

Pantheon Report

Generated at 2018-07-10 07:47:07 (UTC).

Data path: GCE Sydney Ethernet (*local*) → GCE Iowa Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

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

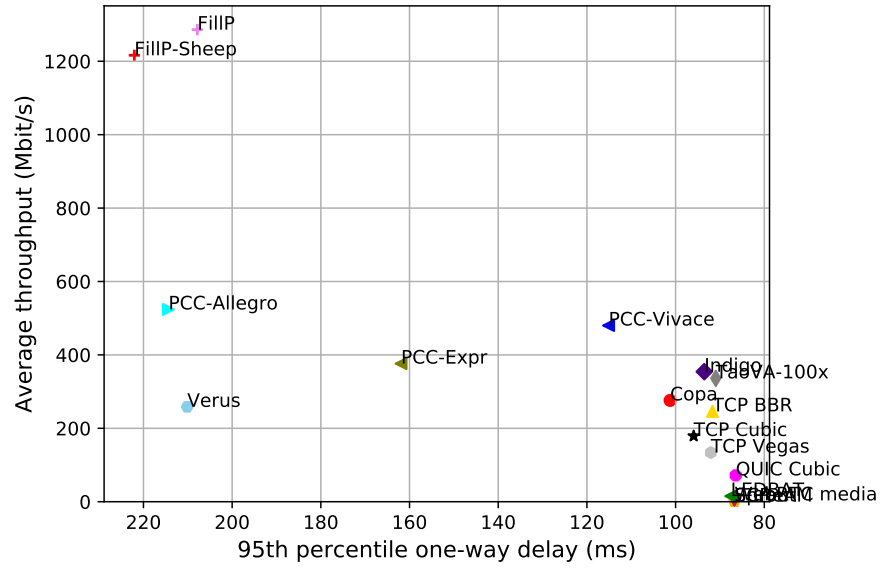
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

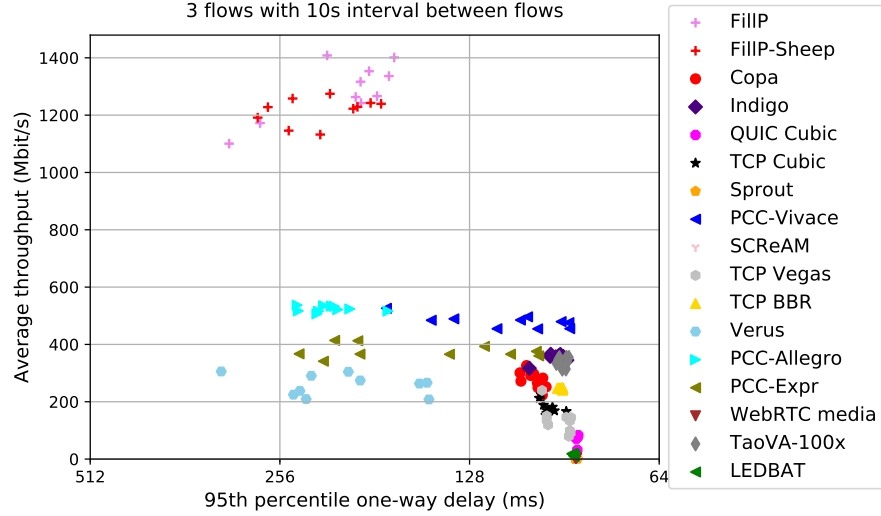
Git summary:

```
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 Sydney to GCE Iowa, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE Sydney to GCE Iowa, 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	125.62	123.18	115.89	90.01	91.33	93.82	0.00	0.00	0.00
Copa	10	172.65	103.34	107.24	100.95	100.77	101.63	0.01	0.02	0.07
TCP Cubic	10	106.84	81.60	53.99	95.88	94.75	94.03	0.02	0.01	0.08
FillP	10	672.04	620.62	605.37	209.33	214.26	162.59	5.06	4.84	2.74
FillP-Sheep	10	656.95	602.16	477.26	222.57	223.34	182.23	6.93	5.67	3.60
Indigo	10	190.57	178.26	141.55	91.74	93.94	96.94	0.00	0.00	0.00
LEDBAT	10	10.12	6.08	3.50	87.65	87.34	87.14	0.00	0.00	0.00
PCC-Allegro	10	475.74	63.84	17.29	215.03	205.72	178.09	1.53	0.91	0.75
PCC-Expr	10	228.22	187.84	69.87	160.84	132.22	121.27	0.42	0.30	0.15
QUIC Cubic	10	41.73	36.17	18.60	86.17	86.46	86.42	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	86.53	86.56	86.54	0.00	0.00	0.00
Sprout	10	0.27	0.29	0.29	86.60	86.66	86.75	0.00	0.00	0.00
TaoVA-100x	10	179.44	170.09	131.61	89.82	91.47	93.79	0.01	0.02	0.07
TCP Vegas	10	83.31	48.45	55.40	91.99	90.05	90.72	0.01	0.01	0.03
Verus	10	136.03	153.13	65.23	192.33	213.47	194.53	1.06	1.88	2.52
PCC-Vivace	10	295.95	208.51	137.65	117.00	116.96	95.45	0.02	0.21	0.00
WebRTC media	10	1.98	1.24	0.46	86.55	86.55	86.65	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-10 00:53:41

End at: 2018-07-10 00:54:11

Local clock offset: -0.131 ms

Remote clock offset: -0.0 ms

Below is generated by plot.py at 2018-07-10 05:13:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 248.13 Mbit/s

95th percentile per-packet one-way delay: 91.608 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 126.93 Mbit/s

95th percentile per-packet one-way delay: 89.793 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 124.32 Mbit/s

95th percentile per-packet one-way delay: 91.339 ms

Loss rate: 0.00%

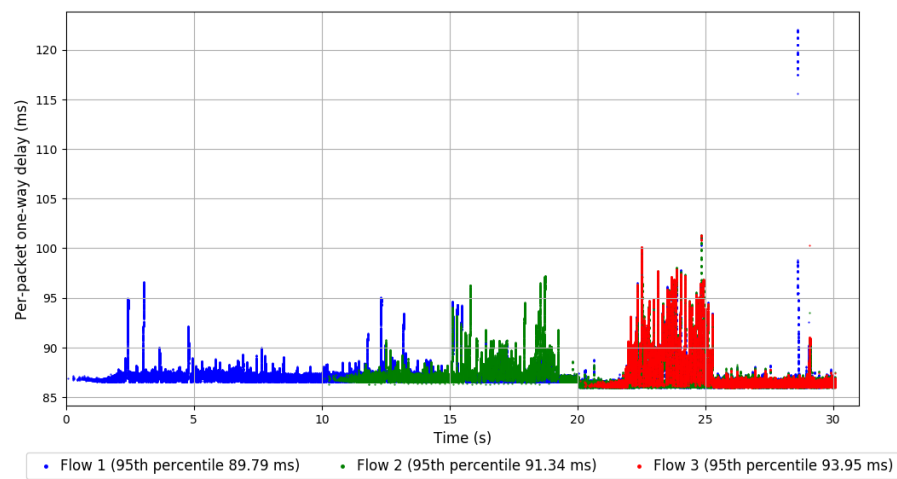
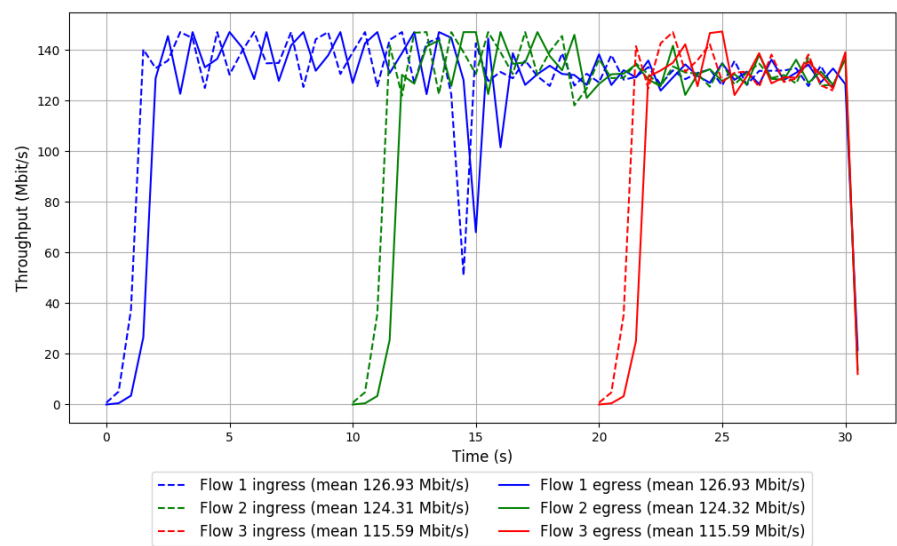
-- Flow 3:

Average throughput: 115.59 Mbit/s

95th percentile per-packet one-way delay: 93.953 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

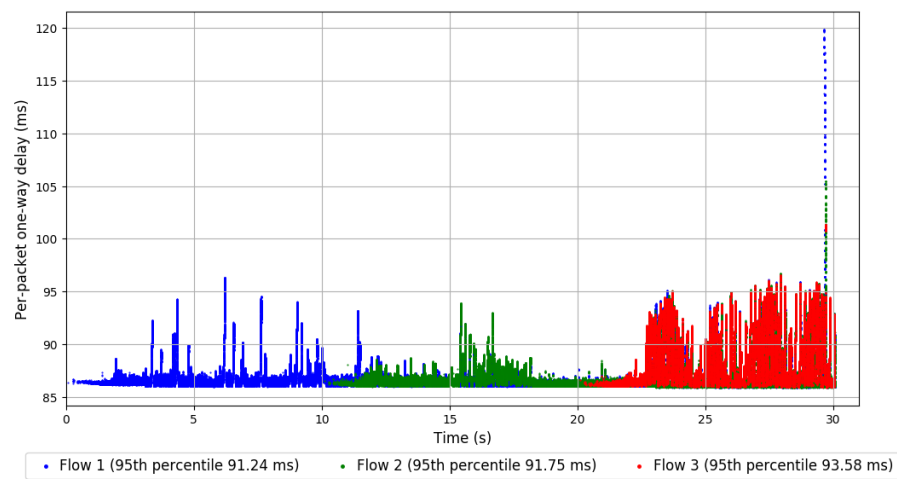
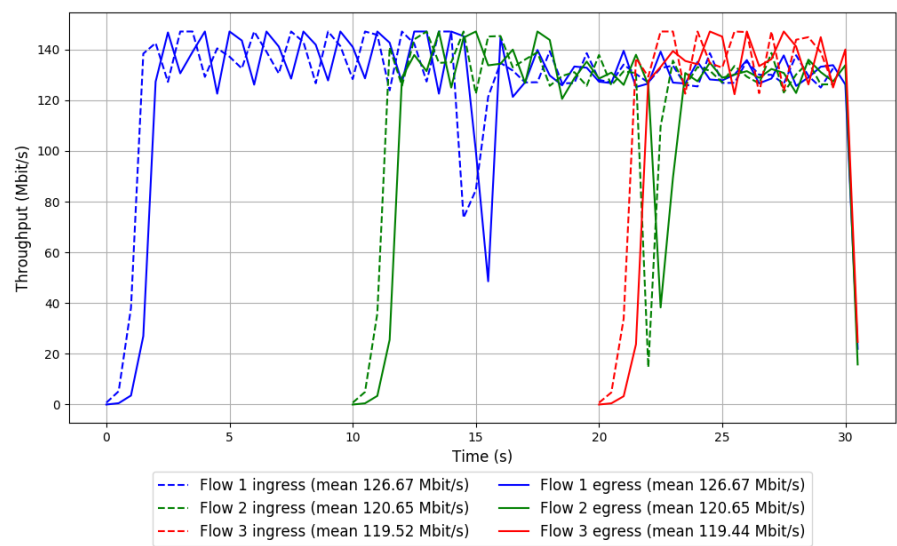


Run 2: Statistics of TCP BBR

Start at: 2018-07-10 01:19:38
End at: 2018-07-10 01:20:08
Local clock offset: -0.07 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2018-07-10 05:13:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.68 Mbit/s
95th percentile per-packet one-way delay: 92.228 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 126.67 Mbit/s
95th percentile per-packet one-way delay: 91.240 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 120.65 Mbit/s
95th percentile per-packet one-way delay: 91.748 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.44 Mbit/s
95th percentile per-packet one-way delay: 93.576 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

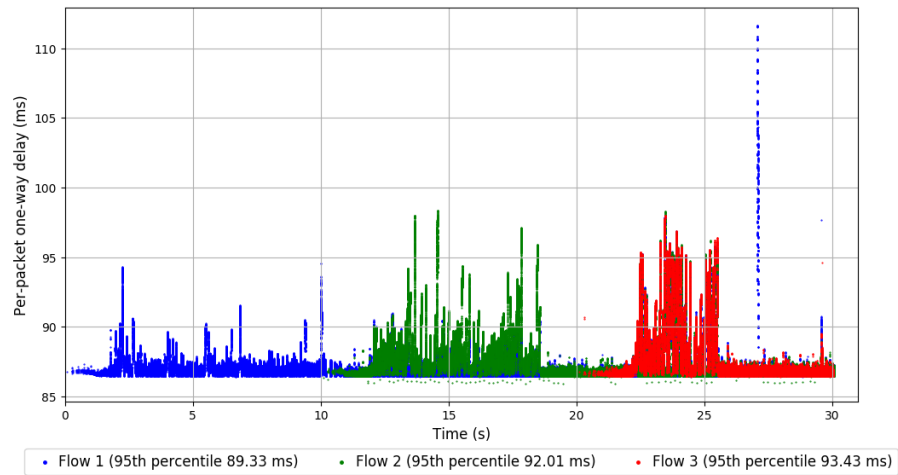
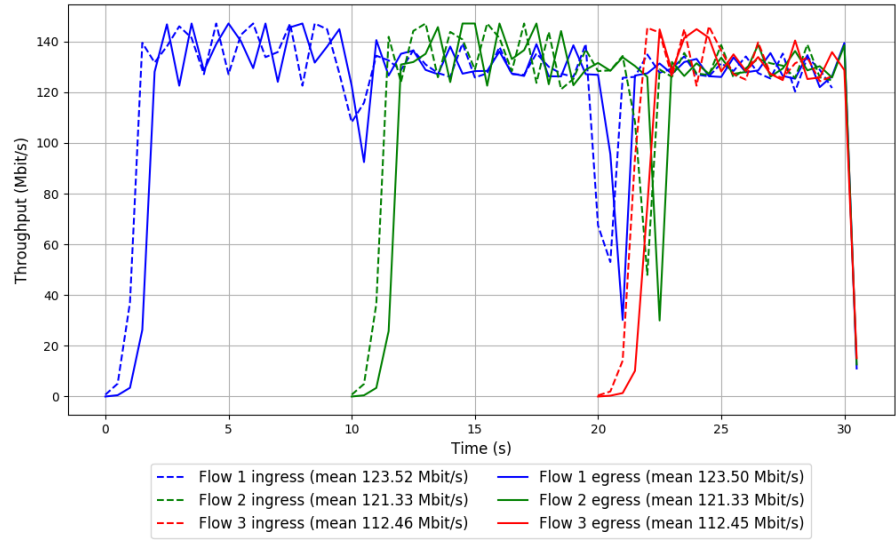


Run 3: Statistics of TCP BBR

Start at: 2018-07-10 01:45:42
End at: 2018-07-10 01:46:12
Local clock offset: -0.043 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2018-07-10 05:13:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 241.60 Mbit/s
95th percentile per-packet one-way delay: 91.259 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 123.50 Mbit/s
95th percentile per-packet one-way delay: 89.335 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 121.33 Mbit/s
95th percentile per-packet one-way delay: 92.009 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 112.45 Mbit/s
95th percentile per-packet one-way delay: 93.431 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

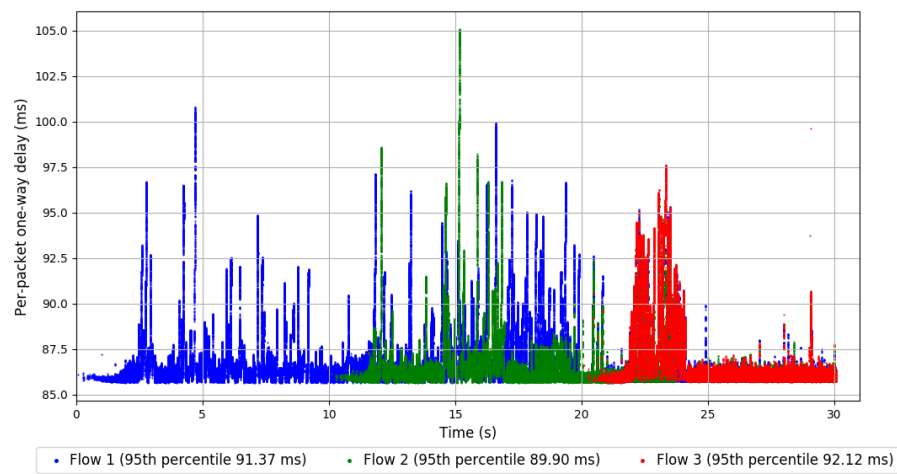
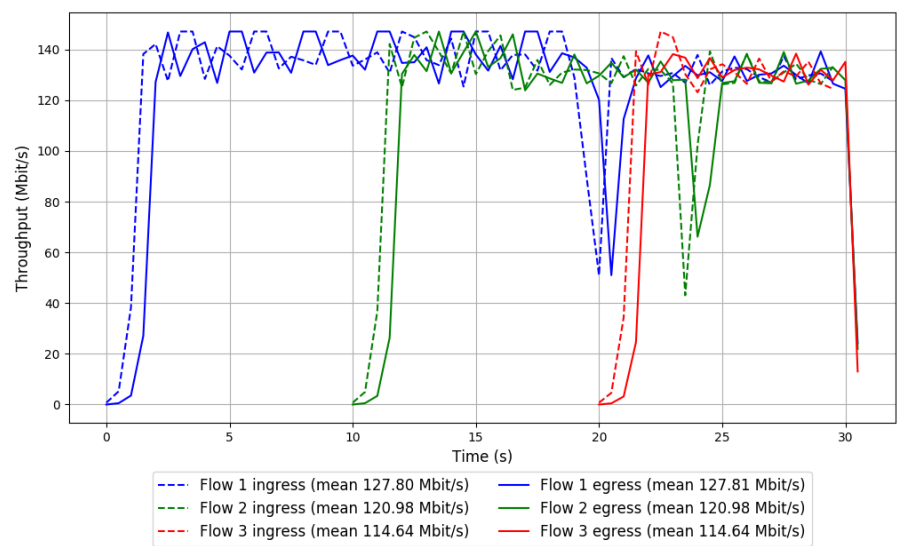


Run 4: Statistics of TCP BBR

Start at: 2018-07-10 02:11:30
End at: 2018-07-10 02:12:00
Local clock offset: 0.226 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2018-07-10 05:13:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.49 Mbit/s
95th percentile per-packet one-way delay: 91.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 127.81 Mbit/s
95th percentile per-packet one-way delay: 91.368 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 120.98 Mbit/s
95th percentile per-packet one-way delay: 89.904 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 114.64 Mbit/s
95th percentile per-packet one-way delay: 92.124 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-07-10 02:37:28

End at: 2018-07-10 02:37:58

Local clock offset: -0.228 ms

Remote clock offset: 0.004 ms

Below is generated by plot.py at 2018-07-10 05:13:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 247.12 Mbit/s

95th percentile per-packet one-way delay: 92.846 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 123.41 Mbit/s

95th percentile per-packet one-way delay: 89.283 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 126.97 Mbit/s

95th percentile per-packet one-way delay: 92.332 ms

Loss rate: 0.00%

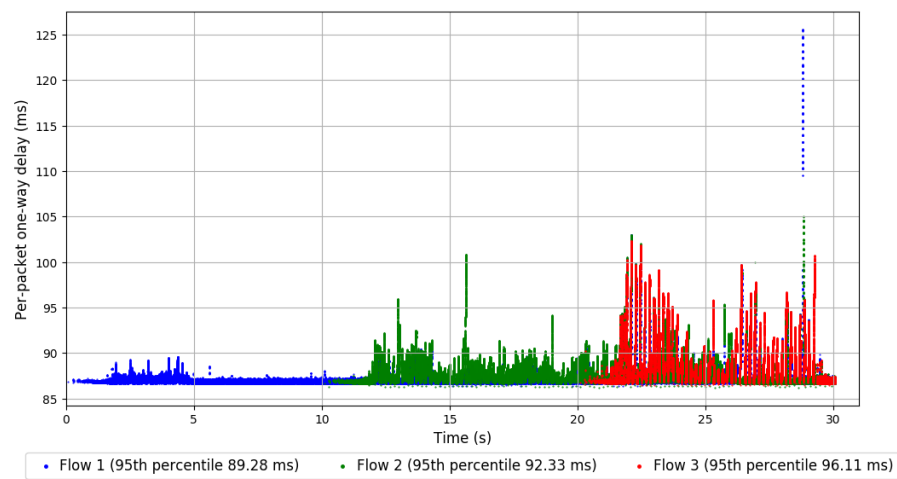
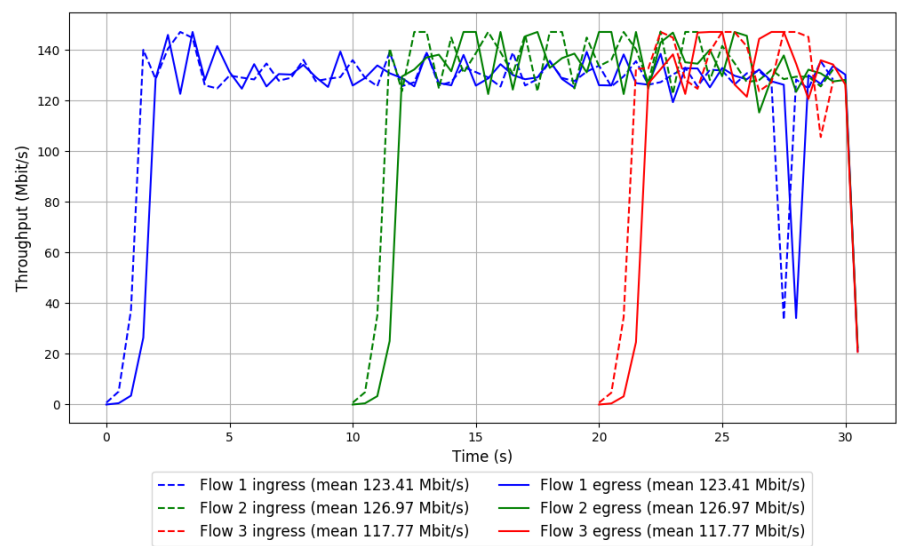
-- Flow 3:

Average throughput: 117.77 Mbit/s

95th percentile per-packet one-way delay: 96.106 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

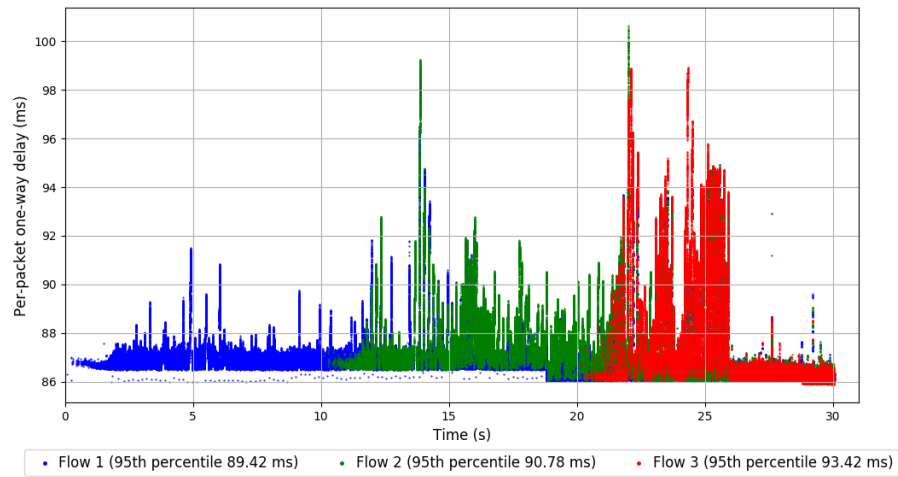
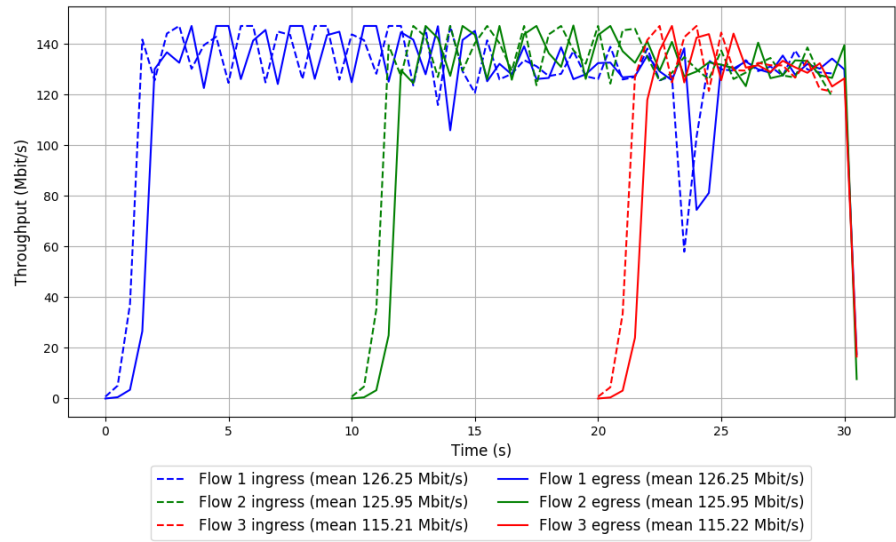


Run 6: Statistics of TCP BBR

Start at: 2018-07-10 03:03:22
End at: 2018-07-10 03:03:52
Local clock offset: -0.105 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-07-10 05:13:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 248.35 Mbit/s
95th percentile per-packet one-way delay: 90.994 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 126.25 Mbit/s
95th percentile per-packet one-way delay: 89.422 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 125.95 Mbit/s
95th percentile per-packet one-way delay: 90.778 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 115.22 Mbit/s
95th percentile per-packet one-way delay: 93.423 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

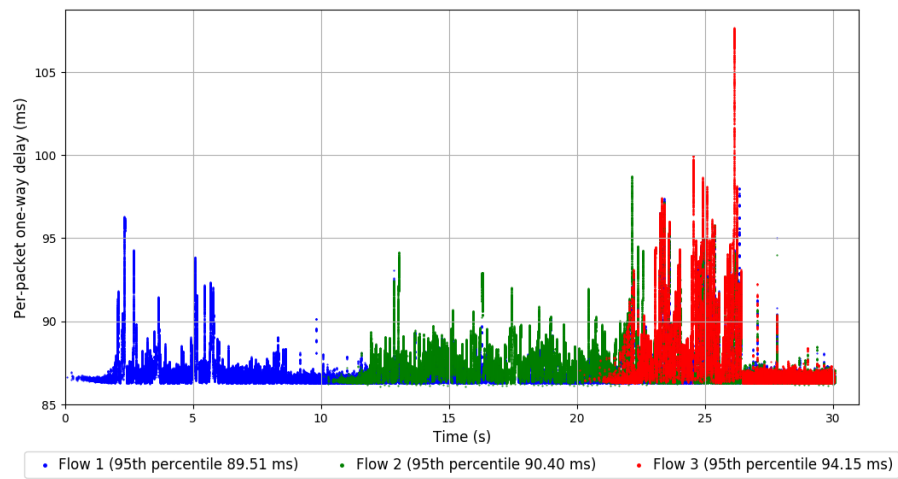
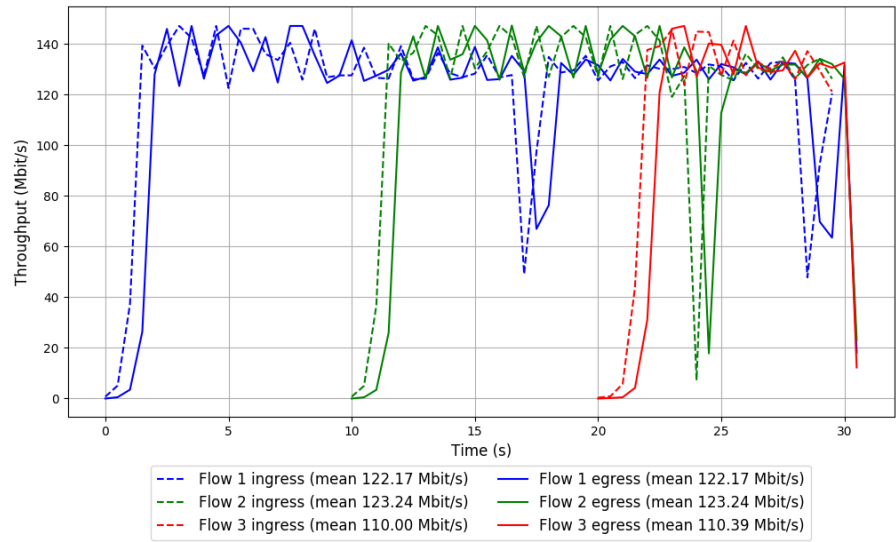


Run 7: Statistics of TCP BBR

Start at: 2018-07-10 03:29:12
End at: 2018-07-10 03:29:42
Local clock offset: -0.197 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-10 05:13:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 240.83 Mbit/s
95th percentile per-packet one-way delay: 91.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 122.17 Mbit/s
95th percentile per-packet one-way delay: 89.510 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 123.24 Mbit/s
95th percentile per-packet one-way delay: 90.399 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 110.39 Mbit/s
95th percentile per-packet one-way delay: 94.152 ms
Loss rate: 0.01%

Run 7: Report of TCP BBR — Data Link

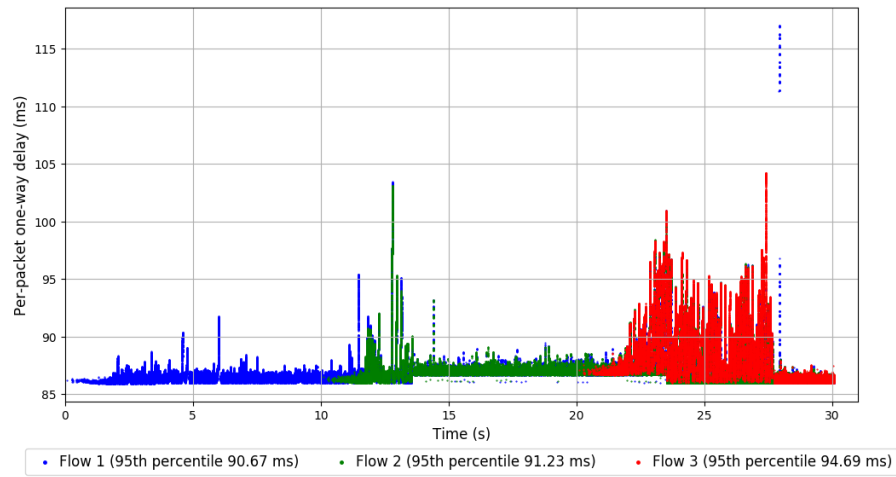
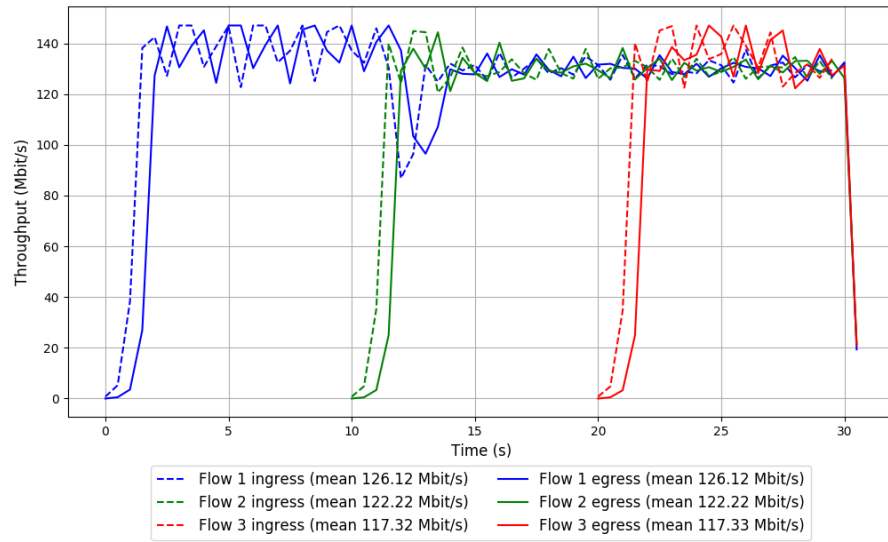


Run 8: Statistics of TCP BBR

Start at: 2018-07-10 03:55:08
End at: 2018-07-10 03:55:38
Local clock offset: -0.173 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-07-10 05:13:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.52 Mbit/s
95th percentile per-packet one-way delay: 92.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 126.12 Mbit/s
95th percentile per-packet one-way delay: 90.672 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 122.22 Mbit/s
95th percentile per-packet one-way delay: 91.234 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 117.33 Mbit/s
95th percentile per-packet one-way delay: 94.685 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

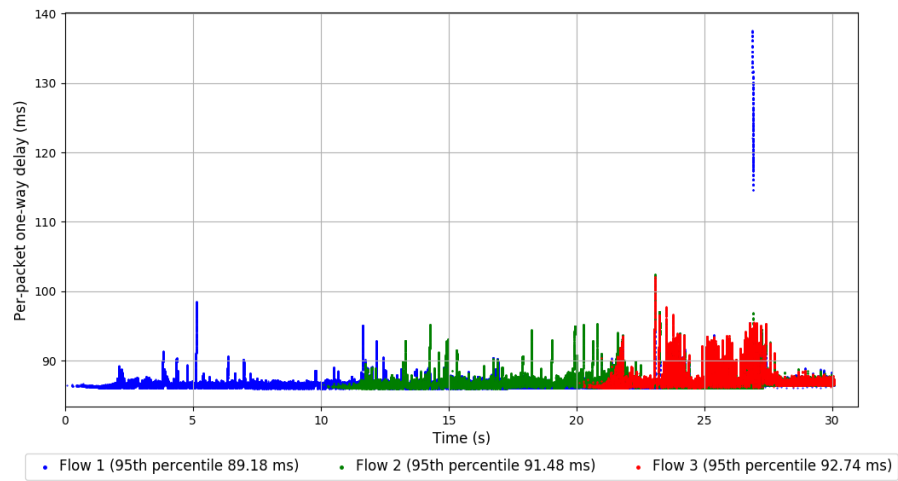
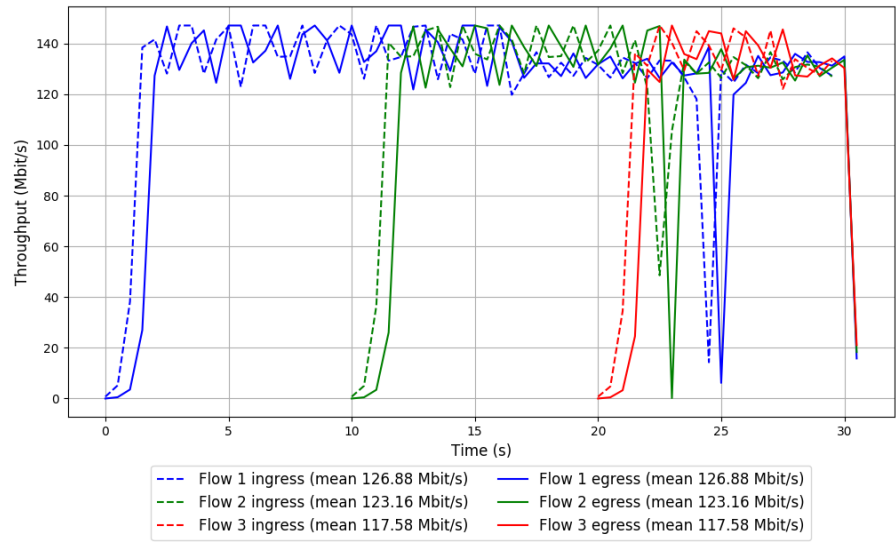


Run 9: Statistics of TCP BBR

Start at: 2018-07-10 04:21:04
End at: 2018-07-10 04:21:34
Local clock offset: -0.191 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-10 05:16:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 248.03 Mbit/s
95th percentile per-packet one-way delay: 91.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 126.88 Mbit/s
95th percentile per-packet one-way delay: 89.183 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 123.16 Mbit/s
95th percentile per-packet one-way delay: 91.483 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 117.58 Mbit/s
95th percentile per-packet one-way delay: 92.736 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

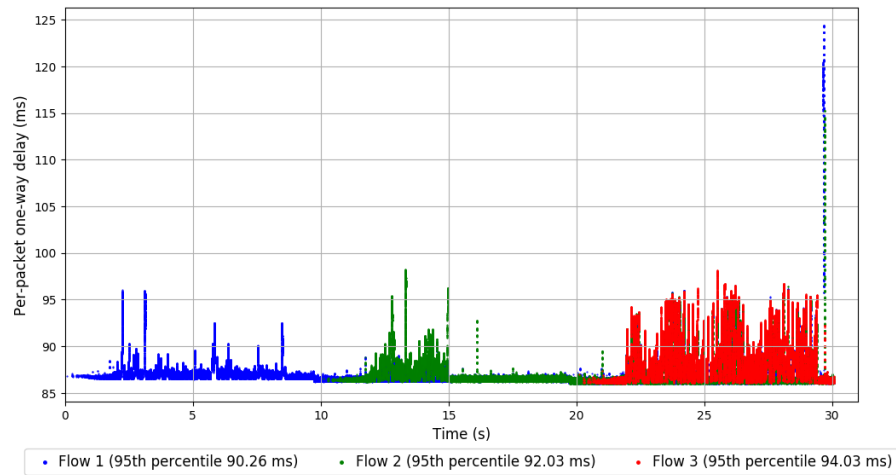
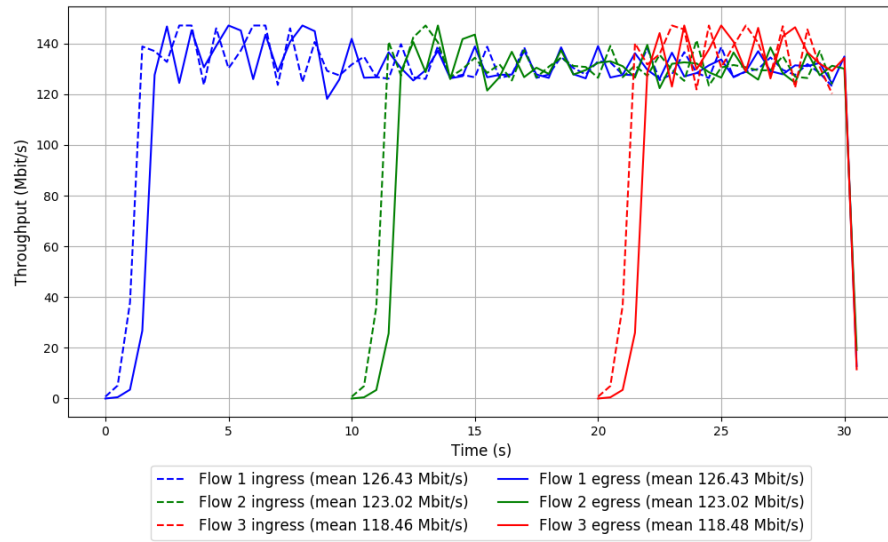


Run 10: Statistics of TCP BBR

Start at: 2018-07-10 04:46:52
End at: 2018-07-10 04:47:22
Local clock offset: -0.133 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-07-10 05:16:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 247.75 Mbit/s
95th percentile per-packet one-way delay: 92.308 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 126.43 Mbit/s
95th percentile per-packet one-way delay: 90.257 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 123.02 Mbit/s
95th percentile per-packet one-way delay: 92.034 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 118.48 Mbit/s
95th percentile per-packet one-way delay: 94.033 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-07-10 00:33:19

End at: 2018-07-10 00:33:49

Local clock offset: 0.009 ms

Remote clock offset: 0.037 ms

Below is generated by plot.py at 2018-07-10 05:19:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 223.32 Mbit/s

95th percentile per-packet one-way delay: 98.103 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 122.33 Mbit/s

95th percentile per-packet one-way delay: 100.134 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 106.29 Mbit/s

95th percentile per-packet one-way delay: 97.067 ms

Loss rate: 0.01%

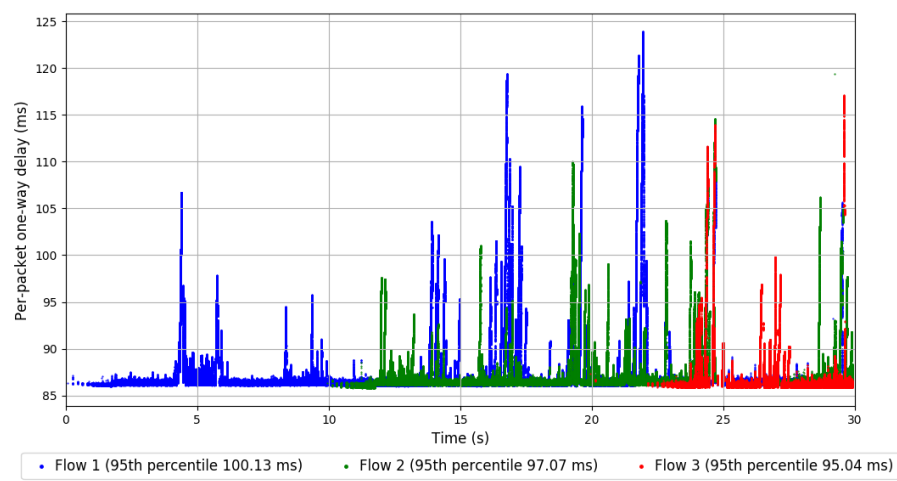
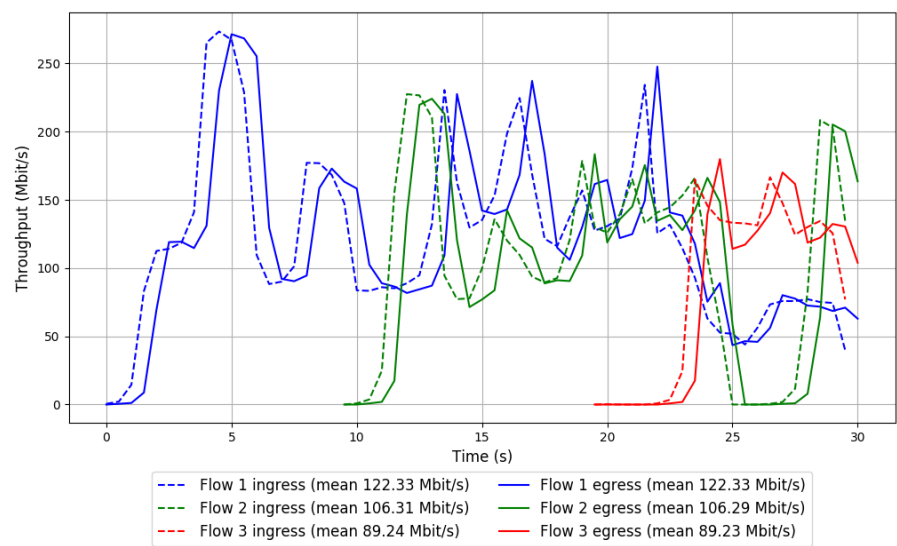
-- Flow 3:

Average throughput: 89.23 Mbit/s

95th percentile per-packet one-way delay: 95.039 ms

Loss rate: 0.01%

Run 1: Report of Copa — Data Link

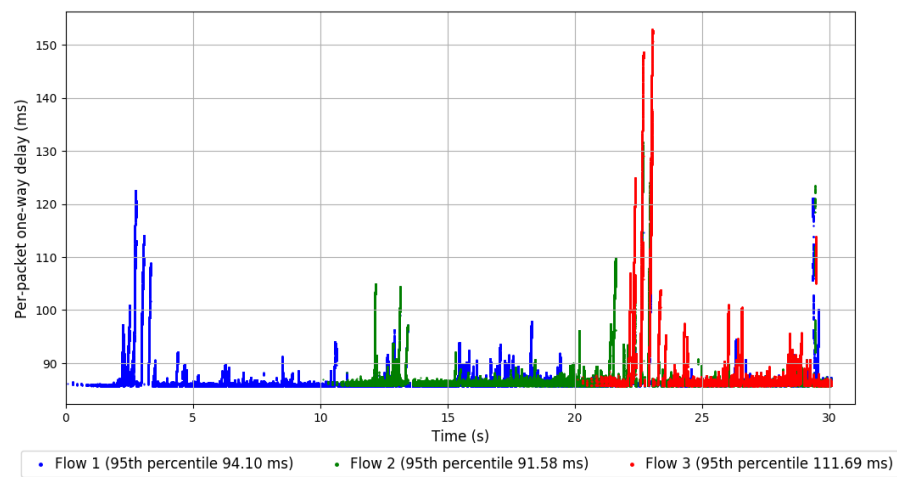
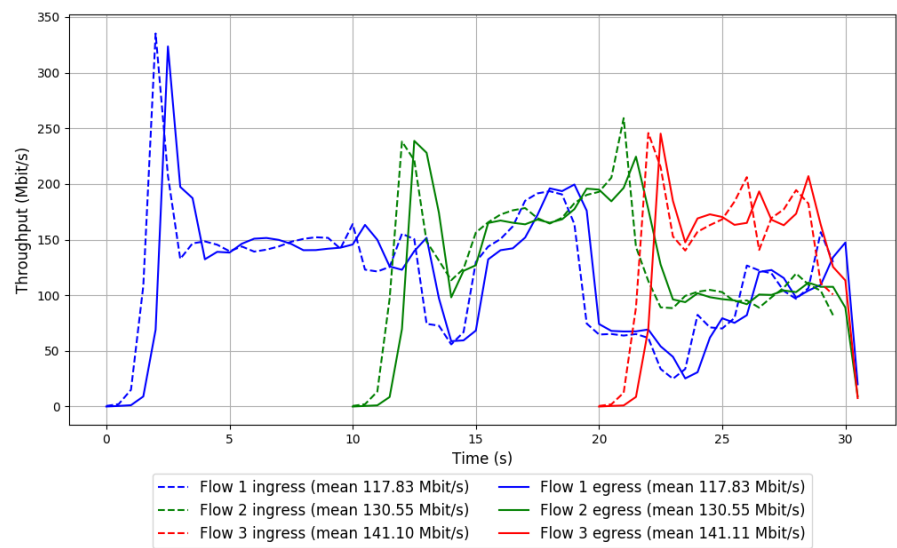


Run 2: Statistics of Copa

Start at: 2018-07-10 00:59:13
End at: 2018-07-10 00:59:44
Local clock offset: 0.114 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-07-10 05:20:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 251.69 Mbit/s
95th percentile per-packet one-way delay: 96.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 117.83 Mbit/s
95th percentile per-packet one-way delay: 94.096 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 130.55 Mbit/s
95th percentile per-packet one-way delay: 91.583 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 141.11 Mbit/s
95th percentile per-packet one-way delay: 111.688 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-07-10 01:25:07

End at: 2018-07-10 01:25:37

Local clock offset: -0.238 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2018-07-10 05:22:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 326.09 Mbit/s

95th percentile per-packet one-way delay: 103.928 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 266.44 Mbit/s

95th percentile per-packet one-way delay: 105.390 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 72.41 Mbit/s

95th percentile per-packet one-way delay: 93.459 ms

Loss rate: 0.00%

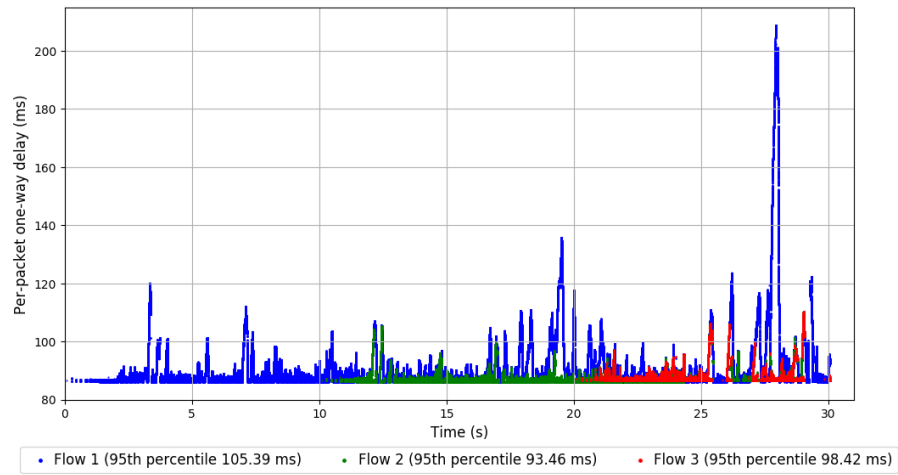
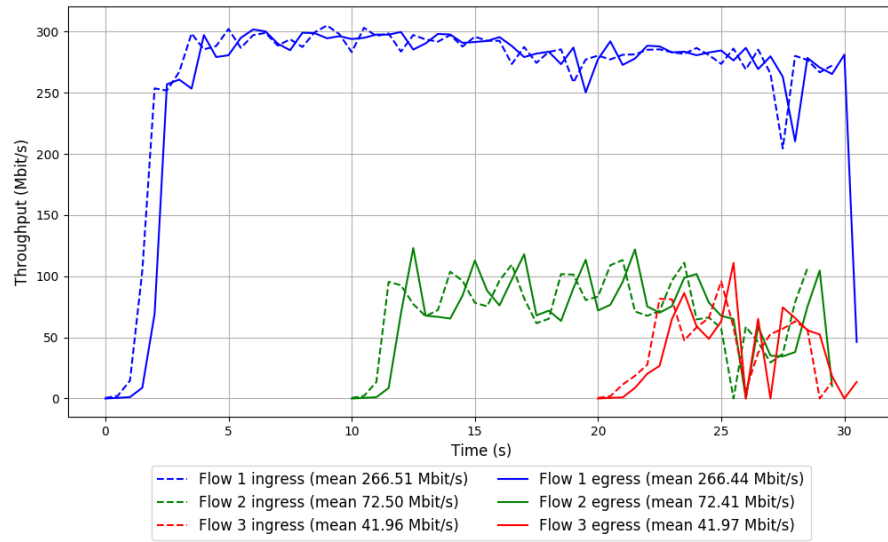
-- Flow 3:

Average throughput: 41.97 Mbit/s

95th percentile per-packet one-way delay: 98.422 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-07-10 01:51:14

End at: 2018-07-10 01:51:44

Local clock offset: -0.041 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-07-10 05:22:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 282.50 Mbit/s

95th percentile per-packet one-way delay: 97.926 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 165.80 Mbit/s

95th percentile per-packet one-way delay: 93.817 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 150.29 Mbit/s

95th percentile per-packet one-way delay: 107.682 ms

Loss rate: 0.09%

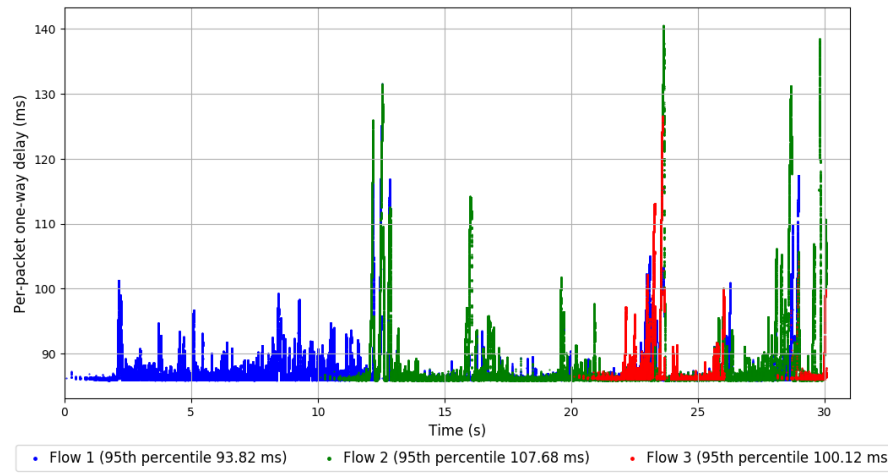
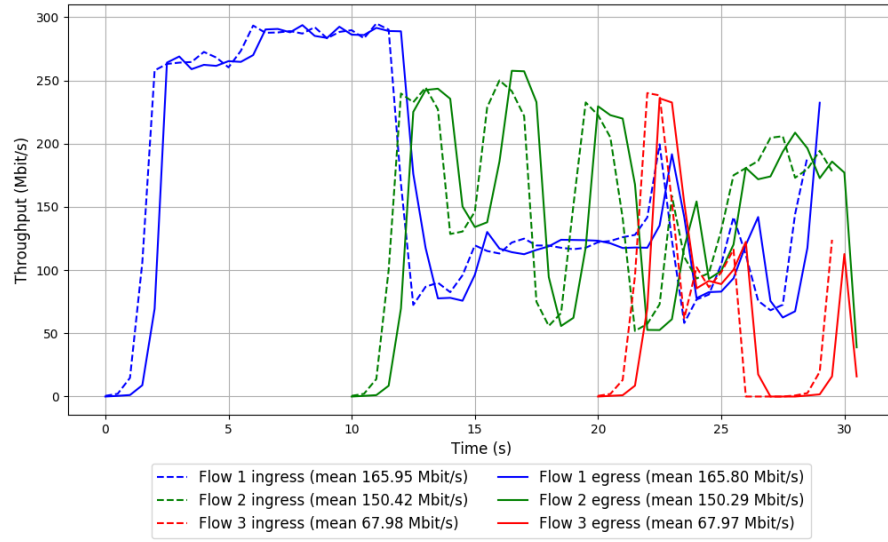
-- Flow 3:

Average throughput: 67.97 Mbit/s

95th percentile per-packet one-way delay: 100.121 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link

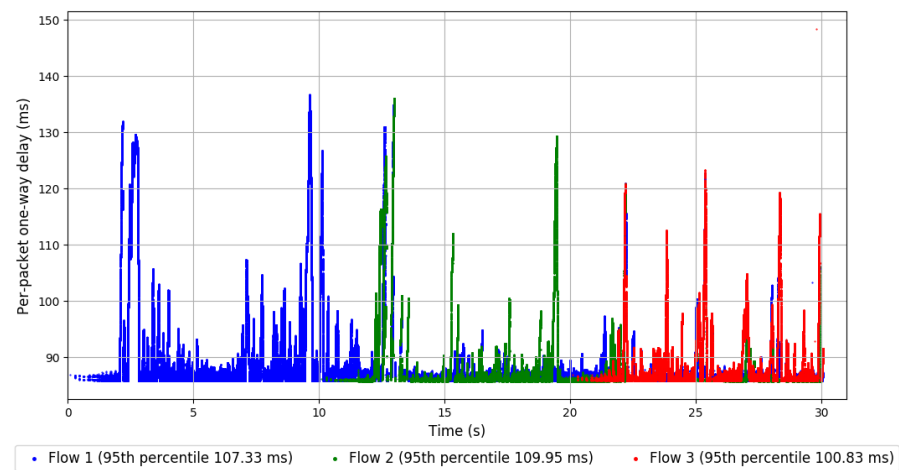
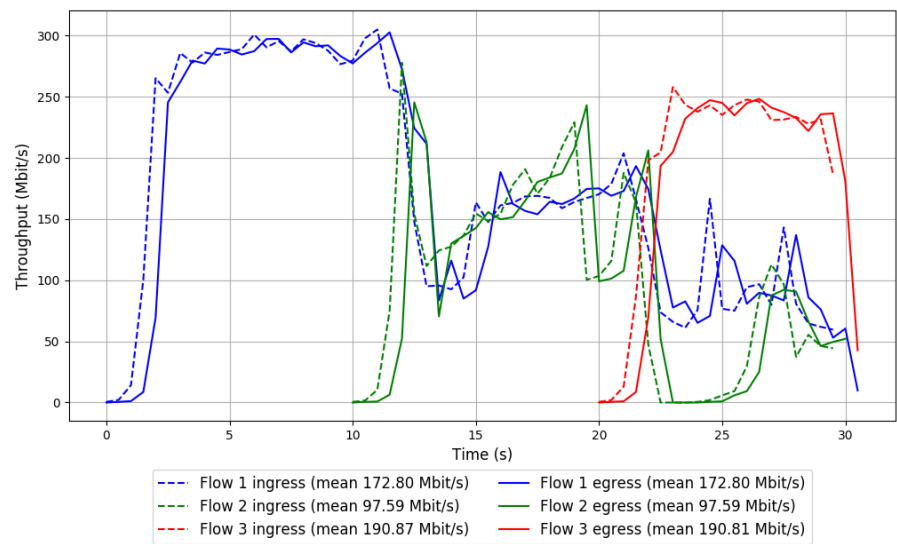


Run 5: Statistics of Copa

Start at: 2018-07-10 02:16:58
End at: 2018-07-10 02:17:28
Local clock offset: -0.006 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-07-10 05:22:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 300.85 Mbit/s
95th percentile per-packet one-way delay: 106.437 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 172.80 Mbit/s
95th percentile per-packet one-way delay: 107.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.59 Mbit/s
95th percentile per-packet one-way delay: 109.952 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 190.81 Mbit/s
95th percentile per-packet one-way delay: 100.831 ms
Loss rate: 0.03%

Run 5: Report of Copa — Data Link

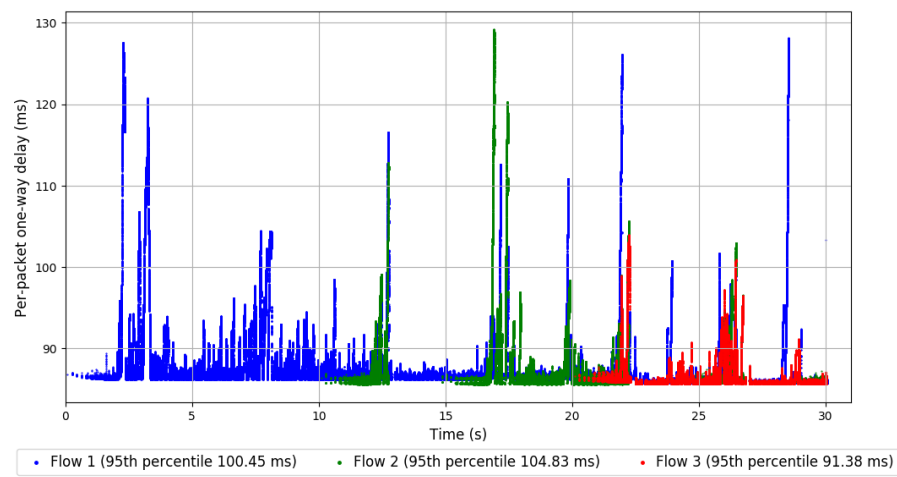
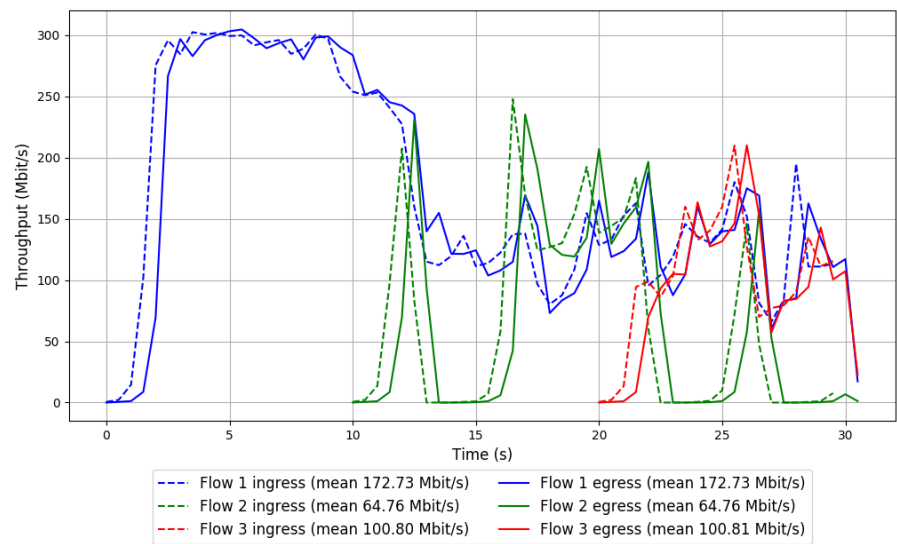


Run 6: Statistics of Copa

Start at: 2018-07-10 02:42:59
End at: 2018-07-10 02:43:29
Local clock offset: 0.199 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-07-10 05:22:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 249.24 Mbit/s
95th percentile per-packet one-way delay: 99.669 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 172.73 Mbit/s
95th percentile per-packet one-way delay: 100.454 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.76 Mbit/s
95th percentile per-packet one-way delay: 104.825 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 100.81 Mbit/s
95th percentile per-packet one-way delay: 91.377 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

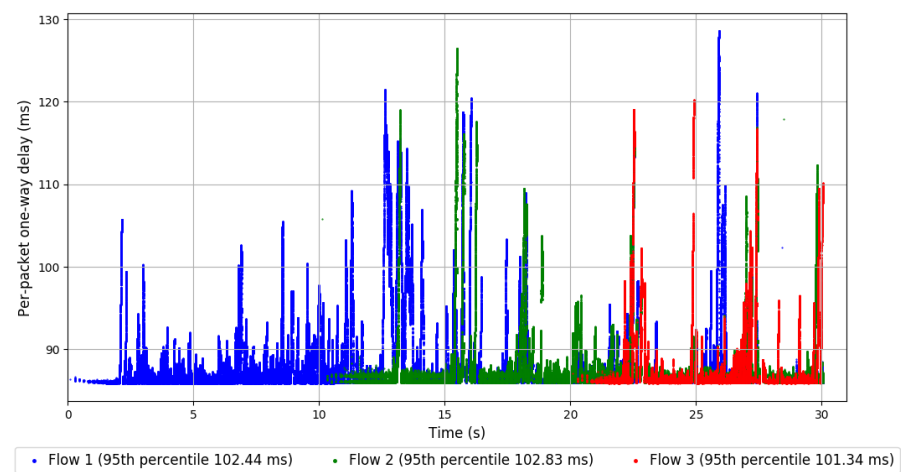
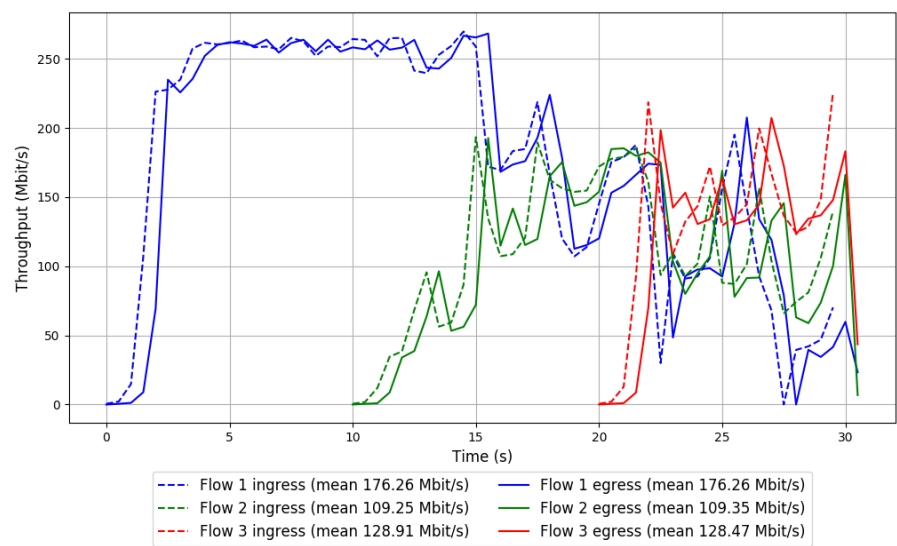


Run 7: Statistics of Copa

Start at: 2018-07-10 03:08:51
End at: 2018-07-10 03:09:21
Local clock offset: -0.106 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-07-10 05:26:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 291.71 Mbit/s
95th percentile per-packet one-way delay: 102.364 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 176.26 Mbit/s
95th percentile per-packet one-way delay: 102.442 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 109.35 Mbit/s
95th percentile per-packet one-way delay: 102.829 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 128.47 Mbit/s
95th percentile per-packet one-way delay: 101.336 ms
Loss rate: 0.34%

Run 7: Report of Copa — Data Link

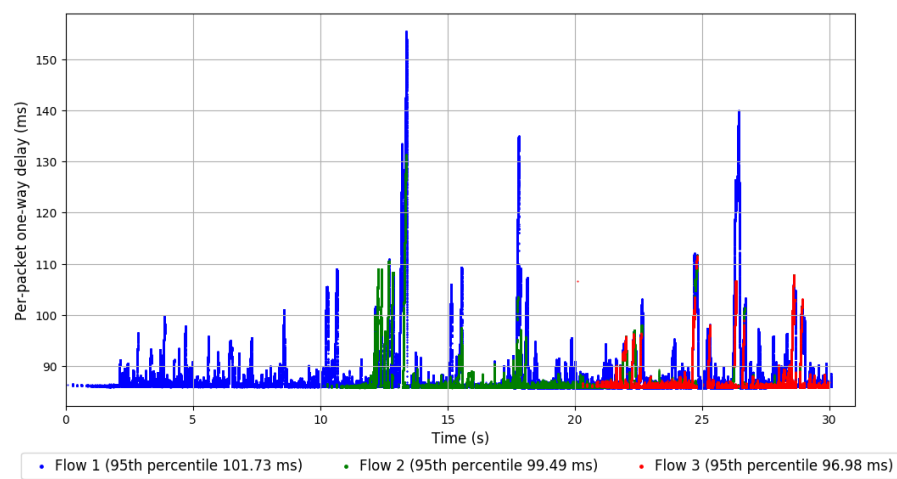
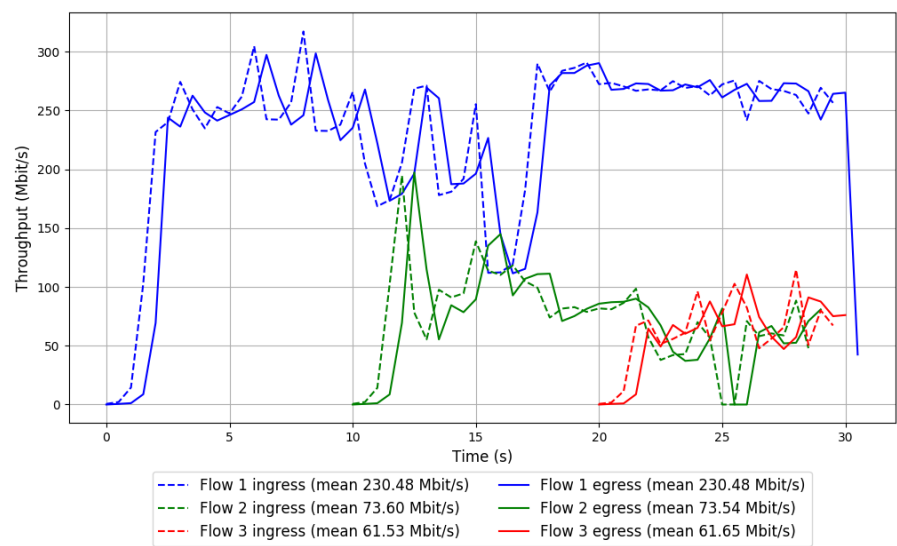


Run 8: Statistics of Copa

Start at: 2018-07-10 03:34:44
End at: 2018-07-10 03:35:14
Local clock offset: 0.082 ms
Remote clock offset: -0.086 ms

```
# Below is generated by plot.py at 2018-07-10 05:27:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 297.00 Mbit/s
95th percentile per-packet one-way delay: 101.230 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 230.48 Mbit/s
95th percentile per-packet one-way delay: 101.727 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 99.493 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.65 Mbit/s
95th percentile per-packet one-way delay: 96.984 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

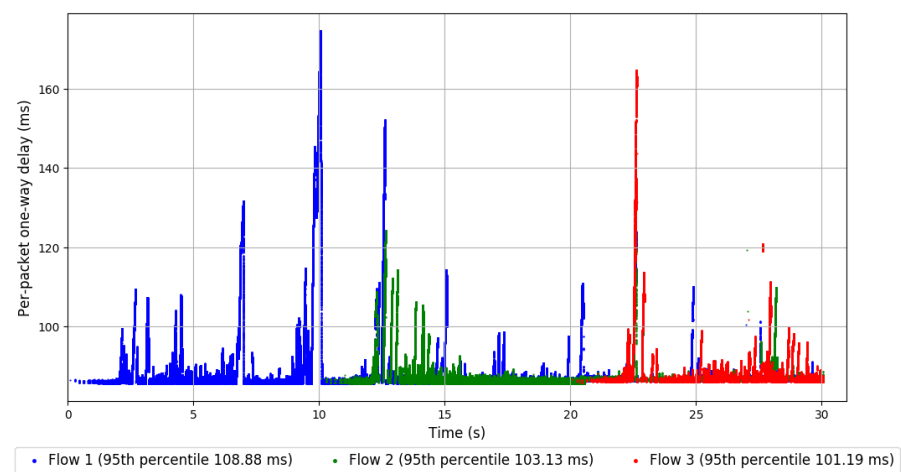
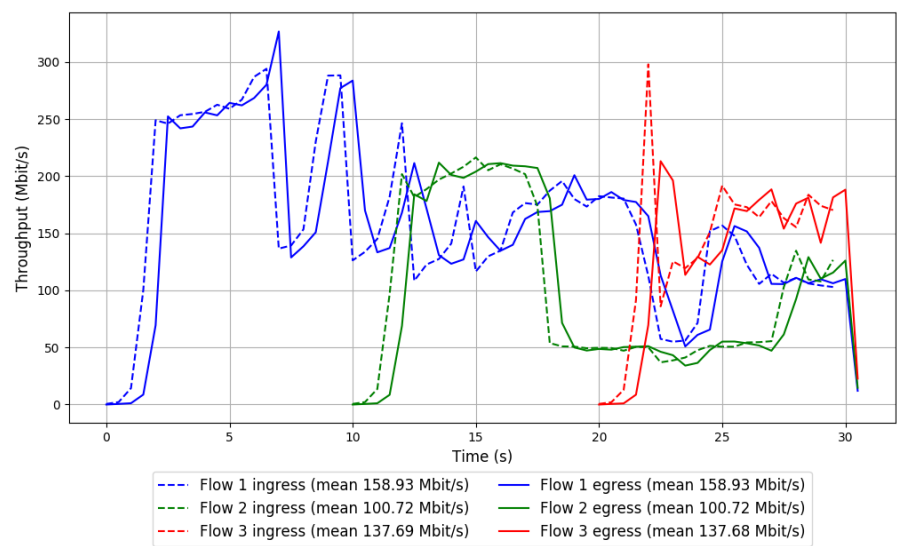


Run 9: Statistics of Copa

Start at: 2018-07-10 04:00:41
End at: 2018-07-10 04:01:11
Local clock offset: 0.128 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-10 05:28:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 271.78 Mbit/s
95th percentile per-packet one-way delay: 106.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 158.93 Mbit/s
95th percentile per-packet one-way delay: 108.884 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.72 Mbit/s
95th percentile per-packet one-way delay: 103.130 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 137.68 Mbit/s
95th percentile per-packet one-way delay: 101.190 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

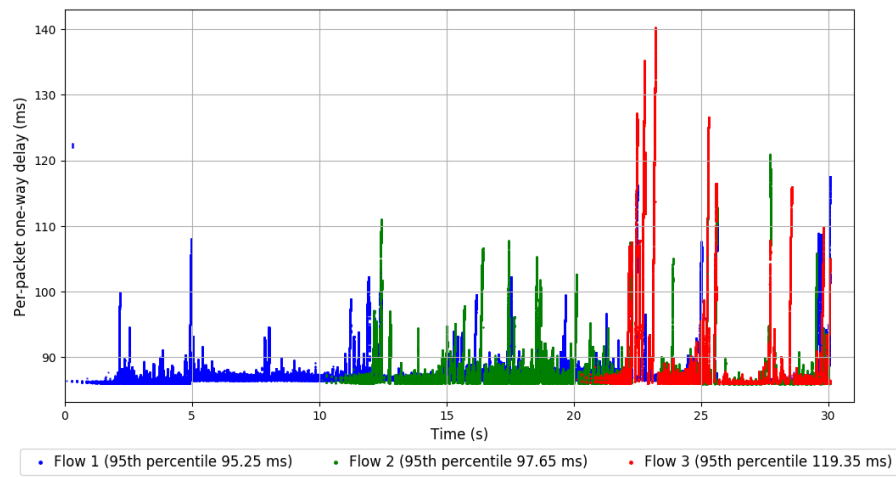
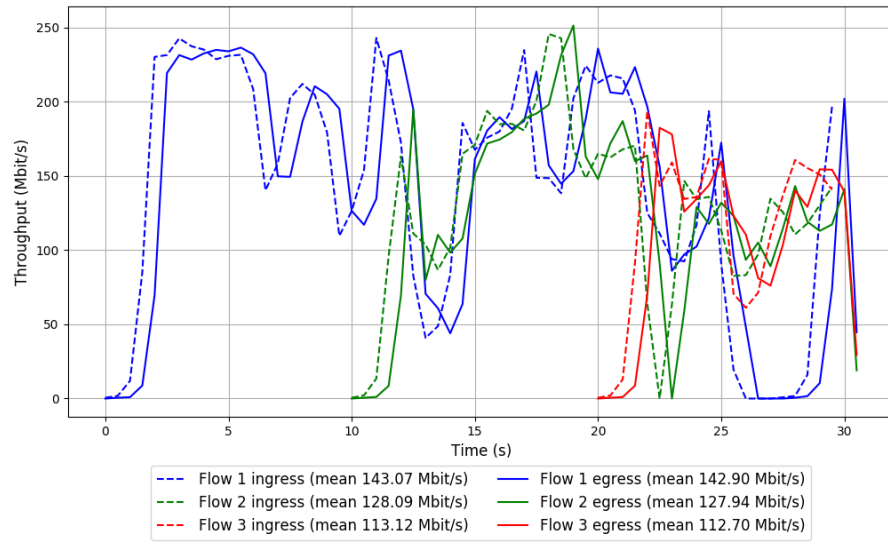


