

Pantheon Report

Generated at 2018-07-04 10:22:50 (UTC).

Data path: GCE London Ethernet (*remote*) → GCE Tokyo 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.

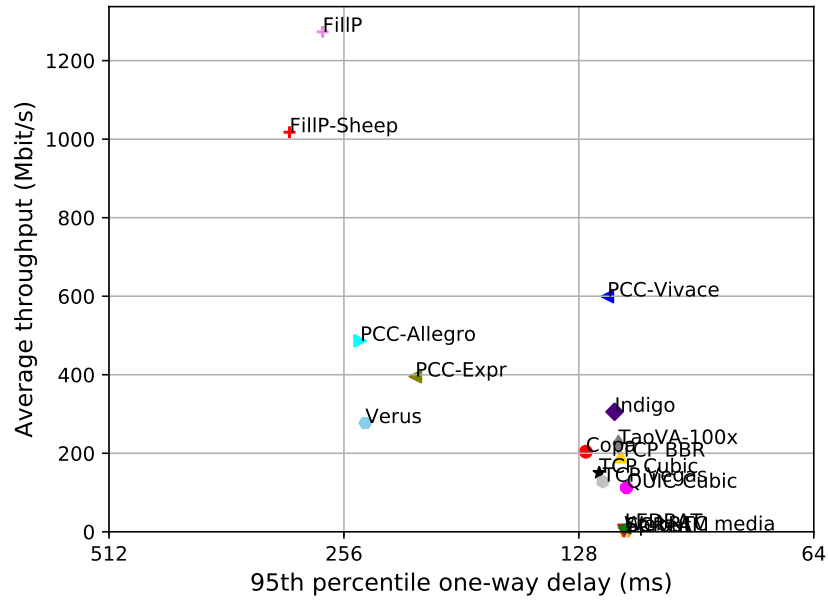
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

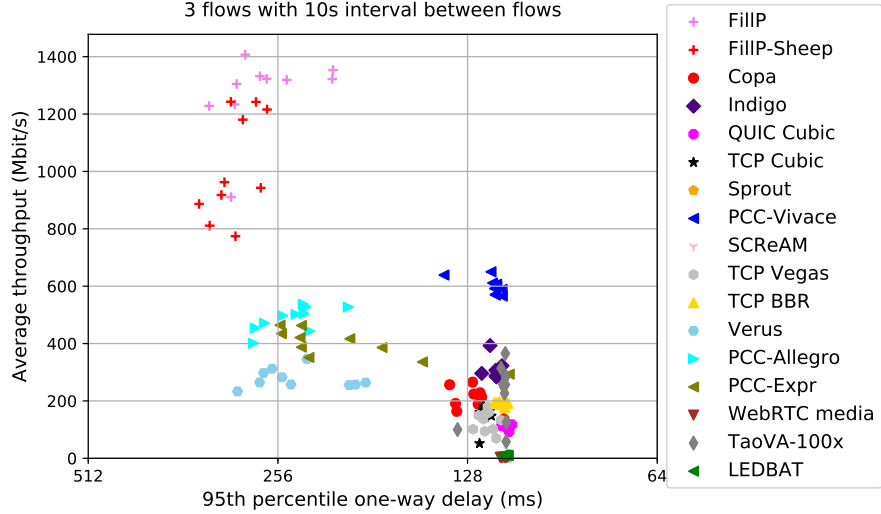
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
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 GCE London to GCE Tokyo, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE London to GCE Tokyo, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



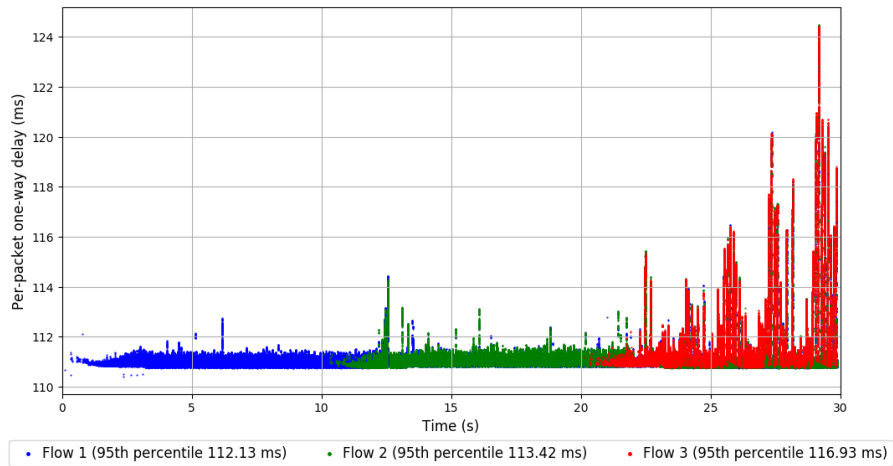
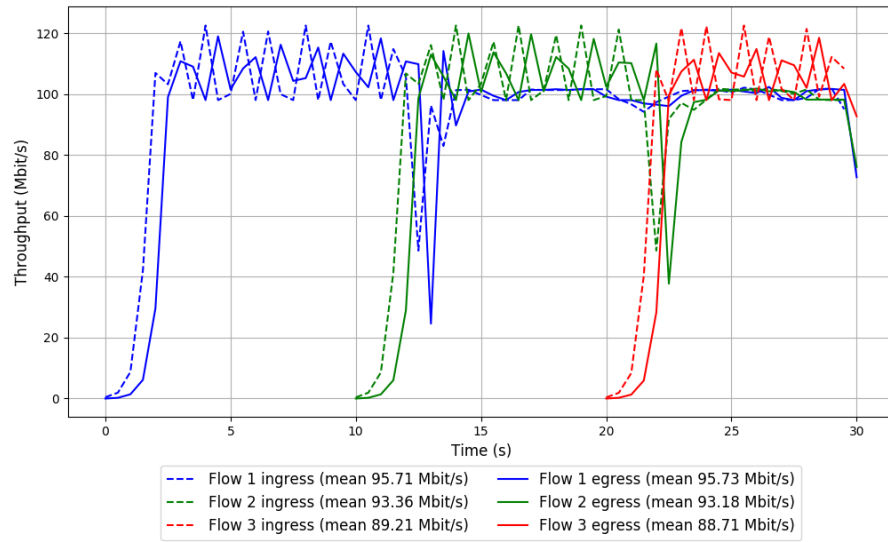
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	98.91	96.09	88.58	112.68	113.43	113.50	0.76	1.22	2.66
Copa	10	117.60	95.14	88.07	122.09	124.69	123.60	0.55	1.15	2.57
TCP Cubic	10	87.00	68.31	55.76	121.05	118.95	118.45	0.79	1.28	3.20
FillP	10	667.41	669.38	496.71	279.43	258.04	237.61	3.23	3.31	4.34
FillP-Sheep	10	410.39	649.70	543.66	304.11	273.09	251.98	4.36	4.76	5.14
Indigo	10	154.84	154.31	148.18	113.87	116.03	117.47	0.78	1.18	2.69
LEDBAT	10	6.70	4.24	2.00	111.79	111.88	111.38	1.46	2.34	4.85
PCC-Allegro	10	458.76	35.80	12.11	244.08	236.20	220.38	3.78	3.83	5.37
PCC-Expr	10	269.86	160.03	59.99	206.78	185.96	181.26	1.70	2.49	3.83
QUIC Cubic	10	62.17	56.03	40.06	110.63	110.79	110.86	0.98	0.93	2.43
SCReAM	10	0.22	0.22	0.22	110.94	111.19	111.15	0.69	1.24	2.14
Sprout	10	0.21	0.21	0.25	111.28	111.27	111.37	0.77	0.86	1.93
TaoVA-100x	10	111.55	122.19	95.02	113.35	111.97	115.67	0.75	1.36	3.41
TCP Vegas	10	82.56	39.01	59.08	119.54	118.74	117.09	0.64	1.18	2.42
Verus	10	173.94	128.33	56.26	228.80	231.97	212.23	1.61	2.62	5.46
PCC-Vivace	10	346.90	310.60	143.75	117.44	121.90	132.26	0.92	1.33	3.32
WebRTC media	10	1.87	1.15	0.42	111.62	112.00	111.73	0.97	1.54	2.56

Run 1: Statistics of TCP BBR

Start at: 2018-07-04 03:31:18
End at: 2018-07-04 03:31:48
Local clock offset: -0.425 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-07-04 08:07:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 186.57 Mbit/s
95th percentile per-packet one-way delay: 113.776 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 112.126 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 113.424 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 88.71 Mbit/s
95th percentile per-packet one-way delay: 116.929 ms
Loss rate: 2.76%

Run 1: Report of TCP BBR — Data Link

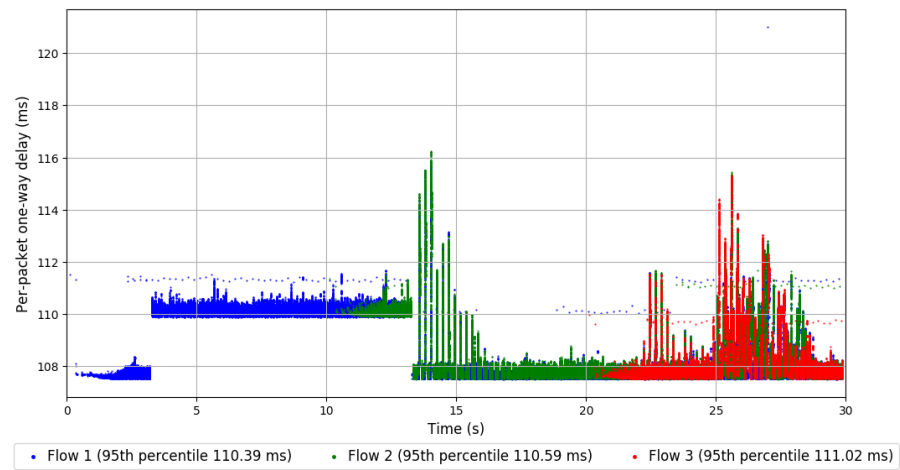
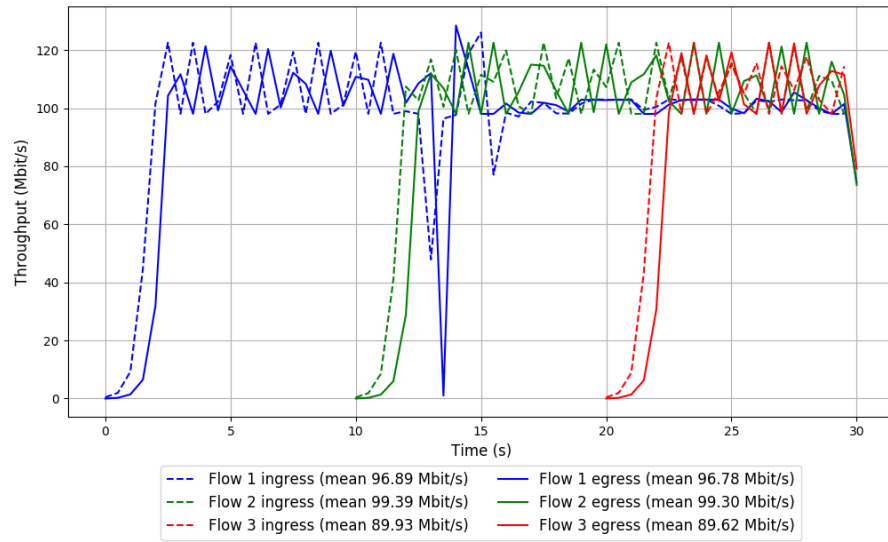


Run 2: Statistics of TCP BBR

Start at: 2018-07-04 03:57:38
End at: 2018-07-04 03:58:08
Local clock offset: -1.369 ms
Remote clock offset: -0.217 ms

Below is generated by plot.py at 2018-07-04 08:07:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 191.78 Mbit/s
95th percentile per-packet one-way delay: 110.441 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 110.392 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 99.30 Mbit/s
95th percentile per-packet one-way delay: 110.592 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 89.62 Mbit/s
95th percentile per-packet one-way delay: 111.021 ms
Loss rate: 2.59%

Run 2: Report of TCP BBR — Data Link

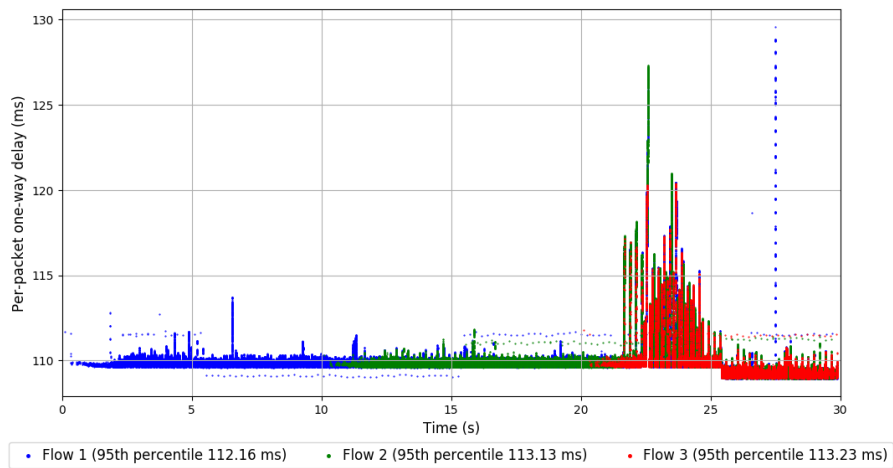
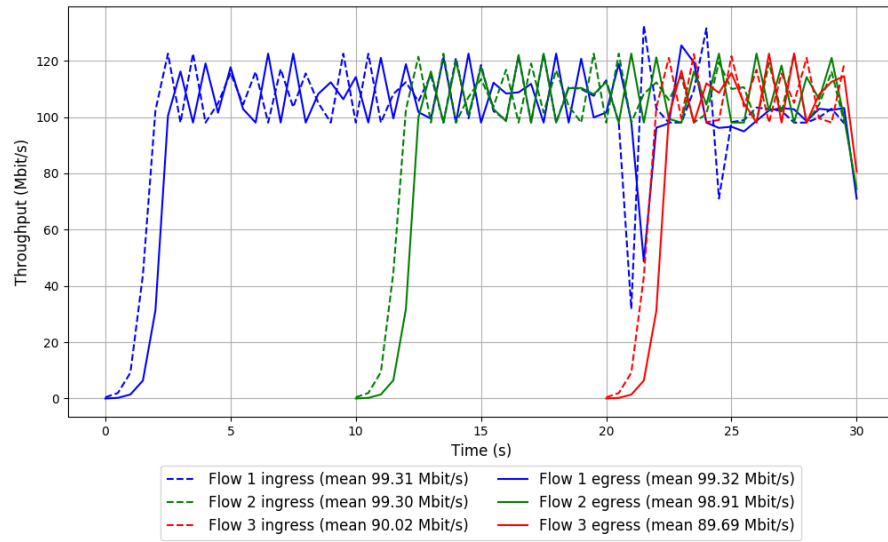


Run 3: Statistics of TCP BBR

Start at: 2018-07-04 04:23:46
End at: 2018-07-04 04:24:16
Local clock offset: 0.199 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2018-07-04 08:07:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 194.39 Mbit/s
95th percentile per-packet one-way delay: 112.823 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 99.32 Mbit/s
95th percentile per-packet one-way delay: 112.160 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 98.91 Mbit/s
95th percentile per-packet one-way delay: 113.132 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 89.69 Mbit/s
95th percentile per-packet one-way delay: 113.229 ms
Loss rate: 2.58%

Run 3: Report of TCP BBR — Data Link

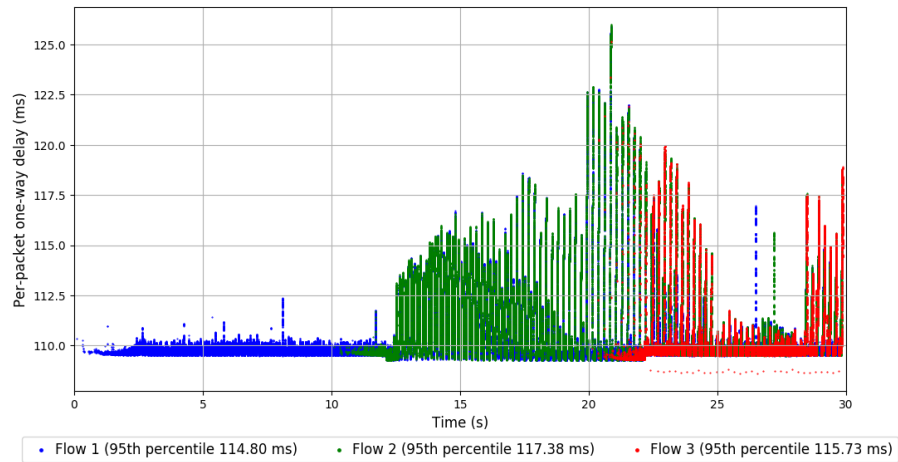
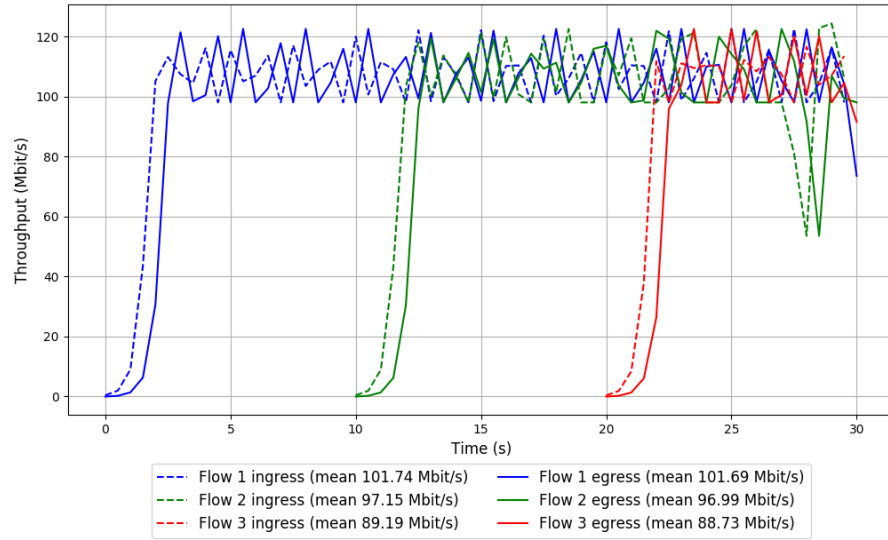


Run 4: Statistics of TCP BBR

Start at: 2018-07-04 04:50:29
End at: 2018-07-04 04:50:59
Local clock offset: -1.265 ms
Remote clock offset: -0.172 ms

Below is generated by plot.py at 2018-07-04 08:07:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 194.94 Mbit/s
95th percentile per-packet one-way delay: 115.932 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 101.69 Mbit/s
95th percentile per-packet one-way delay: 114.799 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 117.375 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 88.73 Mbit/s
95th percentile per-packet one-way delay: 115.726 ms
Loss rate: 2.76%

Run 4: Report of TCP BBR — Data Link

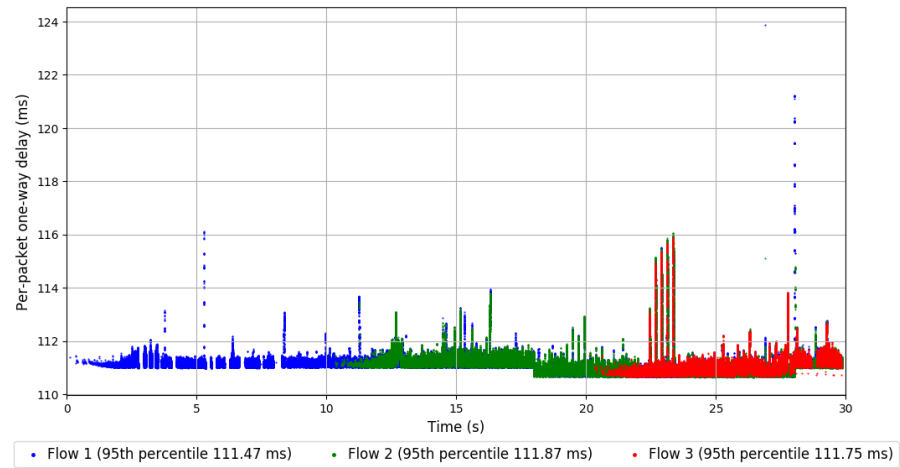
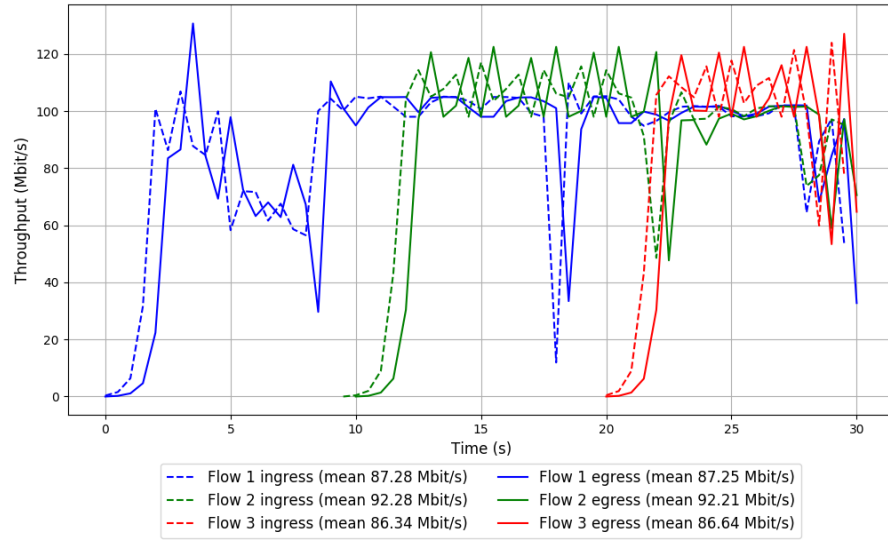


Run 5: Statistics of TCP BBR

Start at: 2018-07-04 05:17:03
End at: 2018-07-04 05:17:33
Local clock offset: -0.219 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-07-04 08:07:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 176.70 Mbit/s
95th percentile per-packet one-way delay: 111.630 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 111.474 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 92.21 Mbit/s
95th percentile per-packet one-way delay: 111.871 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 86.64 Mbit/s
95th percentile per-packet one-way delay: 111.754 ms
Loss rate: 2.38%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-07-04 05:43:13

End at: 2018-07-04 05:43:43

Local clock offset: 0.266 ms

Remote clock offset: 0.09 ms

Below is generated by plot.py at 2018-07-04 08:07:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 195.85 Mbit/s

95th percentile per-packet one-way delay: 113.842 ms

Loss rate: 1.21%

-- Flow 1:

Average throughput: 103.40 Mbit/s

95th percentile per-packet one-way delay: 113.318 ms

Loss rate: 0.79%

-- Flow 2:

Average throughput: 97.82 Mbit/s

95th percentile per-packet one-way delay: 113.552 ms

Loss rate: 1.16%

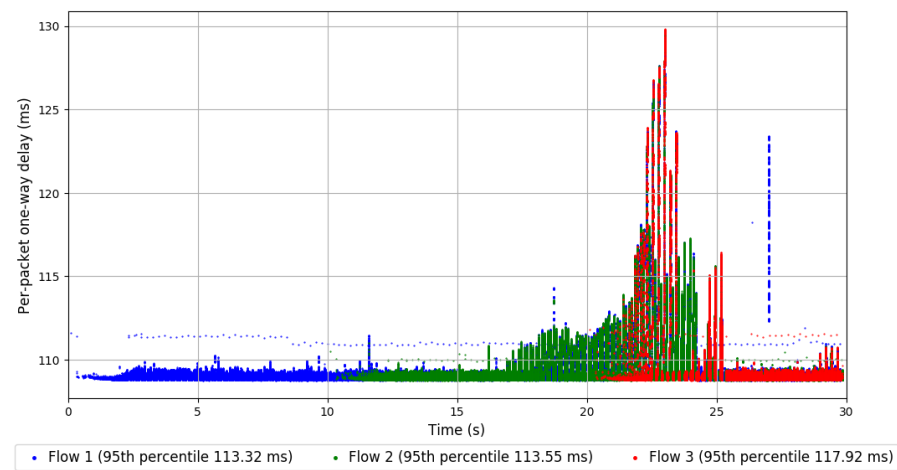
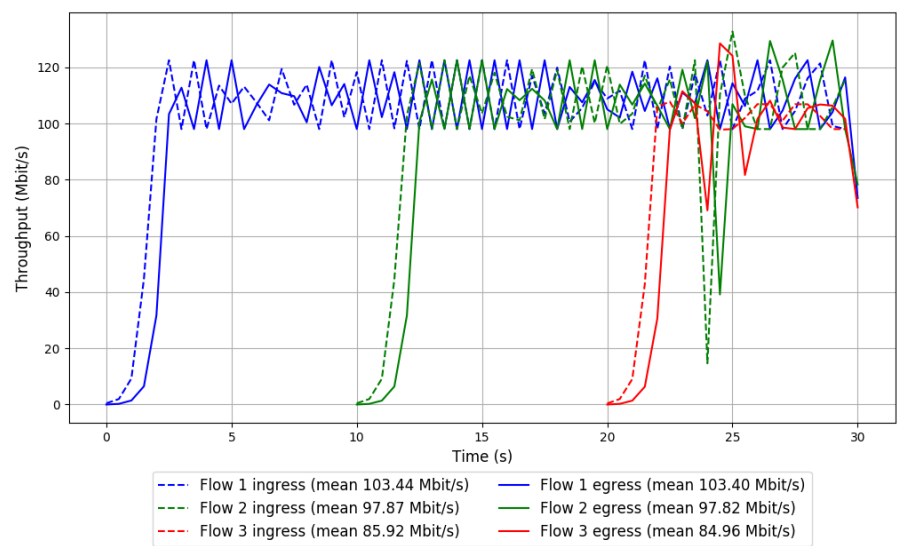
-- Flow 3:

Average throughput: 84.96 Mbit/s

95th percentile per-packet one-way delay: 117.915 ms

Loss rate: 2.86%

Run 6: Report of TCP BBR — Data Link

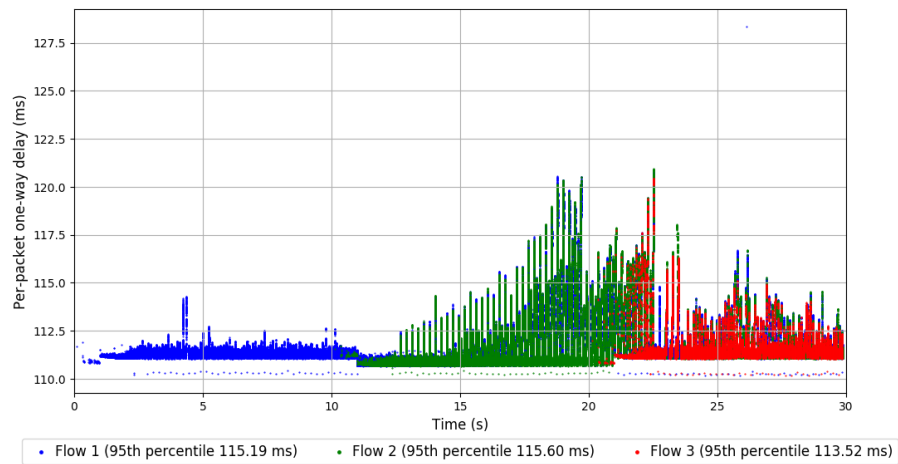
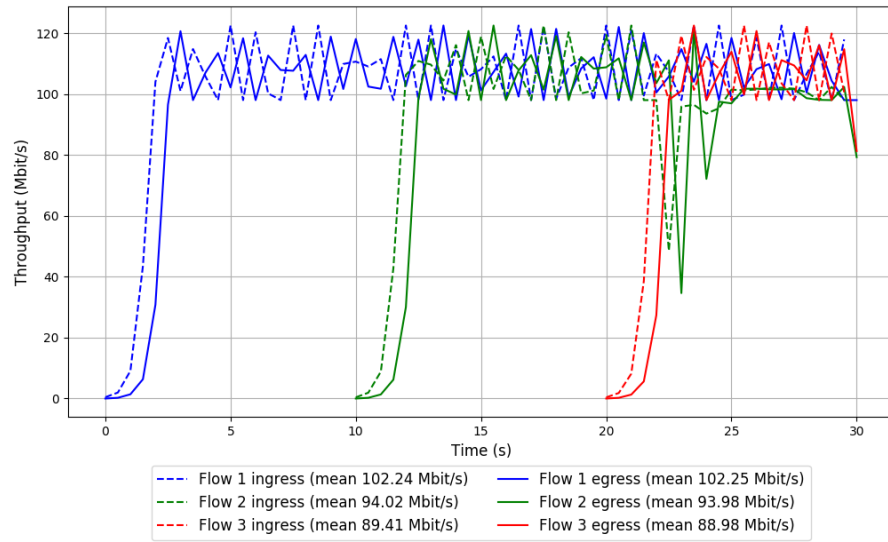


Run 7: Statistics of TCP BBR

Start at: 2018-07-04 06:09:00
End at: 2018-07-04 06:09:30
Local clock offset: -0.16 ms
Remote clock offset: -0.573 ms

Below is generated by plot.py at 2018-07-04 08:07:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 193.66 Mbit/s
95th percentile per-packet one-way delay: 115.197 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 102.25 Mbit/s
95th percentile per-packet one-way delay: 115.190 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 115.603 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 88.98 Mbit/s
95th percentile per-packet one-way delay: 113.521 ms
Loss rate: 2.76%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-04 06:35:22

End at: 2018-07-04 06:35:52

Local clock offset: 0.215 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-07-04 08:07:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 197.50 Mbit/s

95th percentile per-packet one-way delay: 113.879 ms

Loss rate: 1.21%

-- Flow 1:

Average throughput: 102.92 Mbit/s

95th percentile per-packet one-way delay: 113.451 ms

Loss rate: 0.80%

-- Flow 2:

Average throughput: 98.76 Mbit/s

95th percentile per-packet one-way delay: 114.218 ms

Loss rate: 1.21%

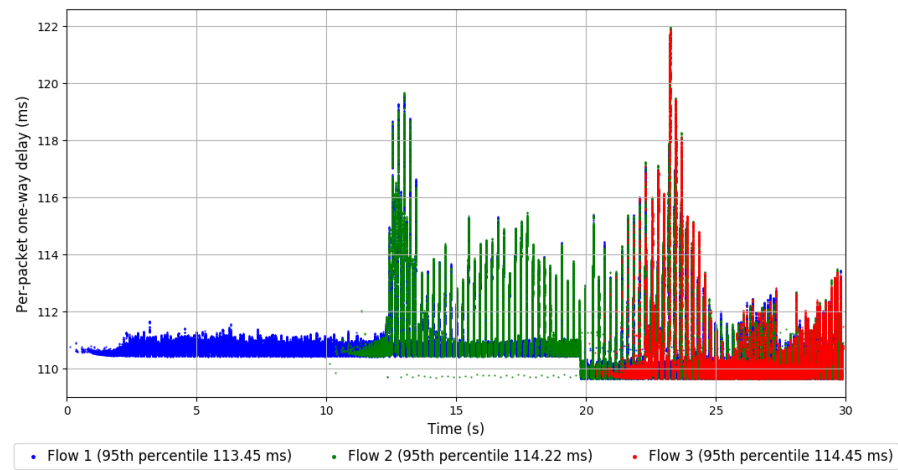
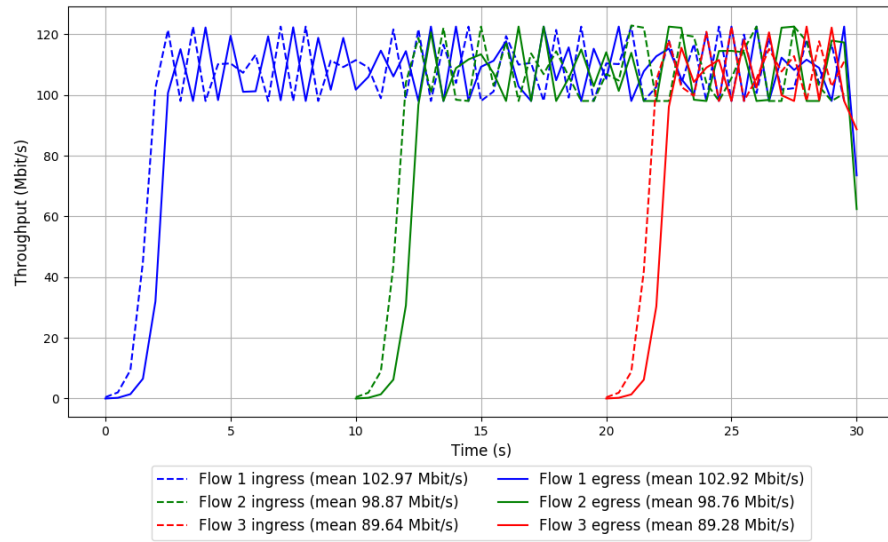
-- Flow 3:

Average throughput: 89.28 Mbit/s

95th percentile per-packet one-way delay: 114.450 ms

Loss rate: 2.62%

Run 8: Report of TCP BBR — Data Link

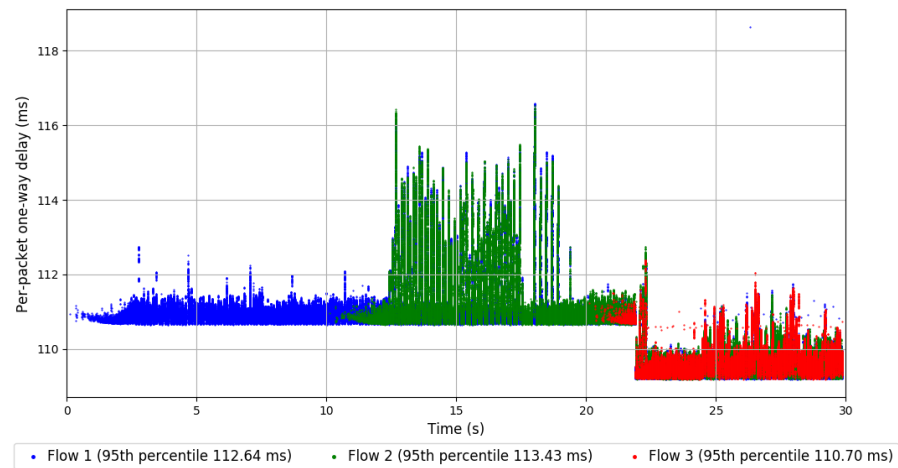
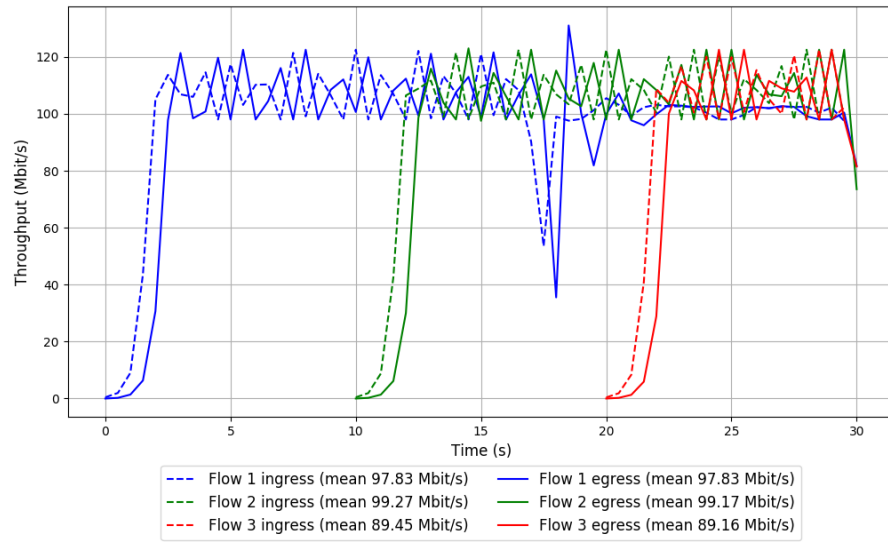


Run 9: Statistics of TCP BBR

Start at: 2018-07-04 07:01:50
End at: 2018-07-04 07:02:20
Local clock offset: -0.225 ms
Remote clock offset: -0.172 ms

Below is generated by plot.py at 2018-07-04 08:10:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 192.69 Mbit/s
95th percentile per-packet one-way delay: 112.857 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 97.83 Mbit/s
95th percentile per-packet one-way delay: 112.637 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 99.17 Mbit/s
95th percentile per-packet one-way delay: 113.434 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 89.16 Mbit/s
95th percentile per-packet one-way delay: 110.702 ms
Loss rate: 2.54%

Run 9: Report of TCP BBR — Data Link

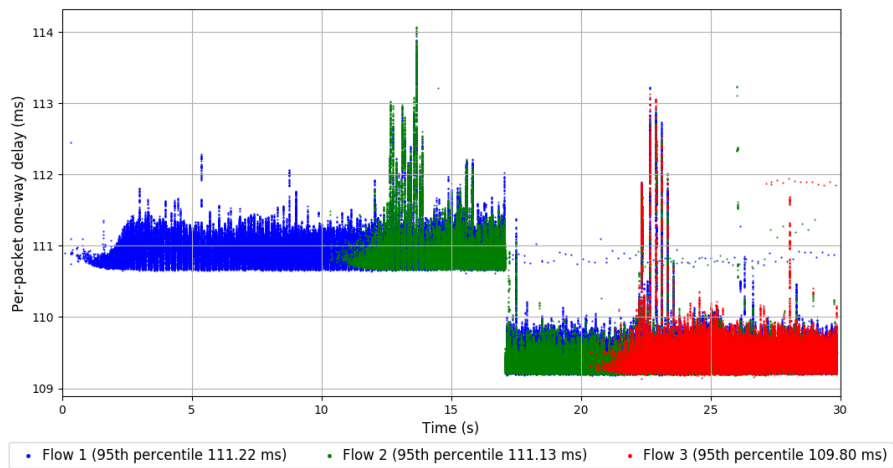
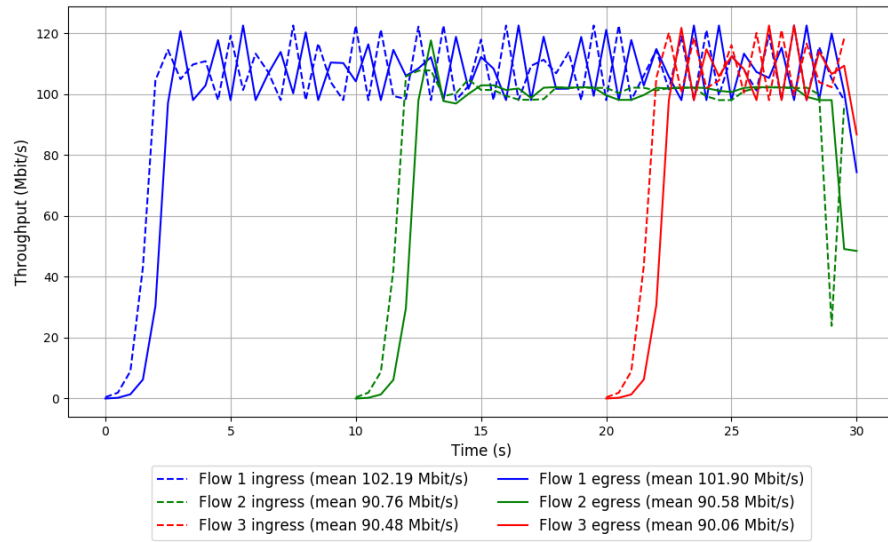


Run 10: Statistics of TCP BBR

Start at: 2018-07-04 07:27:54
End at: 2018-07-04 07:28:24
Local clock offset: -0.264 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2018-07-04 08:10:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 191.46 Mbit/s
95th percentile per-packet one-way delay: 111.179 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 101.90 Mbit/s
95th percentile per-packet one-way delay: 111.224 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 111.126 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 90.06 Mbit/s
95th percentile per-packet one-way delay: 109.797 ms
Loss rate: 2.72%

Run 10: Report of TCP BBR — Data Link

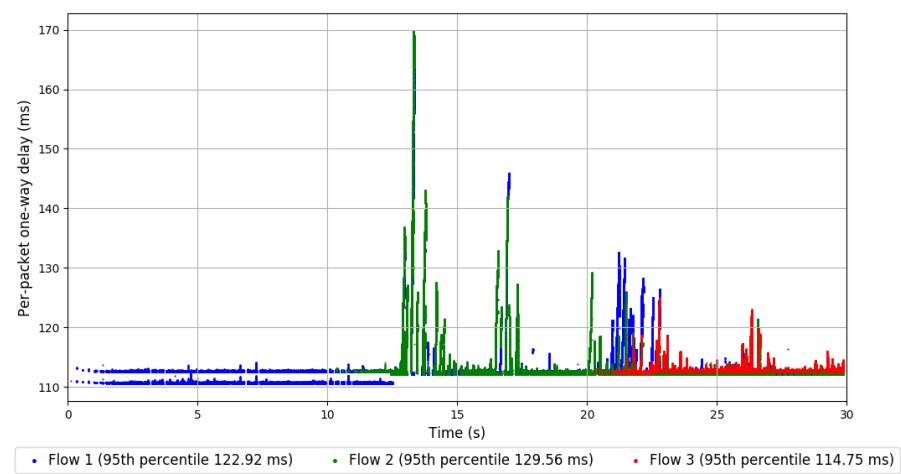
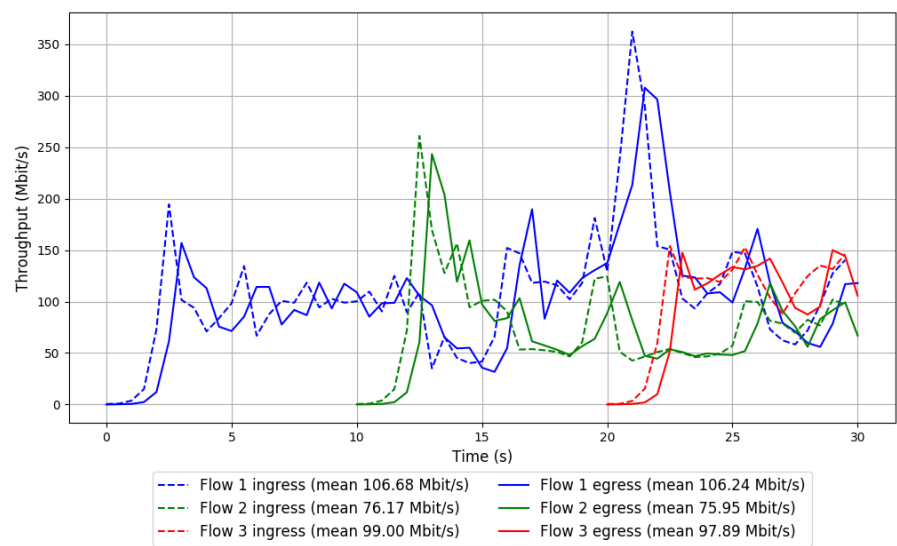


Run 1: Statistics of Copa

Start at: 2018-07-04 03:25:49
End at: 2018-07-04 03:26:19
Local clock offset: 1.276 ms
Remote clock offset: -0.221 ms

Below is generated by plot.py at 2018-07-04 08:12:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 188.61 Mbit/s
95th percentile per-packet one-way delay: 123.131 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 106.24 Mbit/s
95th percentile per-packet one-way delay: 122.916 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 129.560 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 97.89 Mbit/s
95th percentile per-packet one-way delay: 114.747 ms
Loss rate: 3.34%

Run 1: Report of Copa — Data Link

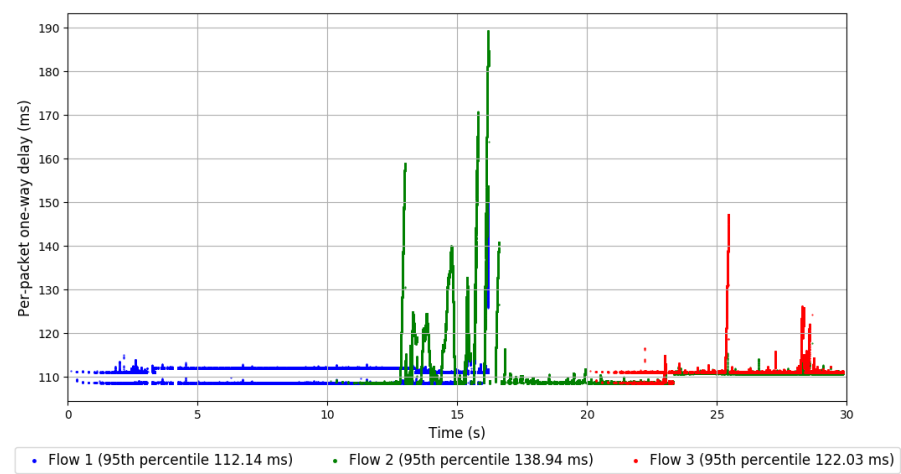
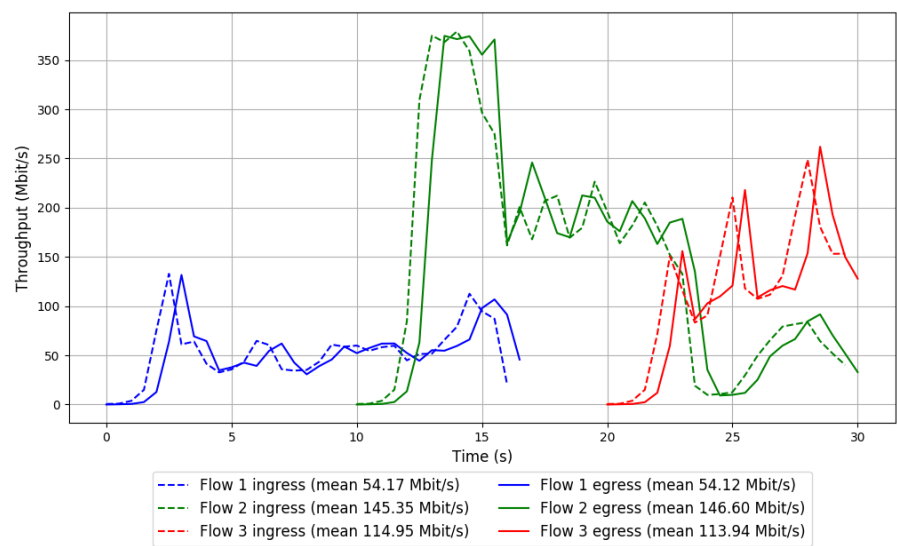


Run 2: Statistics of Copa

Start at: 2018-07-04 03:52:08
End at: 2018-07-04 03:52:38
Local clock offset: -0.257 ms
Remote clock offset: -0.179 ms

Below is generated by plot.py at 2018-07-04 08:12:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 163.81 Mbit/s
95th percentile per-packet one-way delay: 133.132 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 112.140 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 146.60 Mbit/s
95th percentile per-packet one-way delay: 138.938 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 113.94 Mbit/s
95th percentile per-packet one-way delay: 122.030 ms
Loss rate: 3.13%

Run 2: Report of Copa — Data Link

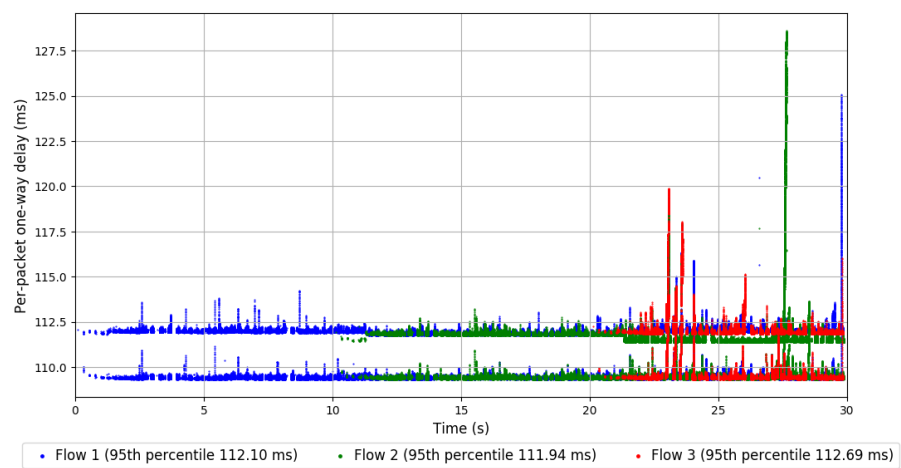
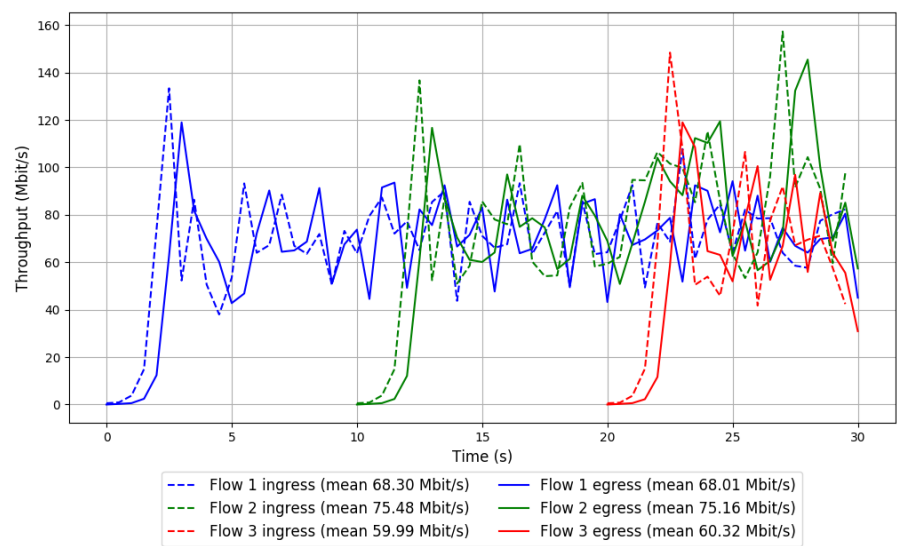


Run 3: Statistics of Copa

Start at: 2018-07-04 04:18:20
End at: 2018-07-04 04:18:50
Local clock offset: 0.22 ms
Remote clock offset: -0.532 ms

Below is generated by plot.py at 2018-07-04 08:12:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 137.54 Mbit/s
95th percentile per-packet one-way delay: 112.106 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 68.01 Mbit/s
95th percentile per-packet one-way delay: 112.098 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 75.16 Mbit/s
95th percentile per-packet one-way delay: 111.945 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 60.32 Mbit/s
95th percentile per-packet one-way delay: 112.693 ms
Loss rate: 1.75%

Run 3: Report of Copa — Data Link

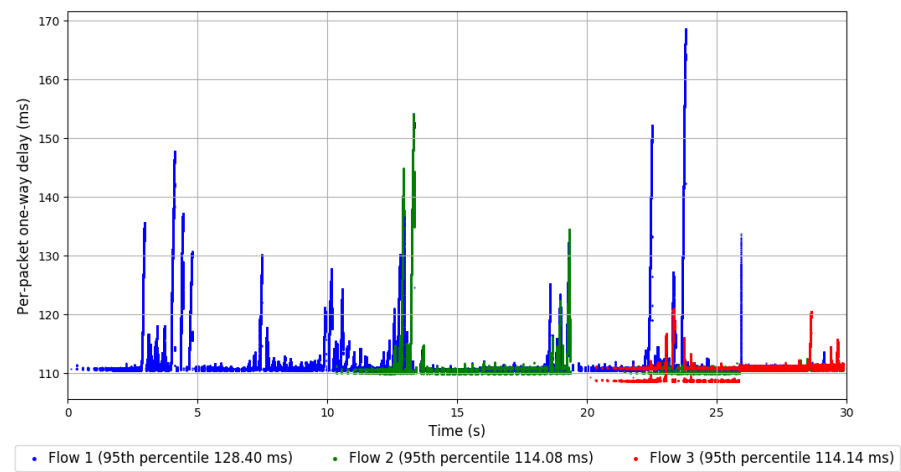
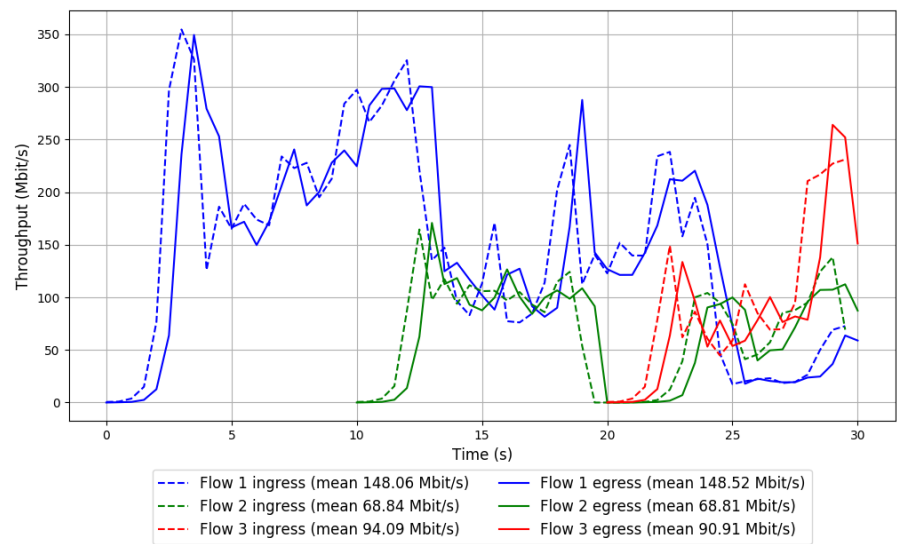


Run 4: Statistics of Copa

Start at: 2018-07-04 04:44:56
End at: 2018-07-04 04:45:26
Local clock offset: -0.071 ms
Remote clock offset: -0.236 ms

Below is generated by plot.py at 2018-07-04 08:13:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 223.94 Mbit/s
95th percentile per-packet one-way delay: 125.125 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 148.52 Mbit/s
95th percentile per-packet one-way delay: 128.395 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 68.81 Mbit/s
95th percentile per-packet one-way delay: 114.085 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 90.91 Mbit/s
95th percentile per-packet one-way delay: 114.139 ms
Loss rate: 5.49%

Run 4: Report of Copa — Data Link

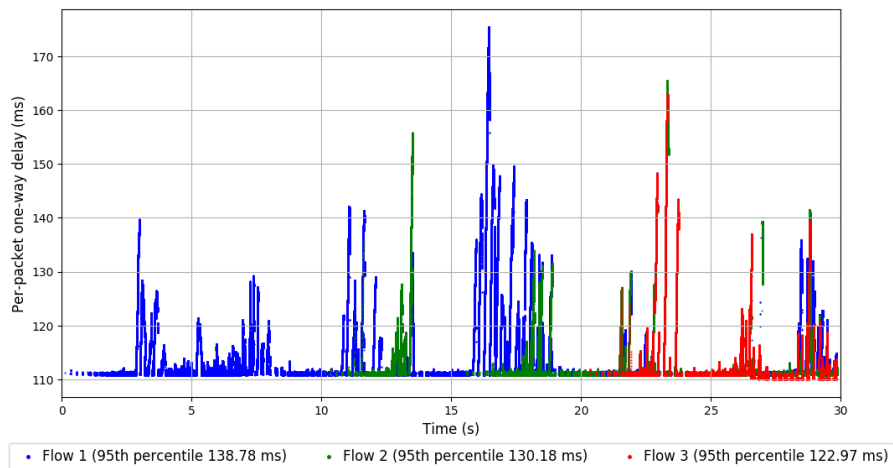
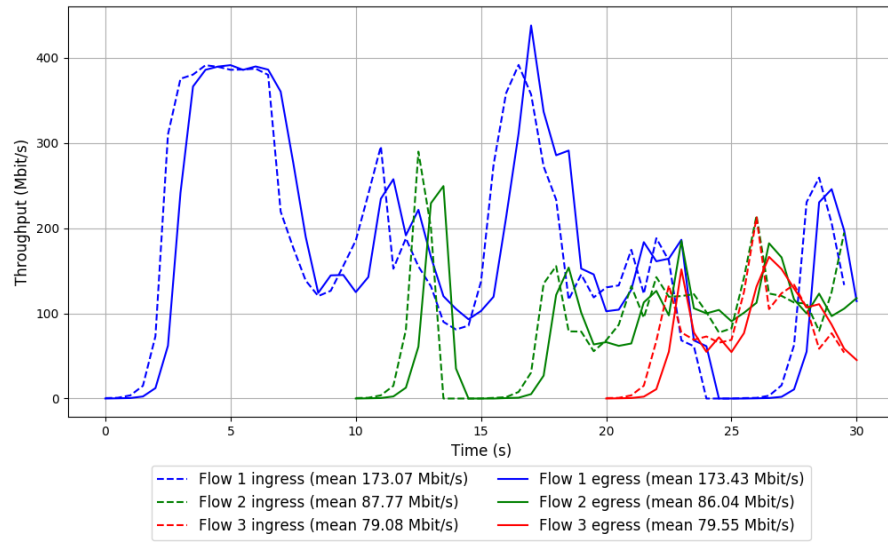


Run 5: Statistics of Copa

Start at: 2018-07-04 05:11:25
End at: 2018-07-04 05:11:55
Local clock offset: -0.064 ms
Remote clock offset: -0.283 ms

Below is generated by plot.py at 2018-07-04 08:14:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 256.38 Mbit/s
95th percentile per-packet one-way delay: 136.648 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 173.43 Mbit/s
95th percentile per-packet one-way delay: 138.779 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 86.04 Mbit/s
95th percentile per-packet one-way delay: 130.181 ms
Loss rate: 3.05%
-- Flow 3:
Average throughput: 79.55 Mbit/s
95th percentile per-packet one-way delay: 122.966 ms
Loss rate: 1.72%

Run 5: Report of Copa — Data Link

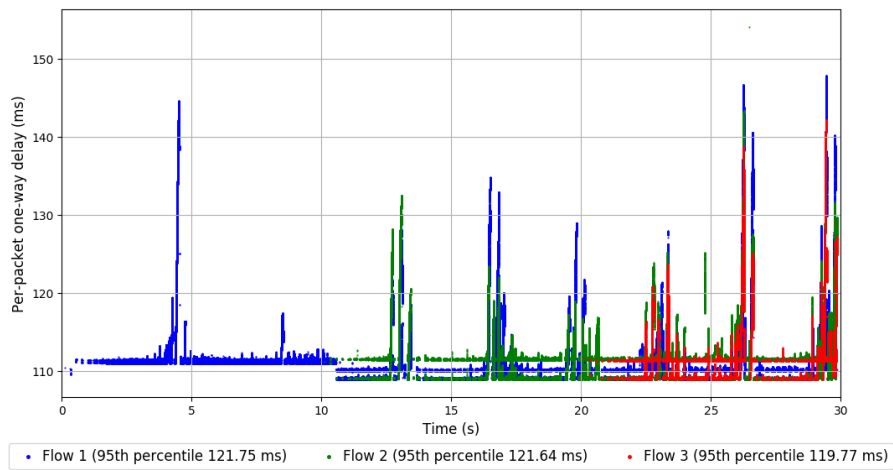
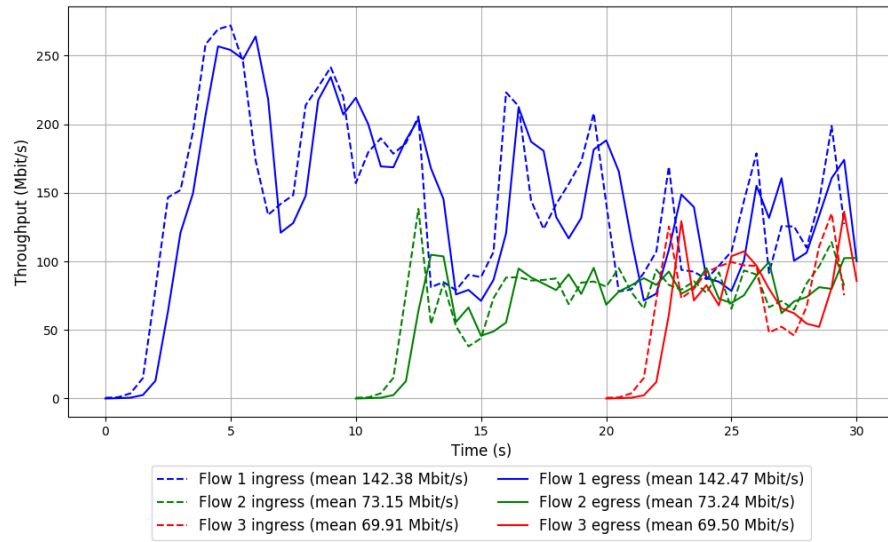


Run 6: Statistics of Copa

Start at: 2018-07-04 05:37:41
End at: 2018-07-04 05:38:11
Local clock offset: 0.107 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-04 08:14:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 213.79 Mbit/s
95th percentile per-packet one-way delay: 121.546 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 142.47 Mbit/s
95th percentile per-packet one-way delay: 121.747 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 73.24 Mbit/s
95th percentile per-packet one-way delay: 121.635 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 69.50 Mbit/s
95th percentile per-packet one-way delay: 119.770 ms
Loss rate: 2.44%

Run 6: Report of Copa — Data Link

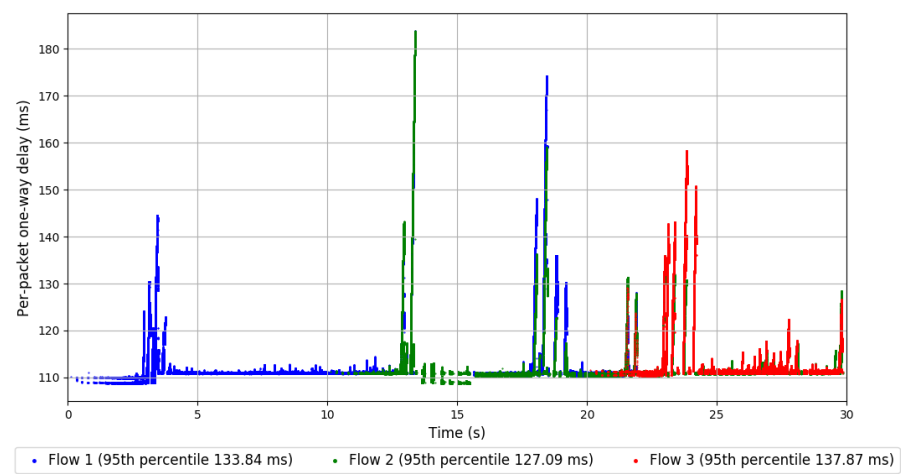
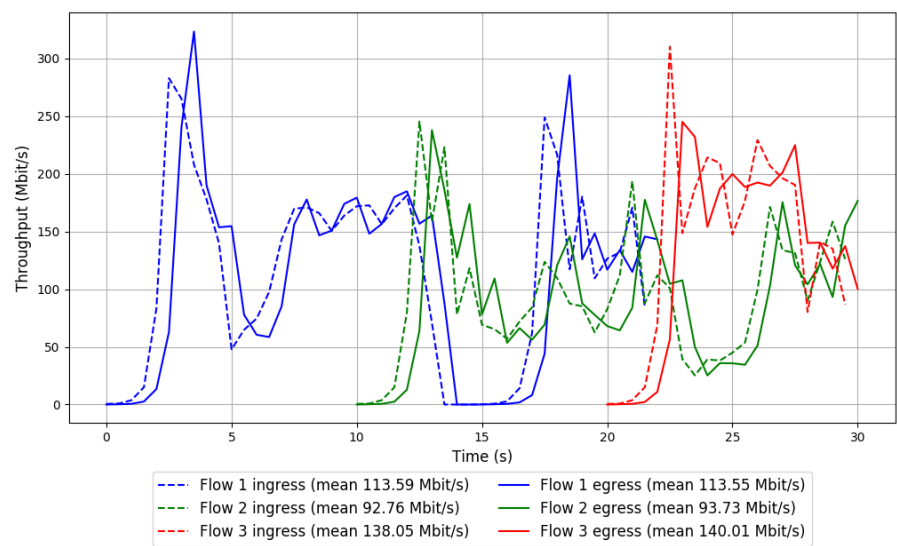


Run 7: Statistics of Copa

Start at: 2018-07-04 06:03:28
End at: 2018-07-04 06:03:58
Local clock offset: -0.075 ms
Remote clock offset: -0.188 ms

Below is generated by plot.py at 2018-07-04 08:16:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 191.19 Mbit/s
95th percentile per-packet one-way delay: 133.725 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 113.55 Mbit/s
95th percentile per-packet one-way delay: 133.843 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 127.093 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 140.01 Mbit/s
95th percentile per-packet one-way delay: 137.871 ms
Loss rate: 0.96%

Run 7: Report of Copa — Data Link

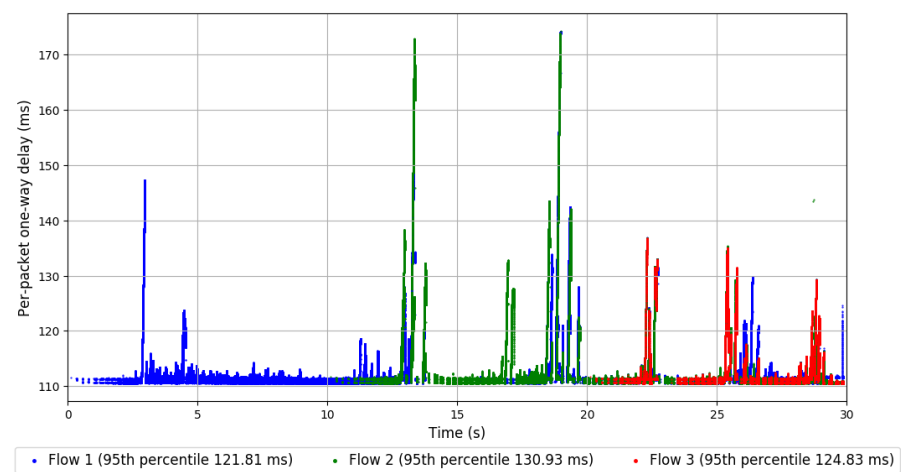
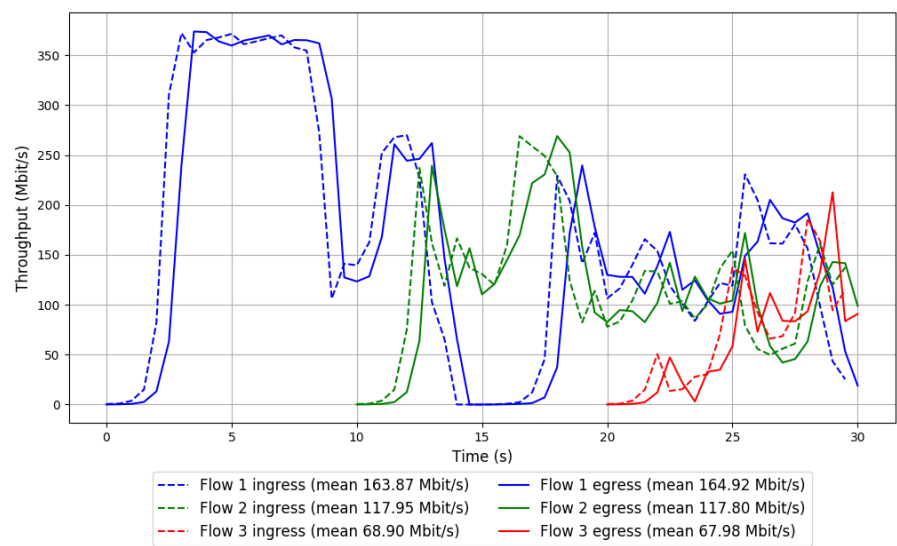


Run 8: Statistics of Copa

Start at: 2018-07-04 06:29:42
End at: 2018-07-04 06:30:12
Local clock offset: 0.367 ms
Remote clock offset: -0.185 ms

Below is generated by plot.py at 2018-07-04 08:18:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 265.38 Mbit/s
95th percentile per-packet one-way delay: 125.655 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 164.92 Mbit/s
95th percentile per-packet one-way delay: 121.807 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 117.80 Mbit/s
95th percentile per-packet one-way delay: 130.927 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 67.98 Mbit/s
95th percentile per-packet one-way delay: 124.826 ms
Loss rate: 3.53%

Run 8: Report of Copa — Data Link

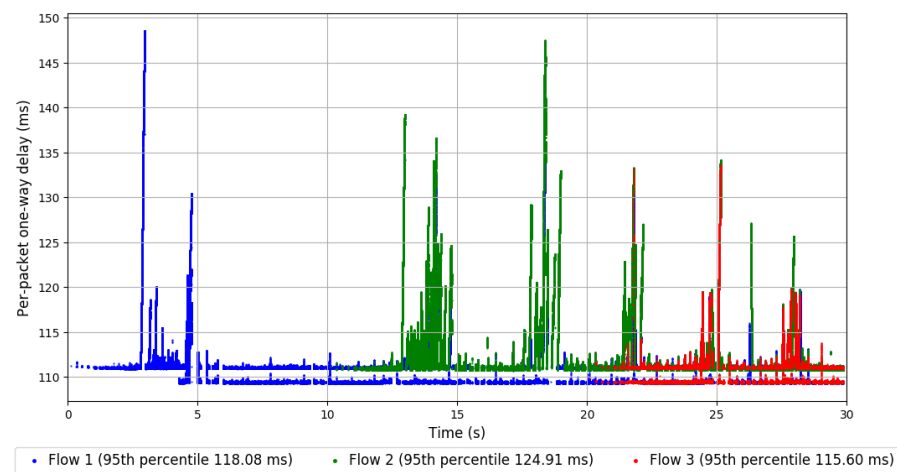
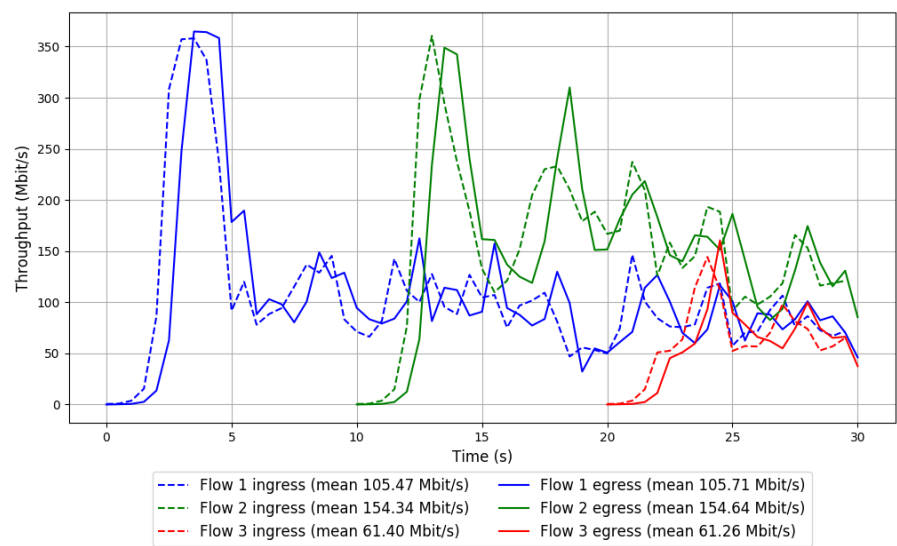


Run 9: Statistics of Copa

Start at: 2018-07-04 06:56:17
End at: 2018-07-04 06:56:47
Local clock offset: 0.038 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-04 08:18:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 228.35 Mbit/s
95th percentile per-packet one-way delay: 122.256 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 105.71 Mbit/s
95th percentile per-packet one-way delay: 118.078 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 154.64 Mbit/s
95th percentile per-packet one-way delay: 124.910 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 61.26 Mbit/s
95th percentile per-packet one-way delay: 115.603 ms
Loss rate: 2.44%

Run 9: Report of Copa — Data Link

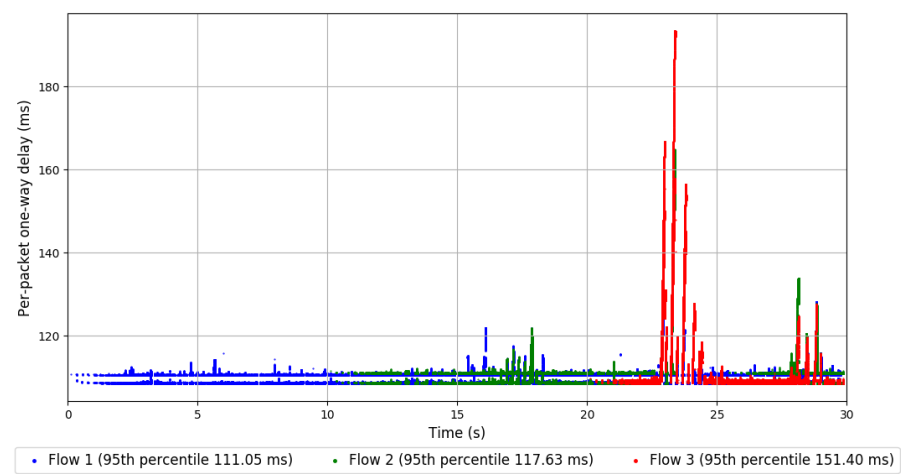
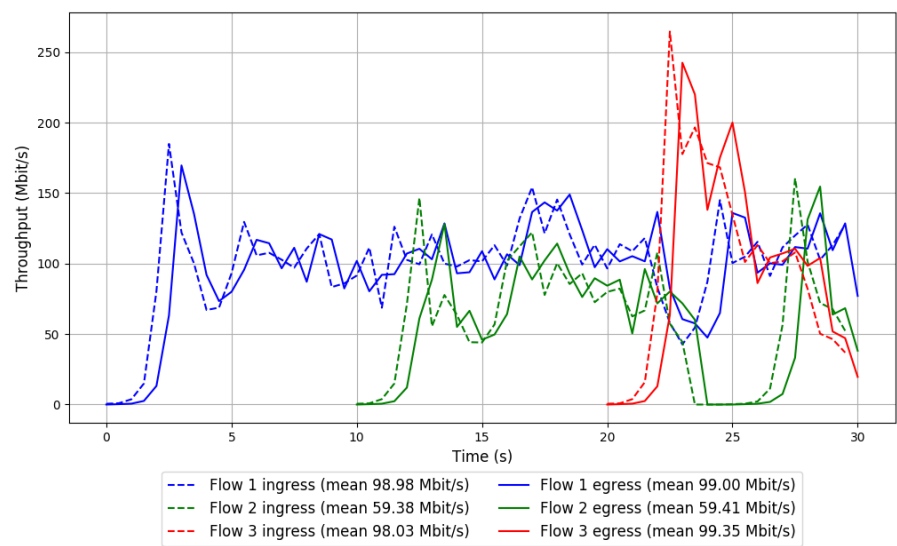


