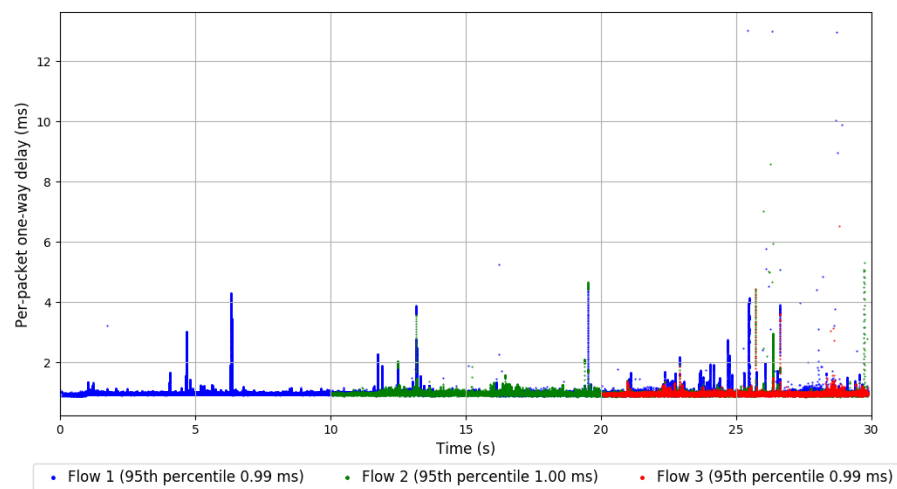
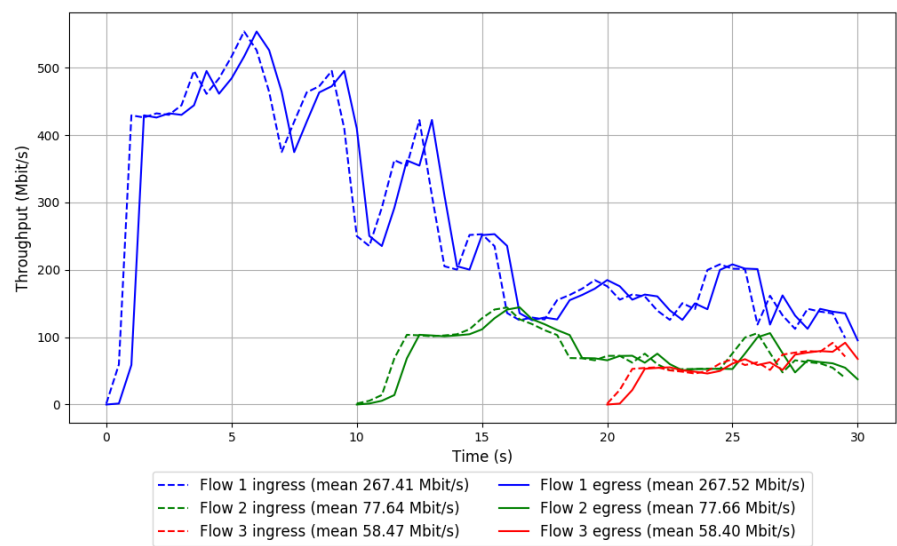


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-02 03:37:23
End at: 2018-08-02 03:37:53
Local clock offset: 2.973 ms
Remote clock offset: -2.891 ms

Below is generated by plot.py at 2018-08-02 07:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 338.39 Mbit/s
95th percentile per-packet one-way delay: 0.992 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 267.52 Mbit/s
95th percentile per-packet one-way delay: 0.990 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 77.66 Mbit/s
95th percentile per-packet one-way delay: 1.000 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 58.40 Mbit/s
95th percentile per-packet one-way delay: 0.995 ms
Loss rate: 0.31%

Run 8: Report of PCC-Vivace — Data Link

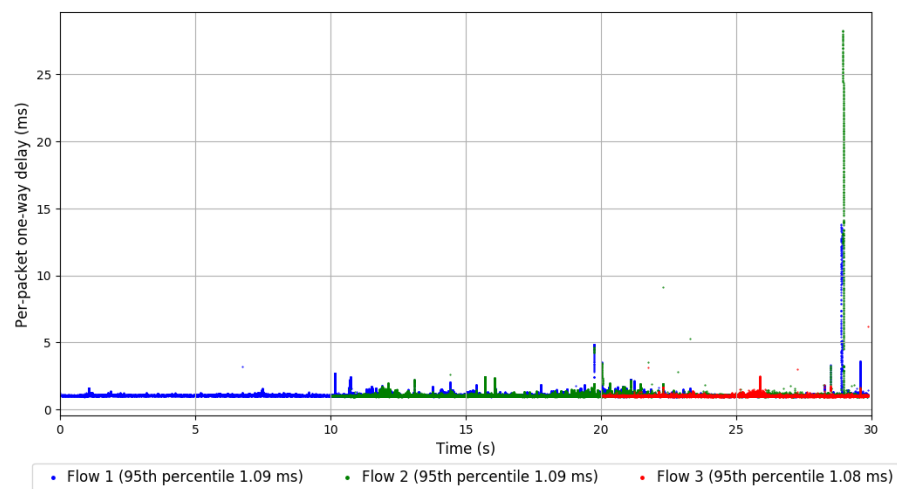
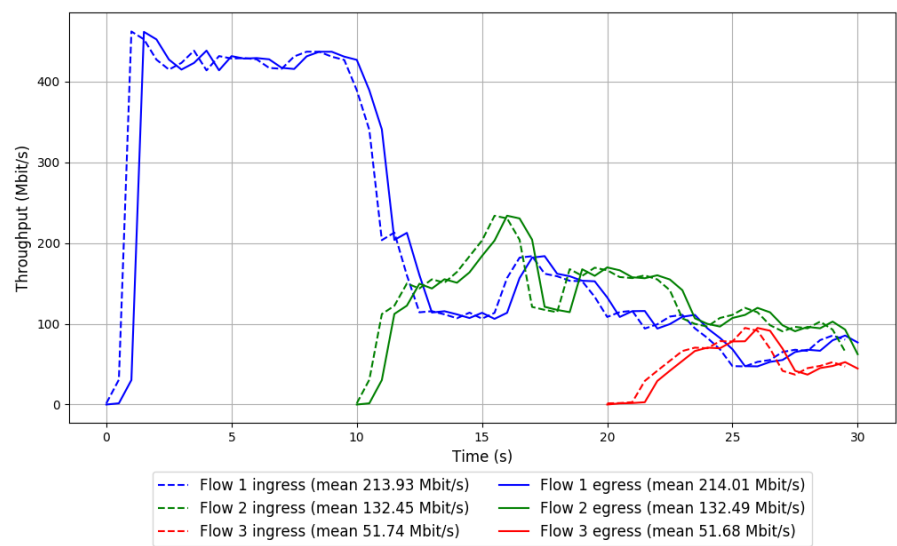