Run 10: Statistics of Copa

Start at: 2018-07-10 04:26:36
End at: 2018-07-10 04:27:06
Local clock offset: -0.198 ms
Remote clock offset: -0.127 ms

Below is generated by plot.py at 2018-07-10 05:29:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 265.58 Mbit/s
95th percentile per-packet one-way delay: 99.884 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 142.90 Mbit/s
95th percentile per-packet one-way delay: 95.247 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 127.94 Mbit/s
95th percentile per-packet one-way delay: 97.649 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 112.70 Mbit/s
95th percentile per-packet one-way delay: 119.354 ms
Loss rate: 0.32%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-07-10 00:55:06

End at: 2018-07-10 00:55:36

Local clock offset: -0.11 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2018-07-10 05:29:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 188.51 Mbit/s

95th percentile per-packet one-way delay: 97.675 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 95.06 Mbit/s

95th percentile per-packet one-way delay: 97.272 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 106.87 Mbit/s

95th percentile per-packet one-way delay: 99.093 ms

Loss rate: 0.01%

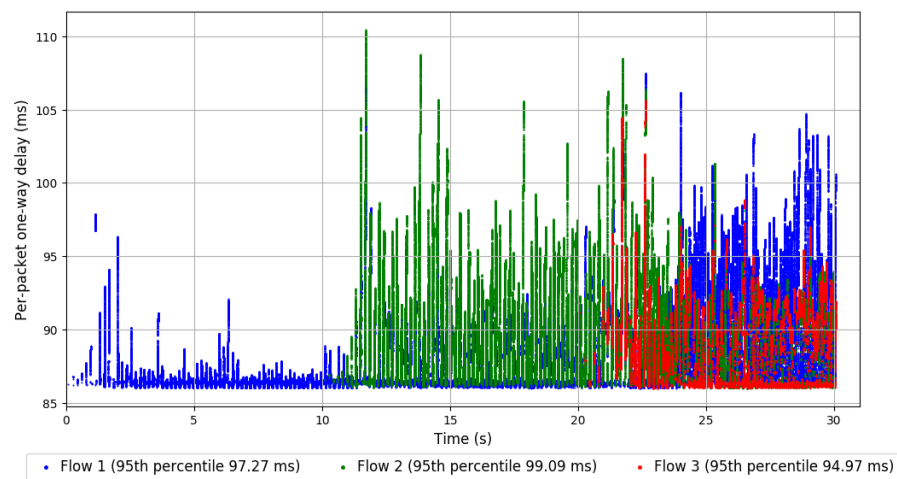
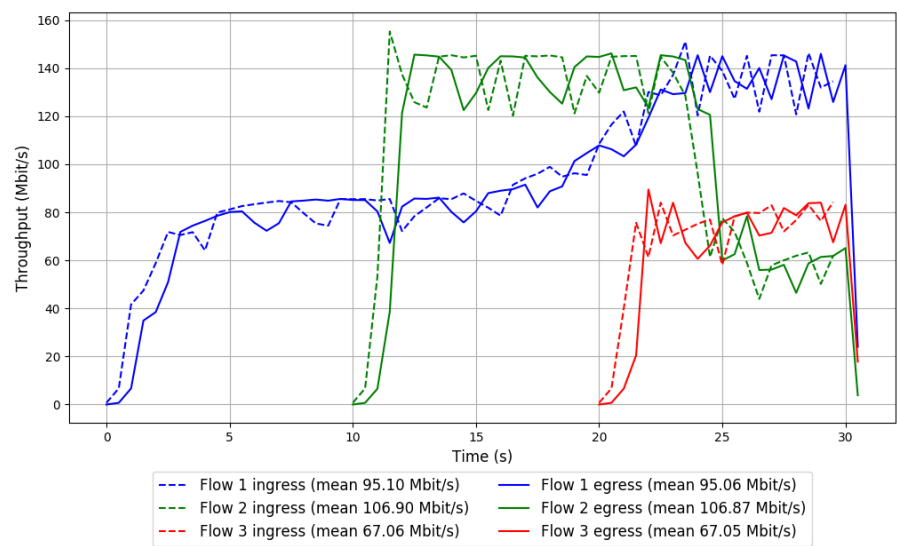
-- Flow 3:

Average throughput: 67.05 Mbit/s

95th percentile per-packet one-way delay: 94.969 ms

Loss rate: 0.02%

Run 1: Report of TCP Cubic — Data Link

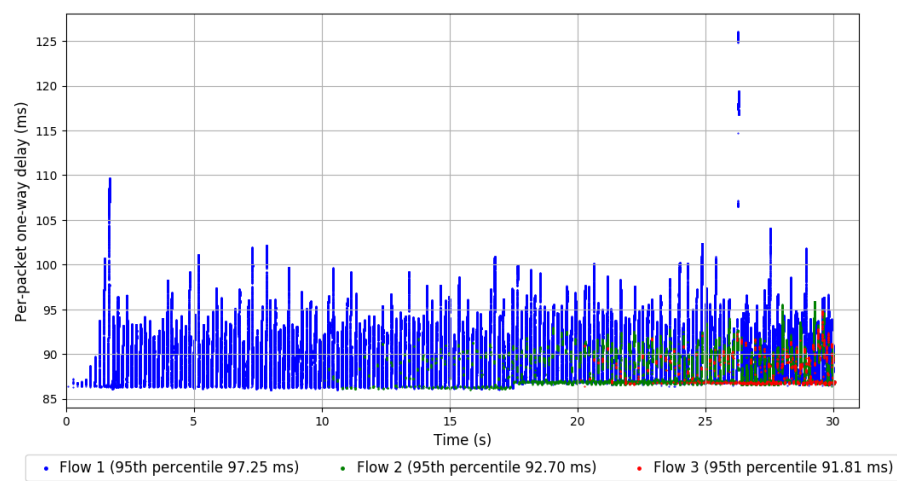
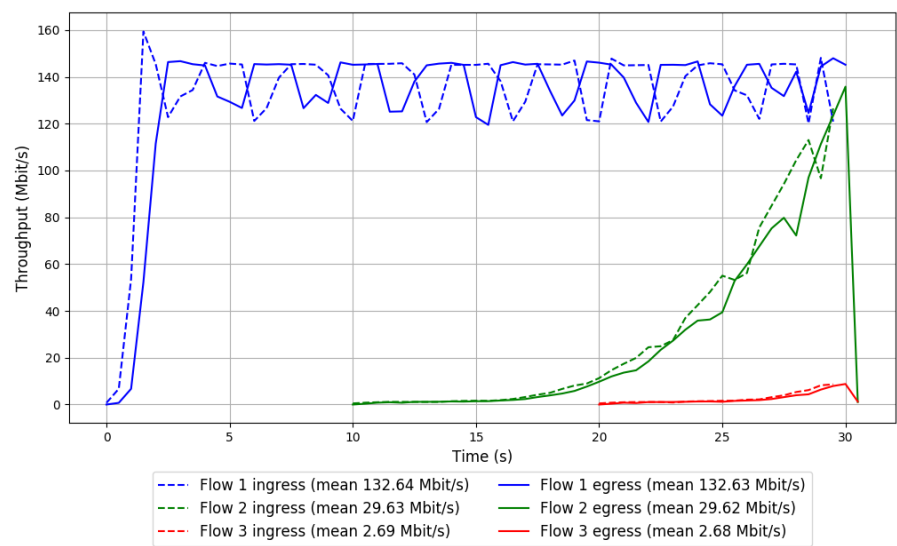


Run 2: Statistics of TCP Cubic

Start at: 2018-07-10 01:21:04
End at: 2018-07-10 01:21:34
Local clock offset: -0.126 ms
Remote clock offset: 0.015 ms

Below is generated by plot.py at 2018-07-10 05:29:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 152.94 Mbit/s
95th percentile per-packet one-way delay: 96.877 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.63 Mbit/s
95th percentile per-packet one-way delay: 97.252 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 92.698 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 91.808 ms
Loss rate: 0.22%

Run 2: Report of TCP Cubic — Data Link

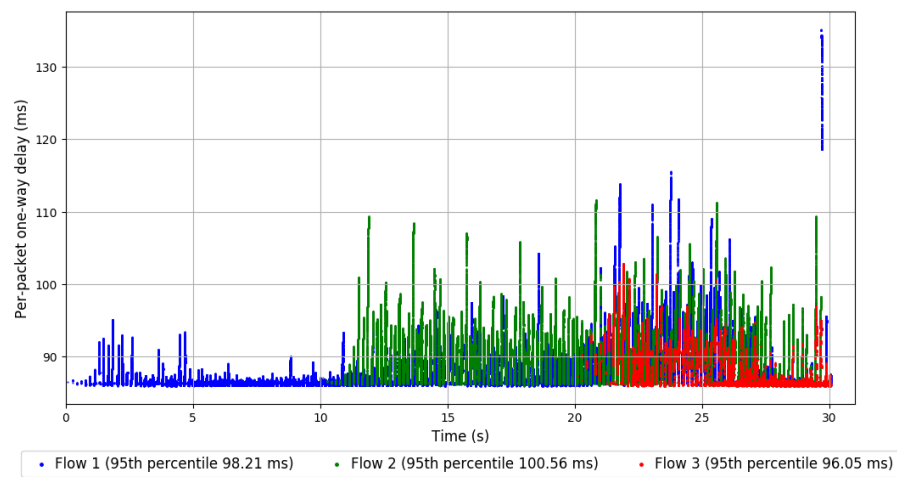
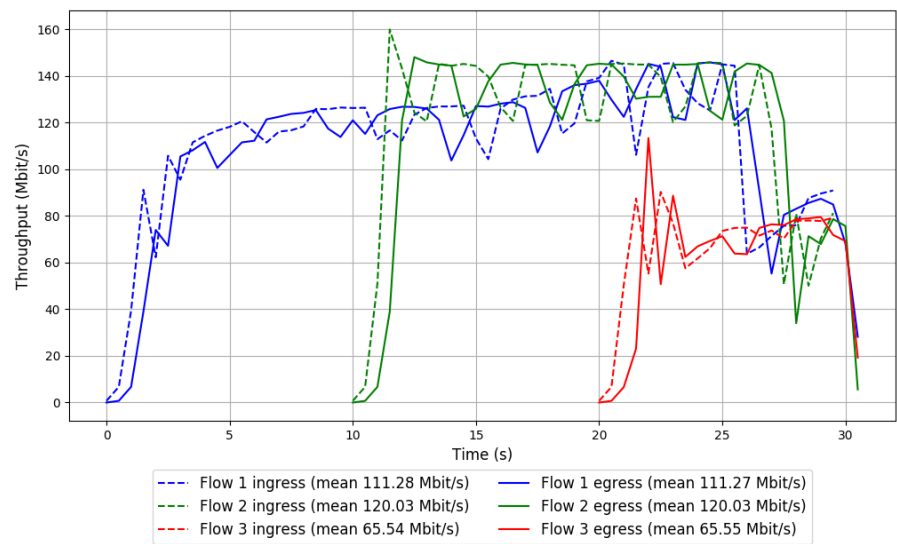


Run 3: Statistics of TCP Cubic

Start at: 2018-07-10 01:47:07
End at: 2018-07-10 01:47:37
Local clock offset: -0.124 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-07-10 05:29:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 212.76 Mbit/s
95th percentile per-packet one-way delay: 99.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 111.27 Mbit/s
95th percentile per-packet one-way delay: 98.212 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 120.03 Mbit/s
95th percentile per-packet one-way delay: 100.562 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.55 Mbit/s
95th percentile per-packet one-way delay: 96.054 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-07-10 02:12:54

End at: 2018-07-10 02:13:24

Local clock offset: -0.087 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-07-10 05:29:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 159.46 Mbit/s

95th percentile per-packet one-way delay: 96.579 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 84.22 Mbit/s

95th percentile per-packet one-way delay: 98.613 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 72.41 Mbit/s

95th percentile per-packet one-way delay: 94.010 ms

Loss rate: 0.11%

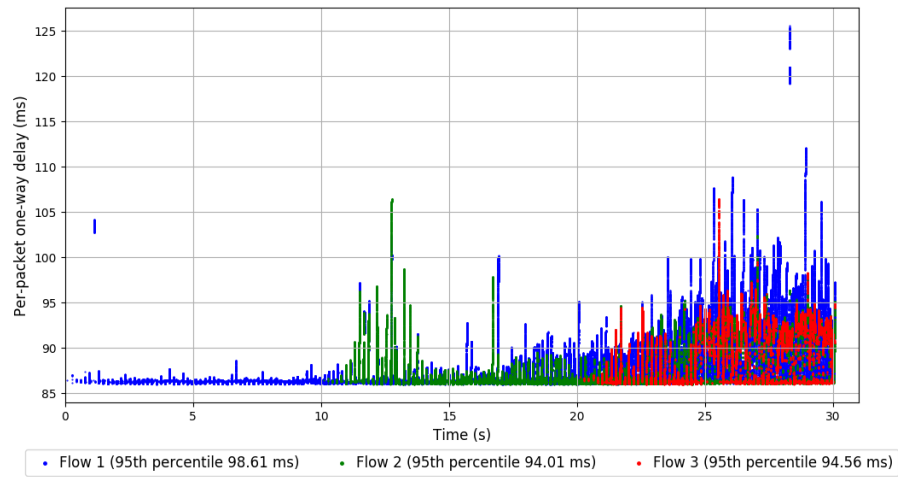
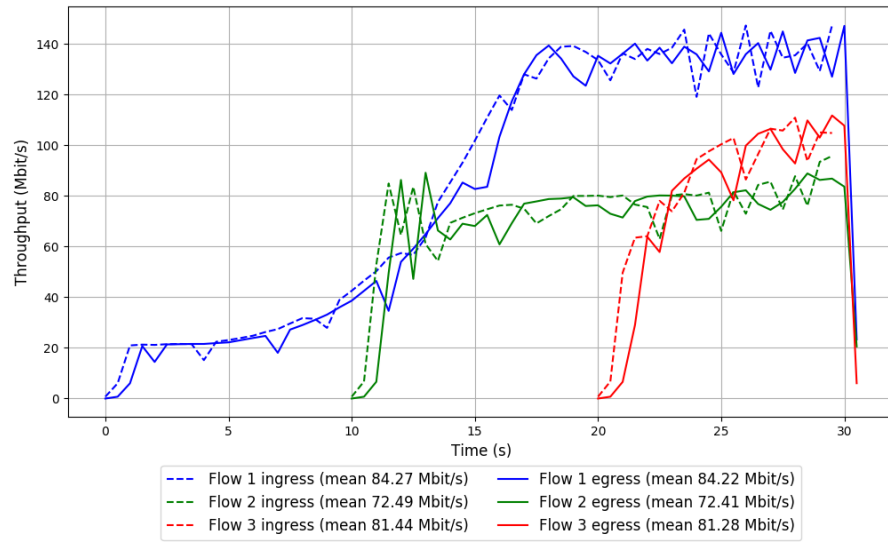
-- Flow 3:

Average throughput: 81.28 Mbit/s

95th percentile per-packet one-way delay: 94.559 ms

Loss rate: 0.20%

Run 4: Report of TCP Cubic — Data Link

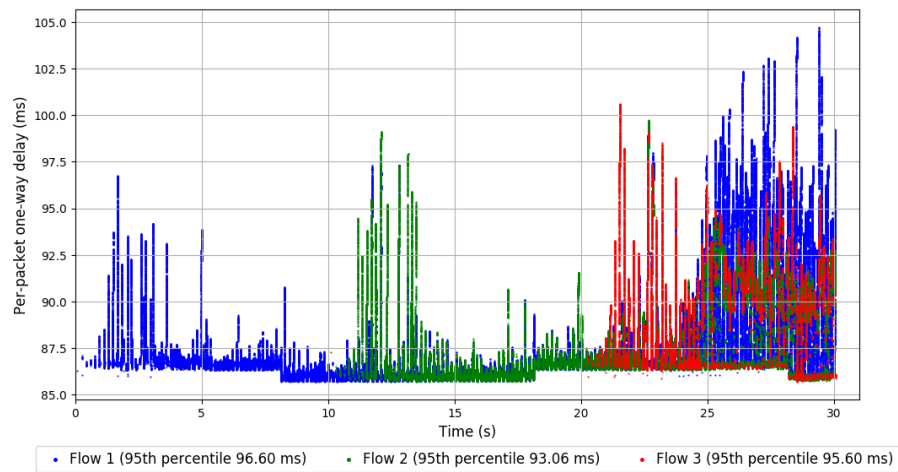
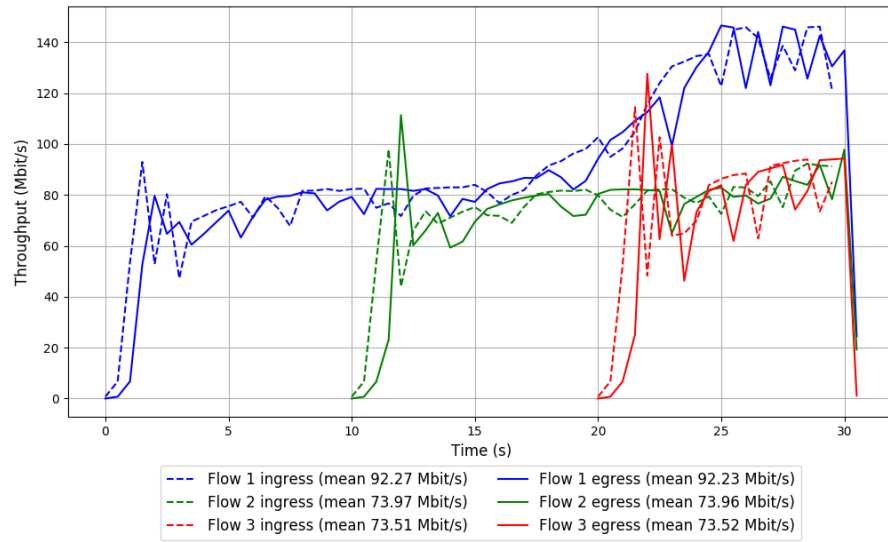


Run 5: Statistics of TCP Cubic

Start at: 2018-07-10 02:38:53
End at: 2018-07-10 02:39:23
Local clock offset: 0.054 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-07-10 05:29:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 165.85 Mbit/s
95th percentile per-packet one-way delay: 95.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 96.601 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 73.96 Mbit/s
95th percentile per-packet one-way delay: 93.057 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.52 Mbit/s
95th percentile per-packet one-way delay: 95.597 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

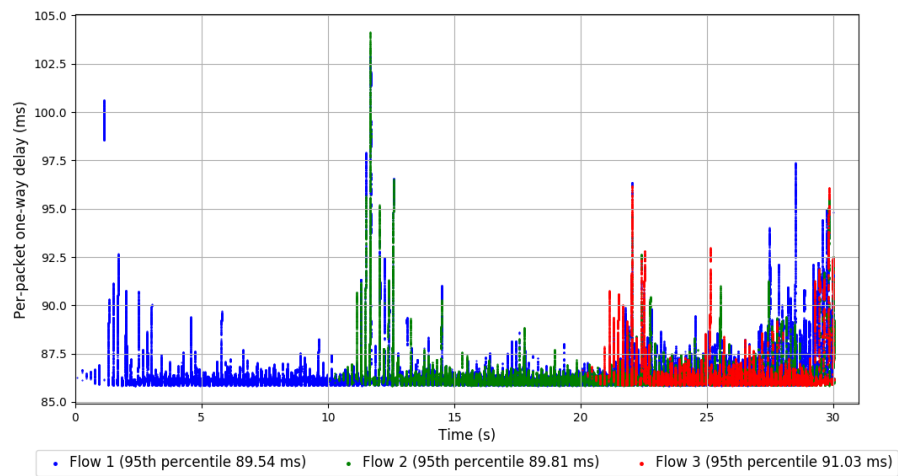
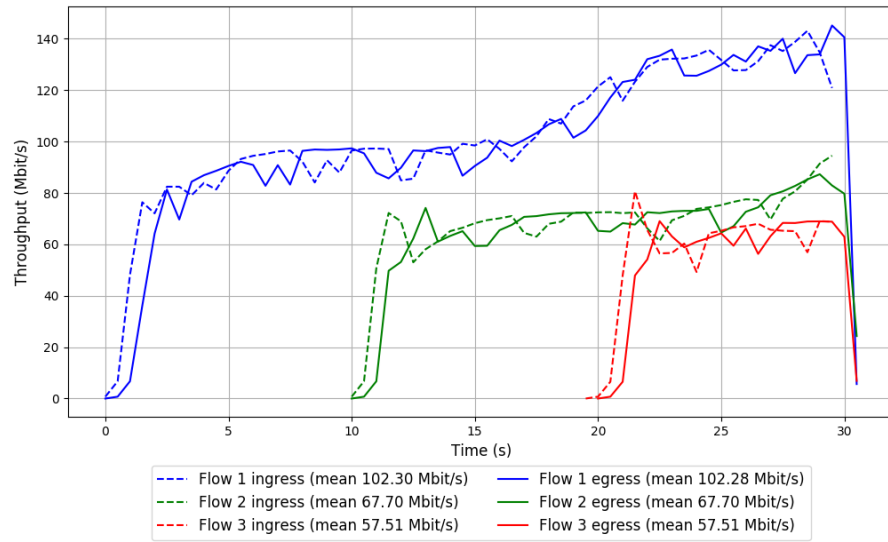


Run 6: Statistics of TCP Cubic

Start at: 2018-07-10 03:04:47
End at: 2018-07-10 03:05:17
Local clock offset: 0.09 ms
Remote clock offset: -0.038 ms

```
# Below is generated by plot.py at 2018-07-10 05:29:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 166.39 Mbit/s
95th percentile per-packet one-way delay: 89.879 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.28 Mbit/s
95th percentile per-packet one-way delay: 89.543 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.70 Mbit/s
95th percentile per-packet one-way delay: 89.811 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 91.032 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Cubic — Data Link

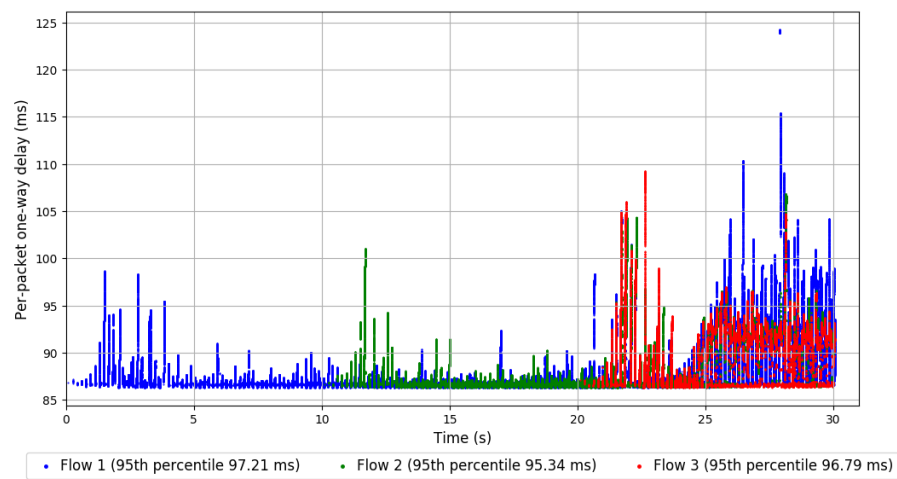
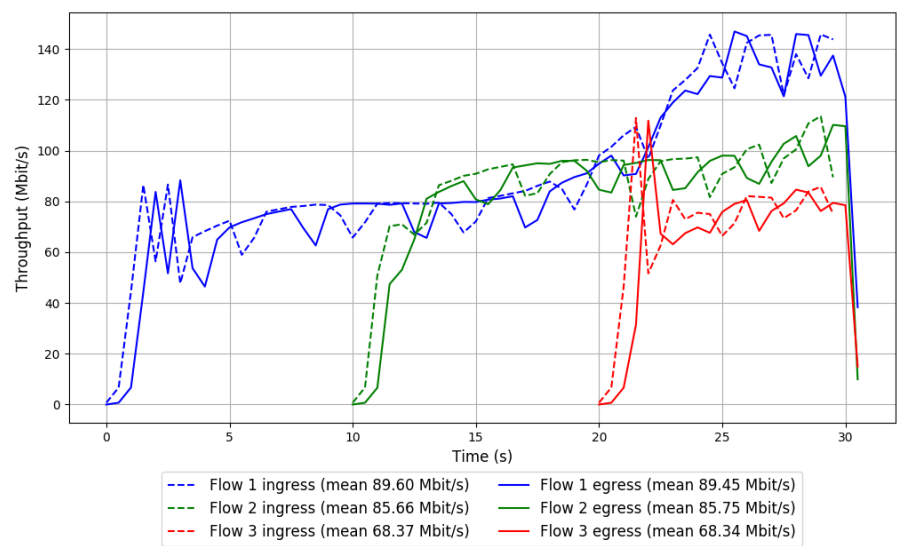


Run 7: Statistics of TCP Cubic

Start at: 2018-07-10 03:30:38
End at: 2018-07-10 03:31:08
Local clock offset: -0.288 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-07-10 05:29:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 169.22 Mbit/s
95th percentile per-packet one-way delay: 96.402 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 97.209 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 85.75 Mbit/s
95th percentile per-packet one-way delay: 95.337 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 68.34 Mbit/s
95th percentile per-packet one-way delay: 96.786 ms
Loss rate: 0.04%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-07-10 03:56:33

End at: 2018-07-10 03:57:03

Local clock offset: 0.055 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-07-10 05:29:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 168.66 Mbit/s

95th percentile per-packet one-way delay: 93.846 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 125.44 Mbit/s

95th percentile per-packet one-way delay: 94.414 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 63.48 Mbit/s

95th percentile per-packet one-way delay: 91.526 ms

Loss rate: 0.00%

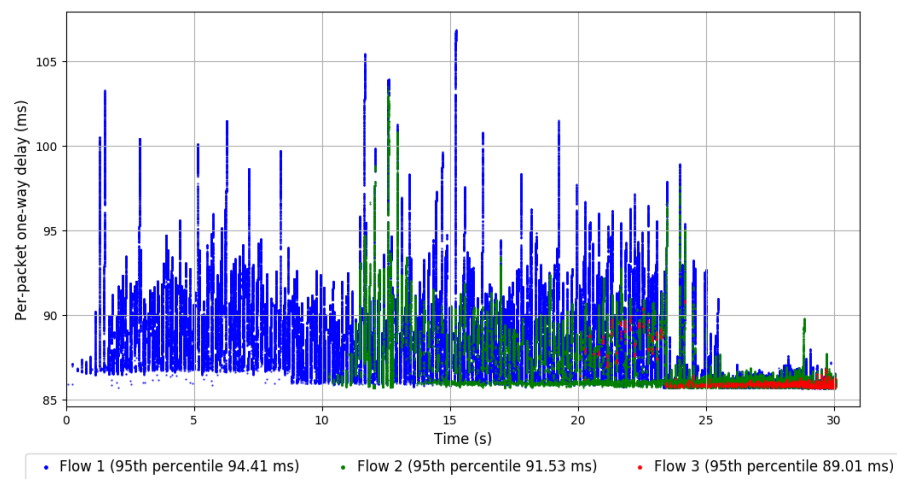
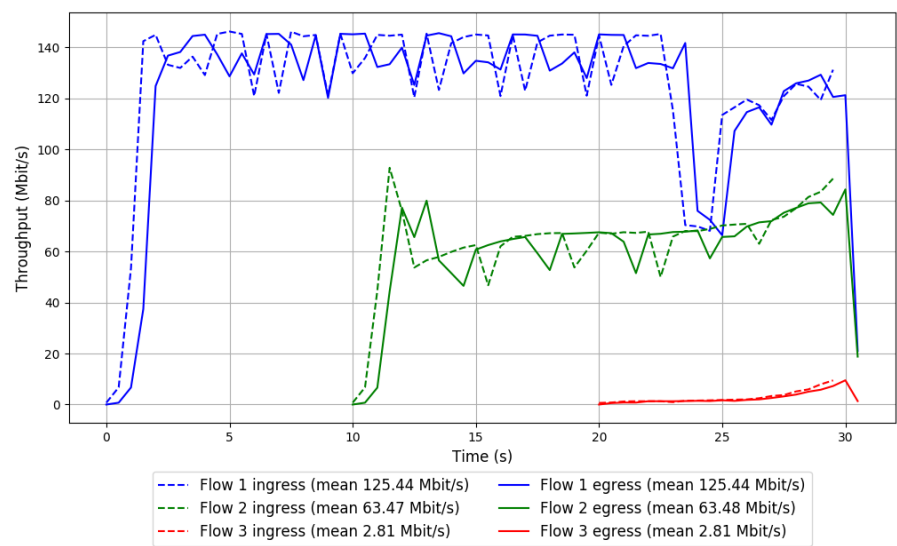
-- Flow 3:

Average throughput: 2.81 Mbit/s

95th percentile per-packet one-way delay: 89.012 ms

Loss rate: 0.09%

Run 8: Report of TCP Cubic — Data Link

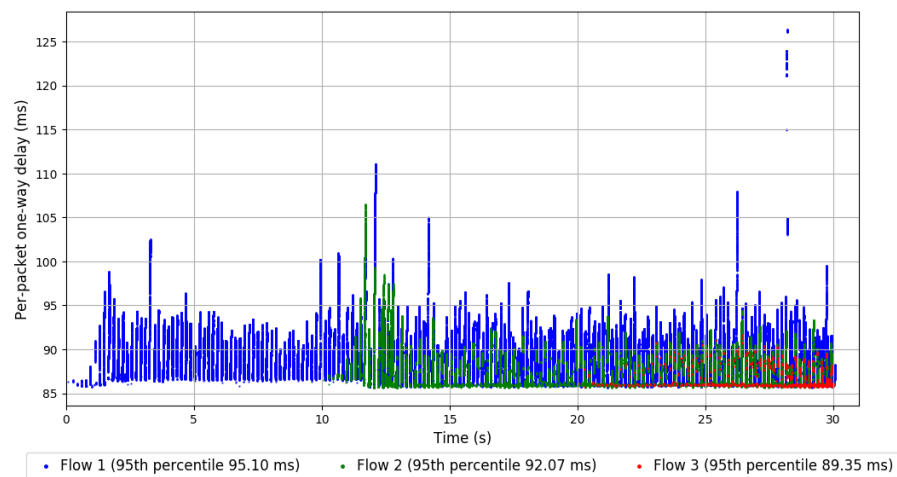
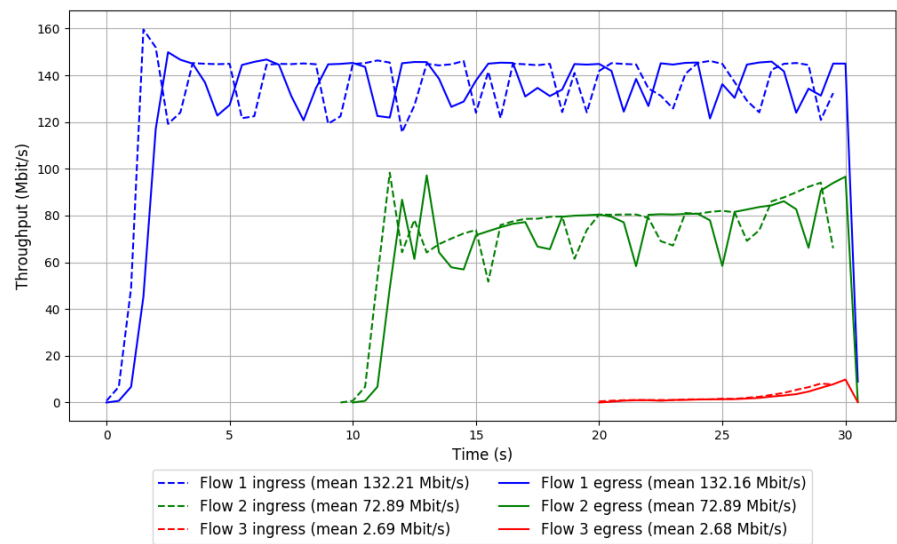


Run 9: Statistics of TCP Cubic

Start at: 2018-07-10 04:22:30
End at: 2018-07-10 04:23:00
Local clock offset: 0.16 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2018-07-10 05:29:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 181.58 Mbit/s
95th percentile per-packet one-way delay: 94.531 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 132.16 Mbit/s
95th percentile per-packet one-way delay: 95.099 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: 92.067 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.68 Mbit/s
95th percentile per-packet one-way delay: 89.351 ms
Loss rate: 0.22%

Run 9: Report of TCP Cubic — Data Link

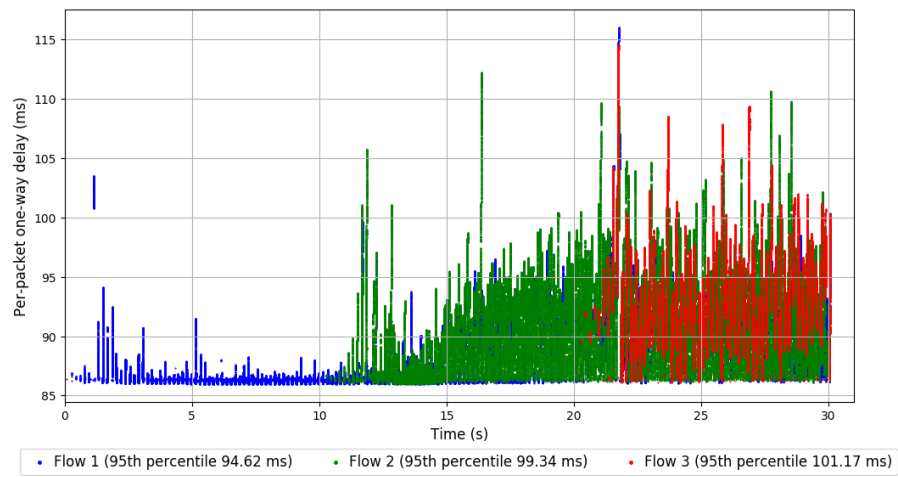
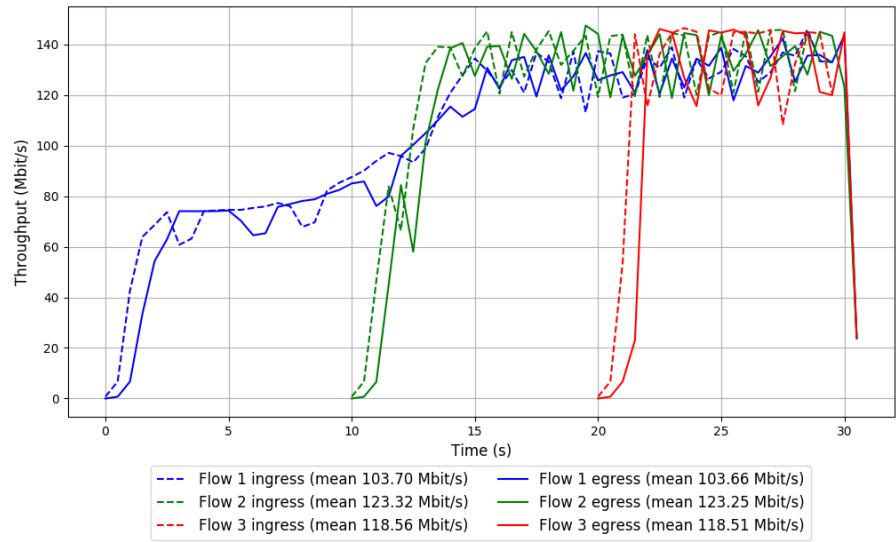


Run 10: Statistics of TCP Cubic

Start at: 2018-07-10 04:48:17
End at: 2018-07-10 04:48:47
Local clock offset: -0.148 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-10 05:30:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 225.06 Mbit/s
95th percentile per-packet one-way delay: 98.483 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.66 Mbit/s
95th percentile per-packet one-way delay: 94.618 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 123.25 Mbit/s
95th percentile per-packet one-way delay: 99.337 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 118.51 Mbit/s
95th percentile per-packet one-way delay: 101.175 ms
Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-07-10 00:50:04

End at: 2018-07-10 00:50:34

Local clock offset: -0.067 ms

Remote clock offset: 0.023 ms

Below is generated by plot.py at 2018-07-10 05:52:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 1242.21 Mbit/s

95th percentile per-packet one-way delay: 190.273 ms

Loss rate: 7.54%

-- Flow 1:

Average throughput: 663.08 Mbit/s

95th percentile per-packet one-way delay: 182.372 ms

Loss rate: 7.57%

-- Flow 2:

Average throughput: 583.47 Mbit/s

95th percentile per-packet one-way delay: 209.099 ms

Loss rate: 10.00%

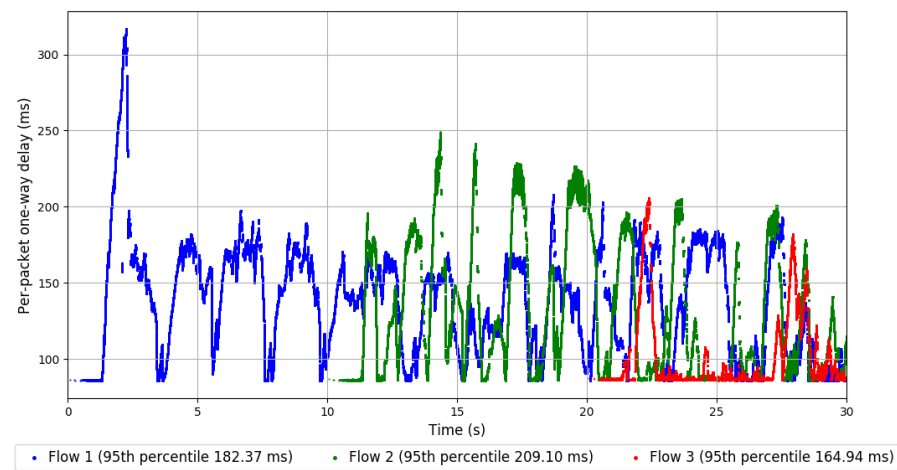
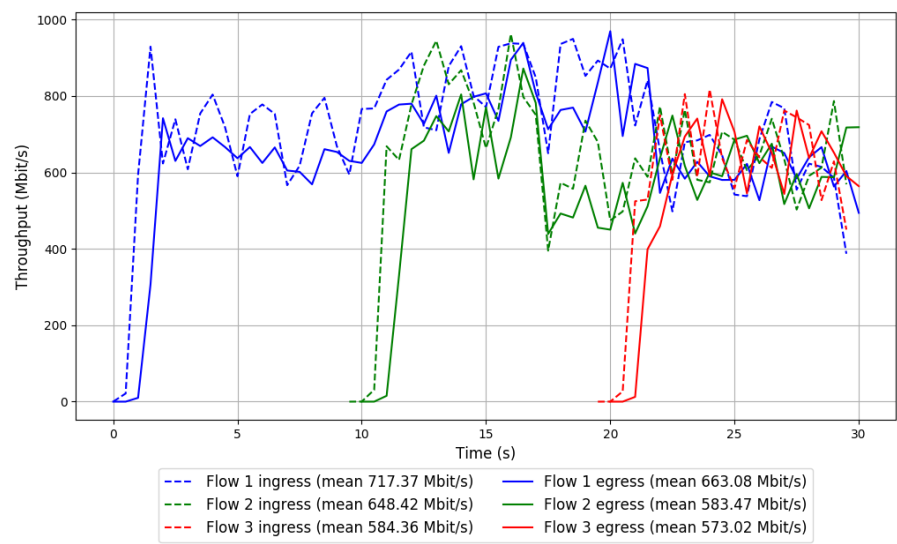
-- Flow 3:

Average throughput: 573.02 Mbit/s

95th percentile per-packet one-way delay: 164.938 ms

Loss rate: 1.96%

Run 1: Report of FillP — Data Link

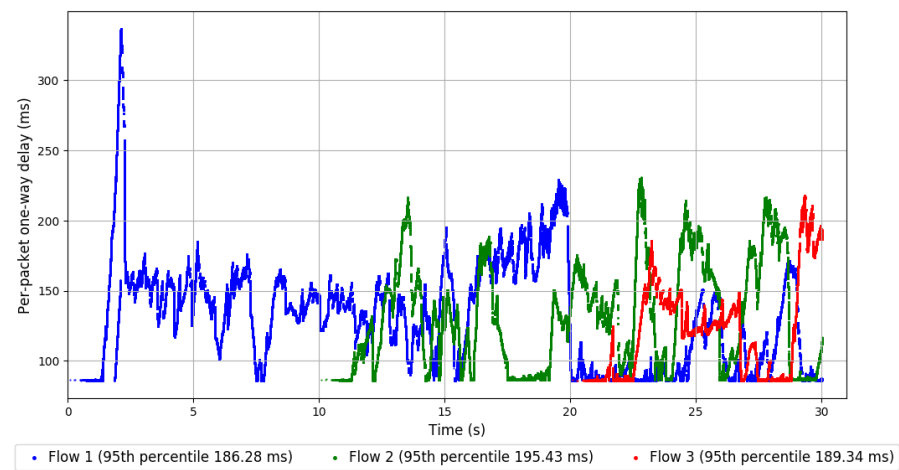
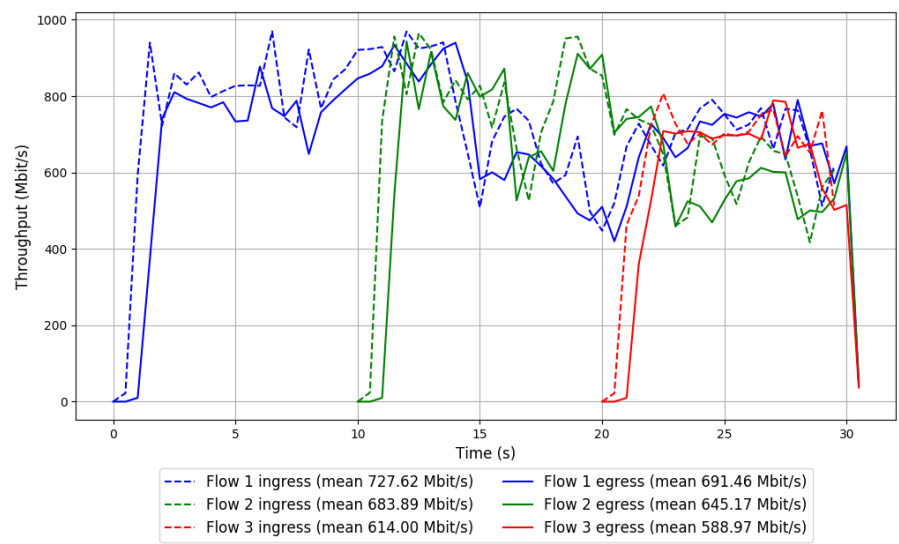


Run 2: Statistics of FillP

Start at: 2018-07-10 01:15:56
End at: 2018-07-10 01:16:26
Local clock offset: -0.153 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-07-10 05:55:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 1316.56 Mbit/s
95th percentile per-packet one-way delay: 190.621 ms
Loss rate: 5.06%
-- Flow 1:
Average throughput: 691.46 Mbit/s
95th percentile per-packet one-way delay: 186.278 ms
Loss rate: 4.97%
-- Flow 2:
Average throughput: 645.17 Mbit/s
95th percentile per-packet one-way delay: 195.429 ms
Loss rate: 5.66%
-- Flow 3:
Average throughput: 588.97 Mbit/s
95th percentile per-packet one-way delay: 189.343 ms
Loss rate: 4.05%

Run 2: Report of FillP — Data Link

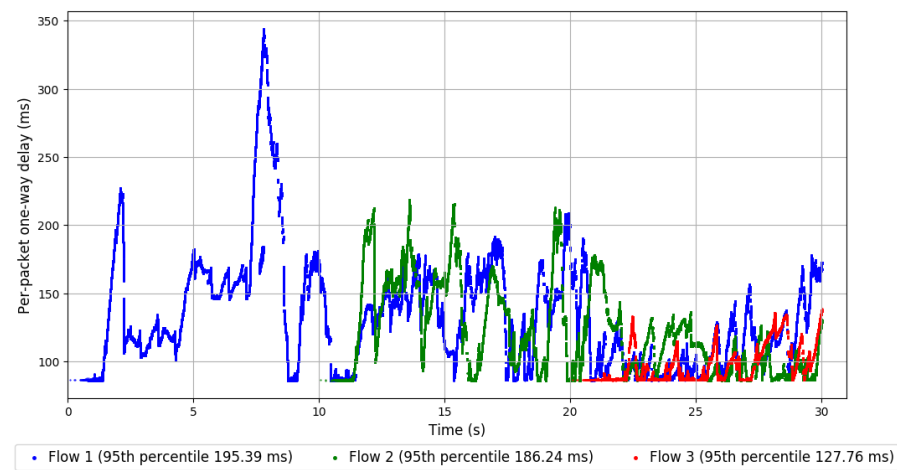
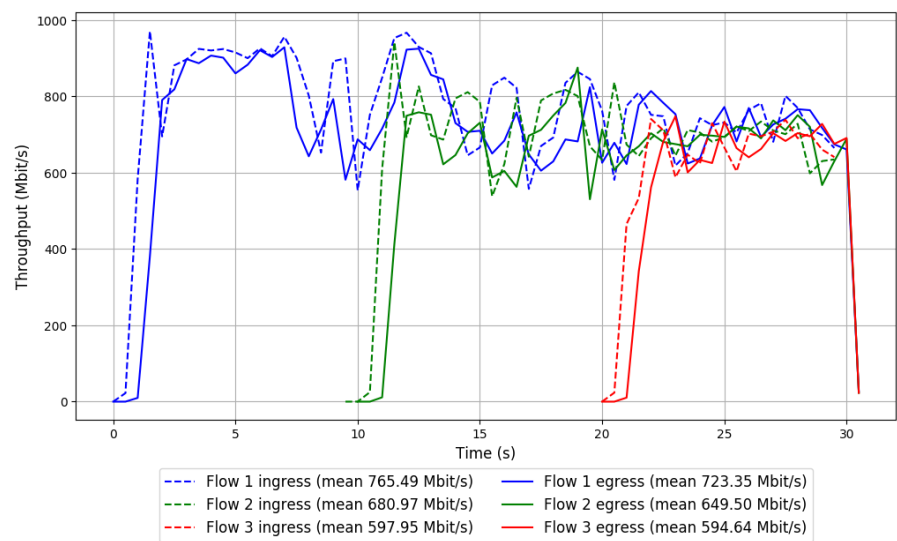


Run 3: Statistics of FillP

Start at: 2018-07-10 01:42:03
End at: 2018-07-10 01:42:33
Local clock offset: -0.11 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-07-10 05:56:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 1353.38 Mbit/s
95th percentile per-packet one-way delay: 184.781 ms
Loss rate: 4.53%
-- Flow 1:
Average throughput: 723.35 Mbit/s
95th percentile per-packet one-way delay: 195.392 ms
Loss rate: 5.50%
-- Flow 2:
Average throughput: 649.50 Mbit/s
95th percentile per-packet one-way delay: 186.236 ms
Loss rate: 4.62%
-- Flow 3:
Average throughput: 594.64 Mbit/s
95th percentile per-packet one-way delay: 127.762 ms
Loss rate: 0.55%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-07-10 02:07:58

End at: 2018-07-10 02:08:28

Local clock offset: 0.01 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2018-07-10 05:56:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 1172.36 Mbit/s

95th percentile per-packet one-way delay: 275.250 ms

Loss rate: 2.34%

-- Flow 1:

Average throughput: 609.87 Mbit/s

95th percentile per-packet one-way delay: 272.436 ms

Loss rate: 0.95%

-- Flow 2:

Average throughput: 518.01 Mbit/s

95th percentile per-packet one-way delay: 295.822 ms

Loss rate: 2.83%

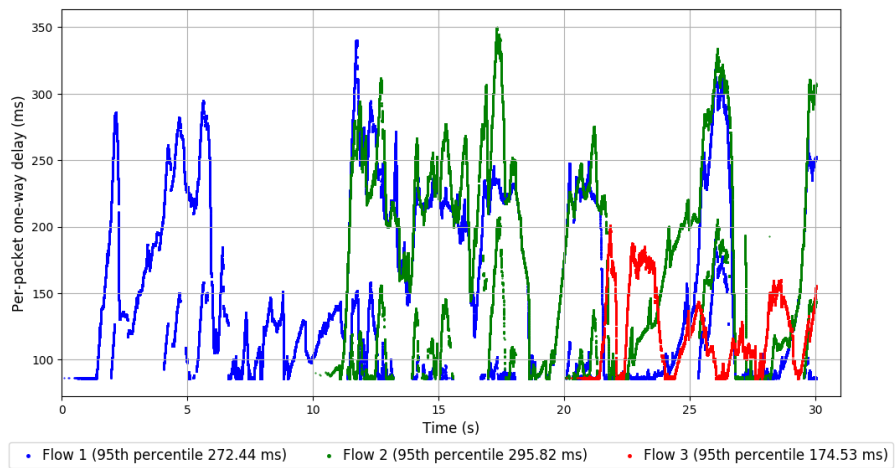
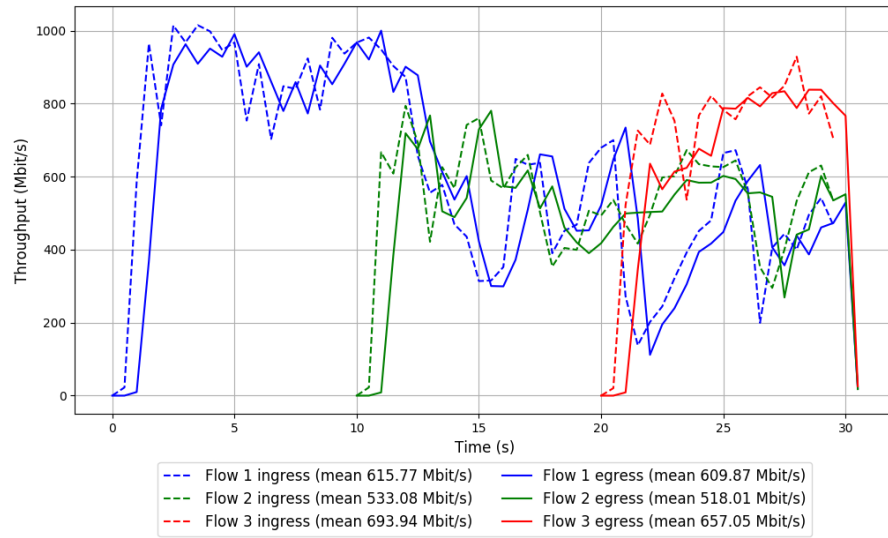
-- Flow 3:

Average throughput: 657.05 Mbit/s

95th percentile per-packet one-way delay: 174.533 ms

Loss rate: 5.30%

Run 4: Report of FillP — Data Link

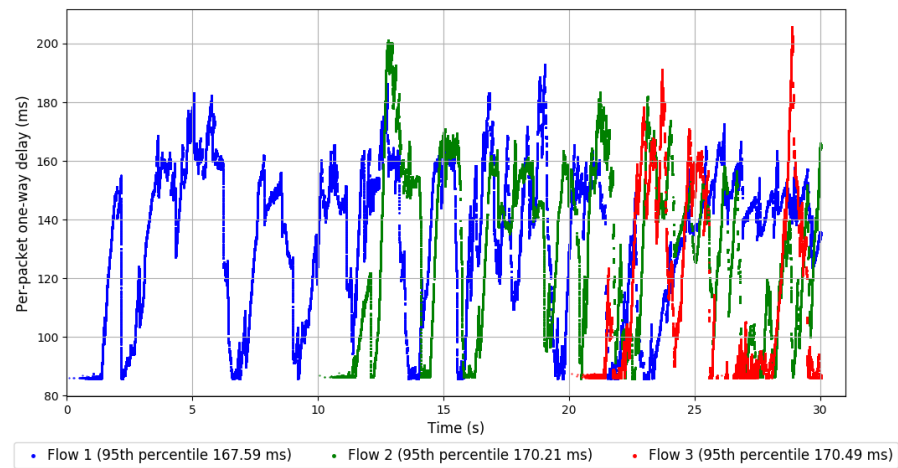
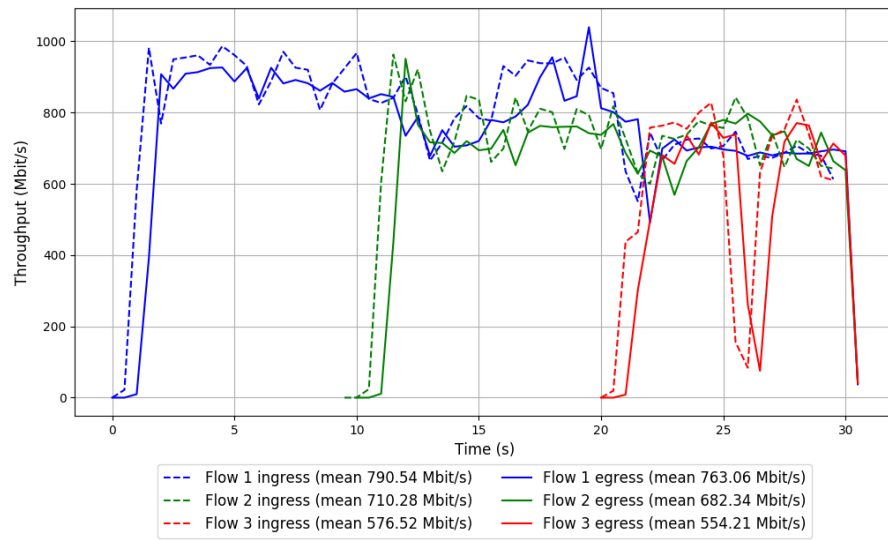


Run 5: Statistics of FillP

Start at: 2018-07-10 02:33:45
End at: 2018-07-10 02:34:15
Local clock offset: 0.099 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-07-10 05:58:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 1401.33 Mbit/s
95th percentile per-packet one-way delay: 168.575 ms
Loss rate: 3.68%
-- Flow 1:
Average throughput: 763.06 Mbit/s
95th percentile per-packet one-way delay: 167.588 ms
Loss rate: 3.47%
-- Flow 2:
Average throughput: 682.34 Mbit/s
95th percentile per-packet one-way delay: 170.211 ms
Loss rate: 3.93%
-- Flow 3:
Average throughput: 554.21 Mbit/s
95th percentile per-packet one-way delay: 170.486 ms
Loss rate: 3.89%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-07-10 02:59:40

End at: 2018-07-10 03:00:10

Local clock offset: -0.049 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-07-10 05:58:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 1408.28 Mbit/s

95th percentile per-packet one-way delay: 215.397 ms

Loss rate: 2.82%

-- Flow 1:

Average throughput: 756.47 Mbit/s

95th percentile per-packet one-way delay: 230.367 ms

Loss rate: 2.93%

-- Flow 2:

Average throughput: 659.14 Mbit/s

95th percentile per-packet one-way delay: 180.495 ms

Loss rate: 3.82%

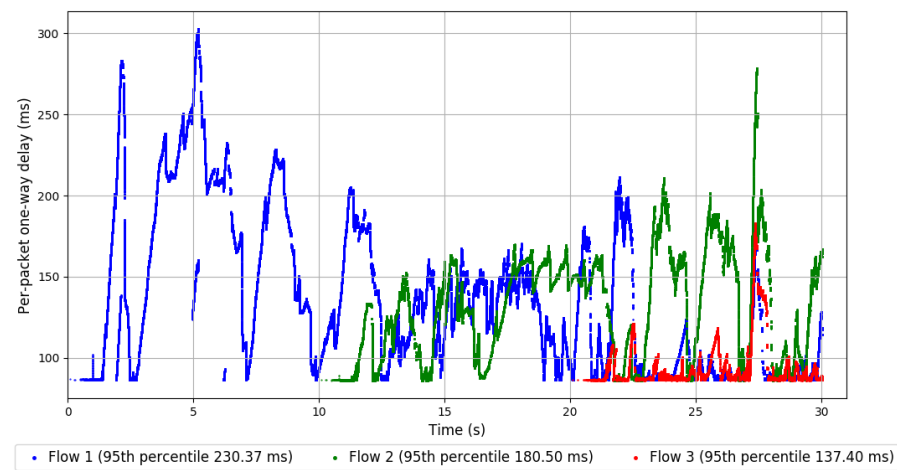
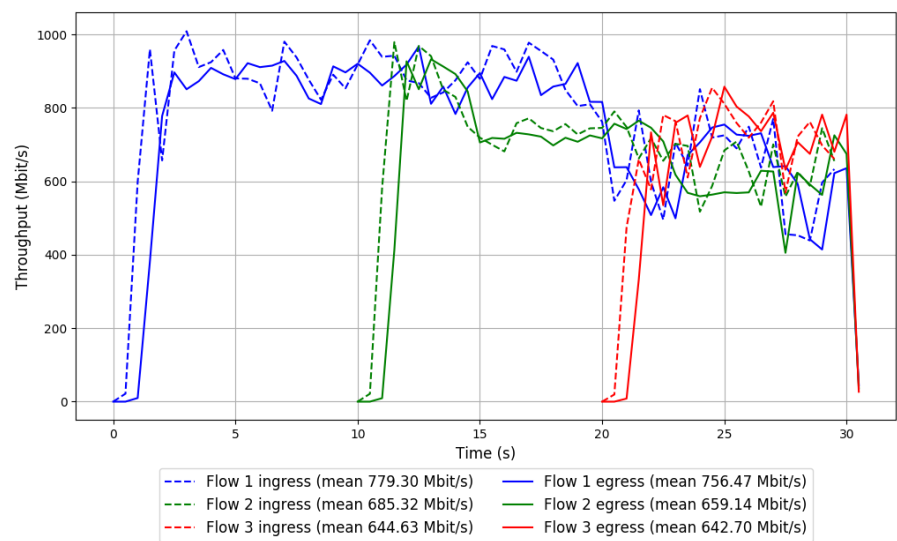
-- Flow 3:

Average throughput: 642.70 Mbit/s

95th percentile per-packet one-way delay: 137.401 ms

Loss rate: 0.30%

Run 6: Report of FillP — Data Link

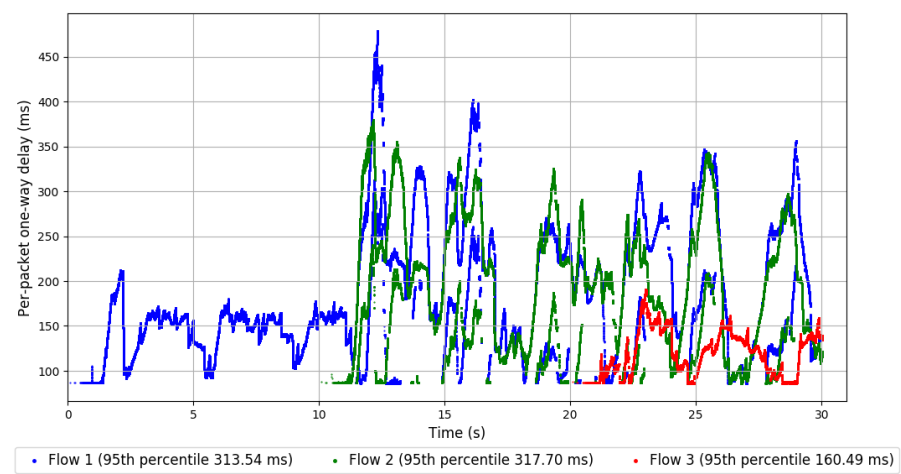
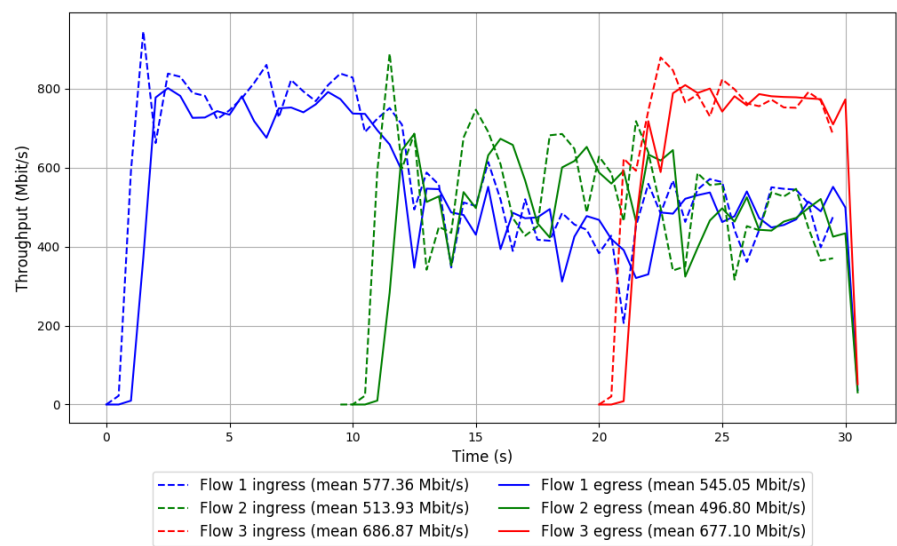


Run 7: Statistics of FillP

Start at: 2018-07-10 03:25:38
End at: 2018-07-10 03:26:08
Local clock offset: -0.138 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-10 05:58:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 1100.58 Mbit/s
95th percentile per-packet one-way delay: 308.172 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 545.05 Mbit/s
95th percentile per-packet one-way delay: 313.544 ms
Loss rate: 5.60%
-- Flow 2:
Average throughput: 496.80 Mbit/s
95th percentile per-packet one-way delay: 317.697 ms
Loss rate: 3.33%
-- Flow 3:
Average throughput: 677.10 Mbit/s
95th percentile per-packet one-way delay: 160.485 ms
Loss rate: 1.43%

Run 7: Report of FillP — Data Link

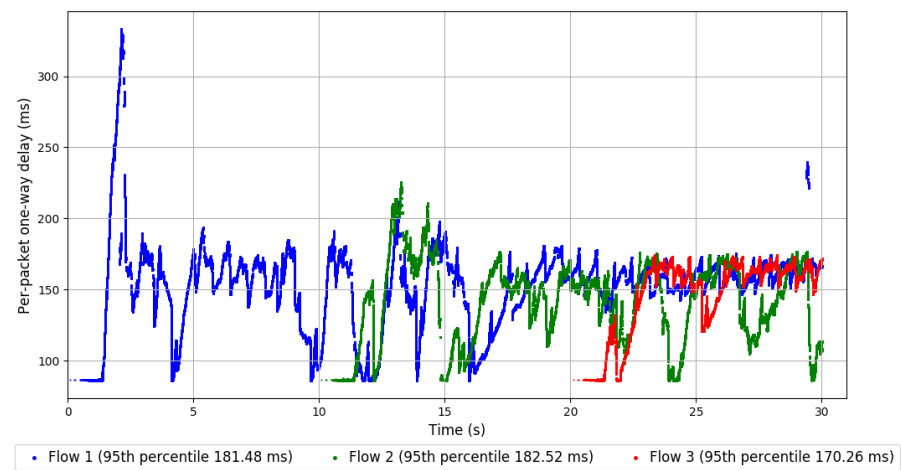
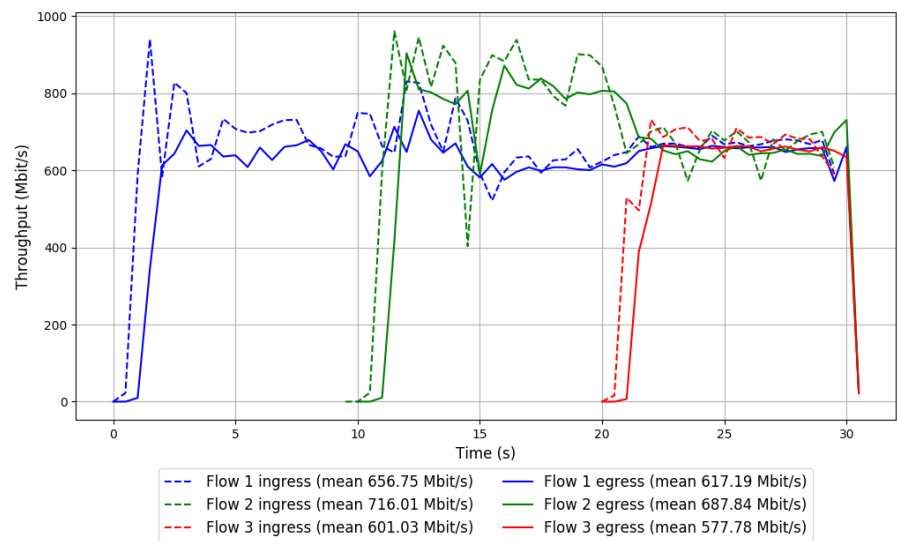


Run 8: Statistics of FillP

Start at: 2018-07-10 03:51:27
End at: 2018-07-10 03:51:57
Local clock offset: -0.185 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-10 05:58:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 1266.43 Mbit/s
95th percentile per-packet one-way delay: 179.459 ms
Loss rate: 4.96%
-- Flow 1:
Average throughput: 617.19 Mbit/s
95th percentile per-packet one-way delay: 181.476 ms
Loss rate: 6.02%
-- Flow 2:
Average throughput: 687.84 Mbit/s
95th percentile per-packet one-way delay: 182.517 ms
Loss rate: 3.94%
-- Flow 3:
Average throughput: 577.78 Mbit/s
95th percentile per-packet one-way delay: 170.256 ms
Loss rate: 3.87%

Run 8: Report of FillP — Data Link

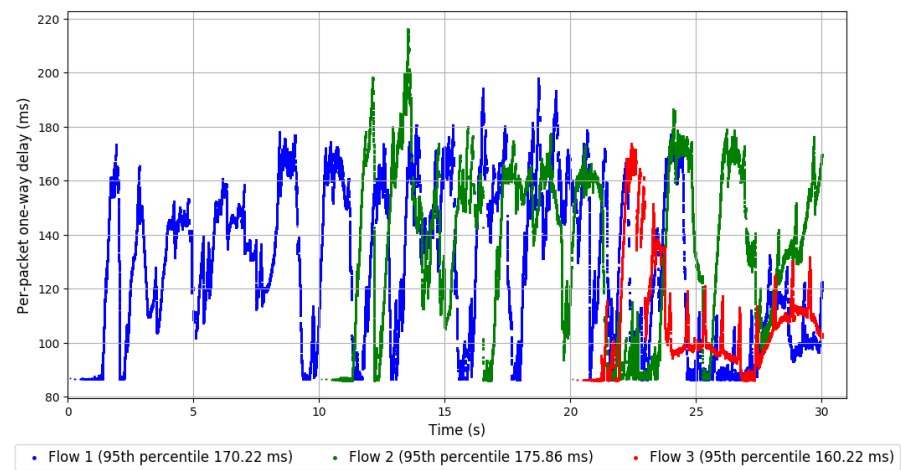
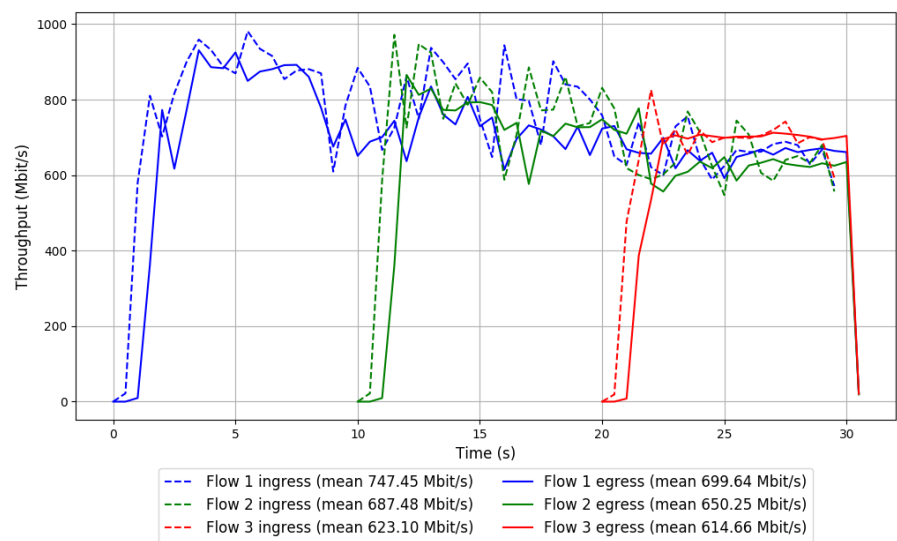


Run 9: Statistics of FillP

Start at: 2018-07-10 04:17:23
End at: 2018-07-10 04:17:53
Local clock offset: -0.057 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2018-07-10 06:20:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 1336.24 Mbit/s
95th percentile per-packet one-way delay: 171.860 ms
Loss rate: 5.34%
-- Flow 1:
Average throughput: 699.64 Mbit/s
95th percentile per-packet one-way delay: 170.218 ms
Loss rate: 6.40%
-- Flow 2:
Average throughput: 650.25 Mbit/s
95th percentile per-packet one-way delay: 175.863 ms
Loss rate: 5.41%
-- Flow 3:
Average throughput: 614.66 Mbit/s
95th percentile per-packet one-way delay: 160.217 ms
Loss rate: 1.35%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-07-10 04:43:18

End at: 2018-07-10 04:43:48

Local clock offset: -0.045 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-07-10 06:20:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 1263.18 Mbit/s

95th percentile per-packet one-way delay: 194.057 ms

Loss rate: 6.04%

-- Flow 1:

Average throughput: 651.24 Mbit/s

95th percentile per-packet one-way delay: 193.620 ms

Loss rate: 7.17%

-- Flow 2:

Average throughput: 633.64 Mbit/s

95th percentile per-packet one-way delay: 229.213 ms

Loss rate: 4.85%

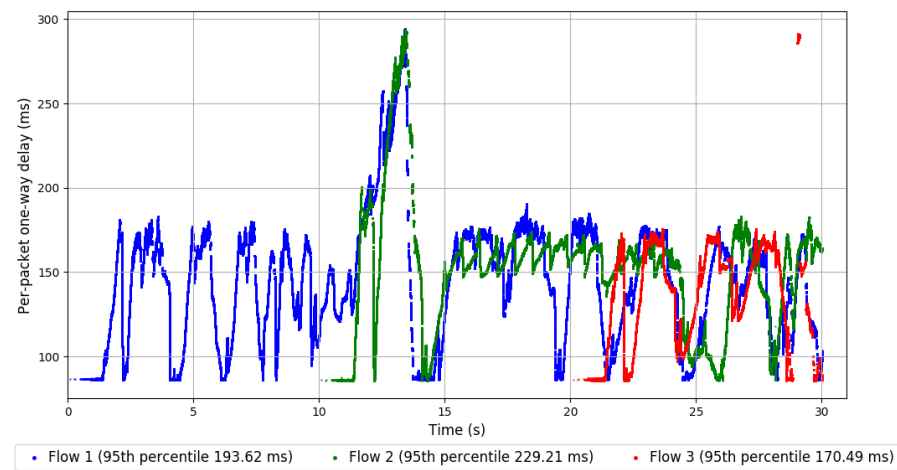
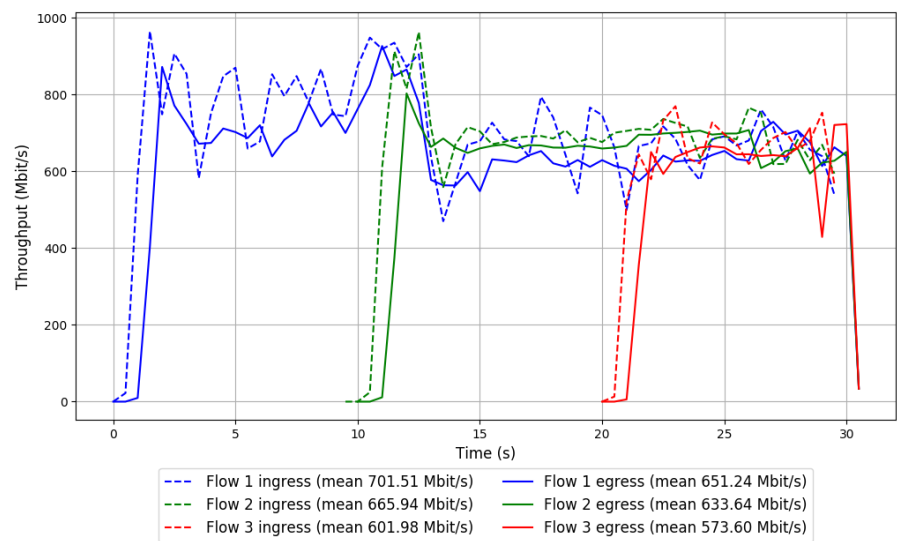
-- Flow 3:

Average throughput: 573.60 Mbit/s

95th percentile per-packet one-way delay: 170.486 ms

Loss rate: 4.70%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-07-10 00:34:52

End at: 2018-07-10 00:35:22

Local clock offset: -0.171 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2018-07-10 06:20:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 1258.05 Mbit/s

95th percentile per-packet one-way delay: 244.365 ms

Loss rate: 5.88%

-- Flow 1:

Average throughput: 697.23 Mbit/s

95th percentile per-packet one-way delay: 254.117 ms

Loss rate: 5.02%

-- Flow 2:

Average throughput: 586.34 Mbit/s

95th percentile per-packet one-way delay: 213.213 ms

Loss rate: 8.40%

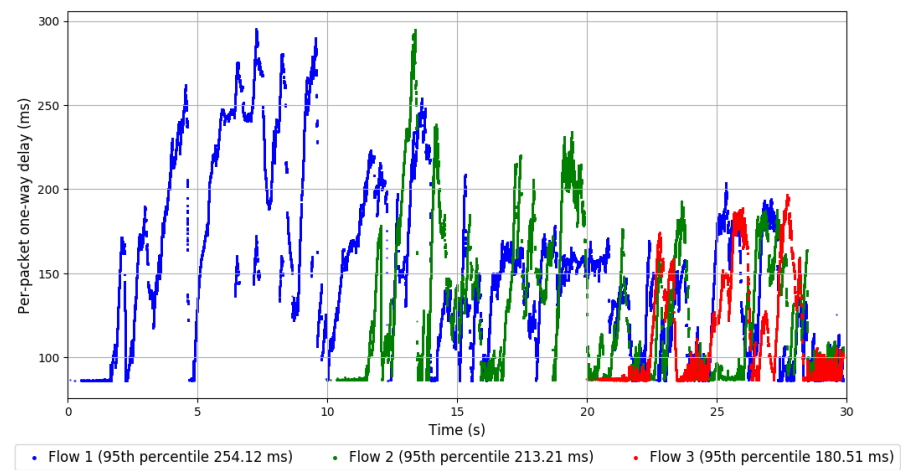
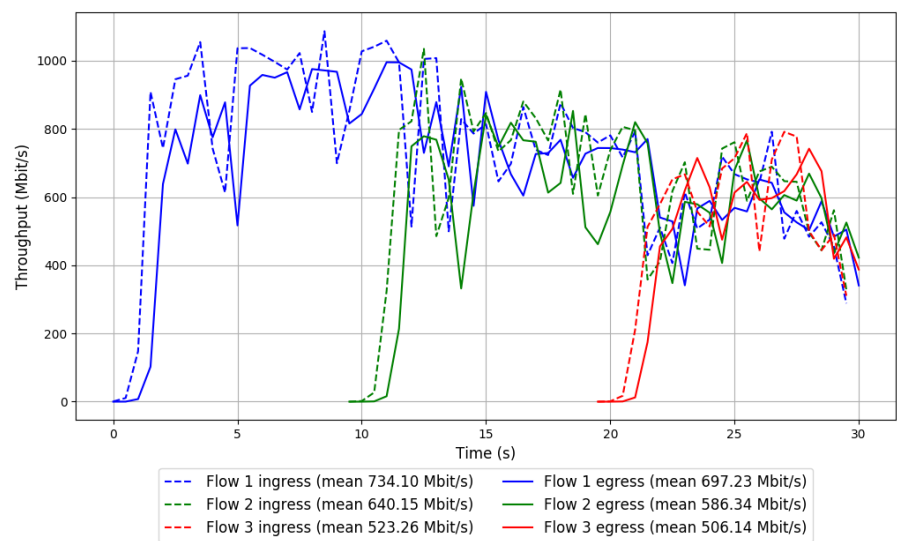
-- Flow 3:

Average throughput: 506.14 Mbit/s

95th percentile per-packet one-way delay: 180.513 ms

Loss rate: 3.25%

Run 1: Report of FillP-Sheep — Data Link

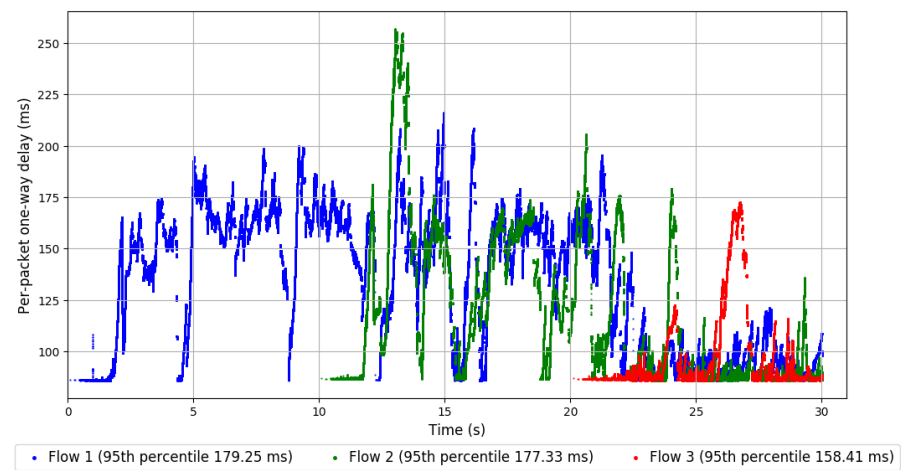
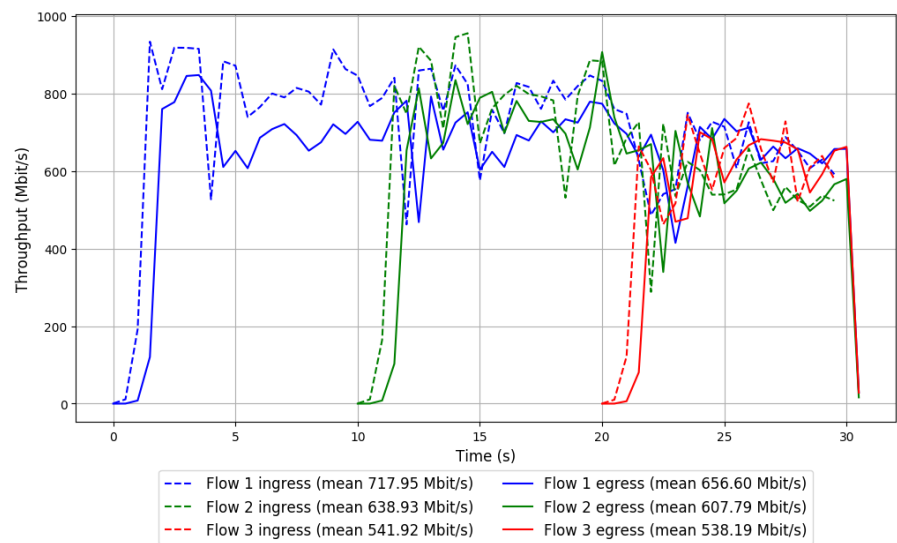


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-10 01:00:49
End at: 2018-07-10 01:01:19
Local clock offset: -0.033 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2018-07-10 06:21:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 1239.48 Mbit/s
95th percentile per-packet one-way delay: 176.844 ms
Loss rate: 6.30%
-- Flow 1:
Average throughput: 656.60 Mbit/s
95th percentile per-packet one-way delay: 179.246 ms
Loss rate: 8.54%
-- Flow 2:
Average throughput: 607.79 Mbit/s
95th percentile per-packet one-way delay: 177.333 ms
Loss rate: 4.88%
-- Flow 3:
Average throughput: 538.19 Mbit/s
95th percentile per-packet one-way delay: 158.409 ms
Loss rate: 0.67%

Run 2: Report of FillP-Sheep — Data Link

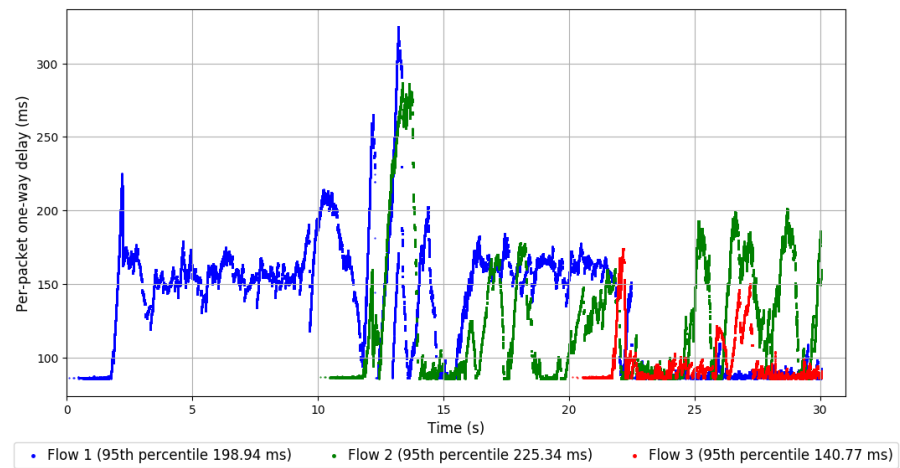
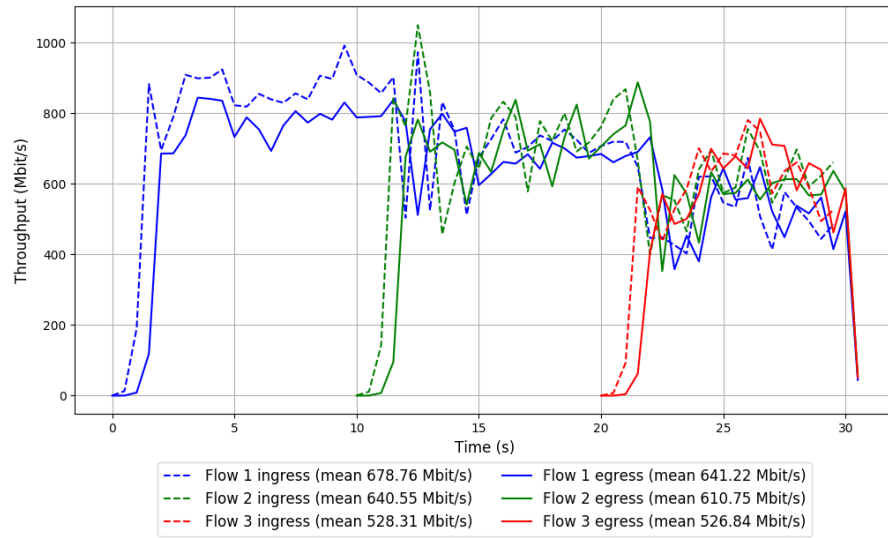


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-10 01:26:49
End at: 2018-07-10 01:27:19
Local clock offset: -0.029 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-07-10 06:22:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 1222.40 Mbit/s
95th percentile per-packet one-way delay: 195.793 ms
Loss rate: 4.52%
-- Flow 1:
Average throughput: 641.22 Mbit/s
95th percentile per-packet one-way delay: 198.938 ms
Loss rate: 5.53%
-- Flow 2:
Average throughput: 610.75 Mbit/s
95th percentile per-packet one-way delay: 225.344 ms
Loss rate: 4.65%
-- Flow 3:
Average throughput: 526.84 Mbit/s
95th percentile per-packet one-way delay: 140.766 ms
Loss rate: 0.28%

Run 3: Report of FillP-Sheep — Data Link

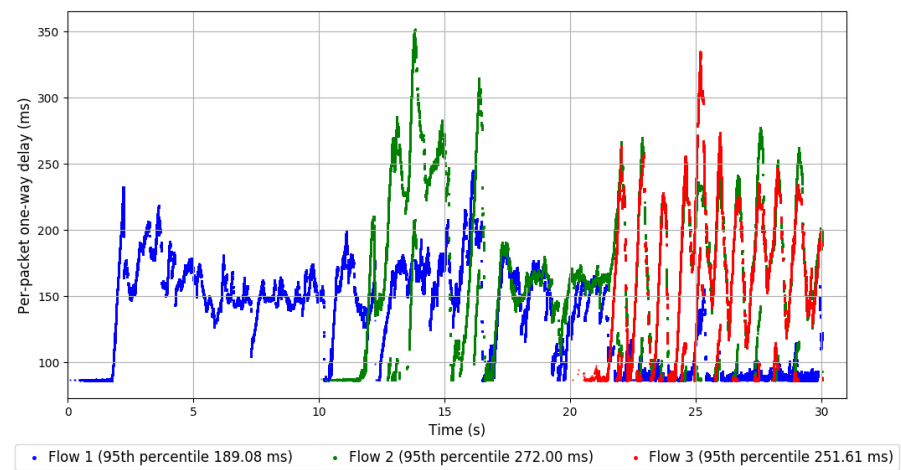
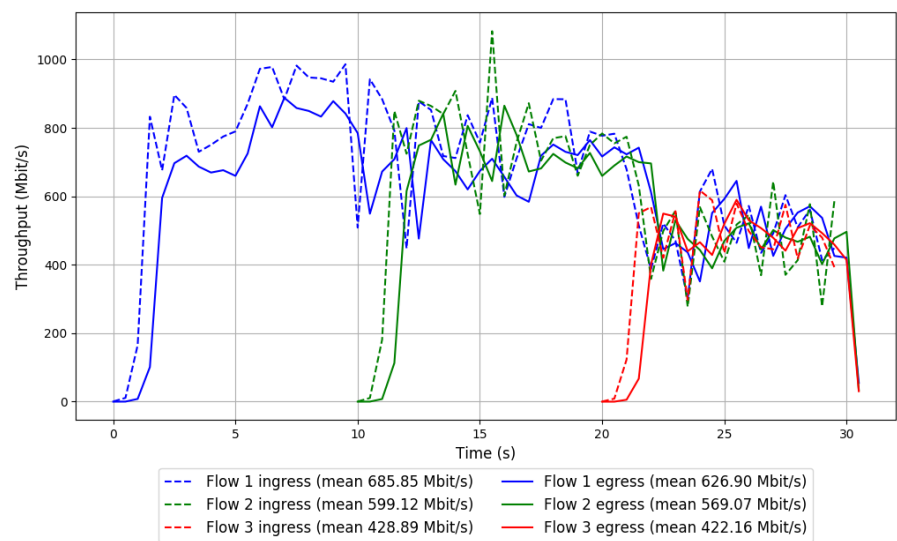


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-10 01:52:53
End at: 2018-07-10 01:53:23
Local clock offset: -0.167 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2018-07-10 06:22:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 1145.89 Mbit/s
95th percentile per-packet one-way delay: 247.856 ms
Loss rate: 6.62%
-- Flow 1:
Average throughput: 626.90 Mbit/s
95th percentile per-packet one-way delay: 189.083 ms
Loss rate: 8.59%
-- Flow 2:
Average throughput: 569.07 Mbit/s
95th percentile per-packet one-way delay: 271.999 ms
Loss rate: 5.02%
-- Flow 3:
Average throughput: 422.16 Mbit/s
95th percentile per-packet one-way delay: 251.607 ms
Loss rate: 1.56%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-10 02:18:38

End at: 2018-07-10 02:19:08

Local clock offset: -0.082 ms

Remote clock offset: 0.028 ms

Below is generated by plot.py at 2018-07-10 06:26:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 1242.46 Mbit/s

95th percentile per-packet one-way delay: 183.763 ms

Loss rate: 6.60%

-- Flow 1:

Average throughput: 686.48 Mbit/s

95th percentile per-packet one-way delay: 182.179 ms

Loss rate: 6.26%

-- Flow 2:

Average throughput: 595.07 Mbit/s

95th percentile per-packet one-way delay: 188.816 ms

Loss rate: 9.50%

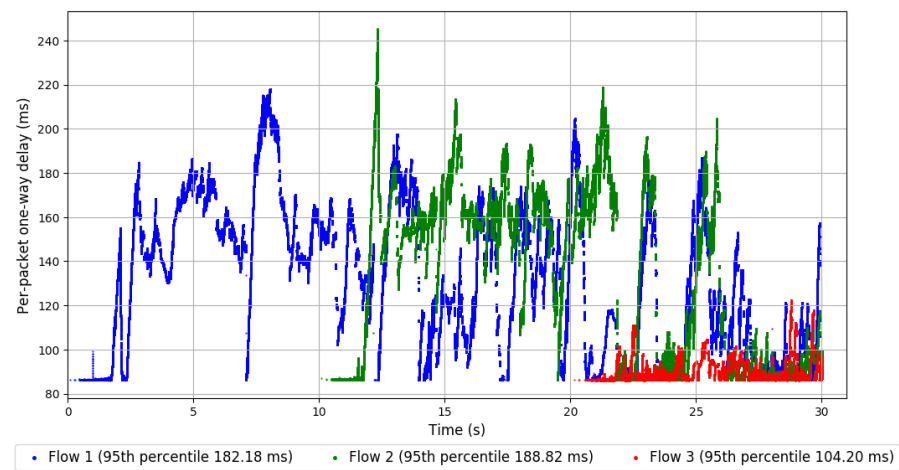
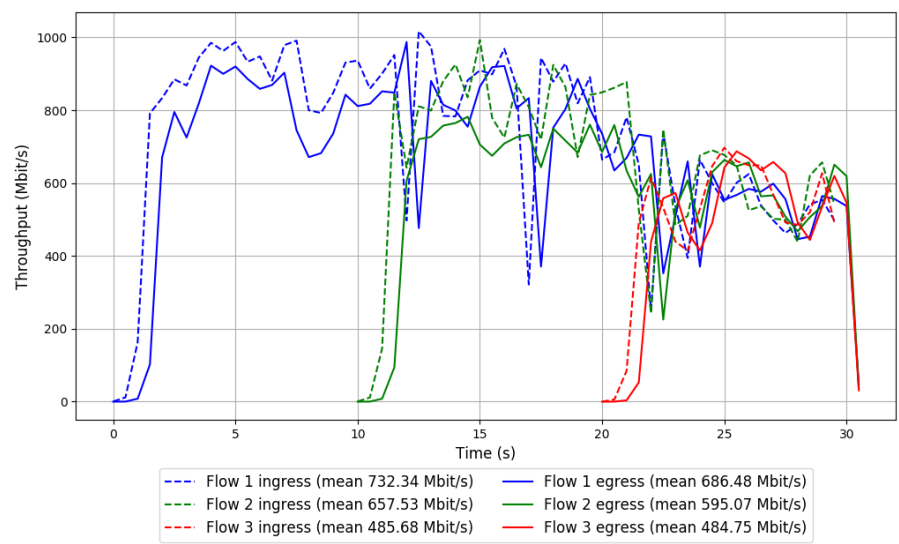
-- Flow 3:

Average throughput: 484.75 Mbit/s

95th percentile per-packet one-way delay: 104.198 ms

Loss rate: 0.17%

Run 5: Report of FillP-Sheep — Data Link

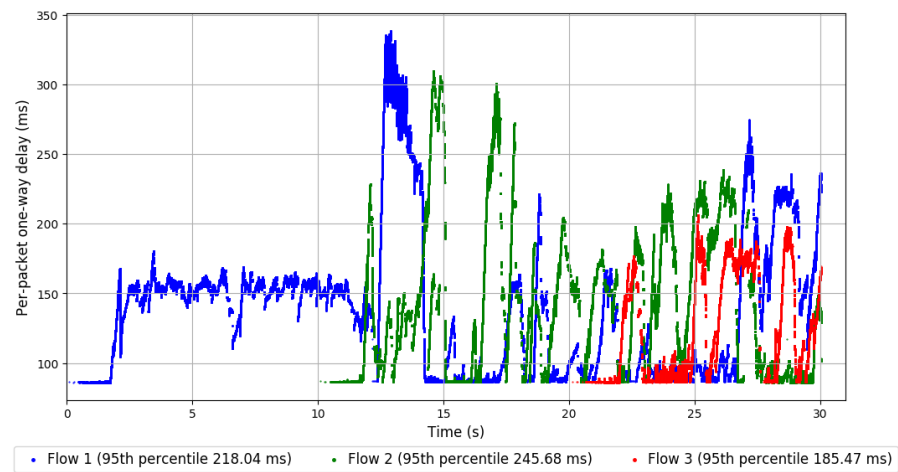
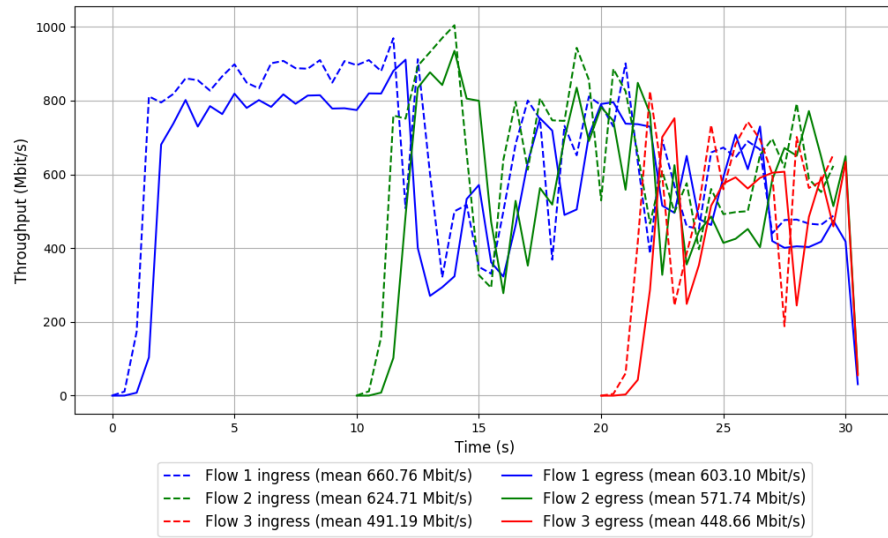


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-10 02:44:33
End at: 2018-07-10 02:45:03
Local clock offset: -0.075 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2018-07-10 06:26:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 1132.26 Mbit/s
95th percentile per-packet one-way delay: 220.886 ms
Loss rate: 8.63%
-- Flow 1:
Average throughput: 603.10 Mbit/s
95th percentile per-packet one-way delay: 218.045 ms
Loss rate: 8.72%
-- Flow 2:
Average throughput: 571.74 Mbit/s
95th percentile per-packet one-way delay: 245.681 ms
Loss rate: 8.48%
-- Flow 3:
Average throughput: 448.66 Mbit/s
95th percentile per-packet one-way delay: 185.467 ms
Loss rate: 8.65%

Run 6: Report of FillP-Sheep — Data Link

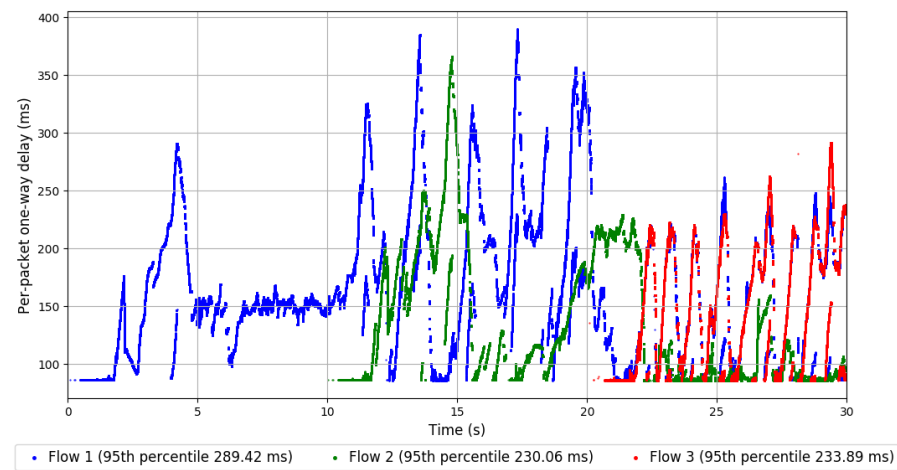
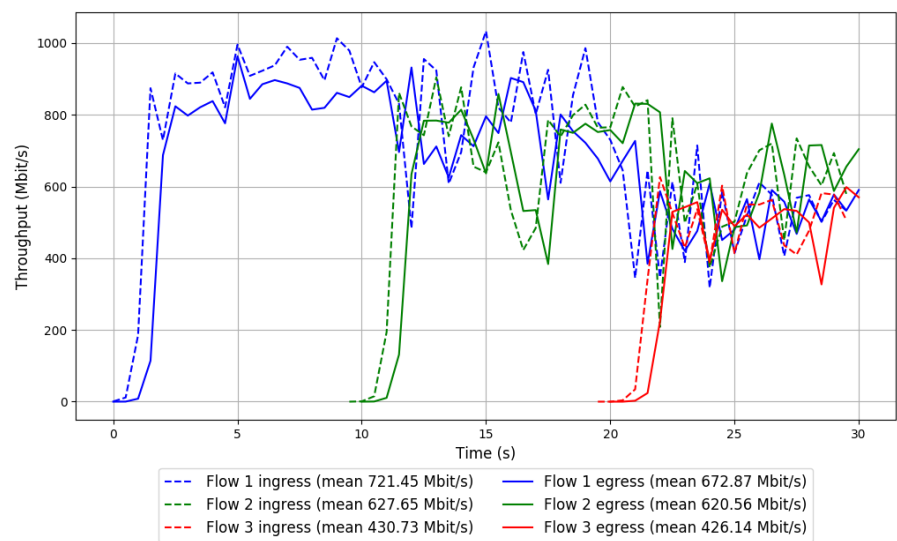


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-10 03:10:30
End at: 2018-07-10 03:11:00
Local clock offset: 0.12 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-07-10 06:45:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 1227.92 Mbit/s
95th percentile per-packet one-way delay: 267.464 ms
Loss rate: 4.33%
-- Flow 1:
Average throughput: 672.87 Mbit/s
95th percentile per-packet one-way delay: 289.420 ms
Loss rate: 6.74%
-- Flow 2:
Average throughput: 620.56 Mbit/s
95th percentile per-packet one-way delay: 230.056 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 426.14 Mbit/s
95th percentile per-packet one-way delay: 233.893 ms
Loss rate: 1.58%

Run 7: Report of FillP-Sheep — Data Link

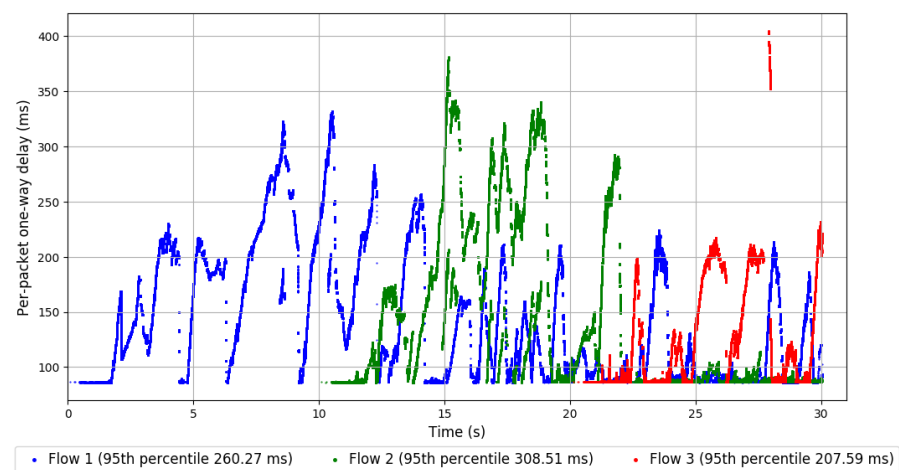
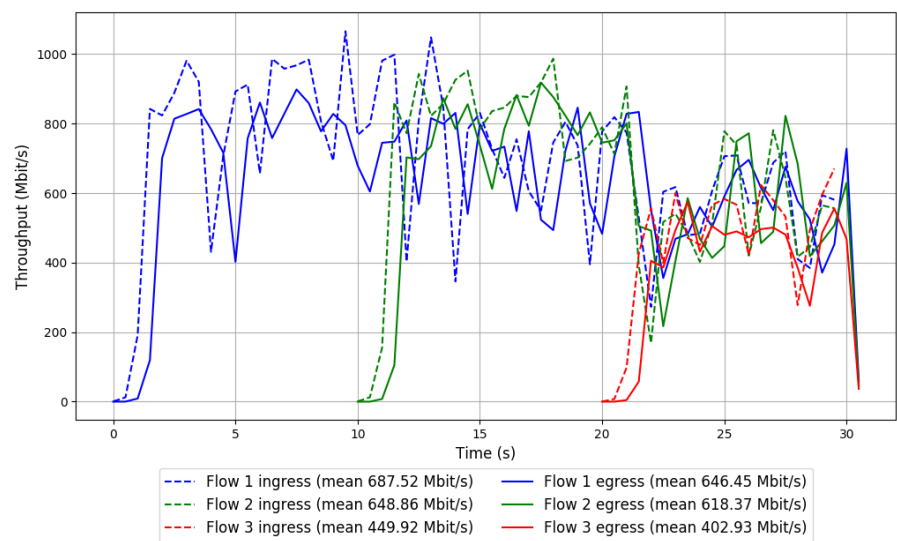


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-10 03:36:23
End at: 2018-07-10 03:36:53
Local clock offset: 0.015 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-07-10 06:45:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 1191.28 Mbit/s
95th percentile per-packet one-way delay: 277.607 ms
Loss rate: 6.10%
-- Flow 1:
Average throughput: 646.45 Mbit/s
95th percentile per-packet one-way delay: 260.270 ms
Loss rate: 5.98%
-- Flow 2:
Average throughput: 618.37 Mbit/s
95th percentile per-packet one-way delay: 308.514 ms
Loss rate: 4.78%
-- Flow 3:
Average throughput: 402.93 Mbit/s
95th percentile per-packet one-way delay: 207.589 ms
Loss rate: 10.47%

Run 8: Report of FillP-Sheep — Data Link

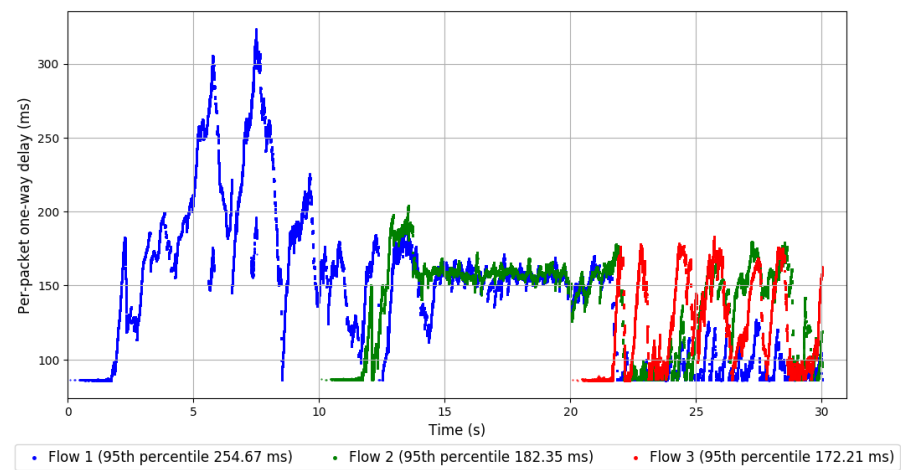
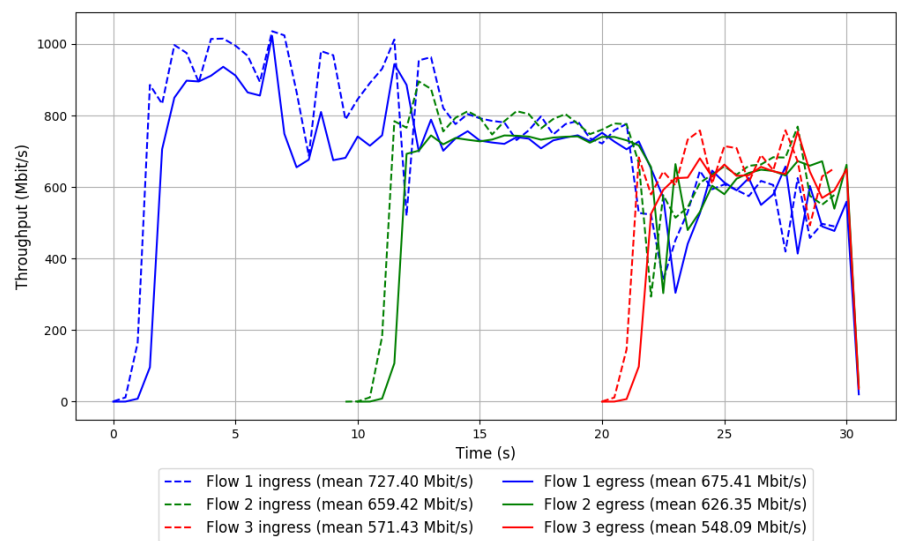


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-10 04:02:18
End at: 2018-07-10 04:02:48
Local clock offset: -0.001 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-07-10 06:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 1274.59 Mbit/s
95th percentile per-packet one-way delay: 213.165 ms
Loss rate: 6.02%
-- Flow 1:
Average throughput: 675.41 Mbit/s
95th percentile per-packet one-way delay: 254.666 ms
Loss rate: 7.15%
-- Flow 2:
Average throughput: 626.35 Mbit/s
95th percentile per-packet one-way delay: 182.348 ms
Loss rate: 5.01%
-- Flow 3:
Average throughput: 548.09 Mbit/s
95th percentile per-packet one-way delay: 172.205 ms
Loss rate: 4.03%

Run 9: Report of FillP-Sheep — Data Link

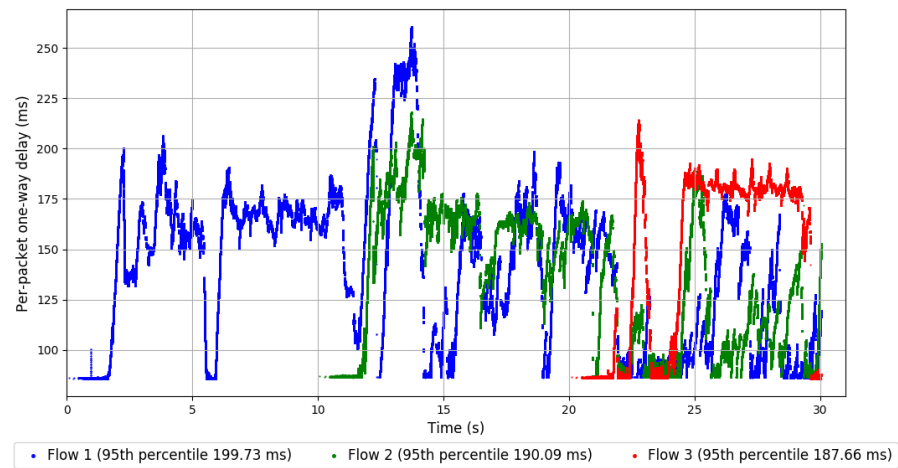
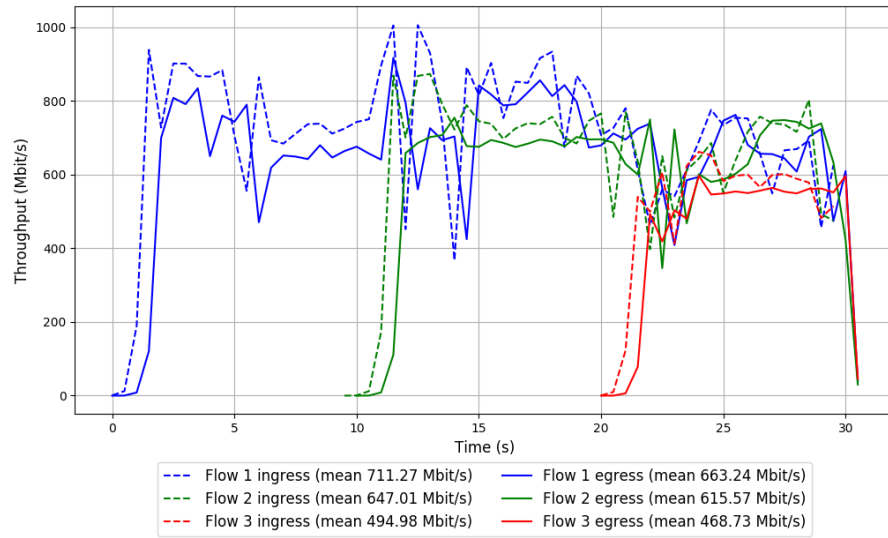


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-10 04:28:13
End at: 2018-07-10 04:28:43
Local clock offset: 0.053 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-07-10 06:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 1228.90 Mbit/s
95th percentile per-packet one-way delay: 192.811 ms
Loss rate: 5.94%
-- Flow 1:
Average throughput: 663.24 Mbit/s
95th percentile per-packet one-way delay: 199.729 ms
Loss rate: 6.75%
-- Flow 2:
Average throughput: 615.57 Mbit/s
95th percentile per-packet one-way delay: 190.091 ms
Loss rate: 4.85%
-- Flow 3:
Average throughput: 468.73 Mbit/s
95th percentile per-packet one-way delay: 187.658 ms
Loss rate: 5.31%

Run 10: Report of FillP-Sheep — Data Link

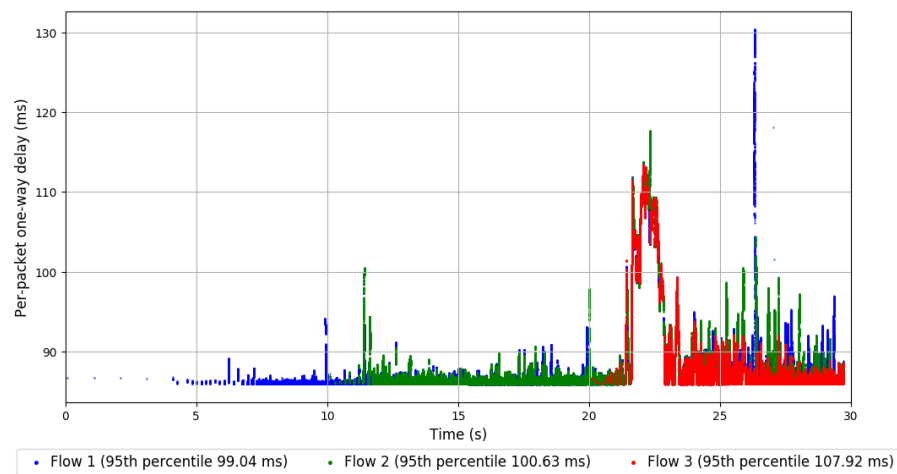
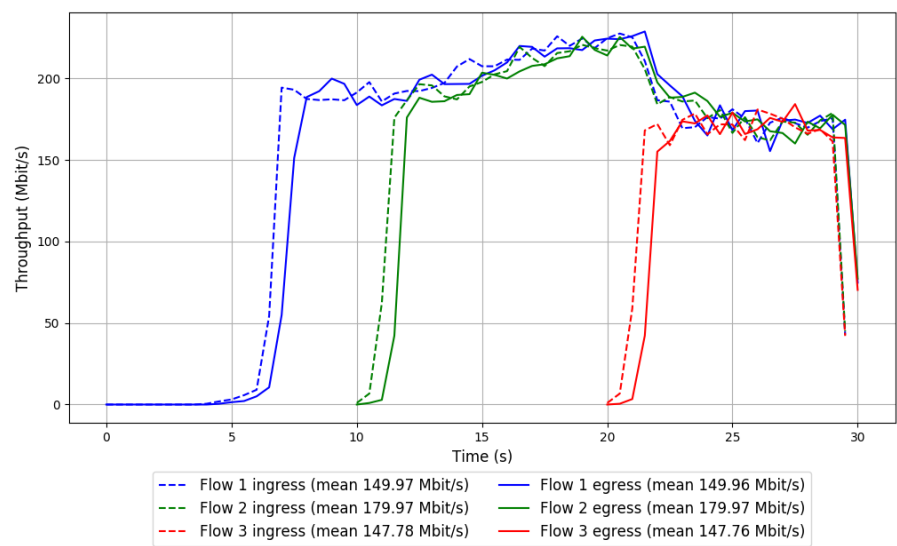