Run 10: Statistics of Copa

Start at: 2018-07-04 07:22:25
End at: 2018-07-04 07:22:55
Local clock offset: -0.265 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2018-07-04 08:18:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 170.56 Mbit/s
95th percentile per-packet one-way delay: 120.472 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 99.00 Mbit/s
95th percentile per-packet one-way delay: 111.048 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 59.41 Mbit/s
95th percentile per-packet one-way delay: 117.632 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 99.35 Mbit/s
95th percentile per-packet one-way delay: 151.399 ms
Loss rate: 0.89%

Run 10: Report of Copa — Data Link

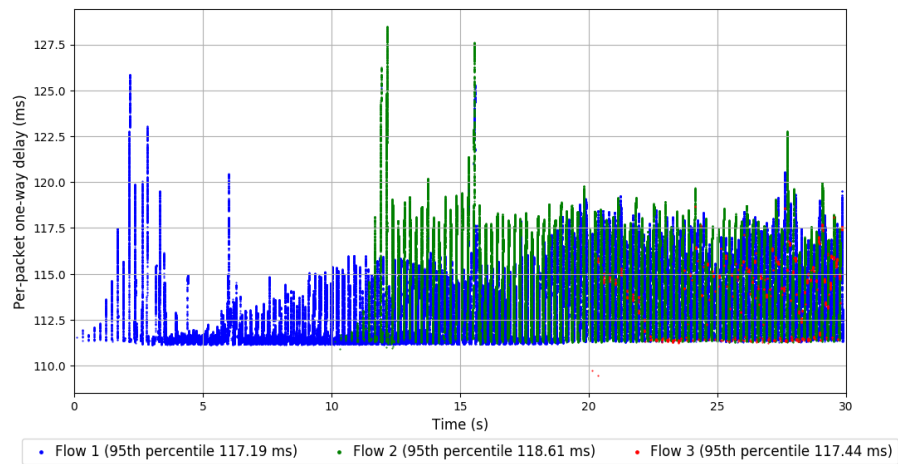
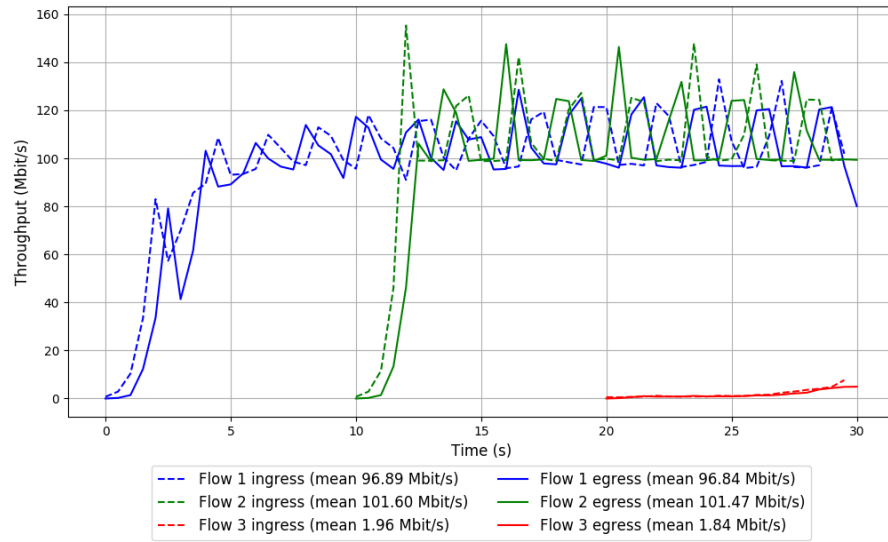


Run 1: Statistics of TCP Cubic

Start at: 2018-07-04 03:42:49
End at: 2018-07-04 03:43:19
Local clock offset: -0.049 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-07-04 08:18:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 164.46 Mbit/s
95th percentile per-packet one-way delay: 118.067 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 117.186 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 101.47 Mbit/s
95th percentile per-packet one-way delay: 118.614 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 117.437 ms
Loss rate: 8.55%

Run 1: Report of TCP Cubic — Data Link

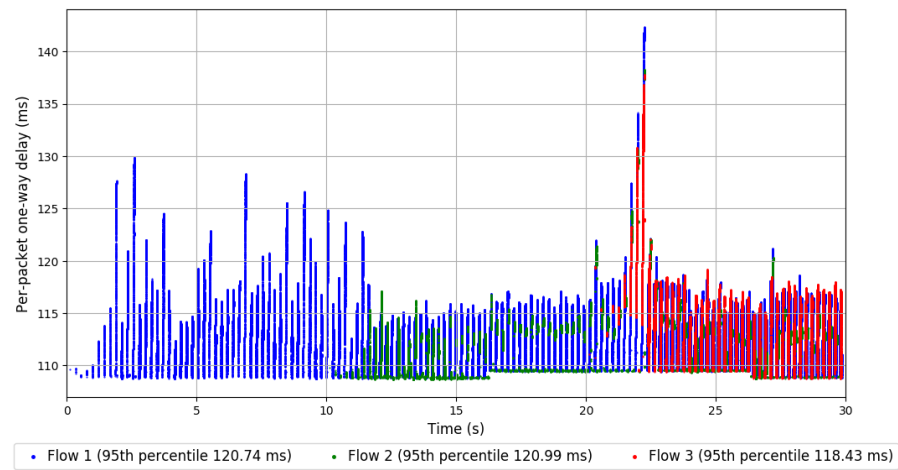
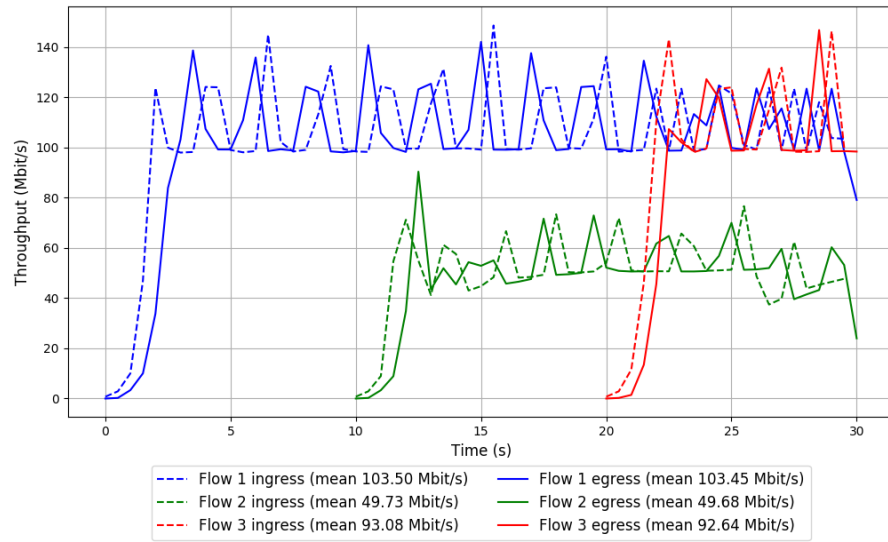


Run 2: Statistics of TCP Cubic

Start at: 2018-07-04 04:09:15
End at: 2018-07-04 04:09:45
Local clock offset: -0.118 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2018-07-04 08:18:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 166.66 Mbit/s
95th percentile per-packet one-way delay: 120.510 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 103.45 Mbit/s
95th percentile per-packet one-way delay: 120.739 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 49.68 Mbit/s
95th percentile per-packet one-way delay: 120.993 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 118.430 ms
Loss rate: 2.66%

Run 2: Report of TCP Cubic — Data Link

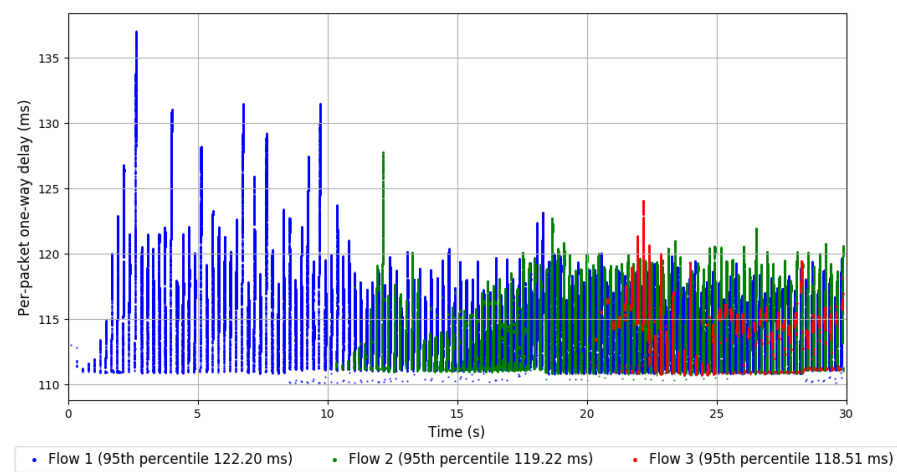
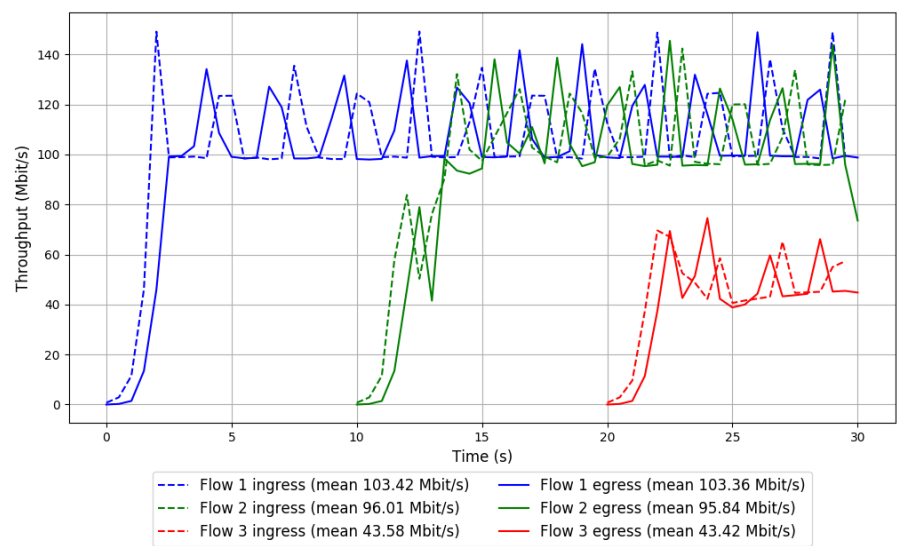


Run 3: Statistics of TCP Cubic

Start at: 2018-07-04 04:35:33
End at: 2018-07-04 04:36:03
Local clock offset: 0.084 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-04 08:18:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 181.07 Mbit/s
95th percentile per-packet one-way delay: 120.794 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 103.36 Mbit/s
95th percentile per-packet one-way delay: 122.196 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 119.215 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 43.42 Mbit/s
95th percentile per-packet one-way delay: 118.506 ms
Loss rate: 2.60%

Run 3: Report of TCP Cubic — Data Link

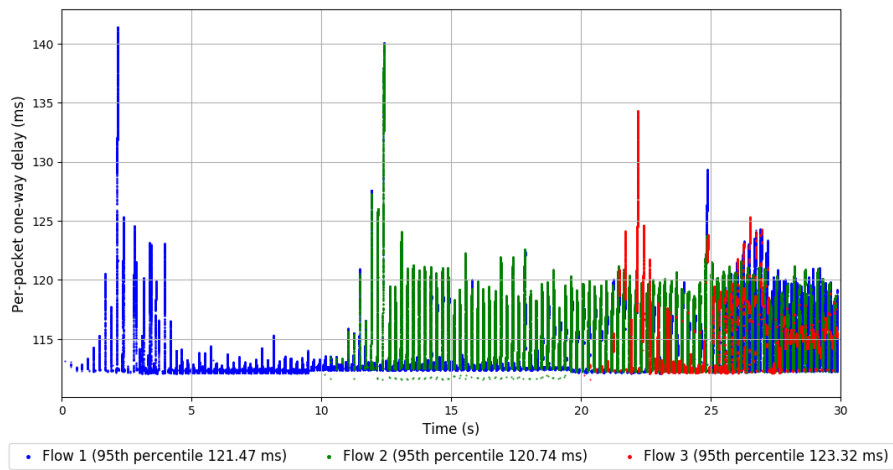
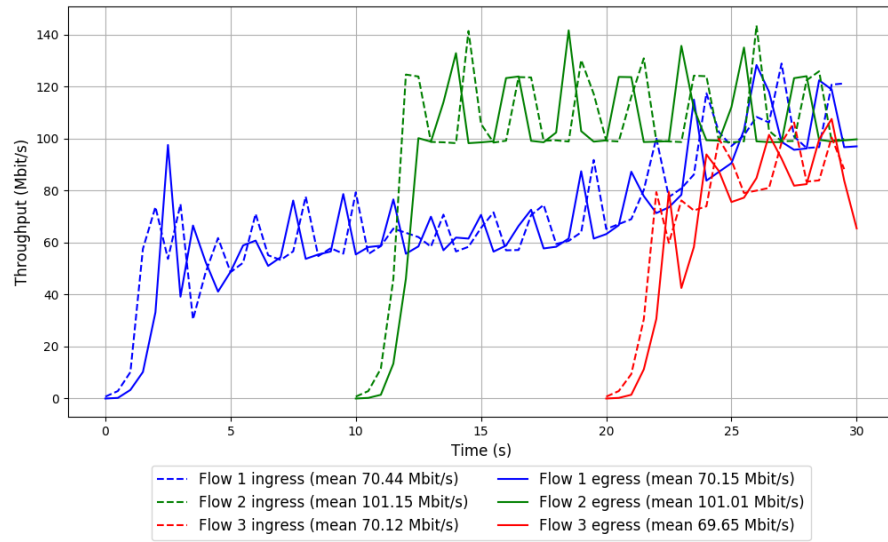


Run 4: Statistics of TCP Cubic

Start at: 2018-07-04 05:02:32
End at: 2018-07-04 05:03:02
Local clock offset: 1.512 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2018-07-04 08:18:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 159.66 Mbit/s
95th percentile per-packet one-way delay: 121.394 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 70.15 Mbit/s
95th percentile per-packet one-way delay: 121.466 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 101.01 Mbit/s
95th percentile per-packet one-way delay: 120.744 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 69.65 Mbit/s
95th percentile per-packet one-way delay: 123.320 ms
Loss rate: 2.87%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-07-04 05:28:37

End at: 2018-07-04 05:29:07

Local clock offset: -0.033 ms

Remote clock offset: 0.136 ms

Below is generated by plot.py at 2018-07-04 08:18:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 51.79 Mbit/s

95th percentile per-packet one-way delay: 122.523 ms

Loss rate: 0.75%

-- Flow 1:

Average throughput: 24.39 Mbit/s

95th percentile per-packet one-way delay: 122.367 ms

Loss rate: 0.38%

-- Flow 2:

Average throughput: 15.35 Mbit/s

95th percentile per-packet one-way delay: 116.334 ms

Loss rate: 0.94%

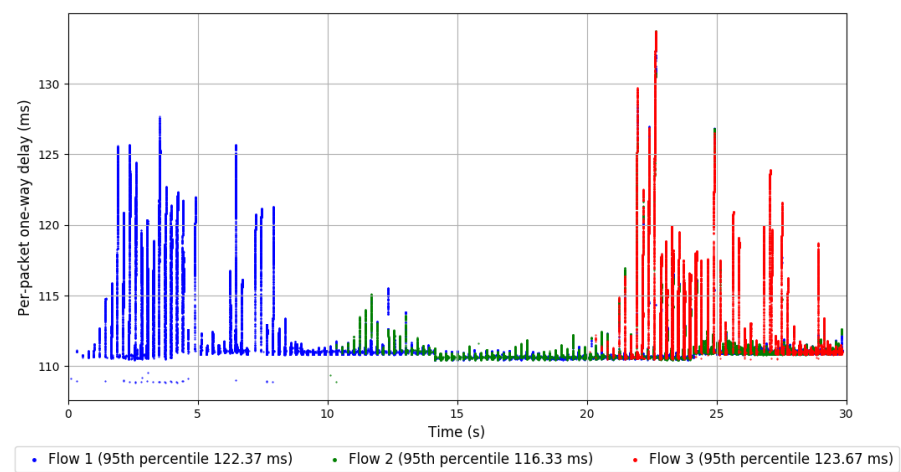
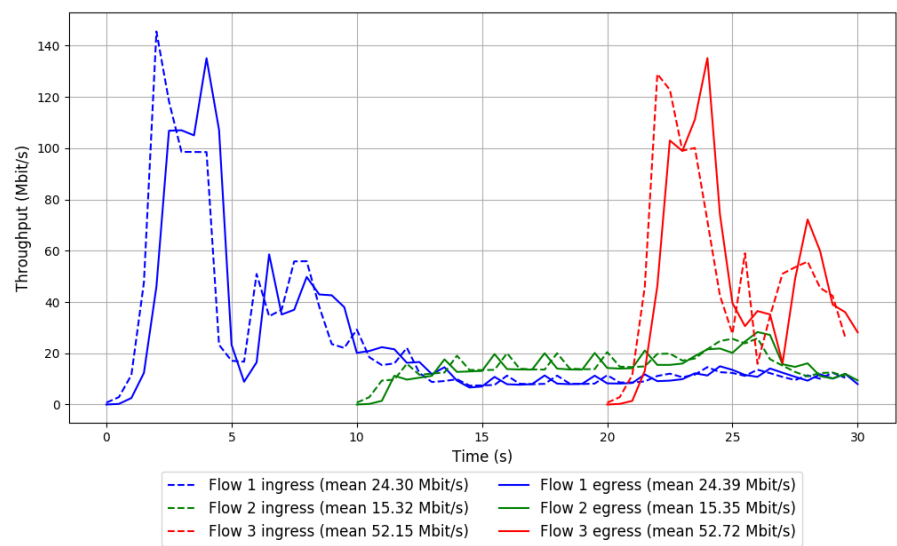
-- Flow 3:

Average throughput: 52.72 Mbit/s

95th percentile per-packet one-way delay: 123.675 ms

Loss rate: 1.17%

Run 5: Report of TCP Cubic — Data Link

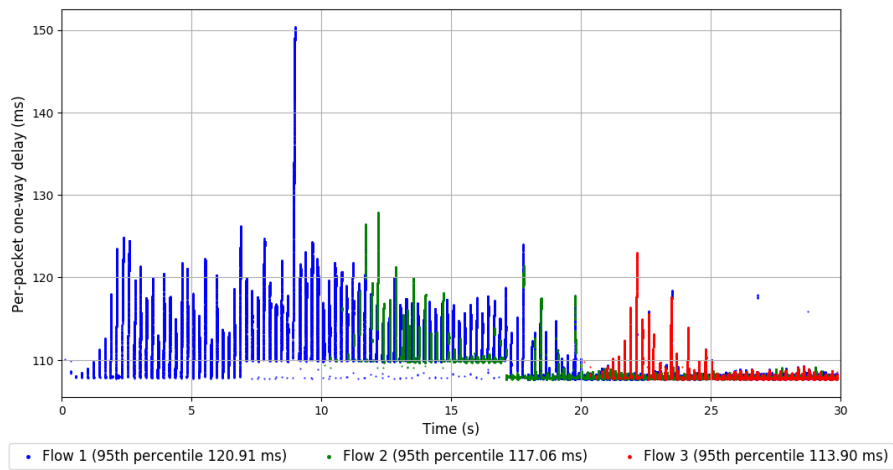
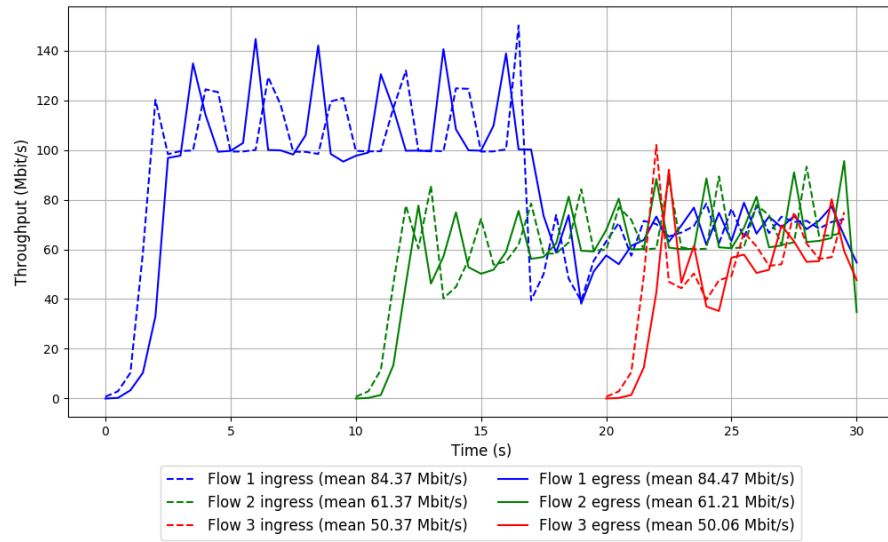


Run 6: Statistics of TCP Cubic

Start at: 2018-07-04 05:54:24
End at: 2018-07-04 05:54:54
Local clock offset: -1.147 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2018-07-04 08:18:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.41 Mbit/s
95th percentile per-packet one-way delay: 120.080 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 84.47 Mbit/s
95th percentile per-packet one-way delay: 120.909 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 61.21 Mbit/s
95th percentile per-packet one-way delay: 117.058 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 113.902 ms
Loss rate: 2.82%

Run 6: Report of TCP Cubic — Data Link

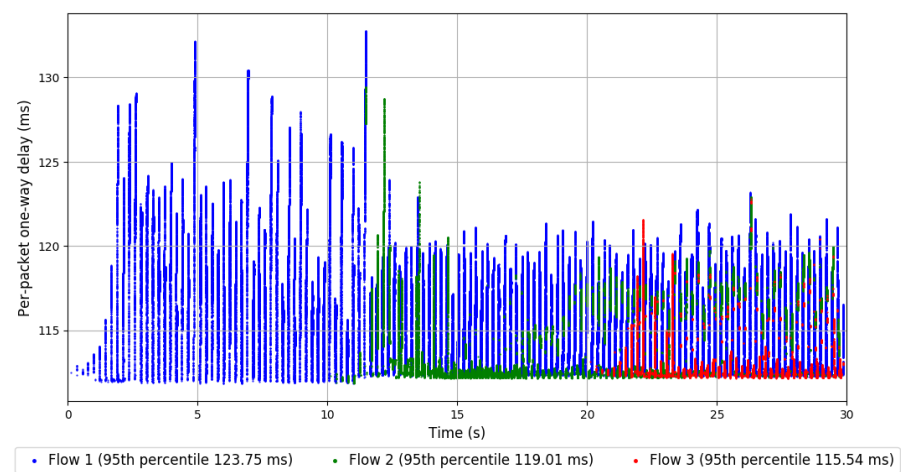
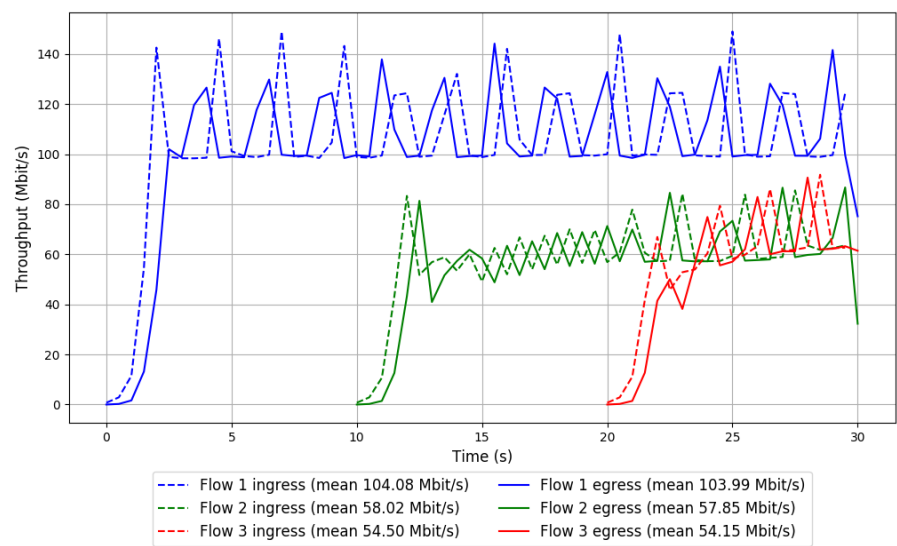


Run 7: Statistics of TCP Cubic

Start at: 2018-07-04 06:20:20
End at: 2018-07-04 06:20:50
Local clock offset: 1.34 ms
Remote clock offset: -0.185 ms

Below is generated by plot.py at 2018-07-04 08:19:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 159.96 Mbit/s
95th percentile per-packet one-way delay: 122.441 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 103.99 Mbit/s
95th percentile per-packet one-way delay: 123.746 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 57.85 Mbit/s
95th percentile per-packet one-way delay: 119.009 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 54.15 Mbit/s
95th percentile per-packet one-way delay: 115.537 ms
Loss rate: 2.88%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-07-04 06:47:08

End at: 2018-07-04 06:47:39

Local clock offset: -0.023 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-07-04 08:19:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 152.89 Mbit/s

95th percentile per-packet one-way delay: 121.810 ms

Loss rate: 1.14%

-- Flow 1:

Average throughput: 104.21 Mbit/s

95th percentile per-packet one-way delay: 121.887 ms

Loss rate: 0.79%

-- Flow 2:

Average throughput: 49.40 Mbit/s

95th percentile per-packet one-way delay: 123.024 ms

Loss rate: 1.42%

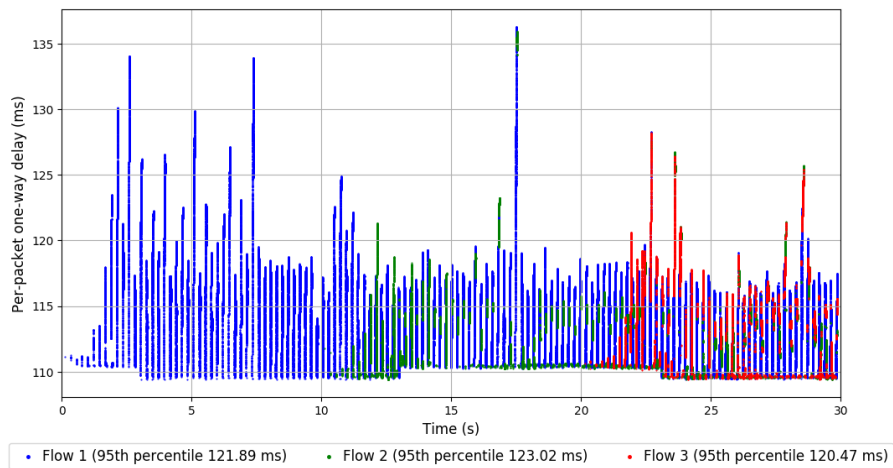
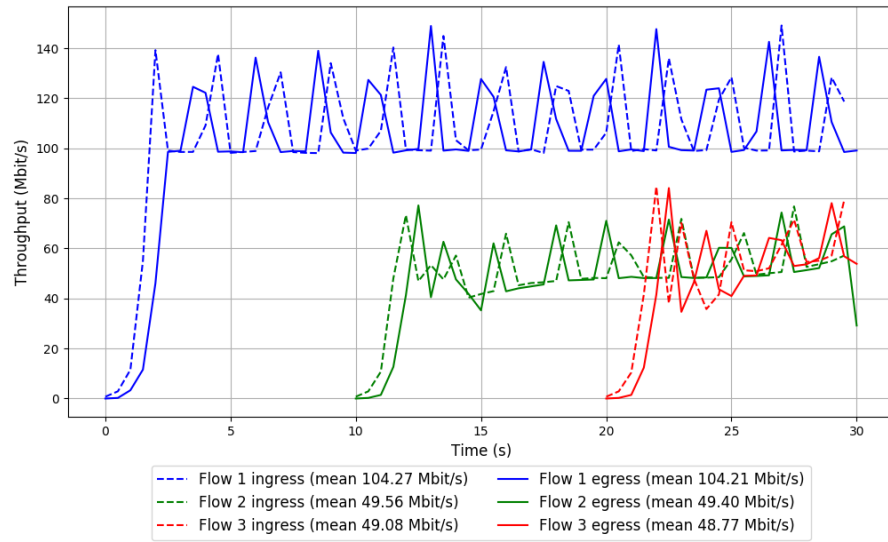
-- Flow 3:

Average throughput: 48.77 Mbit/s

95th percentile per-packet one-way delay: 120.468 ms

Loss rate: 2.84%

Run 8: Report of TCP Cubic — Data Link

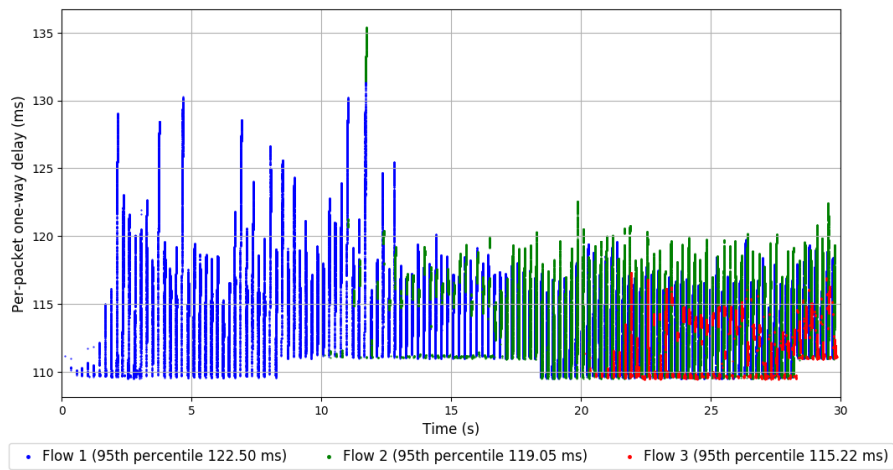
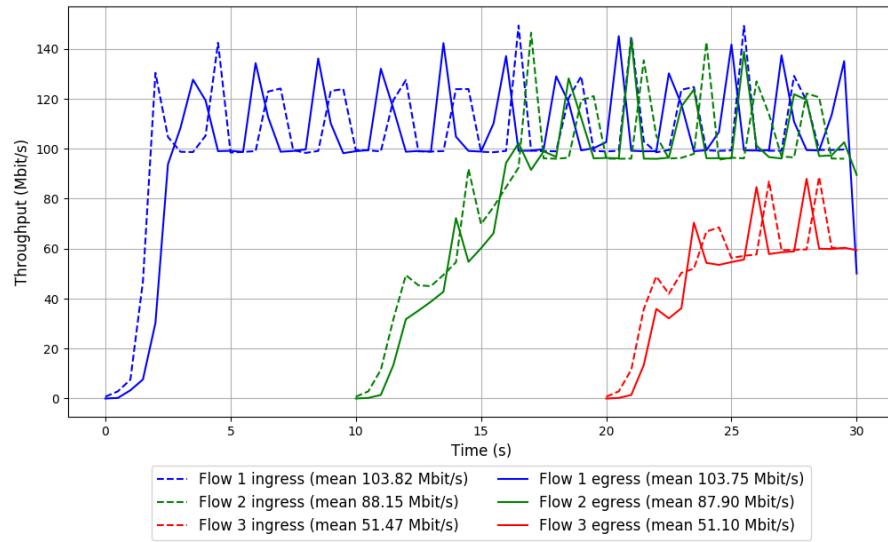


Run 9: Statistics of TCP Cubic

Start at: 2018-07-04 07:13:13
End at: 2018-07-04 07:13:43
Local clock offset: 0.026 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2018-07-04 08:20:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 177.90 Mbit/s
95th percentile per-packet one-way delay: 120.459 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 103.75 Mbit/s
95th percentile per-packet one-way delay: 122.499 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 119.048 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 51.10 Mbit/s
95th percentile per-packet one-way delay: 115.221 ms
Loss rate: 2.93%

Run 9: Report of TCP Cubic — Data Link

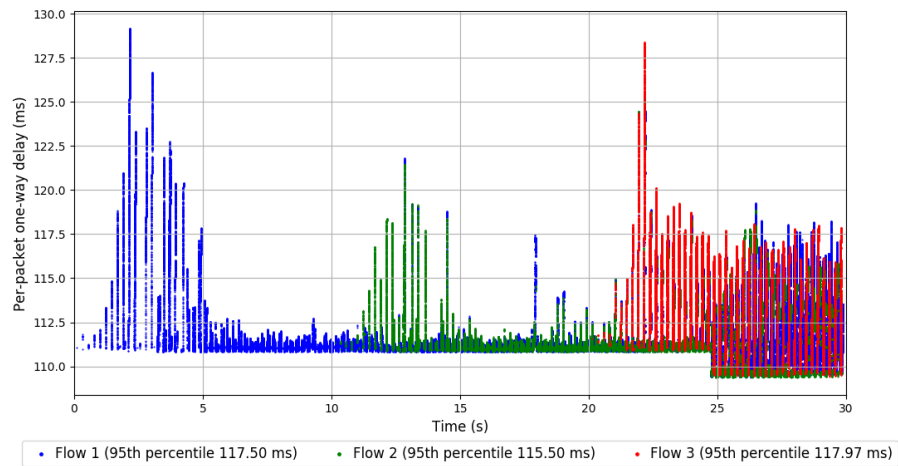
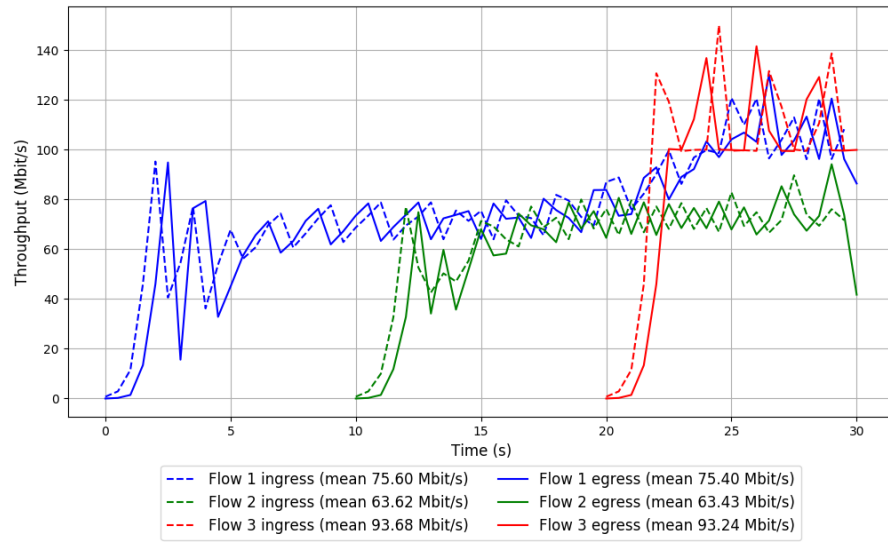


Run 10: Statistics of TCP Cubic

Start at: 2018-07-04 07:39:17
End at: 2018-07-04 07:39:47
Local clock offset: -0.08 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-04 08:20:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 147.83 Mbit/s
95th percentile per-packet one-way delay: 117.356 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 75.40 Mbit/s
95th percentile per-packet one-way delay: 117.502 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 63.43 Mbit/s
95th percentile per-packet one-way delay: 115.498 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 93.24 Mbit/s
95th percentile per-packet one-way delay: 117.973 ms
Loss rate: 2.68%

Run 10: Report of TCP Cubic — Data Link

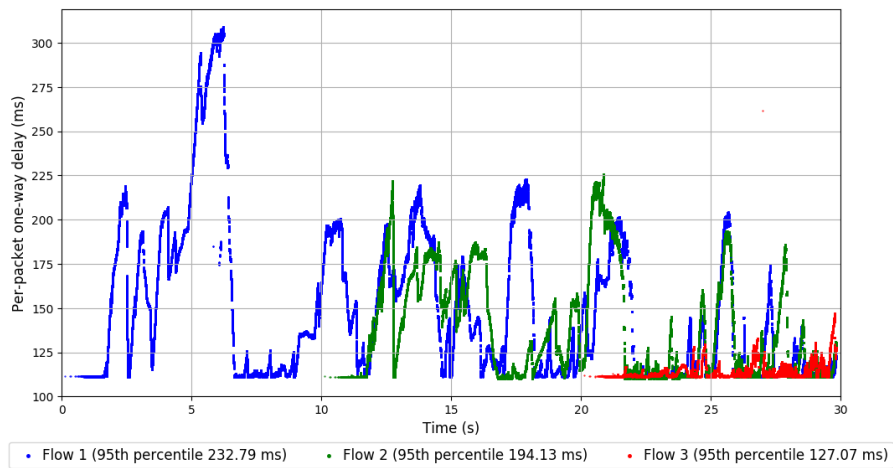
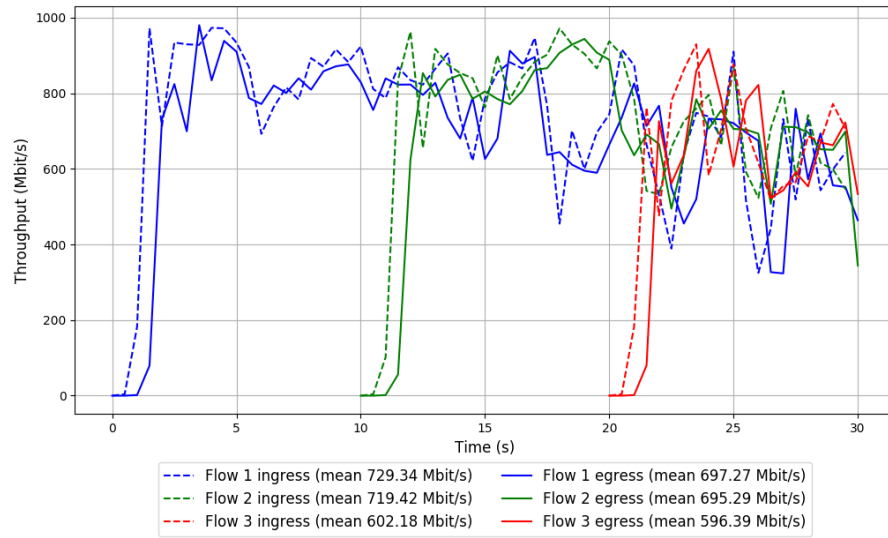


Run 1: Statistics of FillP

Start at: 2018-07-04 03:37:08
End at: 2018-07-04 03:37:38
Local clock offset: -0.085 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-07-04 08:44:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 1353.27 Mbit/s
95th percentile per-packet one-way delay: 209.262 ms
Loss rate: 4.59%
-- Flow 1:
Average throughput: 697.27 Mbit/s
95th percentile per-packet one-way delay: 232.787 ms
Loss rate: 5.07%
-- Flow 2:
Average throughput: 695.29 Mbit/s
95th percentile per-packet one-way delay: 194.130 ms
Loss rate: 4.43%
-- Flow 3:
Average throughput: 596.39 Mbit/s
95th percentile per-packet one-way delay: 127.074 ms
Loss rate: 3.20%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-07-04 04:03:32

End at: 2018-07-04 04:04:02

Local clock offset: -0.161 ms

Remote clock offset: -0.18 ms

Below is generated by plot.py at 2018-07-04 08:45:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 1406.98 Mbit/s

95th percentile per-packet one-way delay: 288.464 ms

Loss rate: 2.07%

-- Flow 1:

Average throughput: 749.12 Mbit/s

95th percentile per-packet one-way delay: 321.362 ms

Loss rate: 1.97%

-- Flow 2:

Average throughput: 710.00 Mbit/s

95th percentile per-packet one-way delay: 216.914 ms

Loss rate: 2.24%

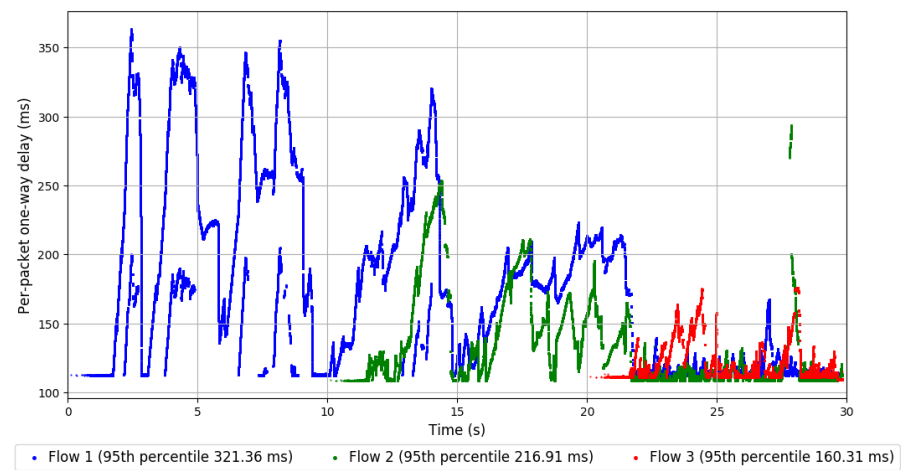
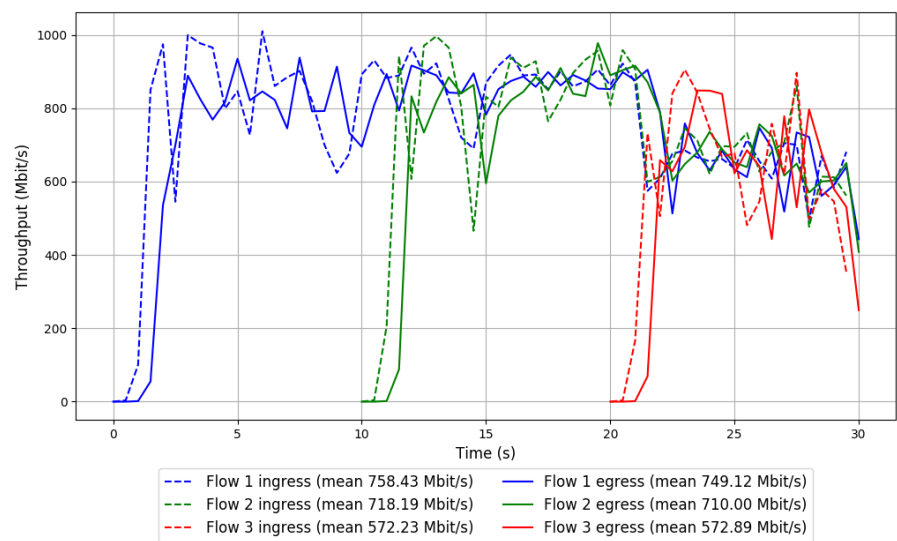
-- Flow 3:

Average throughput: 572.89 Mbit/s

95th percentile per-packet one-way delay: 160.305 ms

Loss rate: 2.07%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-07-04 04:29:52

End at: 2018-07-04 04:30:22

Local clock offset: -0.005 ms

Remote clock offset: -0.57 ms

Below is generated by plot.py at 2018-07-04 08:45:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 1304.82 Mbit/s

95th percentile per-packet one-way delay: 297.625 ms

Loss rate: 2.08%

-- Flow 1:

Average throughput: 782.84 Mbit/s

95th percentile per-packet one-way delay: 285.236 ms

Loss rate: 1.87%

-- Flow 2:

Average throughput: 660.86 Mbit/s

95th percentile per-packet one-way delay: 313.453 ms

Loss rate: 1.24%

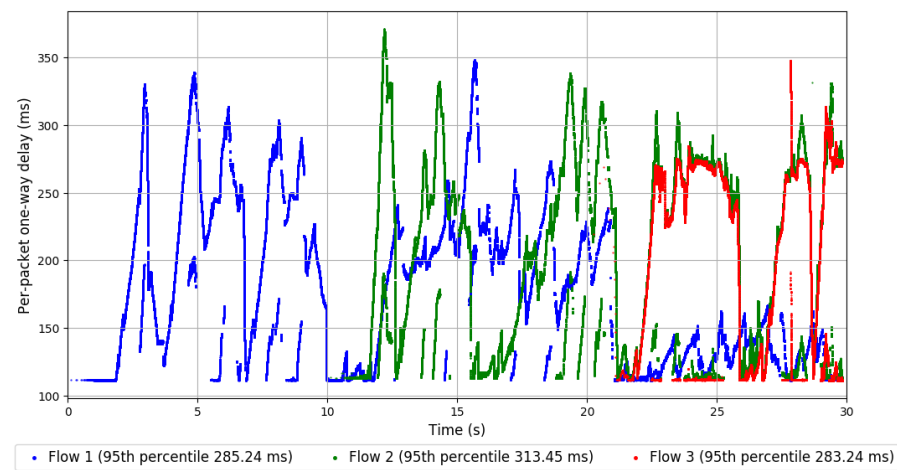
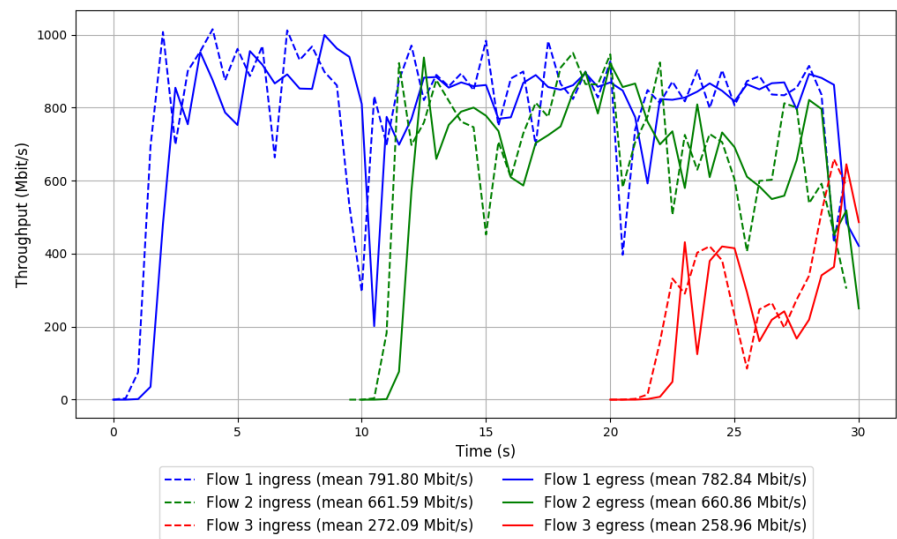
-- Flow 3:

Average throughput: 258.96 Mbit/s

95th percentile per-packet one-way delay: 283.240 ms

Loss rate: 8.00%

Run 3: Report of FillP — Data Link

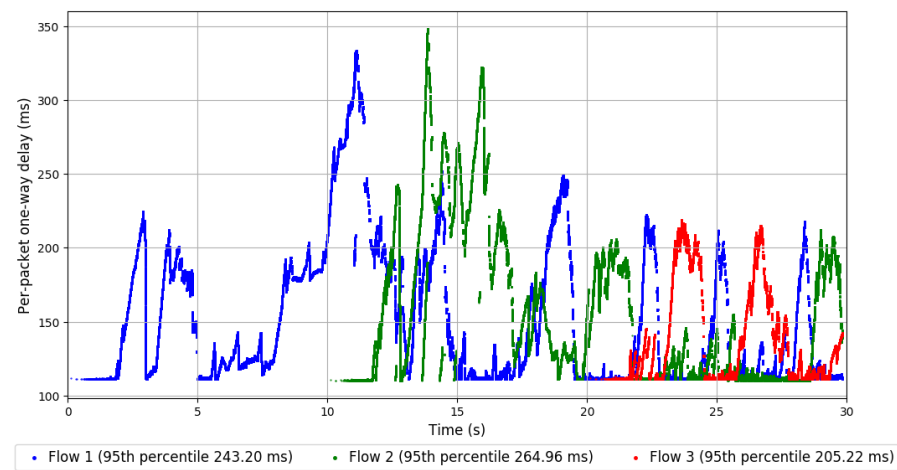
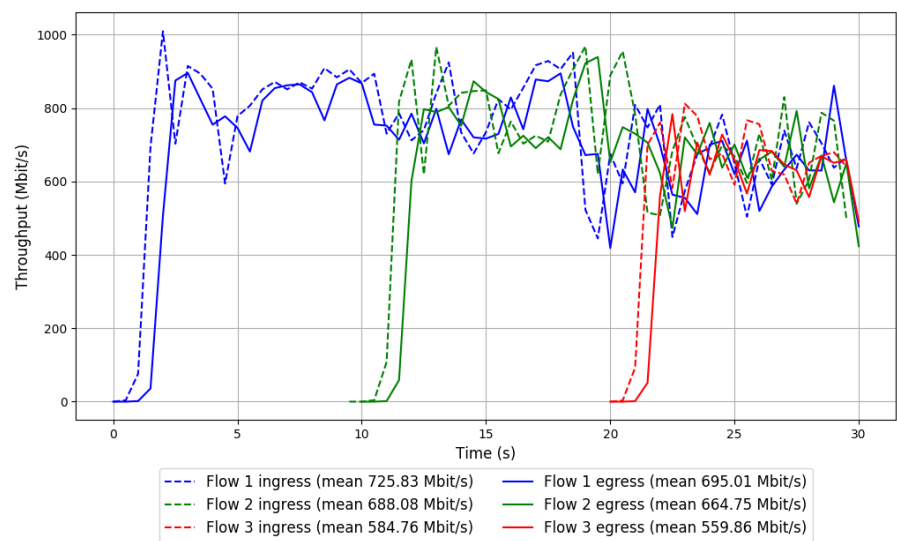


Run 4: Statistics of FillP

Start at: 2018-07-04 04:56:26
End at: 2018-07-04 04:56:56
Local clock offset: 0.196 ms
Remote clock offset: -0.264 ms

Below is generated by plot.py at 2018-07-04 08:45:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 1318.96 Mbit/s
95th percentile per-packet one-way delay: 247.884 ms
Loss rate: 4.99%
-- Flow 1:
Average throughput: 695.01 Mbit/s
95th percentile per-packet one-way delay: 243.200 ms
Loss rate: 4.95%
-- Flow 2:
Average throughput: 664.75 Mbit/s
95th percentile per-packet one-way delay: 264.958 ms
Loss rate: 4.46%
-- Flow 3:
Average throughput: 559.86 Mbit/s
95th percentile per-packet one-way delay: 205.222 ms
Loss rate: 6.38%

Run 4: Report of FillP — Data Link

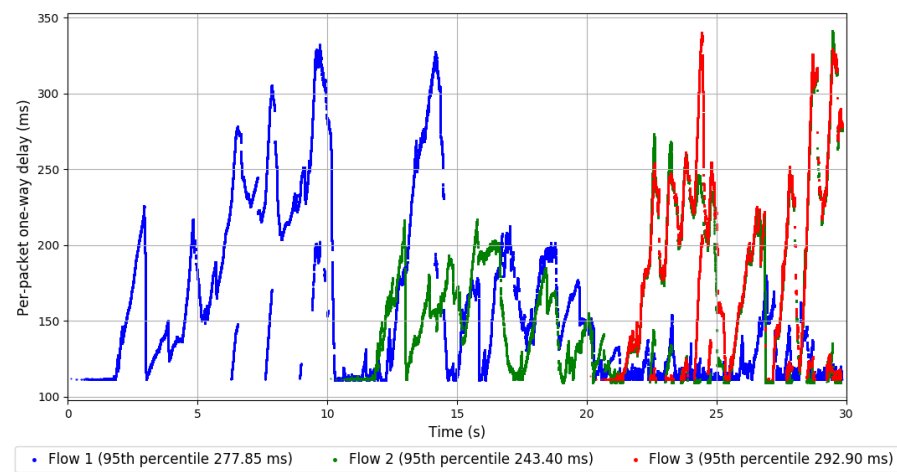
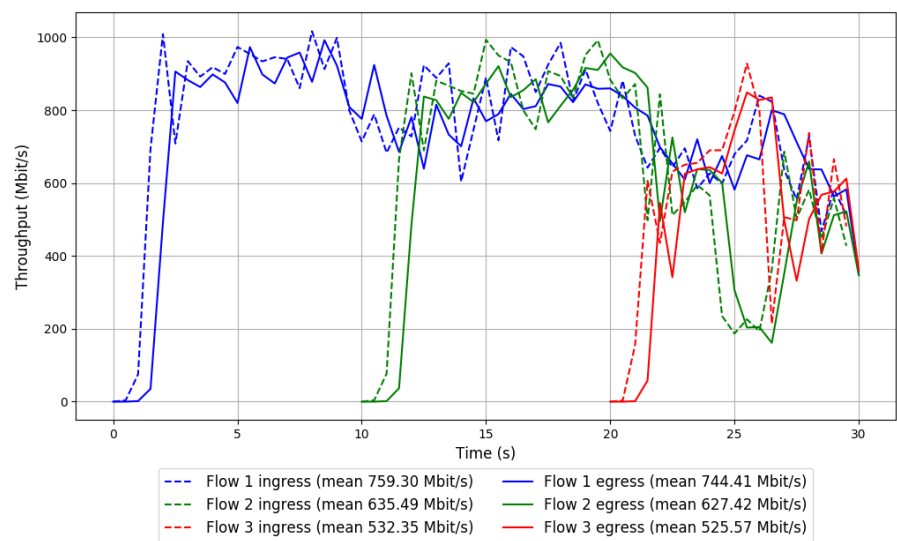


Run 5: Statistics of FillP

Start at: 2018-07-04 05:22:53
End at: 2018-07-04 05:23:23
Local clock offset: 0.023 ms
Remote clock offset: -0.262 ms

Below is generated by plot.py at 2018-07-04 08:45:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 1332.03 Mbit/s
95th percentile per-packet one-way delay: 273.372 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 744.41 Mbit/s
95th percentile per-packet one-way delay: 277.851 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 627.42 Mbit/s
95th percentile per-packet one-way delay: 243.397 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 525.57 Mbit/s
95th percentile per-packet one-way delay: 292.900 ms
Loss rate: 3.51%

Run 5: Report of FillP — Data Link

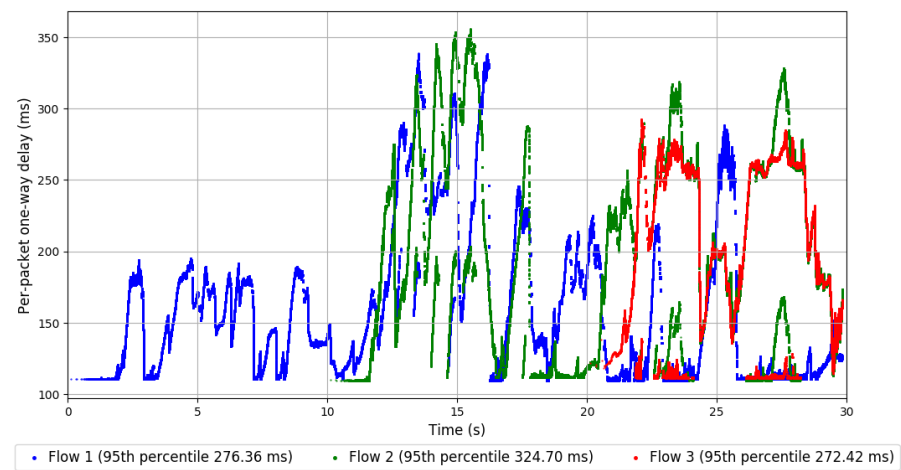
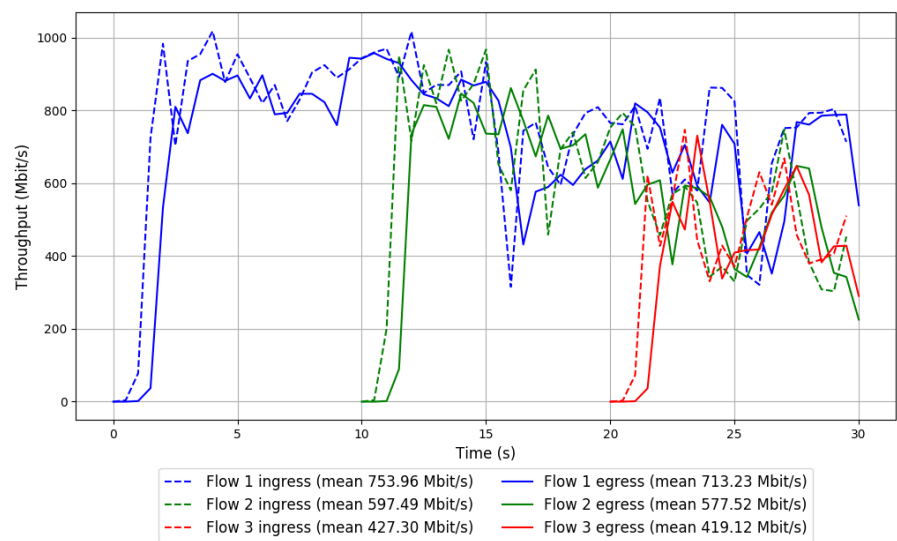


Run 6: Statistics of FillP

Start at: 2018-07-04 05:49:08
End at: 2018-07-04 05:49:38
Local clock offset: -0.025 ms
Remote clock offset: -0.568 ms

Below is generated by plot.py at 2018-07-04 08:45:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 1233.23 Mbit/s
95th percentile per-packet one-way delay: 299.673 ms
Loss rate: 5.38%
-- Flow 1:
Average throughput: 713.23 Mbit/s
95th percentile per-packet one-way delay: 276.361 ms
Loss rate: 6.11%
-- Flow 2:
Average throughput: 577.52 Mbit/s
95th percentile per-packet one-way delay: 324.703 ms
Loss rate: 4.42%
-- Flow 3:
Average throughput: 419.12 Mbit/s
95th percentile per-packet one-way delay: 272.420 ms
Loss rate: 4.23%

Run 6: Report of FillP — Data Link

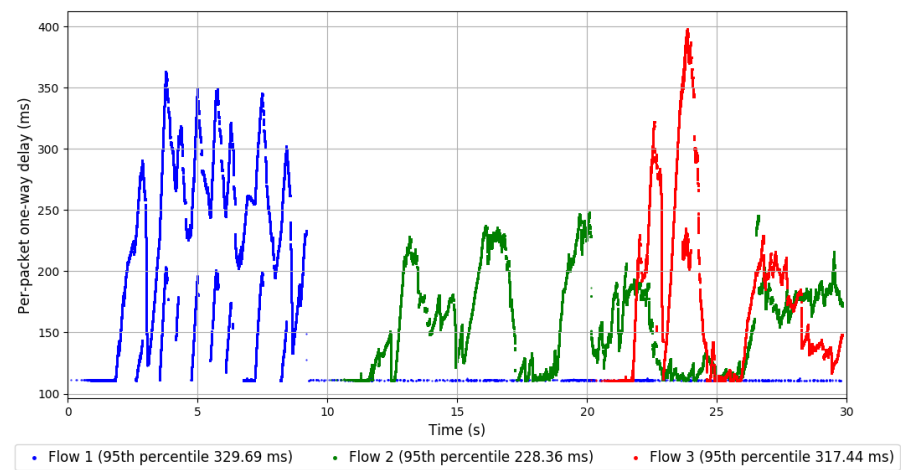
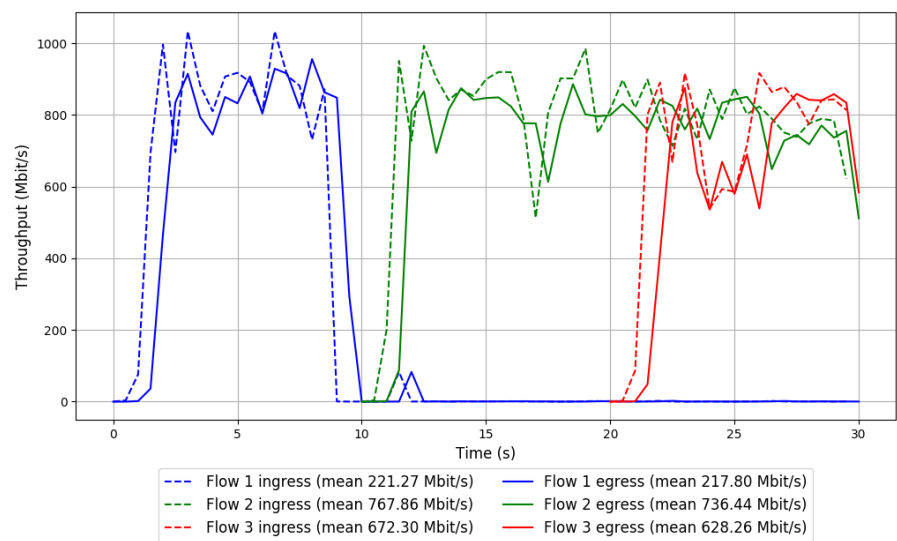


Run 7: Statistics of FillP

Start at: 2018-07-04 06:14:56
End at: 2018-07-04 06:15:26
Local clock offset: -0.019 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-07-04 08:45:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 910.70 Mbit/s
95th percentile per-packet one-way delay: 303.764 ms
Loss rate: 5.37%
-- Flow 1:
Average throughput: 217.80 Mbit/s
95th percentile per-packet one-way delay: 329.685 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 736.44 Mbit/s
95th percentile per-packet one-way delay: 228.358 ms
Loss rate: 5.16%
-- Flow 3:
Average throughput: 628.26 Mbit/s
95th percentile per-packet one-way delay: 317.441 ms
Loss rate: 8.66%

Run 7: Report of FillP — Data Link

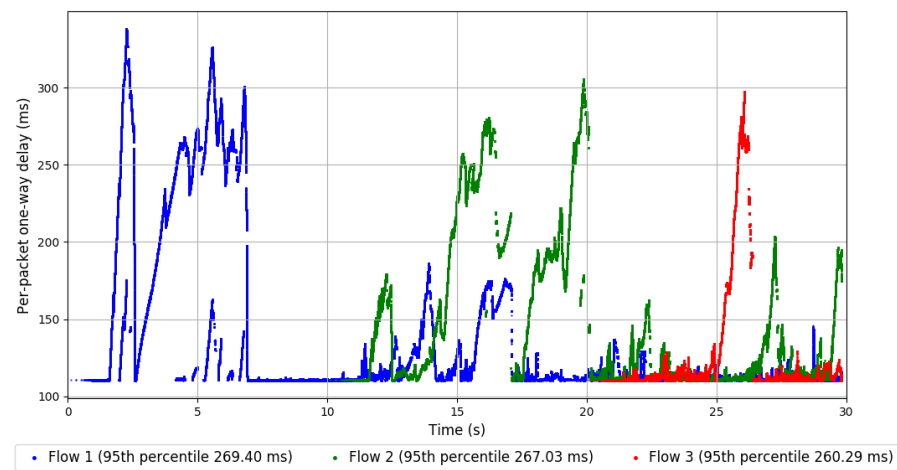
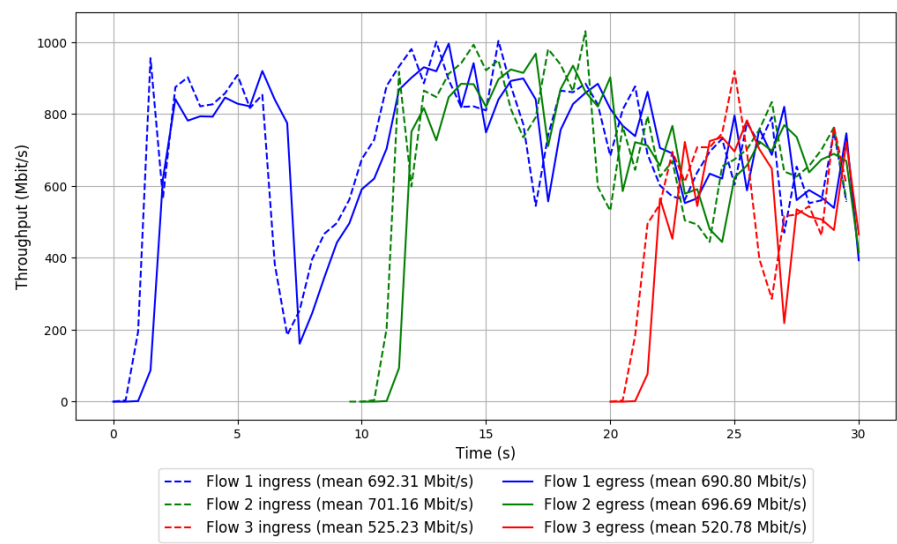


Run 8: Statistics of FillP

Start at: 2018-07-04 06:41:19
End at: 2018-07-04 06:41:49
Local clock offset: 0.19 ms
Remote clock offset: -0.217 ms

Below is generated by plot.py at 2018-07-04 08:45:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 1322.90 Mbit/s
95th percentile per-packet one-way delay: 266.721 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 690.80 Mbit/s
95th percentile per-packet one-way delay: 269.396 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 696.69 Mbit/s
95th percentile per-packet one-way delay: 267.031 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 520.78 Mbit/s
95th percentile per-packet one-way delay: 260.292 ms
Loss rate: 3.04%

Run 8: Report of FillP — Data Link

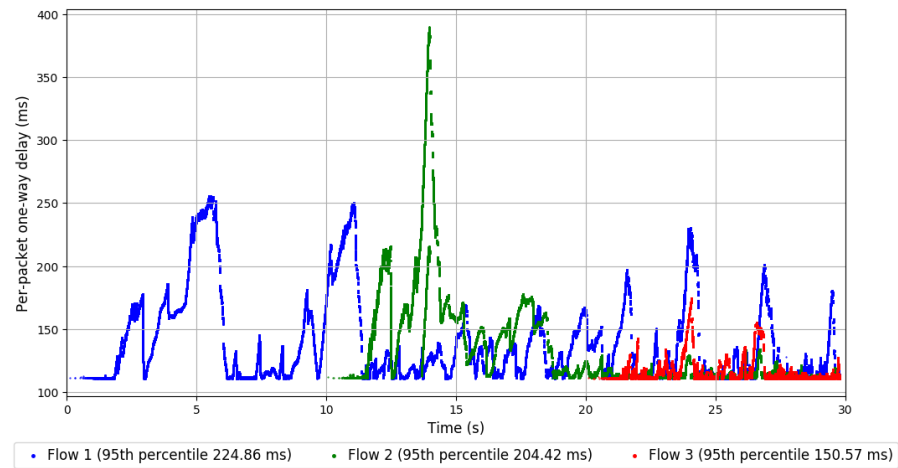
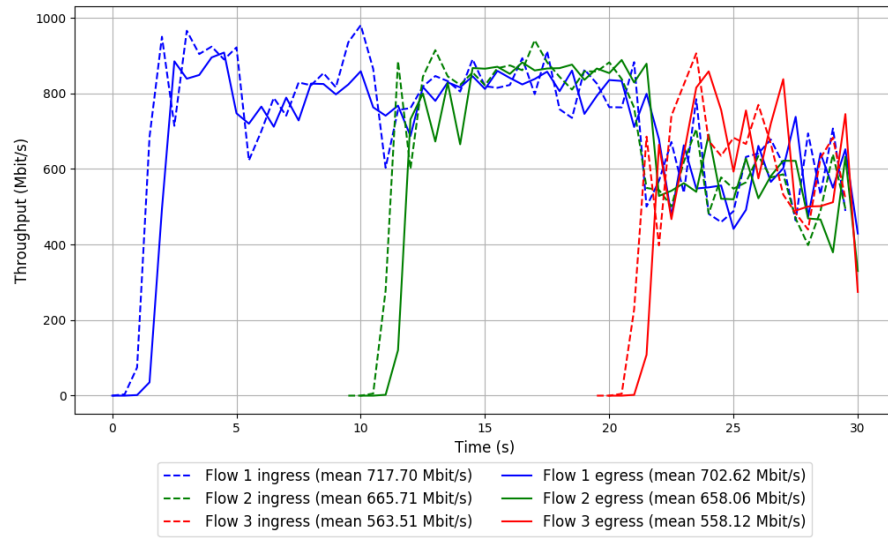


Run 9: Statistics of FillP

Start at: 2018-07-04 07:07:45
End at: 2018-07-04 07:08:15
Local clock offset: 0.091 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-07-04 09:05:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 1322.10 Mbit/s
95th percentile per-packet one-way delay: 209.865 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 702.62 Mbit/s
95th percentile per-packet one-way delay: 224.857 ms
Loss rate: 2.82%
-- Flow 2:
Average throughput: 658.06 Mbit/s
95th percentile per-packet one-way delay: 204.419 ms
Loss rate: 2.25%
-- Flow 3:
Average throughput: 558.12 Mbit/s
95th percentile per-packet one-way delay: 150.573 ms
Loss rate: 3.17%

Run 9: Report of FillP — Data Link

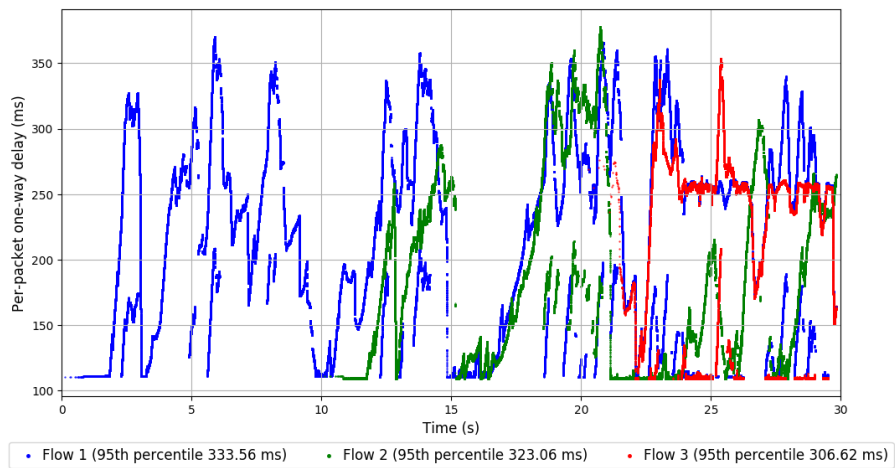
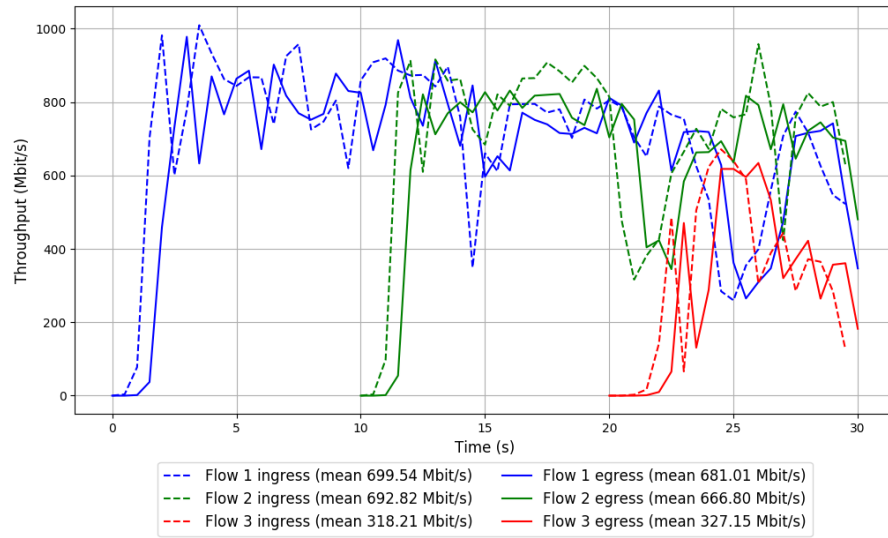


Run 10: Statistics of FillP

Start at: 2018-07-04 07:33:51
End at: 2018-07-04 07:34:21
Local clock offset: -0.01 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-07-04 09:07:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 1228.25 Mbit/s
95th percentile per-packet one-way delay: 329.102 ms
Loss rate: 3.71%
-- Flow 1:
Average throughput: 681.01 Mbit/s
95th percentile per-packet one-way delay: 333.565 ms
Loss rate: 3.37%
-- Flow 2:
Average throughput: 666.80 Mbit/s
95th percentile per-packet one-way delay: 323.065 ms
Loss rate: 4.82%
-- Flow 3:
Average throughput: 327.15 Mbit/s
95th percentile per-packet one-way delay: 306.615 ms
Loss rate: 1.10%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-07-04 03:49:56

End at: 2018-07-04 03:50:26

Local clock offset: 0.069 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2018-07-04 09:07:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 1242.95 Mbit/s

95th percentile per-packet one-way delay: 303.984 ms

Loss rate: 4.79%

-- Flow 1:

Average throughput: 673.64 Mbit/s

95th percentile per-packet one-way delay: 310.610 ms

Loss rate: 6.77%

-- Flow 2:

Average throughput: 624.78 Mbit/s

95th percentile per-packet one-way delay: 225.305 ms

Loss rate: 2.23%

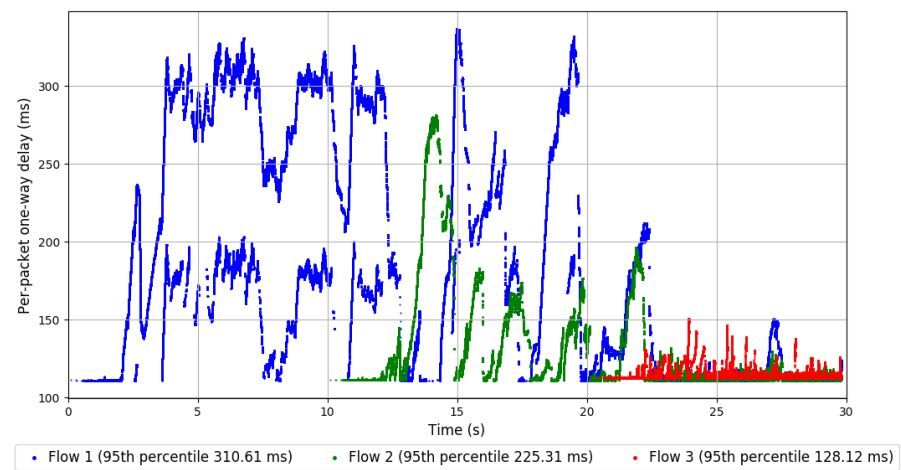
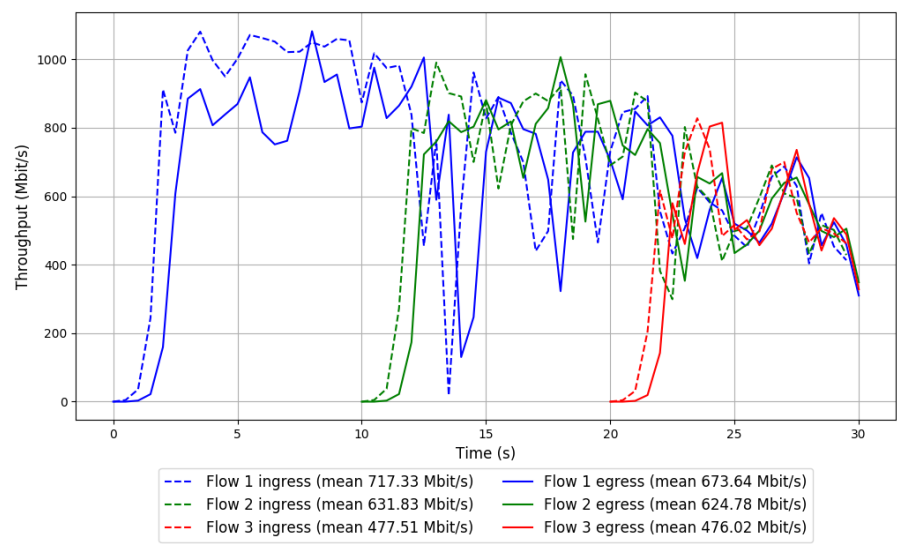
-- Flow 3:

Average throughput: 476.02 Mbit/s

95th percentile per-packet one-way delay: 128.124 ms

Loss rate: 2.58%

Run 1: Report of FillP-Sheep — Data Link

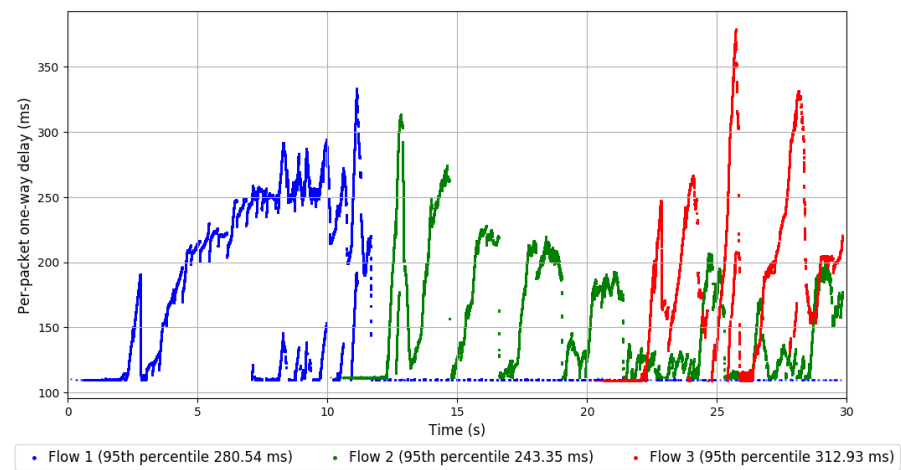
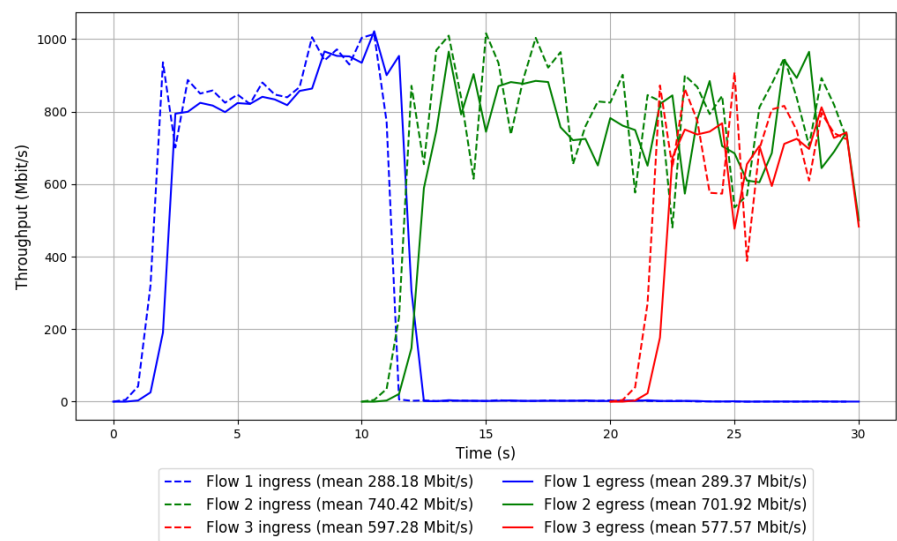


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-04 04:16:22
End at: 2018-07-04 04:16:52
Local clock offset: -1.455 ms
Remote clock offset: -0.163 ms

Below is generated by plot.py at 2018-07-04 09:07:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 942.87 Mbit/s
95th percentile per-packet one-way delay: 272.525 ms
Loss rate: 4.39%
-- Flow 1:
Average throughput: 289.37 Mbit/s
95th percentile per-packet one-way delay: 280.539 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 701.92 Mbit/s
95th percentile per-packet one-way delay: 243.346 ms
Loss rate: 6.27%
-- Flow 3:
Average throughput: 577.57 Mbit/s
95th percentile per-packet one-way delay: 312.928 ms
Loss rate: 5.48%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-07-04 04:42:44

End at: 2018-07-04 04:43:14

Local clock offset: 0.087 ms

Remote clock offset: -0.59 ms

Below is generated by plot.py at 2018-07-04 09:09:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 1242.30 Mbit/s

95th percentile per-packet one-way delay: 277.316 ms

Loss rate: 3.87%

-- Flow 1:

Average throughput: 707.11 Mbit/s

95th percentile per-packet one-way delay: 279.723 ms

Loss rate: 5.07%

-- Flow 2:

Average throughput: 596.27 Mbit/s

95th percentile per-packet one-way delay: 275.208 ms

Loss rate: 1.58%

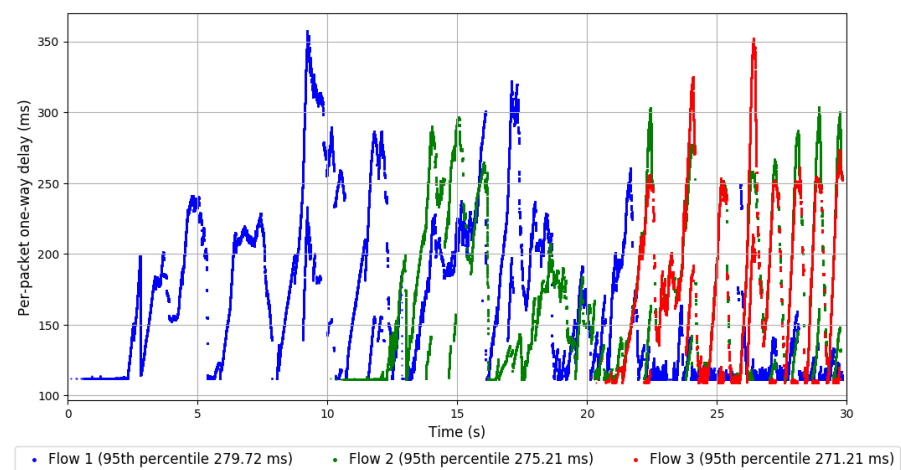
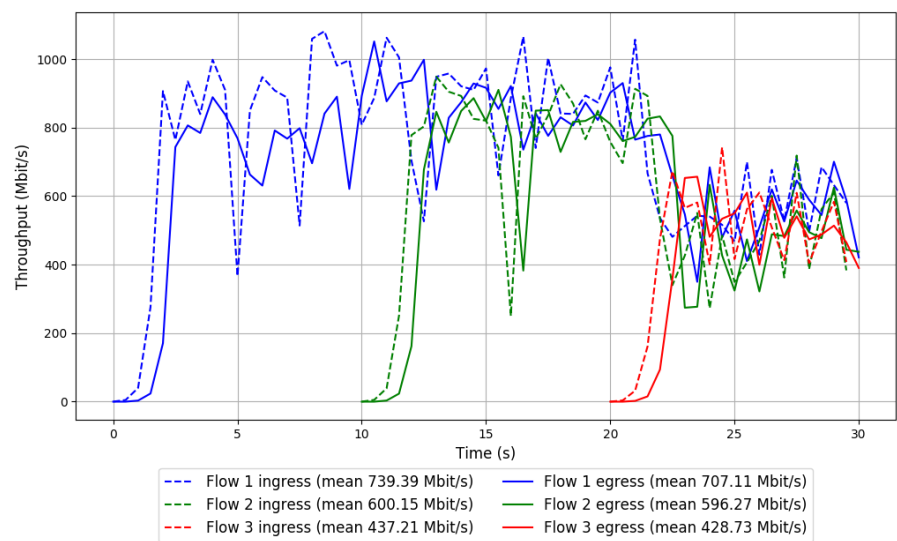
-- Flow 3:

Average throughput: 428.73 Mbit/s

95th percentile per-packet one-way delay: 271.213 ms

Loss rate: 4.05%

Run 3: Report of FillP-Sheep — Data Link

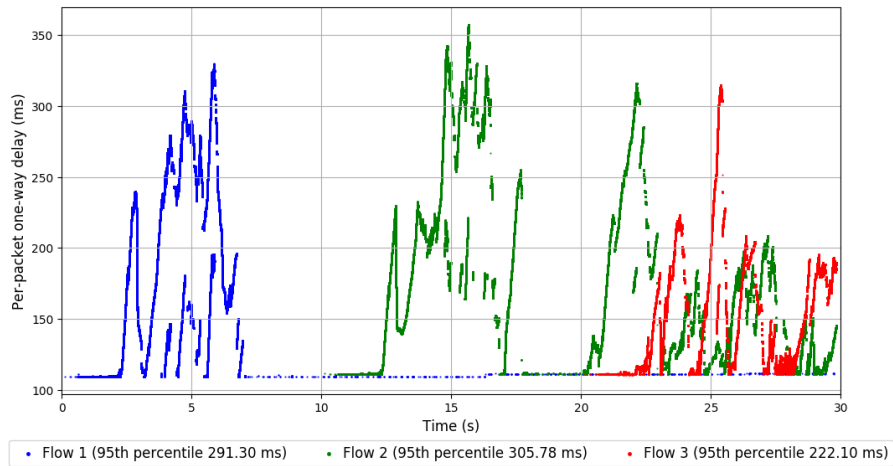
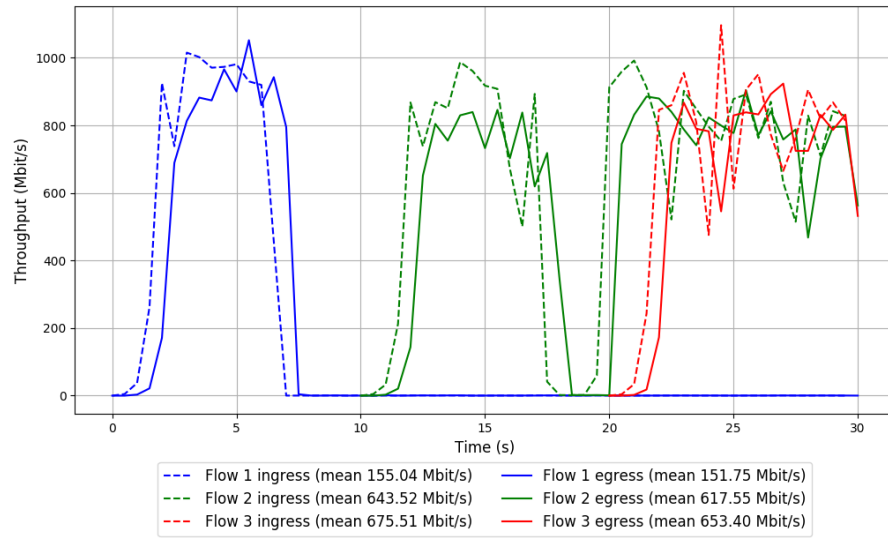


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-04 05:09:35
End at: 2018-07-04 05:10:05
Local clock offset: 0.064 ms
Remote clock offset: -0.262 ms

```
# Below is generated by plot.py at 2018-07-04 09:09:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 774.10 Mbit/s
95th percentile per-packet one-way delay: 298.897 ms
Loss rate: 4.72%
-- Flow 1:
Average throughput: 151.75 Mbit/s
95th percentile per-packet one-way delay: 291.295 ms
Loss rate: 2.62%
-- Flow 2:
Average throughput: 617.55 Mbit/s
95th percentile per-packet one-way delay: 305.776 ms
Loss rate: 5.10%
-- Flow 3:
Average throughput: 653.40 Mbit/s
95th percentile per-packet one-way delay: 222.104 ms
Loss rate: 5.43%
```

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-04 05:35:42

End at: 2018-07-04 05:36:12

Local clock offset: -0.036 ms

Remote clock offset: -0.25 ms

Below is generated by plot.py at 2018-07-04 09:09:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 962.42 Mbit/s

95th percentile per-packet one-way delay: 311.181 ms

Loss rate: 6.18%

-- Flow 1:

Average throughput: 309.09 Mbit/s

95th percentile per-packet one-way delay: 322.277 ms

Loss rate: 6.72%

-- Flow 2:

Average throughput: 692.06 Mbit/s

95th percentile per-packet one-way delay: 223.538 ms

Loss rate: 5.67%

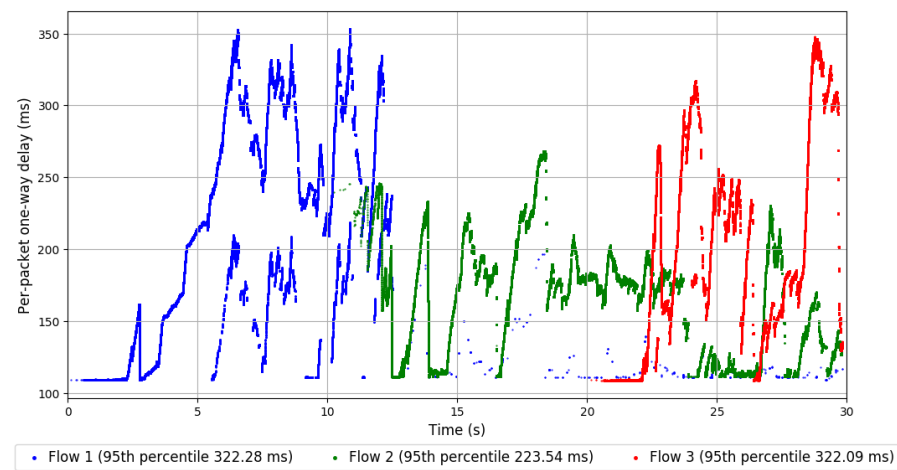
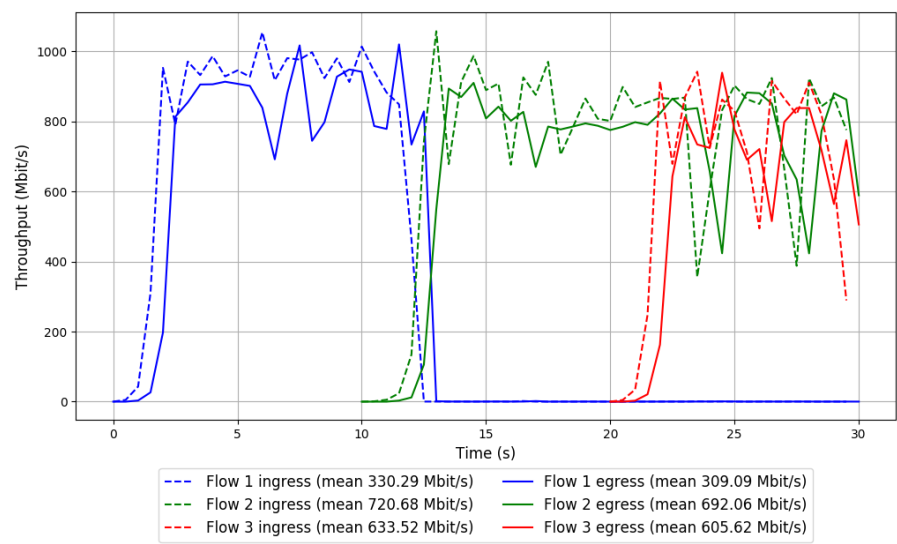
-- Flow 3:

Average throughput: 605.62 Mbit/s

95th percentile per-packet one-way delay: 322.090 ms

Loss rate: 6.52%

Run 5: Report of FillP-Sheep — Data Link

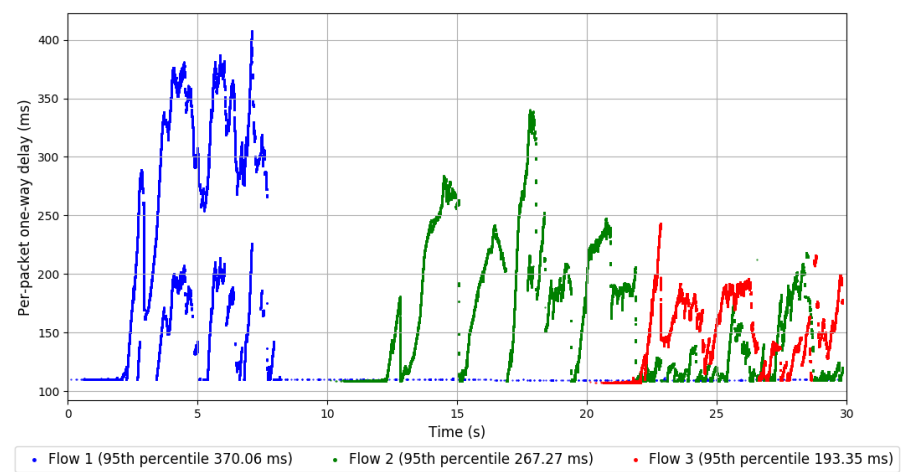
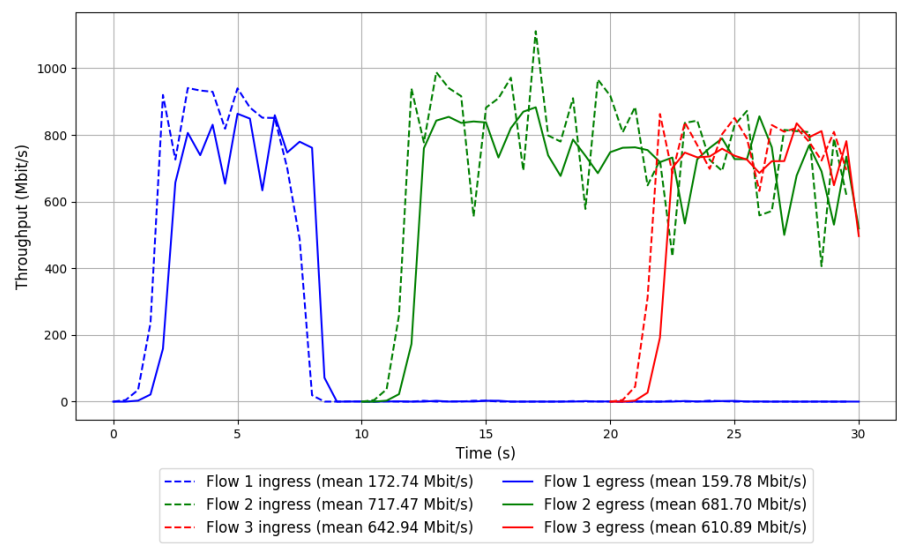


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-04 06:01:35
End at: 2018-07-04 06:02:05
Local clock offset: -1.402 ms
Remote clock offset: -0.226 ms

Below is generated by plot.py at 2018-07-04 09:09:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 810.94 Mbit/s
95th percentile per-packet one-way delay: 328.459 ms
Loss rate: 6.71%
-- Flow 1:
Average throughput: 159.78 Mbit/s
95th percentile per-packet one-way delay: 370.061 ms
Loss rate: 8.16%
-- Flow 2:
Average throughput: 681.70 Mbit/s
95th percentile per-packet one-way delay: 267.271 ms
Loss rate: 6.04%
-- Flow 3:
Average throughput: 610.89 Mbit/s
95th percentile per-packet one-way delay: 193.346 ms
Loss rate: 7.05%

Run 6: Report of FillP-Sheep — Data Link

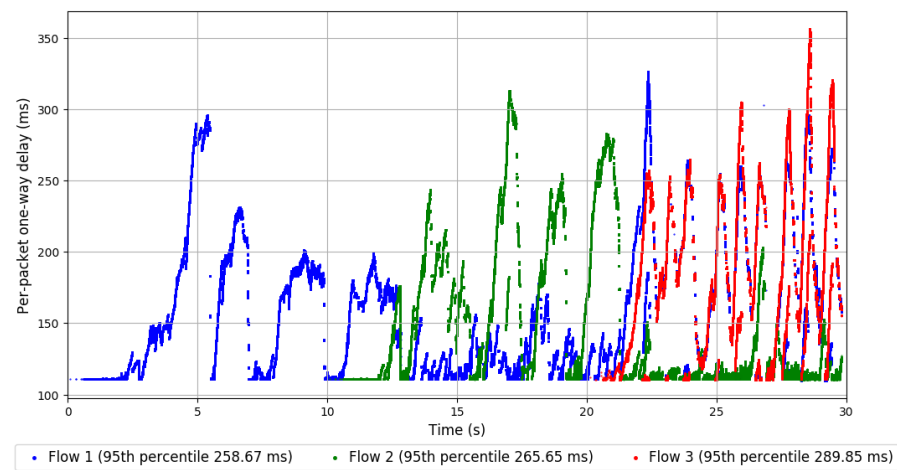
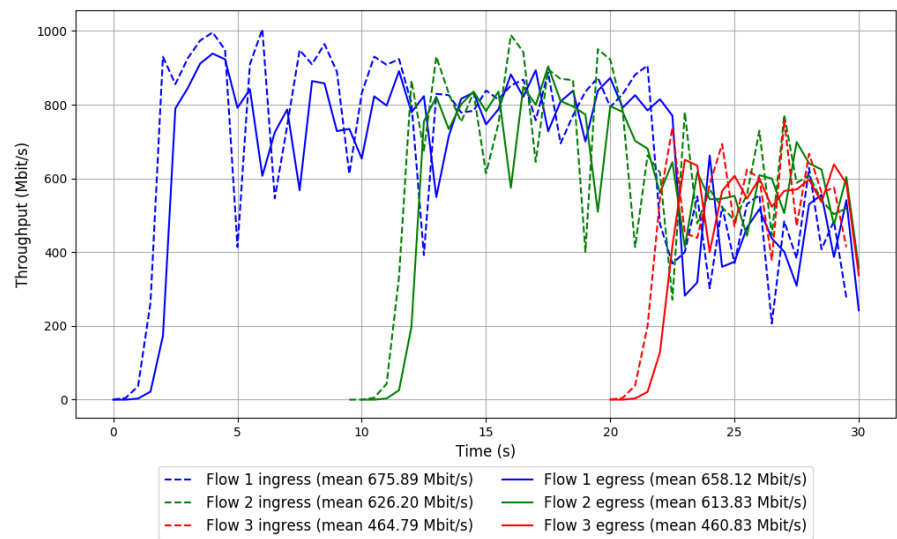


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-04 06:27:33
End at: 2018-07-04 06:28:03
Local clock offset: -0.222 ms
Remote clock offset: -0.183 ms

Below is generated by plot.py at 2018-07-04 09:26:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 1215.80 Mbit/s
95th percentile per-packet one-way delay: 266.321 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 658.12 Mbit/s
95th percentile per-packet one-way delay: 258.667 ms
Loss rate: 3.36%
-- Flow 2:
Average throughput: 613.83 Mbit/s
95th percentile per-packet one-way delay: 265.652 ms
Loss rate: 3.04%
-- Flow 3:
Average throughput: 460.83 Mbit/s
95th percentile per-packet one-way delay: 289.847 ms
Loss rate: 3.08%

Run 7: Report of FillP-Sheep — Data Link

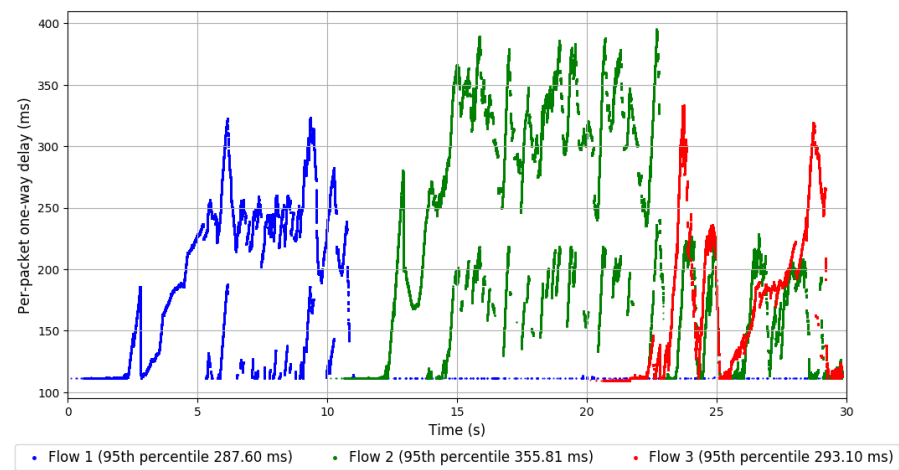
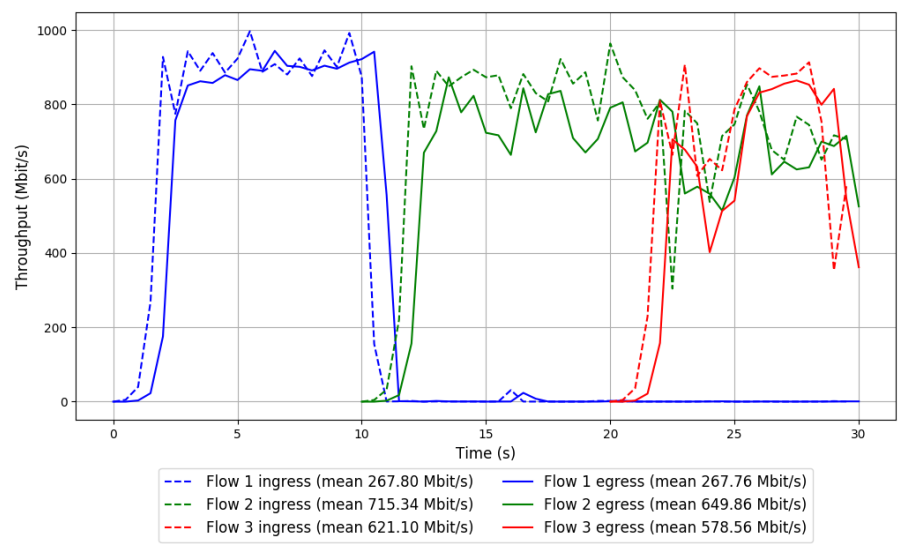


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-04 06:54:20
End at: 2018-07-04 06:54:50
Local clock offset: 0.034 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-07-04 09:26:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 886.65 Mbit/s
95th percentile per-packet one-way delay: 341.439 ms
Loss rate: 7.21%
-- Flow 1:
Average throughput: 267.76 Mbit/s
95th percentile per-packet one-way delay: 287.600 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 649.86 Mbit/s
95th percentile per-packet one-way delay: 355.809 ms
Loss rate: 10.16%
-- Flow 3:
Average throughput: 578.56 Mbit/s
95th percentile per-packet one-way delay: 293.102 ms
Loss rate: 8.89%

Run 8: Report of FillP-Sheep — Data Link

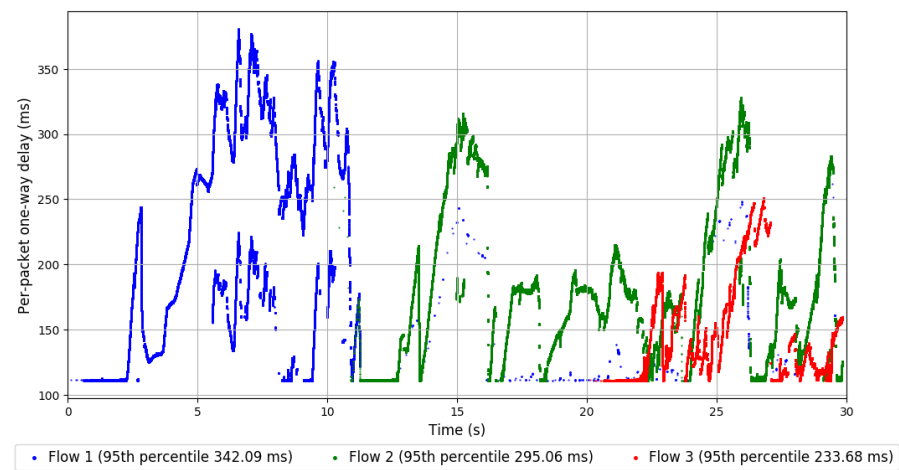
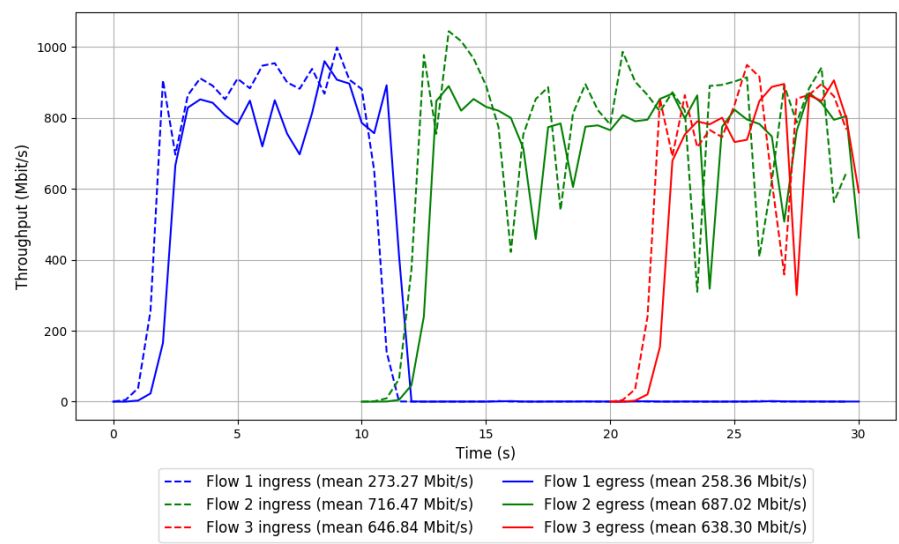


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-04 07:20:28
End at: 2018-07-04 07:20:58
Local clock offset: 0.145 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-07-04 09:26:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 917.76 Mbit/s
95th percentile per-packet one-way delay: 314.692 ms
Loss rate: 5.46%
-- Flow 1:
Average throughput: 258.36 Mbit/s
95th percentile per-packet one-way delay: 342.091 ms
Loss rate: 6.25%
-- Flow 2:
Average throughput: 687.02 Mbit/s
95th percentile per-packet one-way delay: 295.059 ms
Loss rate: 5.88%
-- Flow 3:
Average throughput: 638.30 Mbit/s
95th percentile per-packet one-way delay: 233.678 ms
Loss rate: 3.53%

Run 9: Report of FillP-Sheep — Data Link

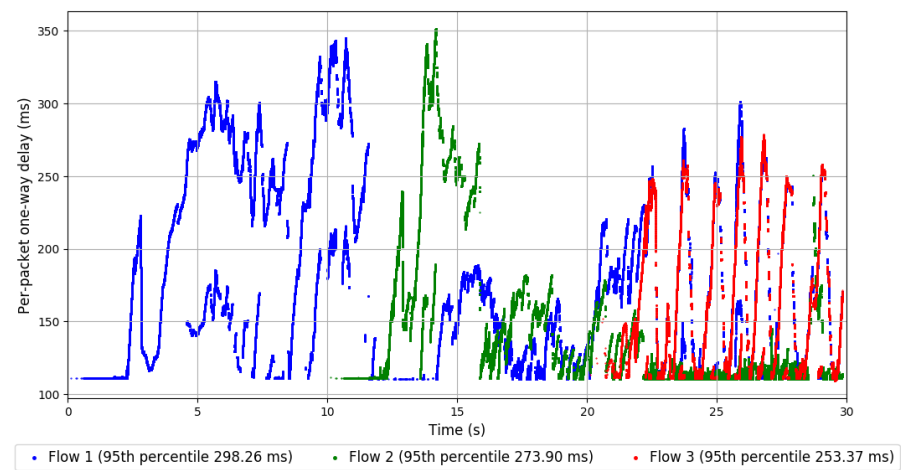
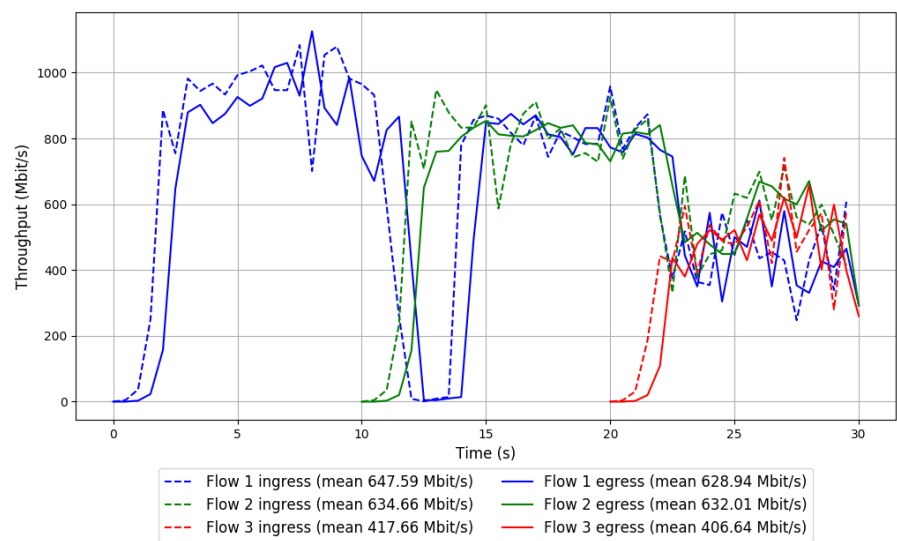


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-04 07:46:22
End at: 2018-07-04 07:46:52
Local clock offset: 0.09 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 1180.46 Mbit/s
95th percentile per-packet one-way delay: 290.997 ms
Loss rate: 3.04%
-- Flow 1:
Average throughput: 628.94 Mbit/s
95th percentile per-packet one-way delay: 298.258 ms
Loss rate: 3.60%
-- Flow 2:
Average throughput: 632.01 Mbit/s
95th percentile per-packet one-way delay: 273.896 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 406.64 Mbit/s
95th percentile per-packet one-way delay: 253.372 ms
Loss rate: 4.83%

Run 10: Report of FillP-Sheep — Data Link

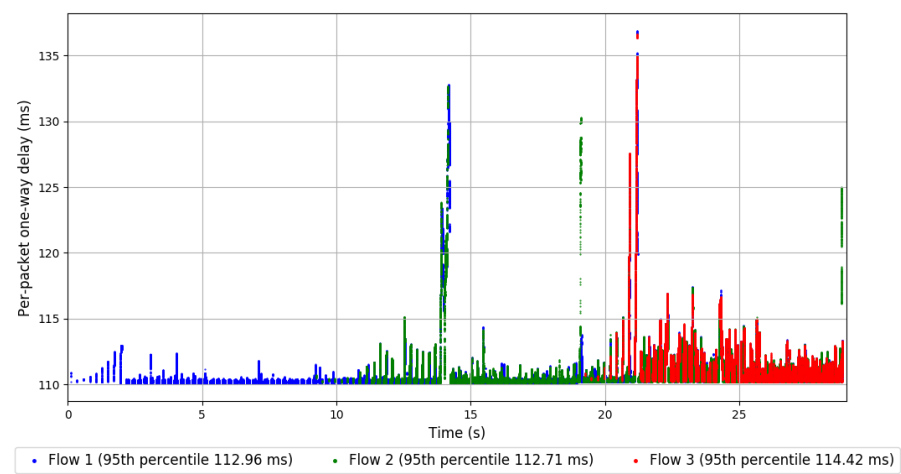
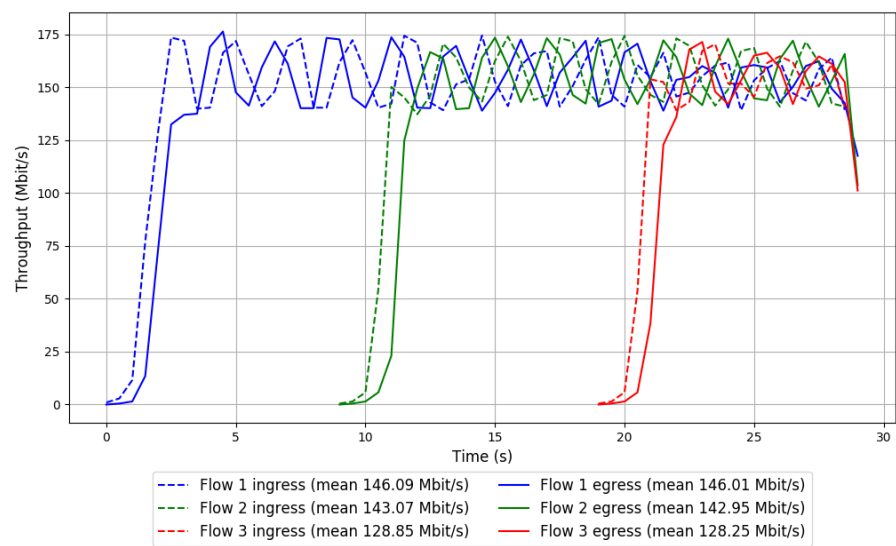


Run 1: Statistics of Indigo

Start at: 2018-07-04 03:32:41
End at: 2018-07-04 03:33:11
Local clock offset: -1.128 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 286.09 Mbit/s
95th percentile per-packet one-way delay: 113.271 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 146.01 Mbit/s
95th percentile per-packet one-way delay: 112.962 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 142.95 Mbit/s
95th percentile per-packet one-way delay: 112.707 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 128.25 Mbit/s
95th percentile per-packet one-way delay: 114.422 ms
Loss rate: 2.73%

Run 1: Report of Indigo — Data Link

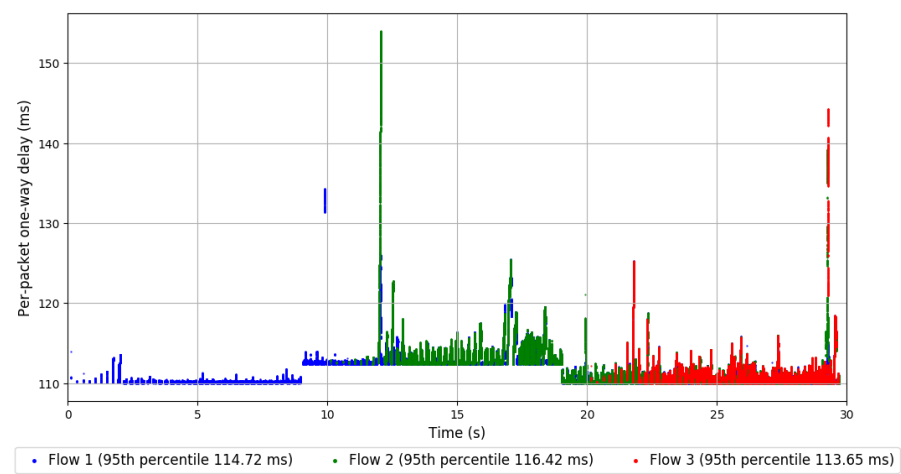
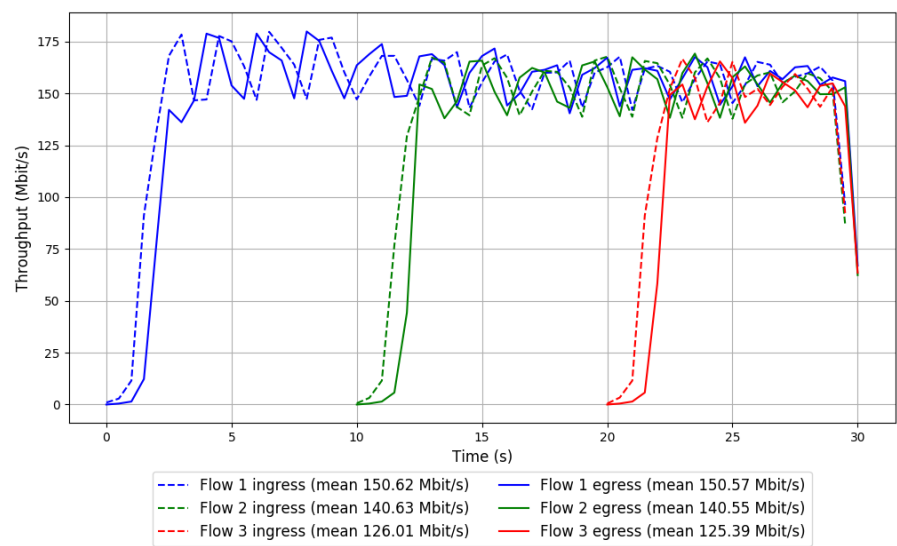


Run 2: Statistics of Indigo

Start at: 2018-07-04 03:59:02
End at: 2018-07-04 03:59:32
Local clock offset: 1.184 ms
Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 283.90 Mbit/s
95th percentile per-packet one-way delay: 115.183 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 150.57 Mbit/s
95th percentile per-packet one-way delay: 114.715 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 140.55 Mbit/s
95th percentile per-packet one-way delay: 116.421 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 125.39 Mbit/s
95th percentile per-packet one-way delay: 113.652 ms
Loss rate: 2.76%

Run 2: Report of Indigo — Data Link

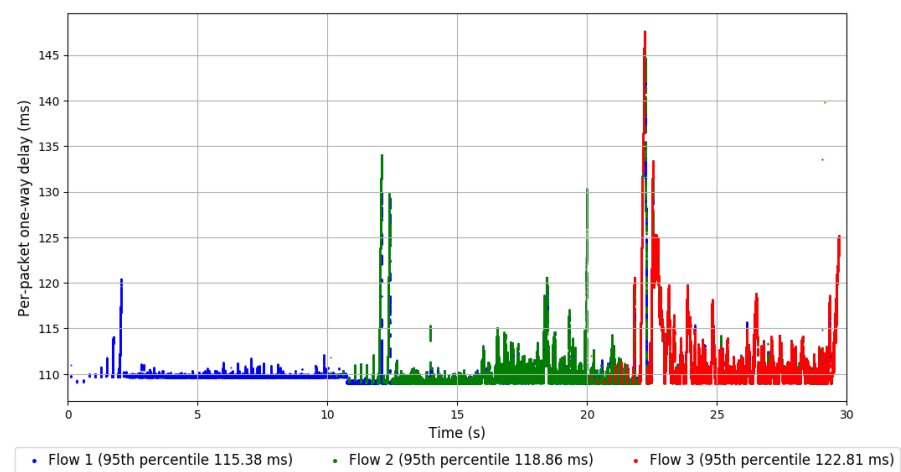
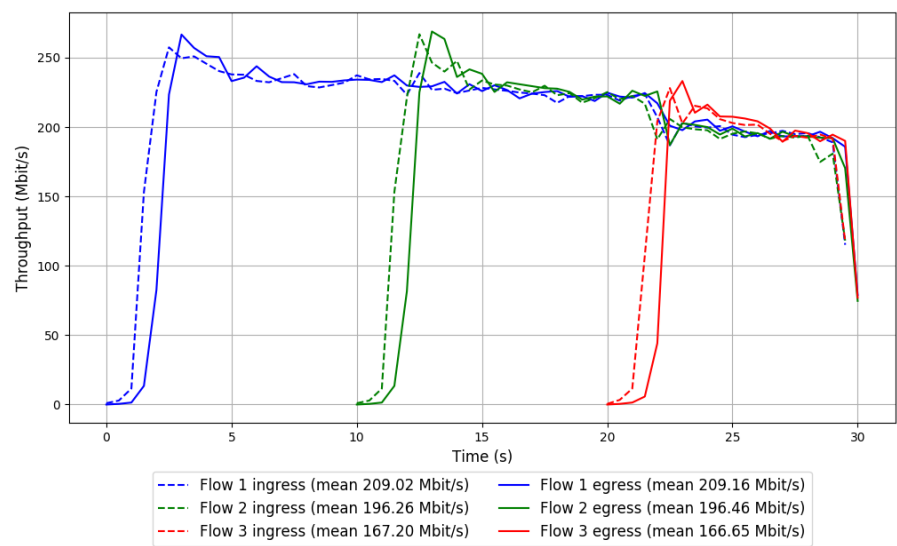


Run 3: Statistics of Indigo

Start at: 2018-07-04 04:25:11
End at: 2018-07-04 04:25:41
Local clock offset: -0.126 ms
Remote clock offset: -0.549 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 392.96 Mbit/s
95th percentile per-packet one-way delay: 117.894 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 209.16 Mbit/s
95th percentile per-packet one-way delay: 115.381 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 196.46 Mbit/s
95th percentile per-packet one-way delay: 118.859 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 166.65 Mbit/s
95th percentile per-packet one-way delay: 122.806 ms
Loss rate: 2.58%

Run 3: Report of Indigo — Data Link

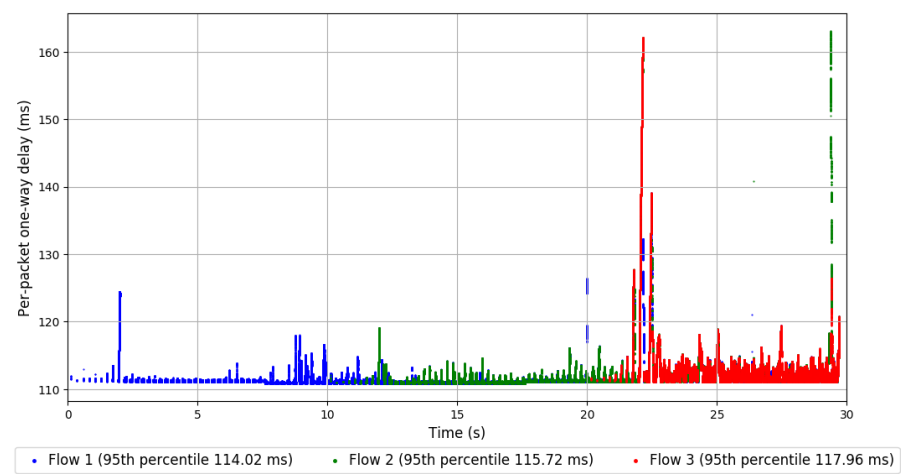
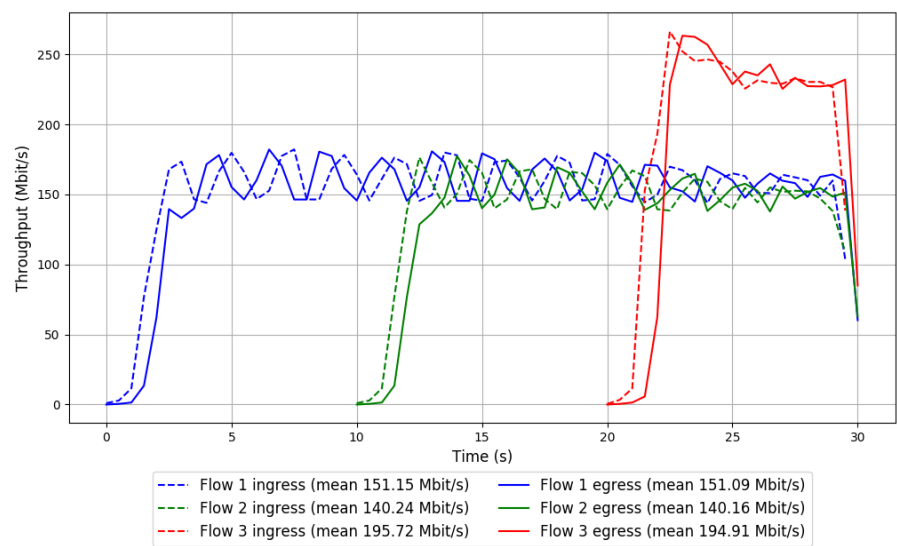


Run 4: Statistics of Indigo

Start at: 2018-07-04 04:51:54
End at: 2018-07-04 04:52:24
Local clock offset: -0.124 ms
Remote clock offset: -0.636 ms

```
# Below is generated by plot.py at 2018-07-04 09:29:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 306.83 Mbit/s
95th percentile per-packet one-way delay: 115.431 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 151.09 Mbit/s
95th percentile per-packet one-way delay: 114.015 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 140.16 Mbit/s
95th percentile per-packet one-way delay: 115.723 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 194.91 Mbit/s
95th percentile per-packet one-way delay: 117.960 ms
Loss rate: 2.66%
```

Run 4: Report of Indigo — Data Link

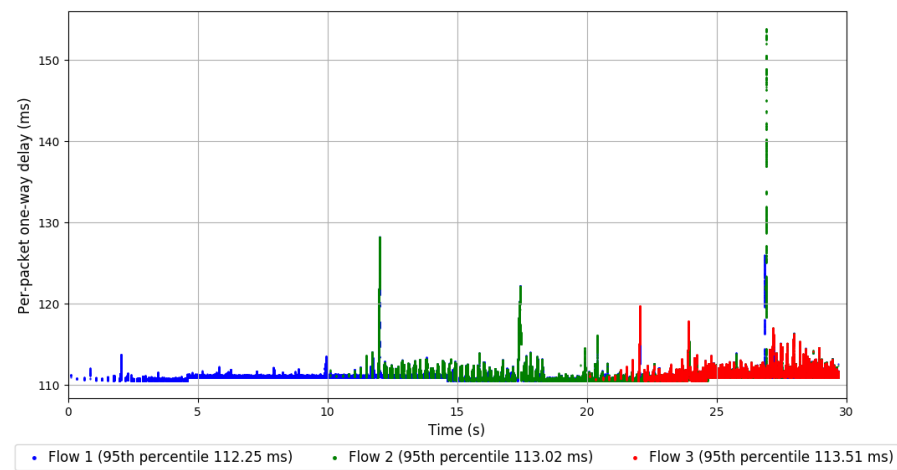
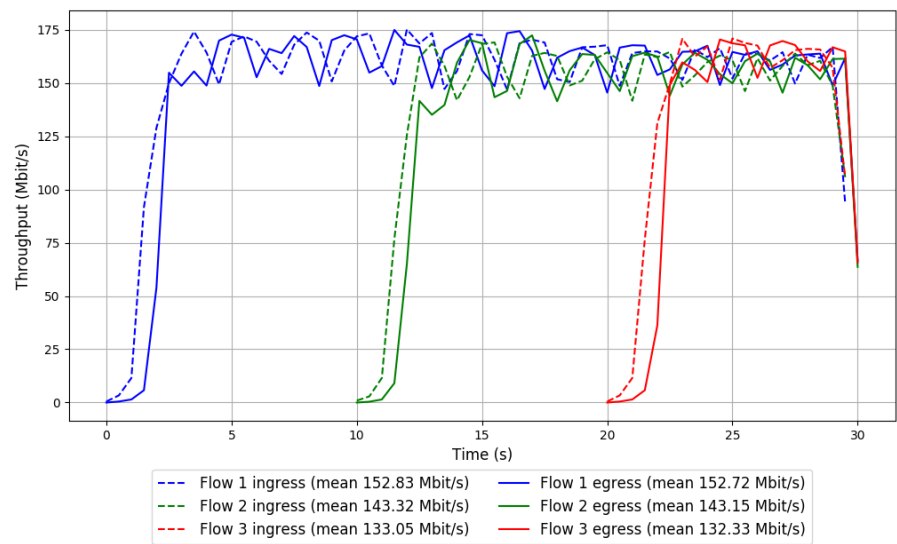


Run 5: Statistics of Indigo

Start at: 2018-07-04 05:18:27
End at: 2018-07-04 05:18:57
Local clock offset: -0.195 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 290.32 Mbit/s
95th percentile per-packet one-way delay: 112.625 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 152.72 Mbit/s
95th percentile per-packet one-way delay: 112.255 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 143.15 Mbit/s
95th percentile per-packet one-way delay: 113.021 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 132.33 Mbit/s
95th percentile per-packet one-way delay: 113.508 ms
Loss rate: 2.80%

Run 5: Report of Indigo — Data Link

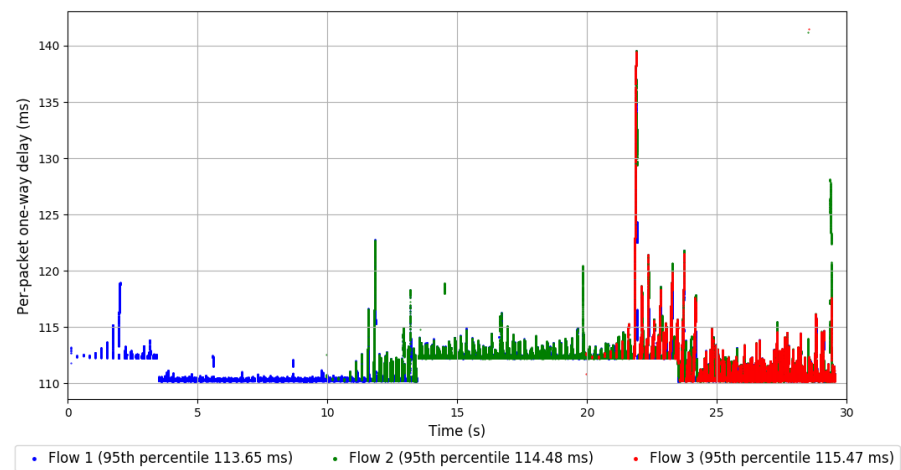
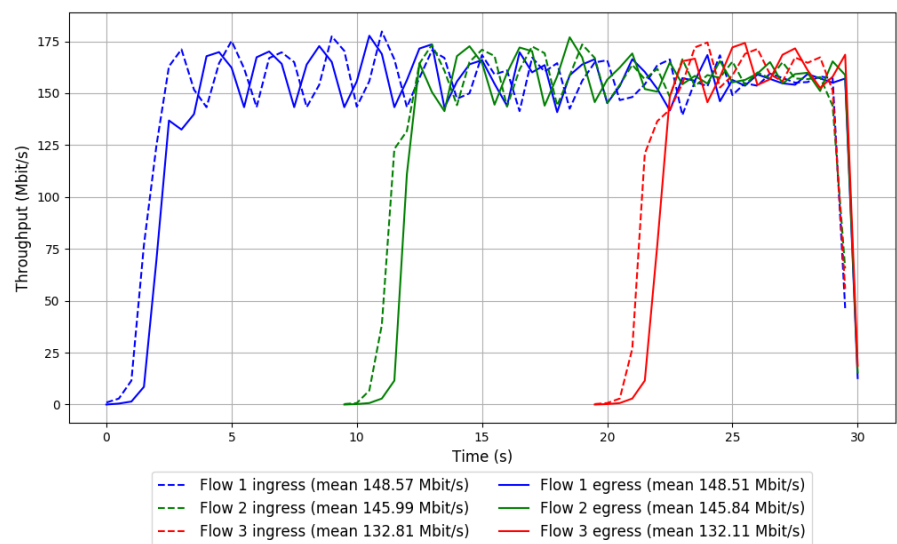


Run 6: Statistics of Indigo

Start at: 2018-07-04 05:44:38
End at: 2018-07-04 05:45:08
Local clock offset: 1.361 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 288.58 Mbit/s
95th percentile per-packet one-way delay: 114.252 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 148.51 Mbit/s
95th percentile per-packet one-way delay: 113.648 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 145.84 Mbit/s
95th percentile per-packet one-way delay: 114.478 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 132.11 Mbit/s
95th percentile per-packet one-way delay: 115.471 ms
Loss rate: 2.75%

Run 6: Report of Indigo — Data Link

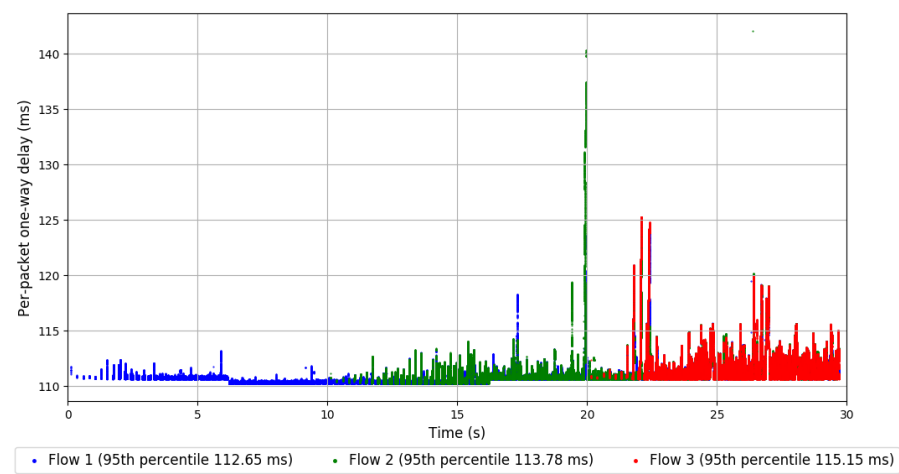
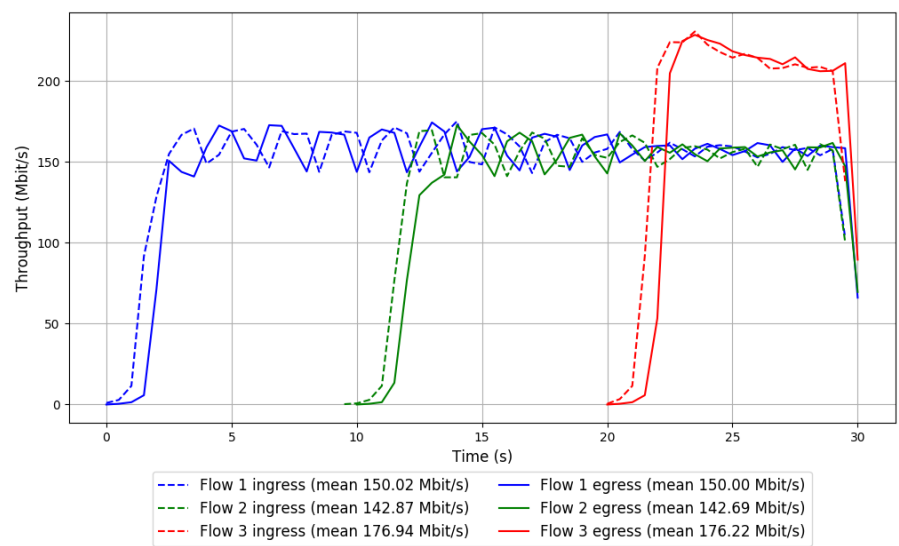


Run 7: Statistics of Indigo

Start at: 2018-07-04 06:10:25
End at: 2018-07-04 06:10:55
Local clock offset: -0.21 ms
Remote clock offset: -0.197 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 301.37 Mbit/s
95th percentile per-packet one-way delay: 113.599 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 150.00 Mbit/s
95th percentile per-packet one-way delay: 112.650 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 142.69 Mbit/s
95th percentile per-packet one-way delay: 113.776 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 176.22 Mbit/s
95th percentile per-packet one-way delay: 115.150 ms
Loss rate: 2.65%

Run 7: Report of Indigo — Data Link

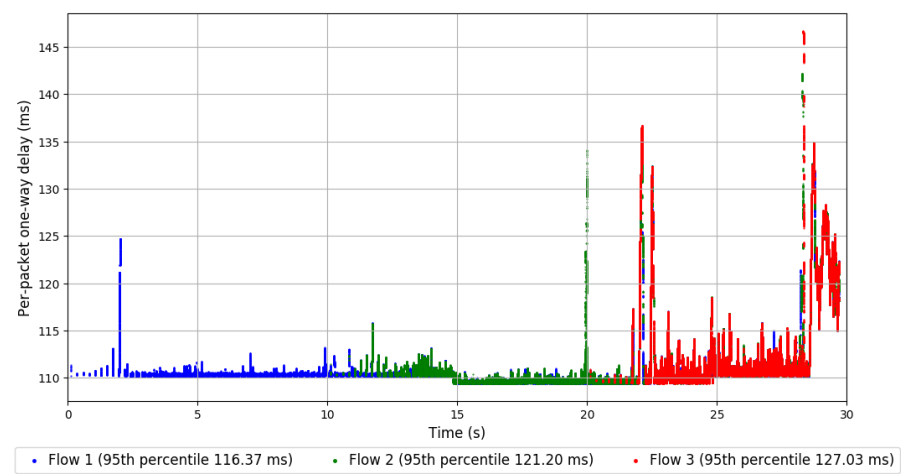
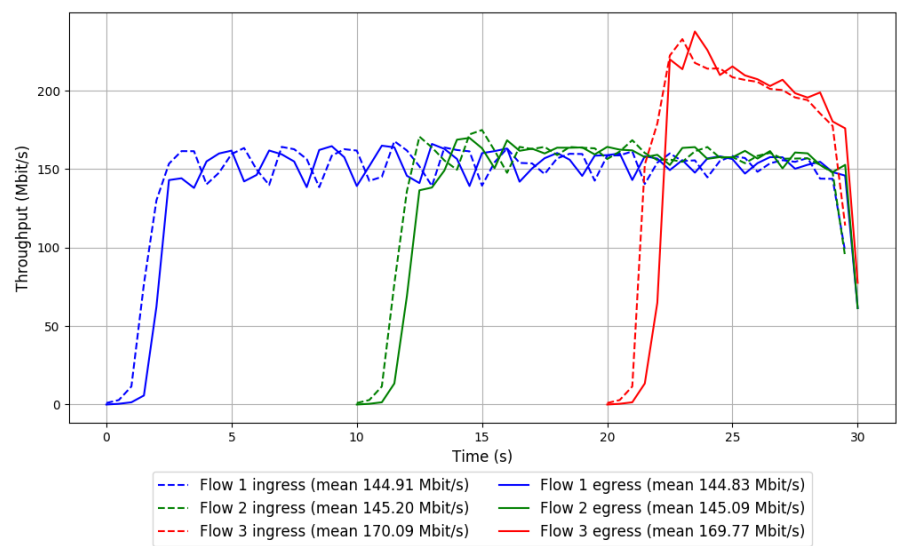


Run 8: Statistics of Indigo

Start at: 2018-07-04 06:36:46
End at: 2018-07-04 06:37:16
Local clock offset: 0.002 ms
Remote clock offset: -0.223 ms

```
# Below is generated by plot.py at 2018-07-04 09:29:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 295.88 Mbit/s
95th percentile per-packet one-way delay: 121.528 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 144.83 Mbit/s
95th percentile per-packet one-way delay: 116.373 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 145.09 Mbit/s
95th percentile per-packet one-way delay: 121.201 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 169.77 Mbit/s
95th percentile per-packet one-way delay: 127.027 ms
Loss rate: 2.43%
```

Run 8: Report of Indigo — Data Link

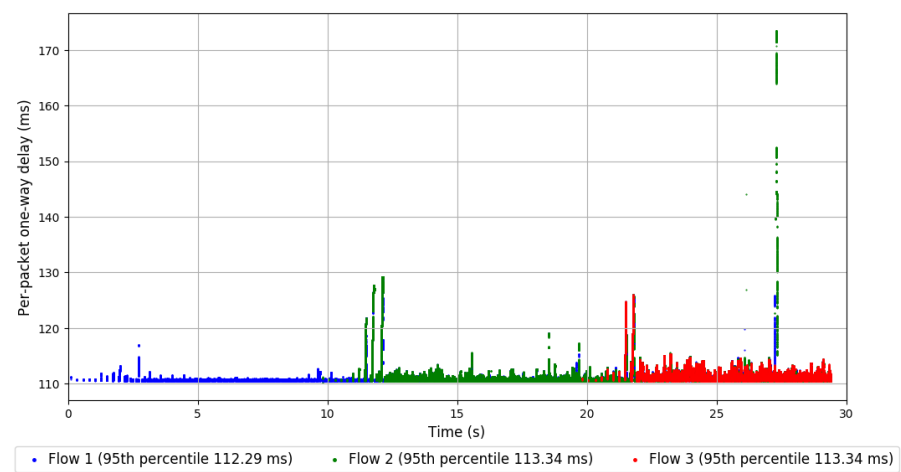
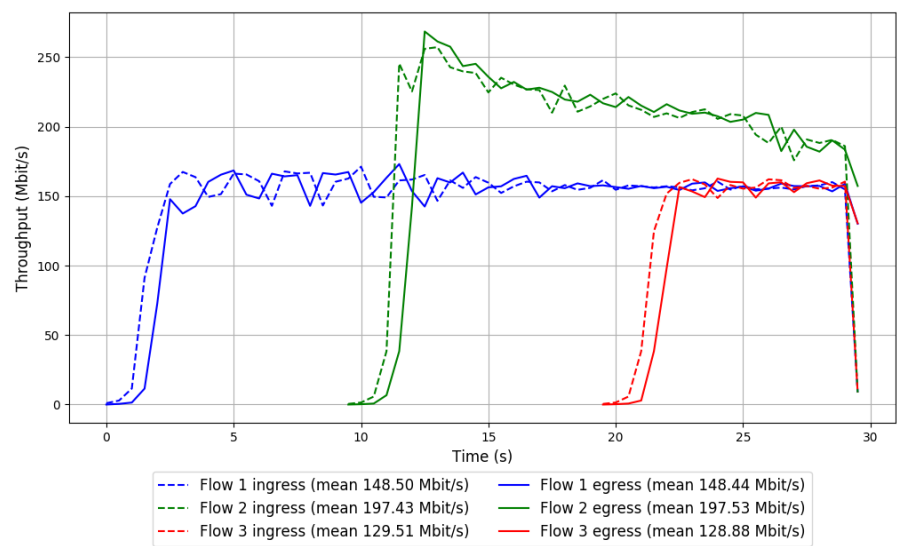


Run 9: Statistics of Indigo

Start at: 2018-07-04 07:03:14
End at: 2018-07-04 07:03:44
Local clock offset: -0.39 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 322.64 Mbit/s
95th percentile per-packet one-way delay: 112.862 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 148.44 Mbit/s
95th percentile per-packet one-way delay: 112.286 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 197.53 Mbit/s
95th percentile per-packet one-way delay: 113.341 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 128.88 Mbit/s
95th percentile per-packet one-way delay: 113.340 ms
Loss rate: 2.73%

Run 9: Report of Indigo — Data Link

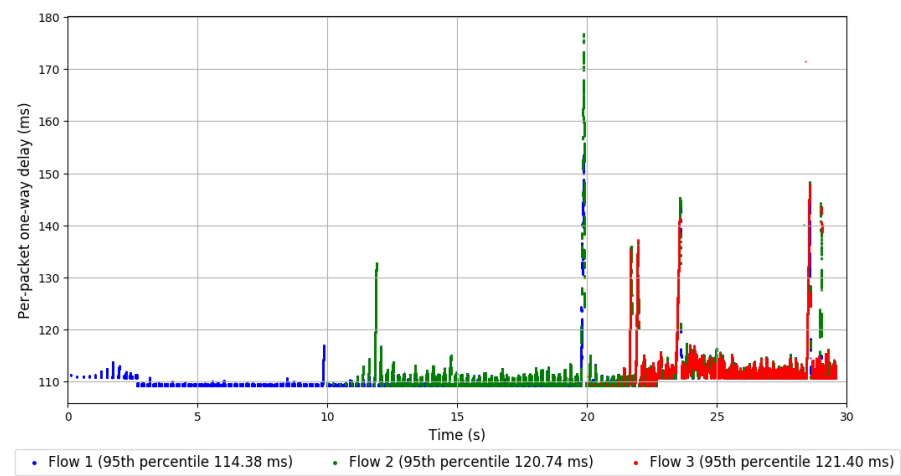
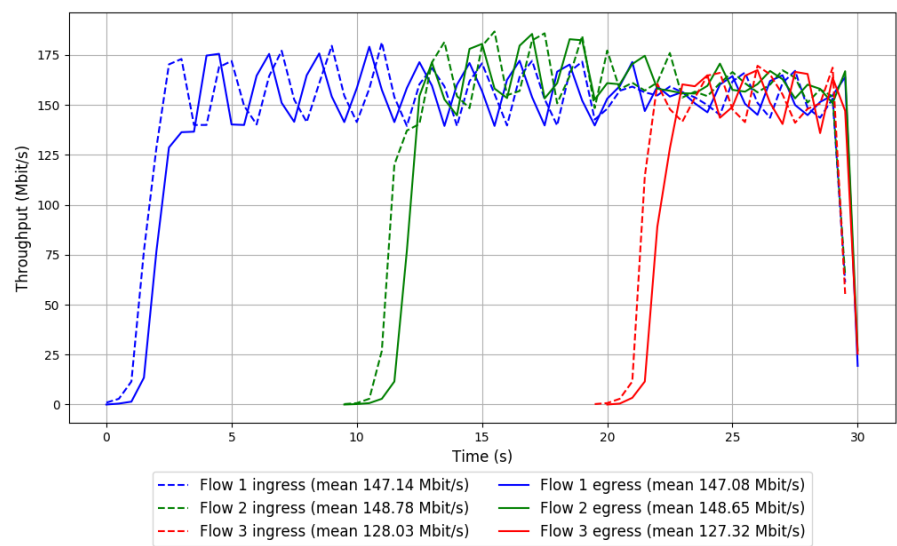


Run 10: Statistics of Indigo

Start at: 2018-07-04 07:29:19
End at: 2018-07-04 07:29:49
Local clock offset: -0.181 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 287.23 Mbit/s
95th percentile per-packet one-way delay: 115.402 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 147.08 Mbit/s
95th percentile per-packet one-way delay: 114.381 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 148.65 Mbit/s
95th percentile per-packet one-way delay: 120.740 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 127.32 Mbit/s
95th percentile per-packet one-way delay: 121.398 ms
Loss rate: 2.79%

Run 10: Report of Indigo — Data Link

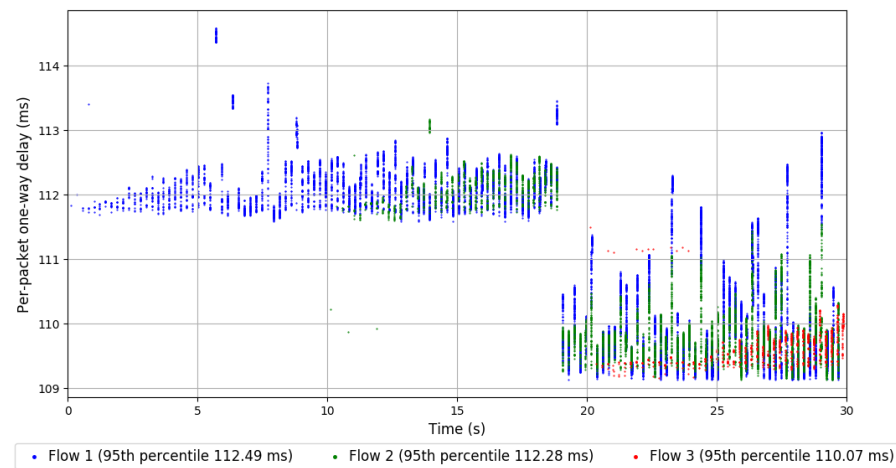
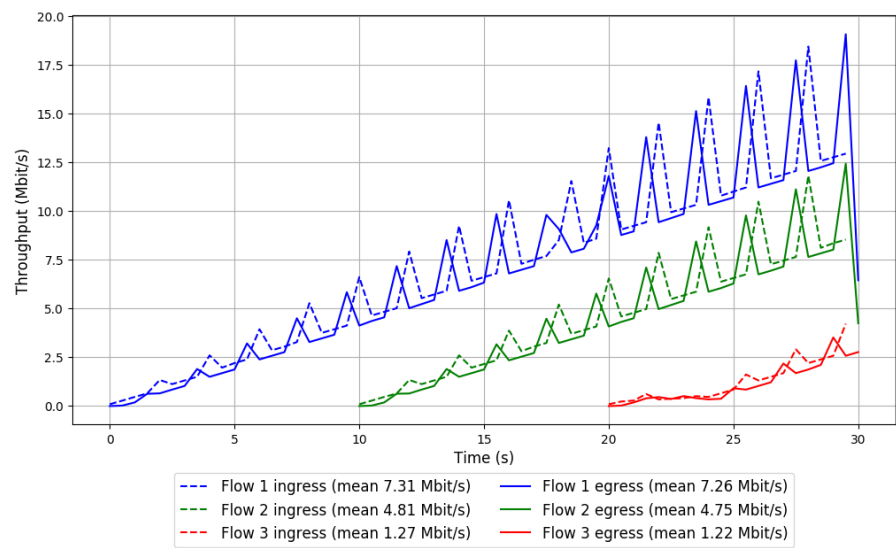


Run 1: Statistics of LEDBAT

Start at: 2018-07-04 03:47:21
End at: 2018-07-04 03:47:51
Local clock offset: 0.316 ms
Remote clock offset: -0.172 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 112.442 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 7.26 Mbit/s
95th percentile per-packet one-way delay: 112.488 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 112.280 ms
Loss rate: 2.26%
-- Flow 3:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 110.071 ms
Loss rate: 5.76%