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-02 04:04:27
End at: 2018-08-02 04:04:57
Local clock offset: 3.32 ms
Remote clock offset: -2.839 ms

Below is generated by plot.py at 2018-08-02 07:11:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 319.10 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 214.01 Mbit/s
95th percentile per-packet one-way delay: 1.090 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 132.49 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 51.68 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.26%

Run 9: Report of PCC-Vivace — Data Link

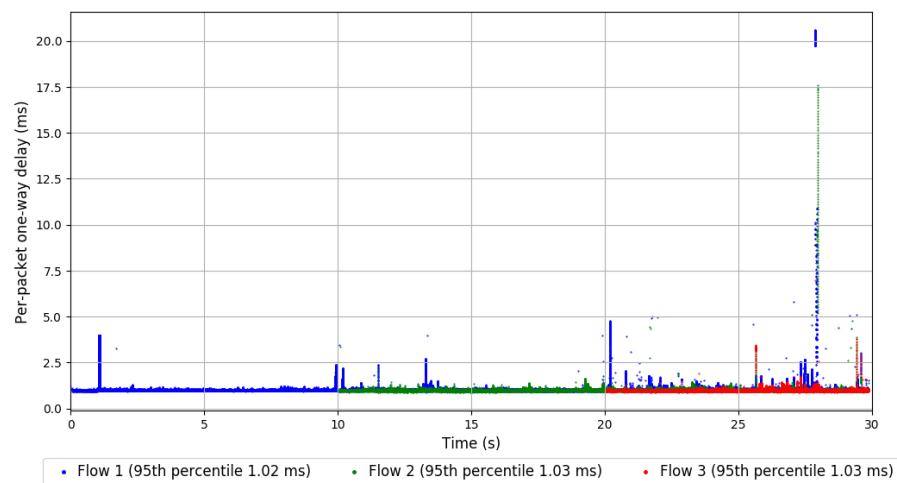
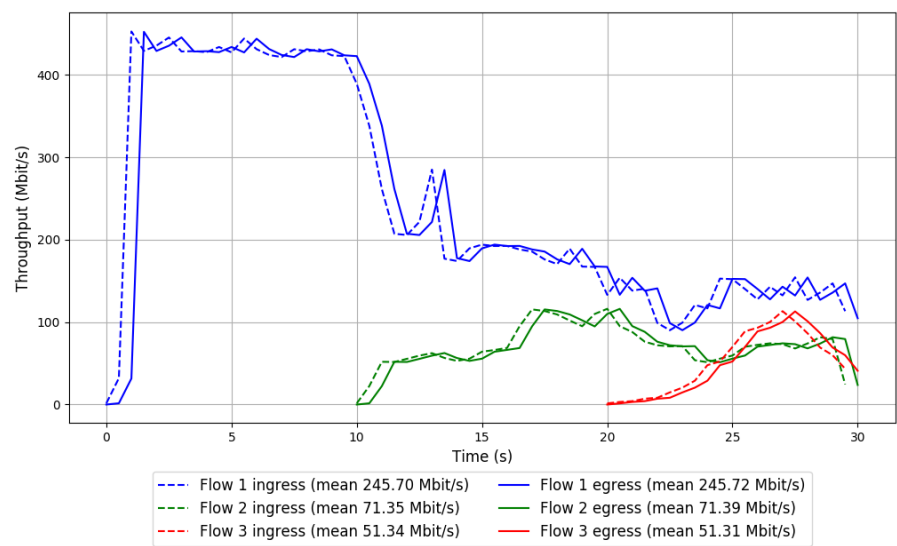