```
Run 1: Statistics of Indigo

Start at: 2018-07-10 00:39:55
End at: 2018-07-10 00:40:25
Local clock offset: -0.089 ms
Remote clock offset: 0.001 ms

# Below is generated by plot.py at 2018-07-10 06:49:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 316.82 Mbit/s
95th percentile per-packet one-way delay: 102.876 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 149.96 Mbit/s
95th percentile per-packet one-way delay: 99.044 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 179.97 Mbit/s
95th percentile per-packet one-way delay: 100.631 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 147.76 Mbit/s
95th percentile per-packet one-way delay: 107.916 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-07-10 01:05:56

End at: 2018-07-10 01:06:26

Local clock offset: 0.008 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2018-07-10 06:49:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 358.20 Mbit/s

95th percentile per-packet one-way delay: 95.301 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 195.16 Mbit/s

95th percentile per-packet one-way delay: 92.186 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 176.33 Mbit/s

95th percentile per-packet one-way delay: 97.640 ms

Loss rate: 0.01%

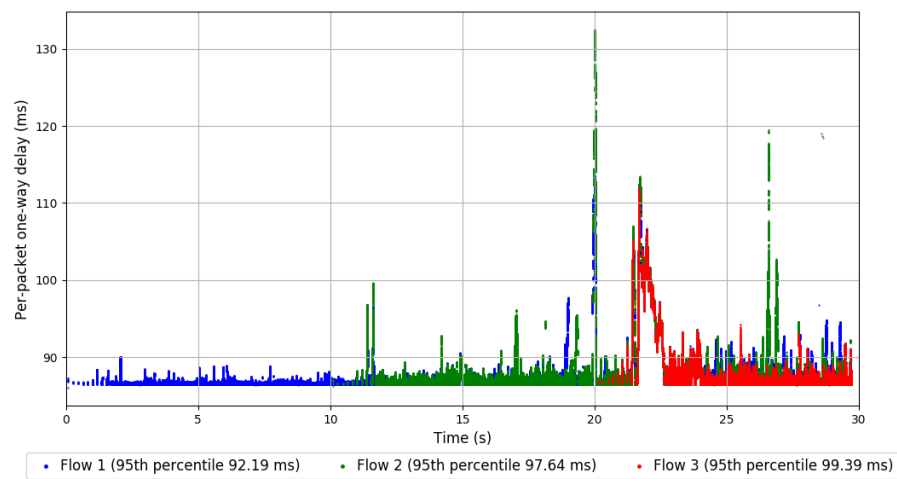
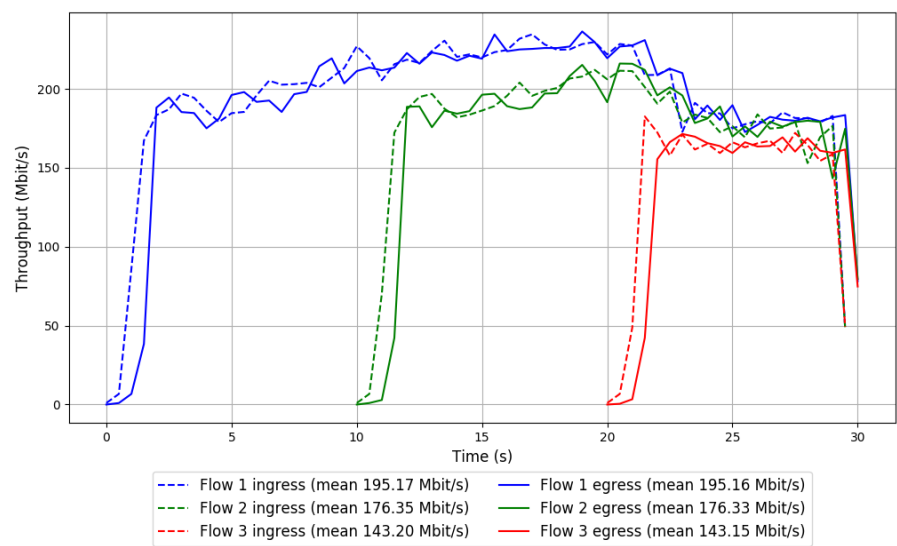
-- Flow 3:

Average throughput: 143.15 Mbit/s

95th percentile per-packet one-way delay: 99.388 ms

Loss rate: 0.02%

Run 2: Report of Indigo — Data Link

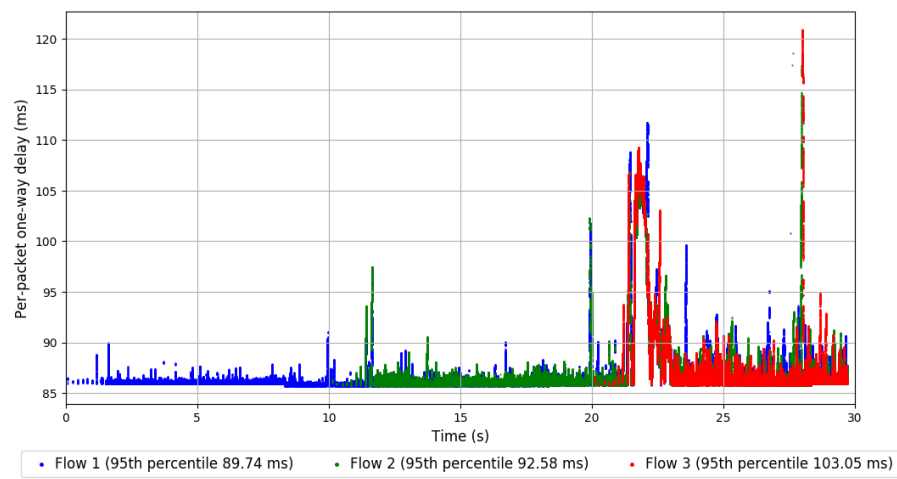
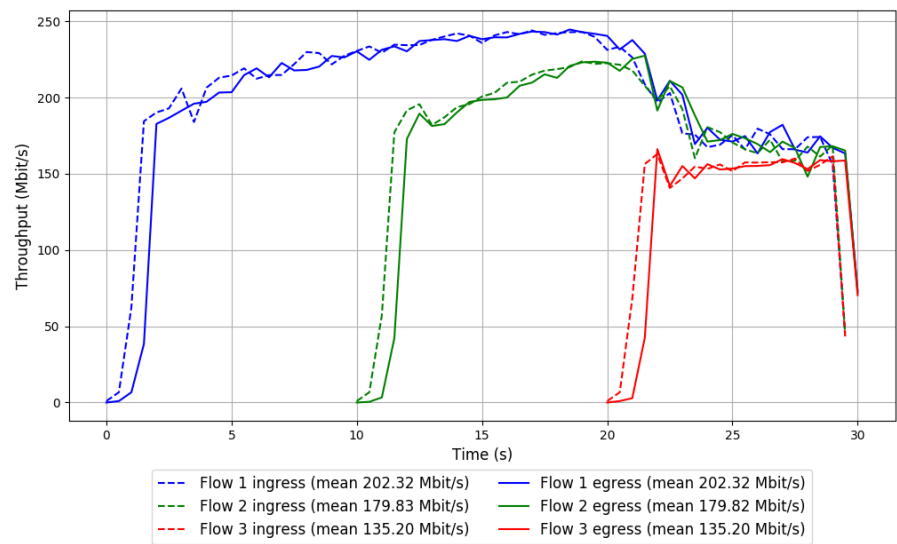


Run 3: Statistics of Indigo

Start at: 2018-07-10 01:31:52
End at: 2018-07-10 01:32:23
Local clock offset: 0.135 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2018-07-10 06:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 365.09 Mbit/s
95th percentile per-packet one-way delay: 91.844 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.32 Mbit/s
95th percentile per-packet one-way delay: 89.743 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 179.82 Mbit/s
95th percentile per-packet one-way delay: 92.577 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 135.20 Mbit/s
95th percentile per-packet one-way delay: 103.049 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-07-10 01:57:54

End at: 2018-07-10 01:58:24

Local clock offset: -0.011 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2018-07-10 06:49:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 356.87 Mbit/s

95th percentile per-packet one-way delay: 93.410 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 192.20 Mbit/s

95th percentile per-packet one-way delay: 91.139 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 177.60 Mbit/s

95th percentile per-packet one-way delay: 94.292 ms

Loss rate: 0.01%

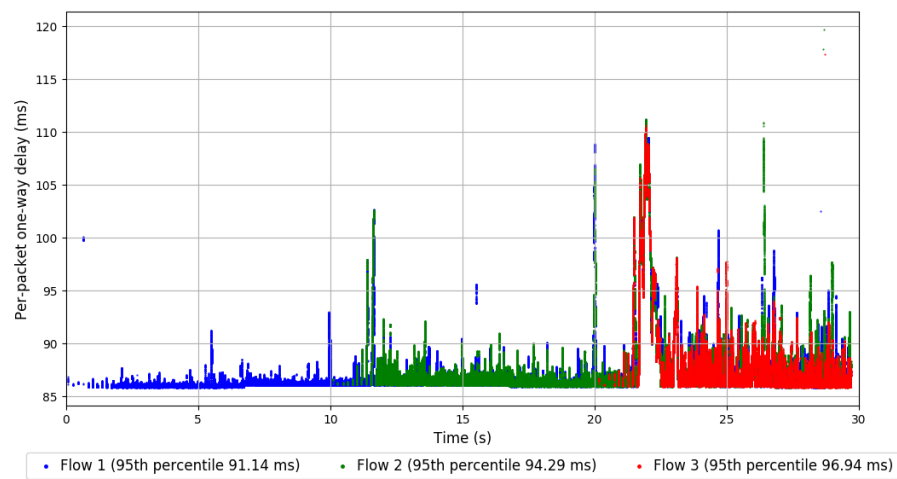
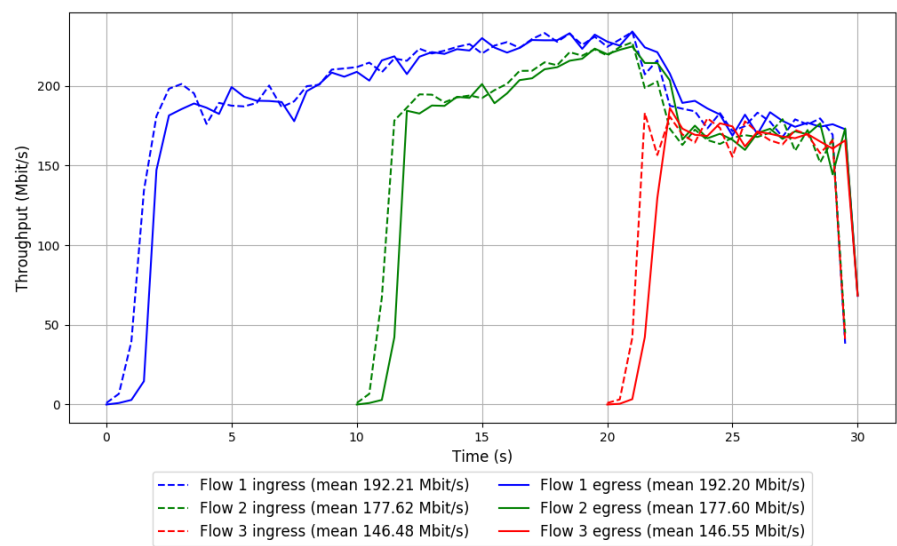
-- Flow 3:

Average throughput: 146.55 Mbit/s

95th percentile per-packet one-way delay: 96.936 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

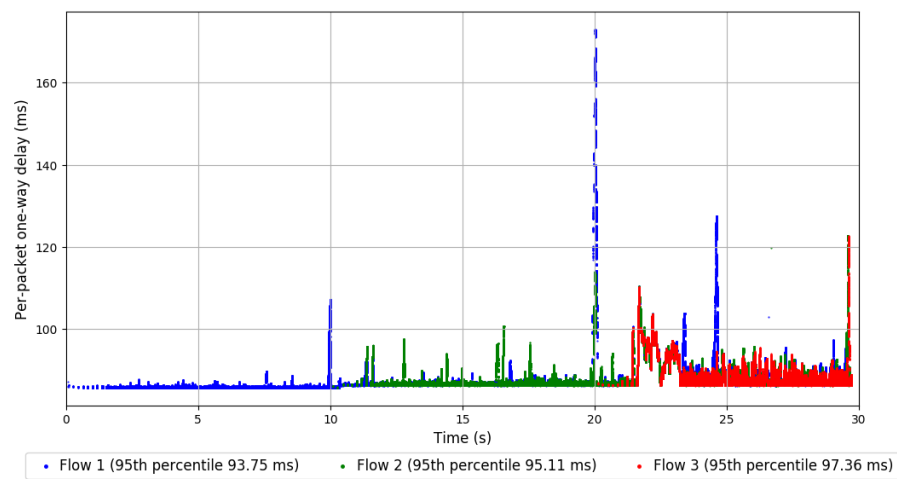
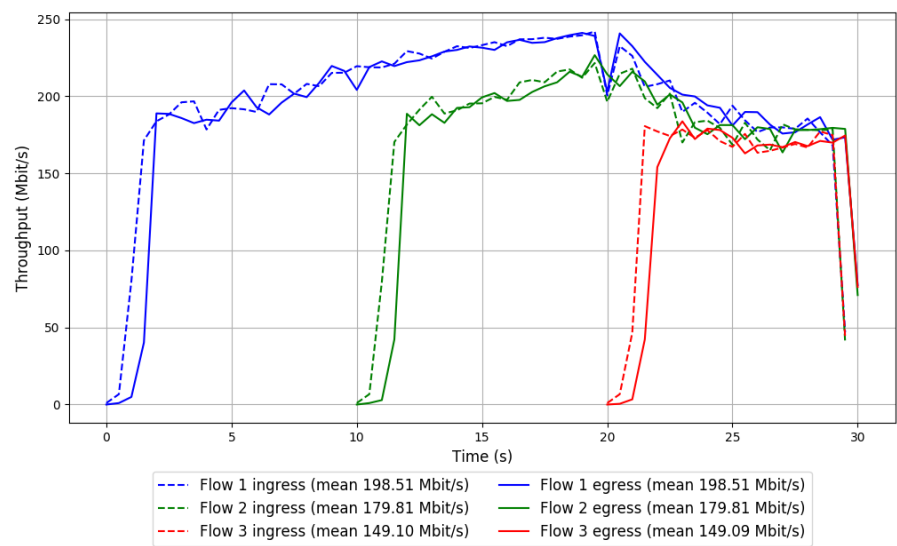


Run 5: Statistics of Indigo

Start at: 2018-07-10 02:23:41
End at: 2018-07-10 02:24:11
Local clock offset: 0.138 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2018-07-10 06:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 365.77 Mbit/s
95th percentile per-packet one-way delay: 95.136 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.51 Mbit/s
95th percentile per-packet one-way delay: 93.754 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 179.81 Mbit/s
95th percentile per-packet one-way delay: 95.107 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 149.09 Mbit/s
95th percentile per-packet one-way delay: 97.357 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

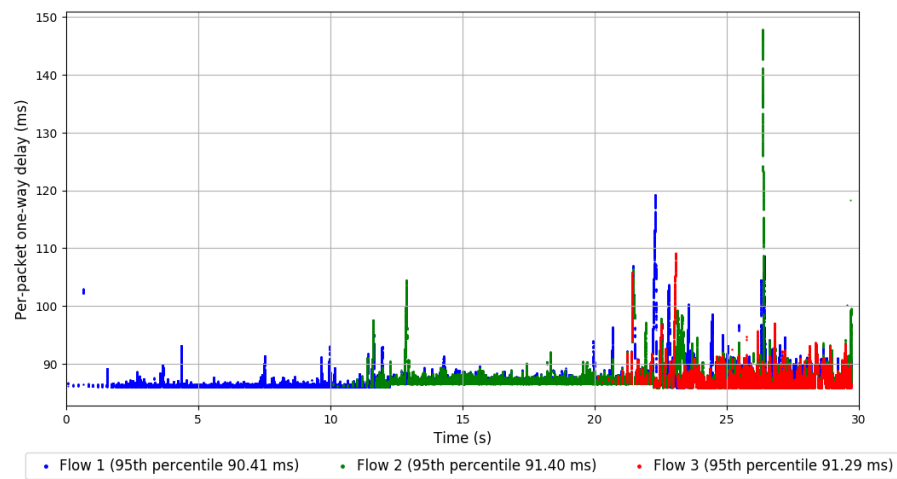
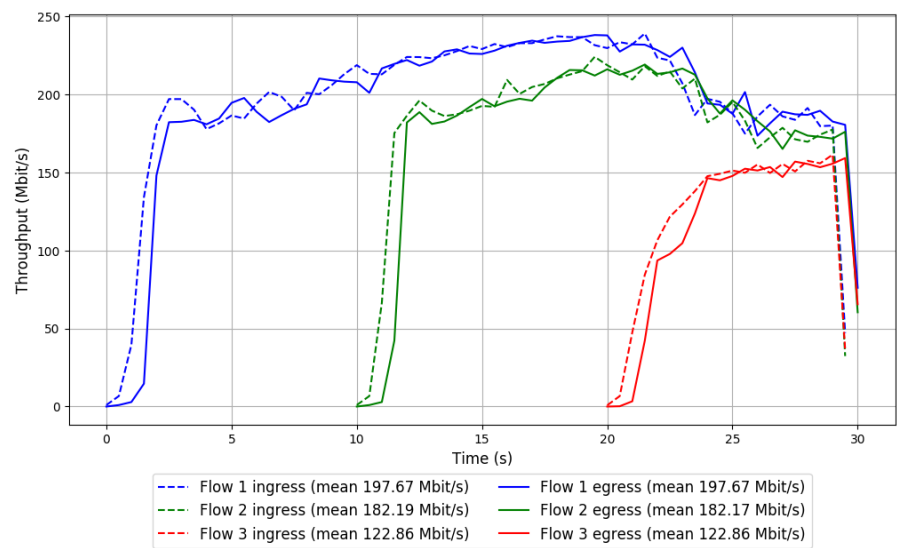


Run 6: Statistics of Indigo

Start at: 2018-07-10 02:49:39
End at: 2018-07-10 02:50:09
Local clock offset: 0.013 ms
Remote clock offset: -0.056 ms

Below is generated by plot.py at 2018-07-10 06:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 357.97 Mbit/s
95th percentile per-packet one-way delay: 90.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 197.67 Mbit/s
95th percentile per-packet one-way delay: 90.408 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 182.17 Mbit/s
95th percentile per-packet one-way delay: 91.403 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 122.86 Mbit/s
95th percentile per-packet one-way delay: 91.289 ms
Loss rate: 0.01%

Run 6: Report of Indigo — Data Link

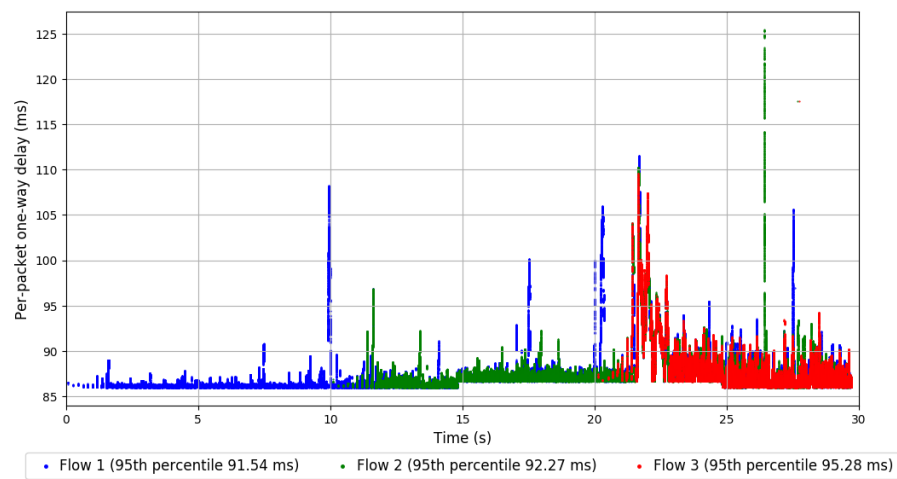
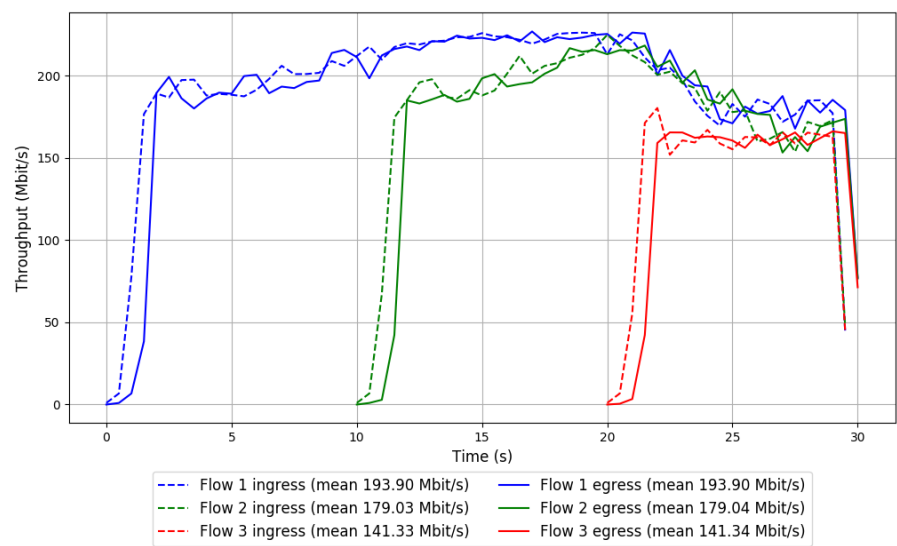


Run 7: Statistics of Indigo

Start at: 2018-07-10 03:15:36
End at: 2018-07-10 03:16:06
Local clock offset: -0.125 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-07-10 06:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 358.11 Mbit/s
95th percentile per-packet one-way delay: 92.553 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 193.90 Mbit/s
95th percentile per-packet one-way delay: 91.539 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 179.04 Mbit/s
95th percentile per-packet one-way delay: 92.266 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 141.34 Mbit/s
95th percentile per-packet one-way delay: 95.285 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

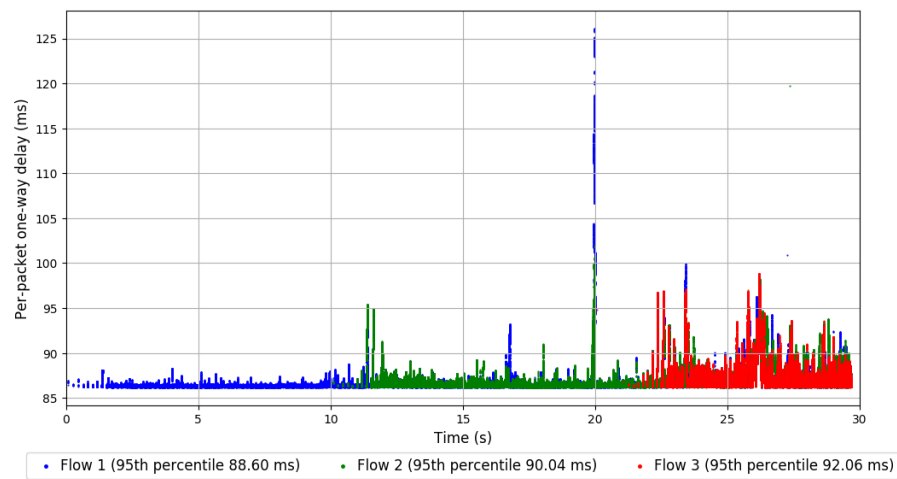
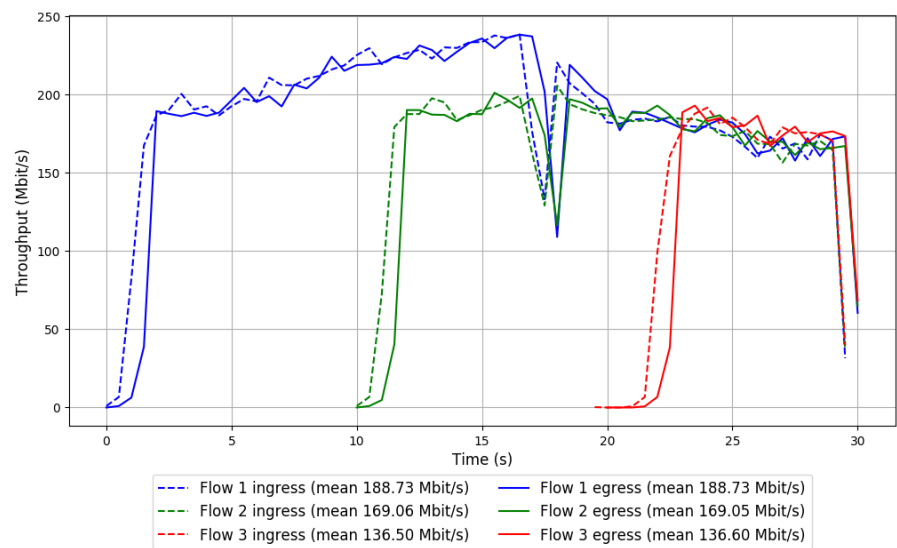


Run 8: Statistics of Indigo

Start at: 2018-07-10 03:41:27
End at: 2018-07-10 03:41:57
Local clock offset: -0.151 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-07-10 06:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 345.00 Mbit/s
95th percentile per-packet one-way delay: 89.687 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 188.73 Mbit/s
95th percentile per-packet one-way delay: 88.596 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 169.05 Mbit/s
95th percentile per-packet one-way delay: 90.038 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 136.60 Mbit/s
95th percentile per-packet one-way delay: 92.062 ms
Loss rate: 0.01%

Run 8: Report of Indigo — Data Link

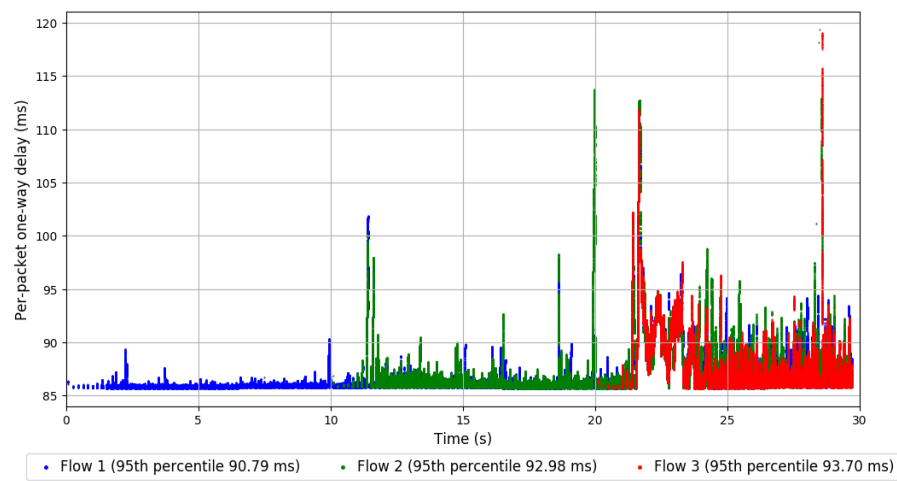
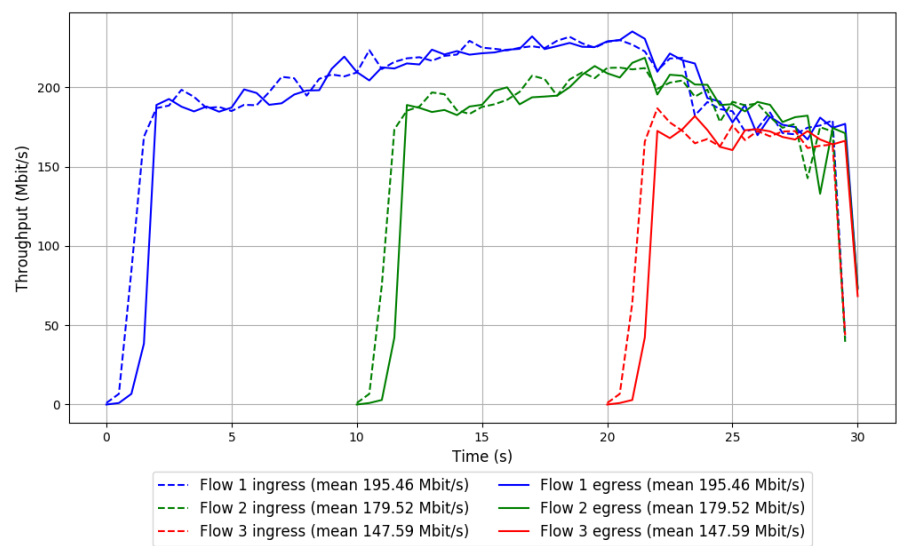


Run 9: Statistics of Indigo

Start at: 2018-07-10 04:07:24
End at: 2018-07-10 04:07:54
Local clock offset: 0.075 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2018-07-10 06:49:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 362.08 Mbit/s
95th percentile per-packet one-way delay: 92.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 195.46 Mbit/s
95th percentile per-packet one-way delay: 90.788 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 179.52 Mbit/s
95th percentile per-packet one-way delay: 92.979 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 147.59 Mbit/s
95th percentile per-packet one-way delay: 93.704 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

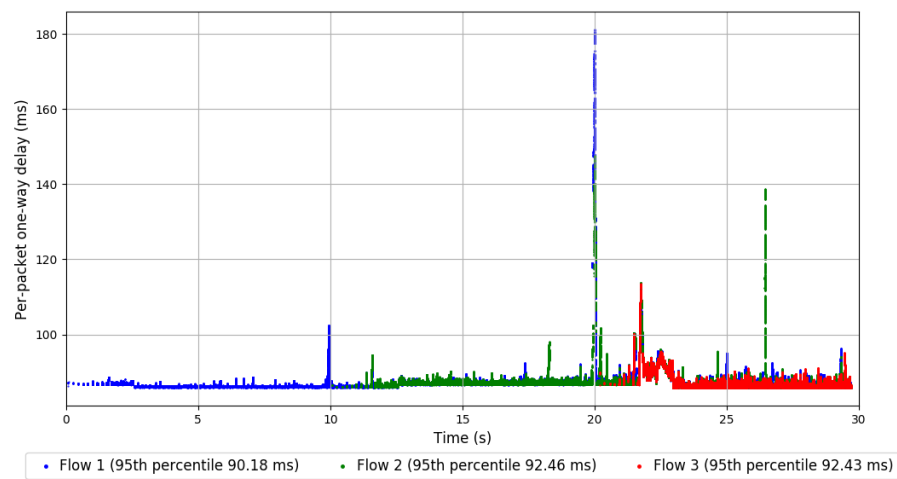
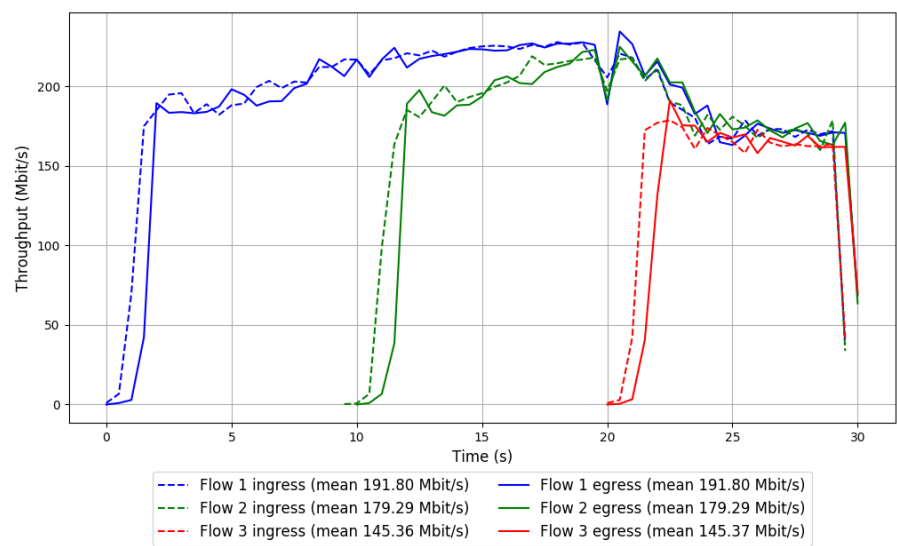


Run 10: Statistics of Indigo

Start at: 2018-07-10 04:33:18
End at: 2018-07-10 04:33:48
Local clock offset: -0.114 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 357.34 Mbit/s
95th percentile per-packet one-way delay: 91.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 191.80 Mbit/s
95th percentile per-packet one-way delay: 90.182 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 179.29 Mbit/s
95th percentile per-packet one-way delay: 92.458 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 145.37 Mbit/s
95th percentile per-packet one-way delay: 92.426 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

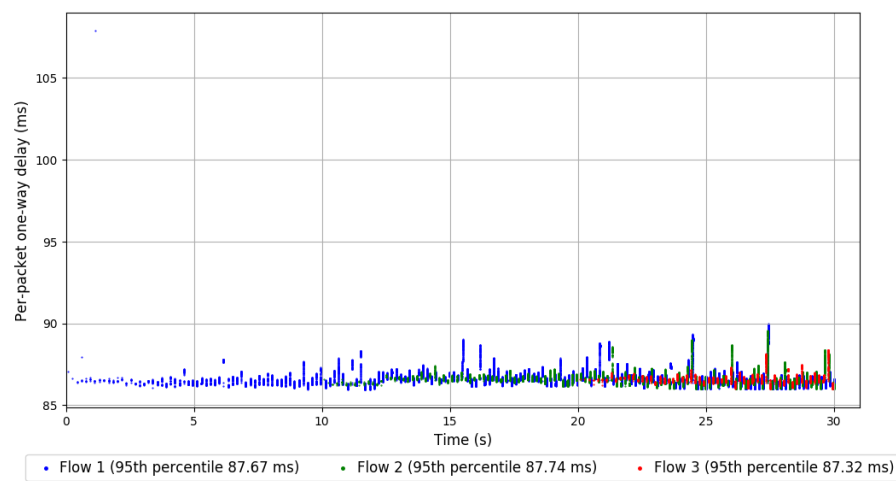
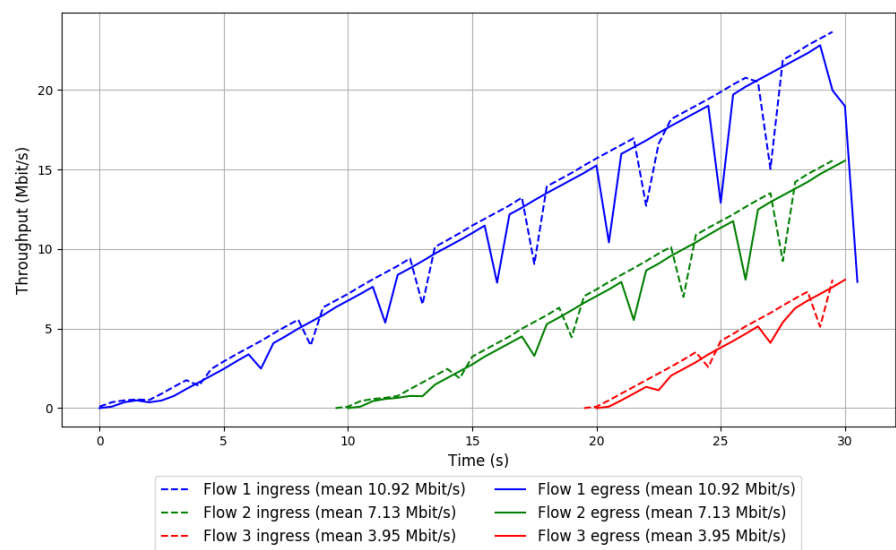