Run 1: Report of LEDBAT — Data Link

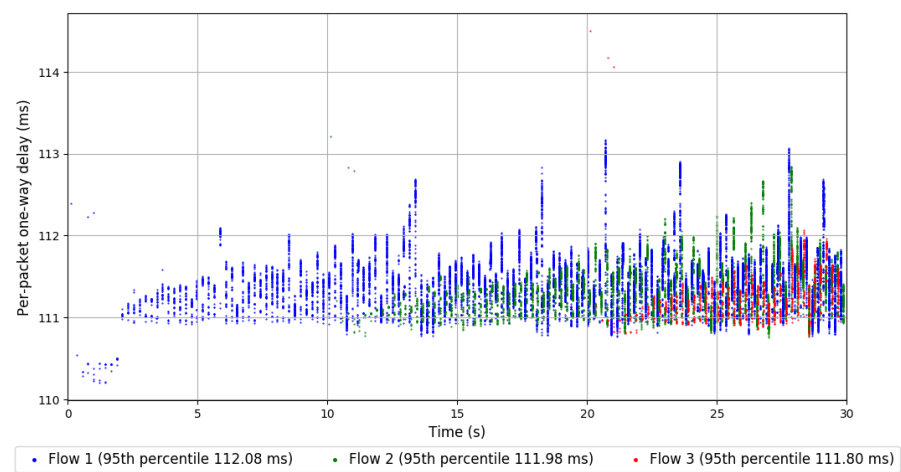
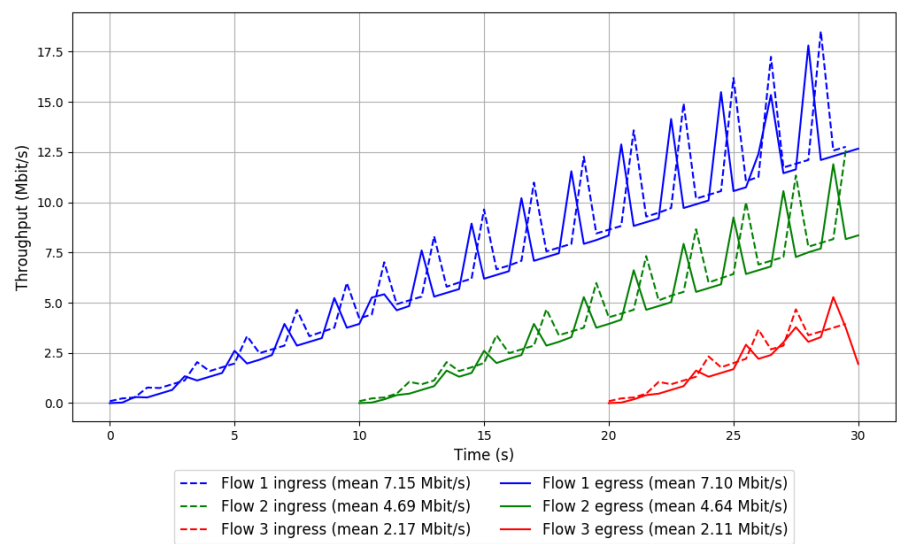


Run 2: Statistics of LEDBAT

Start at: 2018-07-04 04:13:49
End at: 2018-07-04 04:14:19
Local clock offset: 1.299 ms
Remote clock offset: -0.216 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.84 Mbit/s
95th percentile per-packet one-way delay: 112.020 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 7.10 Mbit/s
95th percentile per-packet one-way delay: 112.083 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 4.64 Mbit/s
95th percentile per-packet one-way delay: 111.980 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 111.799 ms
Loss rate: 4.71%

Run 2: Report of LEDBAT — Data Link

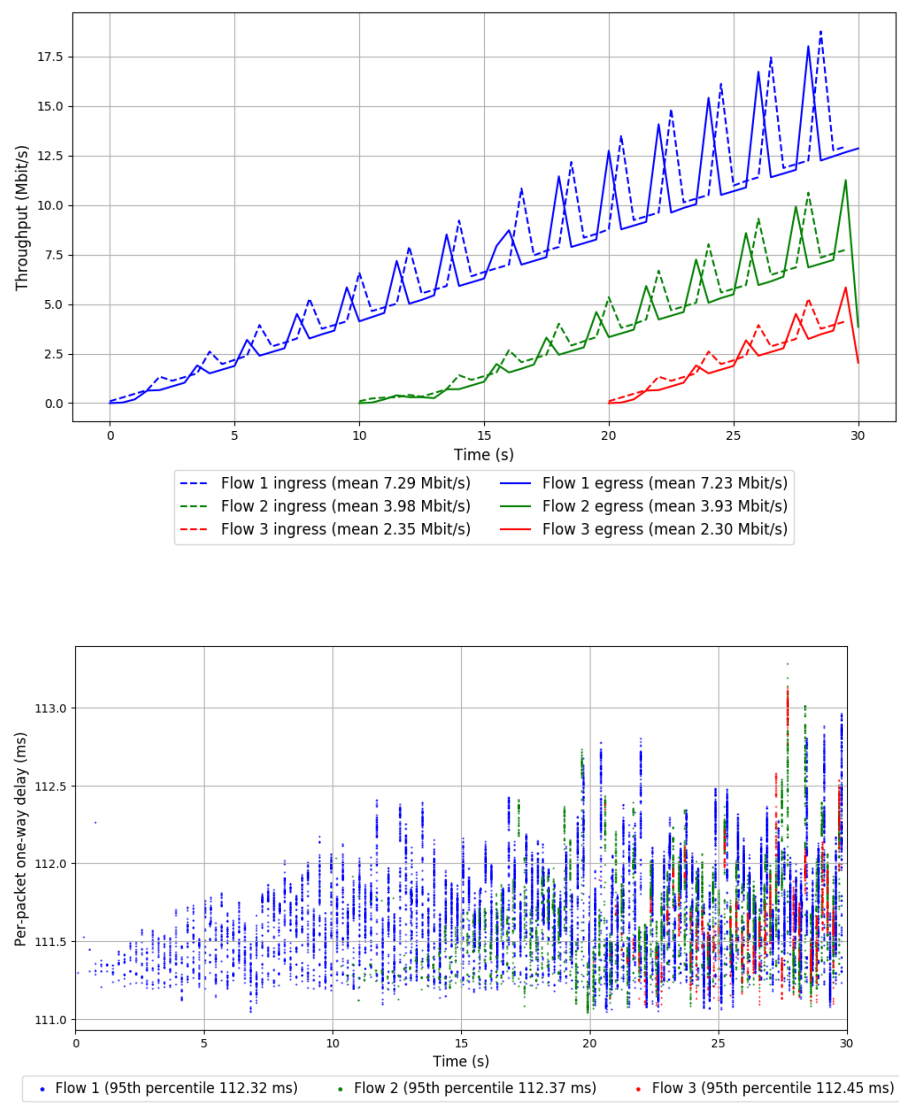


Run 3: Statistics of LEDBAT

Start at: 2018-07-04 04:40:09
End at: 2018-07-04 04:40:39
Local clock offset: 0.055 ms
Remote clock offset: -0.593 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.57 Mbit/s
95th percentile per-packet one-way delay: 112.344 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 112.320 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 112.373 ms
Loss rate: 2.47%
-- Flow 3:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 112.454 ms
Loss rate: 4.53%

Run 3: Report of LEDBAT — Data Link

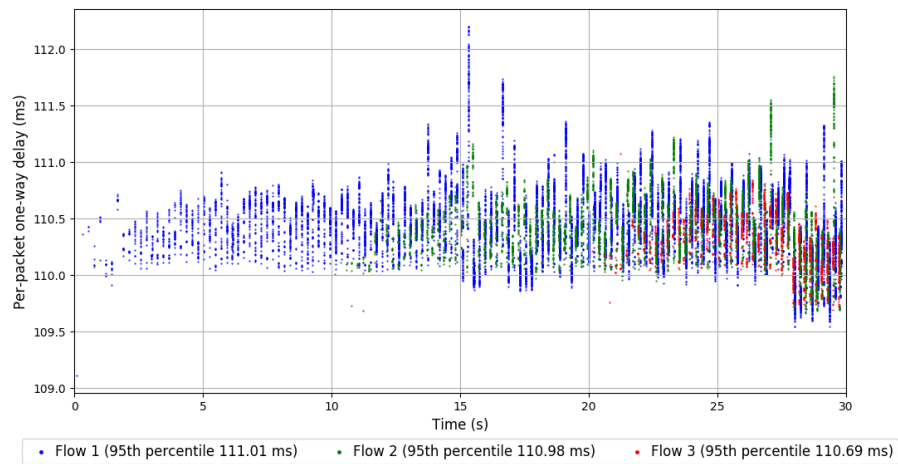
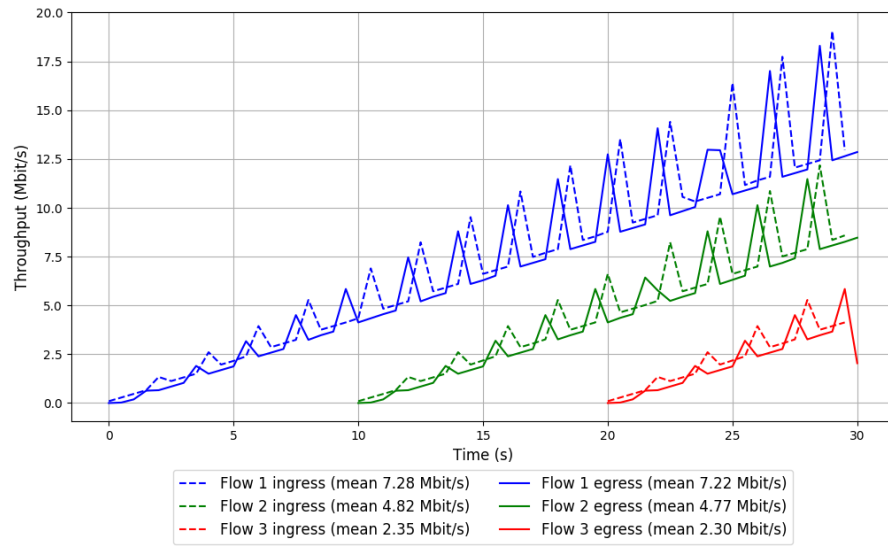


Run 4: Statistics of LEDBAT

Start at: 2018-07-04 05:07:04
End at: 2018-07-04 05:07:34
Local clock offset: -1.246 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.12 Mbit/s
95th percentile per-packet one-way delay: 110.984 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 7.22 Mbit/s
95th percentile per-packet one-way delay: 111.008 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 110.982 ms
Loss rate: 2.25%
-- Flow 3:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 110.689 ms
Loss rate: 4.52%

Run 4: Report of LEDBAT — Data Link

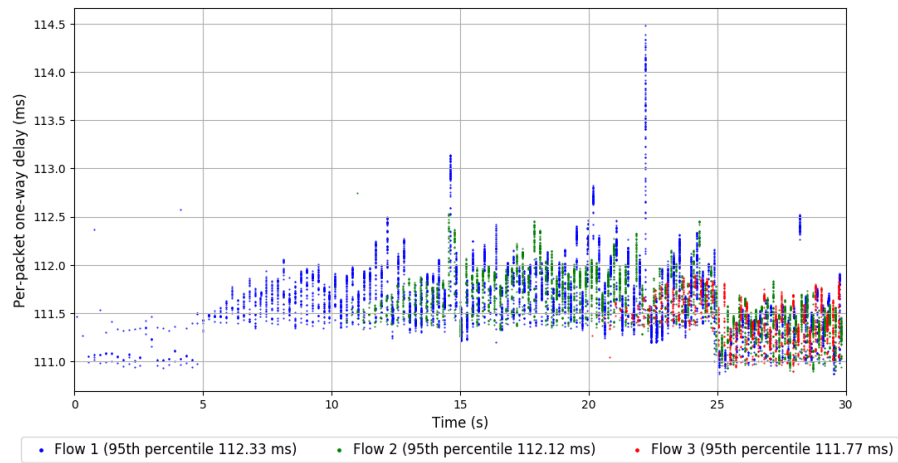
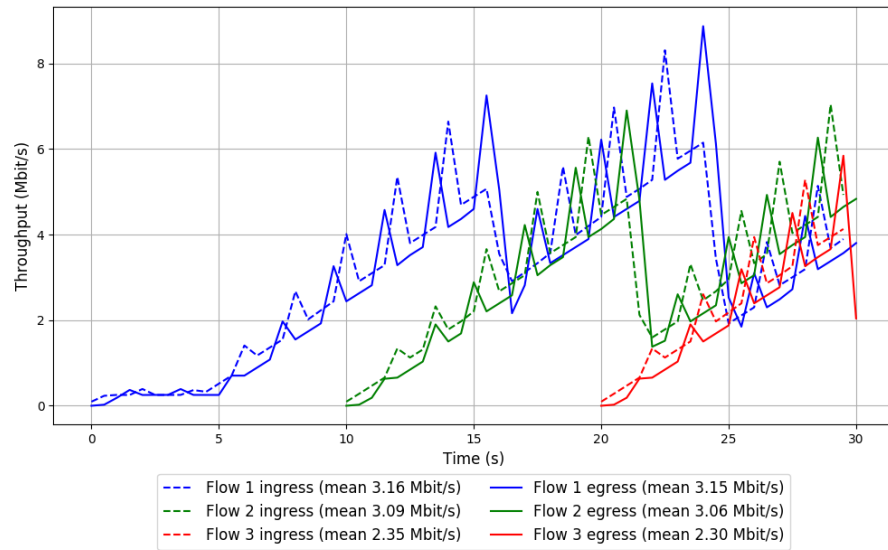


Run 5: Statistics of LEDBAT

Start at: 2018-07-04 05:33:07
End at: 2018-07-04 05:33:37
Local clock offset: -0.029 ms
Remote clock offset: -0.233 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 112.222 ms
Loss rate: 1.85%
-- Flow 1:
Average throughput: 3.15 Mbit/s
95th percentile per-packet one-way delay: 112.325 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 3.06 Mbit/s
95th percentile per-packet one-way delay: 112.123 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 111.774 ms
Loss rate: 4.52%

Run 5: Report of LEDBAT — Data Link

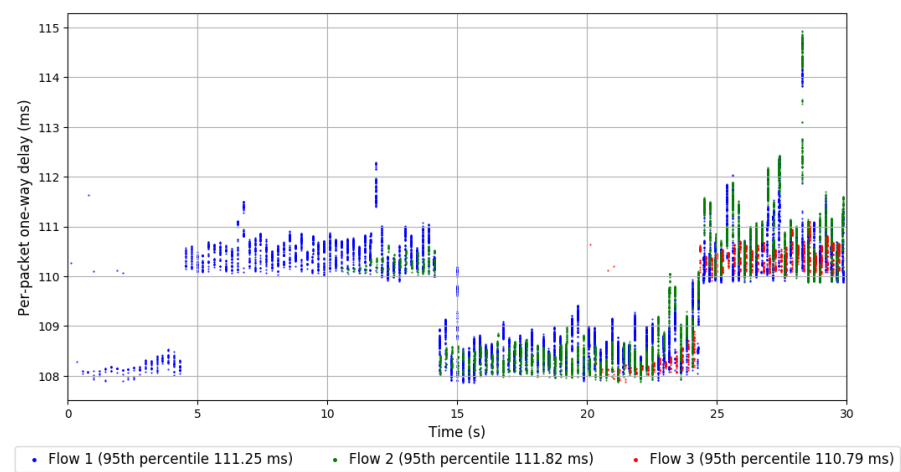
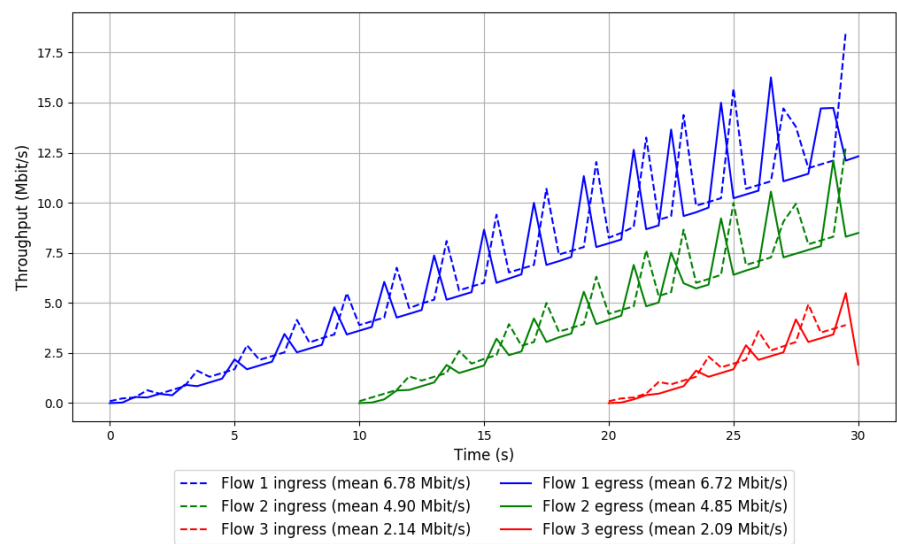


Run 6: Statistics of LEDBAT

Start at: 2018-07-04 05:58:57
End at: 2018-07-04 05:59:27
Local clock offset: -1.326 ms
Remote clock offset: -0.568 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 111.421 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 111.246 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 111.818 ms
Loss rate: 2.21%
-- Flow 3:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 110.786 ms
Loss rate: 4.70%

Run 6: Report of LEDBAT — Data Link

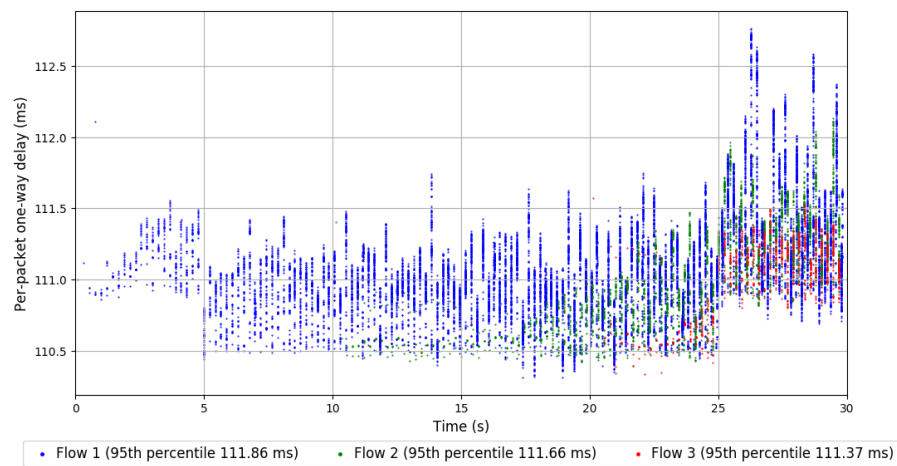
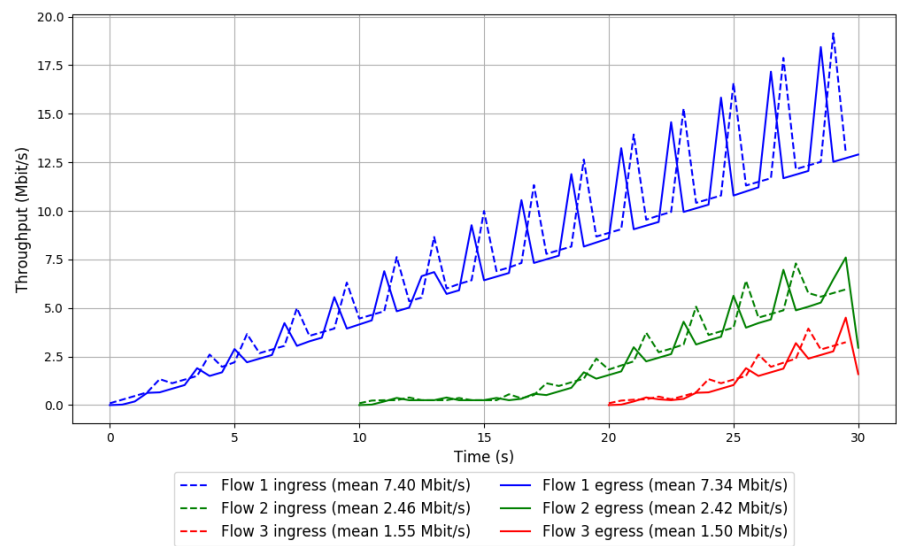


Run 7: Statistics of LEDBAT

Start at: 2018-07-04 06:24:57
End at: 2018-07-04 06:25:27
Local clock offset: -0.116 ms
Remote clock offset: -0.168 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.41 Mbit/s
95th percentile per-packet one-way delay: 111.805 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 111.857 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 111.663 ms
Loss rate: 3.08%
-- Flow 3:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 111.372 ms
Loss rate: 5.42%

Run 7: Report of LEDBAT — Data Link

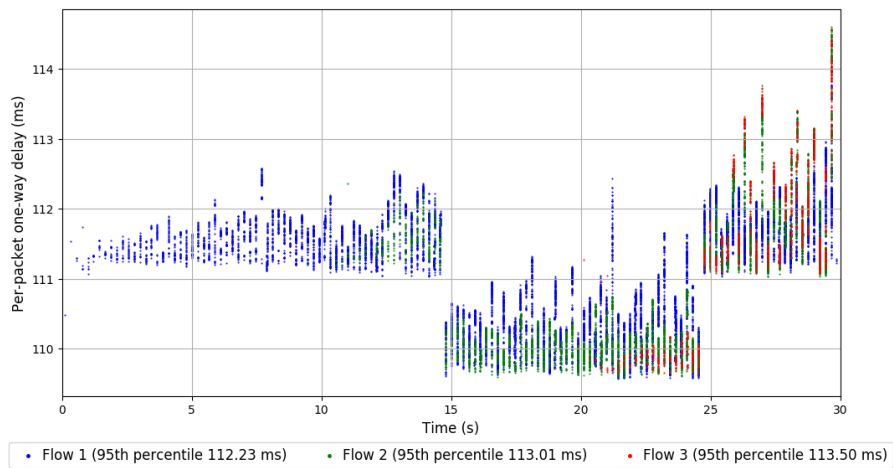
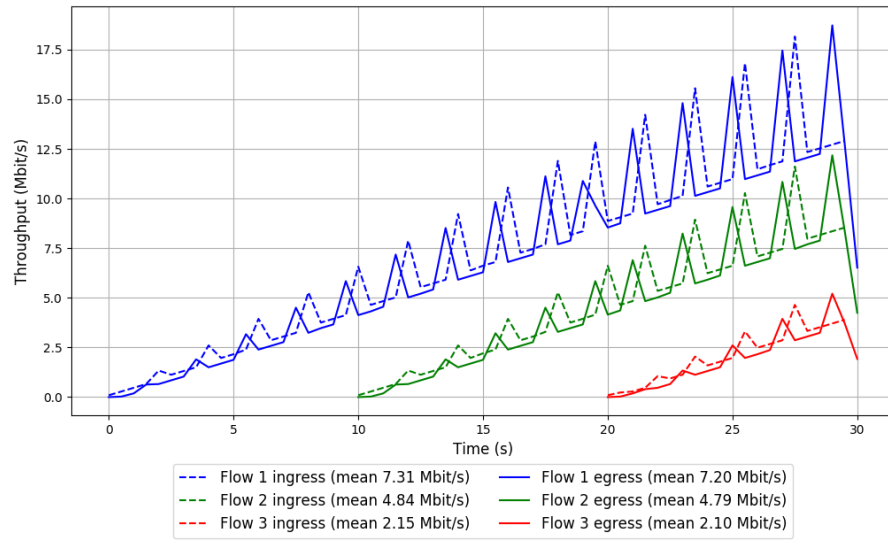


Run 8: Statistics of LEDBAT

Start at: 2018-07-04 06:51:47
End at: 2018-07-04 06:52:17
Local clock offset: 0.127 ms
Remote clock offset: -0.226 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 112.534 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 112.227 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 4.79 Mbit/s
95th percentile per-packet one-way delay: 113.012 ms
Loss rate: 2.24%
-- Flow 3:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 113.496 ms
Loss rate: 4.69%

Run 8: Report of LEDBAT — Data Link

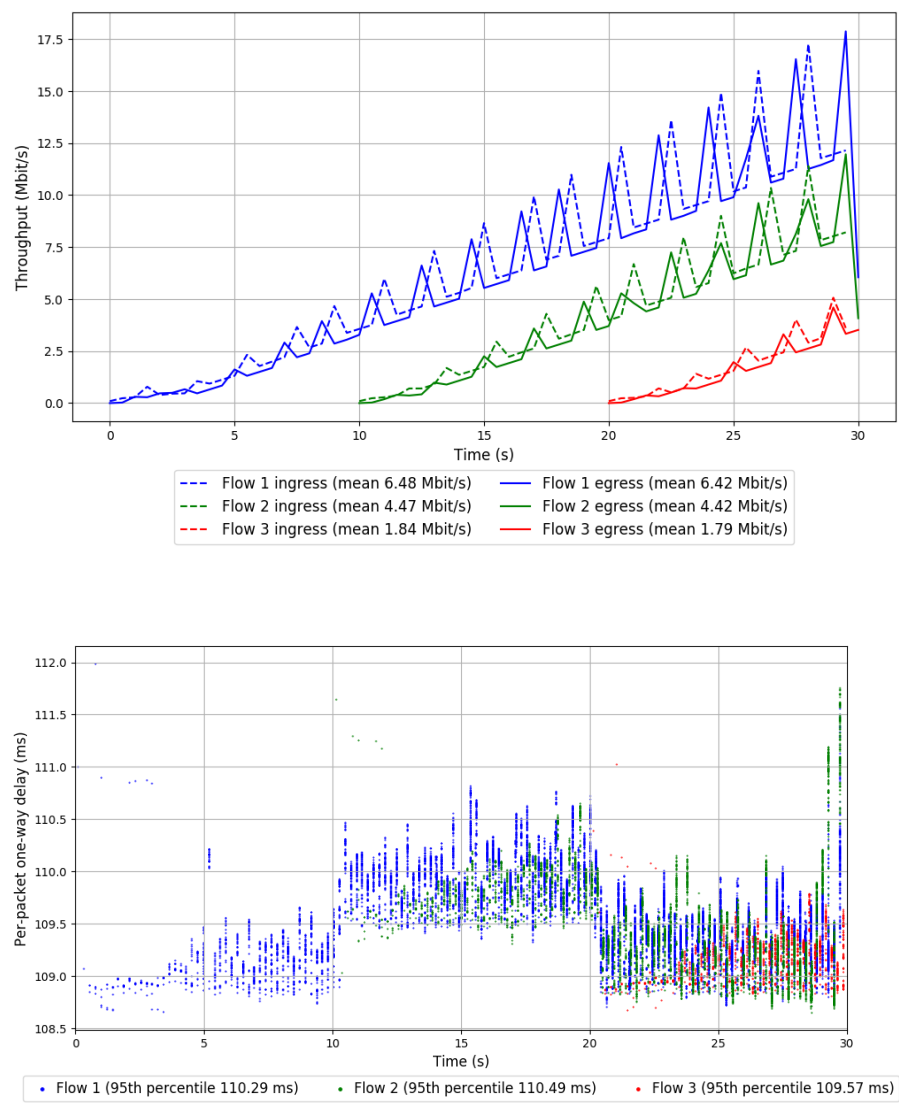


Run 9: Statistics of LEDBAT

Start at: 2018-07-04 07:17:51
End at: 2018-07-04 07:18:21
Local clock offset: -0.19 ms
Remote clock offset: -0.191 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.89 Mbit/s
95th percentile per-packet one-way delay: 110.290 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 110.291 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 110.490 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 109.569 ms
Loss rate: 5.02%

Run 9: Report of LEDBAT — Data Link

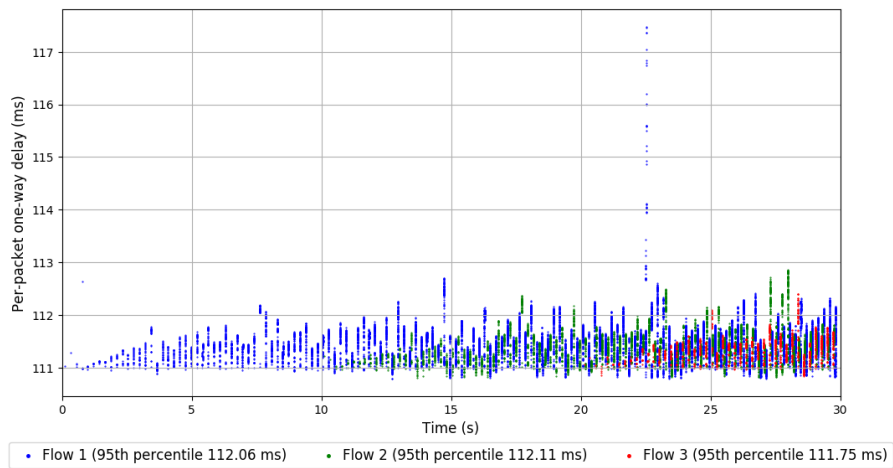
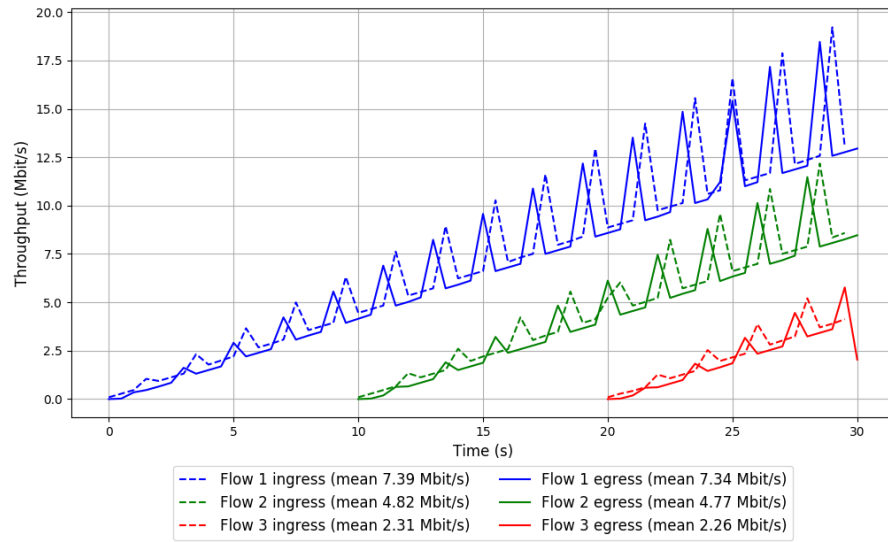


Run 10: Statistics of LEDBAT

Start at: 2018-07-04 07:43:48
End at: 2018-07-04 07:44:18
Local clock offset: -0.094 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 112.065 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 112.063 ms
Loss rate: 1.48%
-- Flow 2:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 112.115 ms
Loss rate: 2.25%
-- Flow 3:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 111.745 ms
Loss rate: 4.60%

Run 10: Report of LEDBAT — Data Link

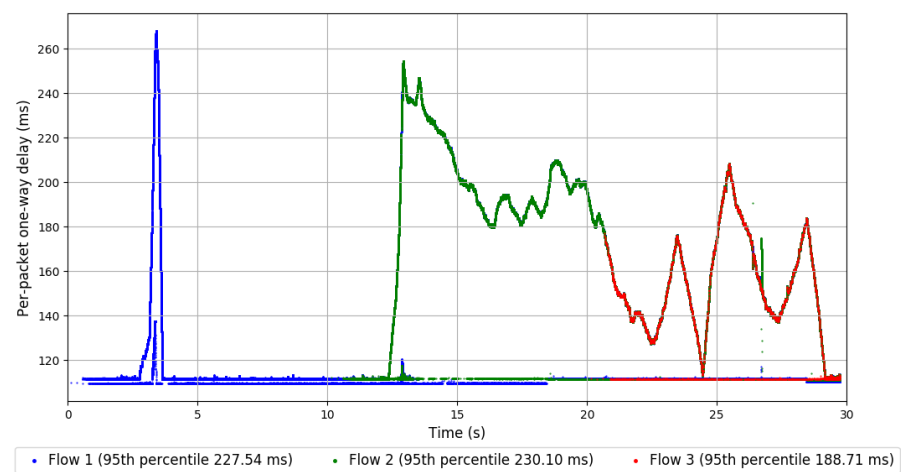
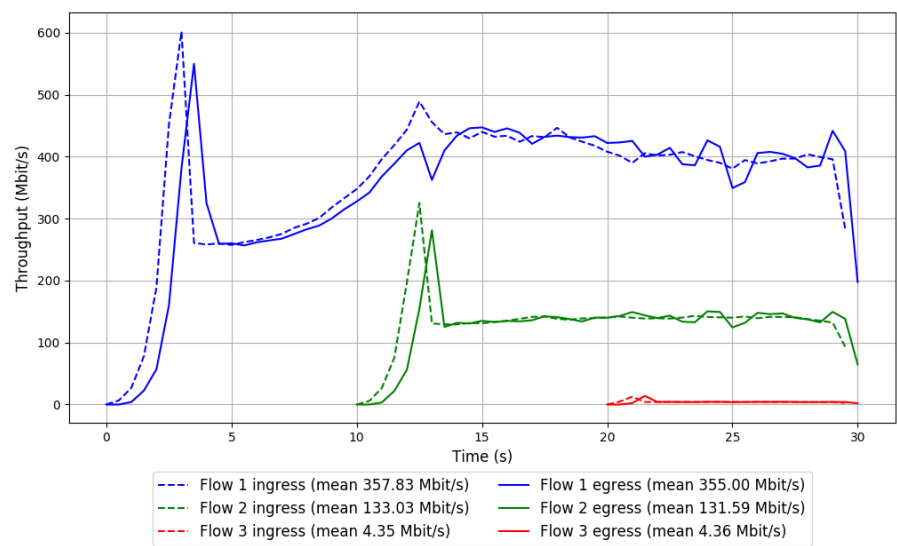


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-04 03:28:33
End at: 2018-07-04 03:29:03
Local clock offset: -0.031 ms
Remote clock offset: -0.218 ms

# Below is generated by plot.py at 2018-07-04 09:29:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 443.45 Mbit/s
95th percentile per-packet one-way delay: 227.954 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 355.00 Mbit/s
95th percentile per-packet one-way delay: 227.540 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 131.59 Mbit/s
95th percentile per-packet one-way delay: 230.104 ms
Loss rate: 2.19%
-- Flow 3:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 188.706 ms
Loss rate: 2.09%
```

Run 1: Report of PCC-Allegro — Data Link

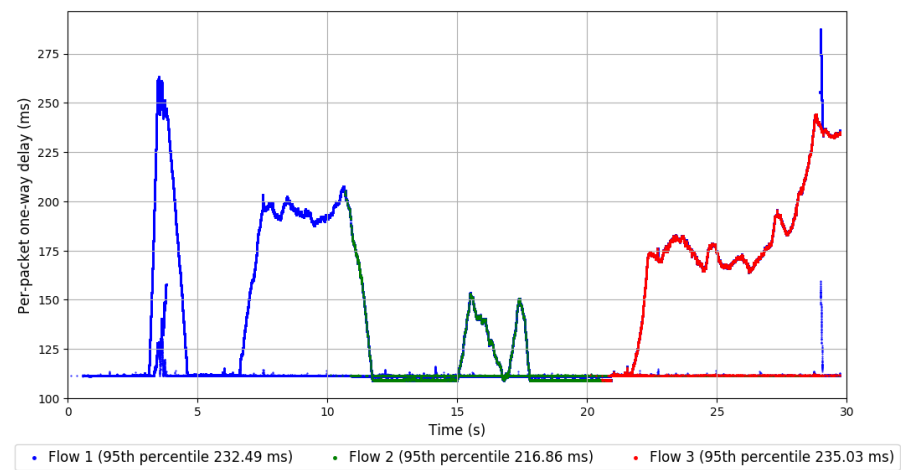
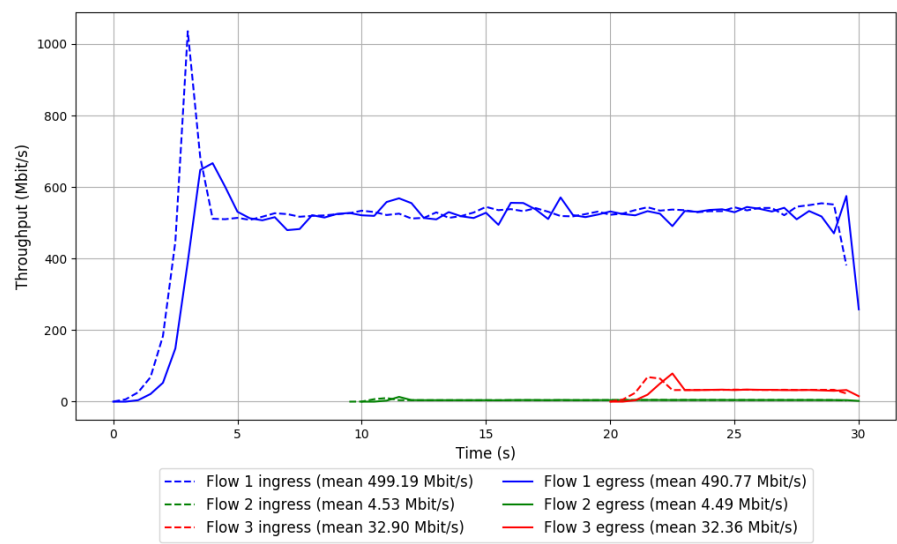


Run 2: Statistics of PCC-Allegro

Start at: 2018-07-04 03:54:50
End at: 2018-07-04 03:55:20
Local clock offset: -0.204 ms
Remote clock offset: -0.519 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 504.24 Mbit/s
95th percentile per-packet one-way delay: 232.636 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 490.77 Mbit/s
95th percentile per-packet one-way delay: 232.490 ms
Loss rate: 2.42%
-- Flow 2:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 216.863 ms
Loss rate: 2.00%
-- Flow 3:
Average throughput: 32.36 Mbit/s
95th percentile per-packet one-way delay: 235.027 ms
Loss rate: 3.88%

Run 2: Report of PCC-Allegro — Data Link

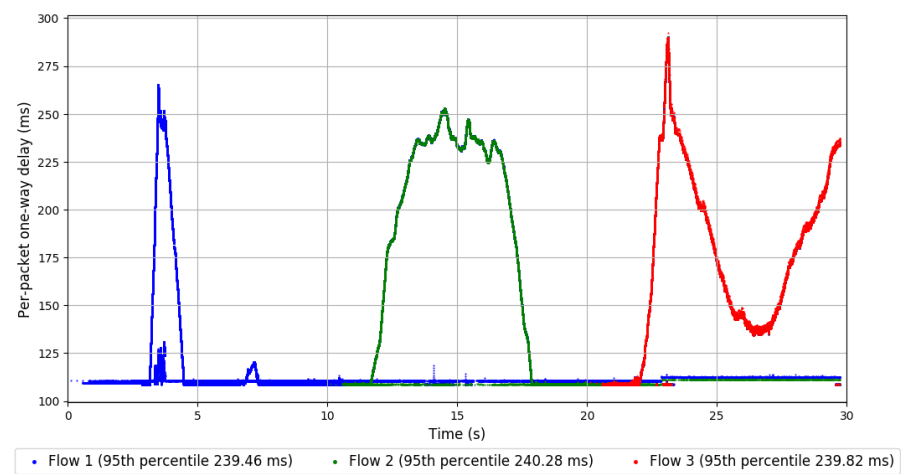
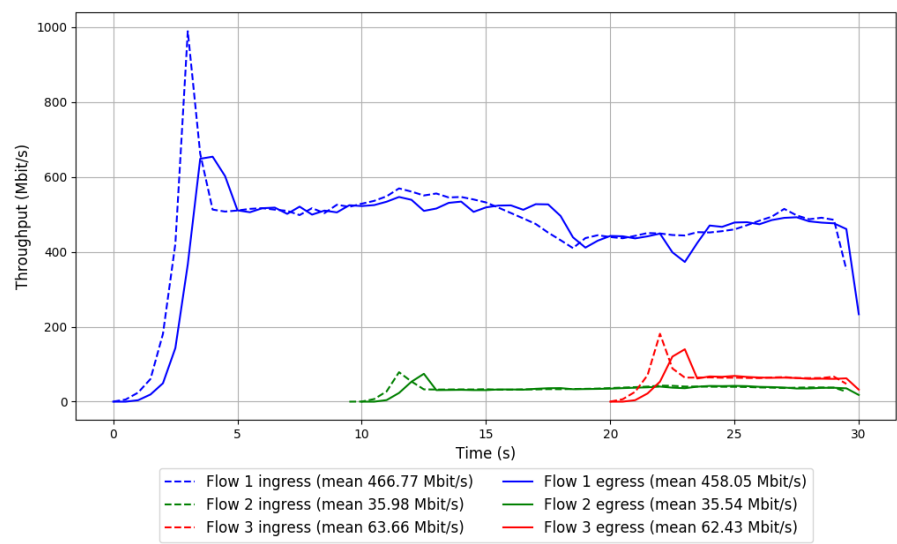


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-04 04:20:58
End at: 2018-07-04 04:21:28
Local clock offset: -0.16 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-04 09:29:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 501.88 Mbit/s
95th percentile per-packet one-way delay: 239.534 ms
Loss rate: 2.65%
-- Flow 1:
Average throughput: 458.05 Mbit/s
95th percentile per-packet one-way delay: 239.463 ms
Loss rate: 2.60%
-- Flow 2:
Average throughput: 35.54 Mbit/s
95th percentile per-packet one-way delay: 240.280 ms
Loss rate: 2.31%
-- Flow 3:
Average throughput: 62.43 Mbit/s
95th percentile per-packet one-way delay: 239.821 ms
Loss rate: 4.14%

Run 3: Report of PCC-Allegro — Data Link

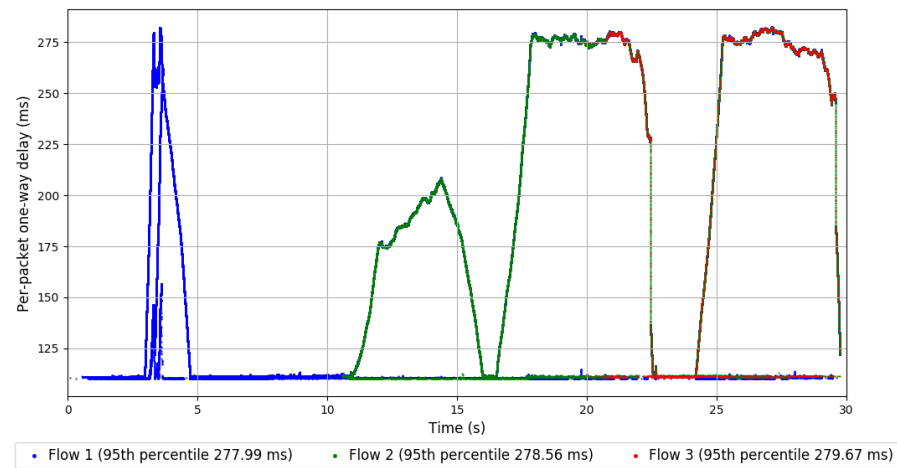
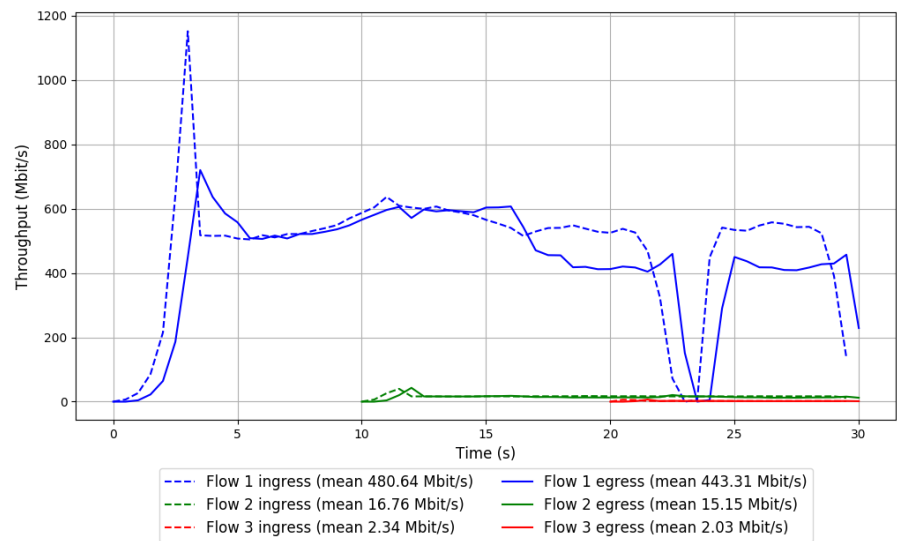


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-04 04:47:44
End at: 2018-07-04 04:48:14
Local clock offset: 0.182 ms
Remote clock offset: -0.258 ms

```
# Below is generated by plot.py at 2018-07-04 09:29:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 454.00 Mbit/s
95th percentile per-packet one-way delay: 278.034 ms
Loss rate: 8.40%
-- Flow 1:
Average throughput: 443.31 Mbit/s
95th percentile per-packet one-way delay: 277.994 ms
Loss rate: 8.33%
-- Flow 2:
Average throughput: 15.15 Mbit/s
95th percentile per-packet one-way delay: 278.560 ms
Loss rate: 10.65%
-- Flow 3:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 279.673 ms
Loss rate: 15.35%
```

Run 4: Report of PCC-Allegro — Data Link

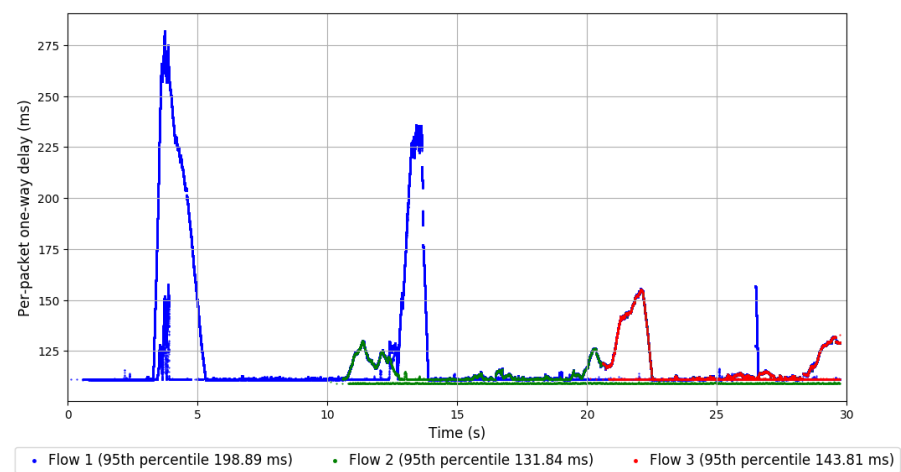
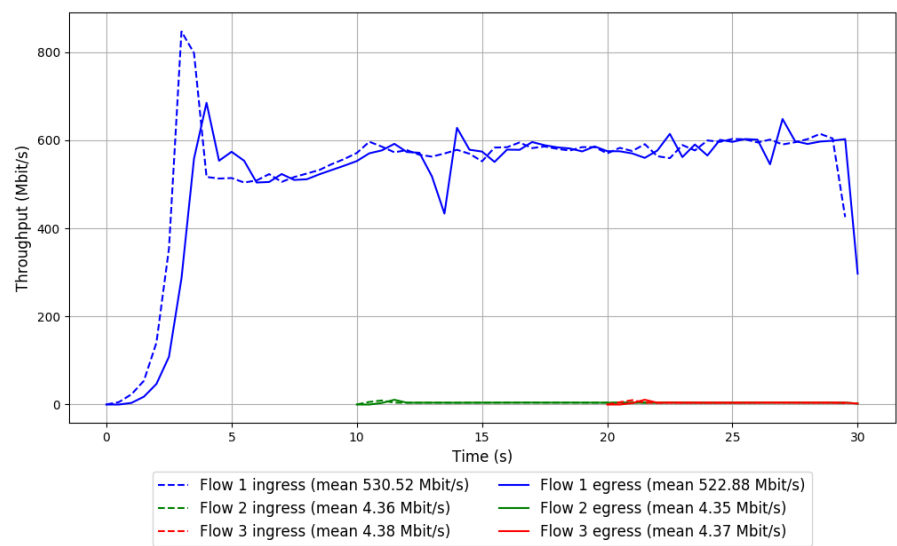


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-04 05:14:15
End at: 2018-07-04 05:14:45
Local clock offset: 0.061 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-07-04 09:31:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 527.11 Mbit/s
95th percentile per-packet one-way delay: 197.936 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 522.88 Mbit/s
95th percentile per-packet one-way delay: 198.889 ms
Loss rate: 2.17%
-- Flow 2:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 131.842 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 143.815 ms
Loss rate: 2.44%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-04 05:40:27

End at: 2018-07-04 05:40:57

Local clock offset: 1.216 ms

Remote clock offset: -0.24 ms

Below is generated by plot.py at 2018-07-04 09:31:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 471.07 Mbit/s

95th percentile per-packet one-way delay: 268.928 ms

Loss rate: 4.76%

-- Flow 1:

Average throughput: 460.17 Mbit/s

95th percentile per-packet one-way delay: 268.897 ms

Loss rate: 4.75%

-- Flow 2:

Average throughput: 15.49 Mbit/s

95th percentile per-packet one-way delay: 269.590 ms

Loss rate: 4.81%

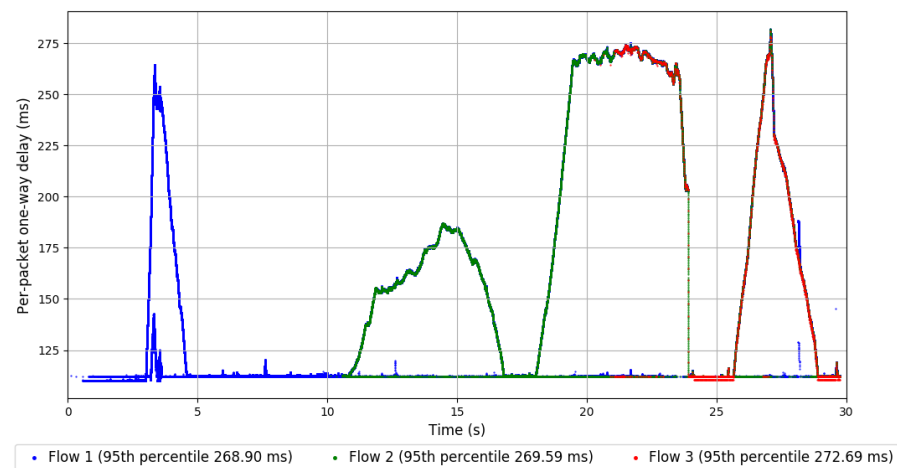
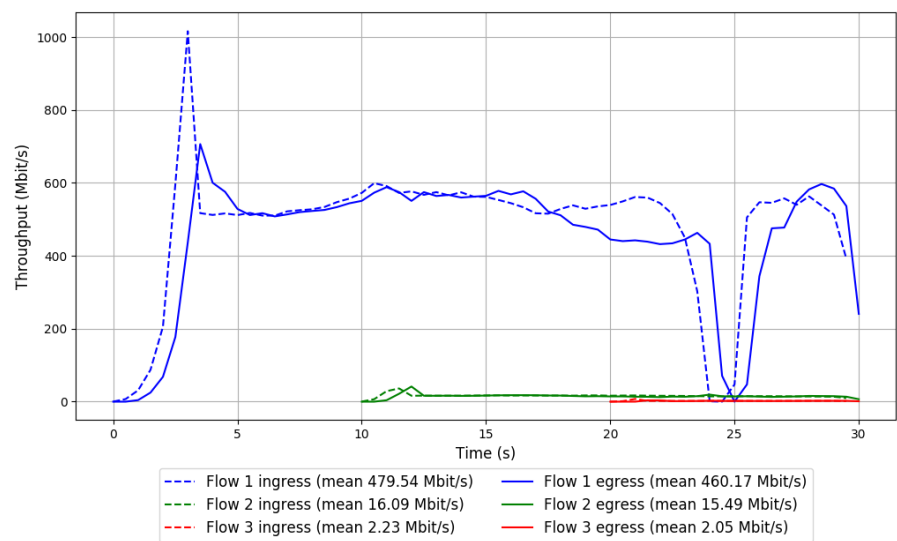
-- Flow 3:

Average throughput: 2.05 Mbit/s

95th percentile per-packet one-way delay: 272.691 ms

Loss rate: 11.52%

Run 6: Report of PCC-Allegro — Data Link

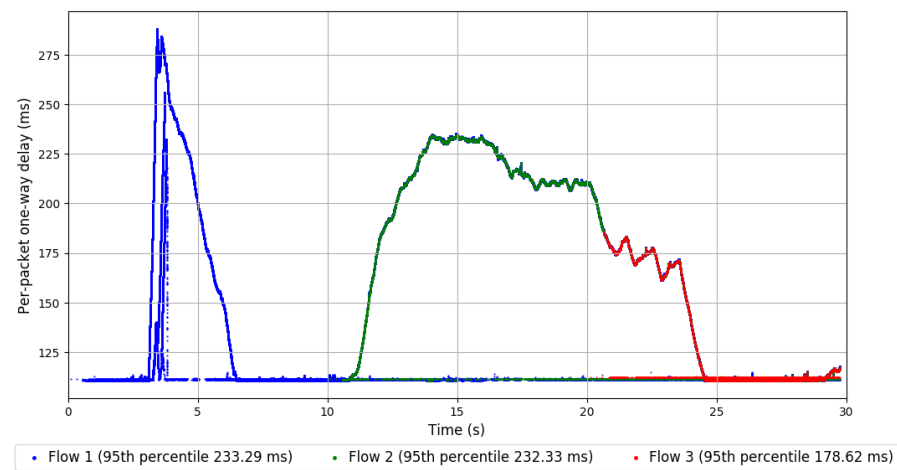
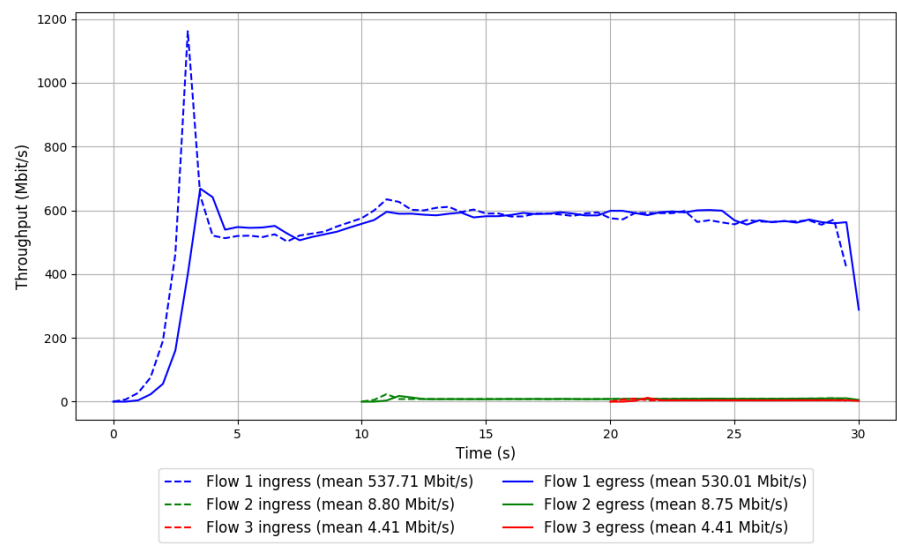


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-04 06:06:12
End at: 2018-07-04 06:06:42
Local clock offset: -0.221 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-04 09:35:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 537.23 Mbit/s
95th percentile per-packet one-way delay: 233.282 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 530.01 Mbit/s
95th percentile per-packet one-way delay: 233.295 ms
Loss rate: 2.16%
-- Flow 2:
Average throughput: 8.75 Mbit/s
95th percentile per-packet one-way delay: 232.328 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 178.616 ms
Loss rate: 2.28%

Run 7: Report of PCC-Allegro — Data Link

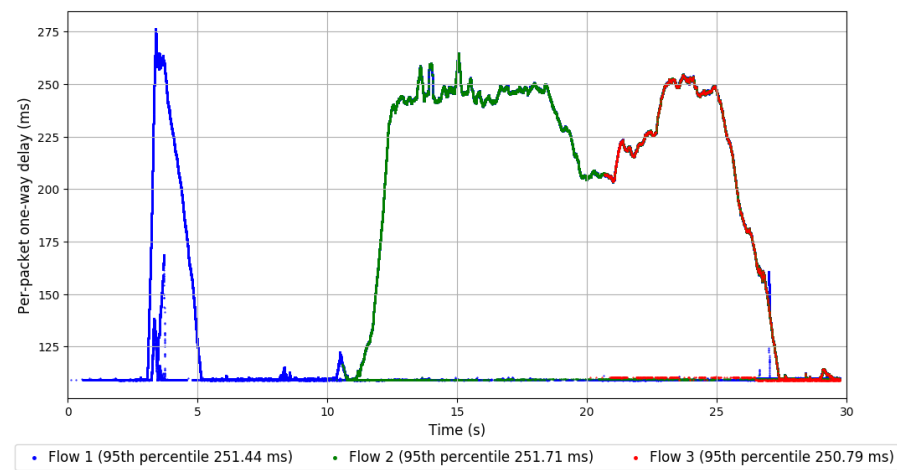
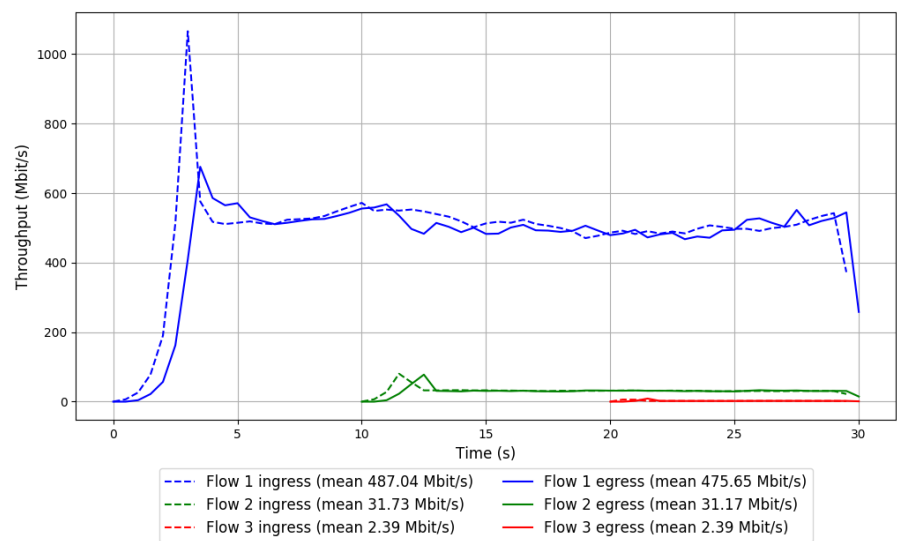


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-04 06:32:35
End at: 2018-07-04 06:33:05
Local clock offset: -1.17 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-07-04 09:36:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 497.07 Mbit/s
95th percentile per-packet one-way delay: 251.460 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 475.65 Mbit/s
95th percentile per-packet one-way delay: 251.445 ms
Loss rate: 3.06%
-- Flow 2:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 251.709 ms
Loss rate: 2.83%
-- Flow 3:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 250.795 ms
Loss rate: 2.45%

Run 8: Report of PCC-Allegro — Data Link

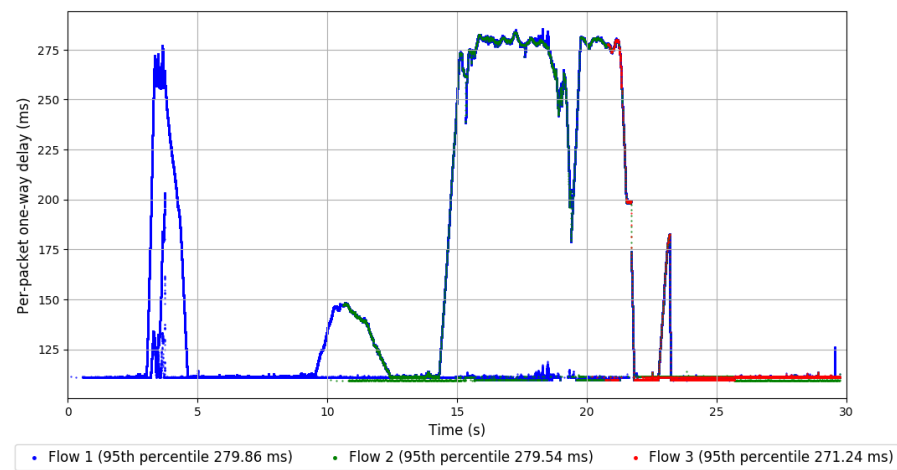
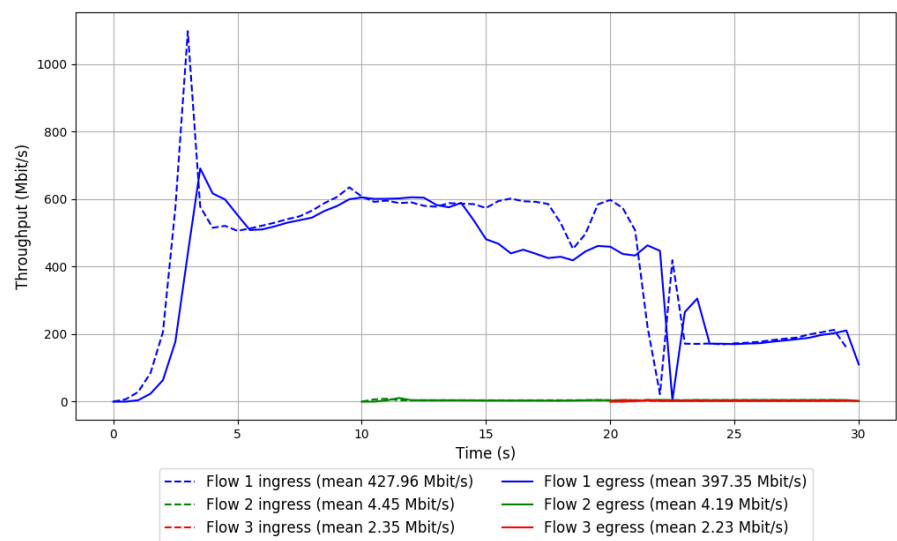


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-04 06:59:06
End at: 2018-07-04 06:59:36
Local clock offset: 0.057 ms
Remote clock offset: -0.216 ms

Below is generated by plot.py at 2018-07-04 09:36:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 400.84 Mbit/s
95th percentile per-packet one-way delay: 279.855 ms
Loss rate: 7.82%
-- Flow 1:
Average throughput: 397.35 Mbit/s
95th percentile per-packet one-way delay: 279.860 ms
Loss rate: 7.83%
-- Flow 2:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 279.539 ms
Loss rate: 6.81%
-- Flow 3:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 271.240 ms
Loss rate: 7.12%

Run 9: Report of PCC-Allegro — Data Link

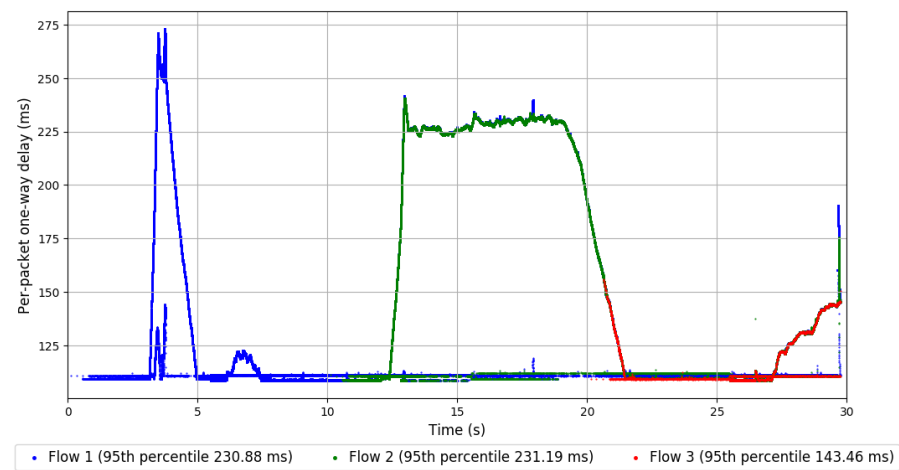
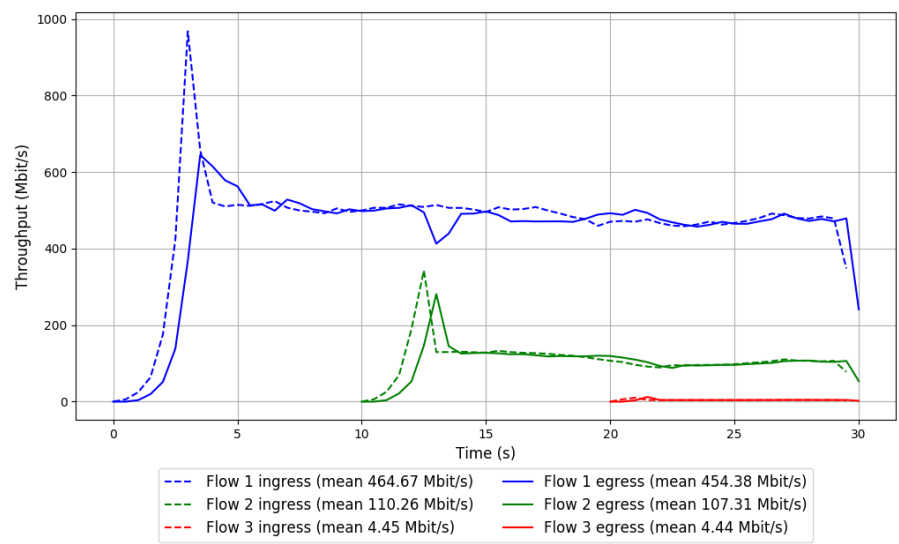


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-04 07:25:06
End at: 2018-07-04 07:25:36
Local clock offset: -0.243 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-07-04 09:37:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 526.80 Mbit/s
95th percentile per-packet one-way delay: 230.970 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 454.38 Mbit/s
95th percentile per-packet one-way delay: 230.884 ms
Loss rate: 2.94%
-- Flow 2:
Average throughput: 107.31 Mbit/s
95th percentile per-packet one-way delay: 231.186 ms
Loss rate: 3.75%
-- Flow 3:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 143.464 ms
Loss rate: 2.46%

Run 10: Report of PCC-Allegro — Data Link

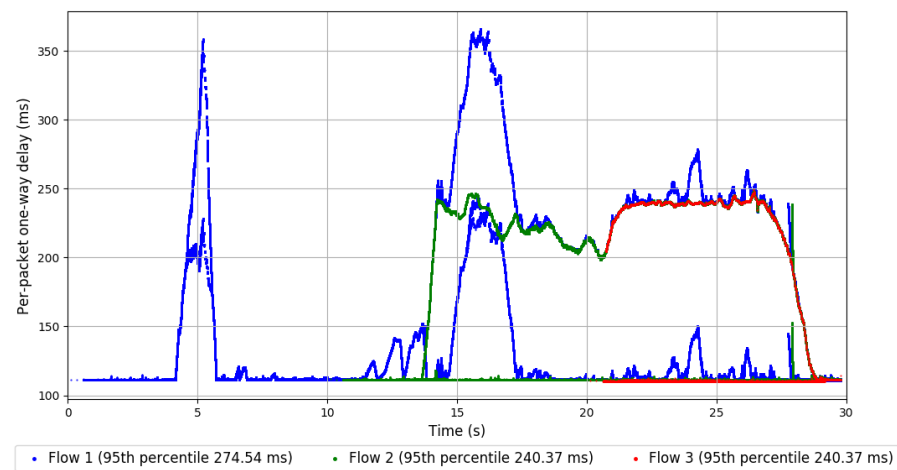
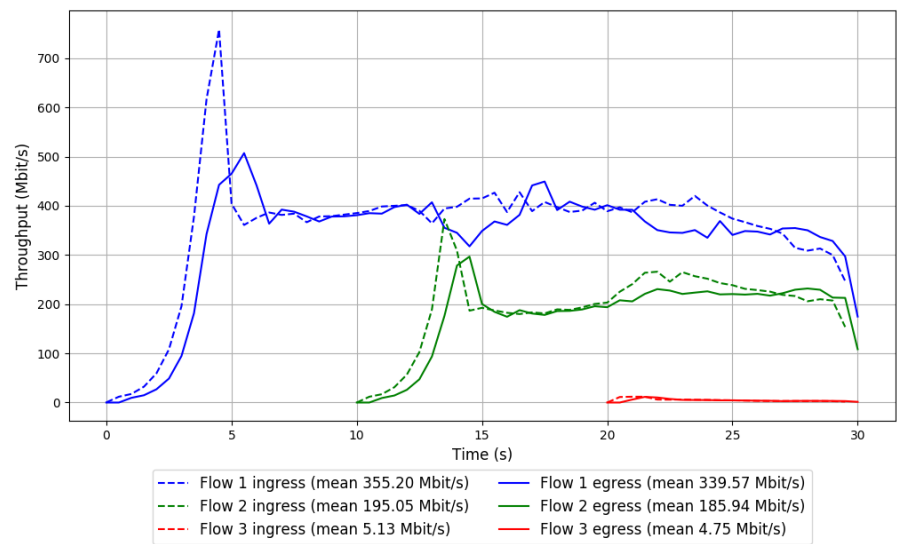


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-04 03:39:22
End at: 2018-07-04 03:39:52
Local clock offset: -0.05 ms
Remote clock offset: -0.186 ms

# Below is generated by plot.py at 2018-07-04 09:43:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 464.21 Mbit/s
95th percentile per-packet one-way delay: 254.003 ms
Loss rate: 5.30%
-- Flow 1:
Average throughput: 339.57 Mbit/s
95th percentile per-packet one-way delay: 274.542 ms
Loss rate: 5.11%
-- Flow 2:
Average throughput: 185.94 Mbit/s
95th percentile per-packet one-way delay: 240.368 ms
Loss rate: 5.75%
-- Flow 3:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 240.371 ms
Loss rate: 9.32%
```


Run 1: Report of PCC-Expr — Data Link

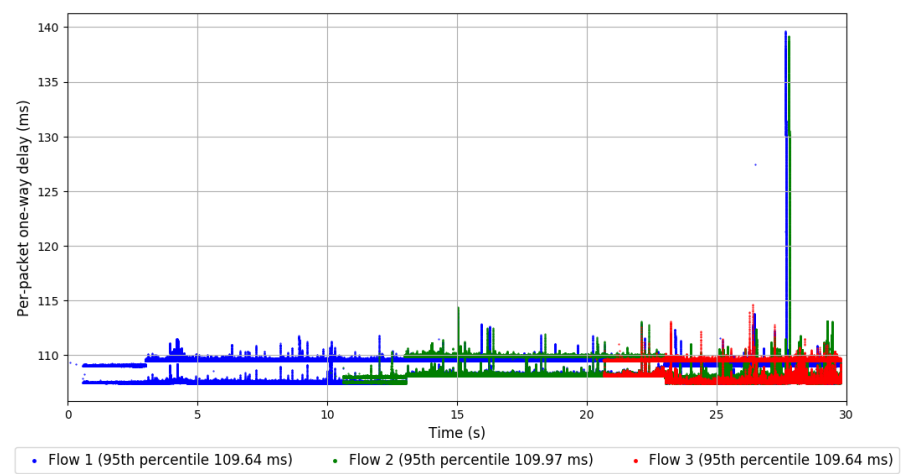
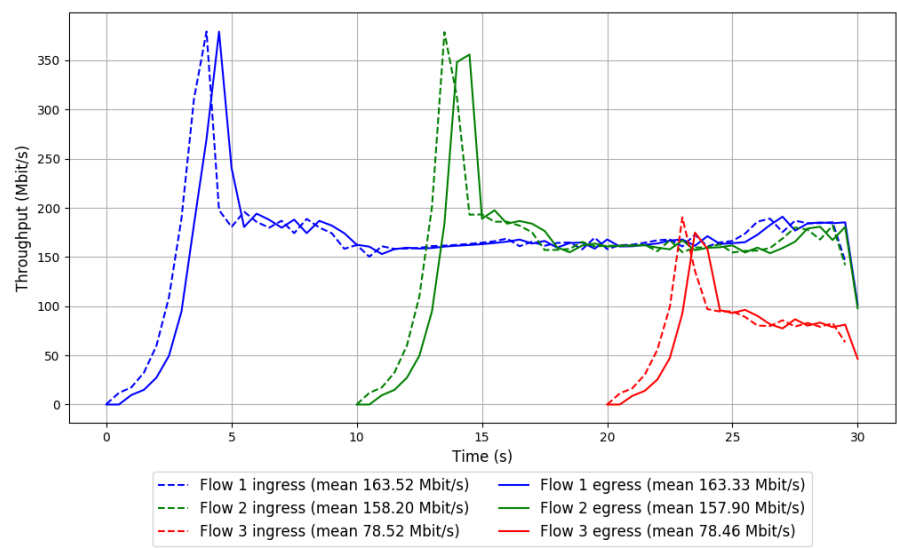


Run 2: Statistics of PCC-Expr

Start at: 2018-07-04 04:05:48
End at: 2018-07-04 04:06:18
Local clock offset: -1.365 ms
Remote clock offset: -0.186 ms

Below is generated by plot.py at 2018-07-04 09:43:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 293.46 Mbit/s
95th percentile per-packet one-way delay: 109.916 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 163.33 Mbit/s
95th percentile per-packet one-way delay: 109.636 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 157.90 Mbit/s
95th percentile per-packet one-way delay: 109.965 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 78.46 Mbit/s
95th percentile per-packet one-way delay: 109.637 ms
Loss rate: 2.33%

Run 2: Report of PCC-Expr — Data Link

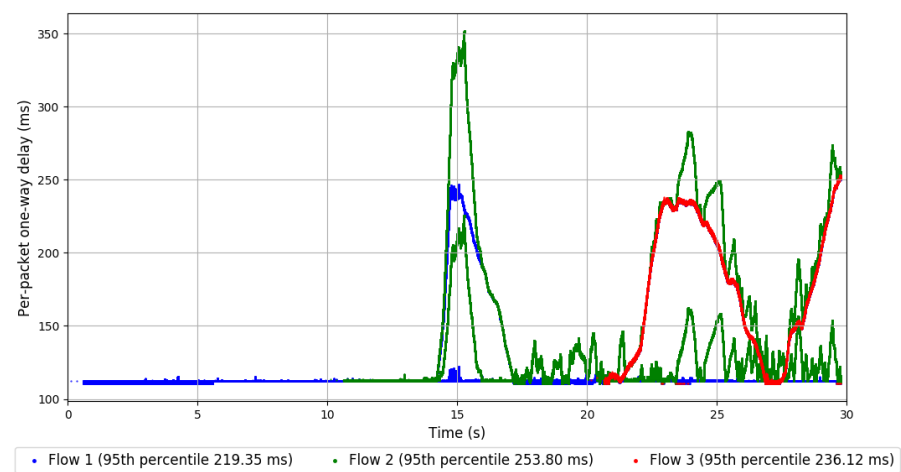
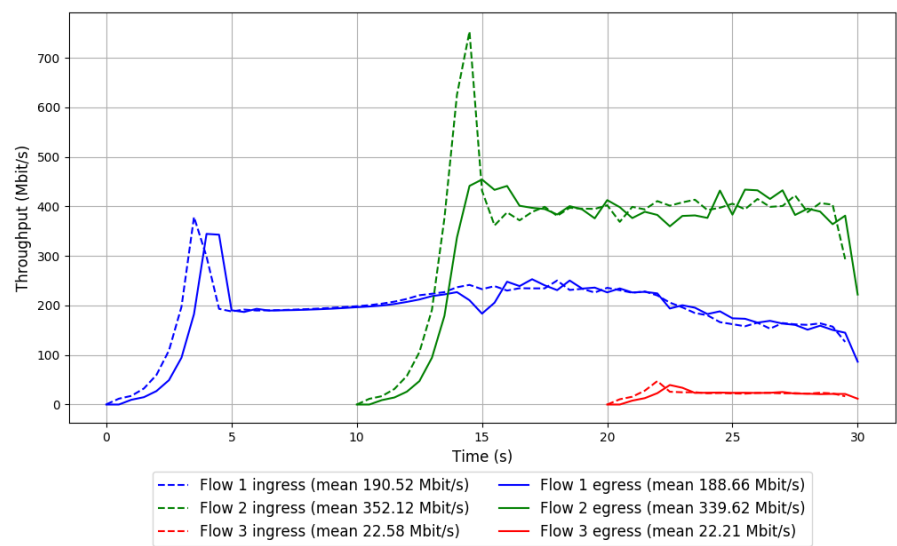