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-02 04:31:19
End at: 2018-08-02 04:31:49
Local clock offset: 3.015 ms
Remote clock offset: -2.849 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 310.09 Mbit/s
95th percentile per-packet one-way delay: 1.025 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 245.72 Mbit/s
95th percentile per-packet one-way delay: 1.024 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 71.39 Mbit/s
95th percentile per-packet one-way delay: 1.026 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 51.31 Mbit/s
95th percentile per-packet one-way delay: 1.033 ms
Loss rate: 0.26%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-08-02 00:40:58

End at: 2018-08-02 00:41:28

Local clock offset: 3.722 ms

Remote clock offset: -2.44 ms

Below is generated by plot.py at 2018-08-02 07:11:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.42 Mbit/s

95th percentile per-packet one-way delay: 1.015 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 1.68 Mbit/s

95th percentile per-packet one-way delay: 1.012 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.22 Mbit/s

95th percentile per-packet one-way delay: 1.013 ms

Loss rate: 0.00%

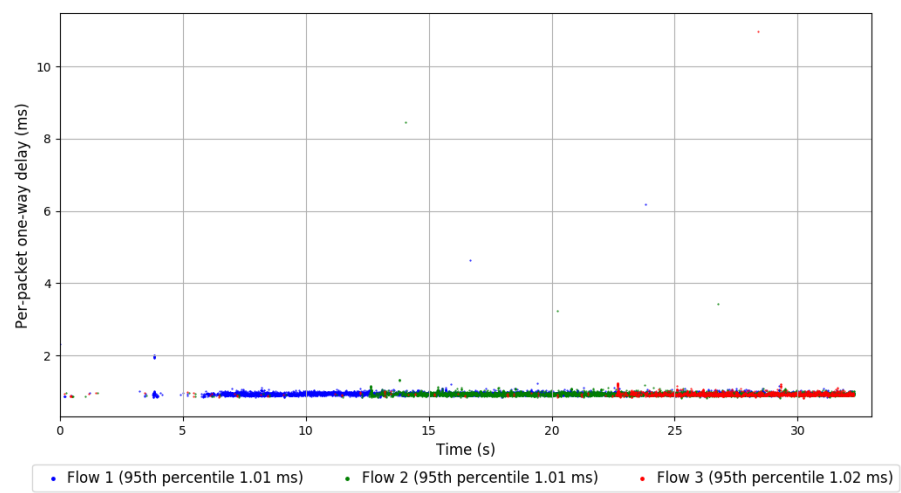
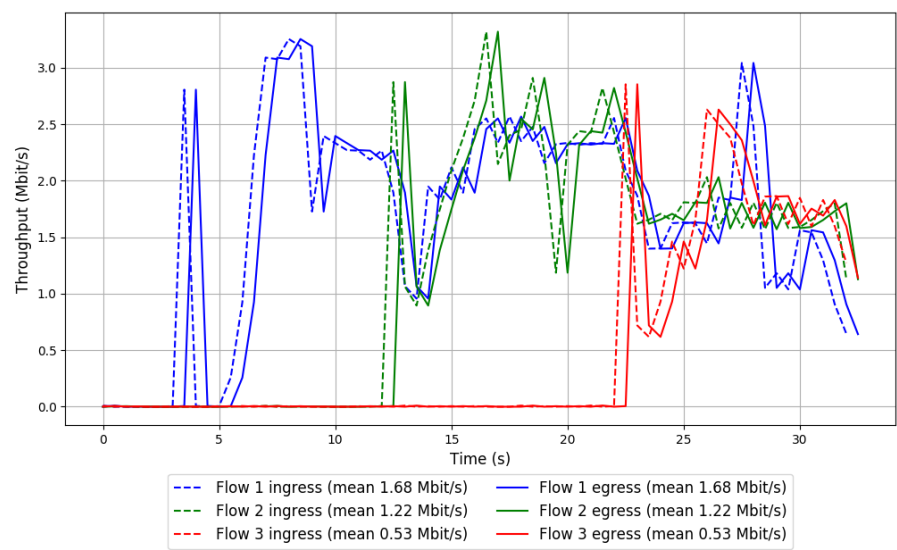
-- Flow 3:

Average throughput: 0.53 Mbit/s

95th percentile per-packet one-way delay: 1.020 ms

Loss rate: 0.39%

Run 1: Report of WebRTC media — Data Link

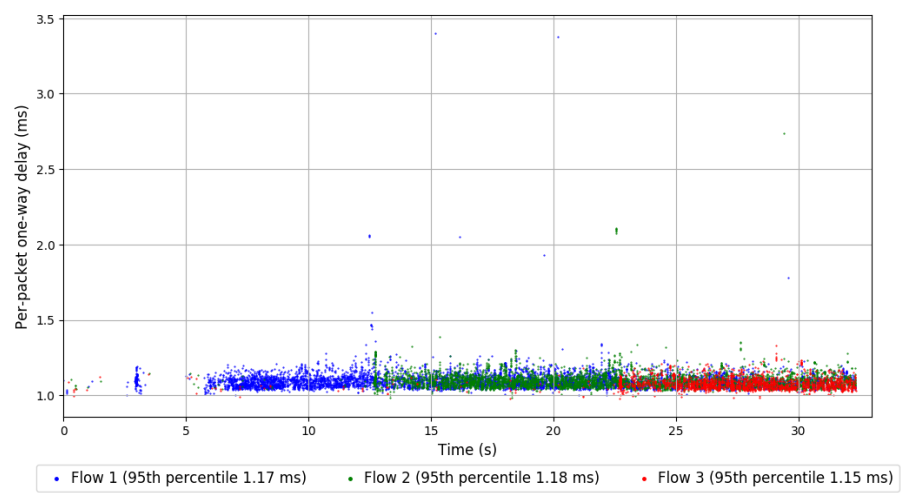
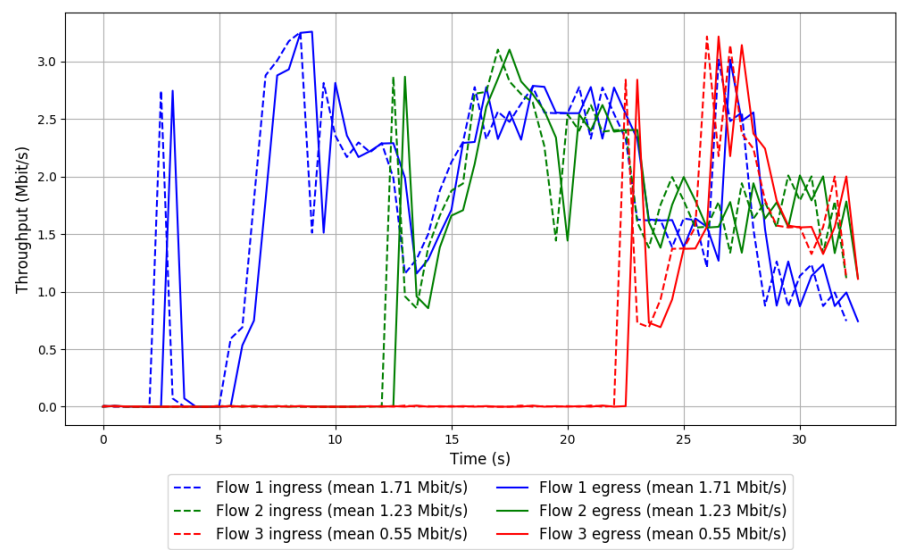


Run 2: Statistics of WebRTC media

Start at: 2018-08-02 01:08:00
End at: 2018-08-02 01:08:30
Local clock offset: 3.561 ms
Remote clock offset: -2.528 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 1.171 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 1.182 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 1.151 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

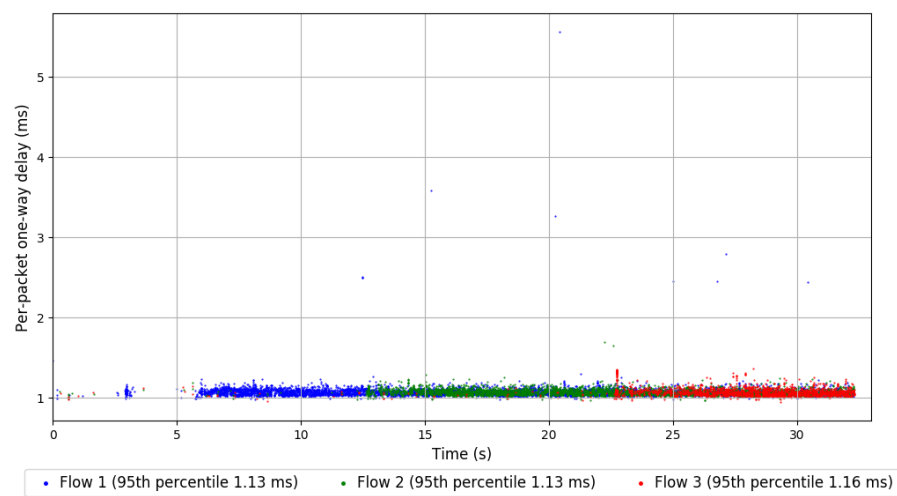
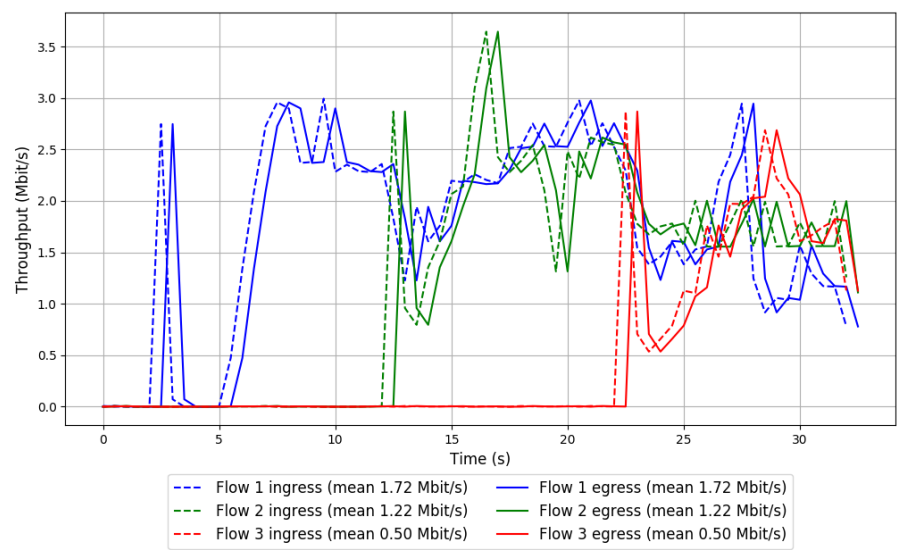


