

Pantheon Report

Generated at 2018-07-03 21:39:23 (UTC).

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

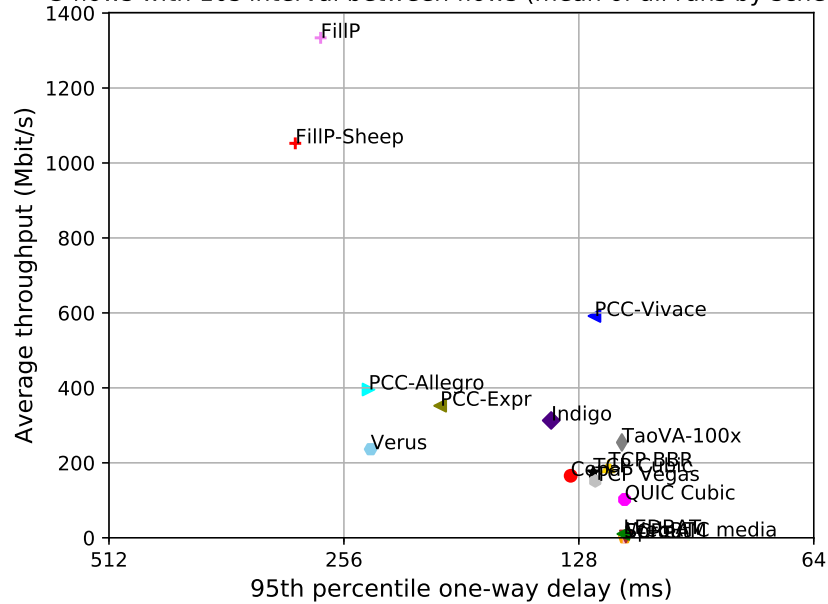
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

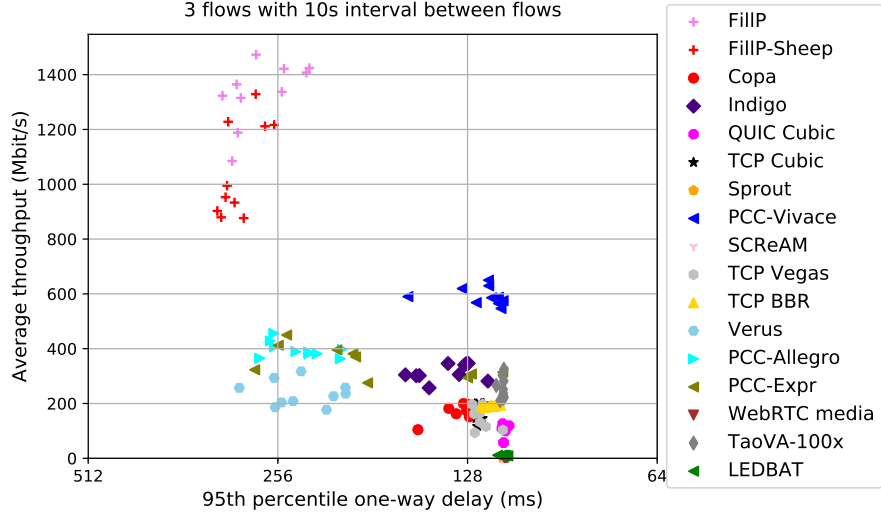
Git summary:

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



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



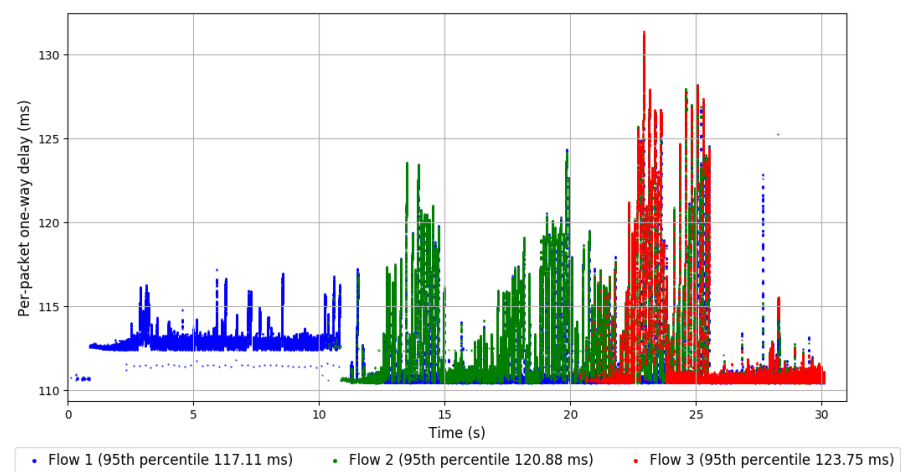
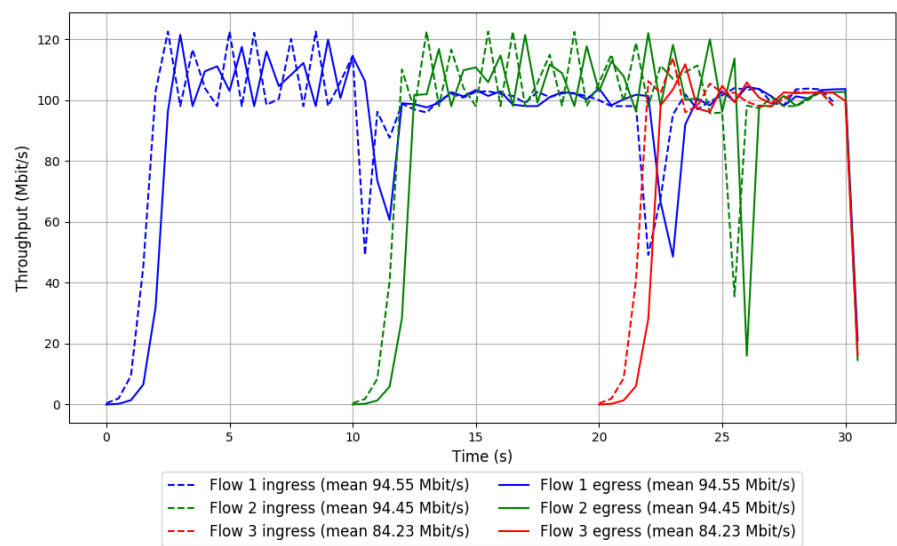
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	97.57	95.99	87.82	115.85	117.65	119.00	0.00	0.02	0.02
Copa	10	100.26	75.94	54.37	129.86	130.99	135.31	0.00	0.00	0.00
TCP Cubic	10	102.69	68.39	81.01	122.64	122.74	122.41	0.03	0.01	0.25
FillP	10	686.85	714.75	516.57	272.64	252.57	237.79	2.57	2.10	1.37
FillP-Sheep	10	433.06	652.31	560.22	298.53	296.67	189.13	4.24	4.25	1.26
Indigo	10	169.62	156.36	124.12	134.27	139.44	142.51	0.03	0.05	0.02
LEDBAT	10	7.13	3.90	2.04	112.31	112.10	111.81	0.00	0.00	0.00
PCC-Allegro	10	343.51	63.31	30.41	237.71	239.08	221.27	1.59	1.54	2.08
PCC-Expr	10	252.98	130.64	37.74	194.26	175.37	172.98	1.40	0.74	1.61
QUIC Cubic	10	51.03	55.60	44.19	111.44	111.58	111.55	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	111.91	111.68	111.54	0.00	0.00	0.00
Sprout	10	0.21	0.22	0.26	111.71	111.75	111.72	0.00	0.00	0.00
TaoVA-100x	10	172.14	100.45	51.05	112.26	113.59	116.12	0.00	0.00	0.01
TCP Vegas	10	80.25	75.92	64.09	121.15	121.96	121.35	0.00	0.09	0.03
Verus	10	148.63	94.37	78.14	225.67	242.66	243.58	1.01	2.08	4.60
PCC-Vivace	10	337.29	314.20	138.23	120.45	126.24	124.00	0.06	0.04	0.03
WebRTC media	10	1.93	1.18	0.41	111.22	111.05	111.43	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-03 15:02:08
End at: 2018-07-03 15:02:38
Local clock offset: -0.196 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2018-07-03 19:33:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 185.50 Mbit/s
95th percentile per-packet one-way delay: 120.151 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 117.109 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 120.878 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.23 Mbit/s
95th percentile per-packet one-way delay: 123.746 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

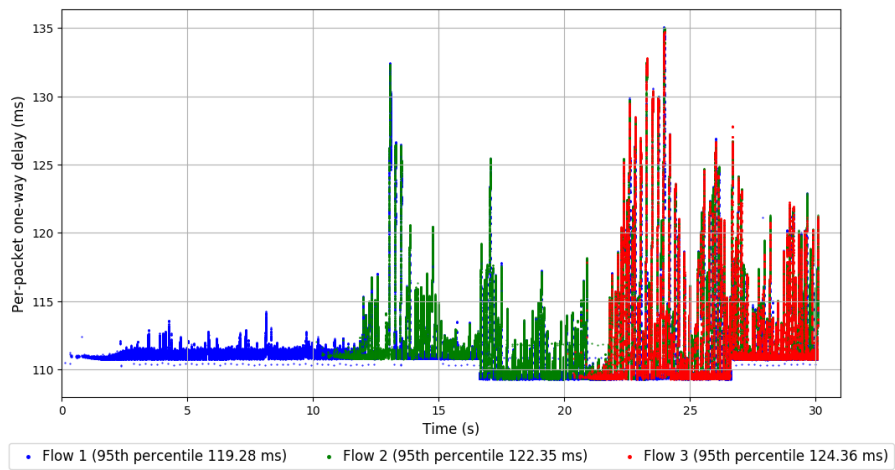
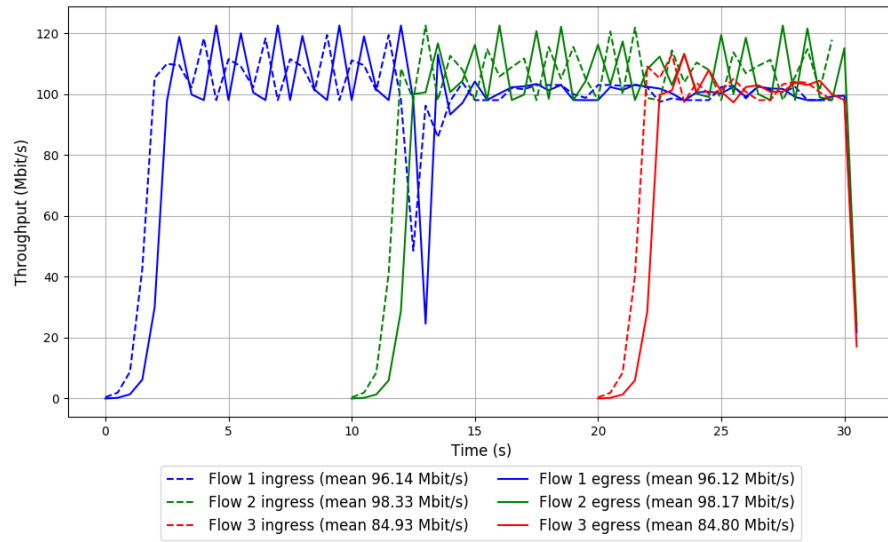


Run 2: Statistics of TCP BBR

Start at: 2018-07-03 15:28:13
End at: 2018-07-03 15:28:43
Local clock offset: 0.144 ms
Remote clock offset: -0.476 ms

Below is generated by plot.py at 2018-07-03 19:33:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.63 Mbit/s
95th percentile per-packet one-way delay: 121.614 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 119.283 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.17 Mbit/s
95th percentile per-packet one-way delay: 122.350 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 84.80 Mbit/s
95th percentile per-packet one-way delay: 124.365 ms
Loss rate: 0.15%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-07-03 15:54:17

End at: 2018-07-03 15:54:48

Local clock offset: -0.109 ms

Remote clock offset: 0.191 ms

Below is generated by plot.py at 2018-07-03 19:33:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 190.23 Mbit/s

95th percentile per-packet one-way delay: 117.175 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 116.021 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 97.51 Mbit/s

95th percentile per-packet one-way delay: 118.218 ms

Loss rate: 0.00%

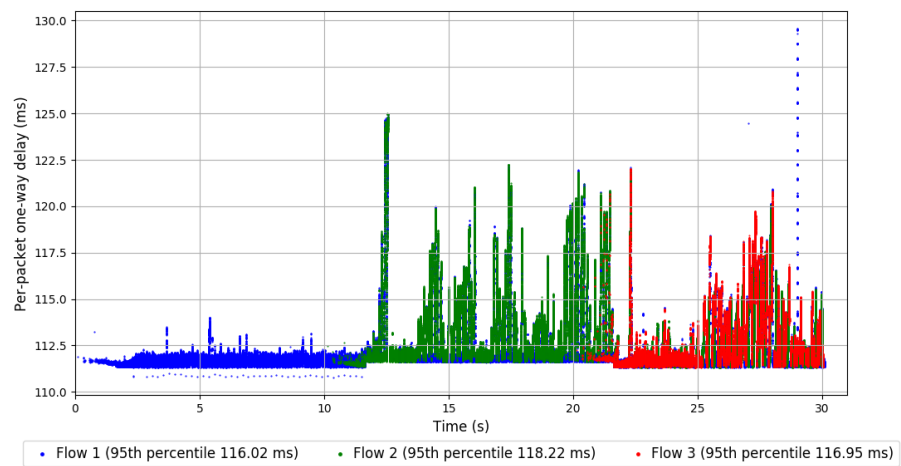
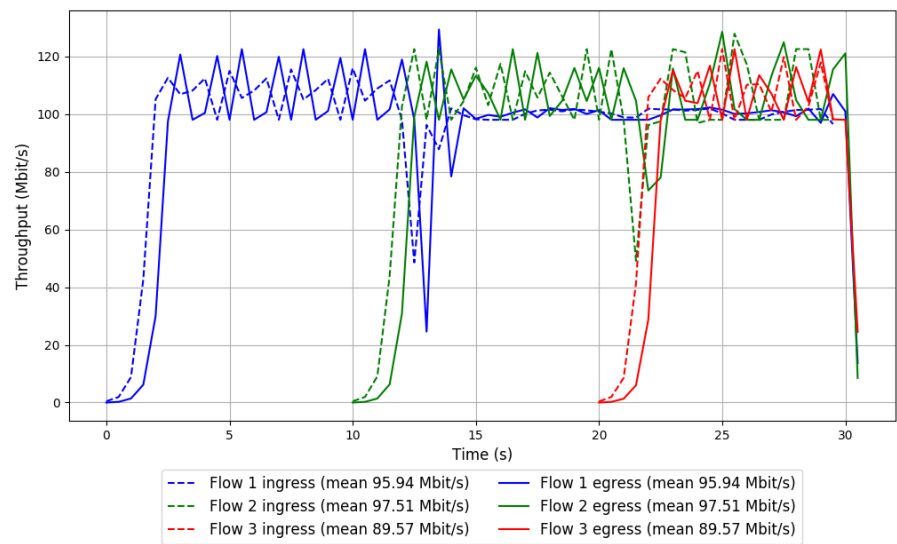
-- Flow 3:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 116.952 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

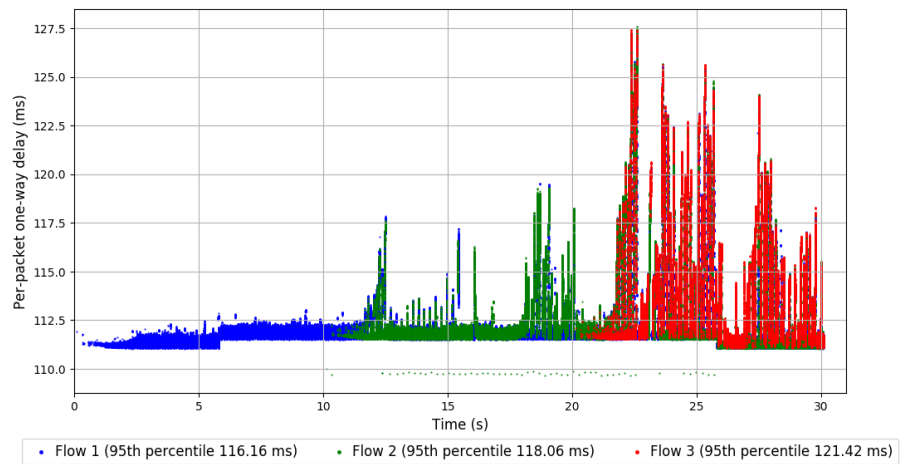
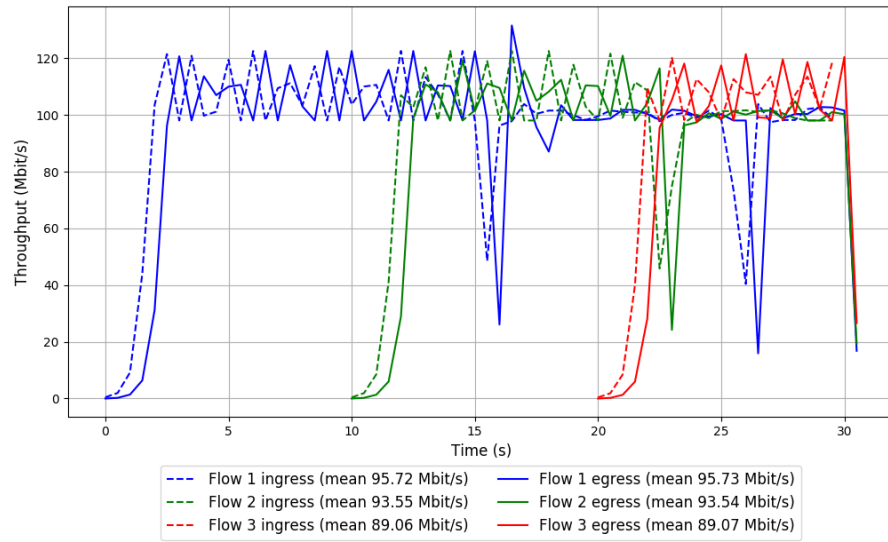


Run 4: Statistics of TCP BBR

Start at: 2018-07-03 16:20:43
End at: 2018-07-03 16:21:13
Local clock offset: -0.166 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2018-07-03 19:33:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 187.55 Mbit/s
95th percentile per-packet one-way delay: 118.389 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 116.162 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 118.060 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.07 Mbit/s
95th percentile per-packet one-way delay: 121.424 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

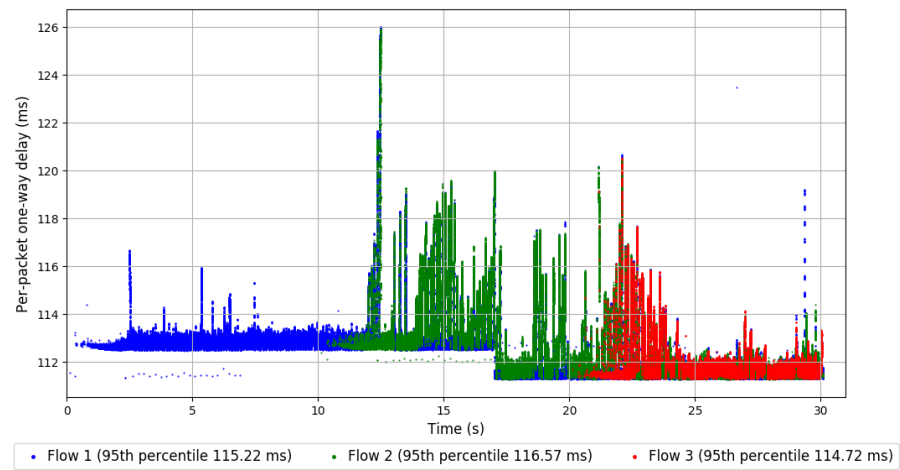
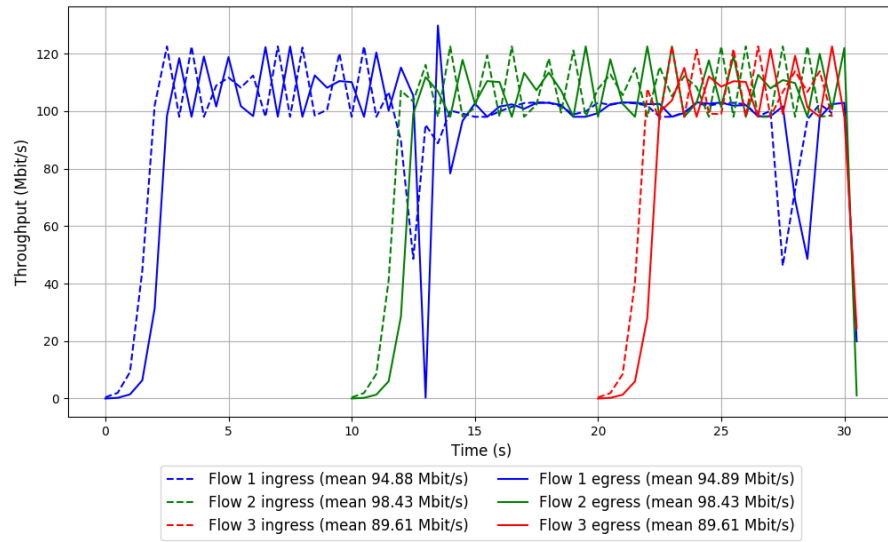


Run 5: Statistics of TCP BBR

Start at: 2018-07-03 16:46:32
End at: 2018-07-03 16:47:02
Local clock offset: -1.152 ms
Remote clock offset: -0.224 ms

Below is generated by plot.py at 2018-07-03 19:33:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 190.06 Mbit/s
95th percentile per-packet one-way delay: 115.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 115.218 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.43 Mbit/s
95th percentile per-packet one-way delay: 116.571 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.61 Mbit/s
95th percentile per-packet one-way delay: 114.720 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-07-03 17:12:41

End at: 2018-07-03 17:13:11

Local clock offset: -1.098 ms

Remote clock offset: 0.253 ms

Below is generated by plot.py at 2018-07-03 19:33:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 194.59 Mbit/s

95th percentile per-packet one-way delay: 117.440 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 100.74 Mbit/s

95th percentile per-packet one-way delay: 116.024 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 118.381 ms

Loss rate: 0.00%

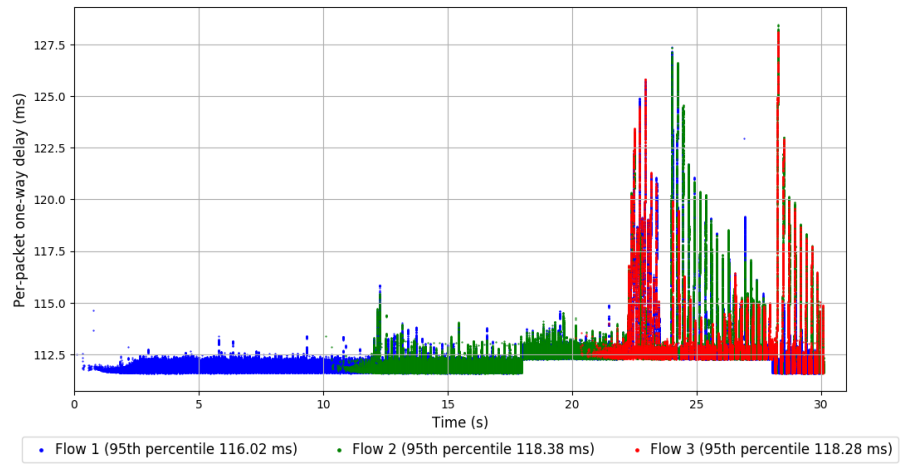
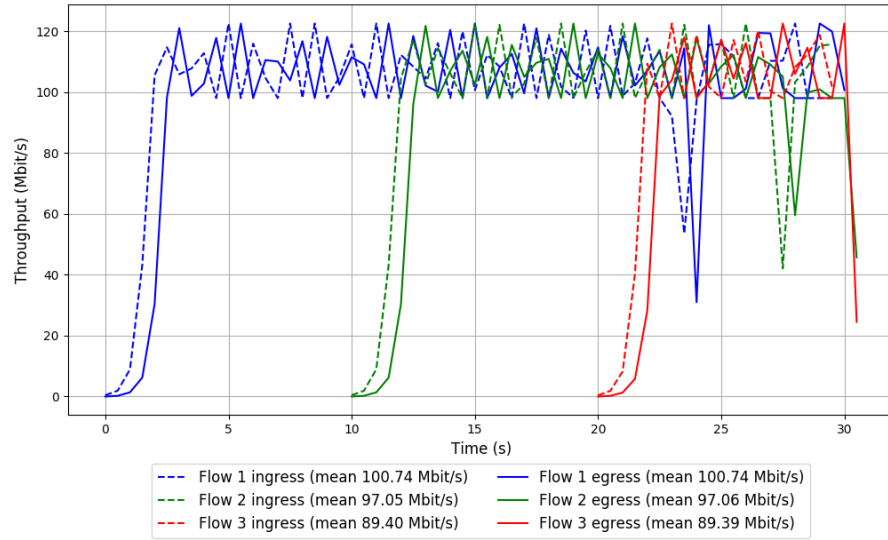
-- Flow 3:

Average throughput: 89.39 Mbit/s

95th percentile per-packet one-way delay: 118.277 ms

Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-07-03 17:38:41

End at: 2018-07-03 17:39:11

Local clock offset: -0.03 ms

Remote clock offset: 0.144 ms

Below is generated by plot.py at 2018-07-03 19:33:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 192.80 Mbit/s

95th percentile per-packet one-way delay: 115.393 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 100.92 Mbit/s

95th percentile per-packet one-way delay: 114.386 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 113.651 ms

Loss rate: 0.00%

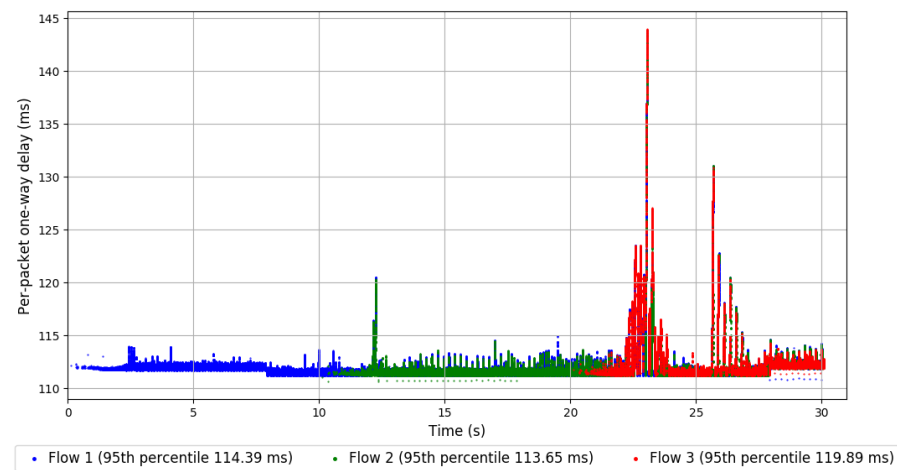
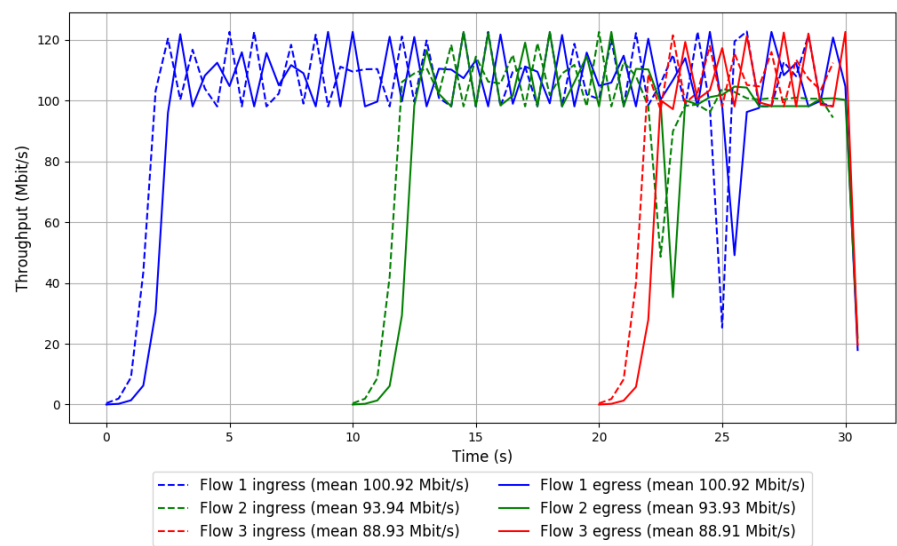
-- Flow 3:

Average throughput: 88.91 Mbit/s

95th percentile per-packet one-way delay: 119.887 ms

Loss rate: 0.01%

Run 7: Report of TCP BBR — Data Link

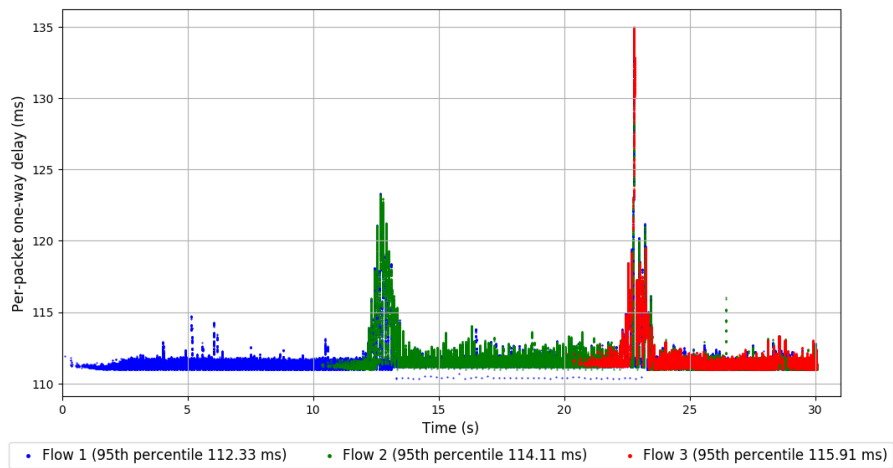
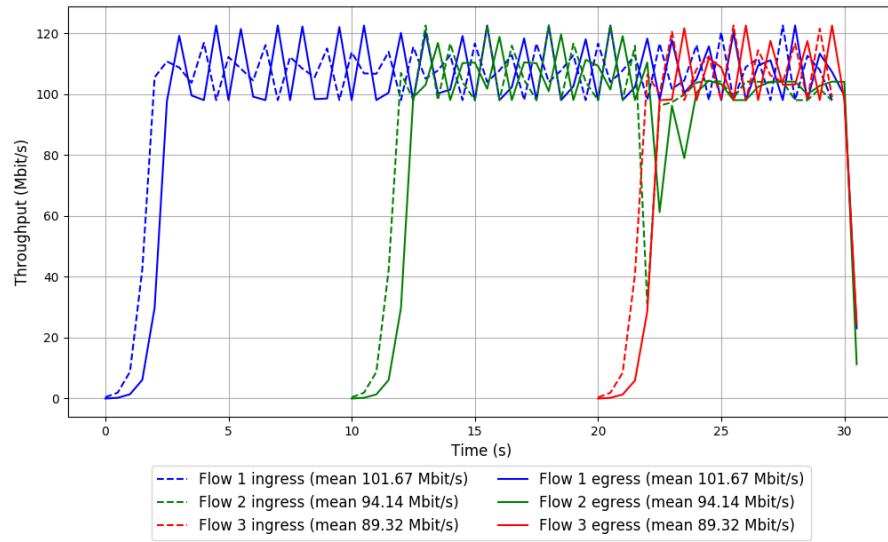


Run 8: Statistics of TCP BBR

Start at: 2018-07-03 18:05:06
End at: 2018-07-03 18:05:36
Local clock offset: -0.135 ms
Remote clock offset: -0.224 ms

Below is generated by plot.py at 2018-07-03 19:33:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 193.80 Mbit/s
95th percentile per-packet one-way delay: 113.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.67 Mbit/s
95th percentile per-packet one-way delay: 112.331 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 114.109 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.32 Mbit/s
95th percentile per-packet one-way delay: 115.913 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

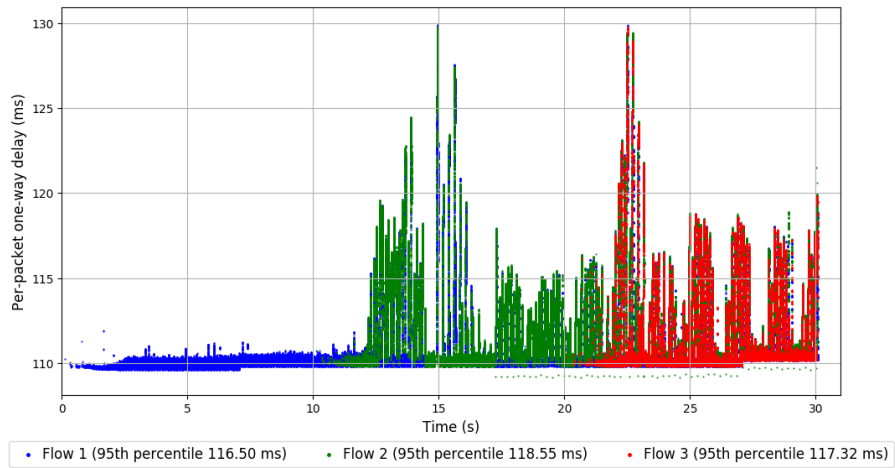
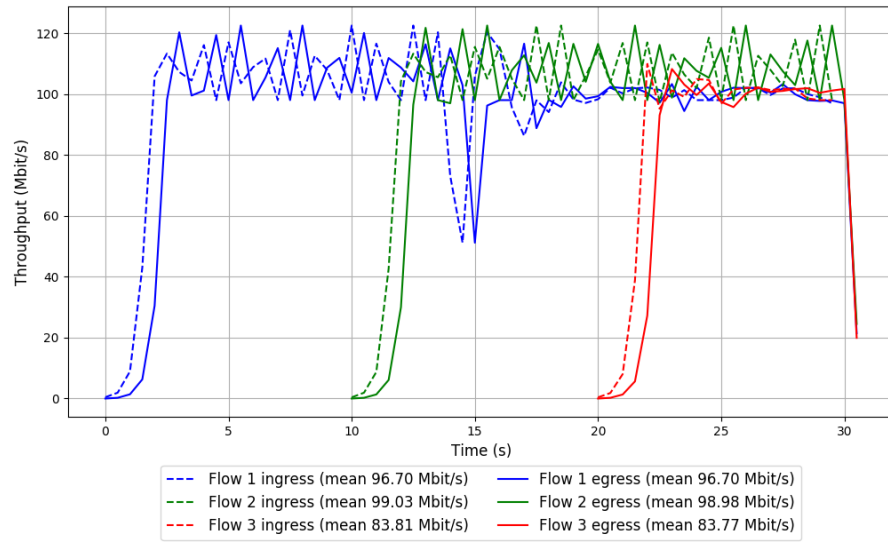


Run 9: Statistics of TCP BBR

Start at: 2018-07-03 18:32:42
End at: 2018-07-03 18:33:12
Local clock offset: 1.275 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-07-03 19:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 190.30 Mbit/s
95th percentile per-packet one-way delay: 117.517 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 116.502 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.98 Mbit/s
95th percentile per-packet one-way delay: 118.548 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 117.320 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

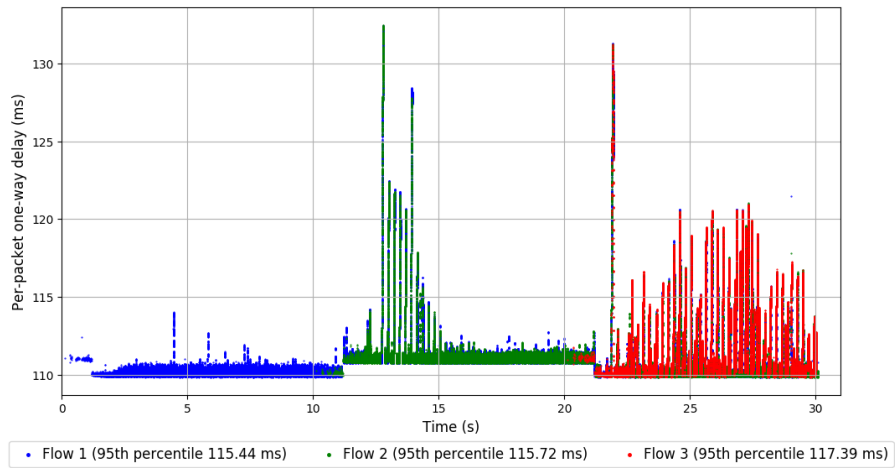
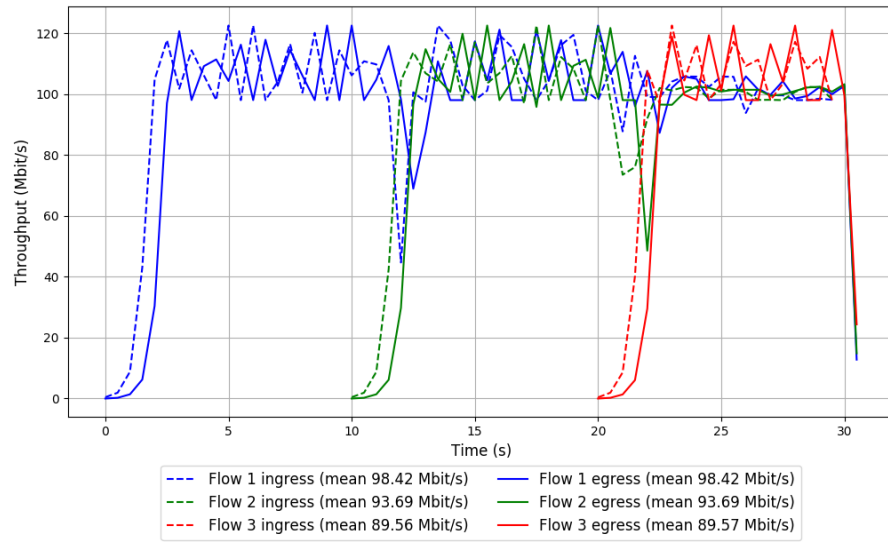


Run 10: Statistics of TCP BBR

Start at: 2018-07-03 18:59:18
End at: 2018-07-03 18:59:48
Local clock offset: -0.057 ms
Remote clock offset: -0.557 ms

Below is generated by plot.py at 2018-07-03 19:35:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 190.45 Mbit/s
95th percentile per-packet one-way delay: 116.155 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 98.42 Mbit/s
95th percentile per-packet one-way delay: 115.440 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 115.717 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.57 Mbit/s
95th percentile per-packet one-way delay: 117.387 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-07-03 15:10:21

End at: 2018-07-03 15:10:51

Local clock offset: -0.156 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at 2018-07-03 19:37:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 151.43 Mbit/s

95th percentile per-packet one-way delay: 127.150 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 75.22 Mbit/s

95th percentile per-packet one-way delay: 124.026 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 99.96 Mbit/s

95th percentile per-packet one-way delay: 128.578 ms

Loss rate: 0.00%

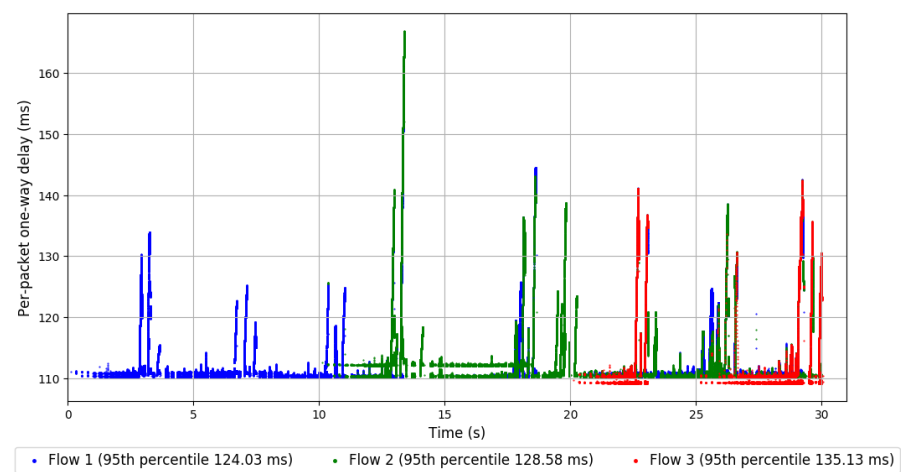
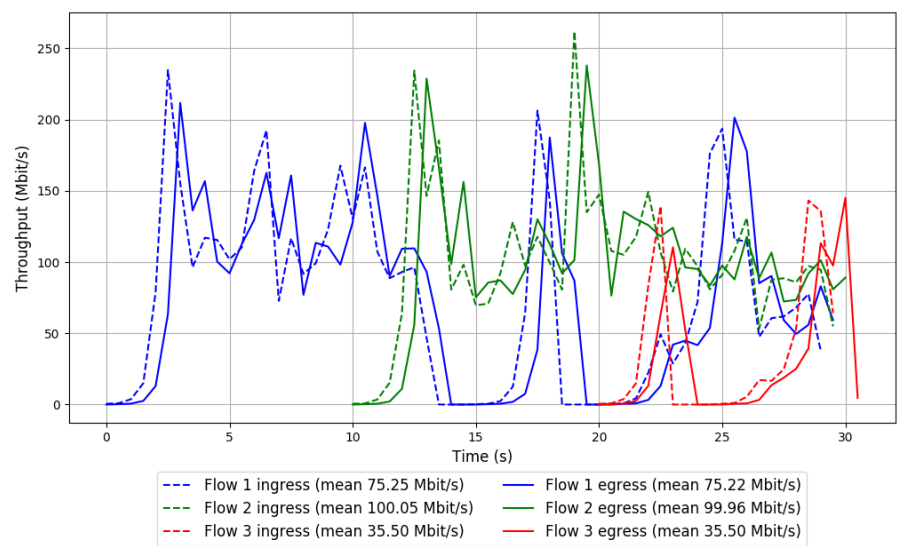
-- Flow 3:

Average throughput: 35.50 Mbit/s

95th percentile per-packet one-way delay: 135.126 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

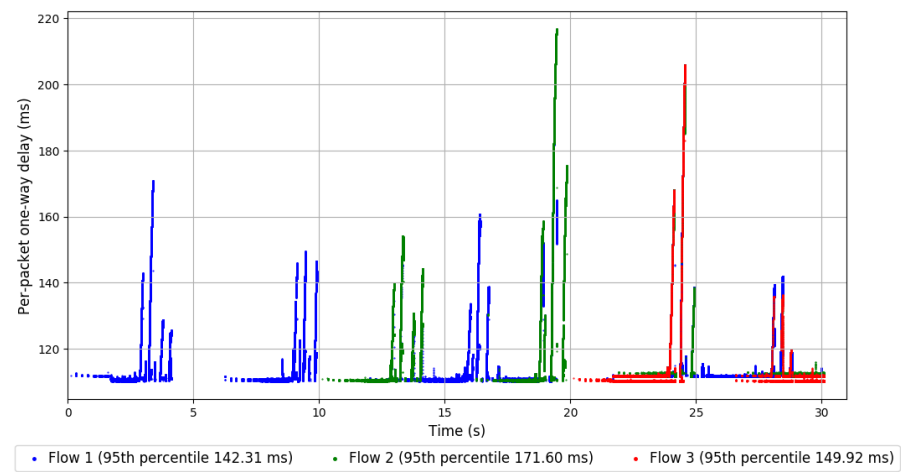
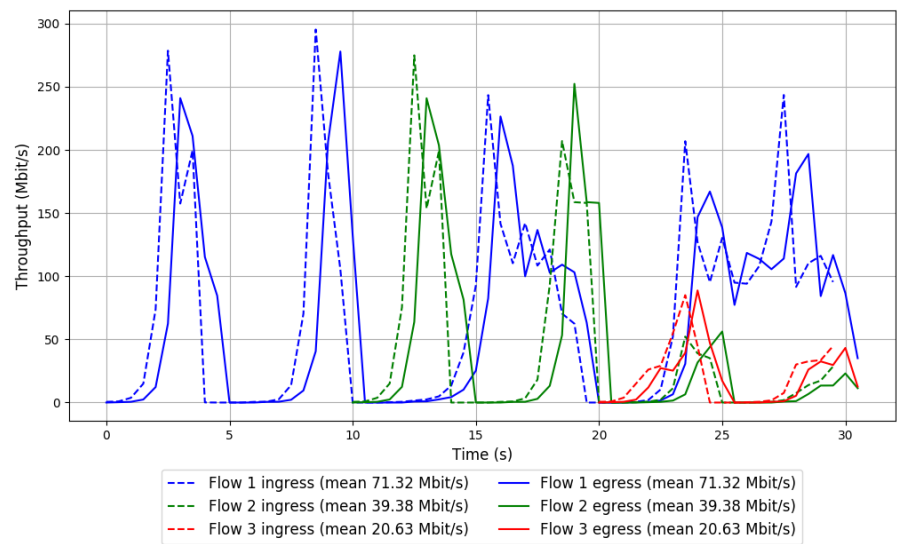


Run 2: Statistics of Copa

Start at: 2018-07-03 15:36:27
End at: 2018-07-03 15:36:57
Local clock offset: -0.47 ms
Remote clock offset: -0.128 ms

Below is generated by plot.py at 2018-07-03 19:37:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 104.41 Mbit/s
95th percentile per-packet one-way delay: 153.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.32 Mbit/s
95th percentile per-packet one-way delay: 142.306 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 171.600 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.63 Mbit/s
95th percentile per-packet one-way delay: 149.918 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

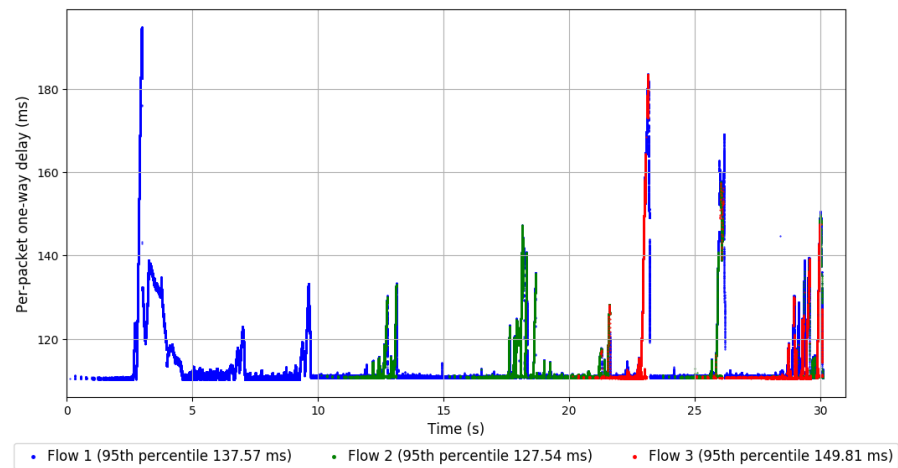
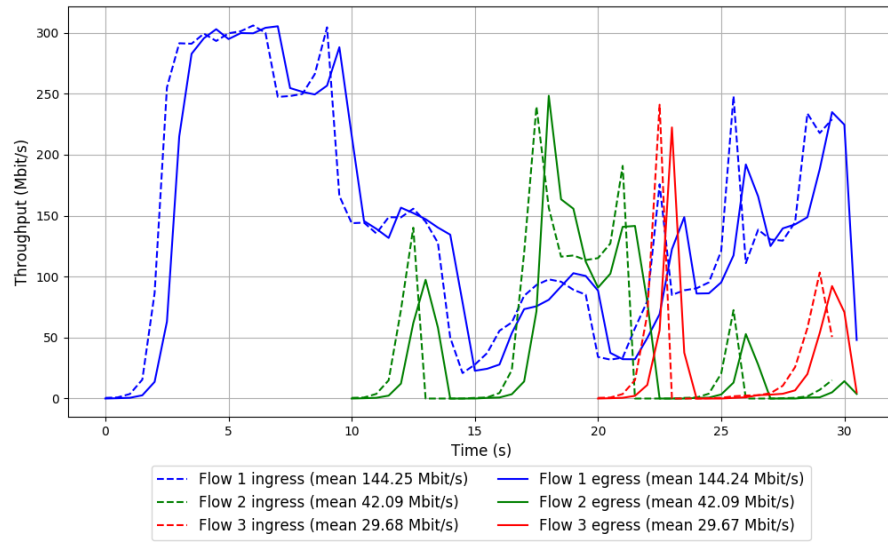


Run 3: Statistics of Copa

Start at: 2018-07-03 16:02:39
End at: 2018-07-03 16:03:09
Local clock offset: 0.263 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-03 19:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 182.12 Mbit/s
95th percentile per-packet one-way delay: 137.078 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 144.24 Mbit/s
95th percentile per-packet one-way delay: 137.571 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.09 Mbit/s
95th percentile per-packet one-way delay: 127.543 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.67 Mbit/s
95th percentile per-packet one-way delay: 149.807 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

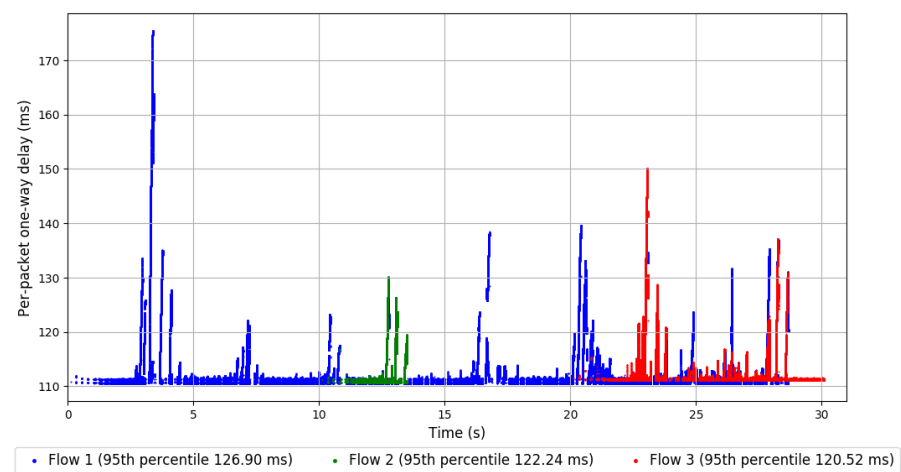
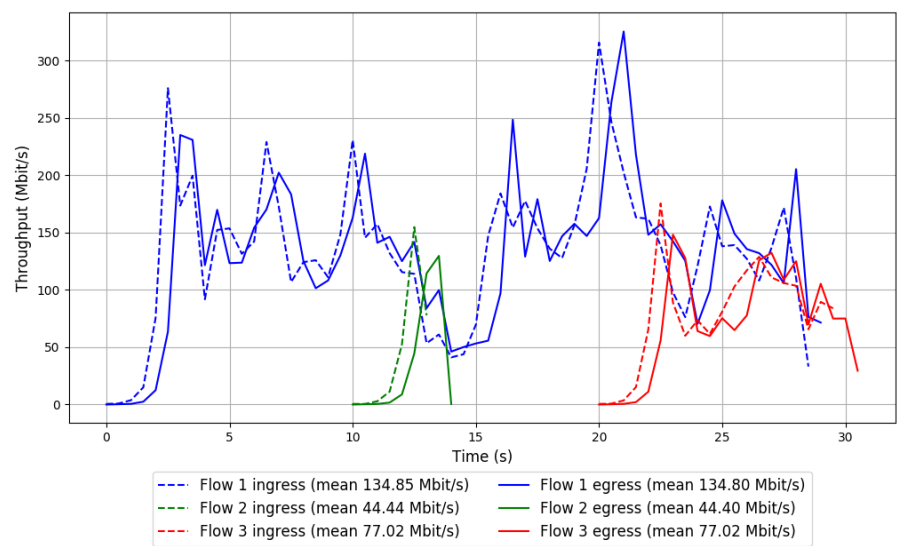


Run 4: Statistics of Copa

Start at: 2018-07-03 16:28:37
End at: 2018-07-03 16:29:07
Local clock offset: -0.221 ms
Remote clock offset: -0.635 ms

Below is generated by plot.py at 2018-07-03 19:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 159.03 Mbit/s
95th percentile per-packet one-way delay: 126.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 134.80 Mbit/s
95th percentile per-packet one-way delay: 126.904 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.40 Mbit/s
95th percentile per-packet one-way delay: 122.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 77.02 Mbit/s
95th percentile per-packet one-way delay: 120.522 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

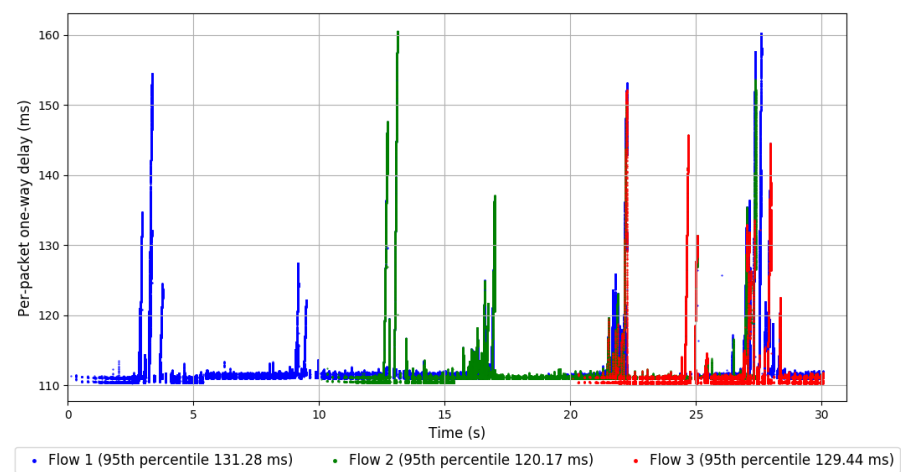
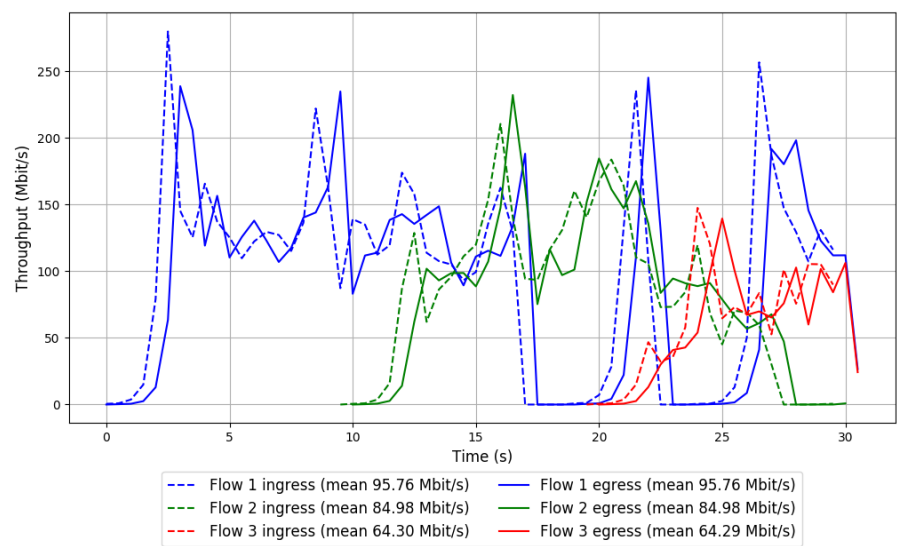


Run 5: Statistics of Copa

Start at: 2018-07-03 16:54:34
End at: 2018-07-03 16:55:04
Local clock offset: -0.218 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-07-03 19:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 173.58 Mbit/s
95th percentile per-packet one-way delay: 128.462 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 131.279 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.98 Mbit/s
95th percentile per-packet one-way delay: 120.169 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.29 Mbit/s
95th percentile per-packet one-way delay: 129.439 ms
Loss rate: 0.01%

Run 5: Report of Copa — Data Link

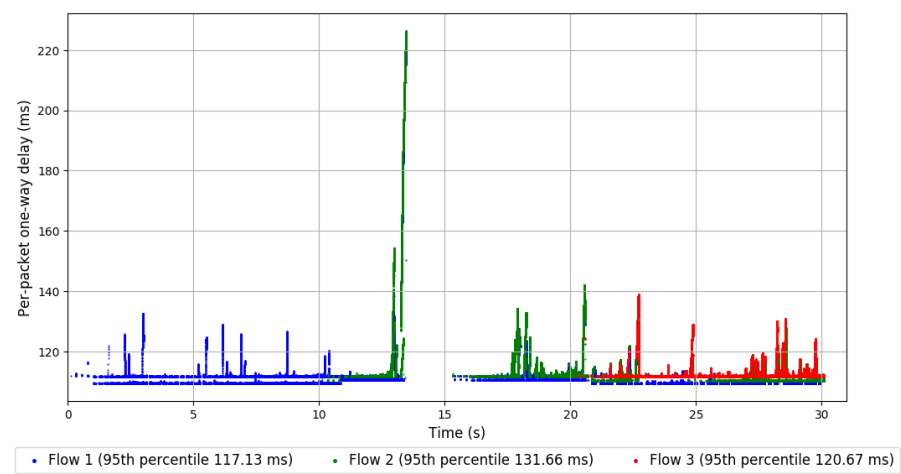
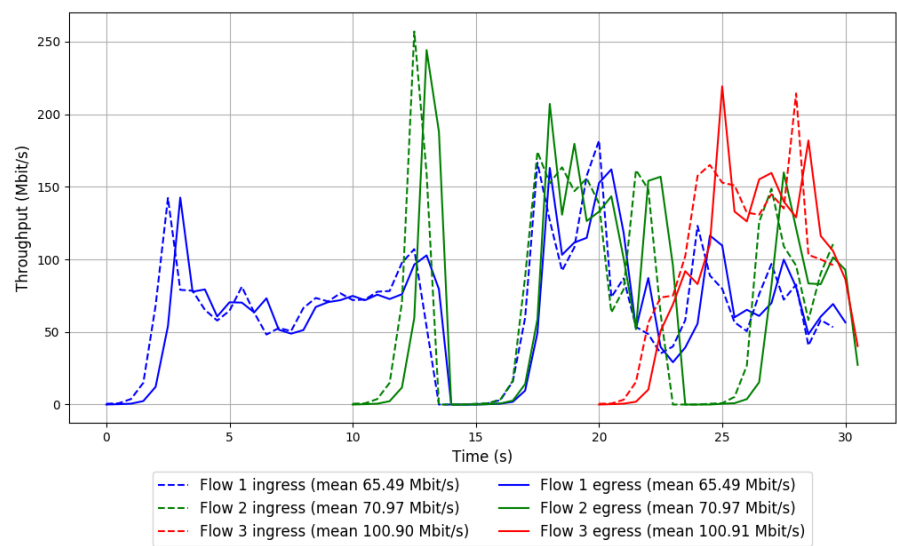


Run 6: Statistics of Copa

Start at: 2018-07-03 17:20:48
End at: 2018-07-03 17:21:18
Local clock offset: -0.203 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-07-03 19:38:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 145.96 Mbit/s
95th percentile per-packet one-way delay: 122.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.49 Mbit/s
95th percentile per-packet one-way delay: 117.130 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.97 Mbit/s
95th percentile per-packet one-way delay: 131.658 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 100.91 Mbit/s
95th percentile per-packet one-way delay: 120.675 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

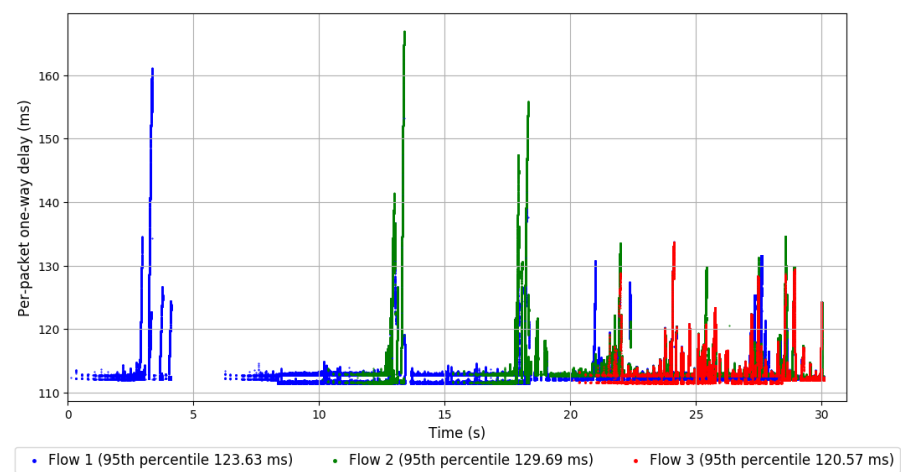
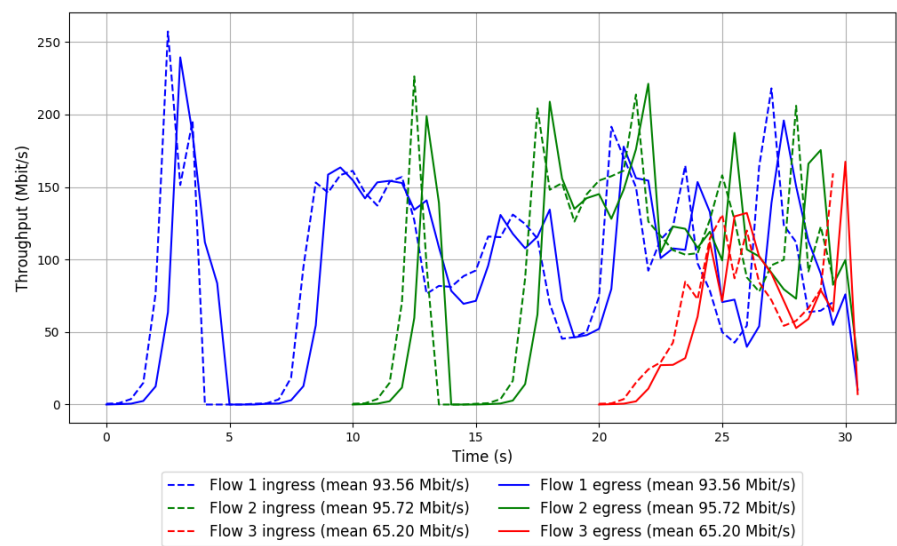


Run 7: Statistics of Copa

Start at: 2018-07-03 17:46:51
End at: 2018-07-03 17:47:21
Local clock offset: -1.28 ms
Remote clock offset: -0.204 ms

Below is generated by plot.py at 2018-07-03 19:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 178.97 Mbit/s
95th percentile per-packet one-way delay: 125.065 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.56 Mbit/s
95th percentile per-packet one-way delay: 123.634 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 129.688 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 120.569 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-07-03 18:14:06

End at: 2018-07-03 18:14:36

Local clock offset: -1.346 ms

Remote clock offset: -0.21 ms

Below is generated by plot.py at 2018-07-03 19:41:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 162.42 Mbit/s

95th percentile per-packet one-way delay: 133.401 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 137.384 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 66.83 Mbit/s

95th percentile per-packet one-way delay: 122.941 ms

Loss rate: 0.00%

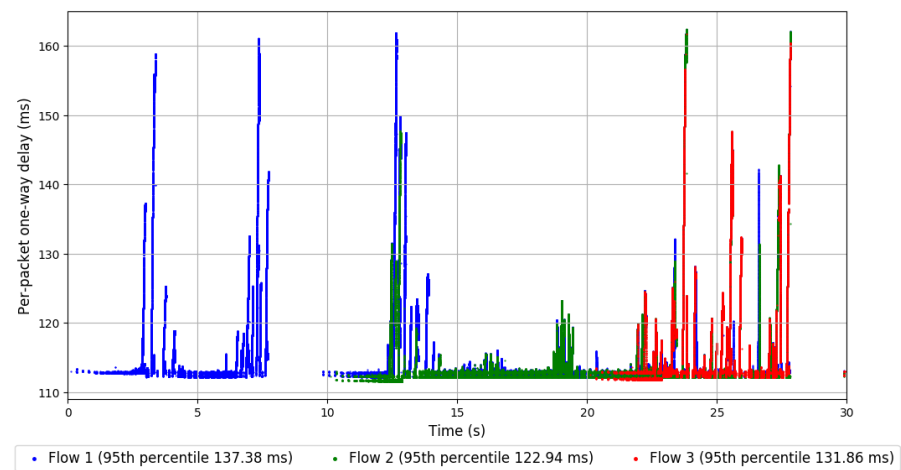
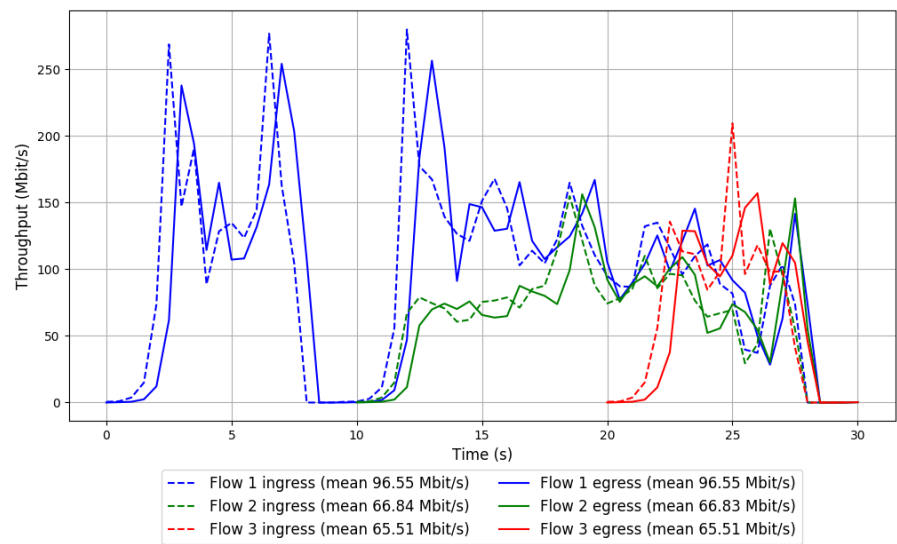
-- Flow 3:

Average throughput: 65.51 Mbit/s

95th percentile per-packet one-way delay: 131.857 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link

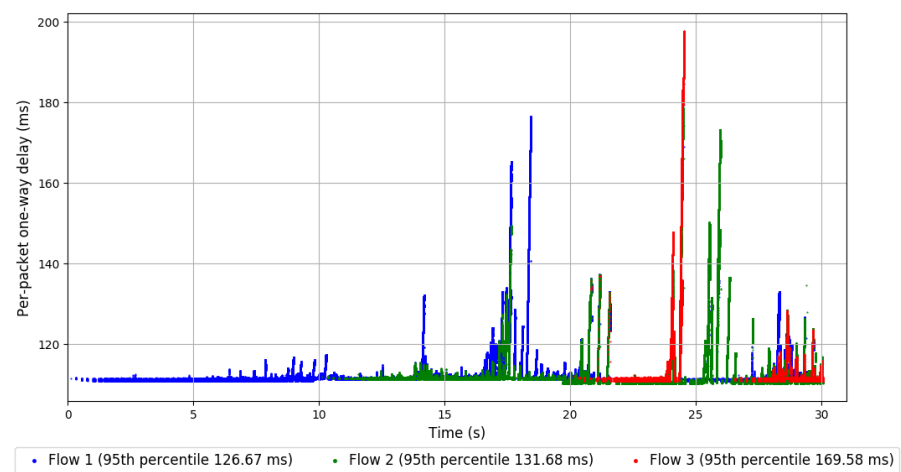
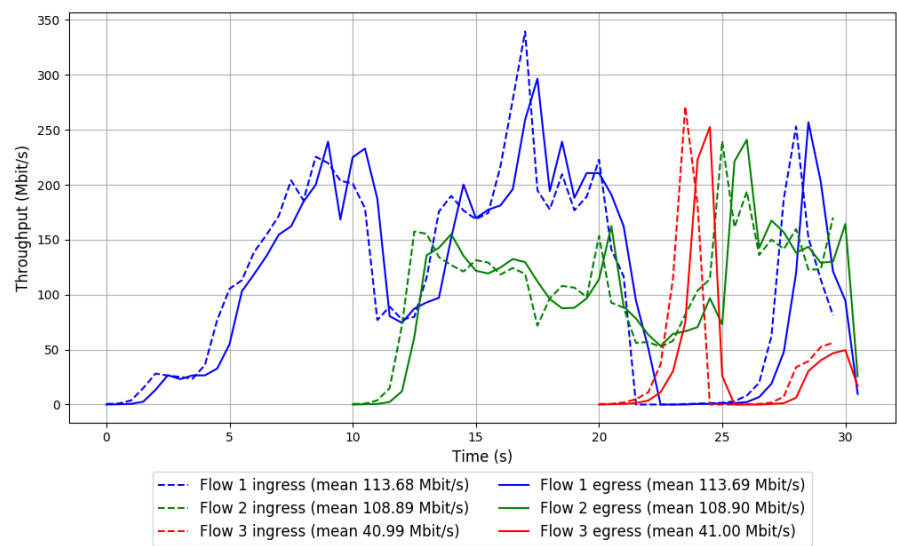