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-10 00:36:59
End at: 2018-07-10 00:37:29
Local clock offset: -0.017 ms
Remote clock offset: 0.056 ms

# Below is generated by plot.py at 2018-07-10 06:49:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 87.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 87.668 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.13 Mbit/s
95th percentile per-packet one-way delay: 87.737 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 87.323 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

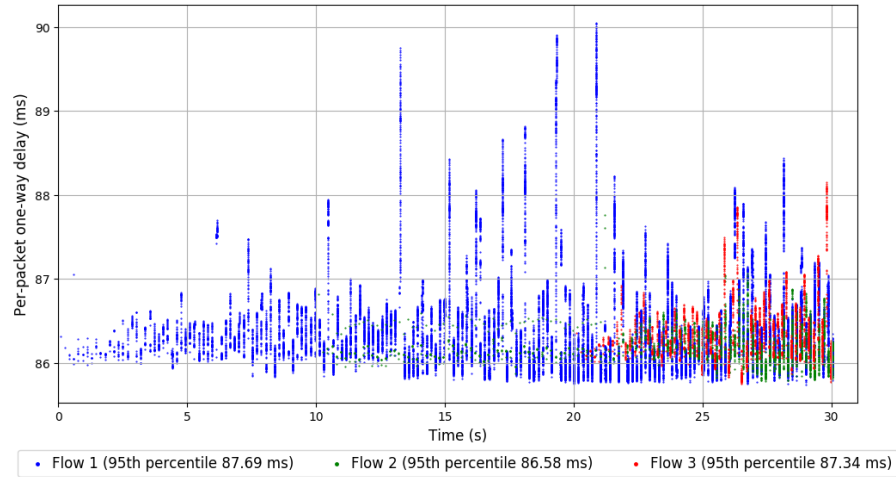
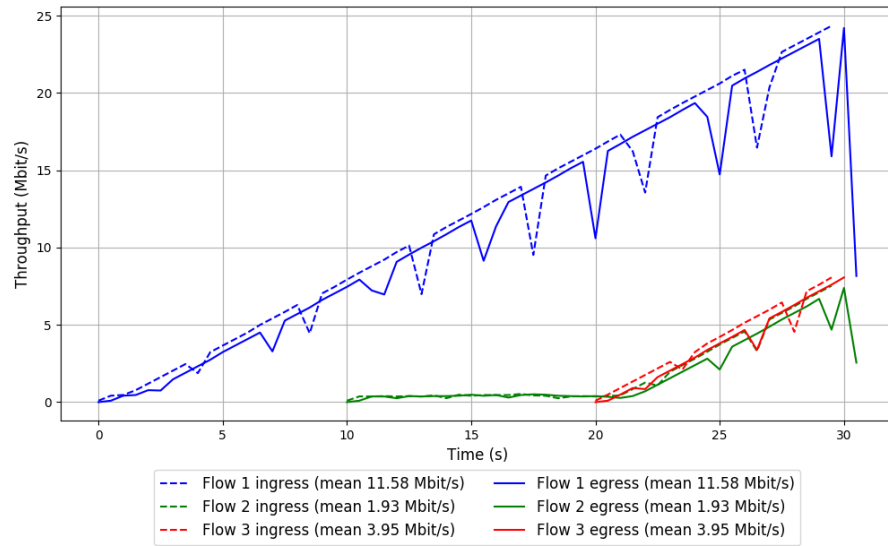


Run 2: Statistics of LEDBAT

Start at: 2018-07-10 01:02:55
End at: 2018-07-10 01:03:25
Local clock offset: 0.1 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.17 Mbit/s
95th percentile per-packet one-way delay: 87.583 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.58 Mbit/s
95th percentile per-packet one-way delay: 87.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 86.580 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 87.342 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

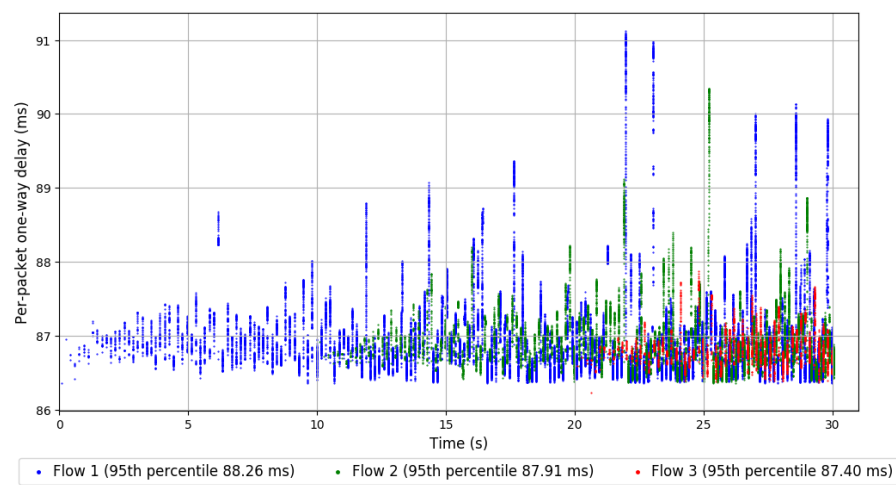
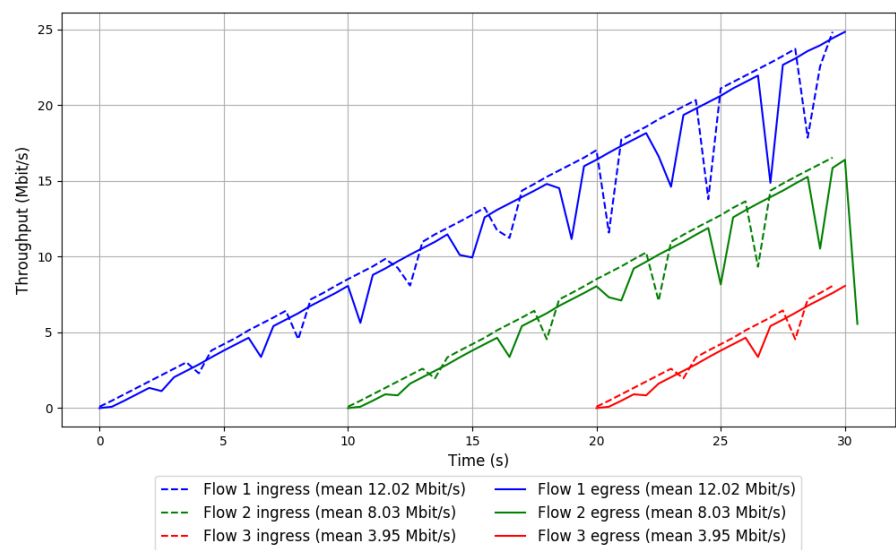


Run 3: Statistics of LEDBAT

Start at: 2018-07-10 01:28:54
End at: 2018-07-10 01:29:24
Local clock offset: 0.034 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.63 Mbit/s
95th percentile per-packet one-way delay: 88.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 88.264 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 87.911 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 87.396 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

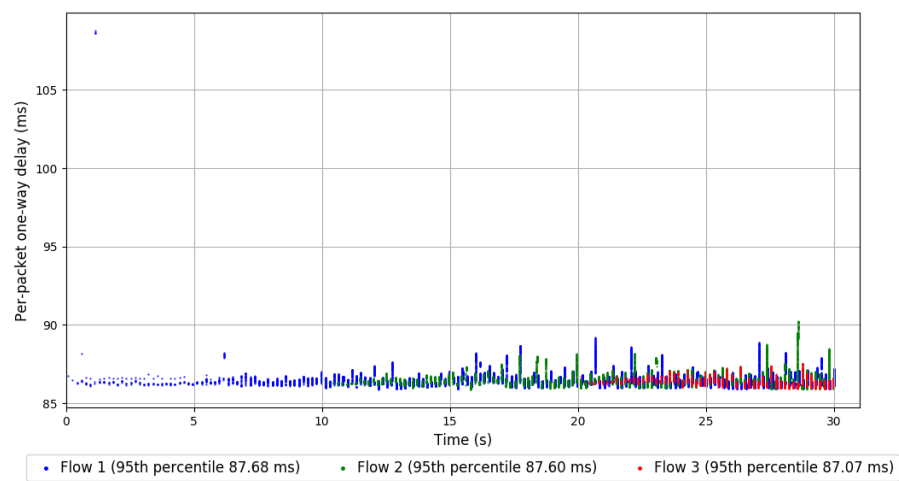
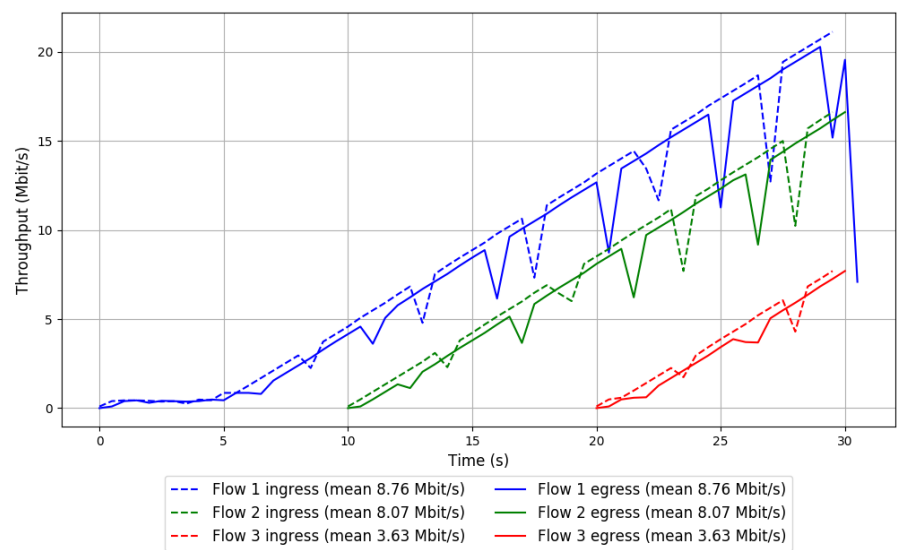


Run 4: Statistics of LEDBAT

Start at: 2018-07-10 01:54:55
End at: 2018-07-10 01:55:25
Local clock offset: -0.053 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.32 Mbit/s
95th percentile per-packet one-way delay: 87.575 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 87.684 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 87.597 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 87.069 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-07-10 02:20:44

End at: 2018-07-10 02:21:14

Local clock offset: -0.052 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at 2018-07-10 06:49:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 9.13 Mbit/s

95th percentile per-packet one-way delay: 87.410 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 7.30 Mbit/s

95th percentile per-packet one-way delay: 87.548 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.97 Mbit/s

95th percentile per-packet one-way delay: 86.918 ms

Loss rate: 0.00%

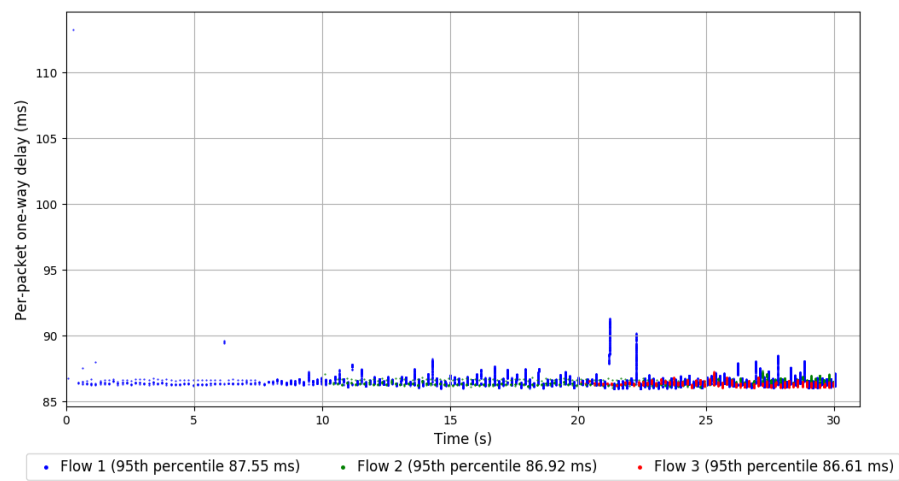
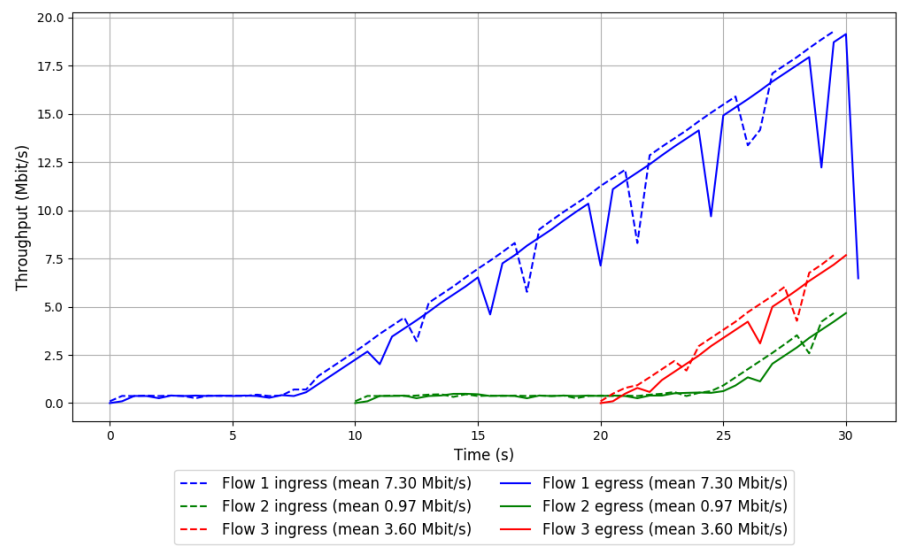
-- Flow 3:

Average throughput: 3.60 Mbit/s

95th percentile per-packet one-way delay: 86.612 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

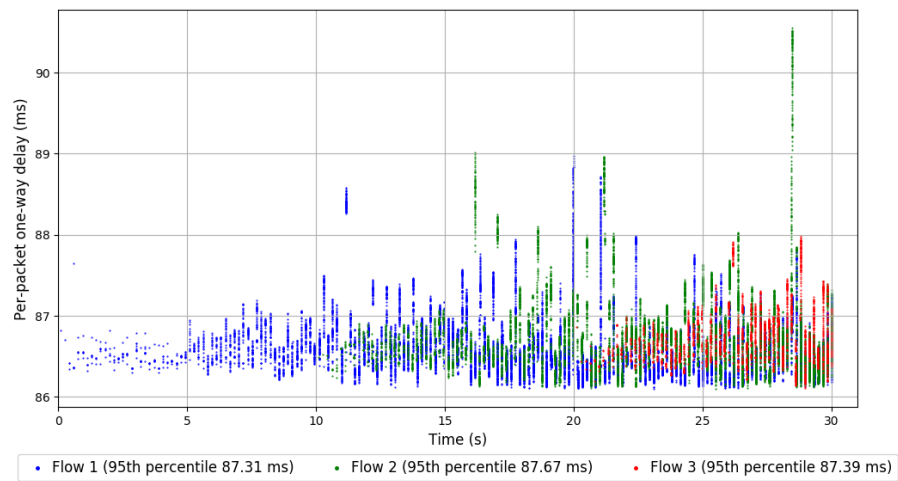
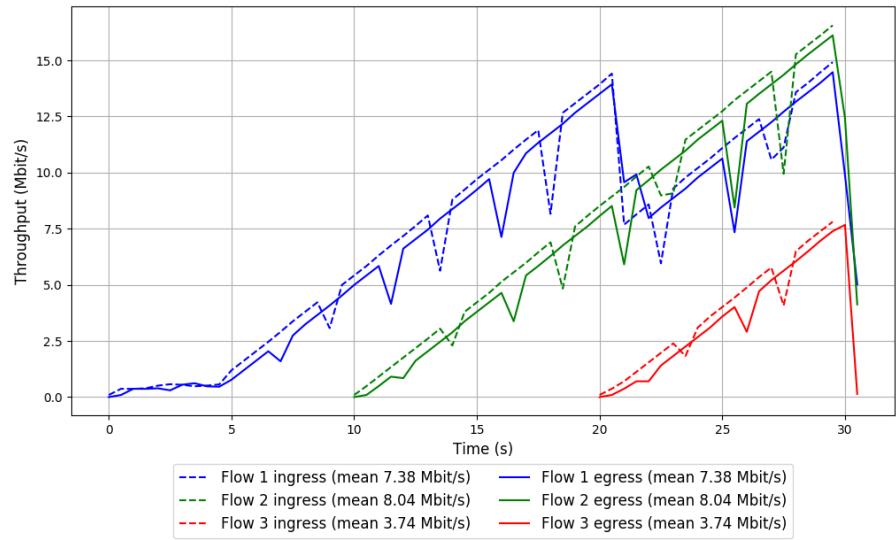


Run 6: Statistics of LEDBAT

Start at: 2018-07-10 02:46:36
End at: 2018-07-10 02:47:06
Local clock offset: -0.006 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.96 Mbit/s
95th percentile per-packet one-way delay: 87.426 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 87.315 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 87.665 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 87.395 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

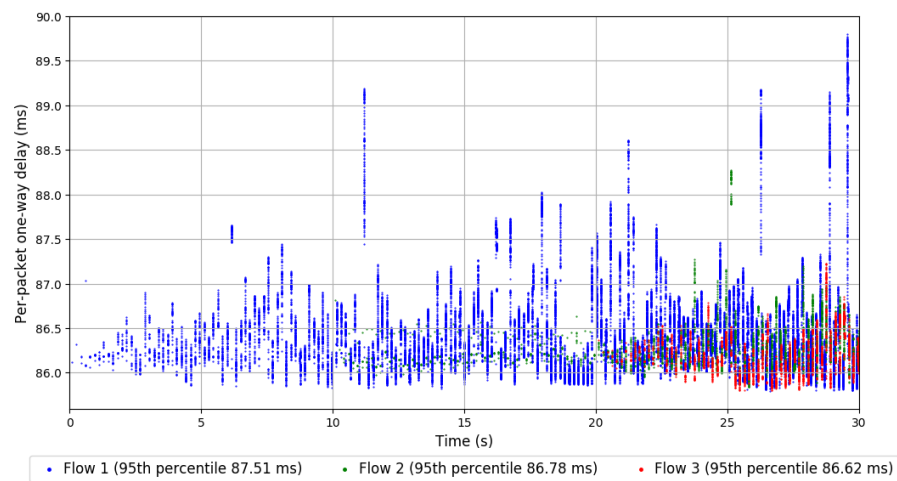
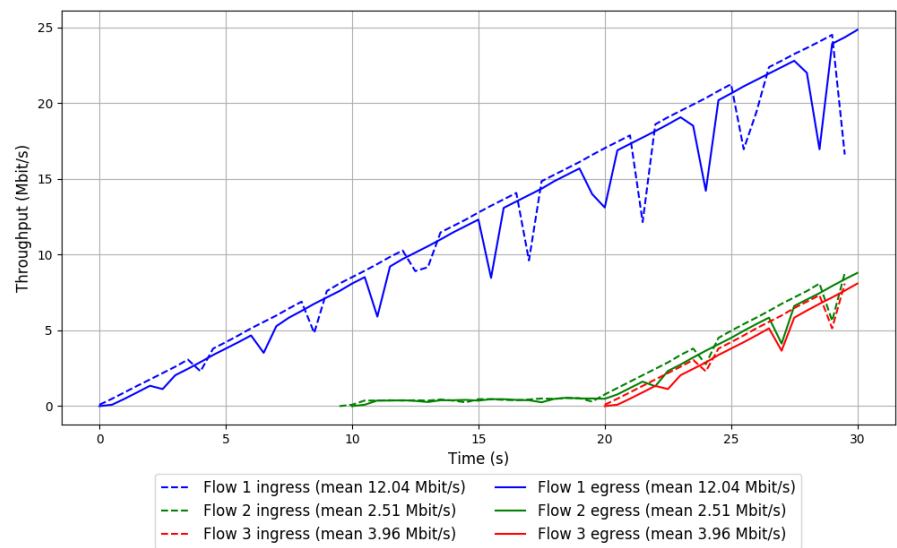


Run 7: Statistics of LEDBAT

Start at: 2018-07-10 03:12:36
End at: 2018-07-10 03:13:06
Local clock offset: 0.034 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.00 Mbit/s
95th percentile per-packet one-way delay: 87.367 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.04 Mbit/s
95th percentile per-packet one-way delay: 87.511 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 86.780 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 86.621 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

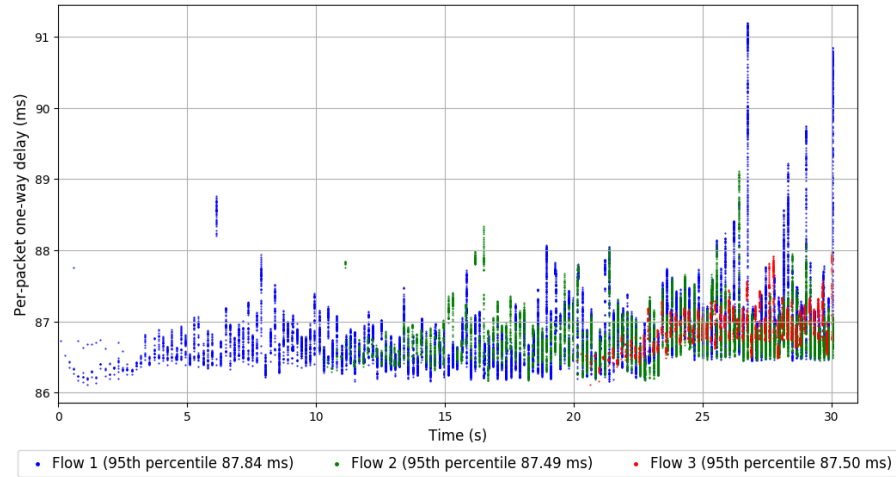
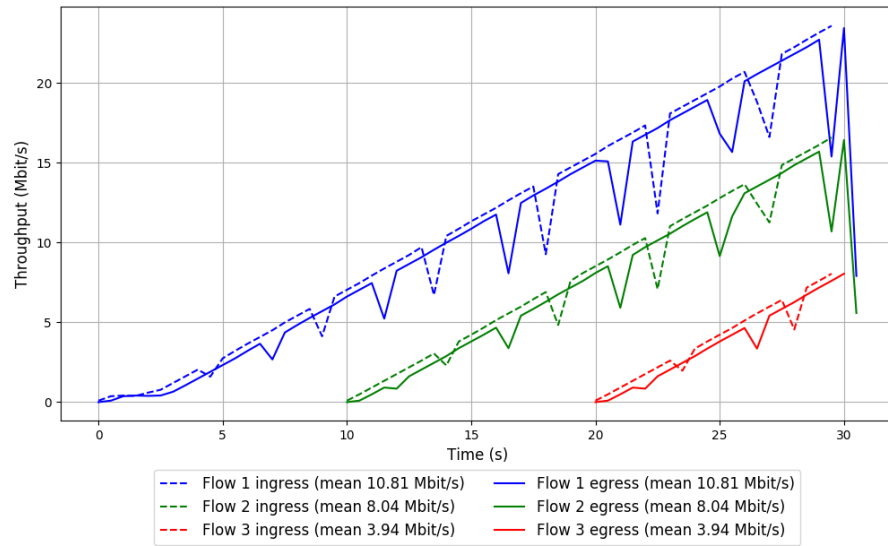


Run 8: Statistics of LEDBAT

Start at: 2018-07-10 03:38:28
End at: 2018-07-10 03:38:58
Local clock offset: -0.103 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 17.46 Mbit/s
95th percentile per-packet one-way delay: 87.696 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 87.844 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 87.488 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 87.499 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

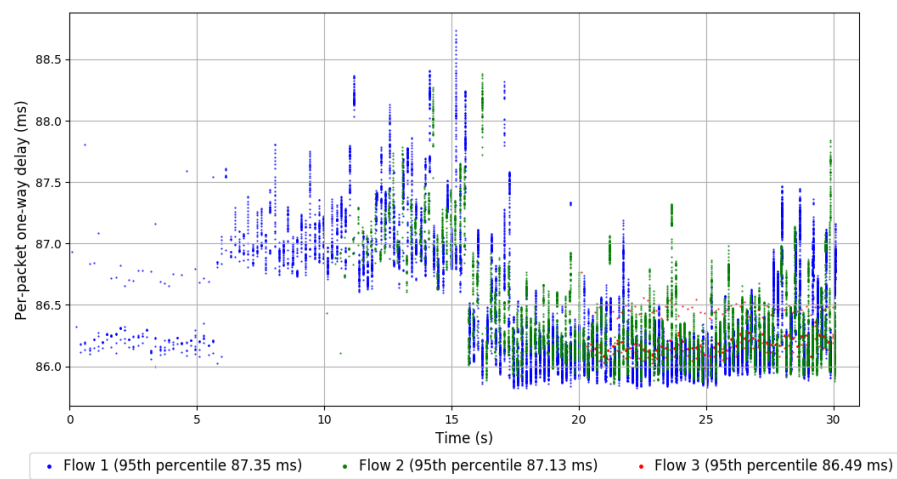
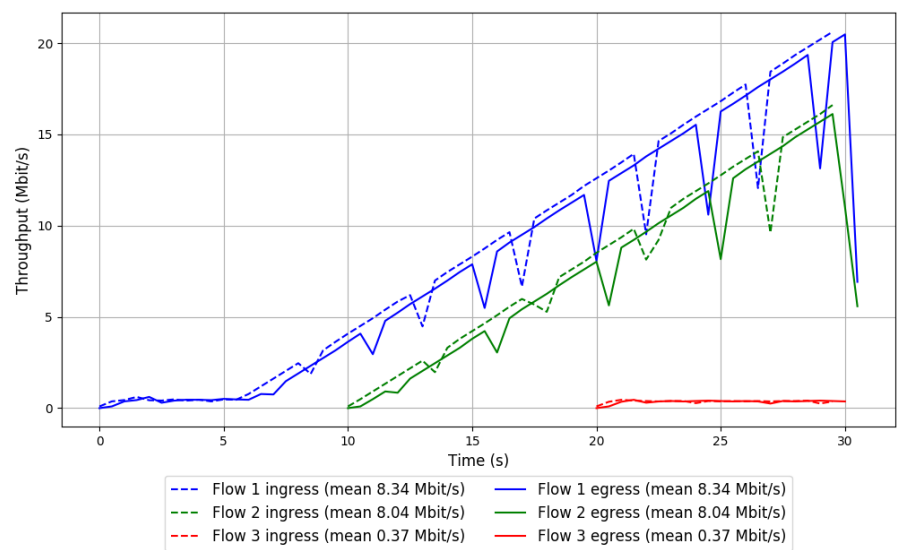


Run 9: Statistics of LEDBAT

Start at: 2018-07-10 04:04:26
End at: 2018-07-10 04:04:56
Local clock offset: -0.01 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.80 Mbit/s
95th percentile per-packet one-way delay: 87.275 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 87.351 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 87.128 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 86.489 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

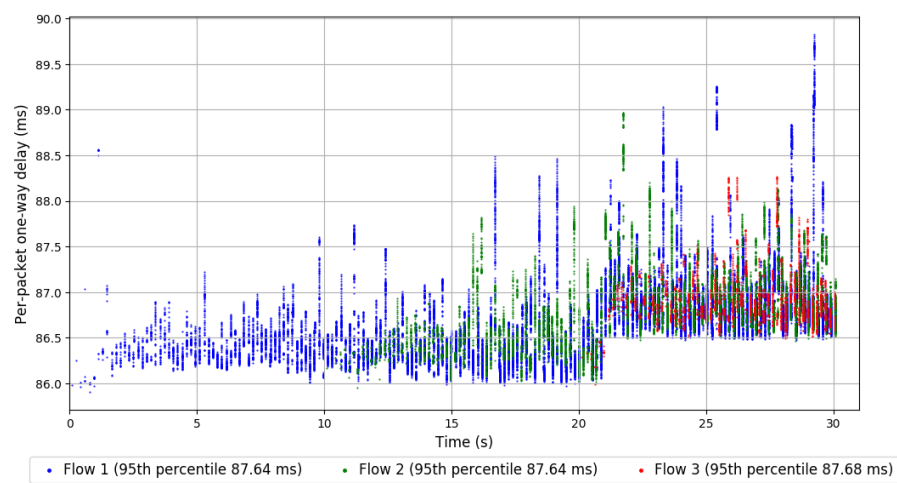
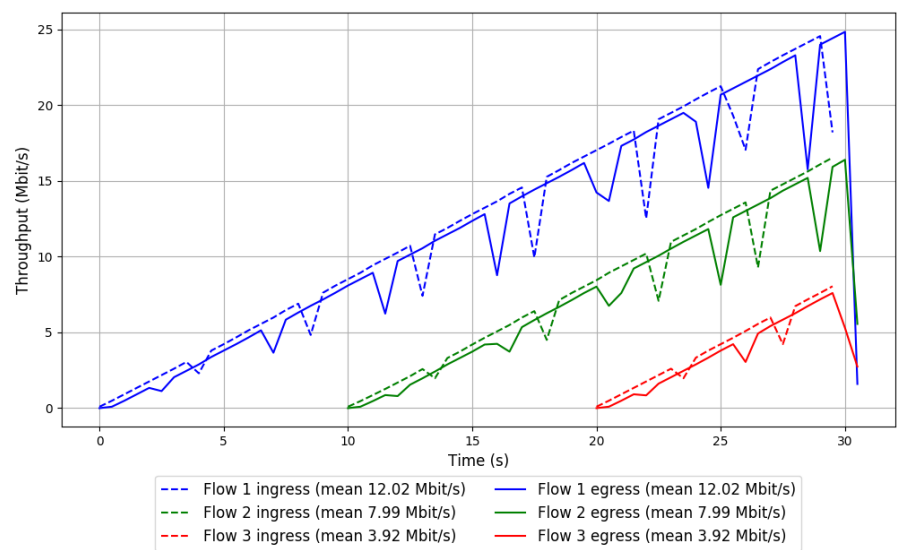


Run 10: Statistics of LEDBAT

Start at: 2018-07-10 04:30:20
End at: 2018-07-10 04:30:50
Local clock offset: 0.101 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-07-10 06:49:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.63 Mbit/s
95th percentile per-packet one-way delay: 87.642 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 87.641 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.99 Mbit/s
95th percentile per-packet one-way delay: 87.640 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 87.679 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

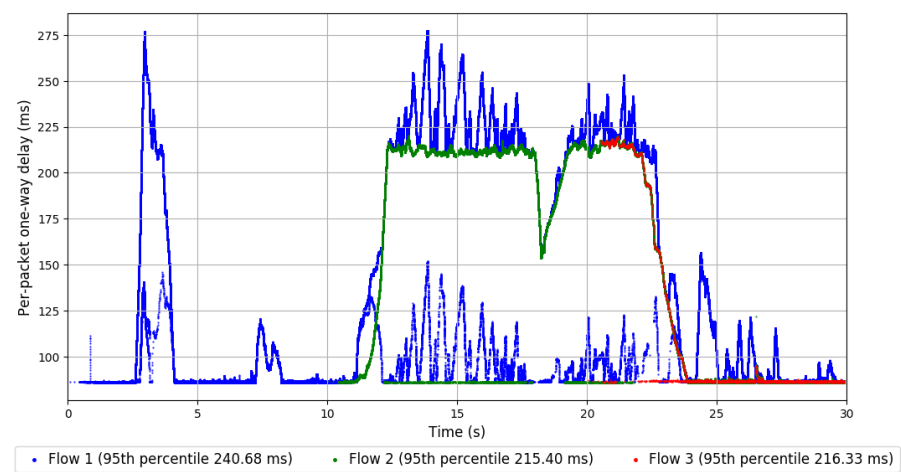
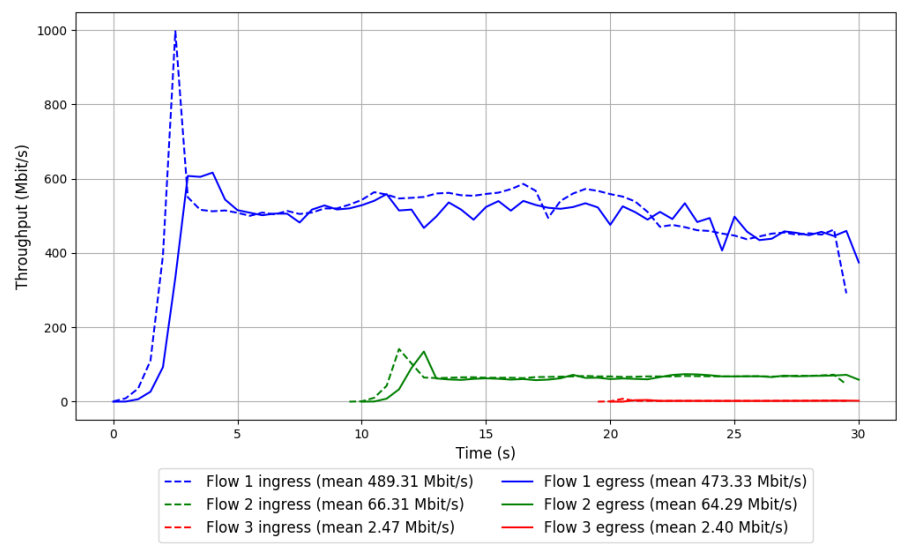


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-10 00:56:28
End at: 2018-07-10 00:56:58
Local clock offset: -0.01 ms
Remote clock offset: -0.003 ms

# Below is generated by plot.py at 2018-07-10 06:49:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 516.92 Mbit/s
95th percentile per-packet one-way delay: 239.281 ms
Loss rate: 3.25%
-- Flow 1:
Average throughput: 473.33 Mbit/s
95th percentile per-packet one-way delay: 240.675 ms
Loss rate: 3.27%
-- Flow 2:
Average throughput: 64.29 Mbit/s
95th percentile per-packet one-way delay: 215.395 ms
Loss rate: 3.05%
-- Flow 3:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 216.326 ms
Loss rate: 2.77%
```

Run 1: Report of PCC-Allegro — Data Link

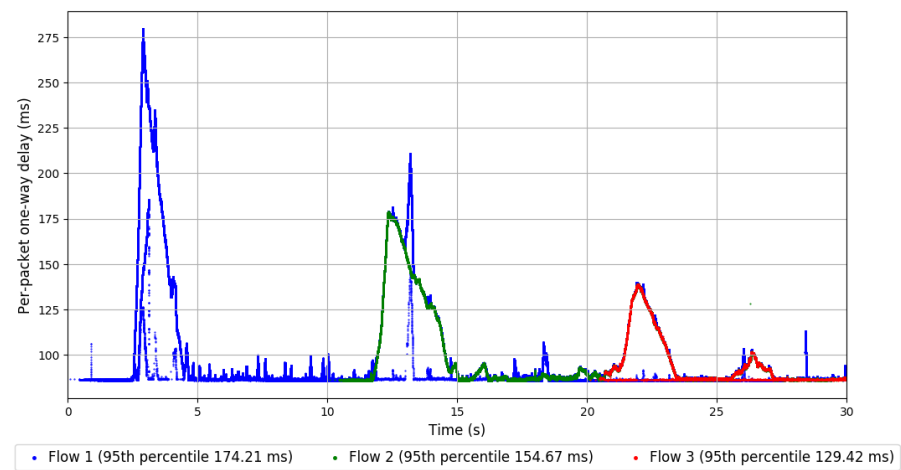
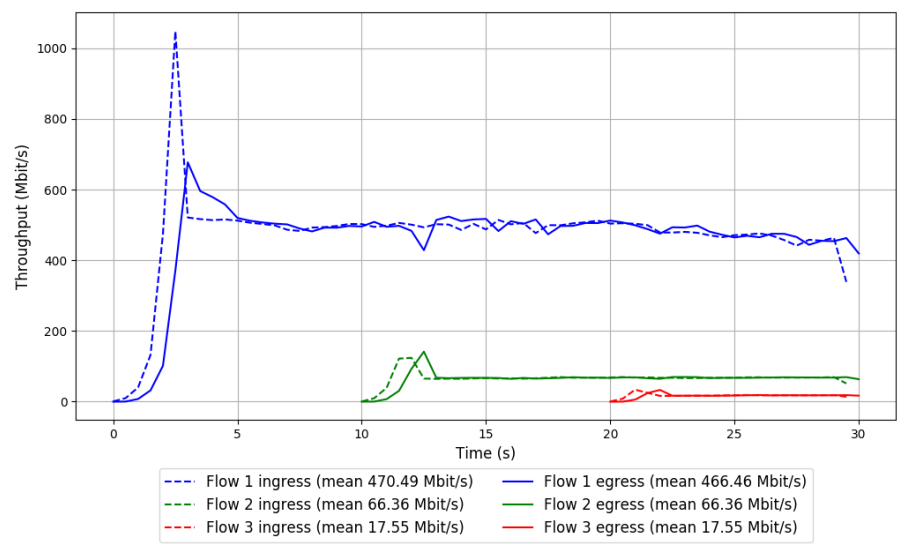


Run 2: Statistics of PCC-Allegro

Start at: 2018-07-10 01:22:23
End at: 2018-07-10 01:22:53
Local clock offset: -0.073 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-07-10 06:49:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 516.34 Mbit/s
95th percentile per-packet one-way delay: 172.477 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 466.46 Mbit/s
95th percentile per-packet one-way delay: 174.208 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 66.36 Mbit/s
95th percentile per-packet one-way delay: 154.666 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 129.418 ms
Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

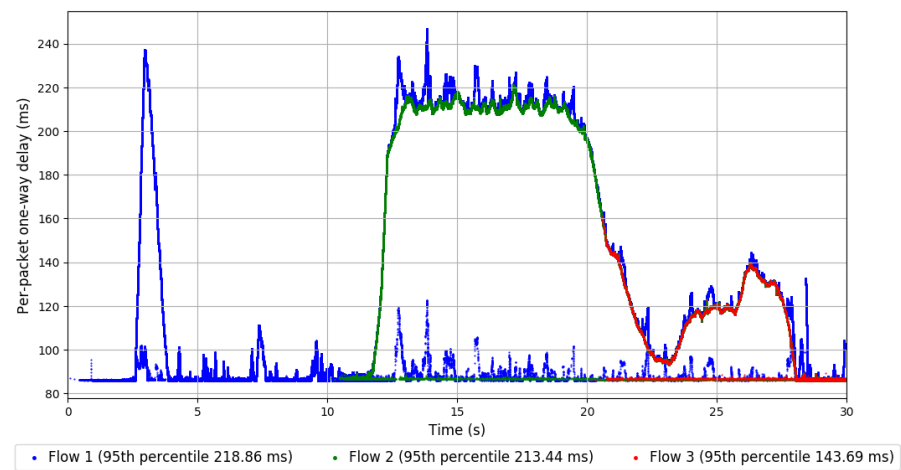
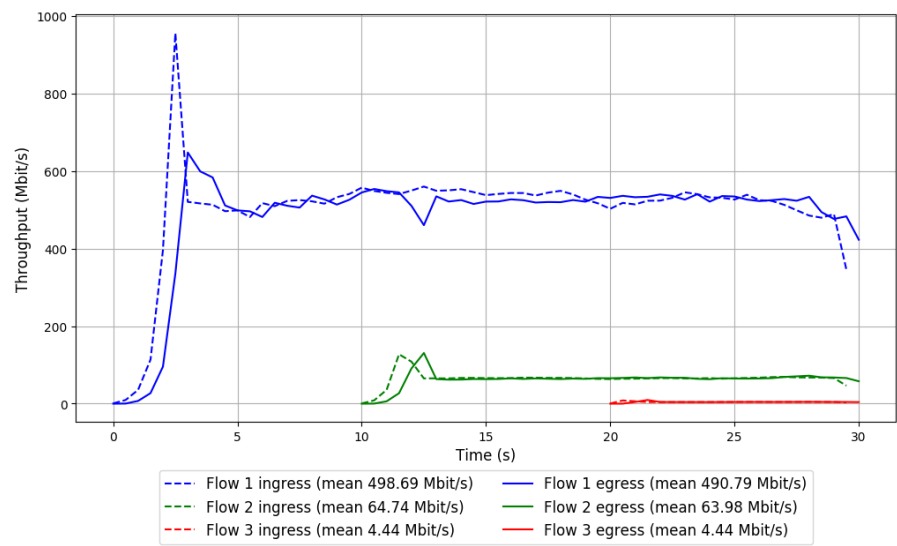


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-10 01:48:31
End at: 2018-07-10 01:49:01
Local clock offset: 0.004 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2018-07-10 06:50:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 534.76 Mbit/s
95th percentile per-packet one-way delay: 218.162 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 490.79 Mbit/s
95th percentile per-packet one-way delay: 218.864 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 63.98 Mbit/s
95th percentile per-packet one-way delay: 213.438 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 143.694 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link

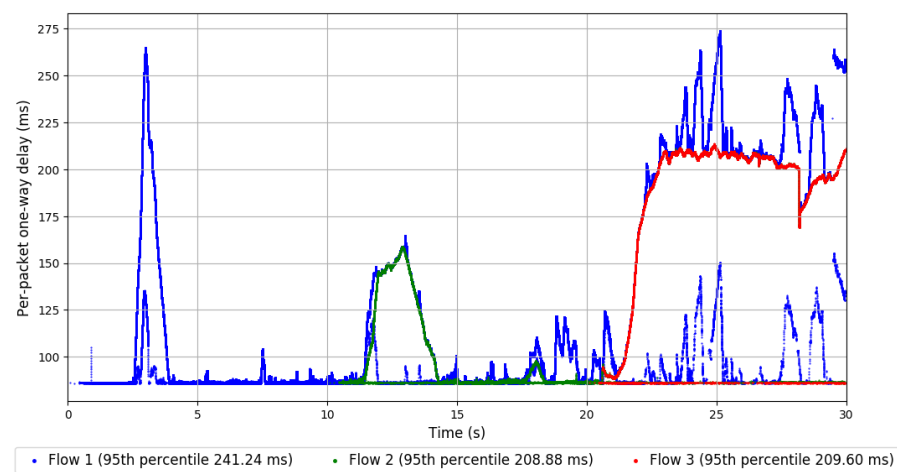
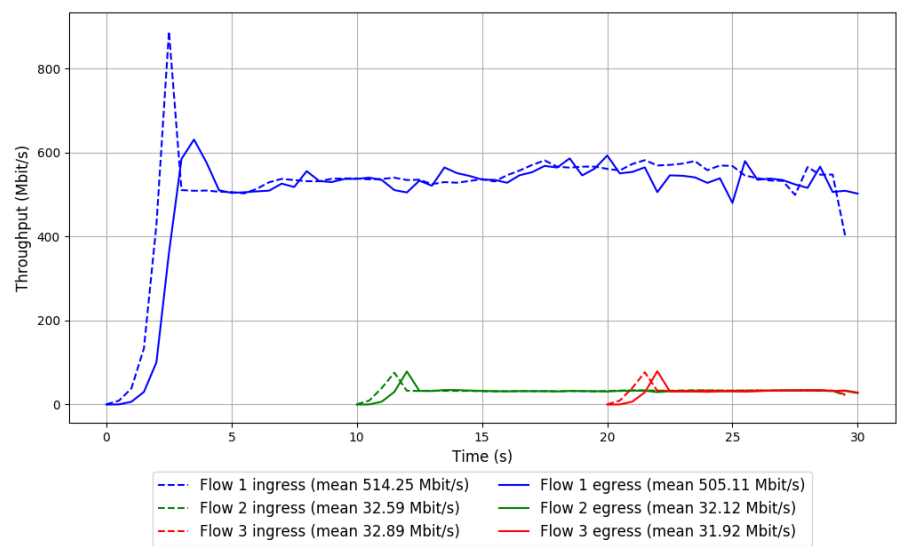


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-10 02:14:15
End at: 2018-07-10 02:14:45
Local clock offset: 0.009 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2018-07-10 06:51:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 536.95 Mbit/s
95th percentile per-packet one-way delay: 240.319 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 505.11 Mbit/s
95th percentile per-packet one-way delay: 241.238 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 32.12 Mbit/s
95th percentile per-packet one-way delay: 208.884 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 209.601 ms
Loss rate: 2.90%

Run 4: Report of PCC-Allegro — Data Link

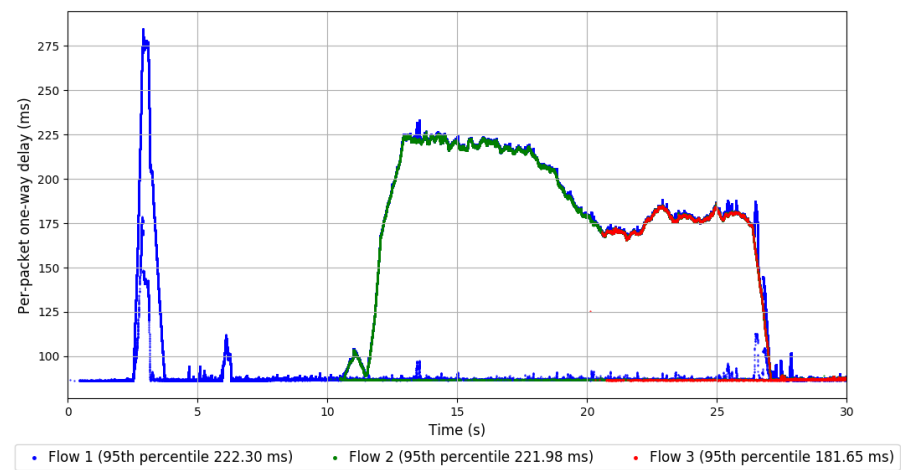
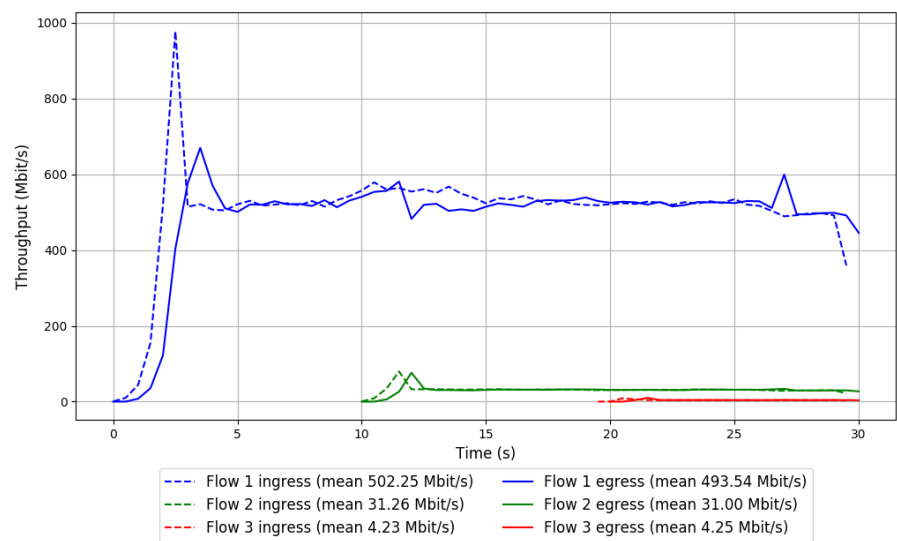


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-10 02:40:13
End at: 2018-07-10 02:40:43
Local clock offset: -0.283 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-07-10 06:54:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 515.52 Mbit/s
95th percentile per-packet one-way delay: 222.267 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 493.54 Mbit/s
95th percentile per-packet one-way delay: 222.299 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 221.977 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 181.649 ms
Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link

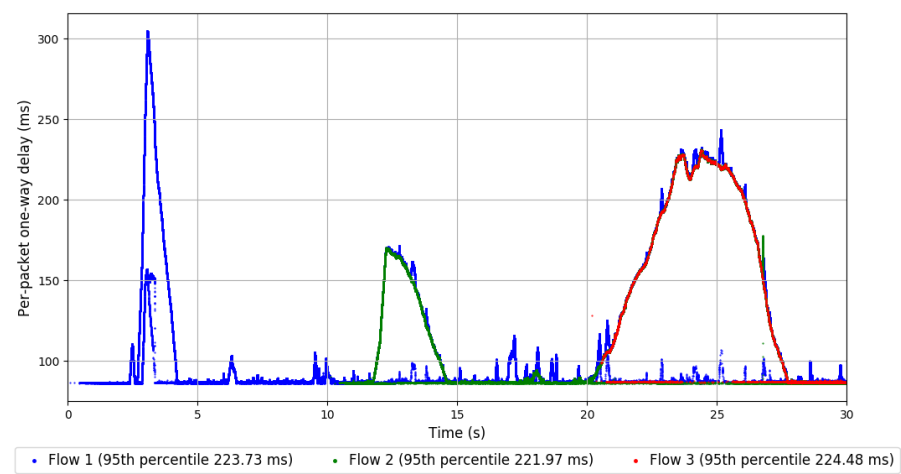
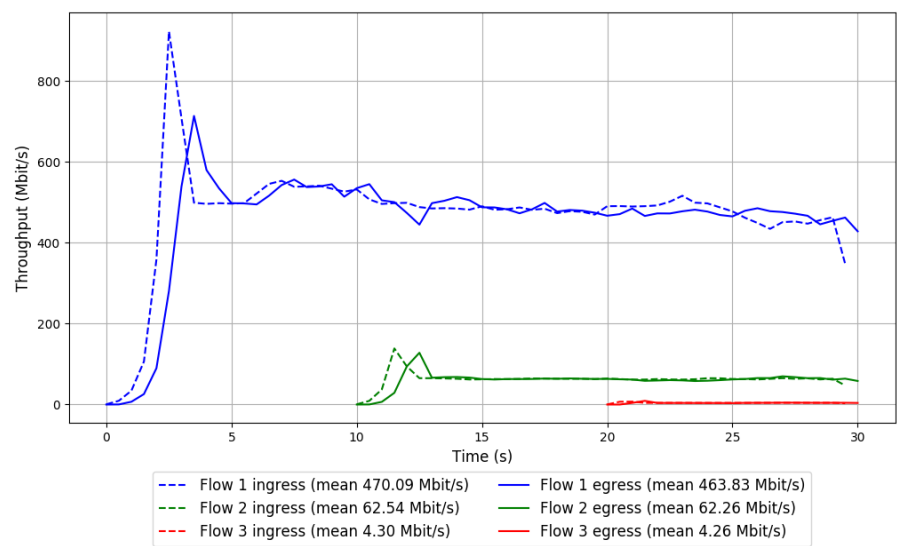


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-10 03:06:08
End at: 2018-07-10 03:06:38
Local clock offset: -0.139 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-07-10 06:55:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 506.61 Mbit/s
95th percentile per-packet one-way delay: 223.591 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 463.83 Mbit/s
95th percentile per-packet one-way delay: 223.730 ms
Loss rate: 1.33%
-- Flow 2:
Average throughput: 62.26 Mbit/s
95th percentile per-packet one-way delay: 221.972 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 224.480 ms
Loss rate: 1.39%

Run 6: Report of PCC-Allegro — Data Link

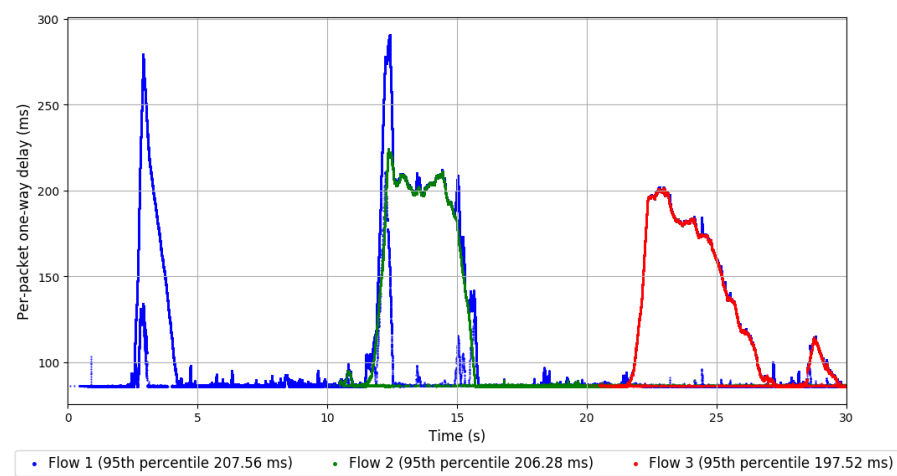
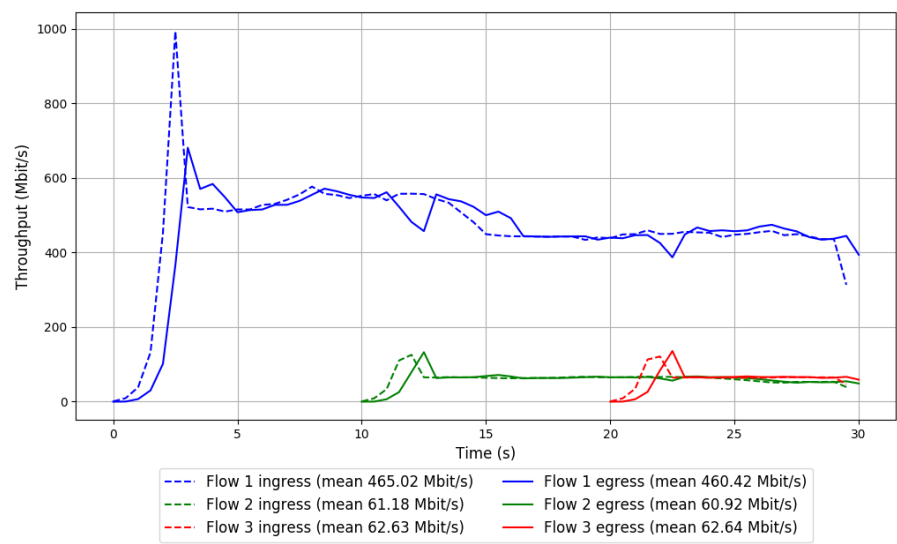


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-10 03:31:59
End at: 2018-07-10 03:32:29
Local clock offset: 0.087 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-07-10 06:57:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 521.57 Mbit/s
95th percentile per-packet one-way delay: 207.196 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 460.42 Mbit/s
95th percentile per-packet one-way delay: 207.559 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 60.92 Mbit/s
95th percentile per-packet one-way delay: 206.280 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 62.64 Mbit/s
95th percentile per-packet one-way delay: 197.520 ms
Loss rate: 0.00%

Run 7: Report of PCC-Allegro — Data Link

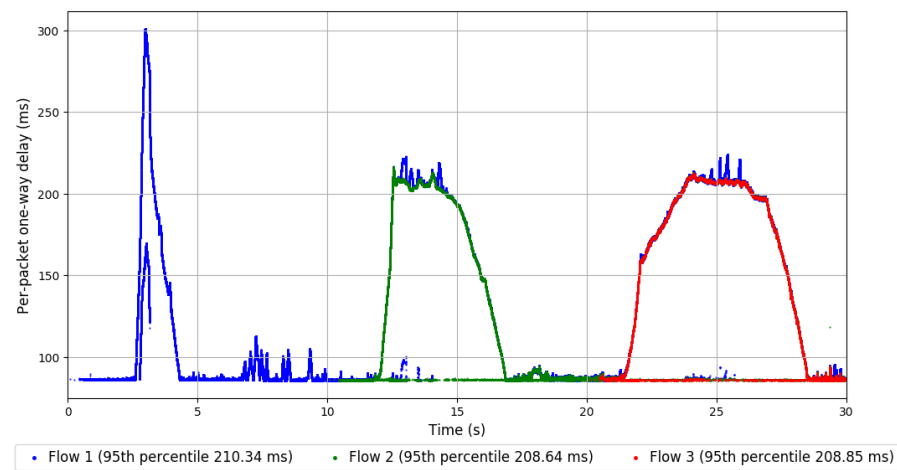
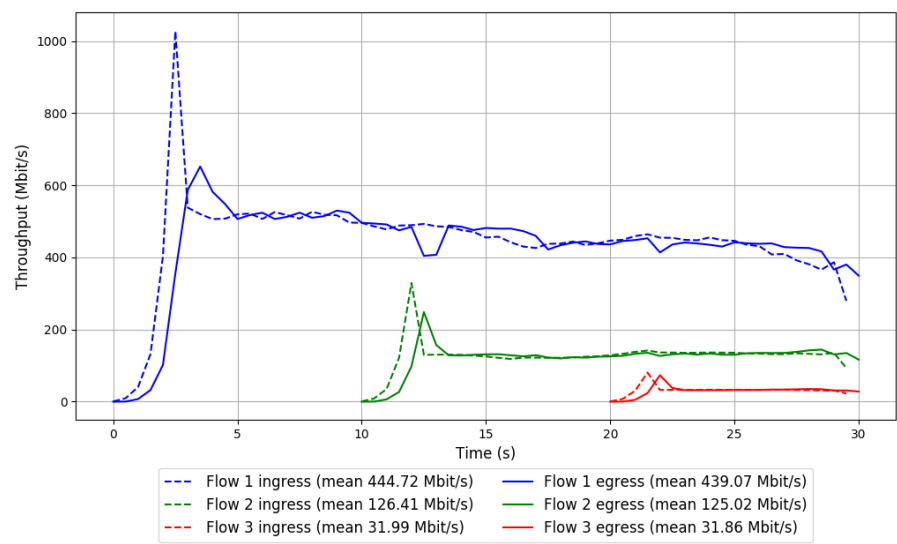


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-10 03:57:54
End at: 2018-07-10 03:58:24
Local clock offset: 0.055 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-07-10 06:57:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 532.66 Mbit/s
95th percentile per-packet one-way delay: 209.855 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 439.07 Mbit/s
95th percentile per-packet one-way delay: 210.338 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 125.02 Mbit/s
95th percentile per-packet one-way delay: 208.644 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 208.846 ms
Loss rate: 0.42%

Run 8: Report of PCC-Allegro — Data Link

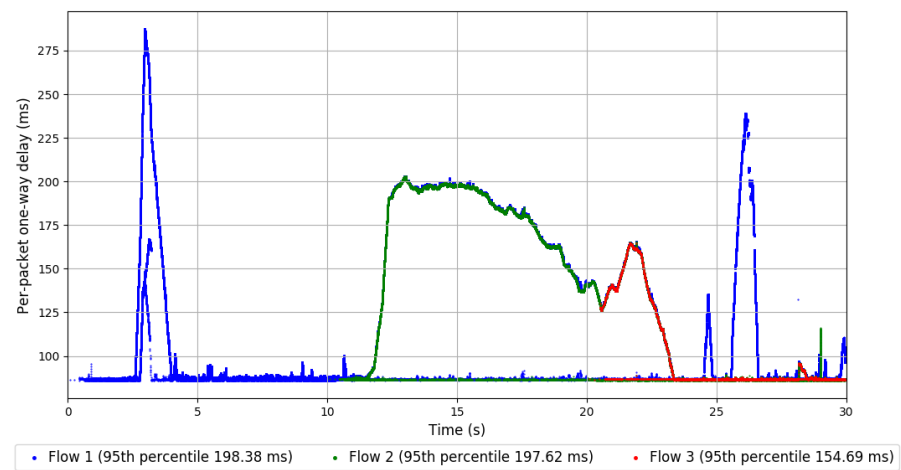
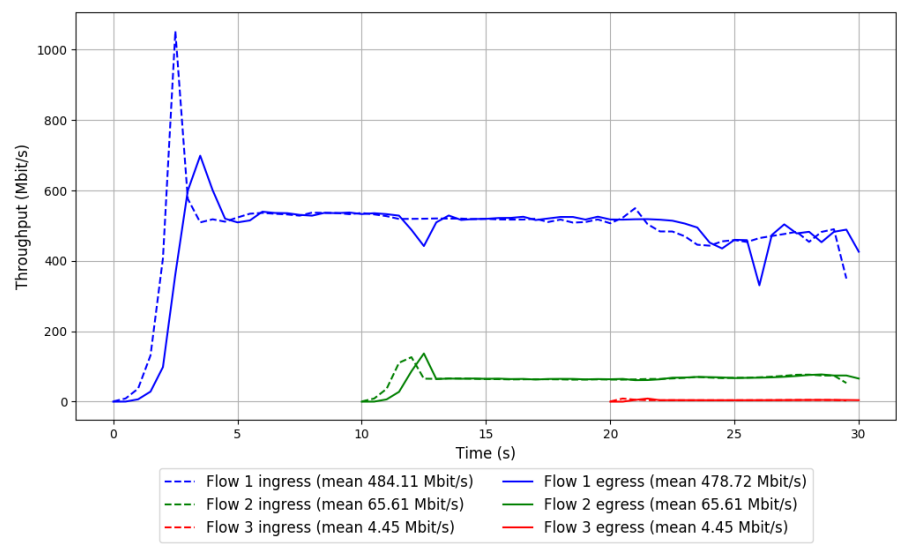


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-10 04:23:51
End at: 2018-07-10 04:24:21
Local clock offset: -0.152 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-10 06:58:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 523.78 Mbit/s
95th percentile per-packet one-way delay: 198.263 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 478.72 Mbit/s
95th percentile per-packet one-way delay: 198.380 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 65.61 Mbit/s
95th percentile per-packet one-way delay: 197.616 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 154.692 ms
Loss rate: 0.00%

Run 9: Report of PCC-Allegro — Data Link

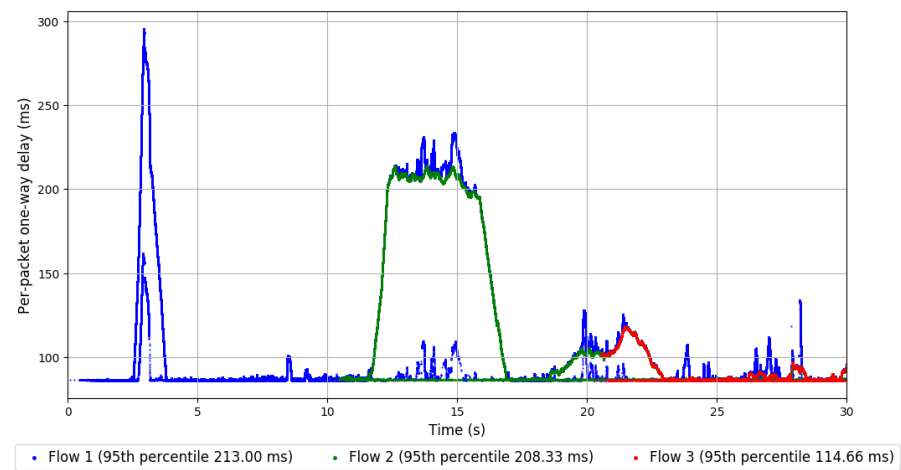
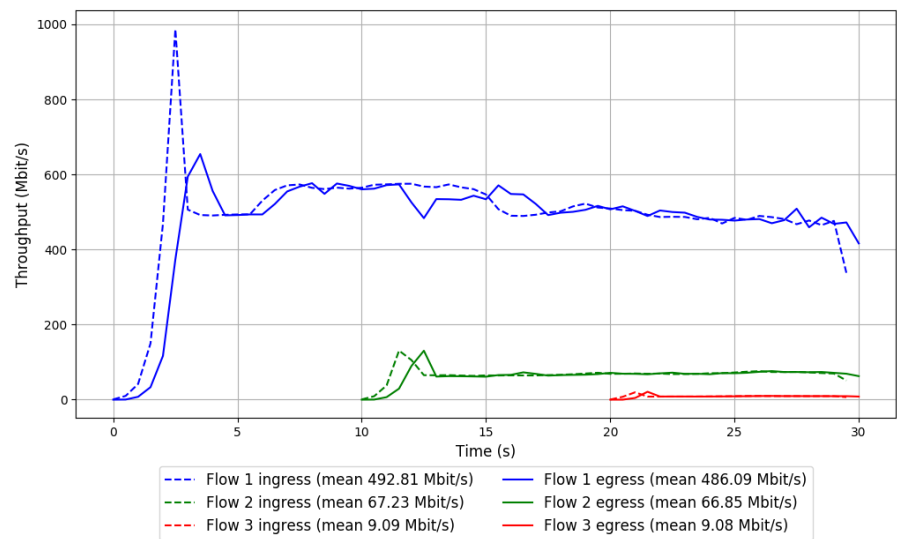


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-10 04:49:41
End at: 2018-07-10 04:50:11
Local clock offset: -0.335 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-07-10 06:58:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 533.47 Mbit/s
95th percentile per-packet one-way delay: 212.227 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 486.09 Mbit/s
95th percentile per-packet one-way delay: 213.005 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 66.85 Mbit/s
95th percentile per-packet one-way delay: 208.326 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 114.658 ms
Loss rate: 0.05%

Run 10: Report of PCC-Allegro — Data Link

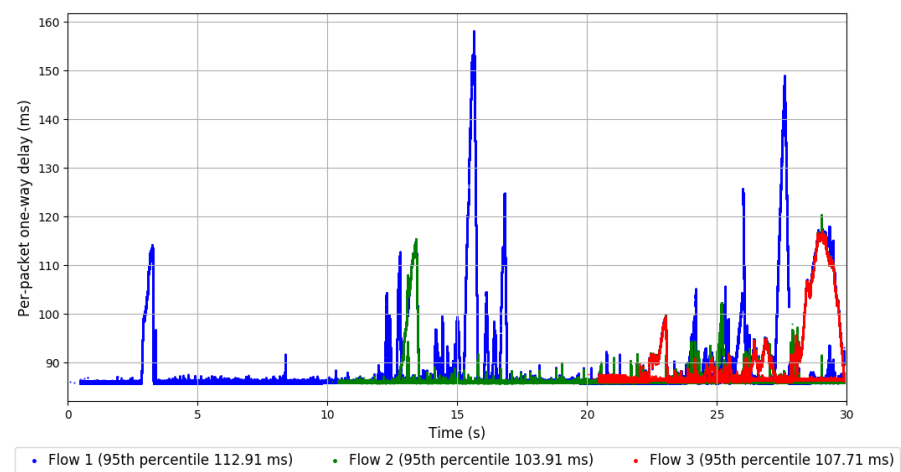
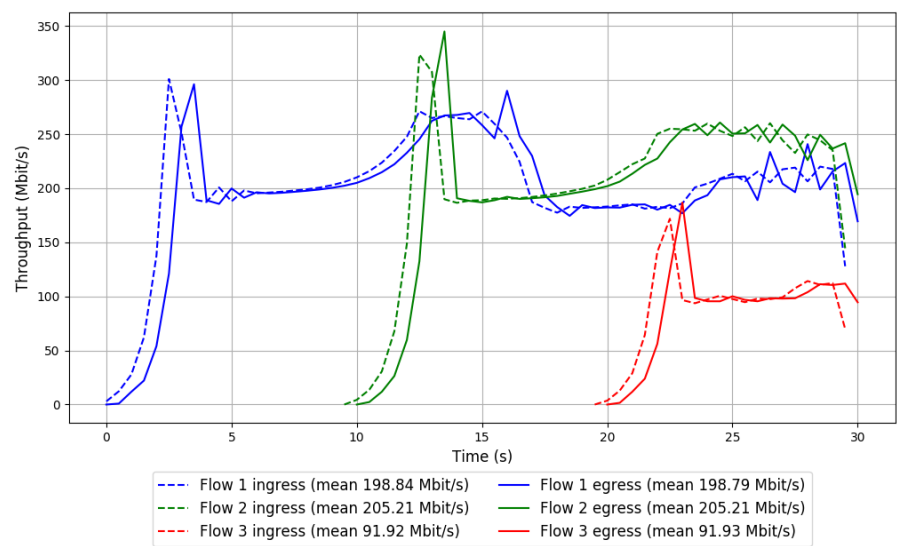


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-10 00:38:11
End at: 2018-07-10 00:38:41
Local clock offset: 0.137 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2018-07-10 07:01:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 365.98 Mbit/s
95th percentile per-packet one-way delay: 110.210 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 198.79 Mbit/s
95th percentile per-packet one-way delay: 112.906 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 205.21 Mbit/s
95th percentile per-packet one-way delay: 103.909 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 91.93 Mbit/s
95th percentile per-packet one-way delay: 107.714 ms
Loss rate: 0.00%
```


Run 1: Report of PCC-Expr — Data Link

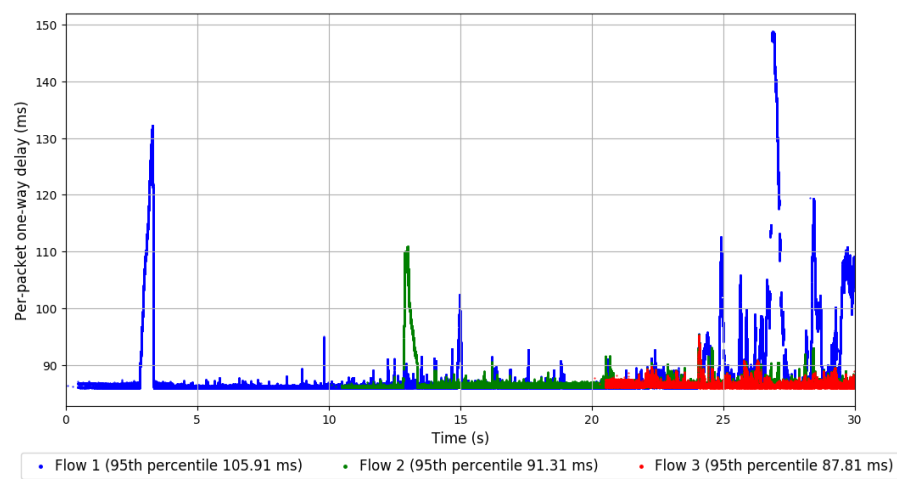
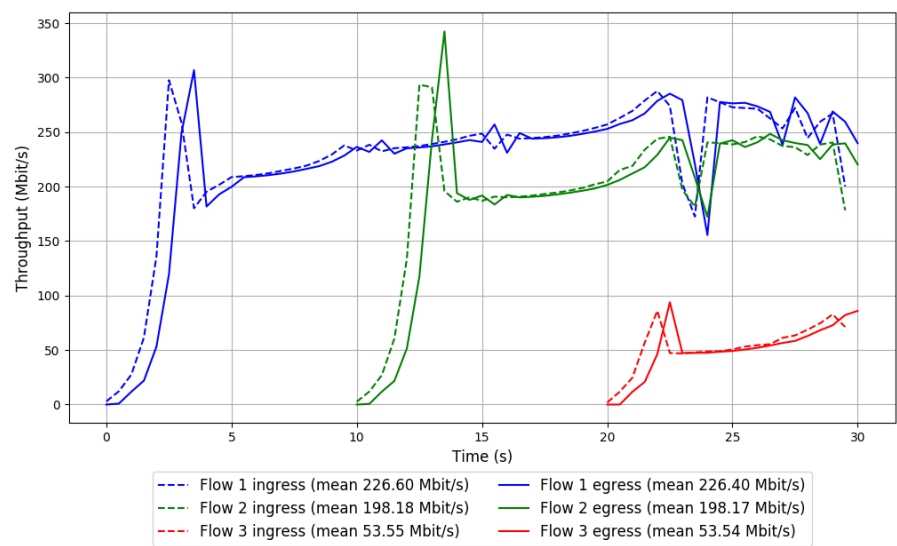


Run 2: Statistics of PCC-Expr

Start at: 2018-07-10 01:04:07
End at: 2018-07-10 01:04:37
Local clock offset: -0.189 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-07-10 07:03:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 375.86 Mbit/s
95th percentile per-packet one-way delay: 100.296 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 226.40 Mbit/s
95th percentile per-packet one-way delay: 105.909 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 198.17 Mbit/s
95th percentile per-packet one-way delay: 91.312 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 87.811 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