Run 3: Statistics of WebRTC media

Start at: 2018-08-02 01:35:03
End at: 2018-08-02 01:35:33
Local clock offset: 3.49 ms
Remote clock offset: -2.457 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 1.131 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 1.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 1.157 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-08-02 02:01:55

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

Local clock offset: 3.134 ms

Remote clock offset: -2.39 ms

Below is generated by plot.py at 2018-08-02 07:11:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.48 Mbit/s

95th percentile per-packet one-way delay: 1.186 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 1.72 Mbit/s

95th percentile per-packet one-way delay: 1.180 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 1.187 ms

Loss rate: 0.02%

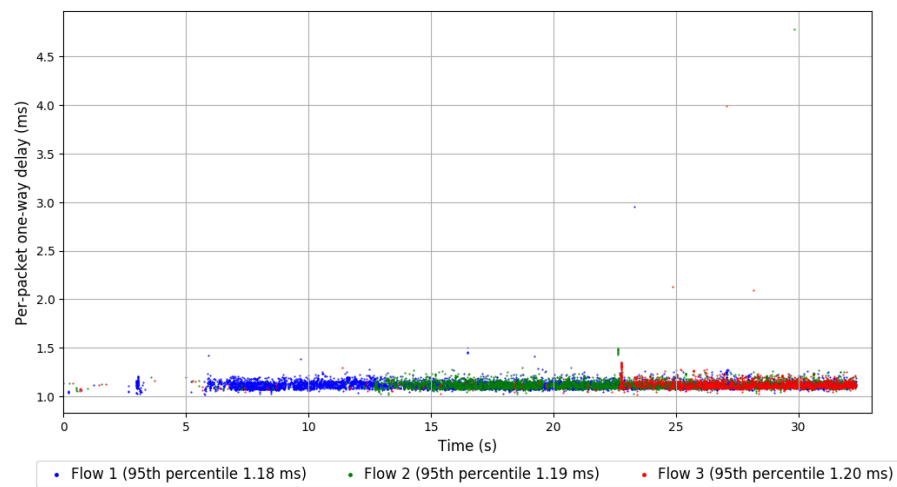
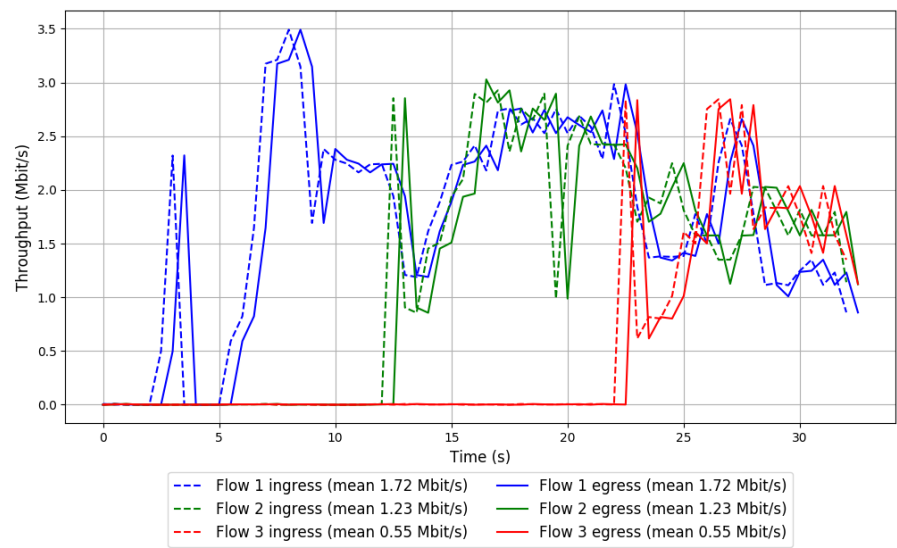
-- Flow 3:

Average throughput: 0.55 Mbit/s

95th percentile per-packet one-way delay: 1.204 ms

Loss rate: 0.64%

Run 4: Report of WebRTC media — Data Link

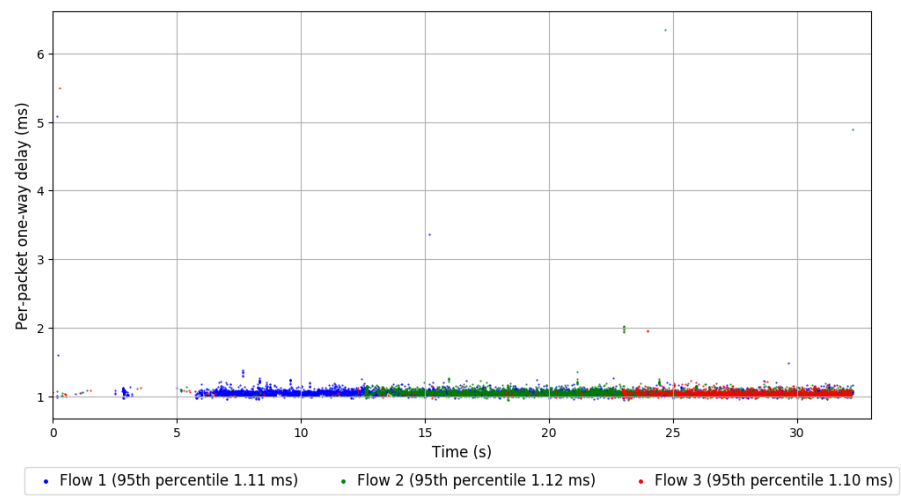
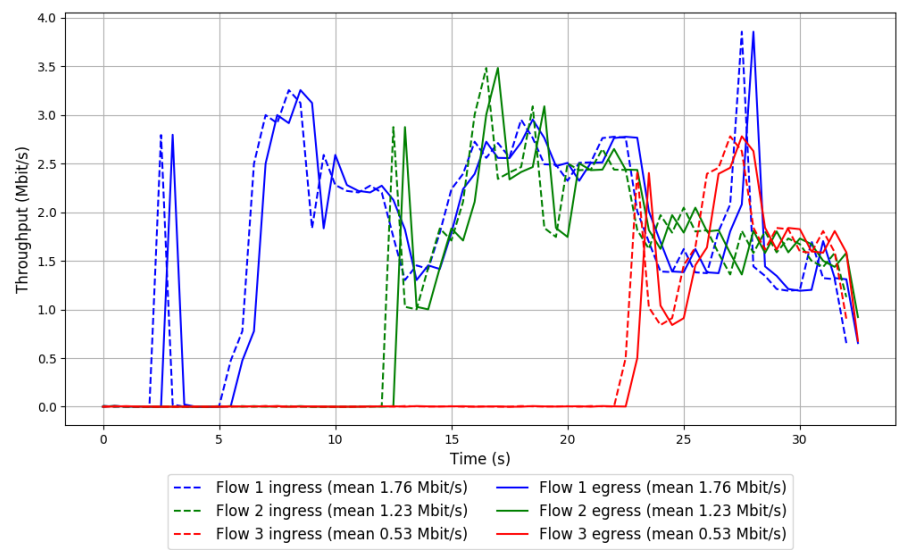


Run 5: Statistics of WebRTC media

Start at: 2018-08-02 02:28:59
End at: 2018-08-02 02:29:29
Local clock offset: 2.844 ms
Remote clock offset: -3.371 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 1.114 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 1.121 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 1.105 ms
Loss rate: 0.67%

Run 5: Report of WebRTC media — Data Link

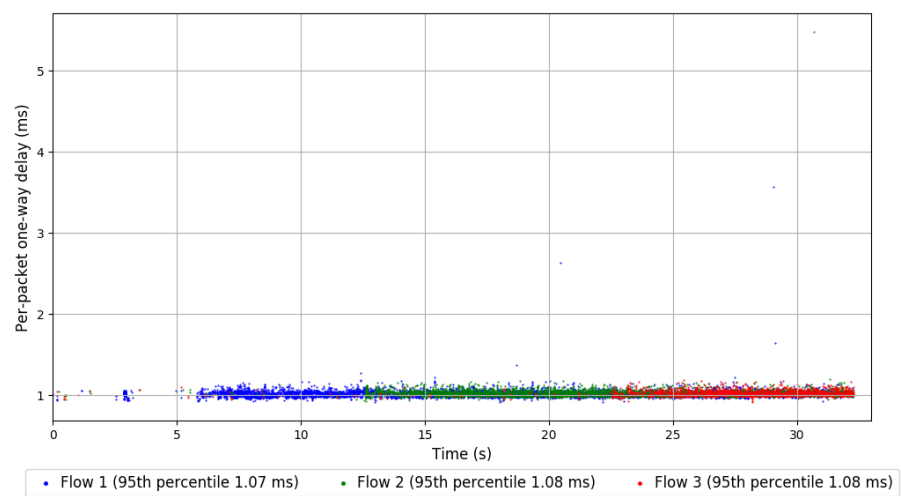
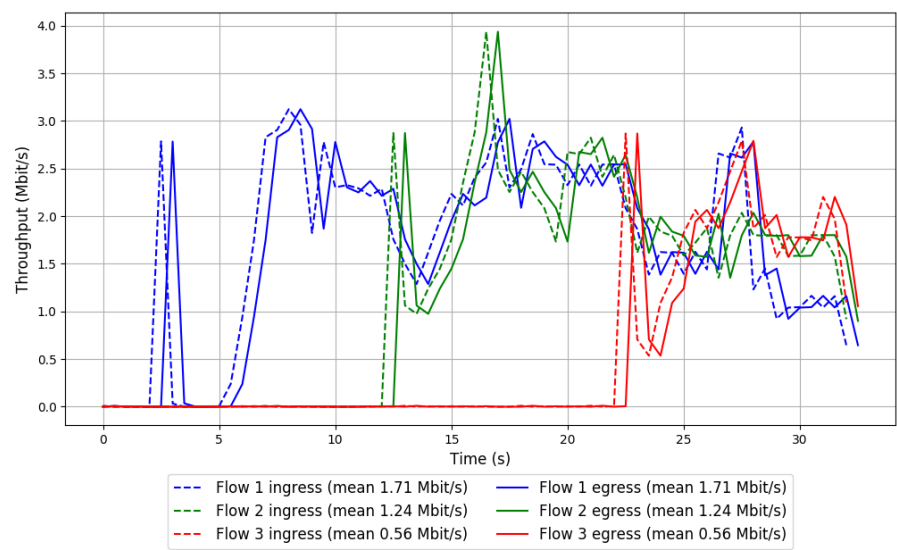


Run 6: Statistics of WebRTC media

Start at: 2018-08-02 02:55:53
End at: 2018-08-02 02:56:23
Local clock offset: 3.212 ms
Remote clock offset: -2.957 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 1.078 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 1.071 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 1.083 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 1.082 ms
Loss rate: 0.28%