Run 9: Statistics of Copa

Start at: 2018-07-03 18:40:59
End at: 2018-07-03 18:41:29
Local clock offset: 0.032 ms
Remote clock offset: -0.253 ms

```
# Below is generated by plot.py at 2018-07-03 19:42:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 199.74 Mbit/s
95th percentile per-packet one-way delay: 129.921 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 113.69 Mbit/s
95th percentile per-packet one-way delay: 126.673 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 108.90 Mbit/s
95th percentile per-packet one-way delay: 131.684 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 169.576 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

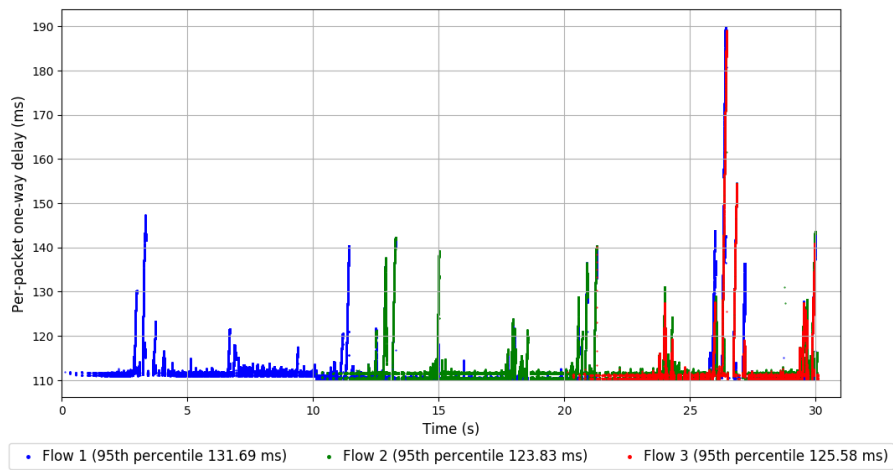
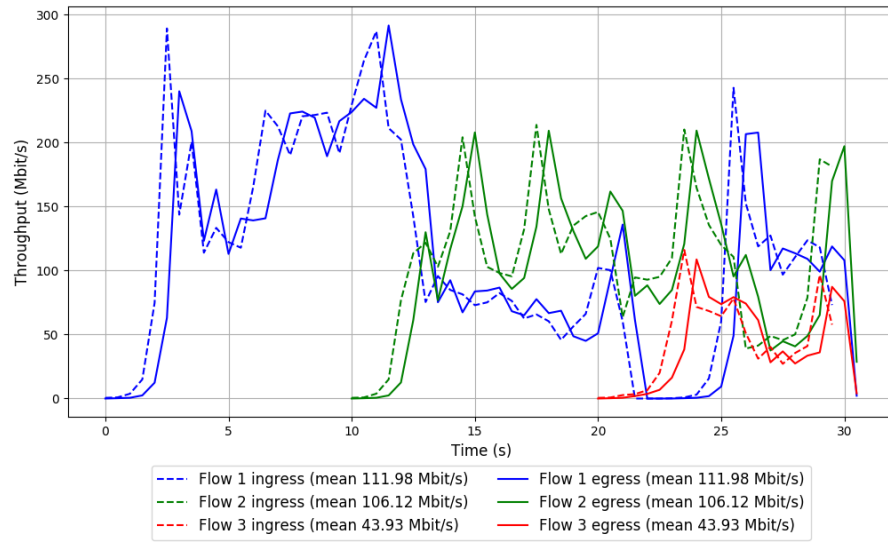


Run 10: Statistics of Copa

Start at: 2018-07-03 19:07:39
End at: 2018-07-03 19:08:09
Local clock offset: -0.008 ms
Remote clock offset: -0.162 ms

Below is generated by plot.py at 2018-07-03 19:43:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 197.19 Mbit/s
95th percentile per-packet one-way delay: 128.054 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 111.98 Mbit/s
95th percentile per-packet one-way delay: 131.687 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 106.12 Mbit/s
95th percentile per-packet one-way delay: 123.833 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 125.578 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

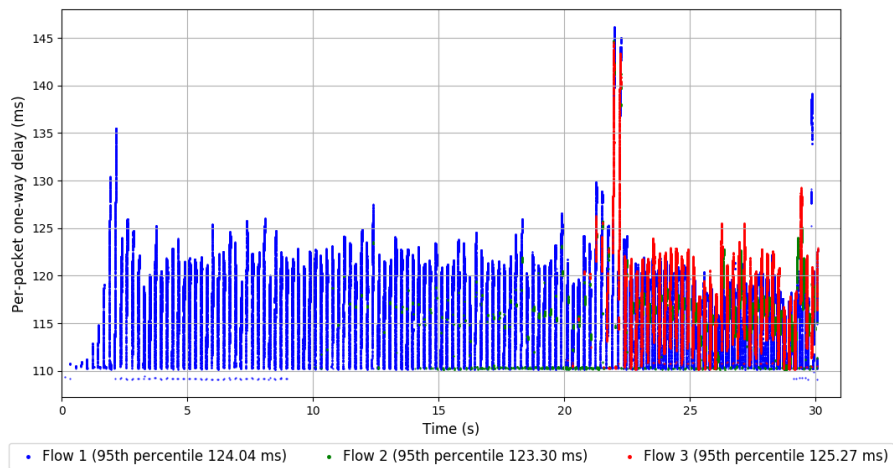
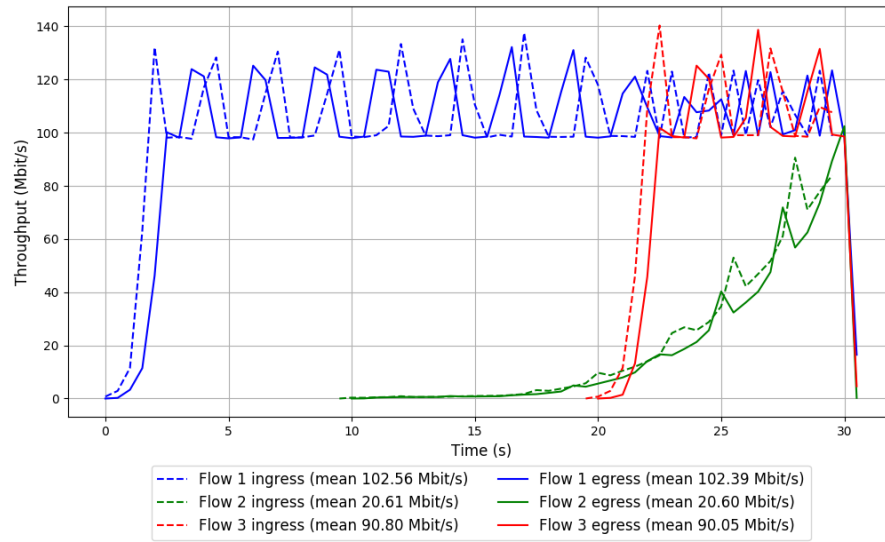


Run 1: Statistics of TCP Cubic

Start at: 2018-07-03 14:58:20
End at: 2018-07-03 14:58:50
Local clock offset: 0.193 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-07-03 19:43:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 146.06 Mbit/s
95th percentile per-packet one-way delay: 124.063 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 102.39 Mbit/s
95th percentile per-packet one-way delay: 124.040 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 20.60 Mbit/s
95th percentile per-packet one-way delay: 123.297 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 125.274 ms
Loss rate: 0.82%

Run 1: Report of TCP Cubic — Data Link

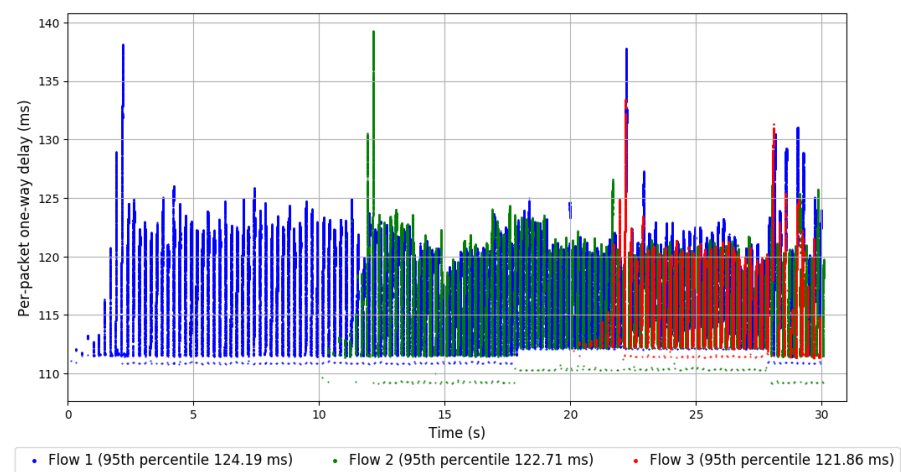
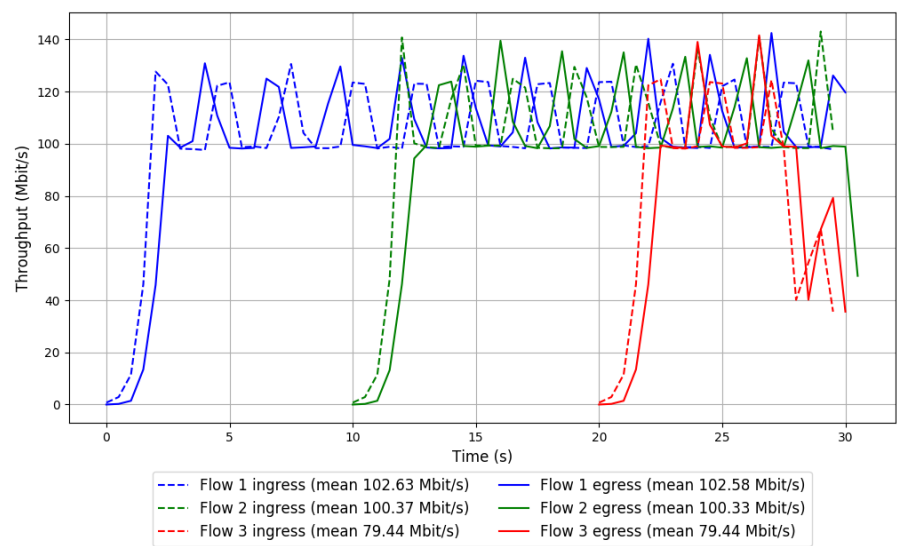


Run 2: Statistics of TCP Cubic

Start at: 2018-07-03 15:24:21
End at: 2018-07-03 15:24:51
Local clock offset: -0.065 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2018-07-03 19:43:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 195.18 Mbit/s
95th percentile per-packet one-way delay: 123.458 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.58 Mbit/s
95th percentile per-packet one-way delay: 124.186 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.33 Mbit/s
95th percentile per-packet one-way delay: 122.707 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 79.44 Mbit/s
95th percentile per-packet one-way delay: 121.857 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

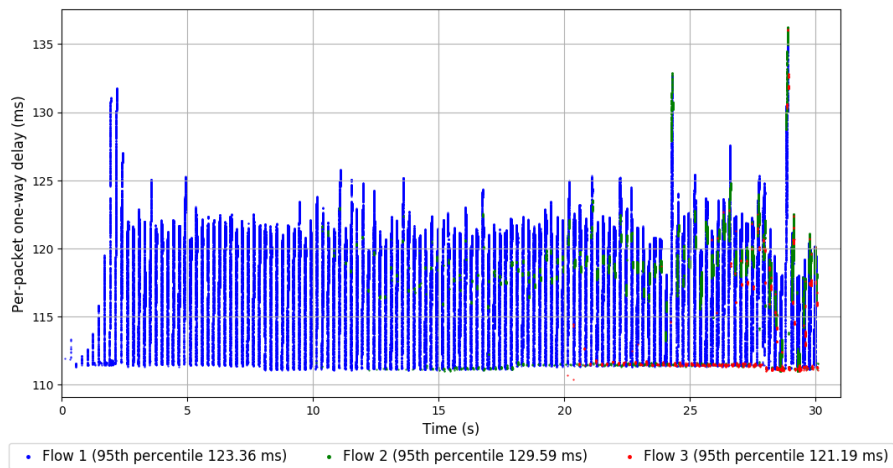
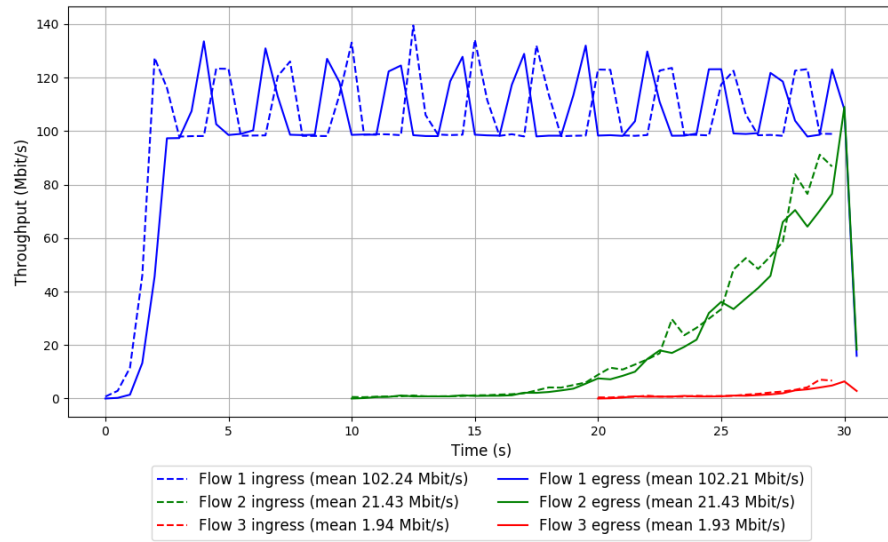


Run 3: Statistics of TCP Cubic

Start at: 2018-07-03 15:50:31
End at: 2018-07-03 15:51:01
Local clock offset: -0.15 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-03 19:43:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 116.89 Mbit/s
95th percentile per-packet one-way delay: 123.473 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.21 Mbit/s
95th percentile per-packet one-way delay: 123.362 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.43 Mbit/s
95th percentile per-packet one-way delay: 129.592 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 121.186 ms
Loss rate: 0.37%

Run 3: Report of TCP Cubic — Data Link

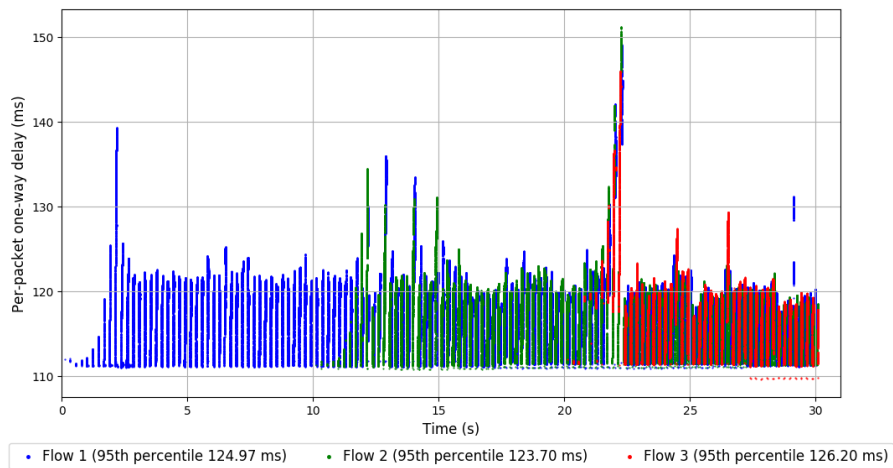
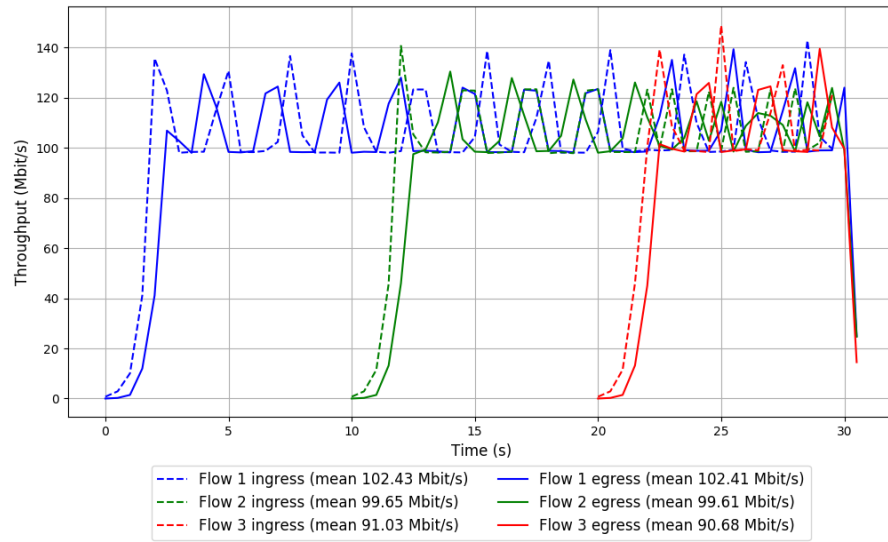


Run 4: Statistics of TCP Cubic

Start at: 2018-07-03 16:16:52
End at: 2018-07-03 16:17:22
Local clock offset: -0.059 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-07-03 19:43:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 198.69 Mbit/s
95th percentile per-packet one-way delay: 124.696 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 102.41 Mbit/s
95th percentile per-packet one-way delay: 124.969 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 99.61 Mbit/s
95th percentile per-packet one-way delay: 123.704 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 126.201 ms
Loss rate: 0.38%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-07-03 16:42:44

End at: 2018-07-03 16:43:14

Local clock offset: 0.218 ms

Remote clock offset: -0.29 ms

Below is generated by plot.py at 2018-07-03 19:43:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 146.62 Mbit/s

95th percentile per-packet one-way delay: 122.292 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 102.05 Mbit/s

95th percentile per-packet one-way delay: 122.153 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 21.41 Mbit/s

95th percentile per-packet one-way delay: 118.970 ms

Loss rate: 0.01%

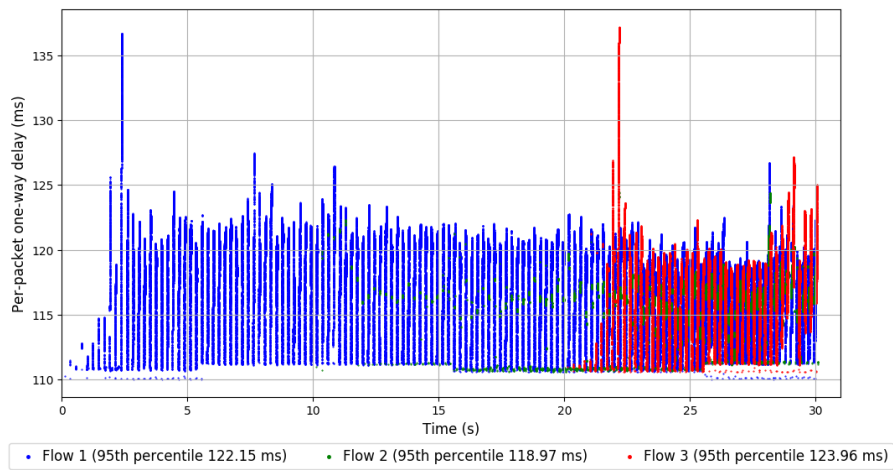
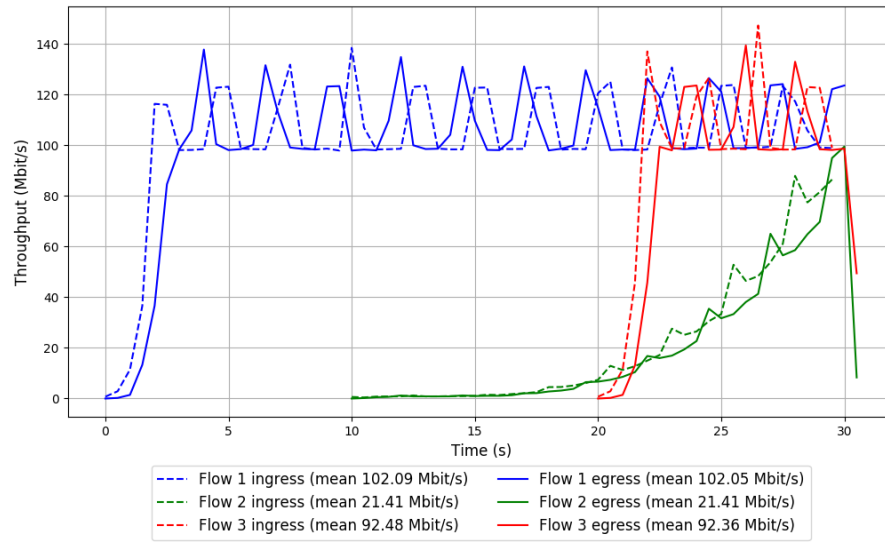
-- Flow 3:

Average throughput: 92.36 Mbit/s

95th percentile per-packet one-way delay: 123.957 ms

Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

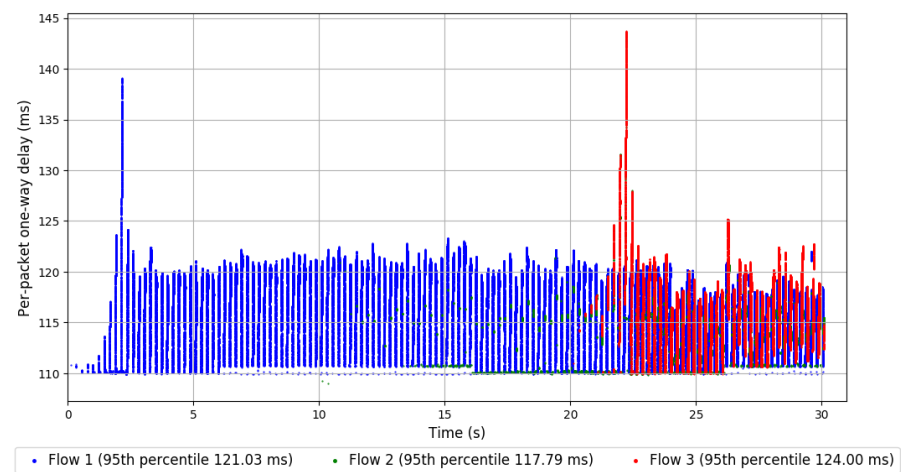
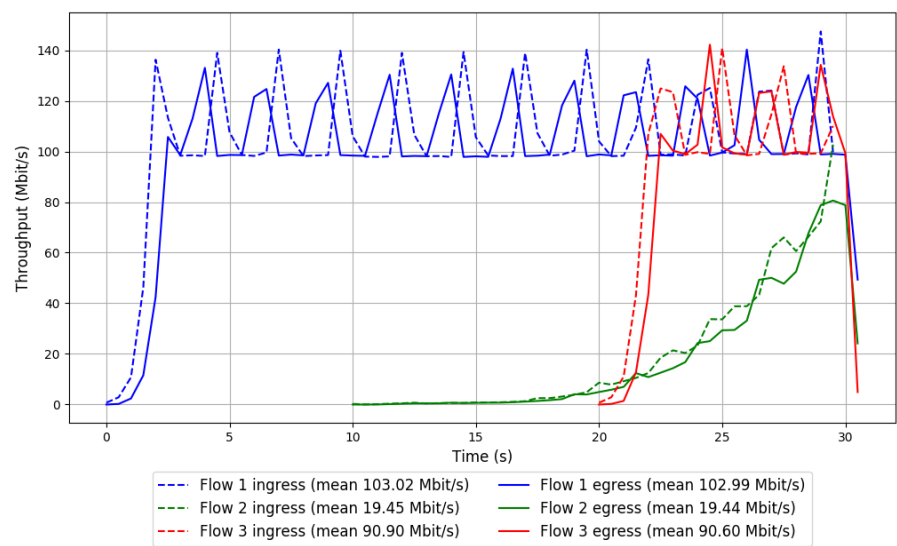


Run 6: Statistics of TCP Cubic

Start at: 2018-07-03 17:08:53
End at: 2018-07-03 17:09:23
Local clock offset: 0.211 ms
Remote clock offset: -0.177 ms

Below is generated by plot.py at 2018-07-03 19:43:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 145.95 Mbit/s
95th percentile per-packet one-way delay: 121.250 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 102.99 Mbit/s
95th percentile per-packet one-way delay: 121.035 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.44 Mbit/s
95th percentile per-packet one-way delay: 117.792 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 123.995 ms
Loss rate: 0.32%

Run 6: Report of TCP Cubic — Data Link

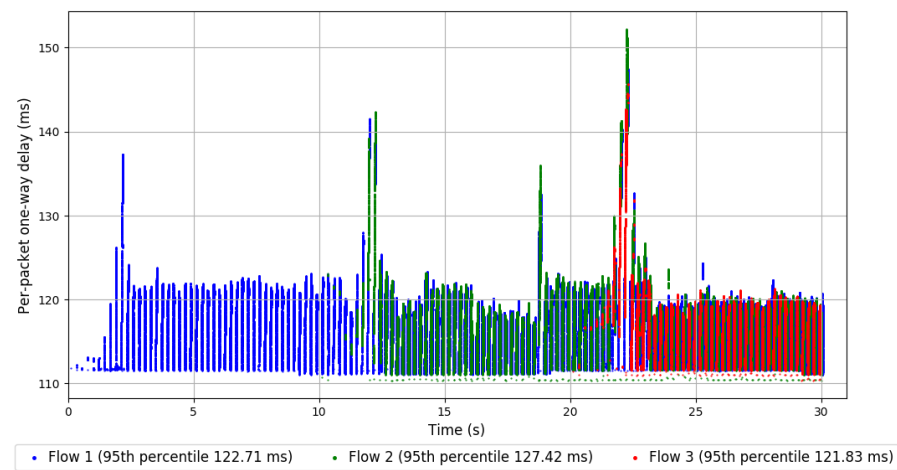
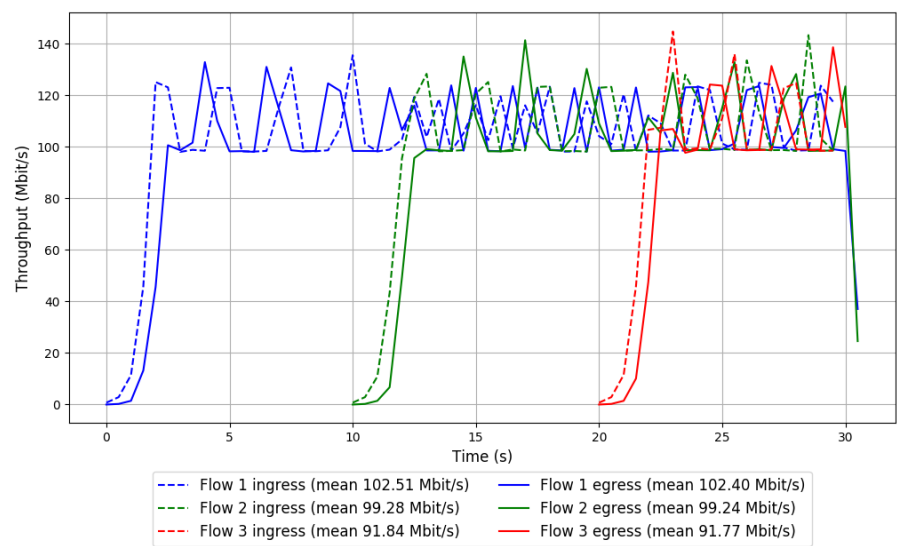


Run 7: Statistics of TCP Cubic

Start at: 2018-07-03 17:34:50
End at: 2018-07-03 17:35:20
Local clock offset: -0.061 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-07-03 19:44:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 198.37 Mbit/s
95th percentile per-packet one-way delay: 124.044 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 102.40 Mbit/s
95th percentile per-packet one-way delay: 122.711 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 99.24 Mbit/s
95th percentile per-packet one-way delay: 127.421 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 121.825 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

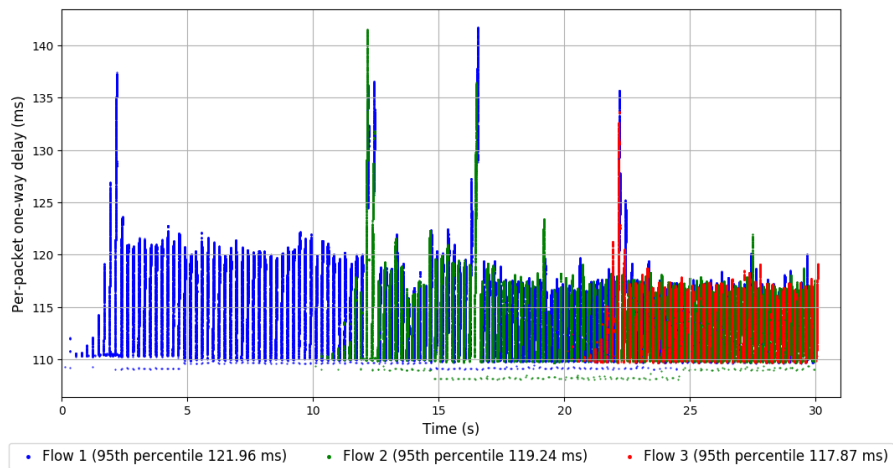
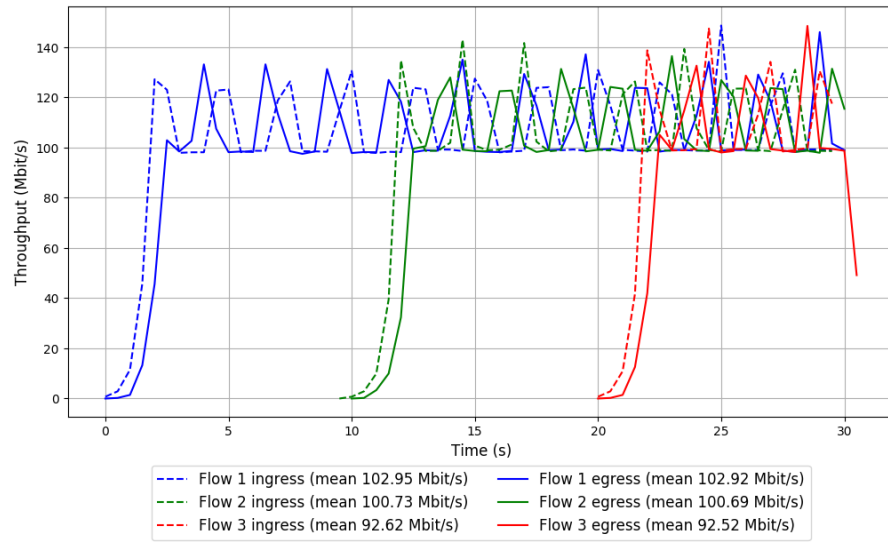


Run 8: Statistics of TCP Cubic

Start at: 2018-07-03 18:01:14
End at: 2018-07-03 18:01:44
Local clock offset: 1.206 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-03 19:44:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 199.83 Mbit/s
95th percentile per-packet one-way delay: 120.836 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 102.92 Mbit/s
95th percentile per-packet one-way delay: 121.962 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.69 Mbit/s
95th percentile per-packet one-way delay: 119.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 92.52 Mbit/s
95th percentile per-packet one-way delay: 117.873 ms
Loss rate: 0.03%

Run 8: Report of TCP Cubic — Data Link

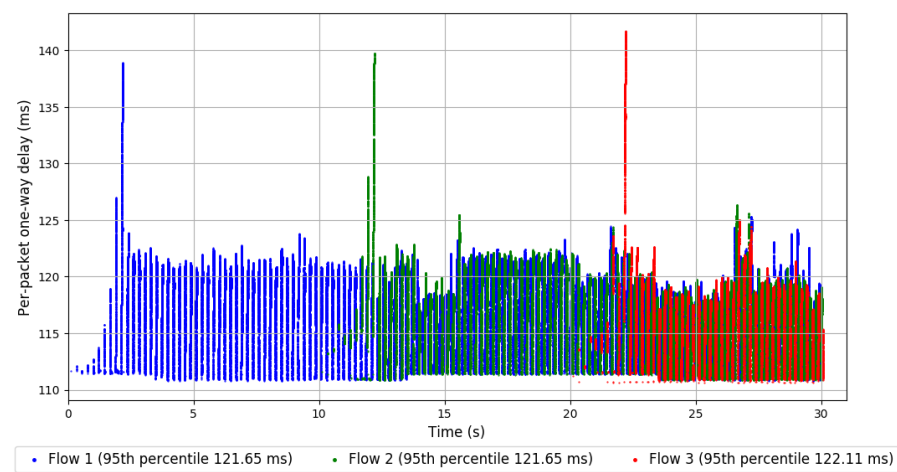
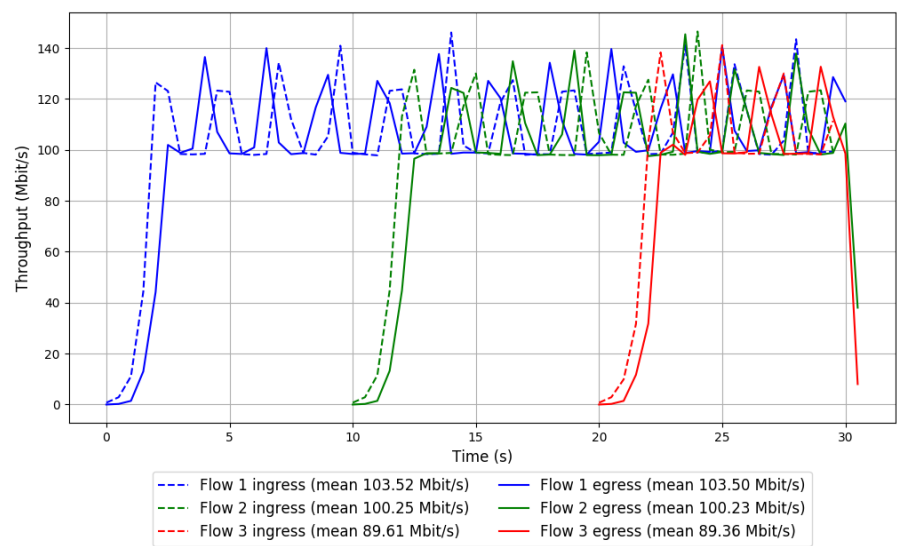


Run 9: Statistics of TCP Cubic

Start at: 2018-07-03 18:28:36
End at: 2018-07-03 18:29:06
Local clock offset: 0.111 ms
Remote clock offset: -0.276 ms

Below is generated by plot.py at 2018-07-03 19:44:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 199.33 Mbit/s
95th percentile per-packet one-way delay: 121.693 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 103.50 Mbit/s
95th percentile per-packet one-way delay: 121.652 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.23 Mbit/s
95th percentile per-packet one-way delay: 121.654 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 122.114 ms
Loss rate: 0.27%

Run 9: Report of TCP Cubic — Data Link

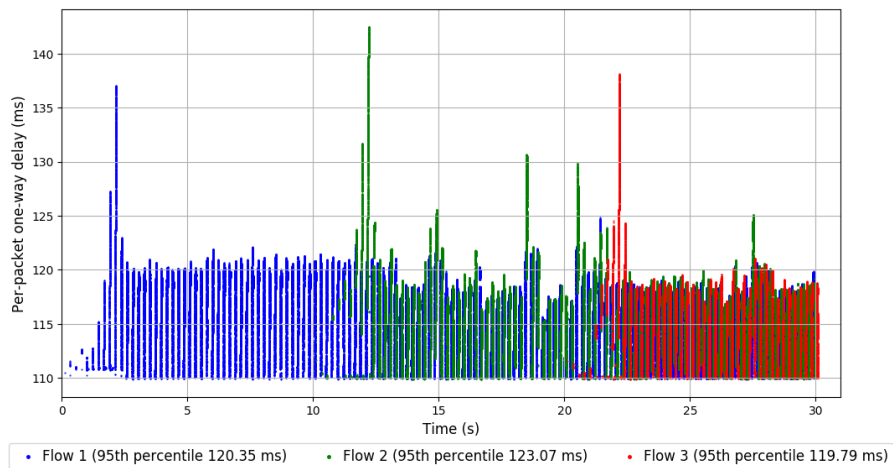
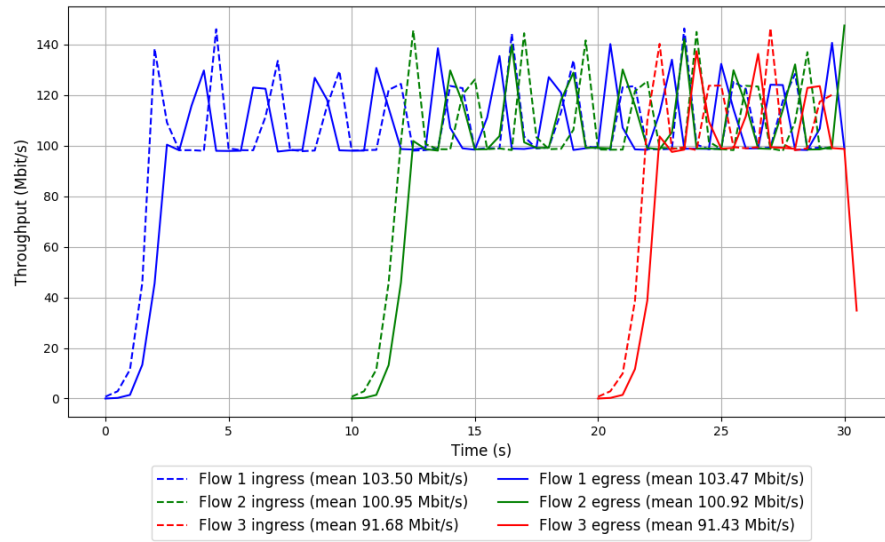


Run 10: Statistics of TCP Cubic

Start at: 2018-07-03 18:55:27
End at: 2018-07-03 18:55:57
Local clock offset: -0.065 ms
Remote clock offset: -0.575 ms

Below is generated by plot.py at 2018-07-03 19:44:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 200.25 Mbit/s
95th percentile per-packet one-way delay: 120.767 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 103.47 Mbit/s
95th percentile per-packet one-way delay: 120.346 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.92 Mbit/s
95th percentile per-packet one-way delay: 123.068 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 119.794 ms
Loss rate: 0.27%

Run 10: Report of TCP Cubic — Data Link

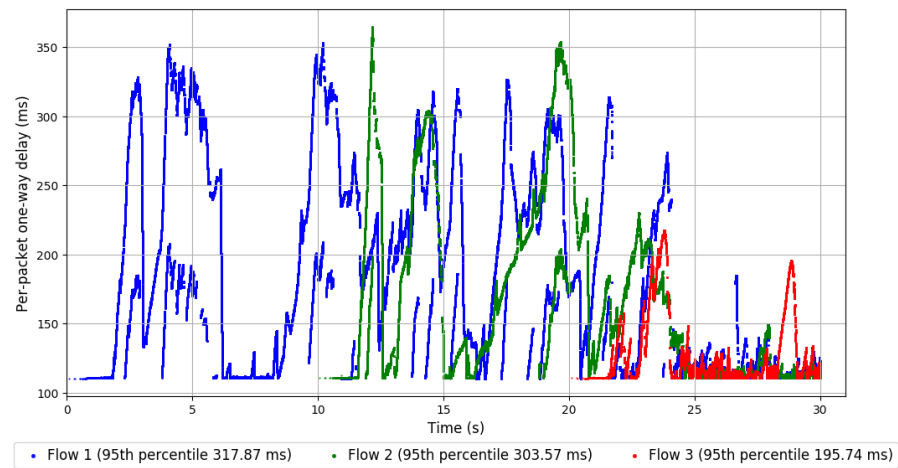
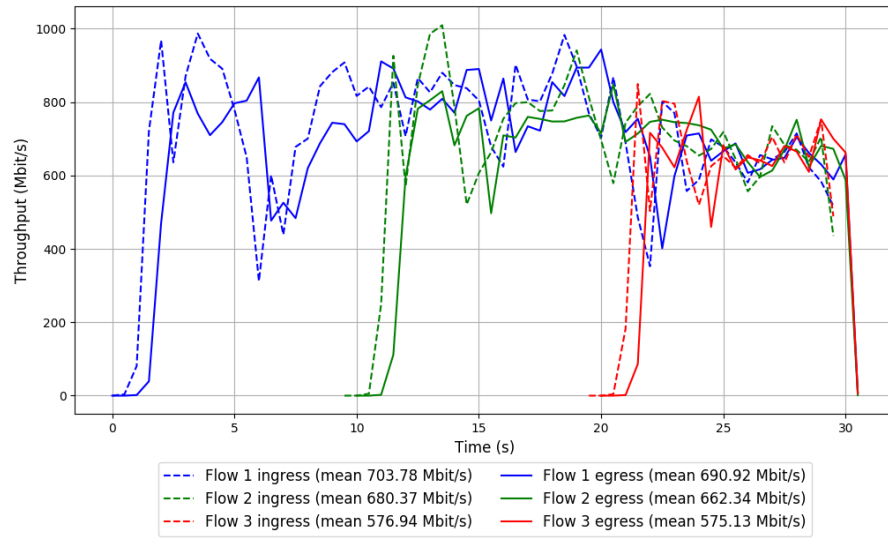


Run 1: Statistics of FillP

Start at: 2018-07-03 15:11:48
End at: 2018-07-03 15:12:18
Local clock offset: 0.233 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-07-03 20:05:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 1322.98 Mbit/s
95th percentile per-packet one-way delay: 313.493 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 690.92 Mbit/s
95th percentile per-packet one-way delay: 317.874 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 662.34 Mbit/s
95th percentile per-packet one-way delay: 303.574 ms
Loss rate: 2.64%
-- Flow 3:
Average throughput: 575.13 Mbit/s
95th percentile per-packet one-way delay: 195.739 ms
Loss rate: 0.31%

Run 1: Report of FillP — Data Link

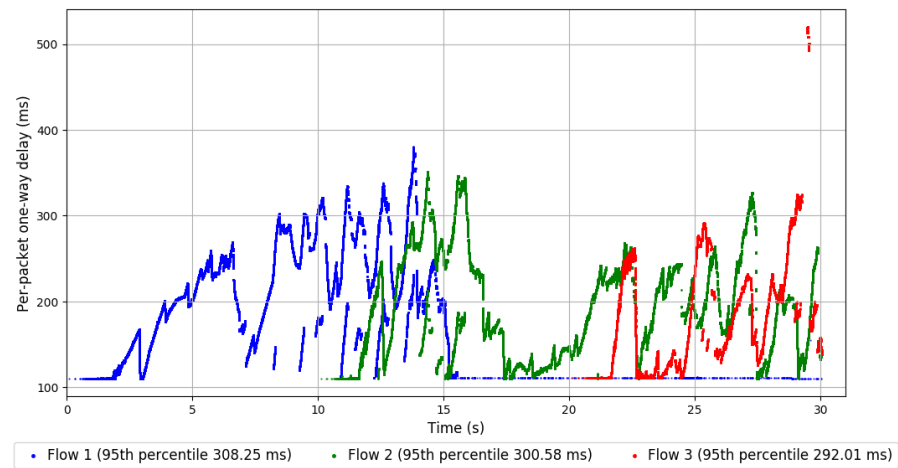
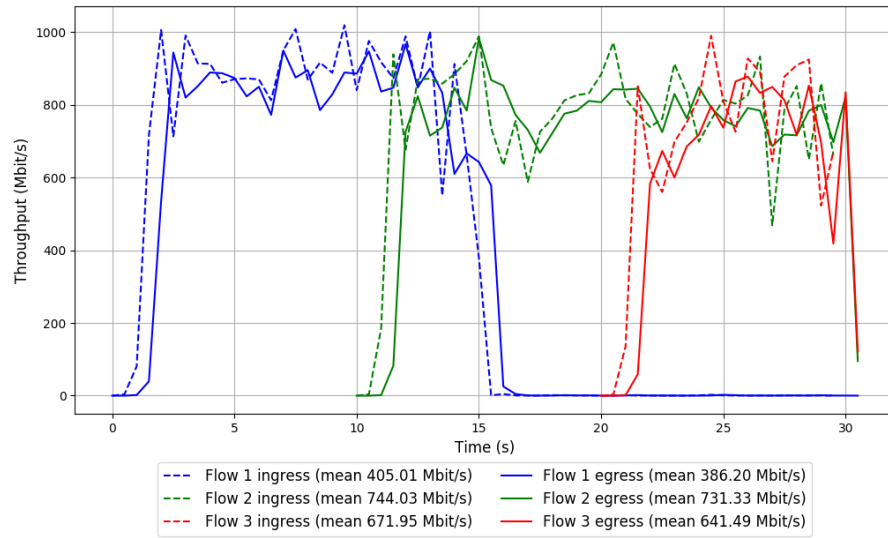


Run 2: Statistics of FillP

Start at: 2018-07-03 15:37:50
End at: 2018-07-03 15:38:20
Local clock offset: -0.056 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2018-07-03 20:05:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 1084.83 Mbit/s
95th percentile per-packet one-way delay: 302.538 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 386.20 Mbit/s
95th percentile per-packet one-way delay: 308.251 ms
Loss rate: 4.65%
-- Flow 2:
Average throughput: 731.33 Mbit/s
95th percentile per-packet one-way delay: 300.582 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 641.49 Mbit/s
95th percentile per-packet one-way delay: 292.011 ms
Loss rate: 4.53%

Run 2: Report of FillP — Data Link

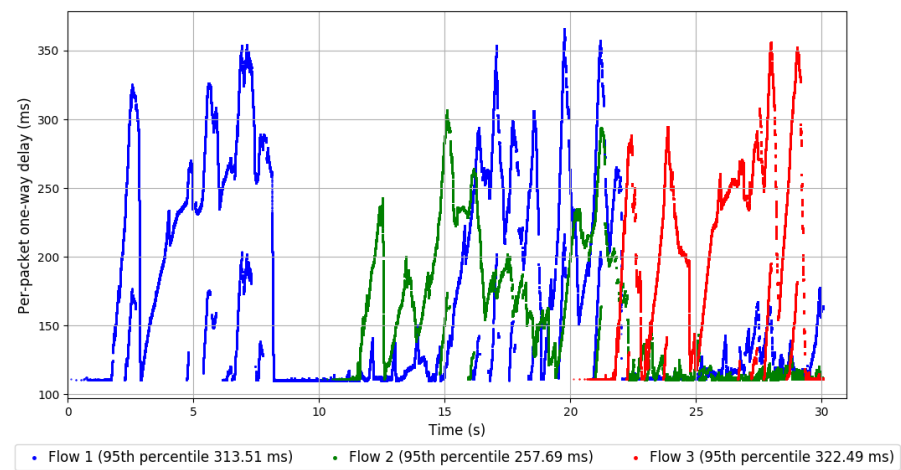
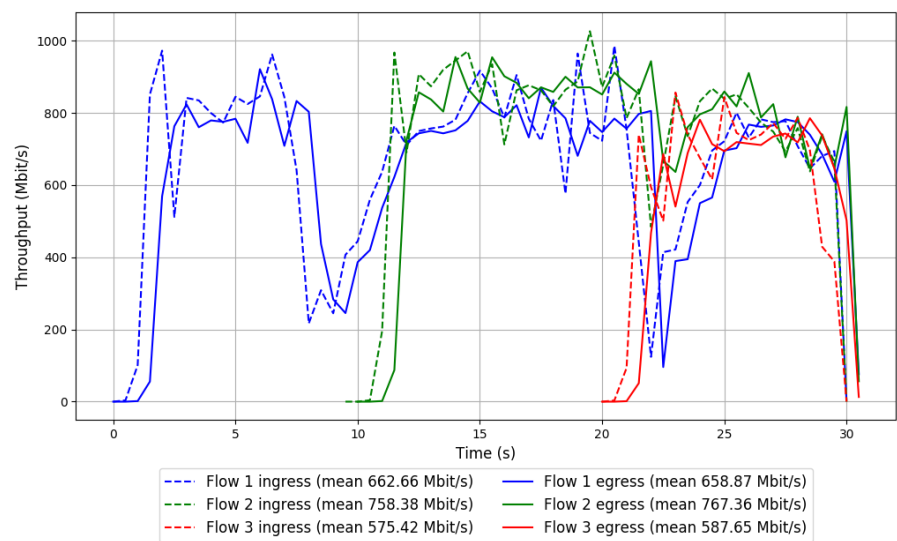


Run 3: Statistics of FillP

Start at: 2018-07-03 16:04:11
End at: 2018-07-03 16:04:41
Local clock offset: 0.268 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-03 20:06:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 1364.34 Mbit/s
95th percentile per-packet one-way delay: 297.594 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 658.87 Mbit/s
95th percentile per-packet one-way delay: 313.514 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 767.36 Mbit/s
95th percentile per-packet one-way delay: 257.694 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 587.65 Mbit/s
95th percentile per-packet one-way delay: 322.490 ms
Loss rate: 0.21%

Run 3: Report of FillP — Data Link

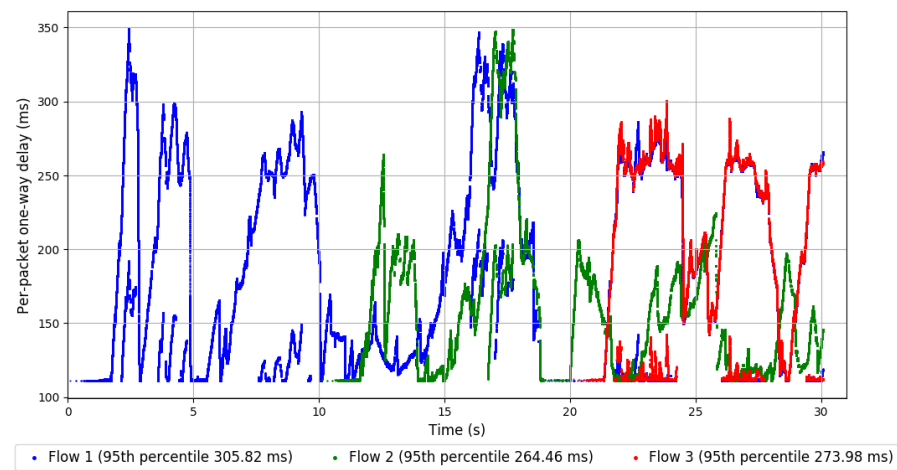
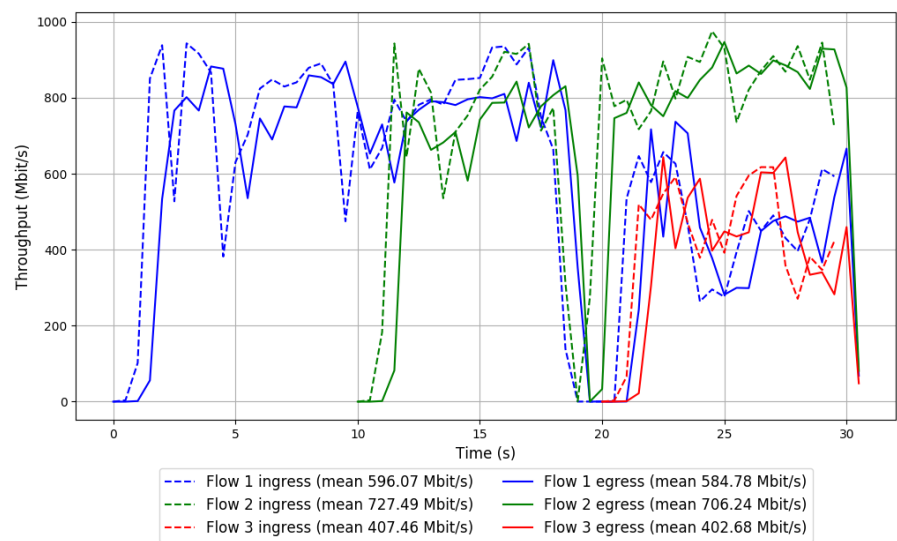


Run 4: Statistics of FillP

Start at: 2018-07-03 16:30:05
End at: 2018-07-03 16:30:35
Local clock offset: -0.336 ms
Remote clock offset: -0.258 ms

Below is generated by plot.py at 2018-07-03 20:06:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 1188.19 Mbit/s
95th percentile per-packet one-way delay: 296.397 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 584.78 Mbit/s
95th percentile per-packet one-way delay: 305.825 ms
Loss rate: 1.89%
-- Flow 2:
Average throughput: 706.24 Mbit/s
95th percentile per-packet one-way delay: 264.459 ms
Loss rate: 2.92%
-- Flow 3:
Average throughput: 402.68 Mbit/s
95th percentile per-packet one-way delay: 273.977 ms
Loss rate: 1.15%

Run 4: Report of FillP — Data Link

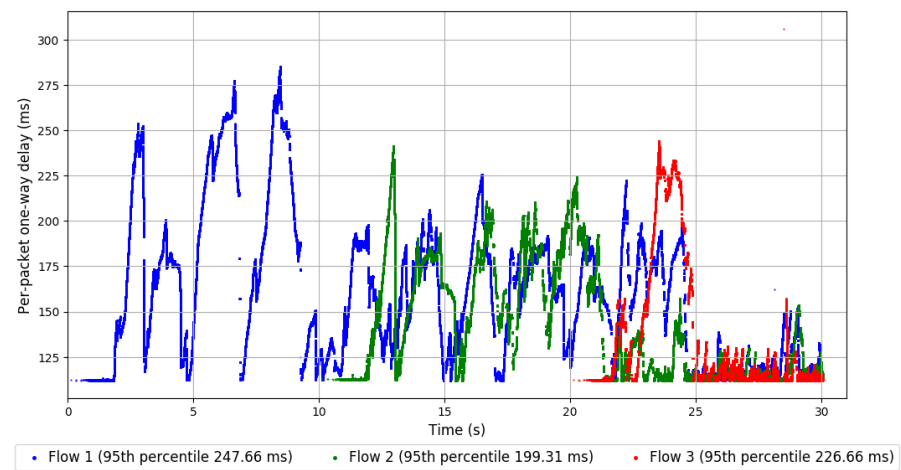
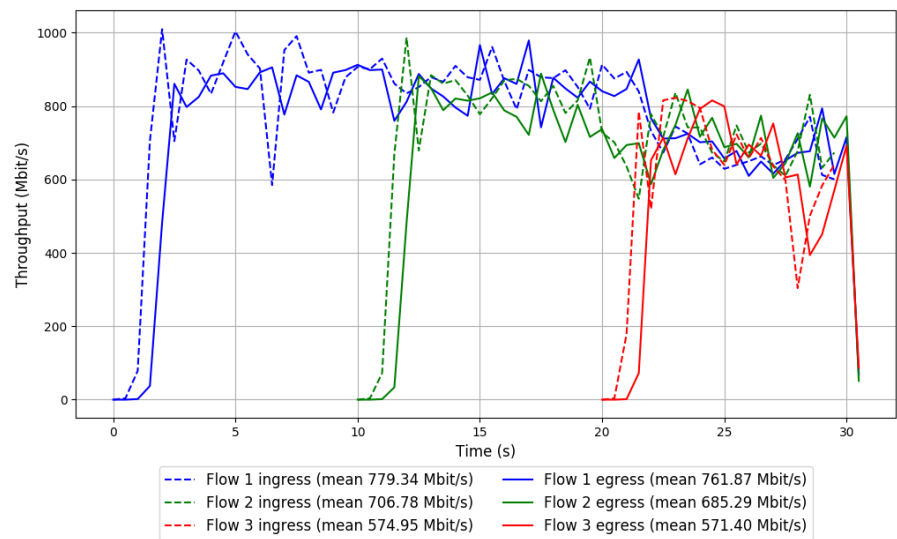


Run 5: Statistics of FillP

Start at: 2018-07-03 16:56:04
End at: 2018-07-03 16:56:34
Local clock offset: -1.21 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-03 20:09:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 1407.39 Mbit/s
95th percentile per-packet one-way delay: 230.677 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 761.87 Mbit/s
95th percentile per-packet one-way delay: 247.665 ms
Loss rate: 2.24%
-- Flow 2:
Average throughput: 685.29 Mbit/s
95th percentile per-packet one-way delay: 199.310 ms
Loss rate: 3.04%
-- Flow 3:
Average throughput: 571.40 Mbit/s
95th percentile per-packet one-way delay: 226.665 ms
Loss rate: 0.63%

Run 5: Report of FillP — Data Link

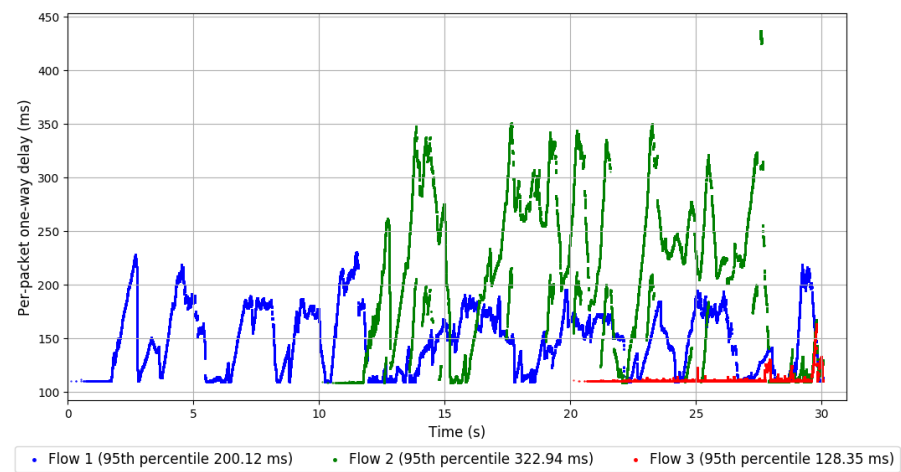
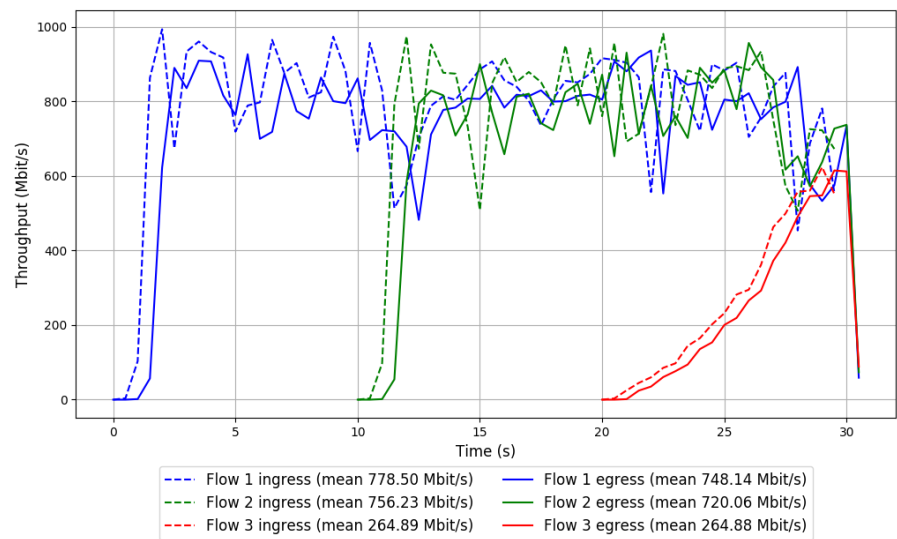


Run 6: Statistics of FillP

Start at: 2018-07-03 17:22:15
End at: 2018-07-03 17:22:45
Local clock offset: 1.239 ms
Remote clock offset: -0.466 ms

Below is generated by plot.py at 2018-07-03 20:09:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 1315.10 Mbit/s
95th percentile per-packet one-way delay: 293.150 ms
Loss rate: 3.96%
-- Flow 1:
Average throughput: 748.14 Mbit/s
95th percentile per-packet one-way delay: 200.124 ms
Loss rate: 3.89%
-- Flow 2:
Average throughput: 720.06 Mbit/s
95th percentile per-packet one-way delay: 322.940 ms
Loss rate: 4.77%
-- Flow 3:
Average throughput: 264.88 Mbit/s
95th percentile per-packet one-way delay: 128.351 ms
Loss rate: 0.00%

Run 6: Report of FillP — Data Link

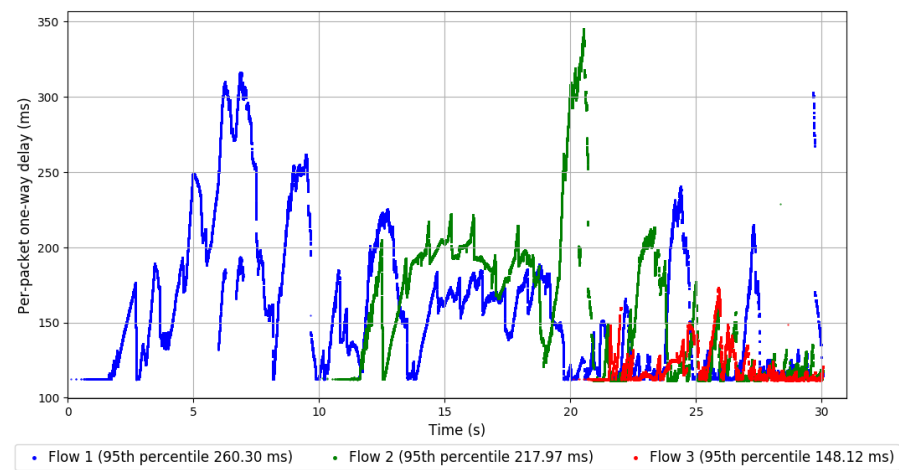
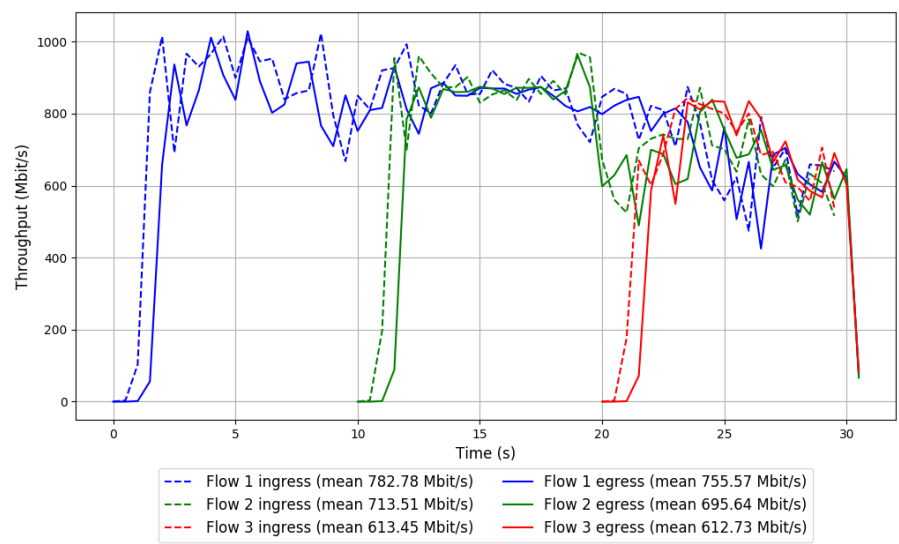


Run 7: Statistics of FillP

Start at: 2018-07-03 17:48:22
End at: 2018-07-03 17:48:52
Local clock offset: -1.273 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2018-07-03 20:10:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 1421.73 Mbit/s
95th percentile per-packet one-way delay: 250.318 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 755.57 Mbit/s
95th percentile per-packet one-way delay: 260.298 ms
Loss rate: 3.48%
-- Flow 2:
Average throughput: 695.64 Mbit/s
95th percentile per-packet one-way delay: 217.971 ms
Loss rate: 2.51%
-- Flow 3:
Average throughput: 612.73 Mbit/s
95th percentile per-packet one-way delay: 148.118 ms
Loss rate: 0.12%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-07-03 18:15:35

End at: 2018-07-03 18:16:05

Local clock offset: 1.185 ms

Remote clock offset: -0.25 ms

Below is generated by plot.py at 2018-07-03 20:12:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 1472.85 Mbit/s

95th percentile per-packet one-way delay: 277.223 ms

Loss rate: 1.64%

-- Flow 1:

Average throughput: 790.76 Mbit/s

95th percentile per-packet one-way delay: 289.792 ms

Loss rate: 1.27%

-- Flow 2:

Average throughput: 768.69 Mbit/s

95th percentile per-packet one-way delay: 188.628 ms

Loss rate: 2.34%

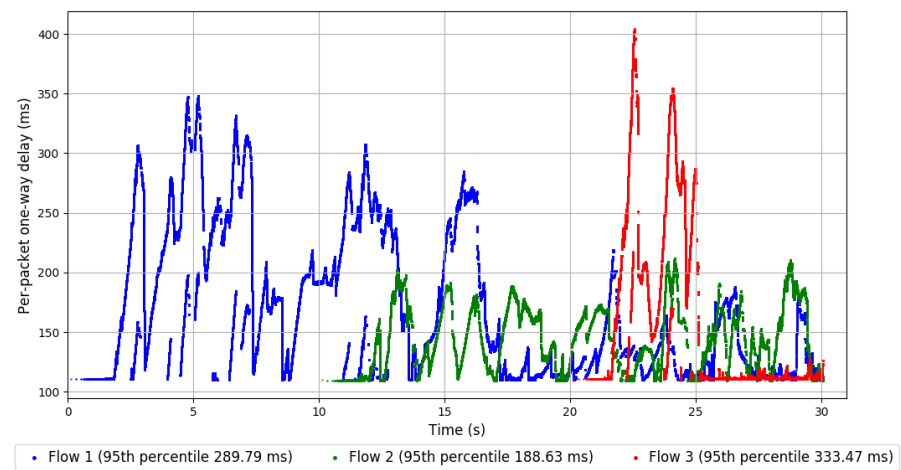
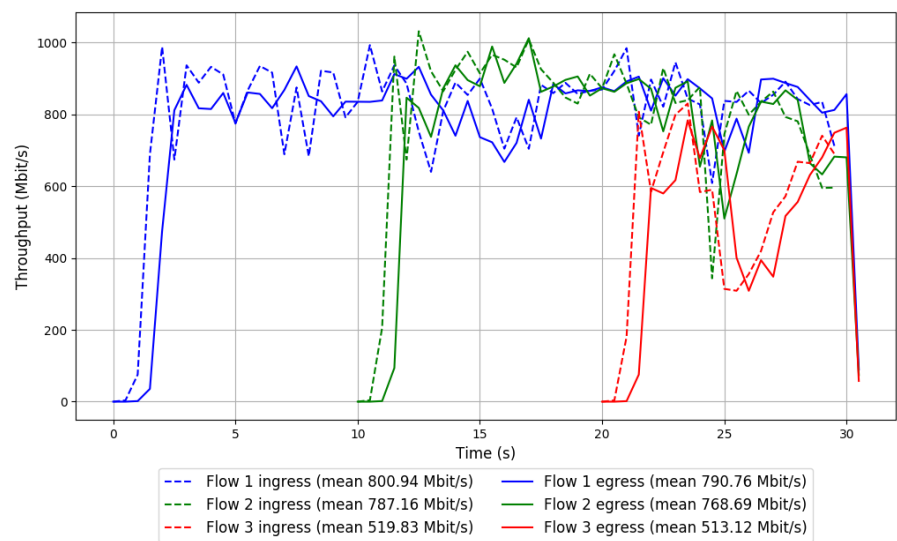
-- Flow 3:

Average throughput: 513.12 Mbit/s

95th percentile per-packet one-way delay: 333.467 ms

Loss rate: 1.29%

Run 8: Report of FillP — Data Link

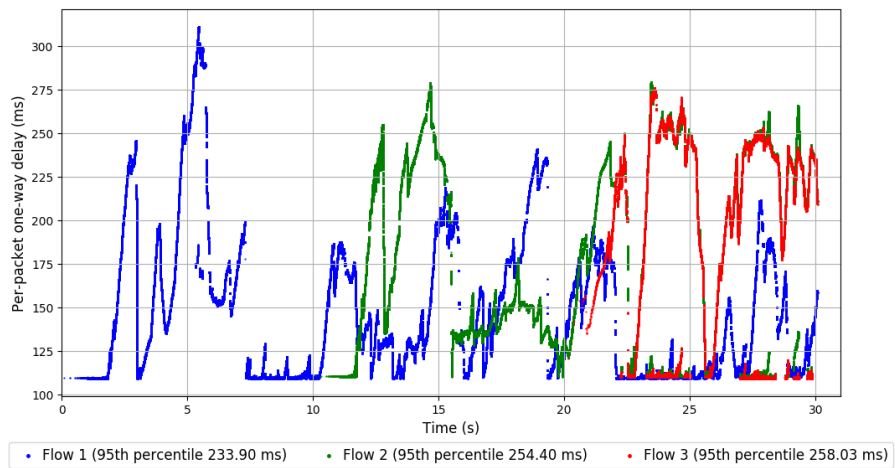
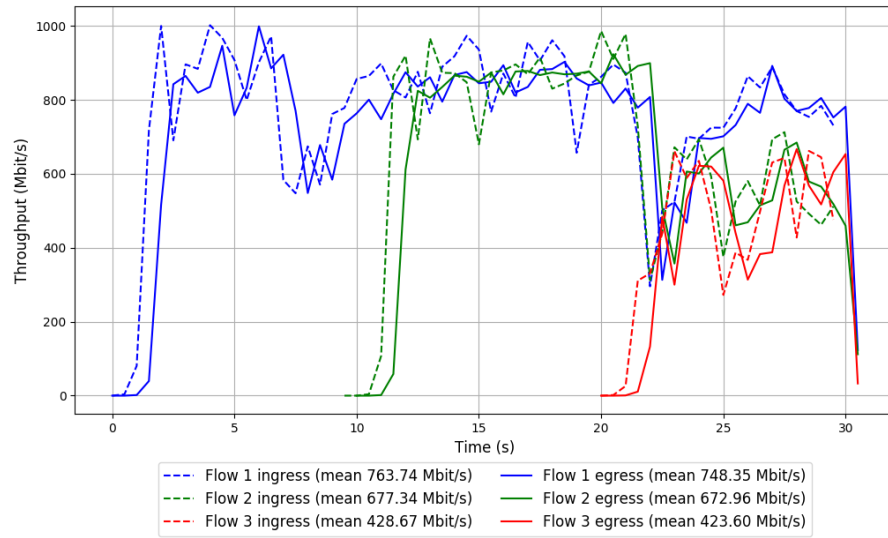


Run 9: Statistics of FillP

Start at: 2018-07-03 18:42:33
End at: 2018-07-03 18:43:03
Local clock offset: 1.291 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-07-03 20:28:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 1337.21 Mbit/s
95th percentile per-packet one-way delay: 252.381 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 748.35 Mbit/s
95th percentile per-packet one-way delay: 233.901 ms
Loss rate: 1.92%
-- Flow 2:
Average throughput: 672.96 Mbit/s
95th percentile per-packet one-way delay: 254.402 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 423.60 Mbit/s
95th percentile per-packet one-way delay: 258.031 ms
Loss rate: 1.01%

Run 9: Report of FillP — Data Link

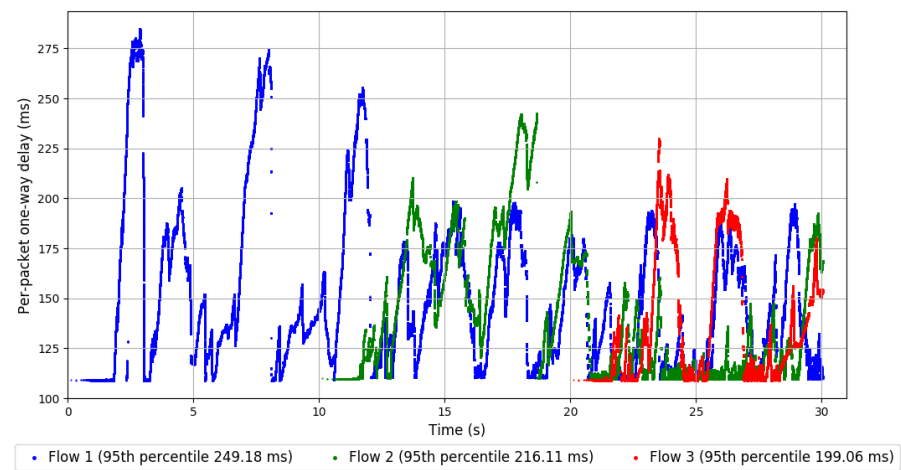
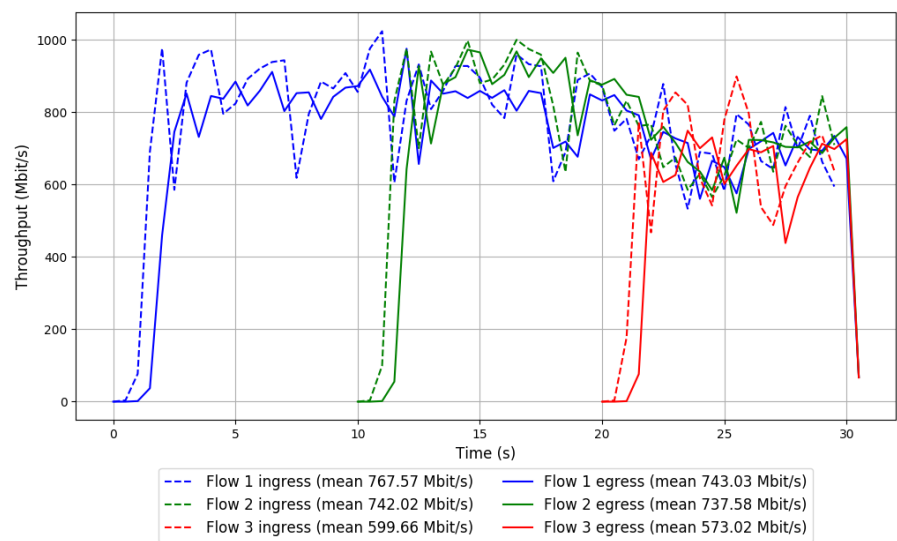


Run 10: Statistics of FillP

Start at: 2018-07-03 19:09:38
End at: 2018-07-03 19:10:08
Local clock offset: 1.369 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-03 20:32:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 1423.99 Mbit/s
95th percentile per-packet one-way delay: 228.191 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 743.03 Mbit/s
95th percentile per-packet one-way delay: 249.182 ms
Loss rate: 3.19%
-- Flow 2:
Average throughput: 737.58 Mbit/s
95th percentile per-packet one-way delay: 216.114 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 573.02 Mbit/s
95th percentile per-packet one-way delay: 199.058 ms
Loss rate: 4.44%

Run 10: Report of FillP — Data Link

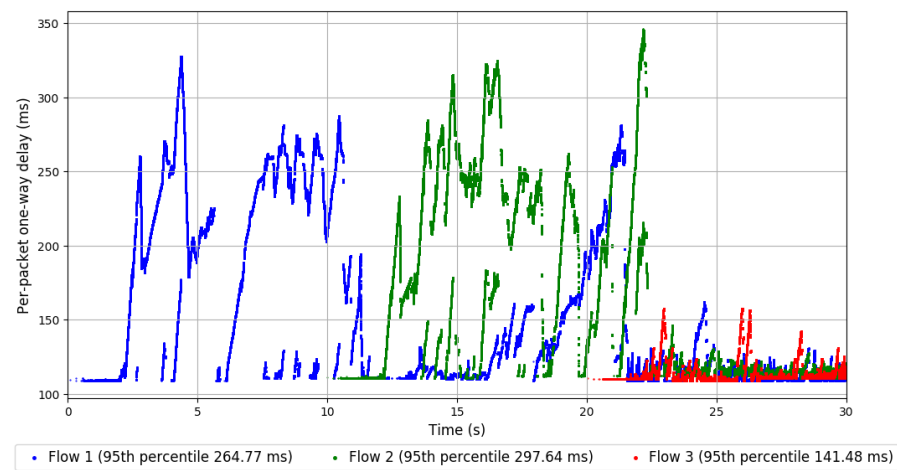
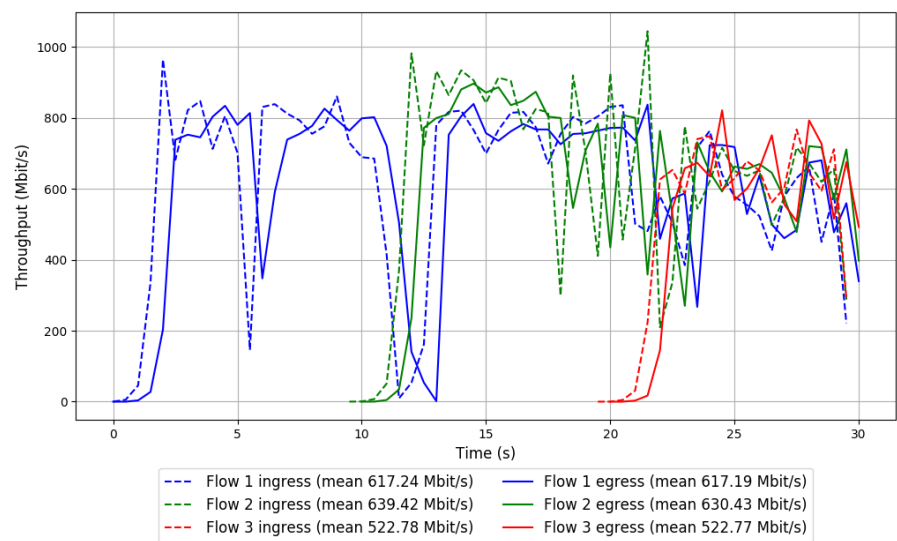


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-03 15:03:32
End at: 2018-07-03 15:04:02
Local clock offset: 0.163 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-07-03 20:32:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 1211.72 Mbit/s
95th percentile per-packet one-way delay: 268.309 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 617.19 Mbit/s
95th percentile per-packet one-way delay: 264.768 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 630.43 Mbit/s
95th percentile per-packet one-way delay: 297.645 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 522.77 Mbit/s
95th percentile per-packet one-way delay: 141.482 ms
Loss rate: 0.00%

Run 1: Report of FillP-Sheep — Data Link

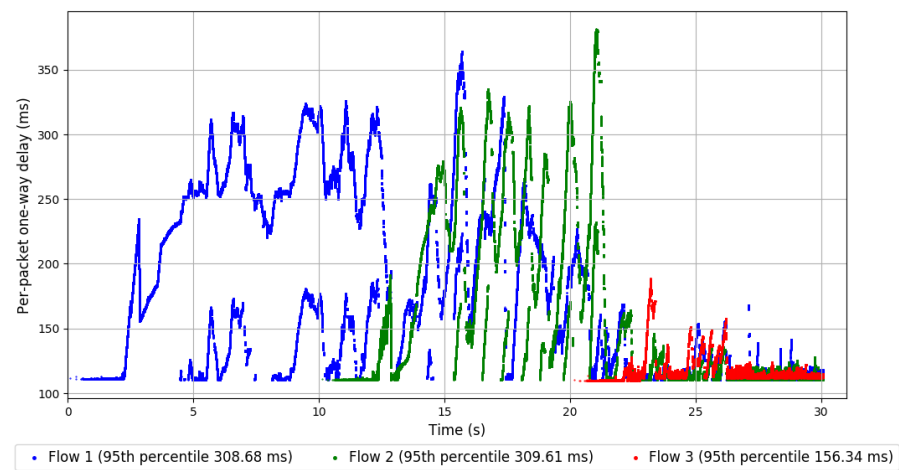
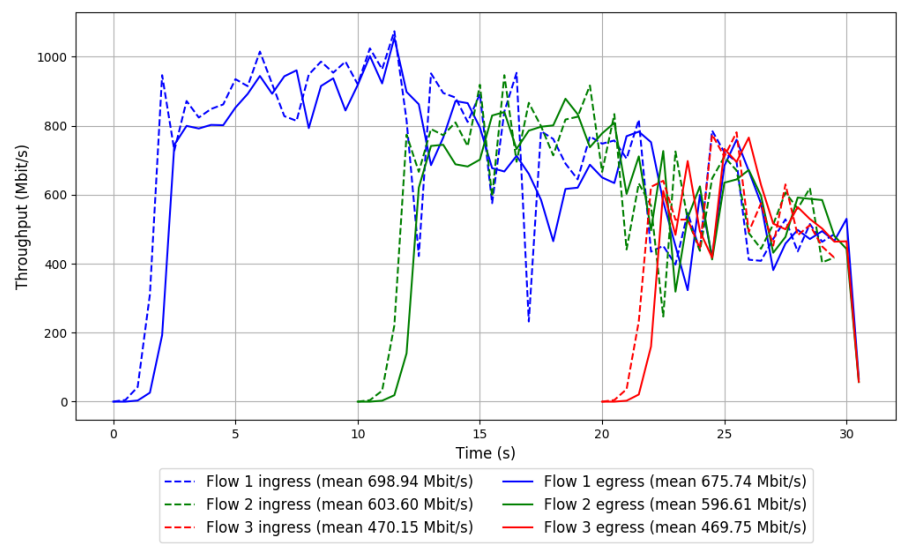


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-03 15:29:36
End at: 2018-07-03 15:30:06
Local clock offset: -0.12 ms
Remote clock offset: -0.517 ms

Below is generated by plot.py at 2018-07-03 20:32:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 1228.04 Mbit/s
95th percentile per-packet one-way delay: 306.981 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 675.74 Mbit/s
95th percentile per-packet one-way delay: 308.684 ms
Loss rate: 3.30%
-- Flow 2:
Average throughput: 596.61 Mbit/s
95th percentile per-packet one-way delay: 309.606 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 469.75 Mbit/s
95th percentile per-packet one-way delay: 156.343 ms
Loss rate: 0.07%

Run 2: Report of FillP-Sheep — Data Link

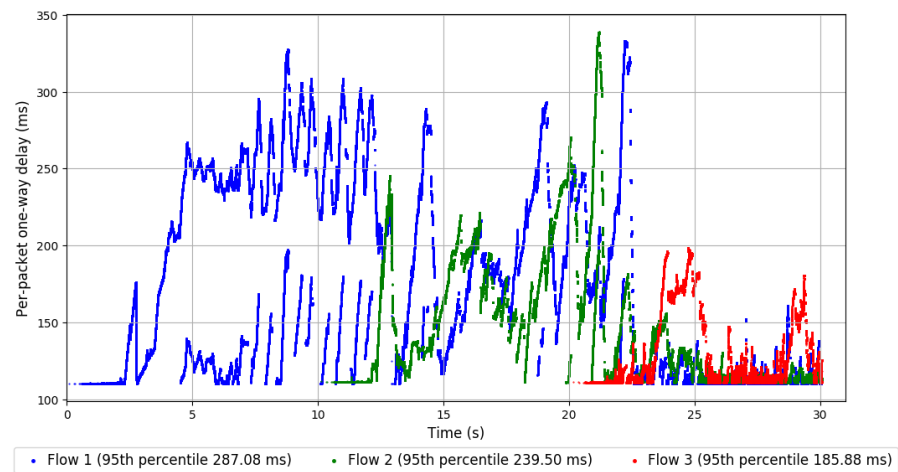
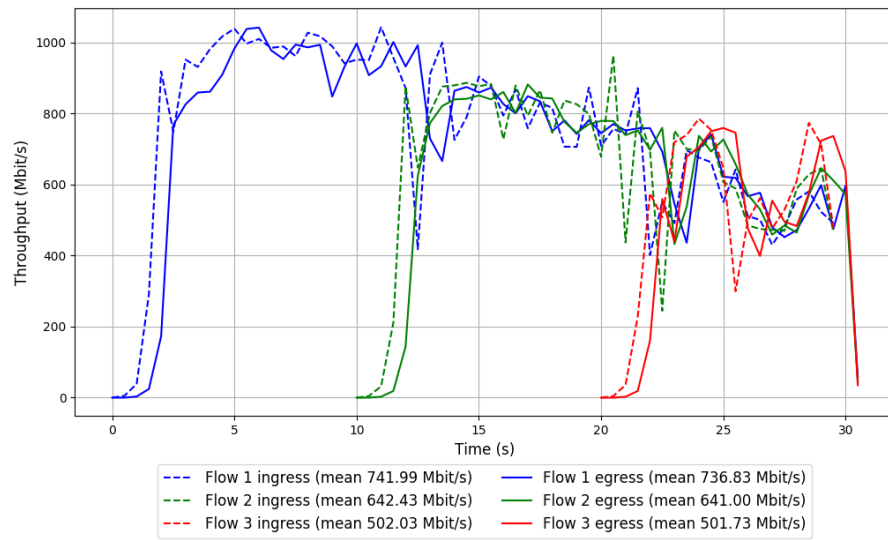


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-03 15:55:42
End at: 2018-07-03 15:56:12
Local clock offset: -0.011 ms
Remote clock offset: -0.596 ms

Below is generated by plot.py at 2018-07-03 20:33:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 1328.65 Mbit/s
95th percentile per-packet one-way delay: 277.591 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 736.83 Mbit/s
95th percentile per-packet one-way delay: 287.083 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 641.00 Mbit/s
95th percentile per-packet one-way delay: 239.501 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 501.73 Mbit/s
95th percentile per-packet one-way delay: 185.884 ms
Loss rate: 0.00%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-07-03 16:22:07

End at: 2018-07-03 16:22:37

Local clock offset: -0.185 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-07-03 20:33:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 876.51 Mbit/s

95th percentile per-packet one-way delay: 290.039 ms

Loss rate: 3.31%

-- Flow 1:

Average throughput: 168.81 Mbit/s

95th percentile per-packet one-way delay: 321.172 ms

Loss rate: 7.21%

-- Flow 2:

Average throughput: 766.97 Mbit/s

95th percentile per-packet one-way delay: 289.494 ms

Loss rate: 2.50%

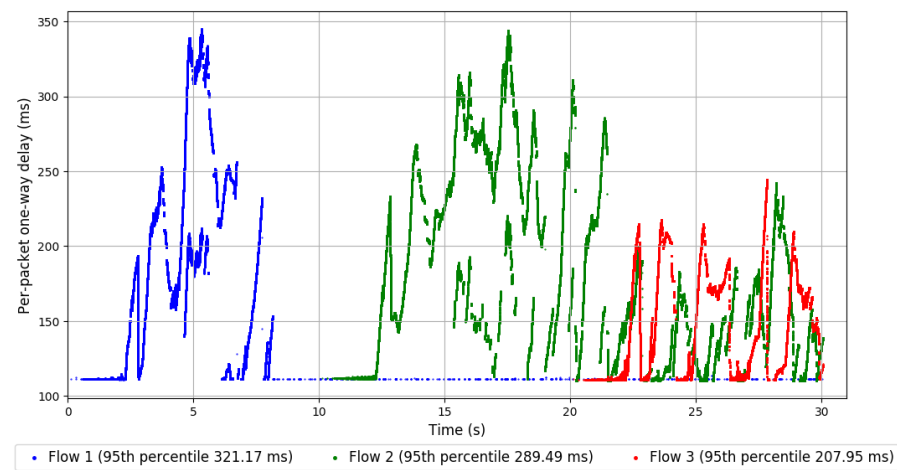
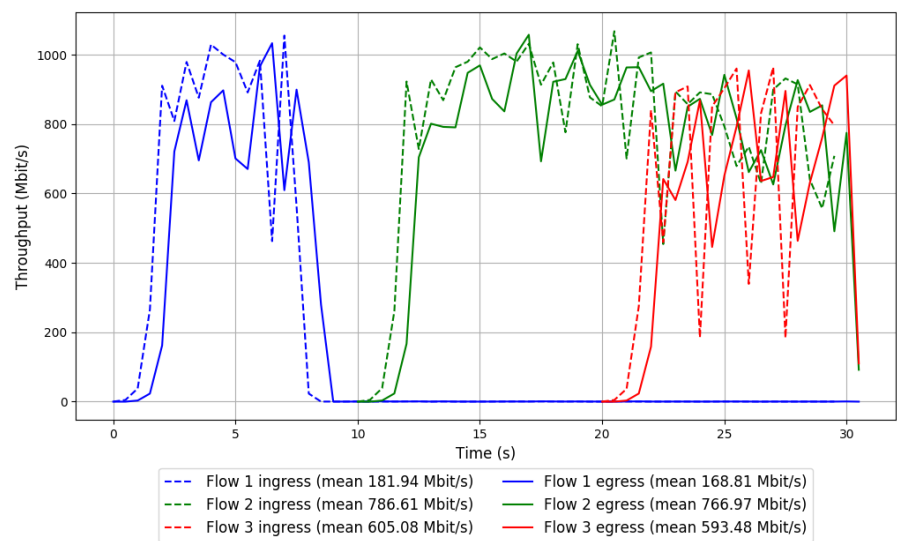
-- Flow 3:

Average throughput: 593.48 Mbit/s

95th percentile per-packet one-way delay: 207.949 ms

Loss rate: 1.90%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-03 16:47:57

End at: 2018-07-03 16:48:27

Local clock offset: -1.067 ms

Remote clock offset: 0.098 ms

Below is generated by plot.py at 2018-07-03 20:33:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 902.62 Mbit/s

95th percentile per-packet one-way delay: 319.408 ms

Loss rate: 7.33%

-- Flow 1:

Average throughput: 267.56 Mbit/s

95th percentile per-packet one-way delay: 313.437 ms

Loss rate: 4.69%

-- Flow 2:

Average throughput: 665.15 Mbit/s

95th percentile per-packet one-way delay: 325.595 ms

Loss rate: 9.86%

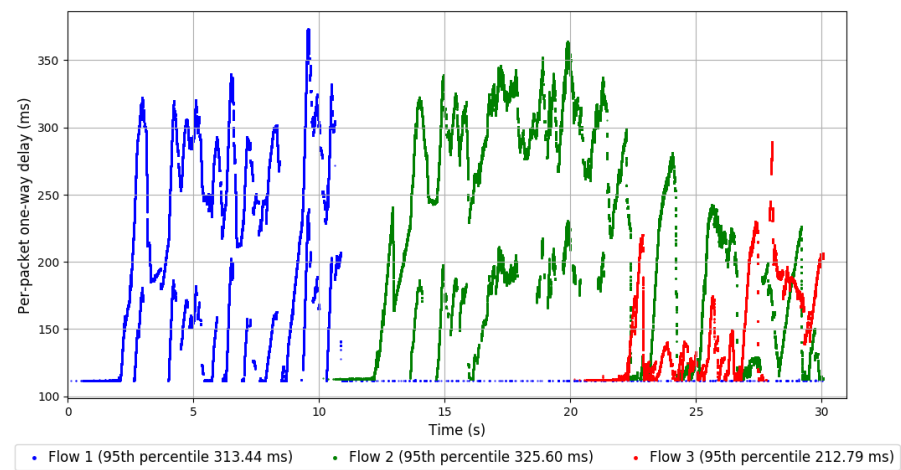
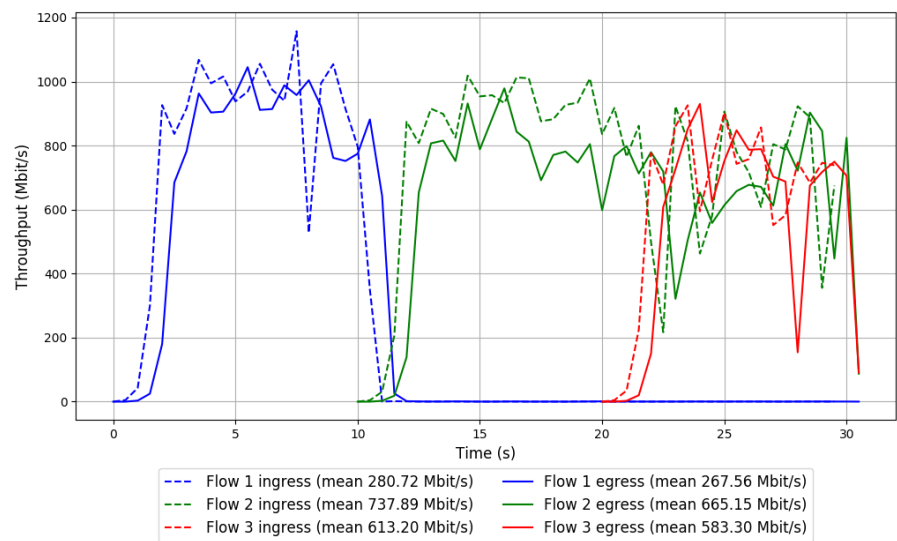
-- Flow 3:

Average throughput: 583.30 Mbit/s

95th percentile per-packet one-way delay: 212.787 ms

Loss rate: 4.89%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-07-03 17:14:06

End at: 2018-07-03 17:14:36

Local clock offset: -0.029 ms

Remote clock offset: 0.233 ms

Below is generated by plot.py at 2018-07-03 20:33:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 994.84 Mbit/s

95th percentile per-packet one-way delay: 308.245 ms

Loss rate: 4.21%

-- Flow 1:

Average throughput: 311.22 Mbit/s

95th percentile per-packet one-way delay: 304.895 ms

Loss rate: 3.23%

-- Flow 2:

Average throughput: 698.53 Mbit/s

95th percentile per-packet one-way delay: 314.586 ms

Loss rate: 6.47%

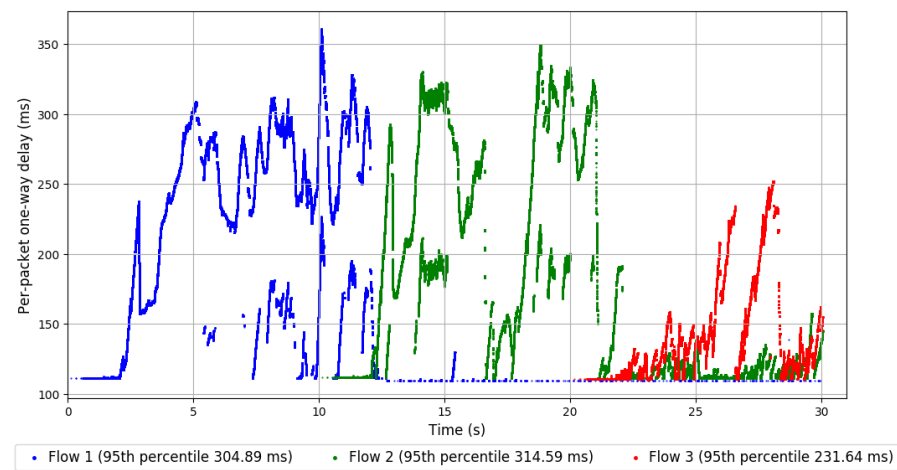
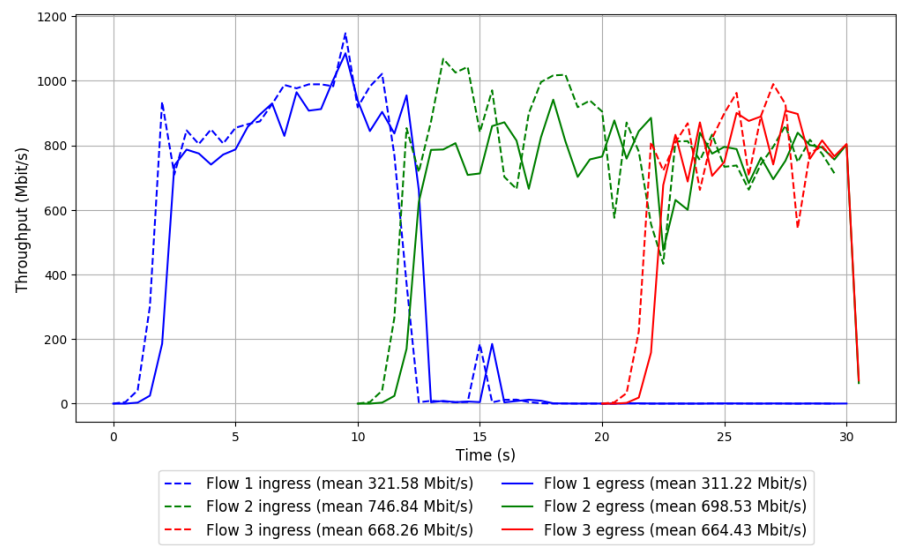
-- Flow 3:

Average throughput: 664.43 Mbit/s

95th percentile per-packet one-way delay: 231.642 ms

Loss rate: 0.57%

Run 6: Report of FillP-Sheep — Data Link

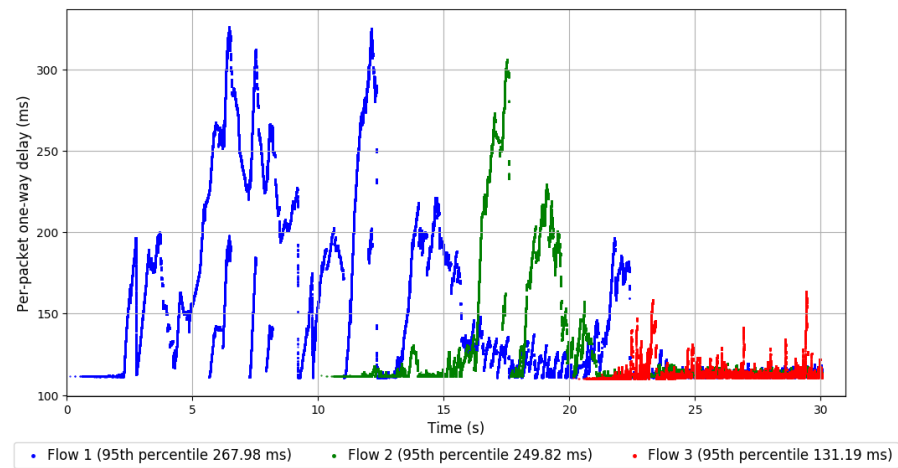
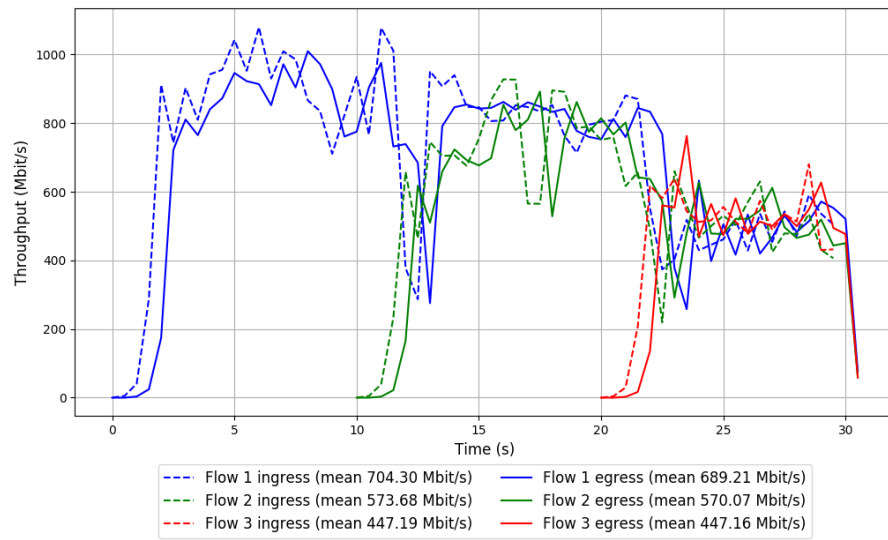


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-03 17:40:05
End at: 2018-07-03 17:40:35
Local clock offset: -0.002 ms
Remote clock offset: -0.186 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 1216.34 Mbit/s
95th percentile per-packet one-way delay: 259.516 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 689.21 Mbit/s
95th percentile per-packet one-way delay: 267.983 ms
Loss rate: 2.14%
-- Flow 2:
Average throughput: 570.07 Mbit/s
95th percentile per-packet one-way delay: 249.819 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 447.16 Mbit/s
95th percentile per-packet one-way delay: 131.188 ms
Loss rate: 0.00%

Run 7: Report of FillP-Sheep — Data Link

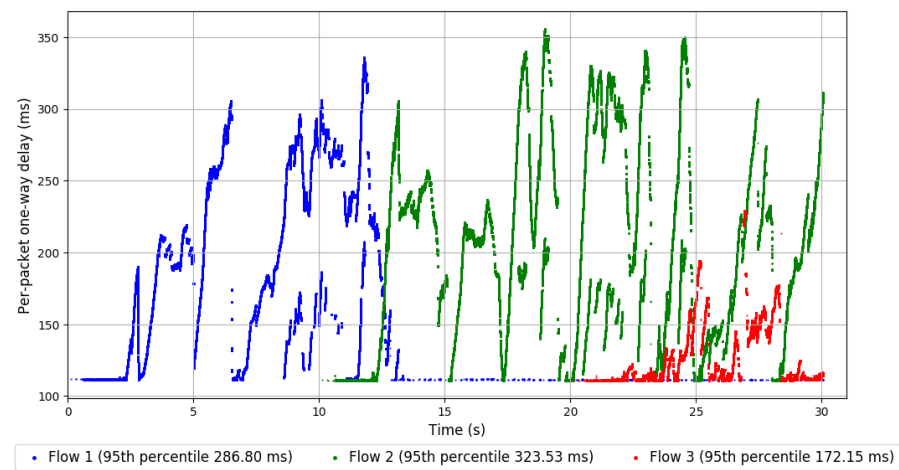
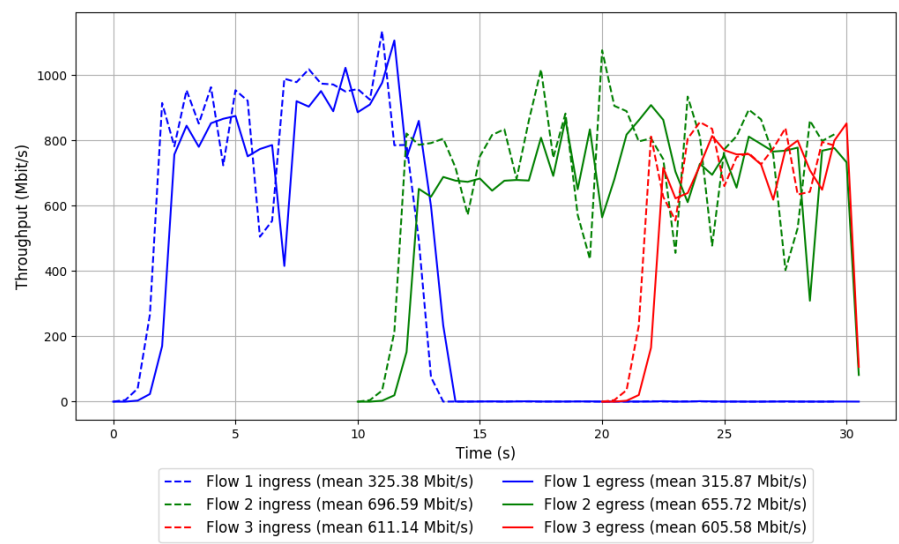


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-03 18:06:30
End at: 2018-07-03 18:07:00
Local clock offset: -0.05 ms
Remote clock offset: -0.273 ms