Run 3: Statistics of PCC-Expr

Start at: 2018-07-04 04:32:06
End at: 2018-07-04 04:32:36
Local clock offset: 1.32 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2018-07-04 09:43:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 420.85 Mbit/s
95th percentile per-packet one-way delay: 236.101 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 188.66 Mbit/s
95th percentile per-packet one-way delay: 219.348 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 339.62 Mbit/s
95th percentile per-packet one-way delay: 253.804 ms
Loss rate: 4.63%
-- Flow 3:
Average throughput: 22.21 Mbit/s
95th percentile per-packet one-way delay: 236.119 ms
Loss rate: 3.83%

Run 3: Report of PCC-Expr — Data Link

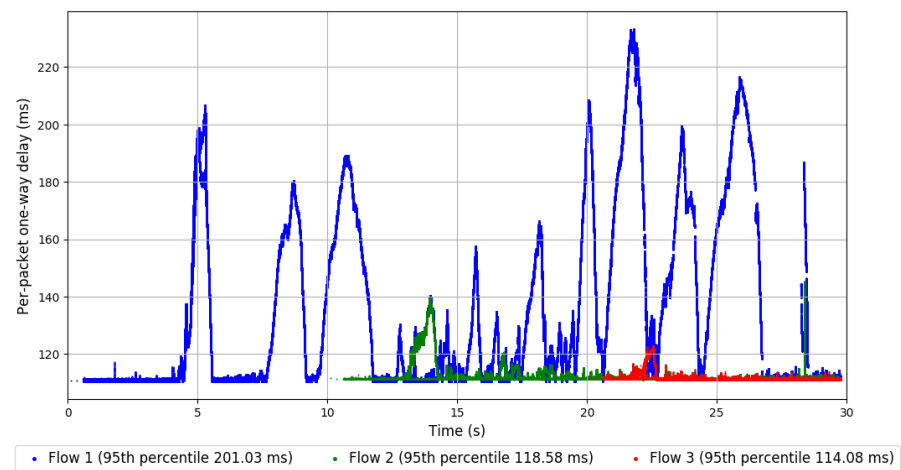
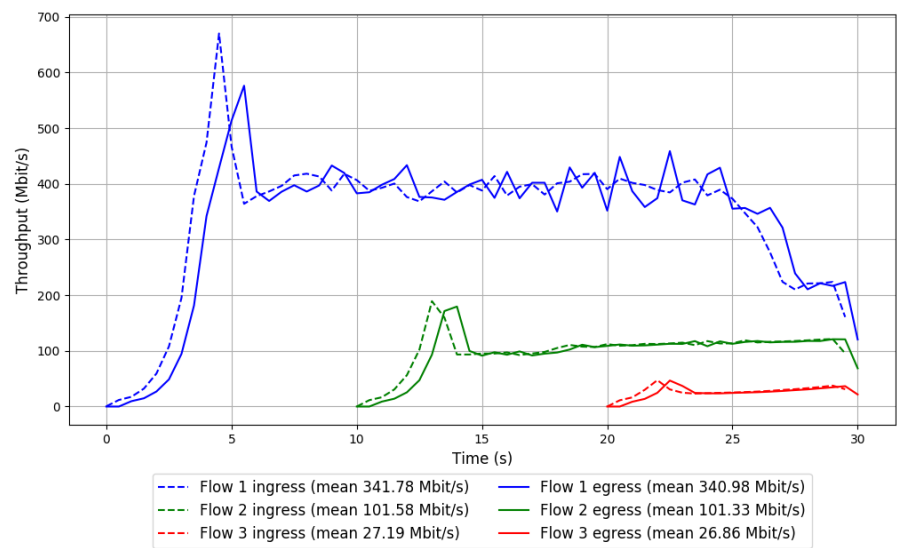


Run 4: Statistics of PCC-Expr

Start at: 2018-07-04 04:58:49
End at: 2018-07-04 04:59:19
Local clock offset: -0.015 ms
Remote clock offset: -0.609 ms

Below is generated by plot.py at 2018-07-04 09:44:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 416.83 Mbit/s
95th percentile per-packet one-way delay: 196.816 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 340.98 Mbit/s
95th percentile per-packet one-way delay: 201.031 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 101.33 Mbit/s
95th percentile per-packet one-way delay: 118.585 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 114.078 ms
Loss rate: 3.41%

Run 4: Report of PCC-Expr — Data Link

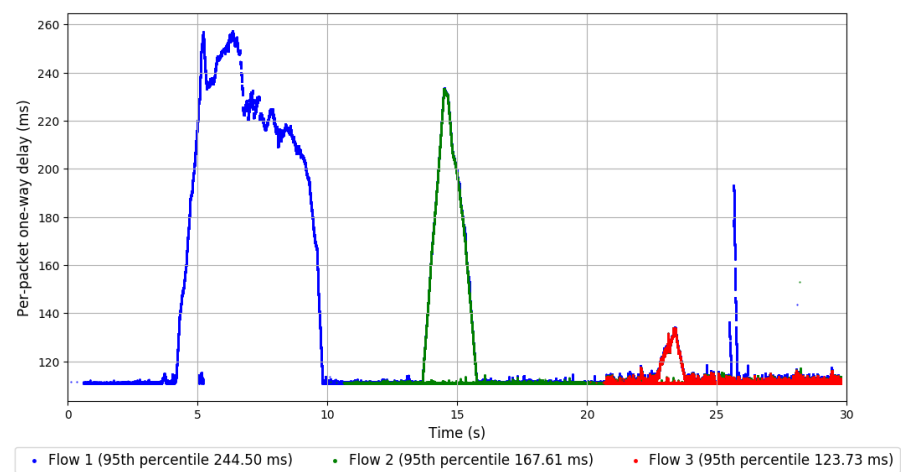
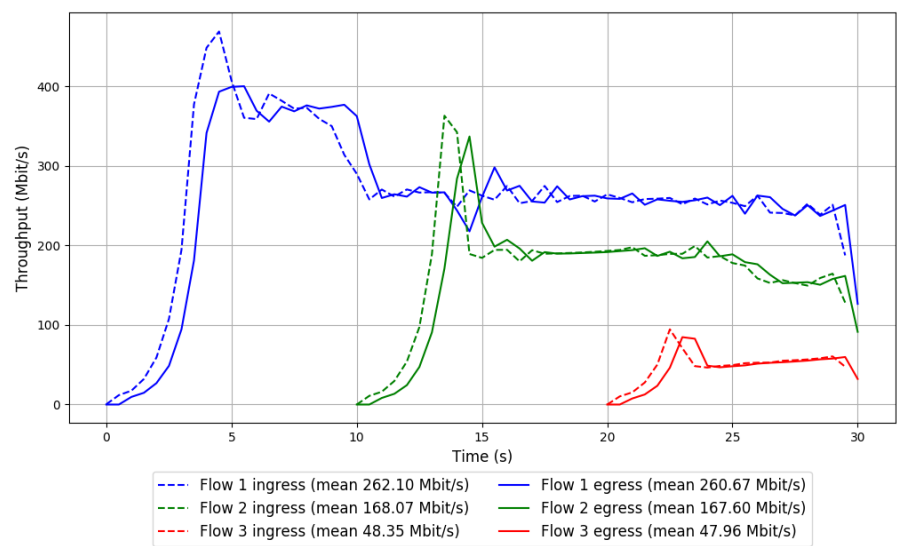


Run 5: Statistics of PCC-Expr

Start at: 2018-07-04 05:25:06
End at: 2018-07-04 05:25:36
Local clock offset: 0.076 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2018-07-04 09:47:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 387.29 Mbit/s
95th percentile per-packet one-way delay: 234.997 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 260.67 Mbit/s
95th percentile per-packet one-way delay: 244.505 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 167.60 Mbit/s
95th percentile per-packet one-way delay: 167.606 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 47.96 Mbit/s
95th percentile per-packet one-way delay: 123.734 ms
Loss rate: 3.05%

Run 5: Report of PCC-Expr — Data Link

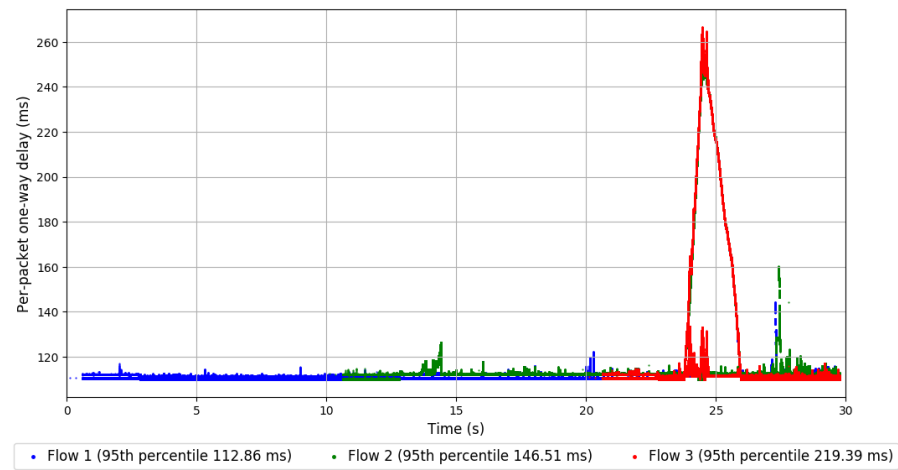
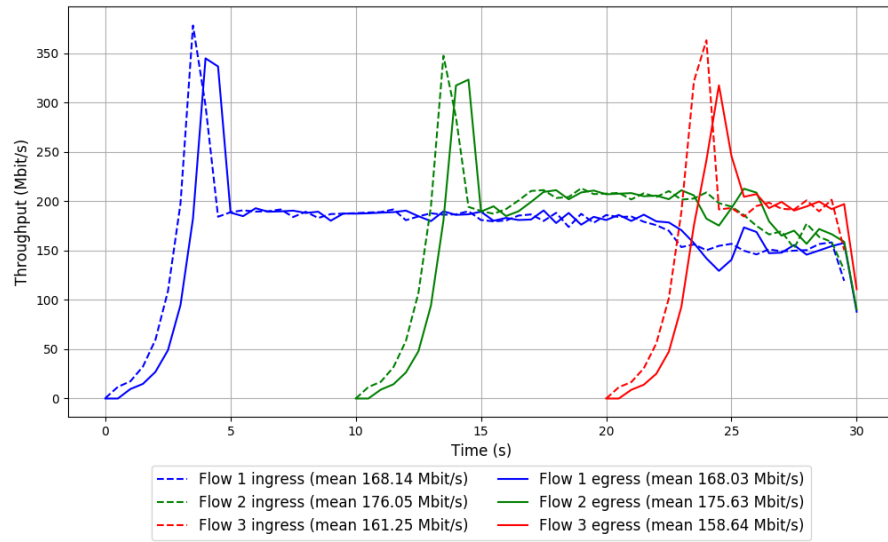


Run 6: Statistics of PCC-Expr

Start at: 2018-07-04 05:51:19
End at: 2018-07-04 05:51:49
Local clock offset: 1.219 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-07-04 09:47:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 335.90 Mbit/s
95th percentile per-packet one-way delay: 150.969 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 168.03 Mbit/s
95th percentile per-packet one-way delay: 112.860 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 175.63 Mbit/s
95th percentile per-packet one-way delay: 146.512 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 158.64 Mbit/s
95th percentile per-packet one-way delay: 219.391 ms
Loss rate: 3.84%

Run 6: Report of PCC-Expr — Data Link

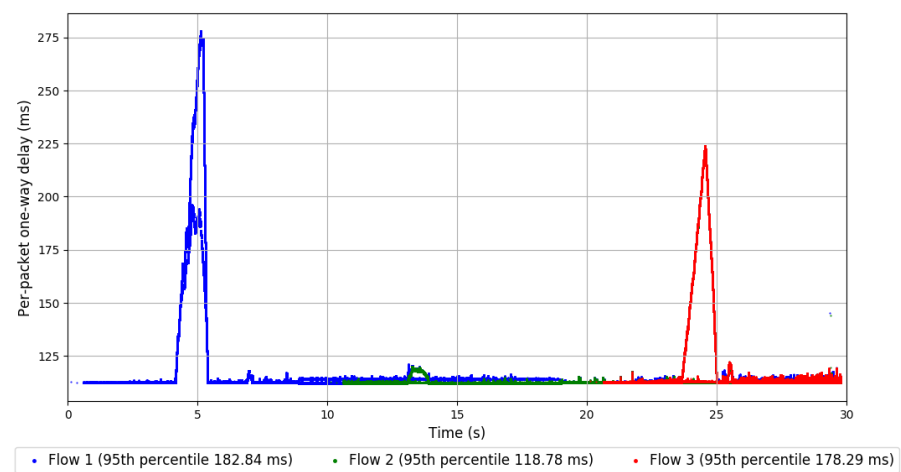
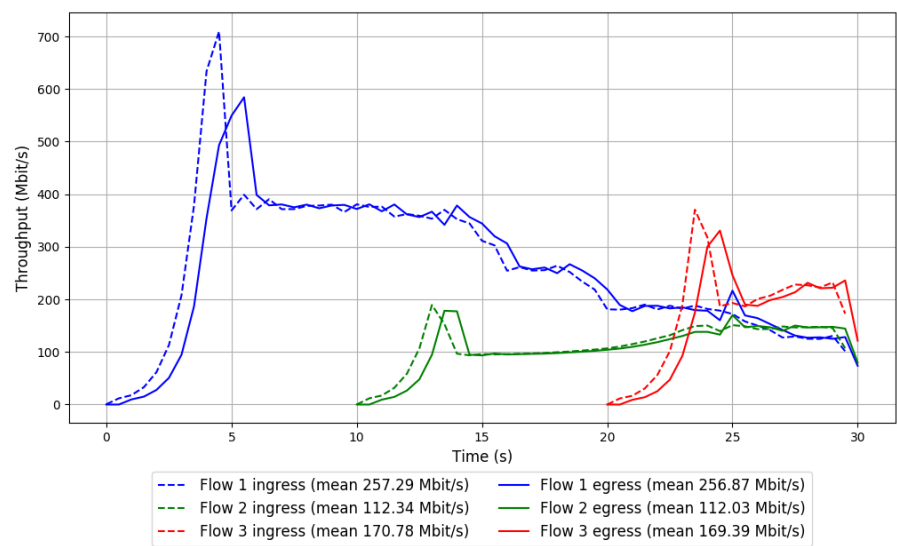


Run 7: Statistics of PCC-Expr

Start at: 2018-07-04 06:16:52
End at: 2018-07-04 06:17:22
Local clock offset: 1.236 ms
Remote clock offset: -0.556 ms

Below is generated by plot.py at 2018-07-04 09:48:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 386.13 Mbit/s
95th percentile per-packet one-way delay: 174.979 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 256.87 Mbit/s
95th percentile per-packet one-way delay: 182.844 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 112.03 Mbit/s
95th percentile per-packet one-way delay: 118.785 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 169.39 Mbit/s
95th percentile per-packet one-way delay: 178.292 ms
Loss rate: 3.03%

Run 7: Report of PCC-Expr — Data Link

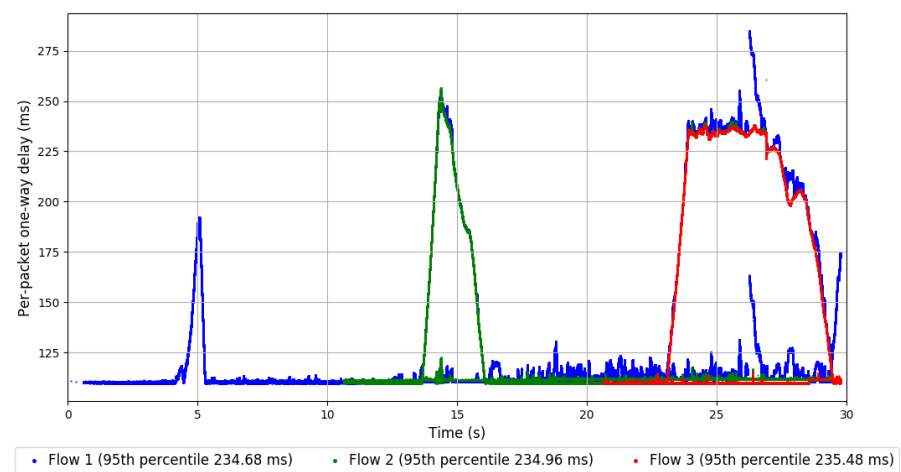
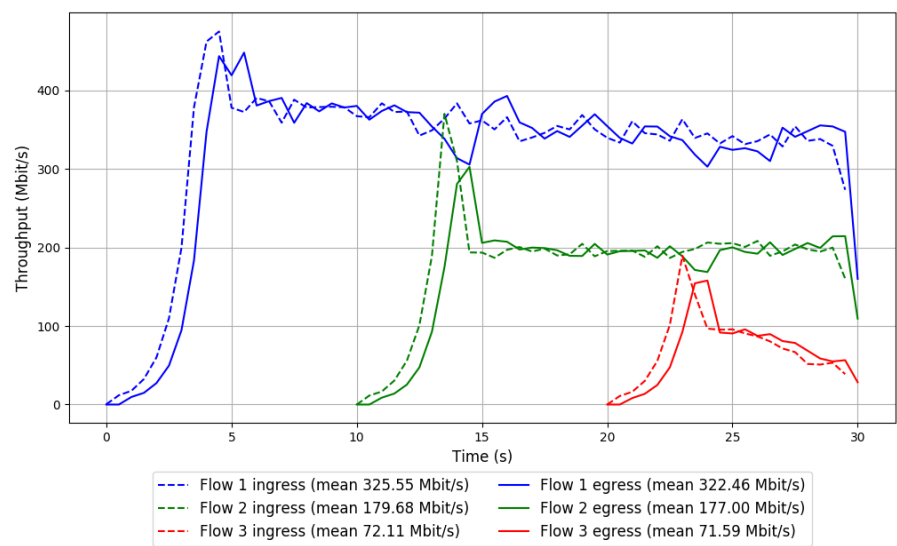


Run 8: Statistics of PCC-Expr

Start at: 2018-07-04 06:43:33
End at: 2018-07-04 06:44:03
Local clock offset: 0.369 ms
Remote clock offset: -0.222 ms

Below is generated by plot.py at 2018-07-04 09:53:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 462.96 Mbit/s
95th percentile per-packet one-way delay: 234.951 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 322.46 Mbit/s
95th percentile per-packet one-way delay: 234.684 ms
Loss rate: 1.68%
-- Flow 2:
Average throughput: 177.00 Mbit/s
95th percentile per-packet one-way delay: 234.955 ms
Loss rate: 2.60%
-- Flow 3:
Average throughput: 71.59 Mbit/s
95th percentile per-packet one-way delay: 235.479 ms
Loss rate: 2.95%

Run 8: Report of PCC-Expr — Data Link

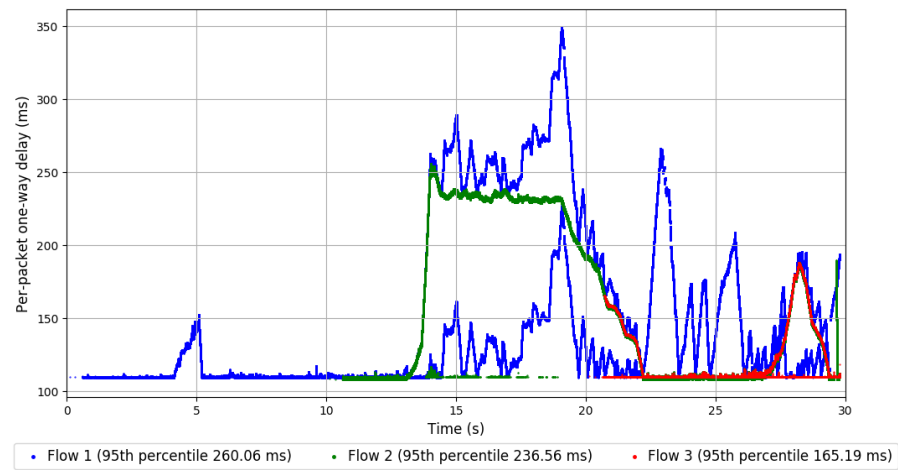
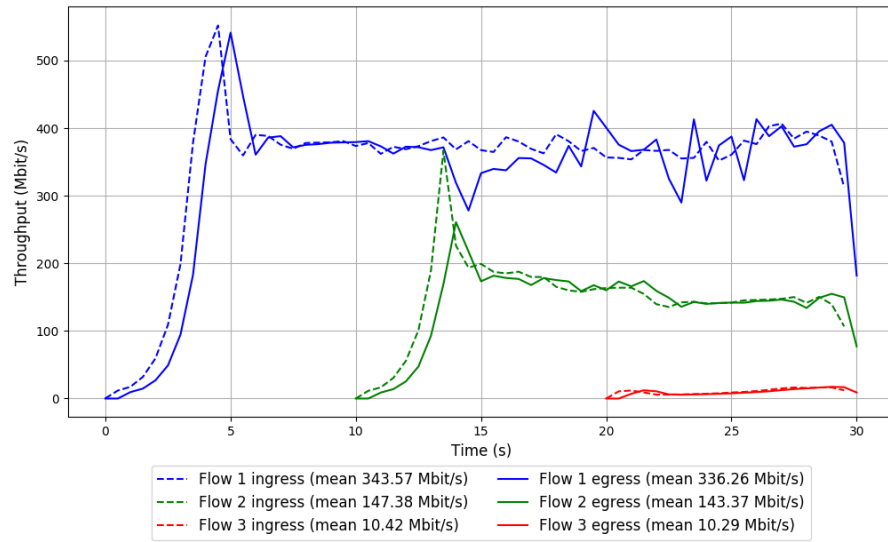


Run 9: Statistics of PCC-Expr

Start at: 2018-07-04 07:09:57
End at: 2018-07-04 07:10:27
Local clock offset: -1.317 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-07-04 09:53:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 434.50 Mbit/s
95th percentile per-packet one-way delay: 252.760 ms
Loss rate: 3.07%
-- Flow 1:
Average throughput: 336.26 Mbit/s
95th percentile per-packet one-way delay: 260.063 ms
Loss rate: 2.85%
-- Flow 2:
Average throughput: 143.37 Mbit/s
95th percentile per-packet one-way delay: 236.565 ms
Loss rate: 3.81%
-- Flow 3:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 165.192 ms
Loss rate: 3.39%

Run 9: Report of PCC-Expr — Data Link

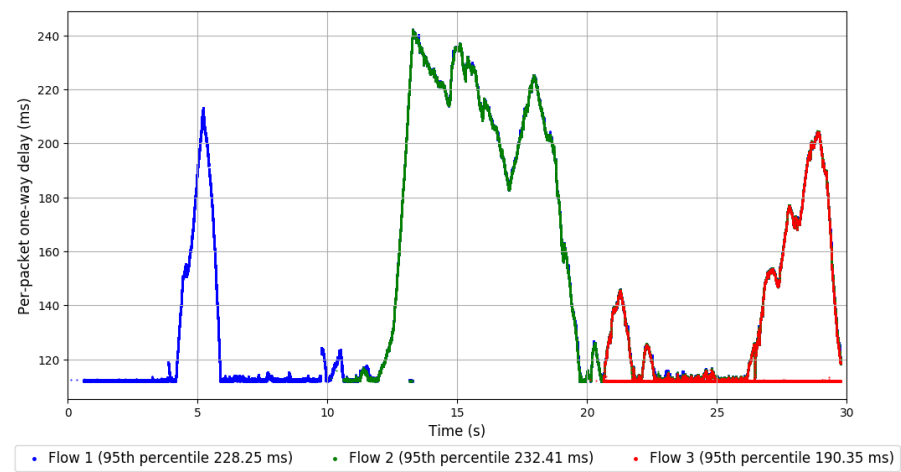
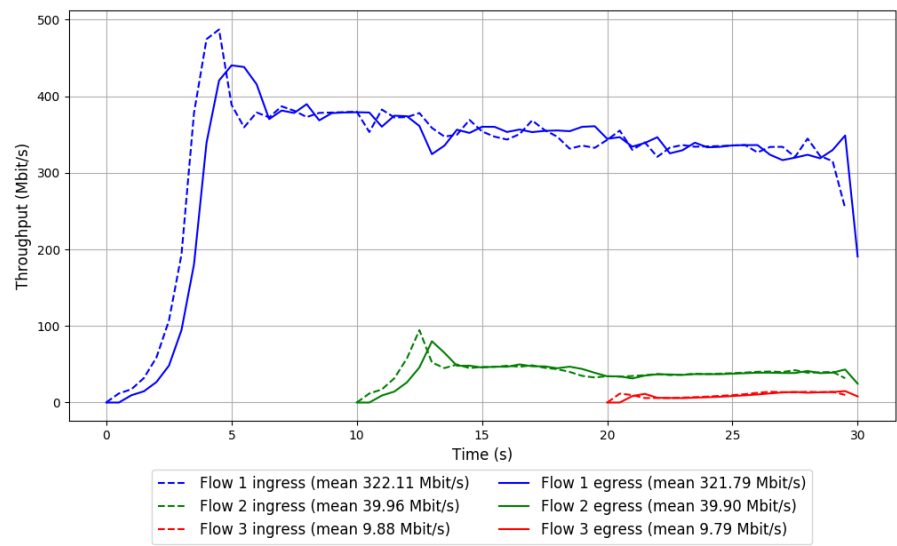


Run 10: Statistics of PCC-Expr

Start at: 2018-07-04 07:36:02
End at: 2018-07-04 07:36:32
Local clock offset: 1.053 ms
Remote clock offset: -0.188 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 351.41 Mbit/s
95th percentile per-packet one-way delay: 228.532 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 321.79 Mbit/s
95th percentile per-packet one-way delay: 228.247 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 39.90 Mbit/s
95th percentile per-packet one-way delay: 232.407 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 9.79 Mbit/s
95th percentile per-packet one-way delay: 190.355 ms
Loss rate: 3.11%

Run 10: Report of PCC-Expr — Data Link

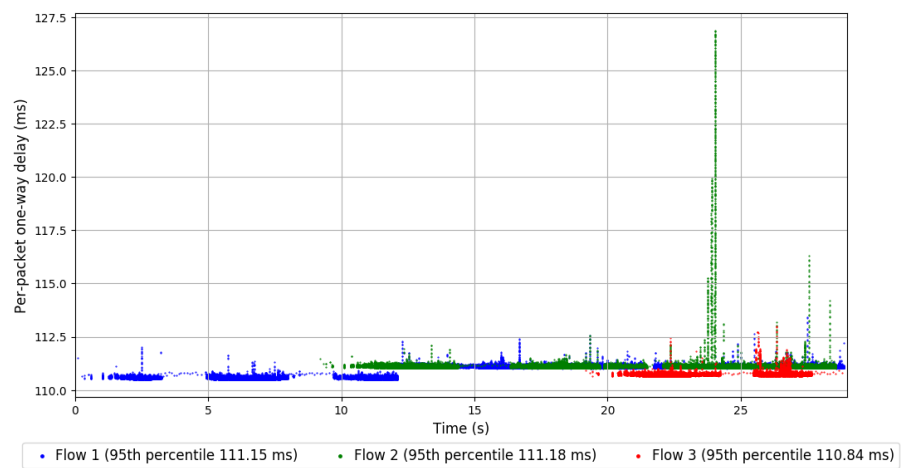
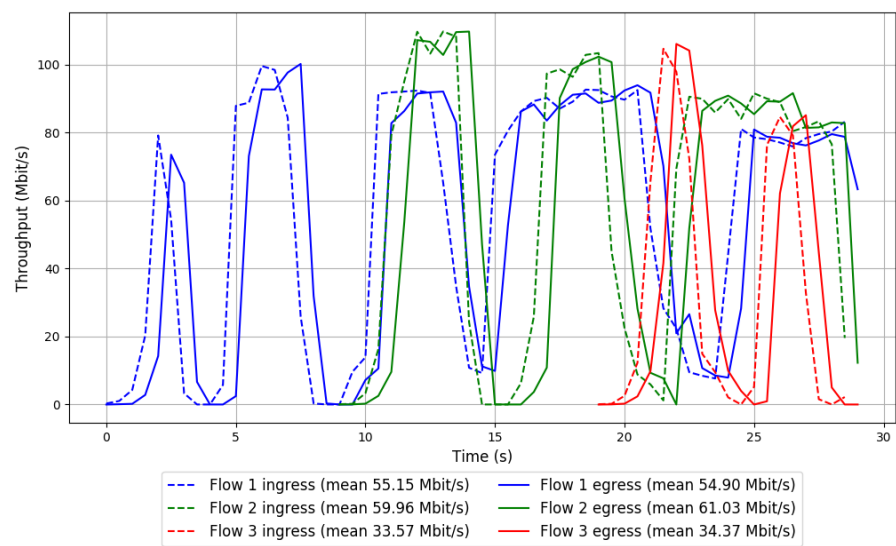


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-04 03:35:48
End at: 2018-07-04 03:36:18
Local clock offset: -0.244 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 107.56 Mbit/s
95th percentile per-packet one-way delay: 111.160 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 54.90 Mbit/s
95th percentile per-packet one-way delay: 111.150 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 61.03 Mbit/s
95th percentile per-packet one-way delay: 111.178 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: 110.841 ms
Loss rate: 0.33%

Run 1: Report of QUIC Cubic — Data Link

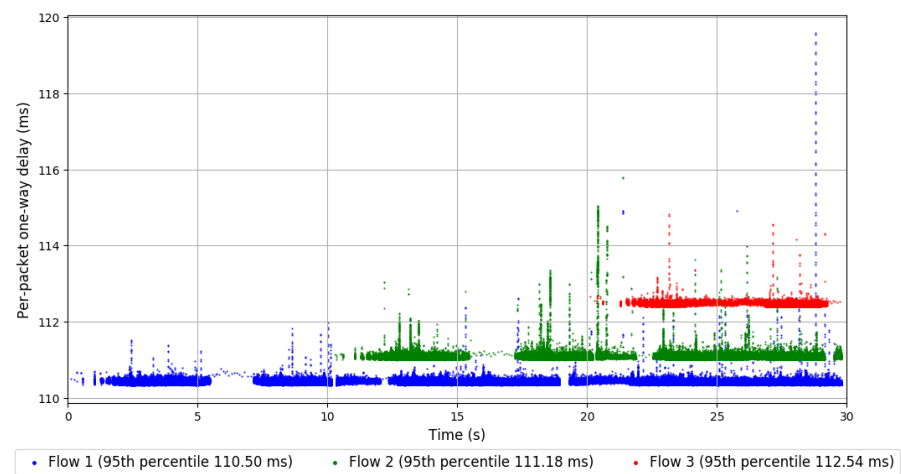
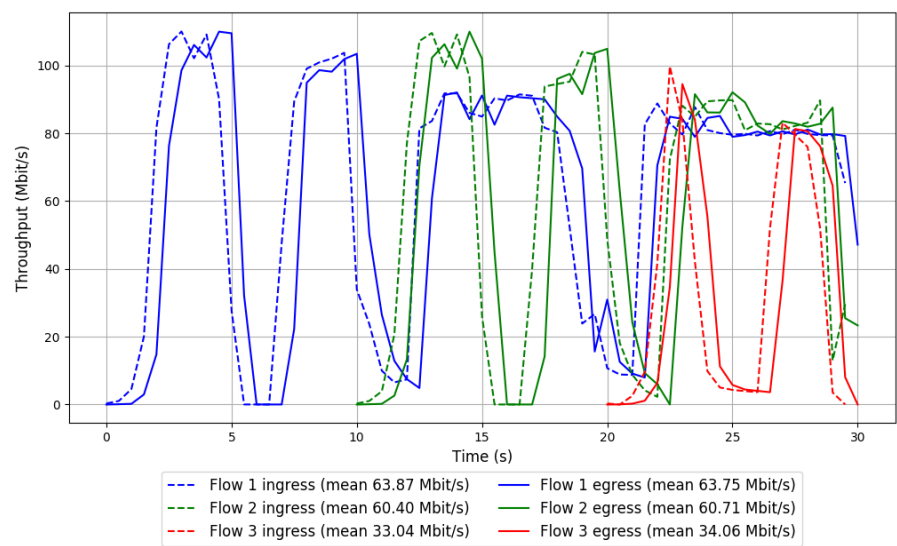


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-04 04:02:11
End at: 2018-07-04 04:02:41
Local clock offset: -0.274 ms
Remote clock offset: -0.176 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 114.99 Mbit/s
95th percentile per-packet one-way delay: 112.459 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 63.75 Mbit/s
95th percentile per-packet one-way delay: 110.503 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 111.176 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 34.06 Mbit/s
95th percentile per-packet one-way delay: 112.538 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

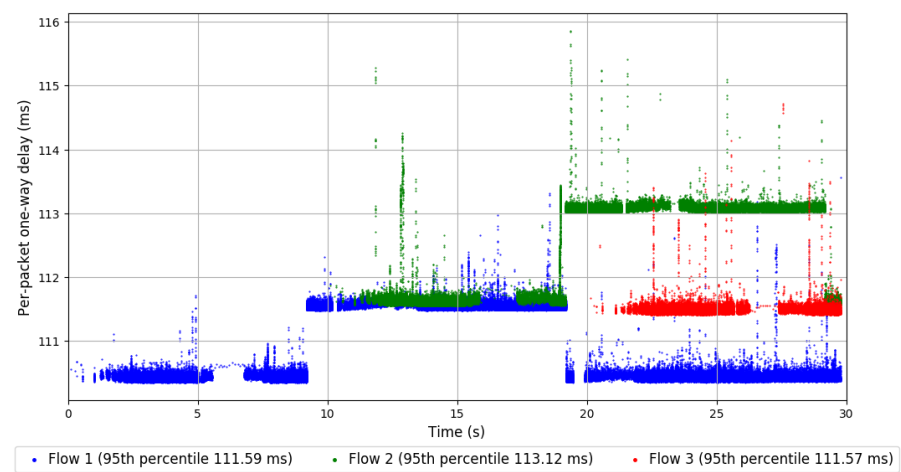
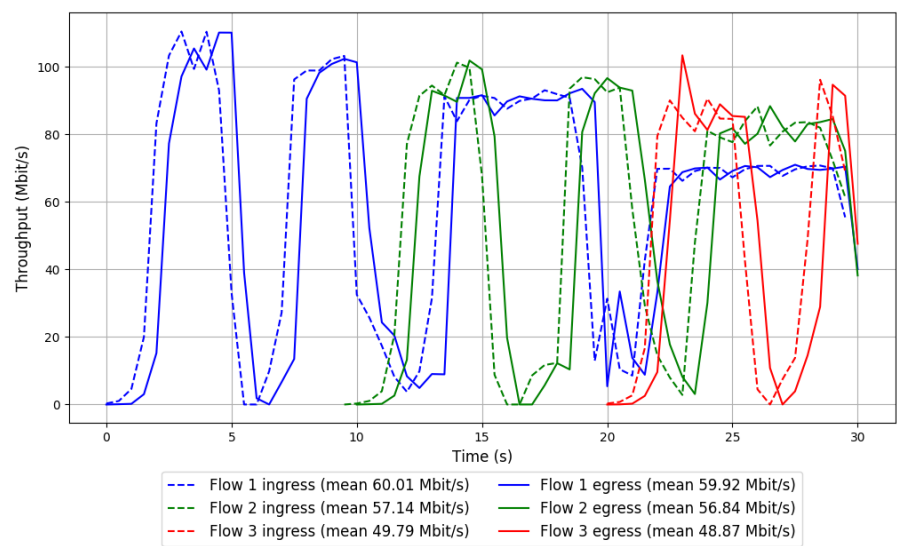


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-04 04:28:32
End at: 2018-07-04 04:29:02
Local clock offset: 0.267 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 113.49 Mbit/s
95th percentile per-packet one-way delay: 113.090 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 59.92 Mbit/s
95th percentile per-packet one-way delay: 111.588 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 56.84 Mbit/s
95th percentile per-packet one-way delay: 113.121 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 111.567 ms
Loss rate: 4.04%

Run 3: Report of QUIC Cubic — Data Link

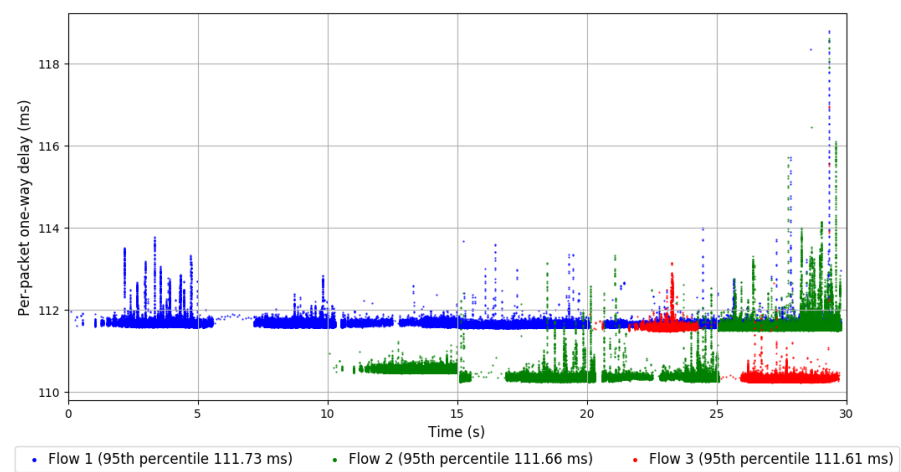
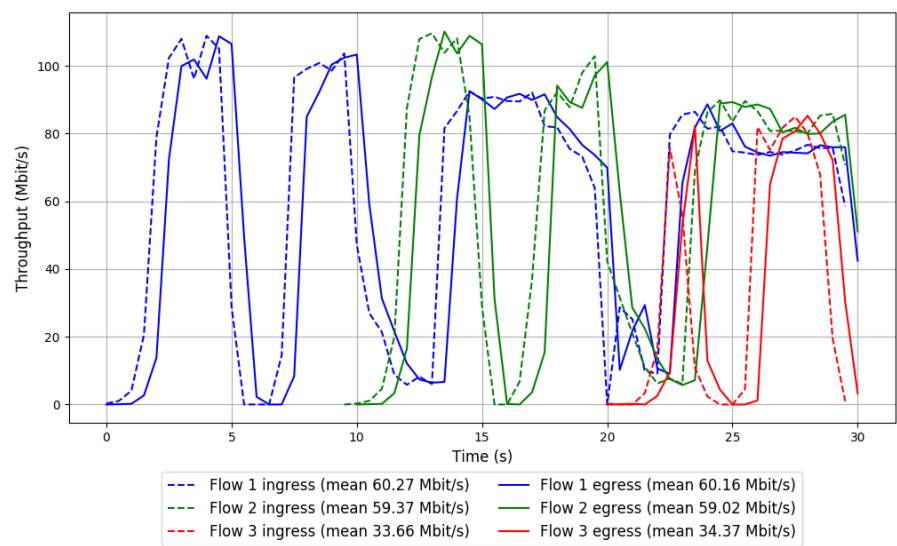


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-04 04:55:06
End at: 2018-07-04 04:55:36
Local clock offset: 0.04 ms
Remote clock offset: -0.591 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 110.47 Mbit/s
95th percentile per-packet one-way delay: 111.716 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 60.16 Mbit/s
95th percentile per-packet one-way delay: 111.730 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 59.02 Mbit/s
95th percentile per-packet one-way delay: 111.661 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: 111.605 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

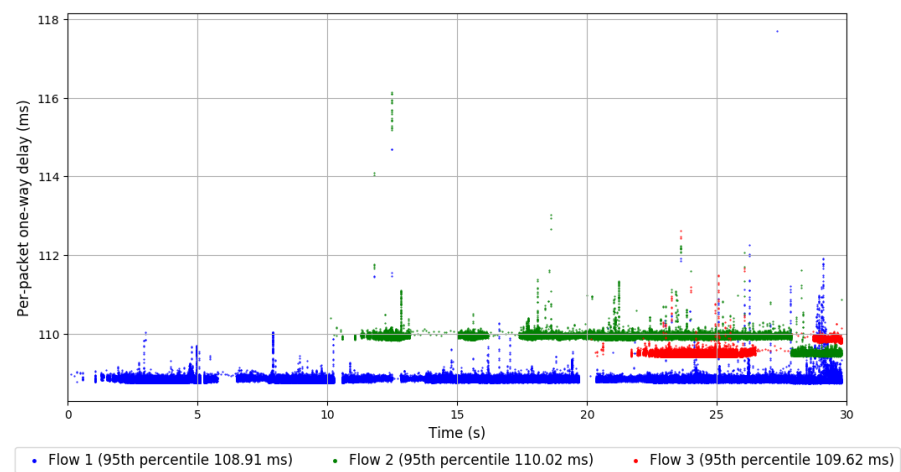
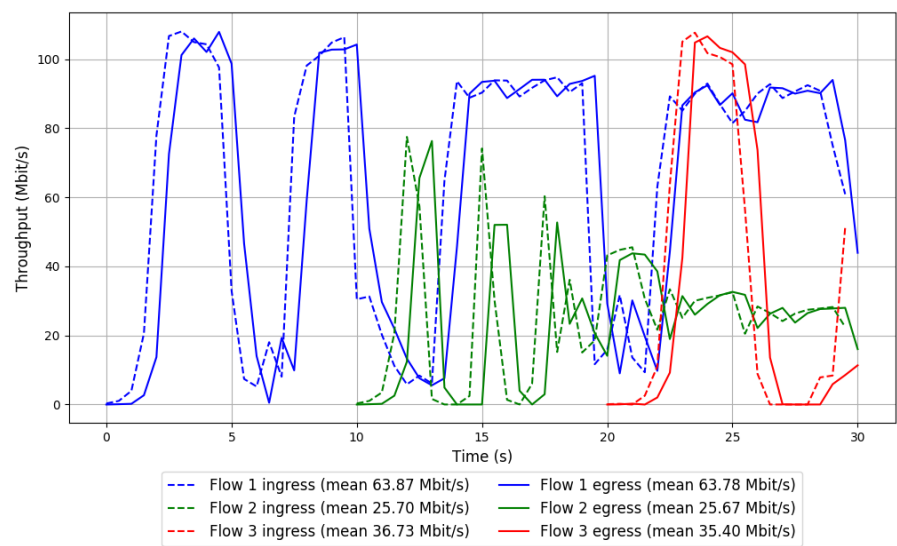


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-04 05:21:34
End at: 2018-07-04 05:22:04
Local clock offset: -1.374 ms
Remote clock offset: -0.237 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 109.954 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 63.78 Mbit/s
95th percentile per-packet one-way delay: 108.909 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 25.67 Mbit/s
95th percentile per-packet one-way delay: 110.022 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 35.40 Mbit/s
95th percentile per-packet one-way delay: 109.621 ms
Loss rate: 5.77%

Run 5: Report of QUIC Cubic — Data Link

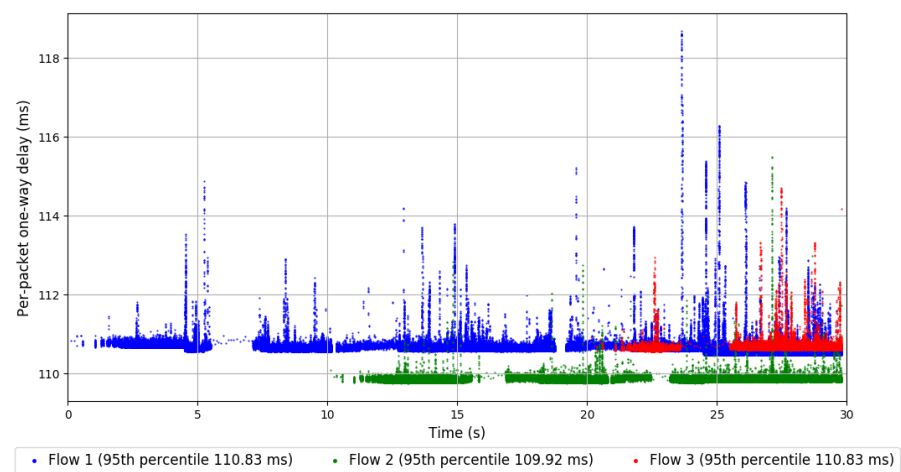
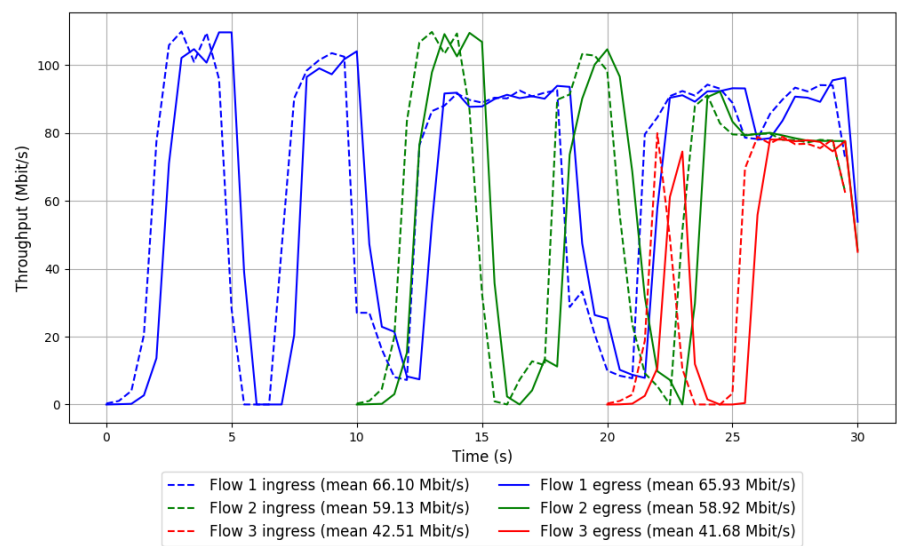


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-04 05:47:47
End at: 2018-07-04 05:48:17
Local clock offset: -0.408 ms
Remote clock offset: -0.245 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 118.54 Mbit/s
95th percentile per-packet one-way delay: 110.778 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 65.93 Mbit/s
95th percentile per-packet one-way delay: 110.832 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 109.922 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 41.68 Mbit/s
95th percentile per-packet one-way delay: 110.825 ms
Loss rate: 4.11%

Run 6: Report of QUIC Cubic — Data Link

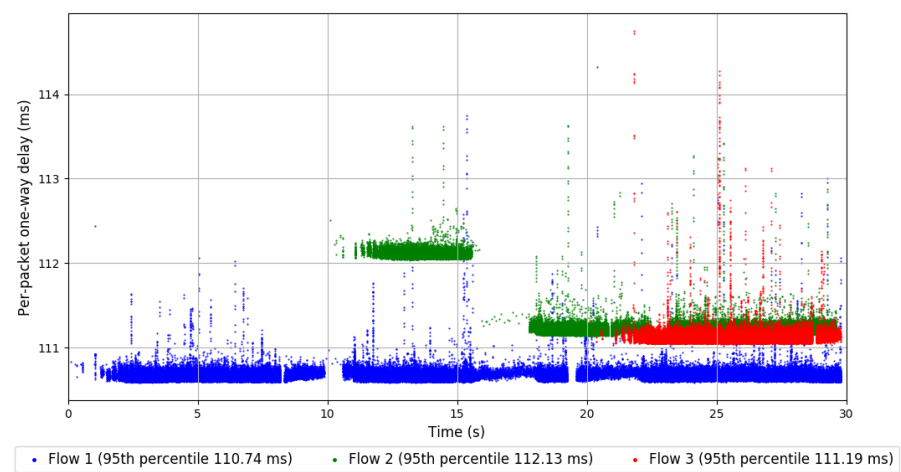
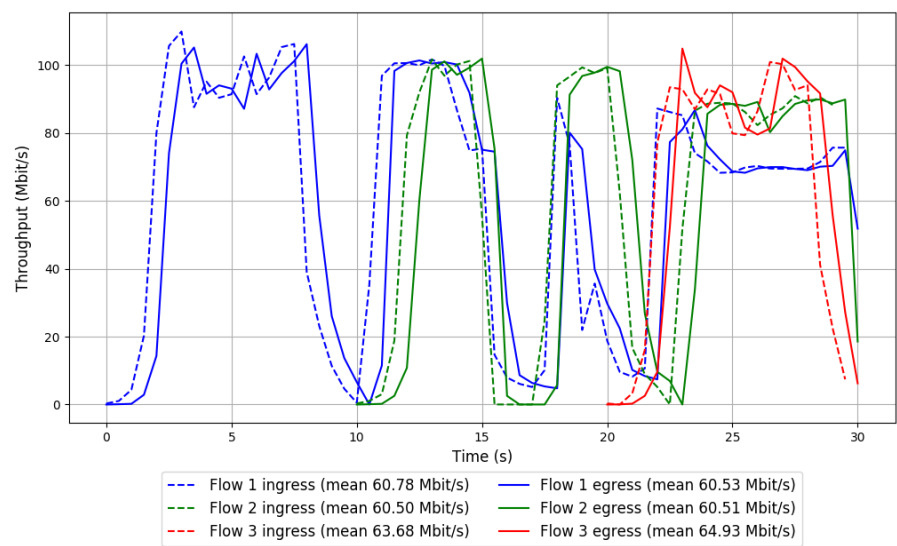


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-04 06:13:35
End at: 2018-07-04 06:14:05
Local clock offset: -0.229 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 121.39 Mbit/s
95th percentile per-packet one-way delay: 112.089 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 60.53 Mbit/s
95th percentile per-packet one-way delay: 110.738 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 60.51 Mbit/s
95th percentile per-packet one-way delay: 112.130 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.93 Mbit/s
95th percentile per-packet one-way delay: 111.195 ms
Loss rate: 0.32%

Run 7: Report of QUIC Cubic — Data Link

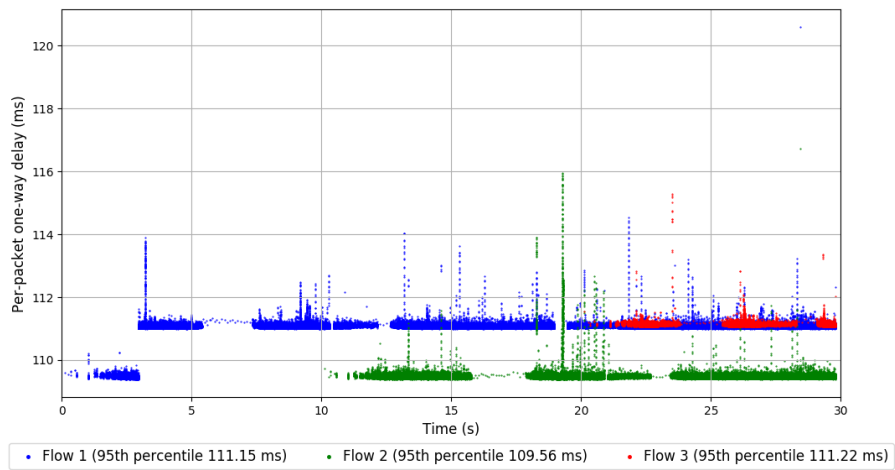
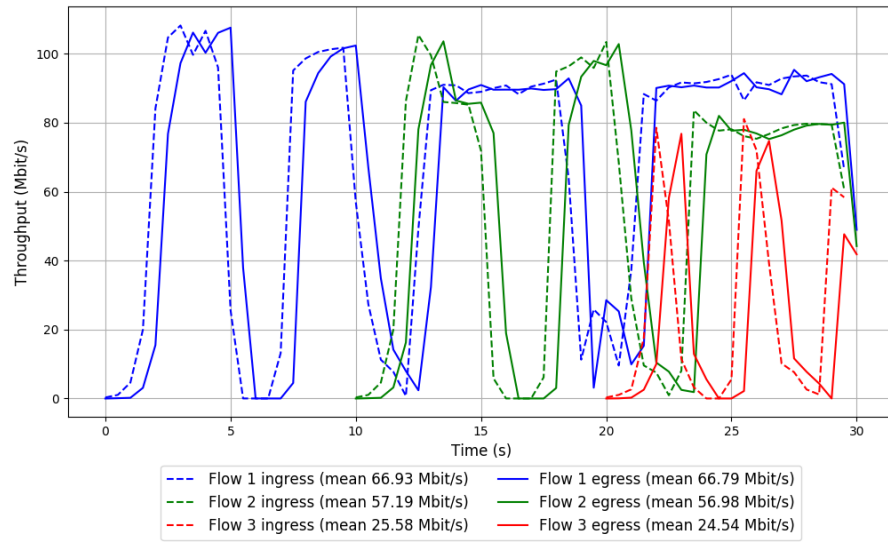


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-04 06:39:58
End at: 2018-07-04 06:40:28
Local clock offset: 0.094 ms
Remote clock offset: -0.223 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 112.56 Mbit/s
95th percentile per-packet one-way delay: 111.149 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 66.79 Mbit/s
95th percentile per-packet one-way delay: 111.150 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 56.98 Mbit/s
95th percentile per-packet one-way delay: 109.559 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 111.223 ms
Loss rate: 6.17%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-04 07:06:24

End at: 2018-07-04 07:06:54

Local clock offset: -1.413 ms

Remote clock offset: -0.16 ms

Below is generated by plot.py at 2018-07-04 09:55:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 117.64 Mbit/s

95th percentile per-packet one-way delay: 108.778 ms

Loss rate: 1.00%

-- Flow 1:

Average throughput: 62.13 Mbit/s

95th percentile per-packet one-way delay: 108.804 ms

Loss rate: 0.99%

-- Flow 2:

Average throughput: 60.70 Mbit/s

95th percentile per-packet one-way delay: 108.108 ms

Loss rate: 0.00%

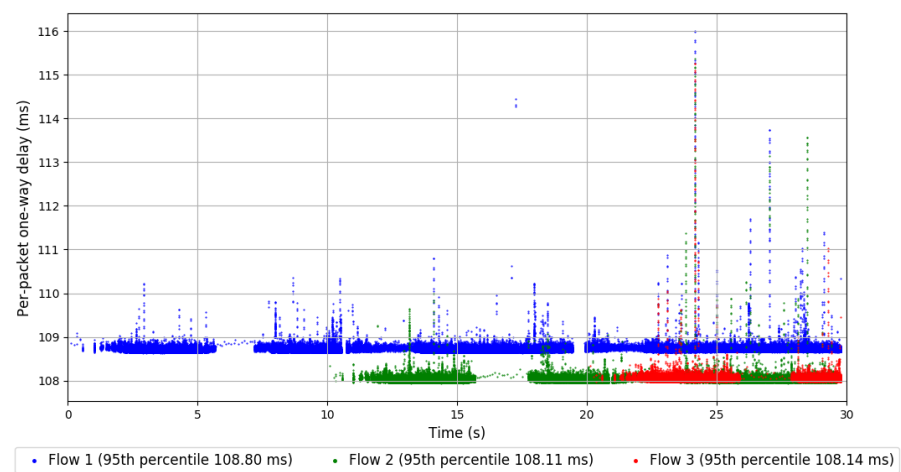
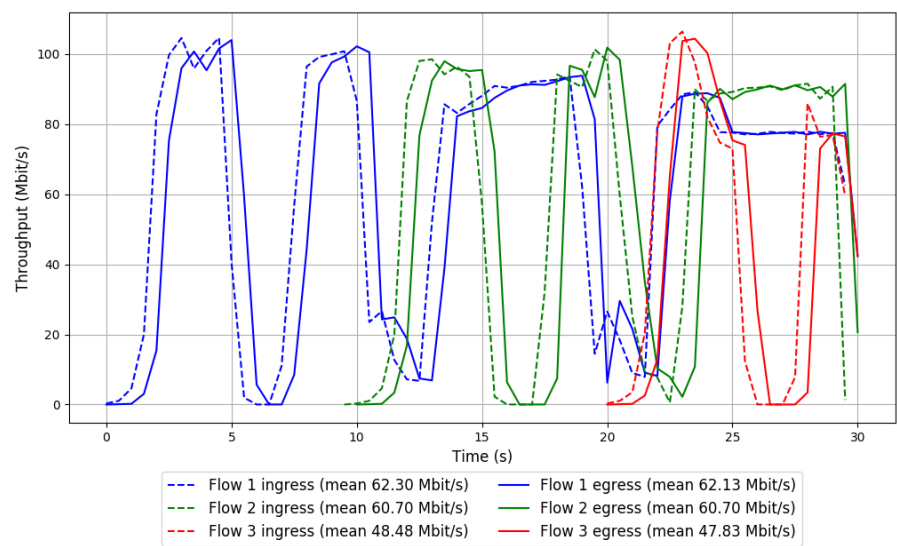
-- Flow 3:

Average throughput: 47.83 Mbit/s

95th percentile per-packet one-way delay: 108.137 ms

Loss rate: 3.53%

Run 9: Report of QUIC Cubic — Data Link

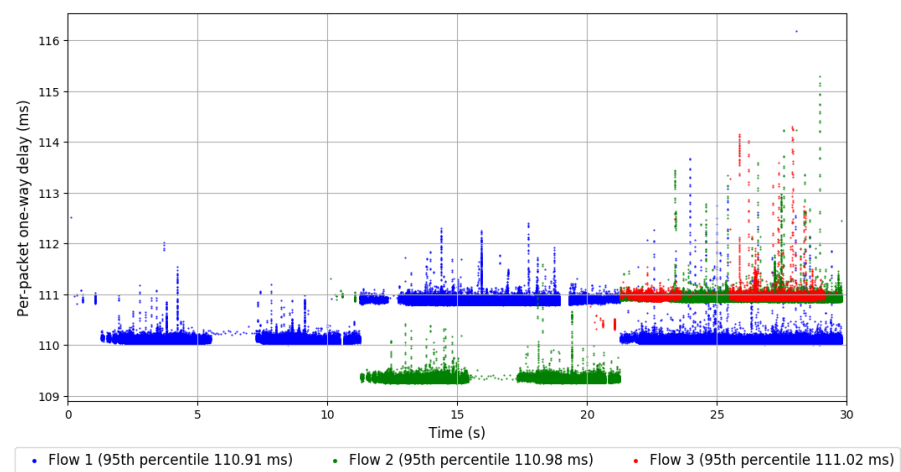
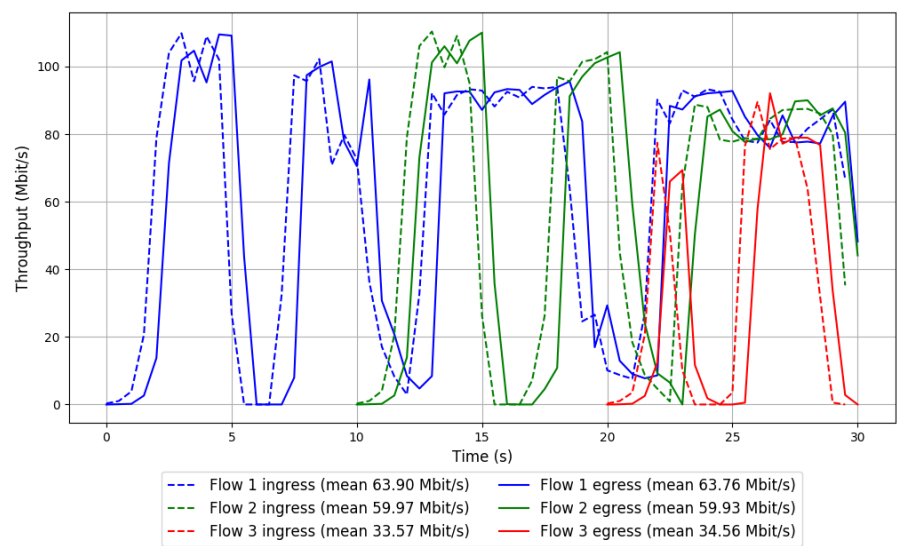


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-04 07:32:30
End at: 2018-07-04 07:33:00
Local clock offset: -0.039 ms
Remote clock offset: -0.189 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 114.66 Mbit/s
95th percentile per-packet one-way delay: 110.967 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 63.76 Mbit/s
95th percentile per-packet one-way delay: 110.911 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 59.93 Mbit/s
95th percentile per-packet one-way delay: 110.977 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 34.56 Mbit/s
95th percentile per-packet one-way delay: 111.021 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

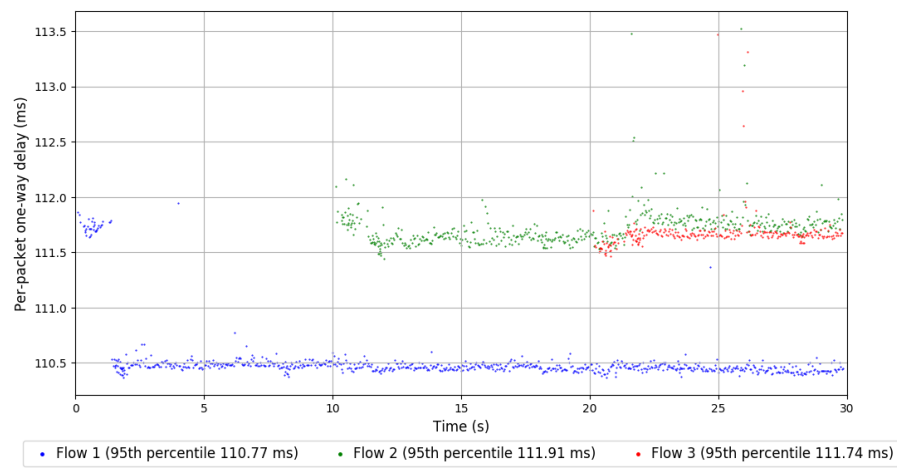
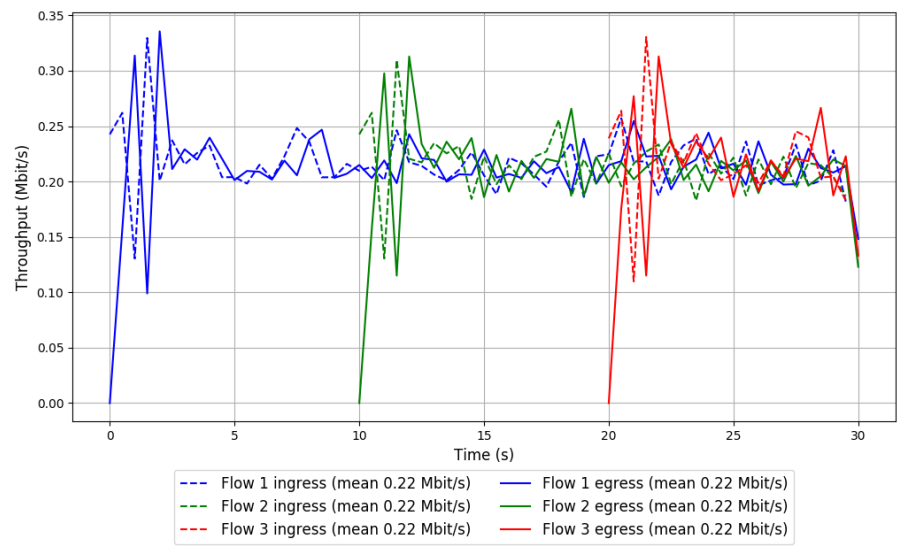


```
Run 1: Statistics of SReAM

Start at: 2018-07-04 03:27:20
End at: 2018-07-04 03:27:50
Local clock offset: 0.189 ms
Remote clock offset: -0.192 ms

# Below is generated by plot.py at 2018-07-04 09:55:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.824 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.772 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.905 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.739 ms
Loss rate: 1.87%
```


Run 1: Report of SReAM — Data Link

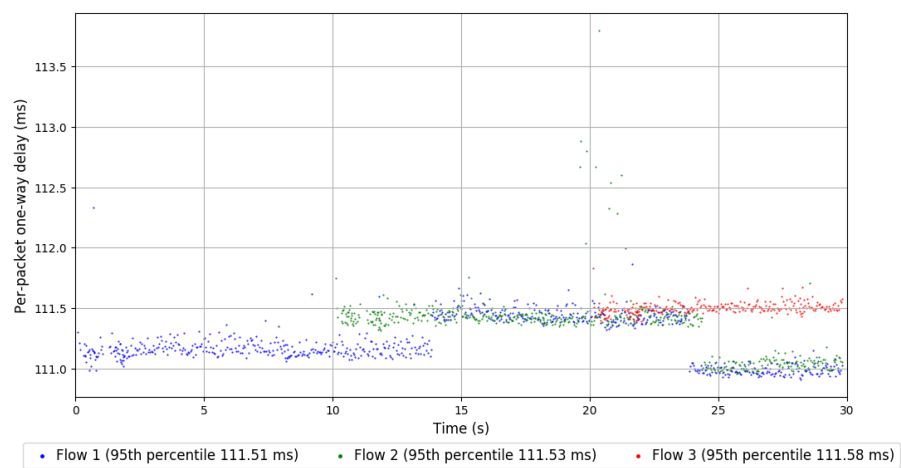
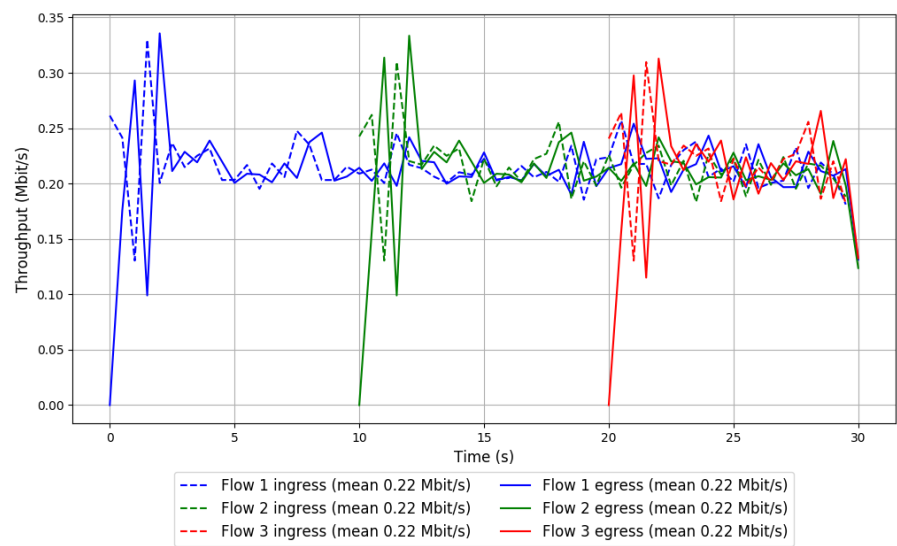


Run 2: Statistics of SReAM

Start at: 2018-07-04 03:53:38
End at: 2018-07-04 03:54:08
Local clock offset: -0.084 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.545 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.506 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.525 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.578 ms
Loss rate: 2.21%

Run 2: Report of SReAM — Data Link

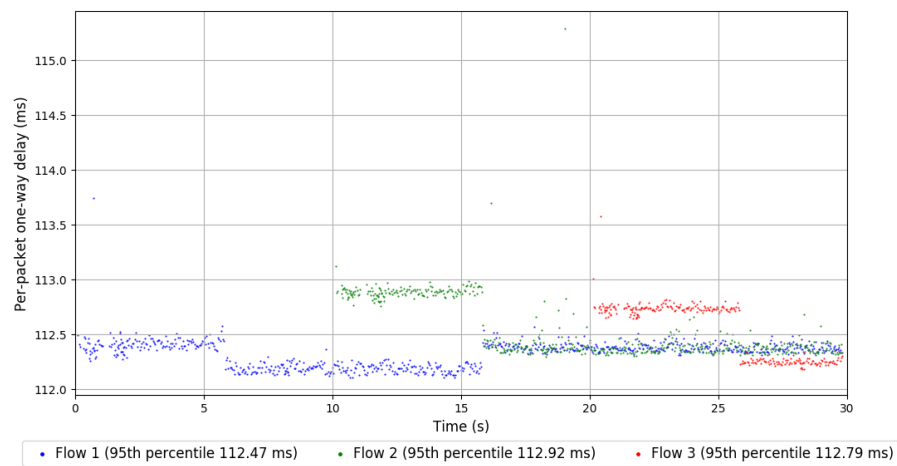
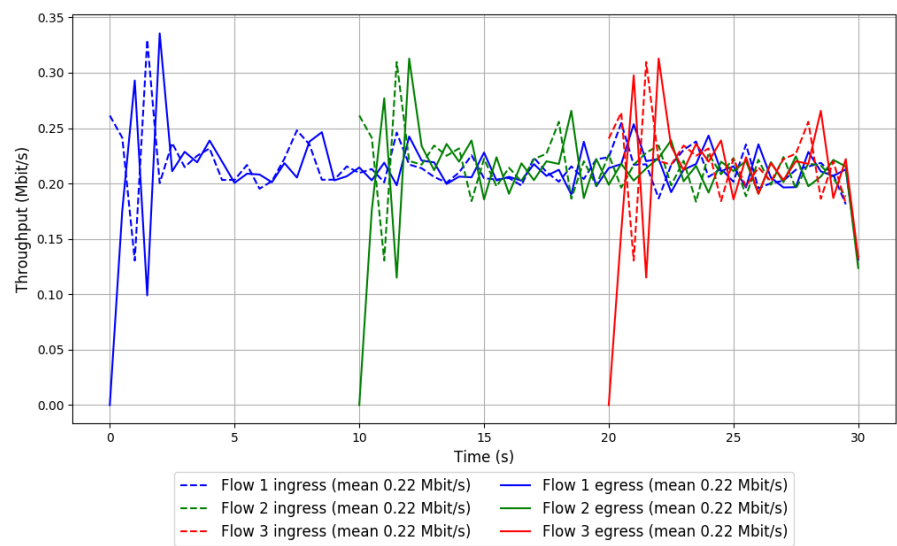


Run 3: Statistics of SReAM

Start at: 2018-07-04 04:19:46
End at: 2018-07-04 04:20:16
Local clock offset: 1.33 ms
Remote clock offset: -0.216 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.892 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.466 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.925 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.787 ms
Loss rate: 2.21%

Run 3: Report of SReAM — Data Link

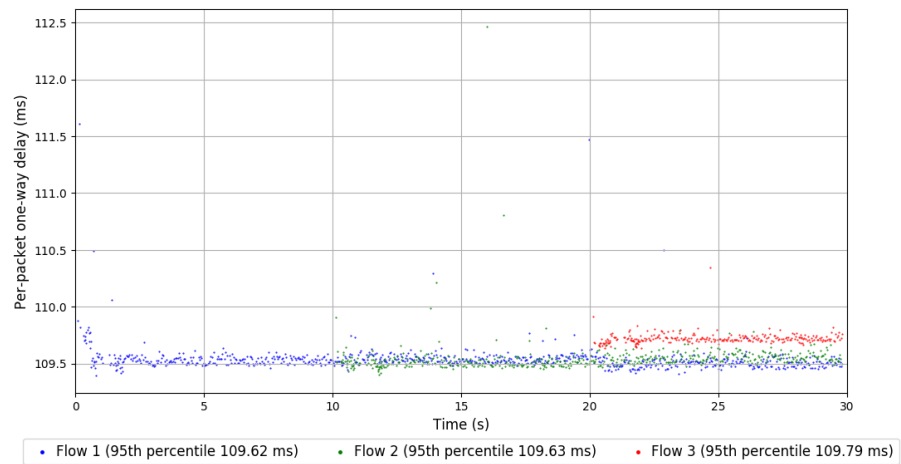
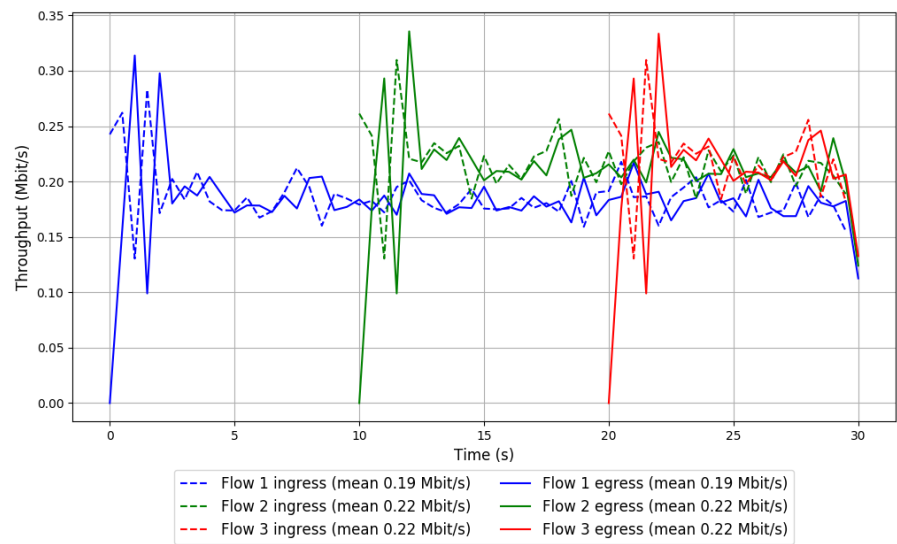


Run 4: Statistics of SReAM

Start at: 2018-07-04 04:46:31
End at: 2018-07-04 04:47:01
Local clock offset: -1.301 ms
Remote clock offset: -0.236 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 109.743 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 109.619 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.632 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.789 ms
Loss rate: 2.21%

