

Pantheon Report

Generated at 2018-07-10 07:11:33 (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.

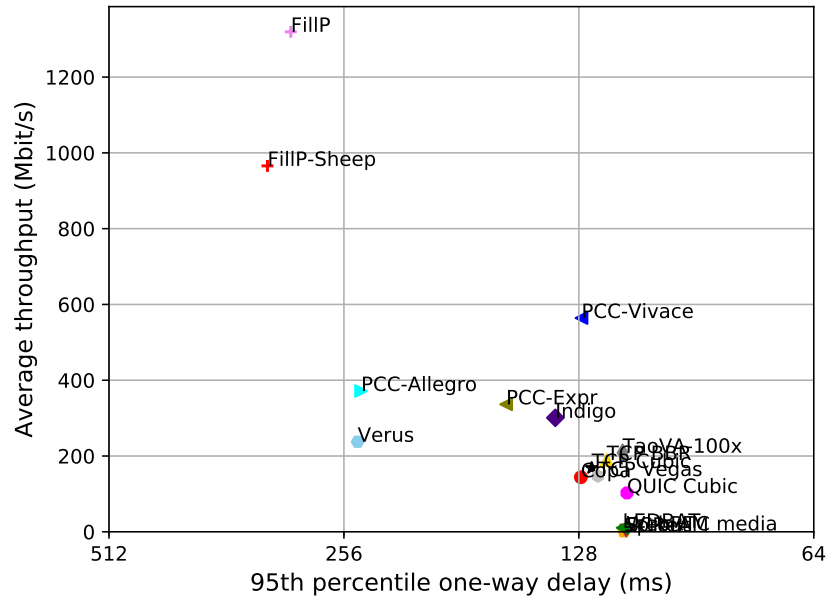
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

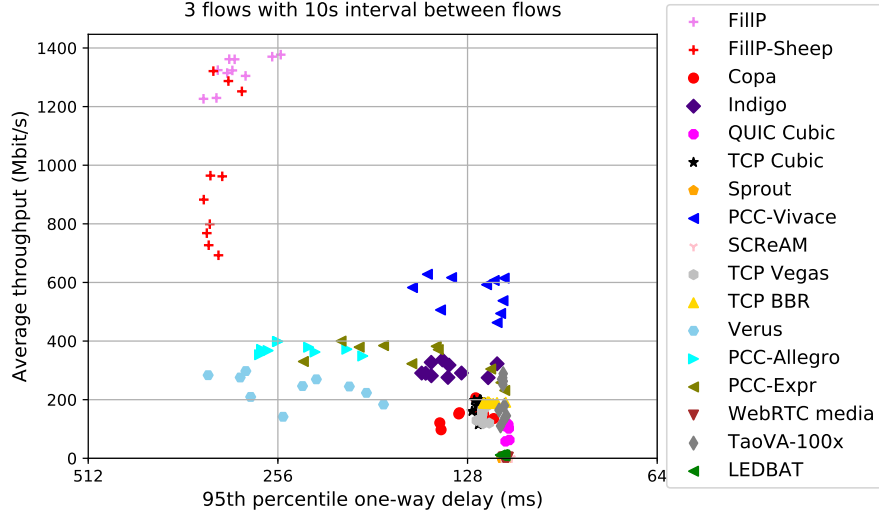
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
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



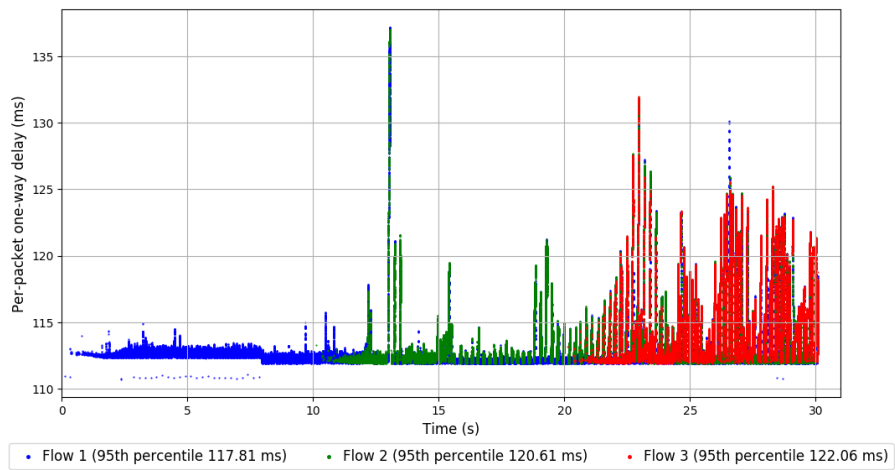
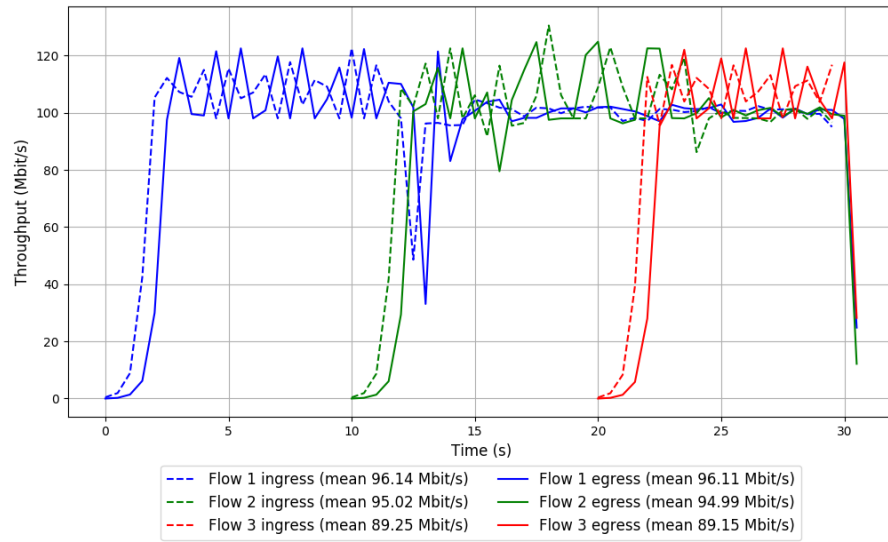
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	97.15	95.42	86.99	116.43	118.09	119.41	0.00	0.00	0.01
Copa	10	78.96	74.28	64.69	123.71	129.63	130.91	0.00	0.00	0.00
TCP Cubic	10	99.27	64.01	81.14	122.91	123.11	122.93	0.00	0.05	0.09
FillP	10	705.38	623.99	599.10	304.51	303.25	242.57	3.52	2.92	2.19
FillP-Sheep	10	417.59	536.04	579.23	320.18	311.70	259.58	5.34	5.89	4.57
Indigo	10	160.88	149.73	126.99	131.46	137.91	141.65	0.01	0.02	0.02
LEDBAT	10	7.27	3.91	2.27	112.58	112.40	112.29	0.00	0.00	0.00
PCC-Allegro	10	324.53	63.36	14.79	242.80	244.96	237.13	1.27	0.94	0.83
PCC-Expr	10	229.78	130.56	59.97	156.40	152.91	148.02	0.77	0.36	0.51
QUIC Cubic	10	50.10	59.41	40.50	110.63	110.90	110.83	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	110.97	110.78	111.02	0.00	0.00	0.00
Sprout	10	0.20	0.22	0.29	111.80	111.95	111.66	0.00	0.00	0.00
TaoVA-100x	10	113.61	99.20	89.98	112.05	113.39	114.07	0.00	0.00	0.01
TCP Vegas	10	79.64	74.63	54.72	119.92	119.69	119.29	0.01	0.02	0.38
Verus	10	161.43	95.34	44.64	232.37	245.39	228.91	1.78	3.25	2.91
PCC-Vivace	10	341.17	261.36	149.34	123.89	130.89	144.92	0.18	0.17	0.50
WebRTC media	10	1.94	1.19	0.41	111.03	110.94	111.10	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-10 00:45:20
End at: 2018-07-10 00:45:50
Local clock offset: -1.437 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-07-10 05:11:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.00 Mbit/s
95th percentile per-packet one-way delay: 120.367 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 117.814 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 94.99 Mbit/s
95th percentile per-packet one-way delay: 120.612 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 122.063 ms
Loss rate: 0.07%

Run 1: Report of TCP BBR — Data Link

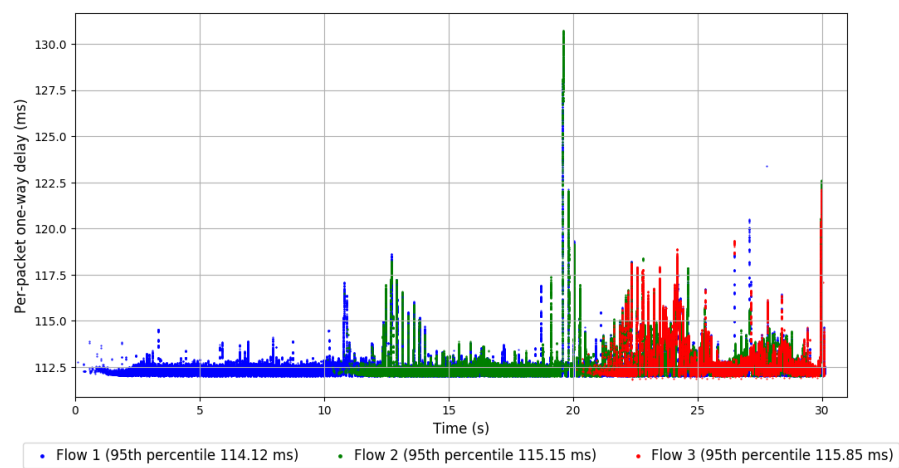
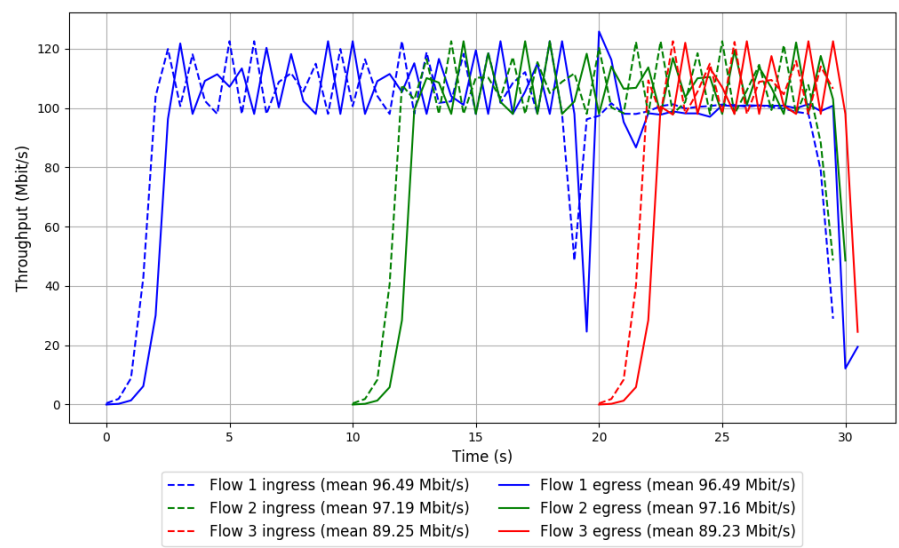


Run 2: Statistics of TCP BBR

Start at: 2018-07-10 01:11:21
End at: 2018-07-10 01:11:51
Local clock offset: -1.563 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-07-10 05:11:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 190.44 Mbit/s
95th percentile per-packet one-way delay: 114.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 114.123 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 115.149 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 115.851 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

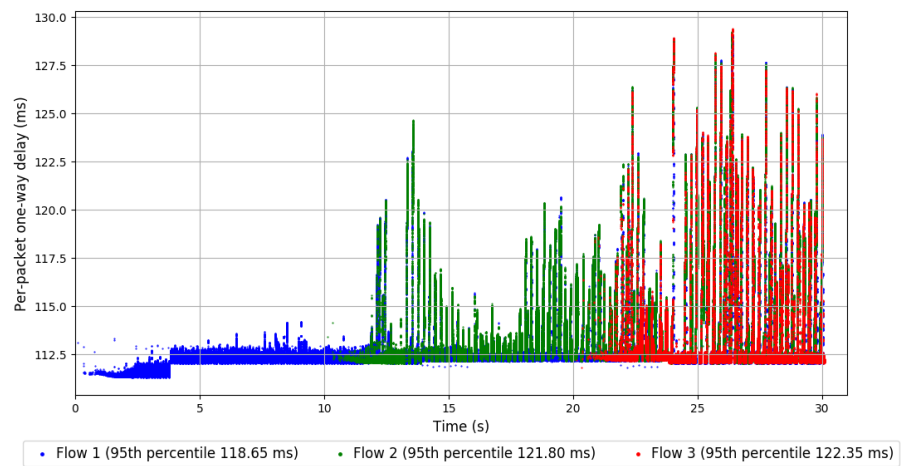
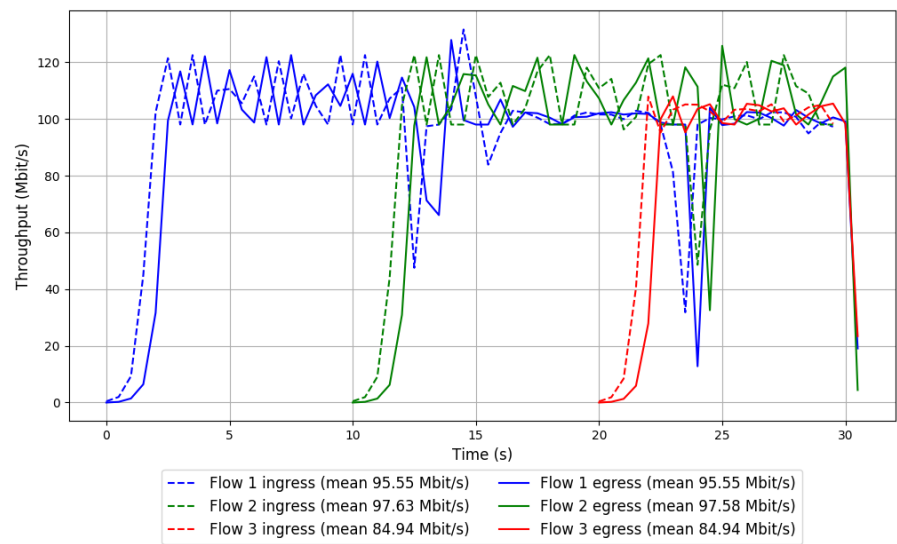


Run 3: Statistics of TCP BBR

Start at: 2018-07-10 01:37:25
End at: 2018-07-10 01:37:55
Local clock offset: -1.445 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-07-10 05:11:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 188.41 Mbit/s
95th percentile per-packet one-way delay: 120.691 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 118.651 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.58 Mbit/s
95th percentile per-packet one-way delay: 121.795 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.94 Mbit/s
95th percentile per-packet one-way delay: 122.352 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