```
# Below is generated by plot.py at 2018-07-03 20:51:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 952.80 Mbit/s
95th percentile per-packet one-way delay: 309.944 ms
Loss rate: 3.89%
-- Flow 1:
Average throughput: 315.87 Mbit/s
95th percentile per-packet one-way delay: 286.797 ms
Loss rate: 2.92%
-- Flow 2:
Average throughput: 655.72 Mbit/s
95th percentile per-packet one-way delay: 323.526 ms
Loss rate: 5.86%
-- Flow 3:
Average throughput: 605.58 Mbit/s
95th percentile per-packet one-way delay: 172.147 ms
Loss rate: 0.90%
```

Run 8: Report of FillP-Sheep — Data Link

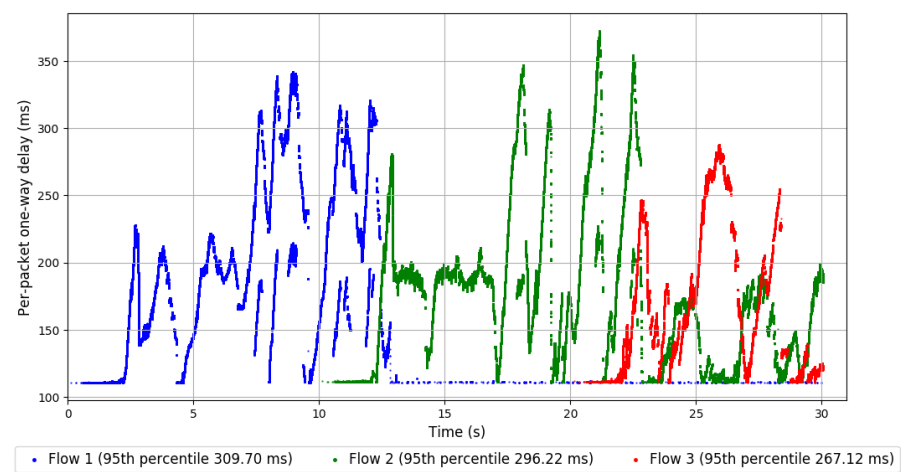
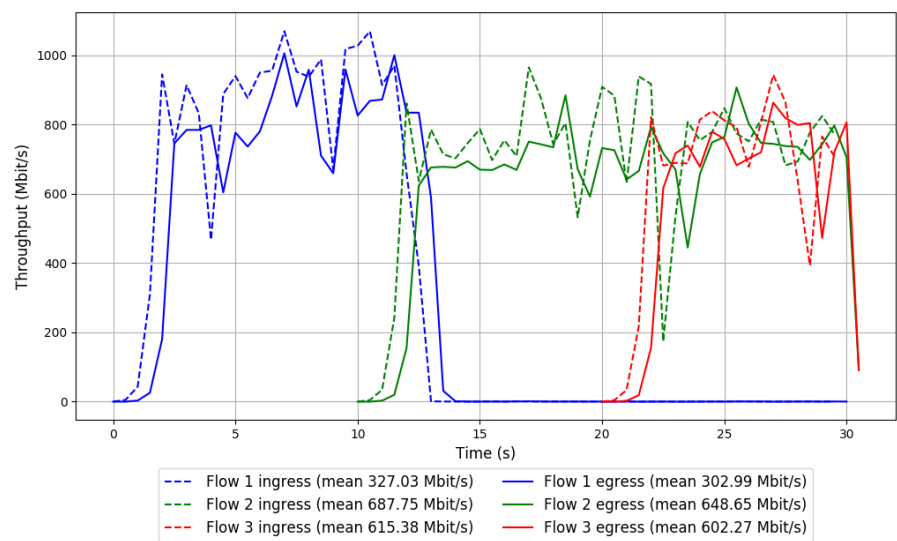


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-03 18:34:11
End at: 2018-07-03 18:34:41
Local clock offset: 0.214 ms
Remote clock offset: -0.263 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 933.11 Mbit/s
95th percentile per-packet one-way delay: 299.906 ms
Loss rate: 5.48%
-- Flow 1:
Average throughput: 302.99 Mbit/s
95th percentile per-packet one-way delay: 309.697 ms
Loss rate: 7.35%
-- Flow 2:
Average throughput: 648.65 Mbit/s
95th percentile per-packet one-way delay: 296.223 ms
Loss rate: 5.68%
-- Flow 3:
Average throughput: 602.27 Mbit/s
95th percentile per-packet one-way delay: 267.124 ms
Loss rate: 2.02%

Run 9: Report of FillP-Sheep — Data Link

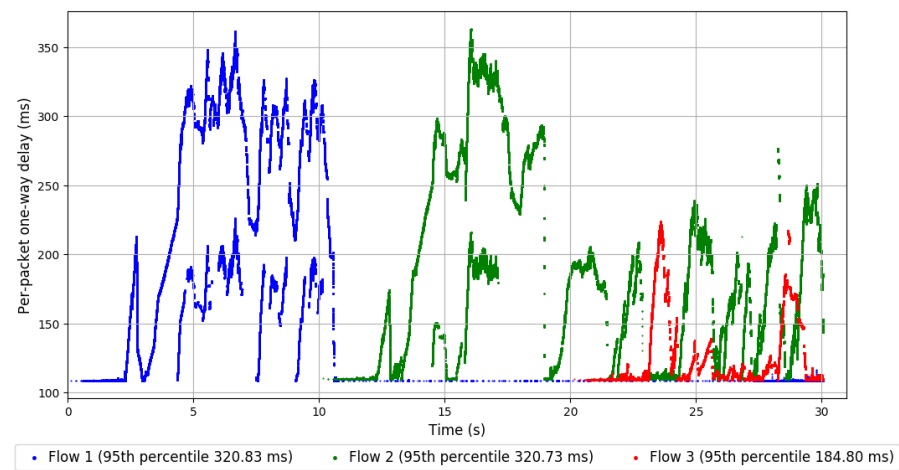
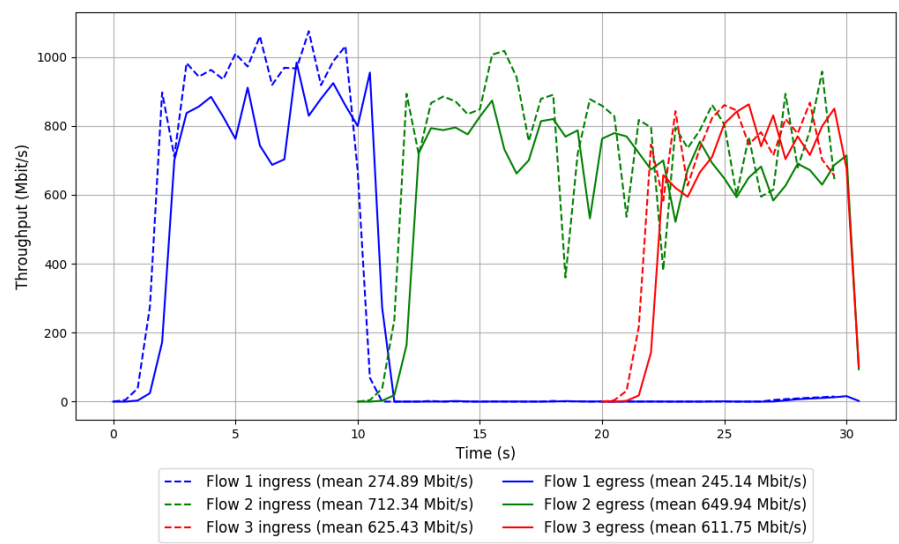


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-03 19:00:43
End at: 2018-07-03 19:01:13
Local clock offset: 1.53 ms
Remote clock offset: -0.168 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 879.39 Mbit/s
95th percentile per-packet one-way delay: 314.978 ms
Loss rate: 7.93%
-- Flow 1:
Average throughput: 245.14 Mbit/s
95th percentile per-packet one-way delay: 320.828 ms
Loss rate: 10.82%
-- Flow 2:
Average throughput: 649.94 Mbit/s
95th percentile per-packet one-way delay: 320.731 ms
Loss rate: 8.76%
-- Flow 3:
Average throughput: 611.75 Mbit/s
95th percentile per-packet one-way delay: 184.797 ms
Loss rate: 2.20%

Run 10: Report of FillP-Sheep — Data Link

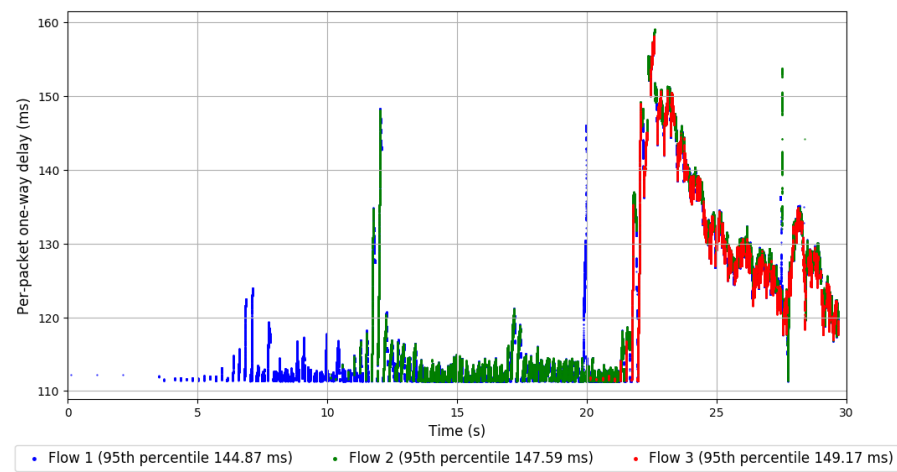
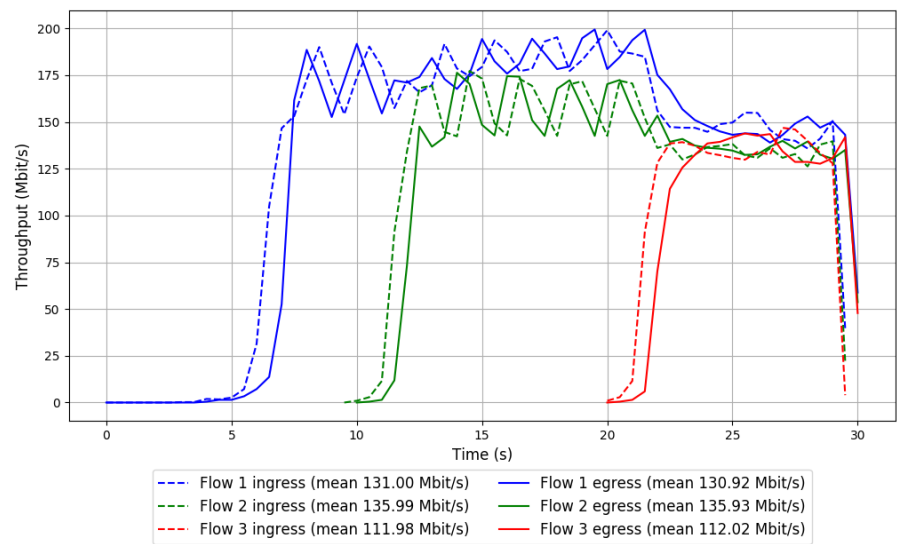


Run 1: Statistics of Indigo

Start at: 2018-07-03 14:55:33
End at: 2018-07-03 14:56:03
Local clock offset: -1.146 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 257.06 Mbit/s
95th percentile per-packet one-way delay: 147.276 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 130.92 Mbit/s
95th percentile per-packet one-way delay: 144.872 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 135.93 Mbit/s
95th percentile per-packet one-way delay: 147.589 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 112.02 Mbit/s
95th percentile per-packet one-way delay: 149.171 ms
Loss rate: 0.05%

Run 1: Report of Indigo — Data Link

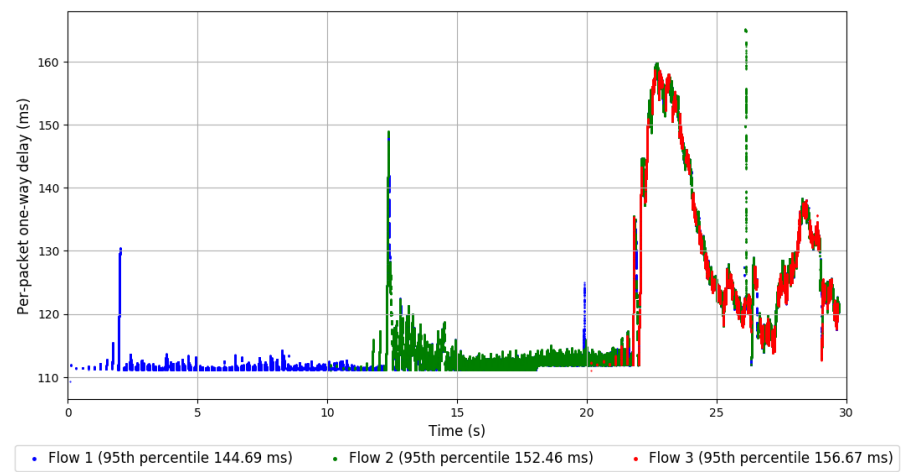
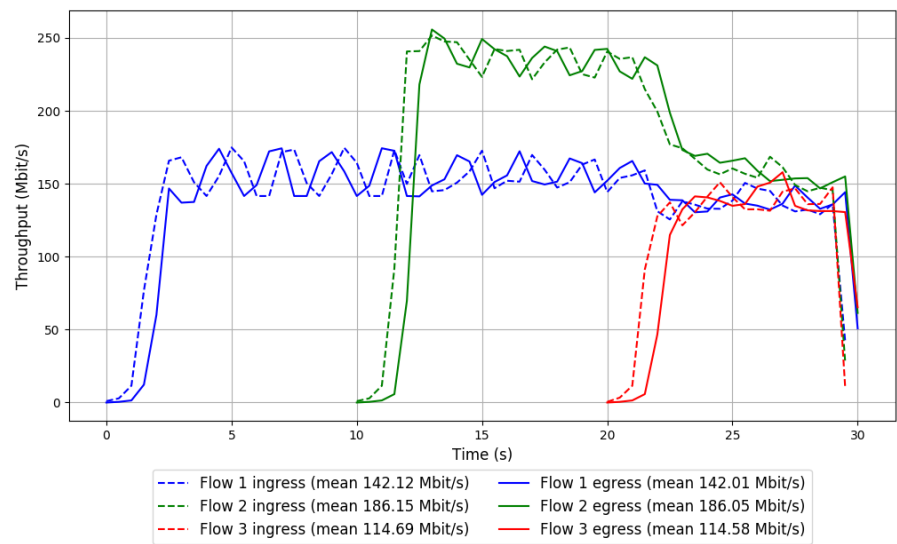


Run 2: Statistics of Indigo

Start at: 2018-07-03 15:21:31
End at: 2018-07-03 15:22:01
Local clock offset: 0.15 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 301.80 Mbit/s
95th percentile per-packet one-way delay: 152.659 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 142.01 Mbit/s
95th percentile per-packet one-way delay: 144.692 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 186.05 Mbit/s
95th percentile per-packet one-way delay: 152.459 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 114.58 Mbit/s
95th percentile per-packet one-way delay: 156.672 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

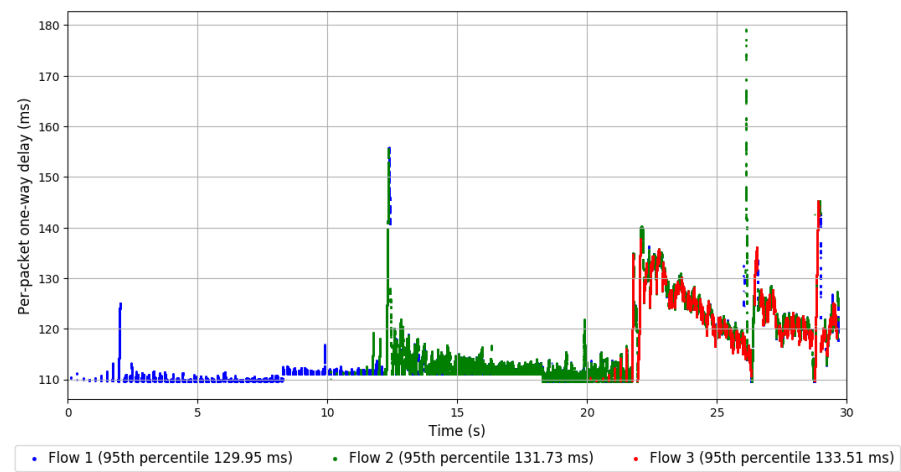
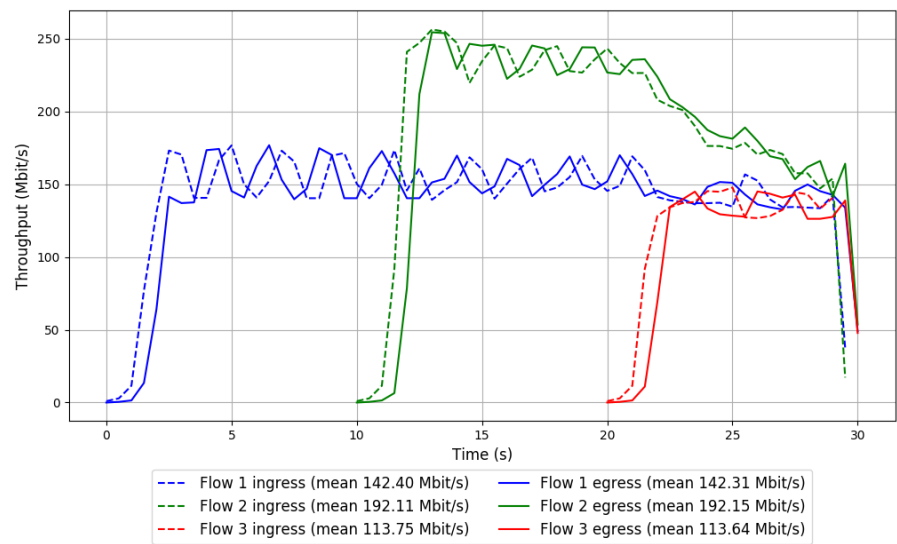


Run 3: Statistics of Indigo

Start at: 2018-07-03 15:47:40
End at: 2018-07-03 15:48:10
Local clock offset: 0.199 ms
Remote clock offset: -0.177 ms

```
# Below is generated by plot.py at 2018-07-03 20:51:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 305.80 Mbit/s
95th percentile per-packet one-way delay: 131.993 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 142.31 Mbit/s
95th percentile per-packet one-way delay: 129.947 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 192.15 Mbit/s
95th percentile per-packet one-way delay: 131.729 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 113.64 Mbit/s
95th percentile per-packet one-way delay: 133.512 ms
Loss rate: 0.00%
```


Run 3: Report of Indigo — Data Link

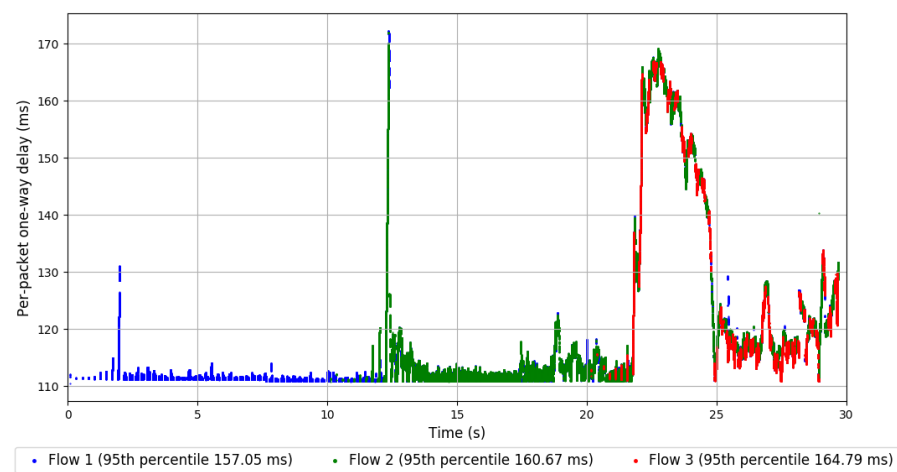
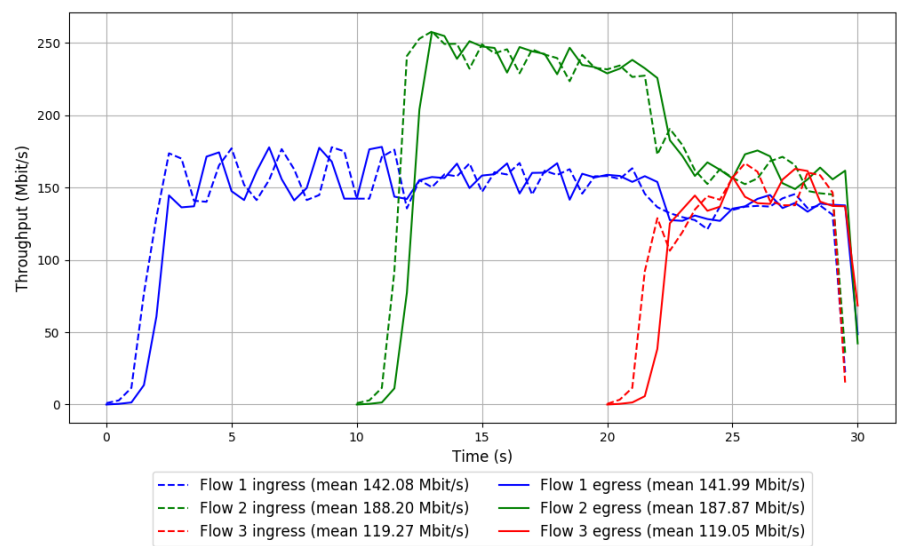


Run 4: Statistics of Indigo

Start at: 2018-07-03 16:14:01
End at: 2018-07-03 16:14:31
Local clock offset: 0.051 ms
Remote clock offset: -0.246 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 304.55 Mbit/s
95th percentile per-packet one-way delay: 160.623 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 141.99 Mbit/s
95th percentile per-packet one-way delay: 157.050 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 187.87 Mbit/s
95th percentile per-packet one-way delay: 160.672 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 119.05 Mbit/s
95th percentile per-packet one-way delay: 164.786 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

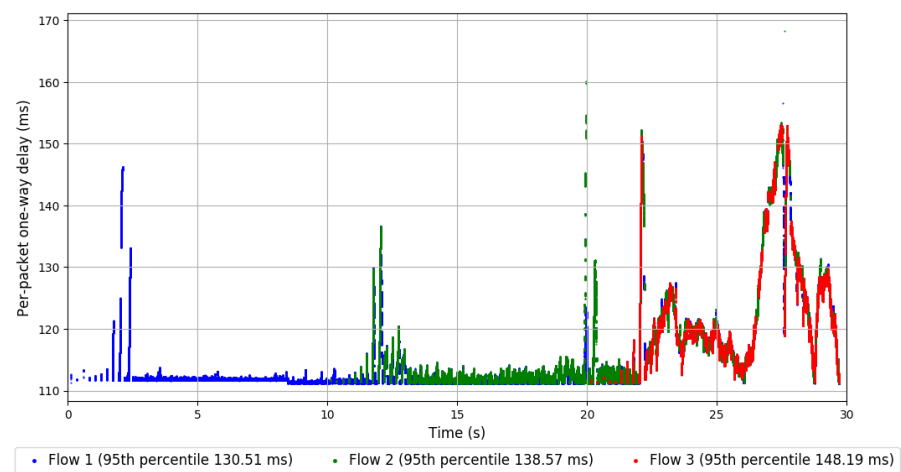
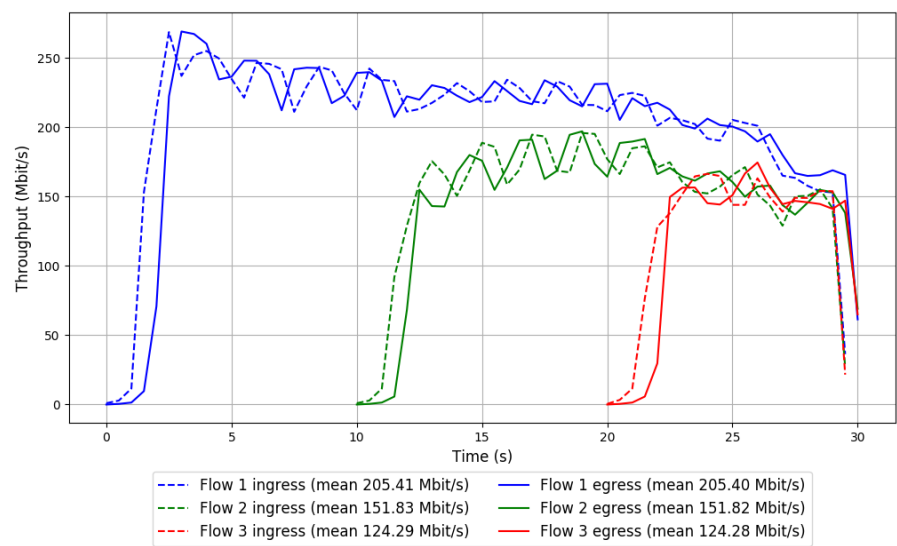


Run 5: Statistics of Indigo

Start at: 2018-07-03 16:39:50
End at: 2018-07-03 16:40:20
Local clock offset: -0.332 ms
Remote clock offset: -0.233 ms

```
# Below is generated by plot.py at 2018-07-03 20:51:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 345.88 Mbit/s
95th percentile per-packet one-way delay: 137.463 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 205.40 Mbit/s
95th percentile per-packet one-way delay: 130.515 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 151.82 Mbit/s
95th percentile per-packet one-way delay: 138.566 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 124.28 Mbit/s
95th percentile per-packet one-way delay: 148.187 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

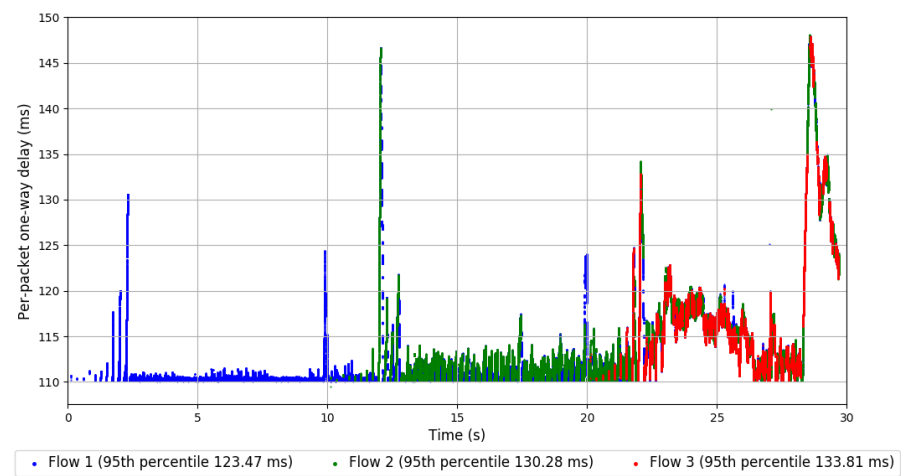
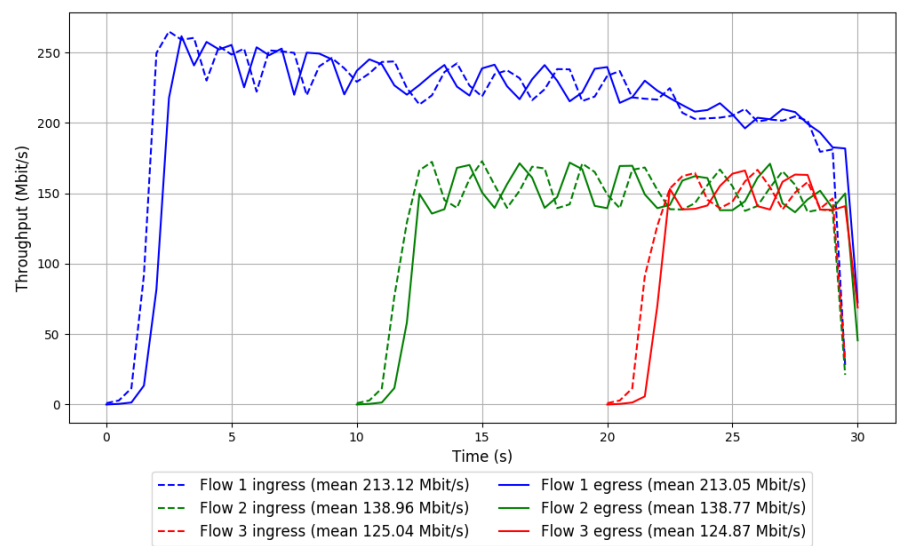


Run 6: Statistics of Indigo

Start at: 2018-07-03 17:06:00
End at: 2018-07-03 17:06:30
Local clock offset: -0.03 ms
Remote clock offset: -0.189 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 345.21 Mbit/s
95th percentile per-packet one-way delay: 128.625 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 213.05 Mbit/s
95th percentile per-packet one-way delay: 123.474 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 138.77 Mbit/s
95th percentile per-packet one-way delay: 130.279 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 124.87 Mbit/s
95th percentile per-packet one-way delay: 133.810 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

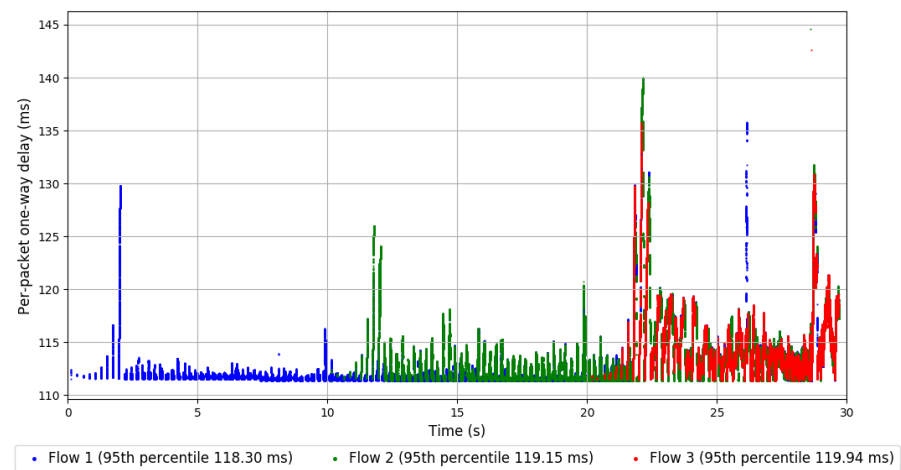
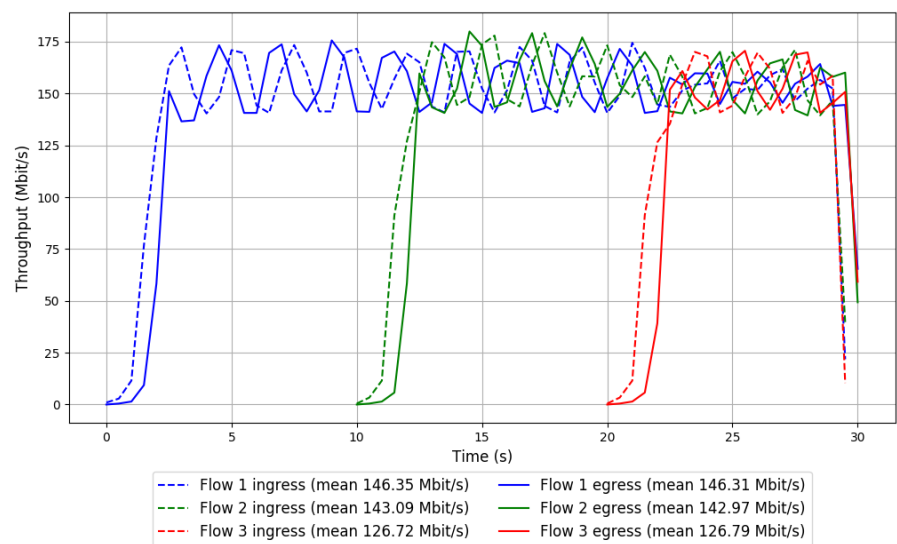


Run 7: Statistics of Indigo

Start at: 2018-07-03 17:32:01
End at: 2018-07-03 17:32:31
Local clock offset: 0.027 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 281.59 Mbit/s
95th percentile per-packet one-way delay: 118.834 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 146.31 Mbit/s
95th percentile per-packet one-way delay: 118.302 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 142.97 Mbit/s
95th percentile per-packet one-way delay: 119.152 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 126.79 Mbit/s
95th percentile per-packet one-way delay: 119.945 ms
Loss rate: 0.01%

Run 7: Report of Indigo — Data Link

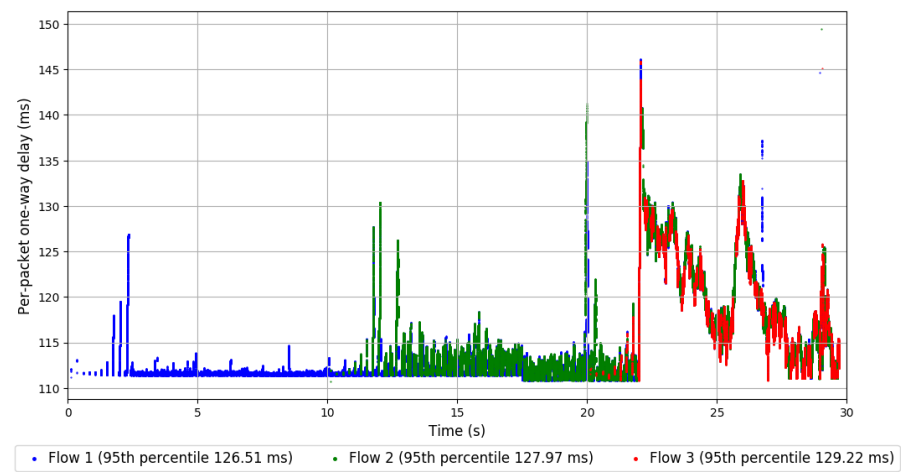
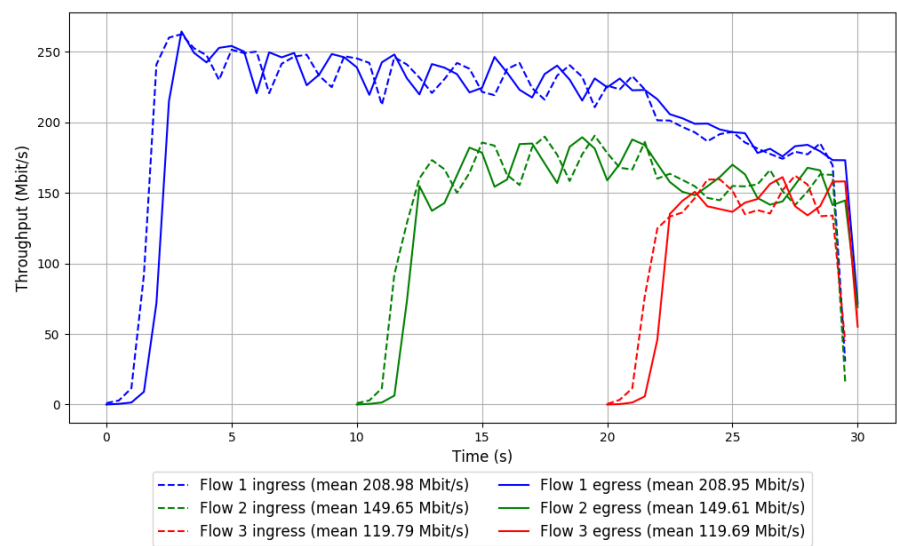


Run 8: Statistics of Indigo

Start at: 2018-07-03 17:58:21
End at: 2018-07-03 17:58:51
Local clock offset: -0.035 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-07-03 20:51:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 346.63 Mbit/s
95th percentile per-packet one-way delay: 127.665 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 208.95 Mbit/s
95th percentile per-packet one-way delay: 126.512 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 149.61 Mbit/s
95th percentile per-packet one-way delay: 127.975 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.69 Mbit/s
95th percentile per-packet one-way delay: 129.225 ms
Loss rate: 0.07%

Run 8: Report of Indigo — Data Link

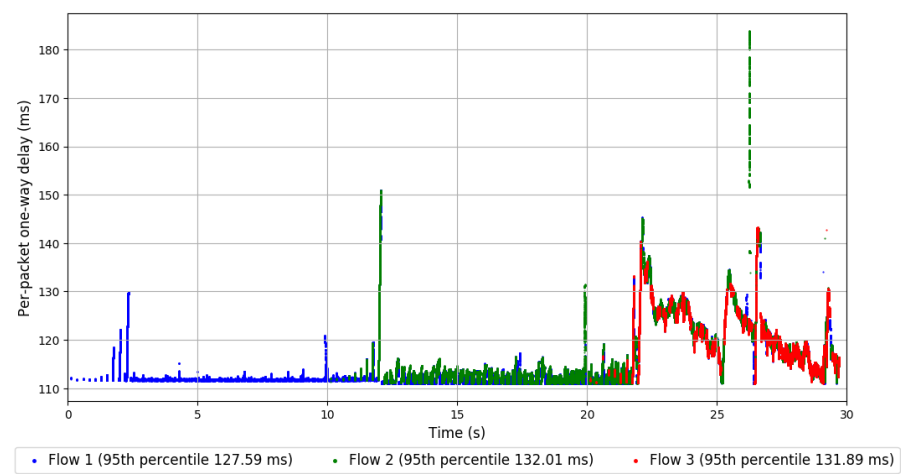
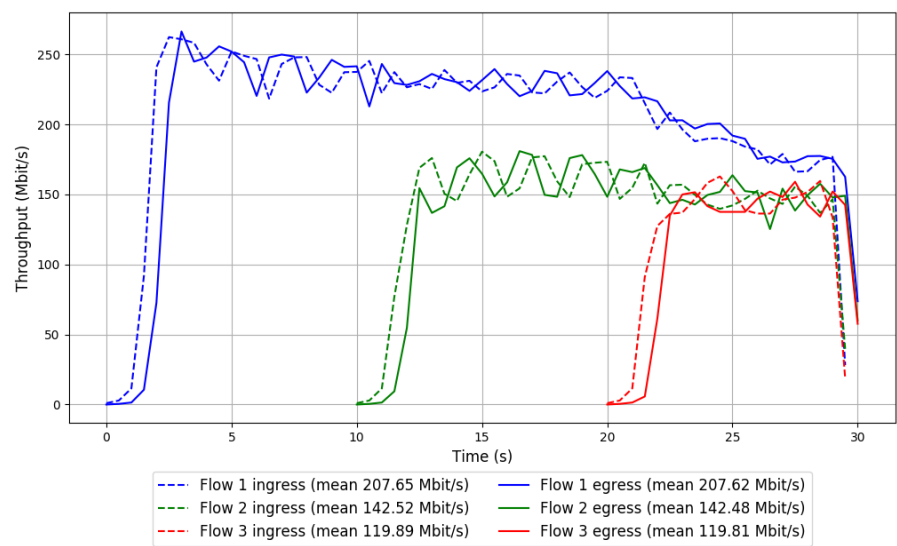


Run 9: Statistics of Indigo

Start at: 2018-07-03 18:25:37
End at: 2018-07-03 18:26:07
Local clock offset: -0.191 ms
Remote clock offset: -0.259 ms

```
# Below is generated by plot.py at 2018-07-03 20:51:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 340.70 Mbit/s
95th percentile per-packet one-way delay: 129.383 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 207.62 Mbit/s
95th percentile per-packet one-way delay: 127.593 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 142.48 Mbit/s
95th percentile per-packet one-way delay: 132.007 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 119.81 Mbit/s
95th percentile per-packet one-way delay: 131.893 ms
Loss rate: 0.06%
```

Run 9: Report of Indigo — Data Link

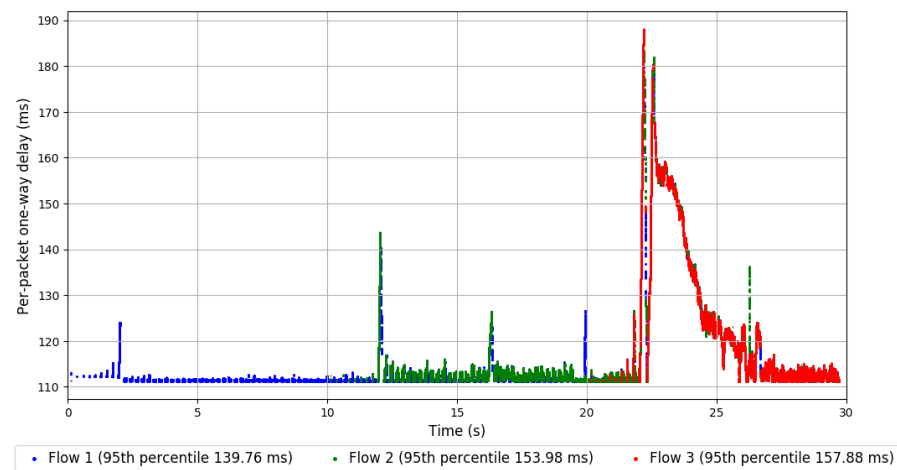
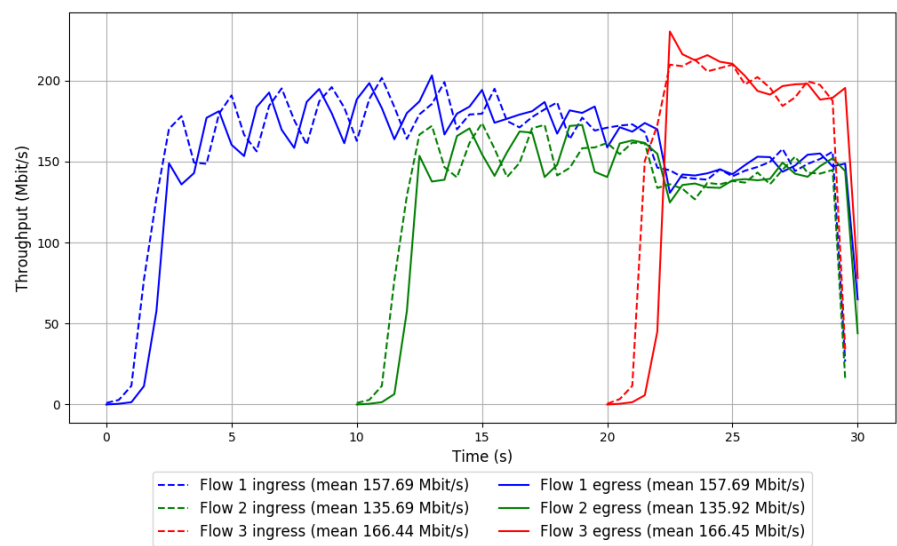


Run 10: Statistics of Indigo

Start at: 2018-07-03 18:52:37
End at: 2018-07-03 18:53:07
Local clock offset: -1.046 ms
Remote clock offset: -0.178 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 301.21 Mbit/s
95th percentile per-packet one-way delay: 154.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 157.69 Mbit/s
95th percentile per-packet one-way delay: 139.762 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 135.92 Mbit/s
95th percentile per-packet one-way delay: 153.977 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 166.45 Mbit/s
95th percentile per-packet one-way delay: 157.881 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

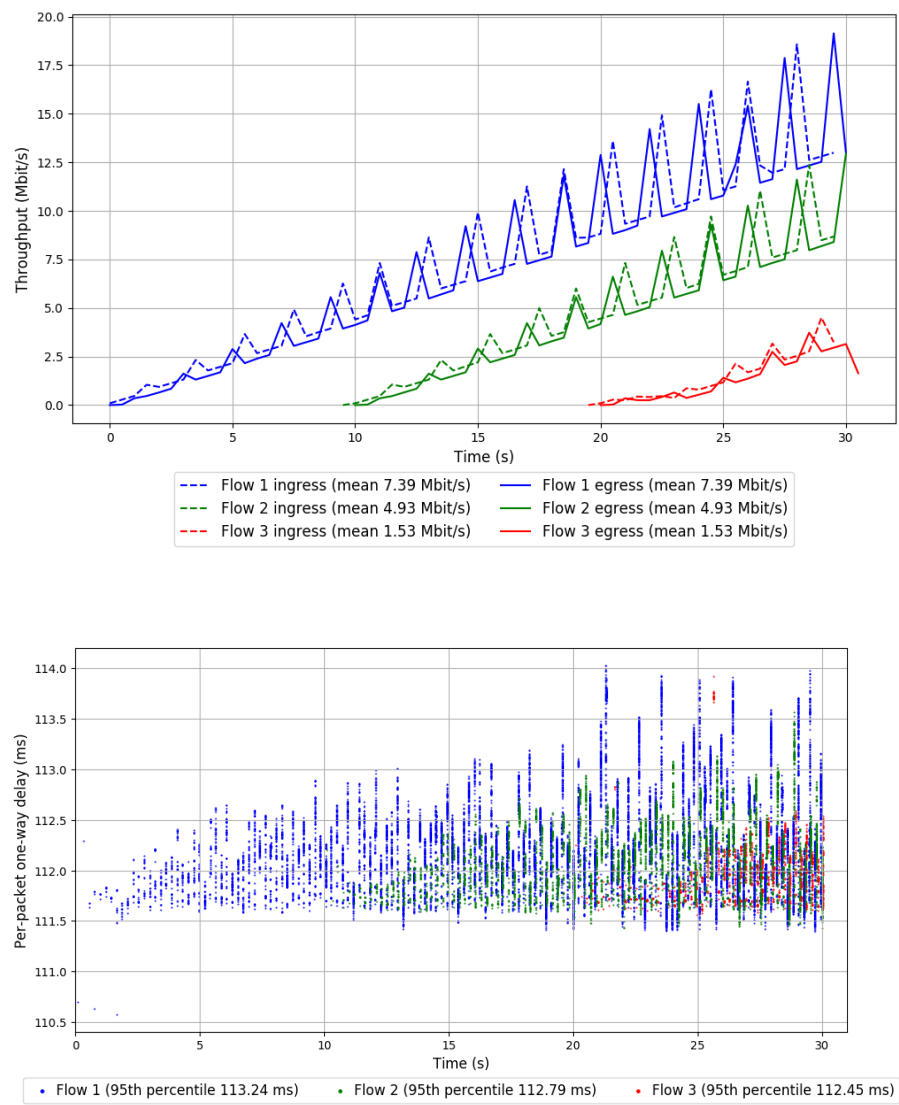


Run 1: Statistics of LEDBAT

Start at: 2018-07-03 14:57:06
End at: 2018-07-03 14:57:36
Local clock offset: -1.244 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.15 Mbit/s
95th percentile per-packet one-way delay: 113.114 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.39 Mbit/s
95th percentile per-packet one-way delay: 113.244 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.93 Mbit/s
95th percentile per-packet one-way delay: 112.786 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 112.453 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