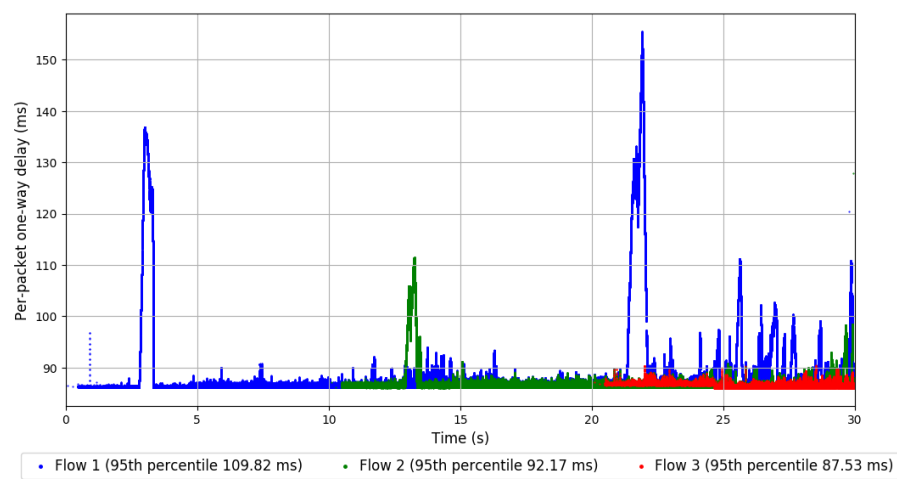
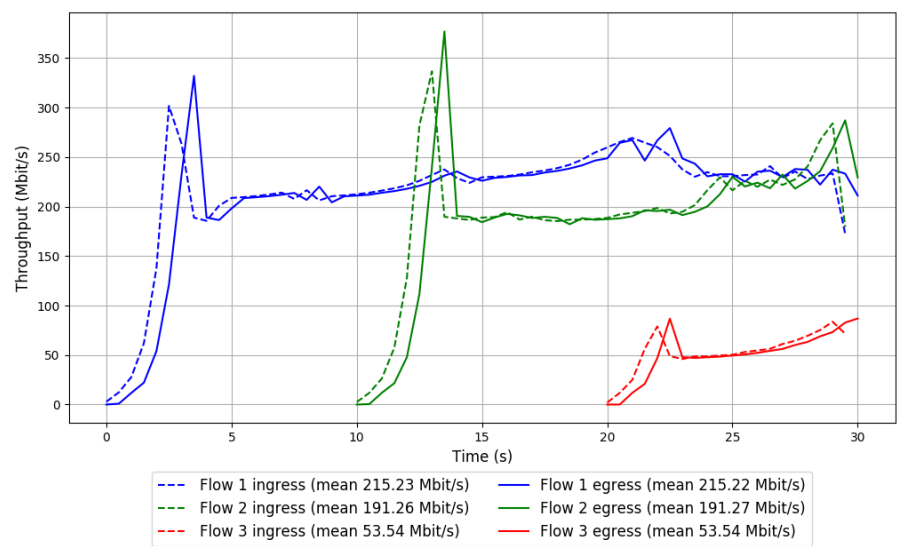


```
Run 3: Statistics of PCC-Expr

Start at: 2018-07-10 01:30:06
End at: 2018-07-10 01:30:36
Local clock offset: -0.238 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2018-07-10 07:06:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 360.08 Mbit/s
95th percentile per-packet one-way delay: 99.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 215.22 Mbit/s
95th percentile per-packet one-way delay: 109.819 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.27 Mbit/s
95th percentile per-packet one-way delay: 92.175 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.54 Mbit/s
95th percentile per-packet one-way delay: 87.527 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-07-10 01:56:08

End at: 2018-07-10 01:56:38

Local clock offset: -0.159 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at 2018-07-10 07:06:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 365.75 Mbit/s

95th percentile per-packet one-way delay: 137.789 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 219.53 Mbit/s

95th percentile per-packet one-way delay: 165.083 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 196.00 Mbit/s

95th percentile per-packet one-way delay: 109.182 ms

Loss rate: 0.00%

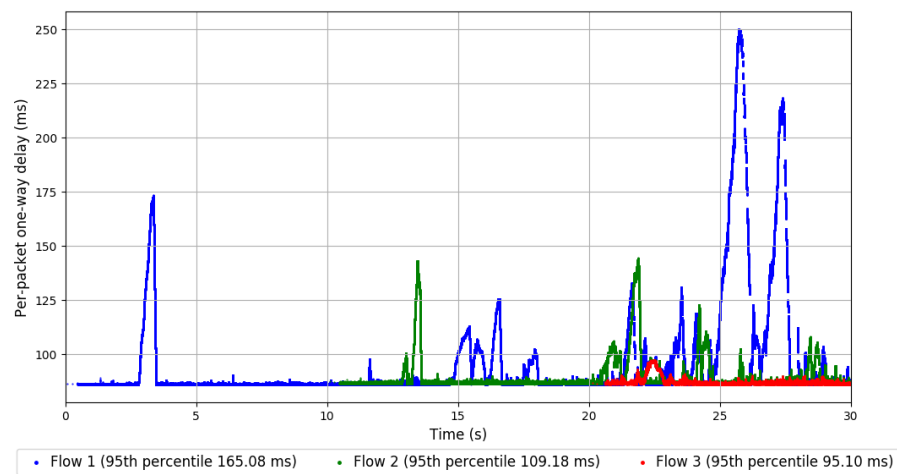
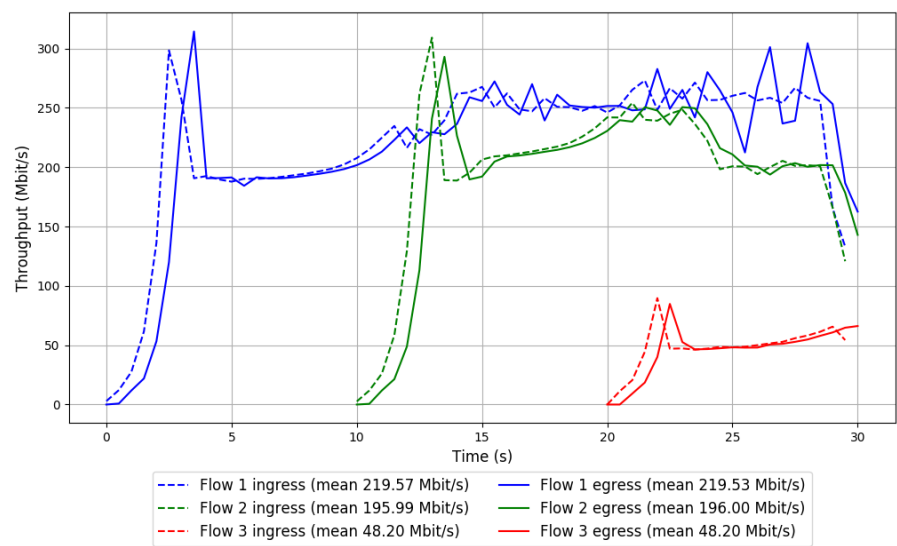
-- Flow 3:

Average throughput: 48.20 Mbit/s

95th percentile per-packet one-way delay: 95.104 ms

Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link

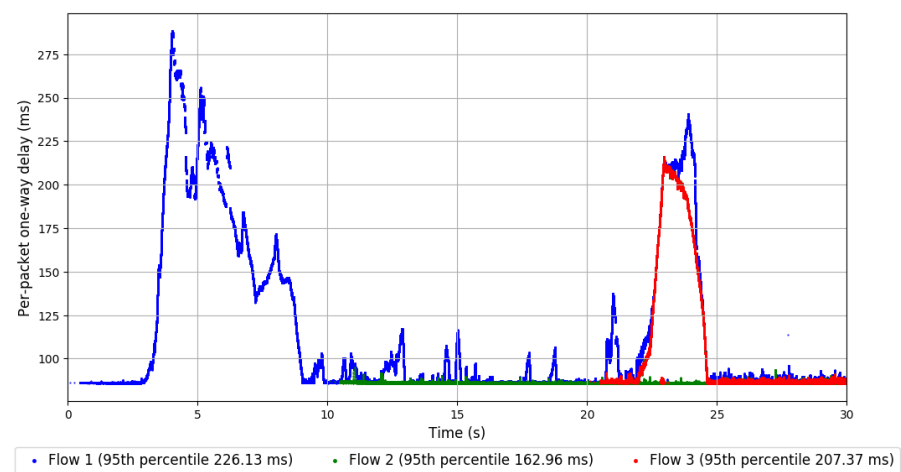
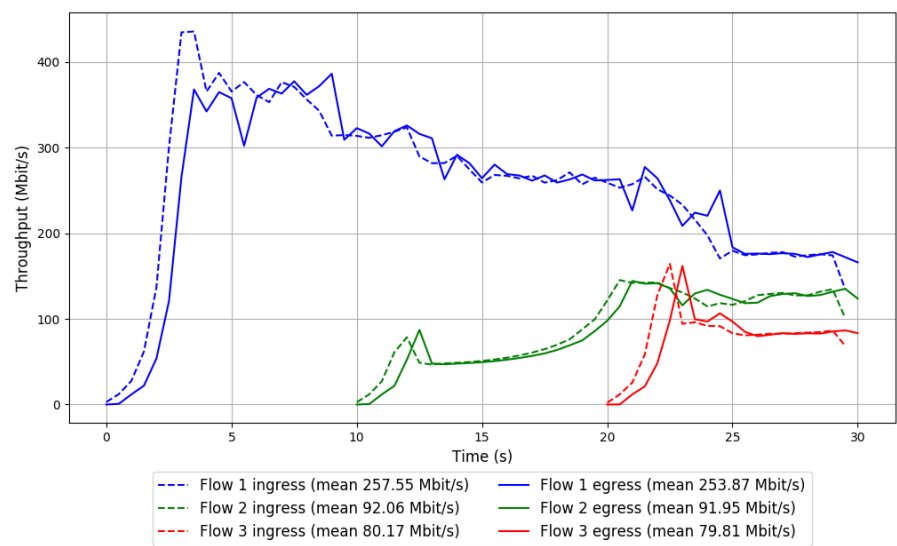


Run 5: Statistics of PCC-Expr

Start at: 2018-07-10 02:21:56
End at: 2018-07-10 02:22:26
Local clock offset: -0.054 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-07-10 07:08:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 341.35 Mbit/s
95th percentile per-packet one-way delay: 218.394 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 253.87 Mbit/s
95th percentile per-packet one-way delay: 226.134 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 91.95 Mbit/s
95th percentile per-packet one-way delay: 162.957 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 79.81 Mbit/s
95th percentile per-packet one-way delay: 207.373 ms
Loss rate: 0.45%

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

Start at: 2018-07-10 02:47:48

End at: 2018-07-10 02:48:18

Local clock offset: 0.014 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-07-10 07:12:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 412.78 Mbit/s

95th percentile per-packet one-way delay: 192.566 ms

Loss rate: 0.36%

-- Flow 1:

Average throughput: 273.52 Mbit/s

95th percentile per-packet one-way delay: 206.014 ms

Loss rate: 0.53%

-- Flow 2:

Average throughput: 165.60 Mbit/s

95th percentile per-packet one-way delay: 119.921 ms

Loss rate: 0.01%

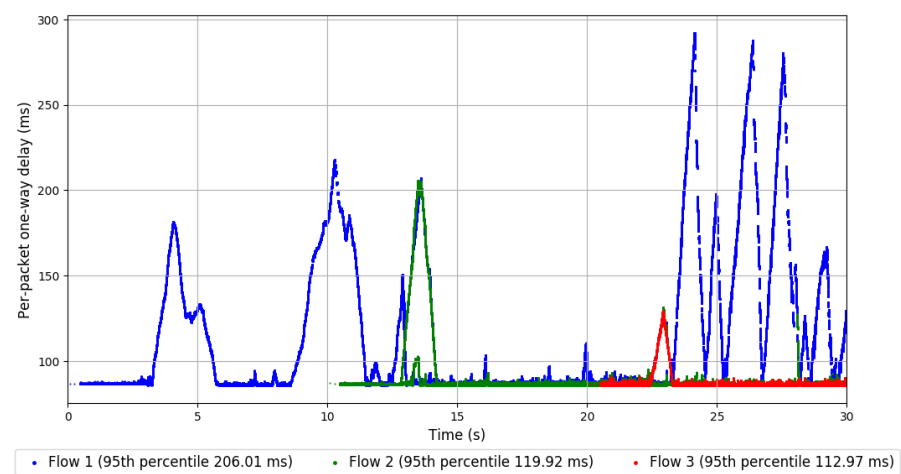
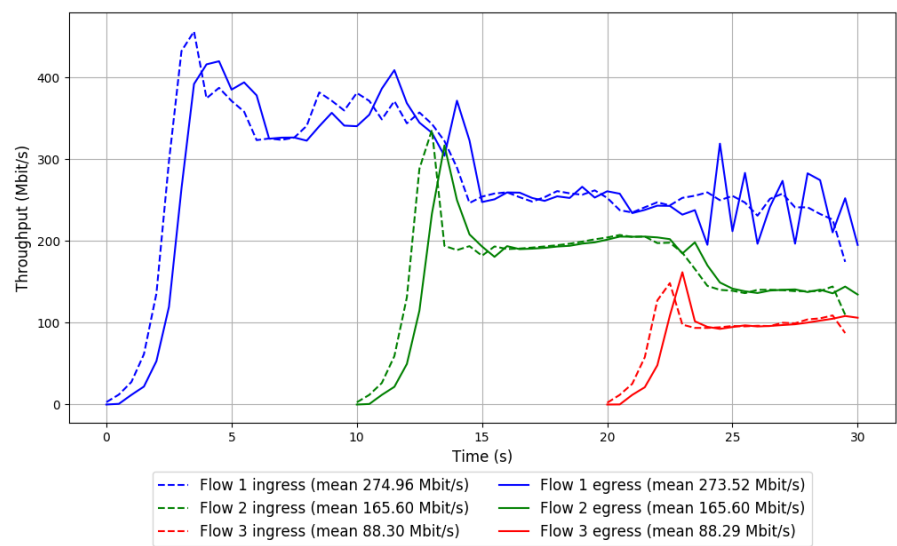
-- Flow 3:

Average throughput: 88.29 Mbit/s

95th percentile per-packet one-way delay: 112.967 ms

Loss rate: 0.02%

Run 6: Report of PCC-Expr — Data Link

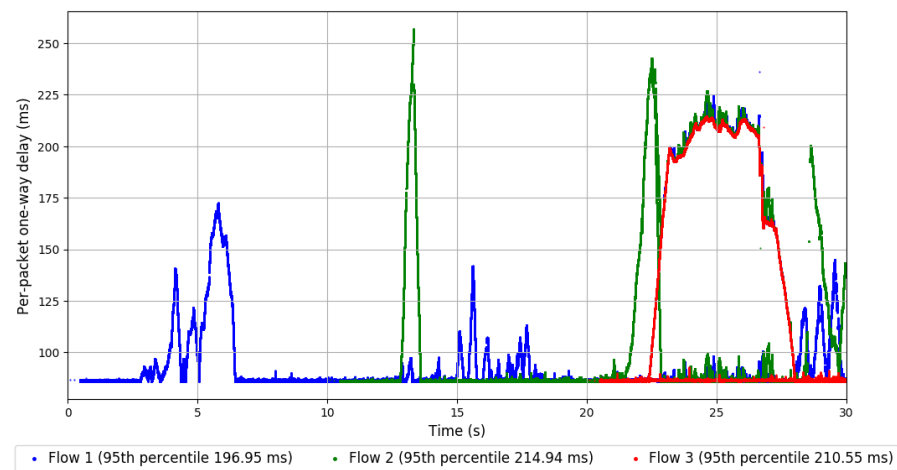
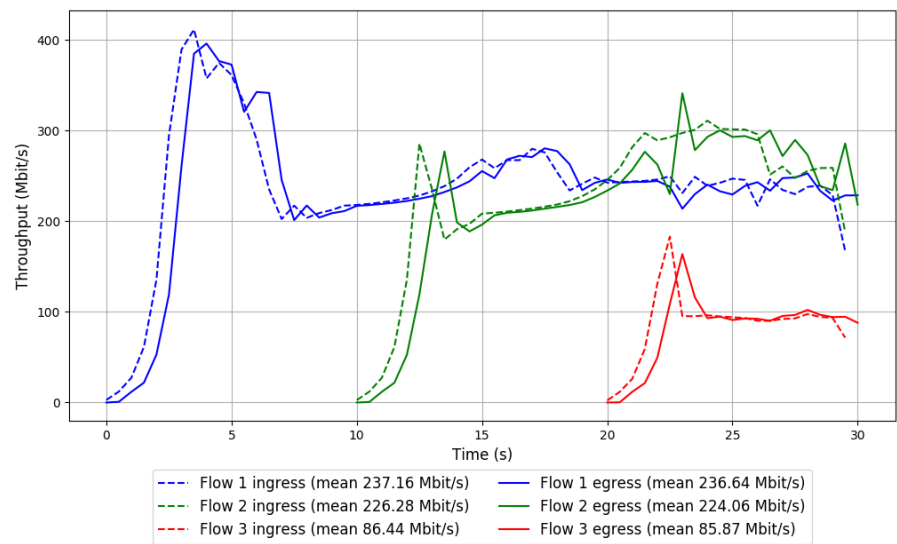


Run 7: Statistics of PCC-Expr

Start at: 2018-07-10 03:13:48
End at: 2018-07-10 03:14:18
Local clock offset: -0.09 ms
Remote clock offset: -0.037 ms

Below is generated by plot.py at 2018-07-10 07:12:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 413.99 Mbit/s
95th percentile per-packet one-way delay: 209.583 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 236.64 Mbit/s
95th percentile per-packet one-way delay: 196.947 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 224.06 Mbit/s
95th percentile per-packet one-way delay: 214.943 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 85.87 Mbit/s
95th percentile per-packet one-way delay: 210.552 ms
Loss rate: 0.67%

Run 7: Report of PCC-Expr — Data Link

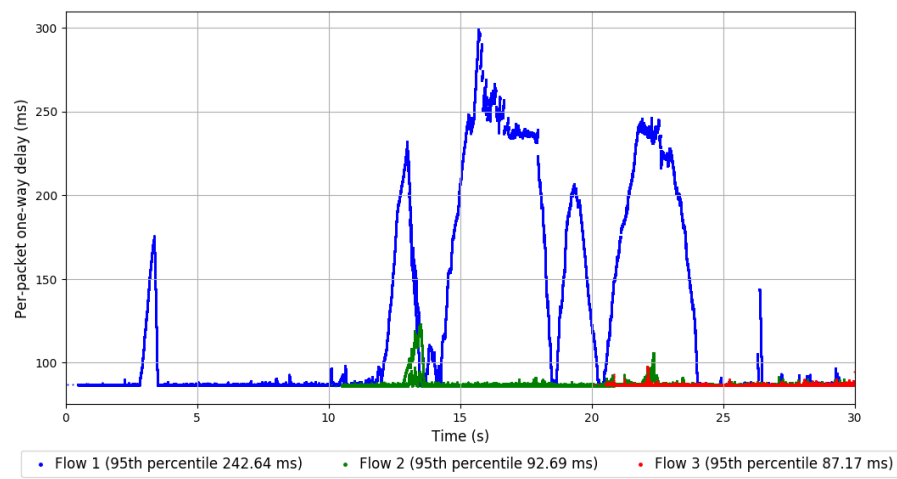
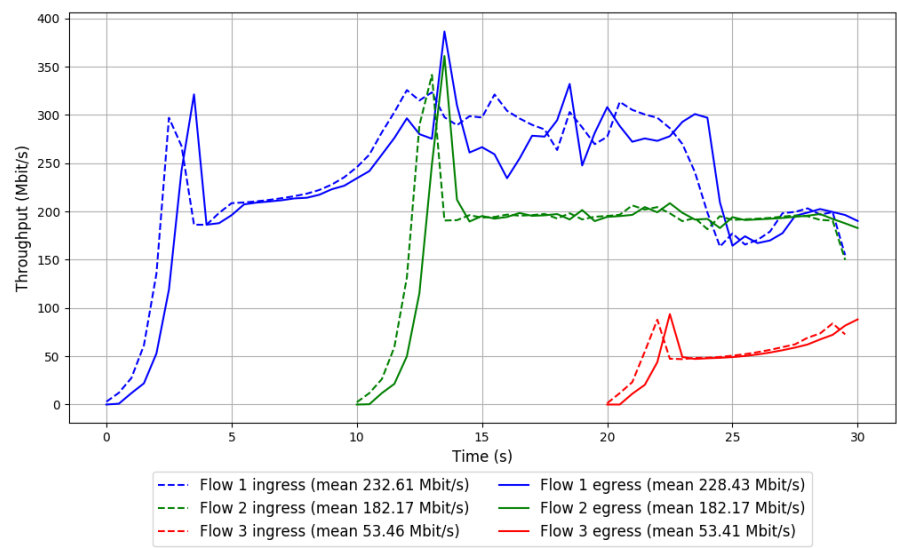


Run 8: Statistics of PCC-Expr

Start at: 2018-07-10 03:39:40
End at: 2018-07-10 03:40:10
Local clock offset: -0.217 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-10 07:12:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 367.10 Mbit/s
95th percentile per-packet one-way delay: 238.671 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 228.43 Mbit/s
95th percentile per-packet one-way delay: 242.641 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 182.17 Mbit/s
95th percentile per-packet one-way delay: 92.694 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 53.41 Mbit/s
95th percentile per-packet one-way delay: 87.170 ms
Loss rate: 0.04%

Run 8: Report of PCC-Expr — Data Link

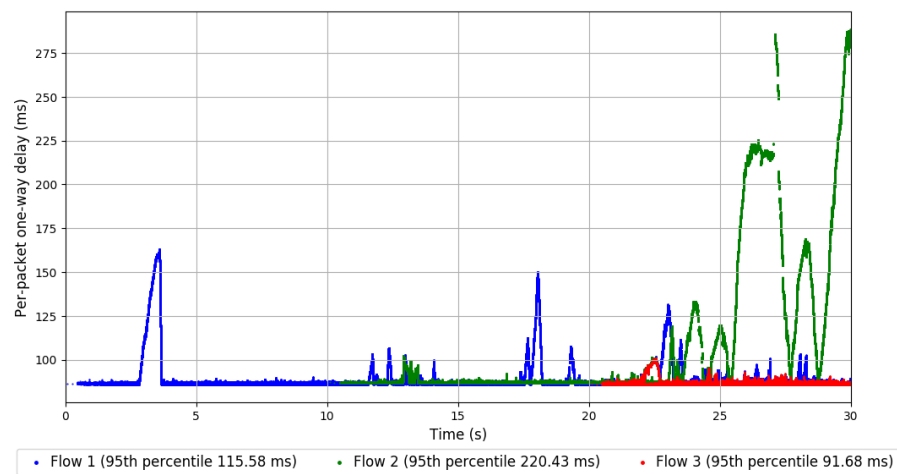
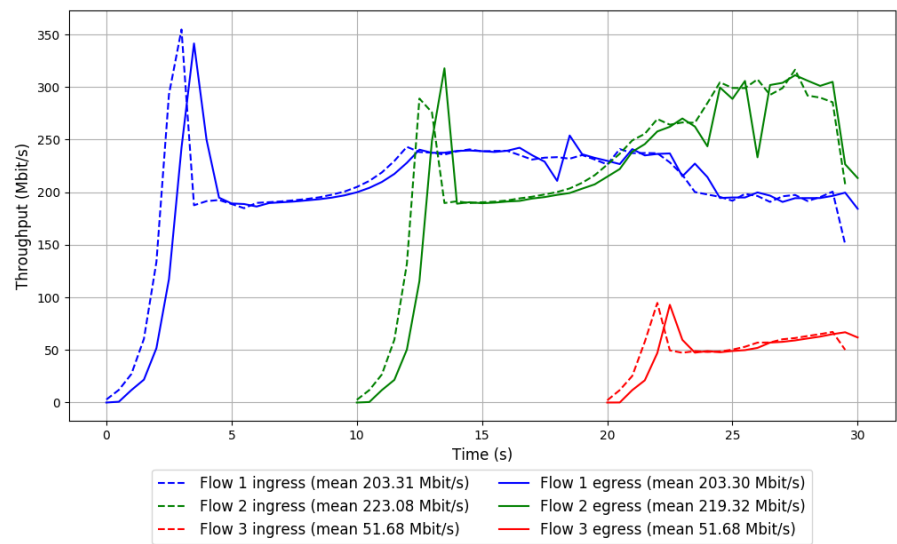


Run 9: Statistics of PCC-Expr

Start at: 2018-07-10 04:05:38
End at: 2018-07-10 04:06:08
Local clock offset: -0.127 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-10 07:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 366.18 Mbit/s
95th percentile per-packet one-way delay: 191.057 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 203.30 Mbit/s
95th percentile per-packet one-way delay: 115.581 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 219.32 Mbit/s
95th percentile per-packet one-way delay: 220.434 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 51.68 Mbit/s
95th percentile per-packet one-way delay: 91.684 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

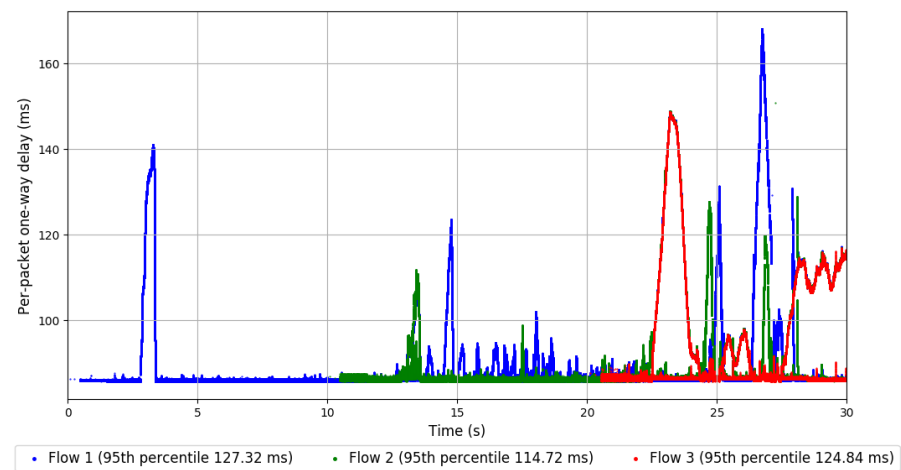
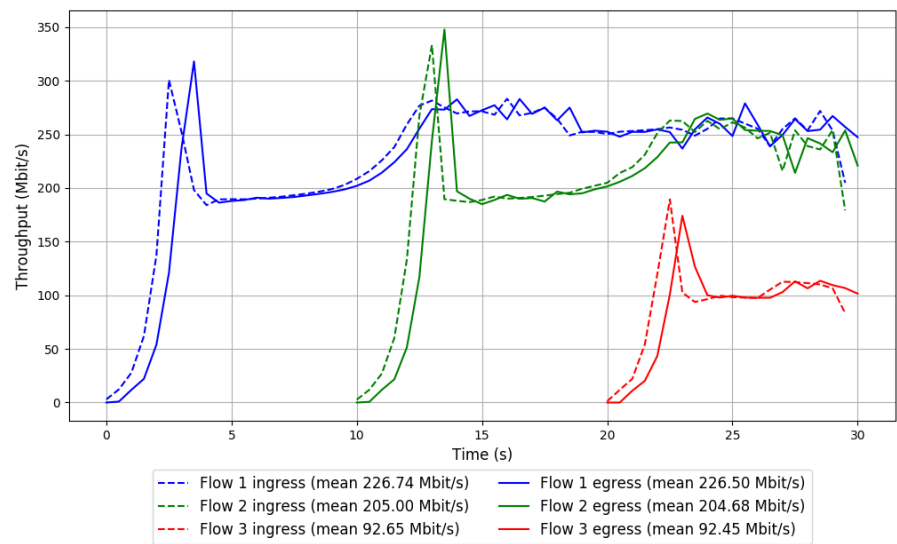


Run 10: Statistics of PCC-Expr

Start at: 2018-07-10 04:31:33
End at: 2018-07-10 04:32:03
Local clock offset: 0.023 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 393.09 Mbit/s
95th percentile per-packet one-way delay: 121.221 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 226.50 Mbit/s
95th percentile per-packet one-way delay: 127.321 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 204.68 Mbit/s
95th percentile per-packet one-way delay: 114.715 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 124.840 ms
Loss rate: 0.29%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-07-10 00:44:25

End at: 2018-07-10 00:44:55

Local clock offset: 0.08 ms

Remote clock offset: 0.019 ms

Below is generated by plot.py at 2018-07-10 07:17:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 32.24 Mbit/s

95th percentile per-packet one-way delay: 86.333 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 86.190 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 38.71 Mbit/s

95th percentile per-packet one-way delay: 86.342 ms

Loss rate: 0.00%

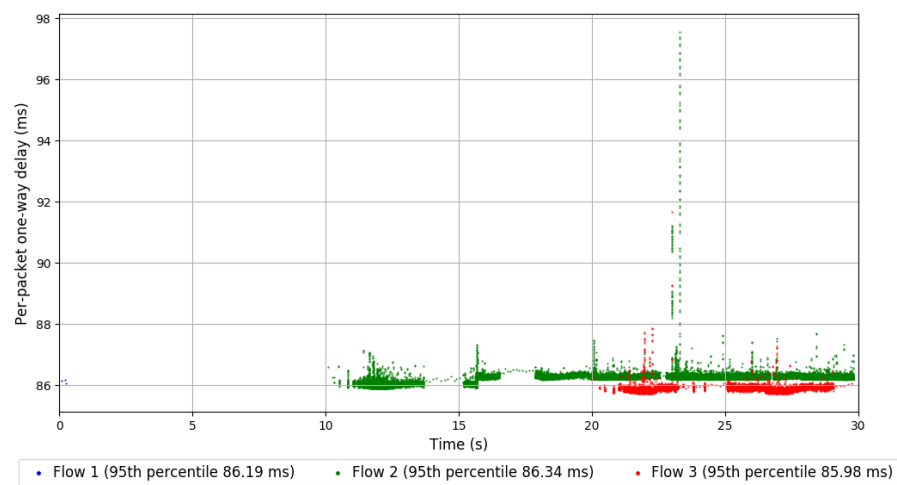
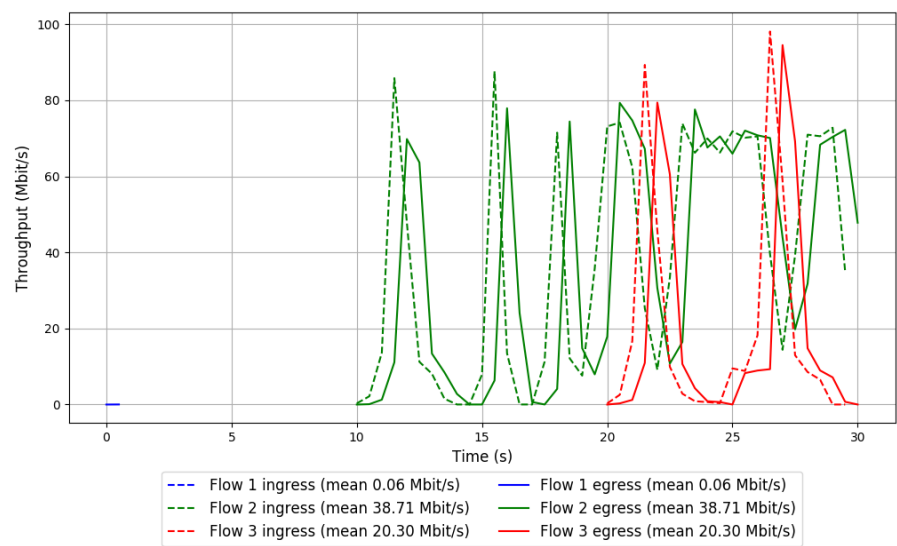
-- Flow 3:

Average throughput: 20.30 Mbit/s

95th percentile per-packet one-way delay: 85.981 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

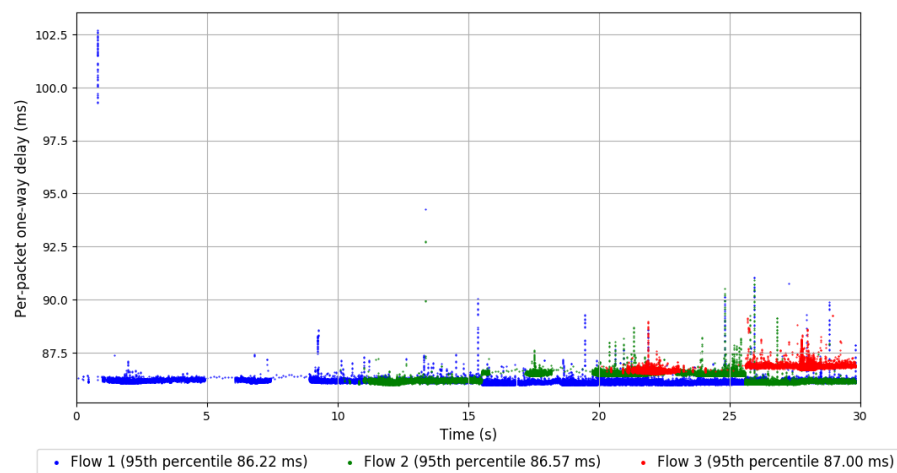
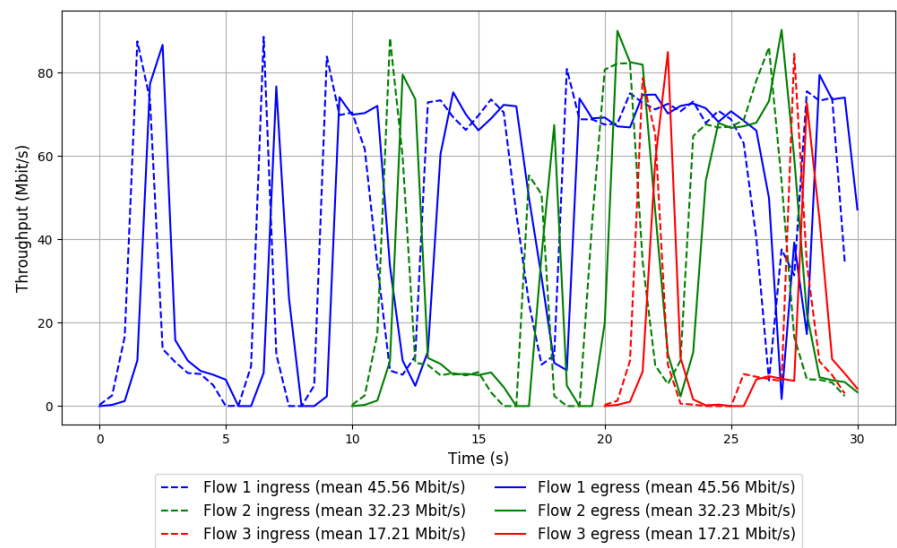


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-10 01:10:25
End at: 2018-07-10 01:10:55
Local clock offset: -0.169 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.55 Mbit/s
95th percentile per-packet one-way delay: 86.690 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.56 Mbit/s
95th percentile per-packet one-way delay: 86.217 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 86.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.21 Mbit/s
95th percentile per-packet one-way delay: 87.002 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-07-10 01:36:23

End at: 2018-07-10 01:36:53

Local clock offset: -0.014 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2018-07-10 07:17:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.52 Mbit/s

95th percentile per-packet one-way delay: 86.536 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 47.35 Mbit/s

95th percentile per-packet one-way delay: 86.152 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 36.20 Mbit/s

95th percentile per-packet one-way delay: 86.607 ms

Loss rate: 0.00%

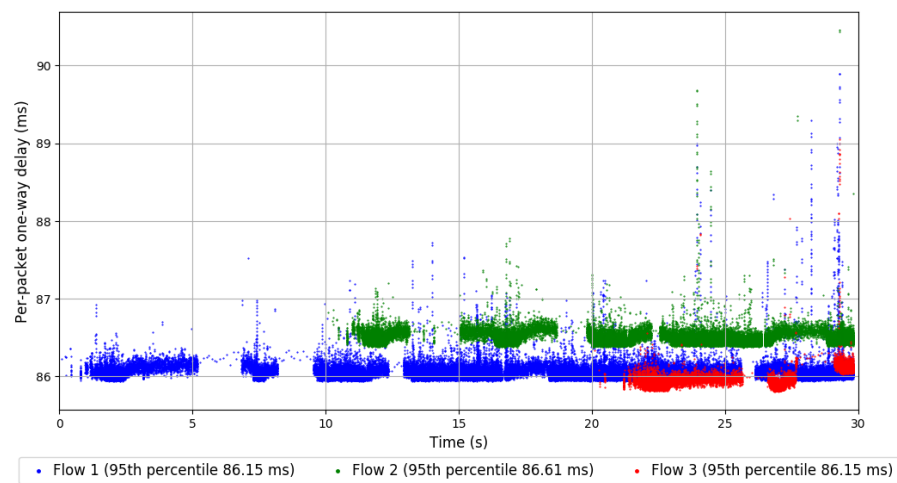
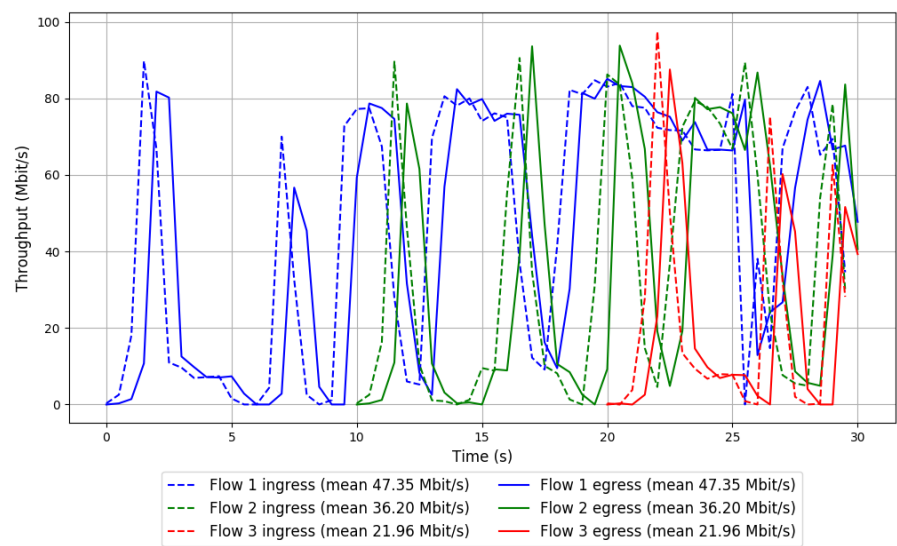
-- Flow 3:

Average throughput: 21.96 Mbit/s

95th percentile per-packet one-way delay: 86.154 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-07-10 02:02:27

End at: 2018-07-10 02:02:57

Local clock offset: 0.172 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-07-10 07:17:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.06 Mbit/s

95th percentile per-packet one-way delay: 86.018 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 49.42 Mbit/s

95th percentile per-packet one-way delay: 85.828 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 42.26 Mbit/s

95th percentile per-packet one-way delay: 86.065 ms

Loss rate: 0.00%

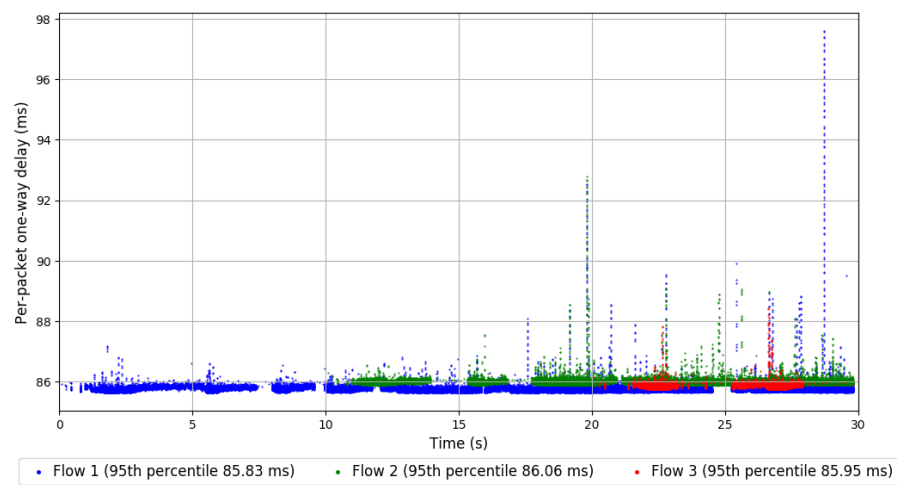
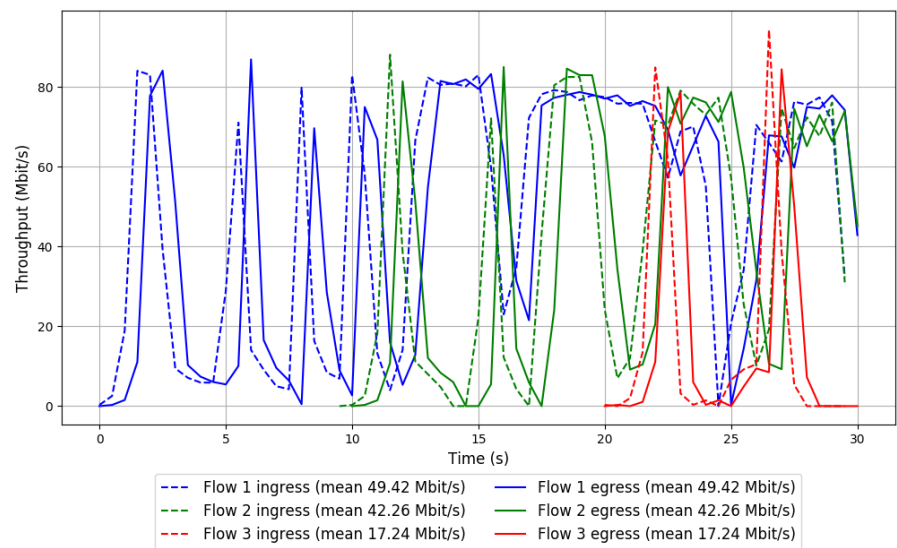
-- Flow 3:

Average throughput: 17.24 Mbit/s

95th percentile per-packet one-way delay: 85.948 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

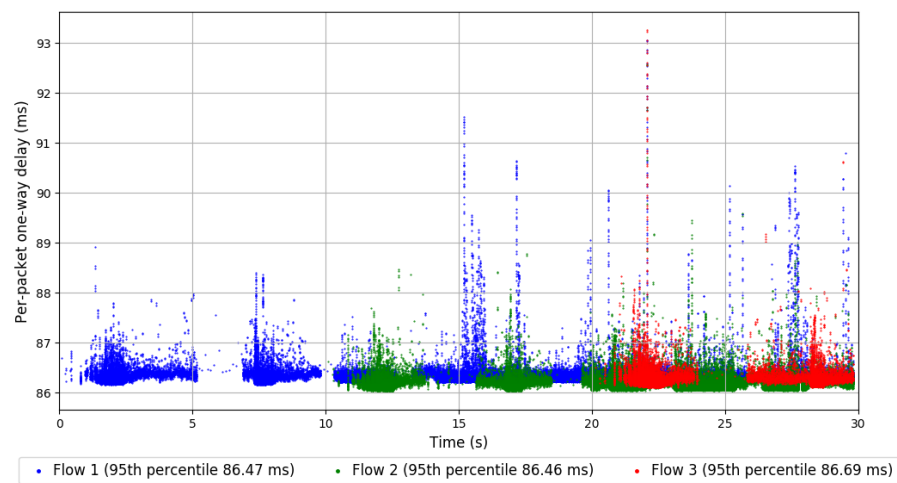
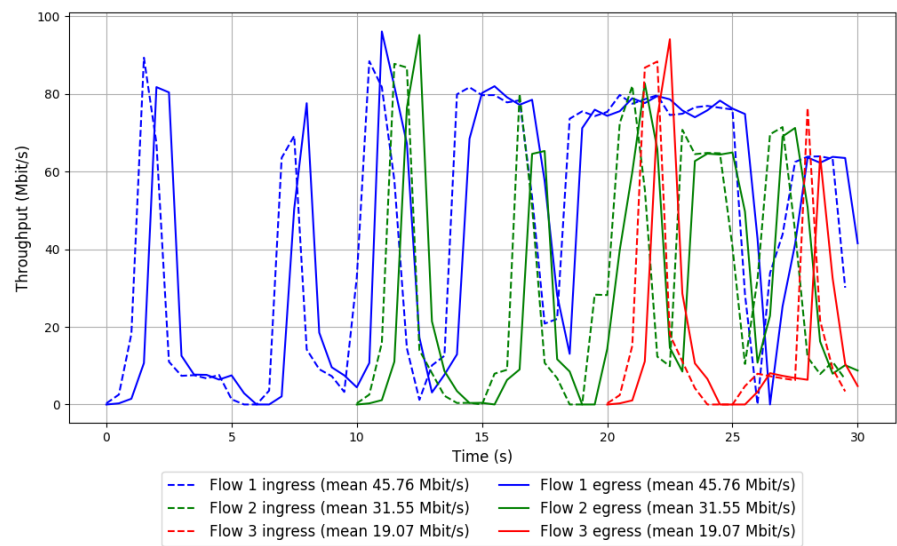


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-10 02:28:12
End at: 2018-07-10 02:28:42
Local clock offset: 0.153 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.90 Mbit/s
95th percentile per-packet one-way delay: 86.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.76 Mbit/s
95th percentile per-packet one-way delay: 86.469 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 86.460 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 19.07 Mbit/s
95th percentile per-packet one-way delay: 86.692 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

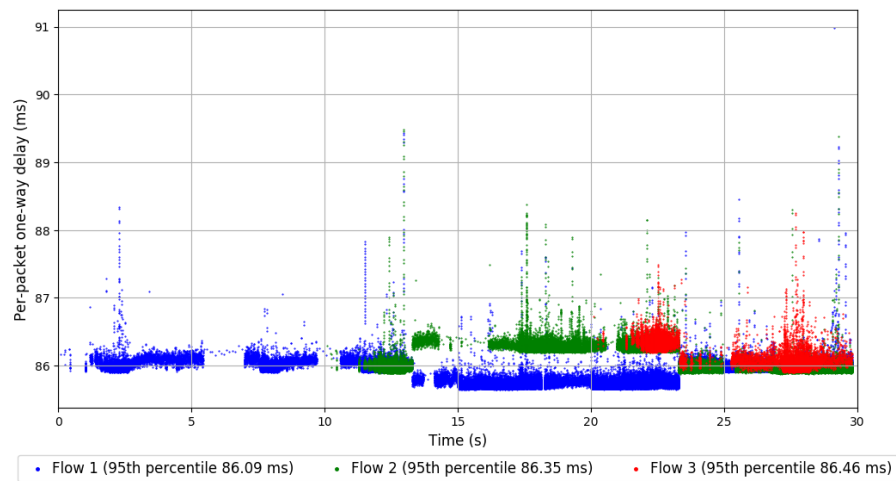
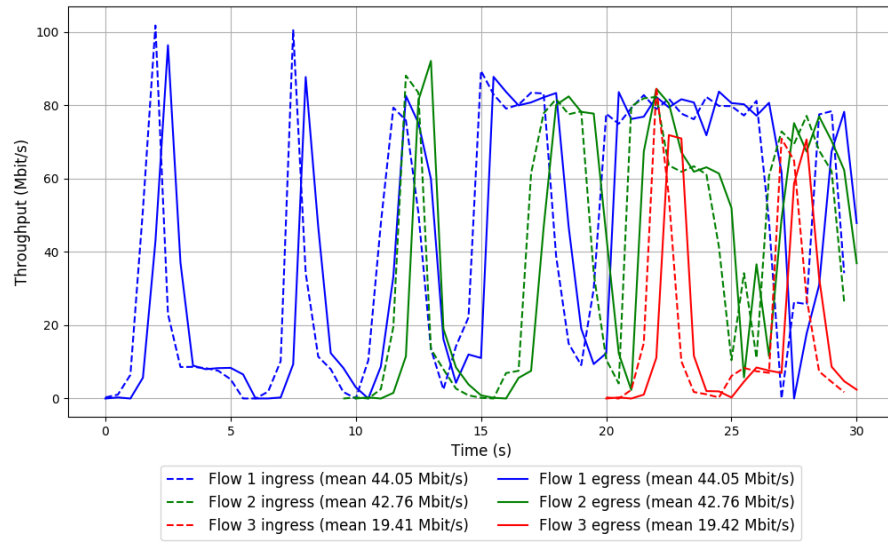


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-10 02:54:08
End at: 2018-07-10 02:54:38
Local clock offset: 0.173 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.76 Mbit/s
95th percentile per-packet one-way delay: 86.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 86.086 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 86.352 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.42 Mbit/s
95th percentile per-packet one-way delay: 86.461 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

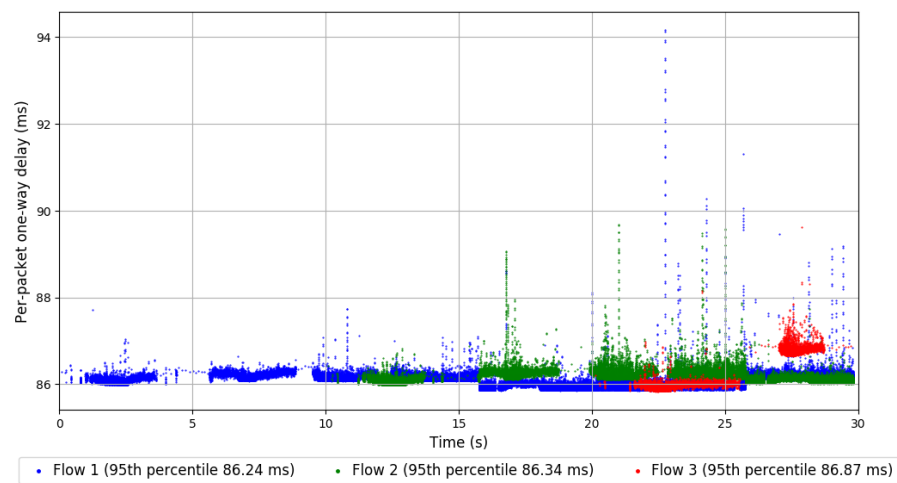
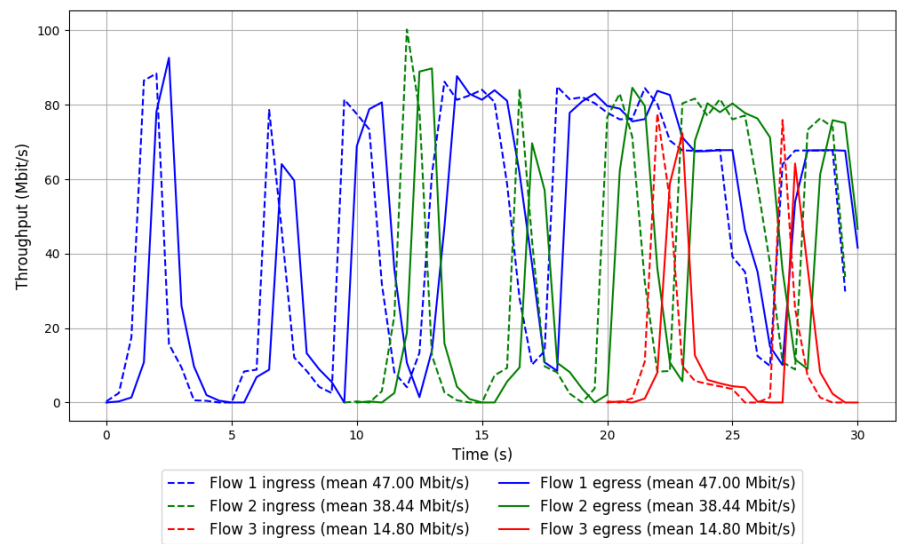


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-10 03:20:05
End at: 2018-07-10 03:20:35
Local clock offset: -0.056 ms
Remote clock offset: -0.056 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.29 Mbit/s
95th percentile per-packet one-way delay: 86.329 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.00 Mbit/s
95th percentile per-packet one-way delay: 86.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.44 Mbit/s
95th percentile per-packet one-way delay: 86.337 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.80 Mbit/s
95th percentile per-packet one-way delay: 86.866 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

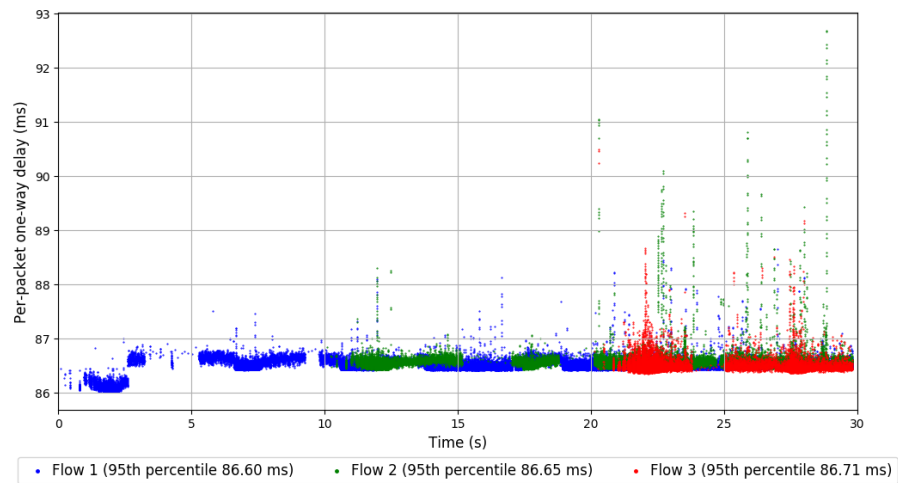
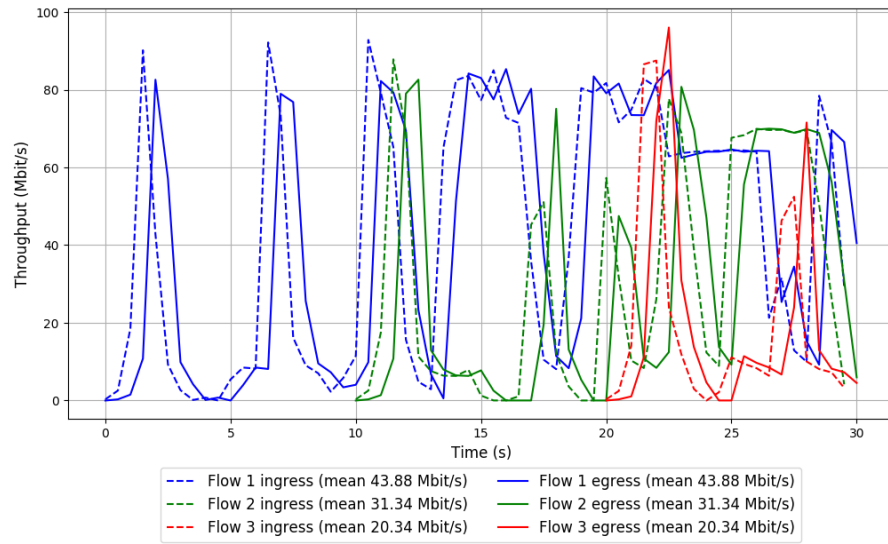


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-10 03:45:58
End at: 2018-07-10 03:46:28
Local clock offset: -0.113 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.31 Mbit/s
95th percentile per-packet one-way delay: 86.626 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.88 Mbit/s
95th percentile per-packet one-way delay: 86.602 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.34 Mbit/s
95th percentile per-packet one-way delay: 86.650 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.34 Mbit/s
95th percentile per-packet one-way delay: 86.711 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

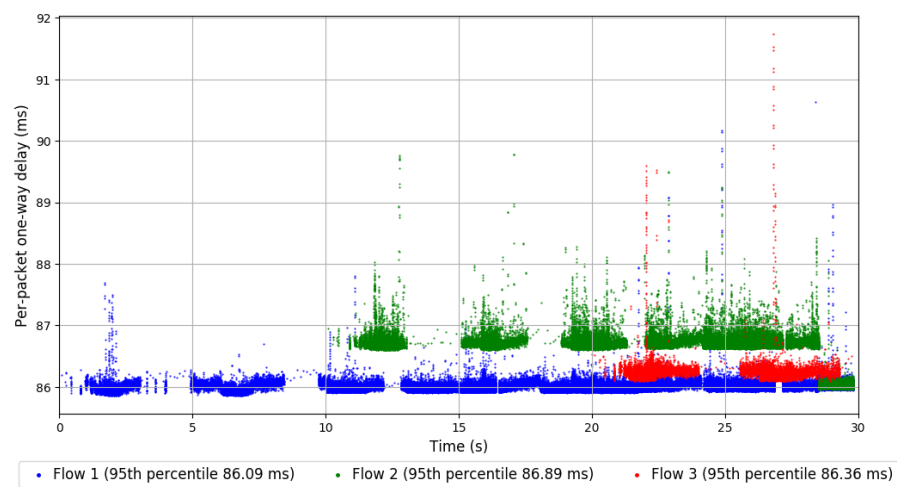
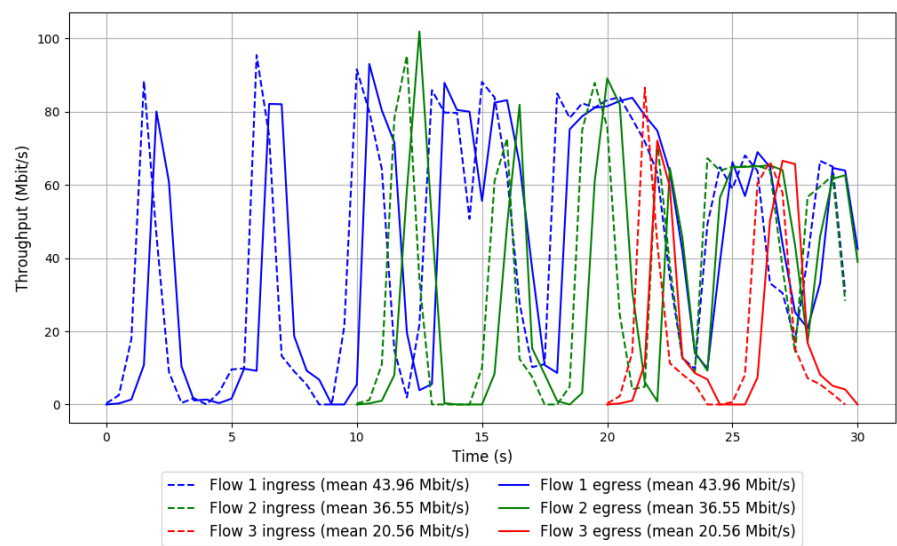


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-10 04:11:52
End at: 2018-07-10 04:12:22
Local clock offset: -0.09 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.87 Mbit/s
95th percentile per-packet one-way delay: 86.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 86.091 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.55 Mbit/s
95th percentile per-packet one-way delay: 86.885 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.56 Mbit/s
95th percentile per-packet one-way delay: 86.355 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

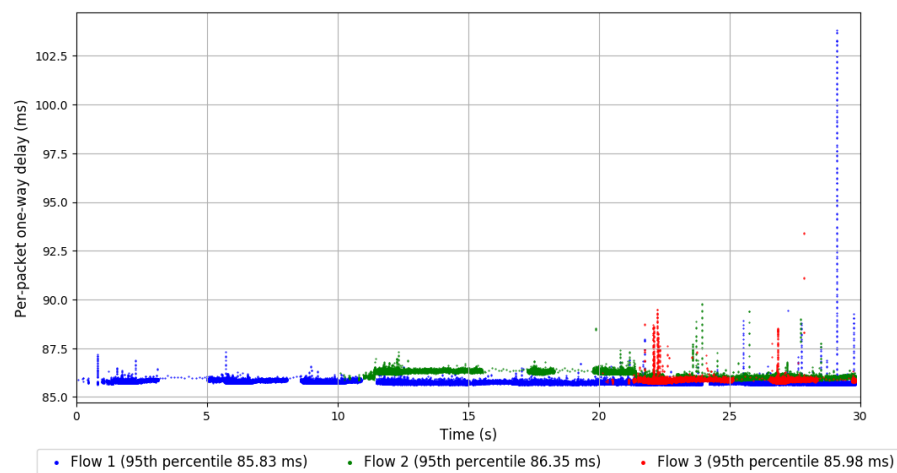
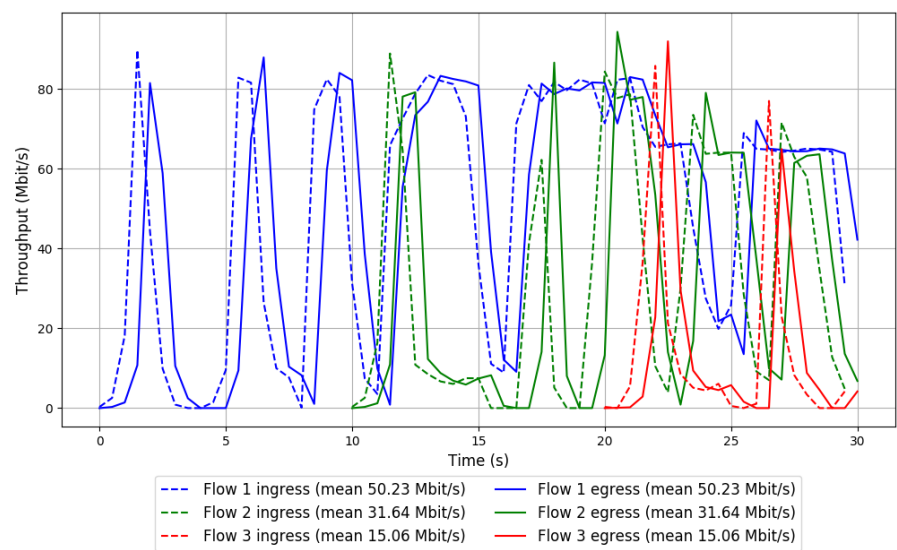


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-10 04:37:50
End at: 2018-07-10 04:38:20
Local clock offset: 0.163 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.11 Mbit/s
95th percentile per-packet one-way delay: 86.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 85.827 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.64 Mbit/s
95th percentile per-packet one-way delay: 86.349 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.06 Mbit/s
95th percentile per-packet one-way delay: 85.982 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

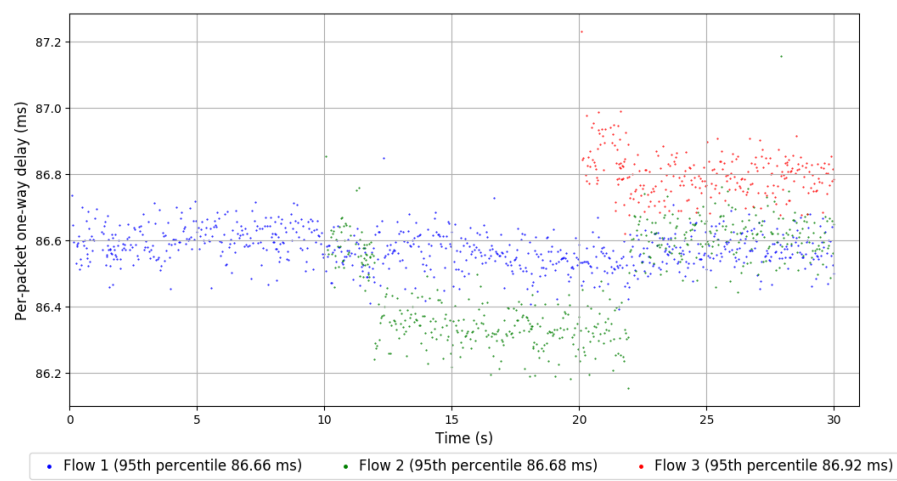
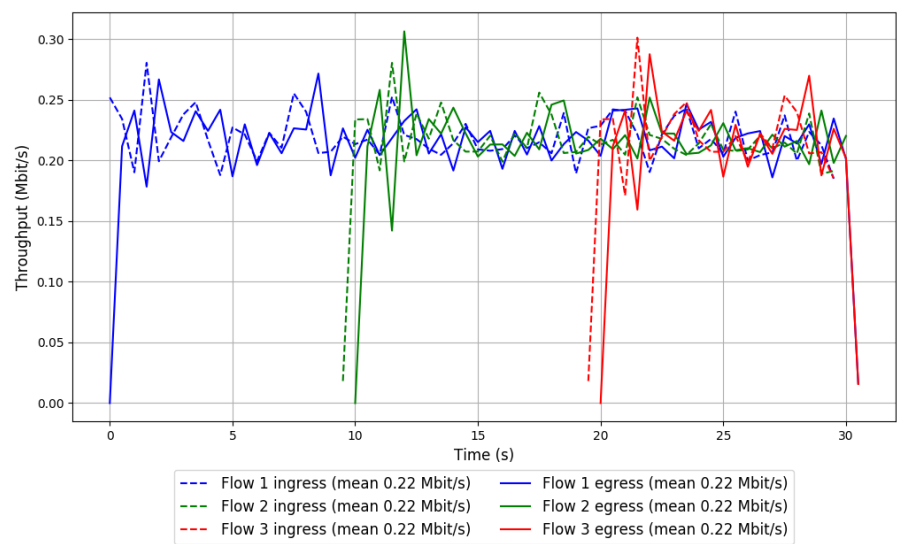


```
Run 1: Statistics of SReAM

Start at: 2018-07-10 00:41:29
End at: 2018-07-10 00:41:59
Local clock offset: -0.178 ms
Remote clock offset: 0.047 ms

# Below is generated by plot.py at 2018-07-10 07:17:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.831 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.664 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.676 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.922 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

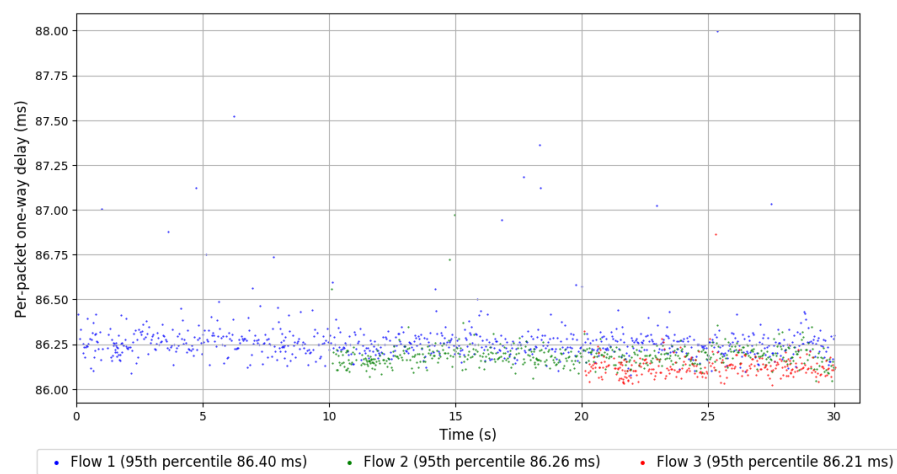
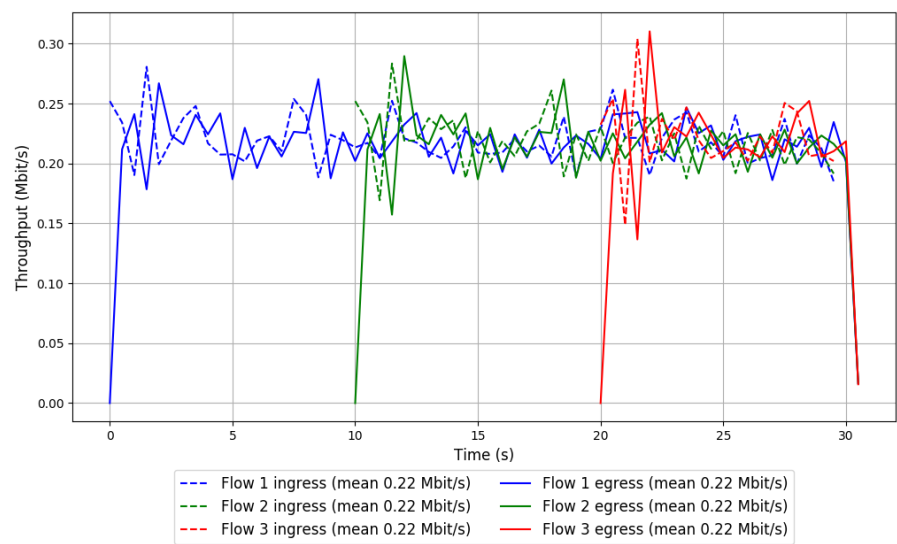


Run 2: Statistics of SReAM

Start at: 2018-07-10 01:07:32
End at: 2018-07-10 01:08:02
Local clock offset: -0.044 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.404 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.261 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.211 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

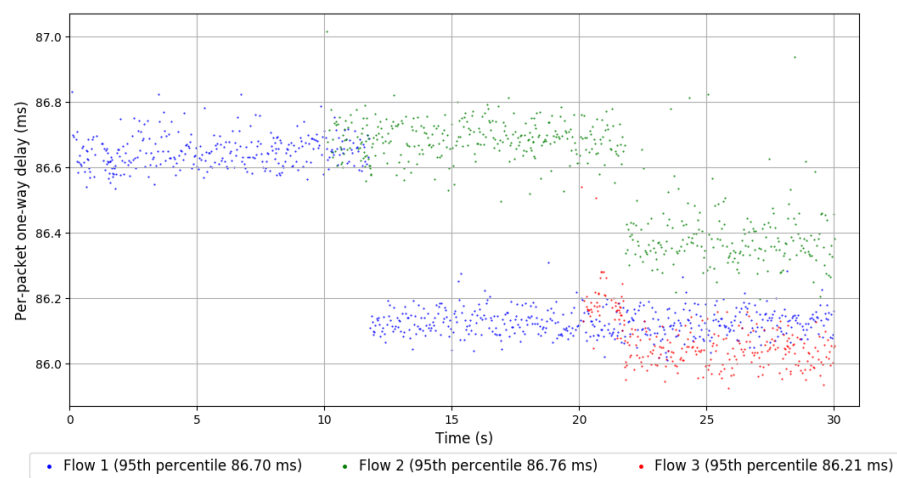
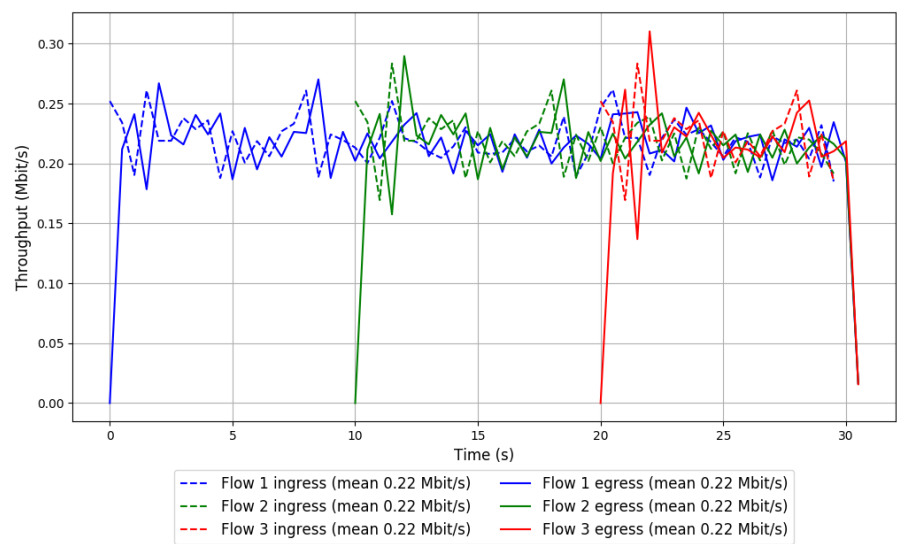


Run 3: Statistics of SReAM

Start at: 2018-07-10 01:33:29
End at: 2018-07-10 01:33:59
Local clock offset: -0.068 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.738 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.699 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.761 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.207 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

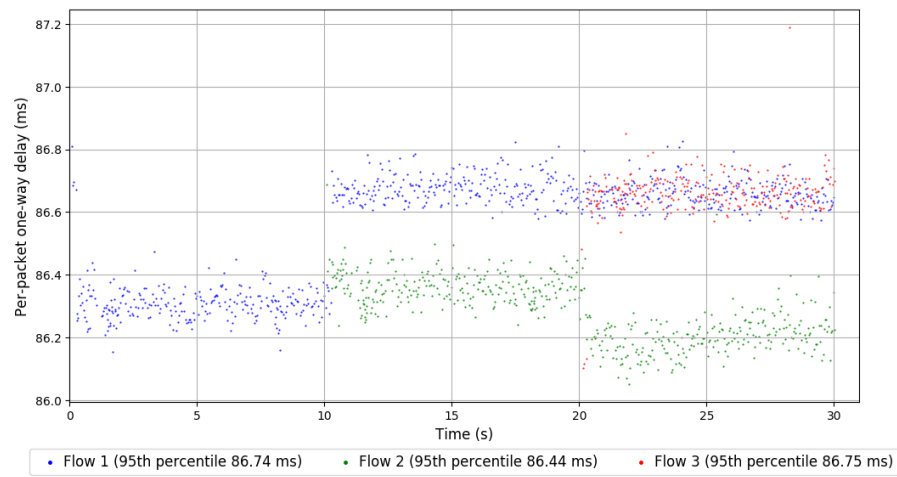
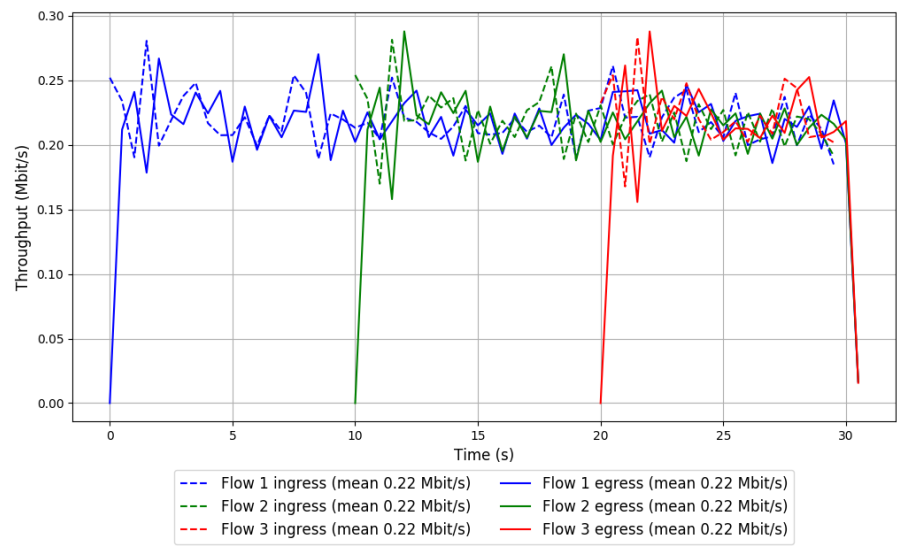


Run 4: Statistics of SReAM

Start at: 2018-07-10 01:59:31
End at: 2018-07-10 02:00:01
Local clock offset: -0.081 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.727 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.737 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.436 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.747 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SReAM

Start at: 2018-07-10 02:25:17

End at: 2018-07-10 02:25:47

Local clock offset: -0.064 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2018-07-10 07:17:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 87.002 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.730 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 87.158 ms