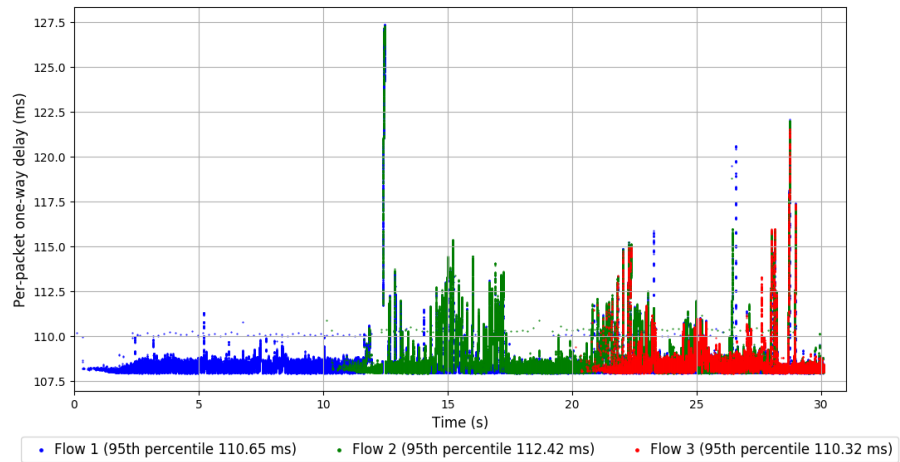
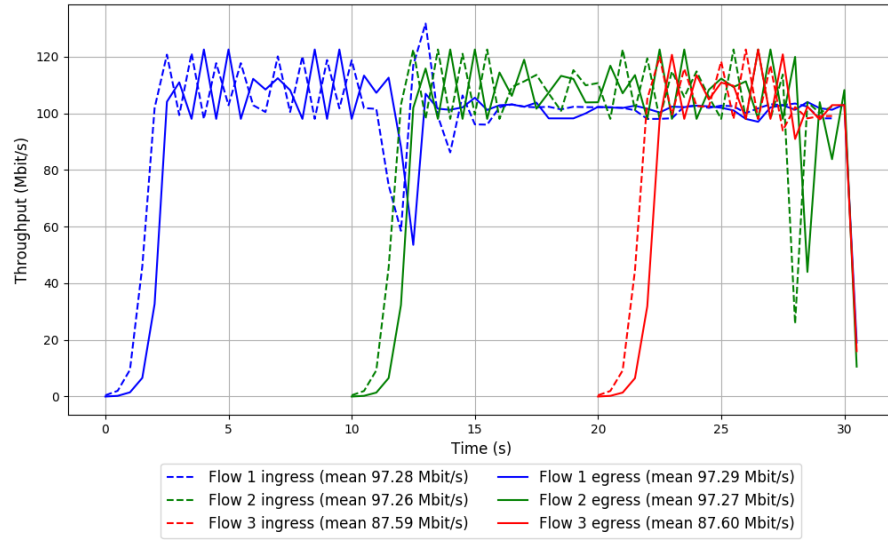


Run 4: Statistics of TCP BBR

Start at: 2018-07-10 02:03:21
End at: 2018-07-10 02:03:51
Local clock offset: 1.062 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-07-10 05:11:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 191.14 Mbit/s
95th percentile per-packet one-way delay: 111.358 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 110.646 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 112.423 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 110.323 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

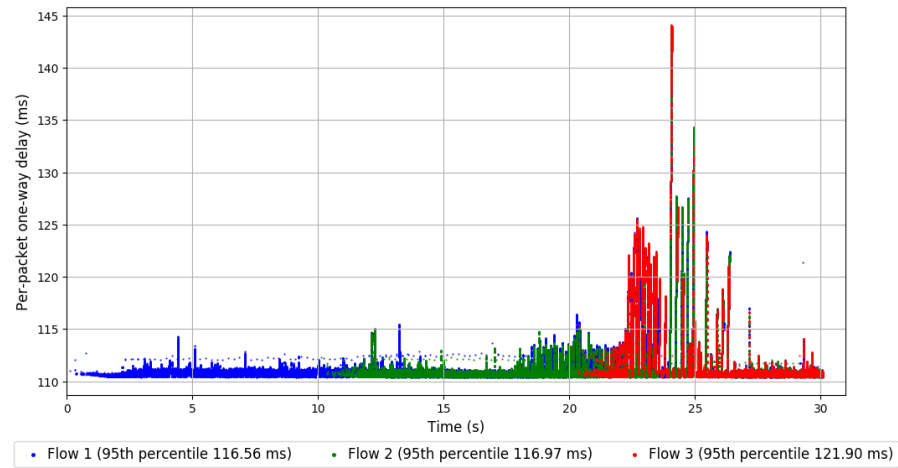
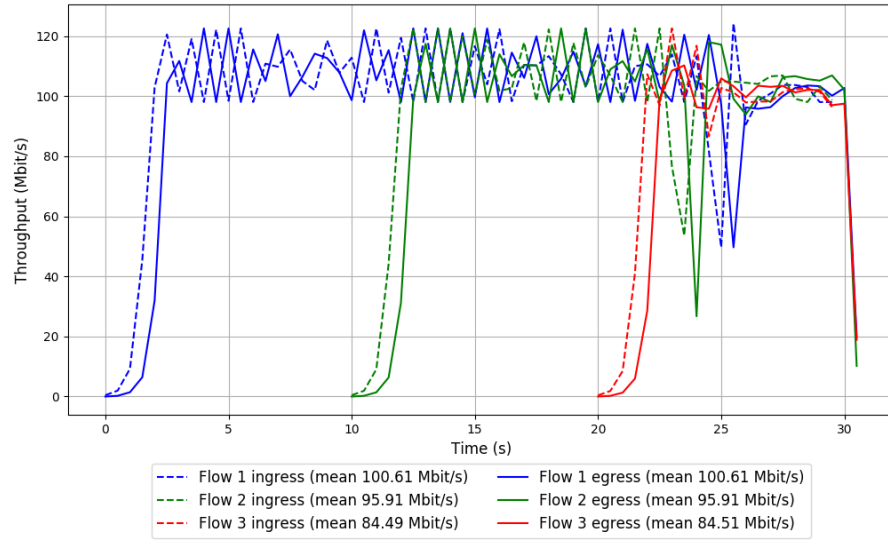


Run 5: Statistics of TCP BBR

Start at: 2018-07-10 02:29:27
End at: 2018-07-10 02:29:57
Local clock offset: -1.446 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-07-10 05:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 192.49 Mbit/s
95th percentile per-packet one-way delay: 118.404 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.61 Mbit/s
95th percentile per-packet one-way delay: 116.562 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 116.971 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.51 Mbit/s
95th percentile per-packet one-way delay: 121.896 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

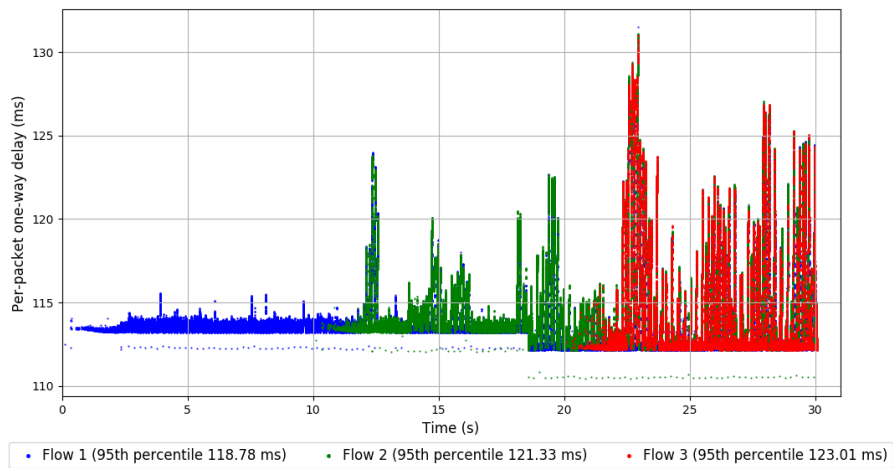
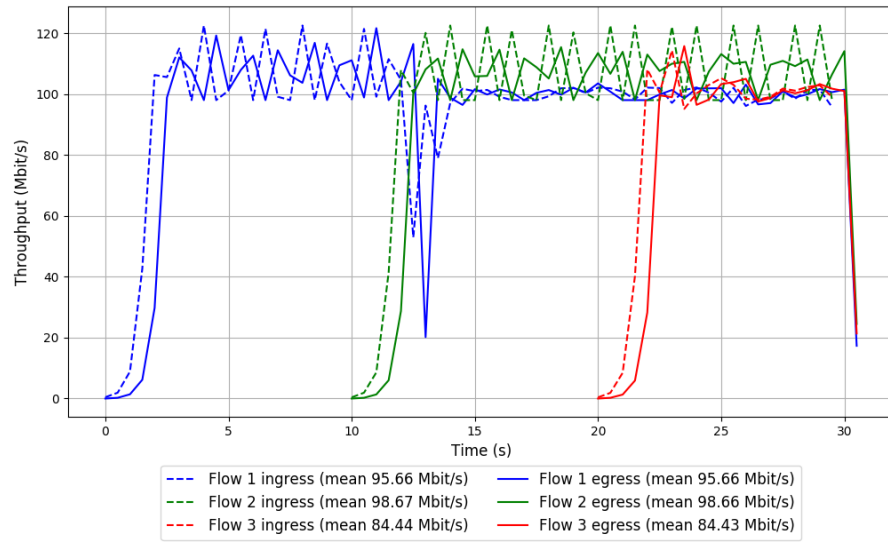


Run 6: Statistics of TCP BBR

Start at: 2018-07-10 02:55:30
End at: 2018-07-10 02:56:00
Local clock offset: -1.446 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-07-10 05:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.33 Mbit/s
95th percentile per-packet one-way delay: 120.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 118.776 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.66 Mbit/s
95th percentile per-packet one-way delay: 121.333 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 123.014 ms
Loss rate: 0.01%

Run 6: Report of TCP BBR — Data Link

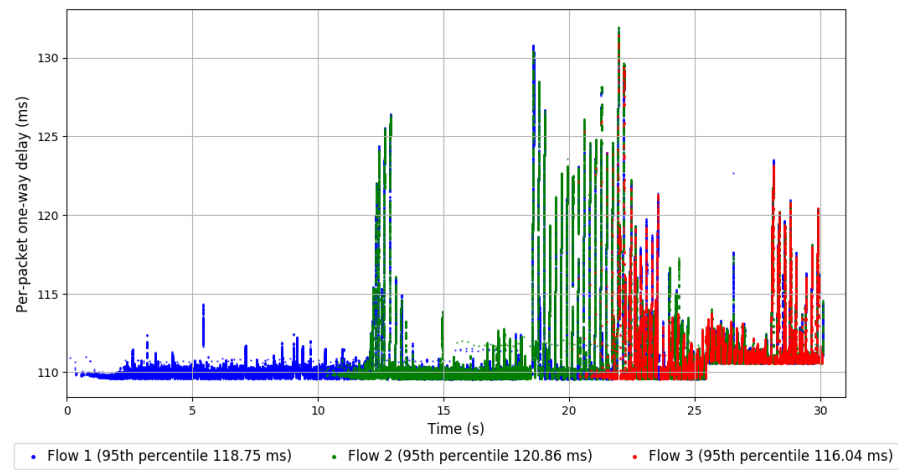
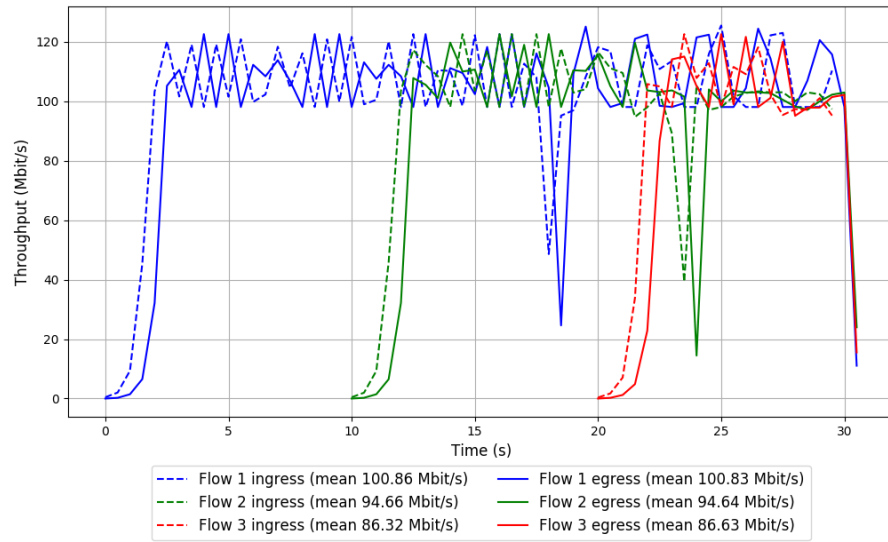


Run 7: Statistics of TCP BBR

Start at: 2018-07-10 03:21:03
End at: 2018-07-10 03:21:33
Local clock offset: -0.619 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-07-10 05:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 192.55 Mbit/s
95th percentile per-packet one-way delay: 118.981 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 100.83 Mbit/s
95th percentile per-packet one-way delay: 118.749 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 120.862 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 116.039 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

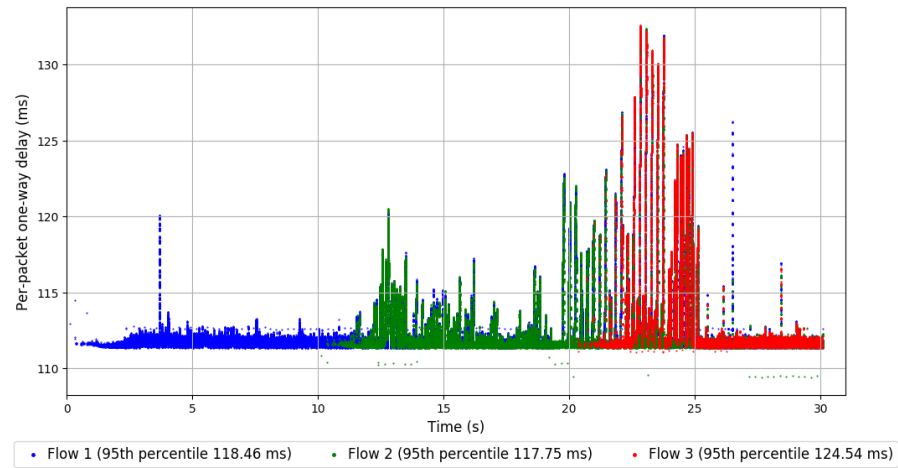
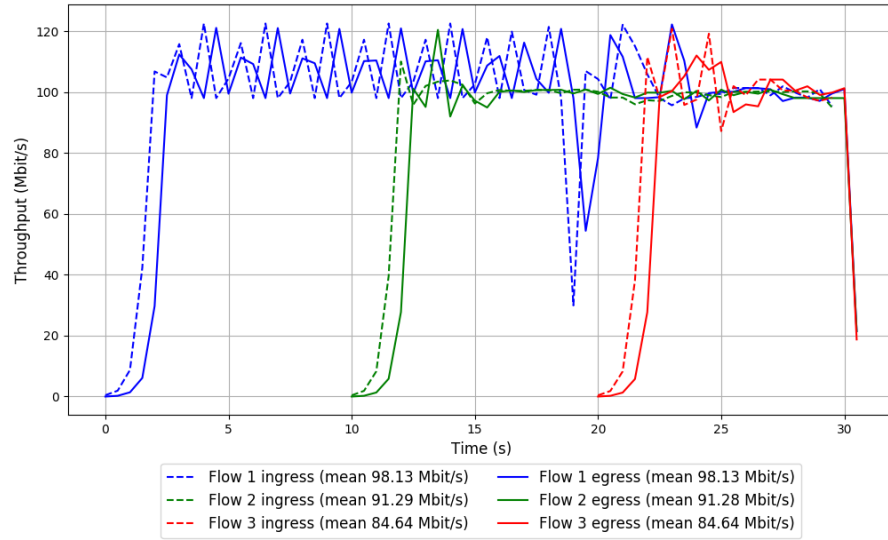


Run 8: Statistics of TCP BBR

Start at: 2018-07-10 03:47:06
End at: 2018-07-10 03:47:36
Local clock offset: -0.115 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2018-07-10 05:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 187.00 Mbit/s
95th percentile per-packet one-way delay: 119.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 98.13 Mbit/s
95th percentile per-packet one-way delay: 118.461 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 117.748 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.64 Mbit/s
95th percentile per-packet one-way delay: 124.541 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-07-10 04:13:16

End at: 2018-07-10 04:13:46

Local clock offset: 1.142 ms

Remote clock offset: 0.281 ms

Below is generated by plot.py at 2018-07-10 05:13:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 187.31 Mbit/s