Run 6: Report of WebRTC media — Data Link

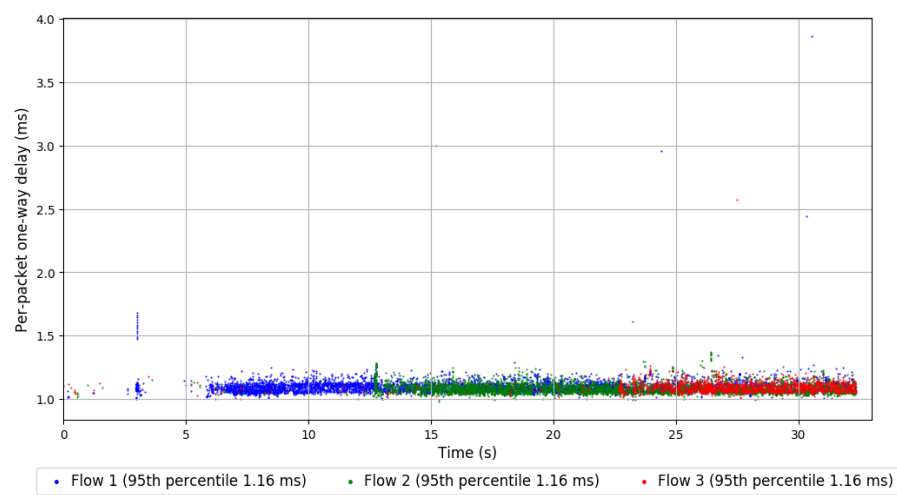
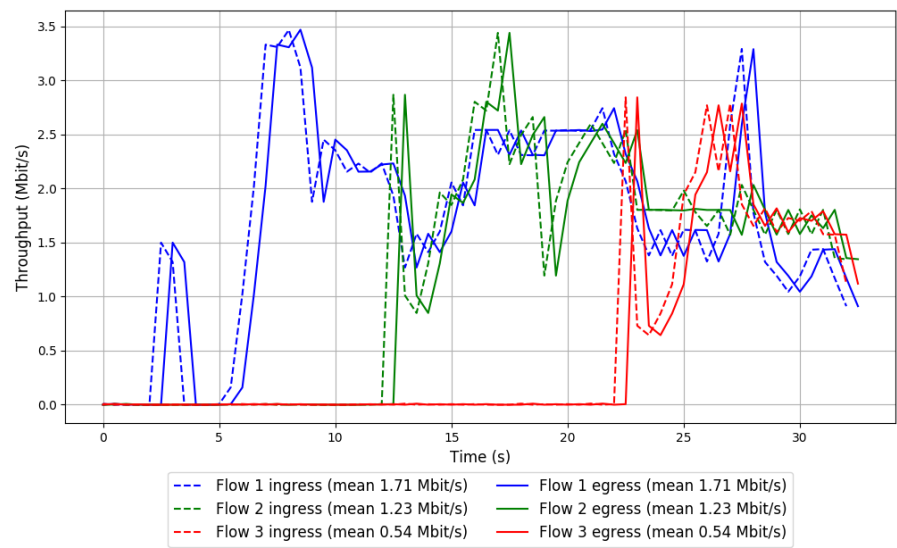


Run 7: Statistics of WebRTC media

Start at: 2018-08-02 03:22:58
End at: 2018-08-02 03:23:28
Local clock offset: 3.15 ms
Remote clock offset: -2.942 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 1.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 1.161 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 1.161 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 1.156 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

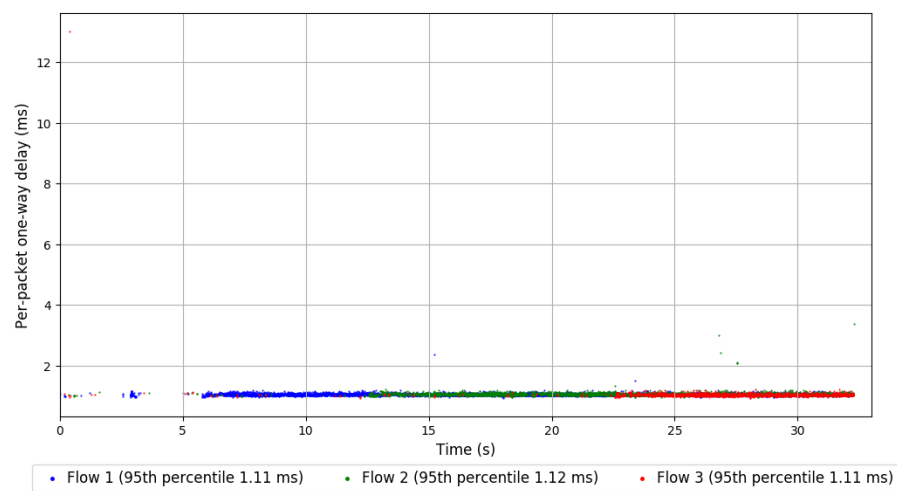
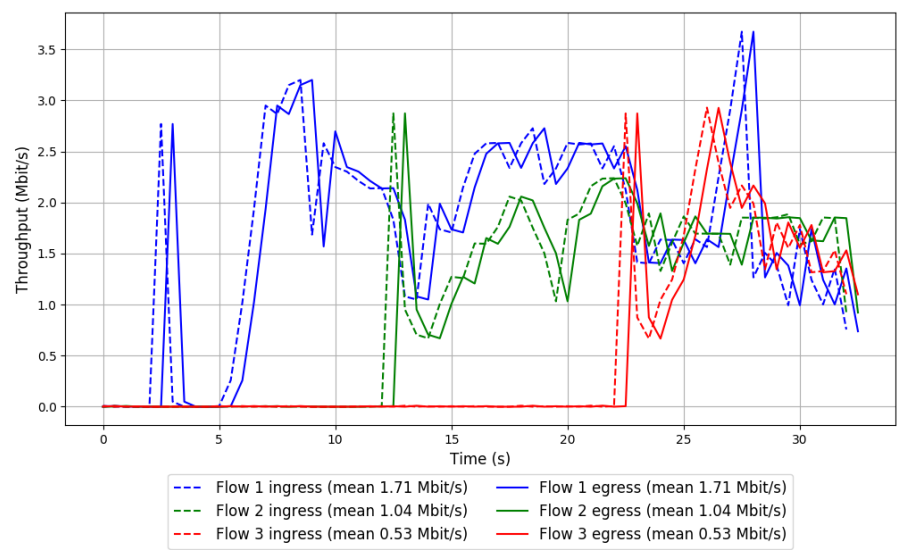