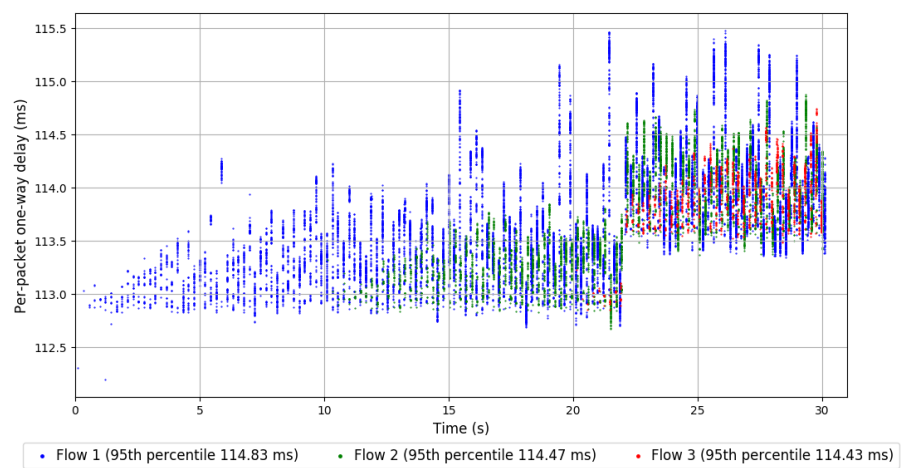
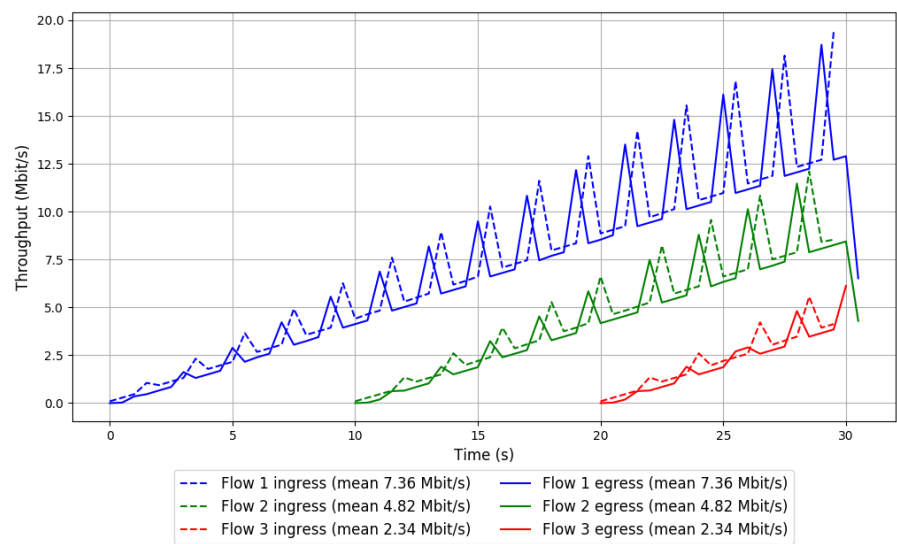


Run 2: Statistics of LEDBAT

Start at: 2018-07-03 15:23:07
End at: 2018-07-03 15:23:37
Local clock offset: -1.346 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.33 Mbit/s
95th percentile per-packet one-way delay: 114.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 114.834 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 114.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 114.433 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-07-03 15:49:17

End at: 2018-07-03 15:49:47

Local clock offset: 0.233 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-07-03 20:51:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 9.48 Mbit/s

95th percentile per-packet one-way delay: 111.768 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 5.92 Mbit/s

95th percentile per-packet one-way delay: 111.702 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.19 Mbit/s

95th percentile per-packet one-way delay: 111.907 ms

Loss rate: 0.00%

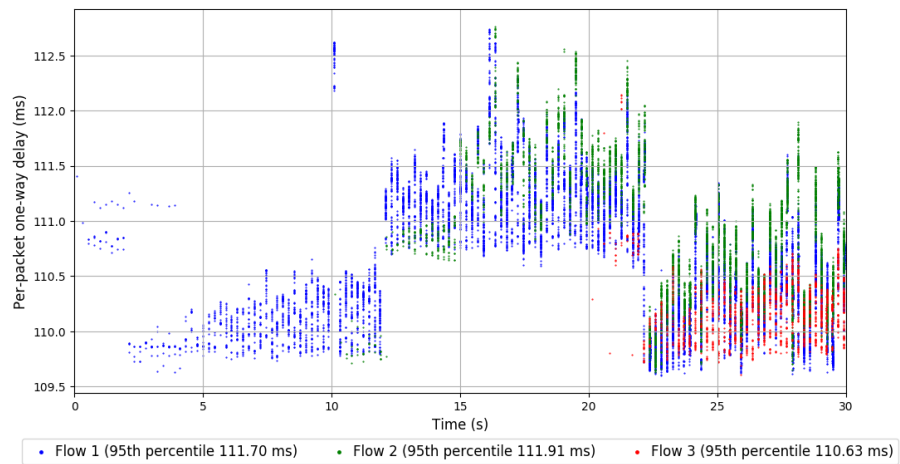
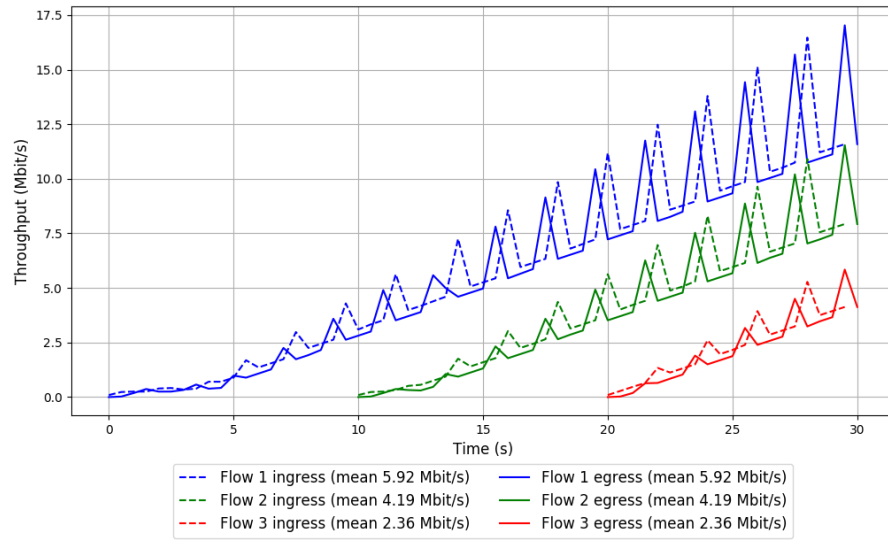
-- Flow 3:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 110.632 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

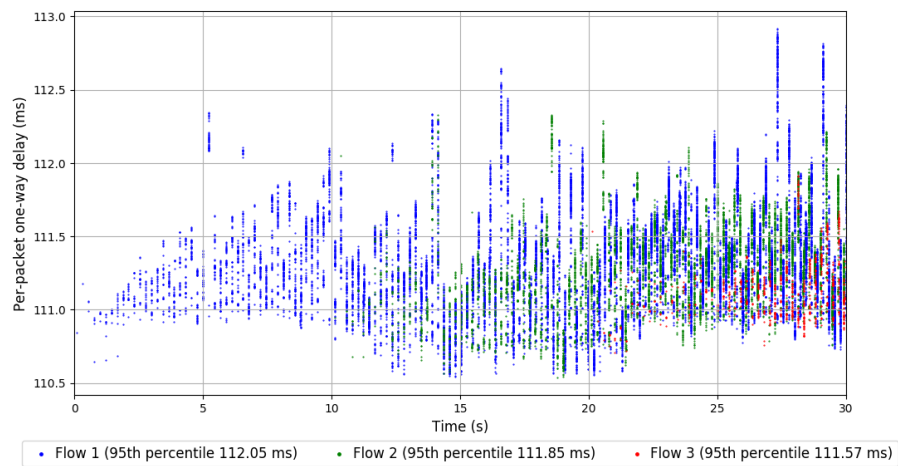
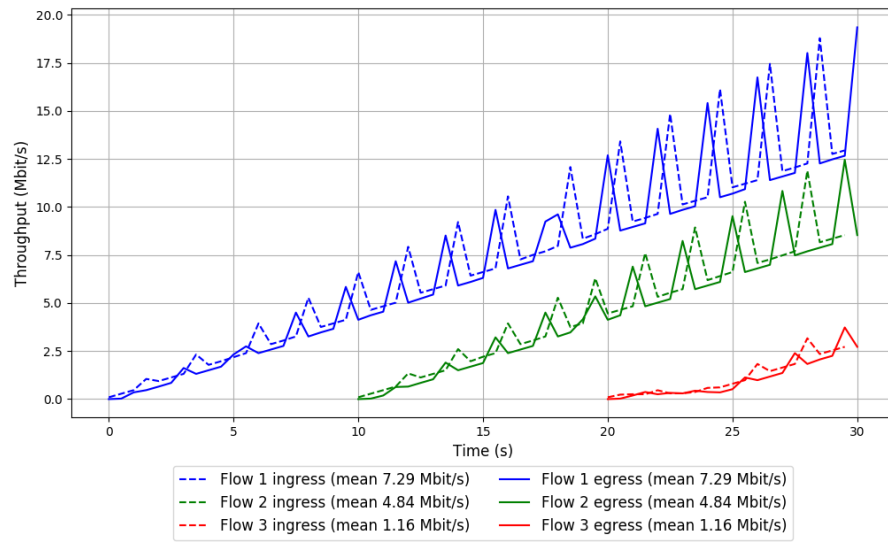


Run 4: Statistics of LEDBAT

Start at: 2018-07-03 16:15:38
End at: 2018-07-03 16:16:08
Local clock offset: 0.42 ms
Remote clock offset: -0.242 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.87 Mbit/s
95th percentile per-packet one-way delay: 111.969 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 112.045 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 111.854 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 111.573 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

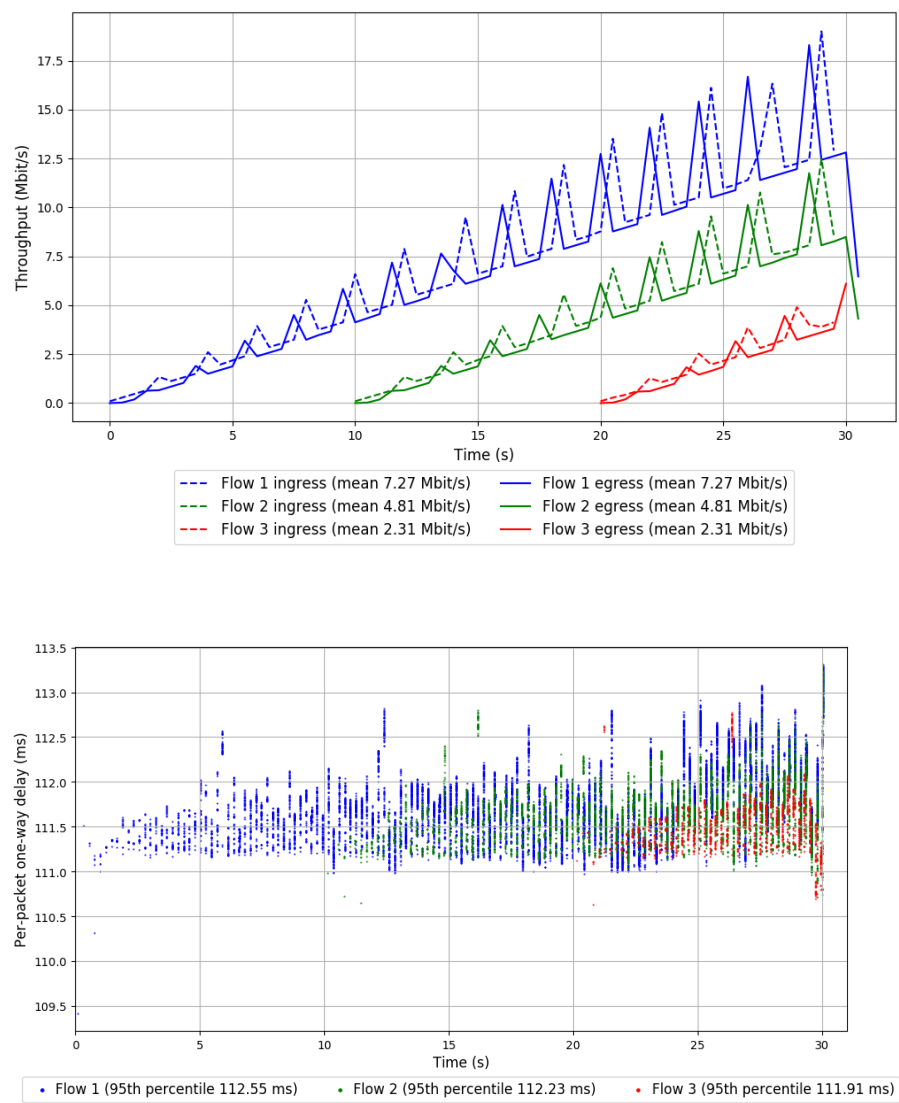


Run 5: Statistics of LEDBAT

Start at: 2018-07-03 16:41:30
End at: 2018-07-03 16:42:00
Local clock offset: -0.105 ms
Remote clock offset: -0.692 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.23 Mbit/s
95th percentile per-packet one-way delay: 112.486 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 112.552 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.81 Mbit/s
95th percentile per-packet one-way delay: 112.230 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 111.914 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

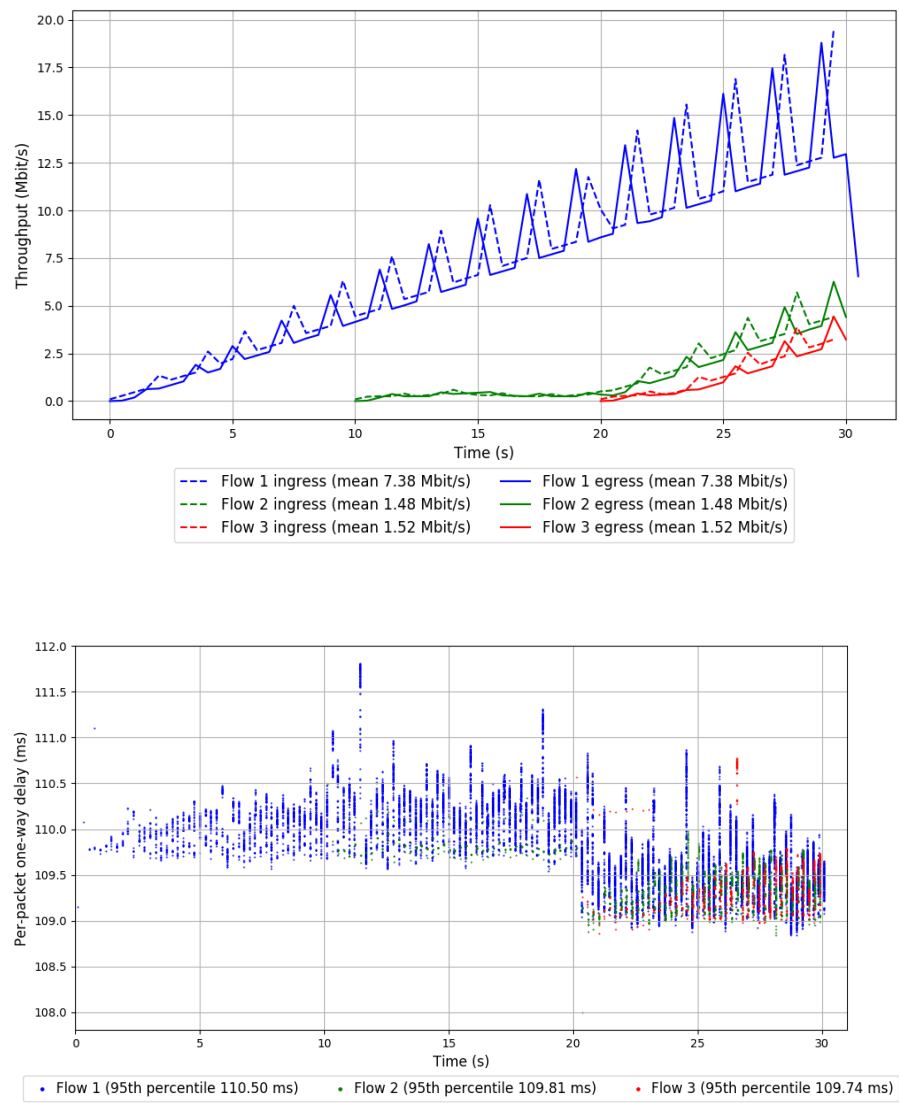


Run 6: Statistics of LEDBAT

Start at: 2018-07-03 17:07:39
End at: 2018-07-03 17:08:09
Local clock offset: 1.282 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.86 Mbit/s
95th percentile per-packet one-way delay: 110.480 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 110.504 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 109.811 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 109.736 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

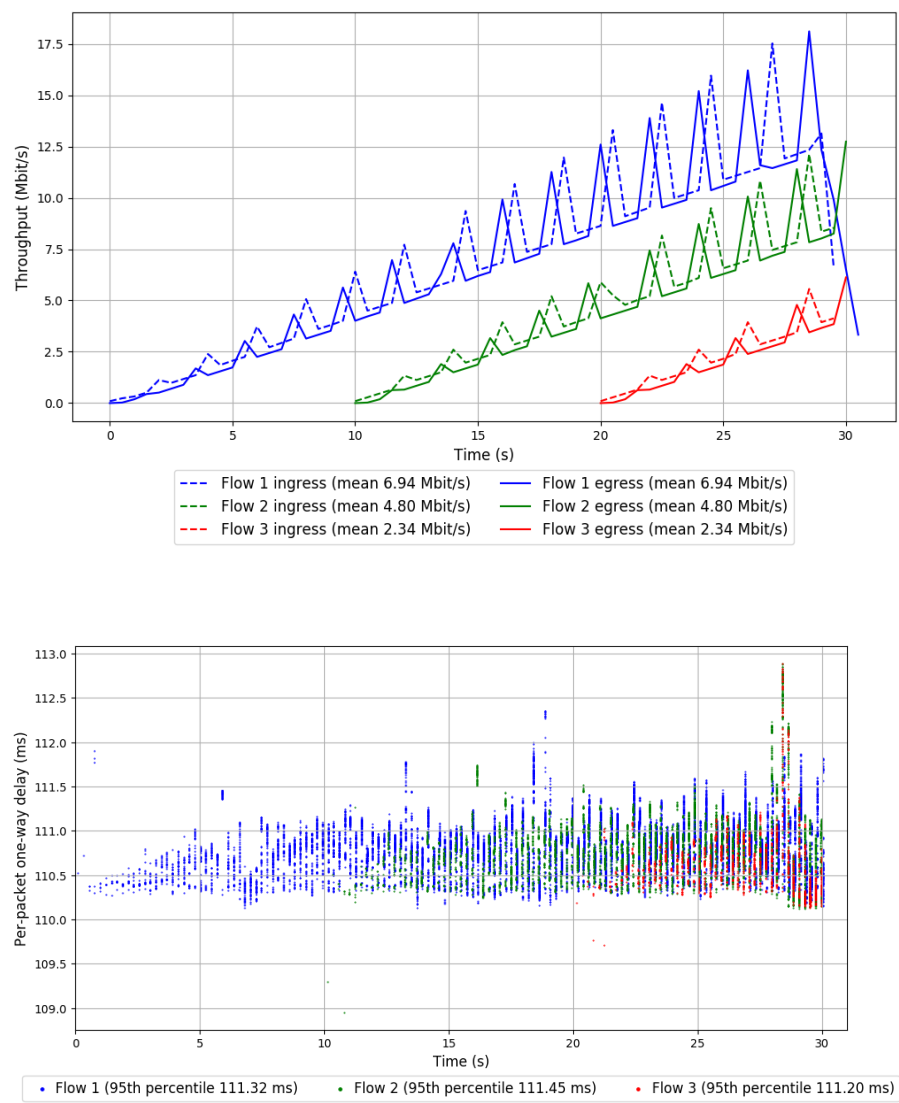


Run 7: Statistics of LEDBAT

Start at: 2018-07-03 17:33:36
End at: 2018-07-03 17:34:06
Local clock offset: 1.225 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.89 Mbit/s
95th percentile per-packet one-way delay: 111.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 111.322 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.80 Mbit/s
95th percentile per-packet one-way delay: 111.449 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 111.204 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-07-03 18:00:01

End at: 2018-07-03 18:00:31

Local clock offset: 0.12 ms

Remote clock offset: -0.24 ms

Below is generated by plot.py at 2018-07-03 20:51:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 9.26 Mbit/s

95th percentile per-packet one-way delay: 112.346 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 7.29 Mbit/s

95th percentile per-packet one-way delay: 112.391 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.82 Mbit/s

95th percentile per-packet one-way delay: 112.099 ms

Loss rate: 0.00%

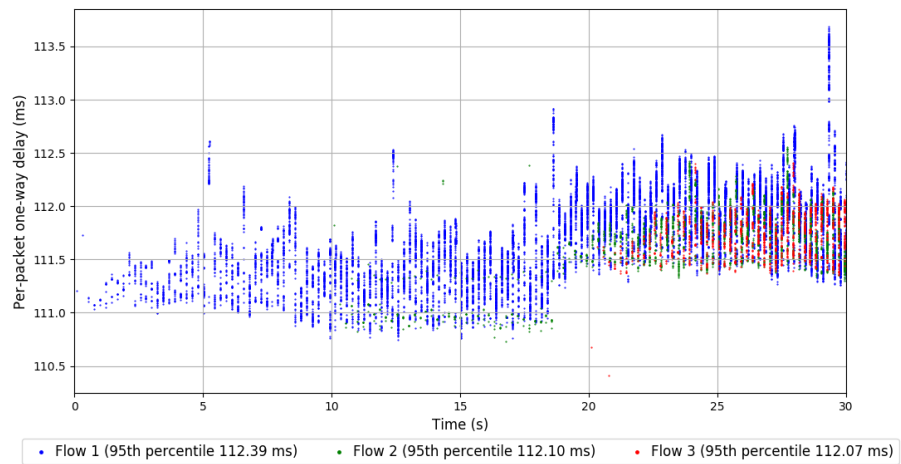
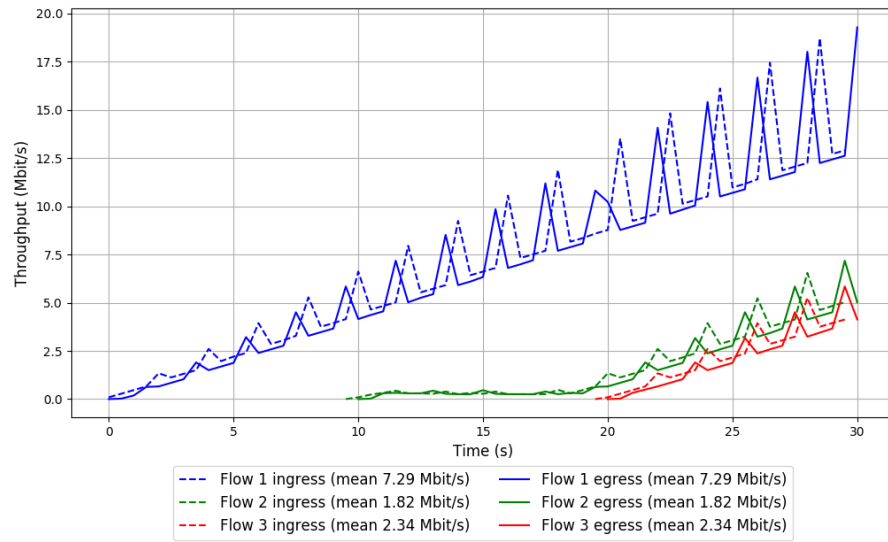
-- Flow 3:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 112.072 ms

Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

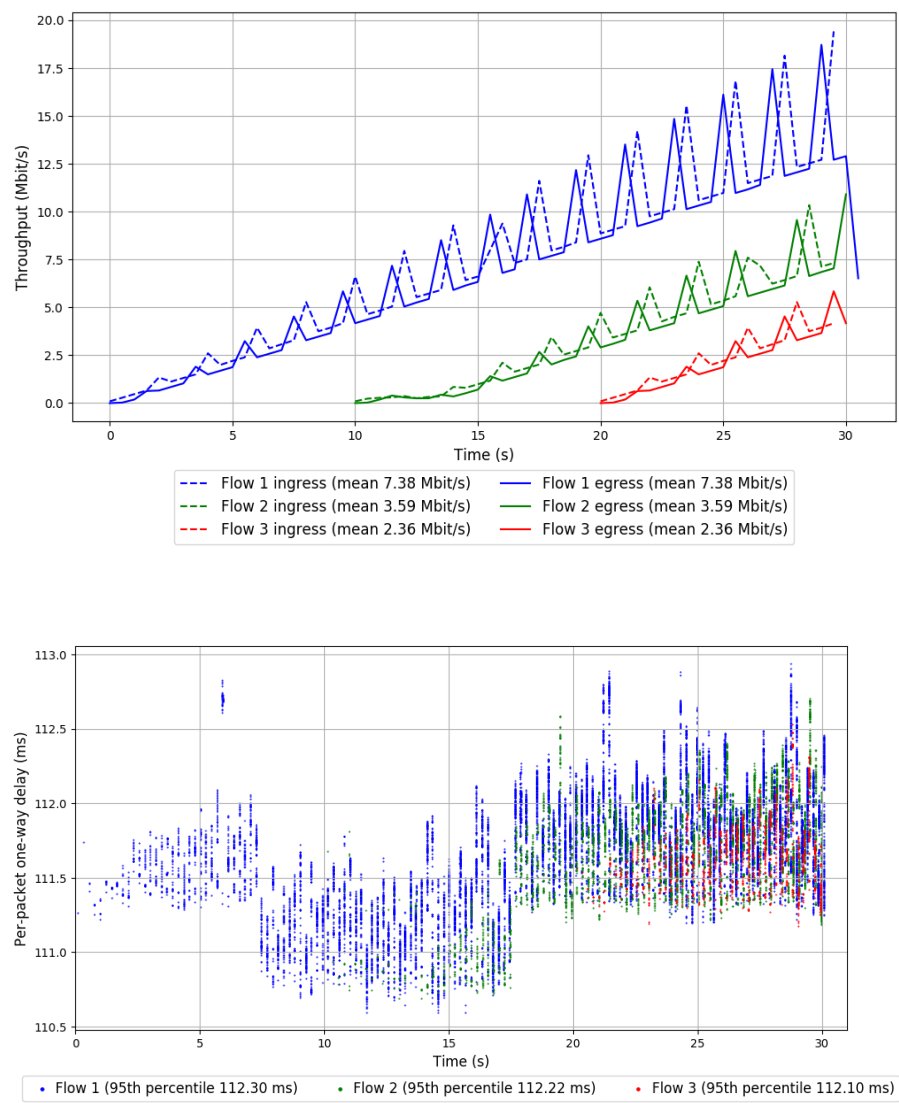


Run 9: Statistics of LEDBAT

Start at: 2018-07-03 18:27:22
End at: 2018-07-03 18:27:52
Local clock offset: 0.244 ms
Remote clock offset: -0.281 ms

```
# Below is generated by plot.py at 2018-07-03 20:51:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 112.267 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.38 Mbit/s
95th percentile per-packet one-way delay: 112.302 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 112.219 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 112.103 ms
Loss rate: 0.00%
```


Run 9: Report of LEDBAT — Data Link

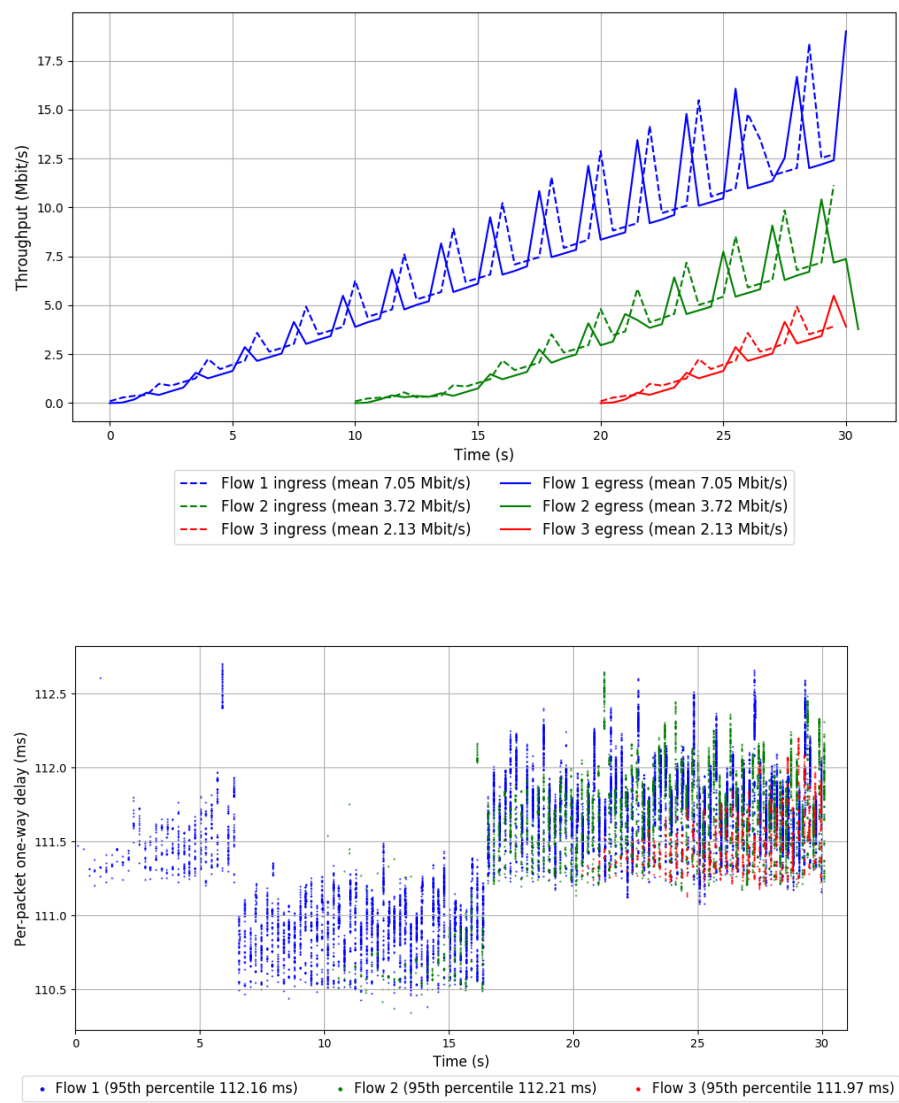


Run 10: Statistics of LEDBAT

Start at: 2018-07-03 18:54:13
End at: 2018-07-03 18:54:43
Local clock offset: -0.167 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.19 Mbit/s
95th percentile per-packet one-way delay: 112.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 112.164 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 112.210 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 111.972 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

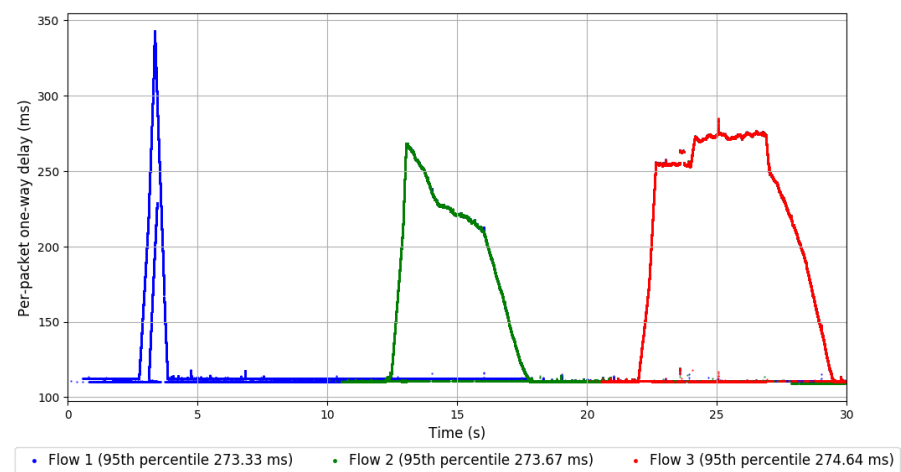
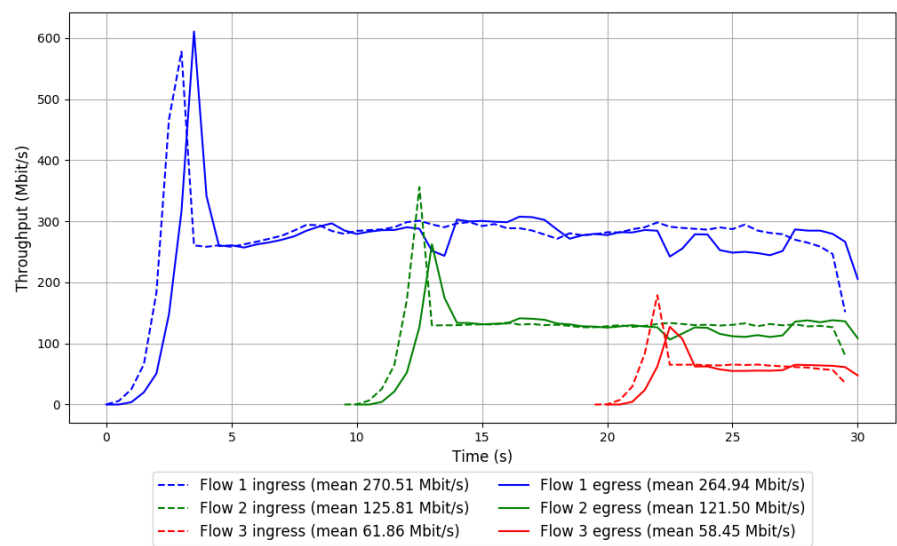


Run 1: Statistics of PCC-Allegro

Start at: 2018-07-03 14:49:31
End at: 2018-07-03 14:50:01
Local clock offset: -0.008 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2018-07-03 20:51:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 365.09 Mbit/s
95th percentile per-packet one-way delay: 273.633 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 264.94 Mbit/s
95th percentile per-packet one-way delay: 273.331 ms
Loss rate: 2.06%
-- Flow 2:
Average throughput: 121.50 Mbit/s
95th percentile per-packet one-way delay: 273.674 ms
Loss rate: 3.43%
-- Flow 3:
Average throughput: 58.45 Mbit/s
95th percentile per-packet one-way delay: 274.645 ms
Loss rate: 5.51%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-03 15:15:34

End at: 2018-07-03 15:16:04

Local clock offset: -0.171 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-07-03 20:51:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 363.26 Mbit/s

95th percentile per-packet one-way delay: 203.774 ms

Loss rate: 0.44%

-- Flow 1:

Average throughput: 307.84 Mbit/s

95th percentile per-packet one-way delay: 203.862 ms

Loss rate: 0.52%

-- Flow 2:

Average throughput: 66.89 Mbit/s

95th percentile per-packet one-way delay: 204.236 ms

Loss rate: 0.02%

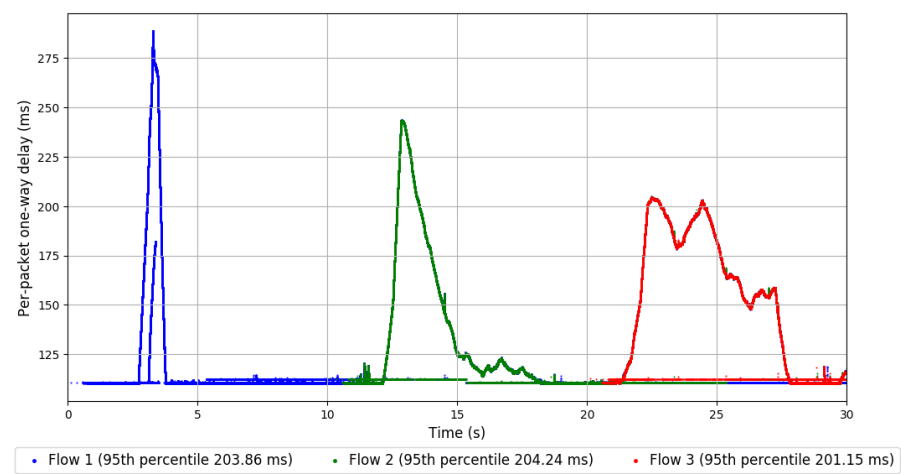
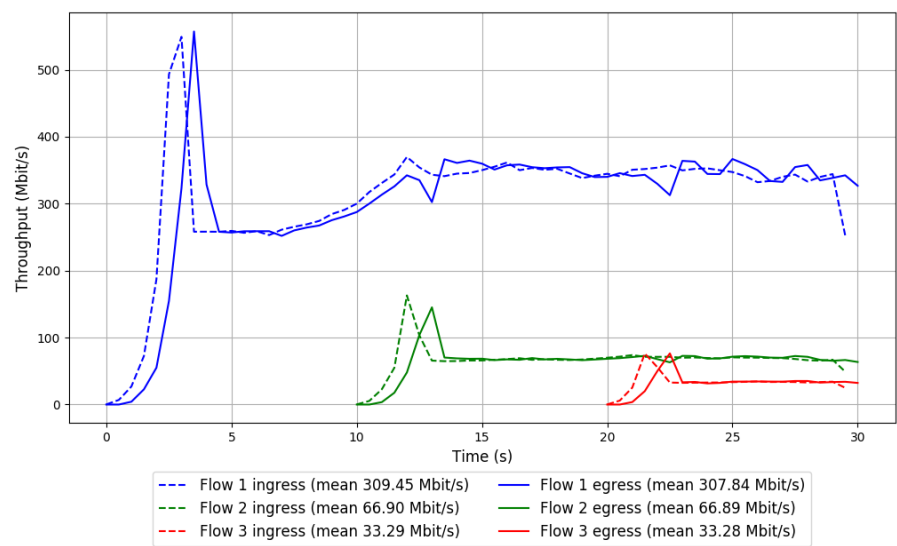
-- Flow 3:

Average throughput: 33.28 Mbit/s

95th percentile per-packet one-way delay: 201.145 ms

Loss rate: 0.04%

Run 2: Report of PCC-Allegro — Data Link

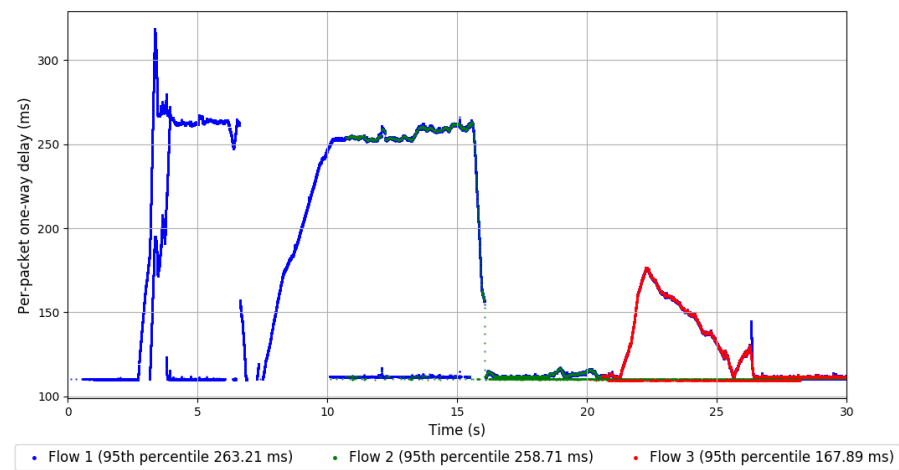
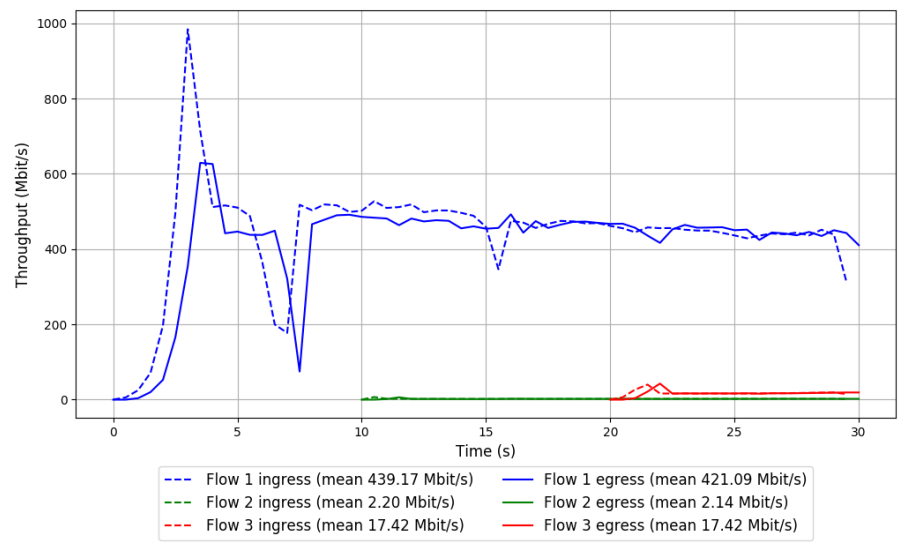


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-03 15:41:31
End at: 2018-07-03 15:42:01
Local clock offset: -0.175 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-07-03 20:52:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 428.25 Mbit/s
95th percentile per-packet one-way delay: 263.161 ms
Loss rate: 4.06%
-- Flow 1:
Average throughput: 421.09 Mbit/s
95th percentile per-packet one-way delay: 263.207 ms
Loss rate: 4.11%
-- Flow 2:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 258.714 ms
Loss rate: 2.56%
-- Flow 3:
Average throughput: 17.42 Mbit/s
95th percentile per-packet one-way delay: 167.889 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link

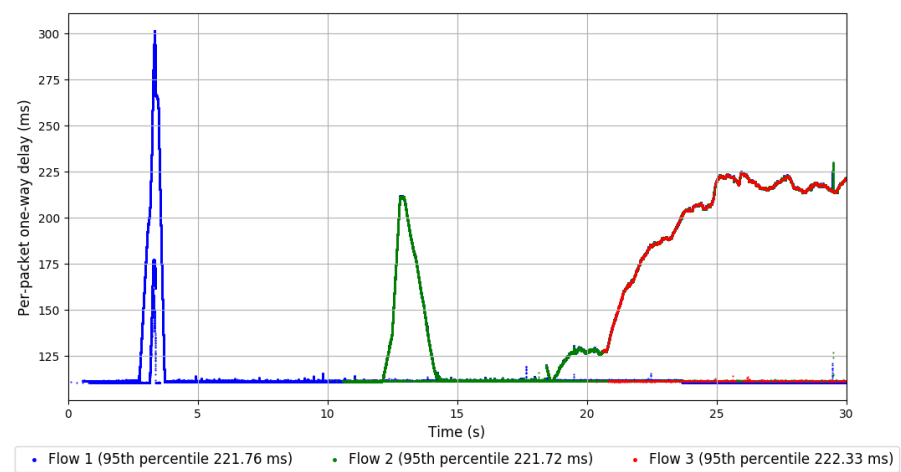
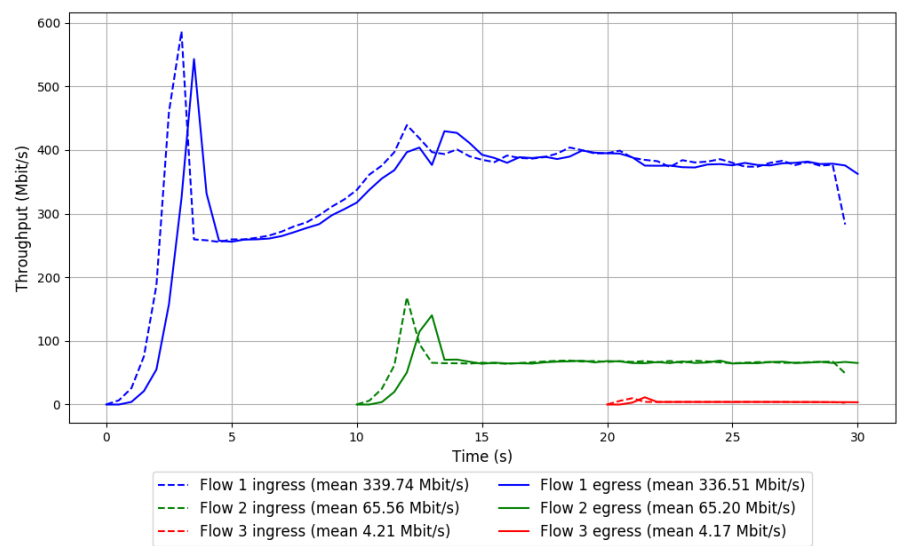


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-03 16:07:55
End at: 2018-07-03 16:08:25
Local clock offset: 0.004 ms
Remote clock offset: -0.185 ms

```
# Below is generated by plot.py at 2018-07-03 20:52:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 381.23 Mbit/s
95th percentile per-packet one-way delay: 221.761 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 336.51 Mbit/s
95th percentile per-packet one-way delay: 221.758 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 221.717 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 222.328 ms
Loss rate: 0.98%
```

Run 4: Report of PCC-Allegro — Data Link

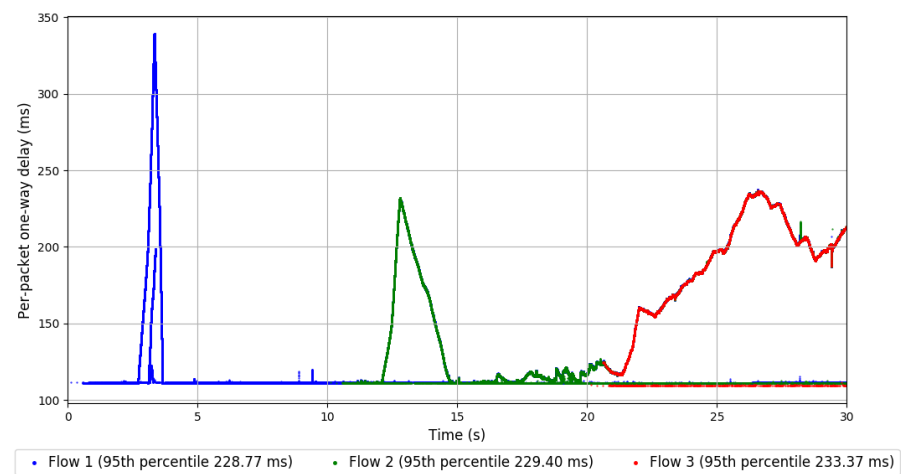
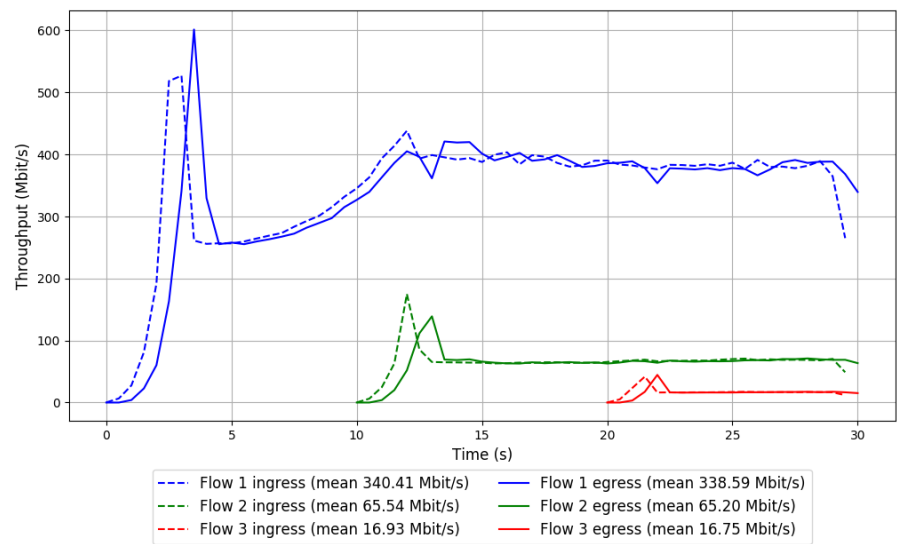


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-03 16:33:43
End at: 2018-07-03 16:34:13
Local clock offset: 0.003 ms
Remote clock offset: -0.259 ms

```
# Below is generated by plot.py at 2018-07-03 20:53:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 387.44 Mbit/s
95th percentile per-packet one-way delay: 228.907 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 338.59 Mbit/s
95th percentile per-packet one-way delay: 228.770 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 229.395 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 16.75 Mbit/s
95th percentile per-packet one-way delay: 233.367 ms
Loss rate: 1.00%
```

Run 5: Report of PCC-Allegro — Data Link

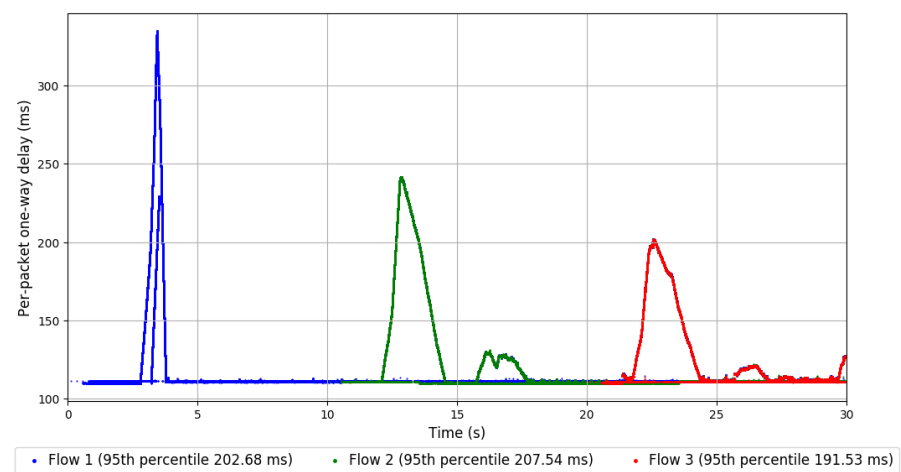
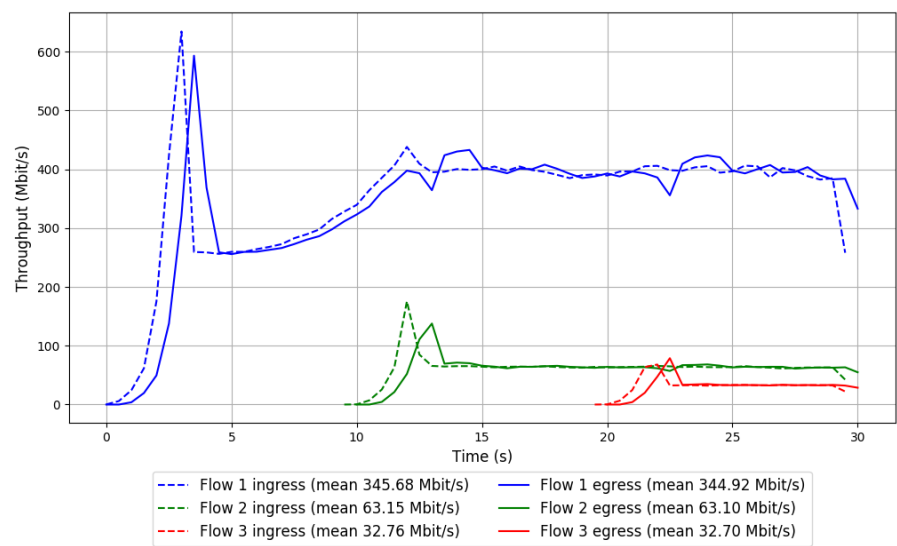


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-03 16:59:55
End at: 2018-07-03 17:00:25
Local clock offset: 0.084 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-03 20:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 397.70 Mbit/s
95th percentile per-packet one-way delay: 202.197 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 344.92 Mbit/s
95th percentile per-packet one-way delay: 202.676 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 63.10 Mbit/s
95th percentile per-packet one-way delay: 207.536 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 32.70 Mbit/s
95th percentile per-packet one-way delay: 191.535 ms
Loss rate: 0.14%

Run 6: Report of PCC-Allegro — Data Link

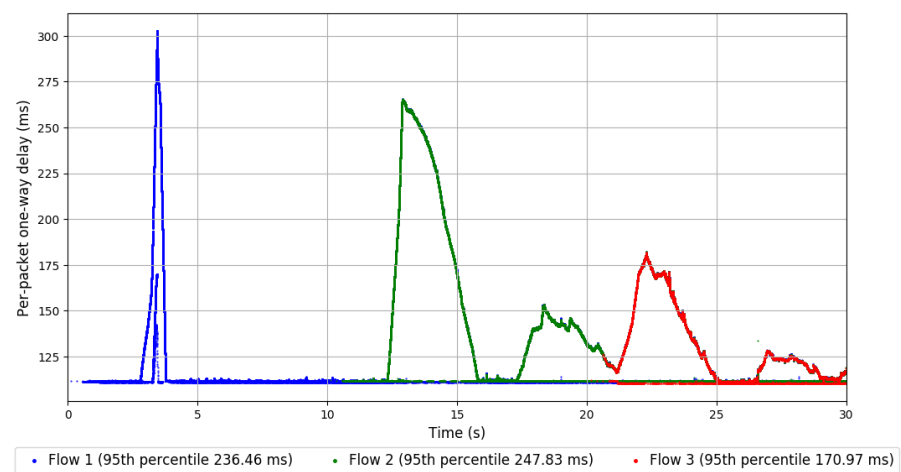
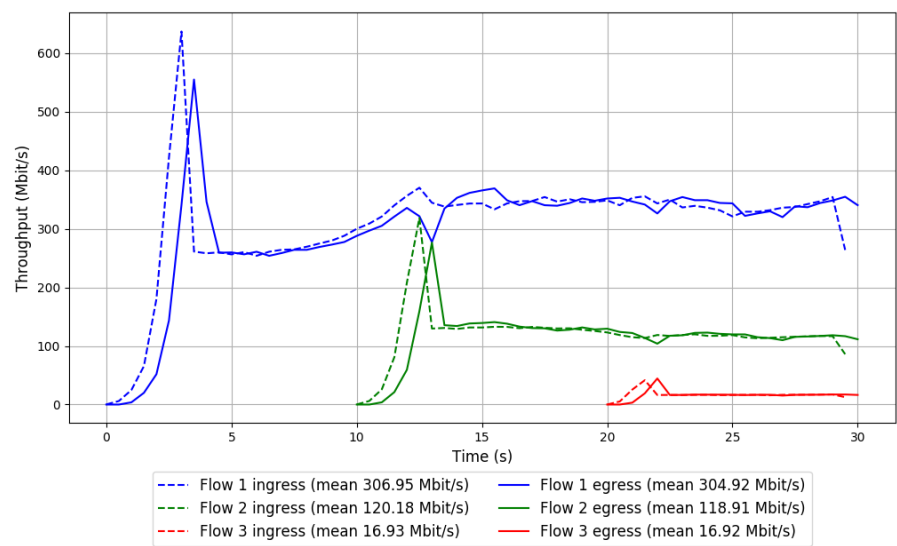


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-03 17:25:58
End at: 2018-07-03 17:26:28
Local clock offset: -0.2 ms
Remote clock offset: -0.127 ms

```
# Below is generated by plot.py at 2018-07-03 20:53:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 389.50 Mbit/s
95th percentile per-packet one-way delay: 239.652 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 304.92 Mbit/s
95th percentile per-packet one-way delay: 236.458 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 118.91 Mbit/s
95th percentile per-packet one-way delay: 247.827 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 16.92 Mbit/s
95th percentile per-packet one-way delay: 170.970 ms
Loss rate: 0.04%
```


Run 7: Report of PCC-Allegro — Data Link

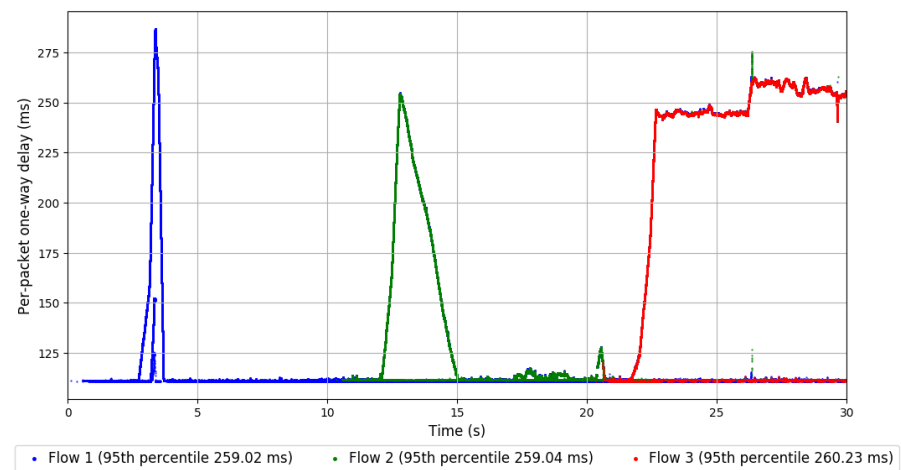
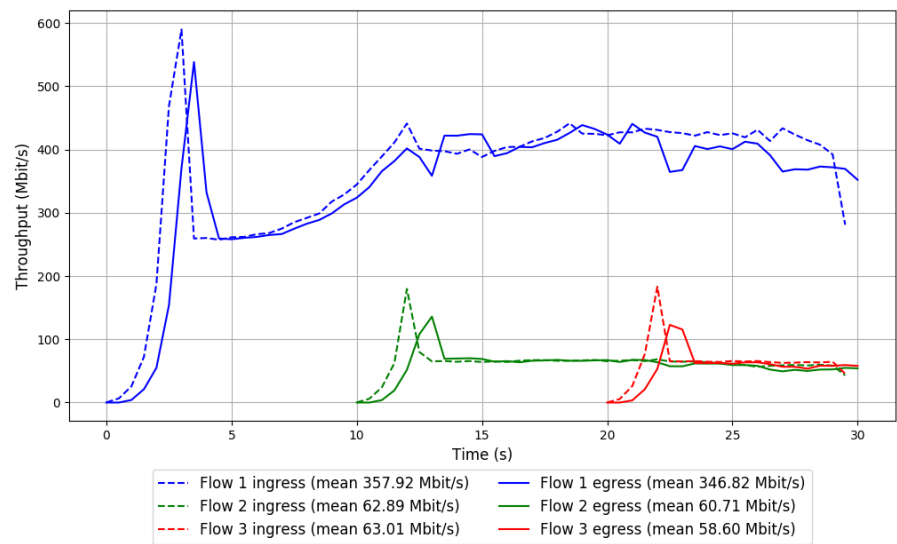


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-03 17:52:10
End at: 2018-07-03 17:52:40
Local clock offset: -0.091 ms
Remote clock offset: -0.191 ms

Below is generated by plot.py at 2018-07-03 20:56:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 406.48 Mbit/s
95th percentile per-packet one-way delay: 259.186 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 346.82 Mbit/s
95th percentile per-packet one-way delay: 259.021 ms
Loss rate: 3.10%
-- Flow 2:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 259.043 ms
Loss rate: 3.47%
-- Flow 3:
Average throughput: 58.60 Mbit/s
95th percentile per-packet one-way delay: 260.228 ms
Loss rate: 6.99%

Run 8: Report of PCC-Allegro — Data Link

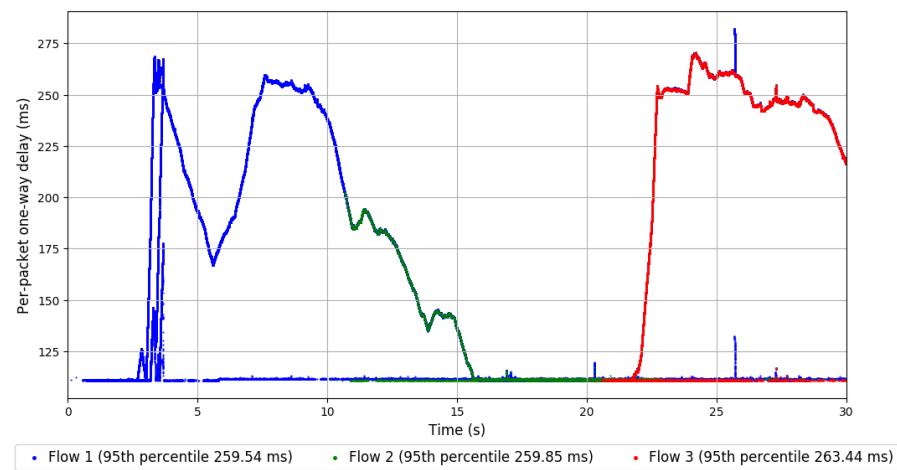
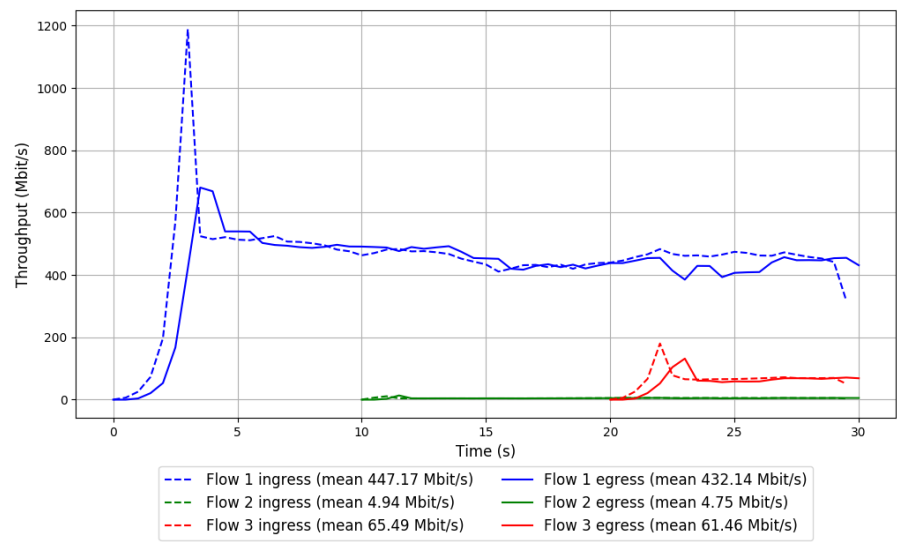


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-03 18:19:23
End at: 2018-07-03 18:19:53
Local clock offset: 0.026 ms
Remote clock offset: -0.284 ms

Below is generated by plot.py at 2018-07-03 20:57:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 455.52 Mbit/s
95th percentile per-packet one-way delay: 259.793 ms
Loss rate: 3.49%
-- Flow 1:
Average throughput: 432.14 Mbit/s
95th percentile per-packet one-way delay: 259.544 ms
Loss rate: 3.36%
-- Flow 2:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 259.845 ms
Loss rate: 3.79%
-- Flow 3:
Average throughput: 61.46 Mbit/s
95th percentile per-packet one-way delay: 263.438 ms
Loss rate: 6.14%

Run 9: Report of PCC-Allegro — Data Link

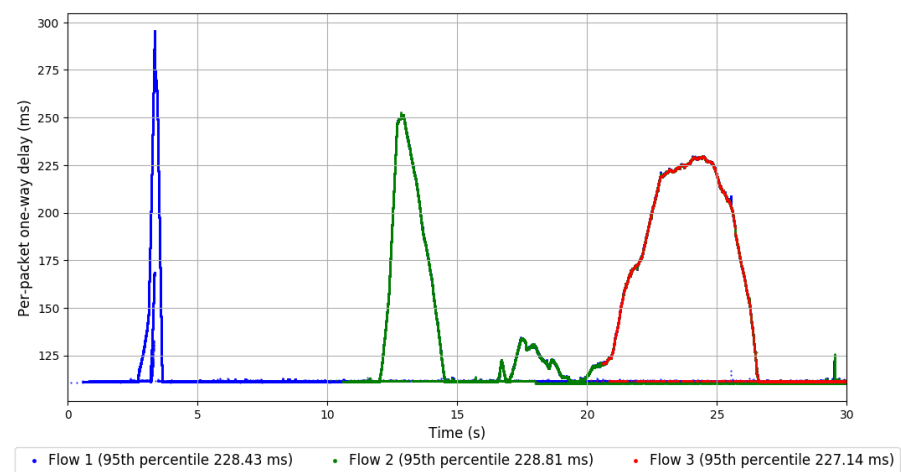
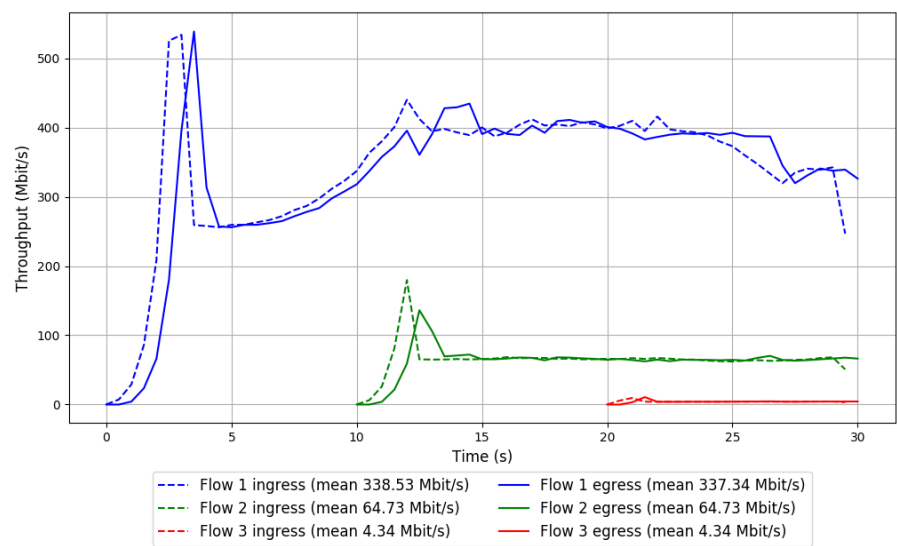


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-03 18:46:18
End at: 2018-07-03 18:46:48
Local clock offset: -0.107 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-07-03 20:57:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 381.80 Mbit/s
95th percentile per-packet one-way delay: 228.470 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 337.34 Mbit/s
95th percentile per-packet one-way delay: 228.431 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 64.73 Mbit/s
95th percentile per-packet one-way delay: 228.813 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 227.139 ms
Loss rate: 0.00%

Run 10: Report of PCC-Allegro — Data Link

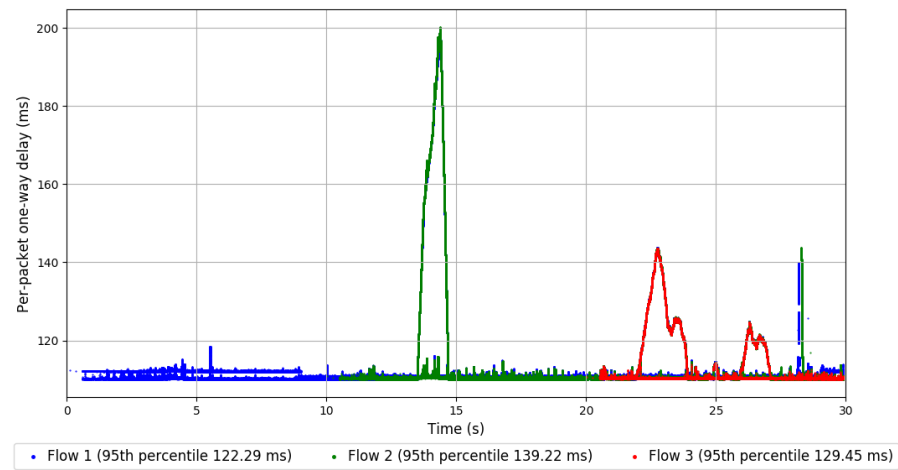
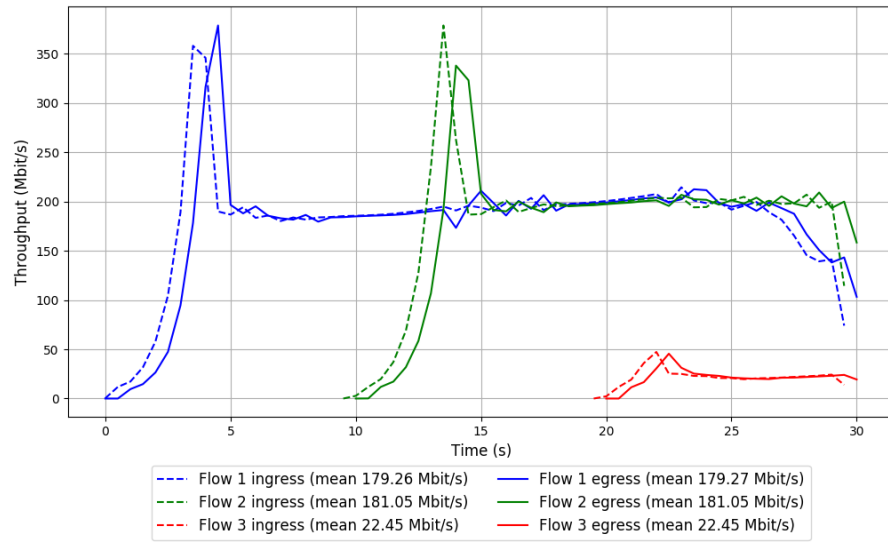


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-03 14:53:50
End at: 2018-07-03 14:54:20
Local clock offset: 0.089 ms
Remote clock offset: -0.107 ms