Loss rate: 0.00%

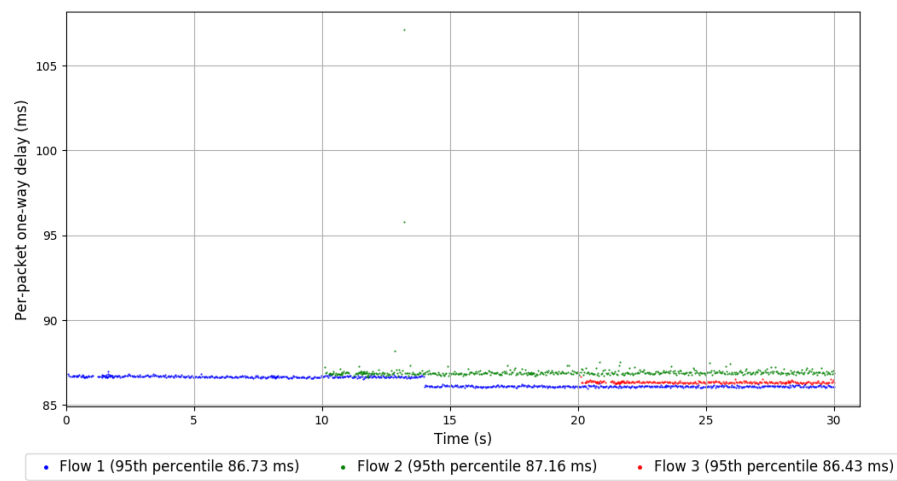
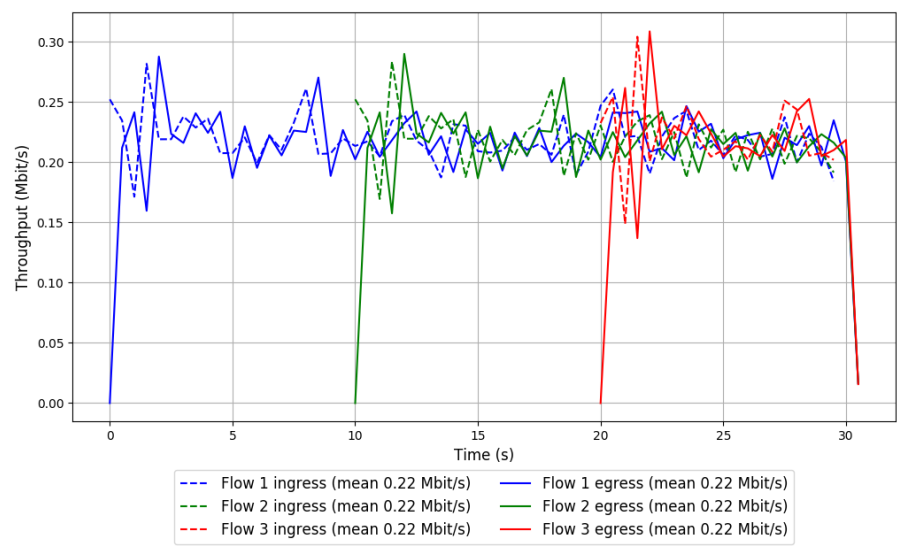
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.427 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

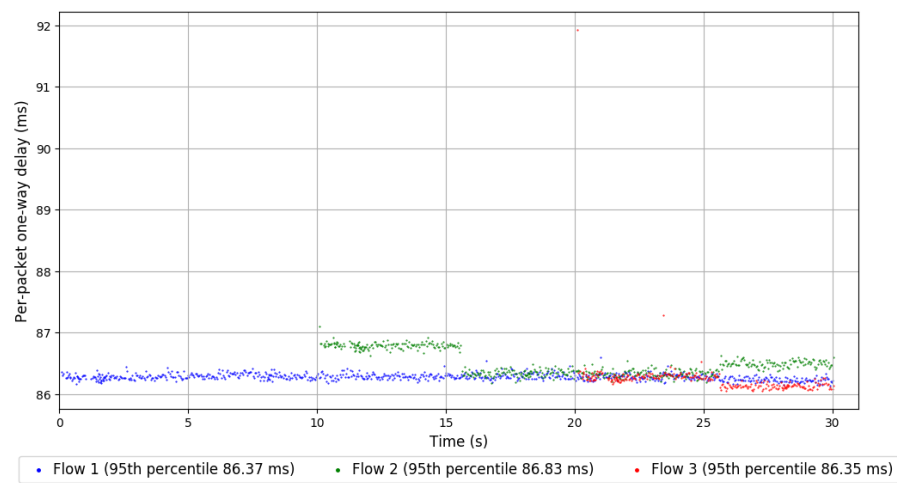
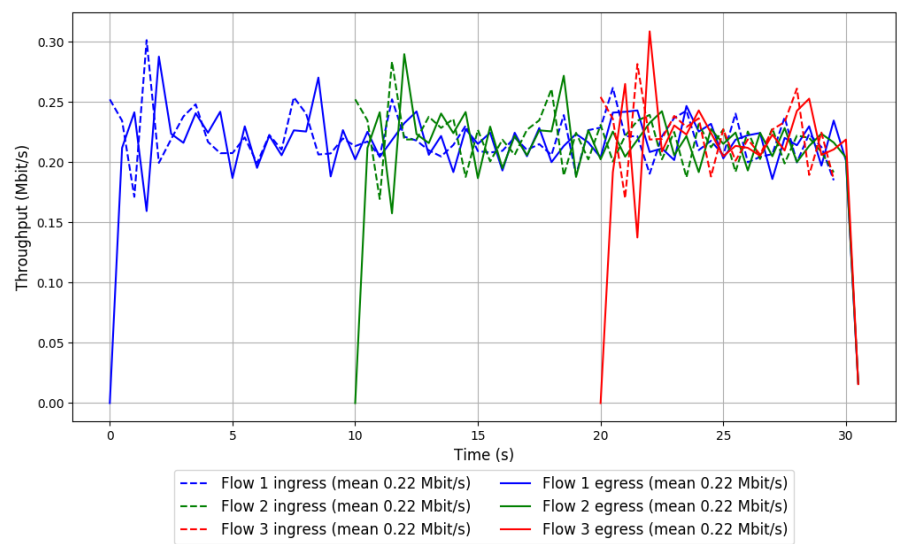


Run 6: Statistics of SReAM

Start at: 2018-07-10 02:51:16
End at: 2018-07-10 02:51:46
Local clock offset: -0.147 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.795 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.369 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.826 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.352 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

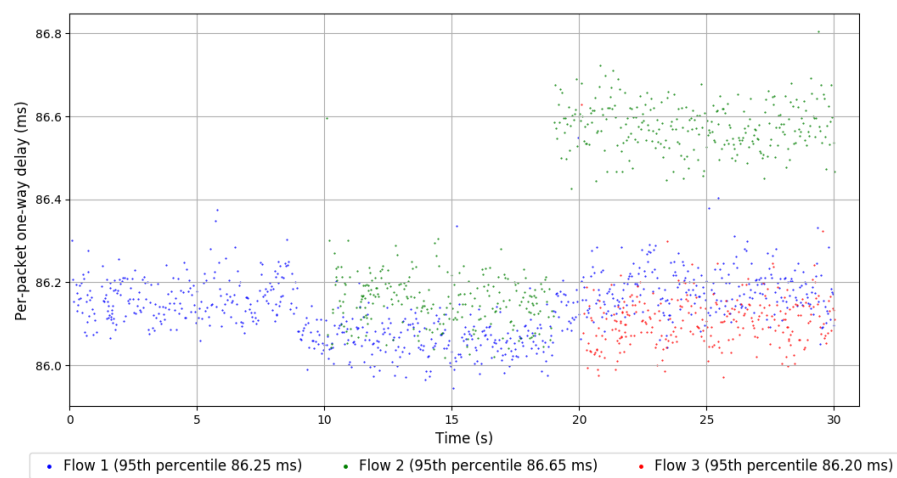
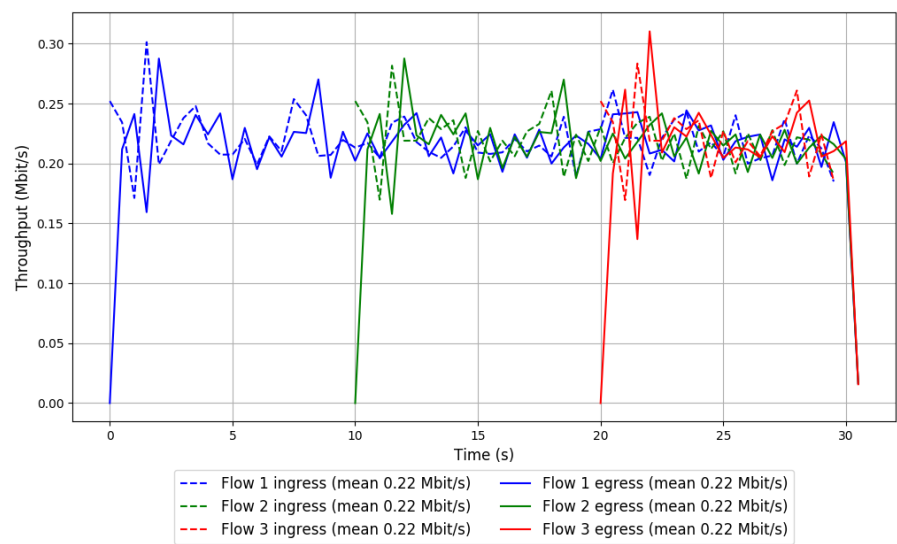


Run 7: Statistics of SReAM

Start at: 2018-07-10 03:17:12
End at: 2018-07-10 03:17:42
Local clock offset: 0.001 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.608 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.249 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.649 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.201 ms
Loss rate: 0.00%

Run 7: Report of SCReAM — Data Link

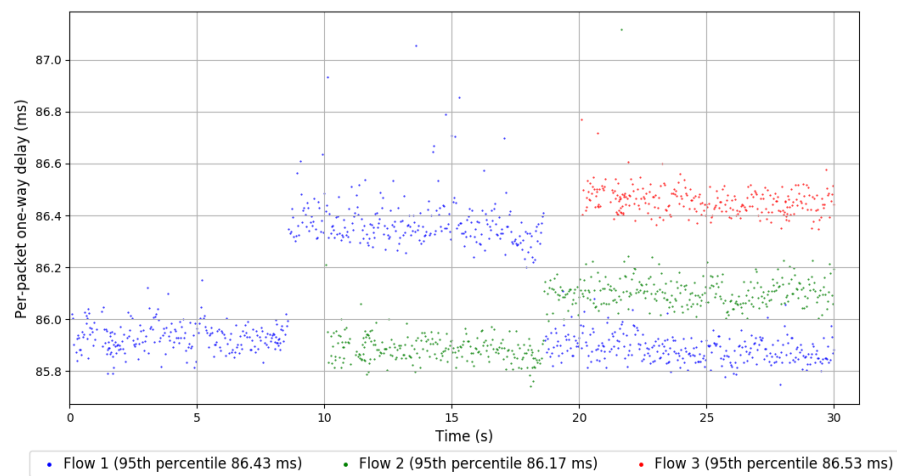
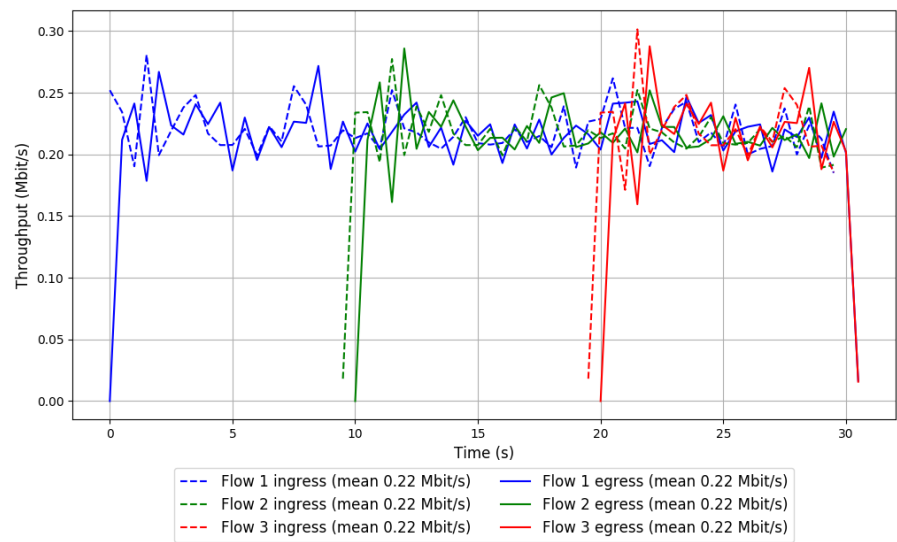


Run 8: Statistics of SReAM

Start at: 2018-07-10 03:43:03
End at: 2018-07-10 03:43:33
Local clock offset: 0.132 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.490 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.429 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.172 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.528 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

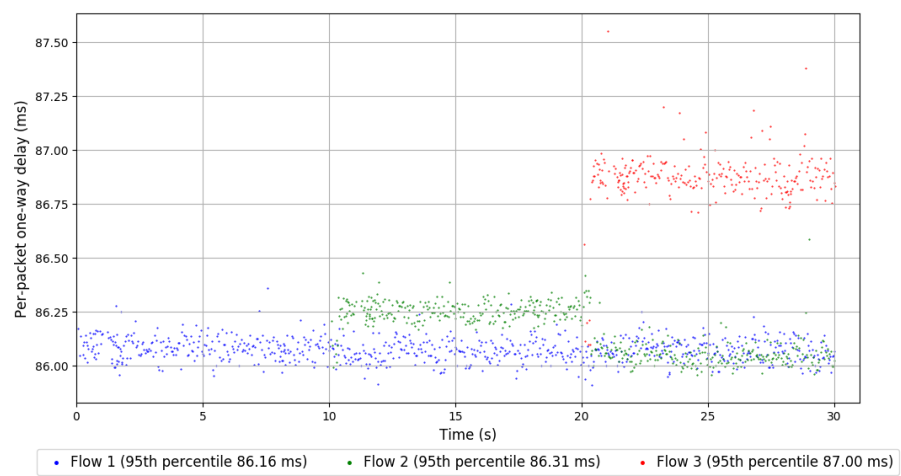
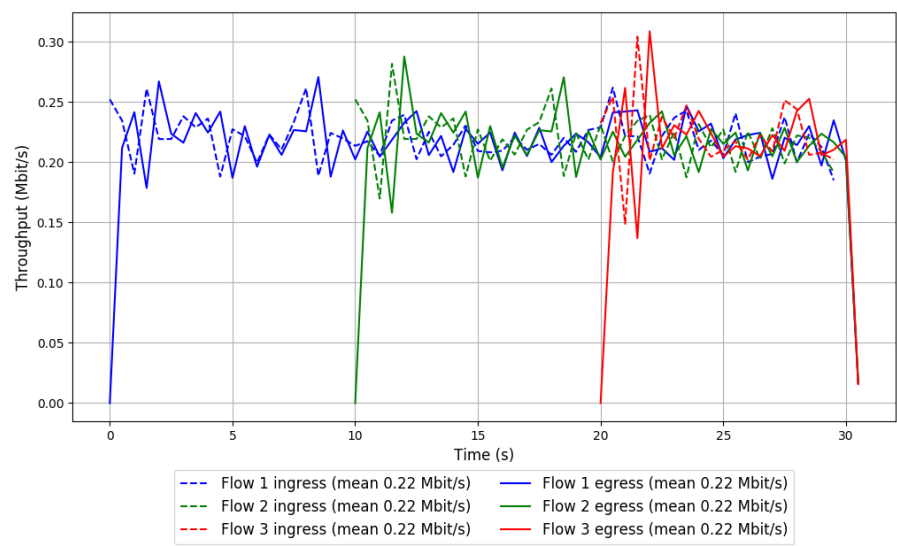


Run 9: Statistics of SReAM

Start at: 2018-07-10 04:09:01
End at: 2018-07-10 04:09:31
Local clock offset: -0.051 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.155 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.309 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 87.003 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

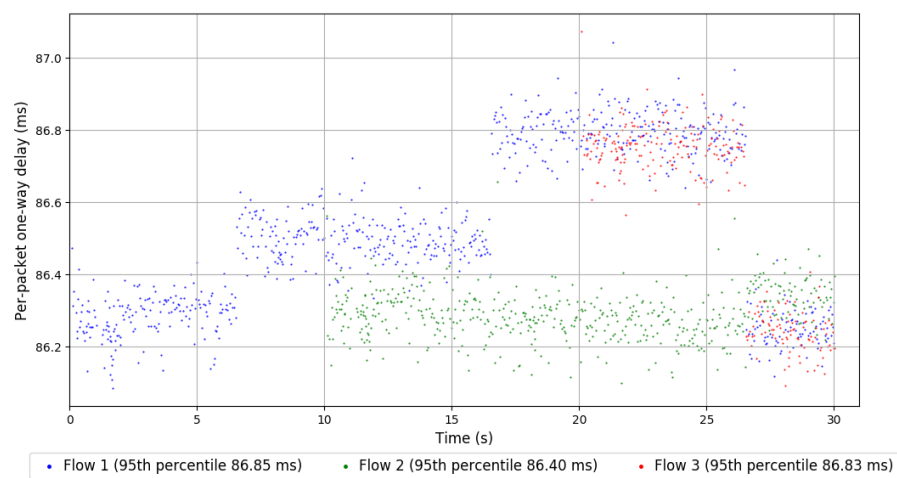
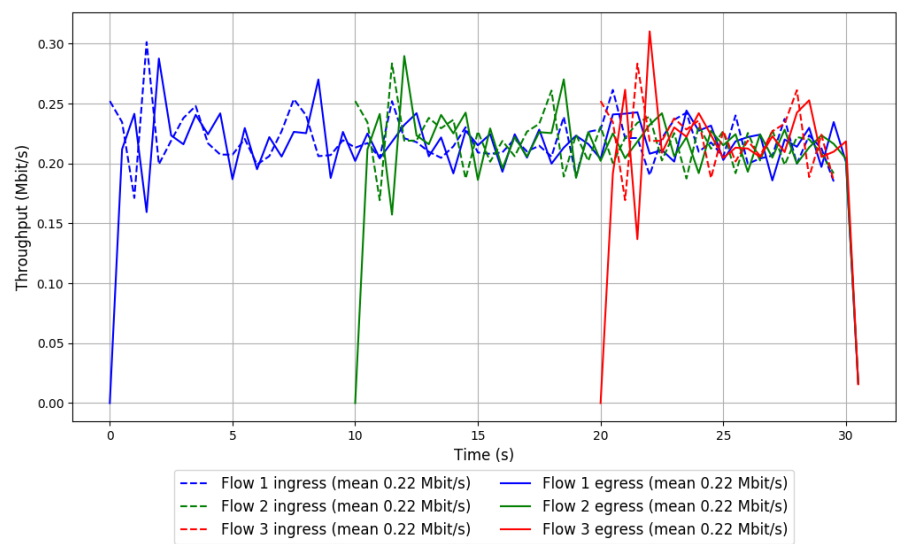


Run 10: Statistics of SReAM

Start at: 2018-07-10 04:34:55
End at: 2018-07-10 04:35:25
Local clock offset: -0.154 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-07-10 07:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.831 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.850 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.396 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.835 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-07-10 00:58:02

End at: 2018-07-10 00:58:32

Local clock offset: 0.226 ms

Remote clock offset: 0.024 ms

Below is generated by plot.py at 2018-07-10 07:17:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 86.252 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.27 Mbit/s

95th percentile per-packet one-way delay: 86.272 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.23 Mbit/s

95th percentile per-packet one-way delay: 86.027 ms

Loss rate: 0.00%

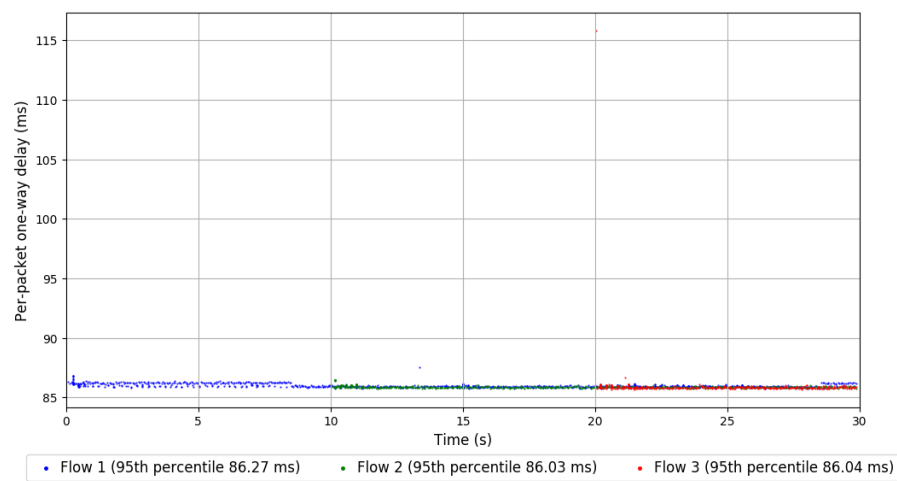
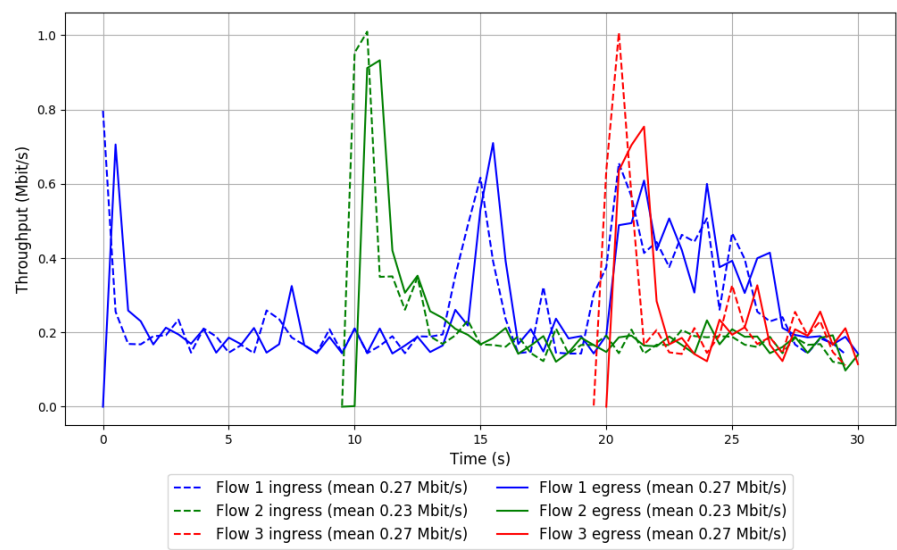
-- Flow 3:

Average throughput: 0.27 Mbit/s

95th percentile per-packet one-way delay: 86.042 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-07-10 01:23:56

End at: 2018-07-10 01:24:26

Local clock offset: -0.169 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2018-07-10 07:17:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.67 Mbit/s

95th percentile per-packet one-way delay: 86.931 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 86.921 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 86.844 ms

Loss rate: 0.00%

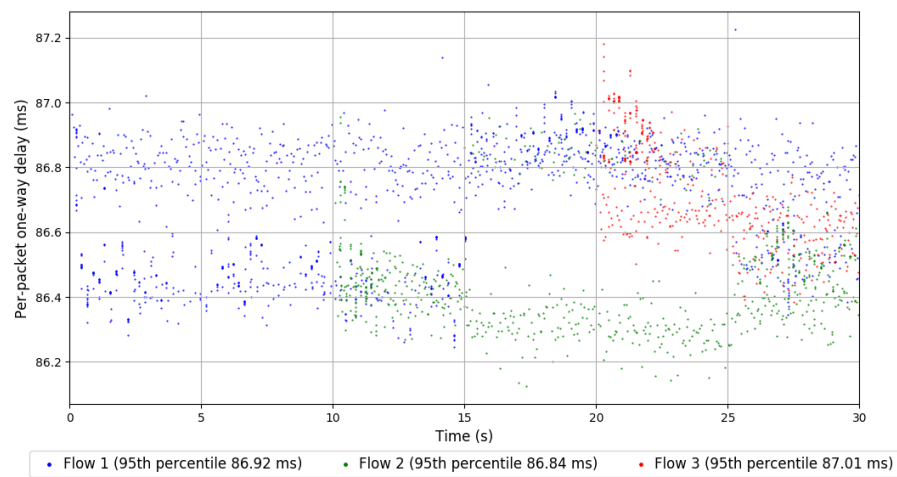
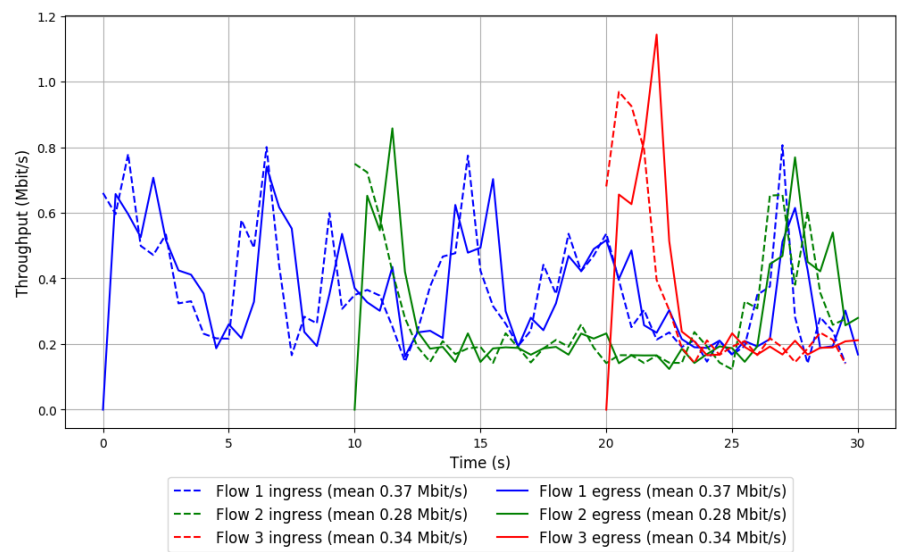
-- Flow 3:

Average throughput: 0.34 Mbit/s

95th percentile per-packet one-way delay: 87.012 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

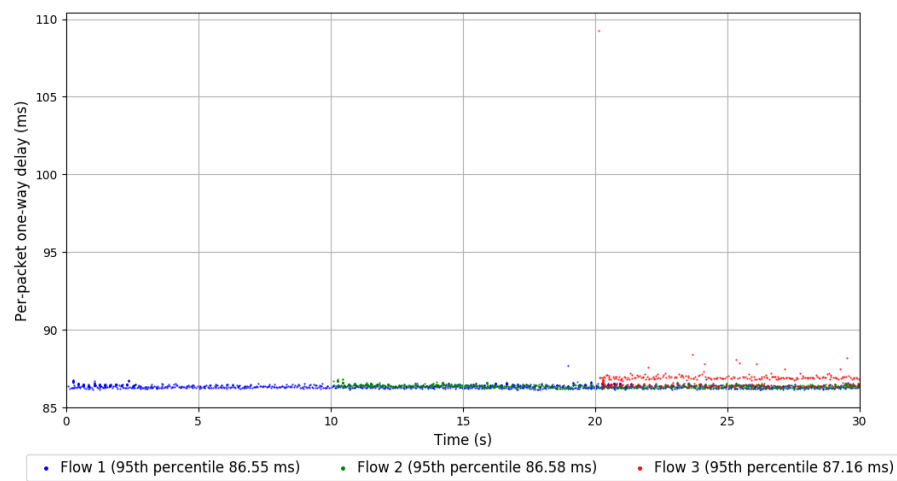
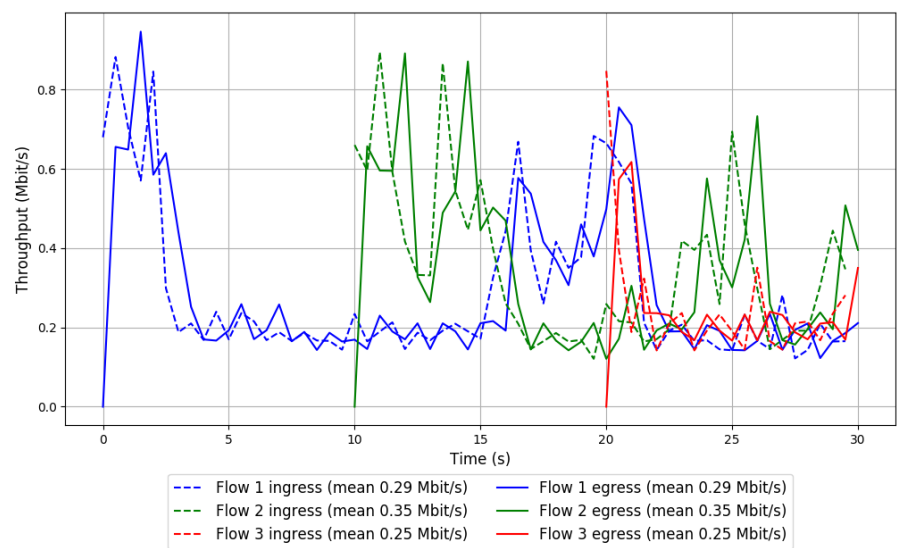


Run 3: Statistics of Sprout

Start at: 2018-07-10 01:50:03
End at: 2018-07-10 01:50:33
Local clock offset: -0.056 ms
Remote clock offset: -0.015 ms

```
# Below is generated by plot.py at 2018-07-10 07:17:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 86.924 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 86.552 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 86.583 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 87.158 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

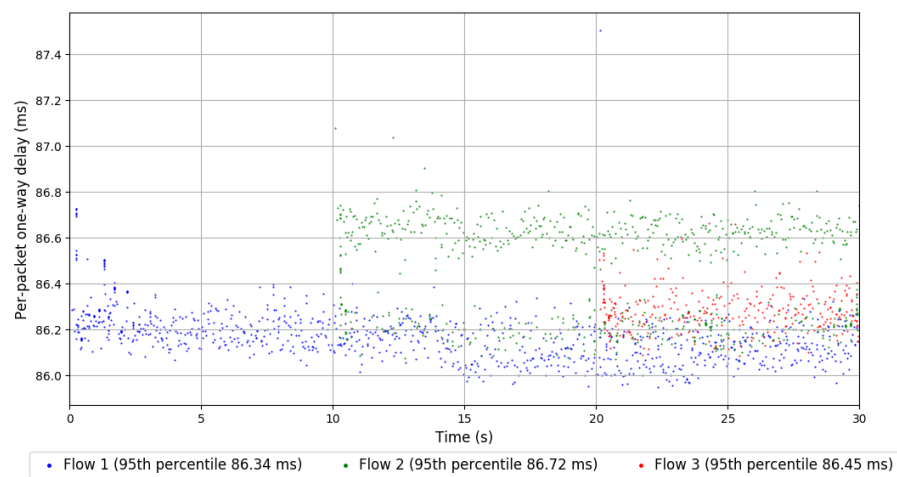
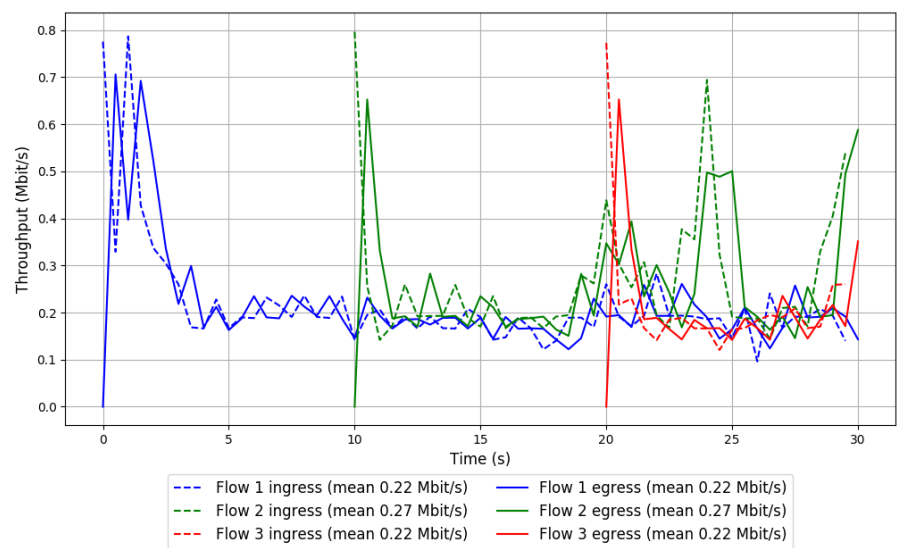


Run 4: Statistics of Sprout

Start at: 2018-07-10 02:15:47
End at: 2018-07-10 02:16:17
Local clock offset: -0.066 ms
Remote clock offset: -0.029 ms

```
# Below is generated by plot.py at 2018-07-10 07:17:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 86.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.343 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 86.716 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.451 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

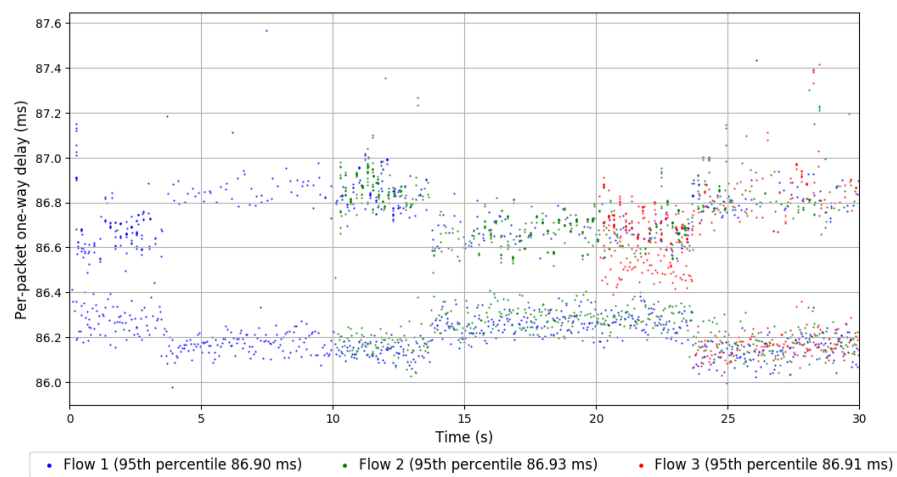
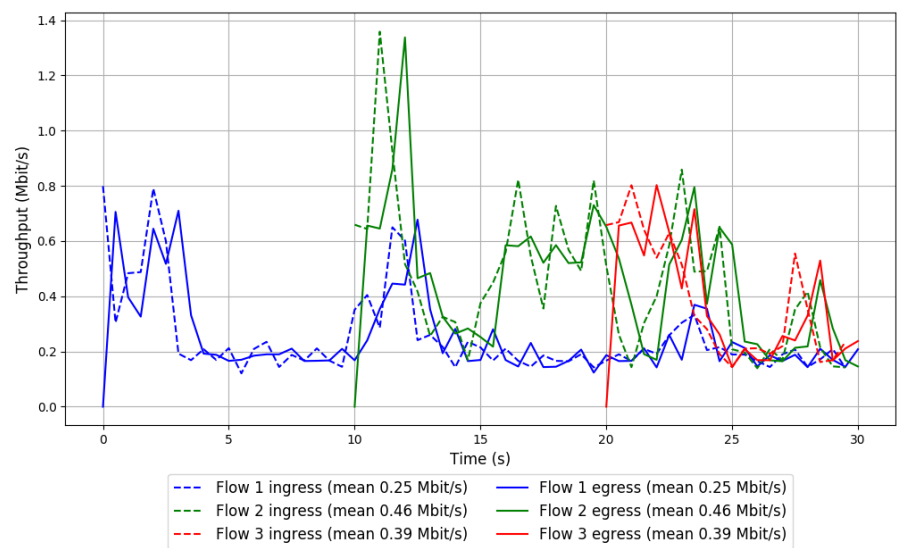


Run 5: Statistics of Sprout

Start at: 2018-07-10 02:41:47
End at: 2018-07-10 02:42:17
Local clock offset: 0.014 ms
Remote clock offset: -0.015 ms

```
# Below is generated by plot.py at 2018-07-10 07:17:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 86.919 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 86.898 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 86.934 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 86.908 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

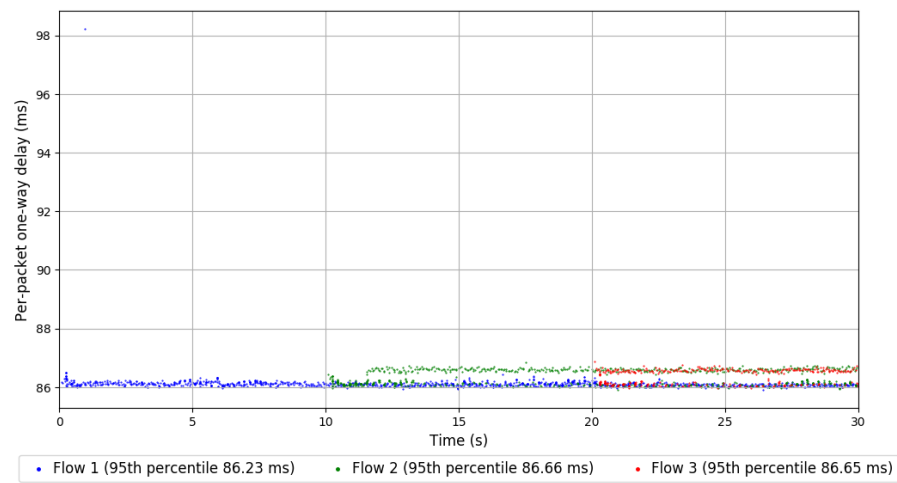
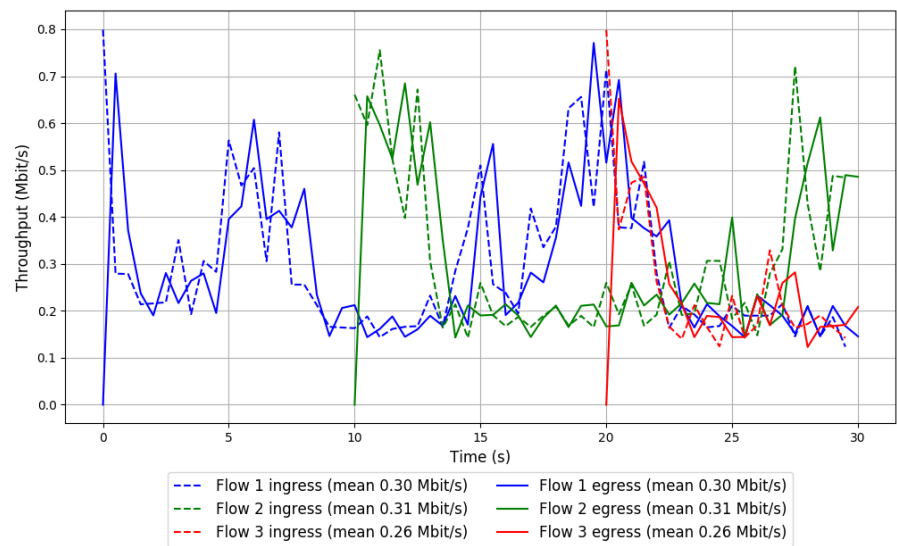


Run 6: Statistics of Sprout

Start at: 2018-07-10 03:07:40
End at: 2018-07-10 03:08:10
Local clock offset: -0.03 ms
Remote clock offset: -0.069 ms

```
# Below is generated by plot.py at 2018-07-10 07:17:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 86.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 86.235 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 86.662 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 86.651 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

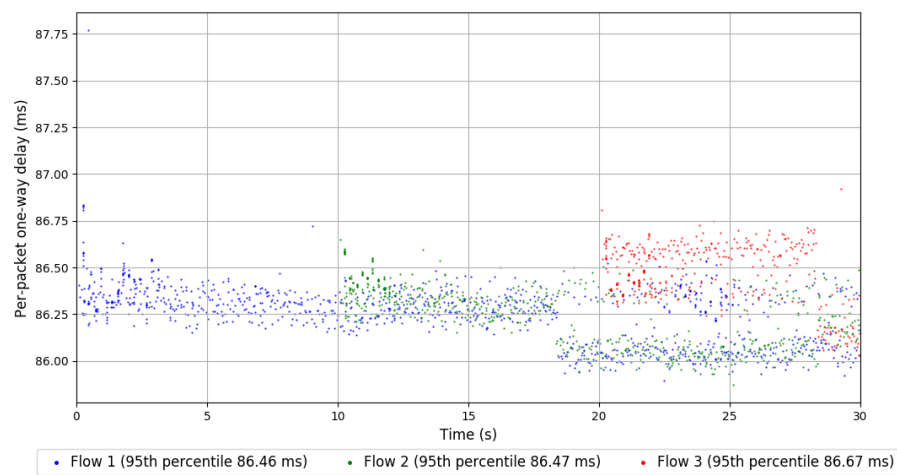
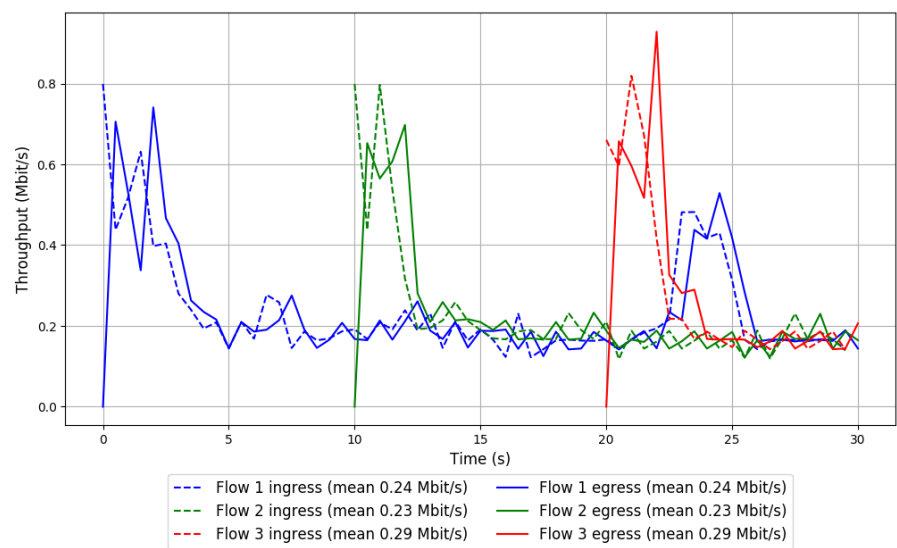


Run 7: Statistics of Sprout

Start at: 2018-07-10 03:33:33
End at: 2018-07-10 03:34:03
Local clock offset: -0.036 ms
Remote clock offset: -0.083 ms

```
# Below is generated by plot.py at 2018-07-10 07:17:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 86.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 86.460 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 86.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 86.668 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link

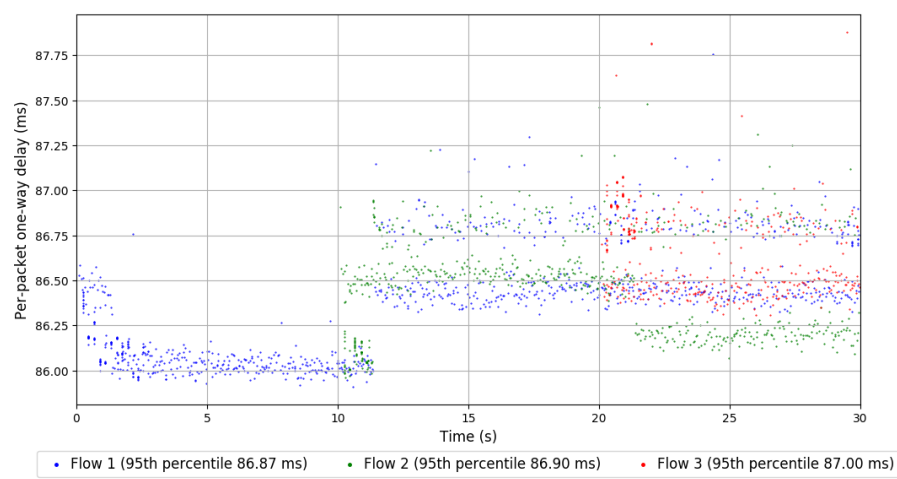
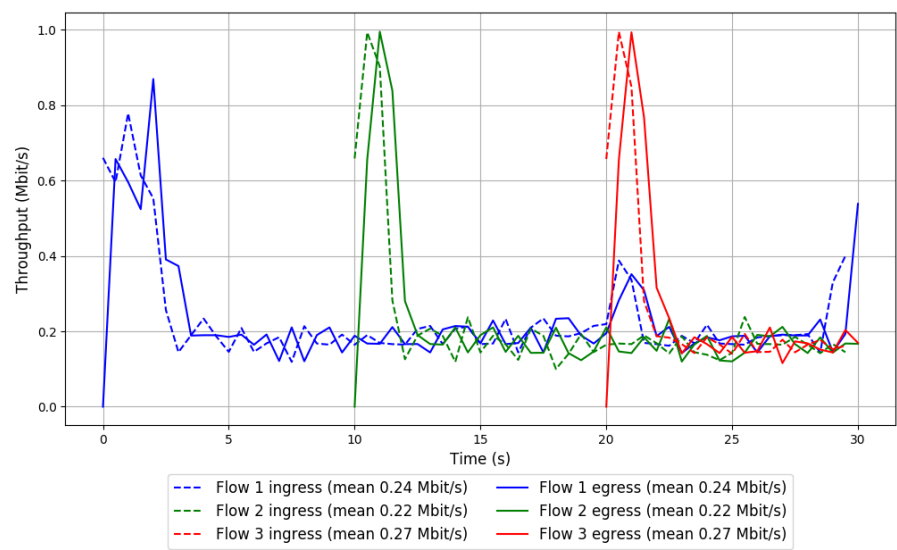


Run 8: Statistics of Sprout

Start at: 2018-07-10 03:59:30
End at: 2018-07-10 04:00:00
Local clock offset: 0.0 ms
Remote clock offset: -0.082 ms

```
# Below is generated by plot.py at 2018-07-10 07:17:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 86.915 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 86.869 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.900 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 86.997 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

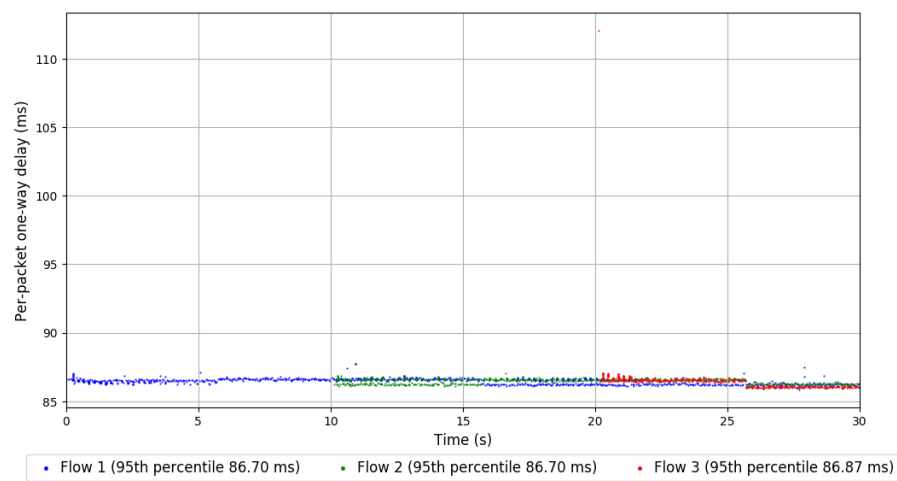
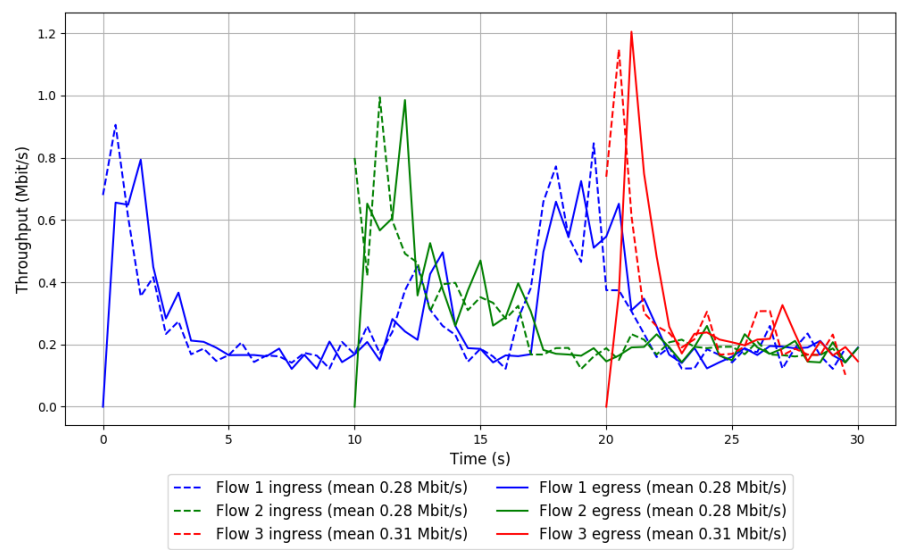


Run 9: Statistics of Sprout

Start at: 2018-07-10 04:25:25
End at: 2018-07-10 04:25:55
Local clock offset: 0.056 ms
Remote clock offset: -0.039 ms

```
# Below is generated by plot.py at 2018-07-10 07:17:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 86.733 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 86.699 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 86.702 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 86.872 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

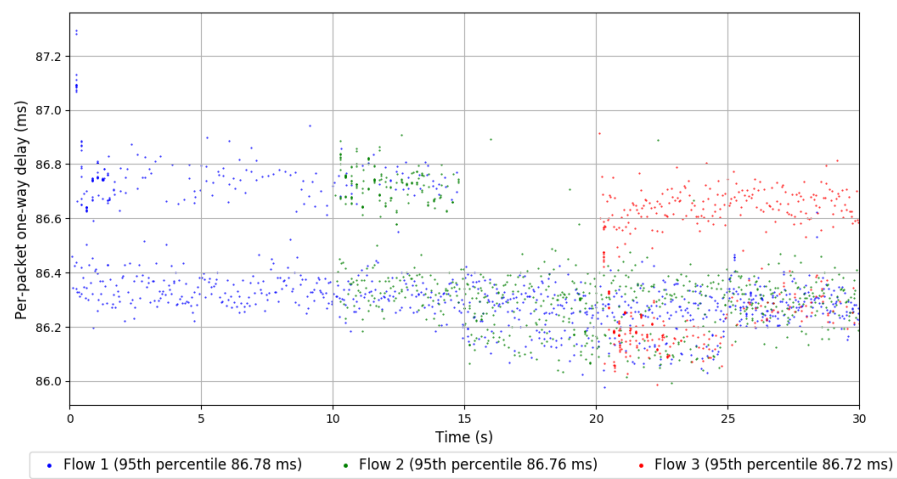
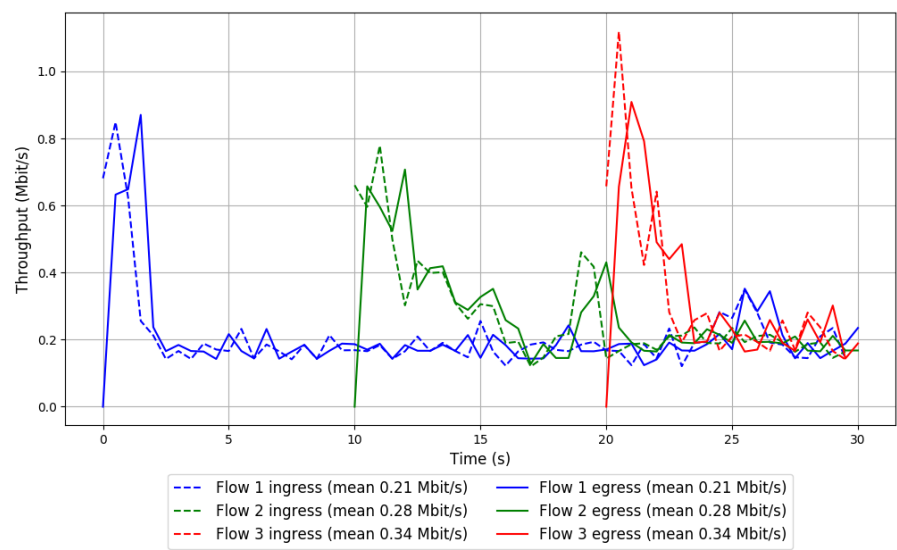


Run 10: Statistics of Sprout

Start at: 2018-07-10 04:51:16
End at: 2018-07-10 04:51:46
Local clock offset: -0.056 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-07-10 07:17:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 86.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 86.785 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 86.764 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 86.721 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

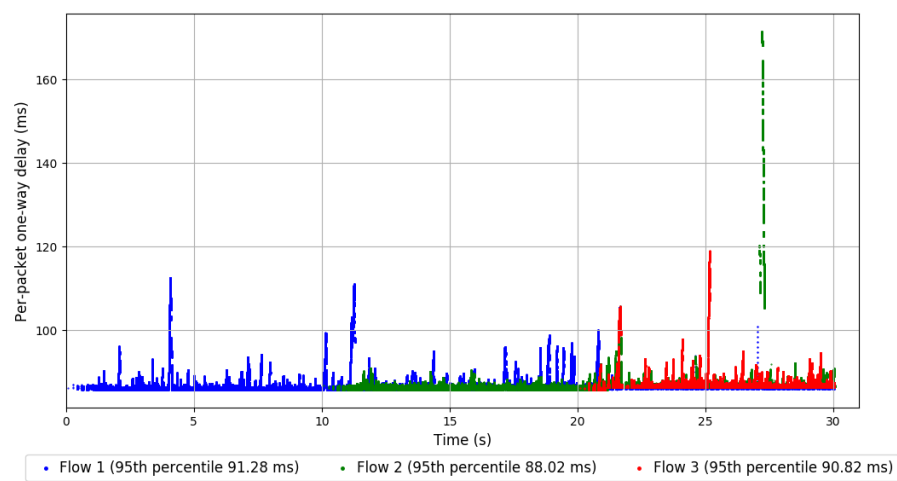
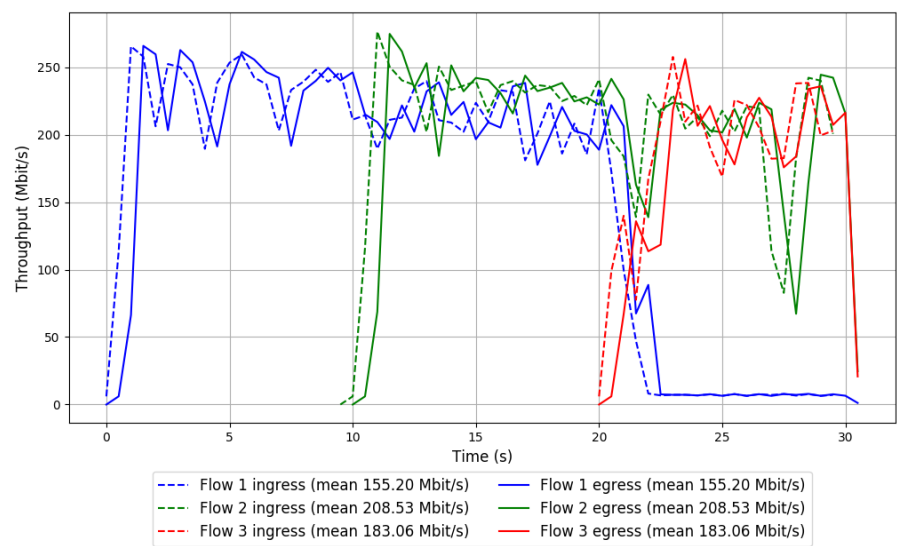


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-10 00:42:40
End at: 2018-07-10 00:43:10
Local clock offset: 0.121 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2018-07-10 07:23:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 354.94 Mbit/s
95th percentile per-packet one-way delay: 89.810 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 155.20 Mbit/s
95th percentile per-packet one-way delay: 91.284 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 208.53 Mbit/s
95th percentile per-packet one-way delay: 88.017 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 183.06 Mbit/s
95th percentile per-packet one-way delay: 90.822 ms
Loss rate: 0.00%
```


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

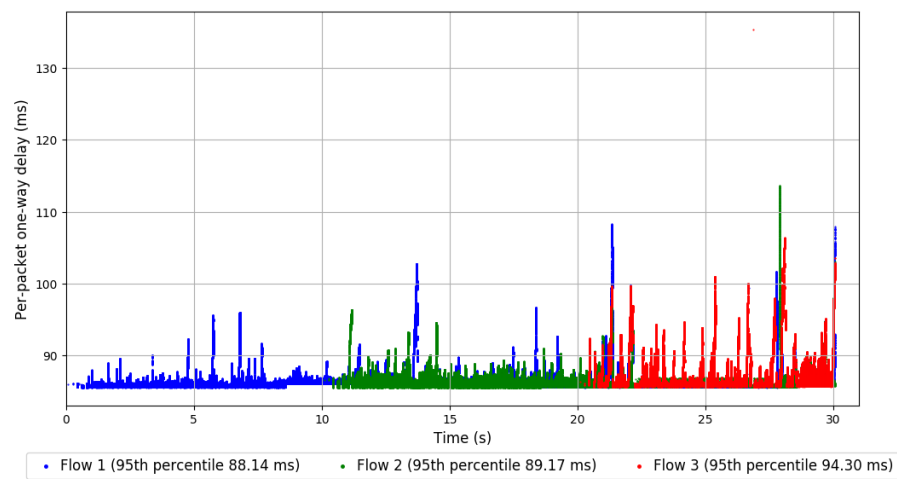
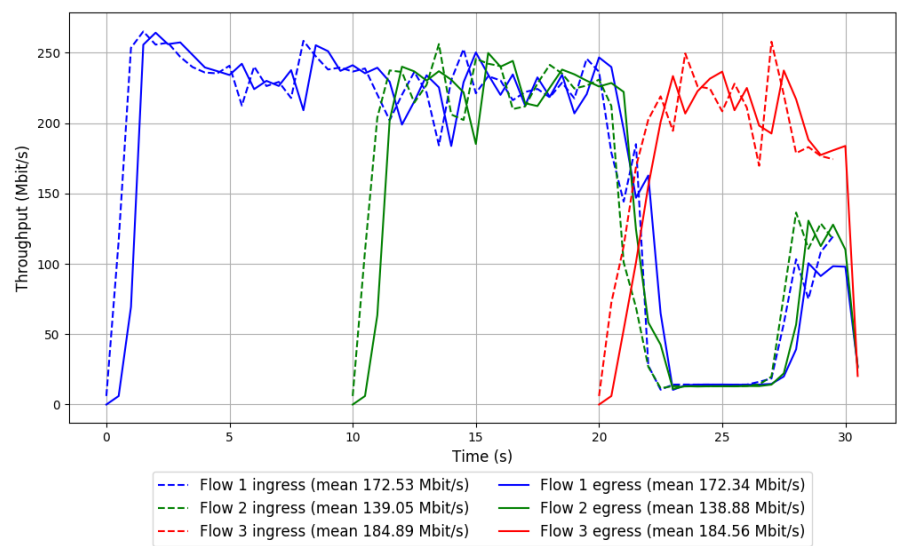


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-10 01:08:43
End at: 2018-07-10 01:09:13
Local clock offset: 0.227 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-07-10 07:23:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.17 Mbit/s
95th percentile per-packet one-way delay: 90.258 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 172.34 Mbit/s
95th percentile per-packet one-way delay: 88.137 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 138.88 Mbit/s
95th percentile per-packet one-way delay: 89.174 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 184.56 Mbit/s
95th percentile per-packet one-way delay: 94.298 ms
Loss rate: 0.18%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-07-10 01:34:40

End at: 2018-07-10 01:35:10

Local clock offset: -0.042 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-07-10 07:23:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 333.95 Mbit/s

95th percentile per-packet one-way delay: 93.201 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 173.64 Mbit/s

95th percentile per-packet one-way delay: 90.332 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 164.82 Mbit/s

95th percentile per-packet one-way delay: 96.416 ms

Loss rate: 0.00%

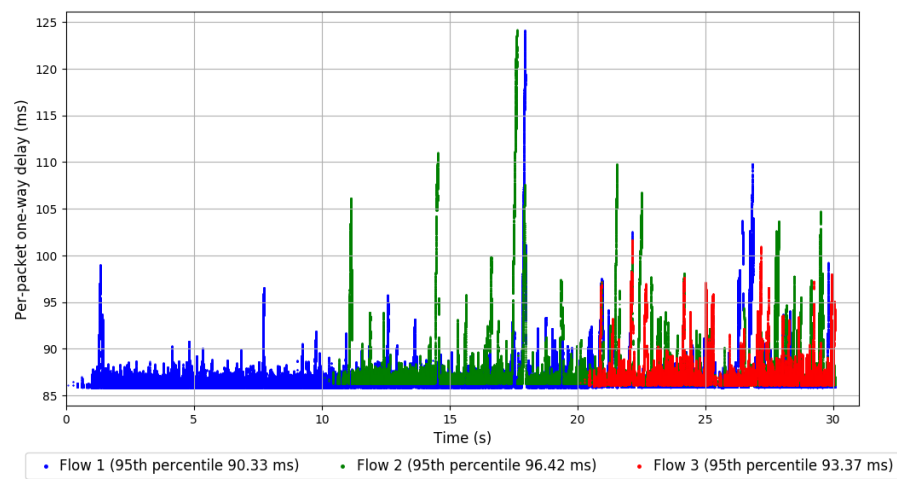
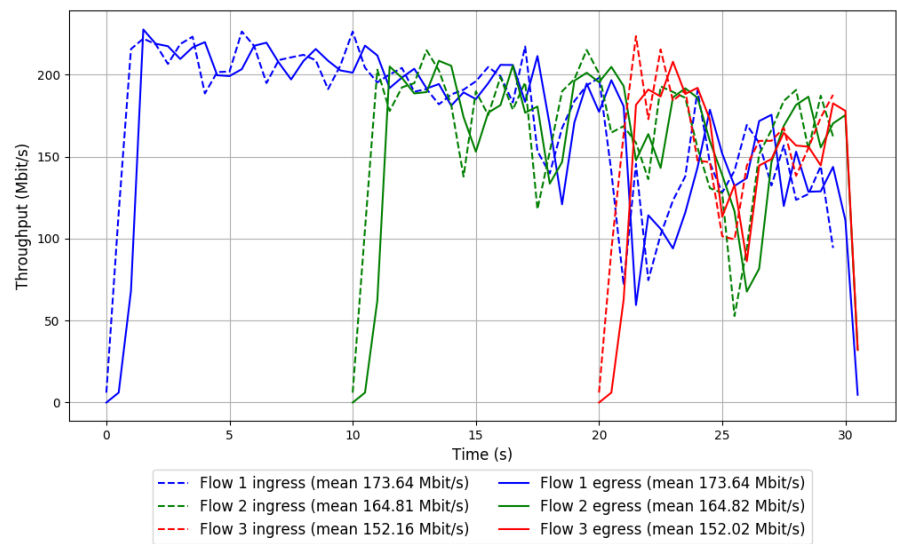
-- Flow 3:

Average throughput: 152.02 Mbit/s

95th percentile per-packet one-way delay: 93.366 ms

Loss rate: 0.05%

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

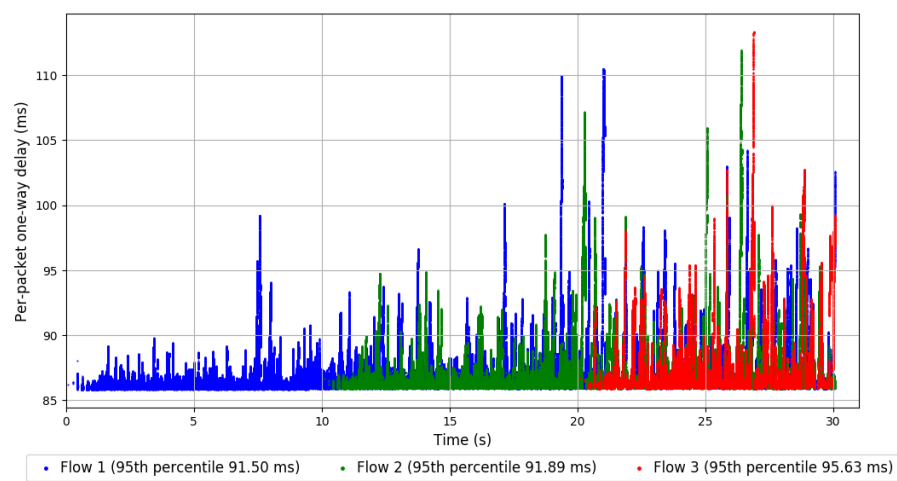
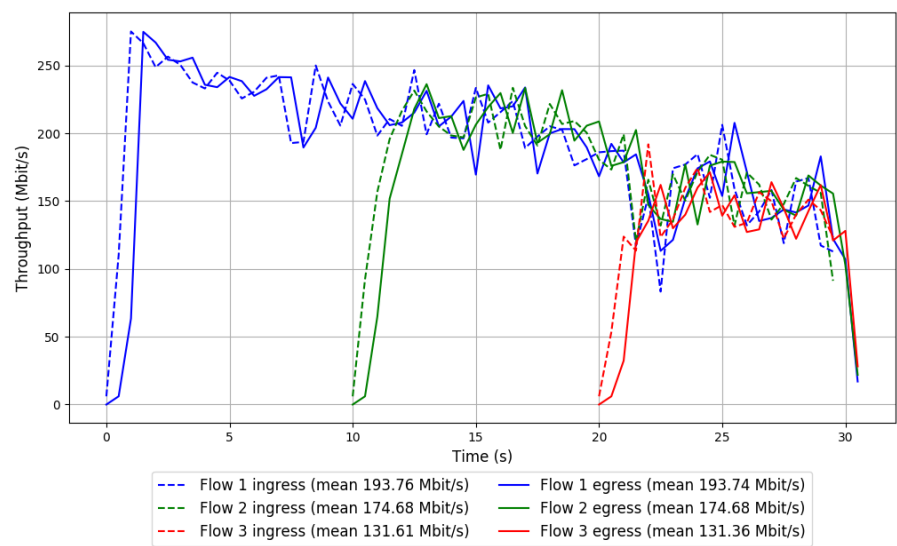


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-10 02:00:42
End at: 2018-07-10 02:01:12
Local clock offset: -0.004 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-07-10 07:23:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 353.73 Mbit/s
95th percentile per-packet one-way delay: 92.174 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 193.74 Mbit/s
95th percentile per-packet one-way delay: 91.499 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 174.68 Mbit/s
95th percentile per-packet one-way delay: 91.886 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 131.36 Mbit/s
95th percentile per-packet one-way delay: 95.626 ms
Loss rate: 0.18%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-10 02:26:28

End at: 2018-07-10 02:26:58

Local clock offset: 0.193 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2018-07-10 07:23:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 339.73 Mbit/s

95th percentile per-packet one-way delay: 89.610 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 192.72 Mbit/s

95th percentile per-packet one-way delay: 88.398 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 176.76 Mbit/s

95th percentile per-packet one-way delay: 90.516 ms

Loss rate: 0.02%

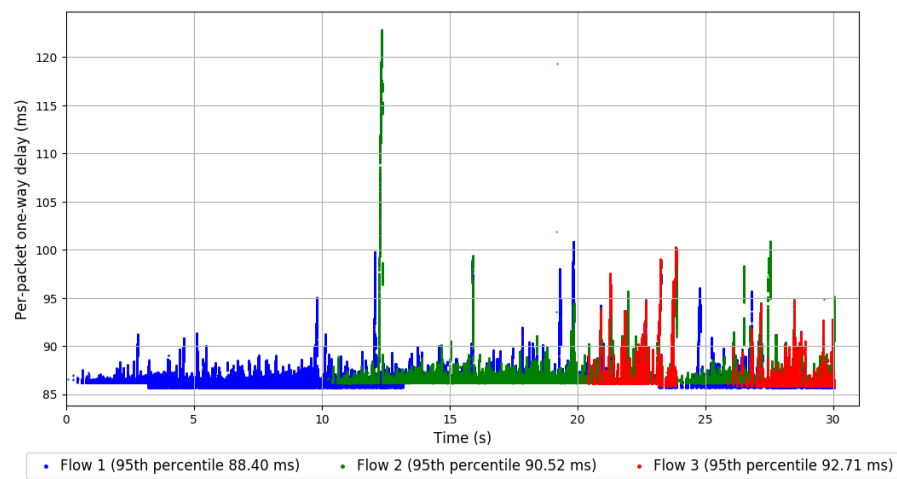
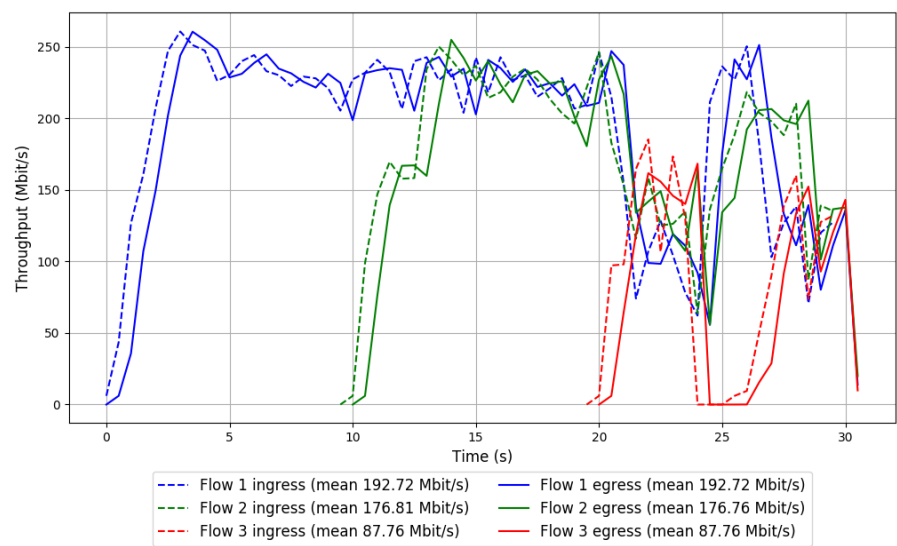
-- Flow 3:

Average throughput: 87.76 Mbit/s

95th percentile per-packet one-way delay: 92.709 ms

Loss rate: 0.00%

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

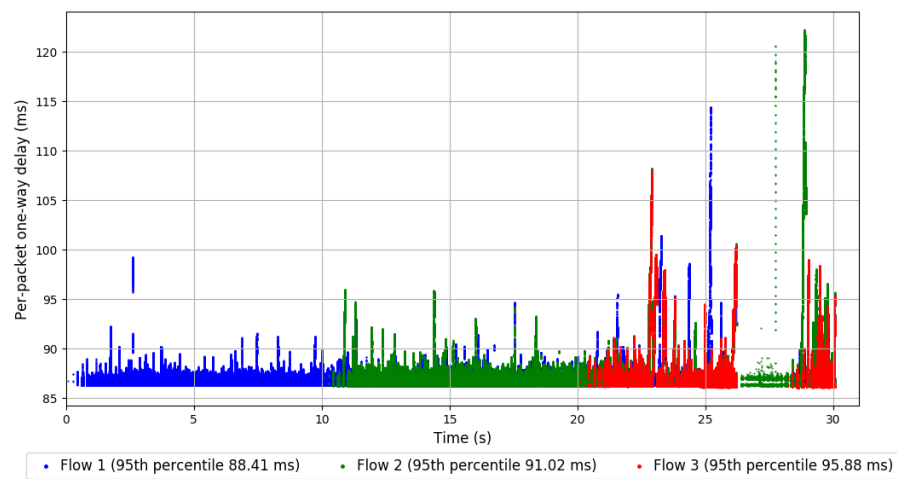
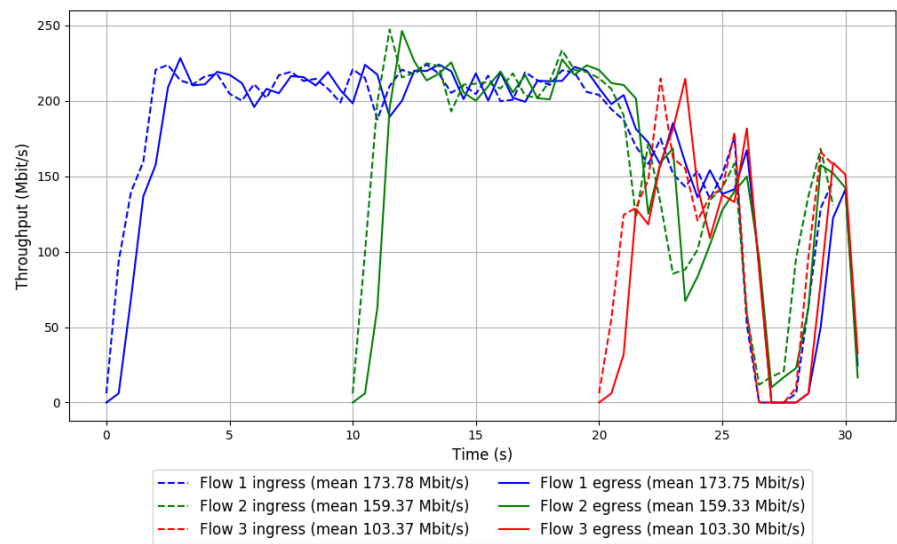


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-10 02:52:26
End at: 2018-07-10 02:52:56
Local clock offset: -0.233 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2018-07-10 07:23:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 314.22 Mbit/s
95th percentile per-packet one-way delay: 89.975 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 173.75 Mbit/s
95th percentile per-packet one-way delay: 88.405 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 159.33 Mbit/s
95th percentile per-packet one-way delay: 91.016 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 103.30 Mbit/s
95th percentile per-packet one-way delay: 95.877 ms
Loss rate: 0.05%