95th percentile per-packet one-way delay: 116.552 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 95.96 Mbit/s

95th percentile per-packet one-way delay: 114.375 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 92.75 Mbit/s

95th percentile per-packet one-way delay: 115.795 ms

Loss rate: 0.00%

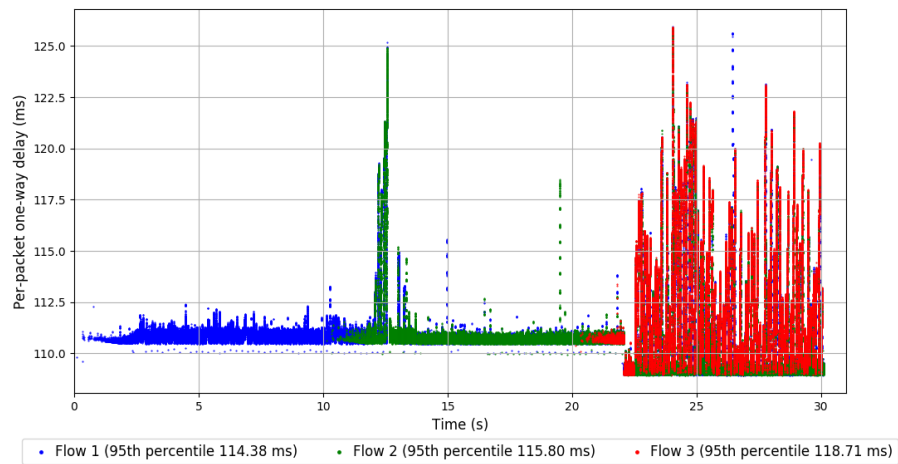
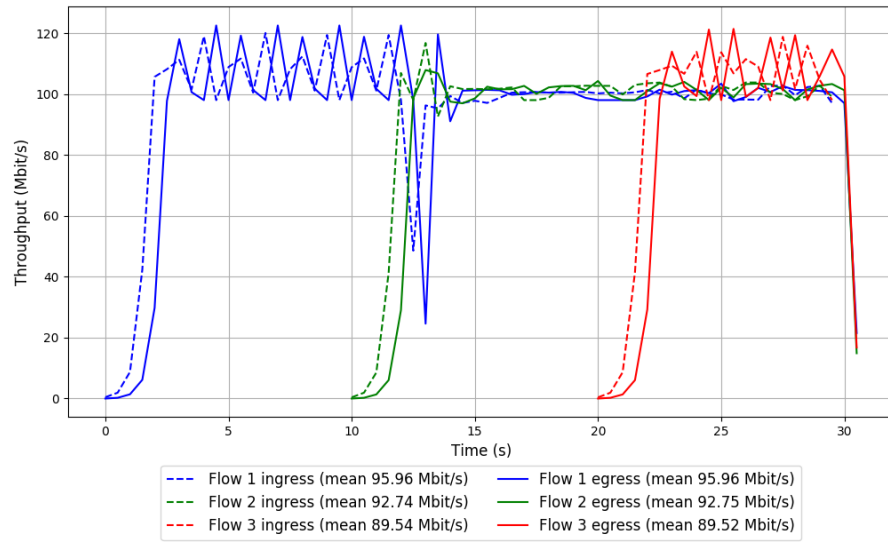
-- Flow 3:

Average throughput: 89.52 Mbit/s

95th percentile per-packet one-way delay: 118.706 ms

Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-07-10 04:39:10

End at: 2018-07-10 04:39:40

Local clock offset: -0.146 ms

Remote clock offset: 0.305 ms

Below is generated by plot.py at 2018-07-10 05:13:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 187.02 Mbit/s

95th percentile per-packet one-way delay: 117.691 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 94.82 Mbit/s

95th percentile per-packet one-way delay: 116.174 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 93.95 Mbit/s

95th percentile per-packet one-way delay: 118.224 ms

Loss rate: 0.00%

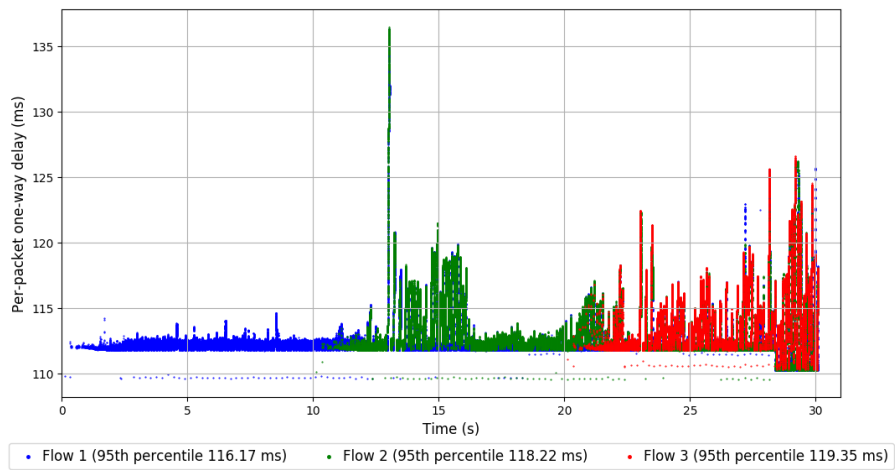
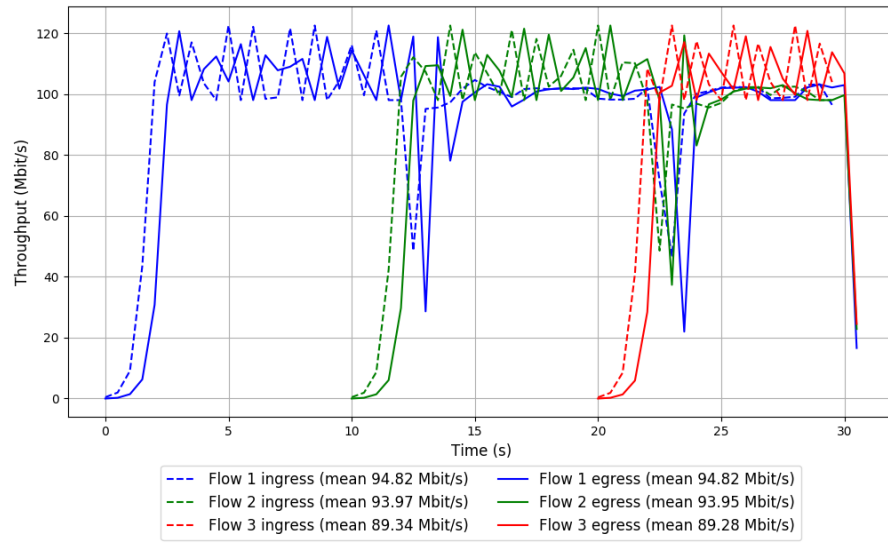
-- Flow 3:

Average throughput: 89.28 Mbit/s

95th percentile per-packet one-way delay: 119.353 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-07-10 00:53:43

End at: 2018-07-10 00:54:13

Local clock offset: -0.135 ms

Remote clock offset: 0.331 ms

Below is generated by plot.py at 2018-07-10 05:14:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 120.99 Mbit/s

95th percentile per-packet one-way delay: 141.668 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 76.29 Mbit/s

95th percentile per-packet one-way delay: 135.043 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 38.30 Mbit/s

95th percentile per-packet one-way delay: 129.449 ms

Loss rate: 0.00%

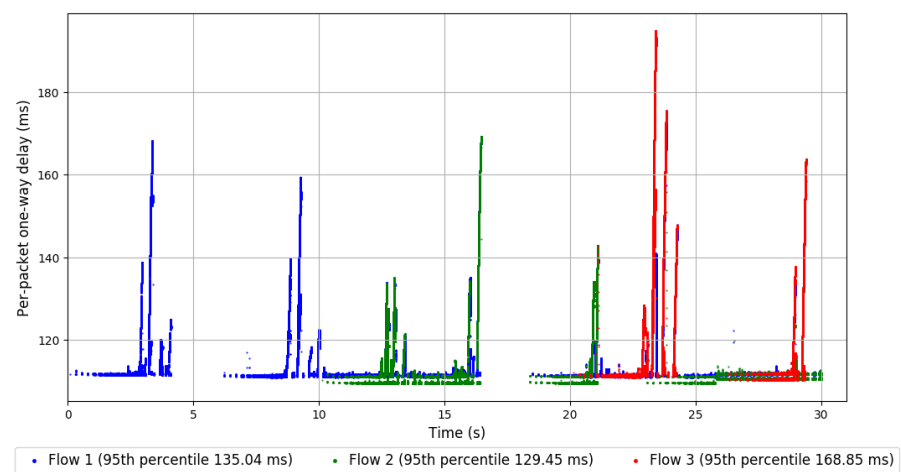
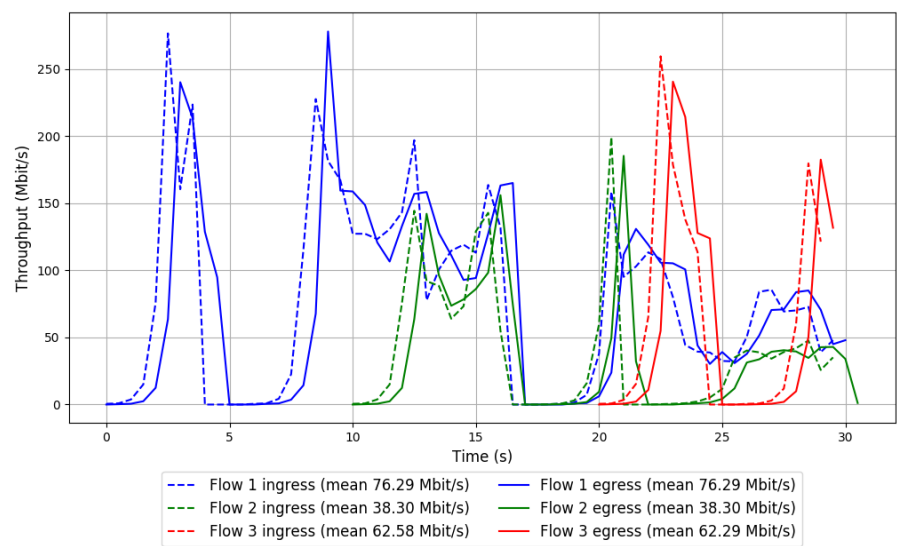
-- Flow 3:

Average throughput: 62.29 Mbit/s

95th percentile per-packet one-way delay: 168.853 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-07-10 01:19:42

End at: 2018-07-10 01:20:12

Local clock offset: -1.495 ms

Remote clock offset: 0.309 ms

Below is generated by plot.py at 2018-07-10 05:17:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 206.30 Mbit/s

95th percentile per-packet one-way delay: 124.248 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 114.80 Mbit/s

95th percentile per-packet one-way delay: 125.775 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 95.48 Mbit/s

95th percentile per-packet one-way delay: 124.695 ms

Loss rate: 0.00%

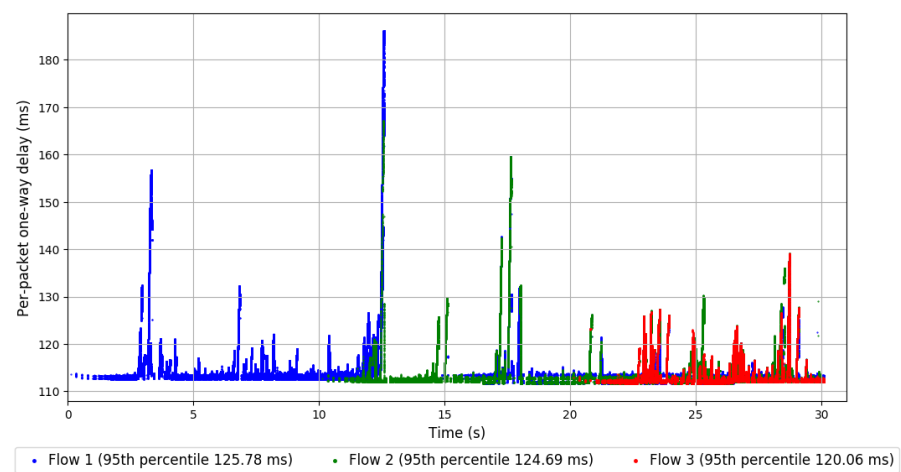
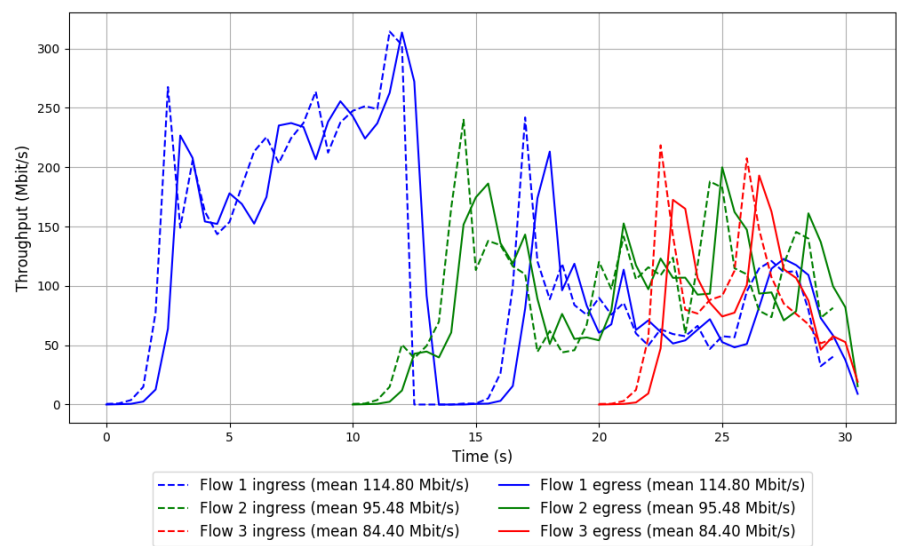
-- Flow 3:

Average throughput: 84.40 Mbit/s

95th percentile per-packet one-way delay: 120.057 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link

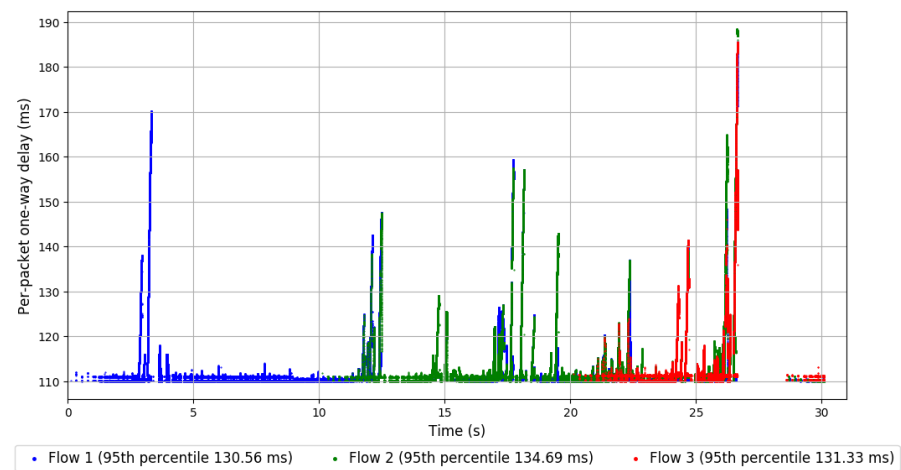
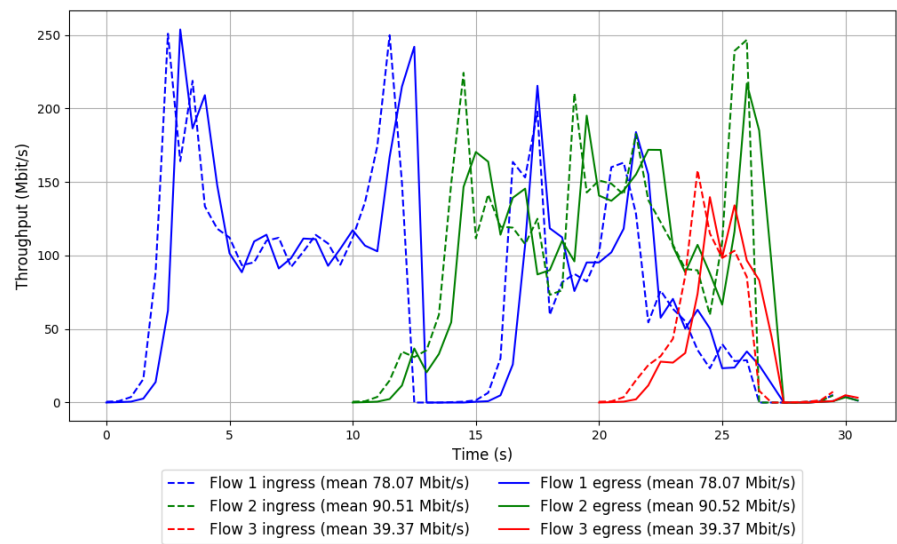