Run 4: Report of SReAM — Data Link

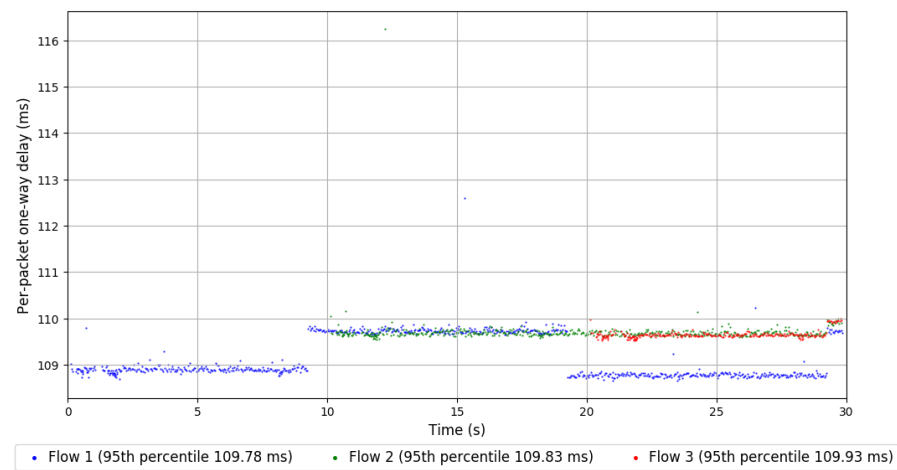
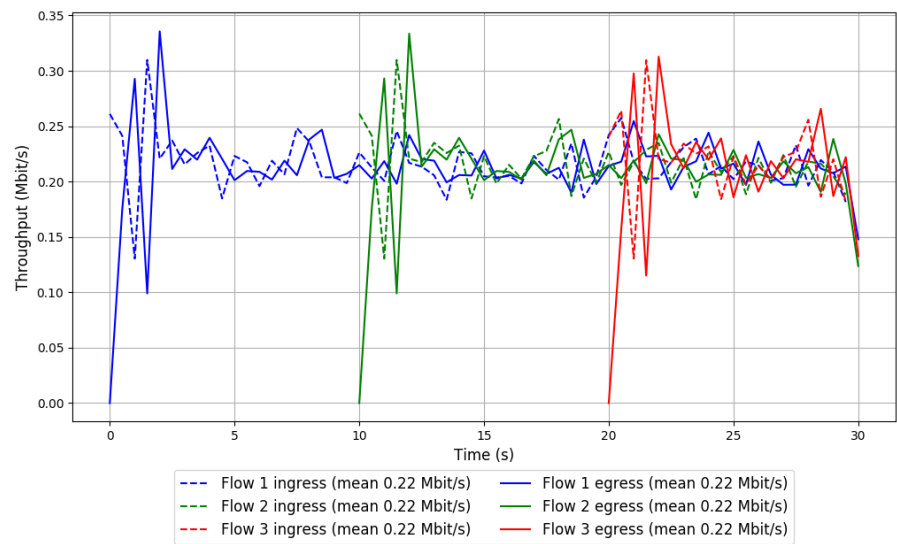


Run 5: Statistics of SReAM

Start at: 2018-07-04 05:13:02
End at: 2018-07-04 05:13:32
Local clock offset: -1.365 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 109.798 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.780 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.829 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.931 ms
Loss rate: 2.21%

Run 5: Report of SCSReAM — Data Link

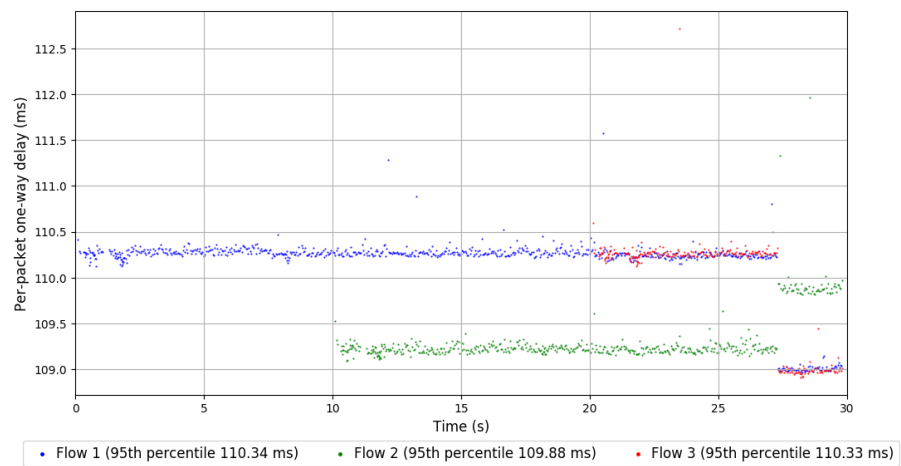
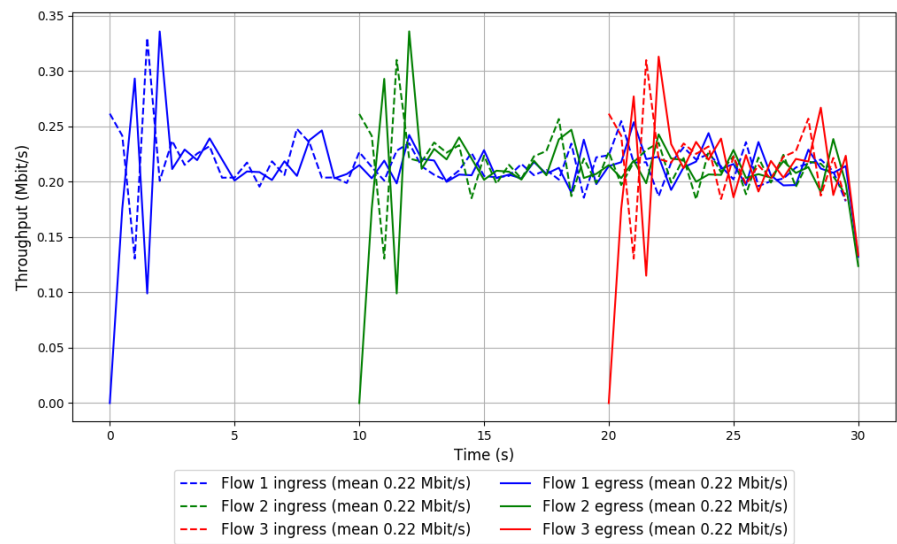


Run 6: Statistics of SReAM

Start at: 2018-07-04 05:39:14
End at: 2018-07-04 05:39:44
Local clock offset: -1.13 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 110.327 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.343 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.884 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.327 ms
Loss rate: 2.22%

Run 6: Report of SReAM — Data Link

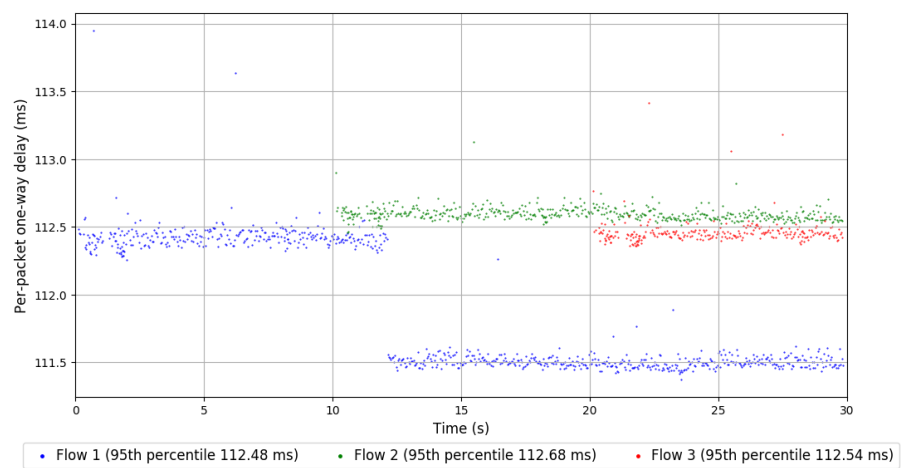
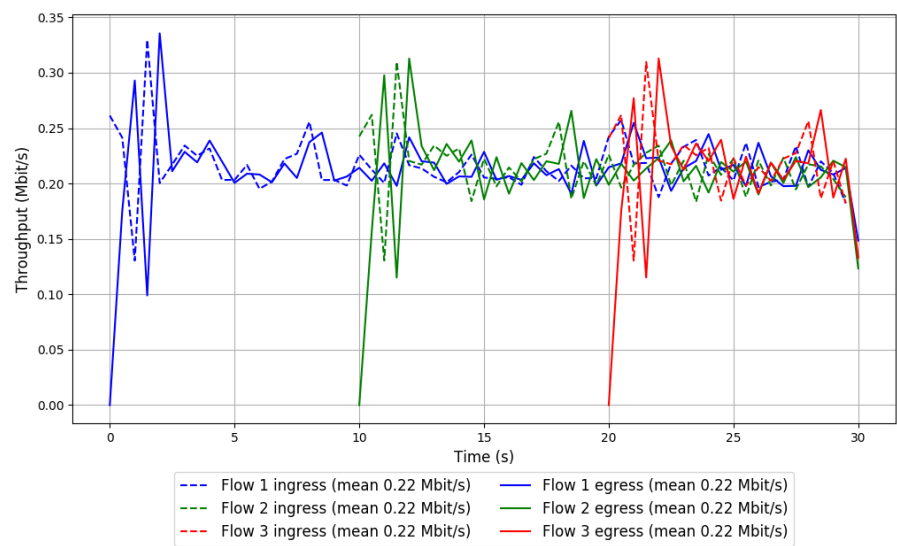


Run 7: Statistics of SReAM

Start at: 2018-07-04 06:04:59
End at: 2018-07-04 06:05:29
Local clock offset: 1.225 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.640 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.484 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.676 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.536 ms
Loss rate: 2.21%

Run 7: Report of SReAM — Data Link

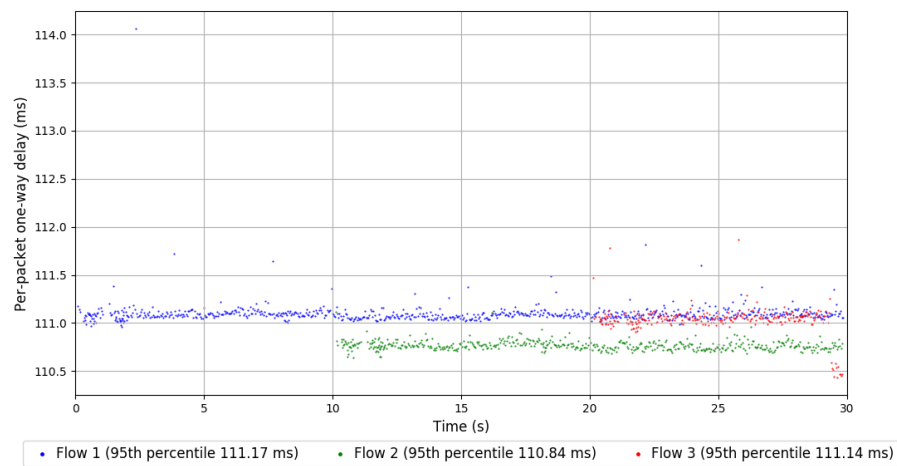
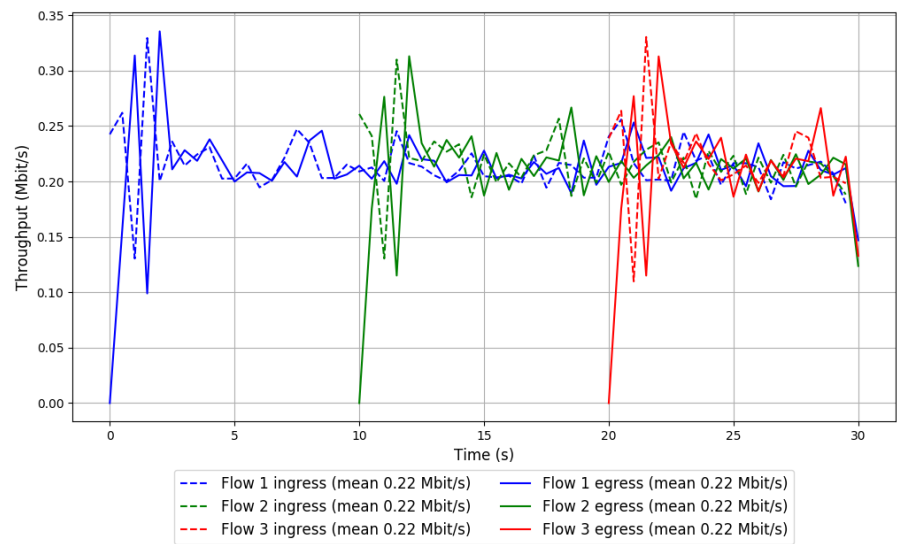


Run 8: Statistics of SReAM

Start at: 2018-07-04 06:31:22
End at: 2018-07-04 06:31:52
Local clock offset: -0.061 ms
Remote clock offset: -0.189 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.148 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.168 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.844 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.136 ms
Loss rate: 2.21%

Run 8: Report of SReAM — Data Link

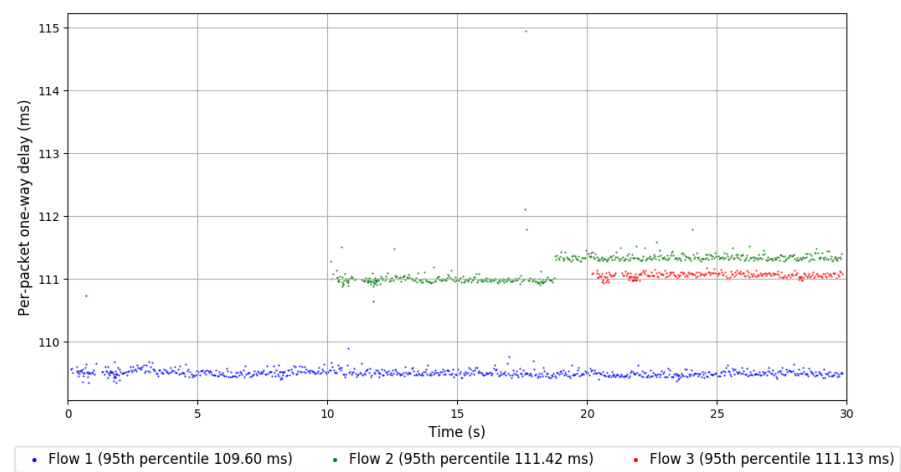
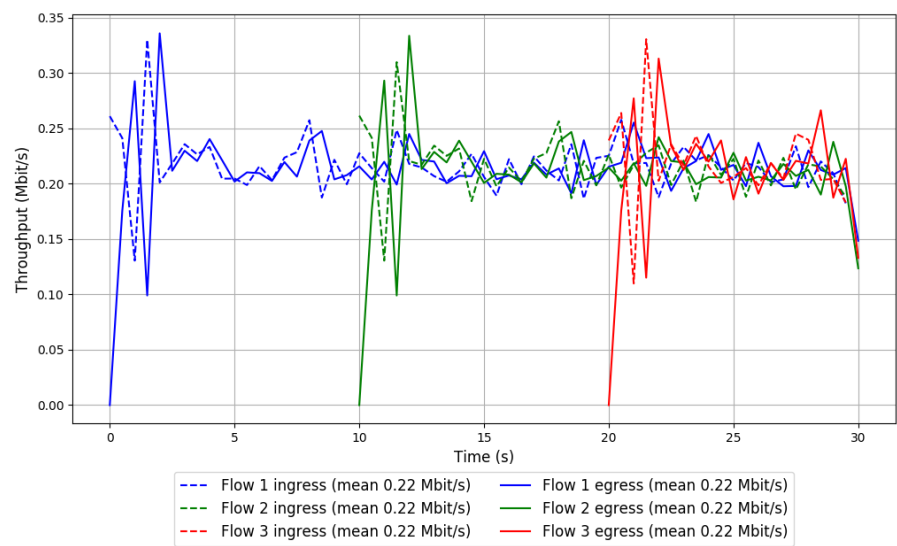


Run 9: Statistics of SCReAM

Start at: 2018-07-04 06:57:53
End at: 2018-07-04 06:58:23
Local clock offset: 0.025 ms
Remote clock offset: -0.163 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.368 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.600 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.417 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.131 ms
Loss rate: 1.87%

Run 9: Report of SCRaM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-07-04 07:23:53

End at: 2018-07-04 07:24:23

Local clock offset: 0.16 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-07-04 09:55:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 111.673 ms

Loss rate: 1.11%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.694 ms

Loss rate: 0.64%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.309 ms

Loss rate: 1.24%

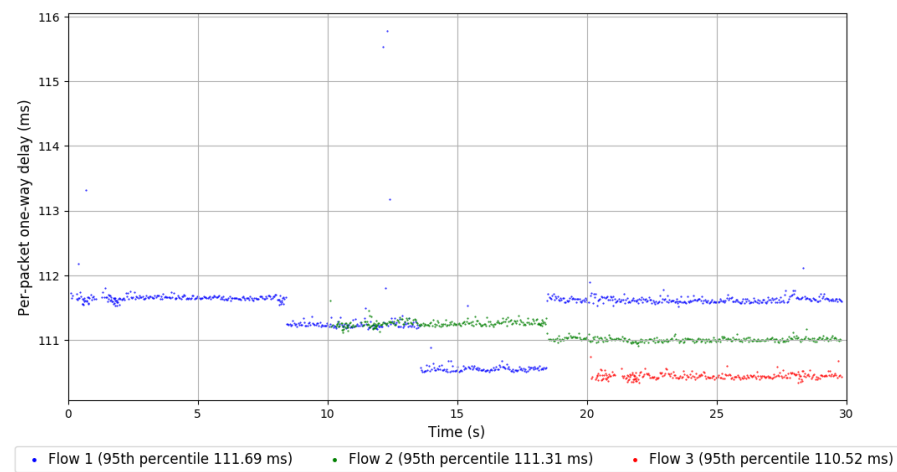
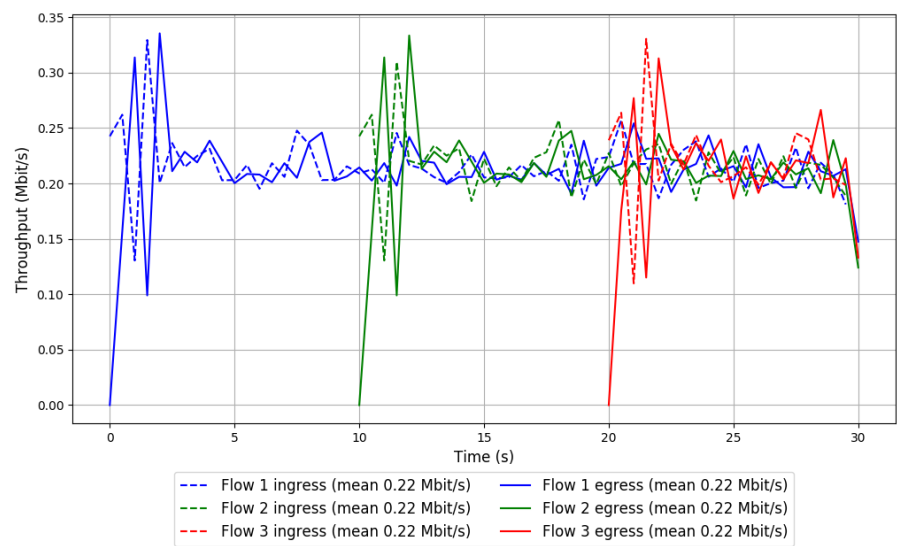
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 110.522 ms

Loss rate: 2.21%

Run 10: Report of SReAM — Data Link

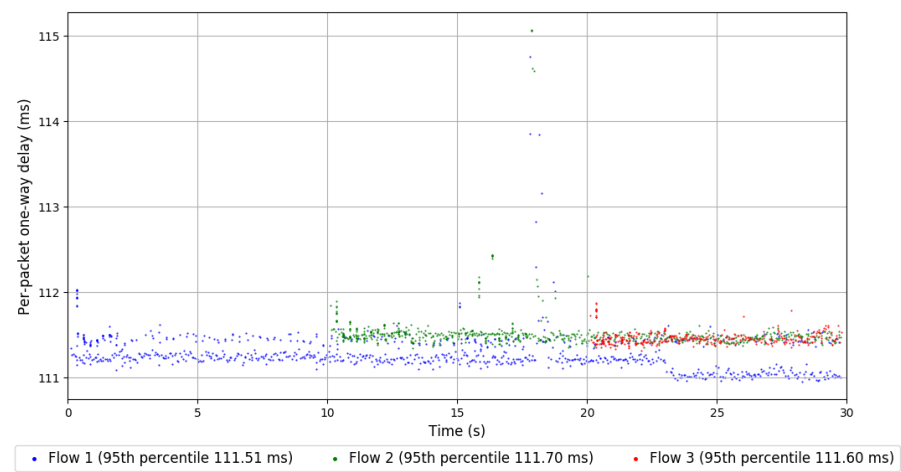
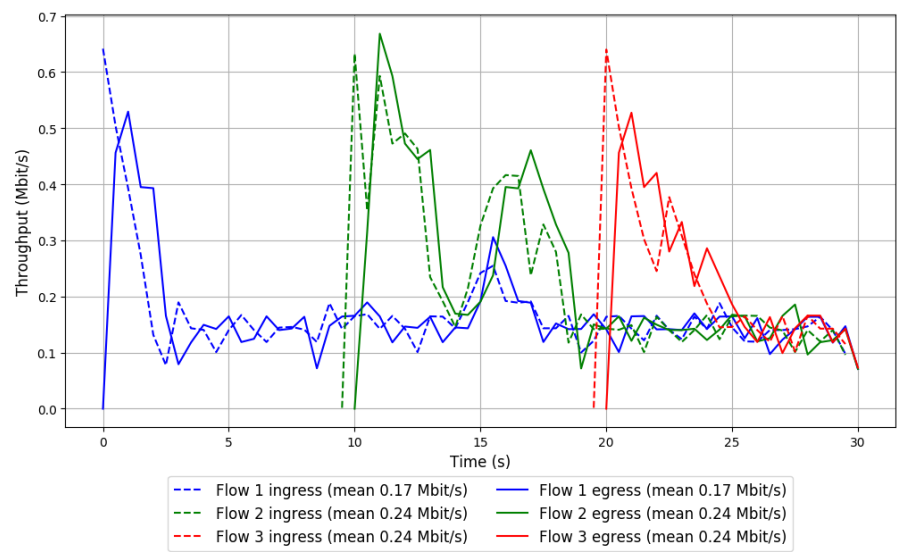


Run 1: Statistics of Sprout

Start at: 2018-07-04 03:46:08
End at: 2018-07-04 03:46:38
Local clock offset: 0.067 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 111.614 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 111.514 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 111.705 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 111.601 ms
Loss rate: 1.47%

Run 1: Report of Sprout — Data Link

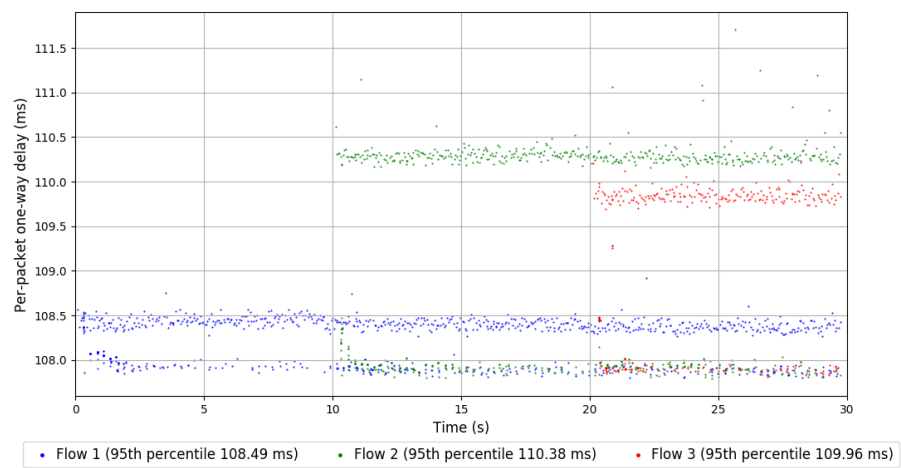
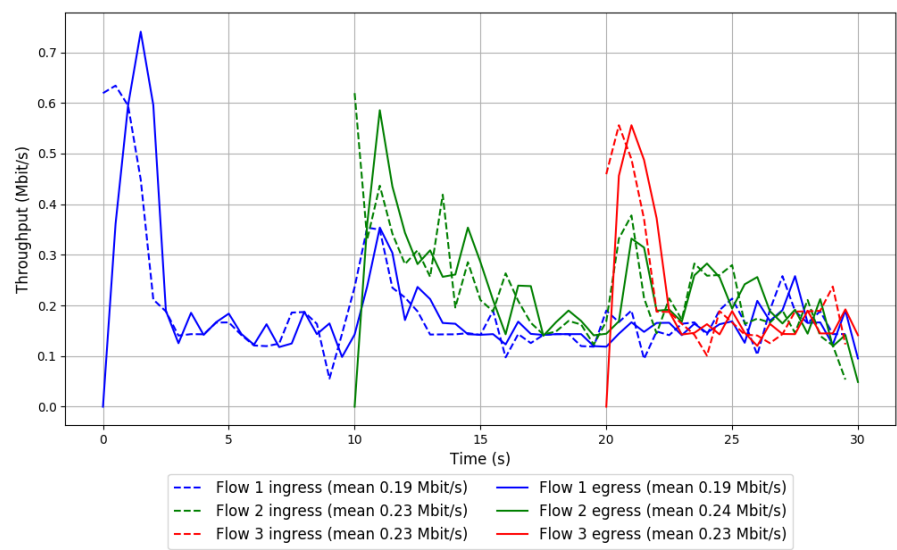


Run 2: Statistics of Sprout

Start at: 2018-07-04 04:12:37
End at: 2018-07-04 04:13:07
Local clock offset: -1.092 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 110.322 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 108.494 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 110.383 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 109.964 ms
Loss rate: 2.63%

Run 2: Report of Sprout — Data Link

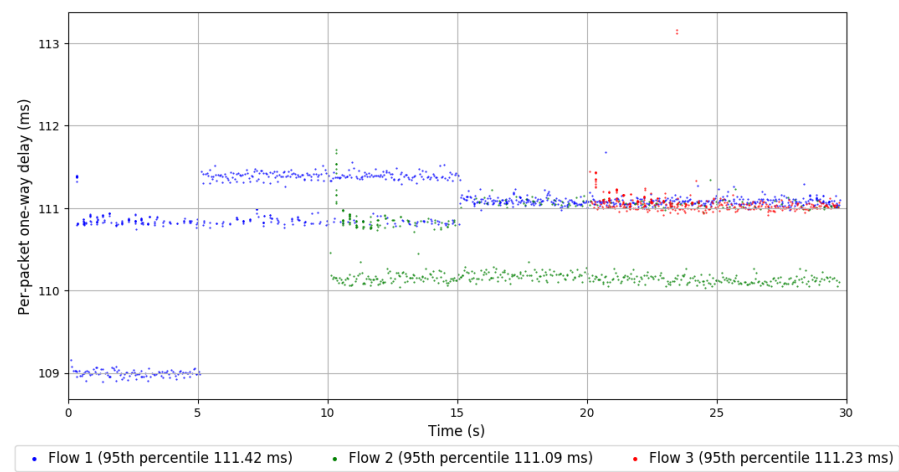
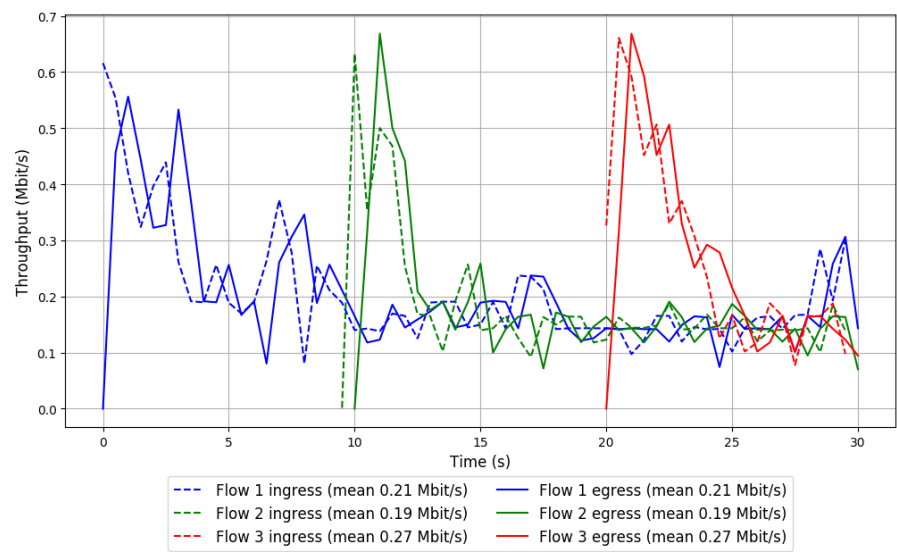


Run 3: Statistics of Sprout

Start at: 2018-07-04 04:38:56
End at: 2018-07-04 04:39:26
Local clock offset: 0.047 ms
Remote clock offset: -0.208 ms

```
# Below is generated by plot.py at 2018-07-04 09:55:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 111.402 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 111.420 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 111.090 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 111.227 ms
Loss rate: 1.74%
```


Run 3: Report of Sprout — Data Link

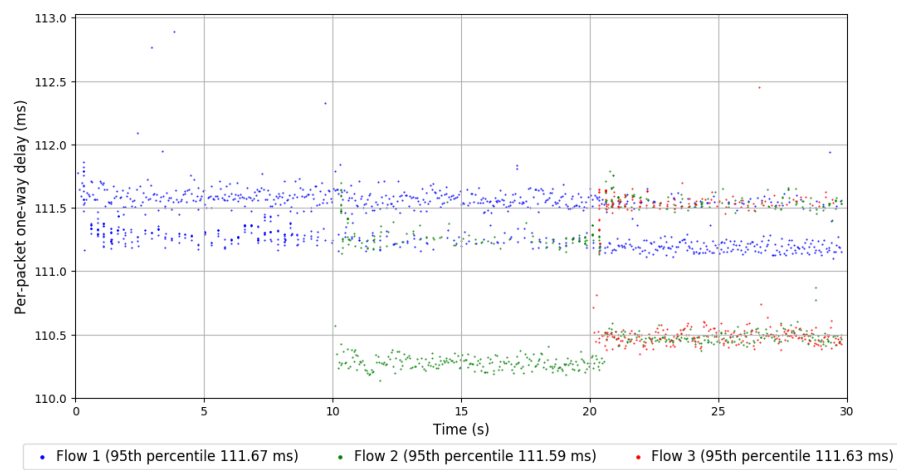
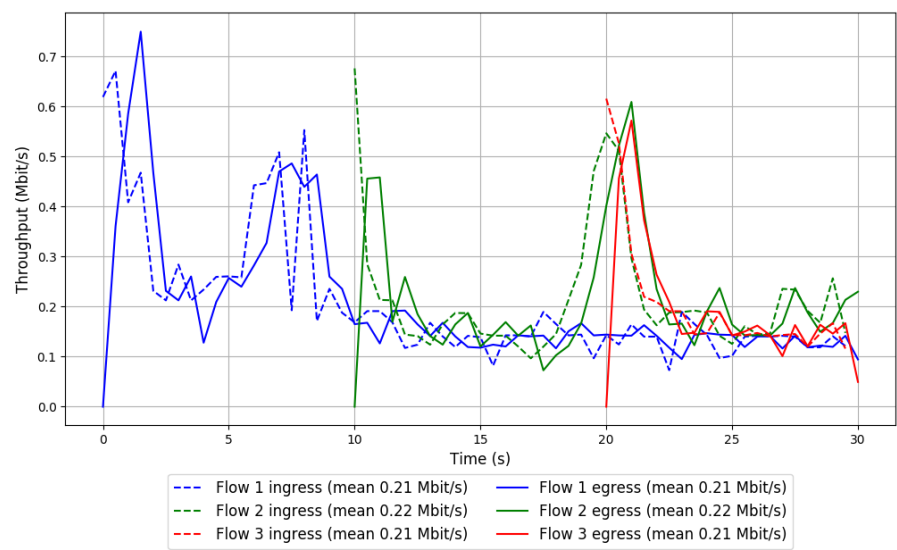


Run 4: Statistics of Sprout

Start at: 2018-07-04 05:05:51
End at: 2018-07-04 05:06:21
Local clock offset: 0.244 ms
Remote clock offset: -0.258 ms

```
# Below is generated by plot.py at 2018-07-04 09:55:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 111.644 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 111.672 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.587 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 111.627 ms
Loss rate: 2.25%
```

Run 4: Report of Sprout — Data Link

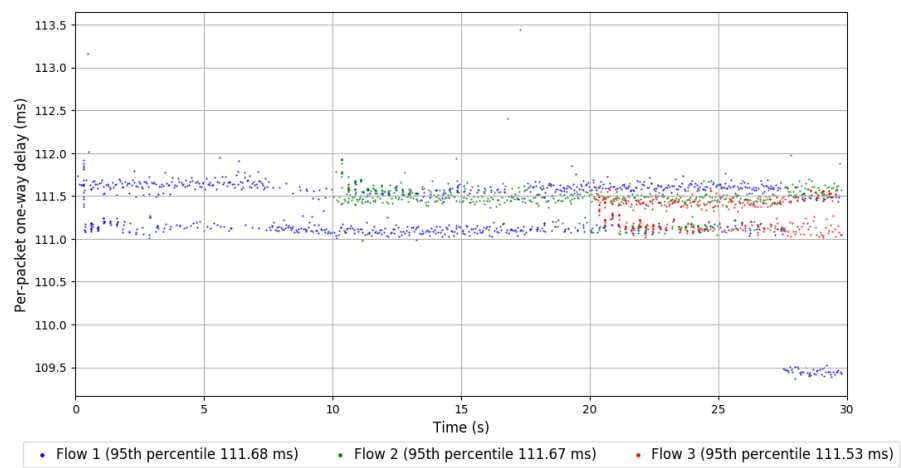
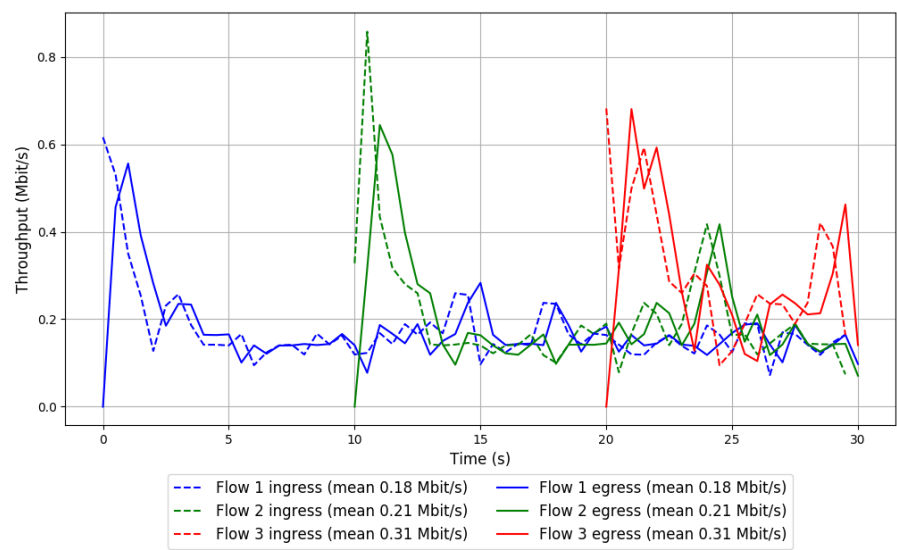


Run 5: Statistics of Sprout

Start at: 2018-07-04 05:31:54
End at: 2018-07-04 05:32:24
Local clock offset: 0.127 ms
Remote clock offset: -0.246 ms

```
# Below is generated by plot.py at 2018-07-04 09:55:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 111.668 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 111.678 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 111.675 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 111.528 ms
Loss rate: 2.56%
```

Run 5: Report of Sprout — Data Link

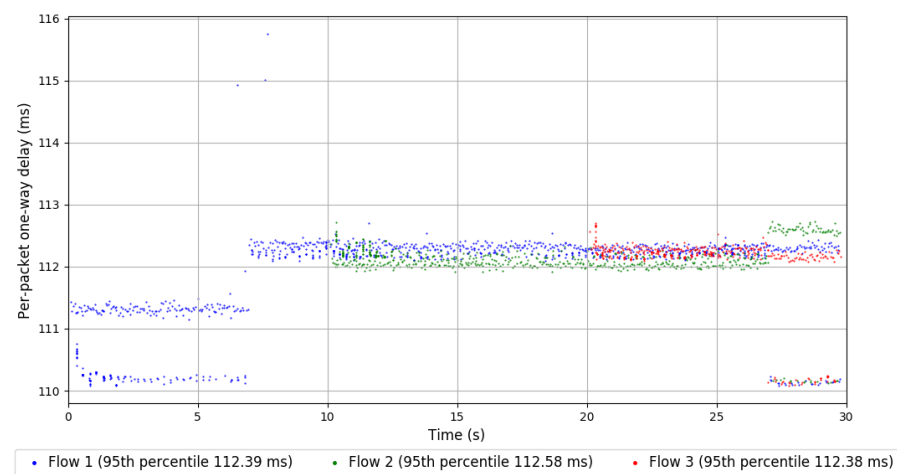
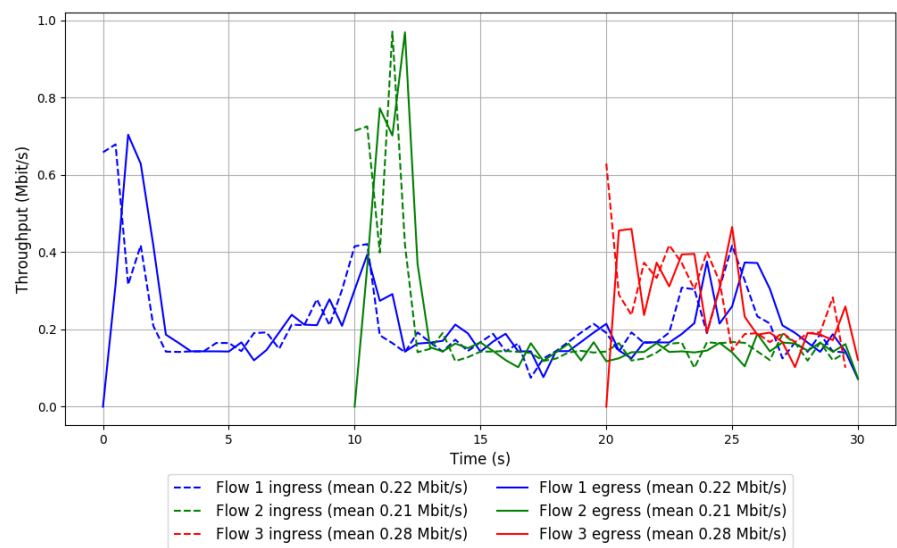


Run 6: Statistics of Sprout

Start at: 2018-07-04 05:57:44
End at: 2018-07-04 05:58:14
Local clock offset: 1.169 ms
Remote clock offset: -0.201 ms

```
# Below is generated by plot.py at 2018-07-04 09:55:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 112.416 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.389 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 112.575 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 112.377 ms
Loss rate: 1.72%
```

Run 6: Report of Sprout — Data Link

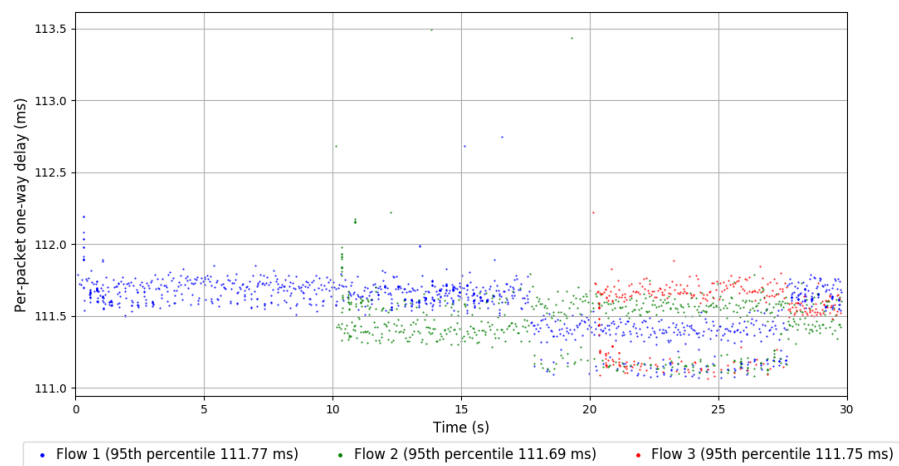
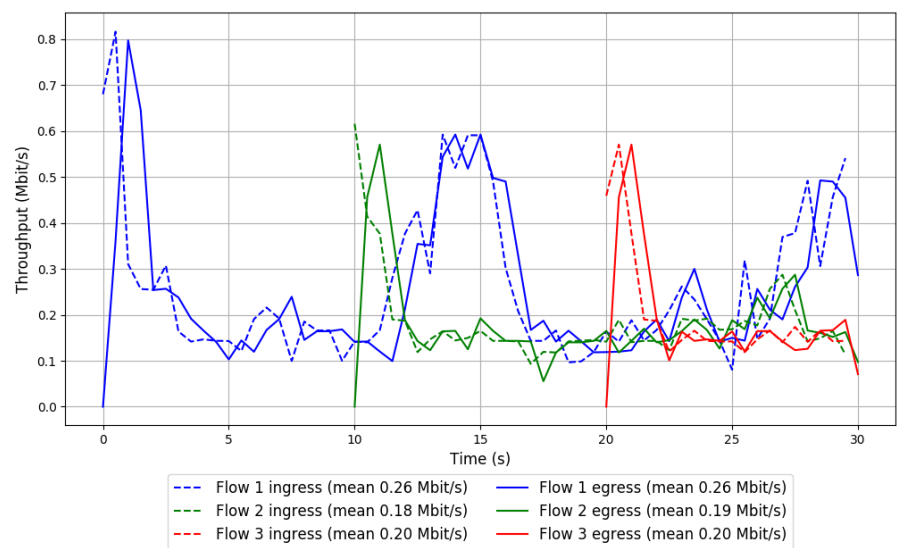


Run 7: Statistics of Sprout

Start at: 2018-07-04 06:23:44
End at: 2018-07-04 06:24:14
Local clock offset: 0.185 ms
Remote clock offset: -0.567 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 111.763 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 111.771 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 111.693 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 111.755 ms
Loss rate: 2.34%

Run 7: Report of Sprout — Data Link

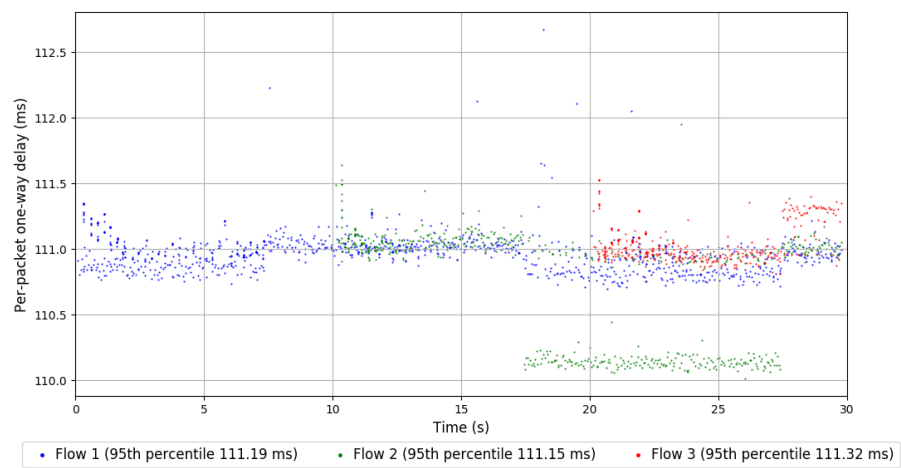
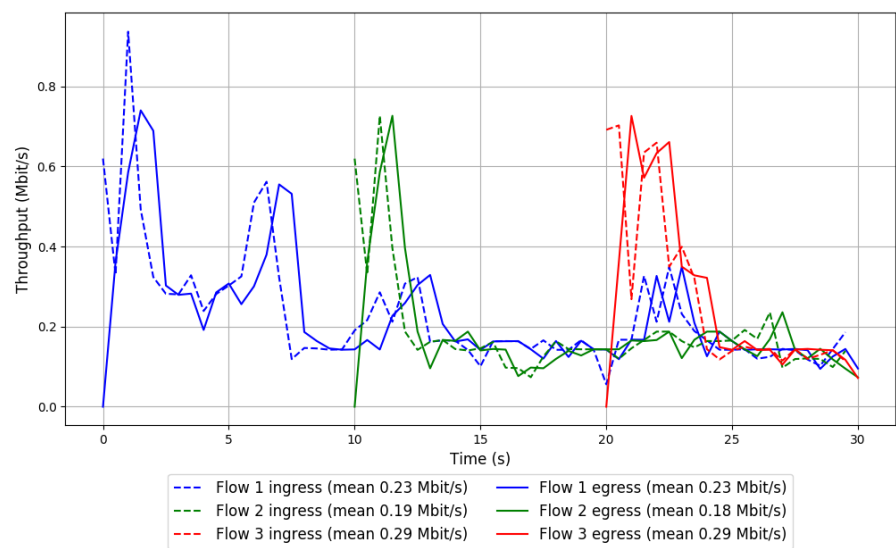


Run 8: Statistics of Sprout

Start at: 2018-07-04 06:50:34
End at: 2018-07-04 06:51:04
Local clock offset: -0.108 ms
Remote clock offset: -0.222 ms

```
# Below is generated by plot.py at 2018-07-04 09:55:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 111.262 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 111.188 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 111.151 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 111.324 ms
Loss rate: 1.26%
```

Run 8: Report of Sprout — Data Link

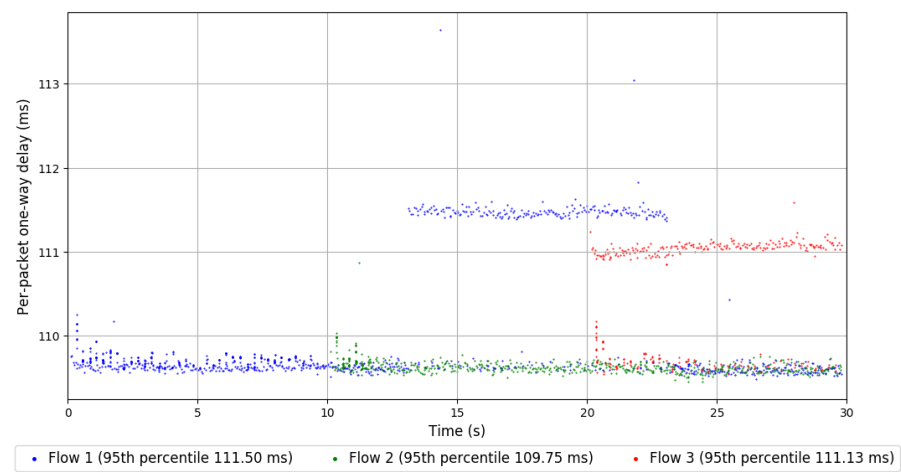
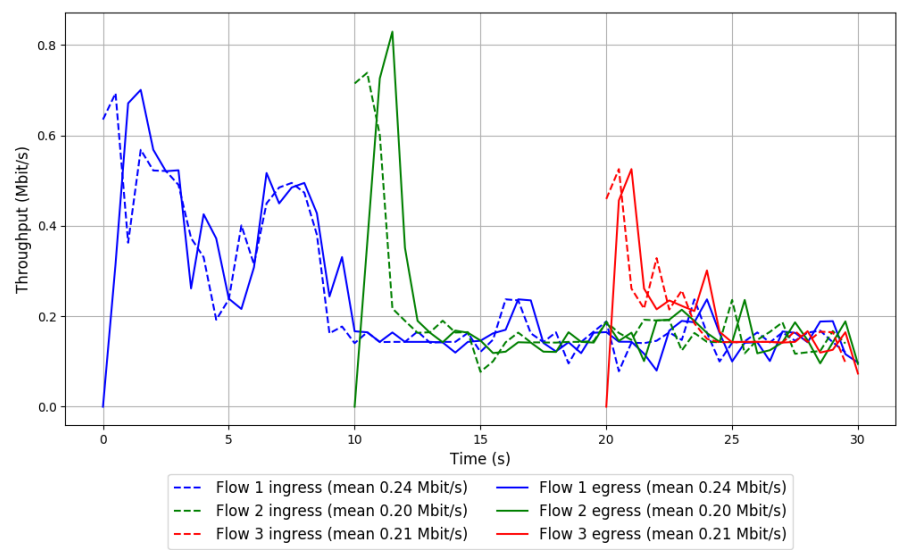


Run 9: Statistics of Sprout

Start at: 2018-07-04 07:16:38
End at: 2018-07-04 07:17:08
Local clock offset: 0.03 ms
Remote clock offset: -0.164 ms

Below is generated by plot.py at 2018-07-04 09:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 111.471 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 111.496 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 109.745 ms
Loss rate: 0.62%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 111.129 ms
Loss rate: 2.18%

Run 9: Report of Sprout — Data Link

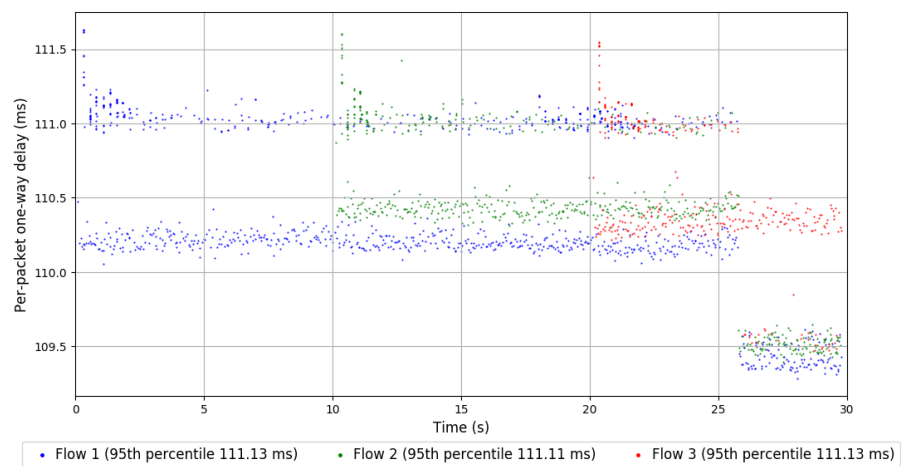
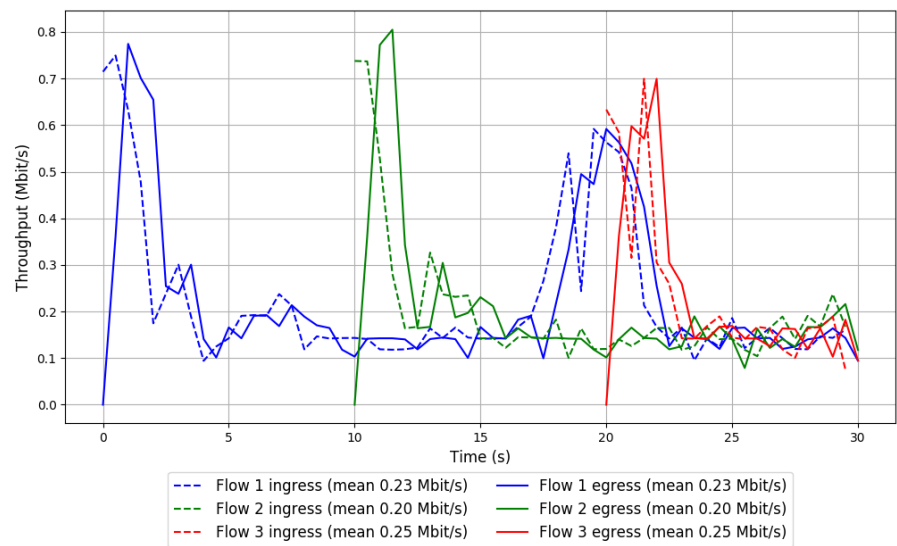


Run 10: Statistics of Sprout

Start at: 2018-07-04 07:42:36
End at: 2018-07-04 07:43:06
Local clock offset: -0.072 ms
Remote clock offset: -0.212 ms

```
# Below is generated by plot.py at 2018-07-04 09:55:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 111.129 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 111.129 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 111.110 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 111.131 ms
Loss rate: 1.11%
```

Run 10: Report of Sprout — Data Link

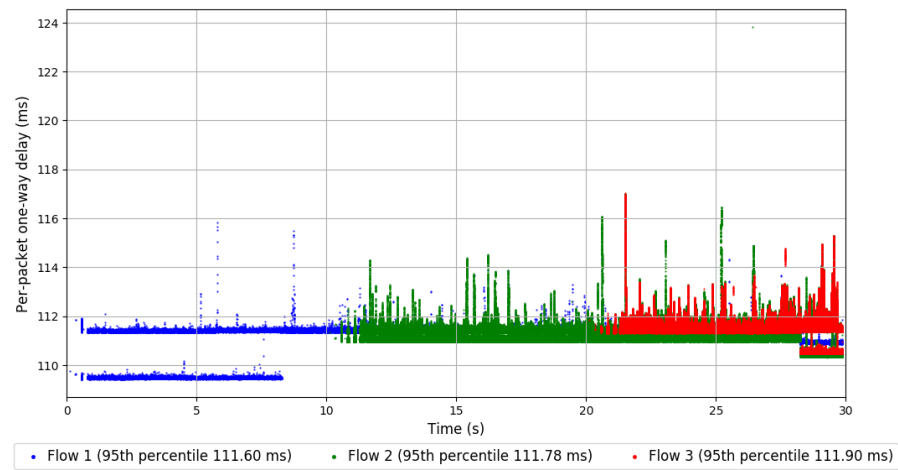
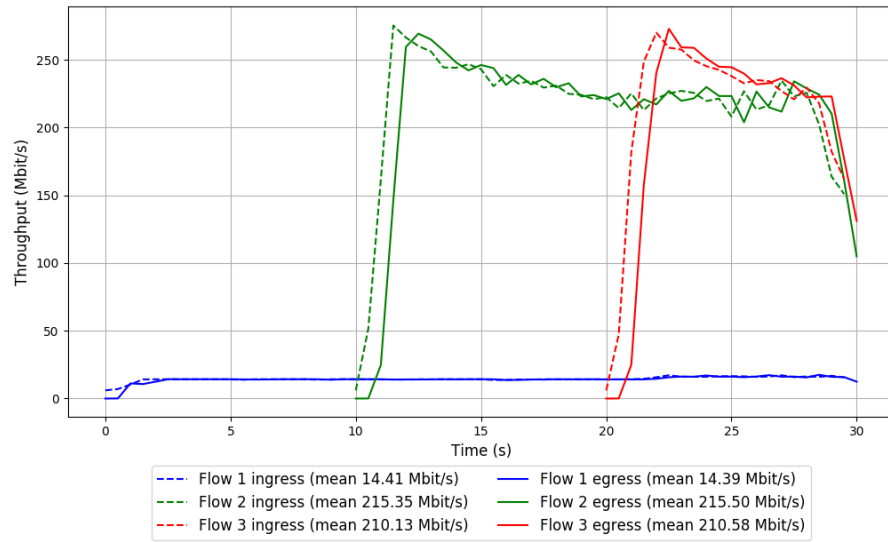


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-04 03:41:13
End at: 2018-07-04 03:41:43
Local clock offset: 0.085 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-04 09:57:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 226.32 Mbit/s
95th percentile per-packet one-way delay: 111.807 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 14.39 Mbit/s
95th percentile per-packet one-way delay: 111.602 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 215.50 Mbit/s
95th percentile per-packet one-way delay: 111.778 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 210.58 Mbit/s
95th percentile per-packet one-way delay: 111.903 ms
Loss rate: 2.03%

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

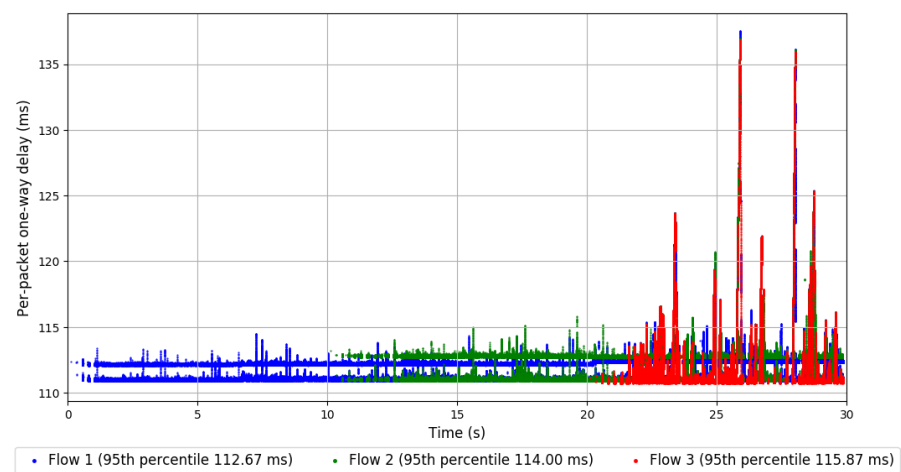
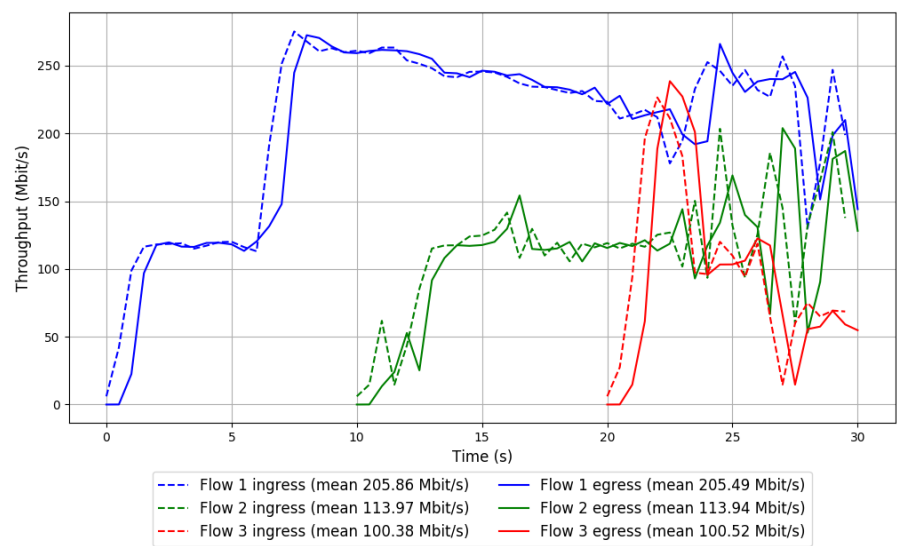


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-04 04:07:31
End at: 2018-07-04 04:08:01
Local clock offset: 1.072 ms
Remote clock offset: -0.567 ms

Below is generated by plot.py at 2018-07-04 10:00:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 313.87 Mbit/s
95th percentile per-packet one-way delay: 113.256 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 205.49 Mbit/s
95th percentile per-packet one-way delay: 112.670 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 113.94 Mbit/s
95th percentile per-packet one-way delay: 113.998 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 100.52 Mbit/s
95th percentile per-packet one-way delay: 115.870 ms
Loss rate: 2.09%

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

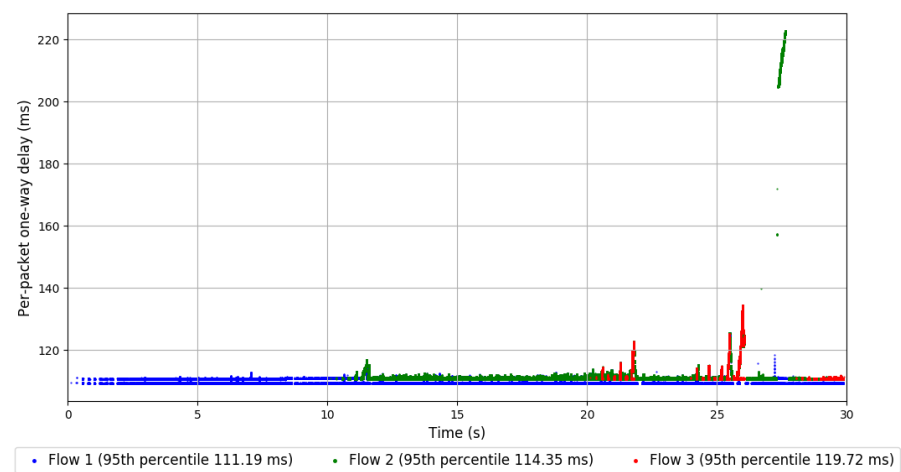
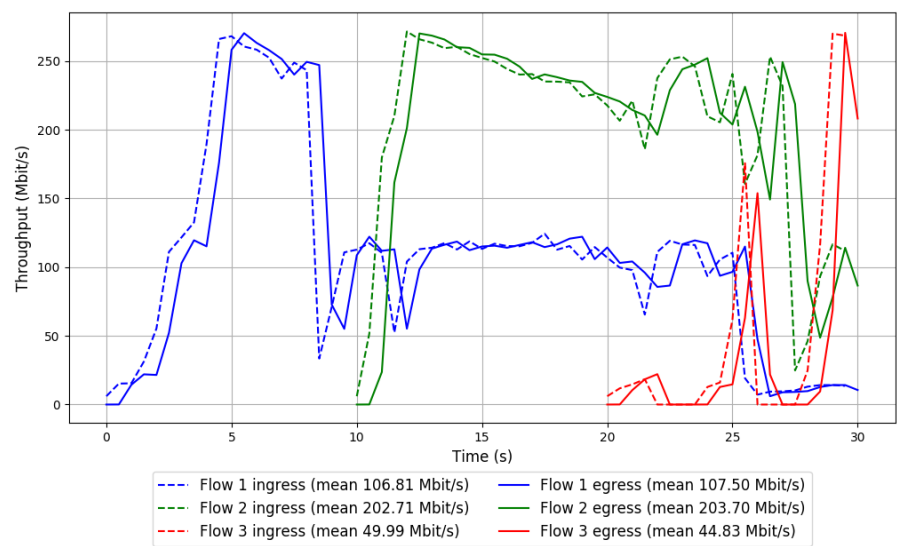


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-04 04:33:53
End at: 2018-07-04 04:34:23
Local clock offset: -0.05 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2018-07-04 10:00:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 257.37 Mbit/s
95th percentile per-packet one-way delay: 112.550 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 107.50 Mbit/s
95th percentile per-packet one-way delay: 111.193 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 203.70 Mbit/s
95th percentile per-packet one-way delay: 114.349 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 44.83 Mbit/s
95th percentile per-packet one-way delay: 119.724 ms
Loss rate: 12.32%

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

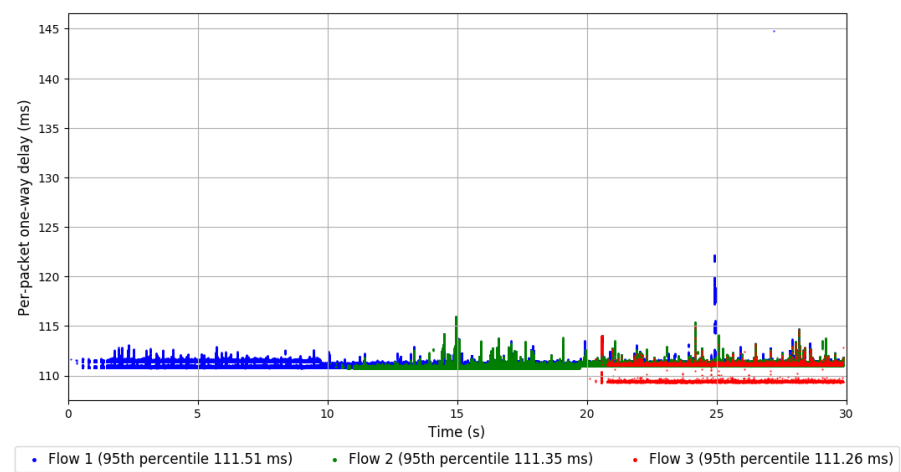
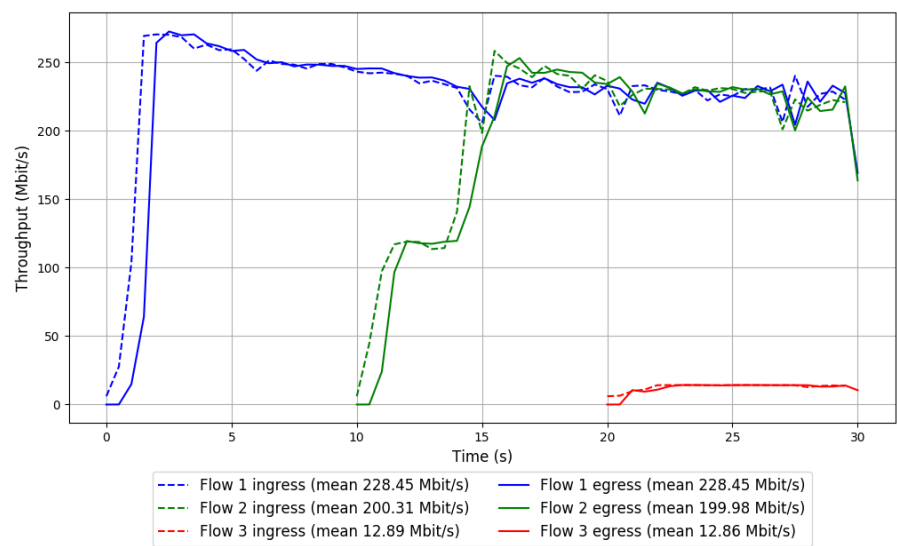


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-04 05:00:42
End at: 2018-07-04 05:01:12
Local clock offset: 0.192 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2018-07-04 10:02:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 365.41 Mbit/s
95th percentile per-packet one-way delay: 111.495 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 228.45 Mbit/s
95th percentile per-packet one-way delay: 111.507 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 199.98 Mbit/s
95th percentile per-packet one-way delay: 111.354 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 12.86 Mbit/s
95th percentile per-packet one-way delay: 111.261 ms
Loss rate: 2.44%

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

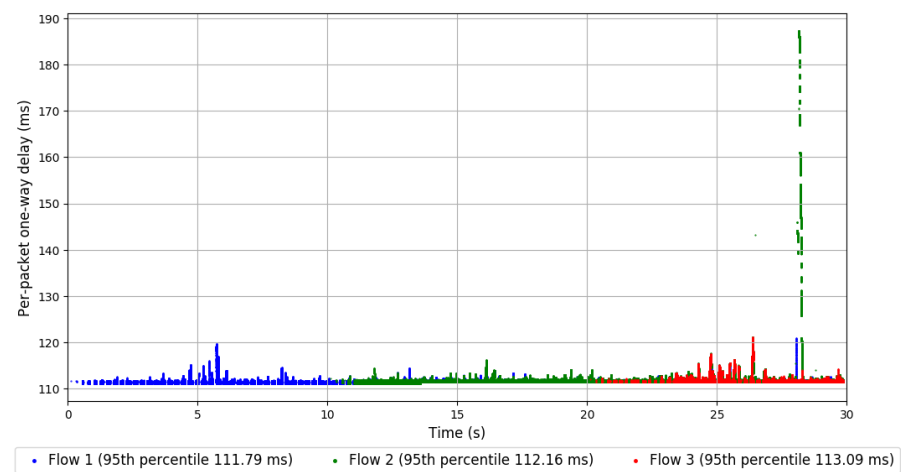
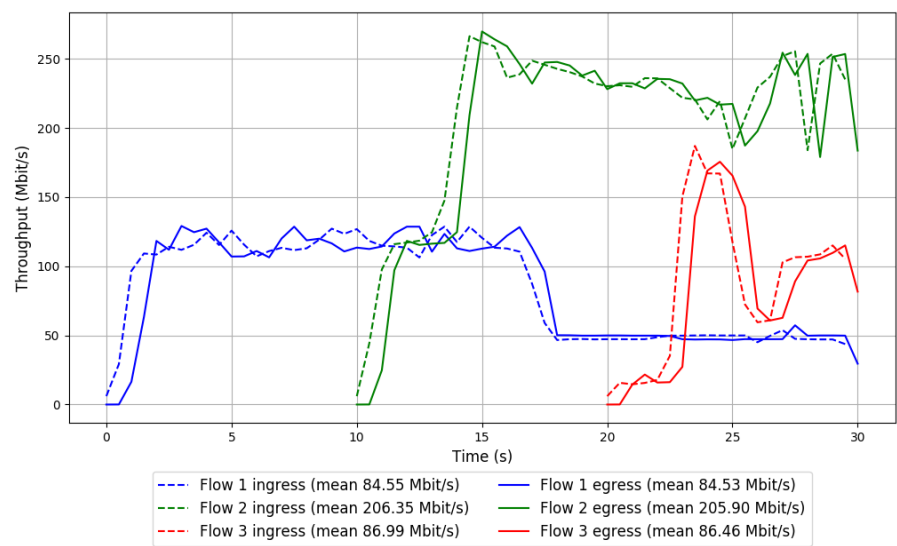


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-04 05:26:58
End at: 2018-07-04 05:27:28
Local clock offset: -0.094 ms
Remote clock offset: -0.585 ms

Below is generated by plot.py at 2018-07-04 10:02:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 249.45 Mbit/s
95th percentile per-packet one-way delay: 112.082 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 84.53 Mbit/s
95th percentile per-packet one-way delay: 111.790 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 205.90 Mbit/s
95th percentile per-packet one-way delay: 112.158 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 113.094 ms
Loss rate: 2.84%

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

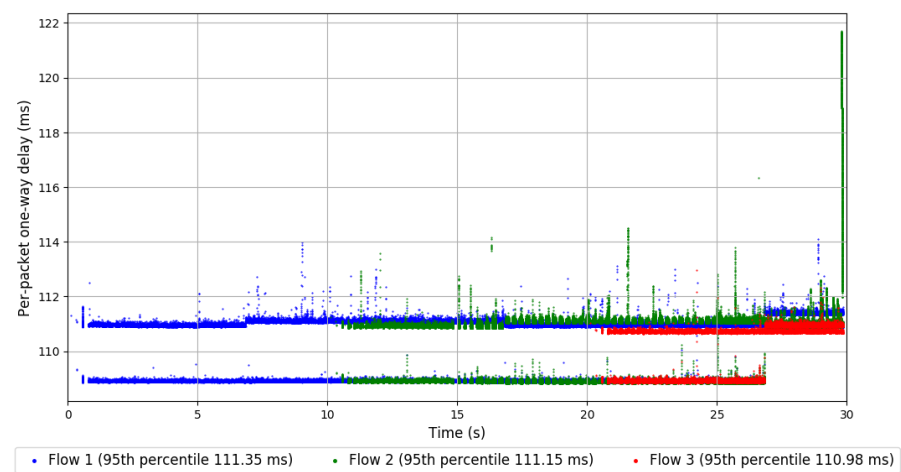
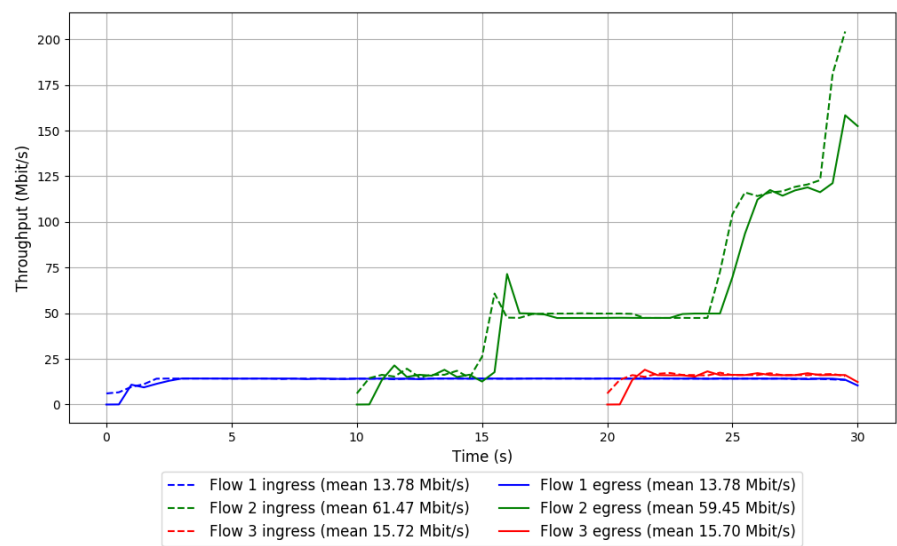


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-04 05:53:05
End at: 2018-07-04 05:53:35
Local clock offset: 0.041 ms
Remote clock offset: -0.197 ms

Below is generated by plot.py at 2018-07-04 10:02:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.38 Mbit/s
95th percentile per-packet one-way delay: 111.158 ms
Loss rate: 3.34%
-- Flow 1:
Average throughput: 13.78 Mbit/s
95th percentile per-packet one-way delay: 111.346 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 111.152 ms
Loss rate: 4.33%
-- Flow 3:
Average throughput: 15.70 Mbit/s
95th percentile per-packet one-way delay: 110.977 ms
Loss rate: 2.33%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-04 06:18:41

End at: 2018-07-04 06:19:11

Local clock offset: 0.049 ms

Remote clock offset: 0.162 ms

Below is generated by plot.py at 2018-07-04 10:02:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 256.83 Mbit/s

95th percentile per-packet one-way delay: 111.443 ms

Loss rate: 1.03%

-- Flow 1:

Average throughput: 181.55 Mbit/s

95th percentile per-packet one-way delay: 110.869 ms

Loss rate: 0.88%

-- Flow 2:

Average throughput: 14.24 Mbit/s

95th percentile per-packet one-way delay: 111.140 ms

Loss rate: 0.86%

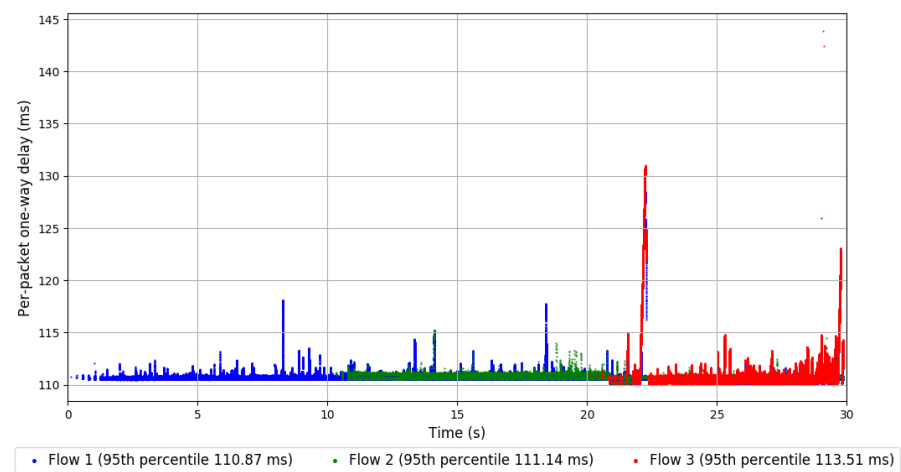
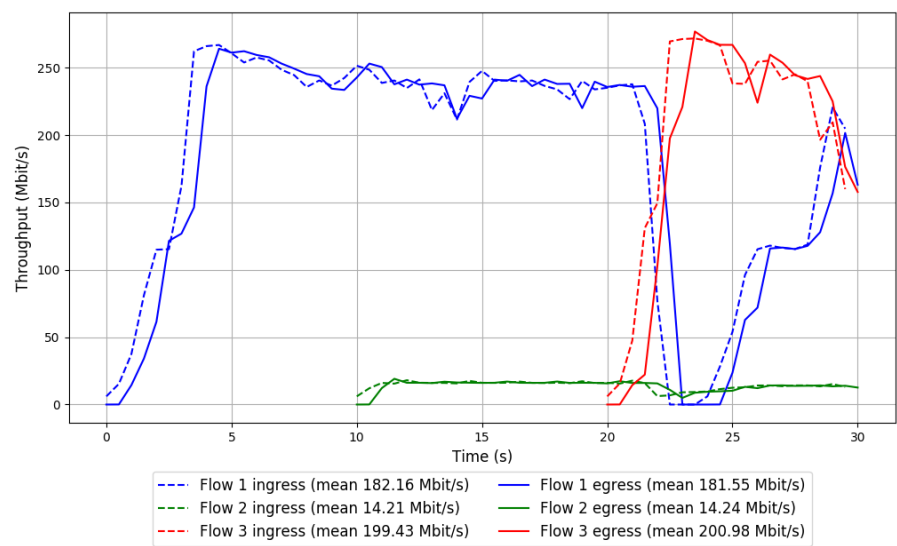
-- Flow 3:

Average throughput: 200.98 Mbit/s

95th percentile per-packet one-way delay: 113.510 ms

Loss rate: 1.46%

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

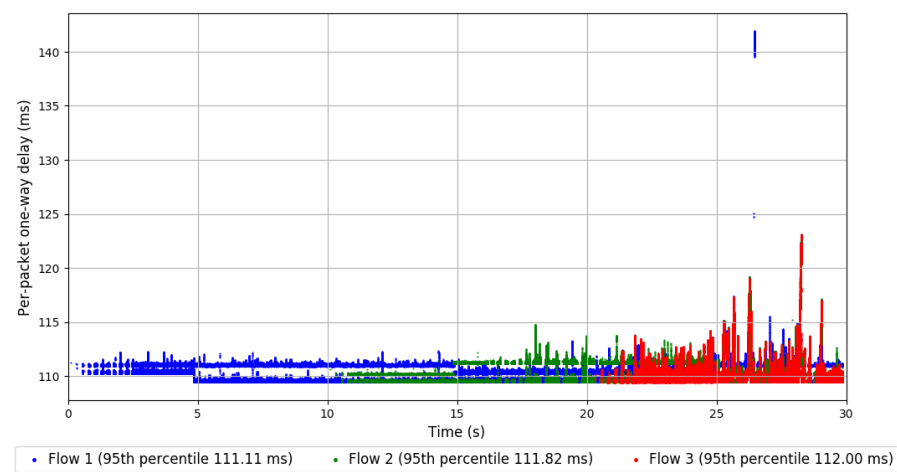
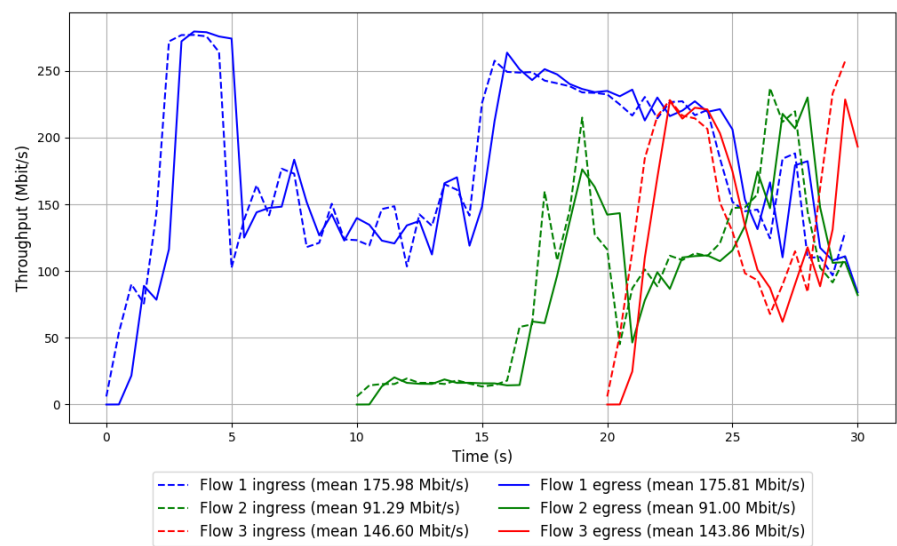


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-04 06:45:27
End at: 2018-07-04 06:45:57
Local clock offset: -0.013 ms
Remote clock offset: -0.247 ms

Below is generated by plot.py at 2018-07-04 10:04:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 283.29 Mbit/s
95th percentile per-packet one-way delay: 111.362 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 175.81 Mbit/s
95th percentile per-packet one-way delay: 111.115 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 91.00 Mbit/s
95th percentile per-packet one-way delay: 111.818 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 143.86 Mbit/s
95th percentile per-packet one-way delay: 112.002 ms
Loss rate: 4.04%

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

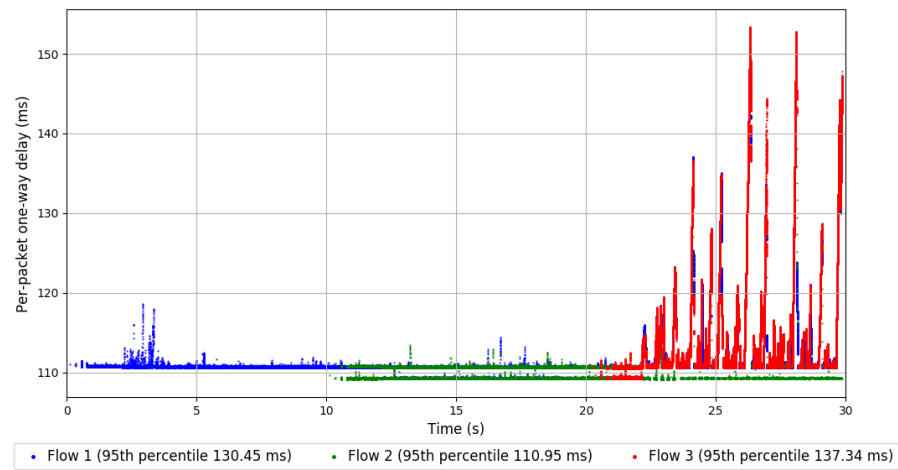
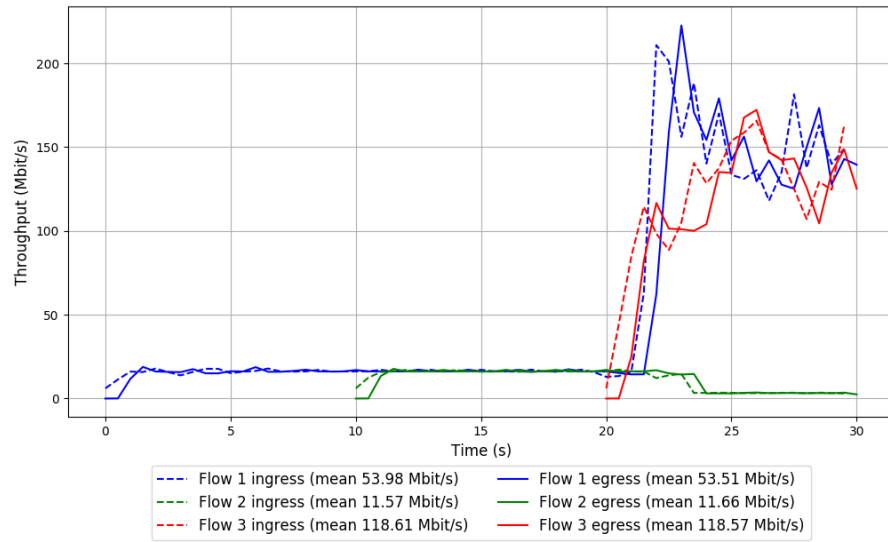


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-04 07:11:49
End at: 2018-07-04 07:12:19
Local clock offset: -0.255 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-07-04 10:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.08 Mbit/s
95th percentile per-packet one-way delay: 132.756 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 130.446 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 110.954 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 118.57 Mbit/s
95th percentile per-packet one-way delay: 137.335 ms
Loss rate: 2.25%

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

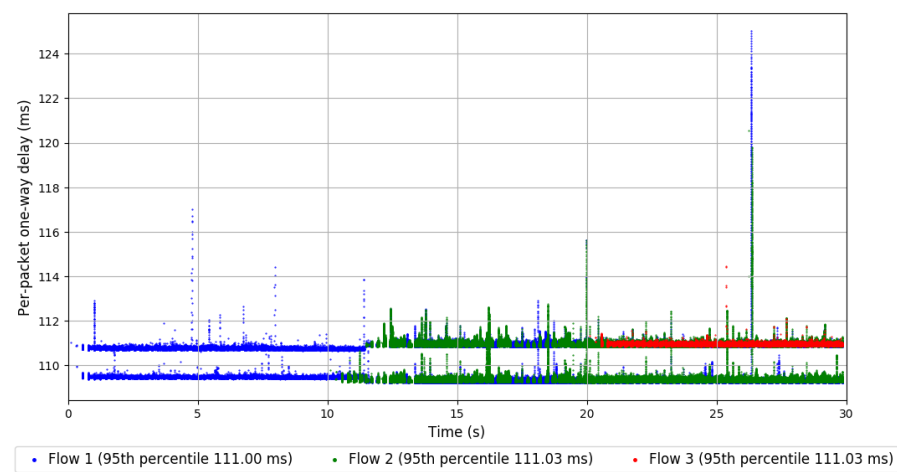
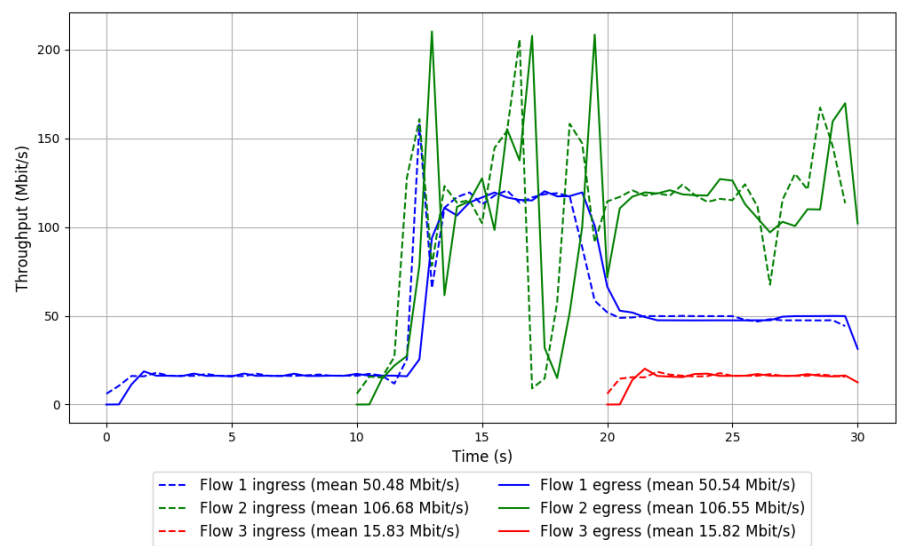


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-04 07:37:50
End at: 2018-07-04 07:38:20
Local clock offset: -0.049 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-07-04 10:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 126.44 Mbit/s
95th percentile per-packet one-way delay: 111.023 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 50.54 Mbit/s
95th percentile per-packet one-way delay: 111.004 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 106.55 Mbit/s
95th percentile per-packet one-way delay: 111.035 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 111.032 ms
Loss rate: 2.31%

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

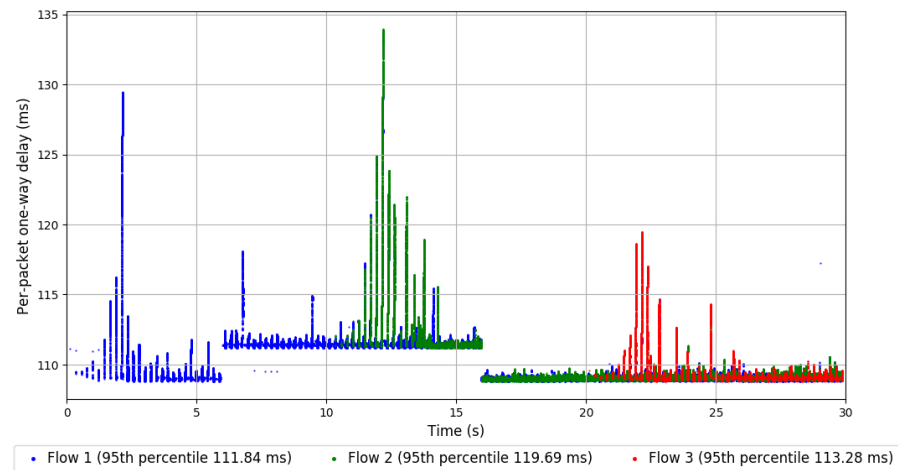
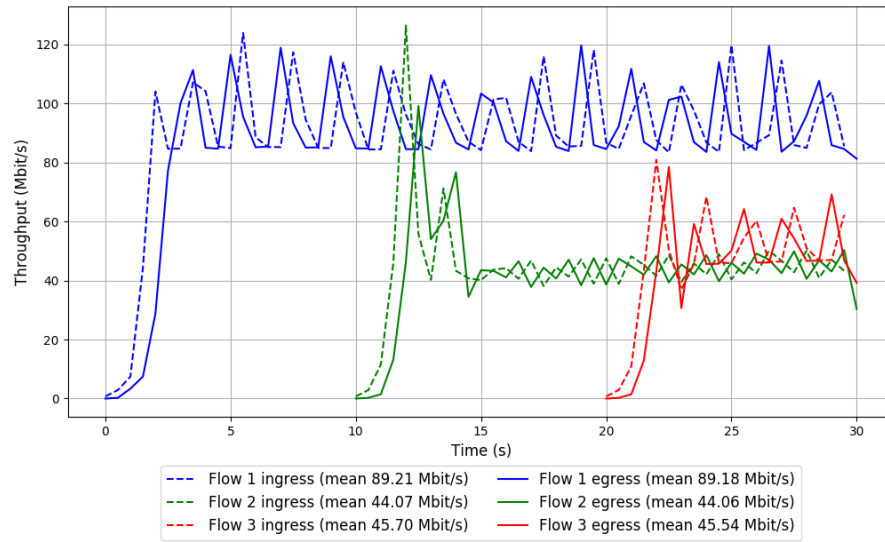


Run 1: Statistics of TCP Vegas

Start at: 2018-07-04 03:48:35
End at: 2018-07-04 03:49:05
Local clock offset: -0.035 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2018-07-04 10:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 133.31 Mbit/s
95th percentile per-packet one-way delay: 113.299 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 111.839 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 44.06 Mbit/s
95th percentile per-packet one-way delay: 119.690 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 45.54 Mbit/s
95th percentile per-packet one-way delay: 113.280 ms
Loss rate: 2.57%

Run 1: Report of TCP Vegas — Data Link

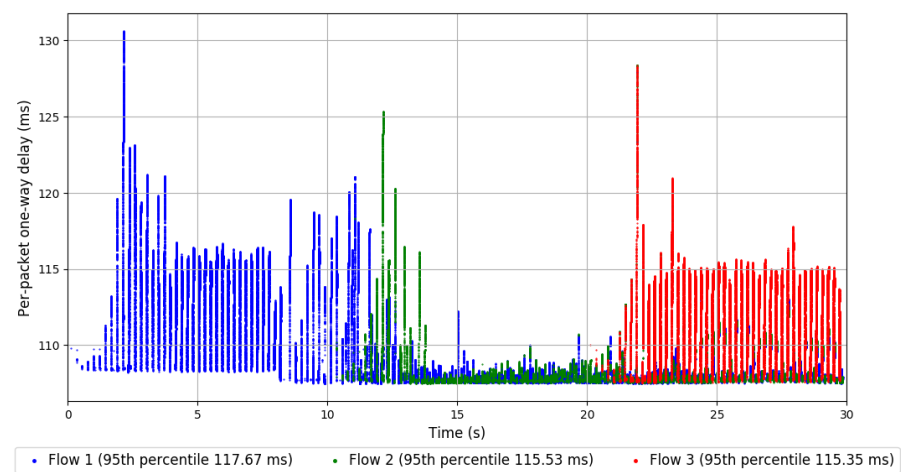
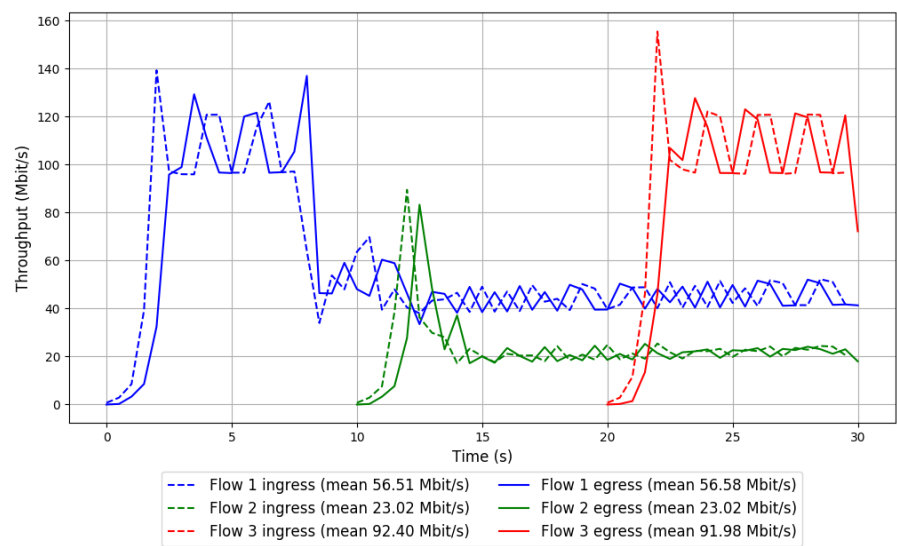


Run 2: Statistics of TCP Vegas

Start at: 2018-07-04 04:15:03
End at: 2018-07-04 04:15:33
Local clock offset: -1.277 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-04 10:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 101.57 Mbit/s
95th percentile per-packet one-way delay: 116.618 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 56.58 Mbit/s
95th percentile per-packet one-way delay: 117.665 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 23.02 Mbit/s
95th percentile per-packet one-way delay: 115.530 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 115.354 ms
Loss rate: 2.67%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-07-04 04:41:23

End at: 2018-07-04 04:41:53

Local clock offset: -0.113 ms

Remote clock offset: 0.135 ms

Below is generated by plot.py at 2018-07-04 10:04:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 136.70 Mbit/s

95th percentile per-packet one-way delay: 120.800 ms

Loss rate: 1.06%

-- Flow 1:

Average throughput: 102.64 Mbit/s

95th percentile per-packet one-way delay: 121.373 ms

Loss rate: 0.78%

-- Flow 2:

Average throughput: 25.77 Mbit/s

95th percentile per-packet one-way delay: 118.575 ms

Loss rate: 1.22%

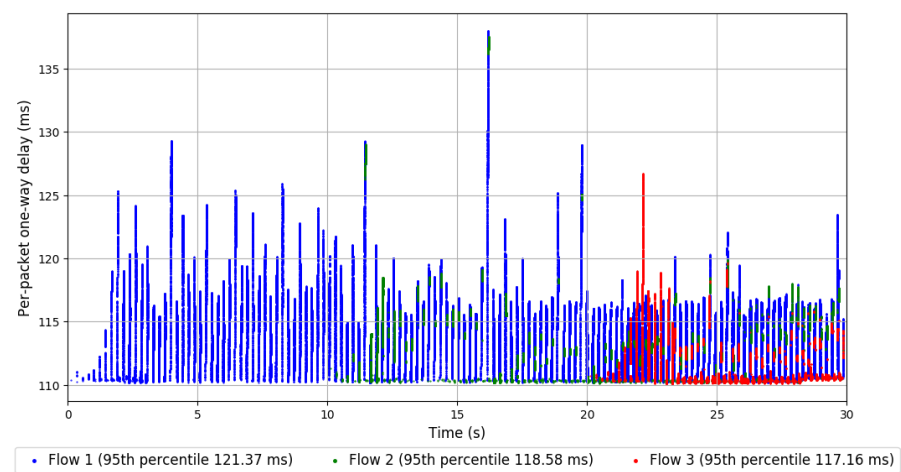
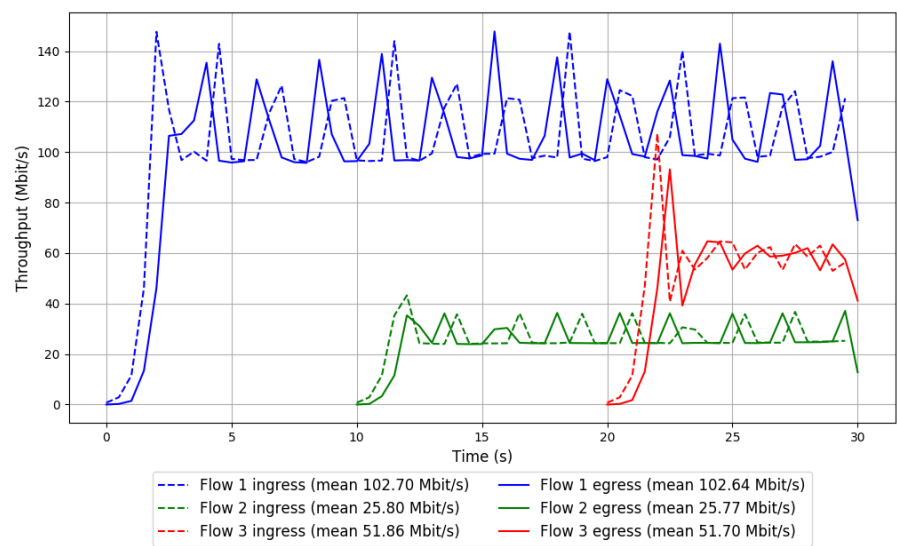
-- Flow 3:

Average throughput: 51.70 Mbit/s

95th percentile per-packet one-way delay: 117.157 ms

Loss rate: 2.54%

Run 3: Report of TCP Vegas — Data Link

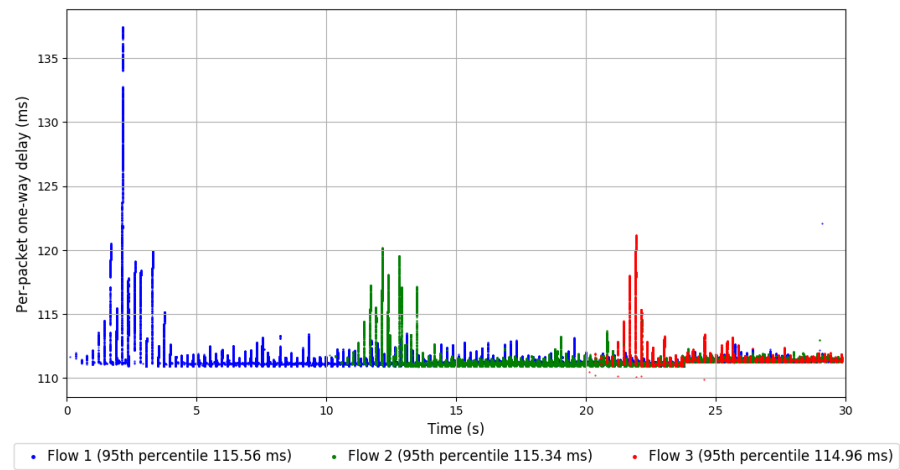
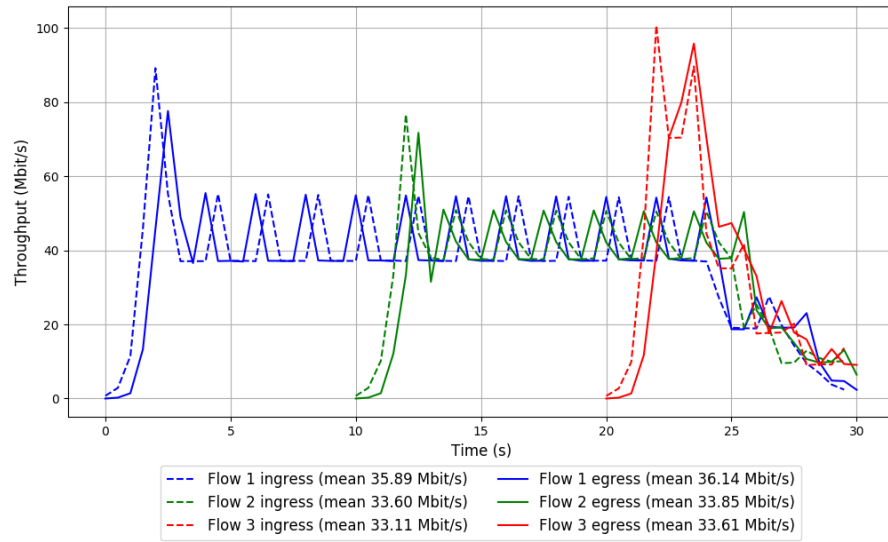


Run 4: Statistics of TCP Vegas

Start at: 2018-07-04 05:08:18
End at: 2018-07-04 05:08:48
Local clock offset: 0.041 ms
Remote clock offset: -0.306 ms

Below is generated by plot.py at 2018-07-04 10:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.56 Mbit/s
95th percentile per-packet one-way delay: 115.270 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 36.14 Mbit/s
95th percentile per-packet one-way delay: 115.560 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 115.336 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 33.61 Mbit/s
95th percentile per-packet one-way delay: 114.963 ms
Loss rate: 0.72%

Run 4: Report of TCP Vegas — Data Link

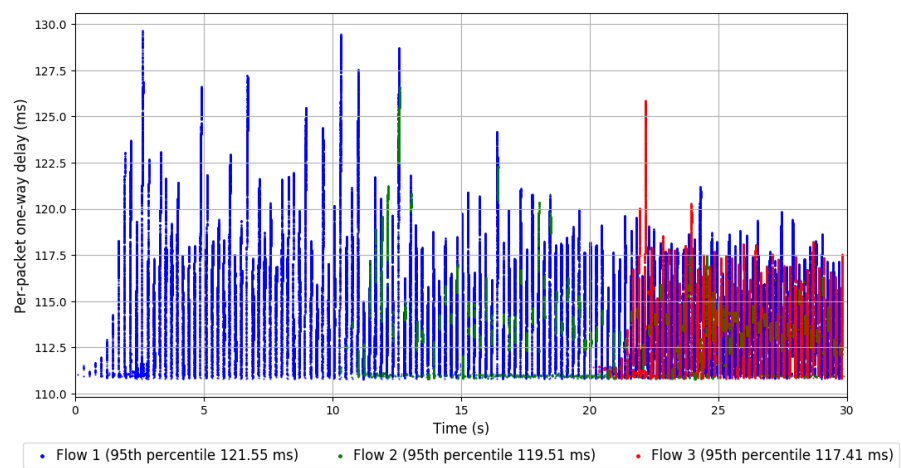
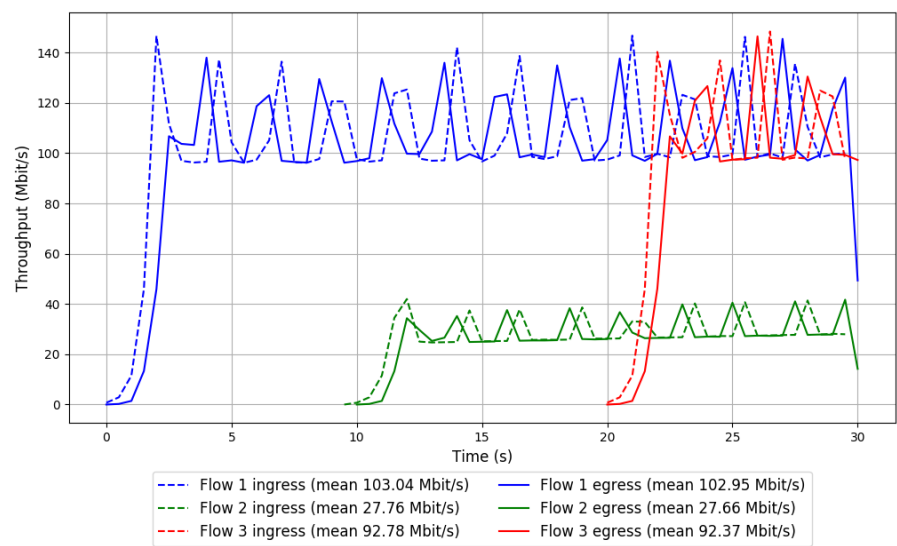


Run 5: Statistics of TCP Vegas

Start at: 2018-07-04 05:34:20
End at: 2018-07-04 05:34:50
Local clock offset: -0.033 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-04 10:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 150.82 Mbit/s
95th percentile per-packet one-way delay: 120.884 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 102.95 Mbit/s
95th percentile per-packet one-way delay: 121.547 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 27.66 Mbit/s
95th percentile per-packet one-way delay: 119.514 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 117.414 ms
Loss rate: 2.66%

Run 5: Report of TCP Vegas — Data Link

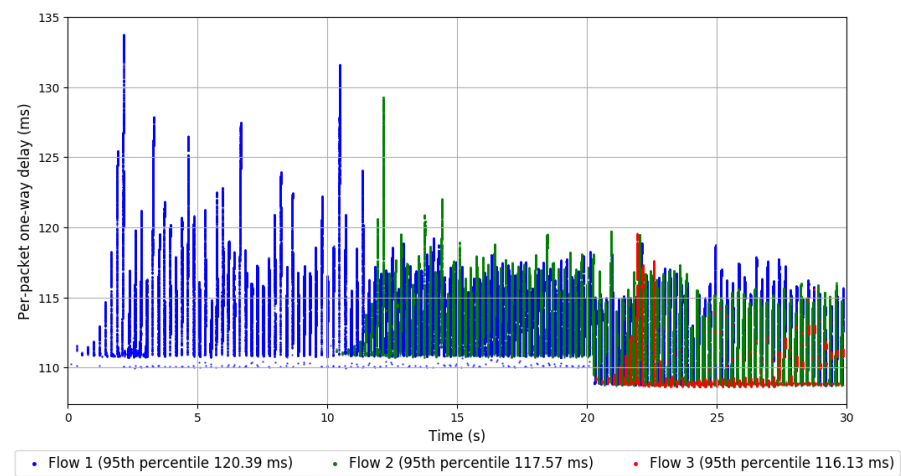
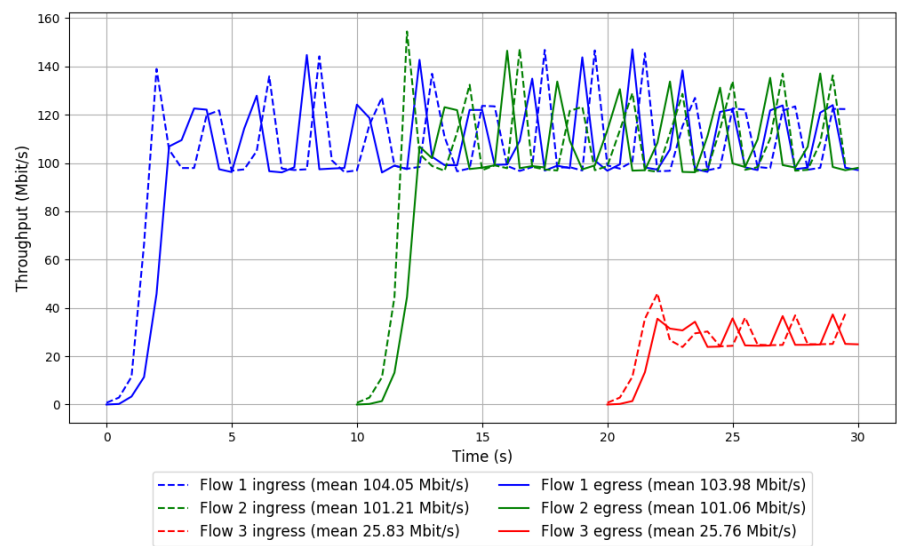


Run 6: Statistics of TCP Vegas

Start at: 2018-07-04 06:00:11
End at: 2018-07-04 06:00:41
Local clock offset: -0.139 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-04 10:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 179.23 Mbit/s
95th percentile per-packet one-way delay: 118.982 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 103.98 Mbit/s
95th percentile per-packet one-way delay: 120.395 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 101.06 Mbit/s
95th percentile per-packet one-way delay: 117.574 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 25.76 Mbit/s
95th percentile per-packet one-way delay: 116.129 ms
Loss rate: 2.45%

Run 6: Report of TCP Vegas — Data Link

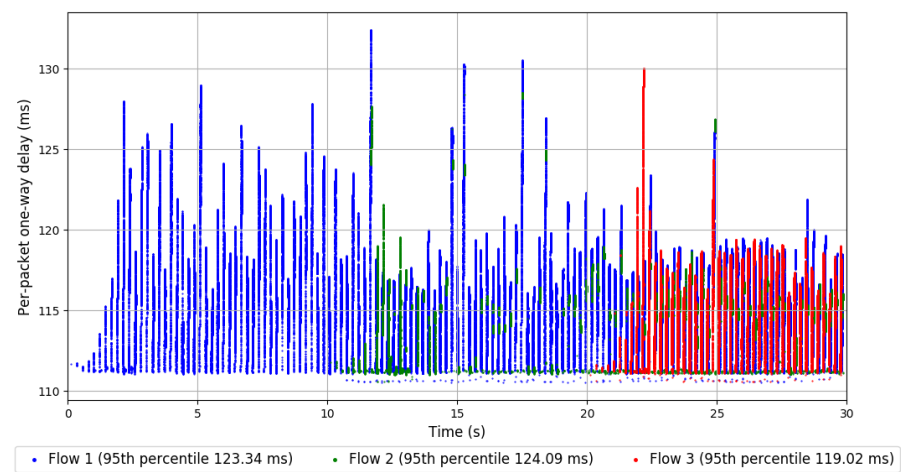
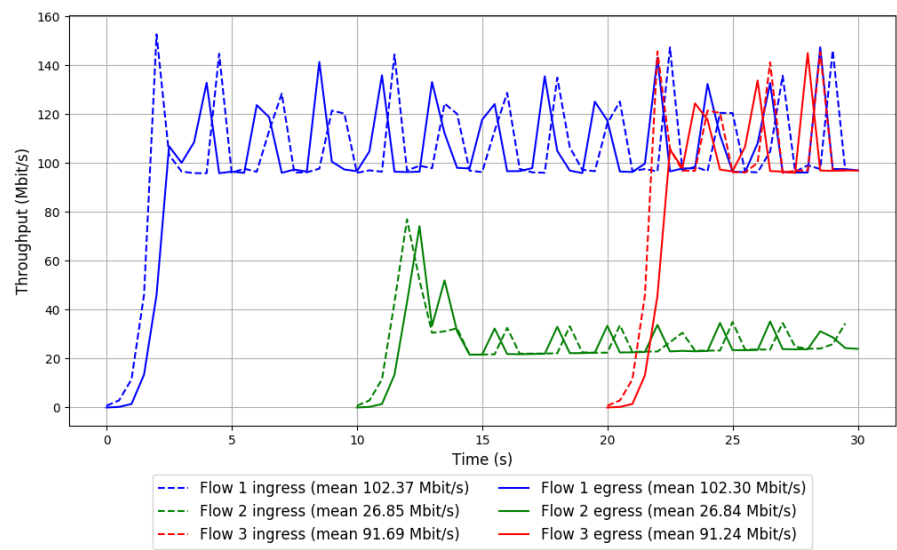


Run 7: Statistics of TCP Vegas

Start at: 2018-07-04 06:26:11
End at: 2018-07-04 06:26:41
Local clock offset: 0.177 ms
Remote clock offset: -0.614 ms

Below is generated by plot.py at 2018-07-04 10:04:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 149.69 Mbit/s
95th percentile per-packet one-way delay: 122.985 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 102.30 Mbit/s
95th percentile per-packet one-way delay: 123.338 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 124.089 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 91.24 Mbit/s
95th percentile per-packet one-way delay: 119.018 ms
Loss rate: 2.68%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-07-04 06:53:01

End at: 2018-07-04 06:53:31

Local clock offset: 1.452 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2018-07-04 10:04:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.96 Mbit/s

95th percentile per-packet one-way delay: 120.205 ms

Loss rate: 1.11%

-- Flow 1:

Average throughput: 31.94 Mbit/s

95th percentile per-packet one-way delay: 118.644 ms

Loss rate: 0.66%

-- Flow 2:

Average throughput: 66.62 Mbit/s

95th percentile per-packet one-way delay: 121.638 ms

Loss rate: 0.83%

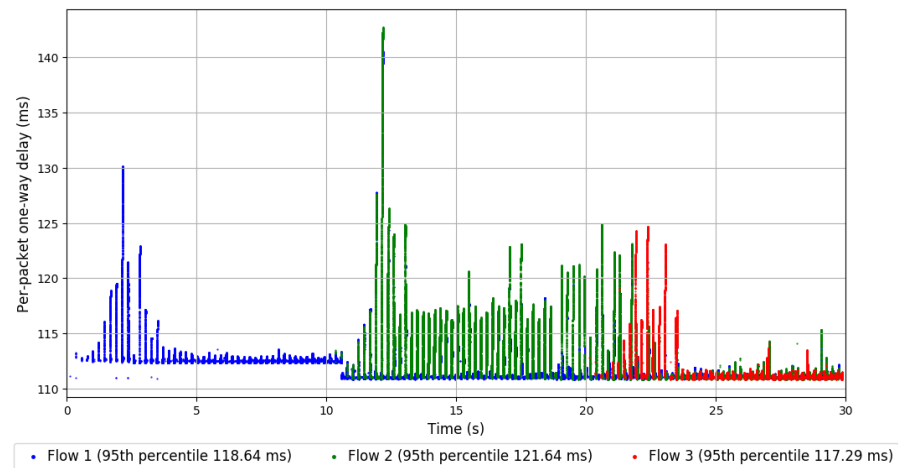
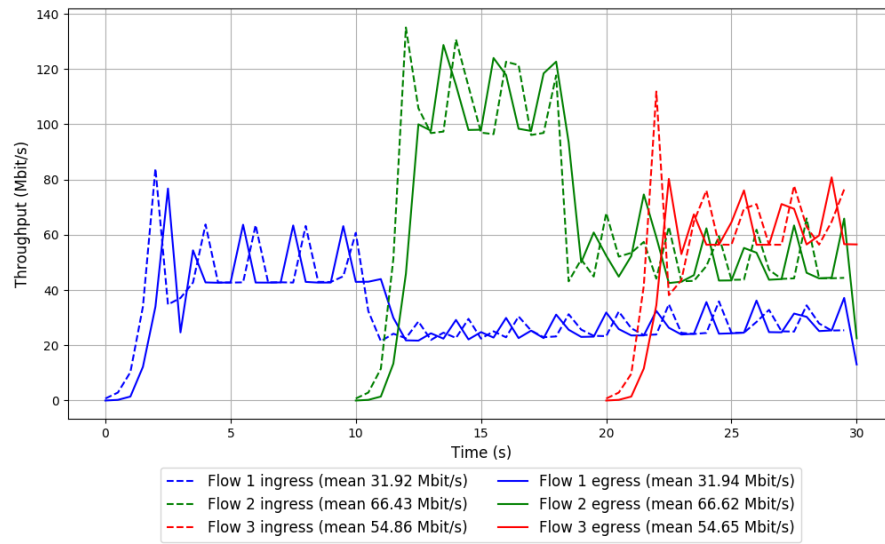
-- Flow 3:

Average throughput: 54.65 Mbit/s

95th percentile per-packet one-way delay: 117.291 ms

Loss rate: 2.58%

Run 8: Report of TCP Vegas — Data Link

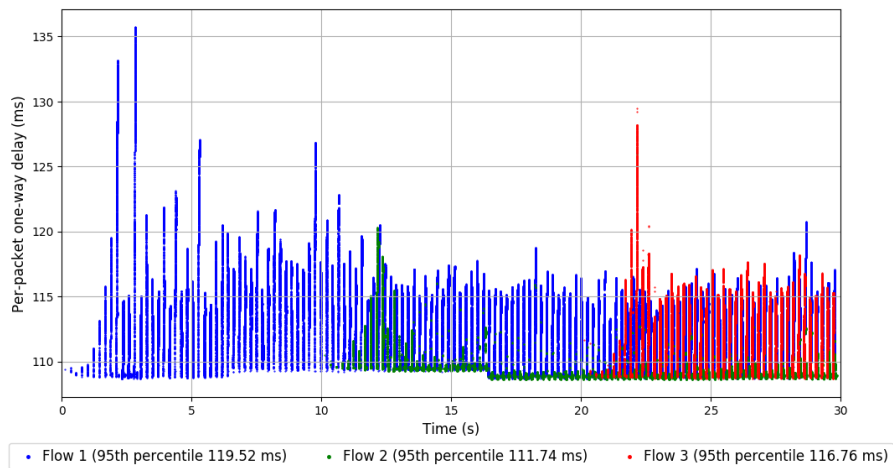
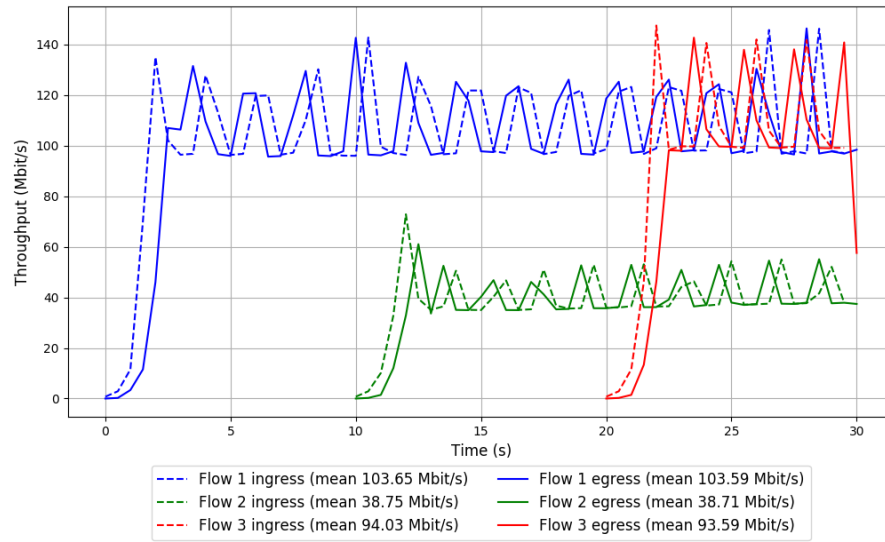


Run 9: Statistics of TCP Vegas

Start at: 2018-07-04 07:19:05
End at: 2018-07-04 07:19:35
Local clock offset: -0.158 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-07-04 10:04:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 159.17 Mbit/s
95th percentile per-packet one-way delay: 118.491 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 103.59 Mbit/s
95th percentile per-packet one-way delay: 119.524 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 38.71 Mbit/s
95th percentile per-packet one-way delay: 111.737 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 93.59 Mbit/s
95th percentile per-packet one-way delay: 116.756 ms
Loss rate: 2.68%

Run 9: Report of TCP Vegas — Data Link

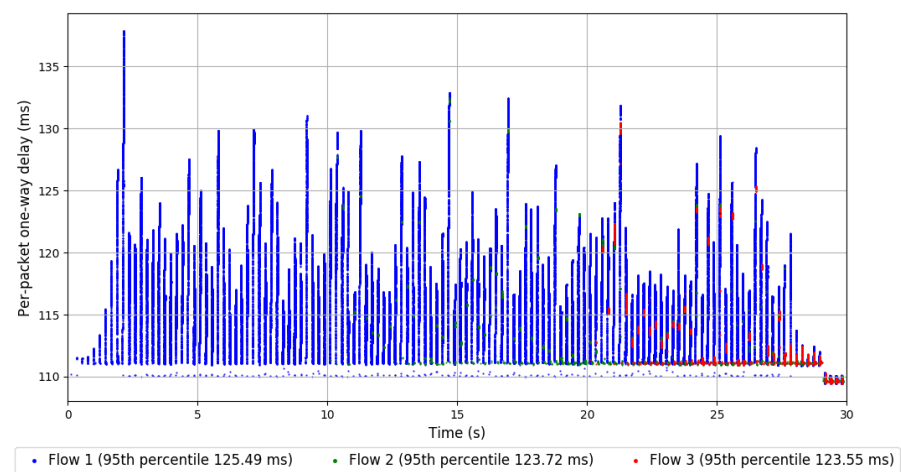
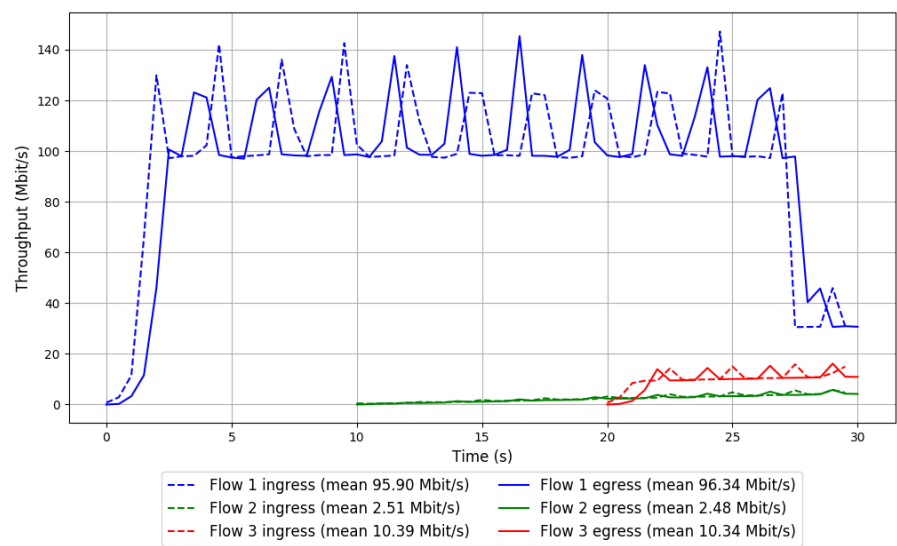


Run 10: Statistics of TCP Vegas

Start at: 2018-07-04 07:45:02
End at: 2018-07-04 07:45:32
Local clock offset: -0.014 ms
Remote clock offset: -0.204 ms

Below is generated by plot.py at 2018-07-04 10:04:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 101.36 Mbit/s
95th percentile per-packet one-way delay: 125.405 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 125.492 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 2.48 Mbit/s
95th percentile per-packet one-way delay: 123.719 ms
Loss rate: 2.28%
-- Flow 3:
Average throughput: 10.34 Mbit/s
95th percentile per-packet one-way delay: 123.552 ms
Loss rate: 2.70%

Run 10: Report of TCP Vegas — Data Link

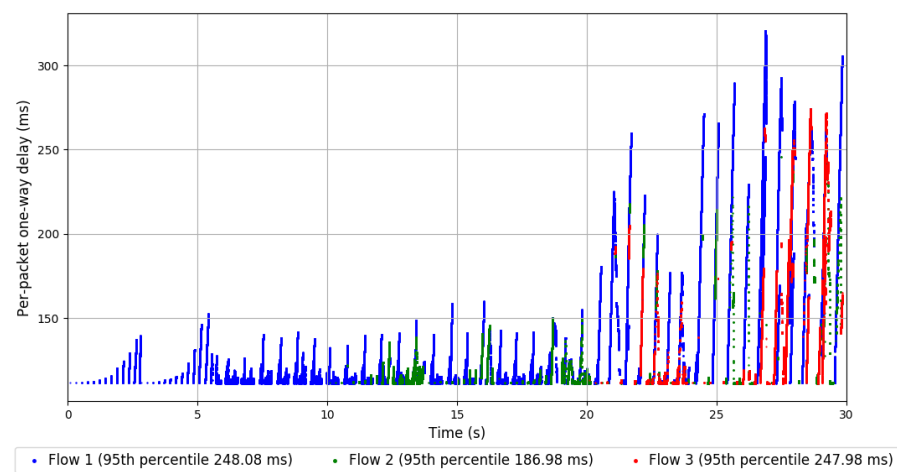
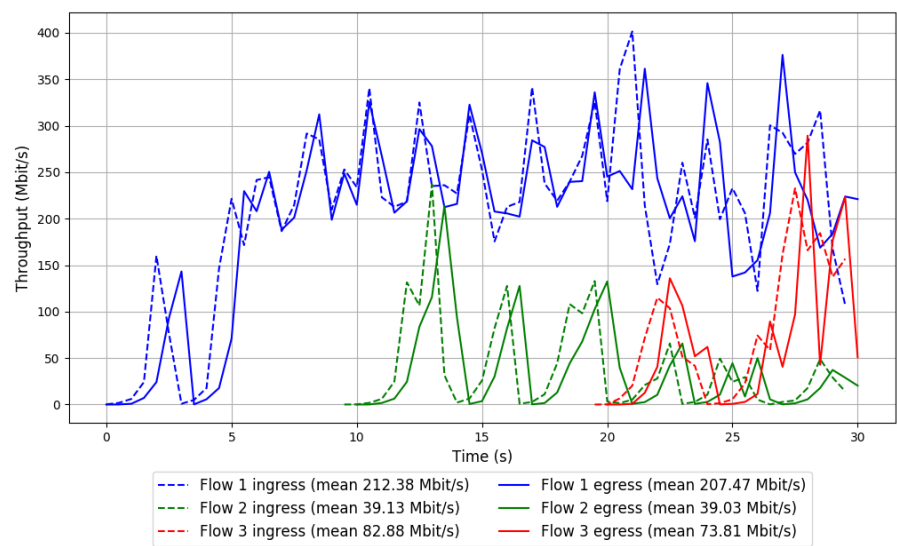


Run 1: Statistics of Verus

Start at: 2018-07-04 03:34:16
End at: 2018-07-04 03:34:46
Local clock offset: -0.052 ms
Remote clock offset: -0.174 ms

Below is generated by plot.py at 2018-07-04 10:06:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 257.51 Mbit/s
95th percentile per-packet one-way delay: 244.030 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 207.47 Mbit/s
95th percentile per-packet one-way delay: 248.078 ms
Loss rate: 1.75%
-- Flow 2:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 186.980 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 73.81 Mbit/s
95th percentile per-packet one-way delay: 247.979 ms
Loss rate: 10.99%

Run 1: Report of Verus — Data Link

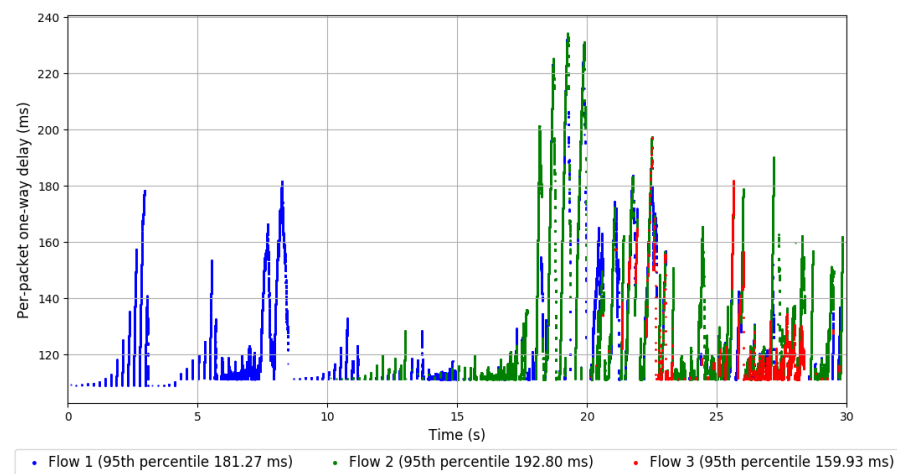
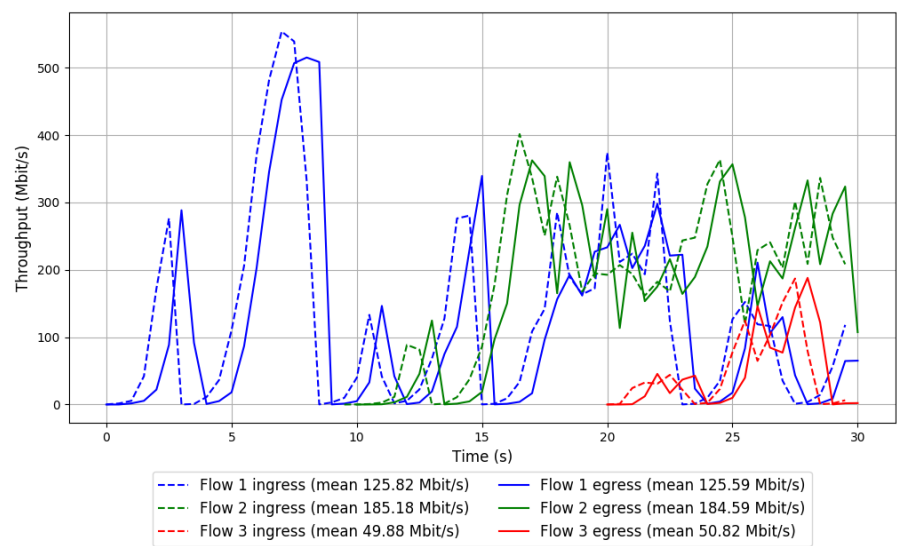


Run 2: Statistics of Verus

Start at: 2018-07-04 04:00:37
End at: 2018-07-04 04:01:07
Local clock offset: -0.094 ms
Remote clock offset: -0.178 ms

Below is generated by plot.py at 2018-07-04 10:08:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 264.09 Mbit/s
95th percentile per-packet one-way delay: 185.751 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 125.59 Mbit/s
95th percentile per-packet one-way delay: 181.274 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 184.59 Mbit/s
95th percentile per-packet one-way delay: 192.800 ms
Loss rate: 1.50%
-- Flow 3:
Average throughput: 50.82 Mbit/s
95th percentile per-packet one-way delay: 159.926 ms
Loss rate: 0.44%

Run 2: Report of Verus — Data Link

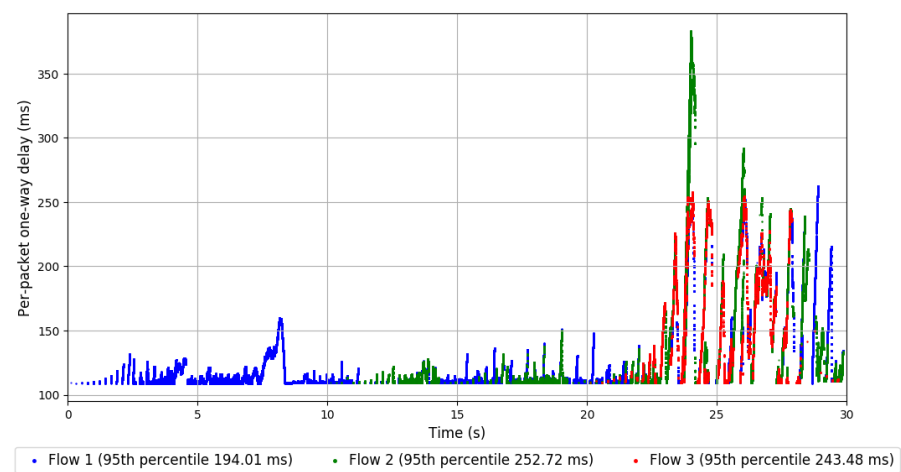
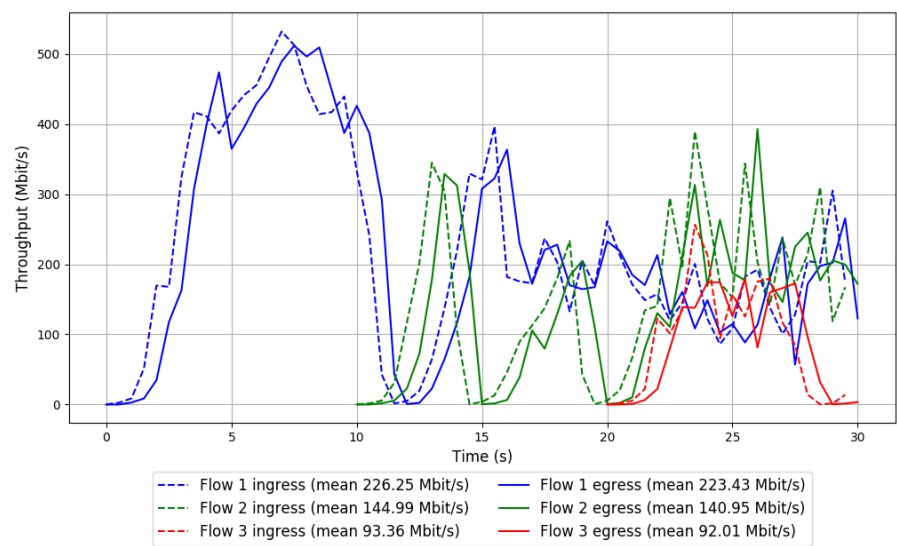


Run 3: Statistics of Verus

Start at: 2018-07-04 04:26:53
End at: 2018-07-04 04:27:23
Local clock offset: -0.067 ms
Remote clock offset: -0.231 ms

Below is generated by plot.py at 2018-07-04 10:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 346.45 Mbit/s
95th percentile per-packet one-way delay: 230.200 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 223.43 Mbit/s
95th percentile per-packet one-way delay: 194.014 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 140.95 Mbit/s
95th percentile per-packet one-way delay: 252.718 ms
Loss rate: 2.98%
-- Flow 3:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: 243.483 ms
Loss rate: 3.72%

Run 3: Report of Verus — Data Link

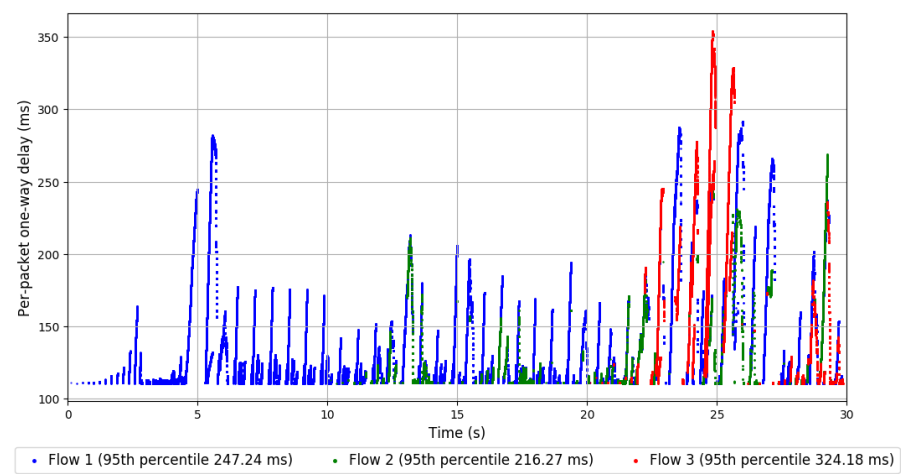
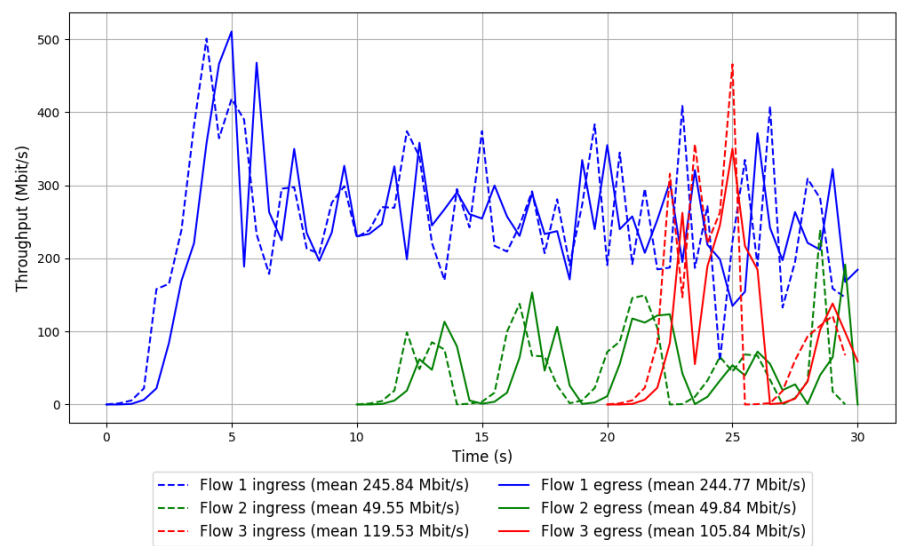


Run 4: Statistics of Verus

Start at: 2018-07-04 04:53:30
End at: 2018-07-04 04:54:00
Local clock offset: 0.173 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2018-07-04 10:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 312.11 Mbit/s
95th percentile per-packet one-way delay: 261.470 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 244.77 Mbit/s
95th percentile per-packet one-way delay: 247.244 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 49.84 Mbit/s
95th percentile per-packet one-way delay: 216.273 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 105.84 Mbit/s
95th percentile per-packet one-way delay: 324.184 ms
Loss rate: 12.55%

Run 4: Report of Verus — Data Link

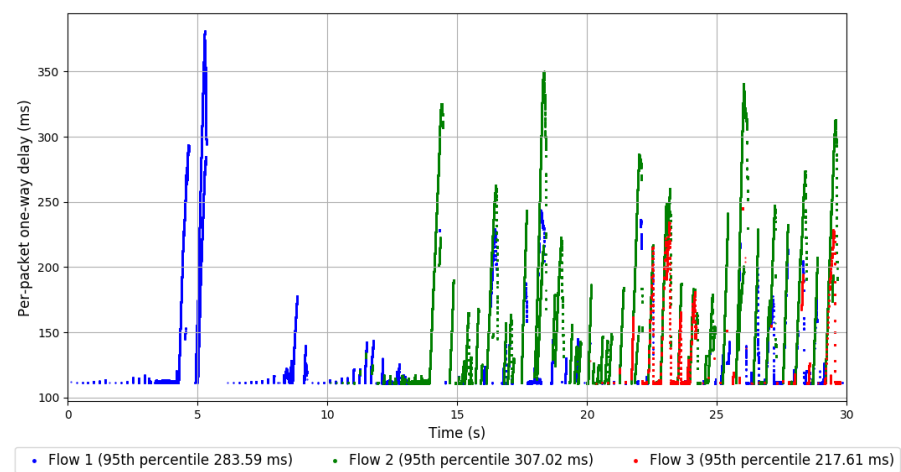
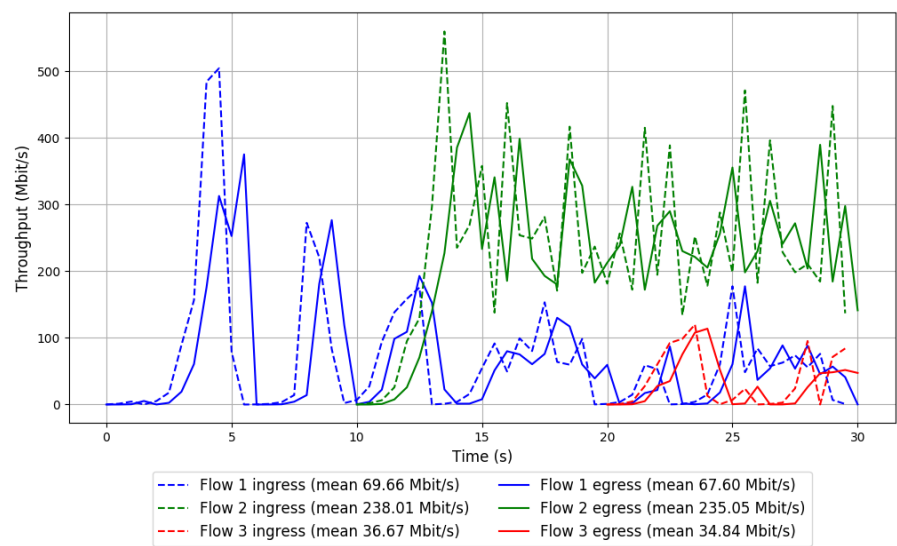


Run 5: Statistics of Verus

Start at: 2018-07-04 05:20:02
End at: 2018-07-04 05:20:32
Local clock offset: -0.077 ms
Remote clock offset: -0.261 ms

Below is generated by plot.py at 2018-07-04 10:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 233.13 Mbit/s
95th percentile per-packet one-way delay: 296.668 ms
Loss rate: 3.74%
-- Flow 1:
Average throughput: 67.60 Mbit/s
95th percentile per-packet one-way delay: 283.589 ms
Loss rate: 3.68%
-- Flow 2:
Average throughput: 235.05 Mbit/s
95th percentile per-packet one-way delay: 307.025 ms
Loss rate: 3.43%
-- Flow 3:
Average throughput: 34.84 Mbit/s
95th percentile per-packet one-way delay: 217.614 ms
Loss rate: 8.03%

Run 5: Report of Verus — Data Link

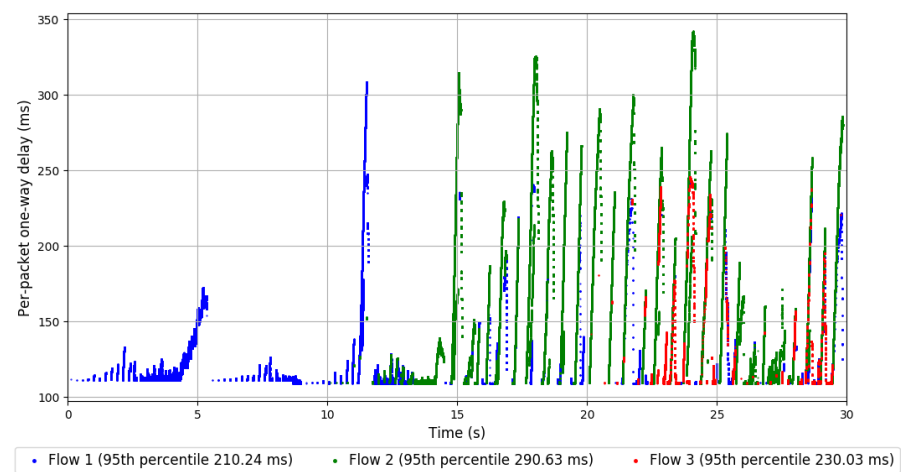
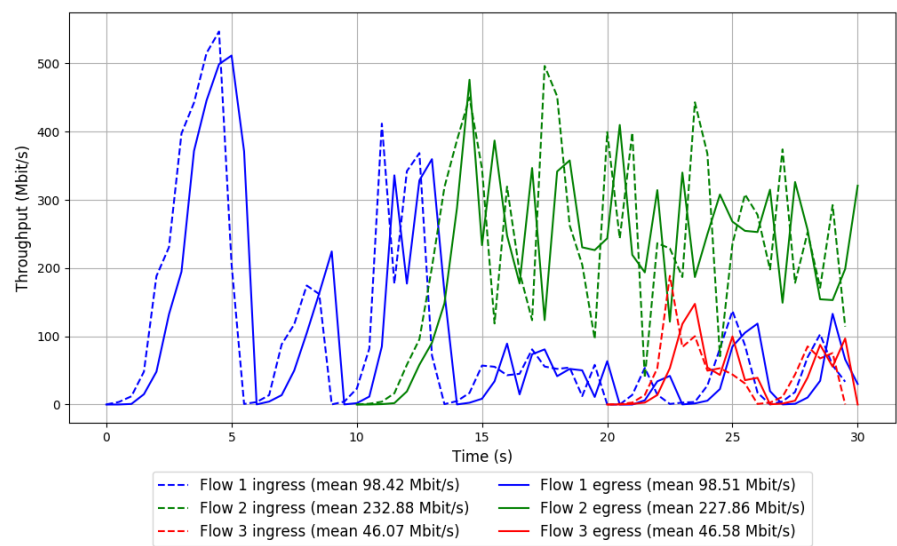


Run 6: Statistics of Verus

Start at: 2018-07-04 05:46:13
End at: 2018-07-04 05:46:43
Local clock offset: -0.127 ms
Remote clock offset: -0.566 ms

Below is generated by plot.py at 2018-07-04 10:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 264.70 Mbit/s
95th percentile per-packet one-way delay: 273.675 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 98.51 Mbit/s
95th percentile per-packet one-way delay: 210.236 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 227.86 Mbit/s
95th percentile per-packet one-way delay: 290.634 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 46.58 Mbit/s
95th percentile per-packet one-way delay: 230.033 ms
Loss rate: 1.49%

Run 6: Report of Verus — Data Link

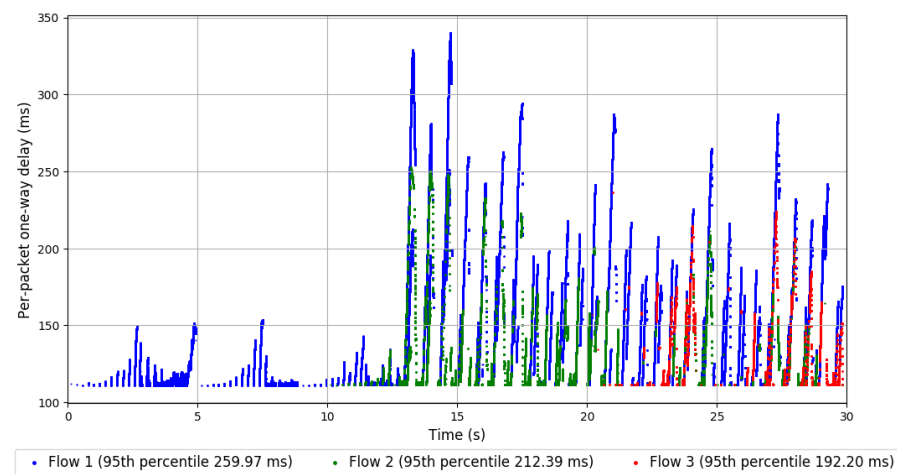
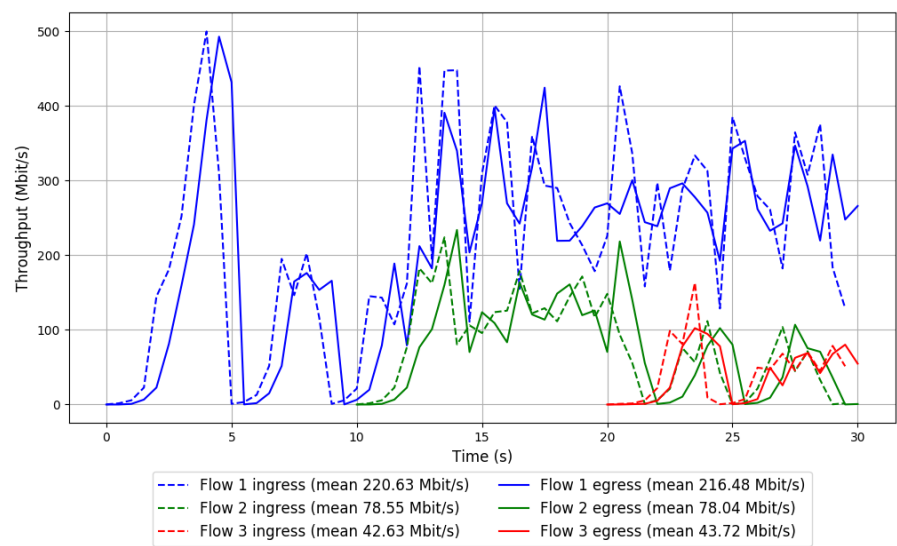


Run 7: Statistics of Verus

Start at: 2018-07-04 06:12:01
End at: 2018-07-04 06:12:31
Local clock offset: -0.039 ms
Remote clock offset: -0.6 ms

Below is generated by plot.py at 2018-07-04 10:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 282.42 Mbit/s
95th percentile per-packet one-way delay: 252.053 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 216.48 Mbit/s
95th percentile per-packet one-way delay: 259.972 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 78.04 Mbit/s
95th percentile per-packet one-way delay: 212.389 ms
Loss rate: 1.75%
-- Flow 3:
Average throughput: 43.72 Mbit/s
95th percentile per-packet one-way delay: 192.196 ms
Loss rate: 0.48%

Run 7: Report of Verus — Data Link

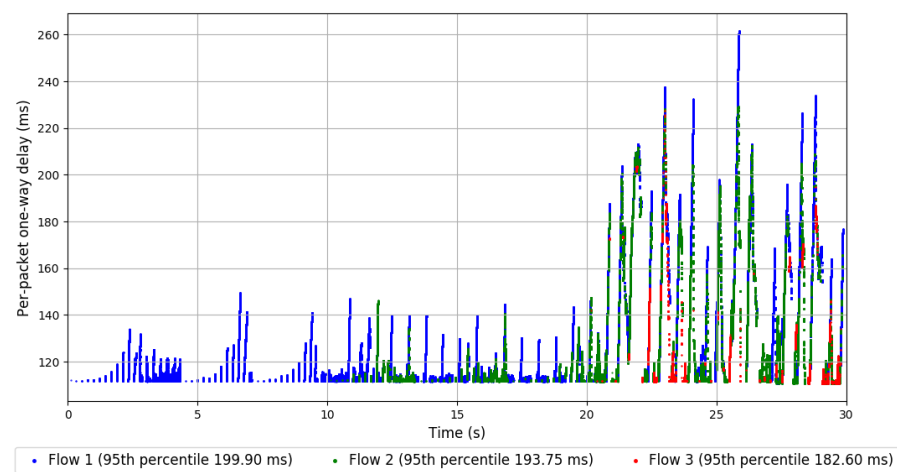
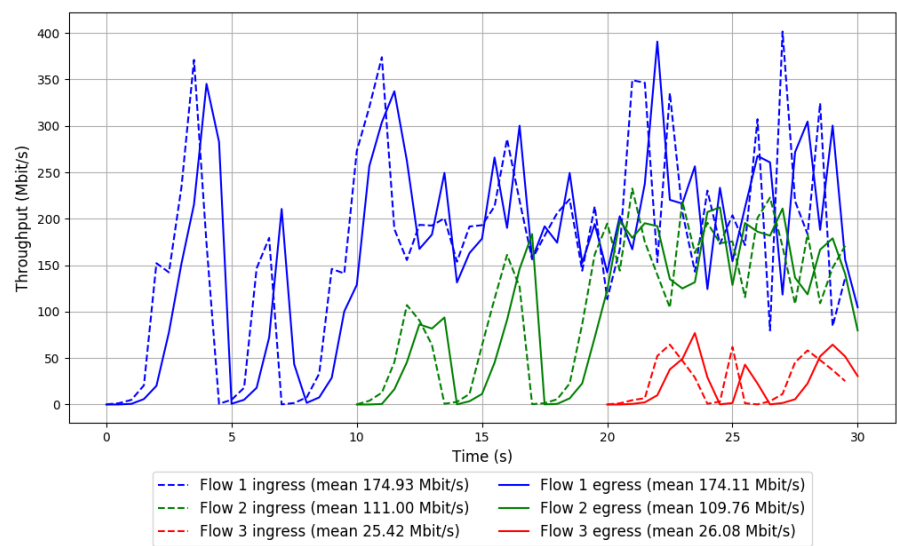