# Below is generated by plot.py at 2018-07-03 21:01:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 307.54 Mbit/s
95th percentile per-packet one-way delay: 126.232 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 179.27 Mbit/s
95th percentile per-packet one-way delay: 122.293 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 181.05 Mbit/s
95th percentile per-packet one-way delay: 139.219 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: 129.446 ms
Loss rate: 0.00%
```


Run 1: Report of PCC-Expr — Data Link

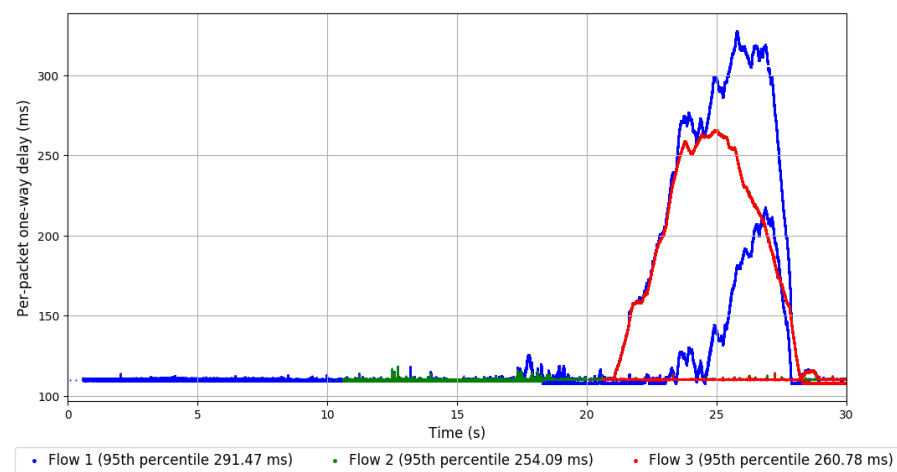
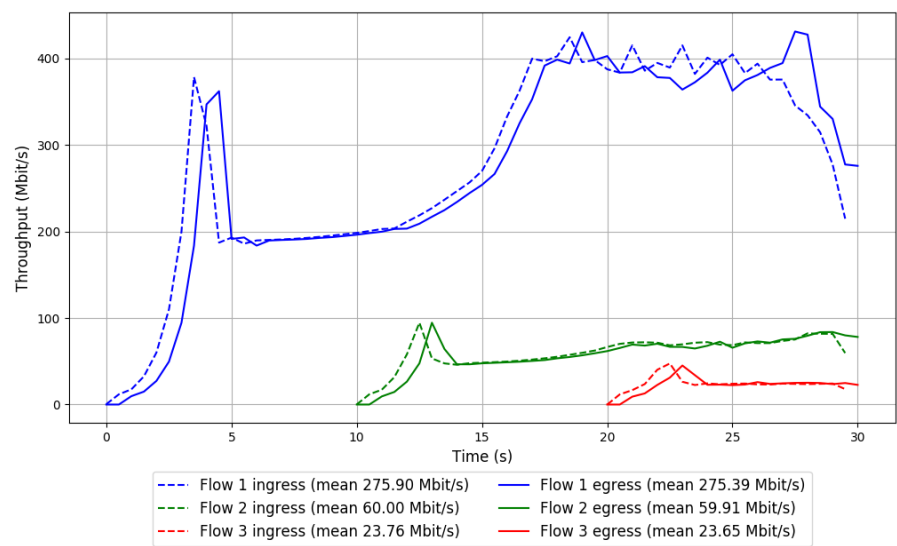


Run 2: Statistics of PCC-Expr

Start at: 2018-07-03 15:19:51
End at: 2018-07-03 15:20:21
Local clock offset: 1.212 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2018-07-03 21:02:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 323.04 Mbit/s
95th percentile per-packet one-way delay: 278.661 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 275.39 Mbit/s
95th percentile per-packet one-way delay: 291.470 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 59.91 Mbit/s
95th percentile per-packet one-way delay: 254.088 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 23.65 Mbit/s
95th percentile per-packet one-way delay: 260.777 ms
Loss rate: 0.45%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-07-03 15:45:53

End at: 2018-07-03 15:46:23

Local clock offset: 1.239 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2018-07-03 21:05:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 412.27 Mbit/s

95th percentile per-packet one-way delay: 255.693 ms

Loss rate: 3.76%

-- Flow 1:

Average throughput: 317.51 Mbit/s

95th percentile per-packet one-way delay: 256.095 ms

Loss rate: 3.83%

-- Flow 2:

Average throughput: 140.24 Mbit/s

95th percentile per-packet one-way delay: 255.064 ms

Loss rate: 3.47%

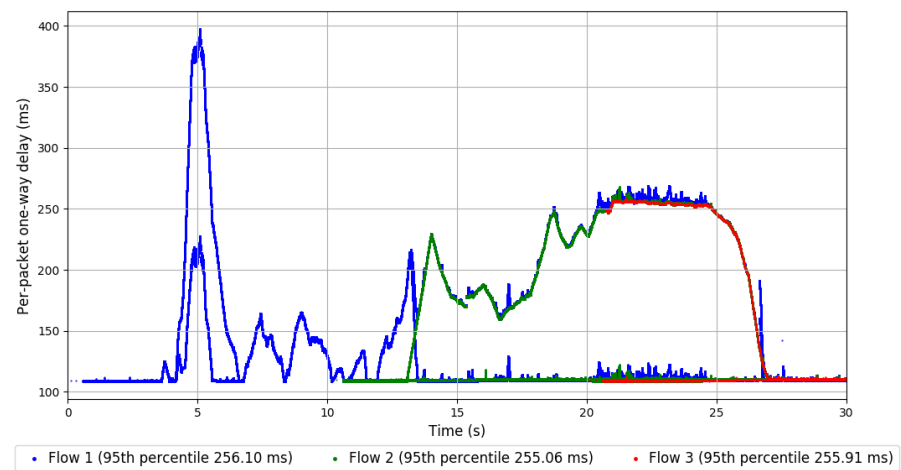
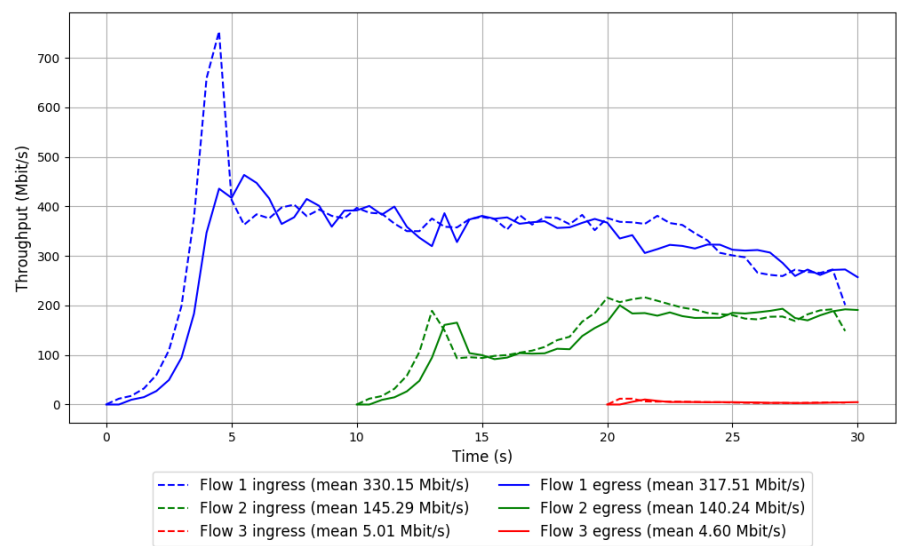
-- Flow 3:

Average throughput: 4.60 Mbit/s

95th percentile per-packet one-way delay: 255.909 ms

Loss rate: 8.14%

Run 3: Report of PCC-Expr — Data Link

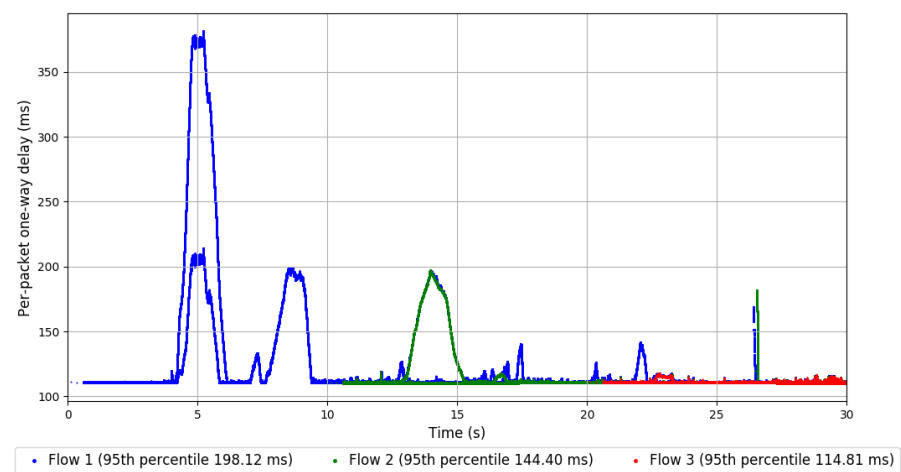
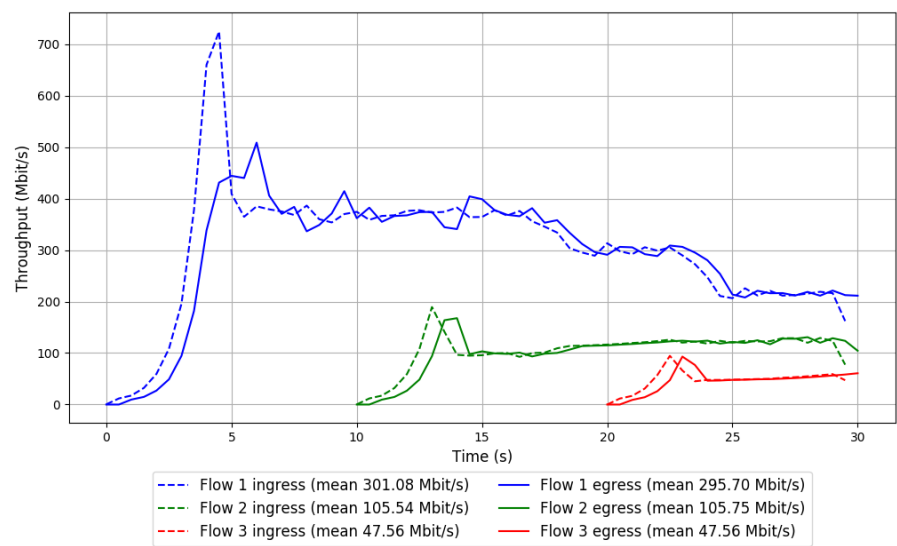


Run 4: Statistics of PCC-Expr

Start at: 2018-07-03 16:12:12
End at: 2018-07-03 16:12:42
Local clock offset: -0.07 ms
Remote clock offset: -0.603 ms

Below is generated by plot.py at 2018-07-03 21:05:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 381.64 Mbit/s
95th percentile per-packet one-way delay: 194.571 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 295.70 Mbit/s
95th percentile per-packet one-way delay: 198.124 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 105.75 Mbit/s
95th percentile per-packet one-way delay: 144.404 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.56 Mbit/s
95th percentile per-packet one-way delay: 114.809 ms
Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link

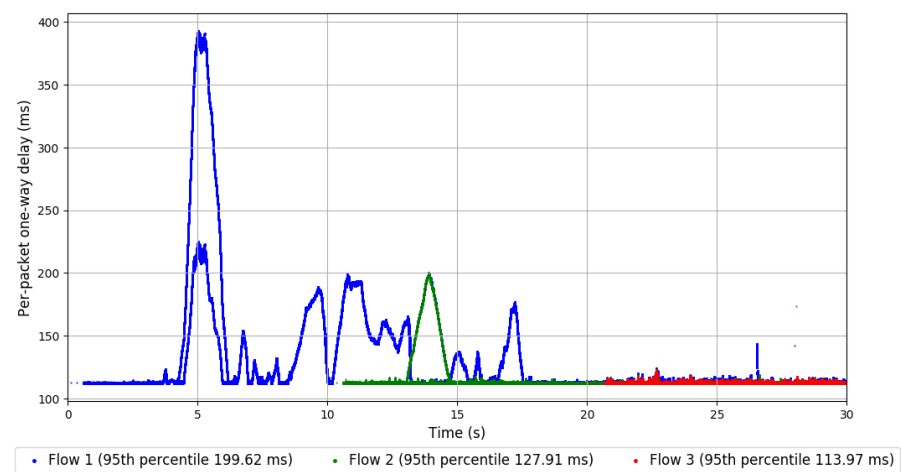
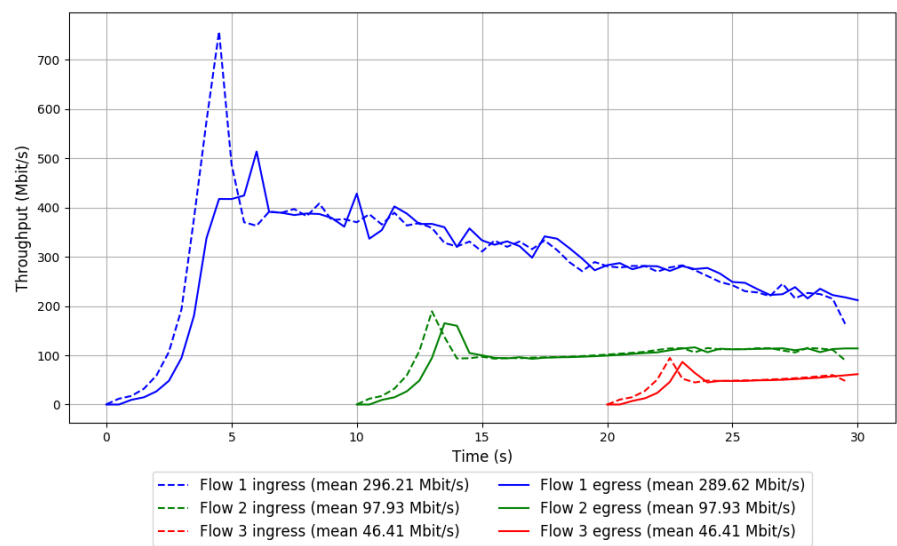


Run 5: Statistics of PCC-Expr

Start at: 2018-07-03 16:38:01
End at: 2018-07-03 16:38:31
Local clock offset: -1.402 ms
Remote clock offset: -0.239 ms

Below is generated by plot.py at 2018-07-03 21:05:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 370.07 Mbit/s
95th percentile per-packet one-way delay: 192.744 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 289.62 Mbit/s
95th percentile per-packet one-way delay: 199.616 ms
Loss rate: 2.22%
-- Flow 2:
Average throughput: 97.93 Mbit/s
95th percentile per-packet one-way delay: 127.912 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.41 Mbit/s
95th percentile per-packet one-way delay: 113.972 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

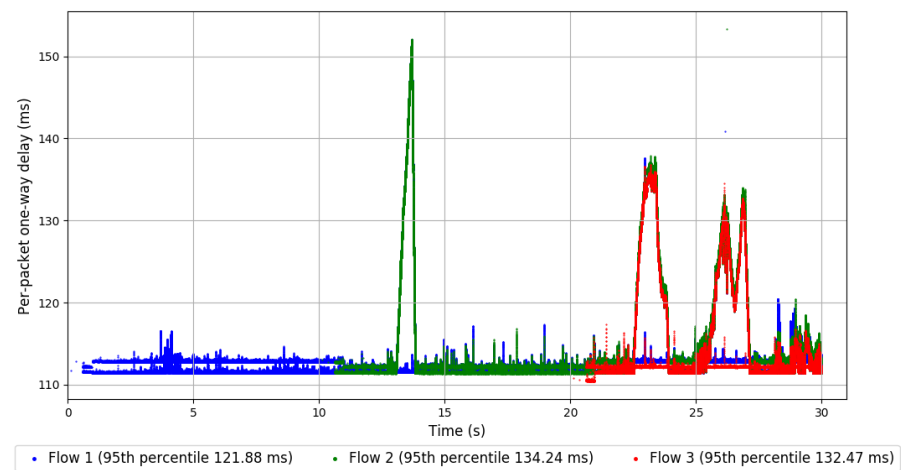
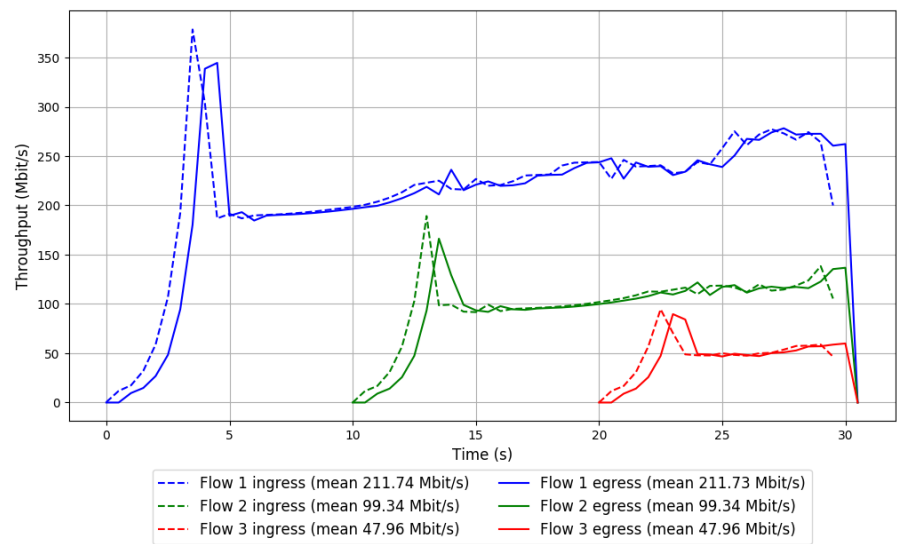


Run 6: Statistics of PCC-Expr

Start at: 2018-07-03 17:04:18
End at: 2018-07-03 17:04:48
Local clock offset: -1.282 ms
Remote clock offset: -0.166 ms

Below is generated by plot.py at 2018-07-03 21:05:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 293.61 Mbit/s
95th percentile per-packet one-way delay: 127.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.73 Mbit/s
95th percentile per-packet one-way delay: 121.877 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 99.34 Mbit/s
95th percentile per-packet one-way delay: 134.244 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.96 Mbit/s
95th percentile per-packet one-way delay: 132.466 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link

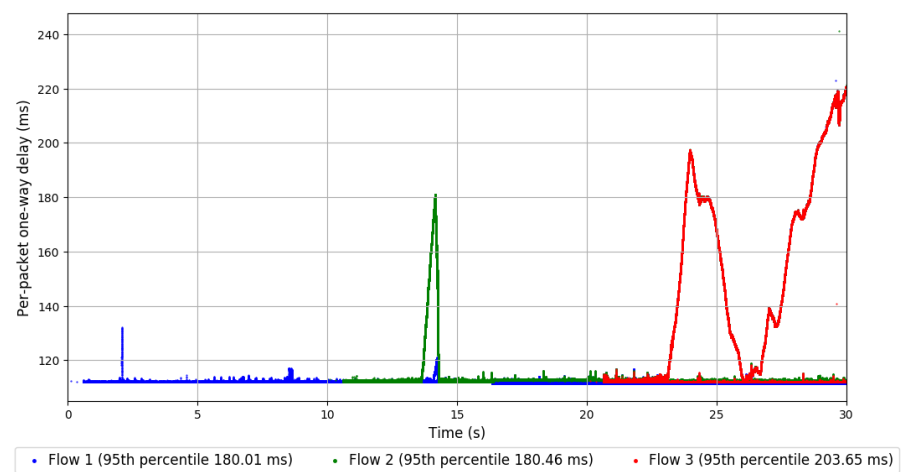
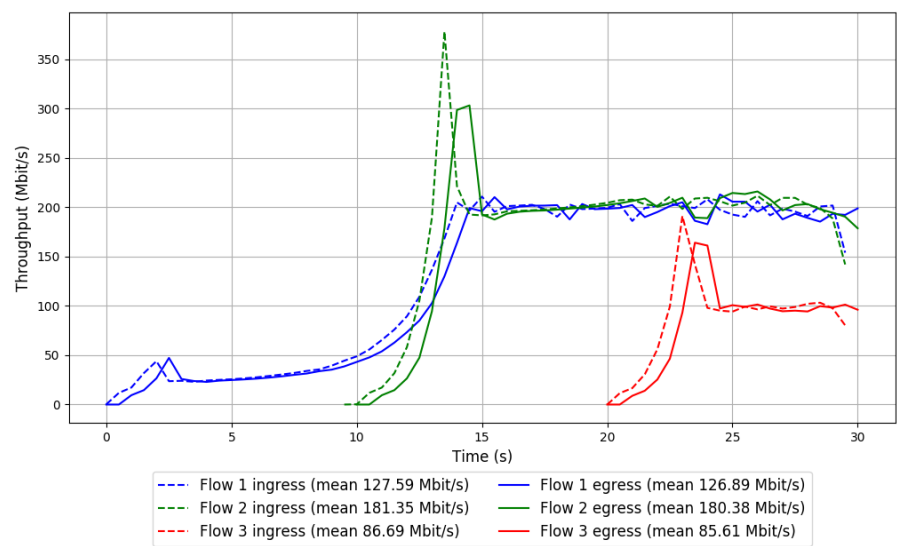


Run 7: Statistics of PCC-Expr

Start at: 2018-07-03 17:30:23
End at: 2018-07-03 17:30:53
Local clock offset: -1.302 ms
Remote clock offset: -0.177 ms

Below is generated by plot.py at 2018-07-03 21:05:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 275.18 Mbit/s
95th percentile per-packet one-way delay: 184.470 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 126.89 Mbit/s
95th percentile per-packet one-way delay: 180.014 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 180.38 Mbit/s
95th percentile per-packet one-way delay: 180.457 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 85.61 Mbit/s
95th percentile per-packet one-way delay: 203.646 ms
Loss rate: 1.23%

Run 7: Report of PCC-Expr — Data Link

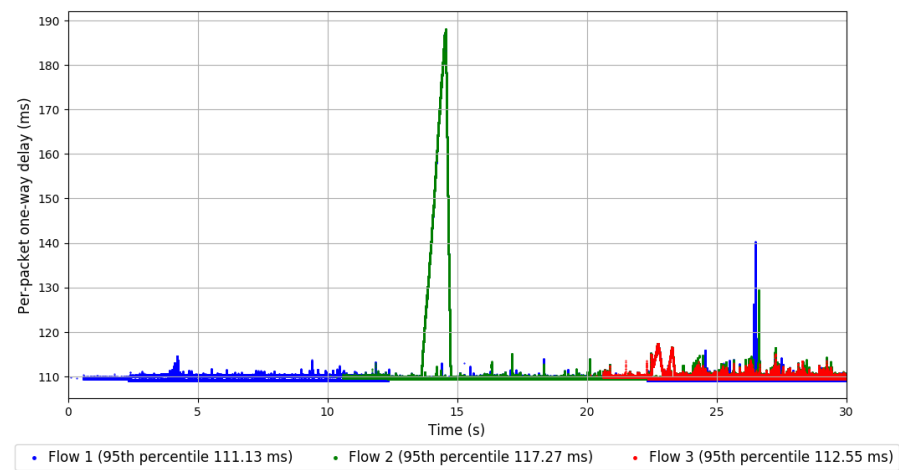
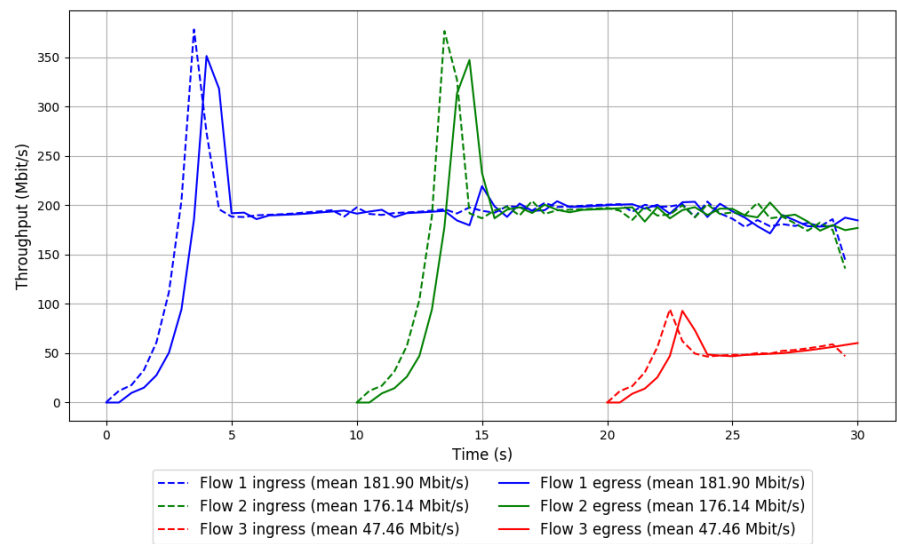


Run 8: Statistics of PCC-Expr

Start at: 2018-07-03 17:56:37
End at: 2018-07-03 17:57:07
Local clock offset: 1.337 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2018-07-03 21:07:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 314.70 Mbit/s
95th percentile per-packet one-way delay: 112.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 181.90 Mbit/s
95th percentile per-packet one-way delay: 111.128 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 176.14 Mbit/s
95th percentile per-packet one-way delay: 117.267 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.46 Mbit/s
95th percentile per-packet one-way delay: 112.548 ms
Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link

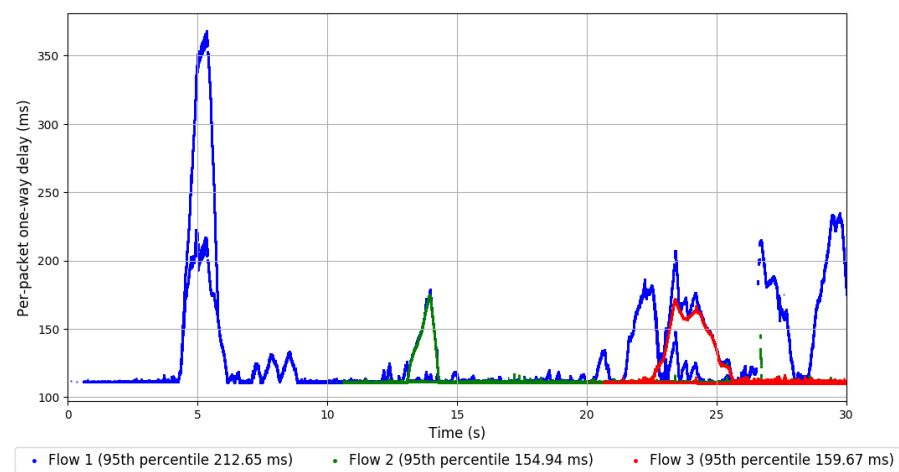
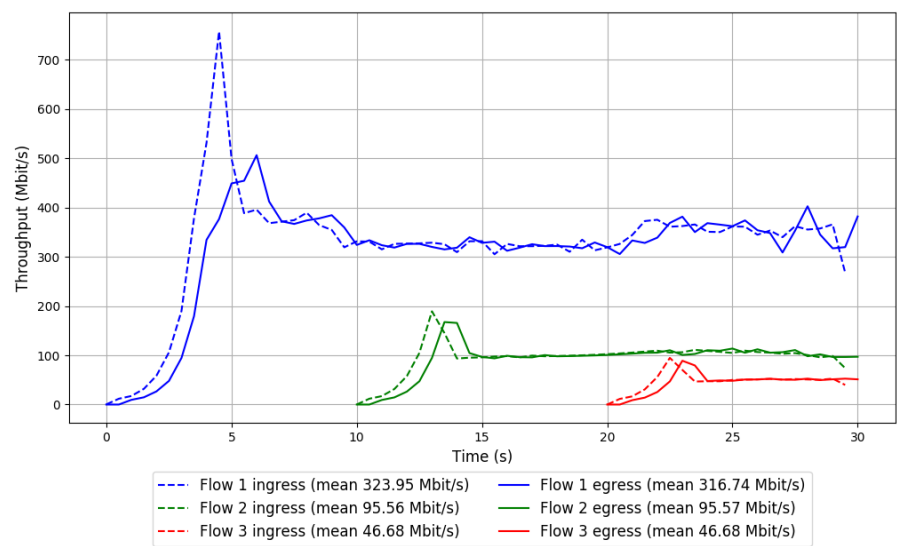


Run 9: Statistics of PCC-Expr

Start at: 2018-07-03 18:23:45
End at: 2018-07-03 18:24:15
Local clock offset: 0.098 ms
Remote clock offset: -0.257 ms

Below is generated by plot.py at 2018-07-03 21:13:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 395.69 Mbit/s
95th percentile per-packet one-way delay: 206.351 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 316.74 Mbit/s
95th percentile per-packet one-way delay: 212.654 ms
Loss rate: 2.22%
-- Flow 2:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 154.935 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.68 Mbit/s
95th percentile per-packet one-way delay: 159.672 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

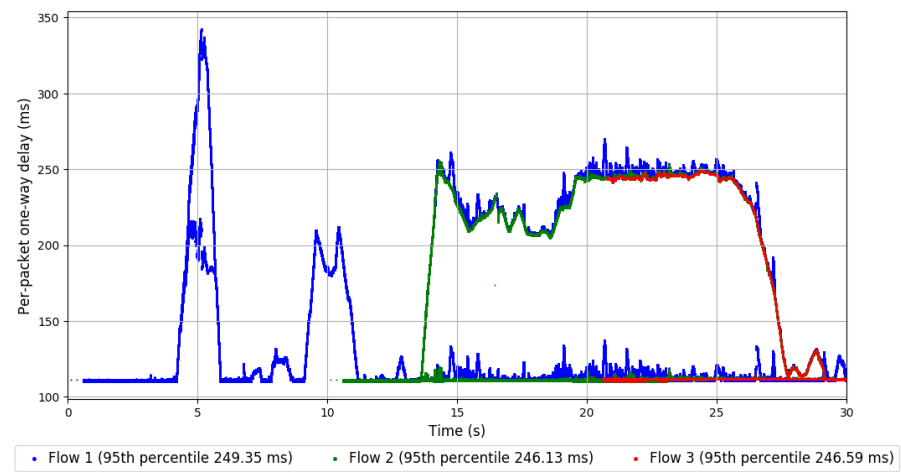
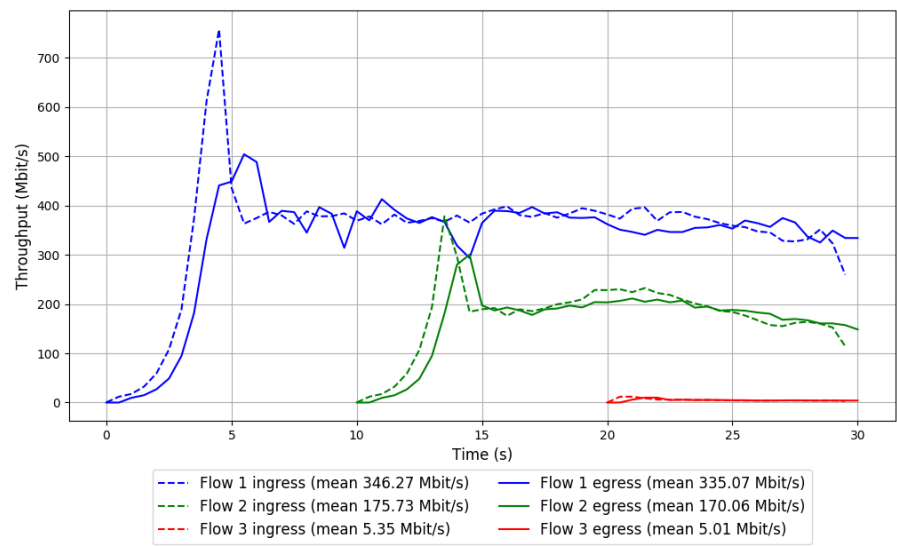


Run 10: Statistics of PCC-Expr

Start at: 2018-07-03 18:50:46
End at: 2018-07-03 18:51:16
Local clock offset: -0.14 ms
Remote clock offset: -0.236 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 449.83 Mbit/s
95th percentile per-packet one-way delay: 247.996 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 335.07 Mbit/s
95th percentile per-packet one-way delay: 249.346 ms
Loss rate: 3.23%
-- Flow 2:
Average throughput: 170.06 Mbit/s
95th percentile per-packet one-way delay: 246.135 ms
Loss rate: 3.23%
-- Flow 3:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 246.590 ms
Loss rate: 6.31%

Run 10: Report of PCC-Expr — Data Link

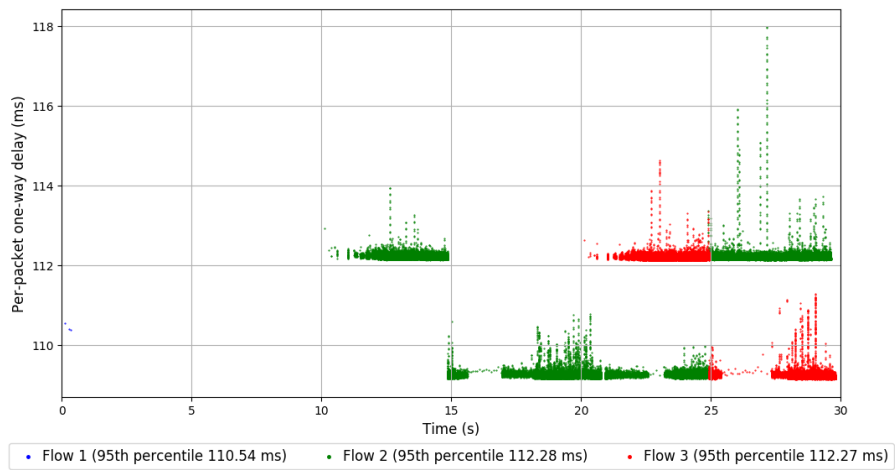
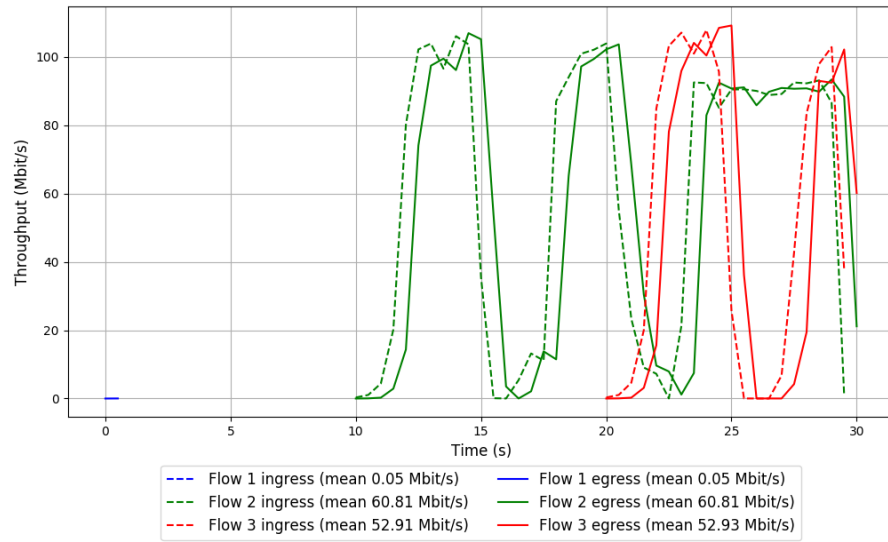


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-03 15:09:04
End at: 2018-07-03 15:09:34
Local clock offset: -0.034 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.17 Mbit/s
95th percentile per-packet one-way delay: 112.274 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 110.537 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.81 Mbit/s
95th percentile per-packet one-way delay: 112.276 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.93 Mbit/s
95th percentile per-packet one-way delay: 112.268 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

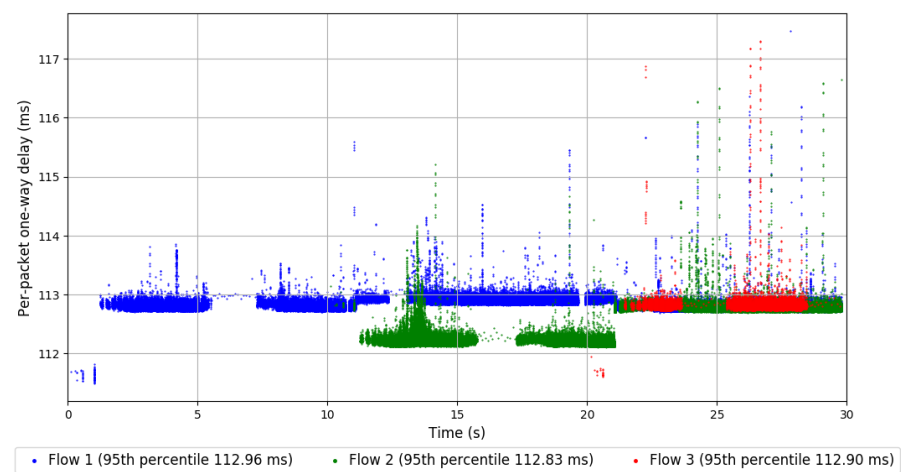
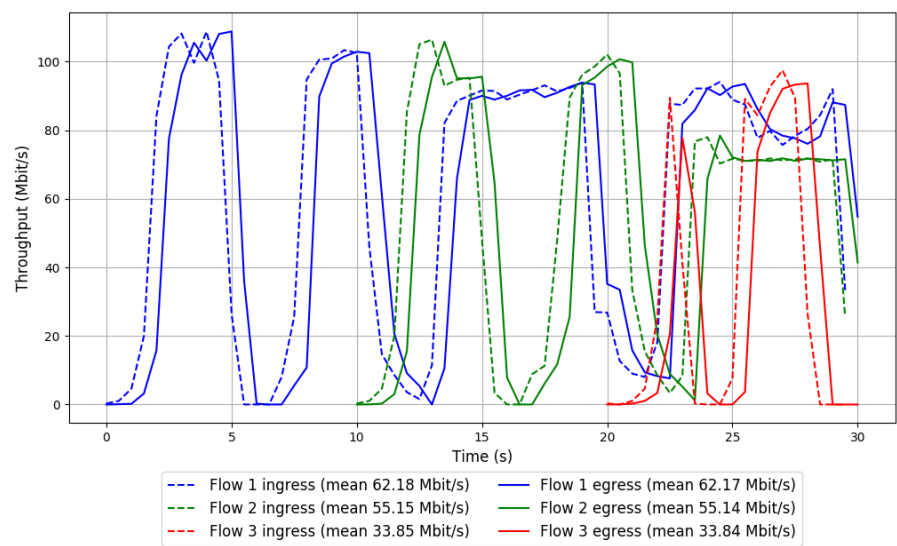


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-03 15:35:08
End at: 2018-07-03 15:35:38
Local clock offset: -1.409 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 109.64 Mbit/s
95th percentile per-packet one-way delay: 112.938 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.17 Mbit/s
95th percentile per-packet one-way delay: 112.958 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 55.14 Mbit/s
95th percentile per-packet one-way delay: 112.835 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.84 Mbit/s
95th percentile per-packet one-way delay: 112.900 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

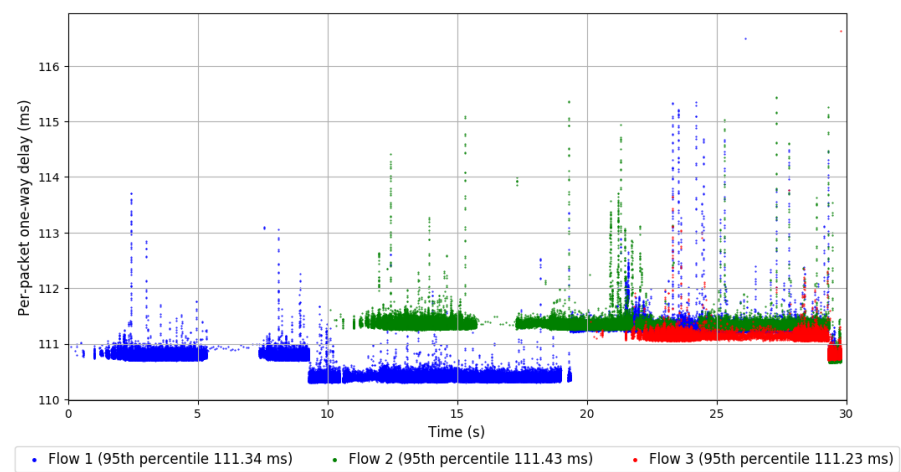
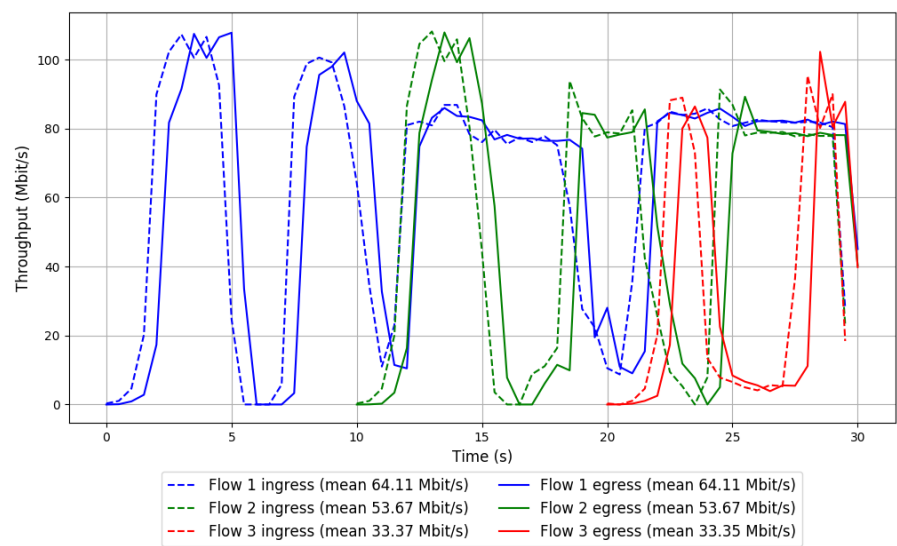


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-03 16:01:19
End at: 2018-07-03 16:01:49
Local clock offset: 0.073 ms
Remote clock offset: -0.252 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 110.51 Mbit/s
95th percentile per-packet one-way delay: 111.391 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.11 Mbit/s
95th percentile per-packet one-way delay: 111.343 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 53.67 Mbit/s
95th percentile per-packet one-way delay: 111.430 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: 111.230 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

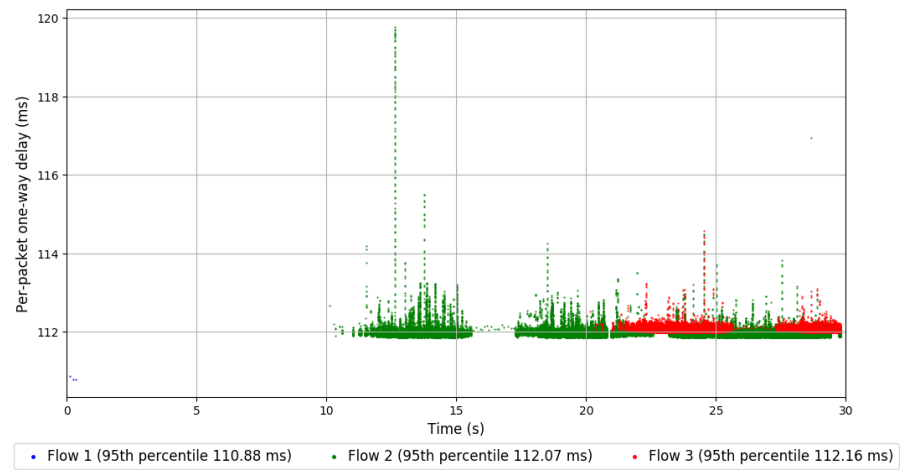
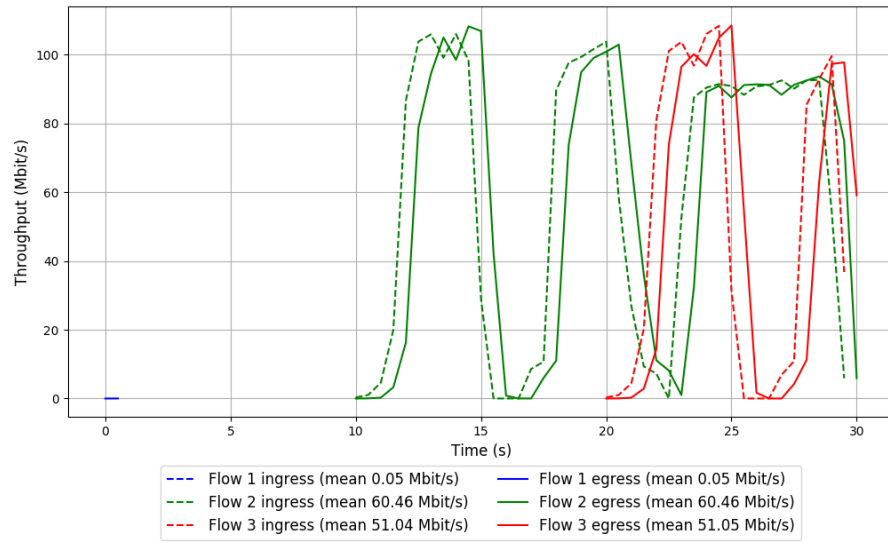


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-03 16:27:20
End at: 2018-07-03 16:27:50
Local clock offset: -1.135 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.66 Mbit/s
95th percentile per-packet one-way delay: 112.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 110.881 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.46 Mbit/s
95th percentile per-packet one-way delay: 112.074 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.05 Mbit/s
95th percentile per-packet one-way delay: 112.164 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

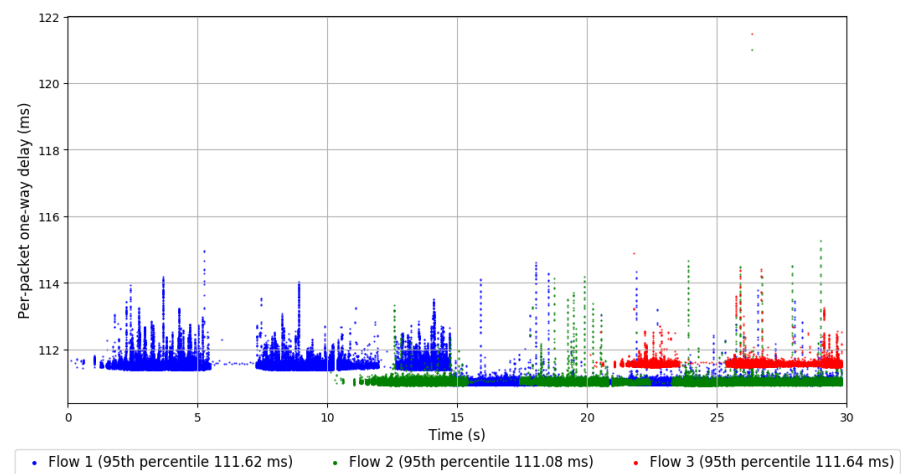
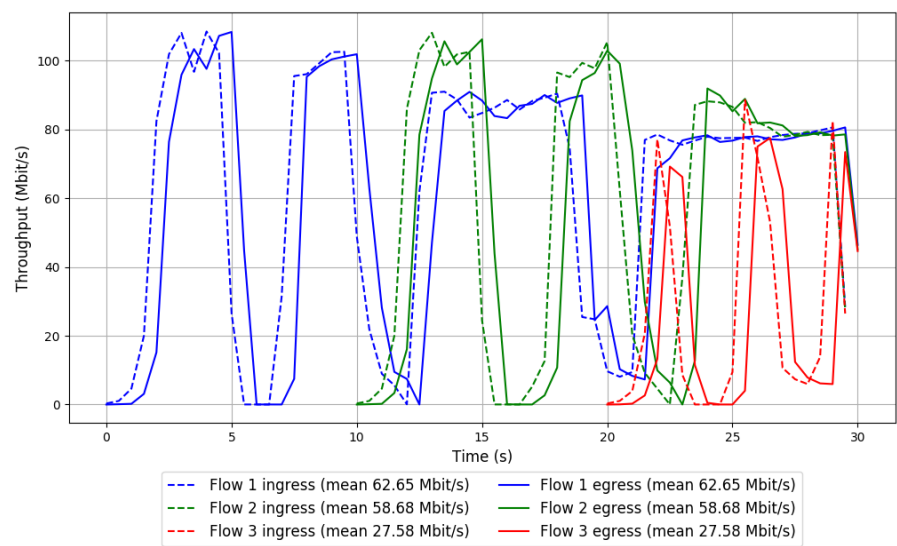


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-03 16:53:14
End at: 2018-07-03 16:53:44
Local clock offset: -0.149 ms
Remote clock offset: -0.264 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 110.52 Mbit/s
95th percentile per-packet one-way delay: 111.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.65 Mbit/s
95th percentile per-packet one-way delay: 111.623 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.68 Mbit/s
95th percentile per-packet one-way delay: 111.084 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.58 Mbit/s
95th percentile per-packet one-way delay: 111.645 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

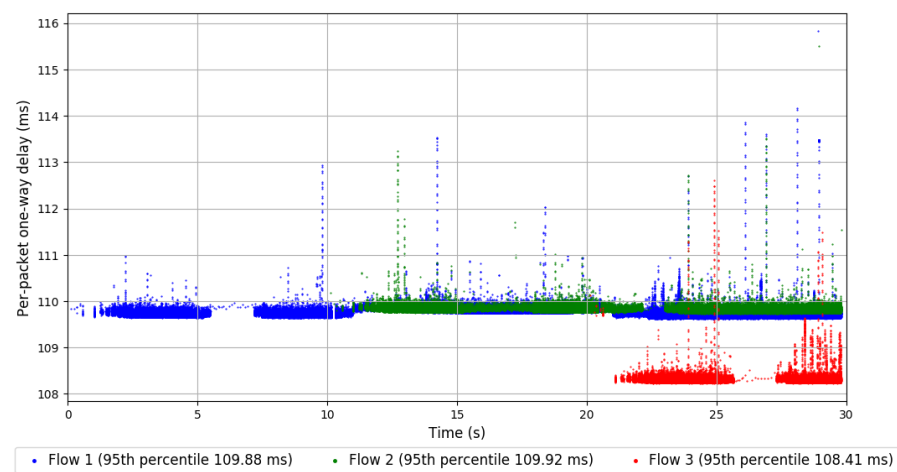
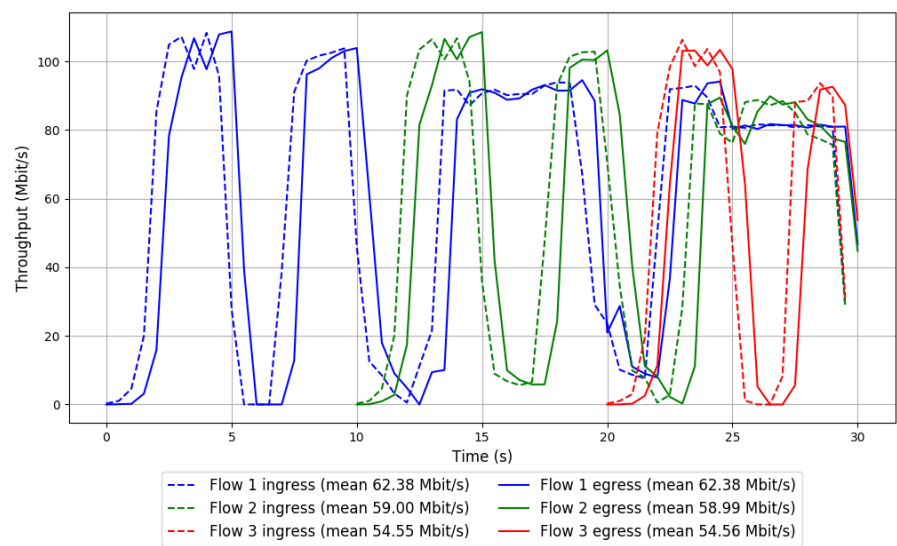


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-03 17:19:28
End at: 2018-07-03 17:19:58
Local clock offset: 1.317 ms
Remote clock offset: -0.522 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 119.23 Mbit/s
95th percentile per-packet one-way delay: 109.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.38 Mbit/s
95th percentile per-packet one-way delay: 109.876 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.99 Mbit/s
95th percentile per-packet one-way delay: 109.920 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 108.407 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-07-03 17:45:30

End at: 2018-07-03 17:46:00

Local clock offset: -0.161 ms

Remote clock offset: 0.127 ms

Below is generated by plot.py at 2018-07-03 21:16:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 116.61 Mbit/s

95th percentile per-packet one-way delay: 112.021 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 63.83 Mbit/s

95th percentile per-packet one-way delay: 111.996 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 56.11 Mbit/s

95th percentile per-packet one-way delay: 112.037 ms

Loss rate: 0.00%

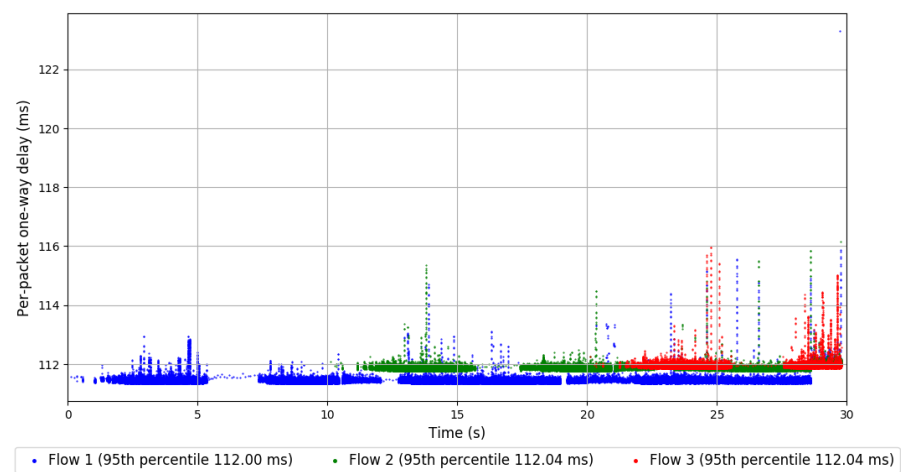
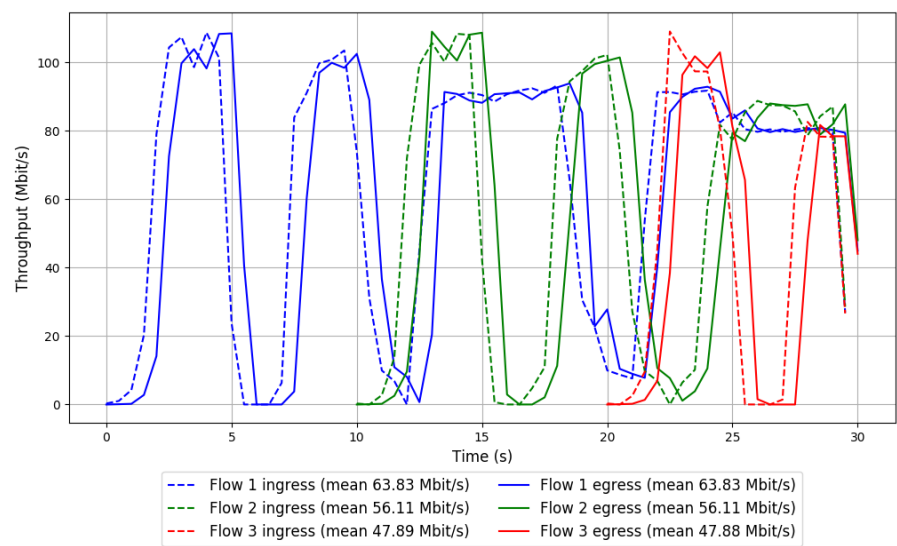
-- Flow 3:

Average throughput: 47.88 Mbit/s

95th percentile per-packet one-way delay: 112.041 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-07-03 18:12:46

End at: 2018-07-03 18:13:16

Local clock offset: -0.161 ms

Remote clock offset: 0.107 ms

Below is generated by plot.py at 2018-07-03 21:16:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 115.26 Mbit/s

95th percentile per-packet one-way delay: 111.980 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 64.22 Mbit/s

95th percentile per-packet one-way delay: 111.149 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 60.24 Mbit/s

95th percentile per-packet one-way delay: 112.033 ms

Loss rate: 0.00%

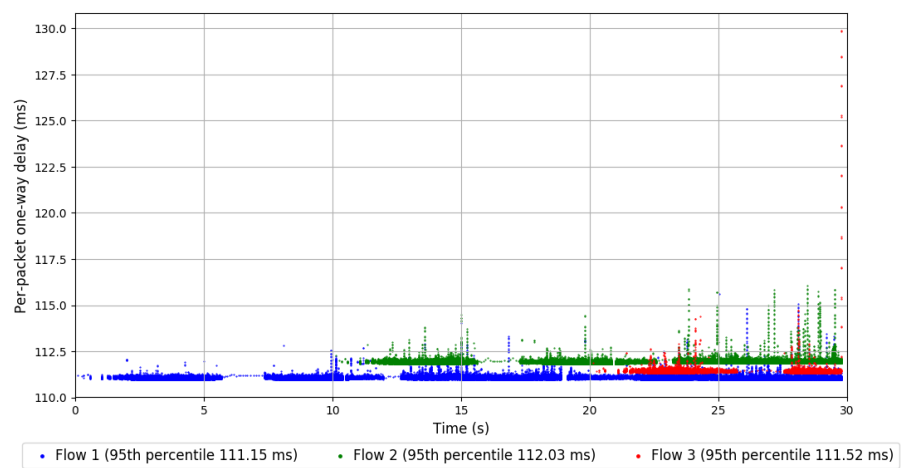
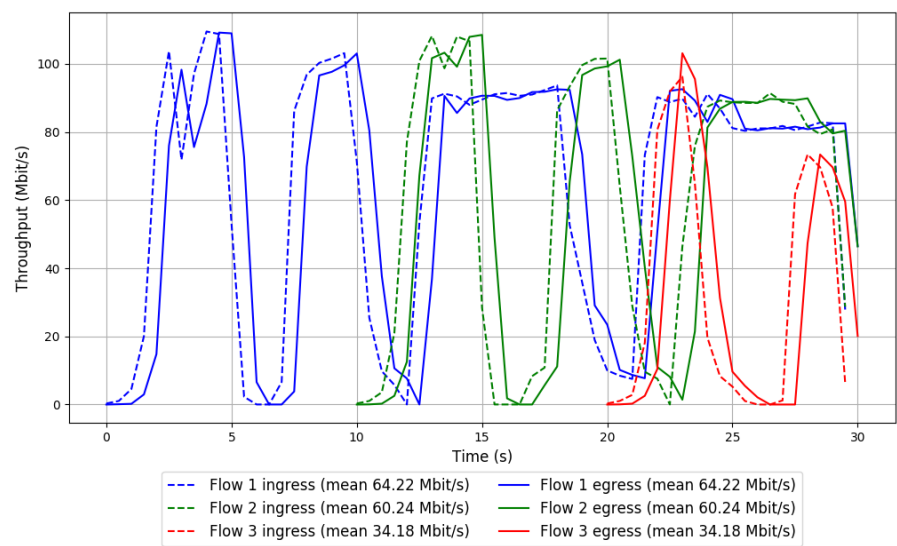
-- Flow 3:

Average throughput: 34.18 Mbit/s

95th percentile per-packet one-way delay: 111.515 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

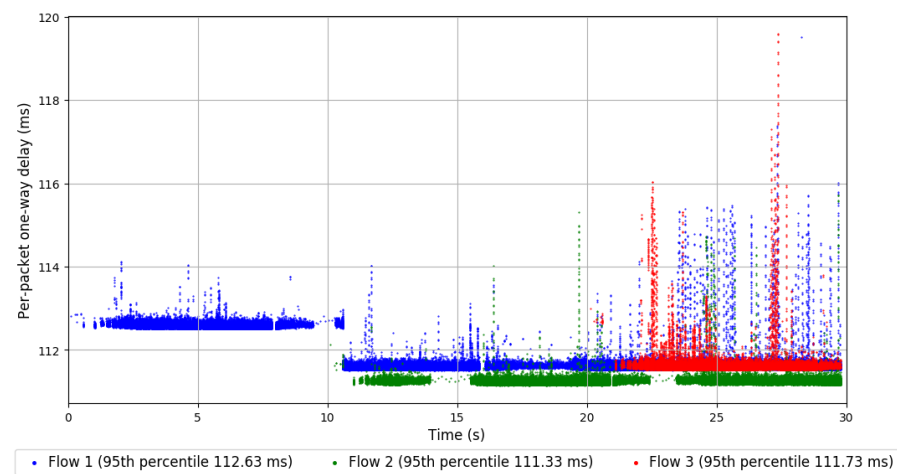
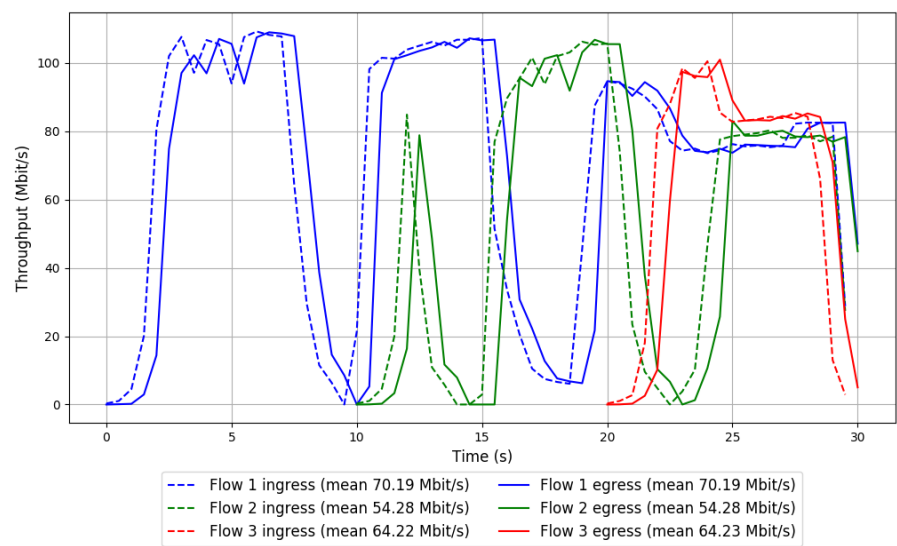


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-03 18:39:38
End at: 2018-07-03 18:40:08
Local clock offset: -1.145 ms
Remote clock offset: -0.243 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 127.05 Mbit/s
95th percentile per-packet one-way delay: 112.603 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.19 Mbit/s
95th percentile per-packet one-way delay: 112.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 54.28 Mbit/s
95th percentile per-packet one-way delay: 111.333 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.23 Mbit/s
95th percentile per-packet one-way delay: 111.729 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

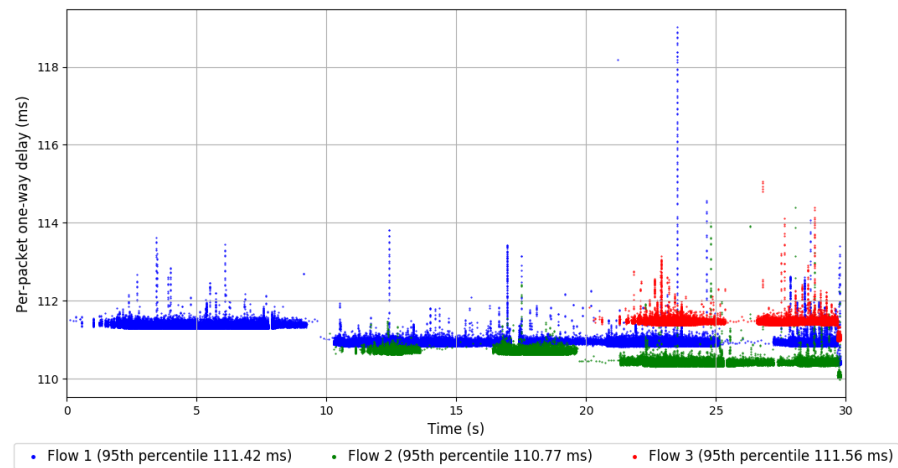
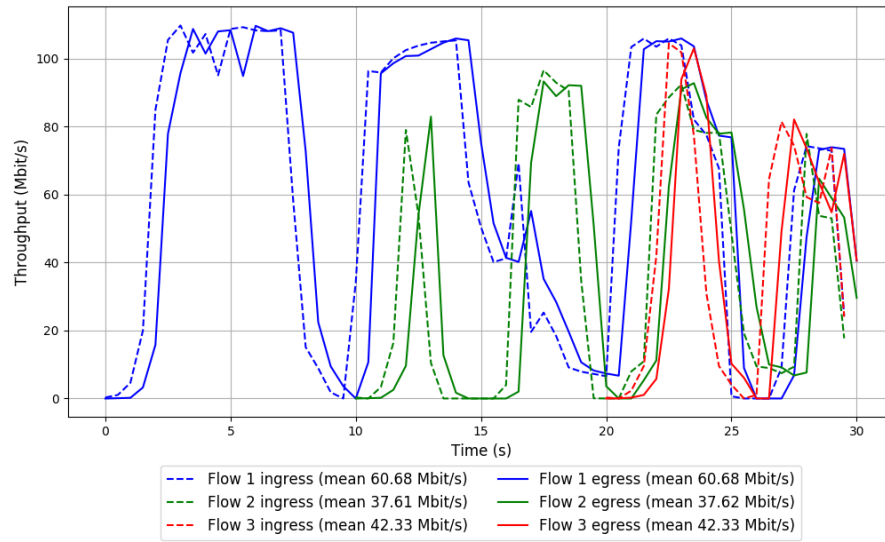


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-03 19:06:19
End at: 2018-07-03 19:06:49
Local clock offset: 0.02 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 99.39 Mbit/s
95th percentile per-packet one-way delay: 111.474 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.68 Mbit/s
95th percentile per-packet one-way delay: 111.417 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 110.768 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 111.557 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

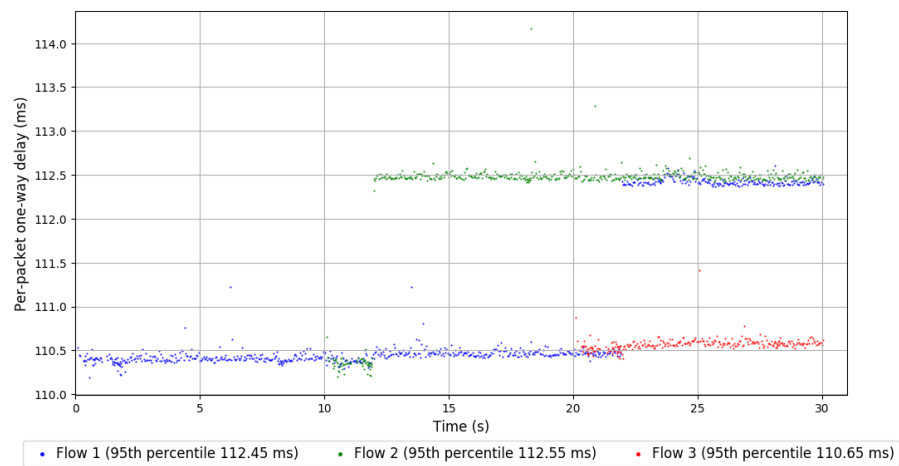
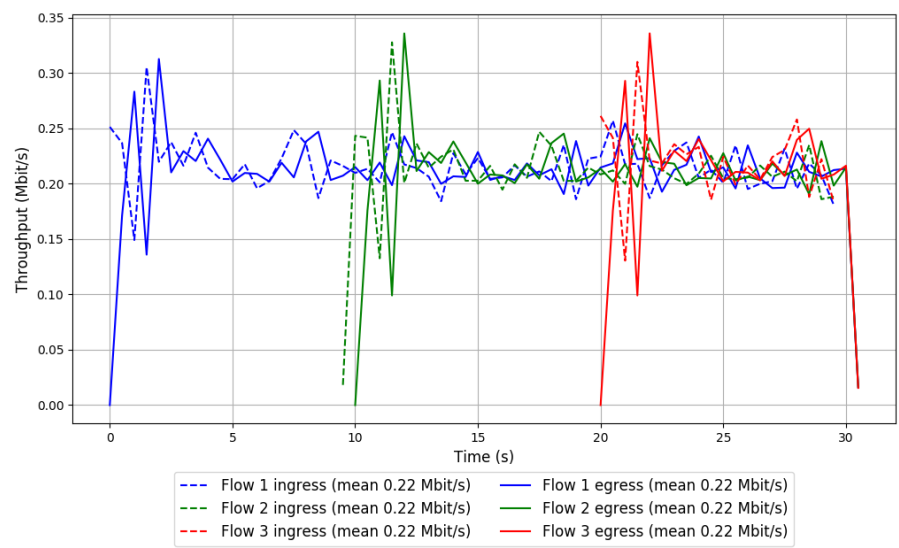


```
Run 1: Statistics of SReAM

Start at: 2018-07-03 14:52:37
End at: 2018-07-03 14:53:07
Local clock offset: 0.023 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2018-07-03 21:16:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.447 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.552 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.648 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

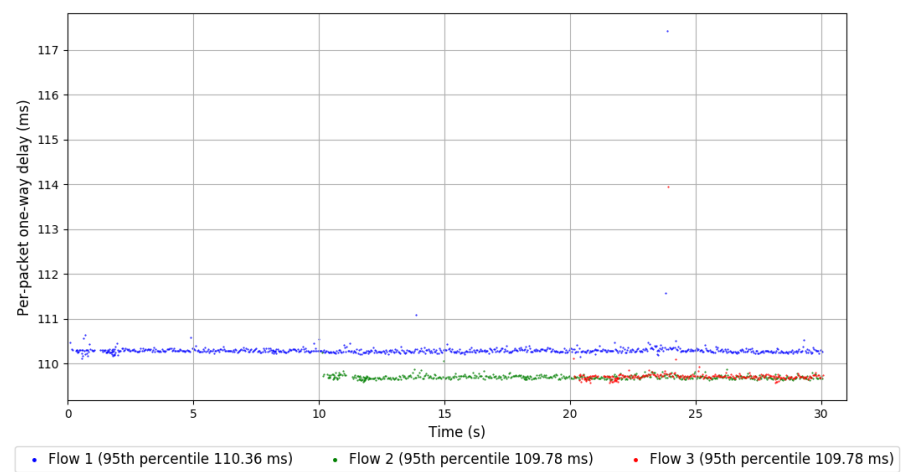
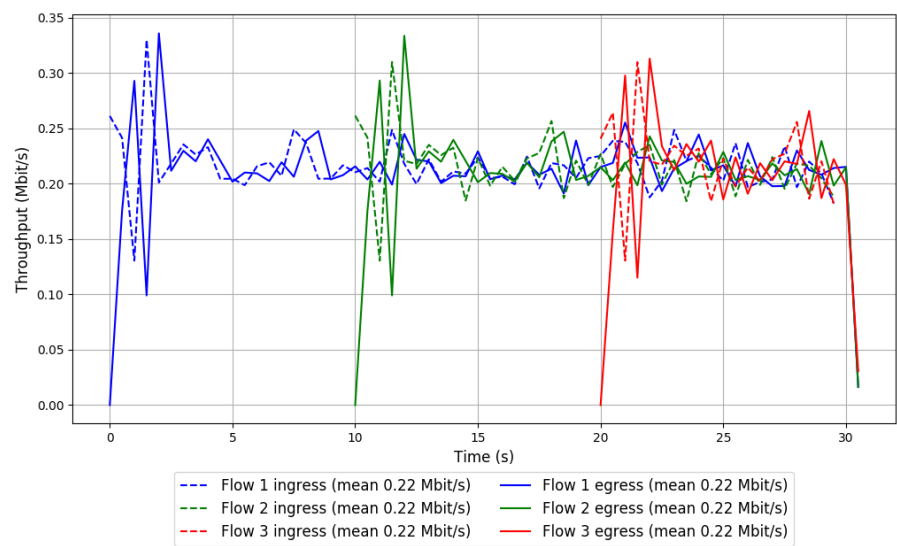


Run 2: Statistics of SReAM

Start at: 2018-07-03 15:18:38
End at: 2018-07-03 15:19:08
Local clock offset: 1.226 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 110.335 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.364 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.775 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.783 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

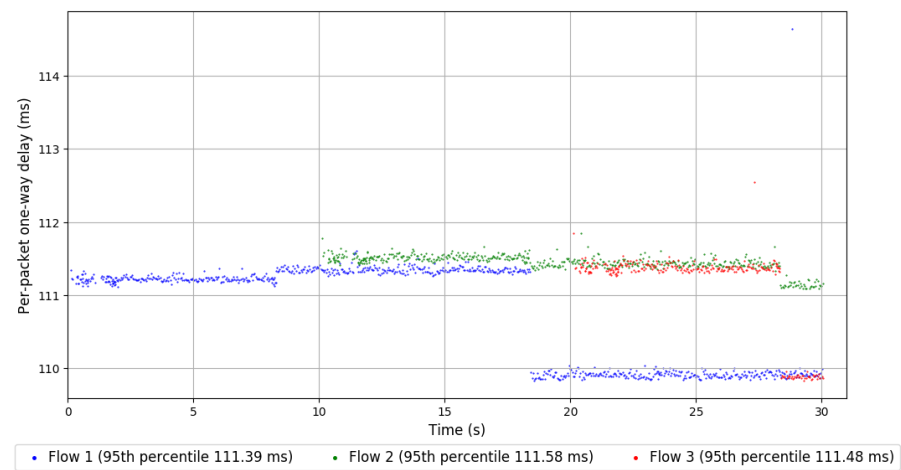
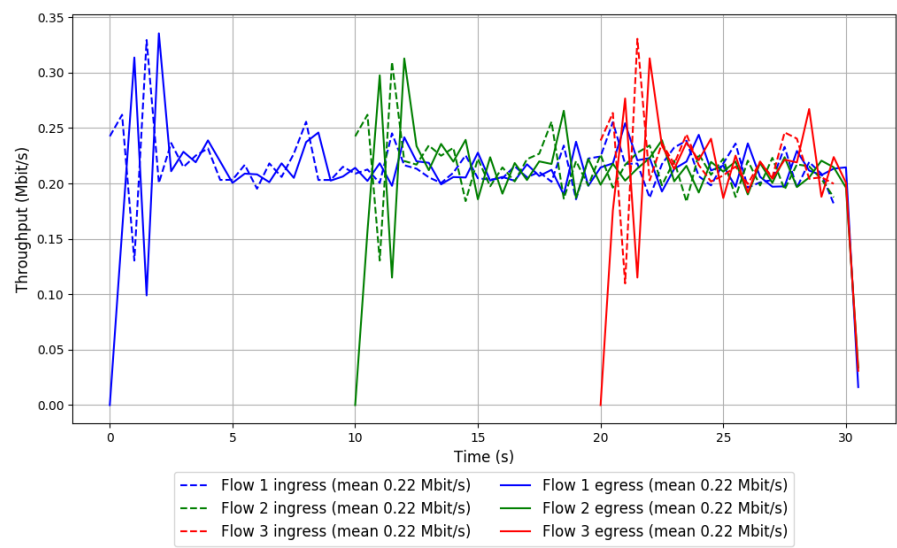


Run 3: Statistics of SReAM

Start at: 2018-07-03 15:44:41
End at: 2018-07-03 15:45:11
Local clock offset: -0.263 ms
Remote clock offset: -0.531 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.544 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.386 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.579 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.477 ms
Loss rate: 0.00%

Run 3: Report of SCRaM — Data Link

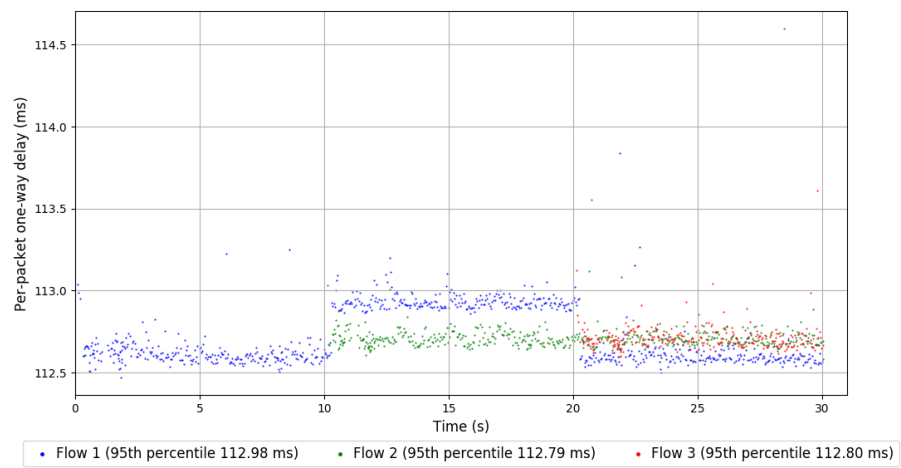
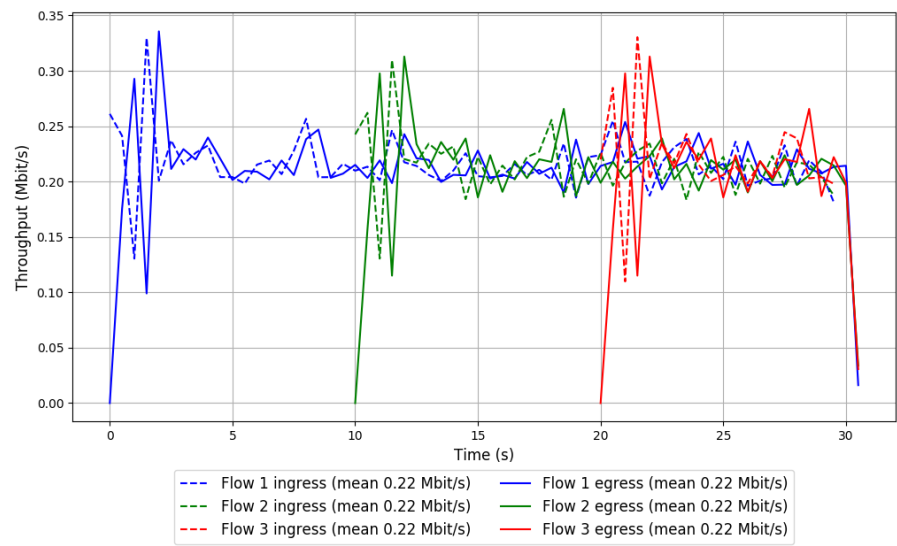


Run 4: Statistics of SReAM

Start at: 2018-07-03 16:10:59
End at: 2018-07-03 16:11:29
Local clock offset: -1.272 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.952 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.981 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.788 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.804 ms
Loss rate: 0.00%