Run 3: Statistics of Copa

Start at: 2018-07-10 01:45:49
End at: 2018-07-10 01:46:19
Local clock offset: -0.151 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-07-10 05:17:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 151.44 Mbit/s
95th percentile per-packet one-way delay: 132.177 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.07 Mbit/s
95th percentile per-packet one-way delay: 130.564 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 134.694 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.37 Mbit/s
95th percentile per-packet one-way delay: 131.333 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

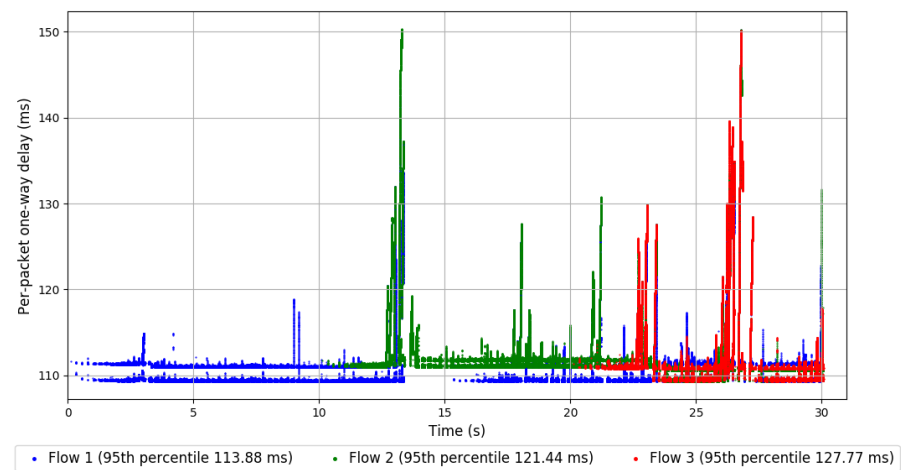
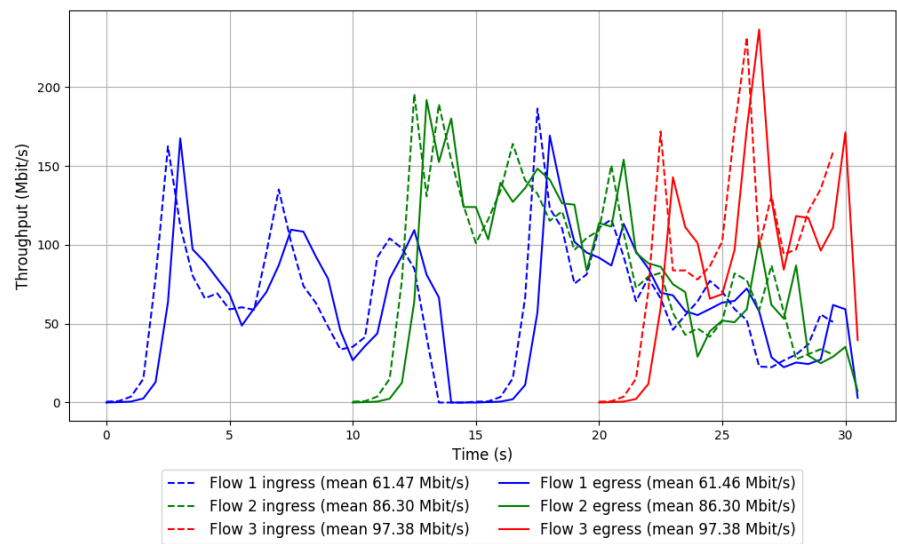


Run 4: Statistics of Copa

Start at: 2018-07-10 02:11:35
End at: 2018-07-10 02:12:05
Local clock offset: -0.395 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-07-10 05:17:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 151.13 Mbit/s
95th percentile per-packet one-way delay: 120.696 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.46 Mbit/s
95th percentile per-packet one-way delay: 113.881 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 86.30 Mbit/s
95th percentile per-packet one-way delay: 121.440 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 127.772 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

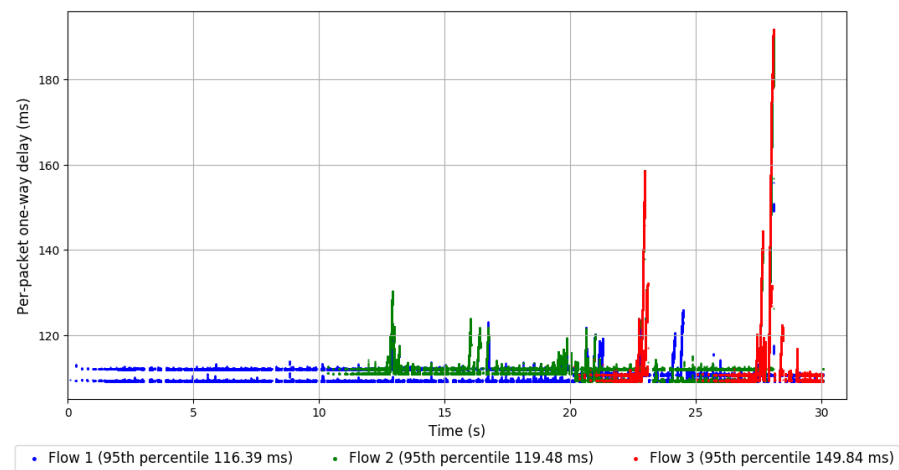
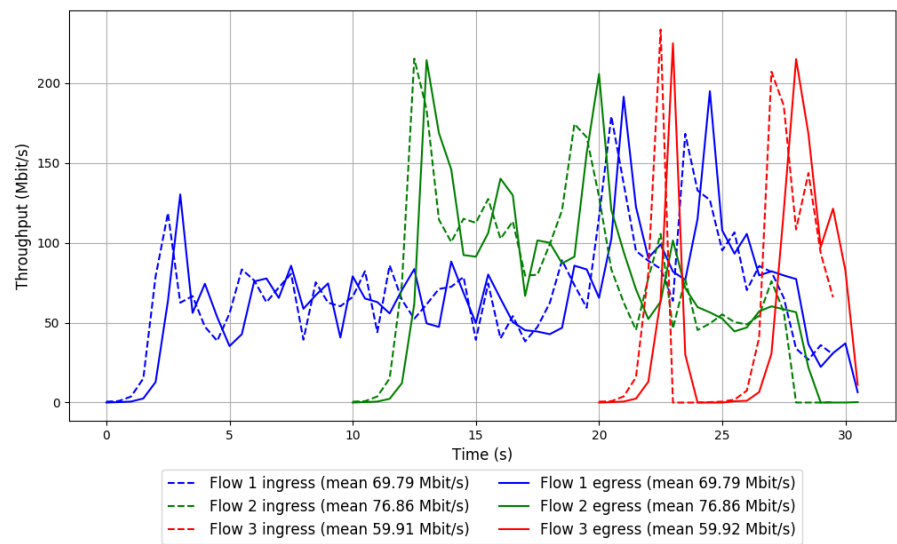


Run 5: Statistics of Copa

Start at: 2018-07-10 02:37:48
End at: 2018-07-10 02:38:18
Local clock offset: -0.268 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-07-10 05:17:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 140.74 Mbit/s
95th percentile per-packet one-way delay: 120.596 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.79 Mbit/s
95th percentile per-packet one-way delay: 116.391 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 76.86 Mbit/s
95th percentile per-packet one-way delay: 119.479 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 59.92 Mbit/s
95th percentile per-packet one-way delay: 149.837 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-07-10 03:03:43

End at: 2018-07-10 03:04:13

Local clock offset: 1.169 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-07-10 05:17:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 135.55 Mbit/s

95th percentile per-packet one-way delay: 116.326 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 88.09 Mbit/s

95th percentile per-packet one-way delay: 113.415 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 116.96 Mbit/s

95th percentile per-packet one-way delay: 118.800 ms

Loss rate: 0.00%

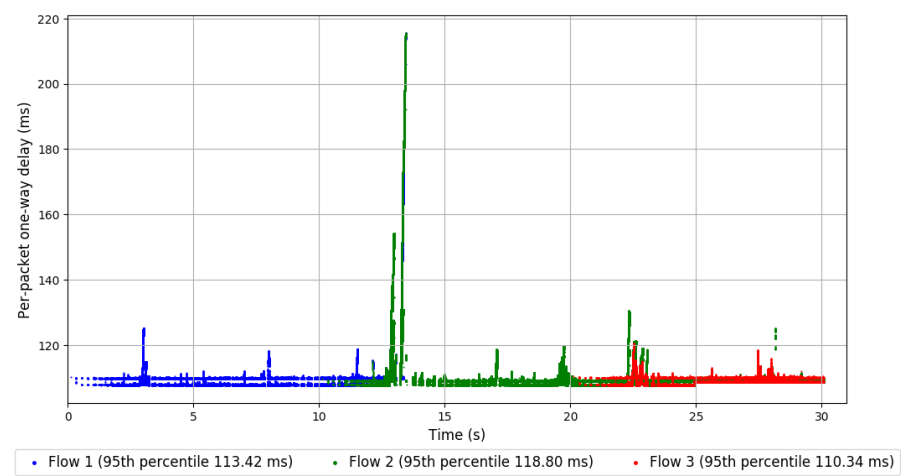
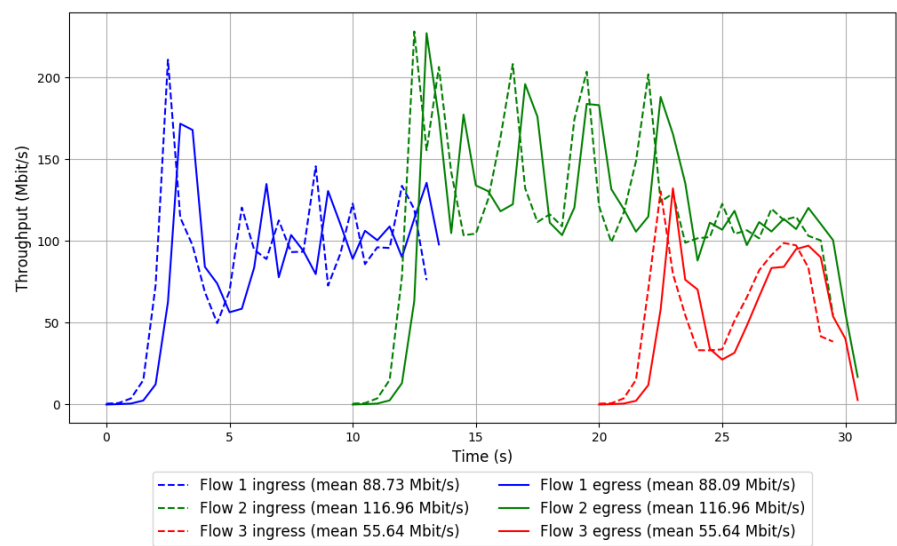
-- Flow 3:

Average throughput: 55.64 Mbit/s

95th percentile per-packet one-way delay: 110.339 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link

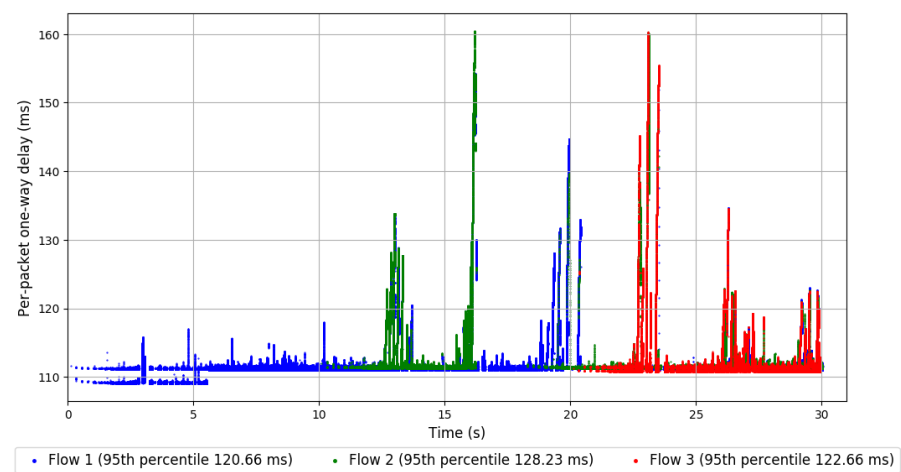
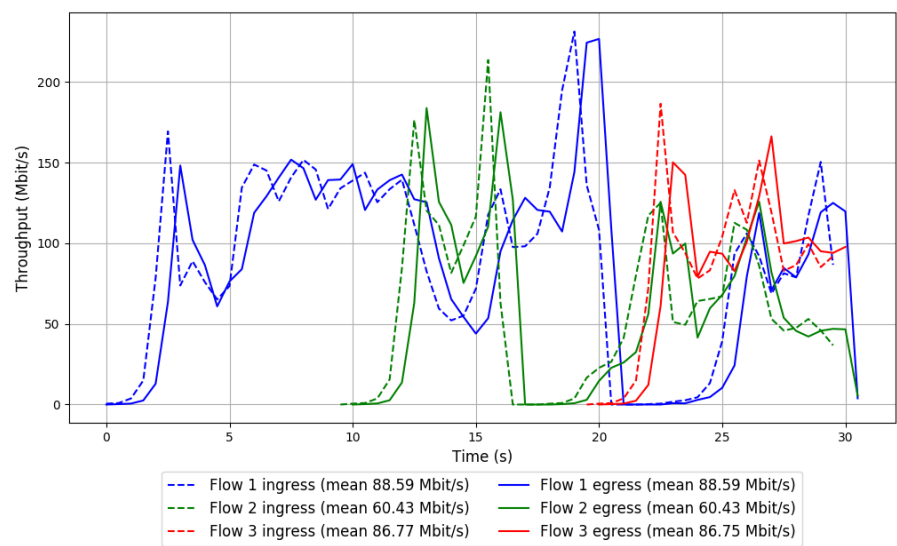


Run 7: Statistics of Copa

Start at: 2018-07-10 03:29:23
End at: 2018-07-10 03:29:53
Local clock offset: -0.079 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2018-07-10 05:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 157.37 Mbit/s
95th percentile per-packet one-way delay: 122.532 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 120.660 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.43 Mbit/s
95th percentile per-packet one-way delay: 128.234 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 86.75 Mbit/s
95th percentile per-packet one-way delay: 122.661 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