Run 8: Statistics of WebRTC media

Start at: 2018-08-02 03:50:06
End at: 2018-08-02 03:50:36
Local clock offset: 3.098 ms
Remote clock offset: -2.852 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.26 Mbit/s
95th percentile per-packet one-way delay: 1.115 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 1.111 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 1.04 Mbit/s
95th percentile per-packet one-way delay: 1.123 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 1.106 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

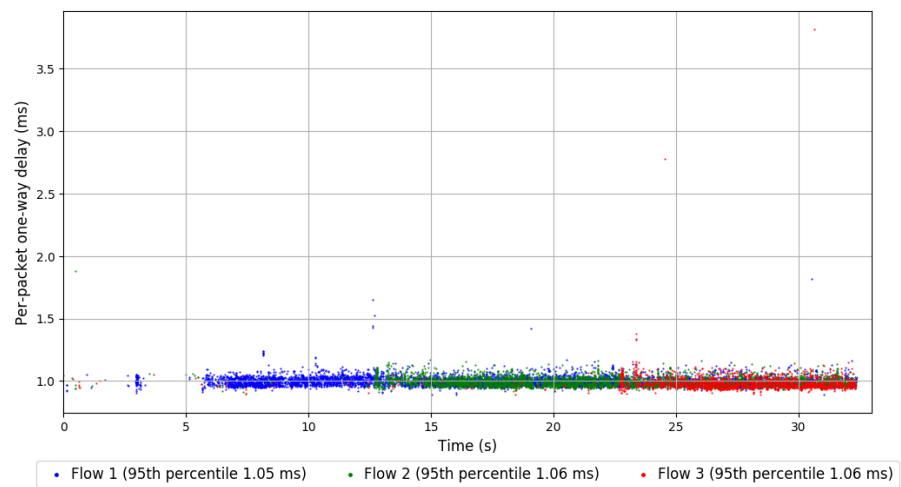
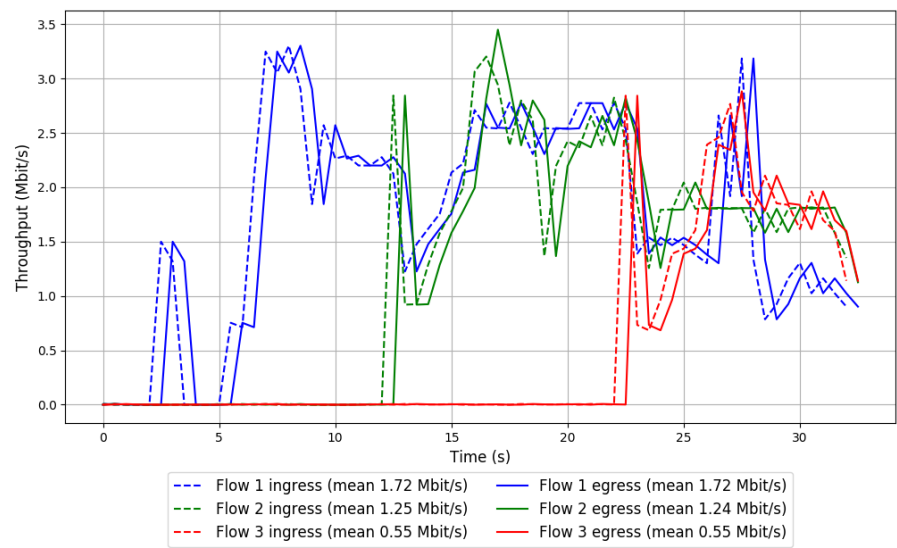


Run 9: Statistics of WebRTC media

Start at: 2018-08-02 04:16:57
End at: 2018-08-02 04:17:27
Local clock offset: 3.437 ms
Remote clock offset: -2.771 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 1.055 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 1.061 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-02 04:43:54
End at: 2018-08-02 04:44:24
Local clock offset: 2.904 ms
Remote clock offset: -2.876 ms

Below is generated by plot.py at 2018-08-02 07:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 1.094 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 1.081 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 1.104 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1.100 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