Run 4: Report of SCSReAM — Data Link

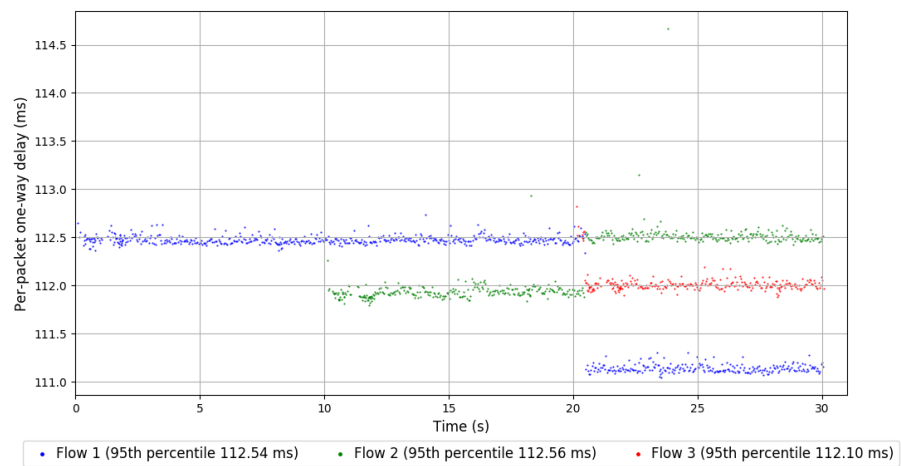
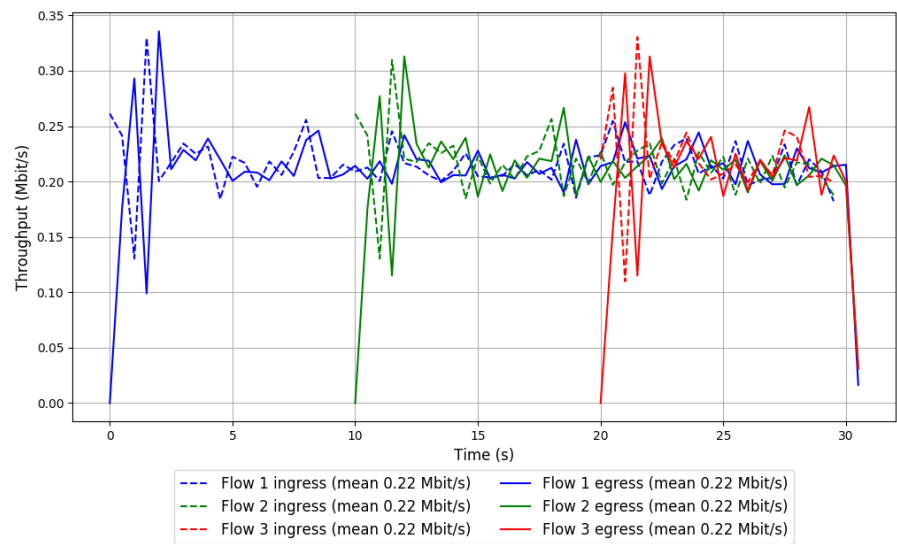


Run 5: Statistics of SReAM

Start at: 2018-07-03 16:36:49
End at: 2018-07-03 16:37:19
Local clock offset: -1.464 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.544 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.538 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.563 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.098 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

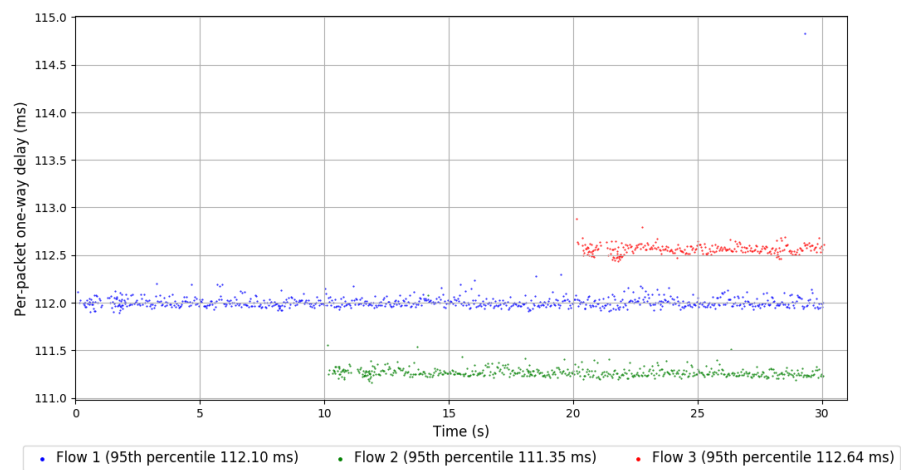
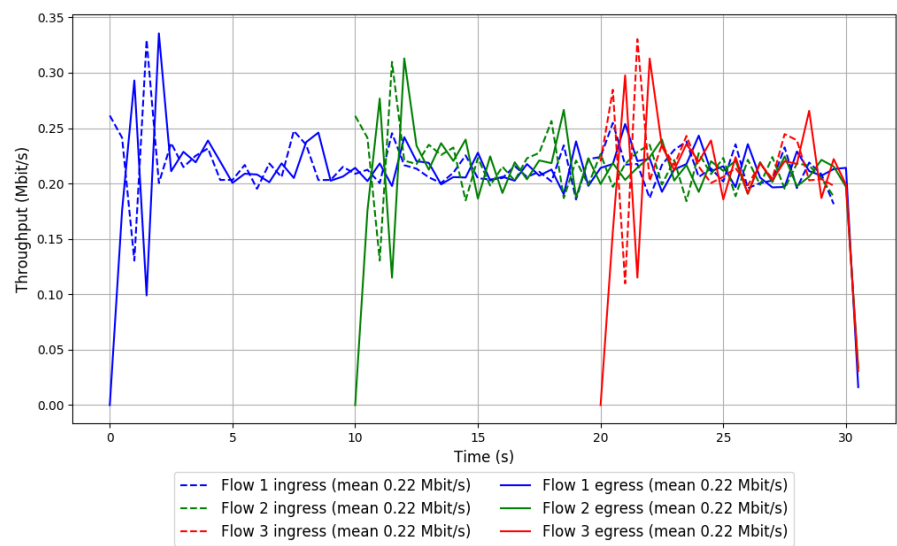


Run 6: Statistics of SCReAM

Start at: 2018-07-03 17:03:05
End at: 2018-07-03 17:03:35
Local clock offset: -1.002 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.101 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.352 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.639 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

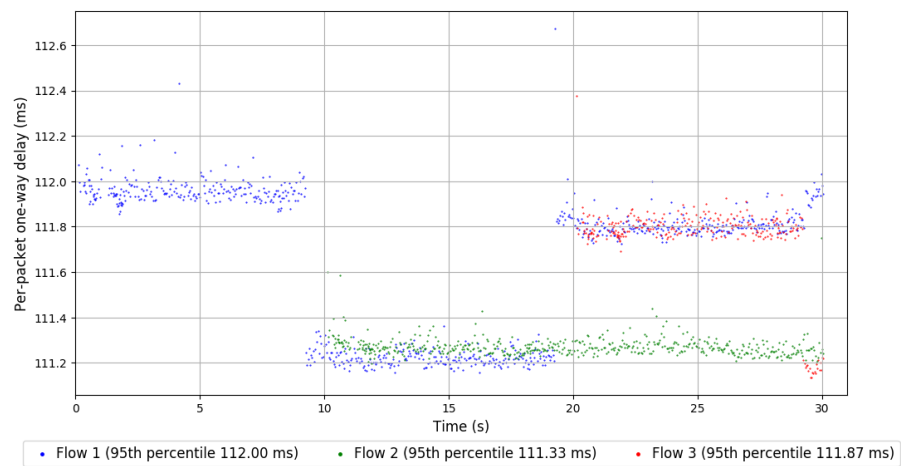
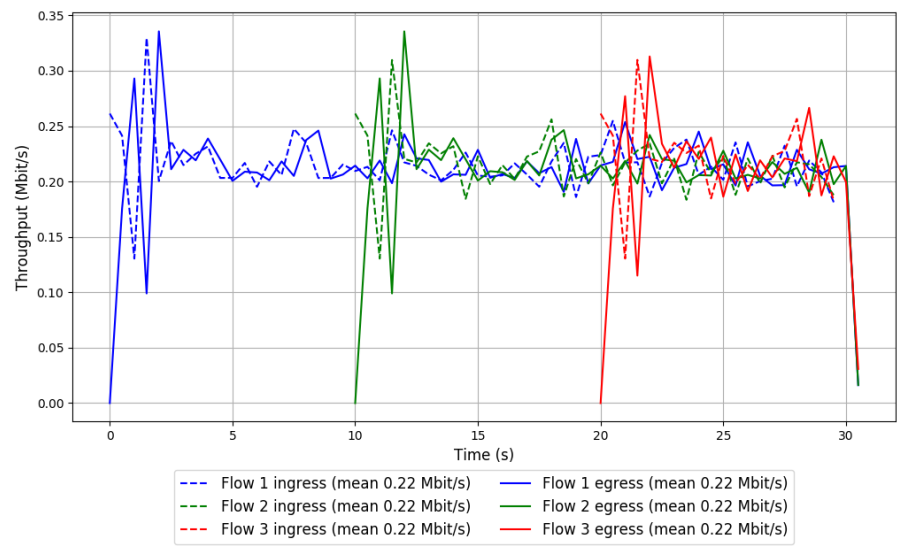


Run 7: Statistics of SReAM

Start at: 2018-07-03 17:29:10
End at: 2018-07-03 17:29:40
Local clock offset: -0.21 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.004 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.327 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.869 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

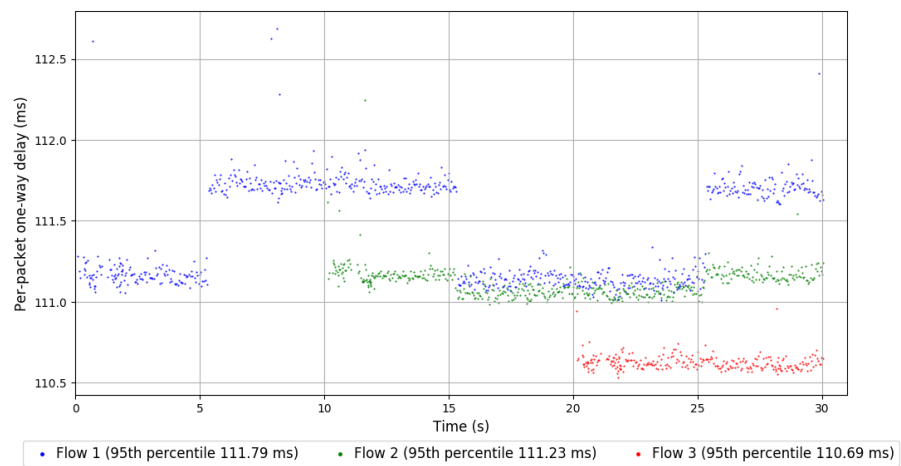
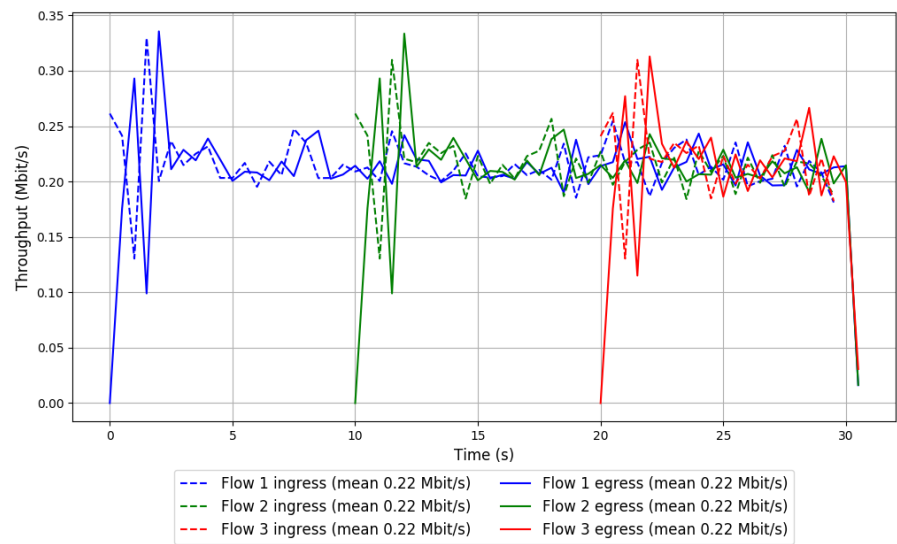


Run 8: Statistics of SReAM

Start at: 2018-07-03 17:55:24
End at: 2018-07-03 17:55:54
Local clock offset: -0.091 ms
Remote clock offset: -0.213 ms

```
# Below is generated by plot.py at 2018-07-03 21:16:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.757 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.792 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.228 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.694 ms
Loss rate: 0.00%
```

Run 8: Report of SReAM — Data Link

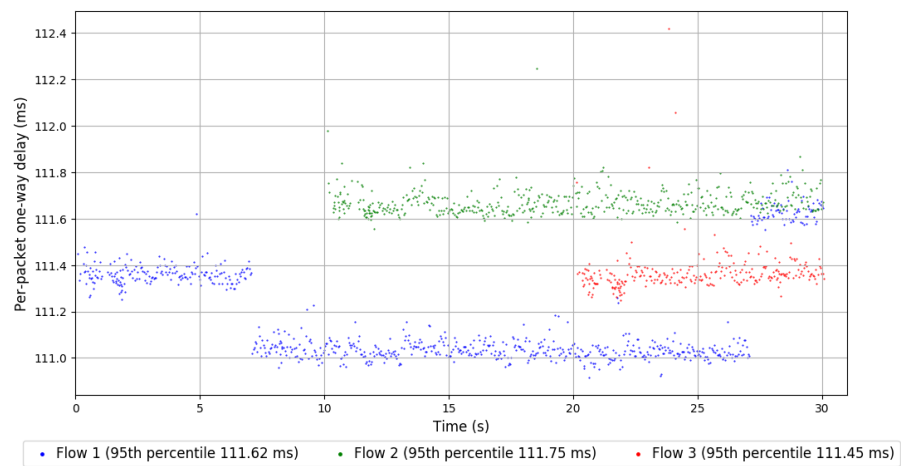
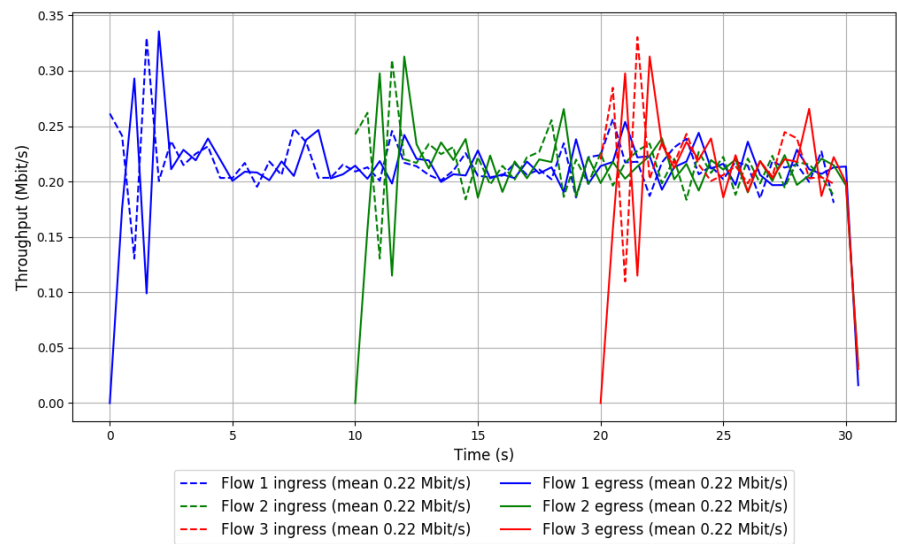


Run 9: Statistics of SReAM

Start at: 2018-07-03 18:22:32
End at: 2018-07-03 18:23:02
Local clock offset: -0.121 ms
Remote clock offset: -0.233 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.620 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.755 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.453 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

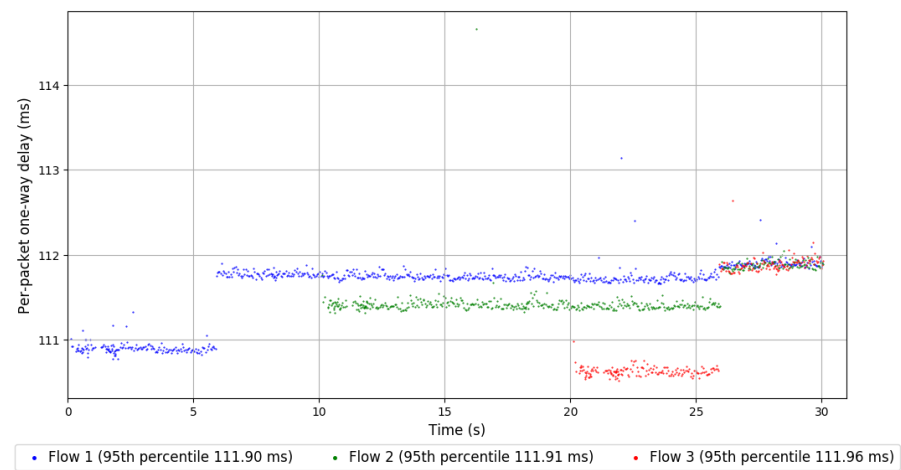
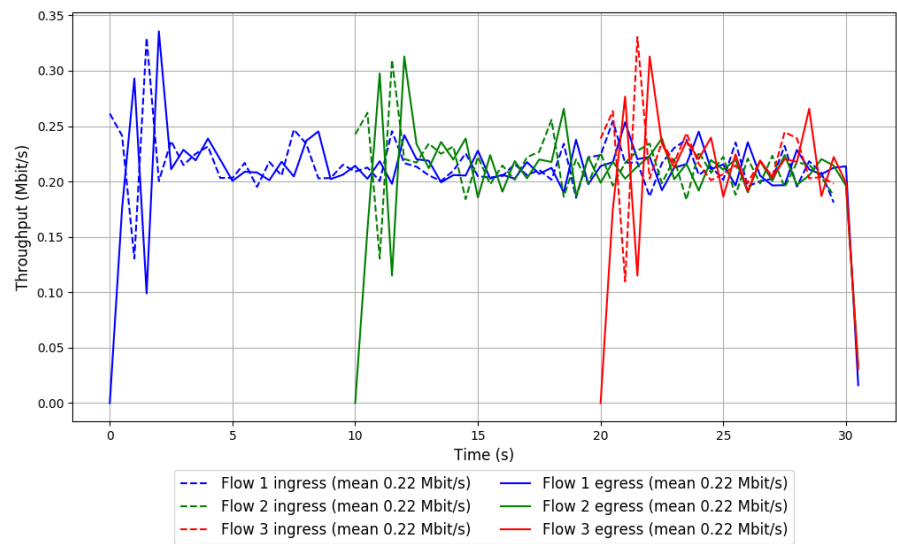


Run 10: Statistics of SReAM

Start at: 2018-07-03 18:49:33
End at: 2018-07-03 18:50:03
Local clock offset: -0.168 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.917 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.903 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.906 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.961 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

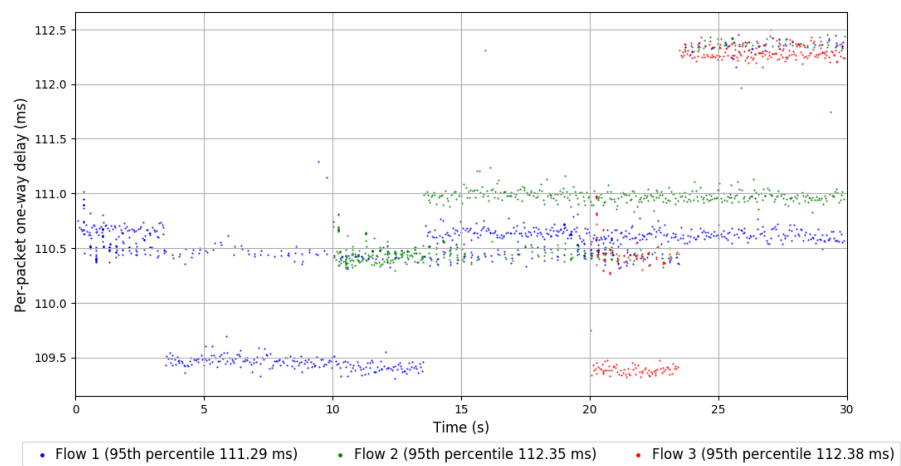
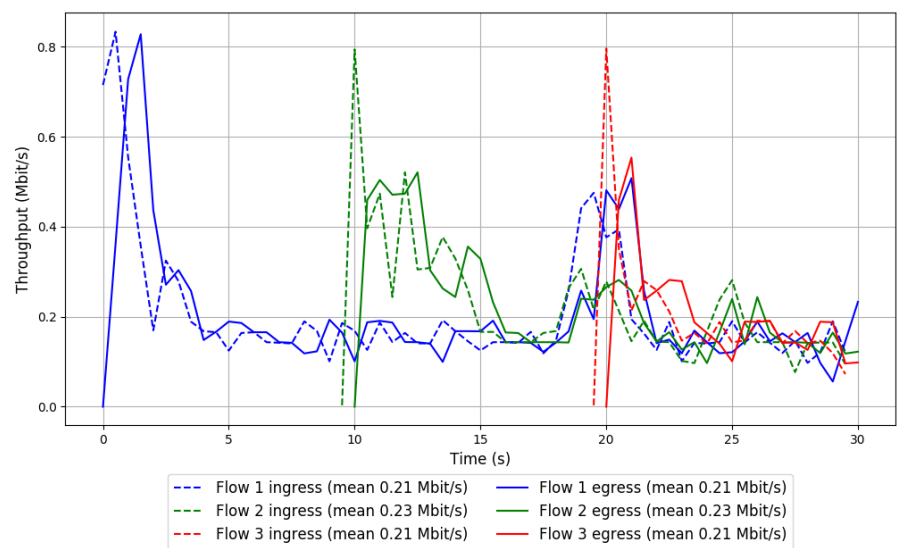


Run 1: Statistics of Sprout

Start at: 2018-07-03 15:00:55
End at: 2018-07-03 15:01:25
Local clock offset: -0.002 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-07-03 21:16:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.351 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 111.290 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 112.352 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 112.376 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

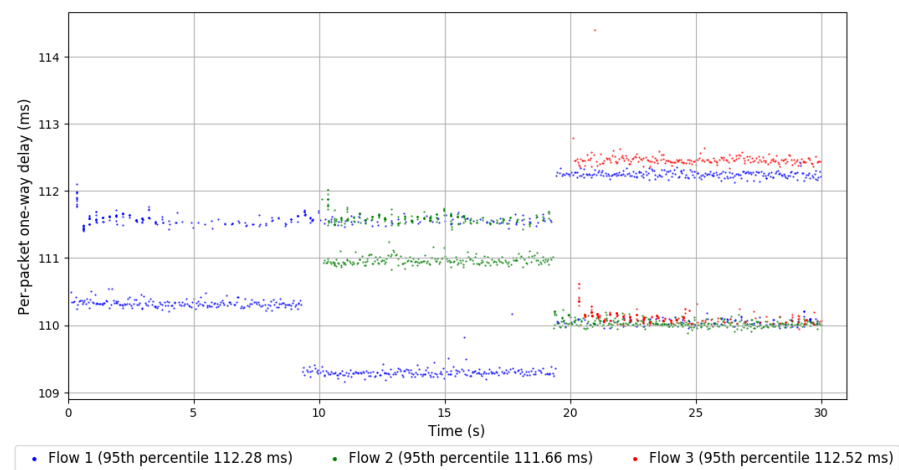
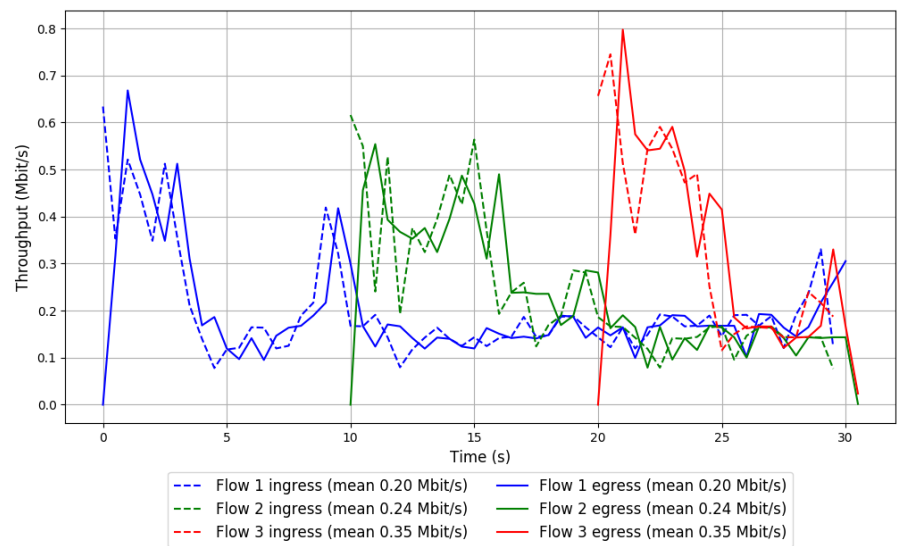


Run 2: Statistics of Sprout

Start at: 2018-07-03 15:27:00
End at: 2018-07-03 15:27:30
Local clock offset: -0.069 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-07-03 21:16:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 112.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 112.279 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 111.656 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 112.523 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

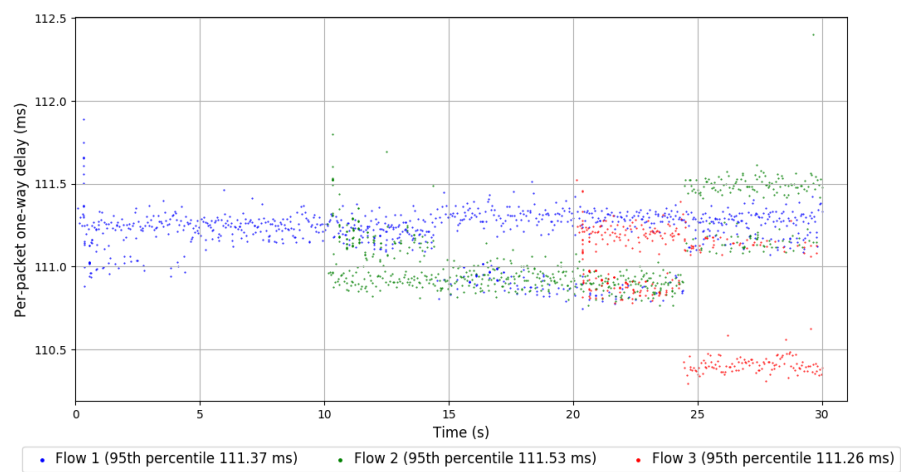
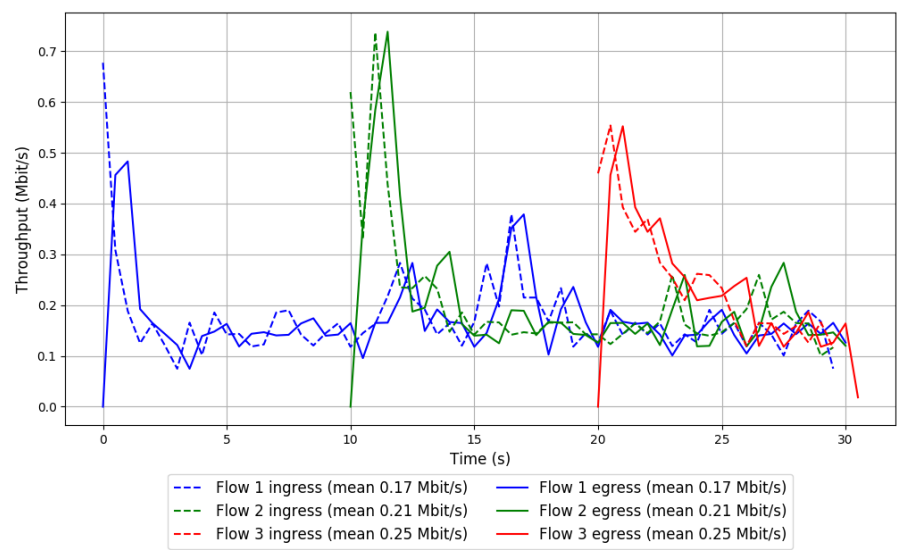


Run 3: Statistics of Sprout

Start at: 2018-07-03 15:53:05
End at: 2018-07-03 15:53:35
Local clock offset: 0.142 ms
Remote clock offset: -0.198 ms

```
# Below is generated by plot.py at 2018-07-03 21:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 111.474 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 111.366 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 111.526 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 111.257 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

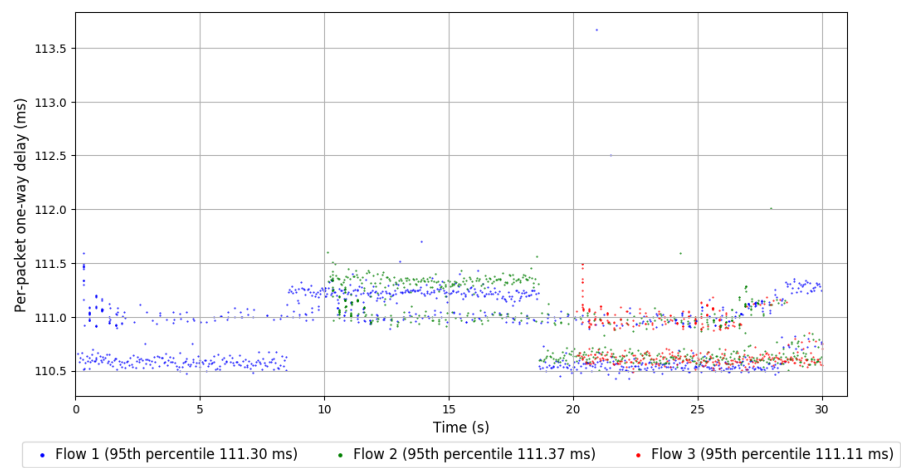
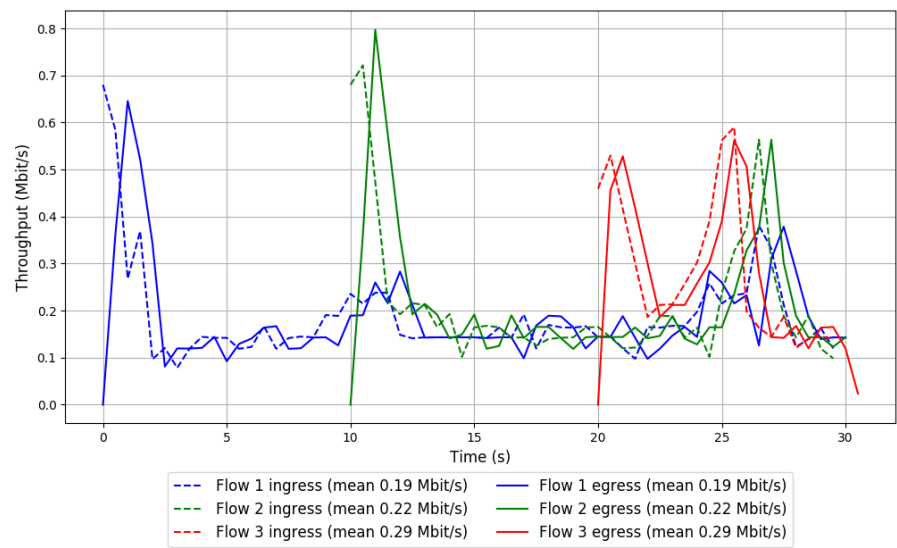


Run 4: Statistics of Sprout

Start at: 2018-07-03 16:19:30
End at: 2018-07-03 16:20:00
Local clock offset: 0.36 ms
Remote clock offset: -0.245 ms

```
# Below is generated by plot.py at 2018-07-03 21:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 111.296 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.372 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 111.113 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

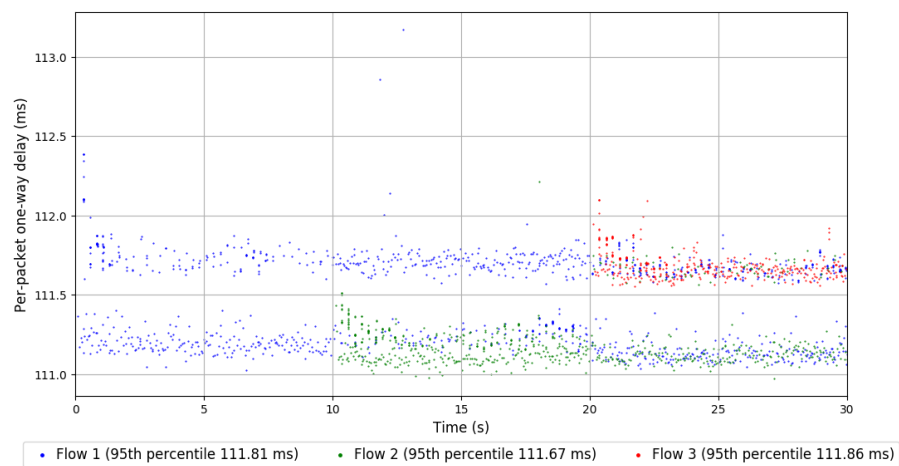
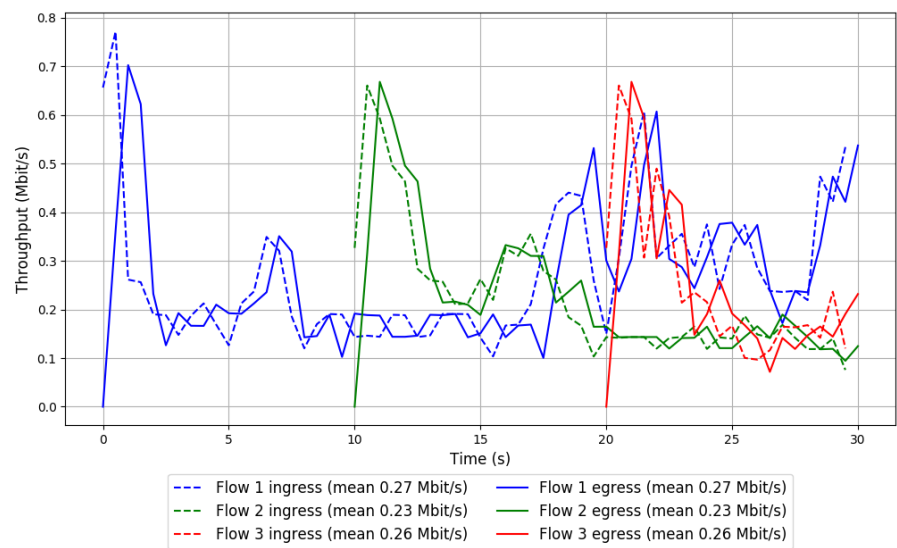


Run 5: Statistics of Sprout

Start at: 2018-07-03 16:45:19
End at: 2018-07-03 16:45:49
Local clock offset: -0.204 ms
Remote clock offset: -0.282 ms

```
# Below is generated by plot.py at 2018-07-03 21:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 111.800 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 111.810 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 111.667 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 111.862 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

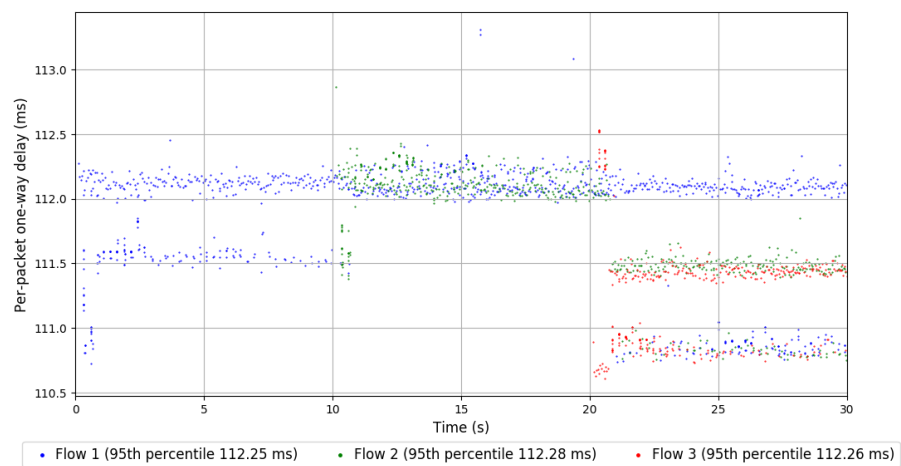
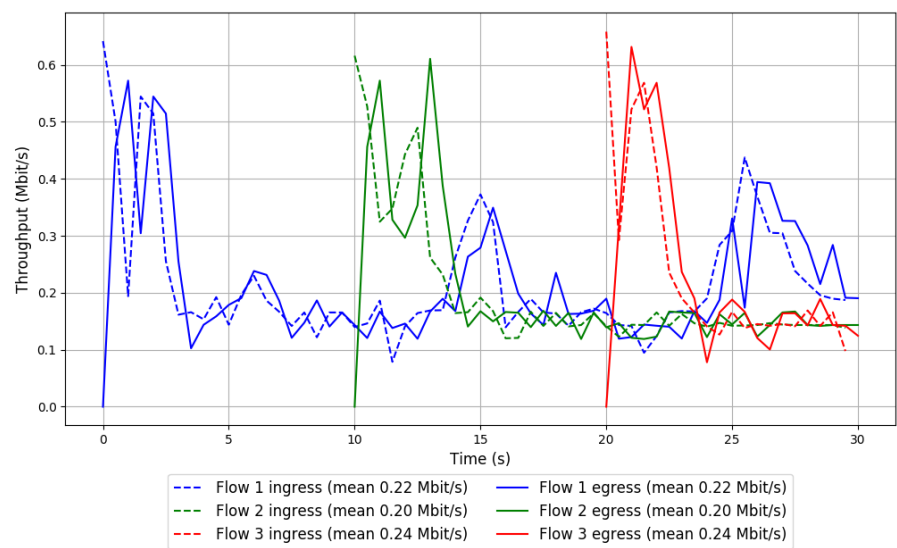


Run 6: Statistics of Sprout

Start at: 2018-07-03 17:11:28
End at: 2018-07-03 17:11:58
Local clock offset: -0.172 ms
Remote clock offset: 0.227 ms

```
# Below is generated by plot.py at 2018-07-03 21:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.264 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.247 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 112.283 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 112.256 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-07-03 17:37:28

End at: 2018-07-03 17:37:58

Local clock offset: 0.192 ms

Remote clock offset: 0.195 ms

Below is generated by plot.py at 2018-07-03 21:16:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 111.931 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 111.932 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.937 ms

Loss rate: 0.00%

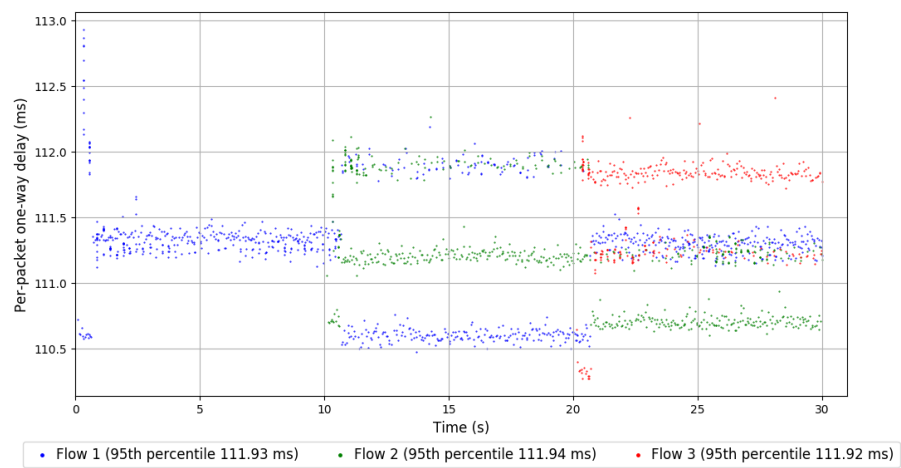
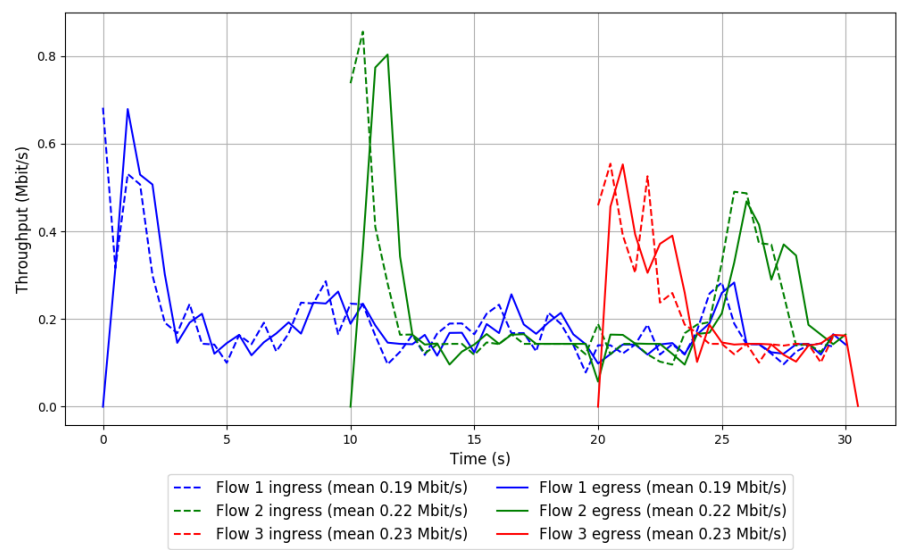
-- Flow 3:

Average throughput: 0.23 Mbit/s

95th percentile per-packet one-way delay: 111.924 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

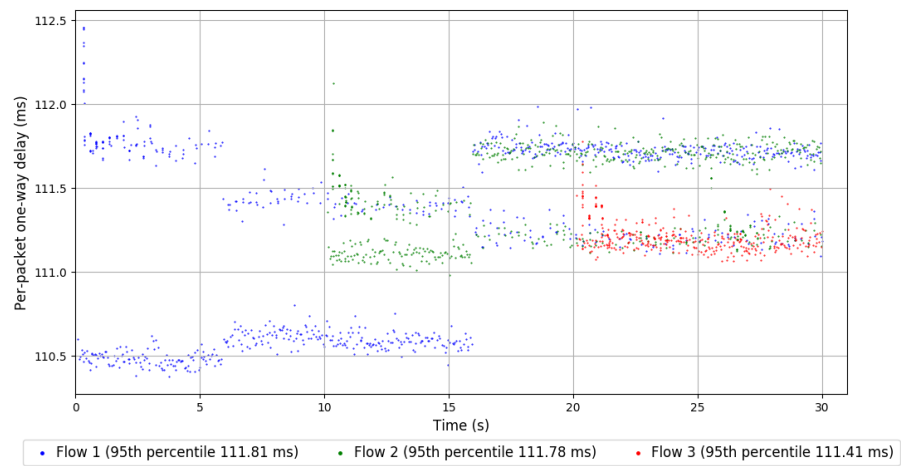
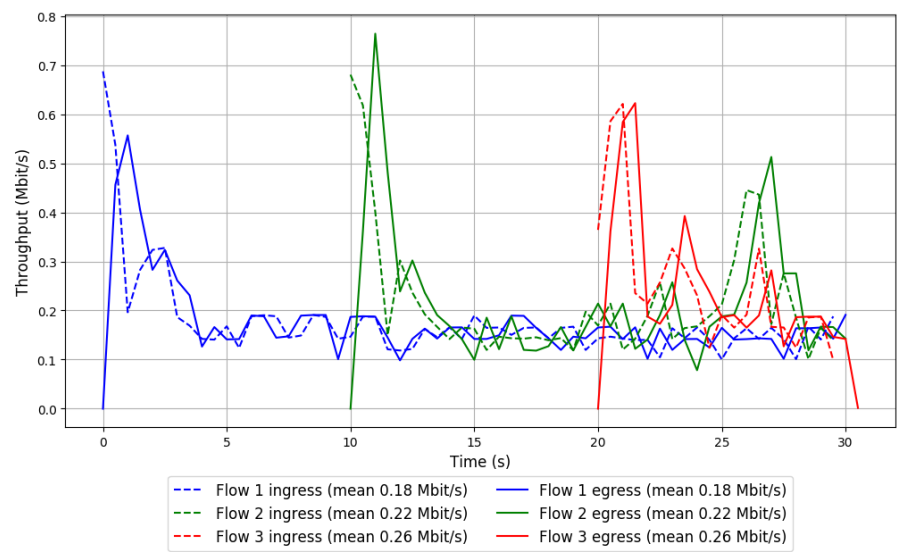


Run 8: Statistics of Sprout

Start at: 2018-07-03 18:03:53
End at: 2018-07-03 18:04:23
Local clock offset: -0.19 ms
Remote clock offset: -0.248 ms

```
# Below is generated by plot.py at 2018-07-03 21:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 111.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 111.809 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.782 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 111.405 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

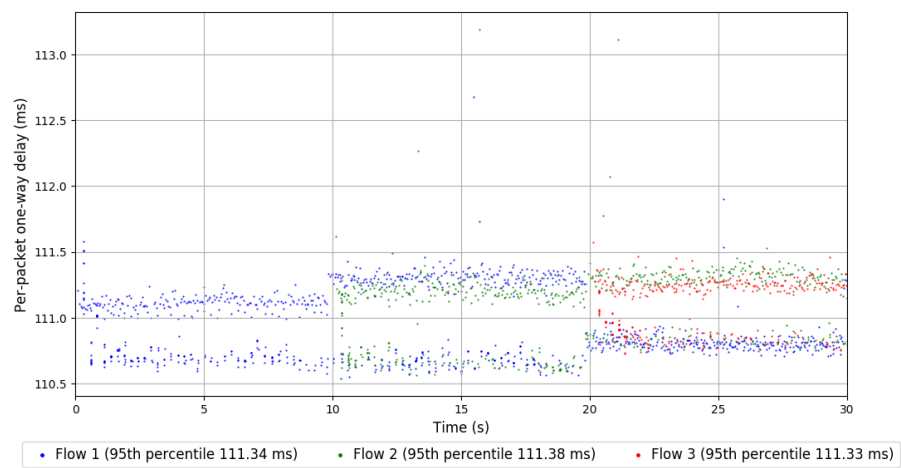
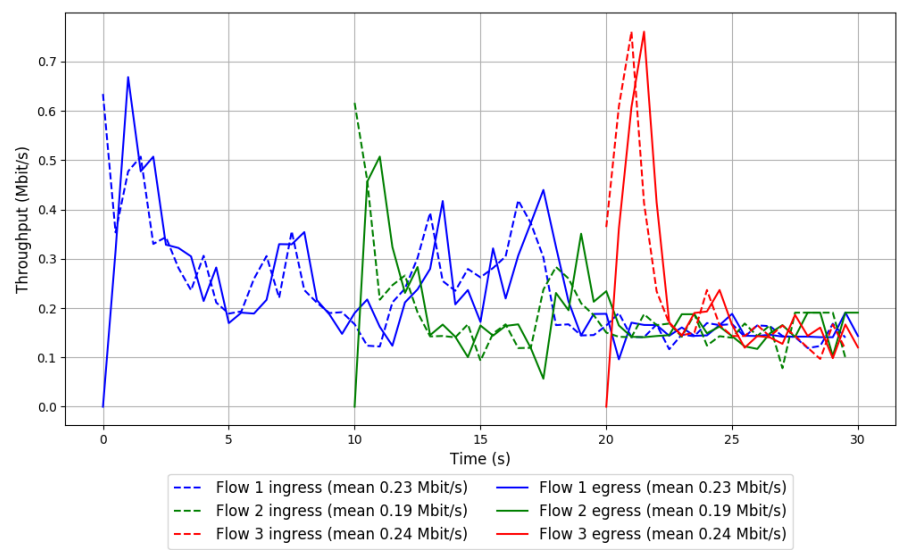


Run 9: Statistics of Sprout

Start at: 2018-07-03 18:31:29
End at: 2018-07-03 18:31:59
Local clock offset: 0.01 ms
Remote clock offset: -0.635 ms

```
# Below is generated by plot.py at 2018-07-03 21:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 111.355 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 111.344 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 111.375 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 111.333 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

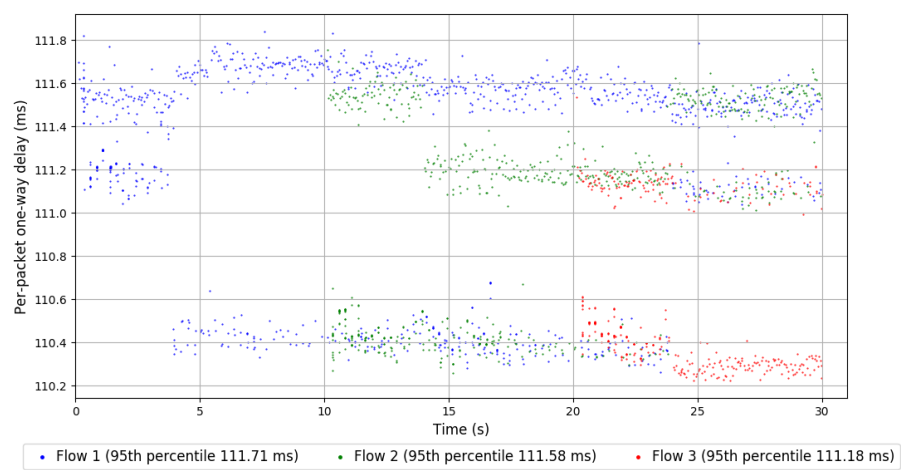
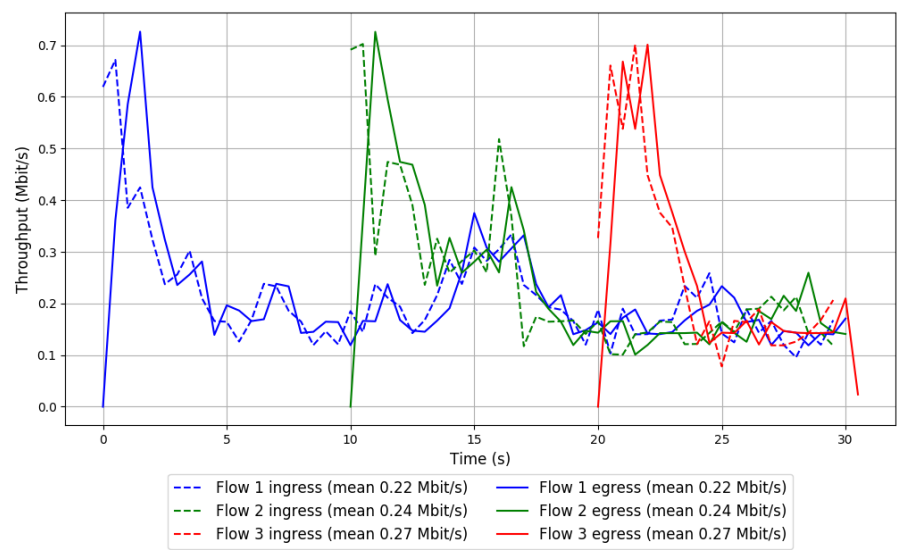