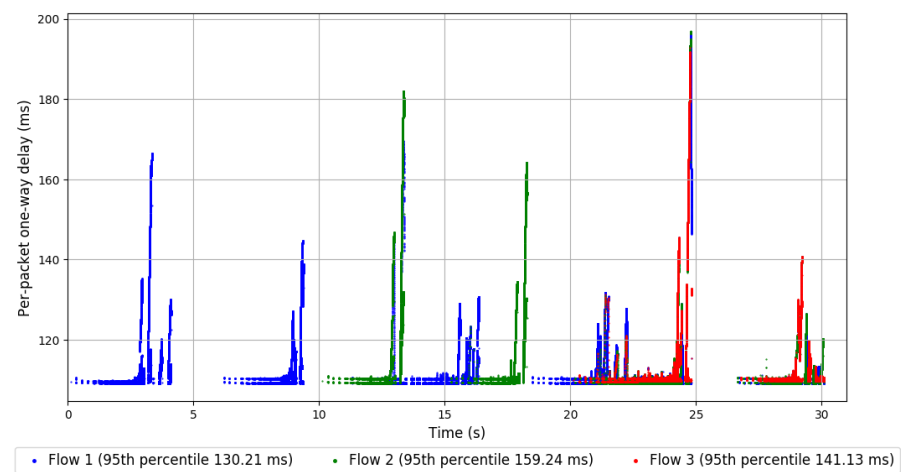
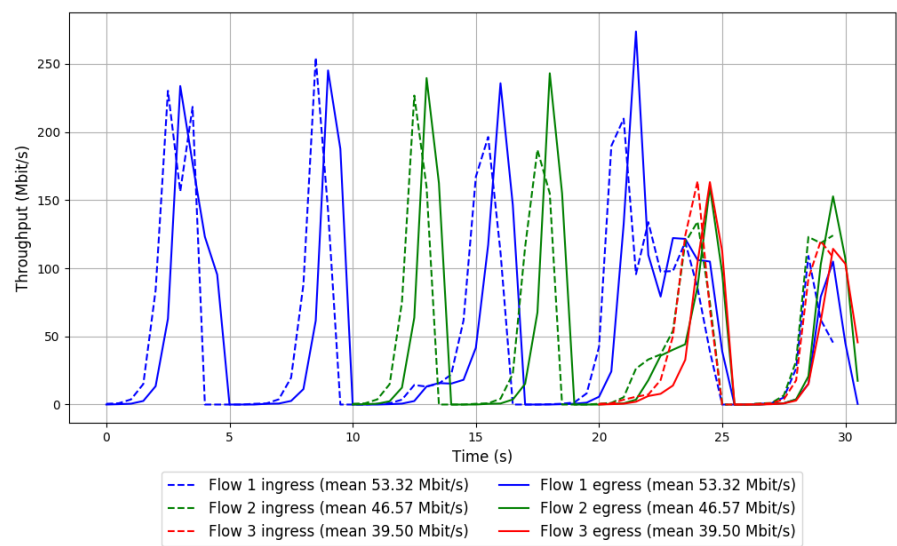


Run 8: Statistics of Copa

Start at: 2018-07-10 03:55:26
End at: 2018-07-10 03:55:56
Local clock offset: 1.072 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-07-10 05:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 141.004 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.32 Mbit/s
95th percentile per-packet one-way delay: 130.209 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.57 Mbit/s
95th percentile per-packet one-way delay: 159.244 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 39.50 Mbit/s
95th percentile per-packet one-way delay: 141.135 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-07-10 04:21:39

End at: 2018-07-10 04:22:09

Local clock offset: -0.136 ms

Remote clock offset: 0.318 ms

Below is generated by plot.py at 2018-07-10 05:18:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 124.12 Mbit/s

95th percentile per-packet one-way delay: 121.315 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 86.13 Mbit/s

95th percentile per-packet one-way delay: 119.250 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.51 Mbit/s

95th percentile per-packet one-way delay: 127.391 ms

Loss rate: 0.00%

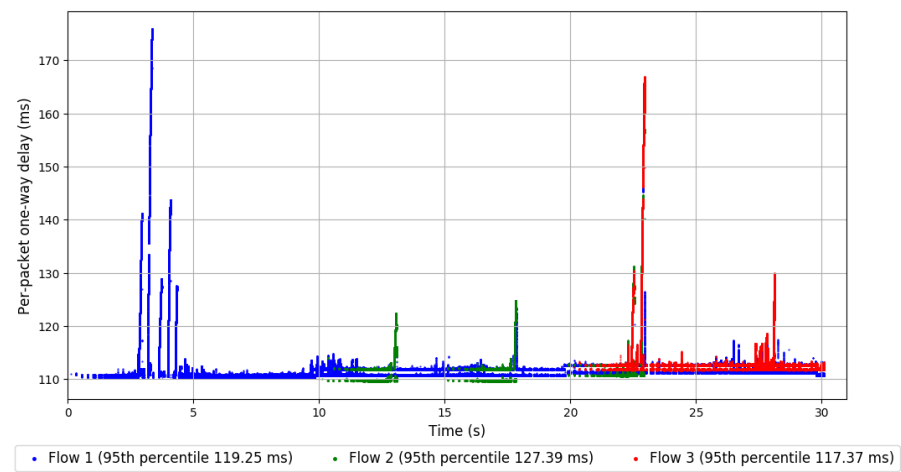
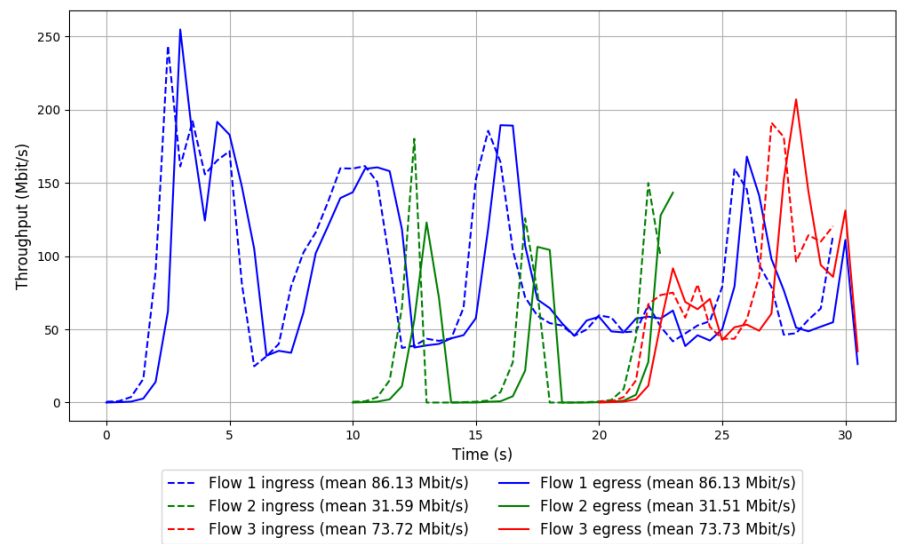
-- Flow 3:

Average throughput: 73.73 Mbit/s

95th percentile per-packet one-way delay: 117.373 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link

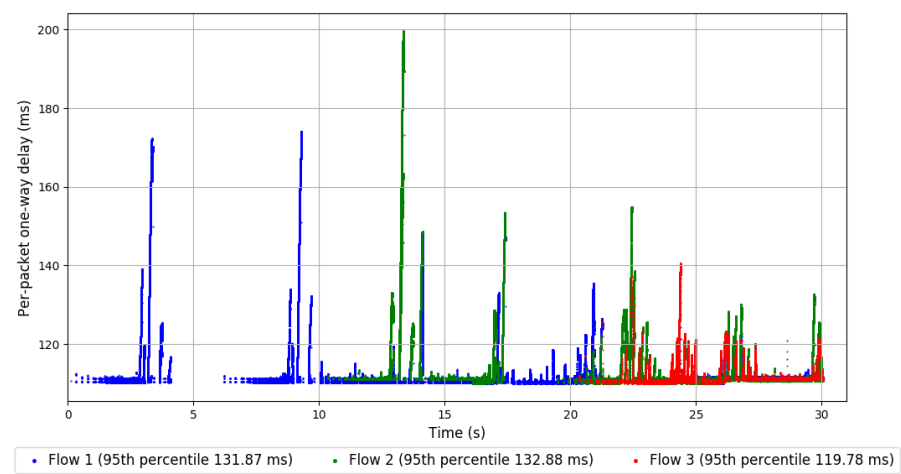
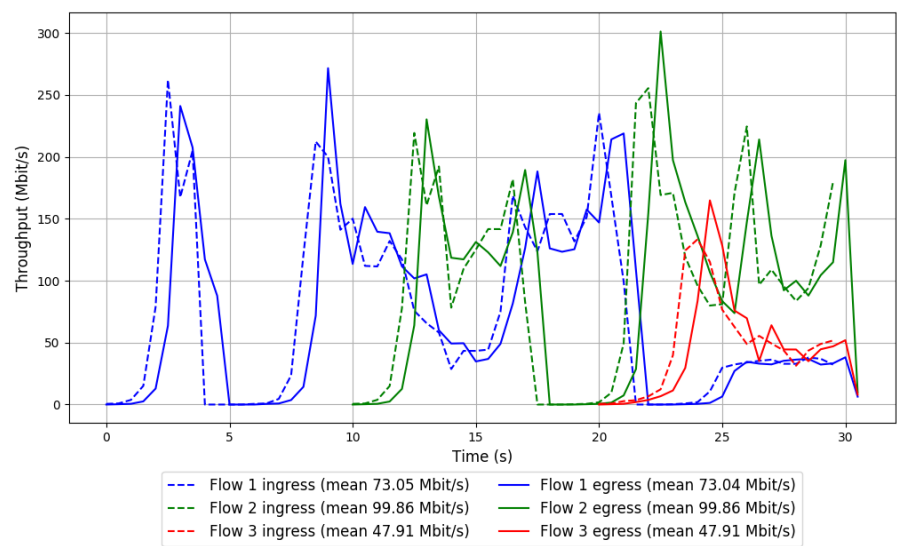


Run 10: Statistics of Copa

Start at: 2018-07-10 04:47:32
End at: 2018-07-10 04:48:02
Local clock offset: -0.255 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-07-10 05:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 155.36 Mbit/s
95th percentile per-packet one-way delay: 131.865 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.04 Mbit/s
95th percentile per-packet one-way delay: 131.873 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 99.86 Mbit/s
95th percentile per-packet one-way delay: 132.879 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.91 Mbit/s
95th percentile per-packet one-way delay: 119.779 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-07-10 00:35:04

End at: 2018-07-10 00:35:34

Local clock offset: -0.119 ms

Remote clock offset: 0.344 ms

Below is generated by plot.py at 2018-07-10 05:19:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 147.29 Mbit/s

95th percentile per-packet one-way delay: 123.297 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 102.69 Mbit/s

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

Loss rate: 0.00%

-- Flow 2:

Average throughput: 22.07 Mbit/s

95th percentile per-packet one-way delay: 122.214 ms

Loss rate: 0.02%

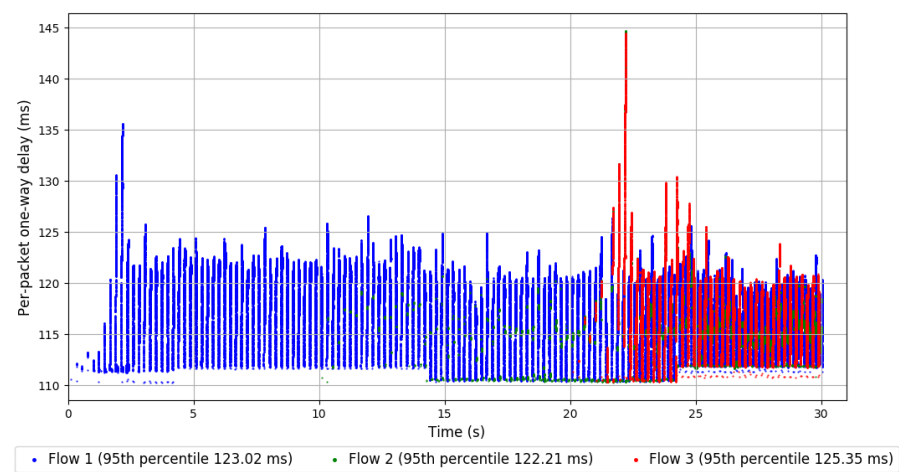
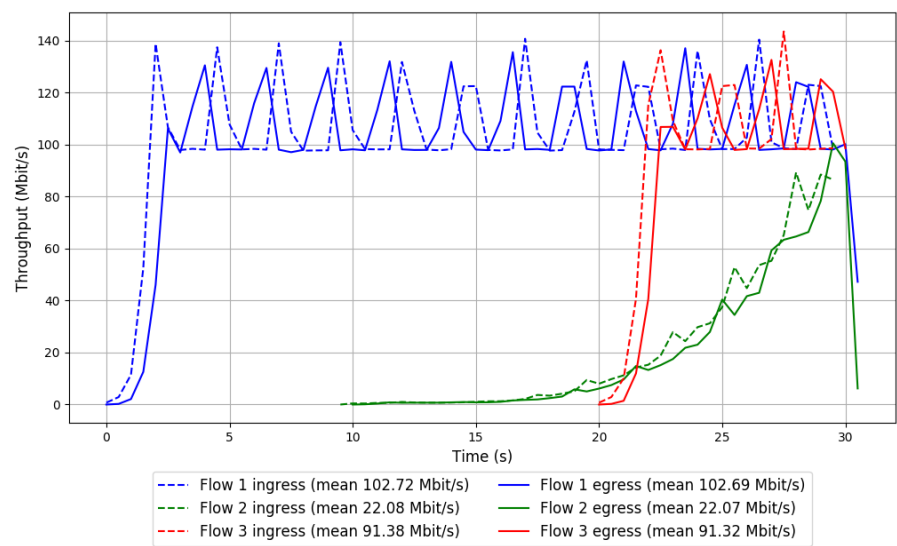
-- Flow 3:

Average throughput: 91.32 Mbit/s

95th percentile per-packet one-way delay: 125.348 ms

Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

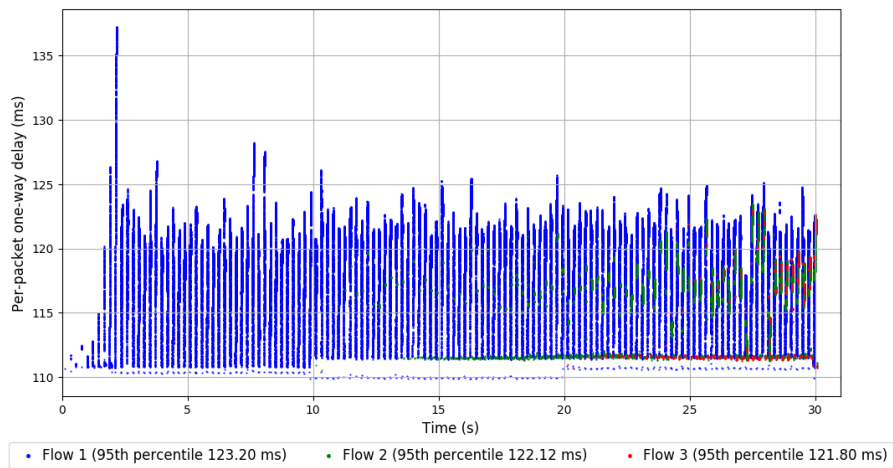
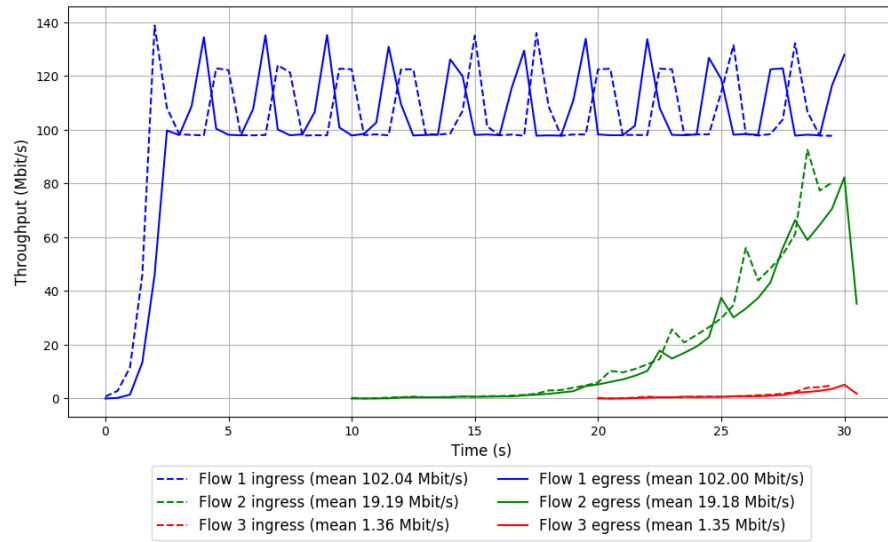