Run 8: Statistics of Verus

Start at: 2018-07-04 06:38:24
End at: 2018-07-04 06:38:54
Local clock offset: 1.254 ms
Remote clock offset: -0.224 ms

Below is generated by plot.py at 2018-07-04 10:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 255.37 Mbit/s
95th percentile per-packet one-way delay: 197.349 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 174.11 Mbit/s
95th percentile per-packet one-way delay: 199.904 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 109.76 Mbit/s
95th percentile per-packet one-way delay: 193.752 ms
Loss rate: 2.23%
-- Flow 3:
Average throughput: 26.08 Mbit/s
95th percentile per-packet one-way delay: 182.604 ms
Loss rate: 0.01%

Run 8: Report of Verus — Data Link

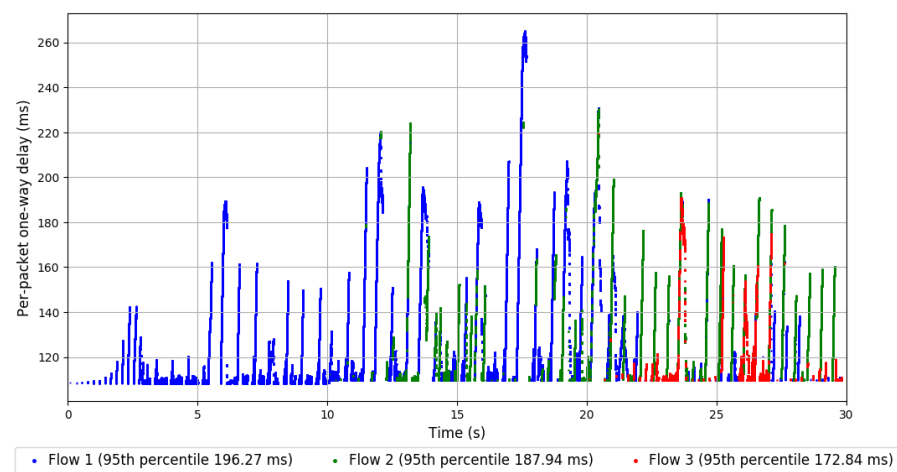
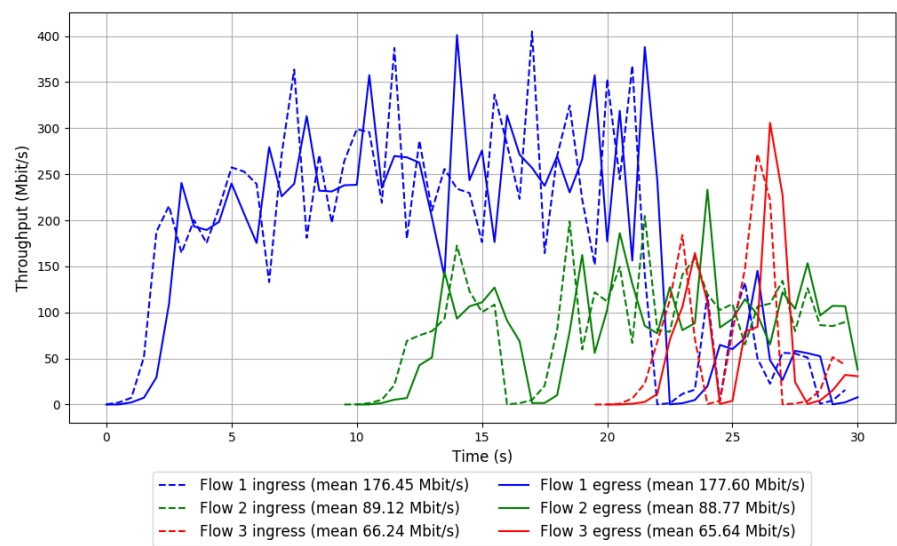


Run 9: Statistics of Verus

Start at: 2018-07-04 07:04:51
End at: 2018-07-04 07:05:21
Local clock offset: -1.284 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-07-04 10:11:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 256.91 Mbit/s
95th percentile per-packet one-way delay: 192.705 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 177.60 Mbit/s
95th percentile per-packet one-way delay: 196.268 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 187.941 ms
Loss rate: 2.53%
-- Flow 3:
Average throughput: 65.64 Mbit/s
95th percentile per-packet one-way delay: 172.837 ms
Loss rate: 2.43%

Run 9: Report of Verus — Data Link

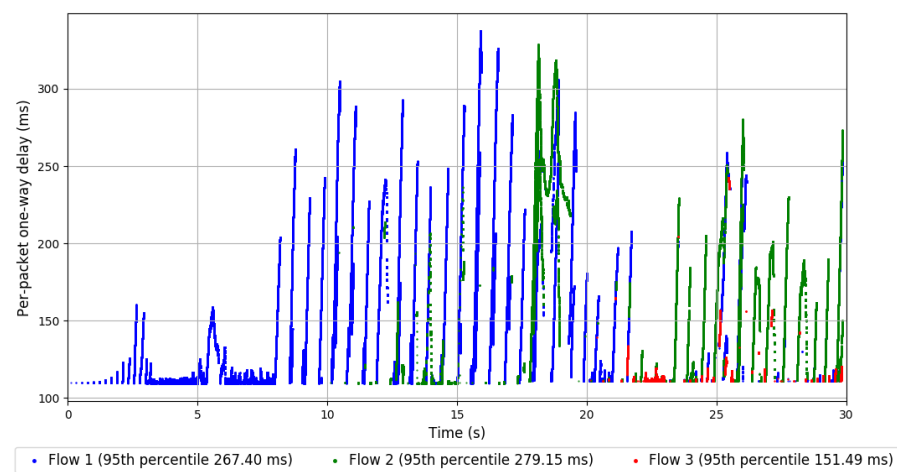
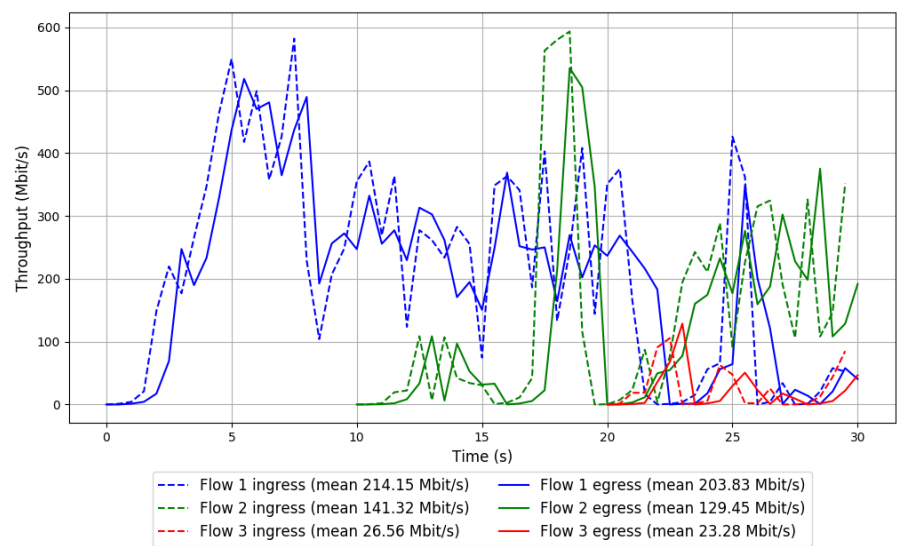


Run 10: Statistics of Verus

Start at: 2018-07-04 07:30:54
End at: 2018-07-04 07:31:24
Local clock offset: 0.086 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-07-04 10:12:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 297.23 Mbit/s
95th percentile per-packet one-way delay: 269.732 ms
Loss rate: 6.35%
-- Flow 1:
Average throughput: 203.83 Mbit/s
95th percentile per-packet one-way delay: 267.396 ms
Loss rate: 4.84%
-- Flow 2:
Average throughput: 129.45 Mbit/s
95th percentile per-packet one-way delay: 279.147 ms
Loss rate: 9.00%
-- Flow 3:
Average throughput: 23.28 Mbit/s
95th percentile per-packet one-way delay: 151.491 ms
Loss rate: 14.48%

Run 10: Report of Verus — Data Link

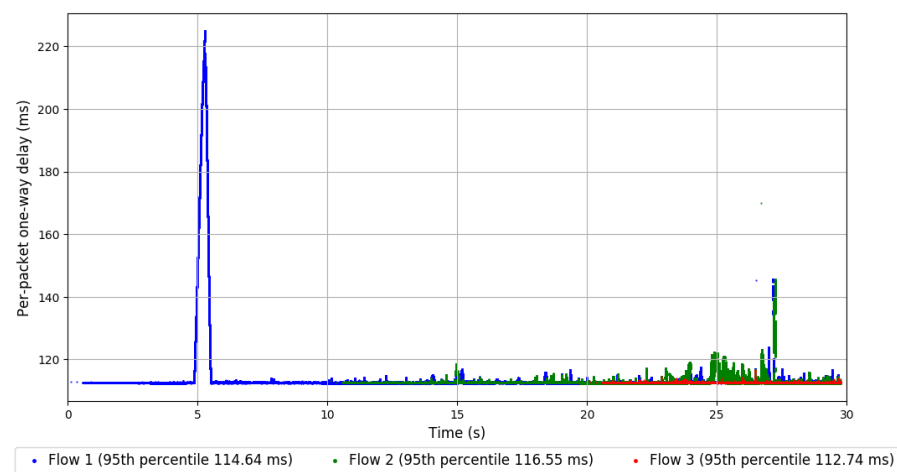
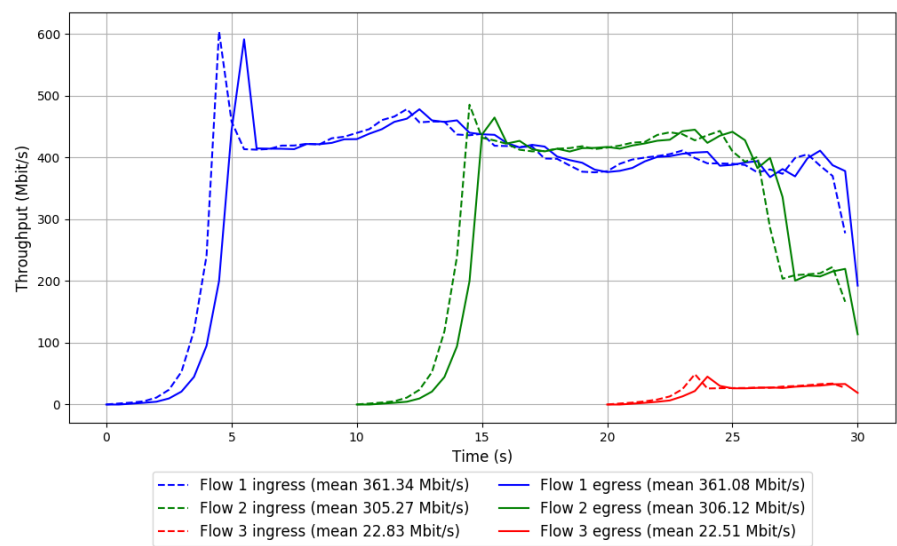


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-04 03:44:12
End at: 2018-07-04 03:44:42
Local clock offset: 1.219 ms
Remote clock offset: -0.177 ms

Below is generated by plot.py at 2018-07-04 10:17:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 571.23 Mbit/s
95th percentile per-packet one-way delay: 115.764 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 361.08 Mbit/s
95th percentile per-packet one-way delay: 114.643 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 306.12 Mbit/s
95th percentile per-packet one-way delay: 116.547 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 22.51 Mbit/s
95th percentile per-packet one-way delay: 112.741 ms
Loss rate: 3.61%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-07-04 04:10:38

End at: 2018-07-04 04:11:08

Local clock offset: -0.286 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-07-04 10:18:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 591.65 Mbit/s

95th percentile per-packet one-way delay: 116.023 ms

Loss rate: 1.06%

-- Flow 1:

Average throughput: 328.43 Mbit/s

95th percentile per-packet one-way delay: 111.421 ms

Loss rate: 0.65%

-- Flow 2:

Average throughput: 300.76 Mbit/s

95th percentile per-packet one-way delay: 116.003 ms

Loss rate: 1.33%

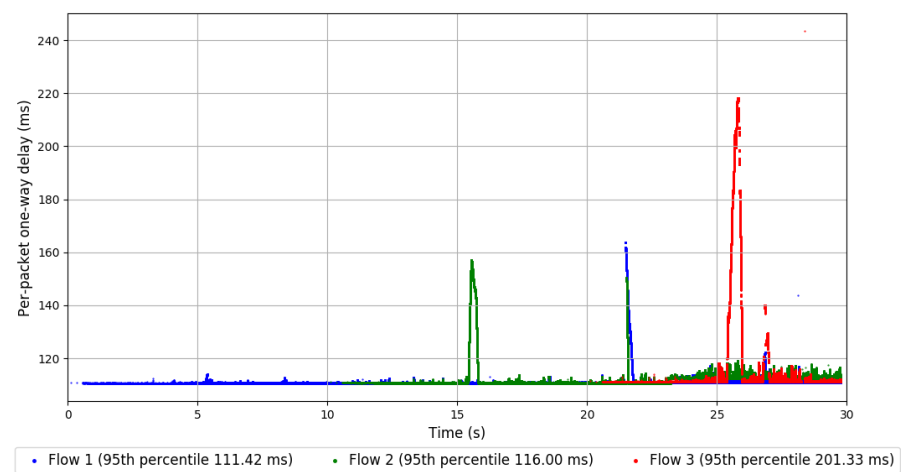
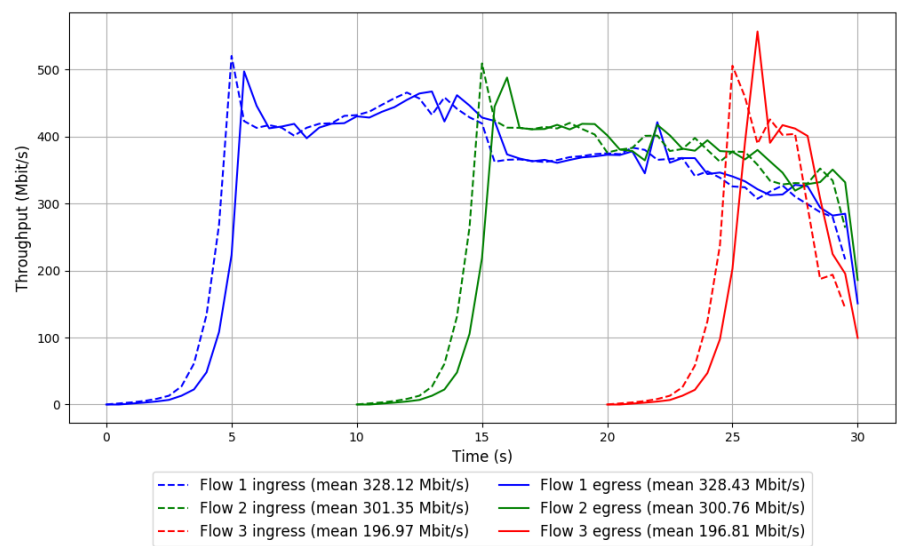
-- Flow 3:

Average throughput: 196.81 Mbit/s

95th percentile per-packet one-way delay: 201.331 ms

Loss rate: 2.34%

Run 2: Report of PCC-Vivace — Data Link

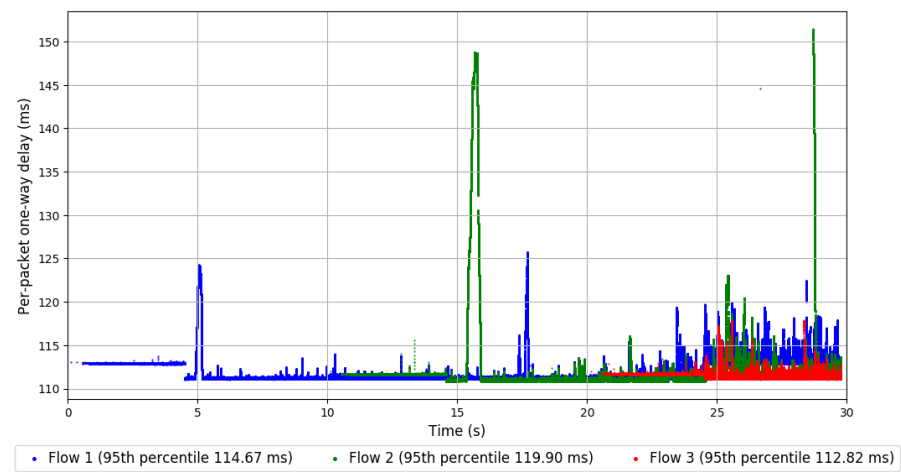
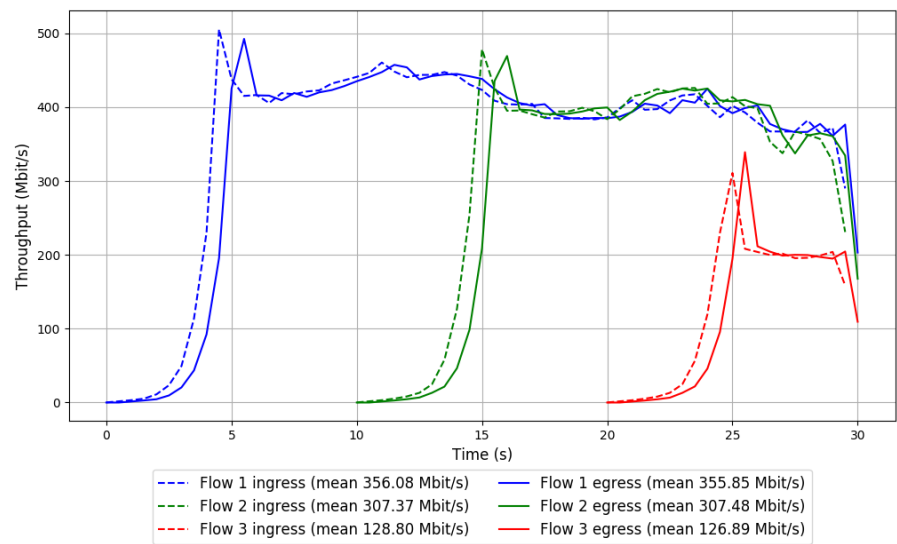


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-04 04:36:57
End at: 2018-07-04 04:37:27
Local clock offset: 0.251 ms
Remote clock offset: -0.179 ms

Below is generated by plot.py at 2018-07-04 10:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 600.72 Mbit/s
95th percentile per-packet one-way delay: 115.019 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 355.85 Mbit/s
95th percentile per-packet one-way delay: 114.667 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 307.48 Mbit/s
95th percentile per-packet one-way delay: 119.902 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 126.89 Mbit/s
95th percentile per-packet one-way delay: 112.821 ms
Loss rate: 3.68%

Run 3: Report of PCC-Vivace — Data Link

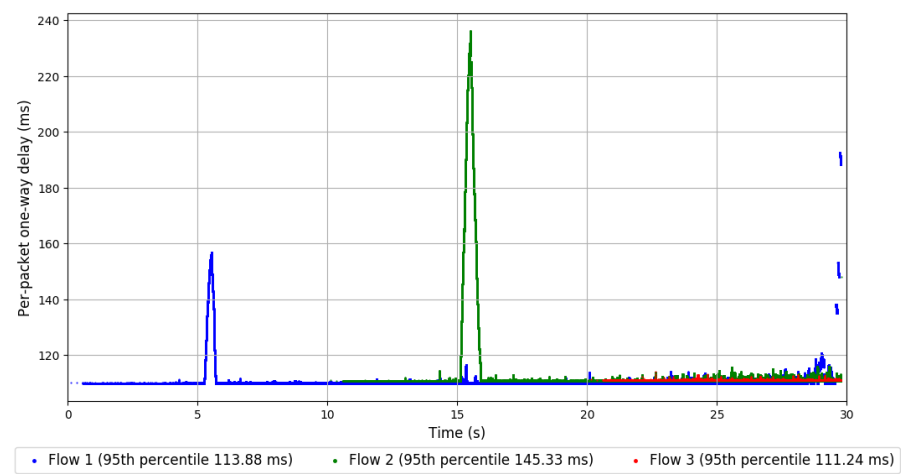
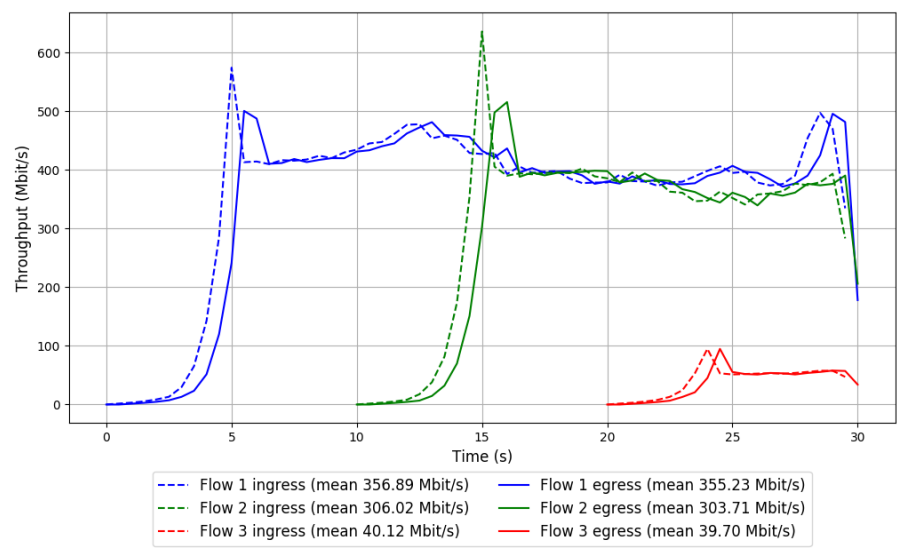


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-04 05:03:54
End at: 2018-07-04 05:04:24
Local clock offset: -0.155 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-07-04 10:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 568.97 Mbit/s
95th percentile per-packet one-way delay: 115.580 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 355.23 Mbit/s
95th percentile per-packet one-way delay: 113.881 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 303.71 Mbit/s
95th percentile per-packet one-way delay: 145.329 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 111.244 ms
Loss rate: 3.30%

Run 4: Report of PCC-Vivace — Data Link

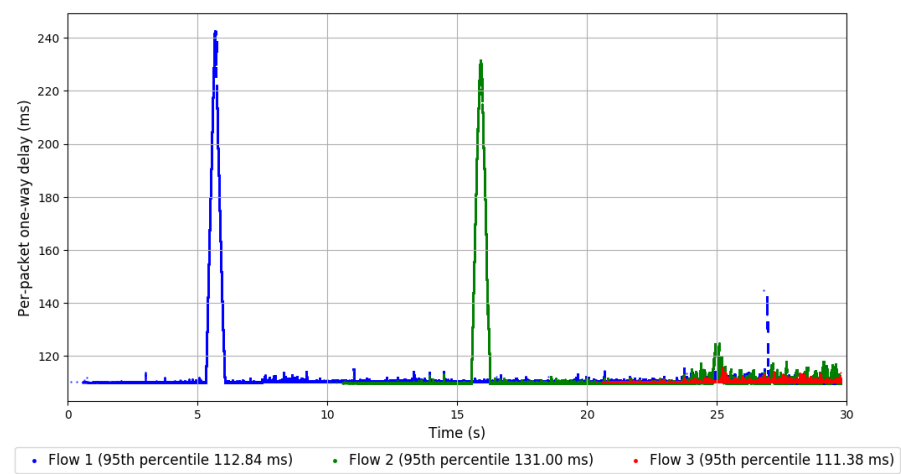
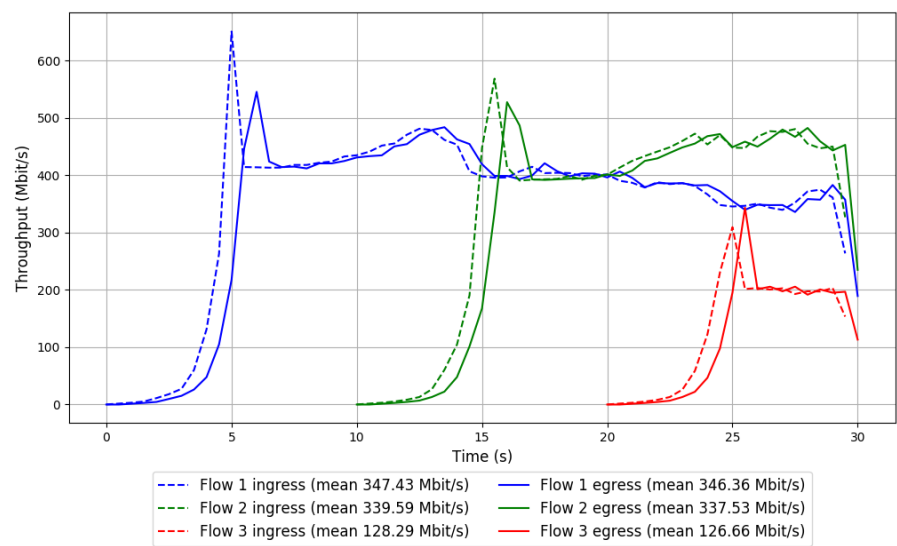


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-04 05:29:54
End at: 2018-07-04 05:30:24
Local clock offset: -1.492 ms
Remote clock offset: -0.638 ms

Below is generated by plot.py at 2018-07-04 10:19:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 611.11 Mbit/s
95th percentile per-packet one-way delay: 116.849 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 346.36 Mbit/s
95th percentile per-packet one-way delay: 112.841 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 337.53 Mbit/s
95th percentile per-packet one-way delay: 131.001 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 126.66 Mbit/s
95th percentile per-packet one-way delay: 111.377 ms
Loss rate: 3.54%

Run 5: Report of PCC-Vivace — Data Link

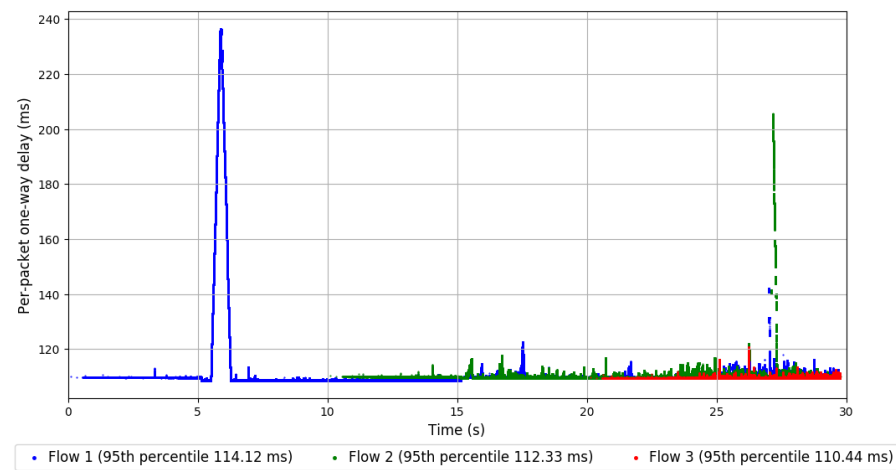
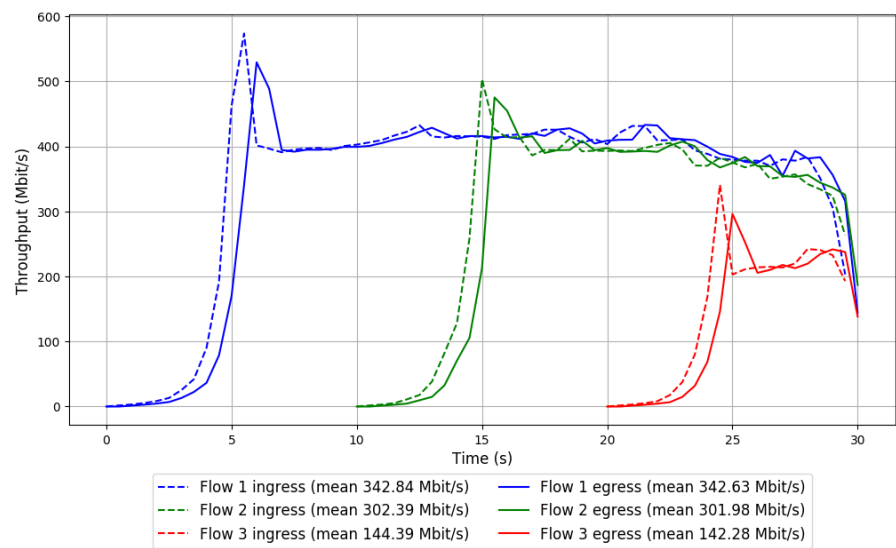


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-04 05:55:46
End at: 2018-07-04 05:56:16
Local clock offset: -1.412 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 10:19:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 588.90 Mbit/s
95th percentile per-packet one-way delay: 112.831 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 342.63 Mbit/s
95th percentile per-packet one-way delay: 114.119 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 301.98 Mbit/s
95th percentile per-packet one-way delay: 112.335 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 142.28 Mbit/s
95th percentile per-packet one-way delay: 110.438 ms
Loss rate: 3.68%

Run 6: Report of PCC-Vivace — Data Link

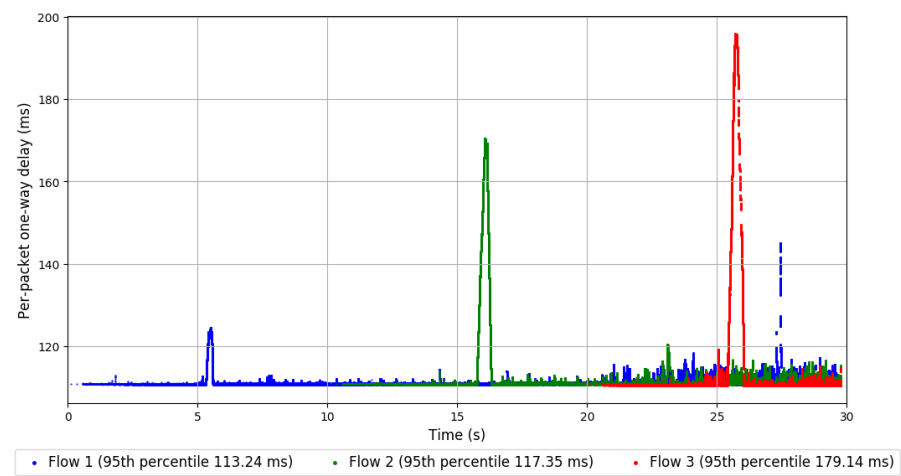
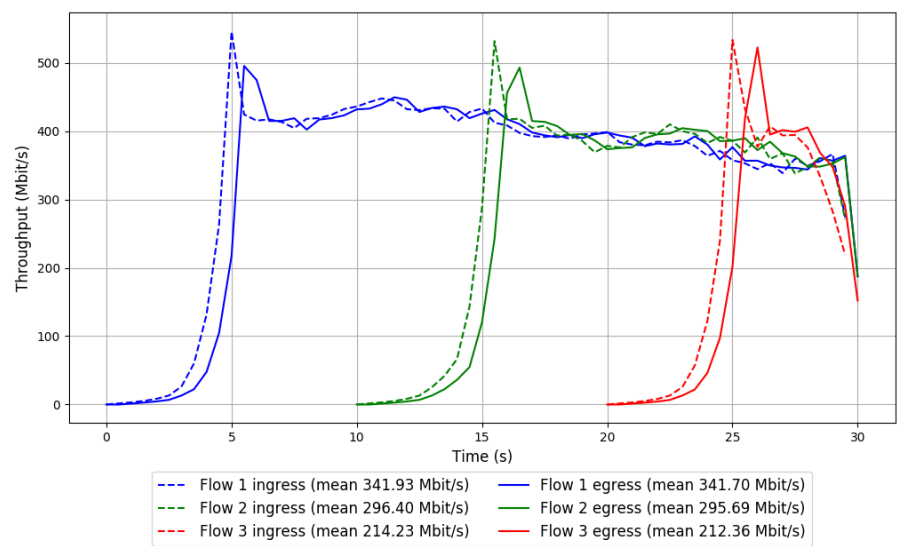


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-04 06:21:44
End at: 2018-07-04 06:22:14
Local clock offset: -0.231 ms
Remote clock offset: -0.179 ms

Below is generated by plot.py at 2018-07-04 10:21:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 606.66 Mbit/s
95th percentile per-packet one-way delay: 115.141 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 341.70 Mbit/s
95th percentile per-packet one-way delay: 113.239 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 295.69 Mbit/s
95th percentile per-packet one-way delay: 117.347 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 212.36 Mbit/s
95th percentile per-packet one-way delay: 179.141 ms
Loss rate: 3.09%

Run 7: Report of PCC-Vivace — Data Link

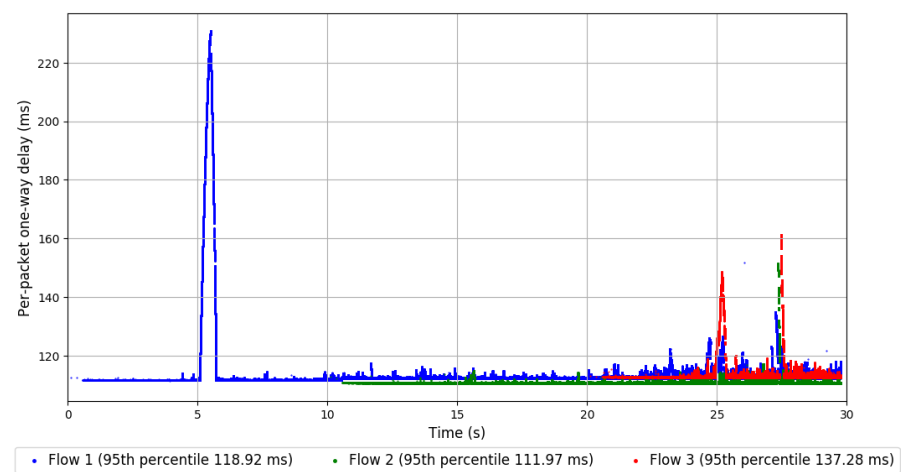
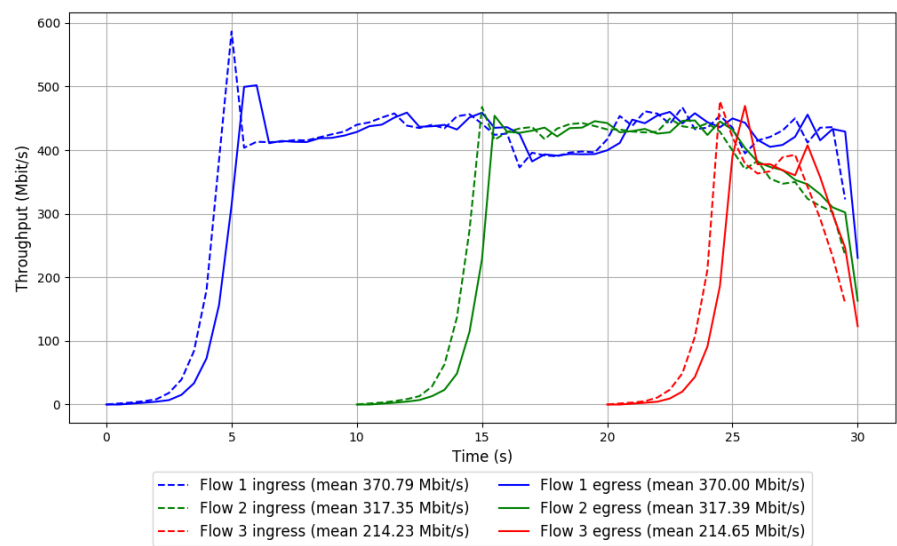


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-04 06:48:31
End at: 2018-07-04 06:49:01
Local clock offset: 1.294 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 10:21:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 650.11 Mbit/s
95th percentile per-packet one-way delay: 117.493 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 370.00 Mbit/s
95th percentile per-packet one-way delay: 118.924 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 317.39 Mbit/s
95th percentile per-packet one-way delay: 111.969 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 214.65 Mbit/s
95th percentile per-packet one-way delay: 137.276 ms
Loss rate: 2.07%

Run 8: Report of PCC-Vivace — Data Link

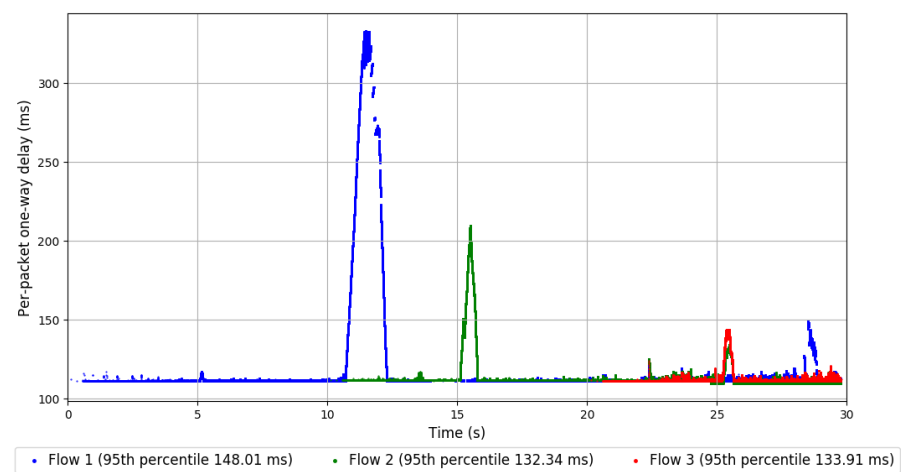
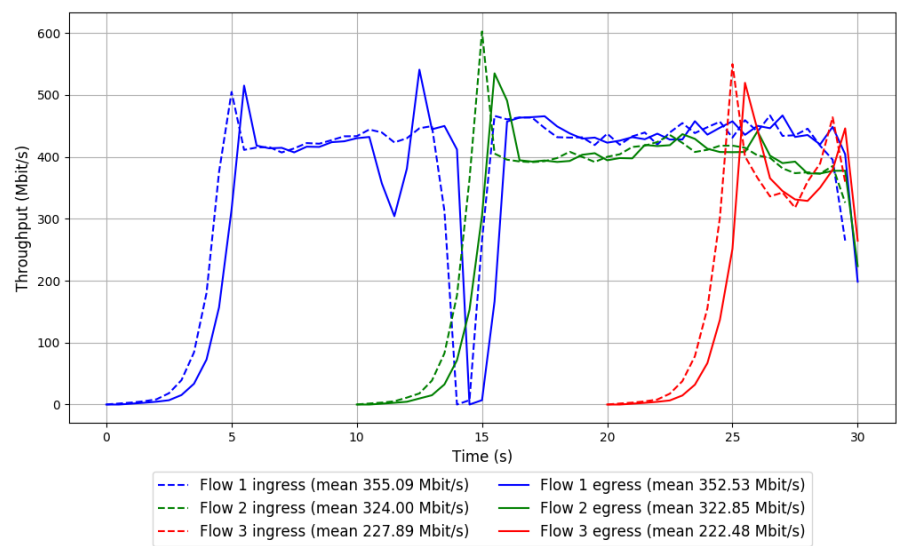


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-04 07:14:37
End at: 2018-07-04 07:15:07
Local clock offset: 0.129 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 10:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 638.72 Mbit/s
95th percentile per-packet one-way delay: 139.517 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 352.53 Mbit/s
95th percentile per-packet one-way delay: 148.009 ms
Loss rate: 1.46%
-- Flow 2:
Average throughput: 322.85 Mbit/s
95th percentile per-packet one-way delay: 132.336 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 222.48 Mbit/s
95th percentile per-packet one-way delay: 133.909 ms
Loss rate: 4.55%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-04 07:40:39

End at: 2018-07-04 07:41:09

Local clock offset: -0.071 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-07-04 10:22:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 565.54 Mbit/s

95th percentile per-packet one-way delay: 112.741 ms

Loss rate: 1.10%

-- Flow 1:

Average throughput: 315.23 Mbit/s

95th percentile per-packet one-way delay: 112.609 ms

Loss rate: 0.57%

-- Flow 2:

Average throughput: 312.47 Mbit/s

95th percentile per-packet one-way delay: 116.206 ms

Loss rate: 1.43%

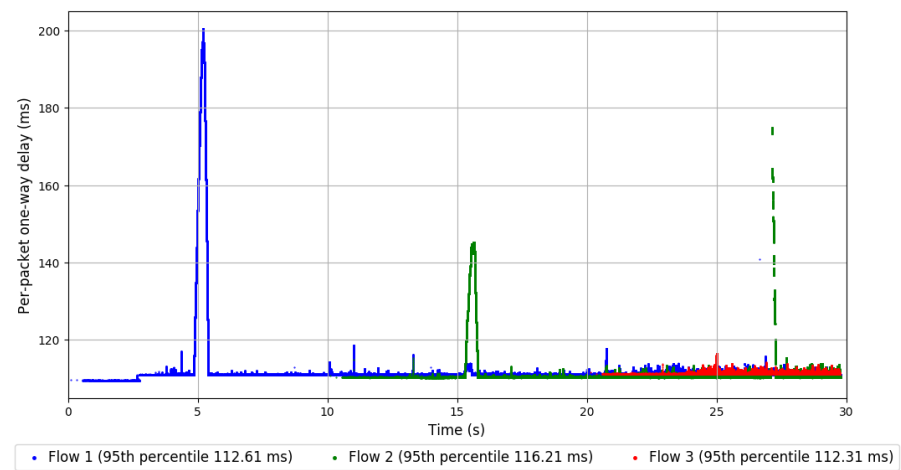
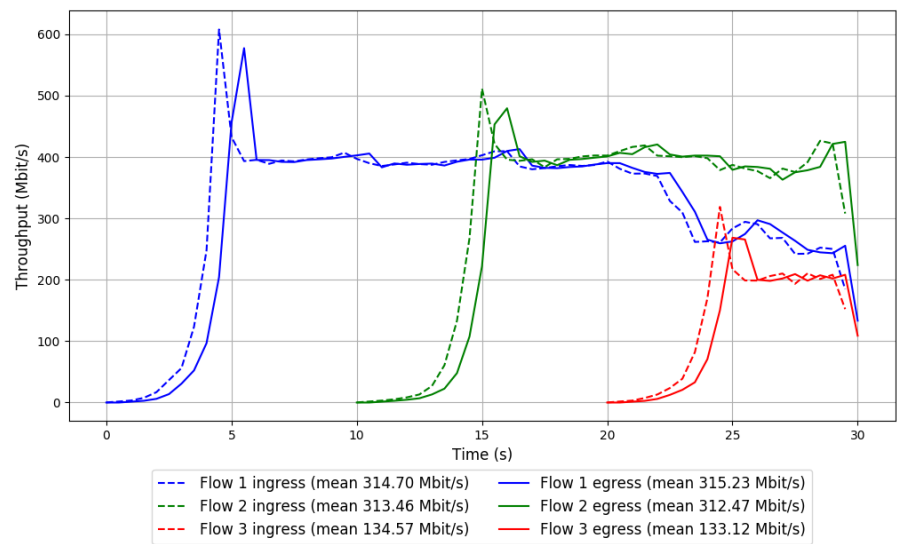
-- Flow 3:

Average throughput: 133.12 Mbit/s

95th percentile per-packet one-way delay: 112.306 ms

Loss rate: 3.37%

Run 10: Report of PCC-Vivace — Data Link

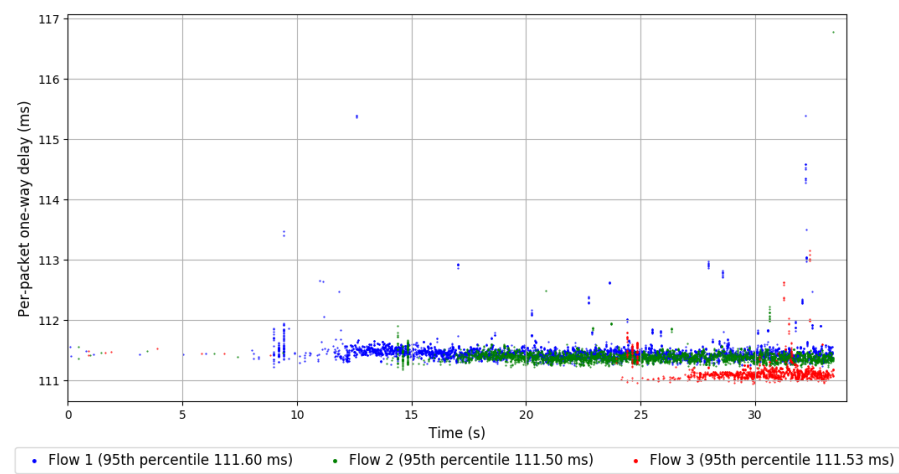
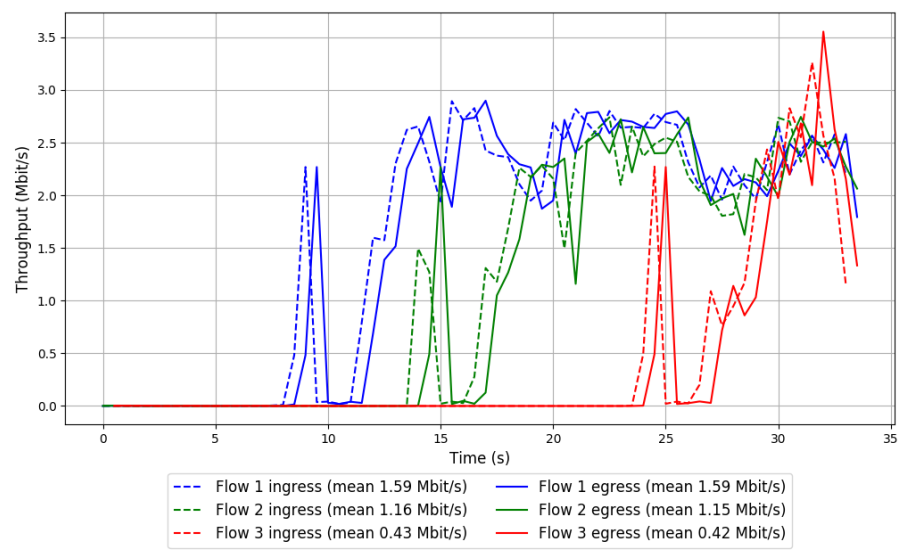


Run 1: Statistics of WebRTC media

Start at: 2018-07-04 03:30:05
End at: 2018-07-04 03:30:35
Local clock offset: -0.026 ms
Remote clock offset: -0.176 ms

Below is generated by plot.py at 2018-07-04 10:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.14 Mbit/s
95th percentile per-packet one-way delay: 111.568 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 111.604 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 111.503 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 111.529 ms
Loss rate: 1.25%

Run 1: Report of WebRTC media — Data Link

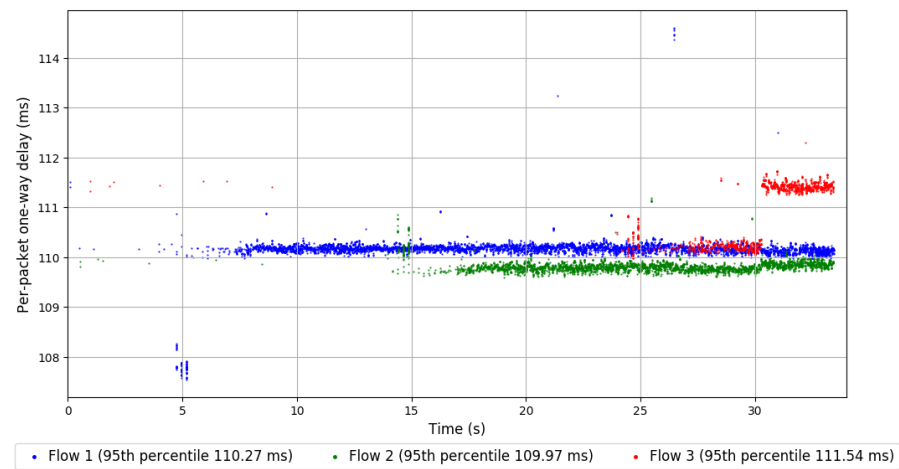
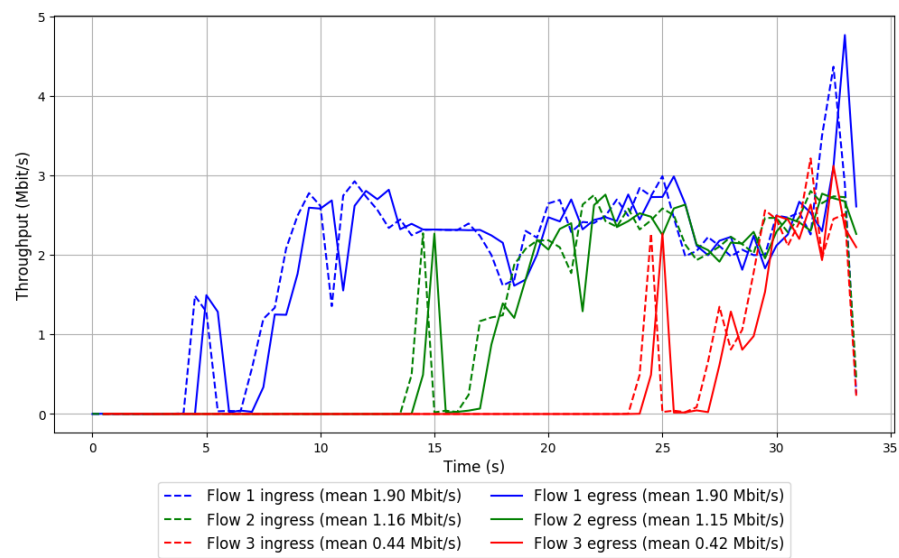


Run 2: Statistics of WebRTC media

Start at: 2018-07-04 03:56:25
End at: 2018-07-04 03:56:55
Local clock offset: -1.363 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 10:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 111.383 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 110.273 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 109.966 ms
Loss rate: 2.06%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 111.538 ms
Loss rate: 4.00%

Run 2: Report of WebRTC media — Data Link

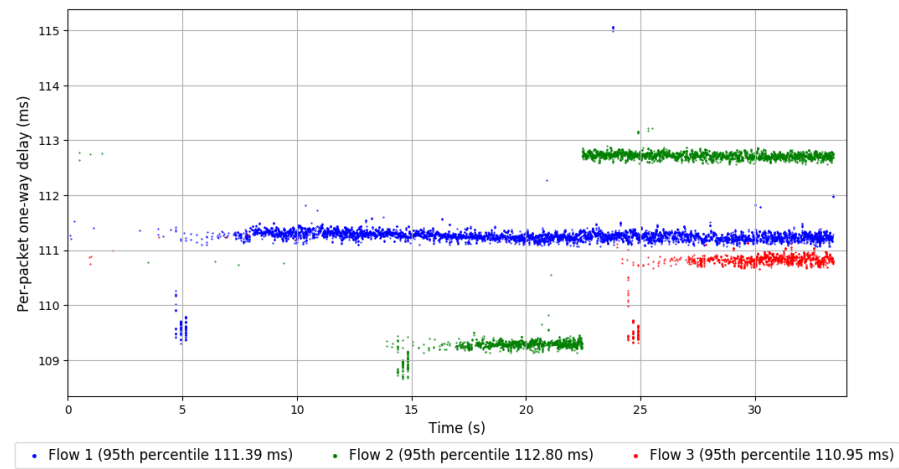
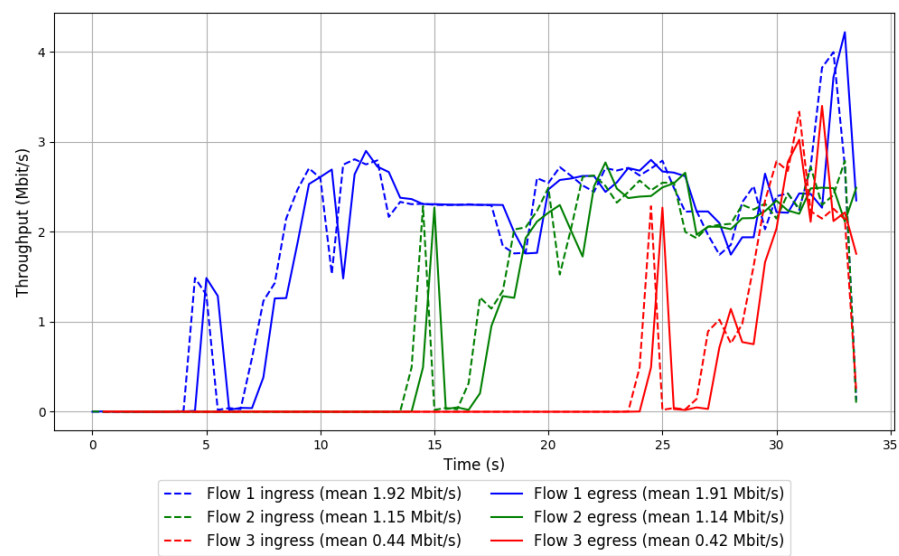


Run 3: Statistics of WebRTC media

Start at: 2018-07-04 04:22:33
End at: 2018-07-04 04:23:03
Local clock offset: -0.2 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-07-04 10:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 112.763 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 111.387 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 112.798 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 110.952 ms
Loss rate: 3.67%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-07-04 04:49:16

End at: 2018-07-04 04:49:46

Local clock offset: -0.336 ms

Remote clock offset: -0.24 ms

Below is generated by plot.py at 2018-07-04 10:22:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.48 Mbit/s

95th percentile per-packet one-way delay: 111.275 ms

Loss rate: 1.06%

-- Flow 1:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 111.293 ms

Loss rate: 1.04%

-- Flow 2:

Average throughput: 1.15 Mbit/s

95th percentile per-packet one-way delay: 111.093 ms

Loss rate: 1.33%

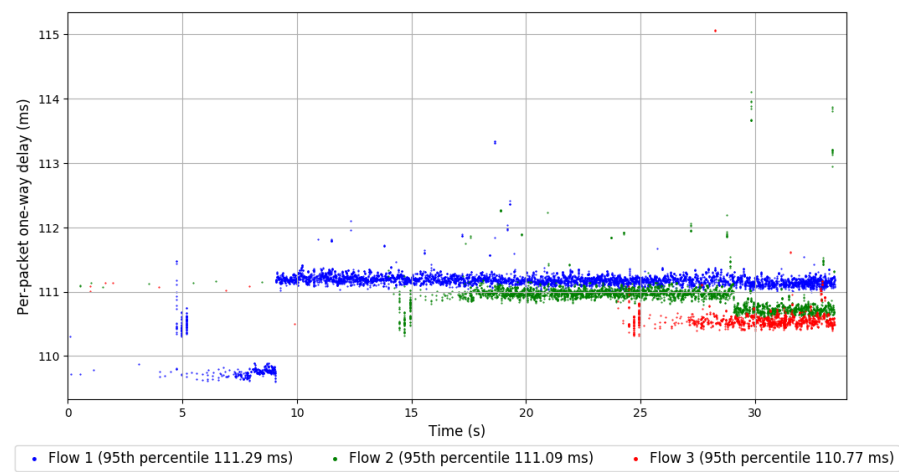
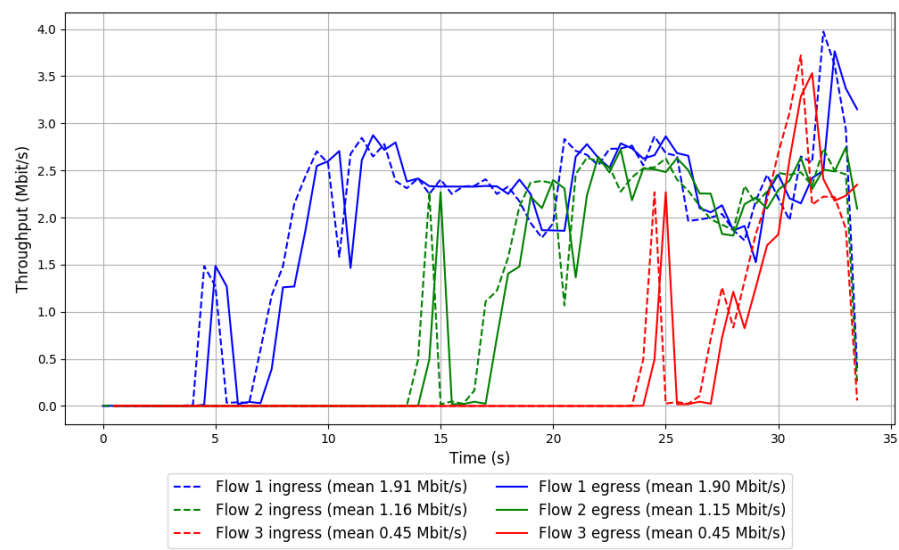
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 110.771 ms

Loss rate: 0.41%

Run 4: Report of WebRTC media — Data Link

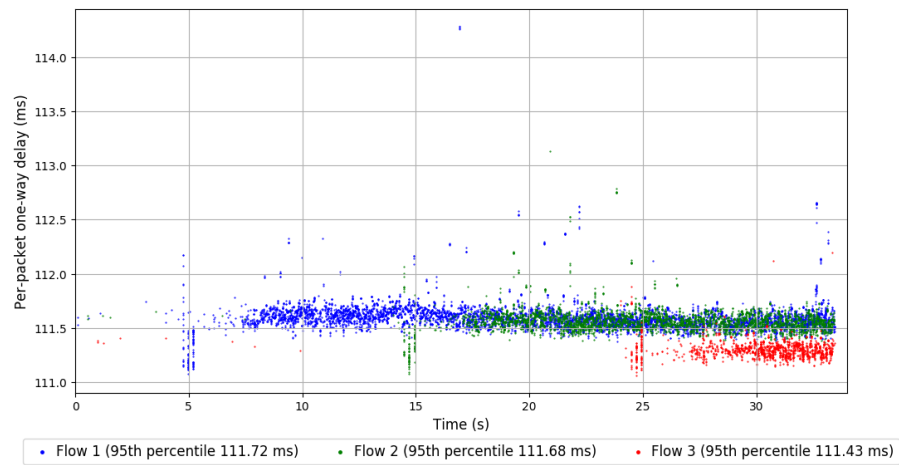
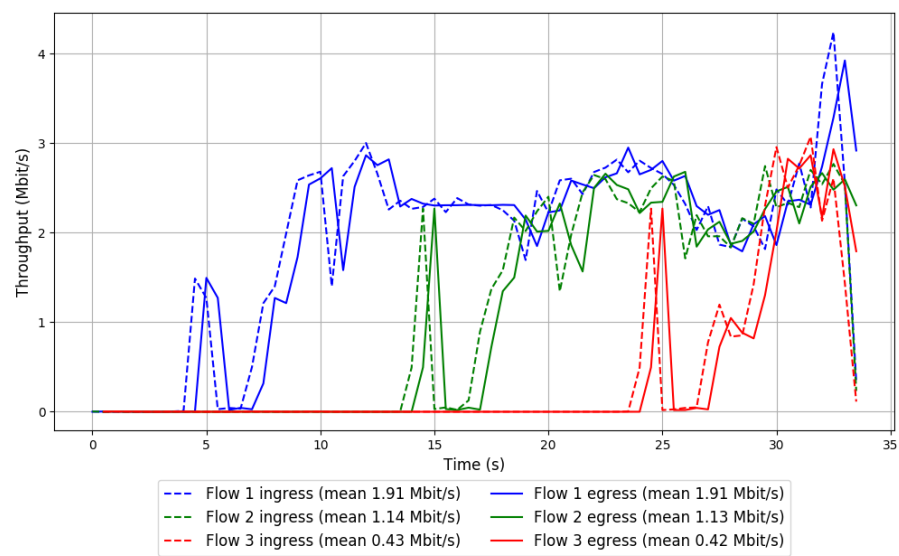


Run 5: Statistics of WebRTC media

Start at: 2018-07-04 05:15:50
End at: 2018-07-04 05:16:20
Local clock offset: -0.223 ms
Remote clock offset: -0.639 ms

Below is generated by plot.py at 2018-07-04 10:22:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 111.705 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 111.721 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 111.684 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 111.429 ms
Loss rate: 1.36%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-07-04 05:42:00

End at: 2018-07-04 05:42:30

Local clock offset: -0.104 ms

Remote clock offset: 0.156 ms

Below is generated by plot.py at 2018-07-04 10:22:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.45 Mbit/s

95th percentile per-packet one-way delay: 111.017 ms

Loss rate: 1.15%

-- Flow 1:

Average throughput: 1.91 Mbit/s

95th percentile per-packet one-way delay: 111.031 ms

Loss rate: 0.84%

-- Flow 2:

Average throughput: 1.15 Mbit/s

95th percentile per-packet one-way delay: 110.668 ms

Loss rate: 1.49%

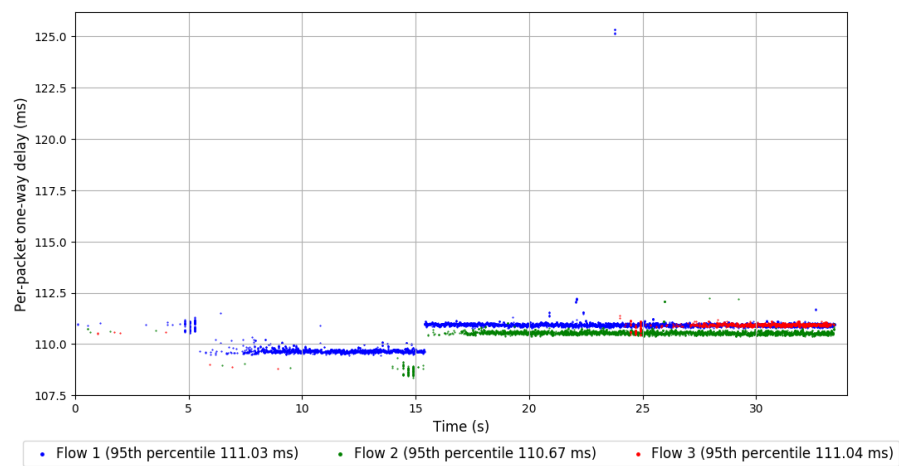
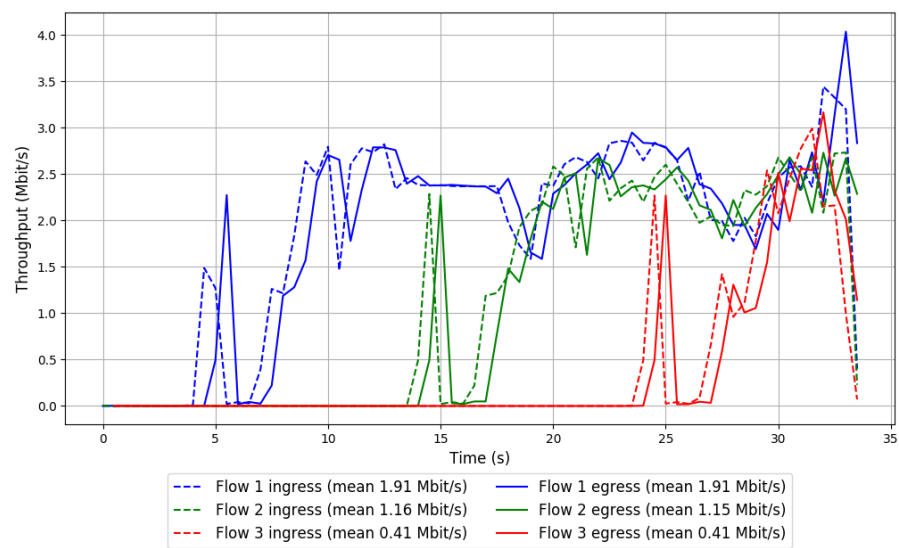
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 111.044 ms

Loss rate: 1.68%

Run 6: Report of WebRTC media — Data Link

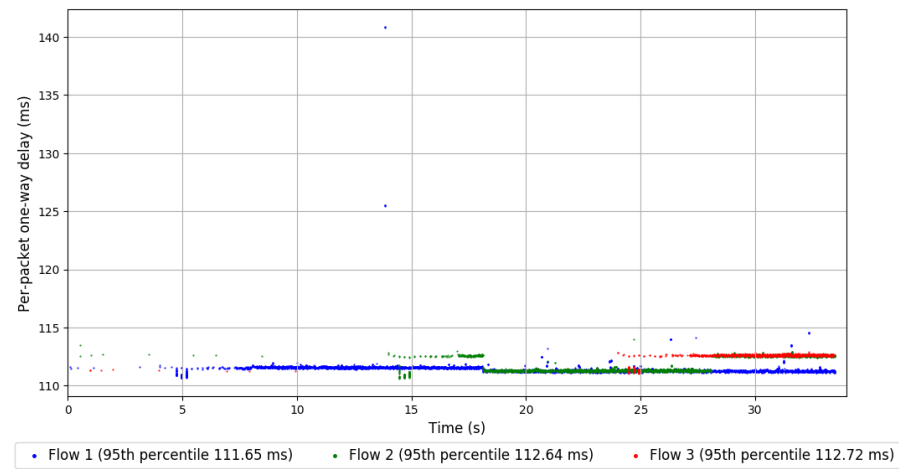
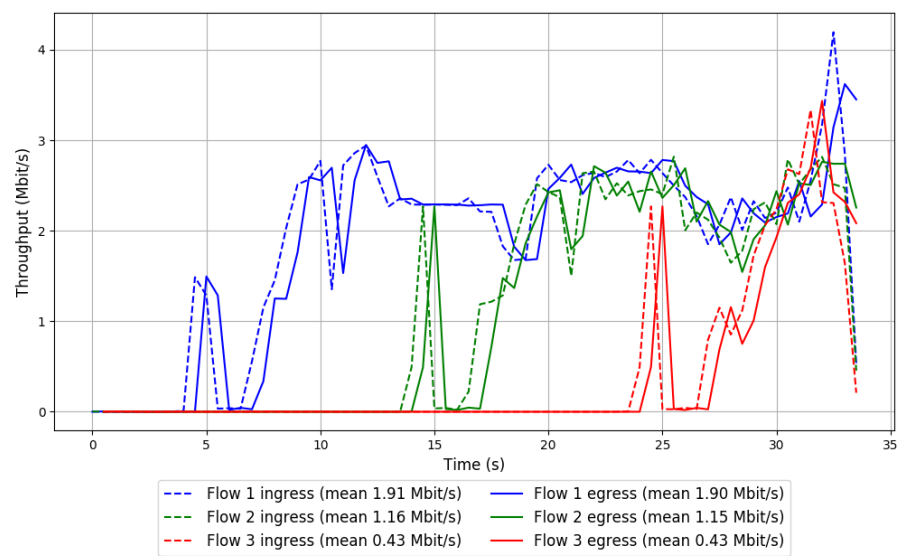


Run 7: Statistics of WebRTC media

Start at: 2018-07-04 06:07:47
End at: 2018-07-04 06:08:17
Local clock offset: -0.245 ms
Remote clock offset: -0.582 ms

Below is generated by plot.py at 2018-07-04 10:22:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 112.651 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 111.653 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 112.642 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.715 ms
Loss rate: 0.97%

Run 7: Report of WebRTC media — Data Link

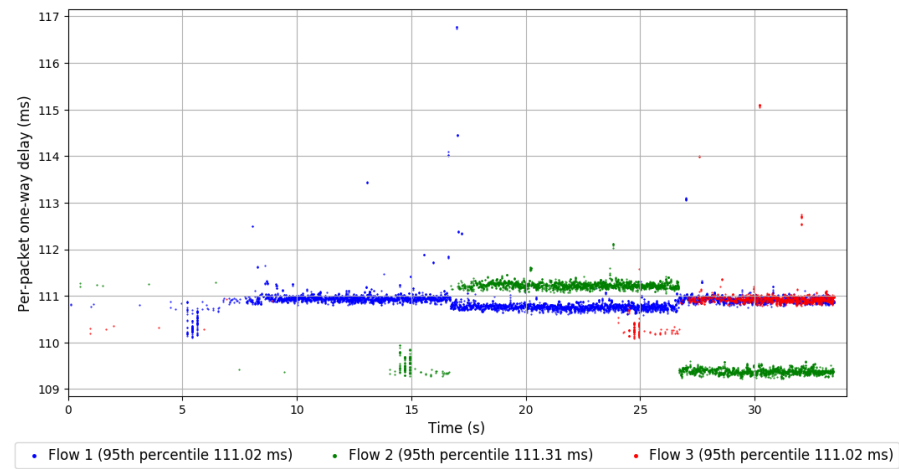
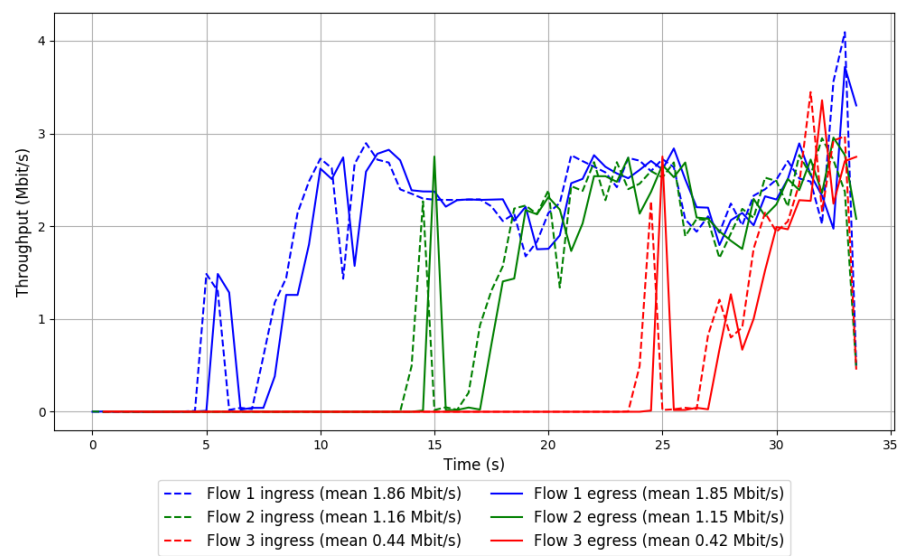


Run 8: Statistics of WebRTC media

Start at: 2018-07-04 06:34:08
End at: 2018-07-04 06:34:38
Local clock offset: -0.153 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-07-04 10:22:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.40 Mbit/s
95th percentile per-packet one-way delay: 111.275 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 111.024 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 111.311 ms
Loss rate: 1.80%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 111.024 ms
Loss rate: 4.72%

Run 8: Report of WebRTC media — Data Link

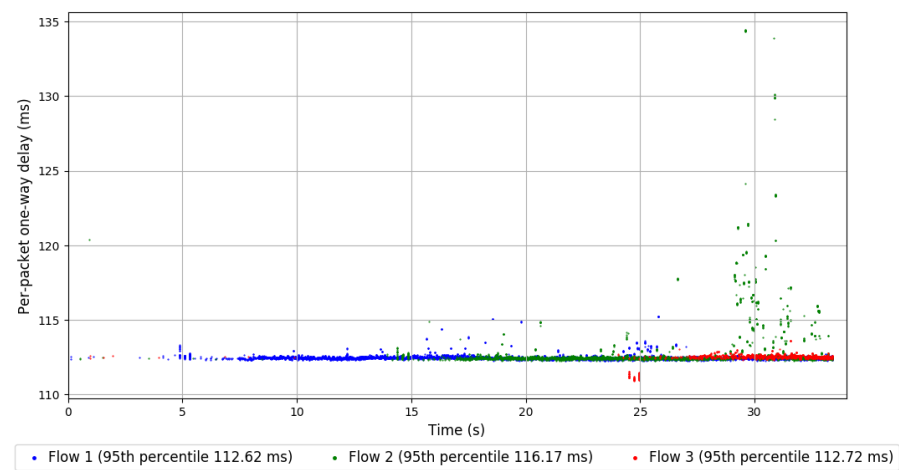
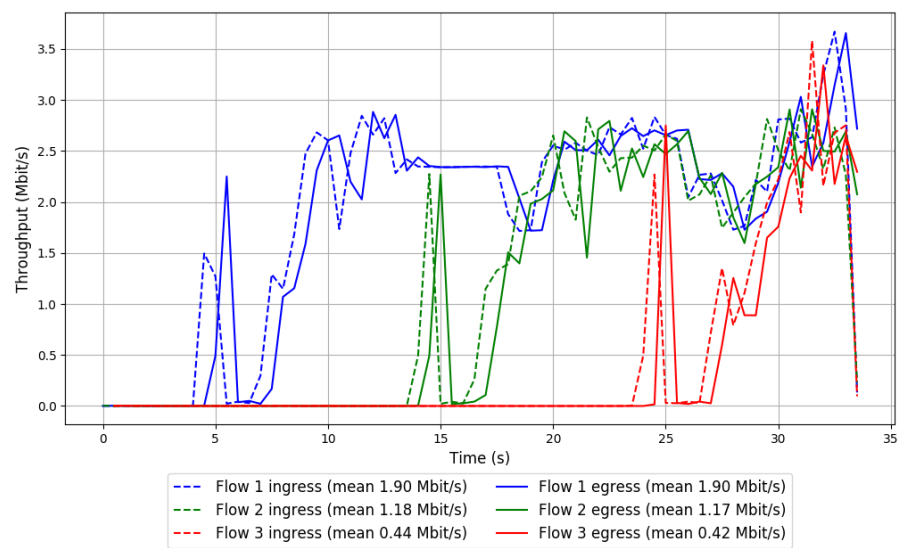


Run 9: Statistics of WebRTC media

Start at: 2018-07-04 07:00:36
End at: 2018-07-04 07:01:06
Local clock offset: 1.393 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-04 10:22:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 113.065 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 112.618 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 116.175 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 112.717 ms
Loss rate: 4.02%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-04 07:26:41
End at: 2018-07-04 07:27:11
Local clock offset: 1.28 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2018-07-04 10:22:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 113.567 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 113.579 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 112.189 ms
Loss rate: 1.50%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 113.595 ms
Loss rate: 3.48%

Run 10: Report of WebRTC media — Data Link