Run 10: Statistics of Sprout

Start at: 2018-07-03 18:58:05
End at: 2018-07-03 18:58:35
Local clock offset: -0.05 ms
Remote clock offset: -0.218 ms

```
# Below is generated by plot.py at 2018-07-03 21:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 111.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.706 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 111.583 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 111.180 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

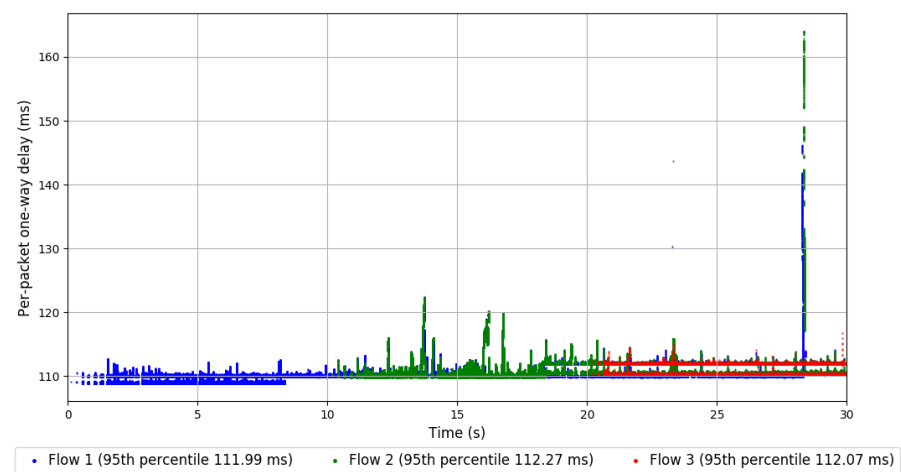
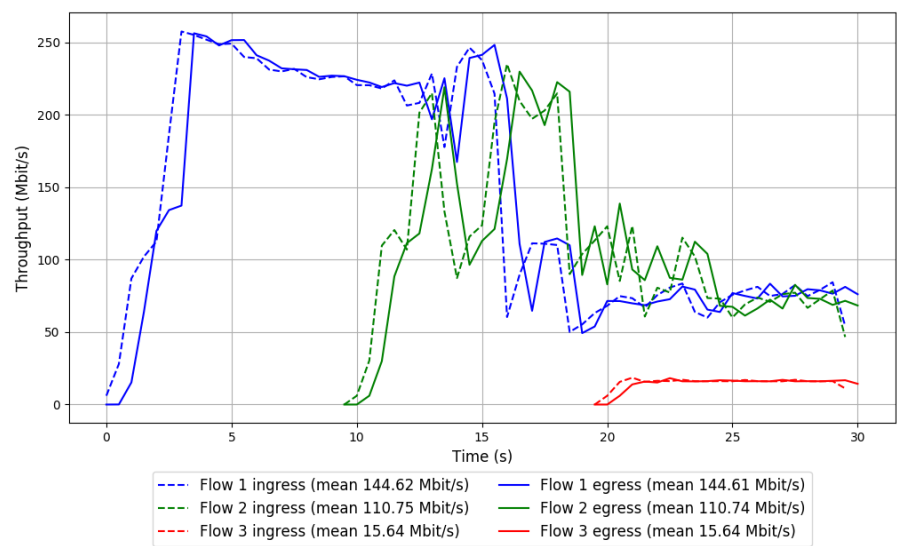


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-03 14:51:01
End at: 2018-07-03 14:51:31
Local clock offset: 0.271 ms
Remote clock offset: -0.094 ms

# Below is generated by plot.py at 2018-07-03 21:16:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 223.91 Mbit/s
95th percentile per-packet one-way delay: 112.049 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 144.61 Mbit/s
95th percentile per-packet one-way delay: 111.987 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 110.74 Mbit/s
95th percentile per-packet one-way delay: 112.268 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 112.069 ms
Loss rate: 0.01%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2018-07-03 15:17:03

End at: 2018-07-03 15:17:33

Local clock offset: -0.025 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at 2018-07-03 21:16:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 218.71 Mbit/s

95th percentile per-packet one-way delay: 112.202 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 192.27 Mbit/s

95th percentile per-packet one-way delay: 112.196 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.84 Mbit/s

95th percentile per-packet one-way delay: 114.140 ms

Loss rate: 0.00%

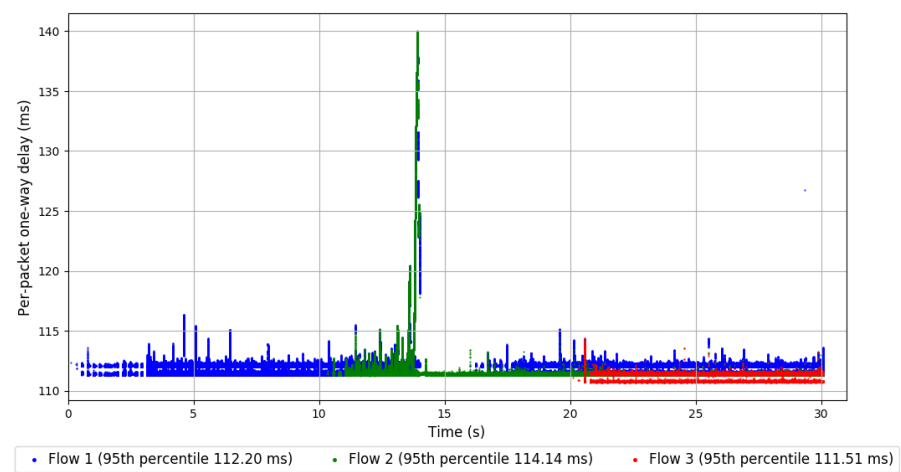
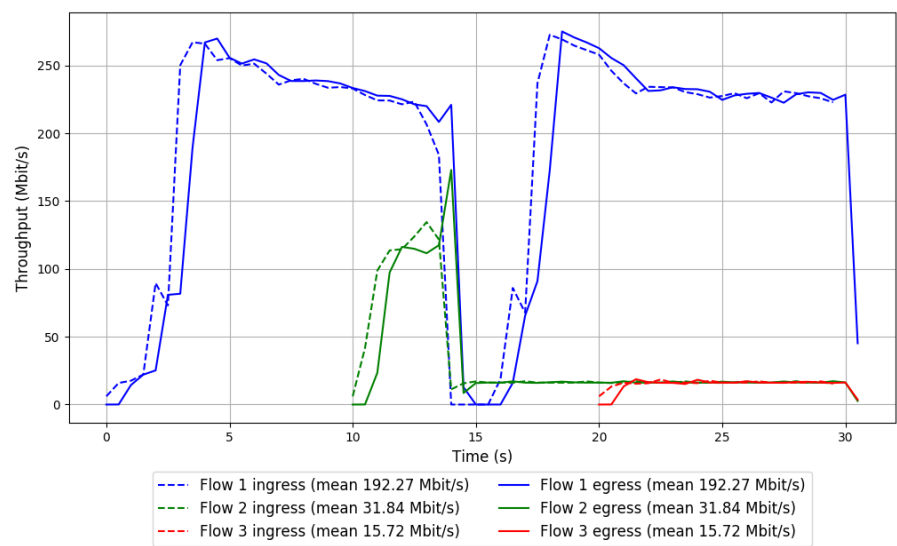
-- Flow 3:

Average throughput: 15.72 Mbit/s

95th percentile per-packet one-way delay: 111.506 ms

Loss rate: 0.00%

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

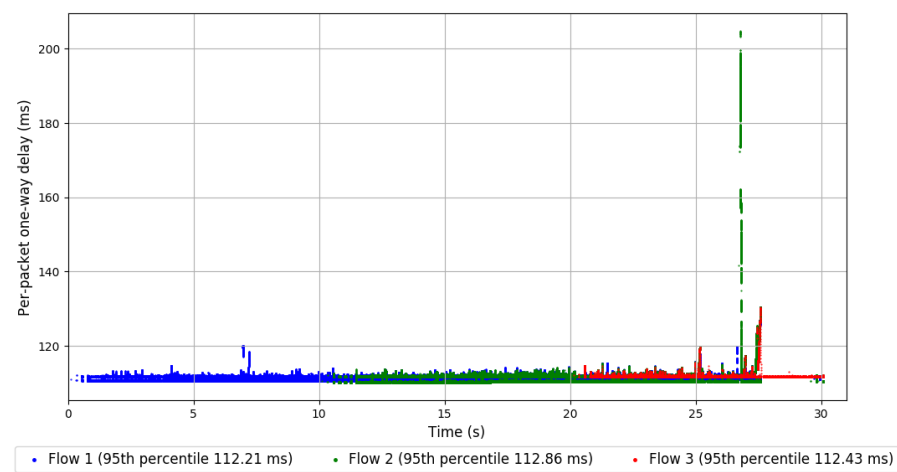
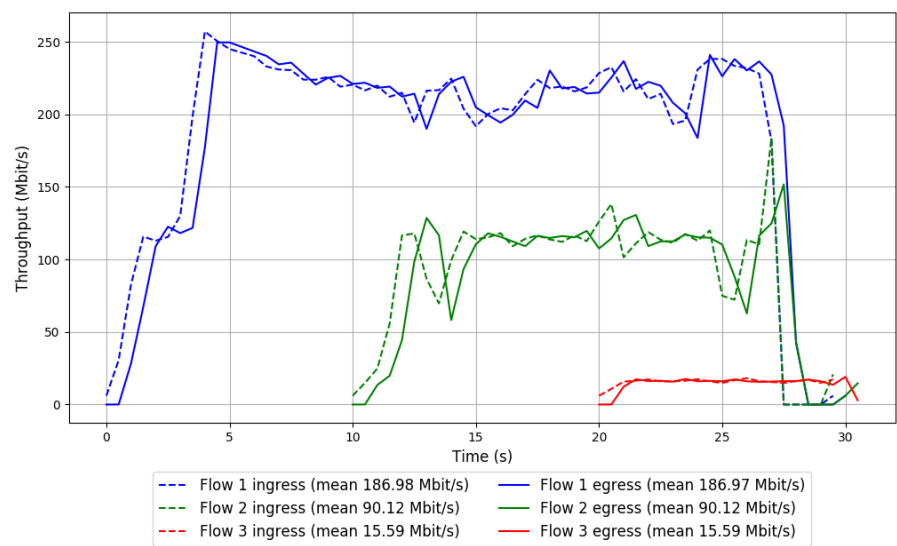


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-03 15:43:02
End at: 2018-07-03 15:43:32
Local clock offset: -0.344 ms
Remote clock offset: -0.137 ms

Below is generated by plot.py at 2018-07-03 21:16:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 251.36 Mbit/s
95th percentile per-packet one-way delay: 112.353 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 186.97 Mbit/s
95th percentile per-packet one-way delay: 112.206 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 112.863 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.59 Mbit/s
95th percentile per-packet one-way delay: 112.427 ms
Loss rate: 0.00%

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

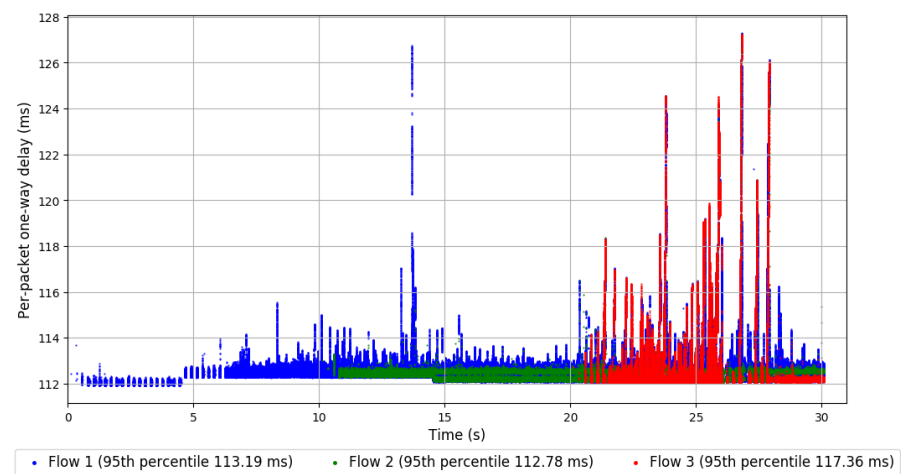
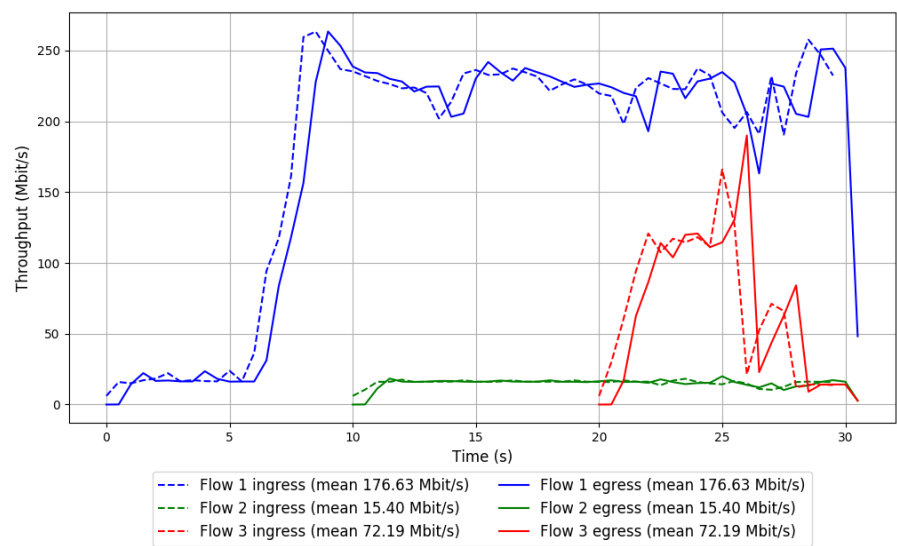


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-03 16:09:25
End at: 2018-07-03 16:09:55
Local clock offset: -1.478 ms
Remote clock offset: -0.575 ms

Below is generated by plot.py at 2018-07-03 21:16:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 210.88 Mbit/s
95th percentile per-packet one-way delay: 113.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 176.63 Mbit/s
95th percentile per-packet one-way delay: 113.190 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.40 Mbit/s
95th percentile per-packet one-way delay: 112.783 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 72.19 Mbit/s
95th percentile per-packet one-way delay: 117.356 ms
Loss rate: 0.00%

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

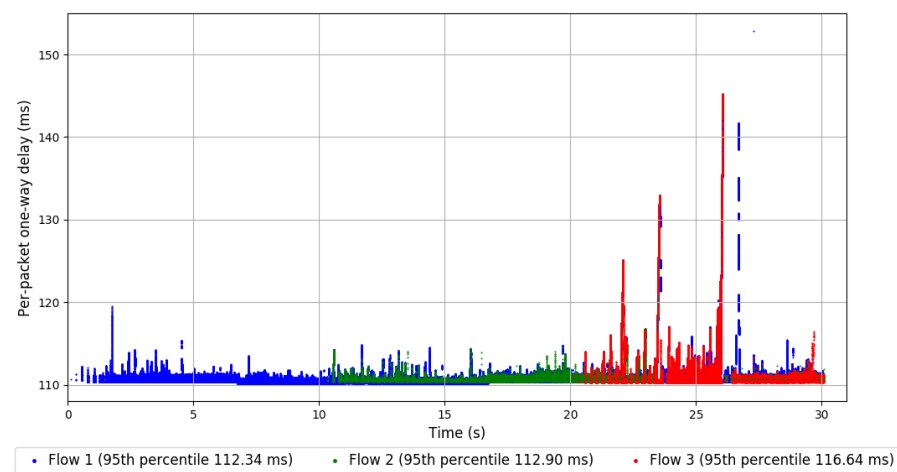
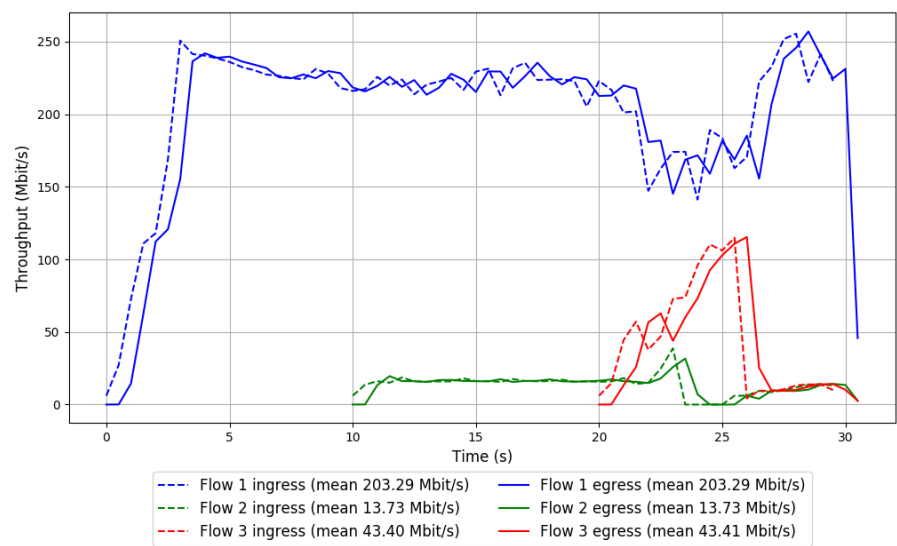


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-03 16:35:12
End at: 2018-07-03 16:35:42
Local clock offset: 0.084 ms
Remote clock offset: -0.617 ms

Below is generated by plot.py at 2018-07-03 21:16:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 226.84 Mbit/s
95th percentile per-packet one-way delay: 112.611 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 203.29 Mbit/s
95th percentile per-packet one-way delay: 112.343 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.73 Mbit/s
95th percentile per-packet one-way delay: 112.899 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.41 Mbit/s
95th percentile per-packet one-way delay: 116.636 ms
Loss rate: 0.00%

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

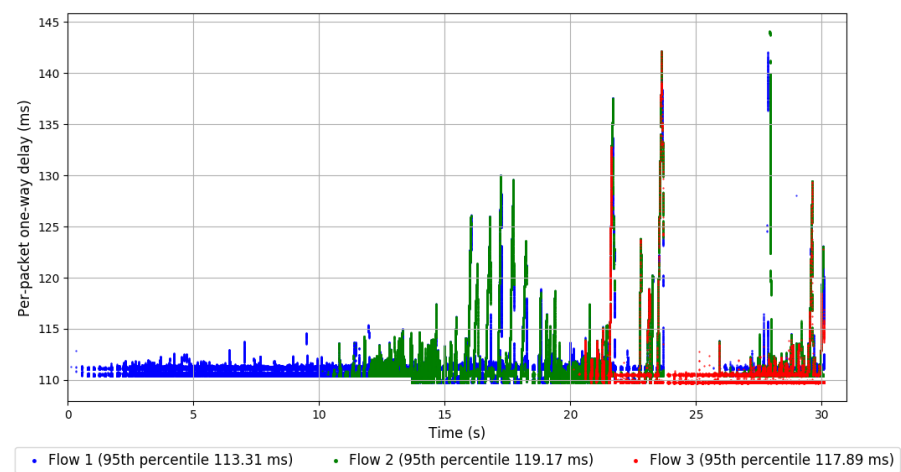
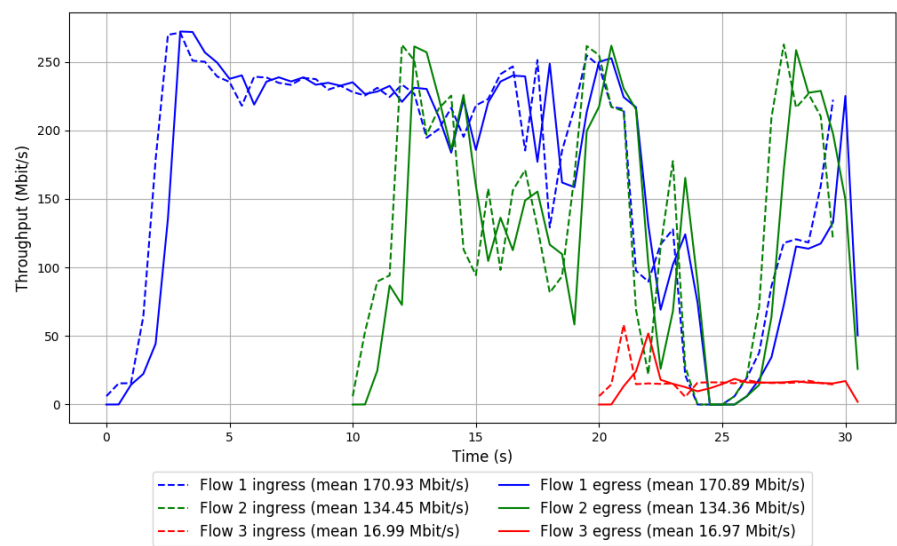


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-03 17:01:26
End at: 2018-07-03 17:01:56
Local clock offset: 0.332 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-03 21:17:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 265.93 Mbit/s
95th percentile per-packet one-way delay: 115.247 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 170.89 Mbit/s
95th percentile per-packet one-way delay: 113.308 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 134.36 Mbit/s
95th percentile per-packet one-way delay: 119.165 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.97 Mbit/s
95th percentile per-packet one-way delay: 117.893 ms
Loss rate: 0.06%

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

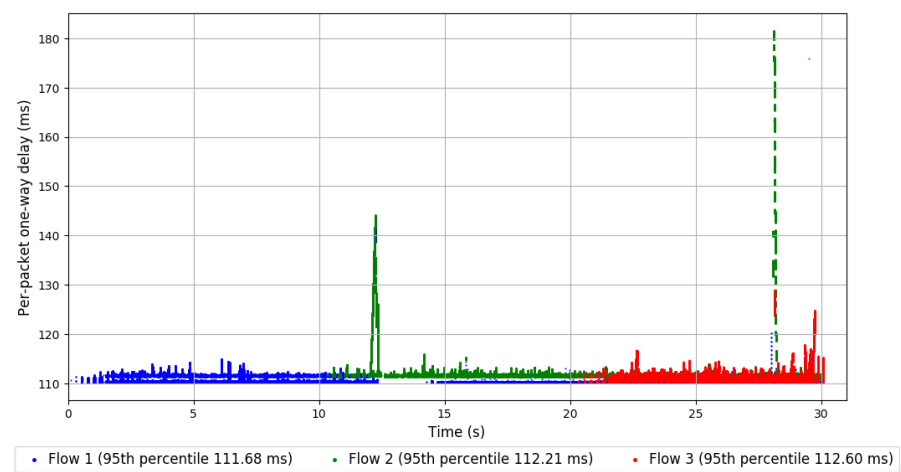
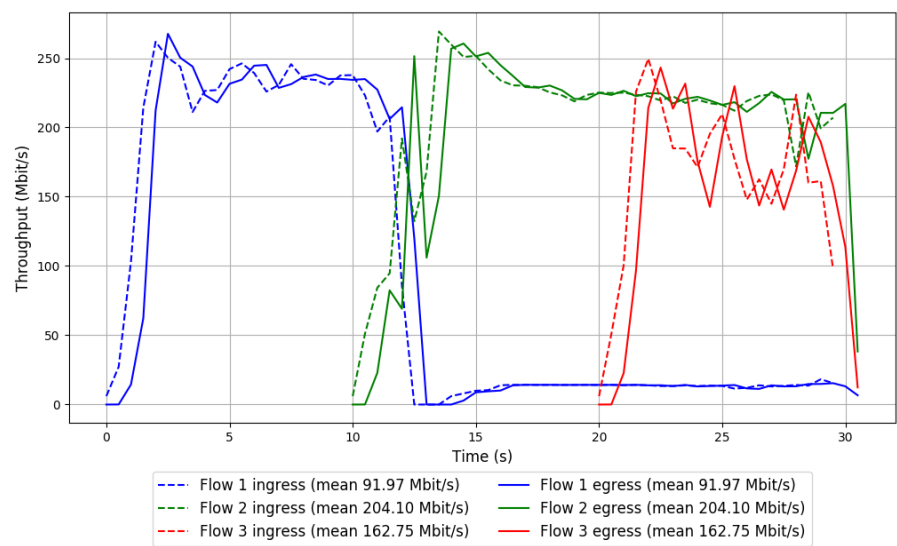


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-03 17:27:28
End at: 2018-07-03 17:27:58
Local clock offset: -0.014 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-07-03 21:22:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 282.02 Mbit/s
95th percentile per-packet one-way delay: 112.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 111.683 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 204.10 Mbit/s
95th percentile per-packet one-way delay: 112.212 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 162.75 Mbit/s
95th percentile per-packet one-way delay: 112.600 ms
Loss rate: 0.00%

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

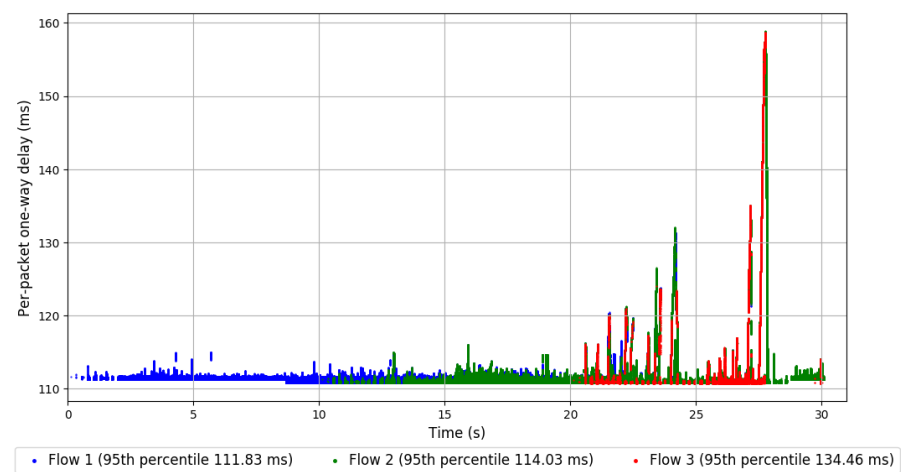
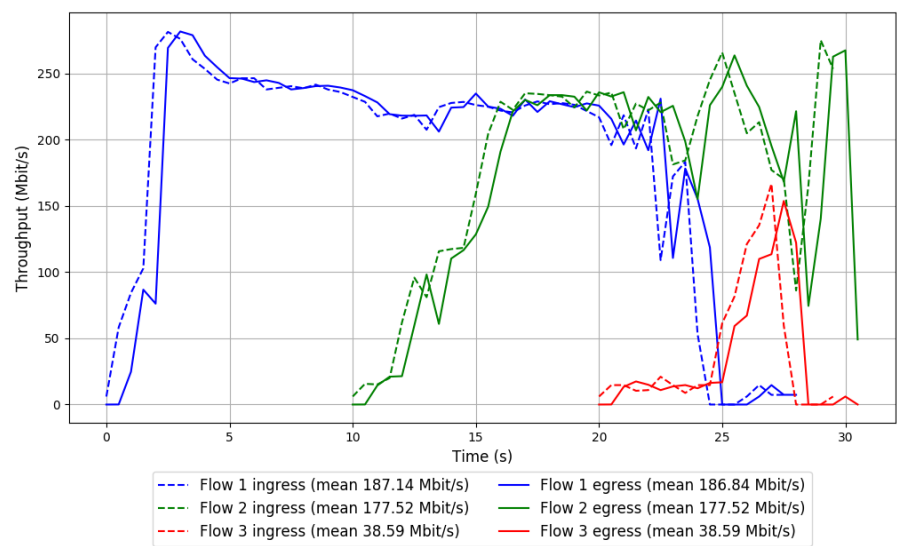


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-03 17:53:40
End at: 2018-07-03 17:54:10
Local clock offset: 0.041 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-03 21:23:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 303.11 Mbit/s
95th percentile per-packet one-way delay: 112.748 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 186.84 Mbit/s
95th percentile per-packet one-way delay: 111.832 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 177.52 Mbit/s
95th percentile per-packet one-way delay: 114.030 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 38.59 Mbit/s
95th percentile per-packet one-way delay: 134.458 ms
Loss rate: 0.00%

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

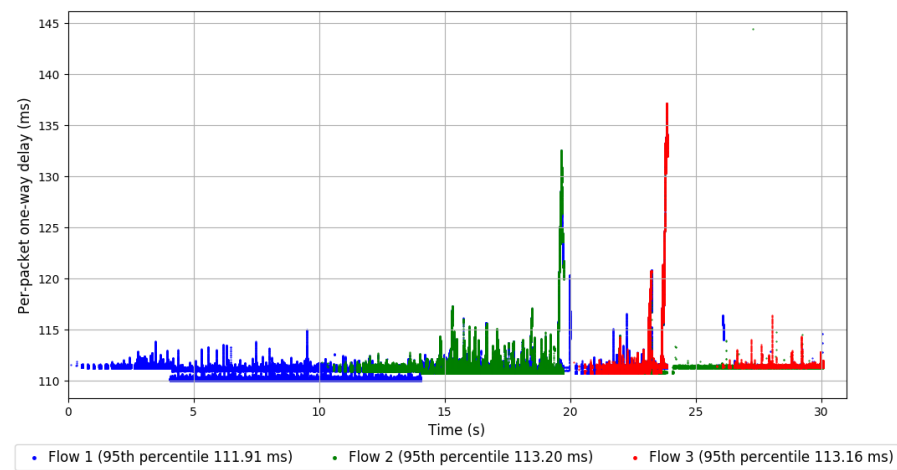
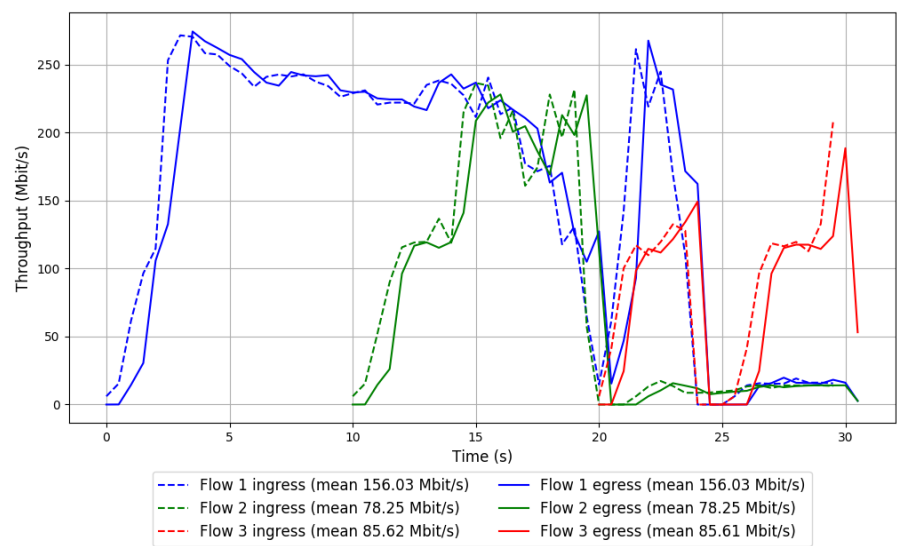


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-03 18:20:55
End at: 2018-07-03 18:21:25
Local clock offset: -0.211 ms
Remote clock offset: -0.552 ms

Below is generated by plot.py at 2018-07-03 21:23:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 236.60 Mbit/s
95th percentile per-packet one-way delay: 112.306 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 156.03 Mbit/s
95th percentile per-packet one-way delay: 111.912 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 78.25 Mbit/s
95th percentile per-packet one-way delay: 113.203 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.61 Mbit/s
95th percentile per-packet one-way delay: 113.163 ms
Loss rate: 0.02%

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

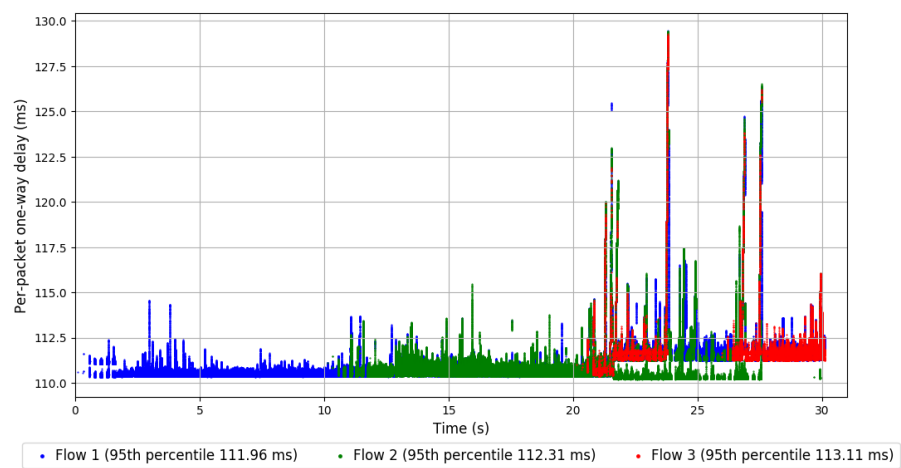
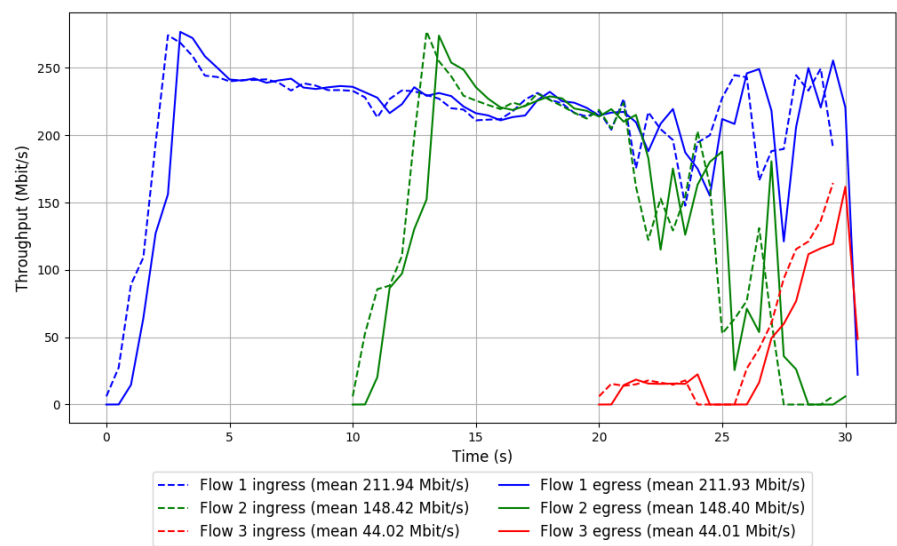


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-03 18:47:48
End at: 2018-07-03 18:48:18
Local clock offset: -0.179 ms
Remote clock offset: -0.173 ms

Below is generated by plot.py at 2018-07-03 21:24:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 324.85 Mbit/s
95th percentile per-packet one-way delay: 112.070 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.93 Mbit/s
95th percentile per-packet one-way delay: 111.963 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 148.40 Mbit/s
95th percentile per-packet one-way delay: 112.311 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.01 Mbit/s
95th percentile per-packet one-way delay: 113.106 ms
Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-07-03 15:05:43

End at: 2018-07-03 15:06:13

Local clock offset: 0.121 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2018-07-03 21:24:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 161.78 Mbit/s

95th percentile per-packet one-way delay: 124.935 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 93.07 Mbit/s

95th percentile per-packet one-way delay: 125.667 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 98.29 Mbit/s

95th percentile per-packet one-way delay: 123.868 ms

Loss rate: 0.00%

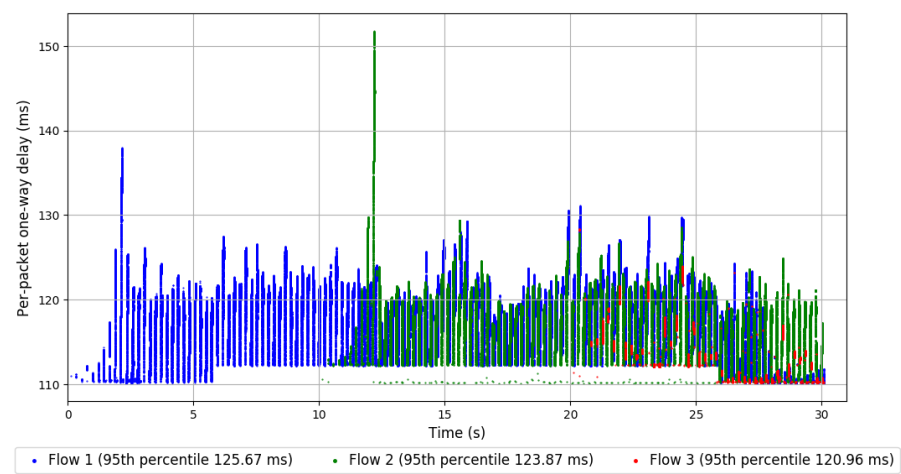
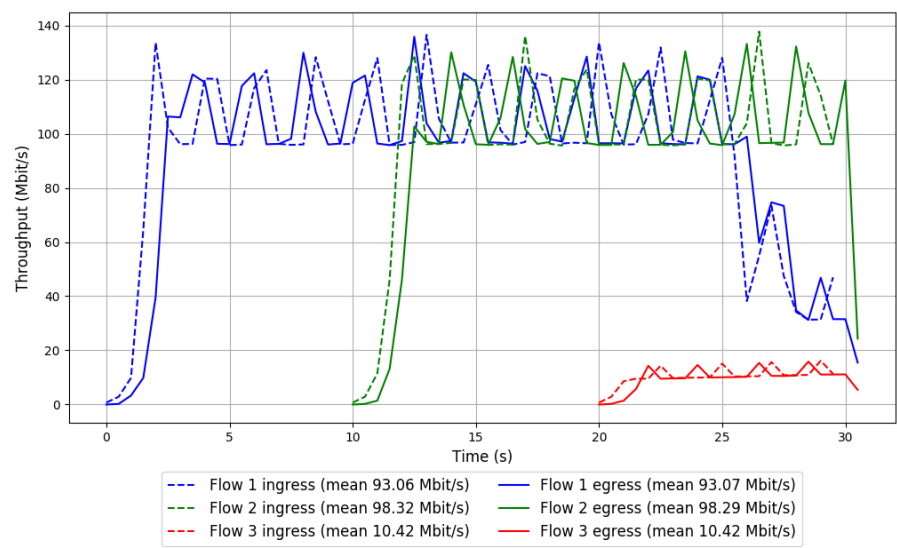
-- Flow 3:

Average throughput: 10.42 Mbit/s

95th percentile per-packet one-way delay: 120.957 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

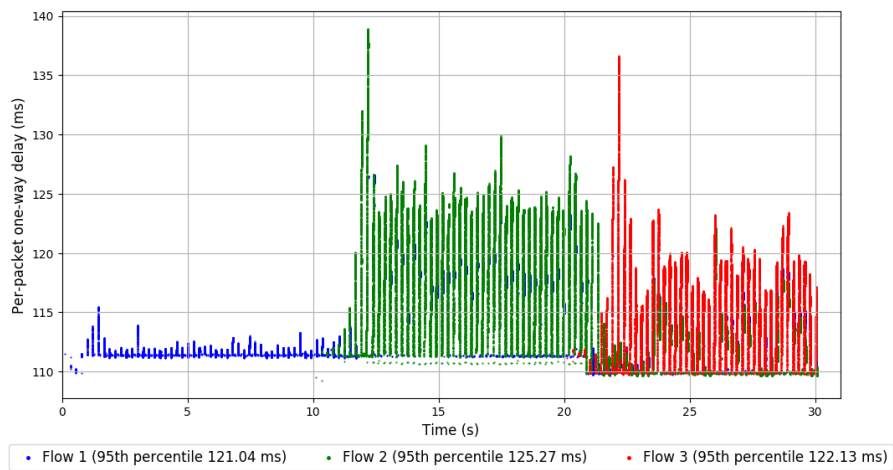
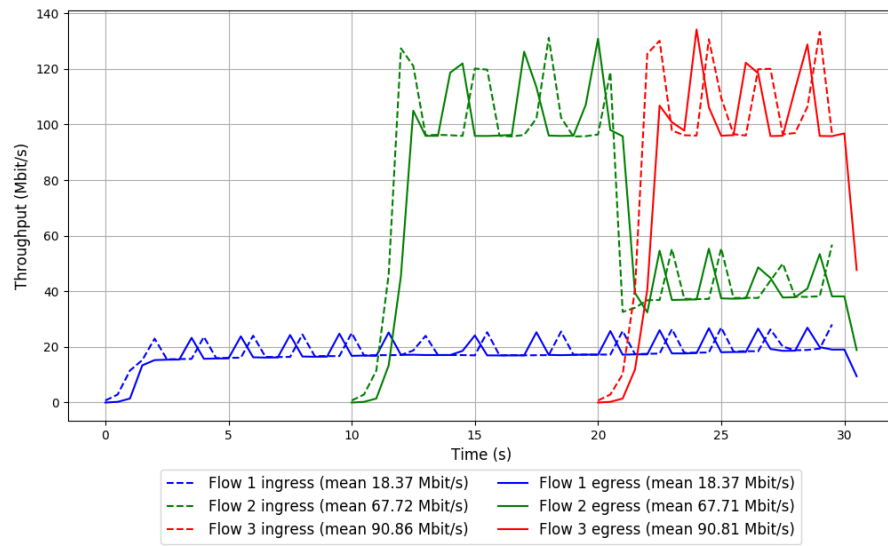


Run 2: Statistics of TCP Vegas

Start at: 2018-07-03 15:31:48
End at: 2018-07-03 15:32:18
Local clock offset: 0.114 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-07-03 21:24:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 124.637 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.37 Mbit/s
95th percentile per-packet one-way delay: 121.043 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.71 Mbit/s
95th percentile per-packet one-way delay: 125.269 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 122.132 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

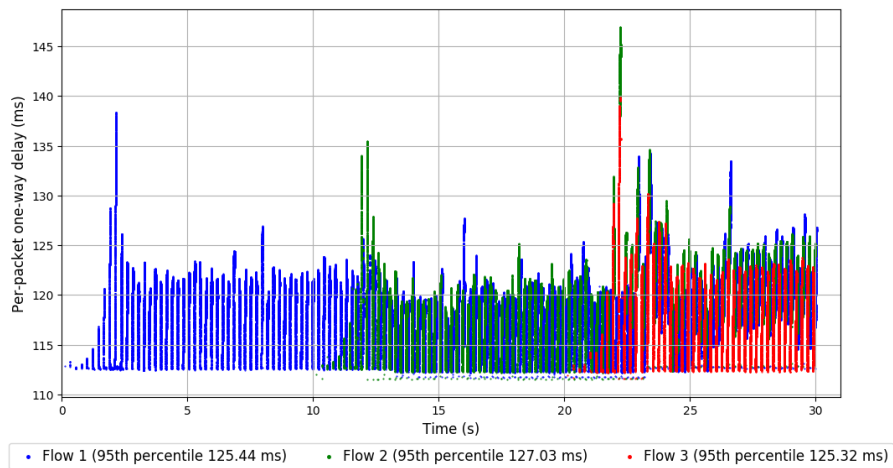
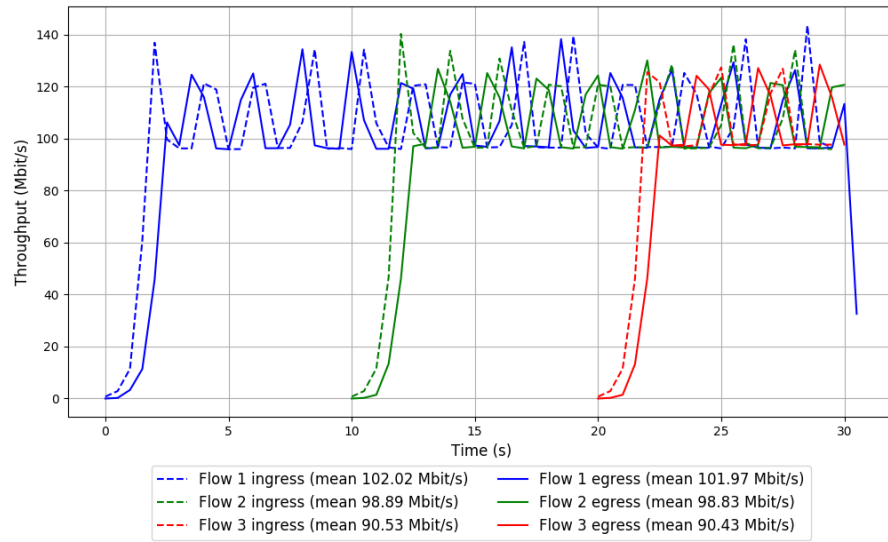


Run 3: Statistics of TCP Vegas

Start at: 2018-07-03 15:57:56
End at: 2018-07-03 15:58:26
Local clock offset: -1.266 ms
Remote clock offset: -0.196 ms

Below is generated by plot.py at 2018-07-03 21:24:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 197.17 Mbit/s
95th percentile per-packet one-way delay: 125.918 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.97 Mbit/s
95th percentile per-packet one-way delay: 125.440 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.83 Mbit/s
95th percentile per-packet one-way delay: 127.035 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.43 Mbit/s
95th percentile per-packet one-way delay: 125.316 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

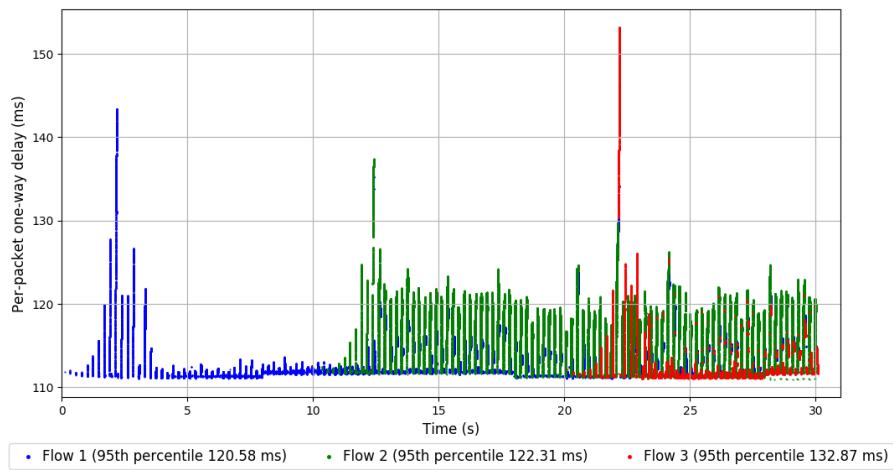
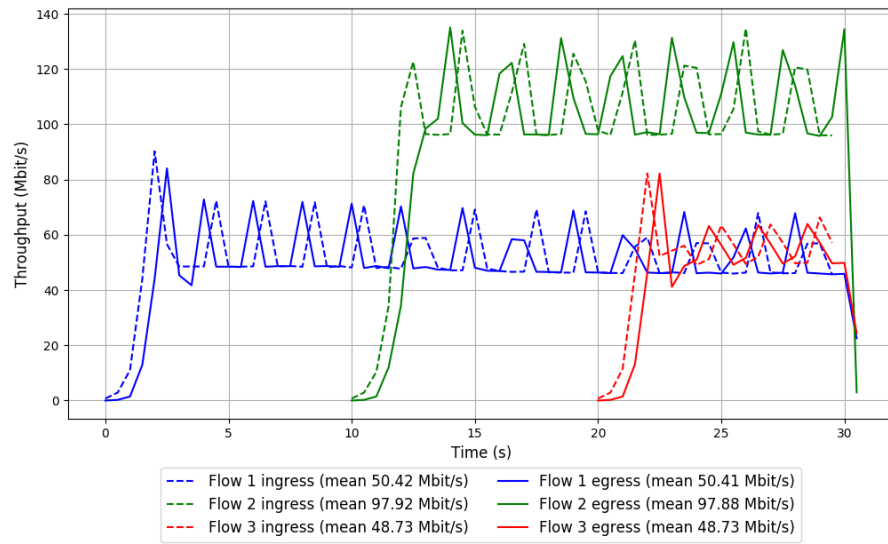


Run 4: Statistics of TCP Vegas

Start at: 2018-07-03 16:24:01
End at: 2018-07-03 16:24:31
Local clock offset: -0.23 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-07-03 21:24:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 131.52 Mbit/s
95th percentile per-packet one-way delay: 122.300 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.41 Mbit/s
95th percentile per-packet one-way delay: 120.581 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.88 Mbit/s
95th percentile per-packet one-way delay: 122.315 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.73 Mbit/s
95th percentile per-packet one-way delay: 132.874 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-07-03 16:49:54

End at: 2018-07-03 16:50:24

Local clock offset: 0.051 ms

Remote clock offset: 0.113 ms

Below is generated by plot.py at 2018-07-03 21:24:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 169.98 Mbit/s

95th percentile per-packet one-way delay: 124.337 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 100.30 Mbit/s

95th percentile per-packet one-way delay: 123.992 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 125.009 ms

Loss rate: 0.22%

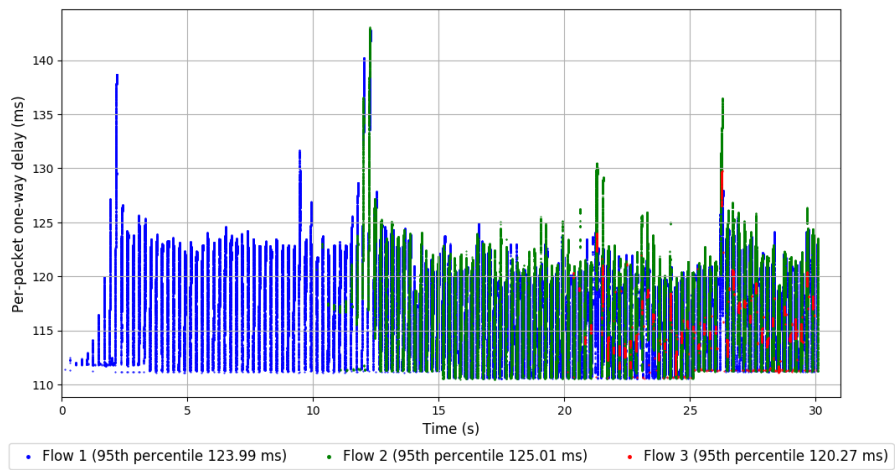
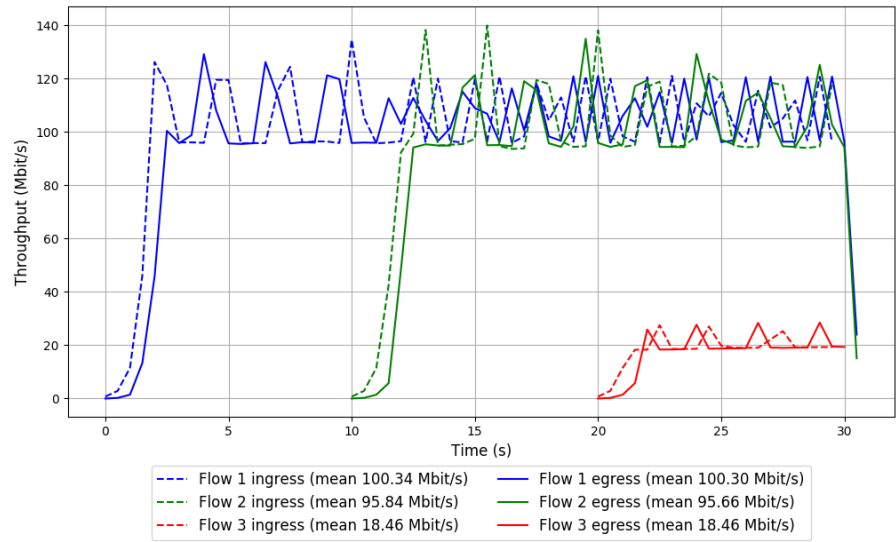
-- Flow 3:

Average throughput: 18.46 Mbit/s

95th percentile per-packet one-way delay: 120.270 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

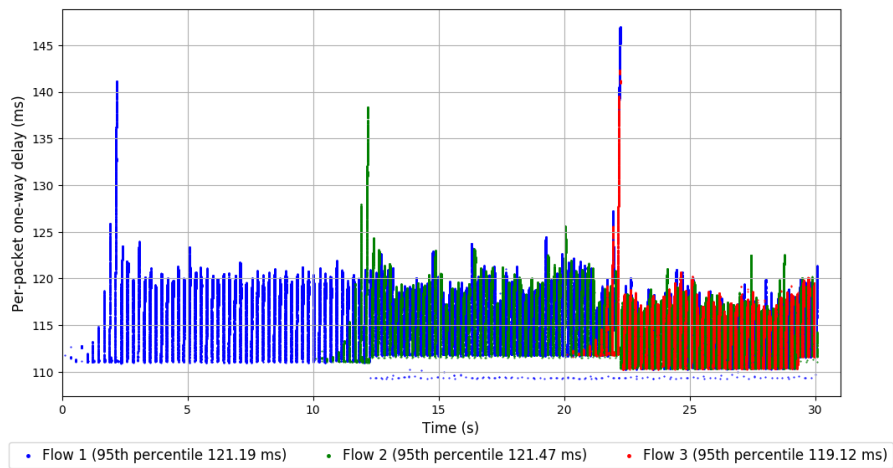
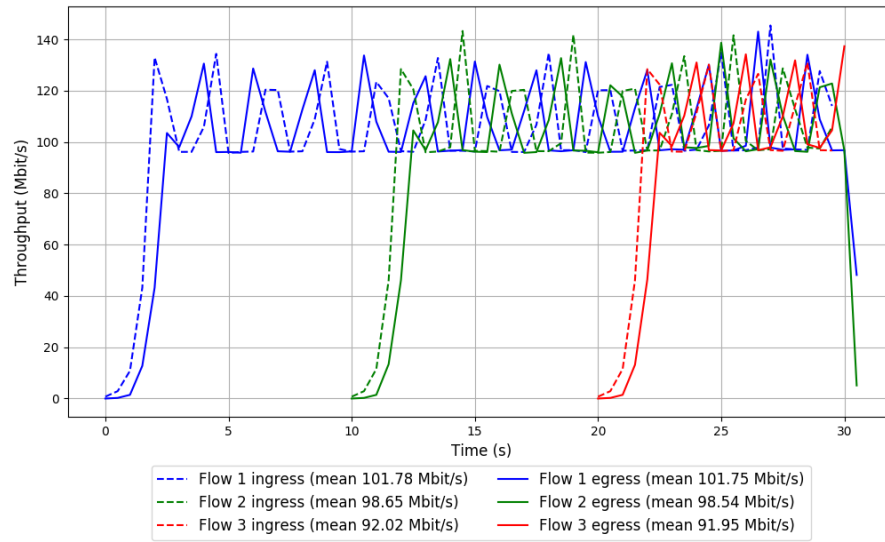


Run 6: Statistics of TCP Vegas

Start at: 2018-07-03 17:16:07
End at: 2018-07-03 17:16:37
Local clock offset: -0.107 ms
Remote clock offset: -0.152 ms

Below is generated by plot.py at 2018-07-03 21:24:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 197.62 Mbit/s
95th percentile per-packet one-way delay: 121.095 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 101.75 Mbit/s
95th percentile per-packet one-way delay: 121.185 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.54 Mbit/s
95th percentile per-packet one-way delay: 121.474 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 91.95 Mbit/s
95th percentile per-packet one-way delay: 119.120 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-07-03 17:42:15

End at: 2018-07-03 17:42:45

Local clock offset: 1.021 ms

Remote clock offset: 0.175 ms

Below is generated by plot.py at 2018-07-03 21:24:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 115.59 Mbit/s

95th percentile per-packet one-way delay: 119.732 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 83.86 Mbit/s

95th percentile per-packet one-way delay: 115.451 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 2.50 Mbit/s

95th percentile per-packet one-way delay: 119.350 ms

Loss rate: 0.53%

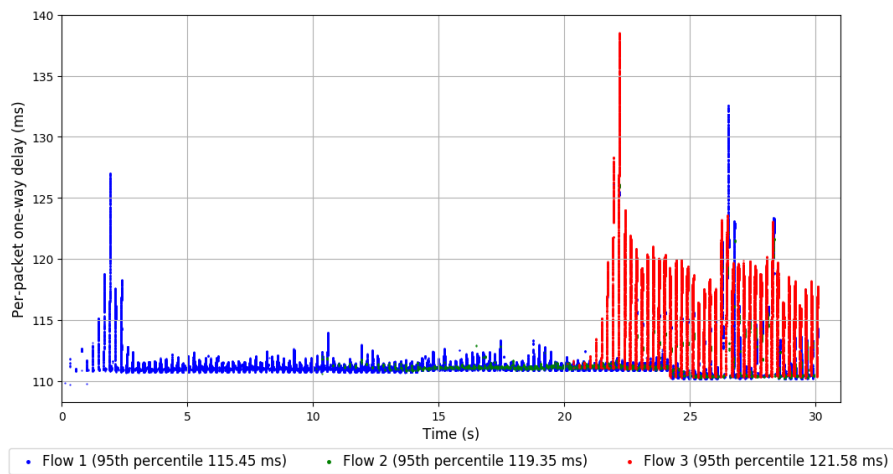
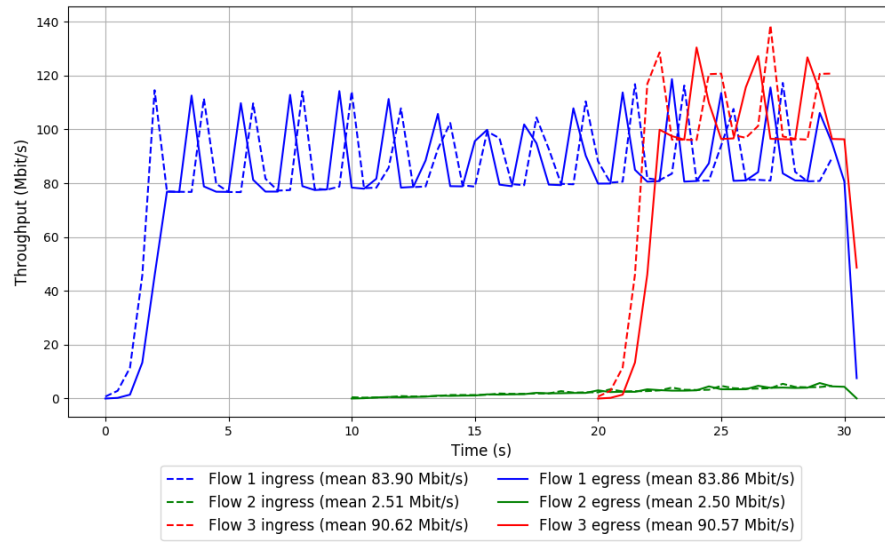
-- Flow 3:

Average throughput: 90.57 Mbit/s

95th percentile per-packet one-way delay: 121.580 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-07-03 18:08:55

End at: 2018-07-03 18:09:25

Local clock offset: -0.203 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2018-07-03 21:24:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 164.24 Mbit/s

95th percentile per-packet one-way delay: 122.463 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 69.36 Mbit/s

95th percentile per-packet one-way delay: 124.785 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 98.24 Mbit/s

95th percentile per-packet one-way delay: 121.198 ms

Loss rate: 0.00%

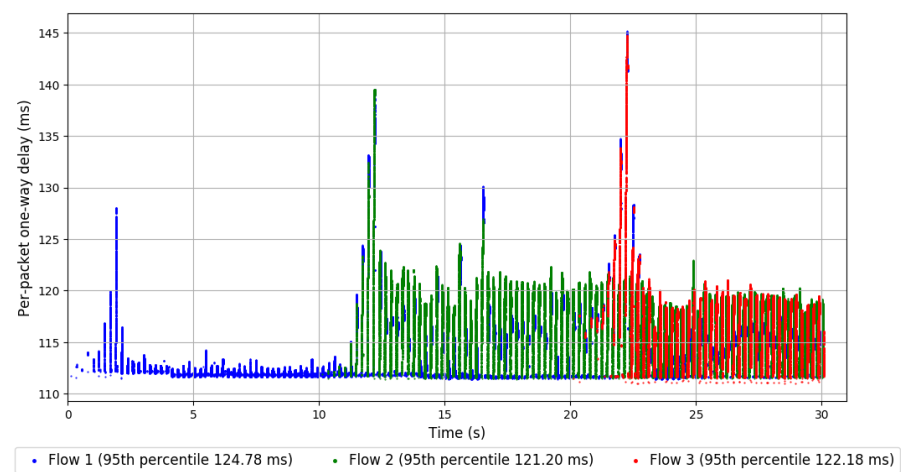
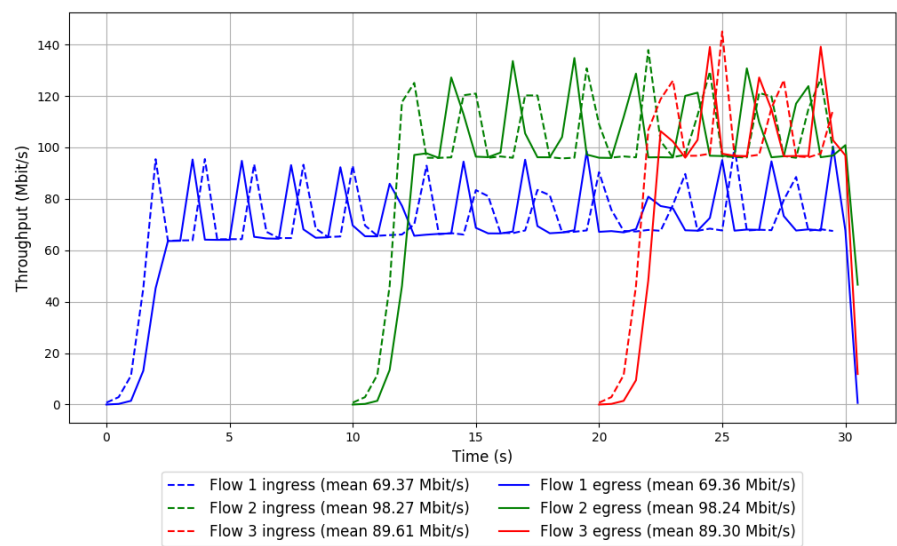
-- Flow 3:

Average throughput: 89.30 Mbit/s

95th percentile per-packet one-way delay: 122.183 ms

Loss rate: 0.33%

Run 8: Report of TCP Vegas — Data Link

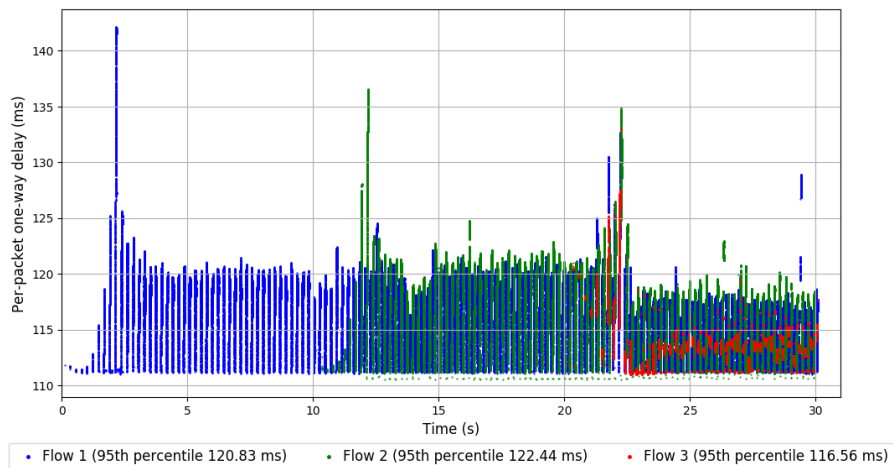
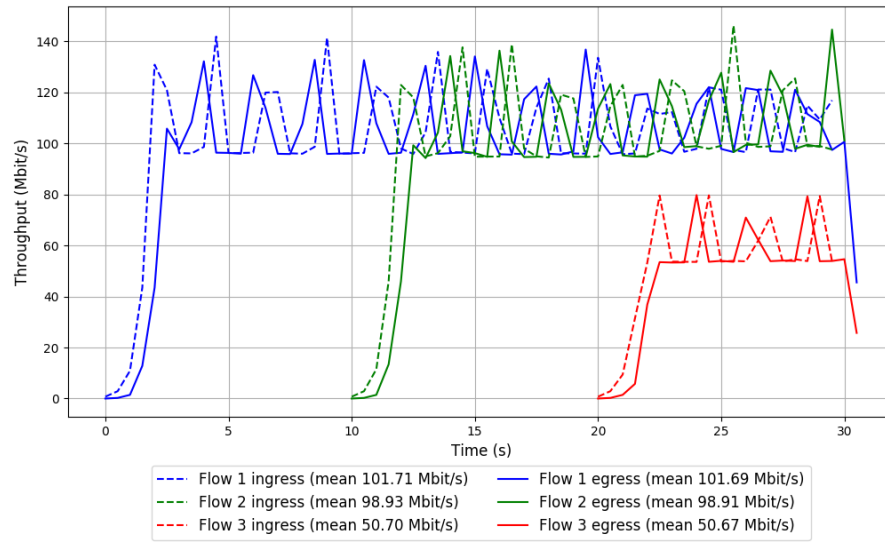


Run 9: Statistics of TCP Vegas

Start at: 2018-07-03 18:36:17
End at: 2018-07-03 18:36:47
Local clock offset: -0.136 ms
Remote clock offset: -0.252 ms

Below is generated by plot.py at 2018-07-03 21:24:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 183.95 Mbit/s
95th percentile per-packet one-way delay: 121.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.69 Mbit/s
95th percentile per-packet one-way delay: 120.828 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.91 Mbit/s
95th percentile per-packet one-way delay: 122.436 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.67 Mbit/s
95th percentile per-packet one-way delay: 116.558 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

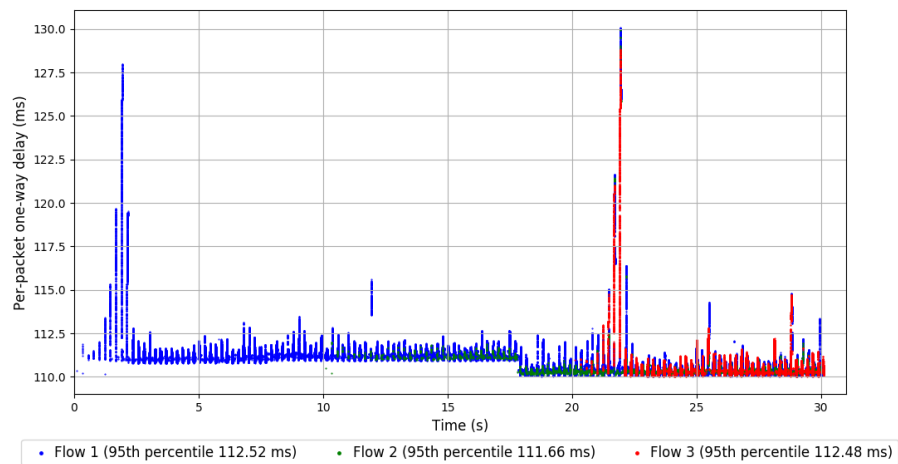
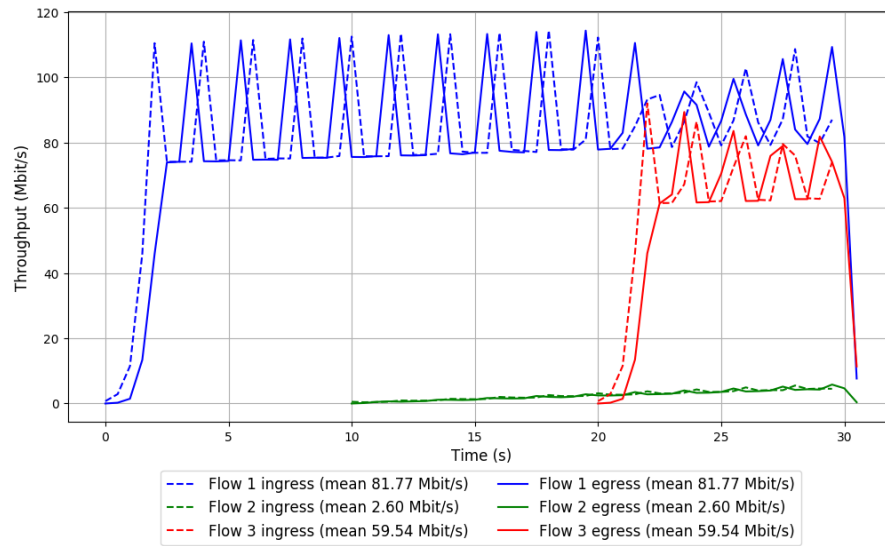


Run 10: Statistics of TCP Vegas

Start at: 2018-07-03 19:02:41
End at: 2018-07-03 19:03:11
Local clock offset: 0.1 ms
Remote clock offset: -0.213 ms

Below is generated by plot.py at 2018-07-03 21:24:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 103.28 Mbit/s
95th percentile per-packet one-way delay: 112.499 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.77 Mbit/s
95th percentile per-packet one-way delay: 112.515 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 111.657 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 59.54 Mbit/s
95th percentile per-packet one-way delay: 112.478 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

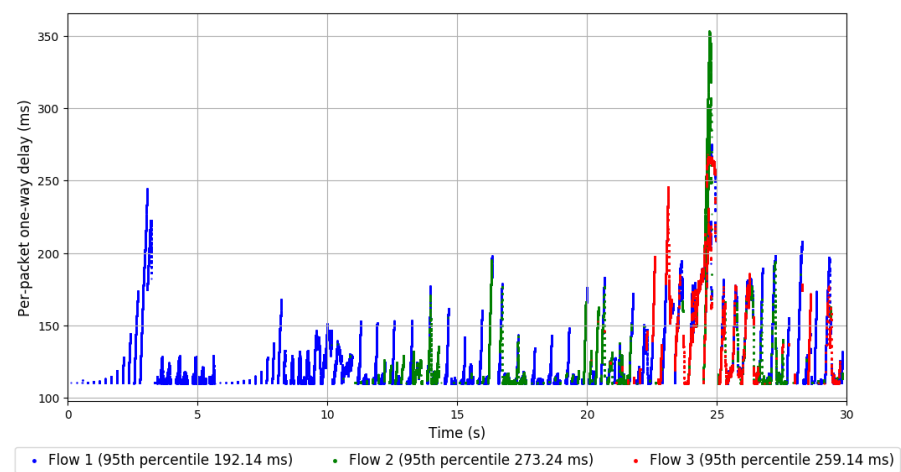
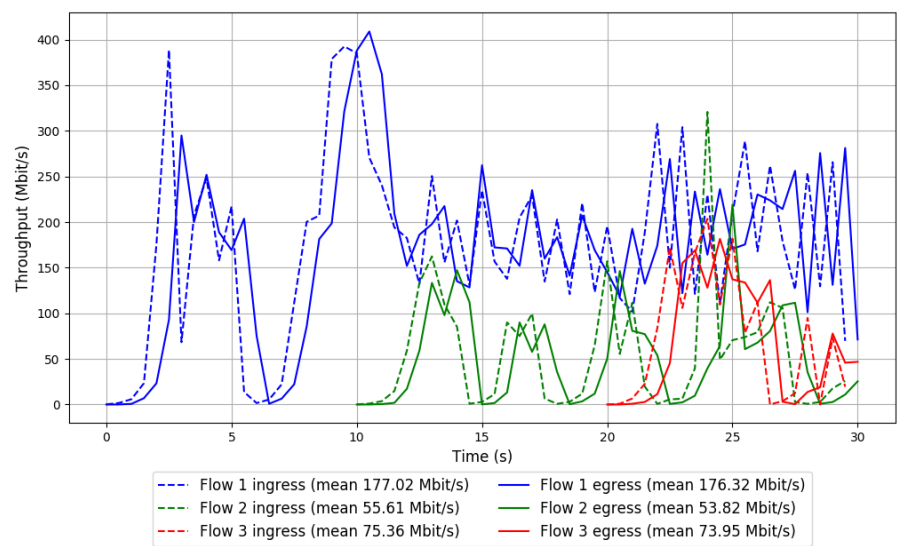


Run 1: Statistics of Verus

Start at: 2018-07-03 15:14:03
End at: 2018-07-03 15:14:33
Local clock offset: -0.002 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-07-03 21:25:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 235.81 Mbit/s
95th percentile per-packet one-way delay: 199.803 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 176.32 Mbit/s
95th percentile per-packet one-way delay: 192.141 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 53.82 Mbit/s
95th percentile per-packet one-way delay: 273.239 ms
Loss rate: 3.36%
-- Flow 3:
Average throughput: 73.95 Mbit/s
95th percentile per-packet one-way delay: 259.137 ms
Loss rate: 1.92%

Run 1: Report of Verus — Data Link

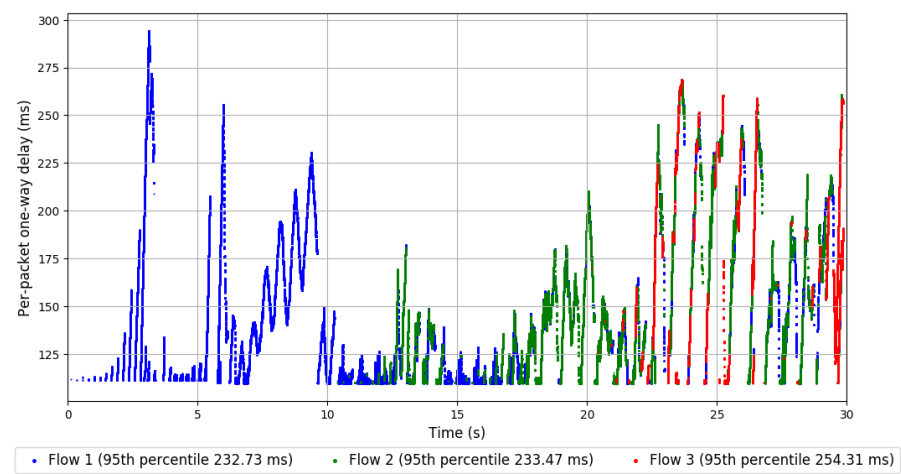
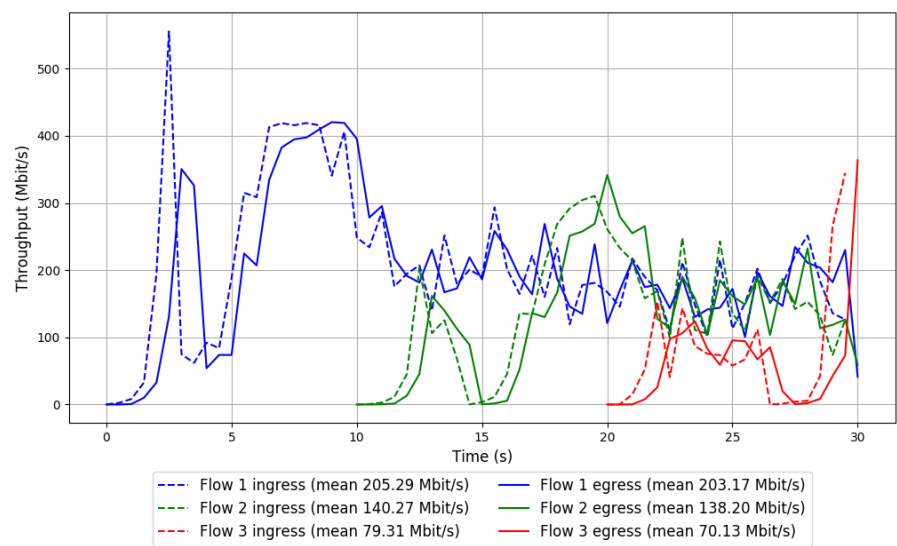


Run 2: Statistics of Verus

Start at: 2018-07-03 15:39:53
End at: 2018-07-03 15:40:23
Local clock offset: -0.189 ms
Remote clock offset: -0.494 ms

Below is generated by plot.py at 2018-07-03 21:27:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 317.46 Mbit/s
95th percentile per-packet one-way delay: 235.180 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 203.17 Mbit/s
95th percentile per-packet one-way delay: 232.728 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 138.20 Mbit/s
95th percentile per-packet one-way delay: 233.465 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 70.13 Mbit/s
95th percentile per-packet one-way delay: 254.313 ms
Loss rate: 12.11%

Run 2: Report of Verus — Data Link

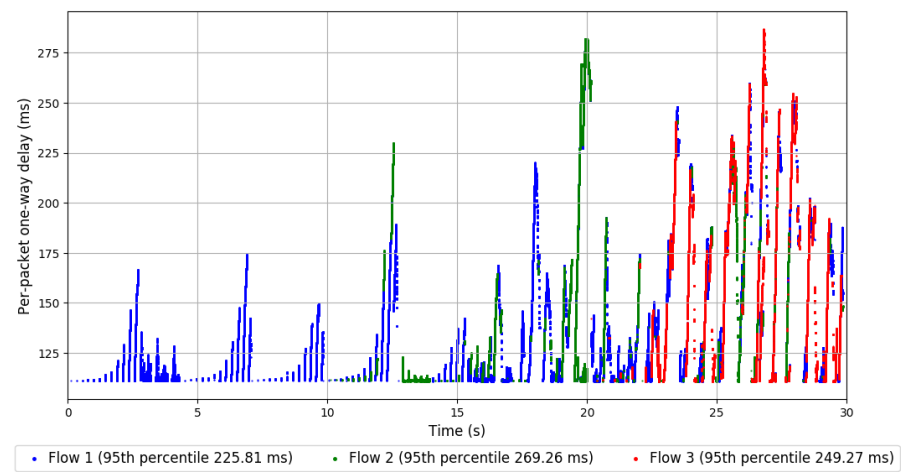
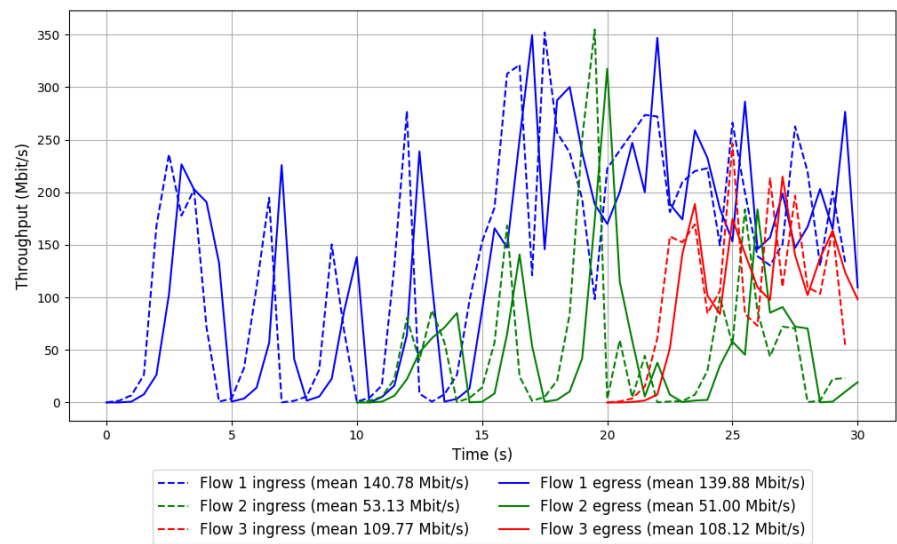


Run 3: Statistics of Verus

Start at: 2018-07-03 16:06:26
End at: 2018-07-03 16:06:56
Local clock offset: 0.085 ms
Remote clock offset: -0.204 ms

```
# Below is generated by plot.py at 2018-07-03 21:27:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 208.73 Mbit/s
95th percentile per-packet one-way delay: 242.183 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 139.88 Mbit/s
95th percentile per-packet one-way delay: 225.813 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 51.00 Mbit/s
95th percentile per-packet one-way delay: 269.261 ms
Loss rate: 3.92%
-- Flow 3:
Average throughput: 108.12 Mbit/s
95th percentile per-packet one-way delay: 249.270 ms
Loss rate: 1.28%
```

Run 3: Report of Verus — Data Link

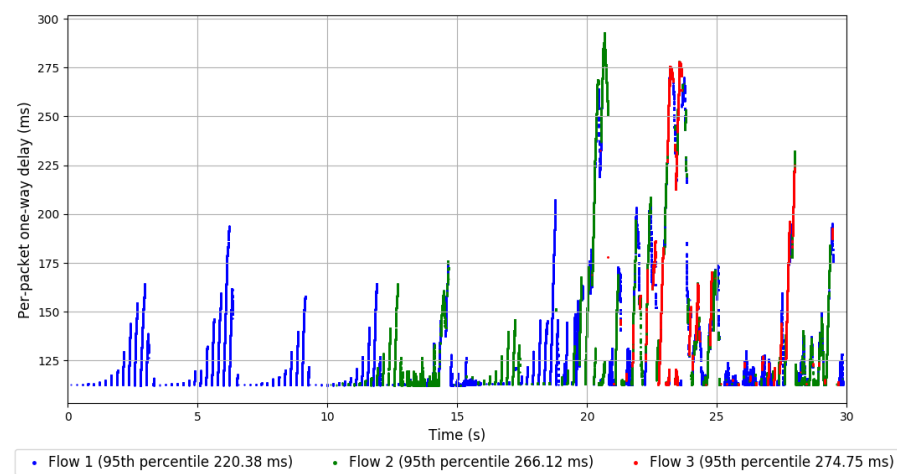
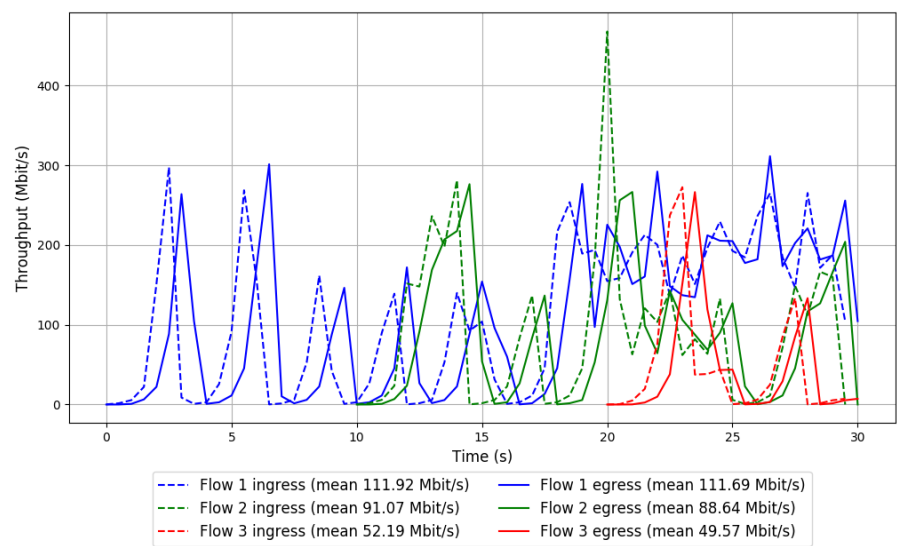


Run 4: Statistics of Verus

Start at: 2018-07-03 16:32:14
End at: 2018-07-03 16:32:44
Local clock offset: -1.237 ms
Remote clock offset: -0.298 ms

Below is generated by plot.py at 2018-07-03 21:27:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 186.25 Mbit/s
95th percentile per-packet one-way delay: 258.593 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 111.69 Mbit/s
95th percentile per-packet one-way delay: 220.379 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 88.64 Mbit/s
95th percentile per-packet one-way delay: 266.117 ms
Loss rate: 2.66%
-- Flow 3:
Average throughput: 49.57 Mbit/s
95th percentile per-packet one-way delay: 274.750 ms
Loss rate: 5.58%

Run 4: Report of Verus — Data Link

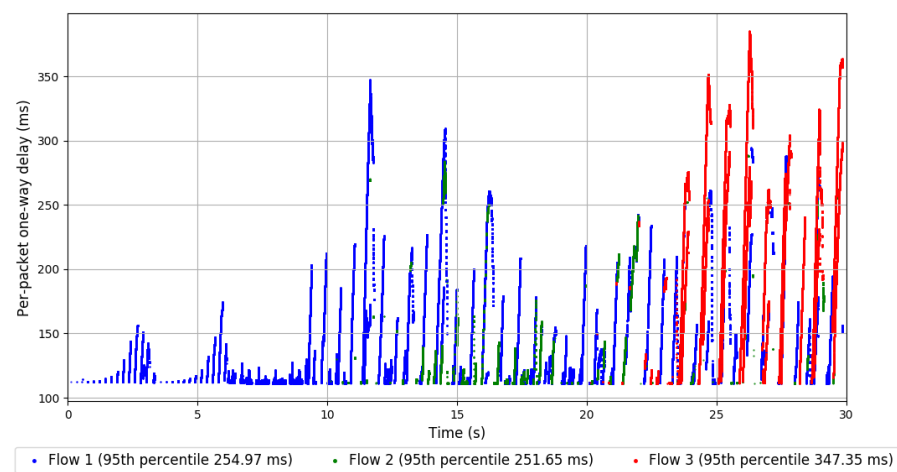
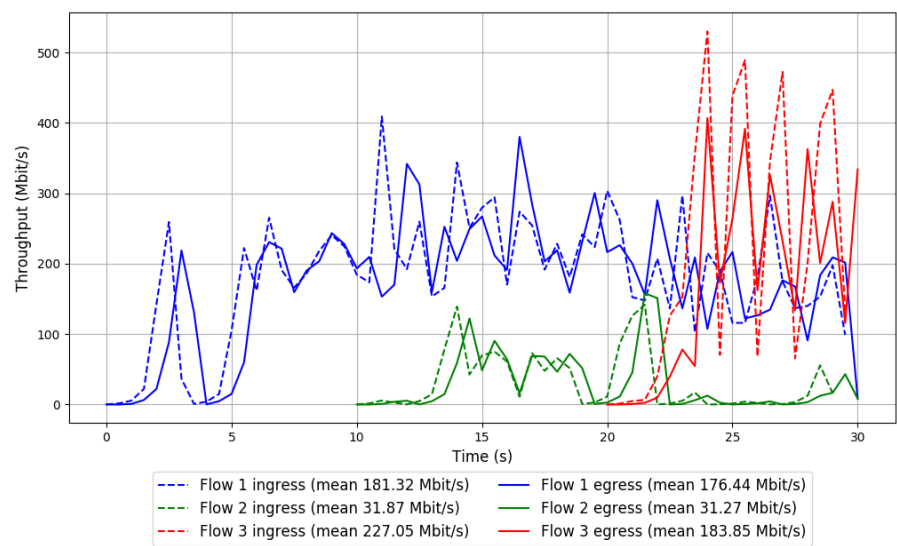


Run 5: Statistics of Verus

Start at: 2018-07-03 16:58:22
End at: 2018-07-03 16:58:52
Local clock offset: -0.211 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2018-07-03 21:27:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 257.11 Mbit/s
95th percentile per-packet one-way delay: 294.773 ms
Loss rate: 6.56%
-- Flow 1:
Average throughput: 176.44 Mbit/s
95th percentile per-packet one-way delay: 254.967 ms
Loss rate: 2.70%
-- Flow 2:
Average throughput: 31.27 Mbit/s
95th percentile per-packet one-way delay: 251.648 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 183.85 Mbit/s
95th percentile per-packet one-way delay: 347.346 ms
Loss rate: 17.68%

Run 5: Report of Verus — Data Link

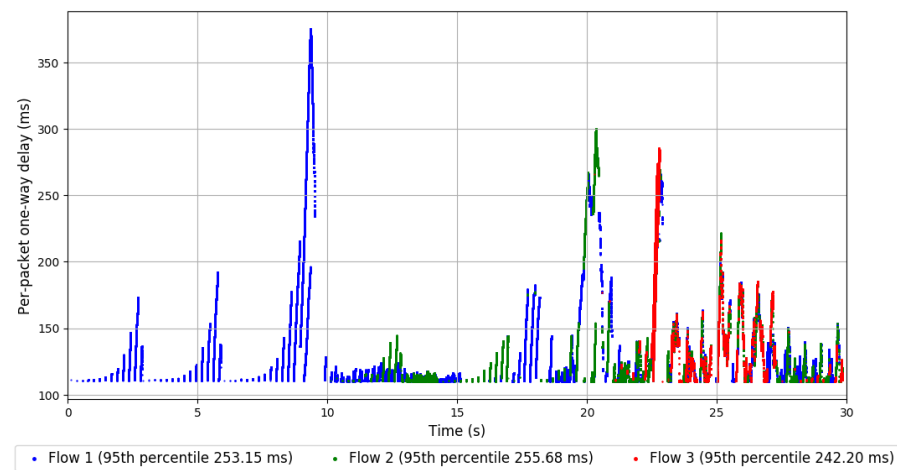
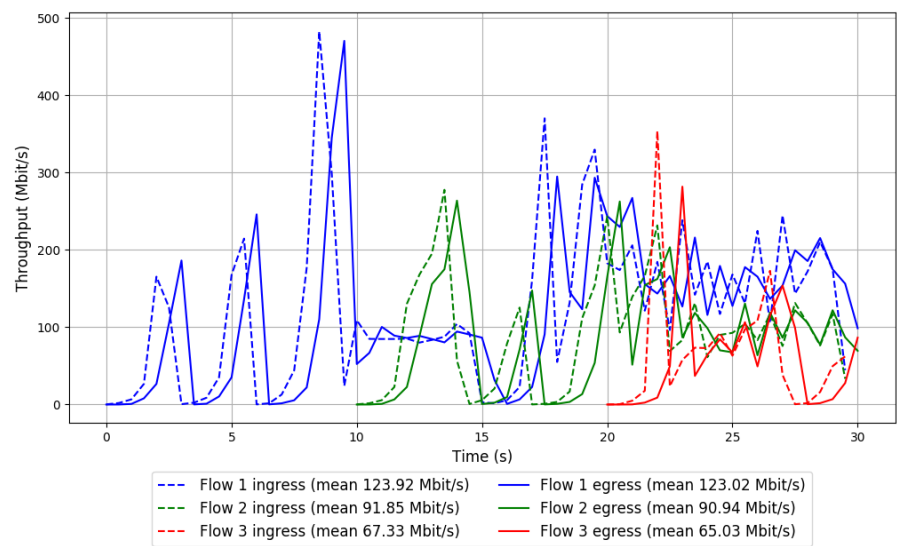


Run 6: Statistics of Verus

Start at: 2018-07-03 17:24:29
End at: 2018-07-03 17:24:59
Local clock offset: 0.329 ms
Remote clock offset: -0.499 ms

Below is generated by plot.py at 2018-07-03 21:27:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 203.68 Mbit/s
95th percentile per-packet one-way delay: 252.518 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 123.02 Mbit/s
95th percentile per-packet one-way delay: 253.150 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 90.94 Mbit/s
95th percentile per-packet one-way delay: 255.679 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 65.03 Mbit/s
95th percentile per-packet one-way delay: 242.201 ms
Loss rate: 4.94%

Run 6: Report of Verus — Data Link

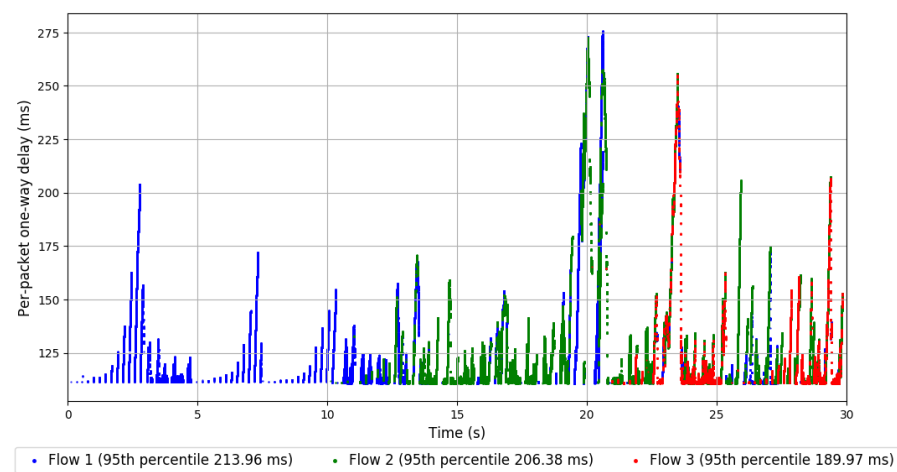
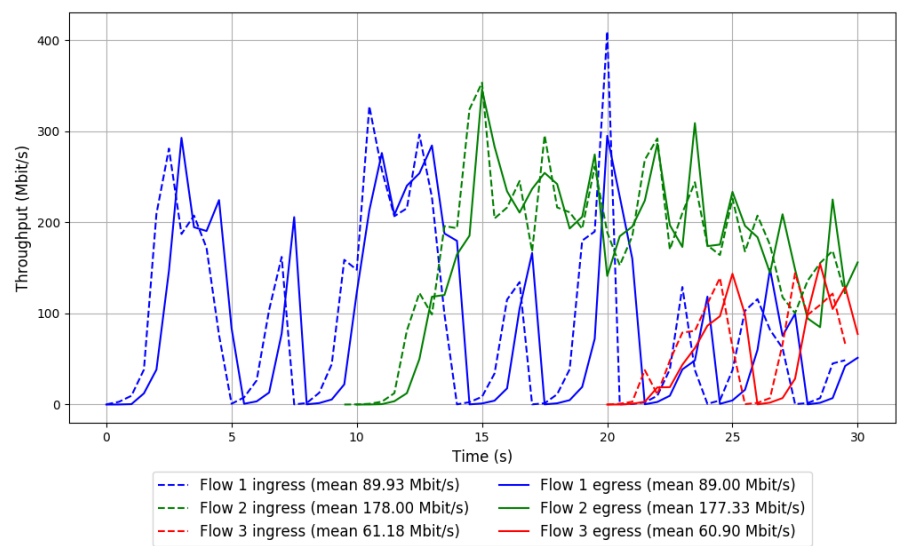


Run 7: Statistics of Verus

Start at: 2018-07-03 17:50:39
End at: 2018-07-03 17:51:09
Local clock offset: 0.009 ms
Remote clock offset: -0.264 ms

Below is generated by plot.py at 2018-07-03 21:27:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 226.38 Mbit/s
95th percentile per-packet one-way delay: 208.883 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 213.958 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 177.33 Mbit/s
95th percentile per-packet one-way delay: 206.375 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 60.90 Mbit/s
95th percentile per-packet one-way delay: 189.970 ms
Loss rate: 1.04%

Run 7: Report of Verus — Data Link

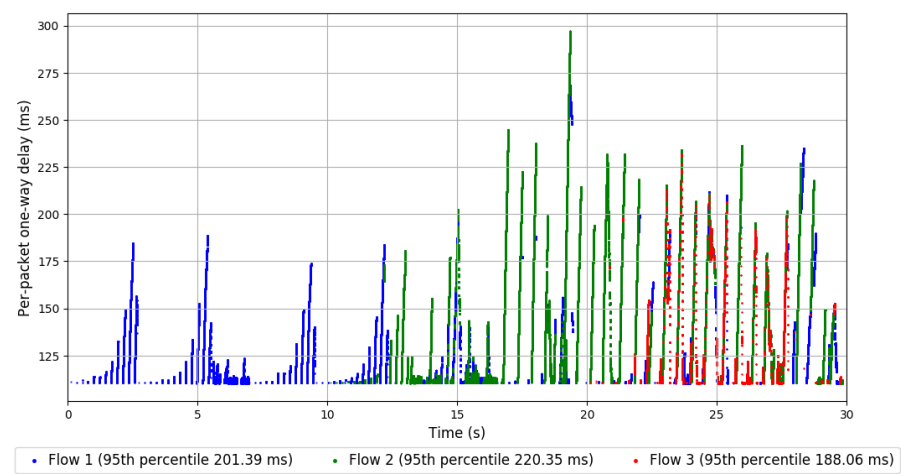
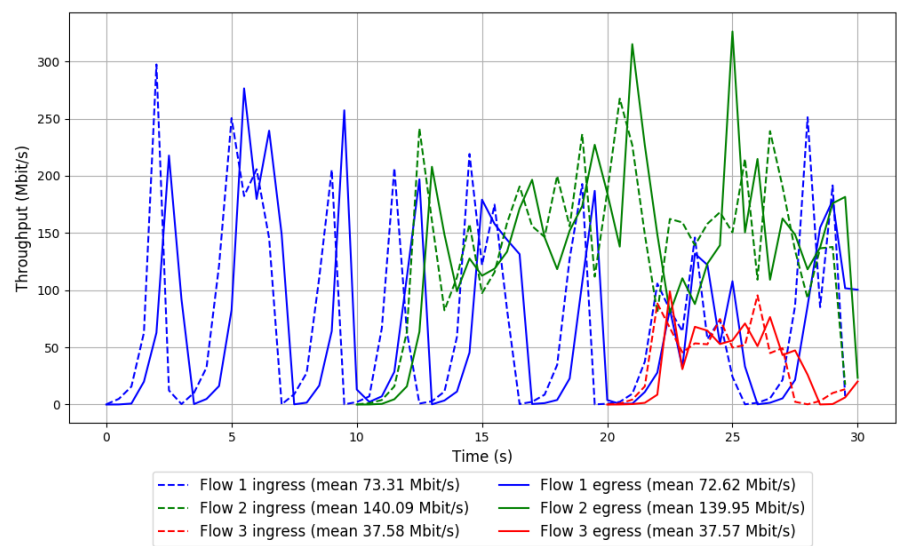


Run 8: Statistics of Verus

Start at: 2018-07-03 18:17:56
End at: 2018-07-03 18:18:26
Local clock offset: 0.223 ms
Remote clock offset: -0.615 ms

Below is generated by plot.py at 2018-07-03 21:27:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 177.23 Mbit/s
95th percentile per-packet one-way delay: 214.335 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 72.62 Mbit/s
95th percentile per-packet one-way delay: 201.386 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 139.95 Mbit/s
95th percentile per-packet one-way delay: 220.355 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 37.57 Mbit/s
95th percentile per-packet one-way delay: 188.063 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

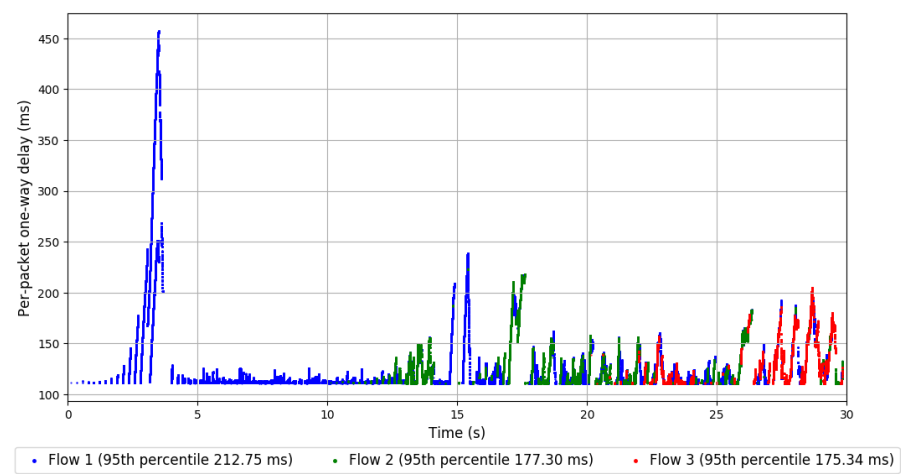
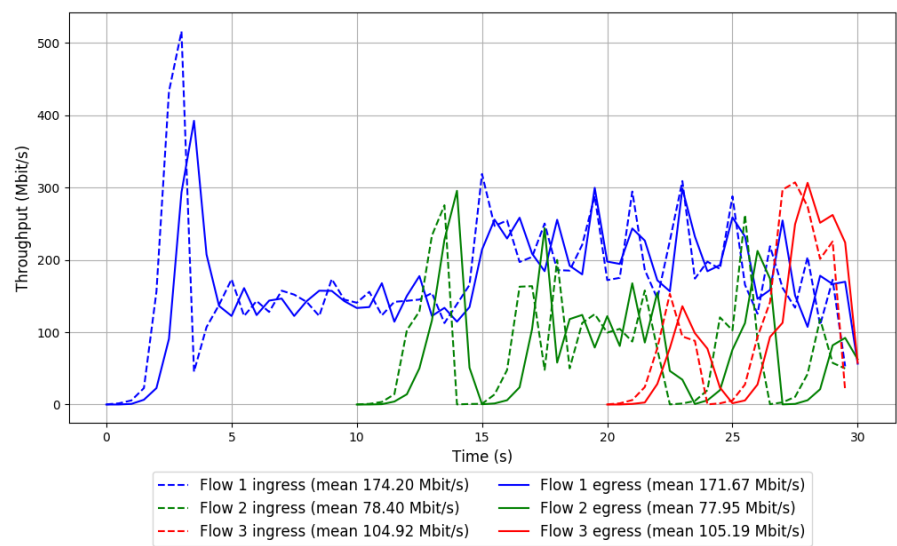


Run 9: Statistics of Verus

Start at: 2018-07-03 18:44:46
End at: 2018-07-03 18:45:16
Local clock offset: 0.074 ms
Remote clock offset: -0.239 ms