Run 2: Statistics of TCP Cubic

Start at: 2018-07-10 01:00:59
End at: 2018-07-10 01:01:29
Local clock offset: -0.136 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-07-10 05:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 114.90 Mbit/s
95th percentile per-packet one-way delay: 123.069 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 102.00 Mbit/s
95th percentile per-packet one-way delay: 123.201 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.18 Mbit/s
95th percentile per-packet one-way delay: 122.120 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 121.800 ms
Loss rate: 0.88%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-07-10 01:27:06

End at: 2018-07-10 01:27:36

Local clock offset: -1.536 ms

Remote clock offset: 0.29 ms

Below is generated by plot.py at 2018-07-10 05:19:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 198.19 Mbit/s

95th percentile per-packet one-way delay: 124.849 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 102.81 Mbit/s

95th percentile per-packet one-way delay: 123.910 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 99.26 Mbit/s

95th percentile per-packet one-way delay: 127.890 ms

Loss rate: 0.14%

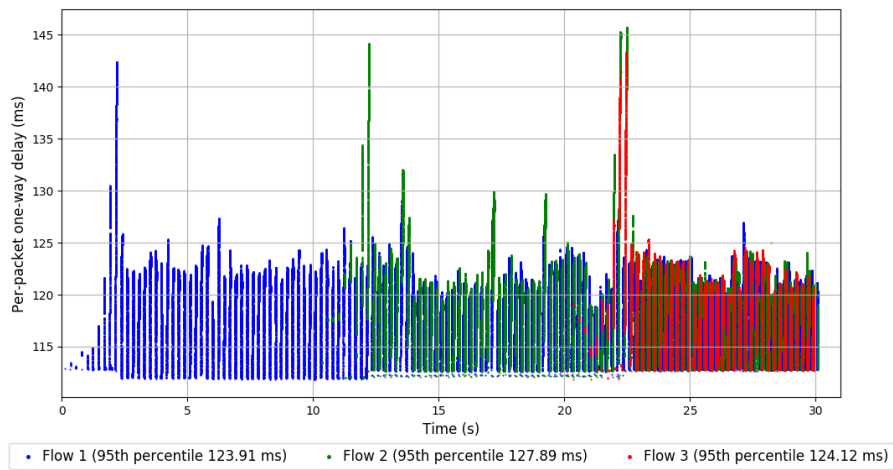
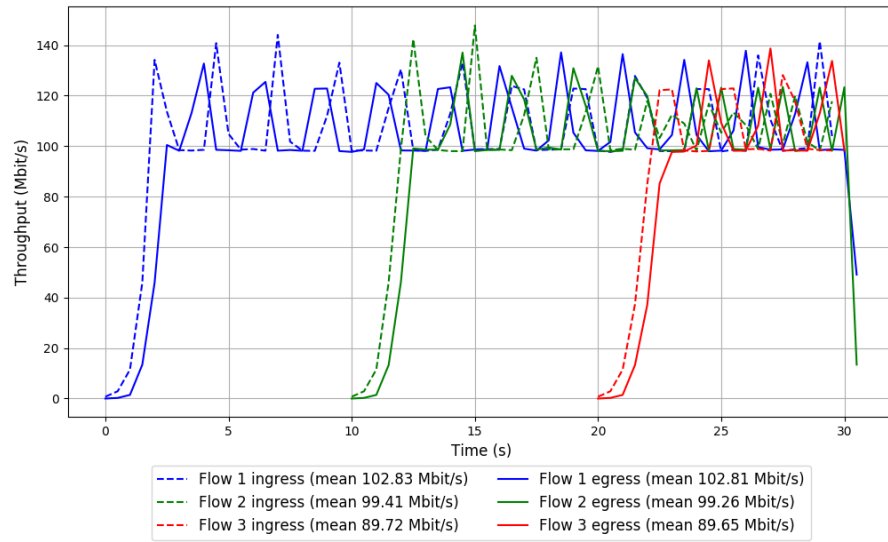
-- Flow 3:

Average throughput: 89.65 Mbit/s

95th percentile per-packet one-way delay: 124.118 ms

Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-07-10 01:53:09

End at: 2018-07-10 01:53:39

Local clock offset: -0.13 ms

Remote clock offset: 0.319 ms

Below is generated by plot.py at 2018-07-10 05:20:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 200.34 Mbit/s

95th percentile per-packet one-way delay: 122.372 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 103.30 Mbit/s

95th percentile per-packet one-way delay: 121.955 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 100.51 Mbit/s

95th percentile per-packet one-way delay: 123.145 ms

Loss rate: 0.00%

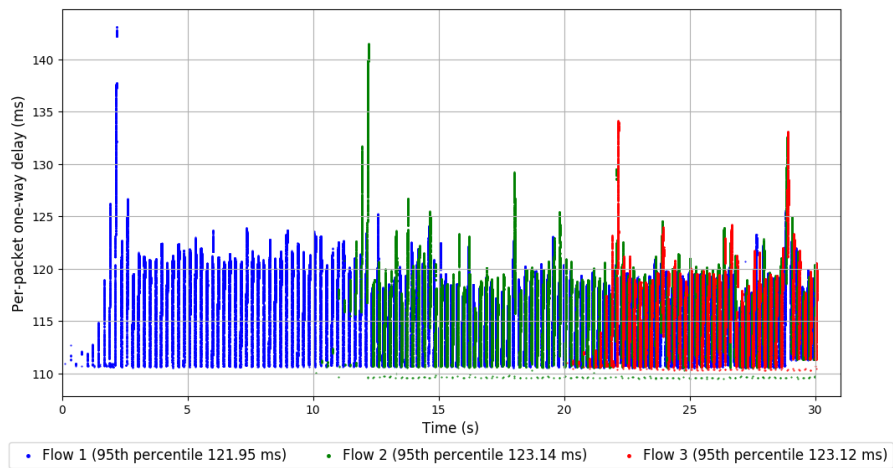
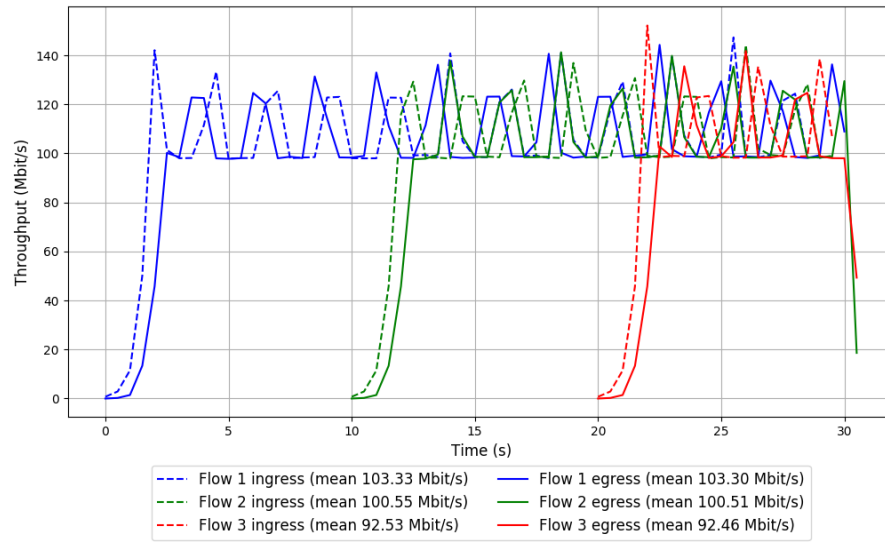
-- Flow 3:

Average throughput: 92.46 Mbit/s

95th percentile per-packet one-way delay: 123.118 ms

Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

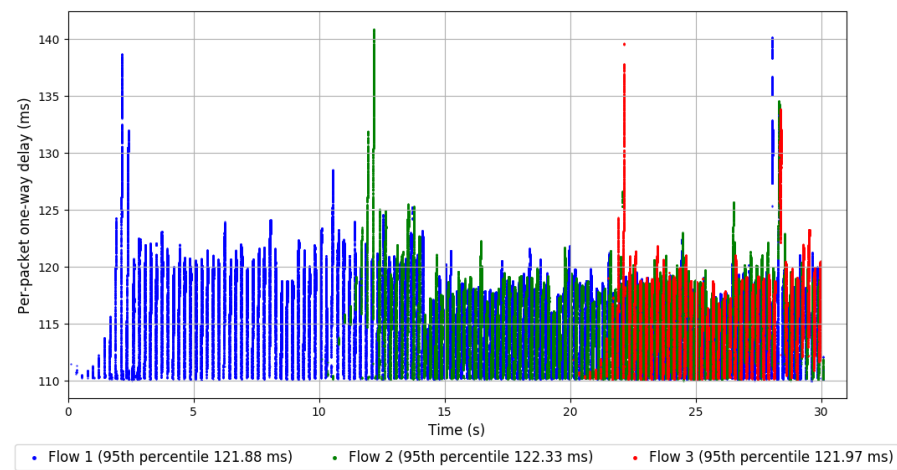
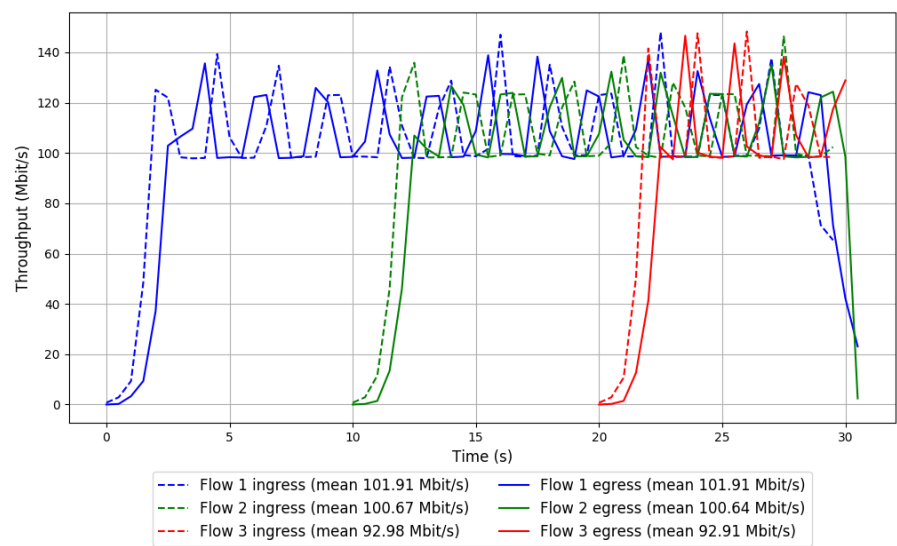


Run 5: Statistics of TCP Cubic

Start at: 2018-07-10 02:18:54
End at: 2018-07-10 02:19:24
Local clock offset: -1.419 ms
Remote clock offset: -0.414 ms

Below is generated by plot.py at 2018-07-10 05:20:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 199.46 Mbit/s
95th percentile per-packet one-way delay: 122.003 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 101.91 Mbit/s
95th percentile per-packet one-way delay: 121.881 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.64 Mbit/s
95th percentile per-packet one-way delay: 122.327 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 121.967 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-07-10 02:45:02

End at: 2018-07-10 02:45:32

Local clock offset: 0.046 ms

Remote clock offset: -0.42 ms

Below is generated by plot.py at 2018-07-10 05:20:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 148.33 Mbit/s

95th percentile per-packet one-way delay: 122.707 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 103.11 Mbit/s

95th percentile per-packet one-way delay: 123.019 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 21.95 Mbit/s

95th percentile per-packet one-way delay: 116.563 ms

Loss rate: 0.26%

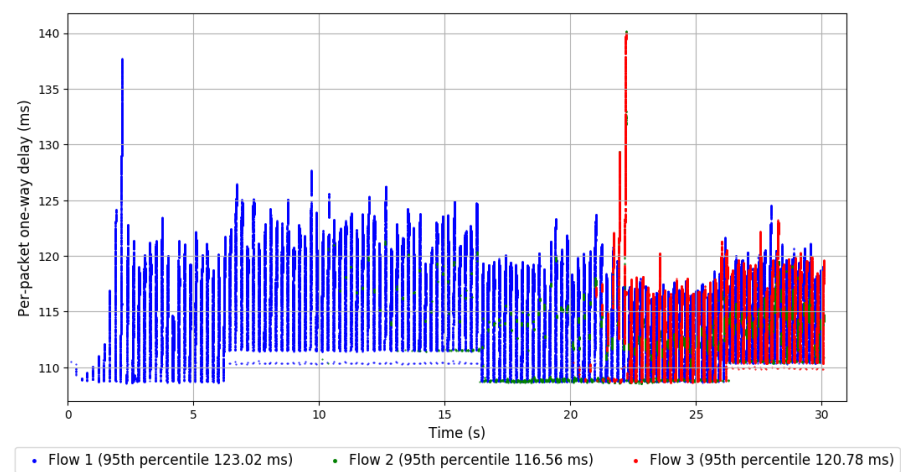
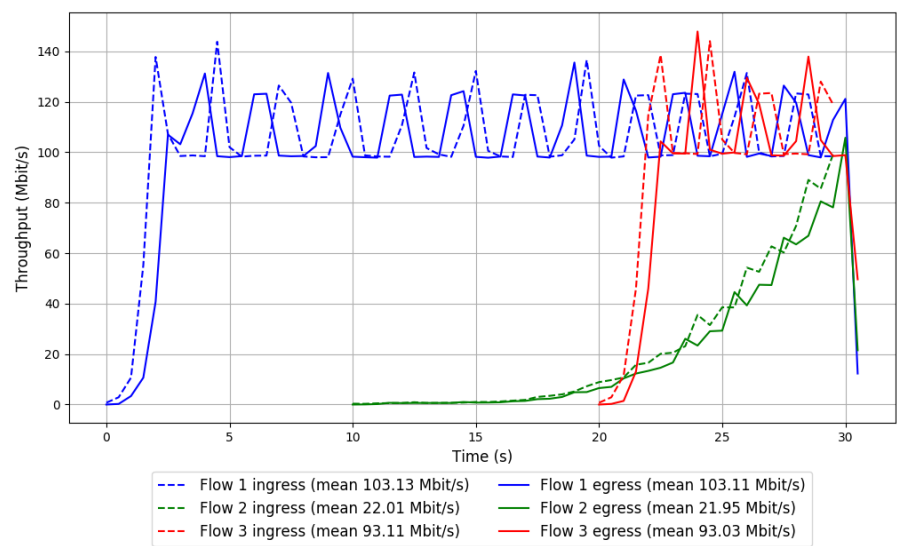
-- Flow 3:

Average throughput: 93.03 Mbit/s

95th percentile per-packet one-way delay: 120.776 ms

Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

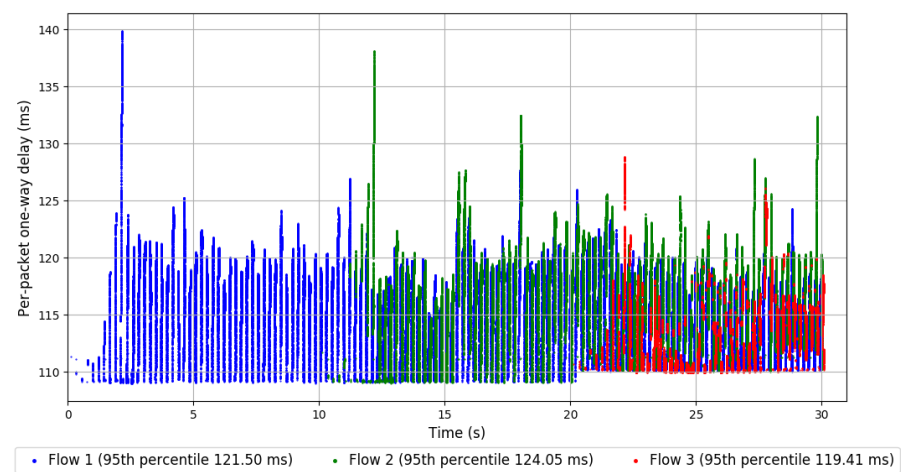
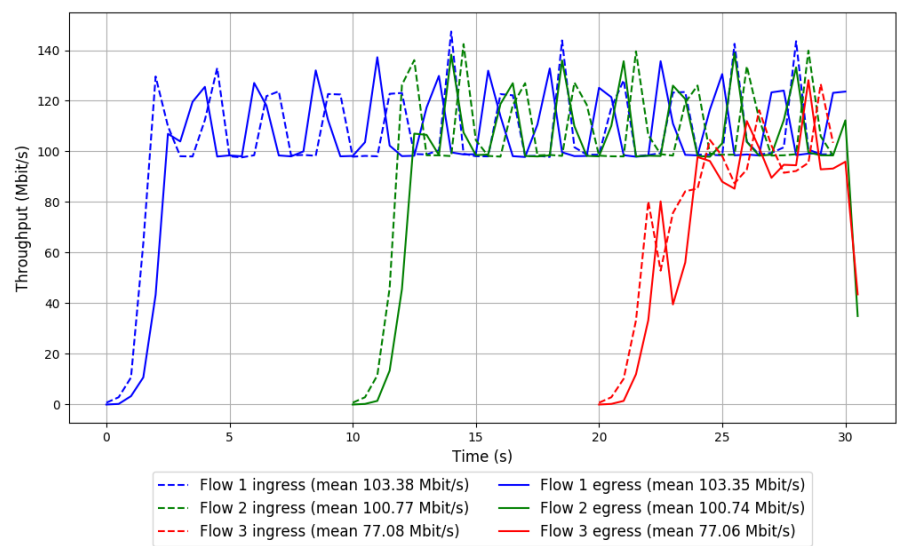


Run 7: Statistics of TCP Cubic

Start at: 2018-07-10 03:10:48
End at: 2018-07-10 03:11:18
Local clock offset: 0.026 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-07-10 05:20:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 195.49 Mbit/s
95th percentile per-packet one-way delay: 122.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.35 Mbit/s
95th percentile per-packet one-way delay: 121.498 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.74 Mbit/s
95th percentile per-packet one-way delay: 124.045 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 77.06 Mbit/s
95th percentile per-packet one-way delay: 119.411 ms
Loss rate: 0.02%

Run 7: Report of TCP Cubic — Data Link

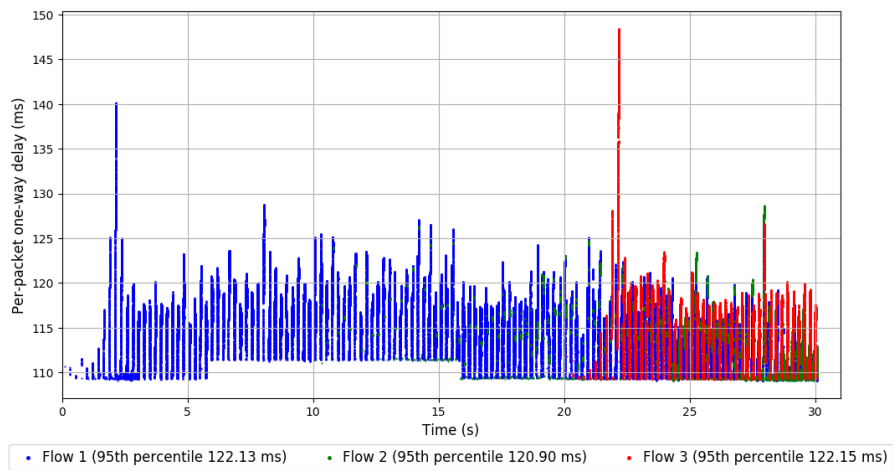
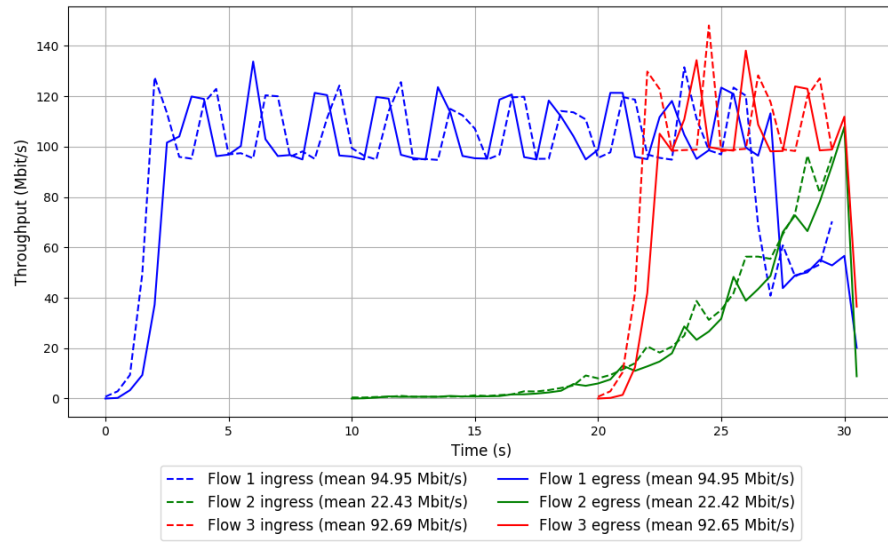


Run 8: Statistics of TCP Cubic

Start at: 2018-07-10 03:36:33
End at: 2018-07-10 03:37:03
Local clock offset: -0.113 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-10 05:20:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 140.53 Mbit/s
95th percentile per-packet one-way delay: 122.062 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 122.131 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.42 Mbit/s
95th percentile per-packet one-way delay: 120.904 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 122.153 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

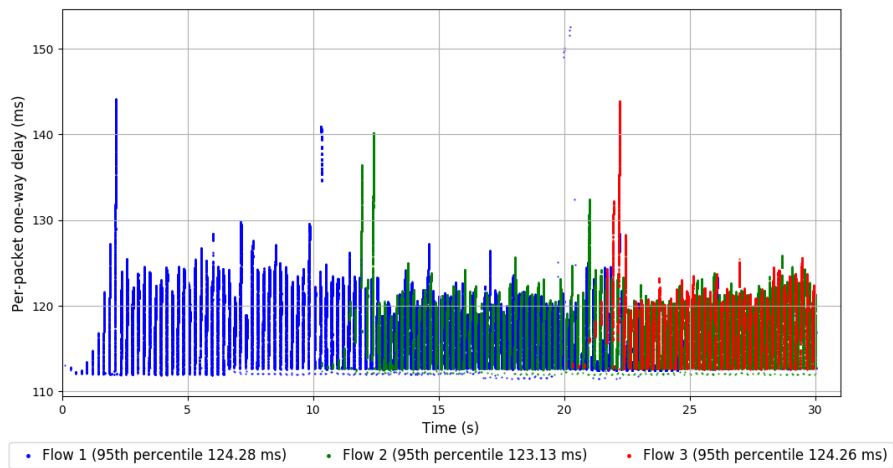
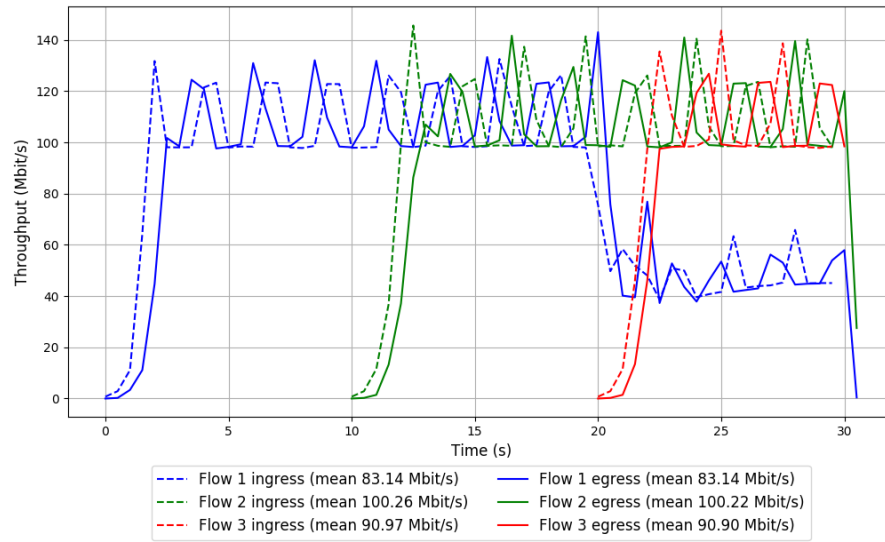


Run 9: Statistics of TCP Cubic

Start at: 2018-07-10 04:02:42
End at: 2018-07-10 04:03:12
Local clock offset: -1.216 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-10 05:21:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 179.54 Mbit/s
95th percentile per-packet one-way delay: 123.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 124.277 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 100.22 Mbit/s
95th percentile per-packet one-way delay: 123.126 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.90 Mbit/s
95th percentile per-packet one-way delay: 124.261 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link

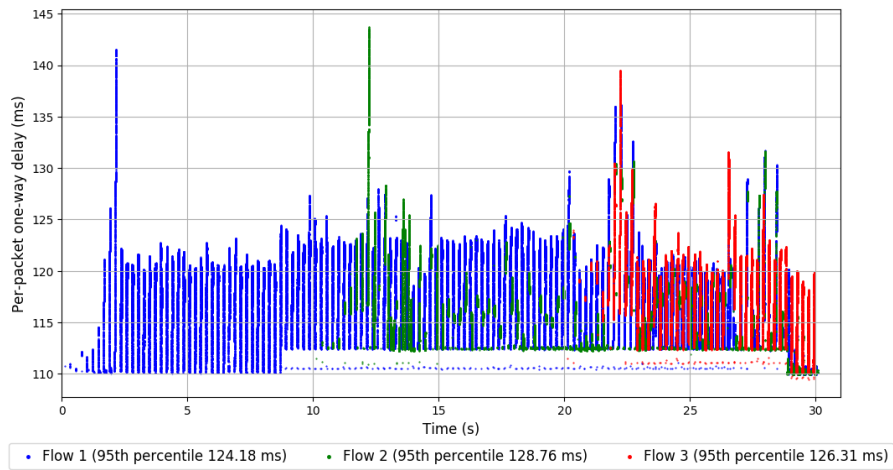
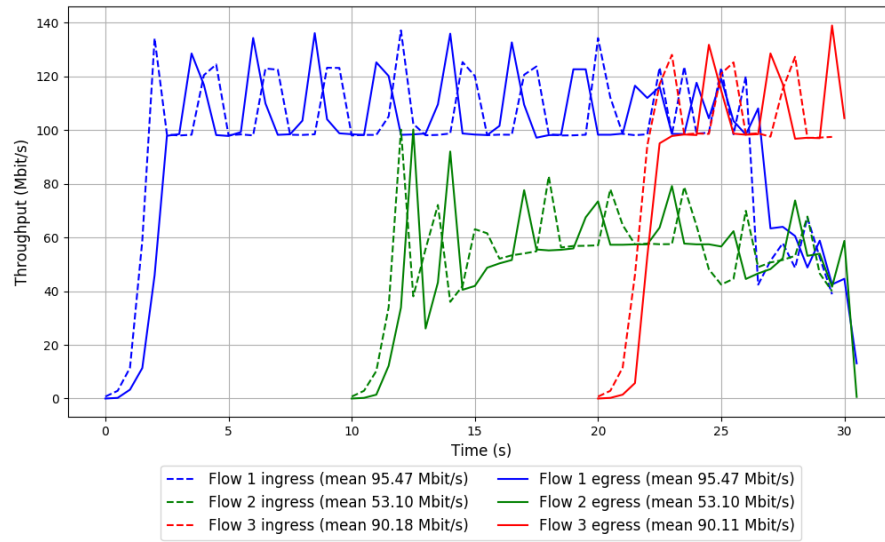


Run 10: Statistics of TCP Cubic

Start at: 2018-07-10 04:28:50
End at: 2018-07-10 04:29:20
Local clock offset: -0.262 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-07-10 05:21:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 160.37 Mbit/s
95th percentile per-packet one-way delay: 125.942 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 124.178 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 128.758 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 126.307 ms
Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link

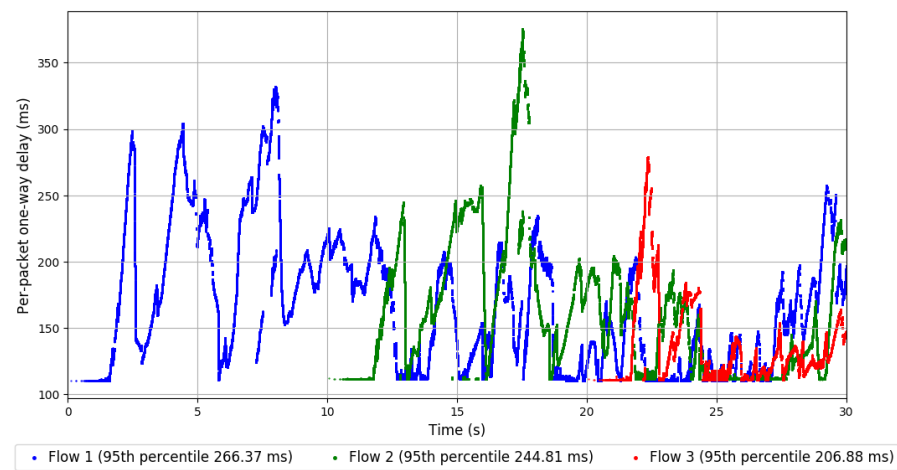
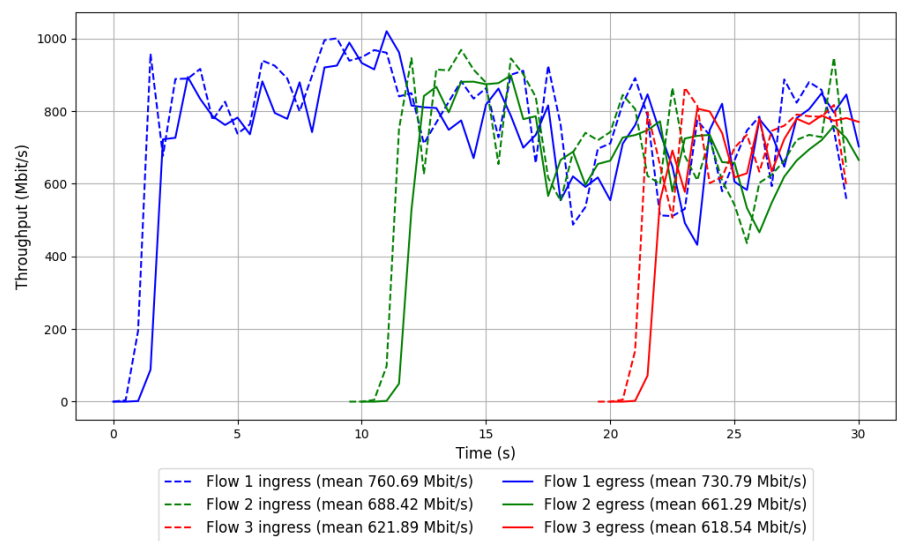