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

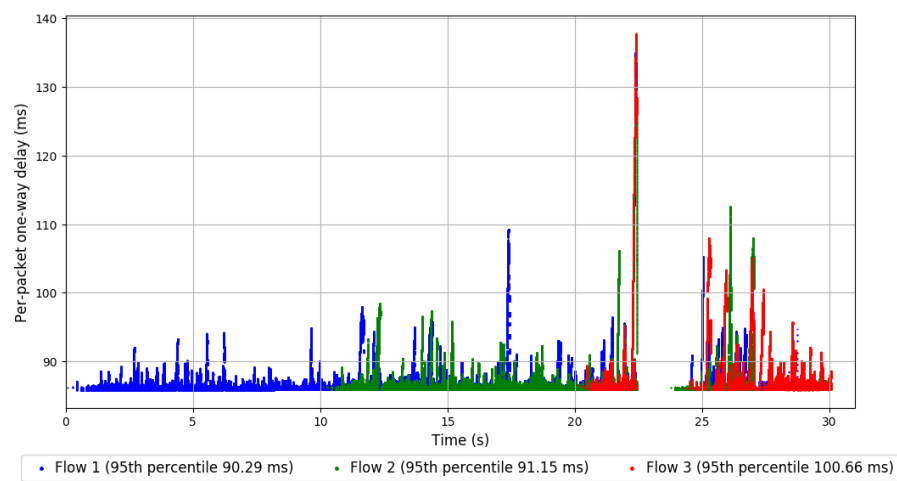
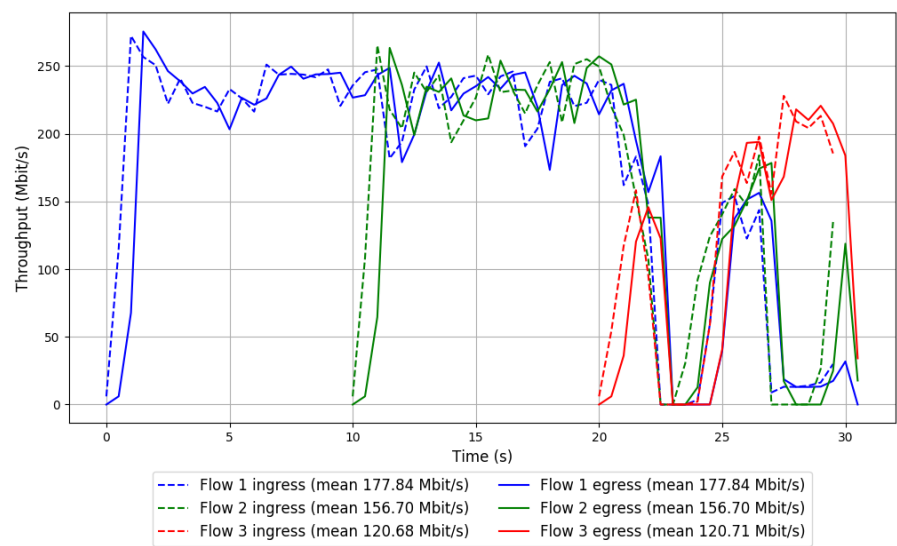


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-10 03:18:23
End at: 2018-07-10 03:18:53
Local clock offset: -0.038 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2018-07-10 07:26:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 321.92 Mbit/s
95th percentile per-packet one-way delay: 91.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.84 Mbit/s
95th percentile per-packet one-way delay: 90.291 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 156.70 Mbit/s
95th percentile per-packet one-way delay: 91.151 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.71 Mbit/s
95th percentile per-packet one-way delay: 100.664 ms
Loss rate: 0.00%

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

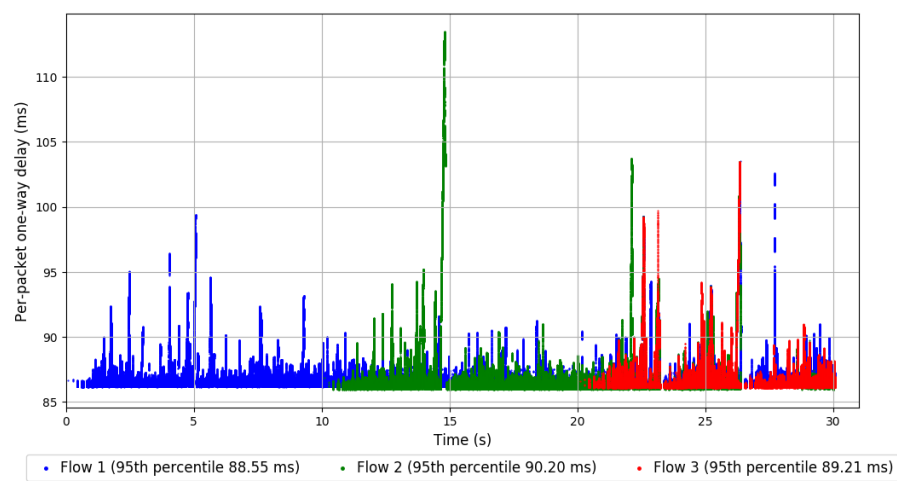
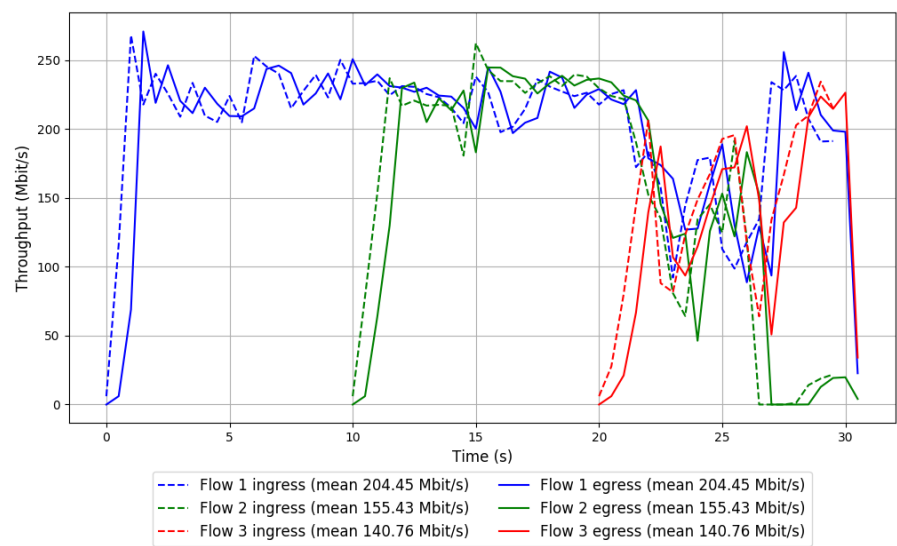


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-10 03:44:13
End at: 2018-07-10 03:44:43
Local clock offset: -0.076 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2018-07-10 07:30:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 354.52 Mbit/s
95th percentile per-packet one-way delay: 89.006 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.45 Mbit/s
95th percentile per-packet one-way delay: 88.552 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 155.43 Mbit/s
95th percentile per-packet one-way delay: 90.202 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 140.76 Mbit/s
95th percentile per-packet one-way delay: 89.210 ms
Loss rate: 0.00%

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

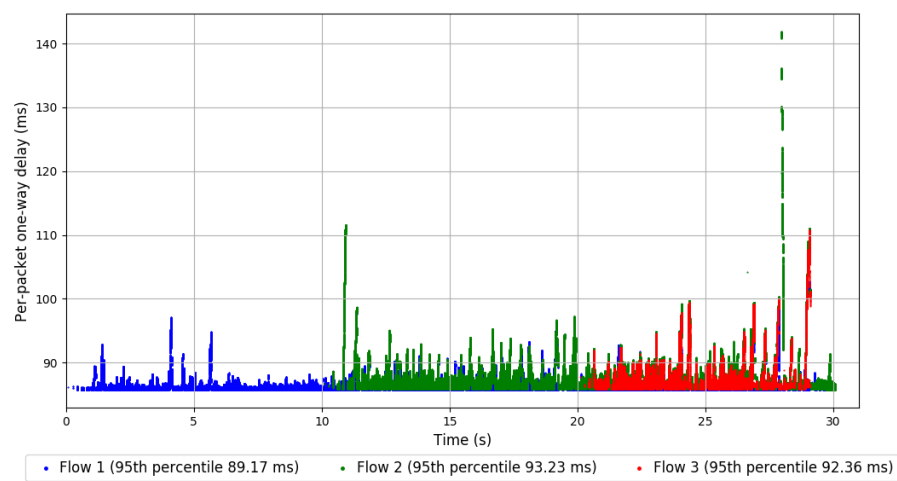
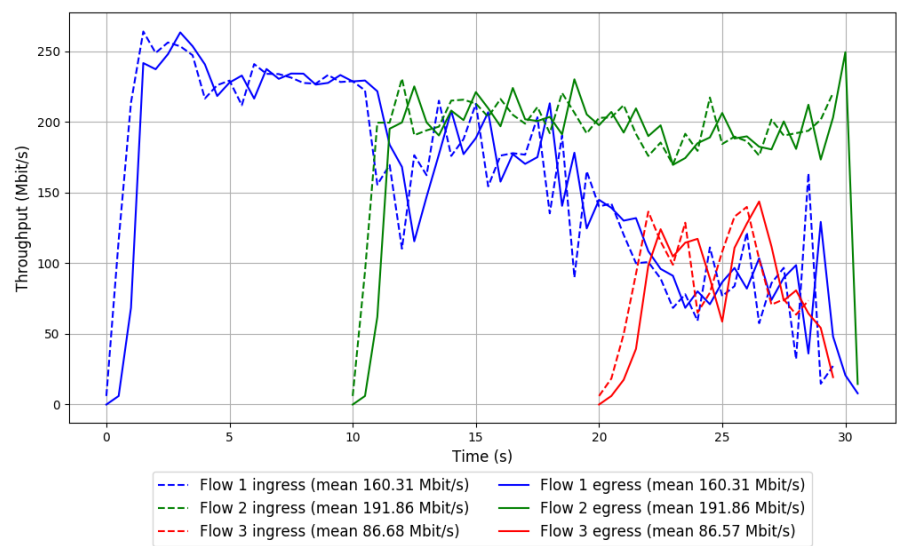


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-10 04:10:12
End at: 2018-07-10 04:10:42
Local clock offset: -0.014 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-07-10 07:33:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 313.84 Mbit/s
95th percentile per-packet one-way delay: 91.170 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 160.31 Mbit/s
95th percentile per-packet one-way delay: 89.165 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.86 Mbit/s
95th percentile per-packet one-way delay: 93.234 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 86.57 Mbit/s
95th percentile per-packet one-way delay: 92.362 ms
Loss rate: 0.00%

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

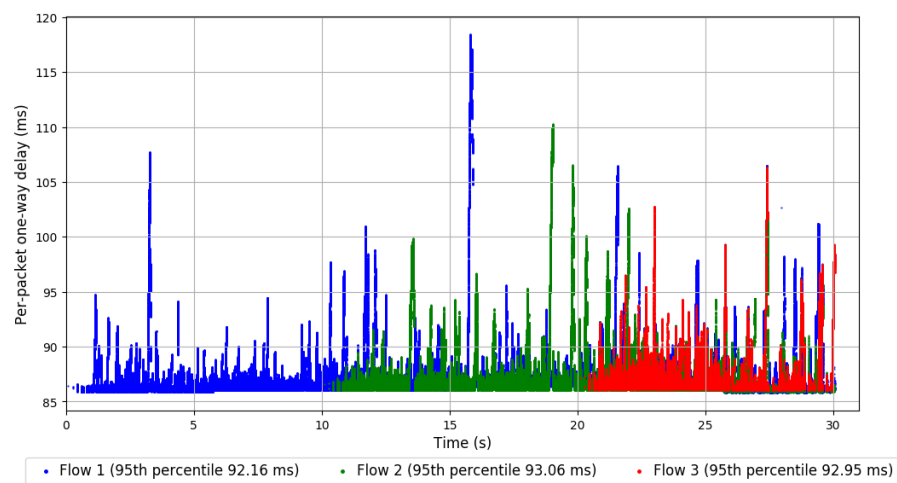
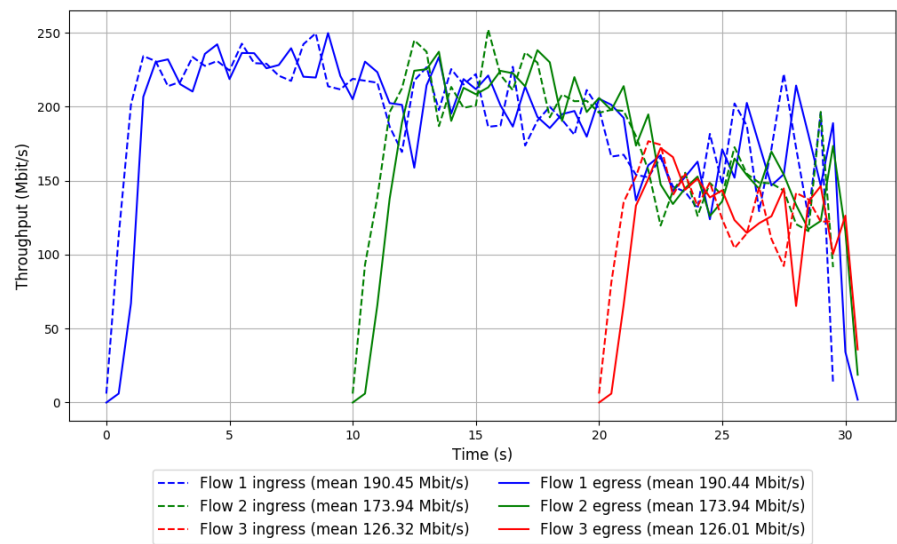


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-10 04:36:06
End at: 2018-07-10 04:36:36
Local clock offset: -0.032 ms
Remote clock offset: -0.076 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 348.04 Mbit/s
95th percentile per-packet one-way delay: 92.546 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 190.44 Mbit/s
95th percentile per-packet one-way delay: 92.160 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.94 Mbit/s
95th percentile per-packet one-way delay: 93.064 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 126.01 Mbit/s
95th percentile per-packet one-way delay: 92.950 ms
Loss rate: 0.25%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-07-10 00:48:40

End at: 2018-07-10 00:49:10

Local clock offset: -0.015 ms

Remote clock offset: 0.004 ms

Below is generated by plot.py at 2018-07-10 07:34:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 239.49 Mbit/s

95th percentile per-packet one-way delay: 98.206 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 131.74 Mbit/s

95th percentile per-packet one-way delay: 99.039 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 119.96 Mbit/s

95th percentile per-packet one-way delay: 96.410 ms

Loss rate: 0.00%

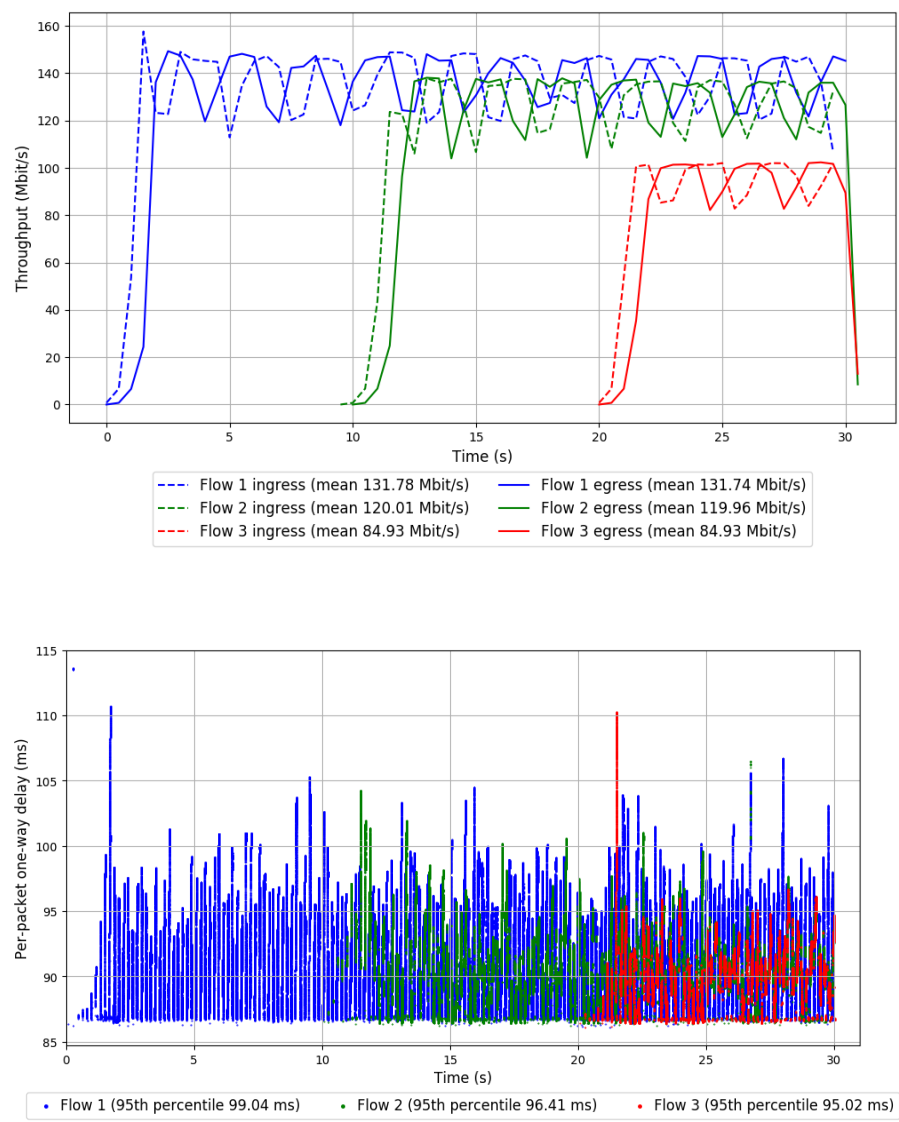
-- Flow 3:

Average throughput: 84.93 Mbit/s

95th percentile per-packet one-way delay: 95.024 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

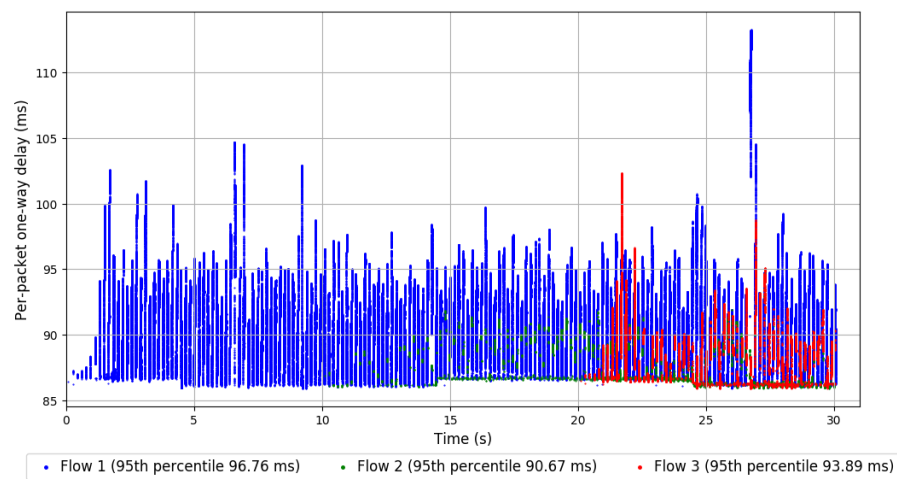
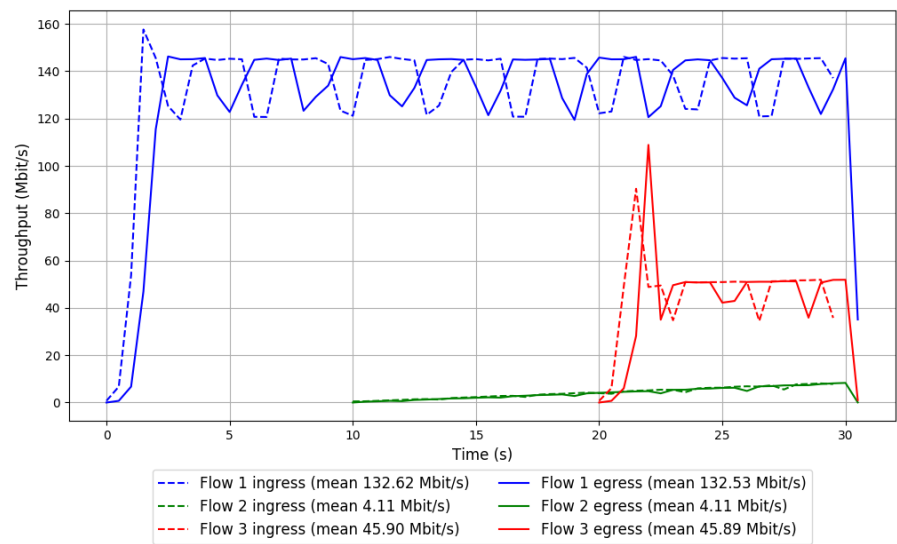


Run 2: Statistics of TCP Vegas

Start at: 2018-07-10 01:14:37
End at: 2018-07-10 01:15:07
Local clock offset: -0.015 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 150.48 Mbit/s
95th percentile per-packet one-way delay: 96.525 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 132.53 Mbit/s
95th percentile per-packet one-way delay: 96.756 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 90.669 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 93.895 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

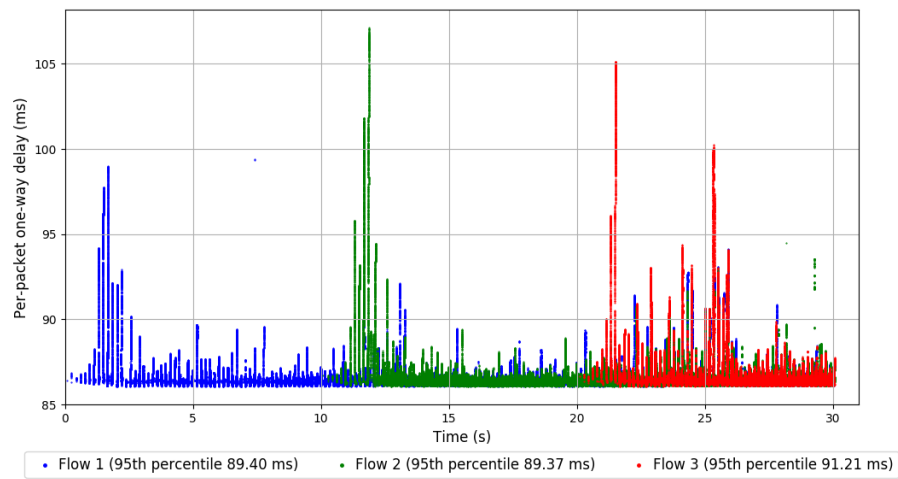
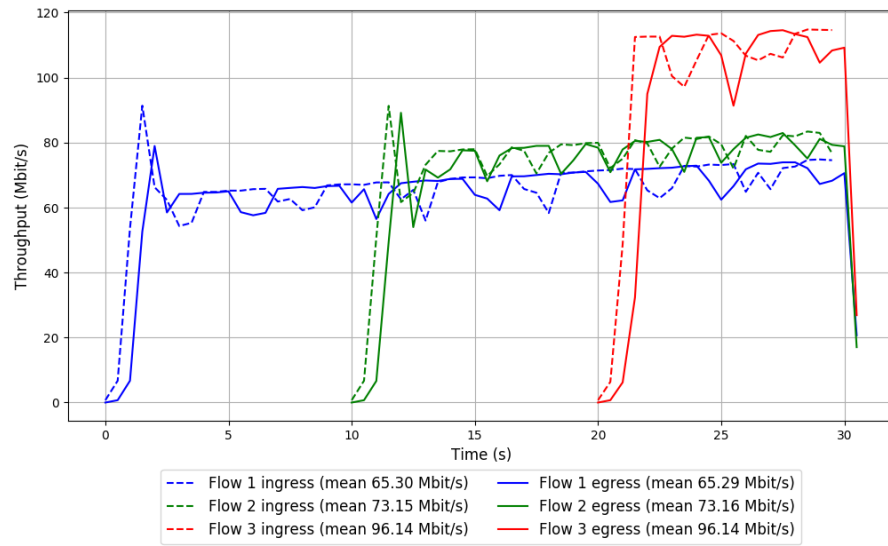


Run 3: Statistics of TCP Vegas

Start at: 2018-07-10 01:40:38
End at: 2018-07-10 01:41:08
Local clock offset: -0.2 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 146.00 Mbit/s
95th percentile per-packet one-way delay: 89.861 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.29 Mbit/s
95th percentile per-packet one-way delay: 89.399 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 73.16 Mbit/s
95th percentile per-packet one-way delay: 89.371 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 91.210 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-07-10 02:06:41

End at: 2018-07-10 02:07:11

Local clock offset: -0.048 ms

Remote clock offset: 0.022 ms

Below is generated by plot.py at 2018-07-10 07:34:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 99.14 Mbit/s

95th percentile per-packet one-way delay: 88.709 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.45 Mbit/s

95th percentile per-packet one-way delay: 88.784 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 40.45 Mbit/s

95th percentile per-packet one-way delay: 88.001 ms

Loss rate: 0.00%

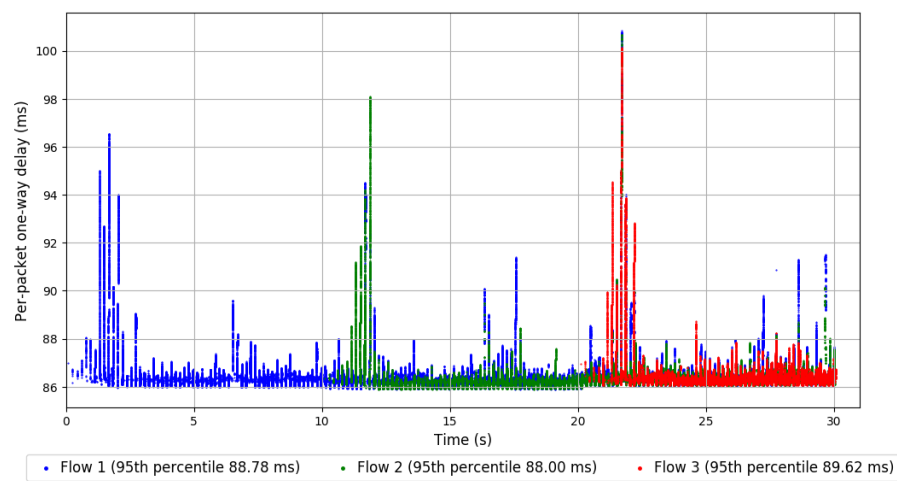
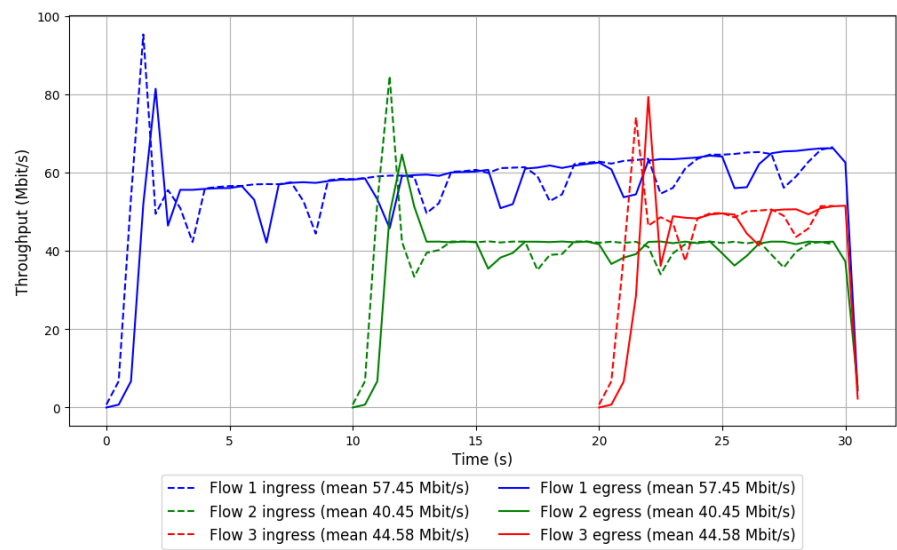
-- Flow 3:

Average throughput: 44.58 Mbit/s

95th percentile per-packet one-way delay: 89.619 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

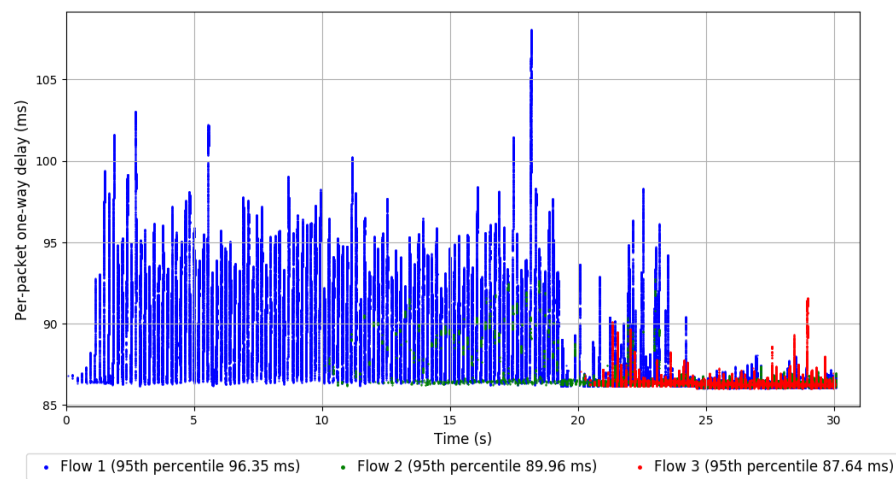
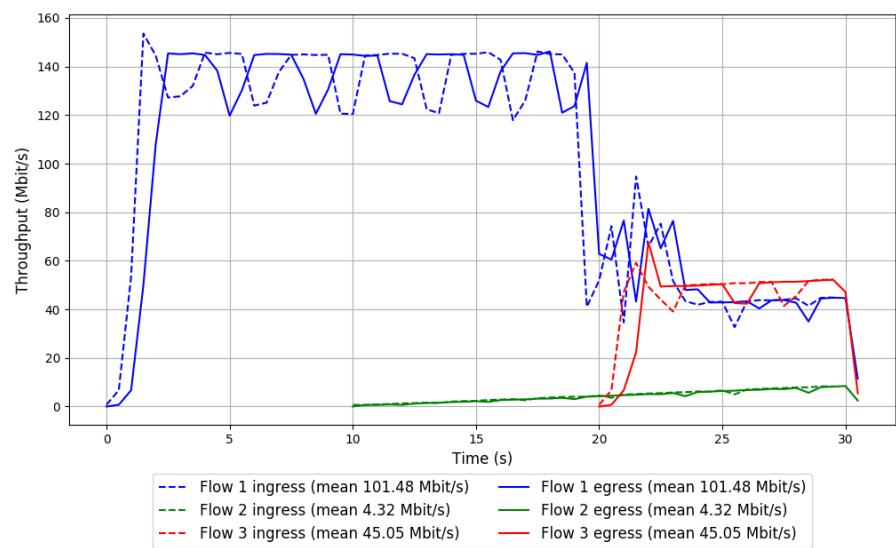


Run 5: Statistics of TCP Vegas

Start at: 2018-07-10 02:32:27
End at: 2018-07-10 02:32:57
Local clock offset: -0.237 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 119.27 Mbit/s
95th percentile per-packet one-way delay: 96.060 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.48 Mbit/s
95th percentile per-packet one-way delay: 96.348 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 89.964 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 45.05 Mbit/s
95th percentile per-packet one-way delay: 87.645 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

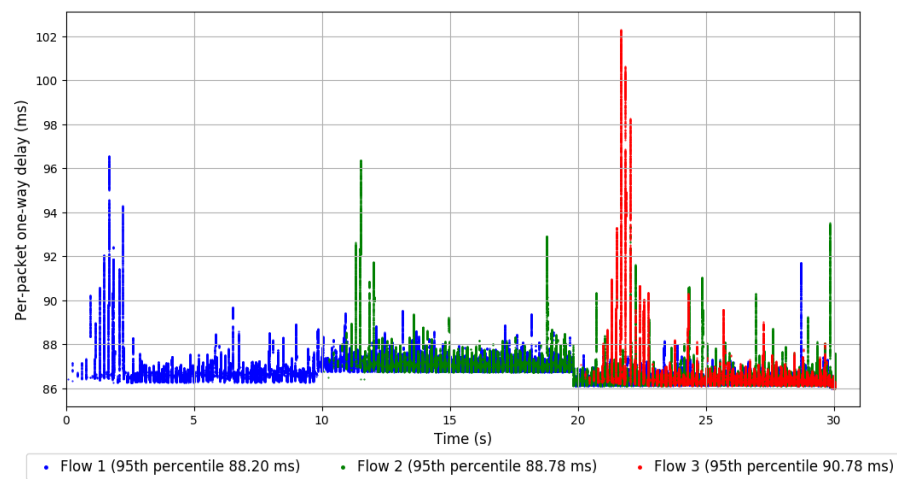
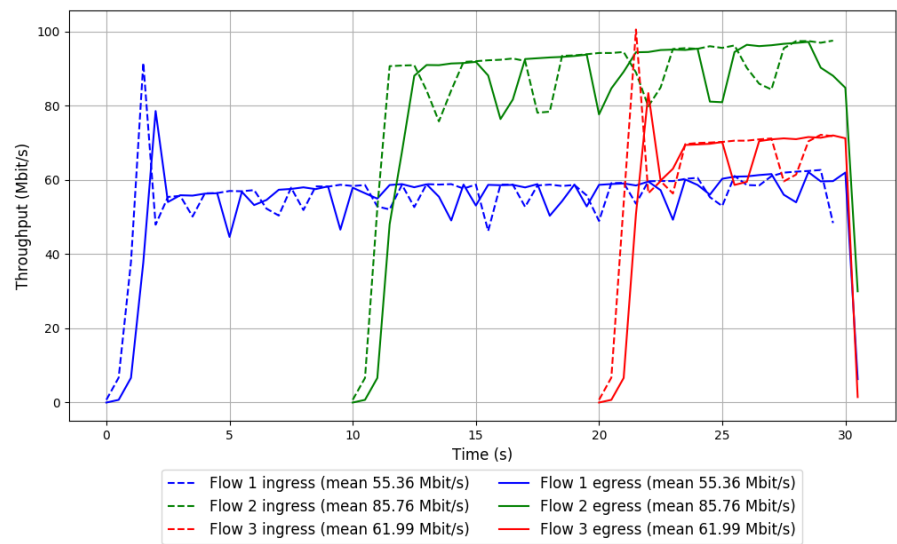


Run 6: Statistics of TCP Vegas

Start at: 2018-07-10 02:58:21
End at: 2018-07-10 02:58:51
Local clock offset: -0.193 ms
Remote clock offset: -0.037 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 133.06 Mbit/s
95th percentile per-packet one-way delay: 88.717 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.36 Mbit/s
95th percentile per-packet one-way delay: 88.197 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 85.76 Mbit/s
95th percentile per-packet one-way delay: 88.777 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 90.778 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

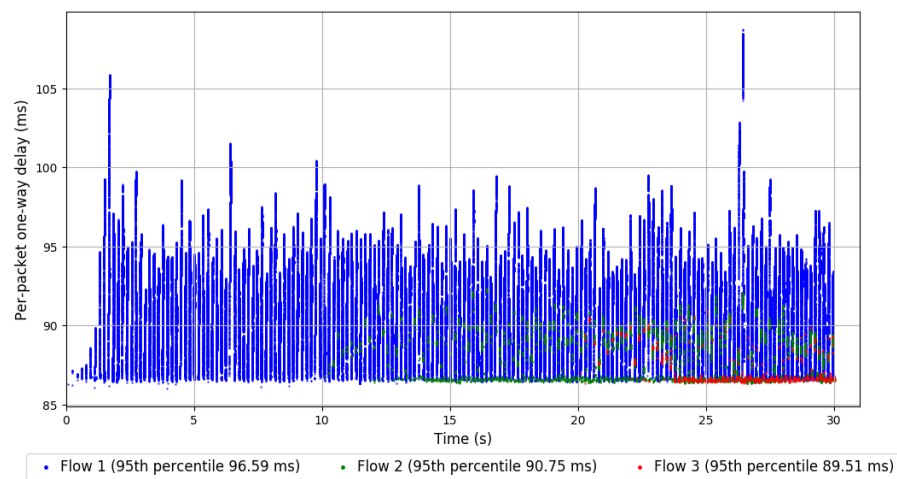
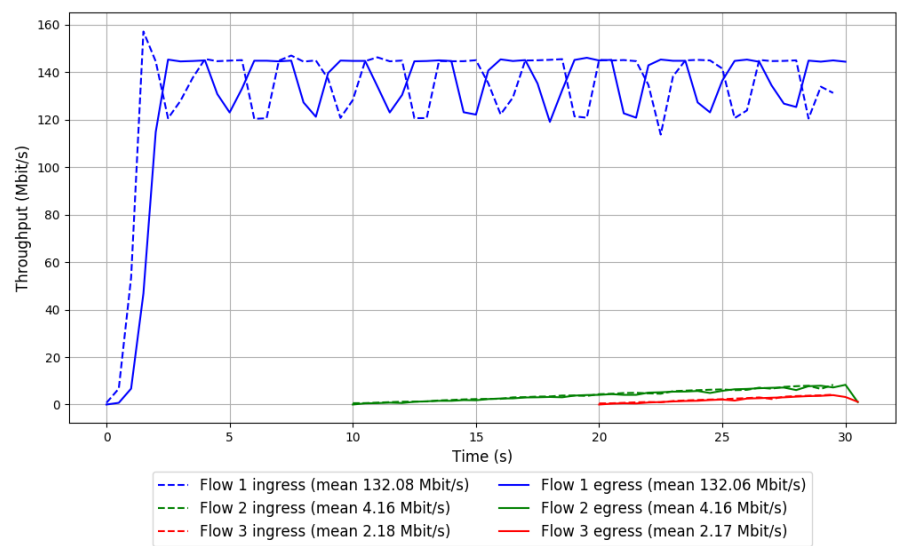


Run 7: Statistics of TCP Vegas

Start at: 2018-07-10 03:24:19
End at: 2018-07-10 03:24:49
Local clock offset: 0.045 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 135.27 Mbit/s
95th percentile per-packet one-way delay: 96.553 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.06 Mbit/s
95th percentile per-packet one-way delay: 96.593 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 90.746 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 89.512 ms
Loss rate: 0.28%

Run 7: Report of TCP Vegas — Data Link

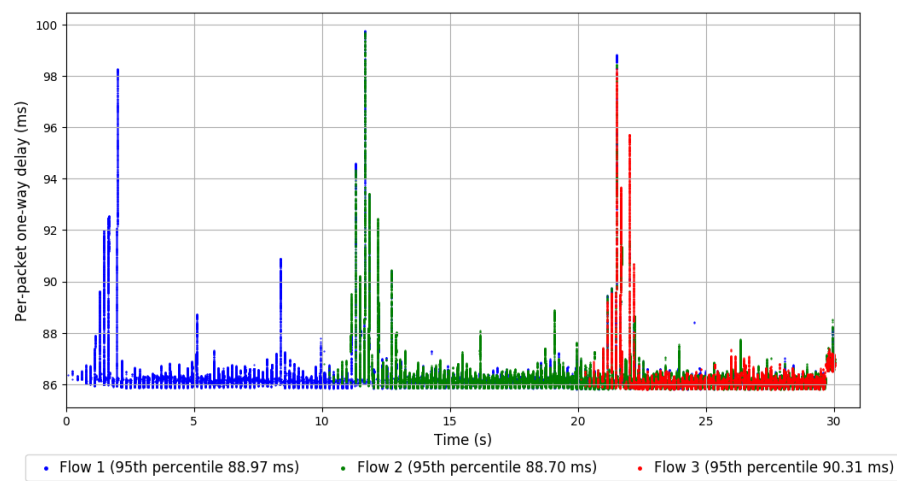
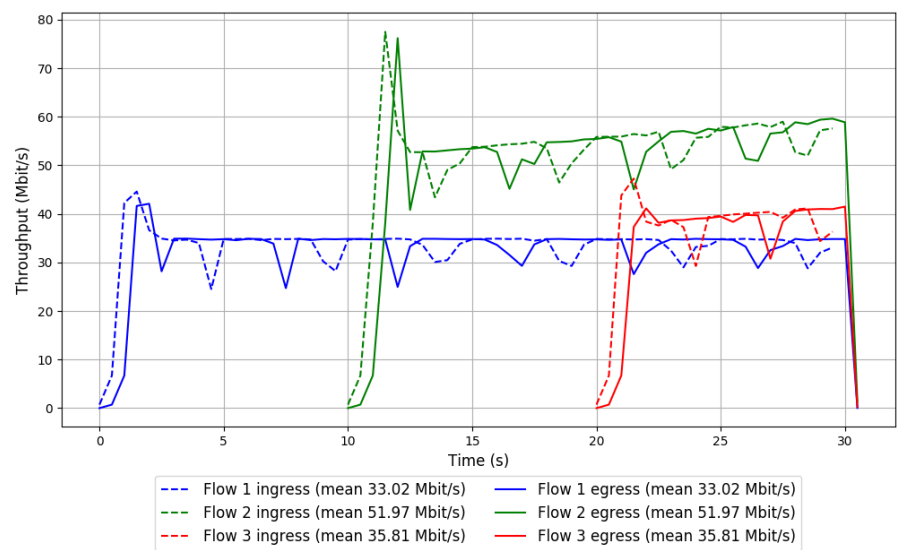


Run 8: Statistics of TCP Vegas

Start at: 2018-07-10 03:50:12
End at: 2018-07-10 03:50:42
Local clock offset: -0.036 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.48 Mbit/s
95th percentile per-packet one-way delay: 89.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 88.972 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 51.97 Mbit/s
95th percentile per-packet one-way delay: 88.702 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 90.307 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

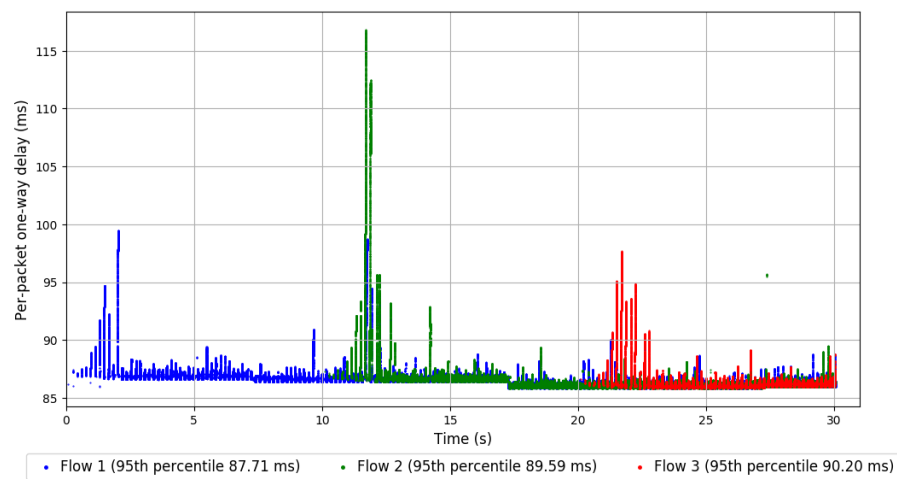
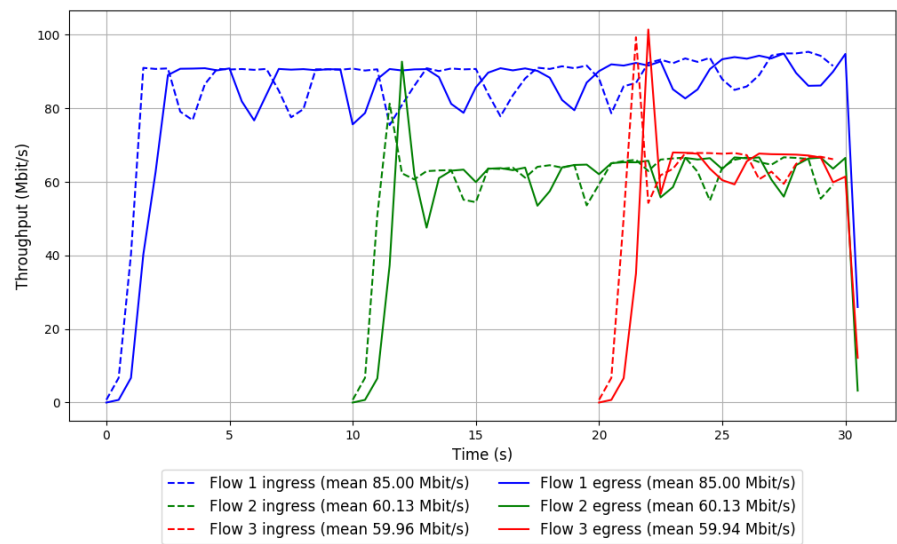


Run 9: Statistics of TCP Vegas

Start at: 2018-07-10 04:16:04
End at: 2018-07-10 04:16:34
Local clock offset: -0.061 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 144.89 Mbit/s
95th percentile per-packet one-way delay: 88.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.00 Mbit/s
95th percentile per-packet one-way delay: 87.712 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.13 Mbit/s
95th percentile per-packet one-way delay: 89.591 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.94 Mbit/s
95th percentile per-packet one-way delay: 90.199 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

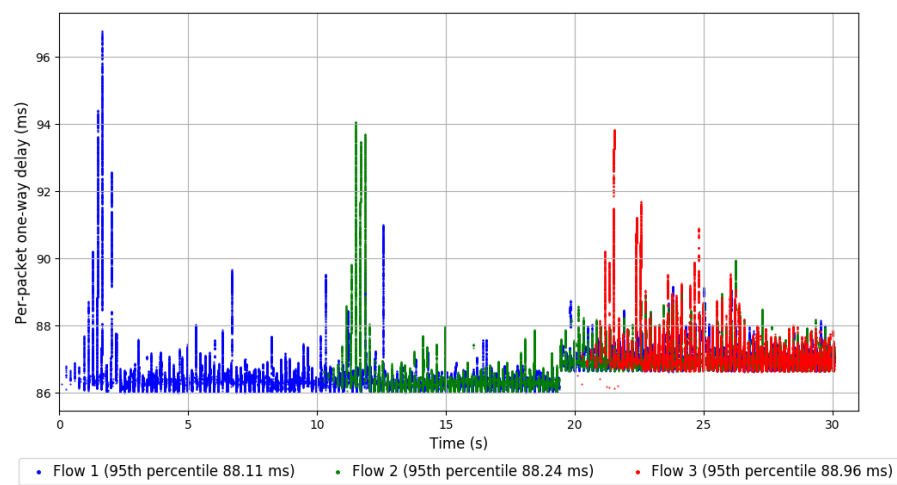
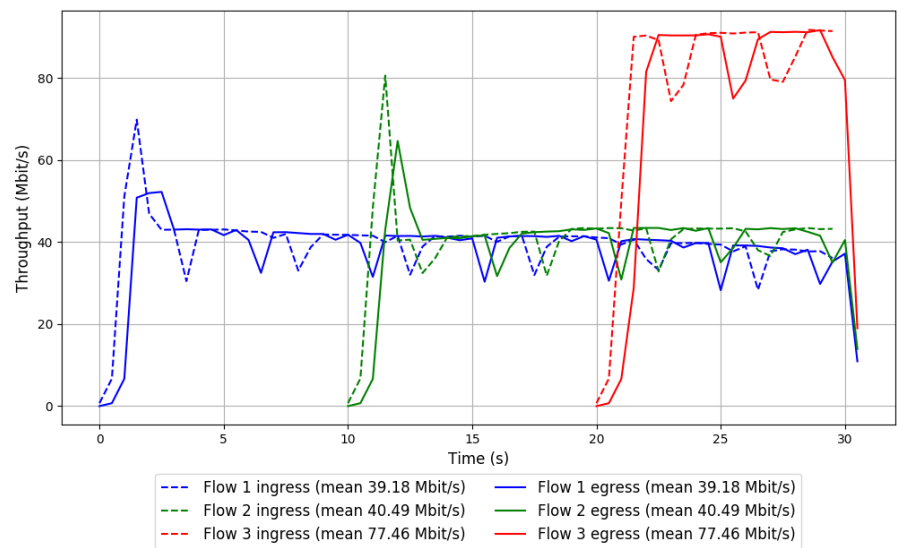


Run 10: Statistics of TCP Vegas

Start at: 2018-07-10 04:42:02
End at: 2018-07-10 04:42:32
Local clock offset: -0.046 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.87 Mbit/s
95th percentile per-packet one-way delay: 88.460 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 88.115 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 88.242 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 77.46 Mbit/s
95th percentile per-packet one-way delay: 88.961 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

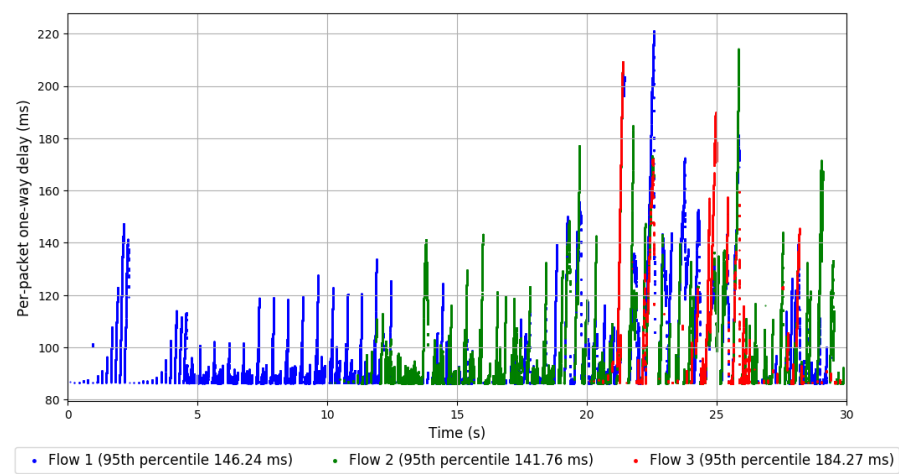
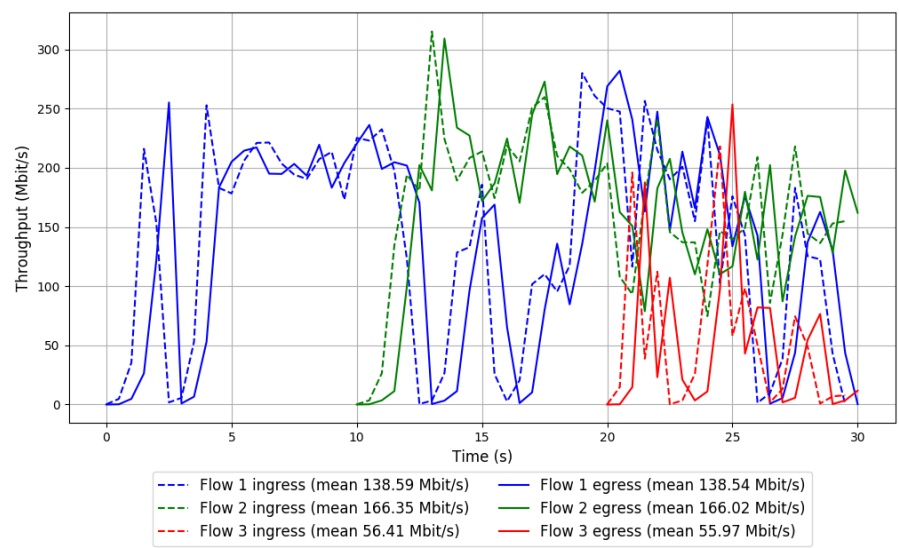


Run 1: Statistics of Verus

Start at: 2018-07-10 00:52:10
End at: 2018-07-10 00:52:41
Local clock offset: -0.22 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 266.27 Mbit/s
95th percentile per-packet one-way delay: 149.478 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 138.54 Mbit/s
95th percentile per-packet one-way delay: 146.236 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 166.02 Mbit/s
95th percentile per-packet one-way delay: 141.761 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 184.269 ms
Loss rate: 0.77%

Run 1: Report of Verus — Data Link

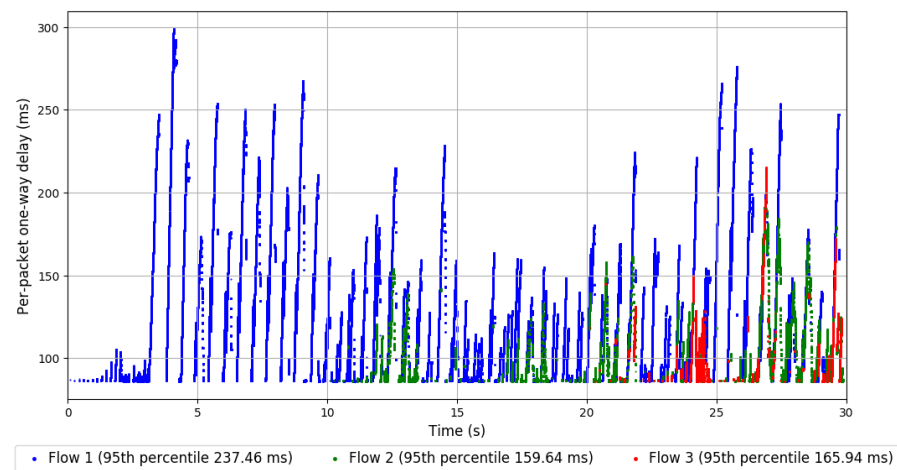
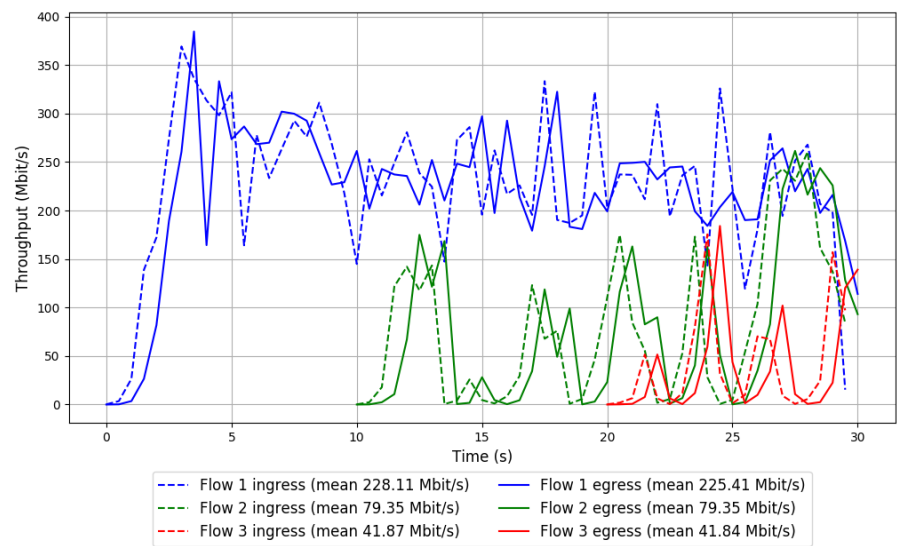


Run 2: Statistics of Verus

Start at: 2018-07-10 01:18:06
End at: 2018-07-10 01:18:36
Local clock offset: -0.139 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 290.53 Mbit/s
95th percentile per-packet one-way delay: 228.223 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 225.41 Mbit/s
95th percentile per-packet one-way delay: 237.456 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 159.643 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.84 Mbit/s
95th percentile per-packet one-way delay: 165.939 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

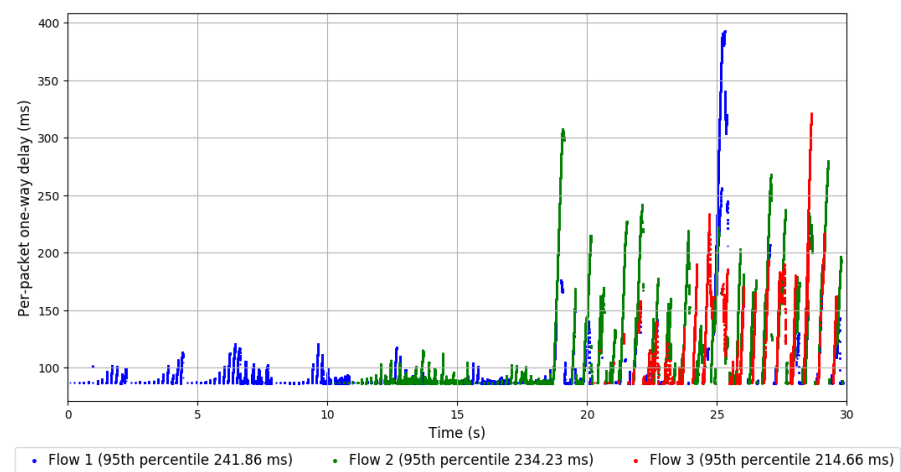
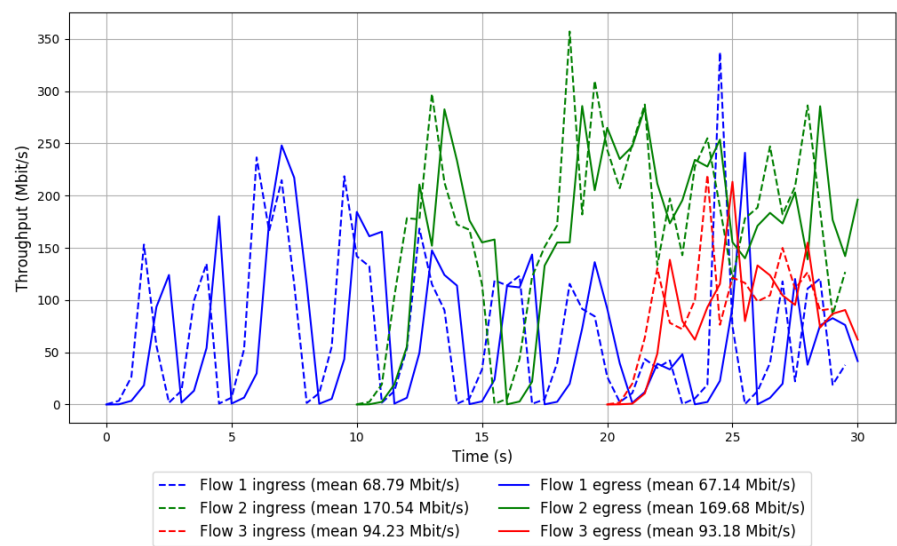


Run 3: Statistics of Verus

Start at: 2018-07-10 01:44:15
End at: 2018-07-10 01:44:45
Local clock offset: -0.014 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 209.25 Mbit/s
95th percentile per-packet one-way delay: 232.553 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 67.14 Mbit/s
95th percentile per-packet one-way delay: 241.860 ms
Loss rate: 2.39%
-- Flow 2:
Average throughput: 169.68 Mbit/s
95th percentile per-packet one-way delay: 234.228 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 214.659 ms
Loss rate: 0.32%

Run 3: Report of Verus — Data Link

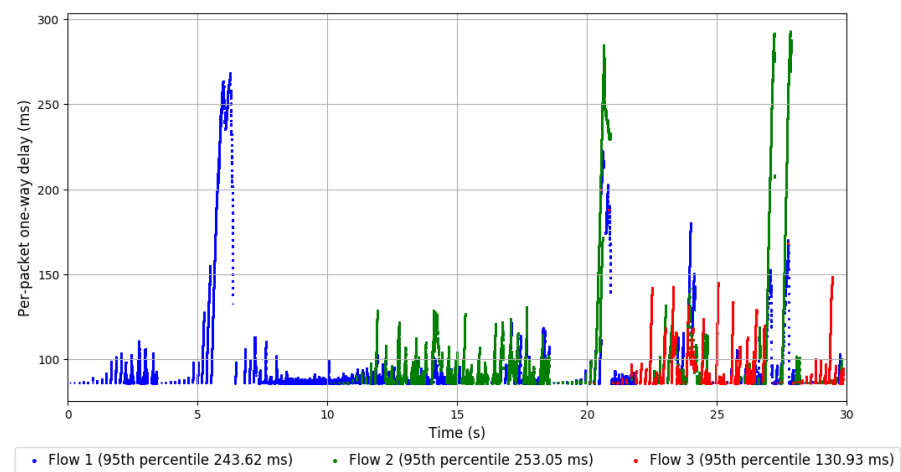
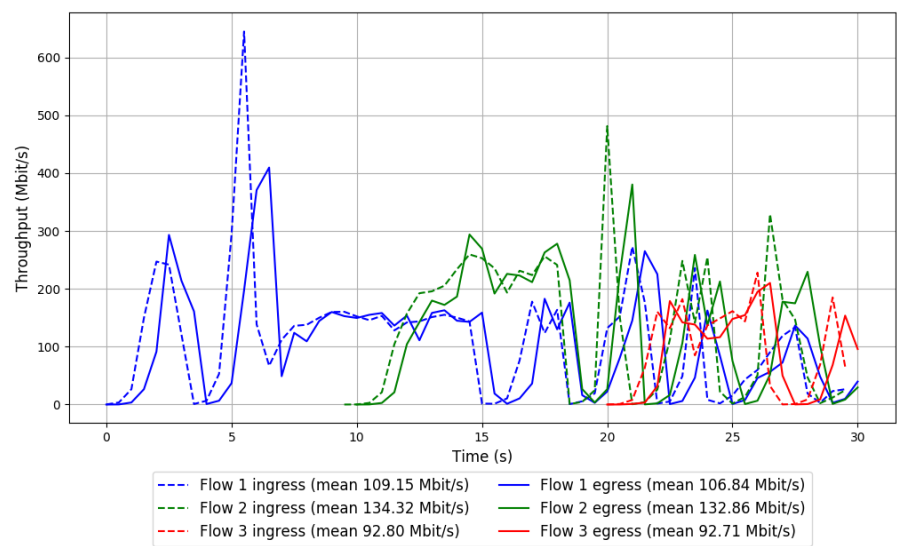


Run 4: Statistics of Verus

Start at: 2018-07-10 02:10:01
End at: 2018-07-10 02:10:32
Local clock offset: -0.017 ms
Remote clock offset: 0.018 ms

Below is generated by plot.py at 2018-07-10 07:34:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 224.75 Mbit/s
95th percentile per-packet one-way delay: 243.631 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 106.84 Mbit/s
95th percentile per-packet one-way delay: 243.621 ms
Loss rate: 2.06%
-- Flow 2:
Average throughput: 132.86 Mbit/s
95th percentile per-packet one-way delay: 253.048 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 92.71 Mbit/s
95th percentile per-packet one-way delay: 130.927 ms
Loss rate: 0.08%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-07-10 02:35:57

End at: 2018-07-10 02:36:27

Local clock offset: 0.044 ms

Remote clock offset: 0.001 ms

Below is generated by plot.py at 2018-07-10 07:34:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 263.46 Mbit/s

95th percentile per-packet one-way delay: 153.710 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 125.71 Mbit/s

95th percentile per-packet one-way delay: 129.883 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 193.45 Mbit/s

95th percentile per-packet one-way delay: 178.378 ms

Loss rate: 0.00%

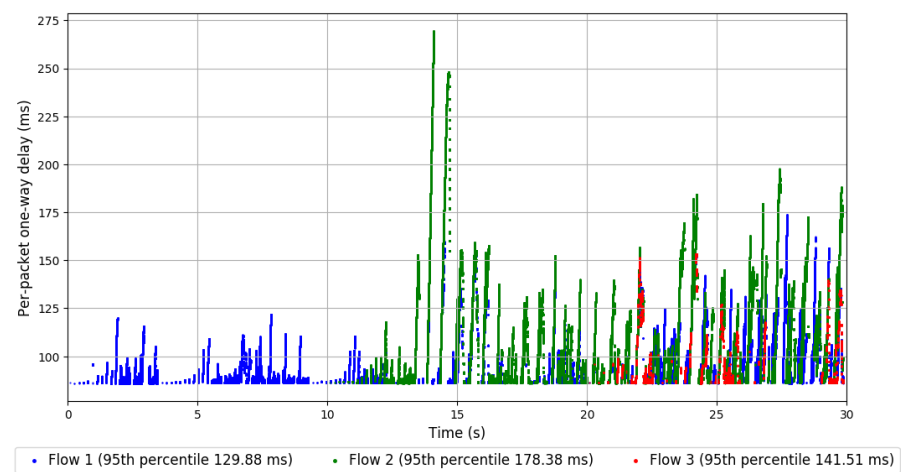
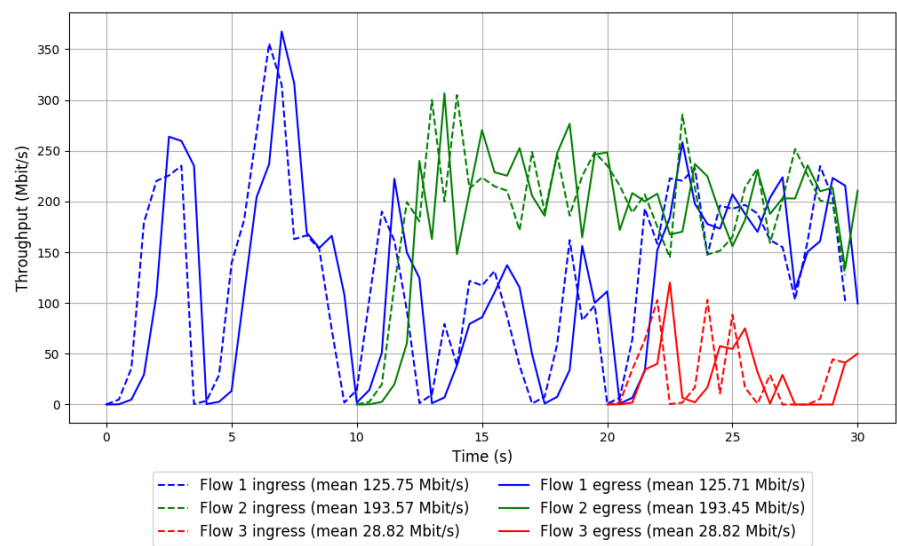
-- Flow 3:

Average throughput: 28.82 Mbit/s

95th percentile per-packet one-way delay: 141.508 ms

Loss rate: 0.00%

Run 5: Report of Verus — Data Link

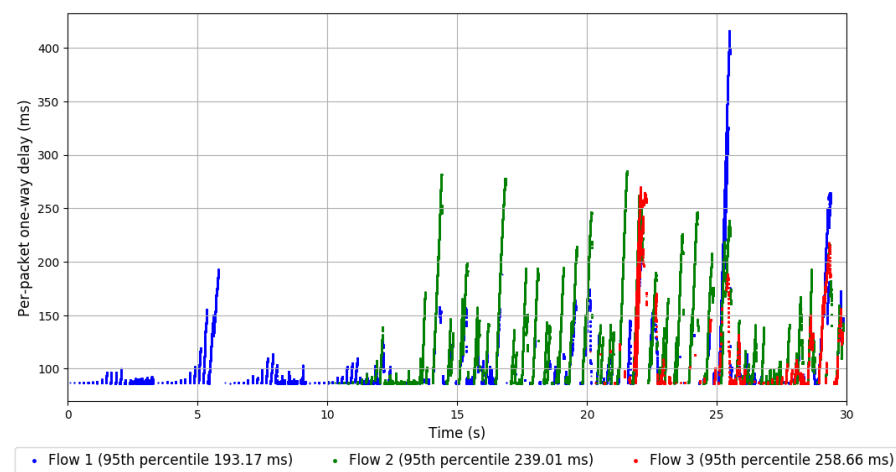
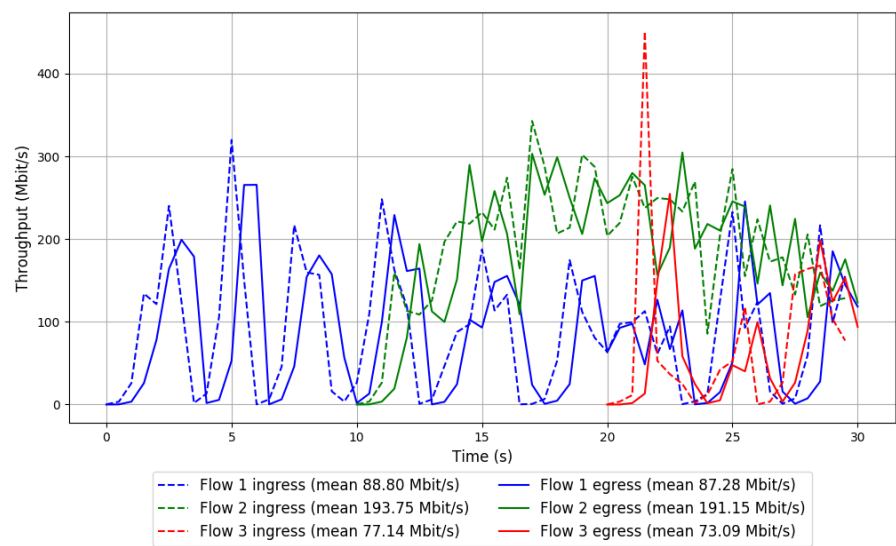


Run 6: Statistics of Verus

Start at: 2018-07-10 03:01:54
End at: 2018-07-10 03:02:24
Local clock offset: -0.03 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-07-10 07:34:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 237.96 Mbit/s
95th percentile per-packet one-way delay: 237.950 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: 193.166 ms
Loss rate: 1.68%
-- Flow 2:
Average throughput: 191.15 Mbit/s
95th percentile per-packet one-way delay: 239.009 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 73.09 Mbit/s
95th percentile per-packet one-way delay: 258.658 ms
Loss rate: 5.90%

Run 6: Report of Verus — Data Link

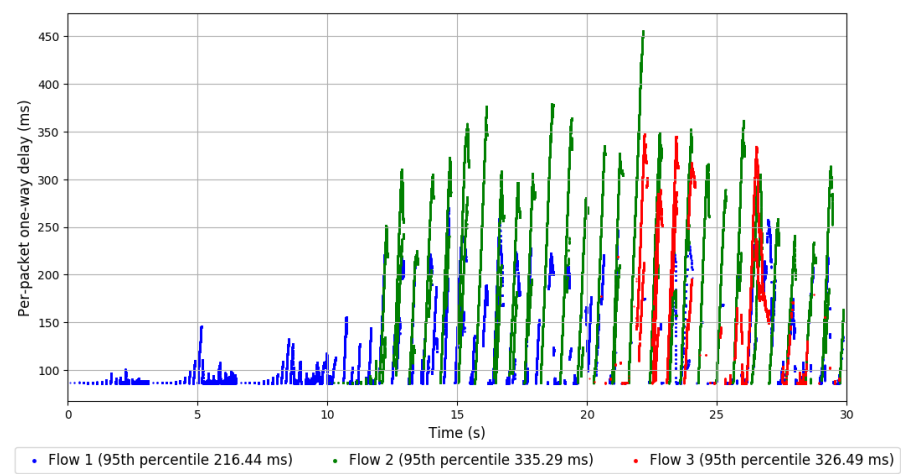
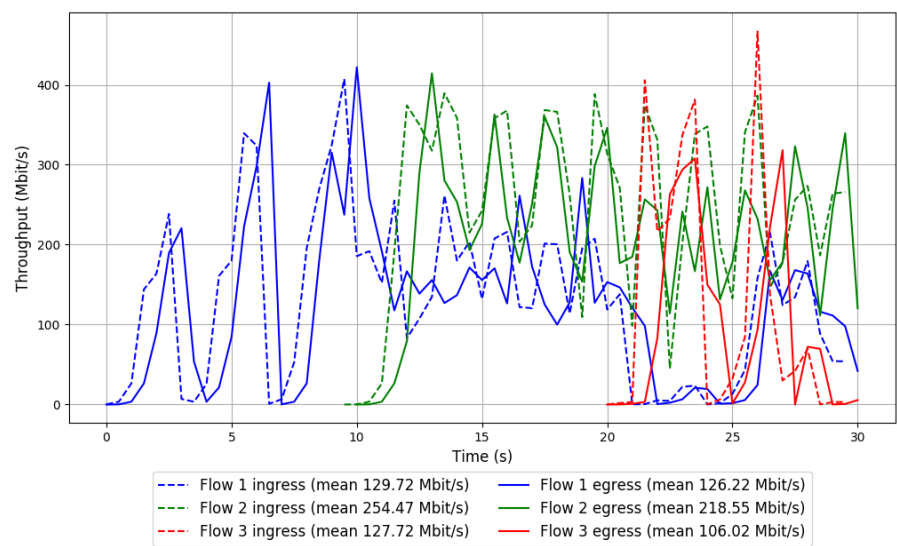


Run 7: Statistics of Verus

Start at: 2018-07-10 03:27:39
End at: 2018-07-10 03:28:09
Local clock offset: 0.041 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-07-10 07:37:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 305.63 Mbit/s
95th percentile per-packet one-way delay: 317.168 ms
Loss rate: 10.12%
-- Flow 1:
Average throughput: 126.22 Mbit/s
95th percentile per-packet one-way delay: 216.440 ms
Loss rate: 2.72%
-- Flow 2:
Average throughput: 218.55 Mbit/s
95th percentile per-packet one-way delay: 335.288 ms
Loss rate: 14.11%
-- Flow 3:
Average throughput: 106.02 Mbit/s
95th percentile per-packet one-way delay: 326.492 ms
Loss rate: 16.99%

Run 7: Report of Verus — Data Link

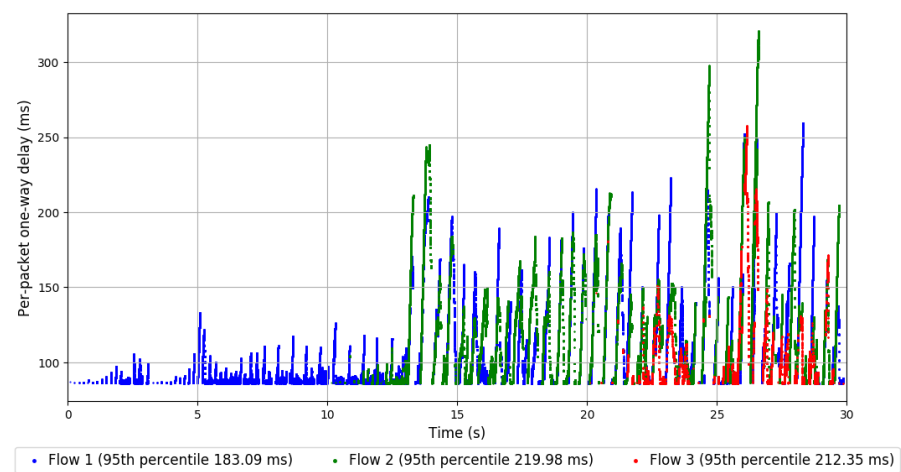
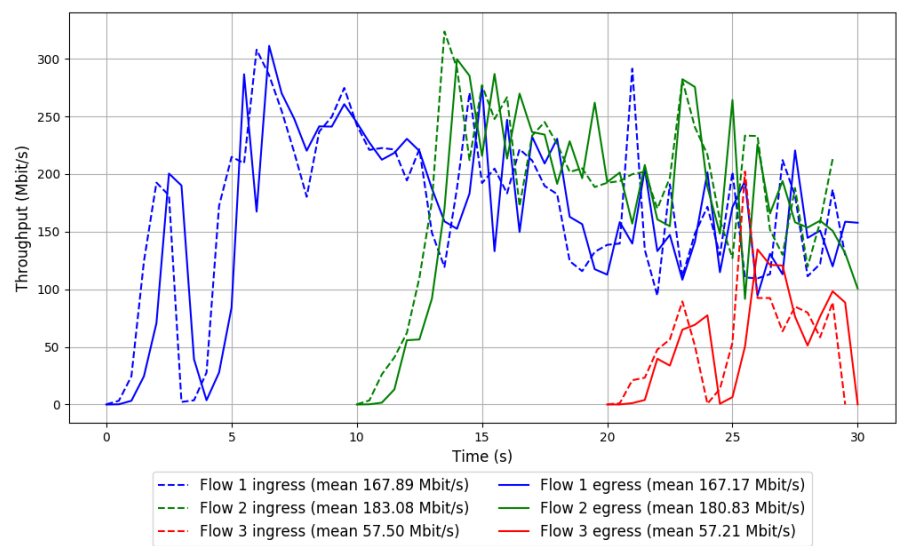