```
# Below is generated by plot.py at 2018-07-03 21:29:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 257.65 Mbit/s
95th percentile per-packet one-way delay: 200.009 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 171.67 Mbit/s
95th percentile per-packet one-way delay: 212.755 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 177.297 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 105.19 Mbit/s
95th percentile per-packet one-way delay: 175.339 ms
Loss rate: 0.09%
```


Run 9: Report of Verus — Data Link

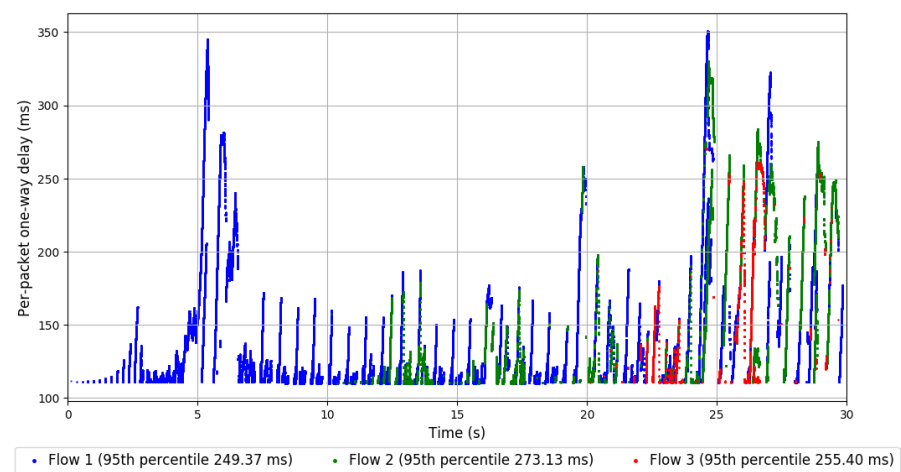
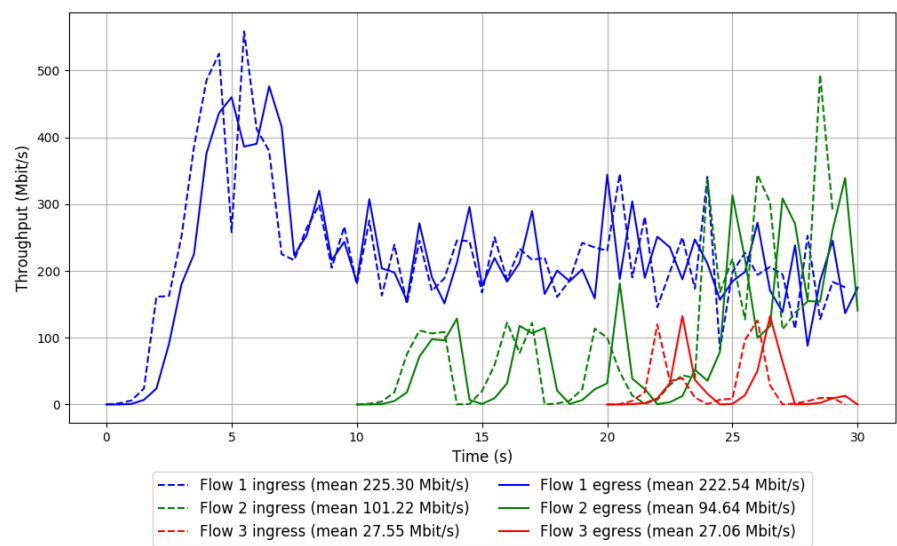


Run 10: Statistics of Verus

Start at: 2018-07-03 19:12:41
End at: 2018-07-03 19:13:11
Local clock offset: -0.033 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2018-07-03 21:29:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 293.33 Mbit/s
95th percentile per-packet one-way delay: 259.512 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 222.54 Mbit/s
95th percentile per-packet one-way delay: 249.374 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 273.128 ms
Loss rate: 6.22%
-- Flow 3:
Average throughput: 27.06 Mbit/s
95th percentile per-packet one-way delay: 255.397 ms
Loss rate: 1.32%

Run 10: Report of Verus — Data Link

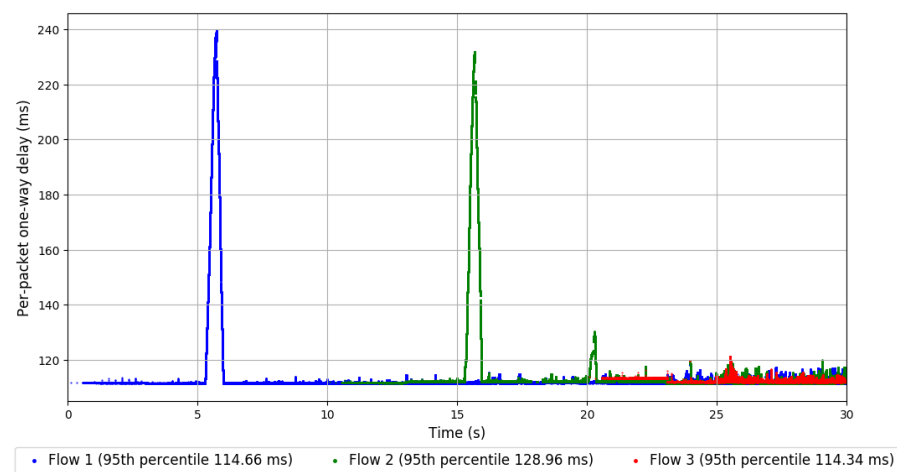
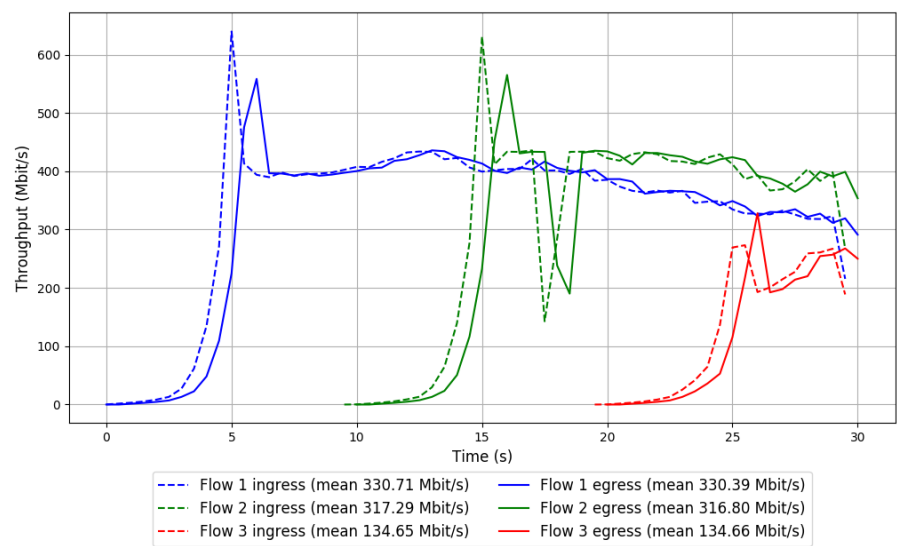


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-03 15:07:06
End at: 2018-07-03 15:07:36
Local clock offset: -1.202 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-07-03 21:35:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 585.77 Mbit/s
95th percentile per-packet one-way delay: 117.237 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 330.39 Mbit/s
95th percentile per-packet one-way delay: 114.663 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 316.80 Mbit/s
95th percentile per-packet one-way delay: 128.955 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 134.66 Mbit/s
95th percentile per-packet one-way delay: 114.340 ms
Loss rate: 0.01%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-07-03 15:33:07

End at: 2018-07-03 15:33:37

Local clock offset: 0.096 ms

Remote clock offset: 0.225 ms

Below is generated by plot.py at 2018-07-03 21:36:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 629.43 Mbit/s

95th percentile per-packet one-way delay: 118.473 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 354.64 Mbit/s

95th percentile per-packet one-way delay: 115.521 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 296.34 Mbit/s

95th percentile per-packet one-way delay: 117.645 ms

Loss rate: 0.00%

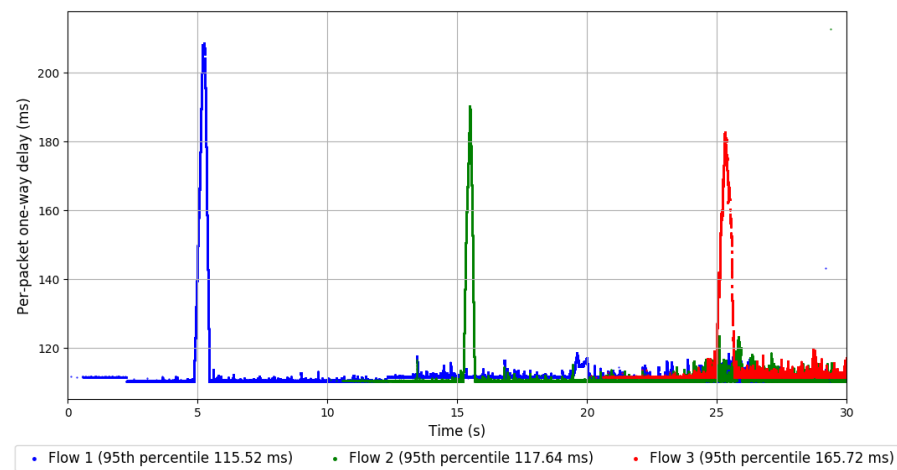
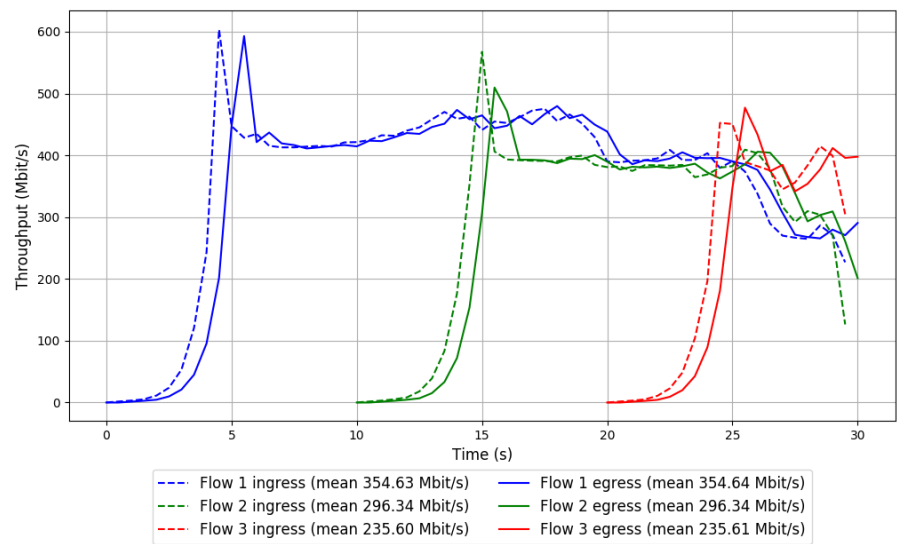
-- Flow 3:

Average throughput: 235.61 Mbit/s

95th percentile per-packet one-way delay: 165.722 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-07-03 15:59:21

End at: 2018-07-03 15:59:51

Local clock offset: -0.037 ms

Remote clock offset: 0.185 ms

Below is generated by plot.py at 2018-07-03 21:36:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 590.06 Mbit/s

95th percentile per-packet one-way delay: 159.191 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 351.88 Mbit/s

95th percentile per-packet one-way delay: 166.009 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 283.17 Mbit/s

95th percentile per-packet one-way delay: 144.664 ms

Loss rate: 0.00%

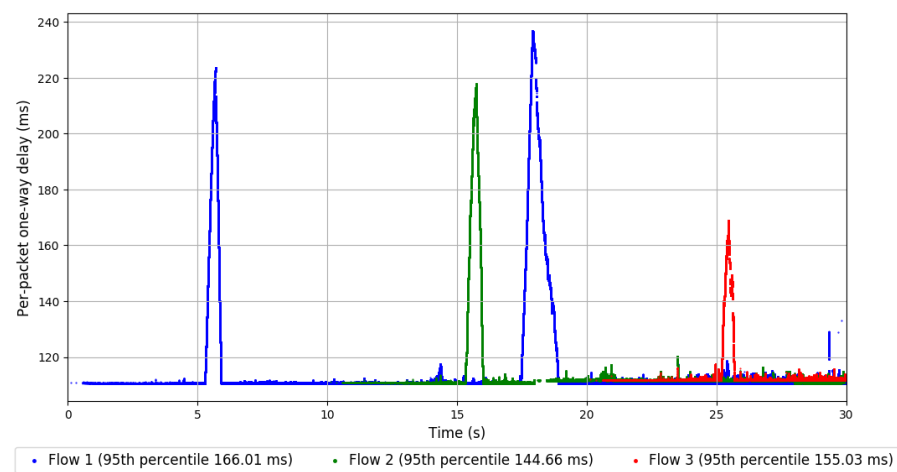
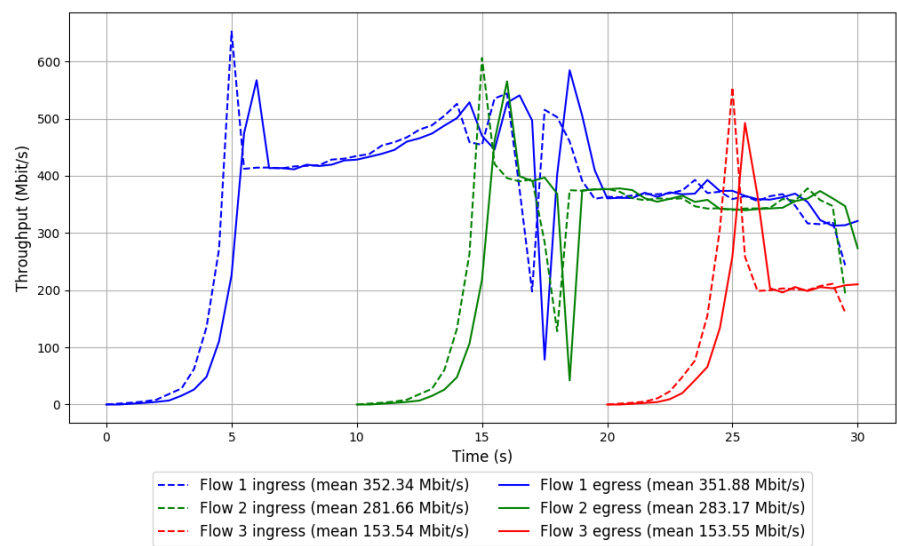
-- Flow 3:

Average throughput: 153.55 Mbit/s

95th percentile per-packet one-way delay: 155.030 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

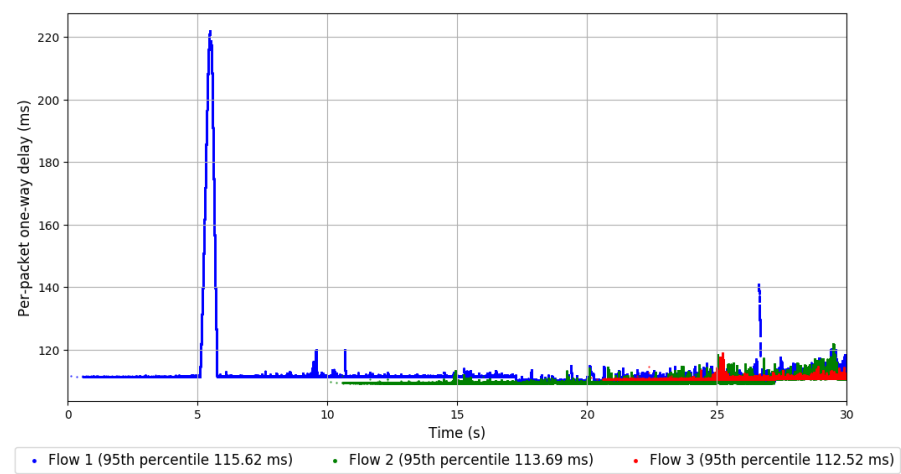
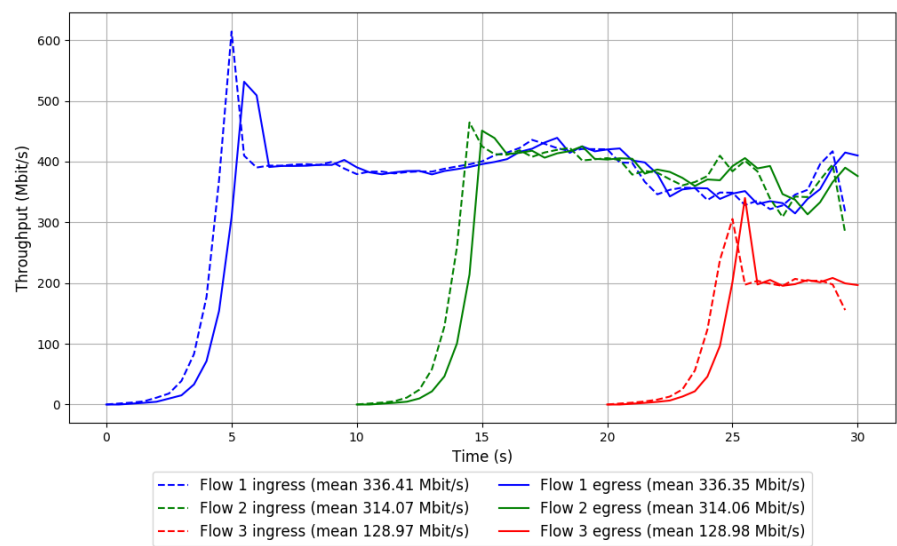


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-03 16:25:22
End at: 2018-07-03 16:25:52
Local clock offset: -0.203 ms
Remote clock offset: -0.568 ms

Below is generated by plot.py at 2018-07-03 21:36:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 587.75 Mbit/s
95th percentile per-packet one-way delay: 114.381 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 336.35 Mbit/s
95th percentile per-packet one-way delay: 115.622 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 314.06 Mbit/s
95th percentile per-packet one-way delay: 113.692 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 128.98 Mbit/s
95th percentile per-packet one-way delay: 112.520 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

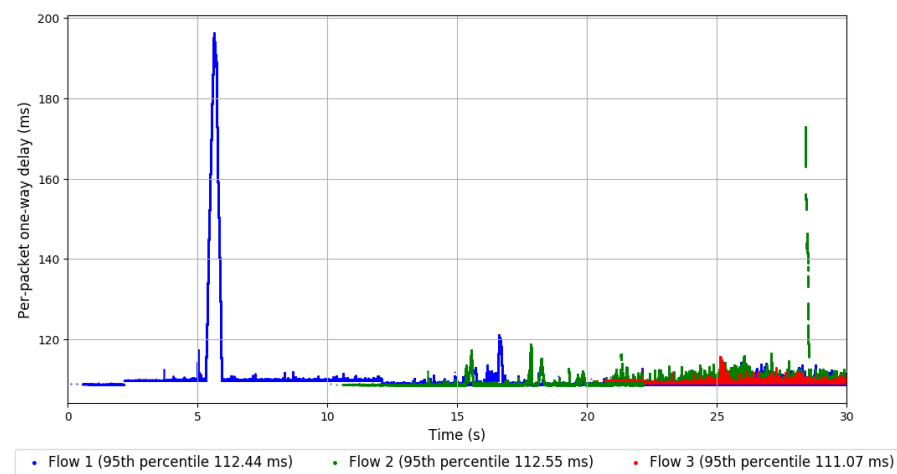
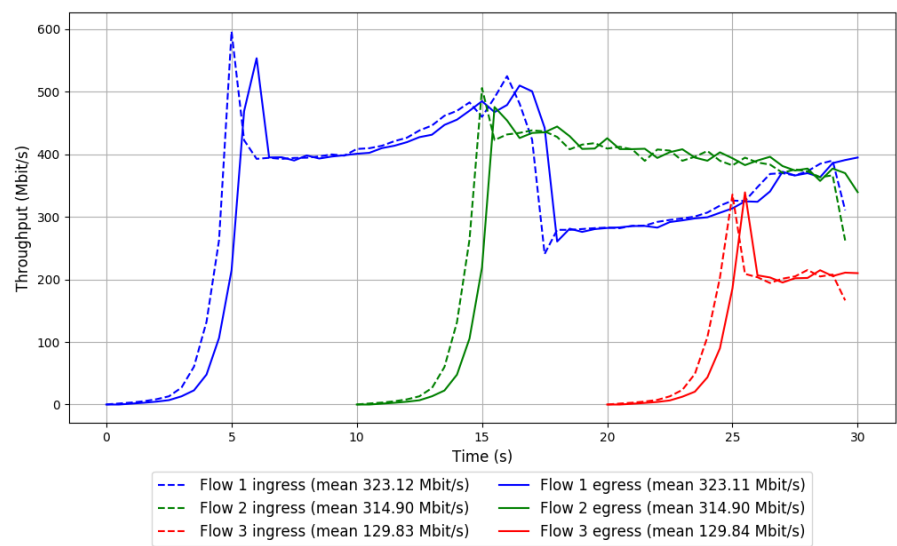


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-03 16:51:17
End at: 2018-07-03 16:51:47
Local clock offset: 1.261 ms
Remote clock offset: -0.595 ms

Below is generated by plot.py at 2018-07-03 21:36:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 575.22 Mbit/s
95th percentile per-packet one-way delay: 112.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 323.11 Mbit/s
95th percentile per-packet one-way delay: 112.436 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 314.90 Mbit/s
95th percentile per-packet one-way delay: 112.550 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 129.84 Mbit/s
95th percentile per-packet one-way delay: 111.072 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

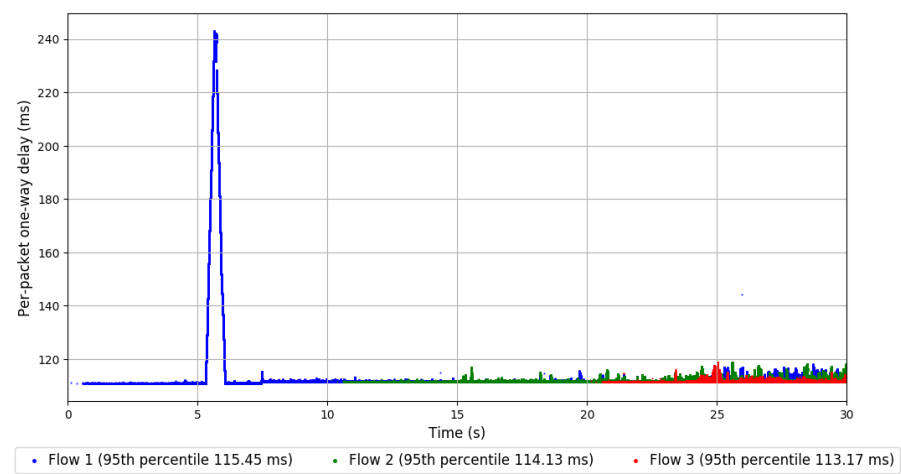
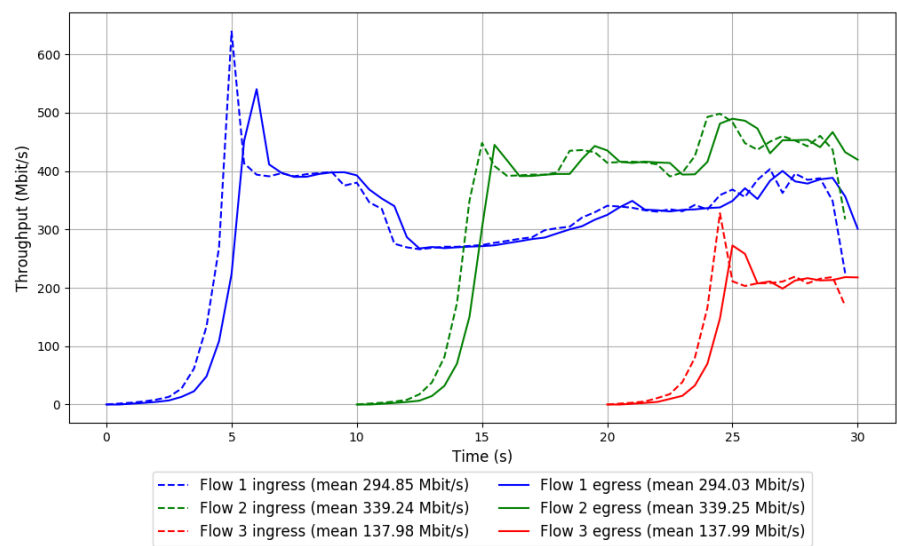


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-03 17:17:32
End at: 2018-07-03 17:18:02
Local clock offset: -0.069 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-07-03 21:36:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 564.98 Mbit/s
95th percentile per-packet one-way delay: 114.349 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 294.03 Mbit/s
95th percentile per-packet one-way delay: 115.446 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 339.25 Mbit/s
95th percentile per-packet one-way delay: 114.131 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 137.99 Mbit/s
95th percentile per-packet one-way delay: 113.169 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

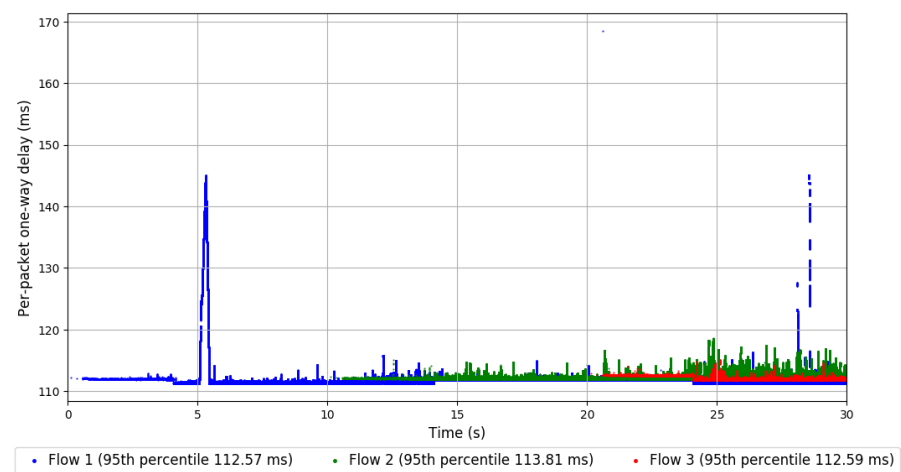
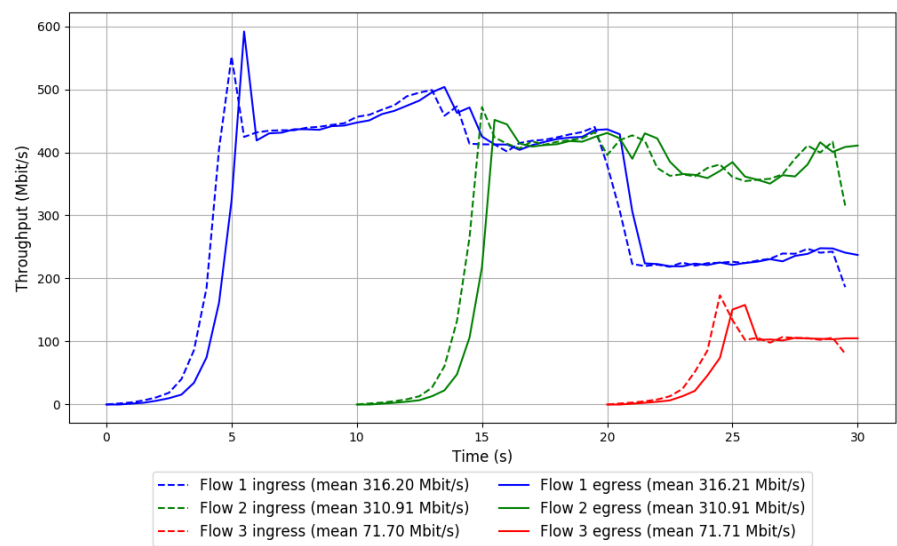


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-03 17:43:35
End at: 2018-07-03 17:44:05
Local clock offset: -1.034 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-07-03 21:37:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 546.63 Mbit/s
95th percentile per-packet one-way delay: 113.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 316.21 Mbit/s
95th percentile per-packet one-way delay: 112.573 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 310.91 Mbit/s
95th percentile per-packet one-way delay: 113.805 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.71 Mbit/s
95th percentile per-packet one-way delay: 112.587 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

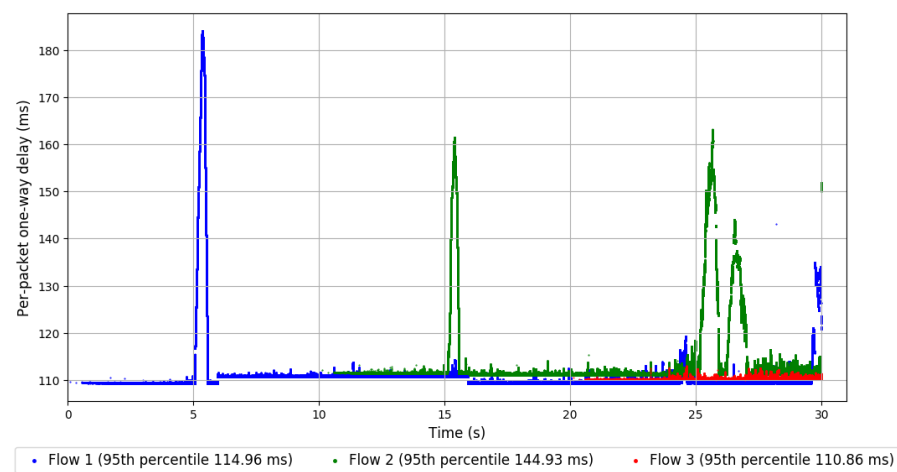
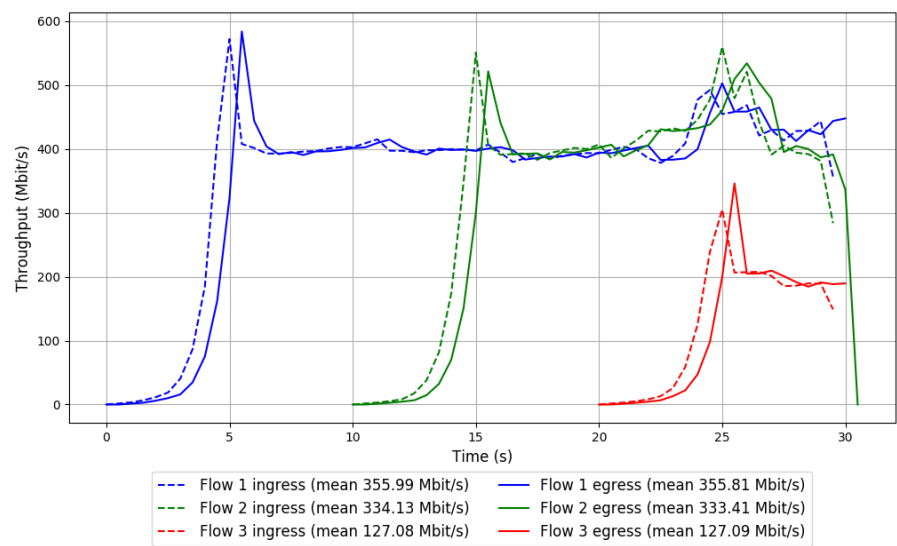


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-03 18:10:33
End at: 2018-07-03 18:11:03
Local clock offset: 0.013 ms
Remote clock offset: -0.227 ms

Below is generated by plot.py at 2018-07-03 21:38:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 619.42 Mbit/s
95th percentile per-packet one-way delay: 130.527 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 355.81 Mbit/s
95th percentile per-packet one-way delay: 114.964 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 333.41 Mbit/s
95th percentile per-packet one-way delay: 144.932 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 127.09 Mbit/s
95th percentile per-packet one-way delay: 110.861 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

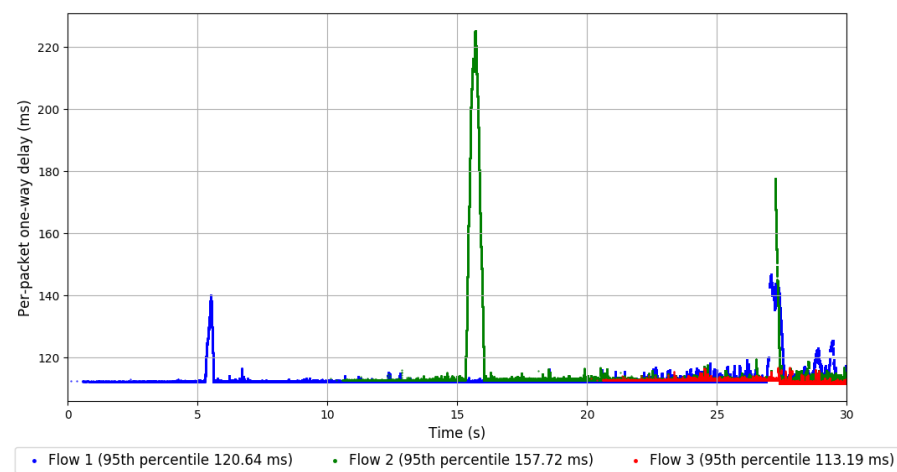
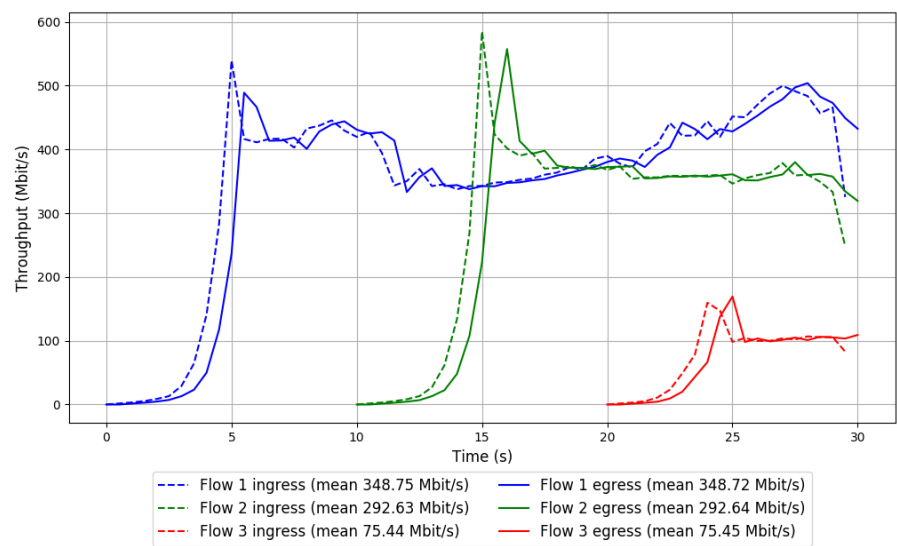


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-03 18:37:42
End at: 2018-07-03 18:38:12
Local clock offset: -1.339 ms
Remote clock offset: -0.261 ms

Below is generated by plot.py at 2018-07-03 21:39:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 568.20 Mbit/s
95th percentile per-packet one-way delay: 124.022 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 348.72 Mbit/s
95th percentile per-packet one-way delay: 120.638 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 292.64 Mbit/s
95th percentile per-packet one-way delay: 157.715 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 75.45 Mbit/s
95th percentile per-packet one-way delay: 113.191 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-03 19:04:01

End at: 2018-07-03 19:04:31

Local clock offset: 0.024 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-07-03 21:39:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 650.13 Mbit/s

95th percentile per-packet one-way delay: 118.597 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 361.75 Mbit/s

95th percentile per-packet one-way delay: 116.630 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 340.56 Mbit/s

95th percentile per-packet one-way delay: 114.317 ms

Loss rate: 0.00%

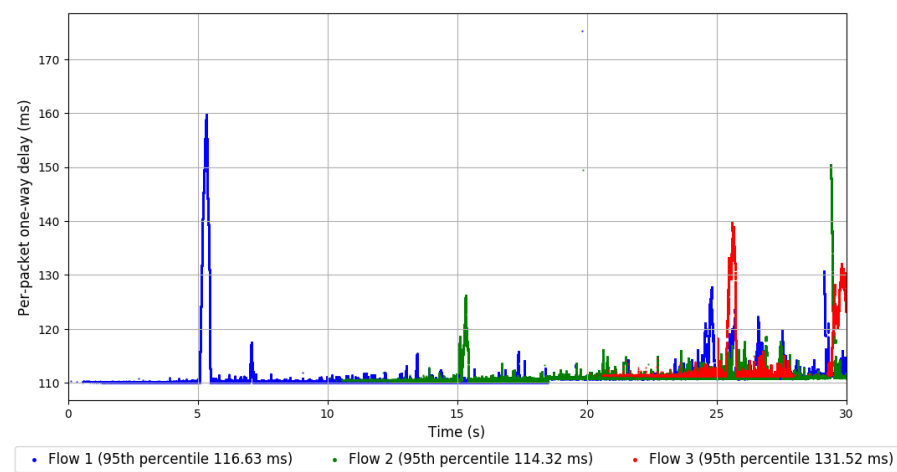
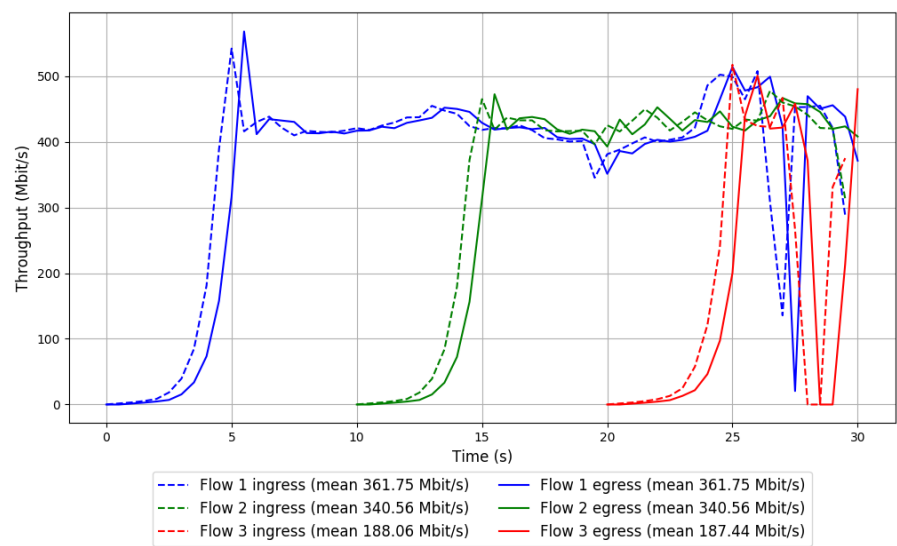
-- Flow 3:

Average throughput: 187.44 Mbit/s

95th percentile per-packet one-way delay: 131.520 ms

Loss rate: 0.33%

Run 10: Report of PCC-Vivace — Data Link

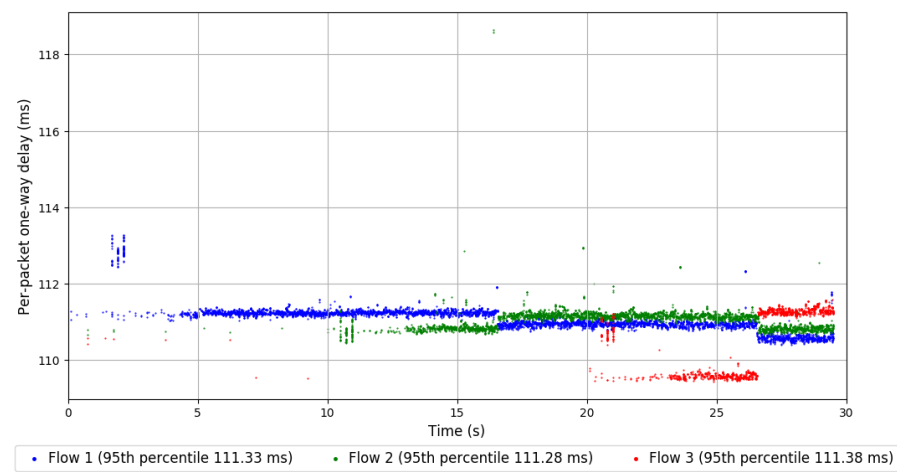
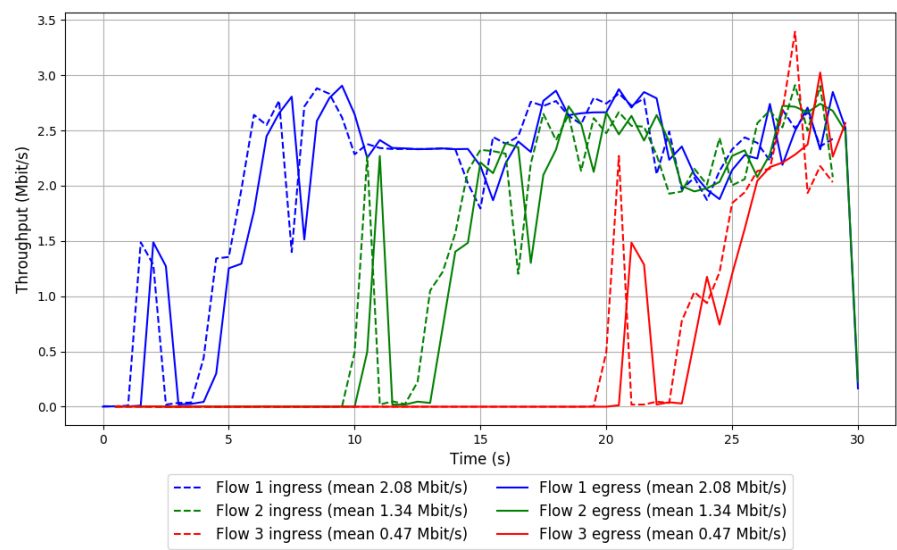


Run 1: Statistics of WebRTC media

Start at: 2018-07-03 14:59:42
End at: 2018-07-03 15:00:12
Local clock offset: -0.159 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 111.327 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 111.325 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 111.275 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 111.383 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

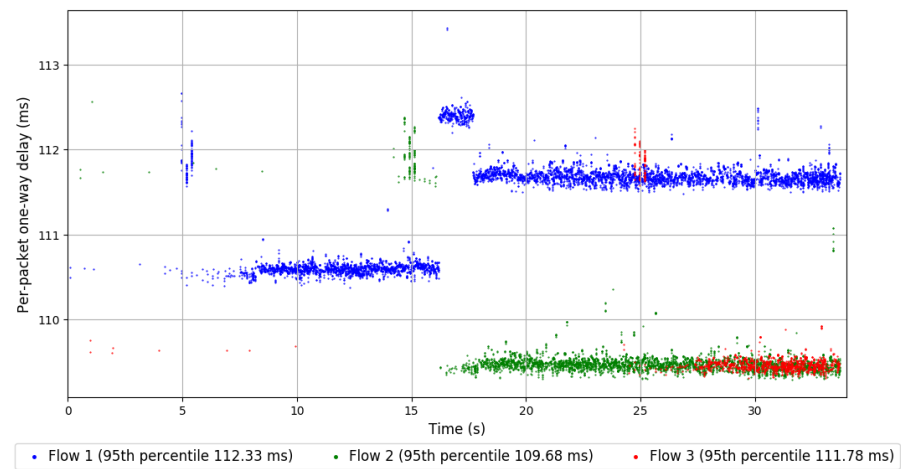
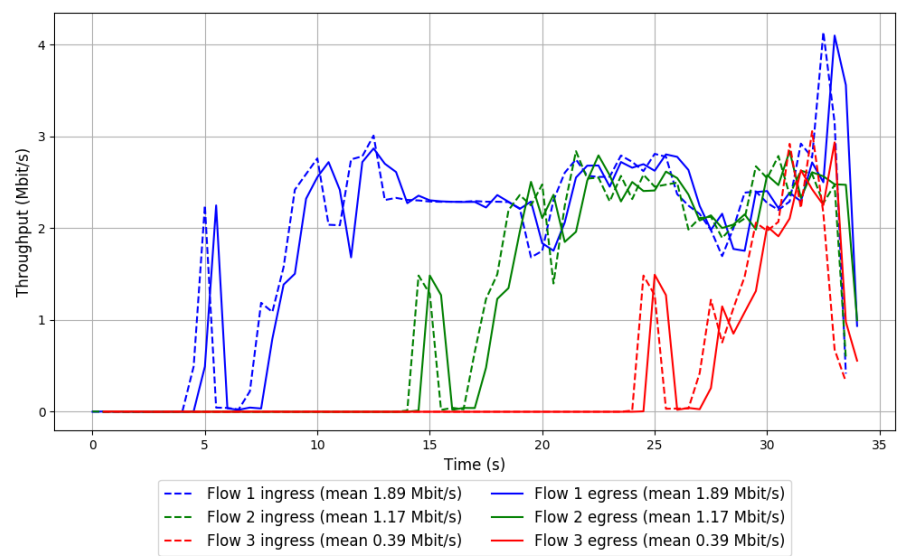


Run 2: Statistics of WebRTC media

Start at: 2018-07-03 15:25:47
End at: 2018-07-03 15:26:17
Local clock offset: -0.221 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 111.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 112.332 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 109.679 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 111.781 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

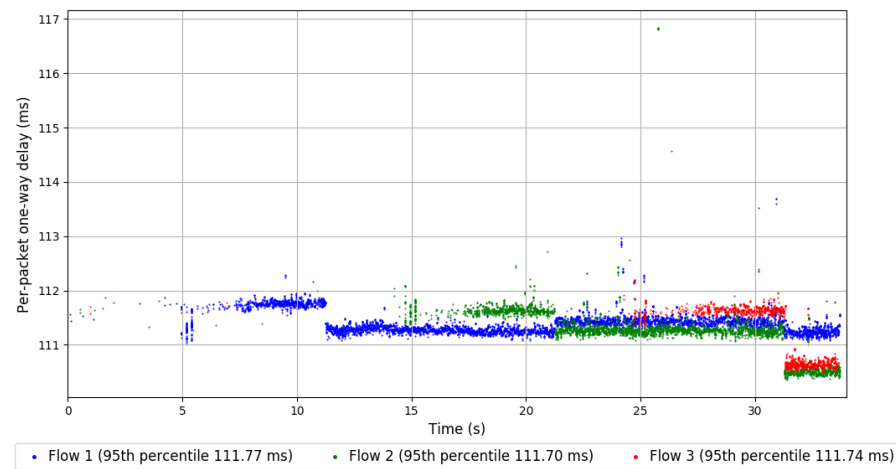
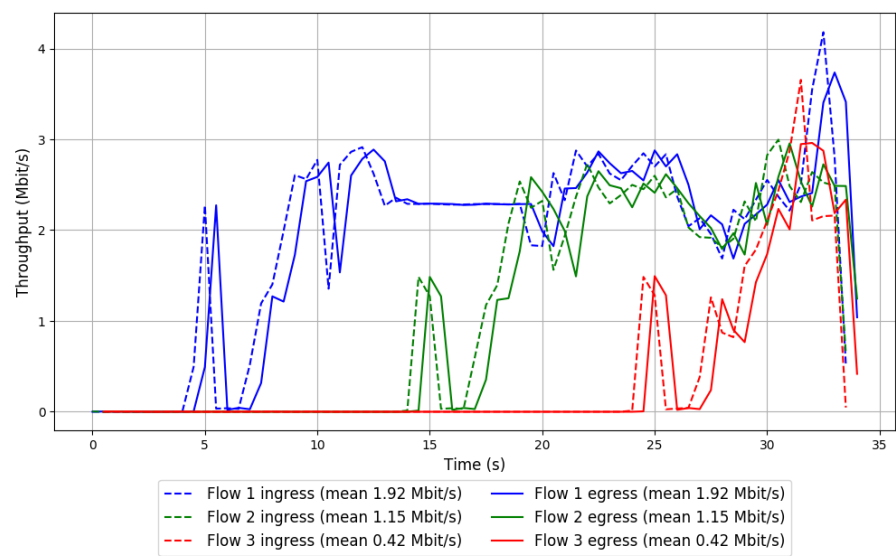


Run 3: Statistics of WebRTC media

Start at: 2018-07-03 15:51:51
End at: 2018-07-03 15:52:21
Local clock offset: -0.153 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 111.757 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 111.774 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 111.697 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 111.740 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

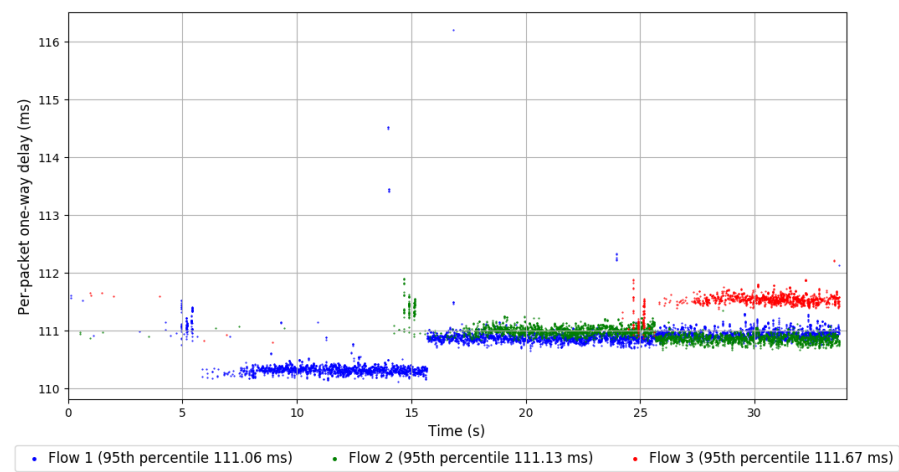
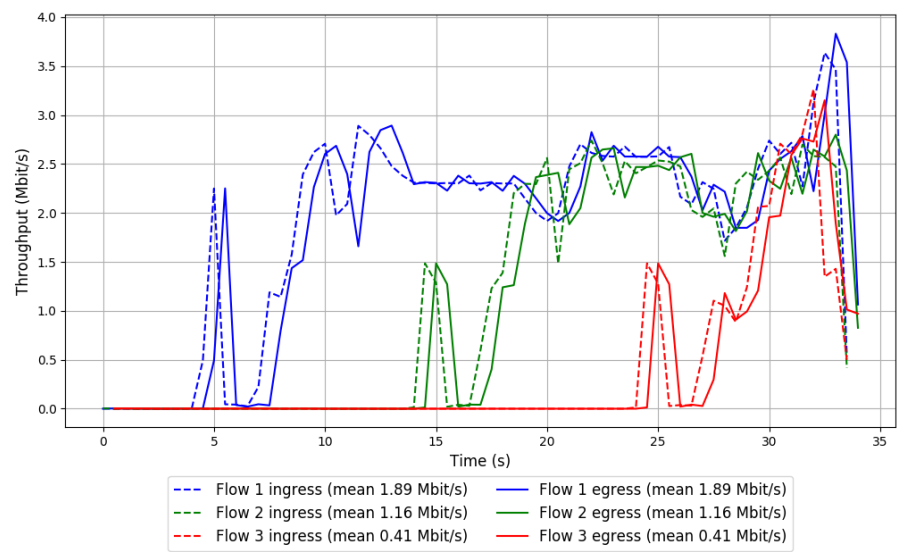


Run 4: Statistics of WebRTC media

Start at: 2018-07-03 16:18:17
End at: 2018-07-03 16:18:47
Local clock offset: 0.058 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 111.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 111.056 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 111.130 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 111.674 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

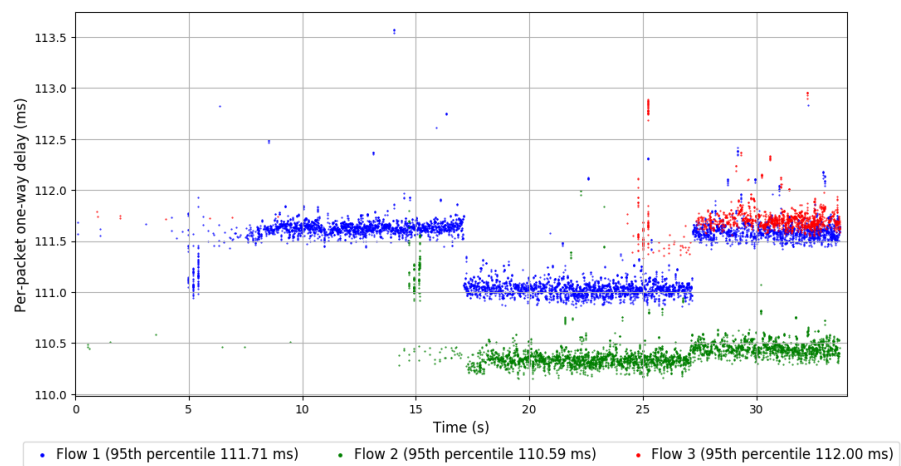
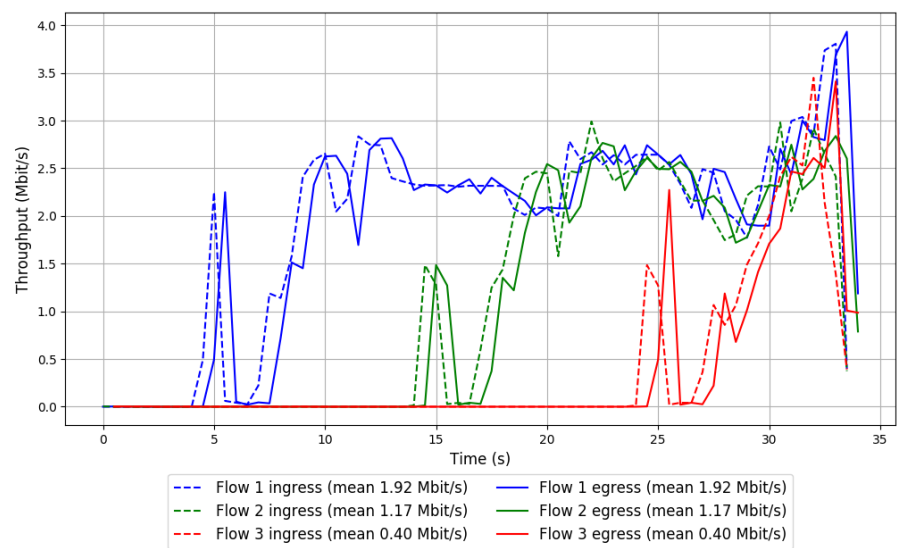


Run 5: Statistics of WebRTC media

Start at: 2018-07-03 16:44:06
End at: 2018-07-03 16:44:36
Local clock offset: -0.001 ms
Remote clock offset: -0.233 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 111.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 111.711 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 110.590 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 112.005 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

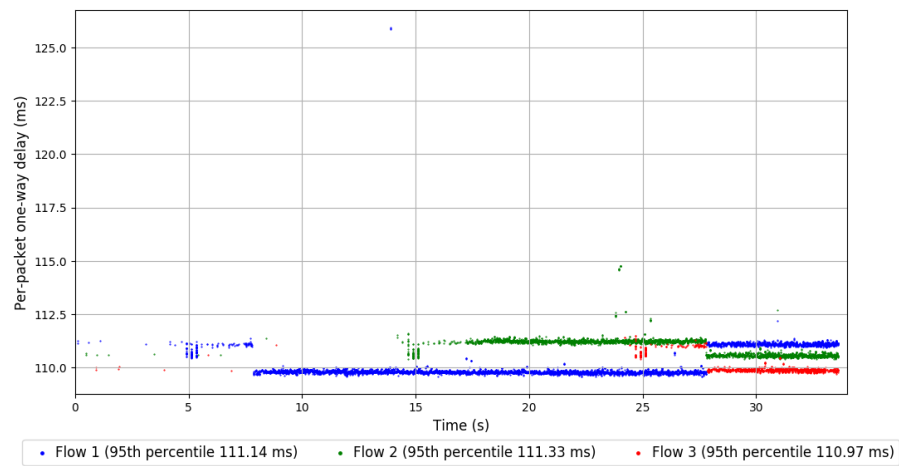
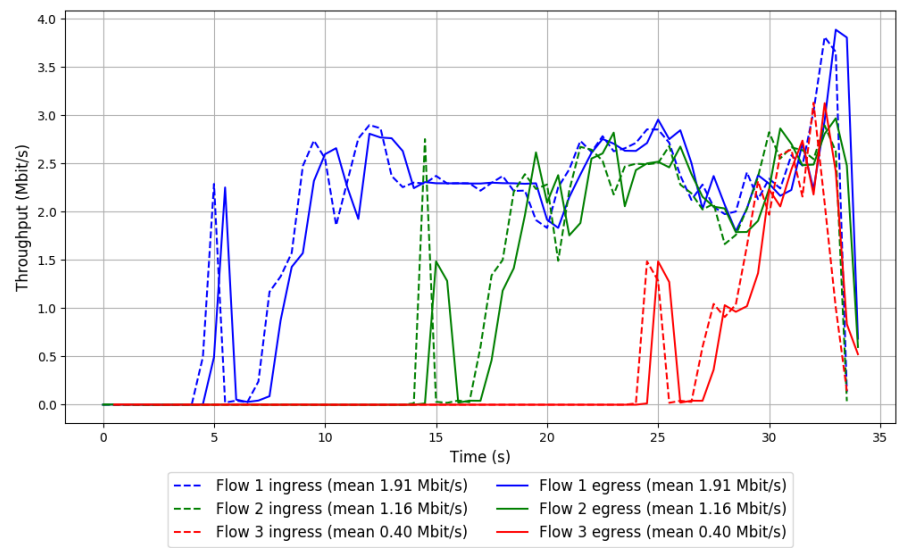


Run 6: Statistics of WebRTC media

Start at: 2018-07-03 17:10:15
End at: 2018-07-03 17:10:45
Local clock offset: 0.063 ms
Remote clock offset: -0.501 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 111.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 111.139 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 111.327 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 110.971 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-07-03 17:36:15

End at: 2018-07-03 17:36:45

Local clock offset: 1.021 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-07-03 21:39:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.45 Mbit/s

95th percentile per-packet one-way delay: 110.626 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.92 Mbit/s

95th percentile per-packet one-way delay: 109.400 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.16 Mbit/s

95th percentile per-packet one-way delay: 110.666 ms

Loss rate: 0.00%

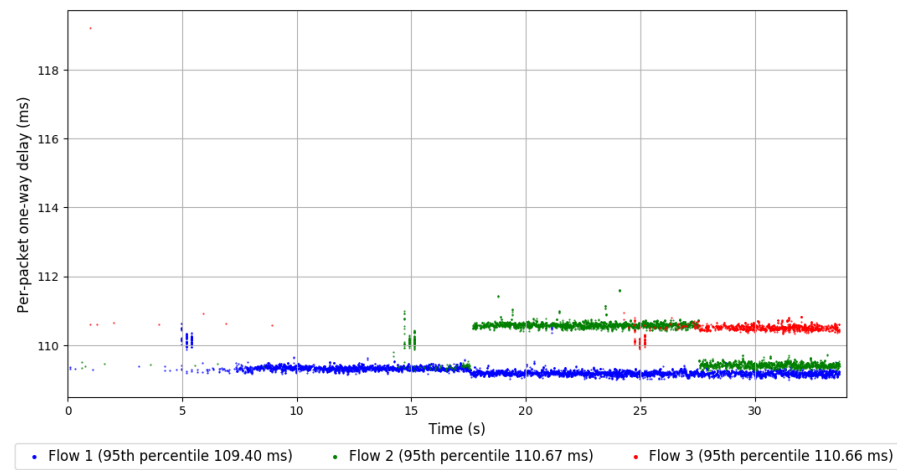
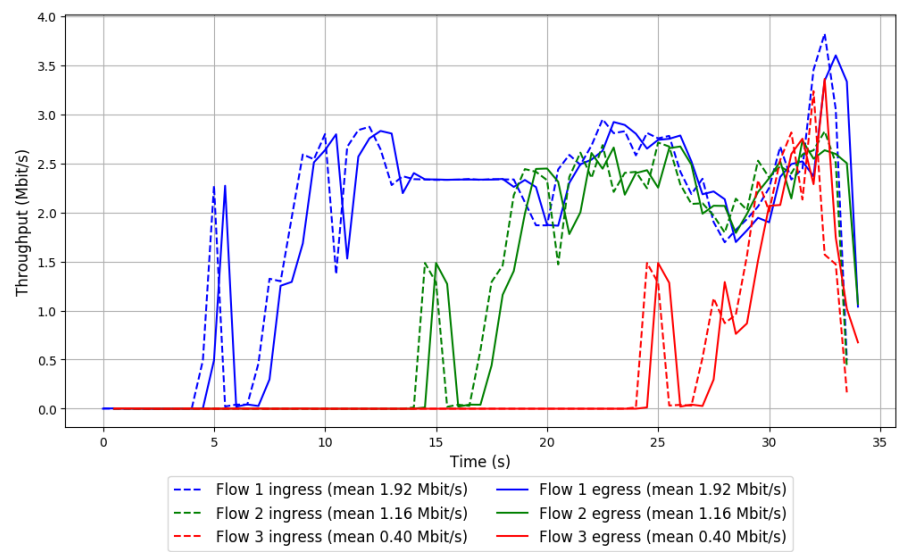
-- Flow 3:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 110.658 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

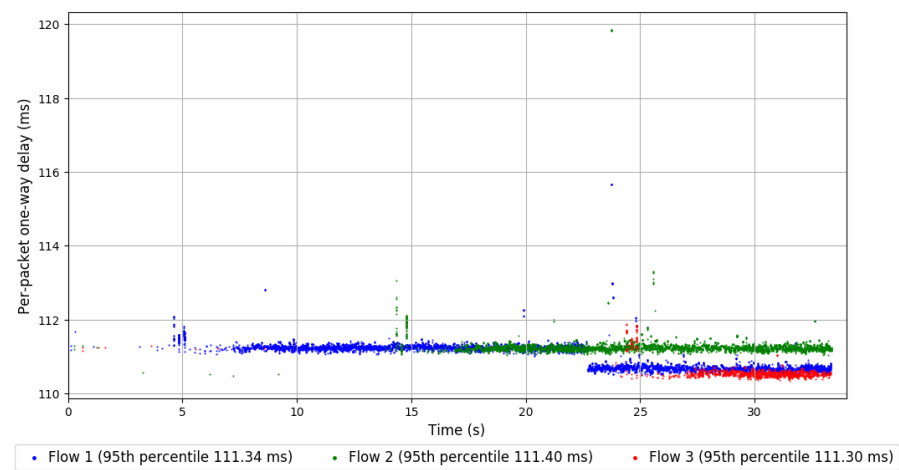
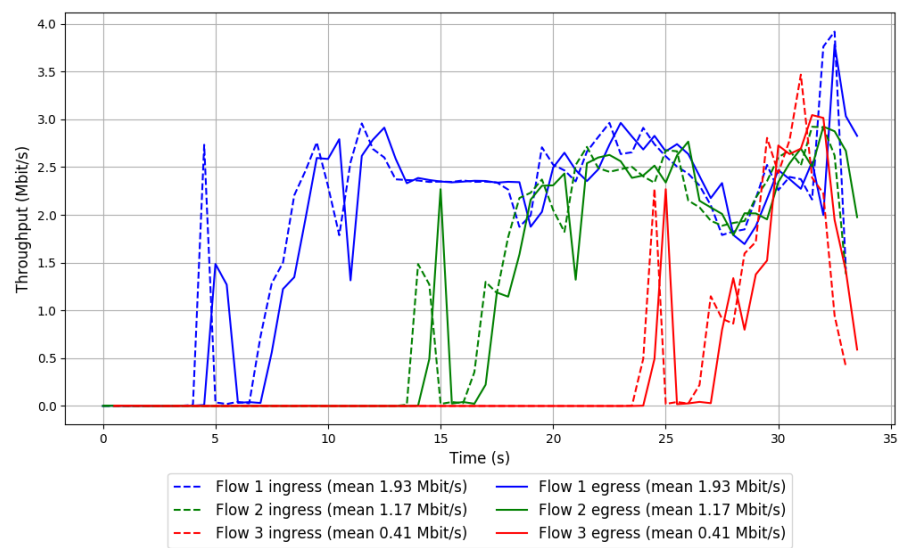


Run 8: Statistics of WebRTC media

Start at: 2018-07-03 18:02:40
End at: 2018-07-03 18:03:10
Local clock offset: -0.186 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 111.358 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 111.341 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 111.403 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 111.300 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

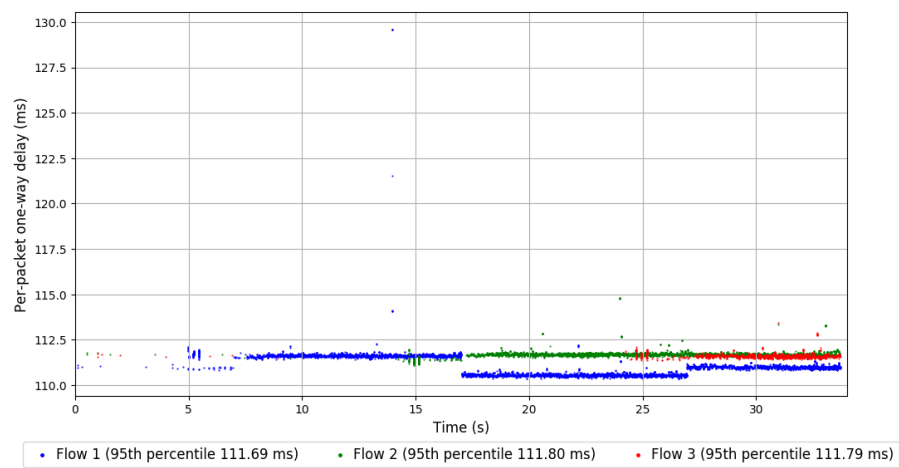
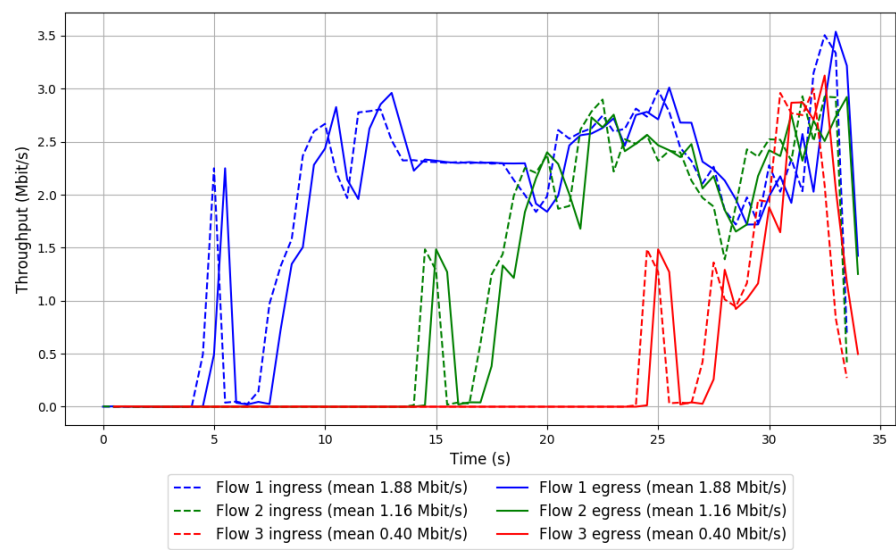


Run 9: Statistics of WebRTC media

Start at: 2018-07-03 18:30:16
End at: 2018-07-03 18:30:46
Local clock offset: -0.037 ms
Remote clock offset: -0.356 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 111.761 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.88 Mbit/s
95th percentile per-packet one-way delay: 111.691 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 111.797 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 111.786 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-03 18:56:52
End at: 2018-07-03 18:57:22
Local clock offset: 0.237 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-03 21:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 110.944 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 110.479 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 110.915 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 111.036 ms
Loss rate: 0.01%

Run 10: Report of WebRTC media — Data Link