Run 8: Statistics of Verus

Start at: 2018-07-10 03:53:35
End at: 2018-07-10 03:54:05
Local clock offset: -0.202 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-10 07:37:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 304.64 Mbit/s
95th percentile per-packet one-way delay: 199.337 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 167.17 Mbit/s
95th percentile per-packet one-way delay: 183.089 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 180.83 Mbit/s
95th percentile per-packet one-way delay: 219.976 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 57.21 Mbit/s
95th percentile per-packet one-way delay: 212.355 ms
Loss rate: 0.51%

Run 8: Report of Verus — Data Link

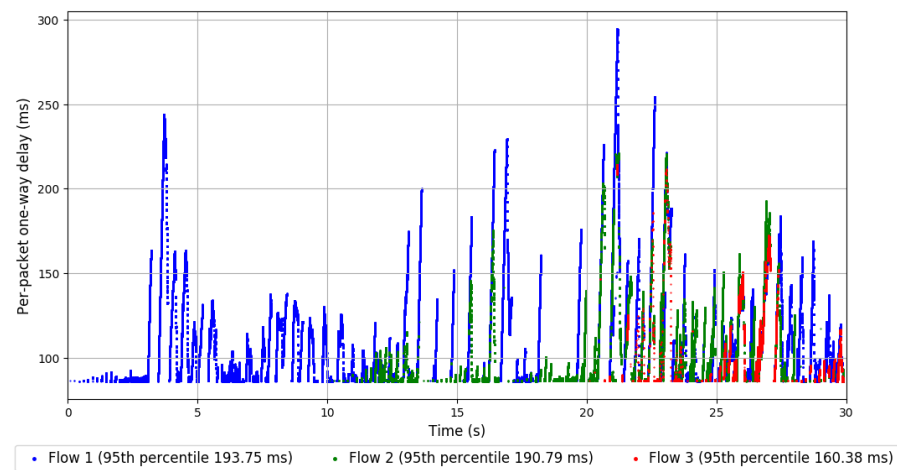
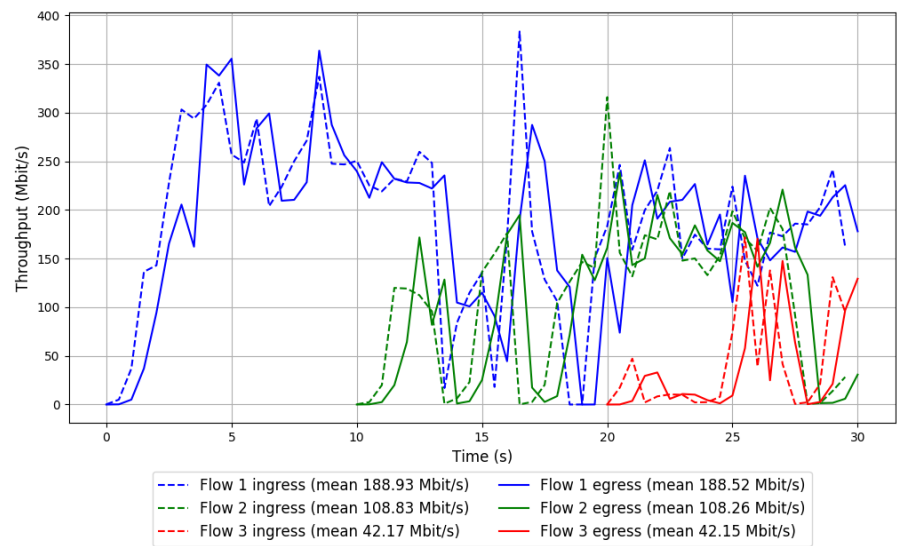


Run 9: Statistics of Verus

Start at: 2018-07-10 04:19:33
End at: 2018-07-10 04:20:03
Local clock offset: -0.018 ms
Remote clock offset: 0.008 ms

Below is generated by plot.py at 2018-07-10 07:37:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 274.24 Mbit/s
95th percentile per-packet one-way delay: 190.851 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 188.52 Mbit/s
95th percentile per-packet one-way delay: 193.754 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 108.26 Mbit/s
95th percentile per-packet one-way delay: 190.786 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 42.15 Mbit/s
95th percentile per-packet one-way delay: 160.382 ms
Loss rate: 0.03%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-07-10 04:45:25

End at: 2018-07-10 04:45:55

Local clock offset: -0.007 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-07-10 07:37:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 208.11 Mbit/s

95th percentile per-packet one-way delay: 148.472 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 127.50 Mbit/s

95th percentile per-packet one-way delay: 137.780 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 91.13 Mbit/s

95th percentile per-packet one-way delay: 182.542 ms

Loss rate: 0.69%

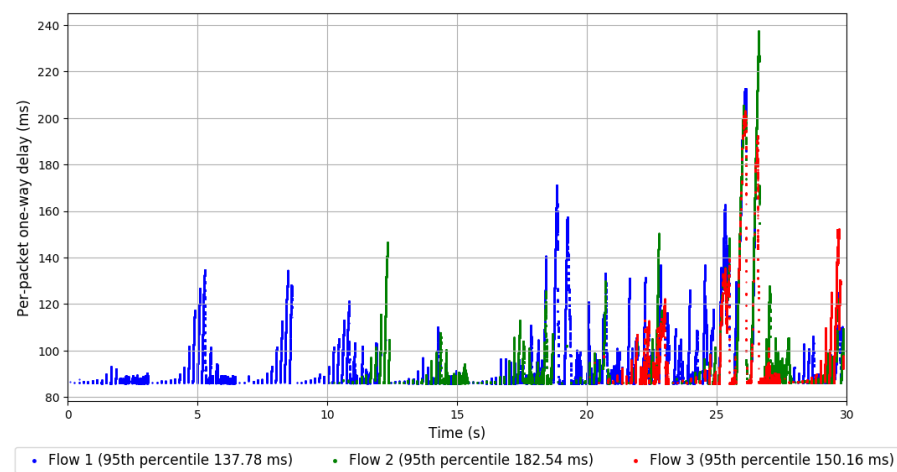
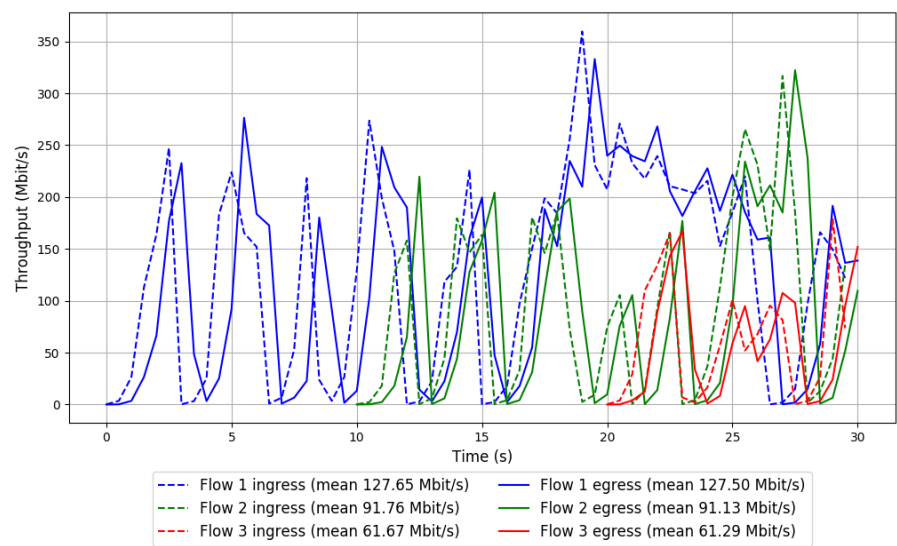
-- Flow 3:

Average throughput: 61.29 Mbit/s

95th percentile per-packet one-way delay: 150.155 ms

Loss rate: 0.65%

Run 10: Report of Verus — Data Link

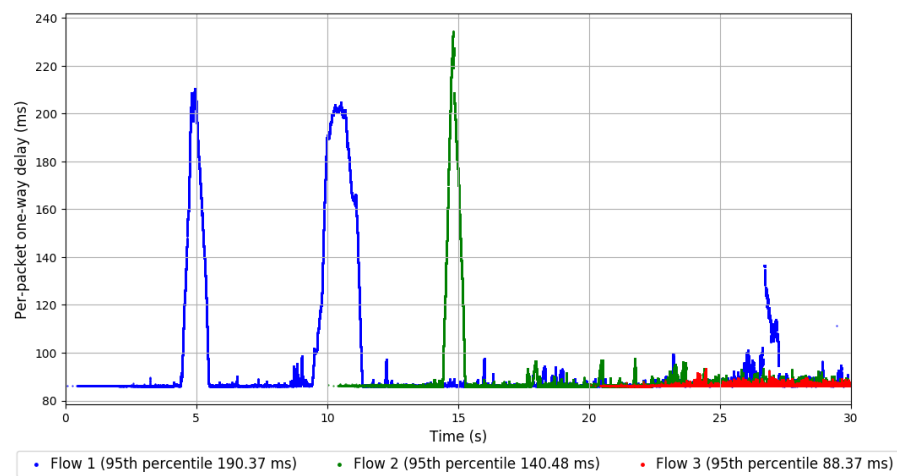
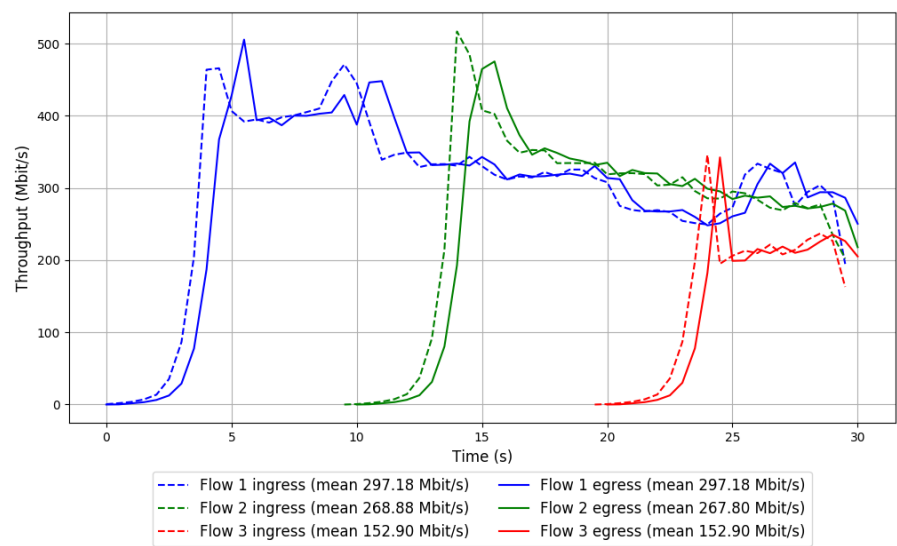


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-10 00:45:39
End at: 2018-07-10 00:46:09
Local clock offset: 0.001 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-07-10 07:42:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 526.06 Mbit/s
95th percentile per-packet one-way delay: 173.459 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 297.18 Mbit/s
95th percentile per-packet one-way delay: 190.374 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 267.80 Mbit/s
95th percentile per-packet one-way delay: 140.477 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 152.90 Mbit/s
95th percentile per-packet one-way delay: 88.370 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-07-10 01:11:41

End at: 2018-07-10 01:12:11

Local clock offset: -0.092 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2018-07-10 07:42:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 454.81 Mbit/s

95th percentile per-packet one-way delay: 115.800 ms

Loss rate: 0.46%

-- Flow 1:

Average throughput: 281.86 Mbit/s

95th percentile per-packet one-way delay: 109.919 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 188.91 Mbit/s

95th percentile per-packet one-way delay: 216.170 ms

Loss rate: 1.65%

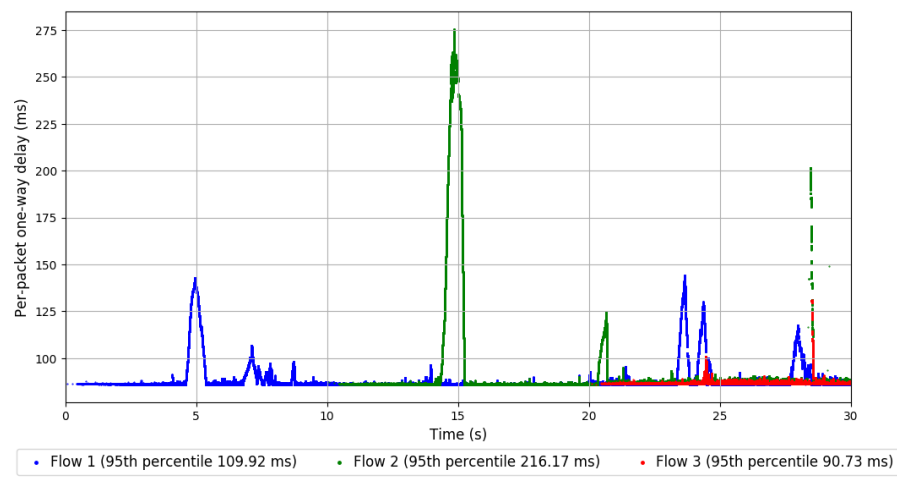
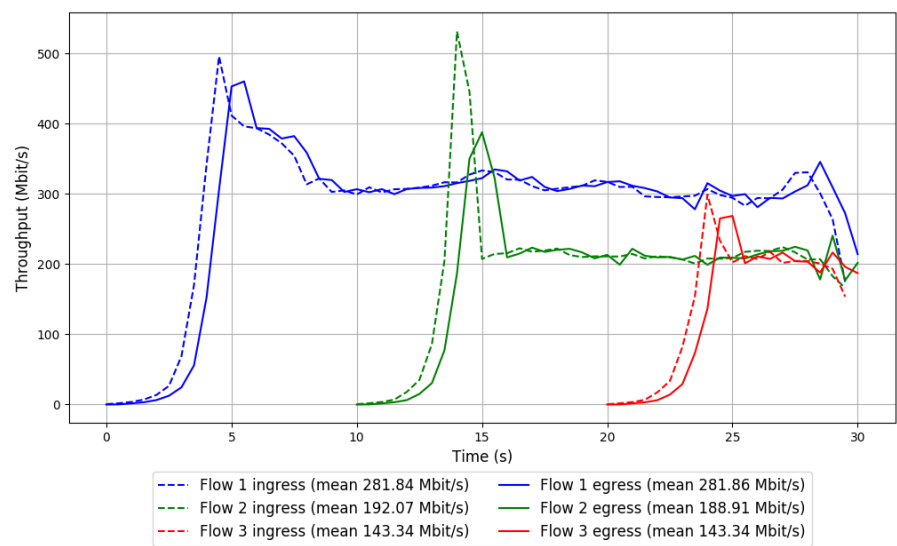
-- Flow 3:

Average throughput: 143.34 Mbit/s

95th percentile per-packet one-way delay: 90.730 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-07-10 01:37:39

End at: 2018-07-10 01:38:09

Local clock offset: -0.188 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2018-07-10 07:43:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 489.22 Mbit/s

95th percentile per-packet one-way delay: 135.566 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 298.30 Mbit/s

95th percentile per-packet one-way delay: 154.362 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 172.76 Mbit/s

95th percentile per-packet one-way delay: 88.129 ms

Loss rate: 0.00%

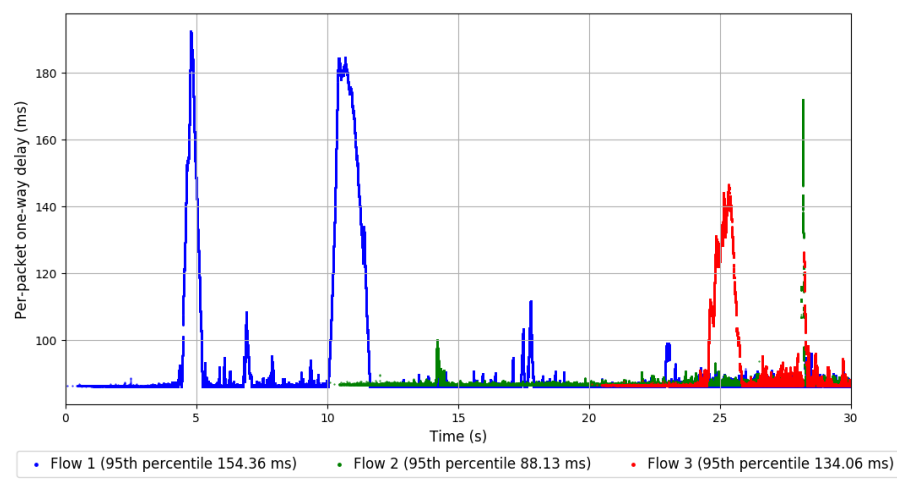
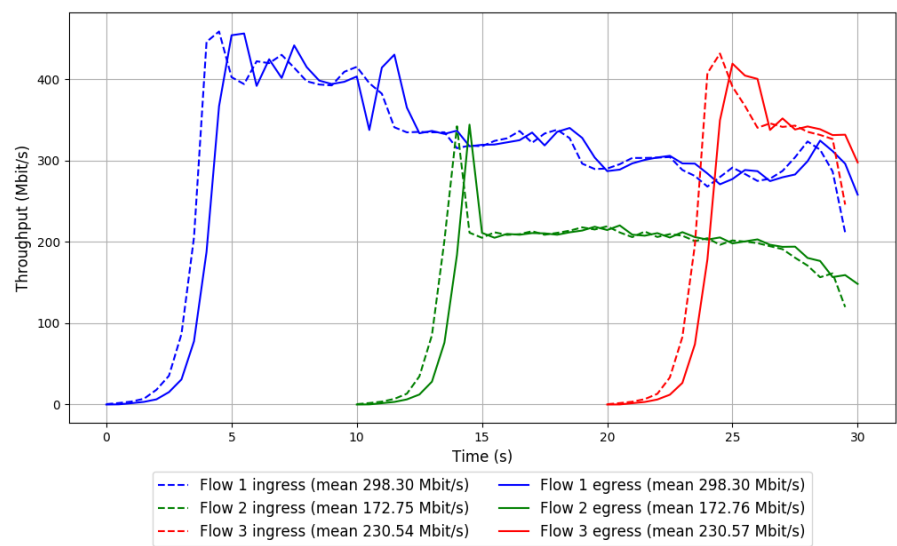
-- Flow 3:

Average throughput: 230.57 Mbit/s

95th percentile per-packet one-way delay: 134.061 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

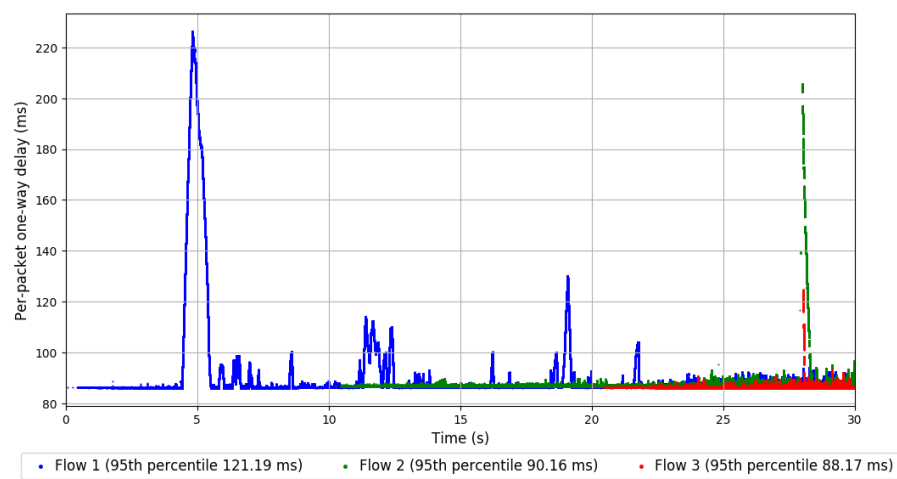
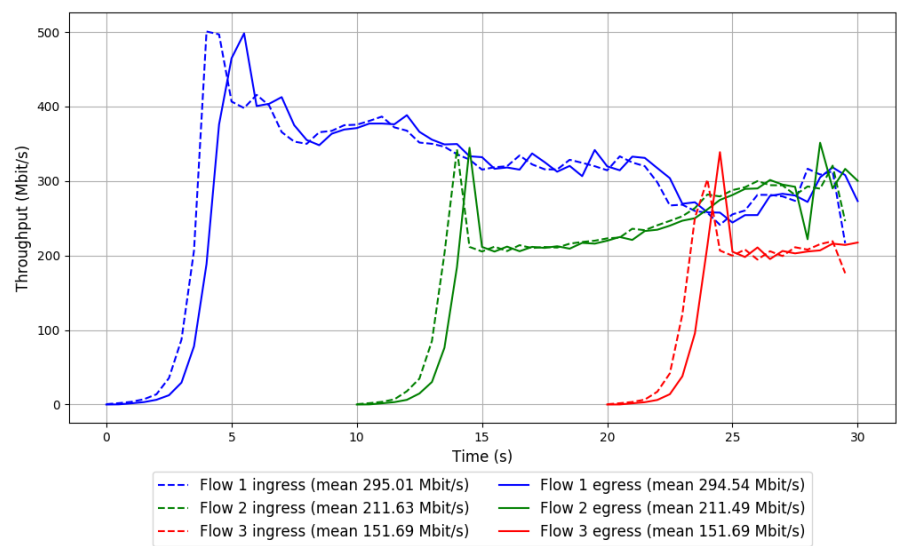


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-10 02:03:42
End at: 2018-07-10 02:04:12
Local clock offset: -0.205 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-07-10 07:43:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 485.11 Mbit/s
95th percentile per-packet one-way delay: 106.288 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 294.54 Mbit/s
95th percentile per-packet one-way delay: 121.193 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 211.49 Mbit/s
95th percentile per-packet one-way delay: 90.162 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 151.69 Mbit/s
95th percentile per-packet one-way delay: 88.171 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-07-10 02:29:27

End at: 2018-07-10 02:29:57

Local clock offset: -0.2 ms

Remote clock offset: 0.002 ms

Below is generated by plot.py at 2018-07-10 07:45:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 496.24 Mbit/s

95th percentile per-packet one-way delay: 103.549 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 308.37 Mbit/s

95th percentile per-packet one-way delay: 123.374 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 210.94 Mbit/s

95th percentile per-packet one-way delay: 96.900 ms

Loss rate: 0.00%

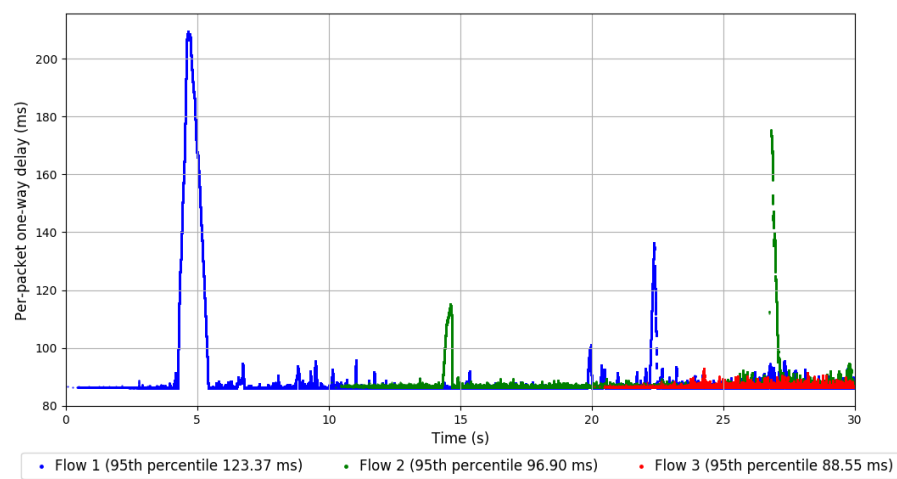
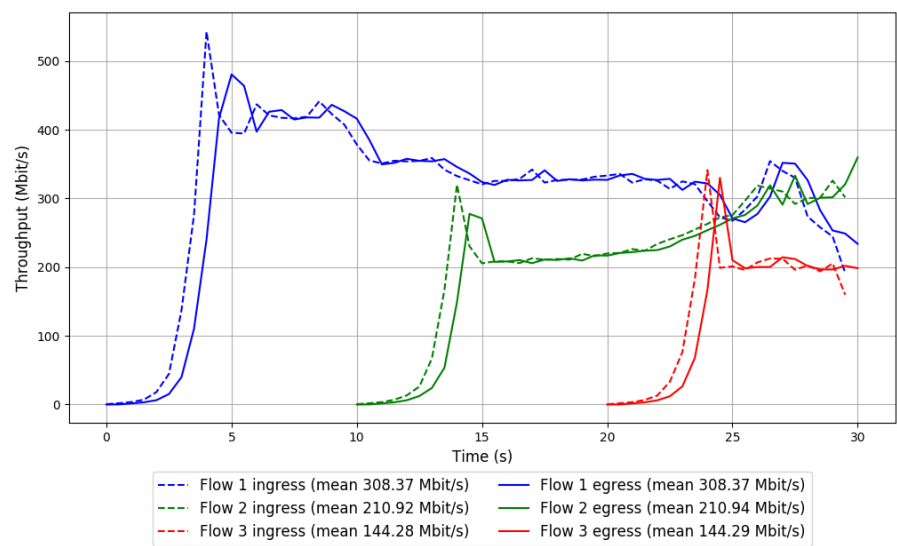
-- Flow 3:

Average throughput: 144.29 Mbit/s

95th percentile per-packet one-way delay: 88.551 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

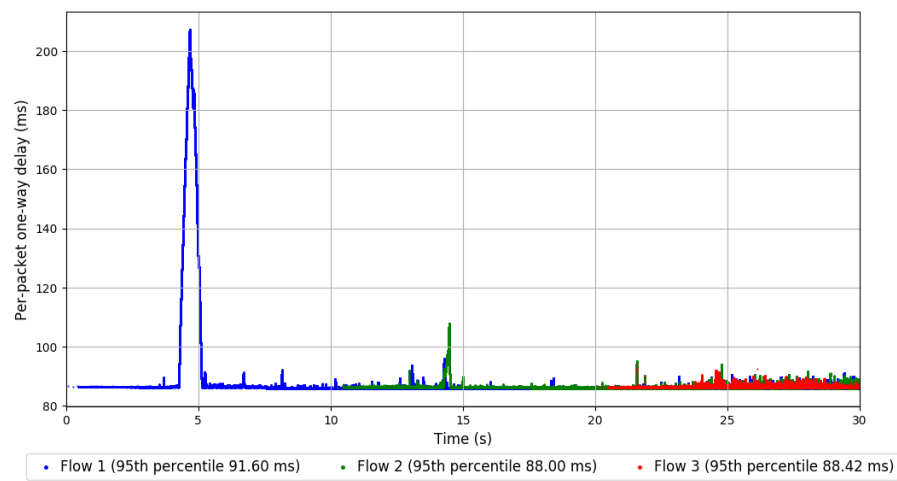
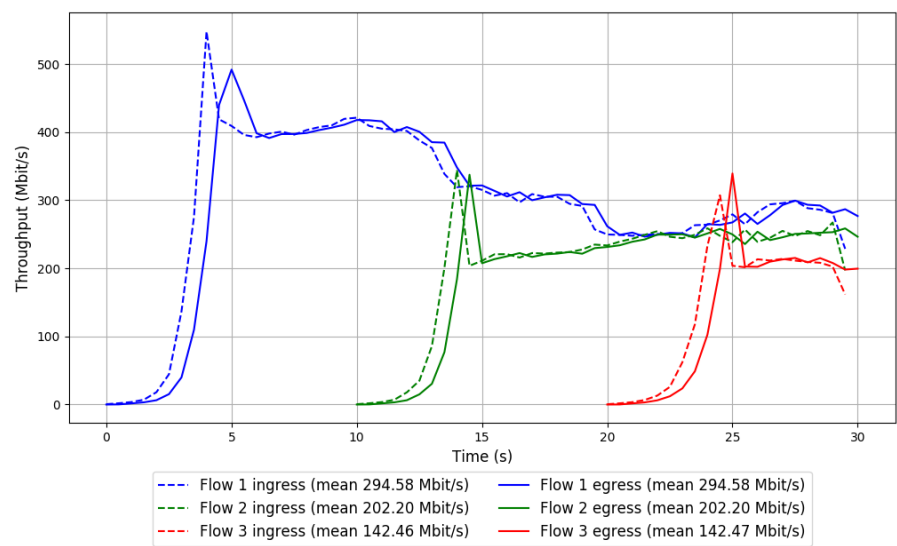


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-10 02:55:24
End at: 2018-07-10 02:55:54
Local clock offset: -0.011 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-07-10 07:45:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 476.05 Mbit/s
95th percentile per-packet one-way delay: 89.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 294.58 Mbit/s
95th percentile per-packet one-way delay: 91.599 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 202.20 Mbit/s
95th percentile per-packet one-way delay: 88.004 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 142.47 Mbit/s
95th percentile per-packet one-way delay: 88.417 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

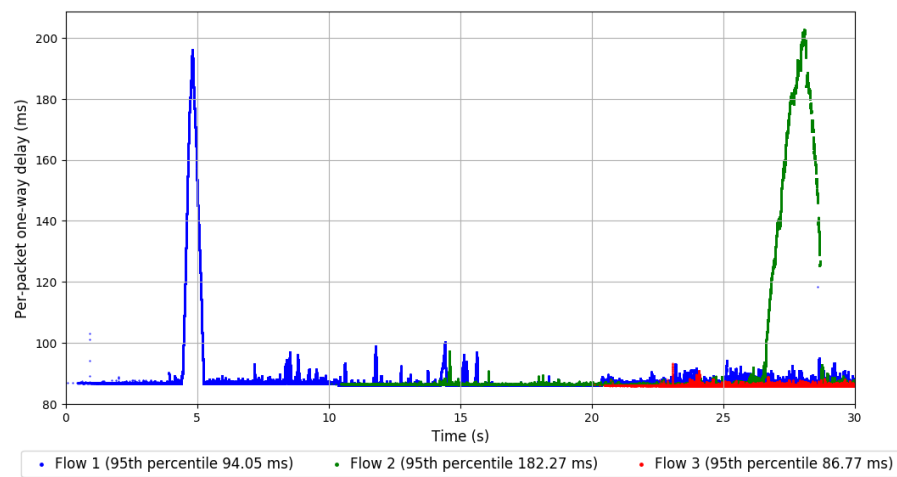
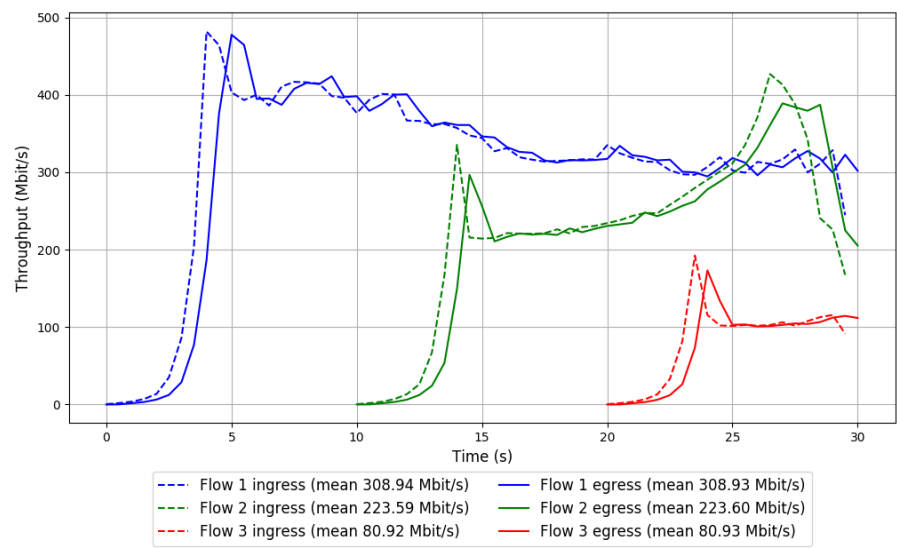


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-10 03:21:21
End at: 2018-07-10 03:21:51
Local clock offset: -0.07 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-10 07:46:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 484.32 Mbit/s
95th percentile per-packet one-way delay: 147.261 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 308.93 Mbit/s
95th percentile per-packet one-way delay: 94.049 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 223.60 Mbit/s
95th percentile per-packet one-way delay: 182.269 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 80.93 Mbit/s
95th percentile per-packet one-way delay: 86.771 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

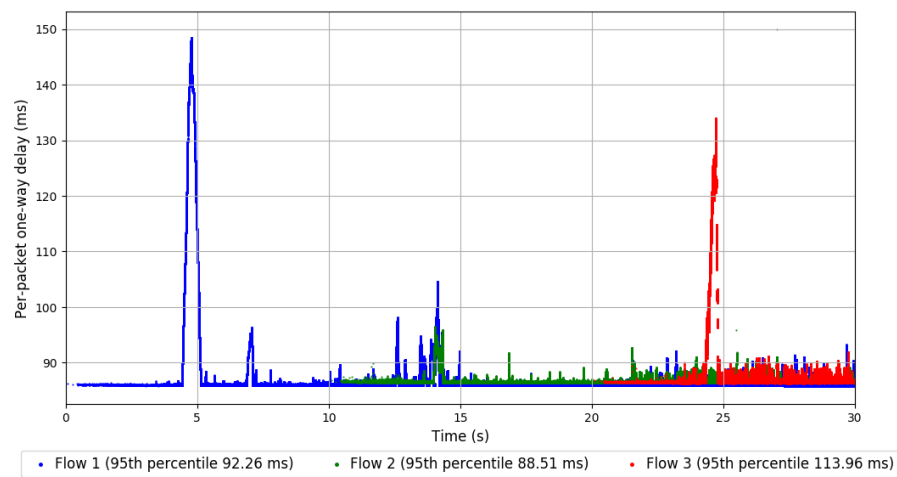
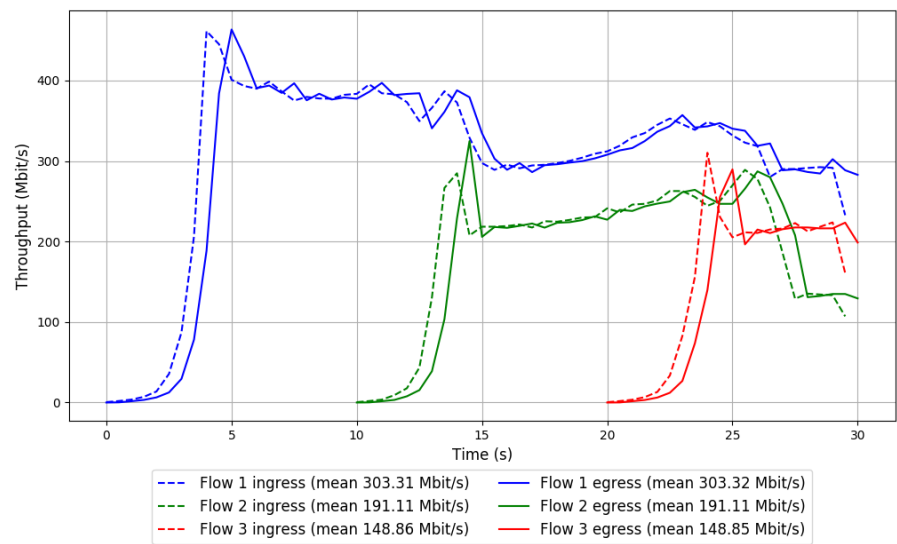


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-10 03:47:14
End at: 2018-07-10 03:47:44
Local clock offset: -0.013 ms
Remote clock offset: -0.122 ms

Below is generated by plot.py at 2018-07-10 07:46:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 479.52 Mbit/s
95th percentile per-packet one-way delay: 91.599 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 303.32 Mbit/s
95th percentile per-packet one-way delay: 92.258 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.11 Mbit/s
95th percentile per-packet one-way delay: 88.512 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 148.85 Mbit/s
95th percentile per-packet one-way delay: 113.959 ms
Loss rate: 0.01%

Run 8: Report of PCC-Vivace — Data Link

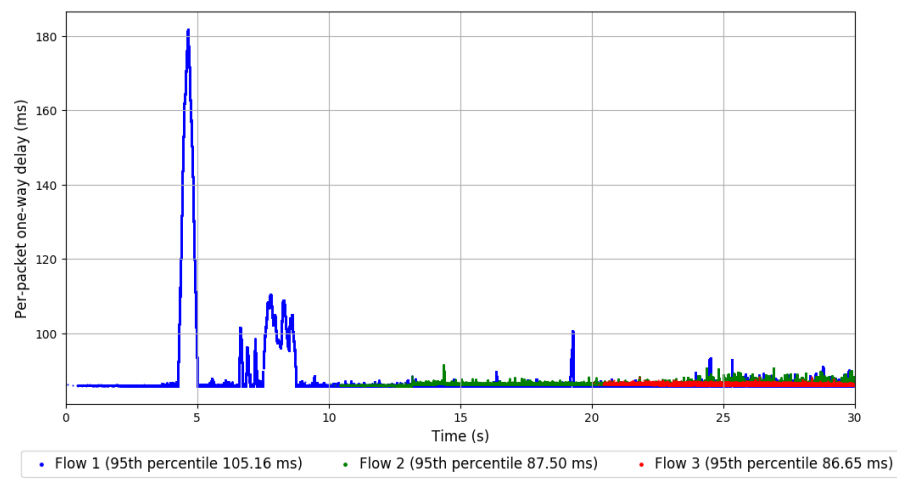
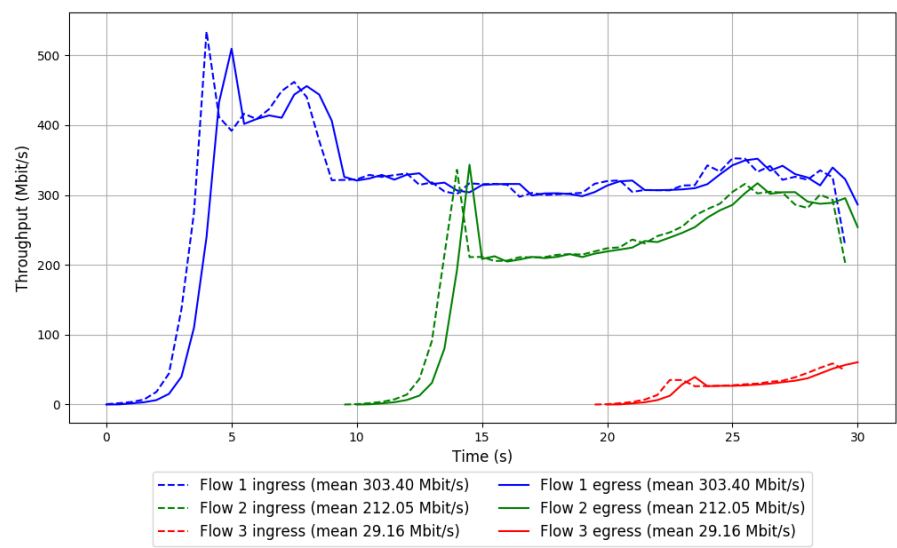


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-10 04:13:08
End at: 2018-07-10 04:13:38
Local clock offset: -0.078 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-07-10 07:46:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 454.20 Mbit/s
95th percentile per-packet one-way delay: 99.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 303.40 Mbit/s
95th percentile per-packet one-way delay: 105.155 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 212.05 Mbit/s
95th percentile per-packet one-way delay: 87.503 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.16 Mbit/s
95th percentile per-packet one-way delay: 86.650 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

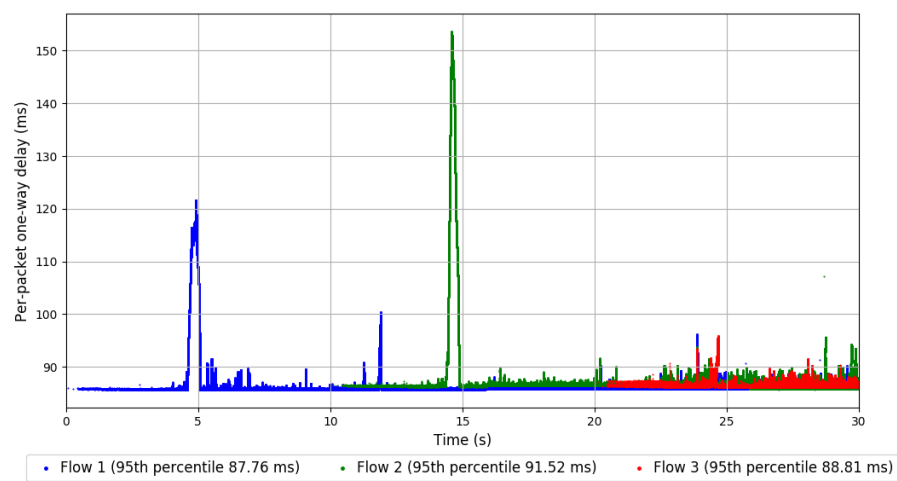
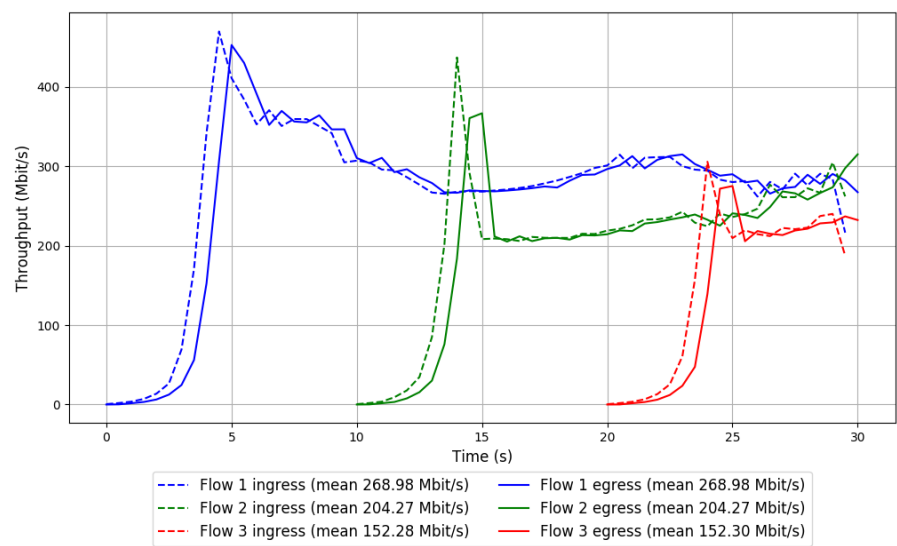


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-10 04:39:05
End at: 2018-07-10 04:39:35
Local clock offset: 0.098 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-07-10 07:47:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 455.04 Mbit/s
95th percentile per-packet one-way delay: 88.762 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 268.98 Mbit/s
95th percentile per-packet one-way delay: 87.759 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 204.27 Mbit/s
95th percentile per-packet one-way delay: 91.520 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 152.30 Mbit/s
95th percentile per-packet one-way delay: 88.808 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

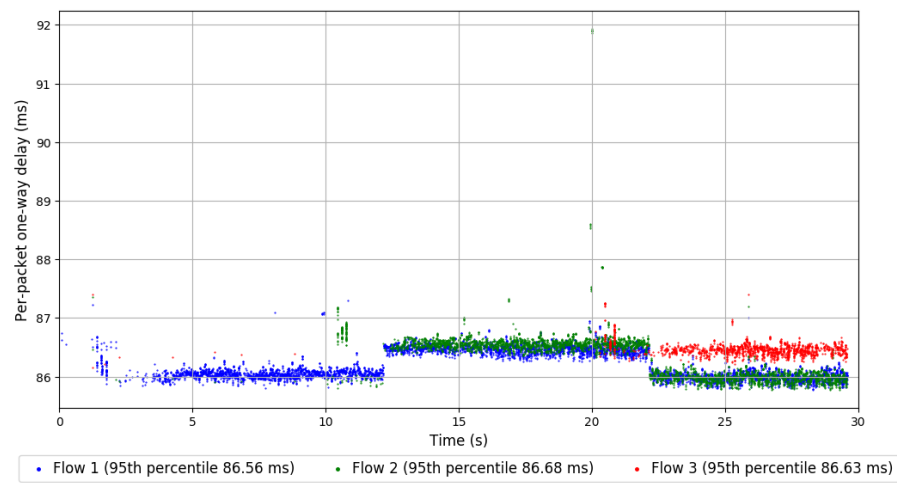
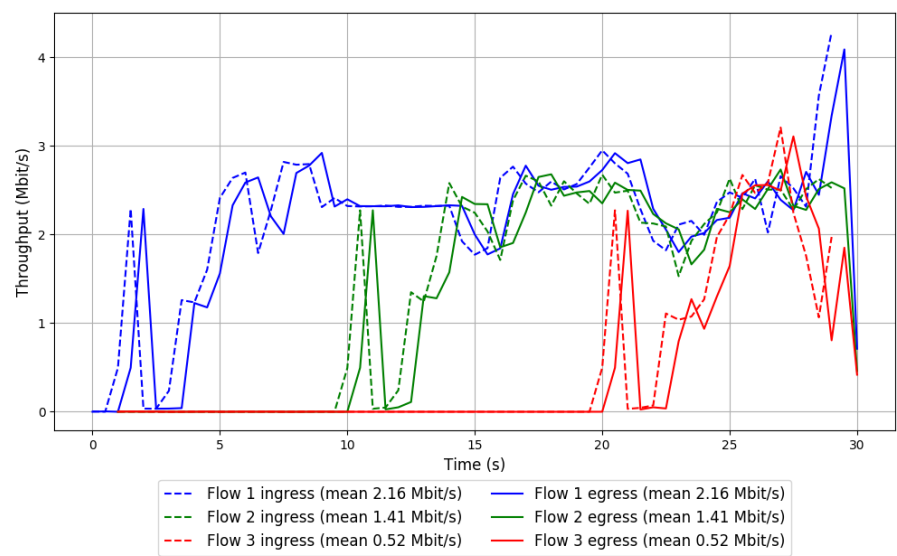


Run 1: Statistics of WebRTC media

Start at: 2018-07-10 00:47:29
End at: 2018-07-10 00:47:59
Local clock offset: 0.013 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2018-07-10 07:47:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 86.632 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 86.562 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 86.684 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 86.633 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-07-10 01:13:26

End at: 2018-07-10 01:13:56

Local clock offset: -0.016 ms

Remote clock offset: 0.046 ms

Below is generated by plot.py at 2018-07-10 07:47:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.57 Mbit/s

95th percentile per-packet one-way delay: 86.681 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.93 Mbit/s

95th percentile per-packet one-way delay: 86.439 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: 86.785 ms

Loss rate: 0.00%

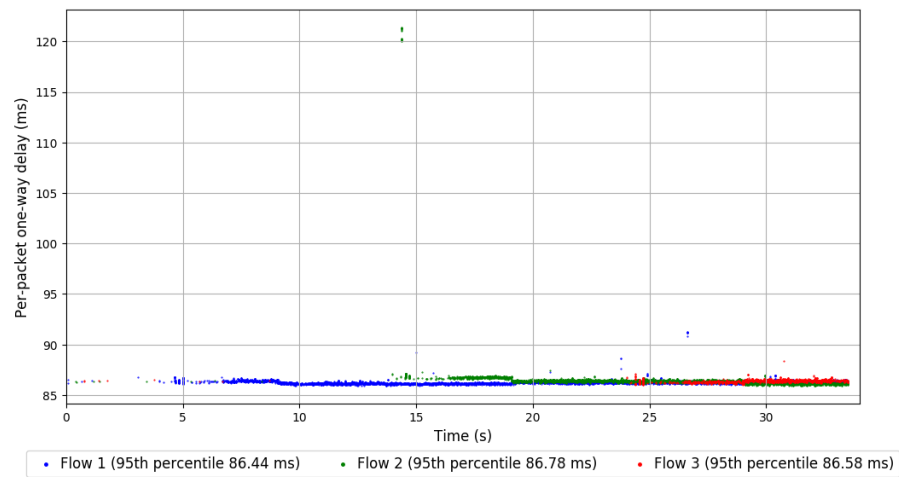
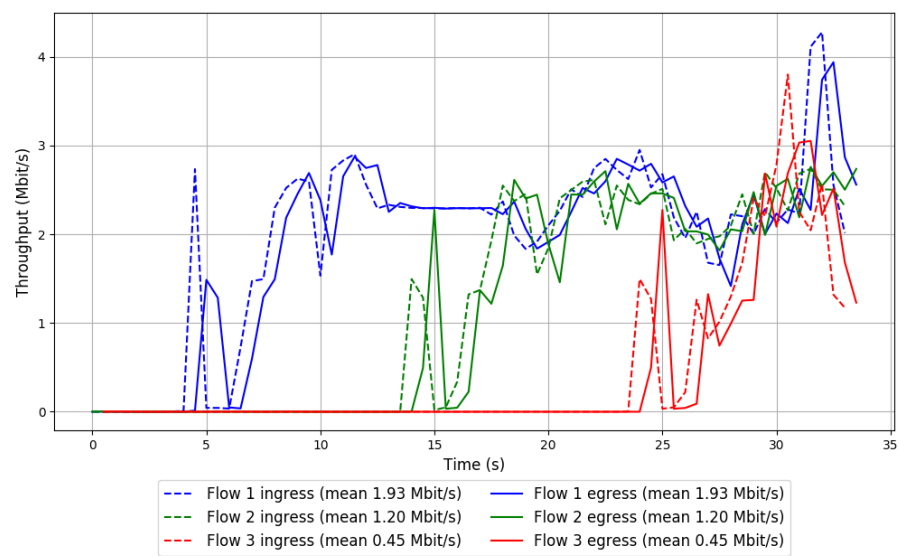
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 86.579 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

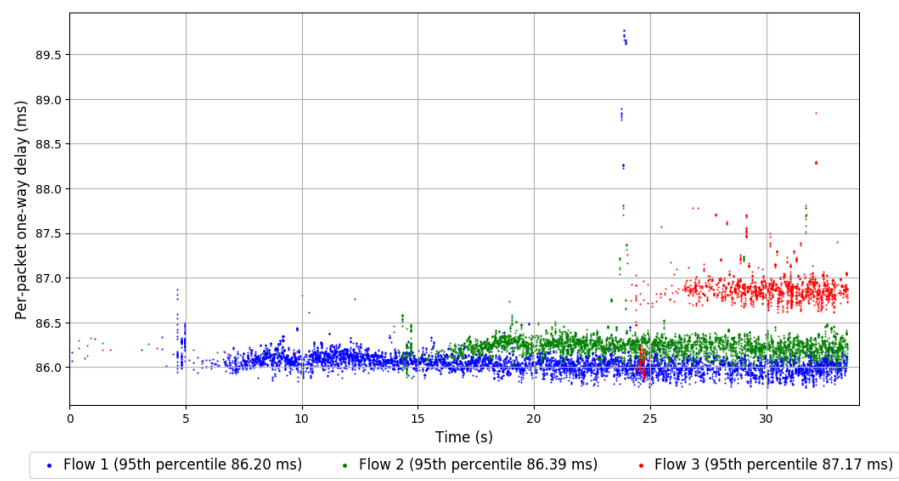
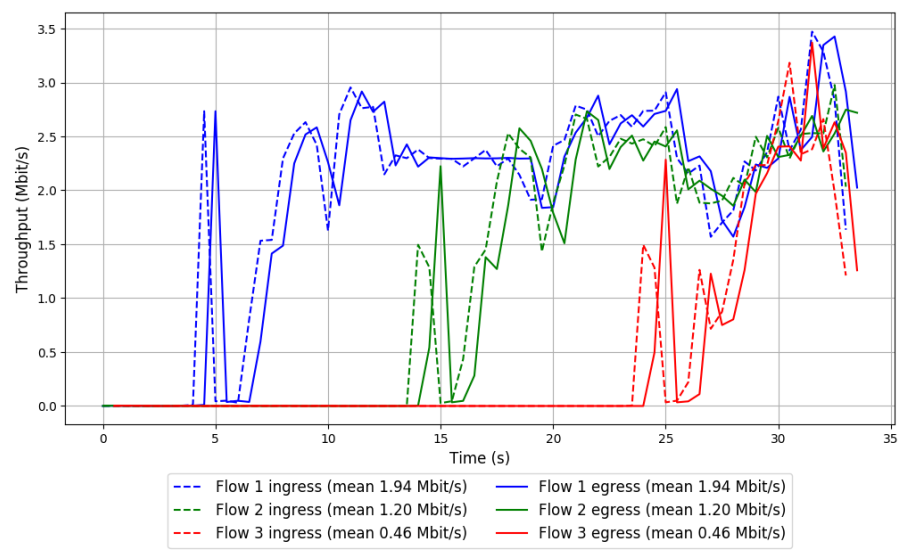


Run 3: Statistics of WebRTC media

Start at: 2018-07-10 01:39:26
End at: 2018-07-10 01:39:56
Local clock offset: 0.024 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-07-10 07:47:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 86.897 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 86.198 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 86.385 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 87.167 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

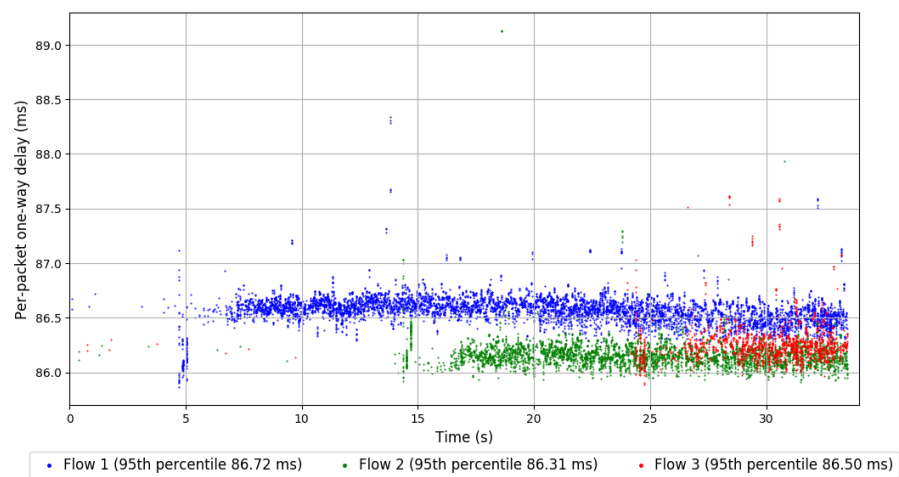
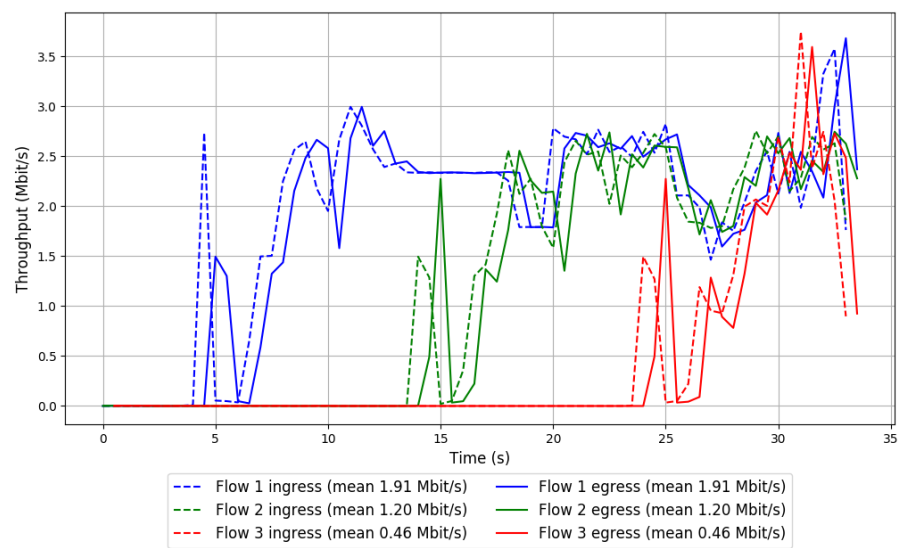


Run 4: Statistics of WebRTC media

Start at: 2018-07-10 02:05:30
End at: 2018-07-10 02:06:00
Local clock offset: 0.064 ms
Remote clock offset: -0.048 ms

```
# Below is generated by plot.py at 2018-07-10 07:47:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 86.695 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 86.721 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 86.306 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 86.499 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

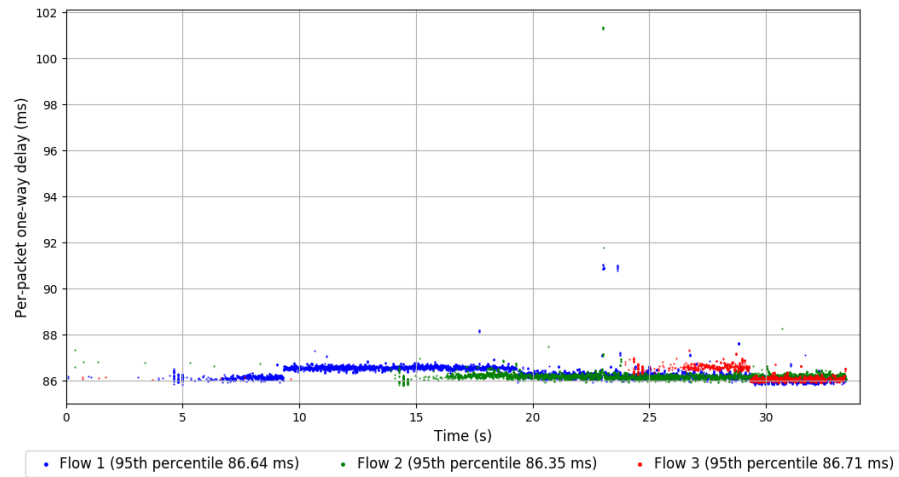
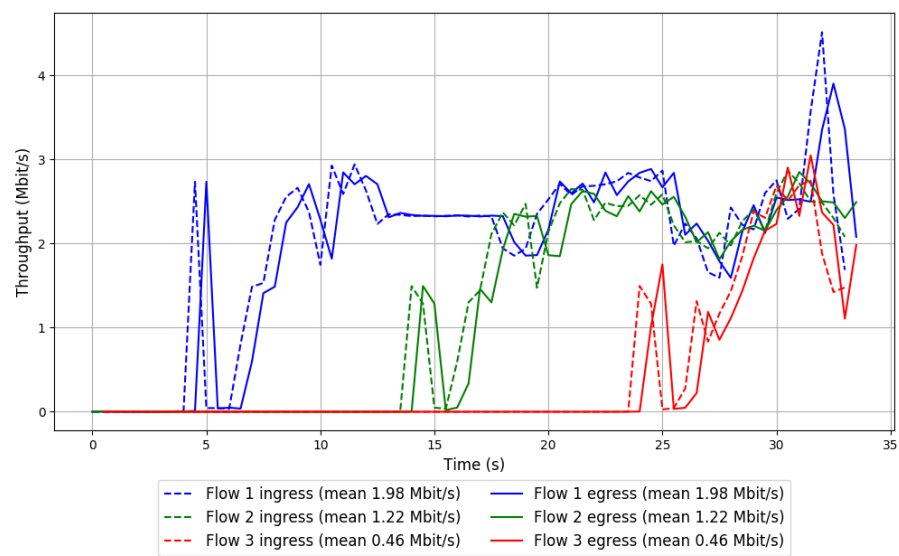


Run 5: Statistics of WebRTC media

Start at: 2018-07-10 02:31:15
End at: 2018-07-10 02:31:45
Local clock offset: 0.191 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2018-07-10 07:47:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 86.624 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 86.636 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 86.351 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 86.714 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

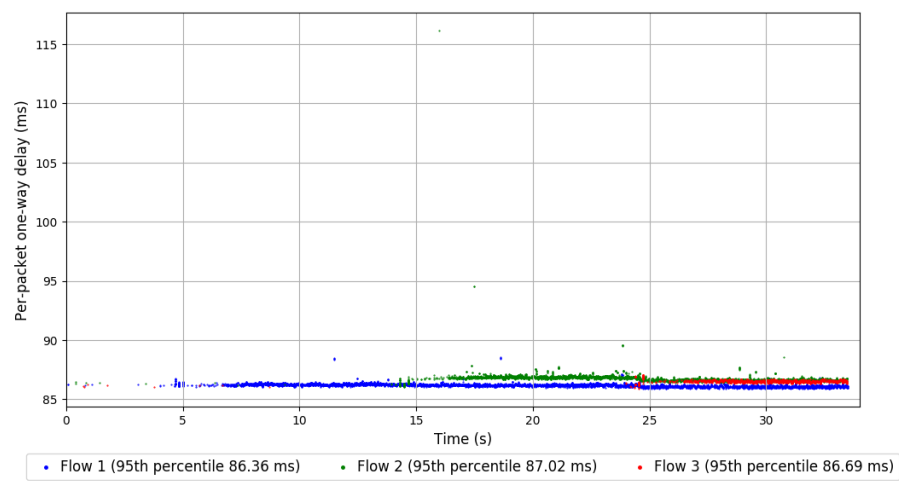
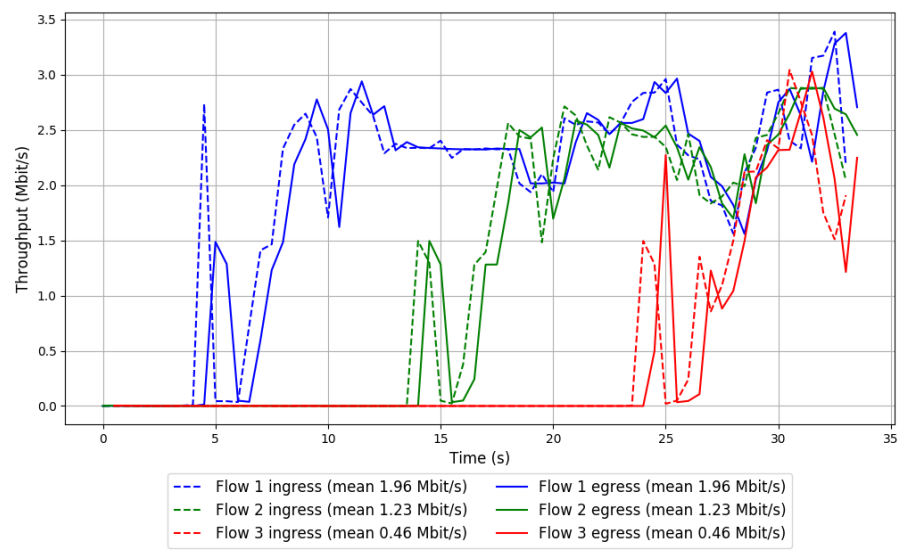


Run 6: Statistics of WebRTC media

Start at: 2018-07-10 02:57:10
End at: 2018-07-10 02:57:40
Local clock offset: -0.062 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-07-10 07:47:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.63 Mbit/s
95th percentile per-packet one-way delay: 86.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 86.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 87.019 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 86.688 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

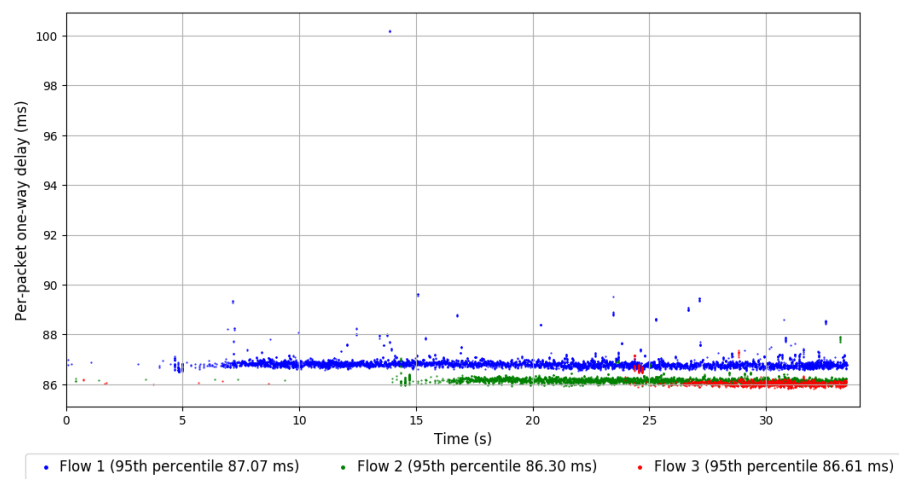
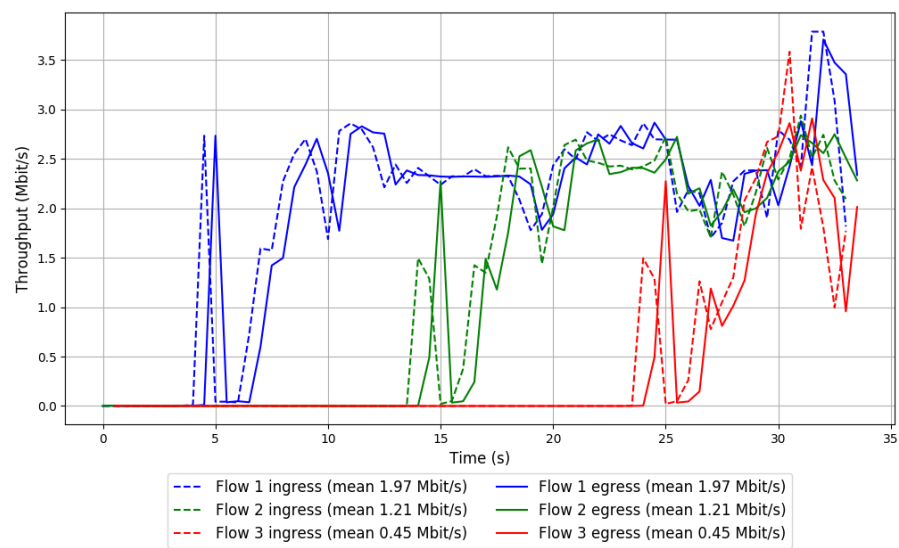


Run 7: Statistics of WebRTC media

Start at: 2018-07-10 03:23:08
End at: 2018-07-10 03:23:38
Local clock offset: -0.037 ms
Remote clock offset: -0.076 ms

```
# Below is generated by plot.py at 2018-07-10 07:47:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 86.972 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 87.066 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 86.298 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 86.612 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-07-10 03:49:00

End at: 2018-07-10 03:49:30

Local clock offset: -0.018 ms

Remote clock offset: -0.11 ms

Below is generated by plot.py at 2018-07-10 07:47:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.60 Mbit/s

95th percentile per-packet one-way delay: 86.527 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 86.393 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 86.275 ms

Loss rate: 0.00%

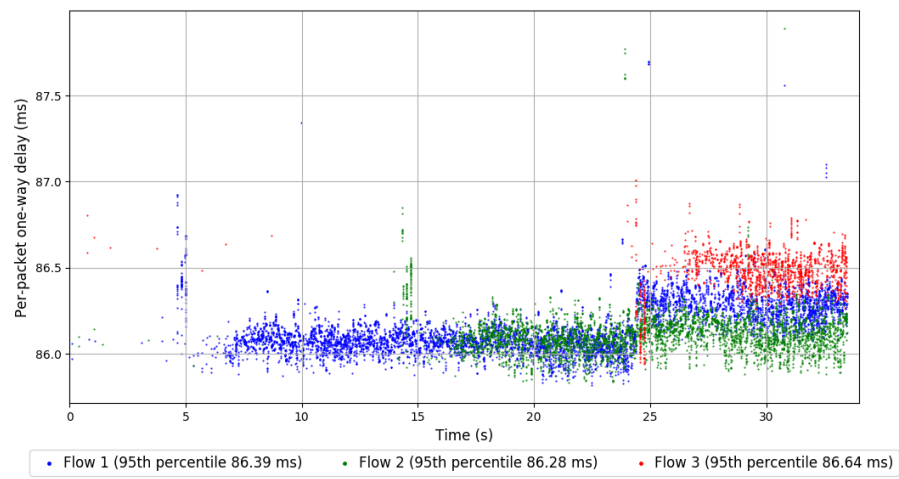
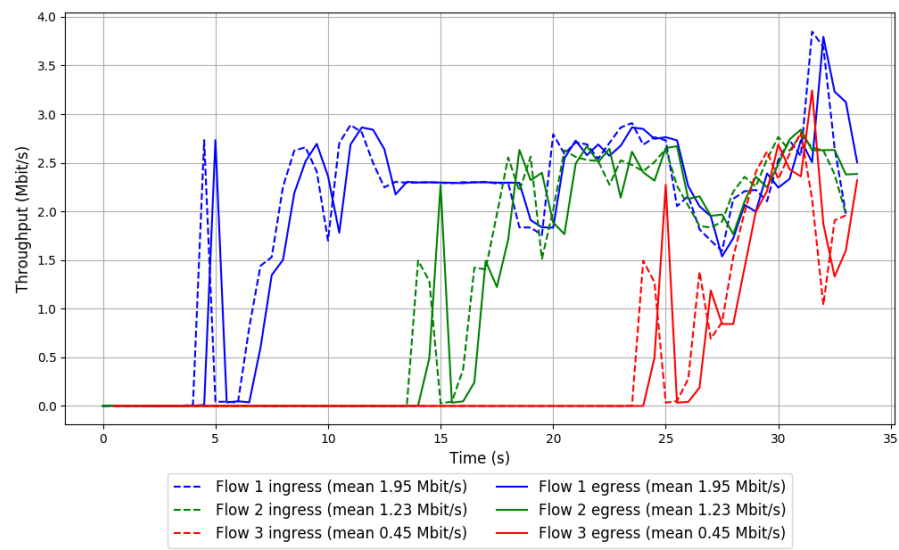
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 86.645 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-07-10 04:14:53

End at: 2018-07-10 04:15:23

Local clock offset: -0.037 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-07-10 07:47:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.65 Mbit/s

95th percentile per-packet one-way delay: 86.740 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.98 Mbit/s

95th percentile per-packet one-way delay: 86.753 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 86.631 ms

Loss rate: 0.00%

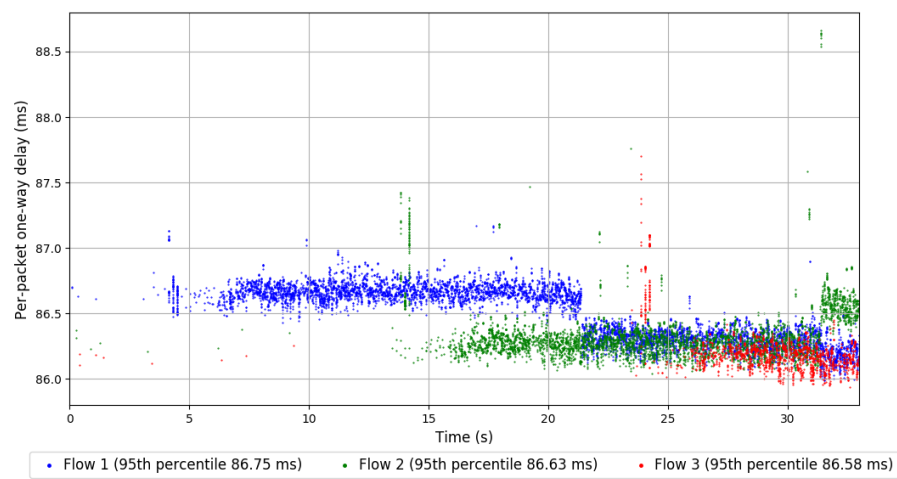
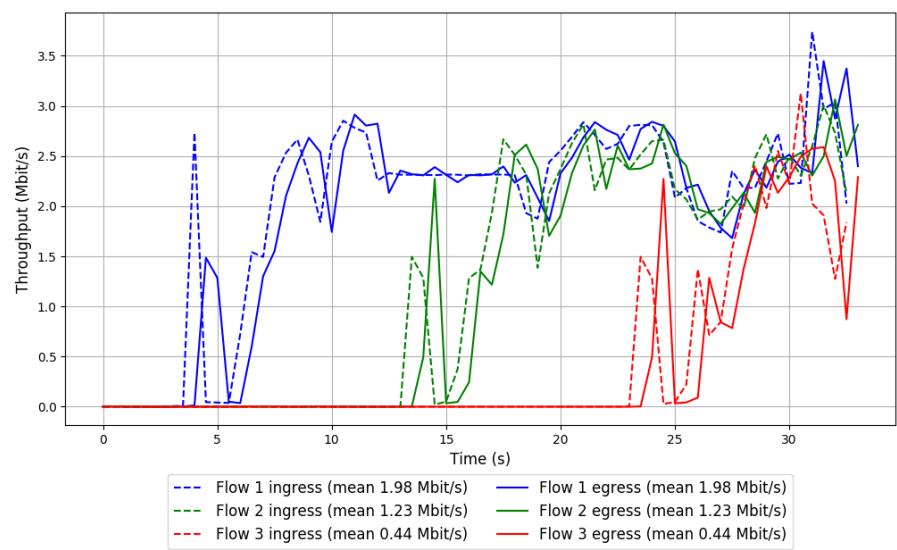
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 86.580 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-10 04:40:50
End at: 2018-07-10 04:41:20
Local clock offset: -0.069 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-07-10 07:47:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.68 Mbit/s
95th percentile per-packet one-way delay: 86.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 86.389 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 86.730 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 86.391 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