Run 1: Statistics of FillP

Start at: 2018-07-10 00:38:19
End at: 2018-07-10 00:38:49
Local clock offset: -0.059 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-07-10 05:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 1377.17 Mbit/s
95th percentile per-packet one-way delay: 253.351 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 730.79 Mbit/s
95th percentile per-packet one-way delay: 266.368 ms
Loss rate: 3.93%
-- Flow 2:
Average throughput: 661.29 Mbit/s
95th percentile per-packet one-way delay: 244.813 ms
Loss rate: 3.86%
-- Flow 3:
Average throughput: 618.54 Mbit/s
95th percentile per-packet one-way delay: 206.875 ms
Loss rate: 0.54%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-07-10 01:04:19

End at: 2018-07-10 01:04:49

Local clock offset: -0.149 ms

Remote clock offset: 0.254 ms

Below is generated by plot.py at 2018-07-10 05:45:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 1370.34 Mbit/s

95th percentile per-packet one-way delay: 261.382 ms

Loss rate: 3.09%

-- Flow 1:

Average throughput: 733.56 Mbit/s

95th percentile per-packet one-way delay: 266.816 ms

Loss rate: 2.99%

-- Flow 2:

Average throughput: 700.21 Mbit/s

95th percentile per-packet one-way delay: 264.533 ms

Loss rate: 3.39%

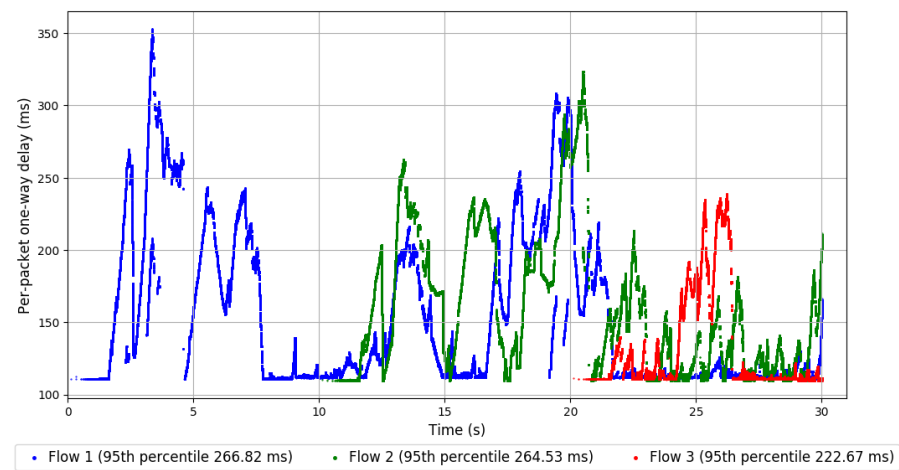
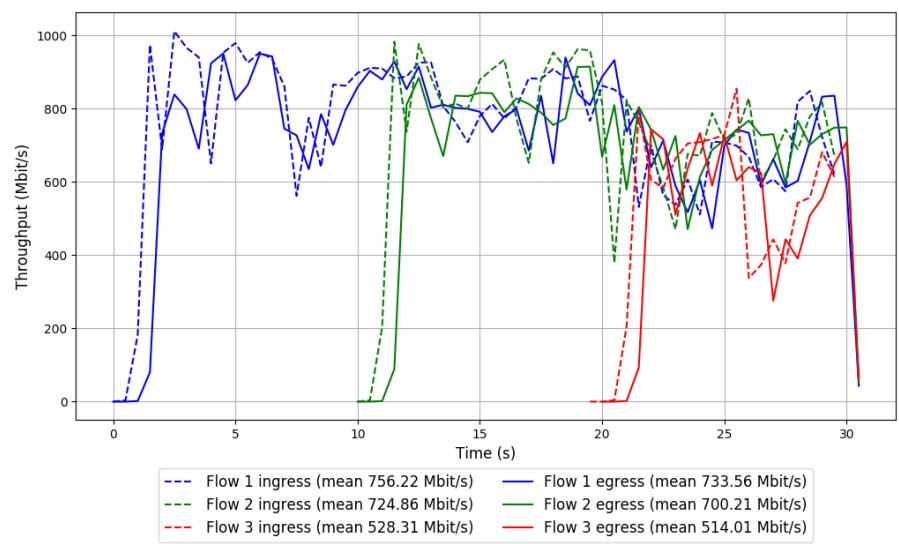
-- Flow 3:

Average throughput: 514.01 Mbit/s

95th percentile per-packet one-way delay: 222.674 ms

Loss rate: 2.71%

Run 2: Report of FillP — Data Link

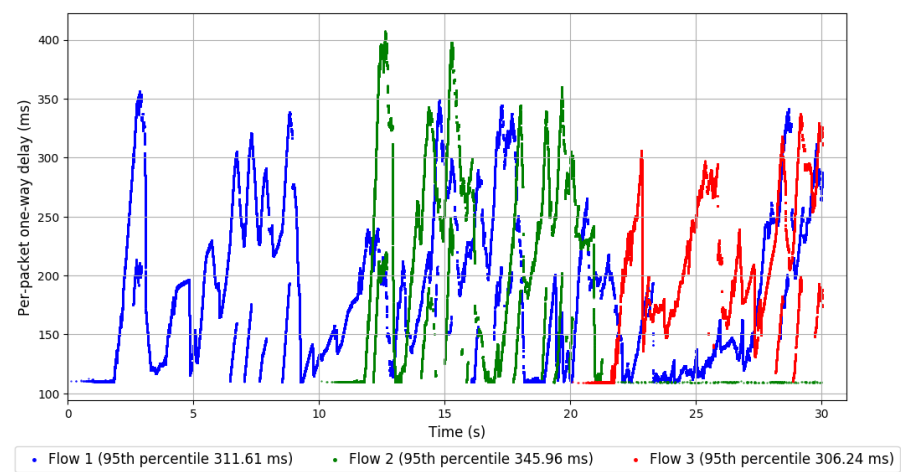
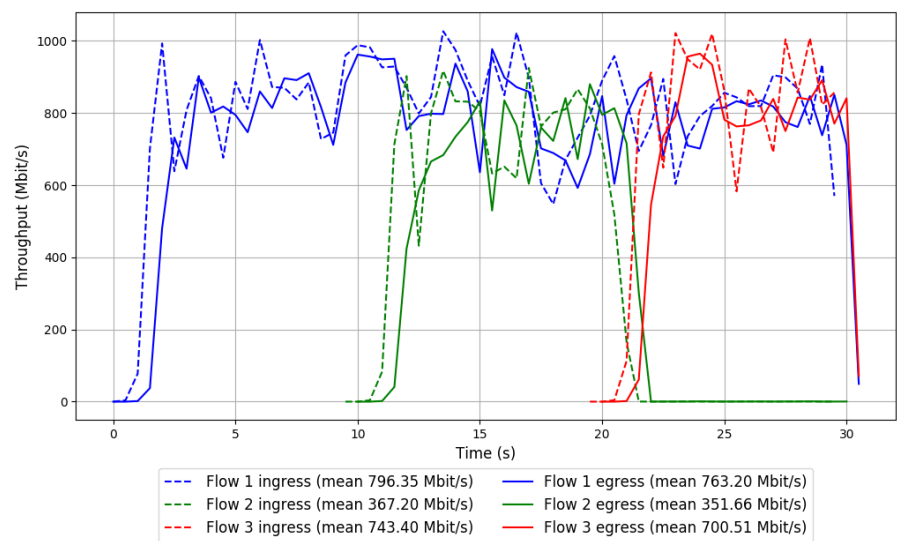


Run 3: Statistics of FillP

Start at: 2018-07-10 01:30:20
End at: 2018-07-10 01:30:50
Local clock offset: 0.962 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-07-10 05:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 1229.54 Mbit/s
95th percentile per-packet one-way delay: 320.445 ms
Loss rate: 4.43%
-- Flow 1:
Average throughput: 763.20 Mbit/s
95th percentile per-packet one-way delay: 311.607 ms
Loss rate: 4.12%
-- Flow 2:
Average throughput: 351.66 Mbit/s
95th percentile per-packet one-way delay: 345.965 ms
Loss rate: 4.23%
-- Flow 3:
Average throughput: 700.51 Mbit/s
95th percentile per-packet one-way delay: 306.242 ms
Loss rate: 5.62%

Run 3: Report of FillP — Data Link

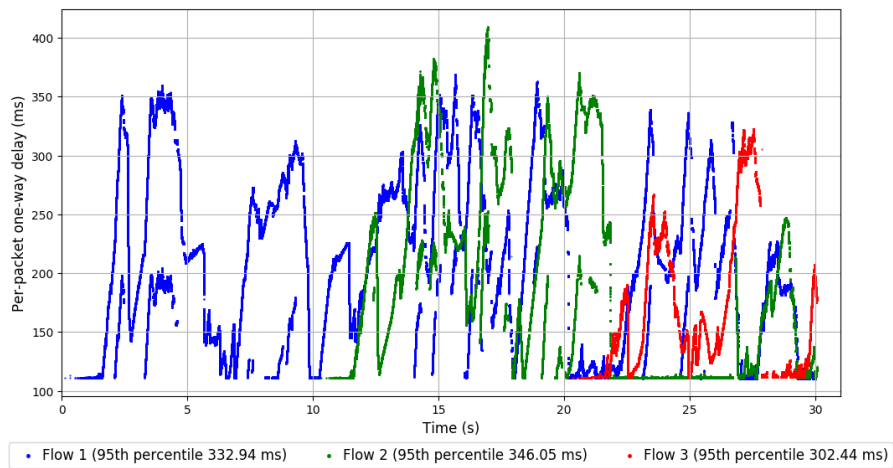
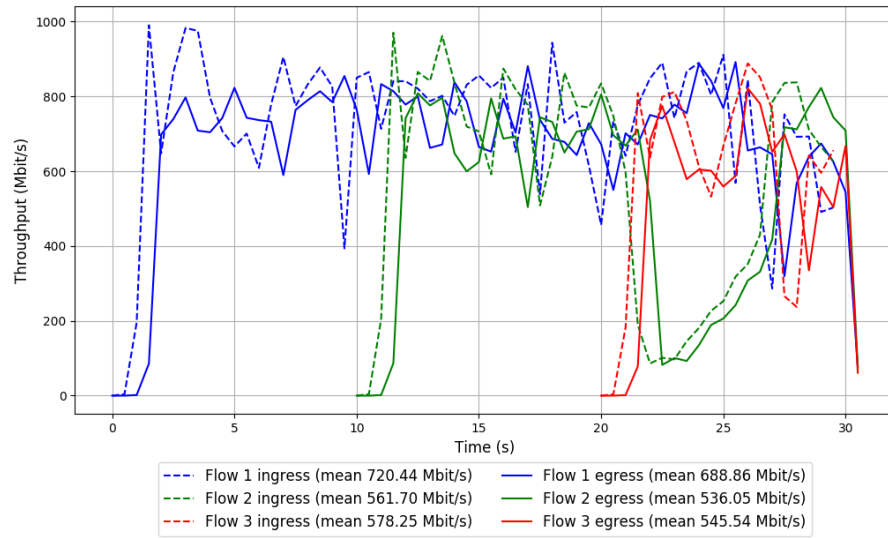


Run 4: Statistics of FillP

Start at: 2018-07-10 01:56:25
End at: 2018-07-10 01:56:55
Local clock offset: -1.414 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-07-10 05:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 1226.53 Mbit/s
95th percentile per-packet one-way delay: 335.969 ms
Loss rate: 4.62%
-- Flow 1:
Average throughput: 688.86 Mbit/s
95th percentile per-packet one-way delay: 332.940 ms
Loss rate: 4.38%
-- Flow 2:
Average throughput: 536.05 Mbit/s
95th percentile per-packet one-way delay: 346.046 ms
Loss rate: 4.55%
-- Flow 3:
Average throughput: 545.54 Mbit/s
95th percentile per-packet one-way delay: 302.440 ms
Loss rate: 5.64%

Run 4: Report of FillP — Data Link

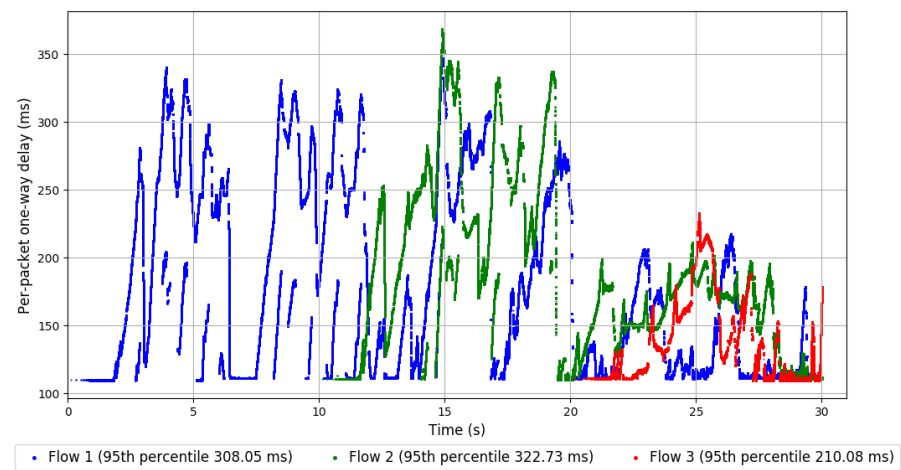
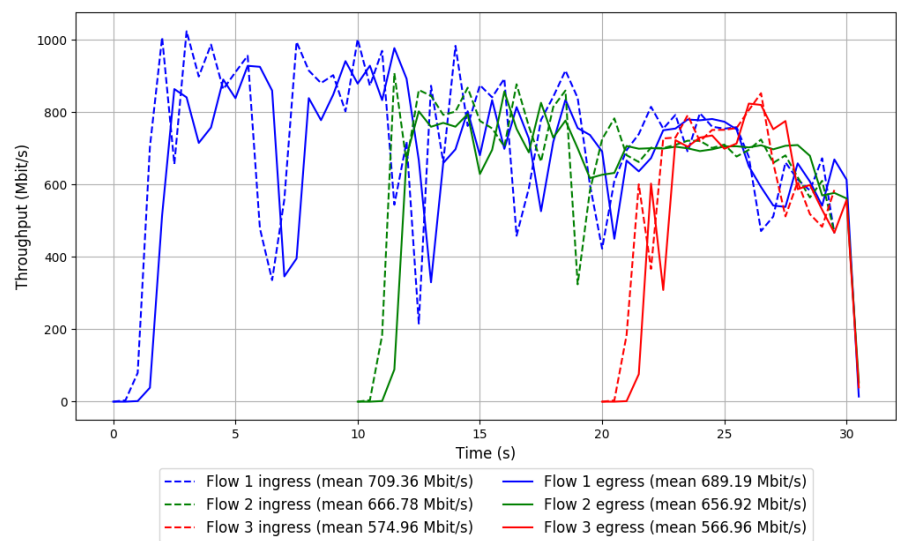


Run 5: Statistics of FillP

Start at: 2018-07-10 02:22:33
End at: 2018-07-10 02:23:03
Local clock offset: -0.301 ms
Remote clock offset: -0.374 ms

Below is generated by plot.py at 2018-07-10 05:45:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 1314.53 Mbit/s
95th percentile per-packet one-way delay: 308.113 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 689.19 Mbit/s
95th percentile per-packet one-way delay: 308.048 ms
Loss rate: 2.84%
-- Flow 2:
Average throughput: 656.92 Mbit/s
95th percentile per-packet one-way delay: 322.729 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 566.96 Mbit/s
95th percentile per-packet one-way delay: 210.076 ms
Loss rate: 1.40%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-07-10 02:48:26

End at: 2018-07-10 02:48:56

Local clock offset: 0.045 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-07-10 05:45:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 1304.76 Mbit/s

95th percentile per-packet one-way delay: 288.102 ms

Loss rate: 1.58%

-- Flow 1:

Average throughput: 687.64 Mbit/s

95th percentile per-packet one-way delay: 305.184 ms

Loss rate: 2.53%

-- Flow 2:

Average throughput: 636.77 Mbit/s

95th percentile per-packet one-way delay: 274.177 ms

Loss rate: 0.23%

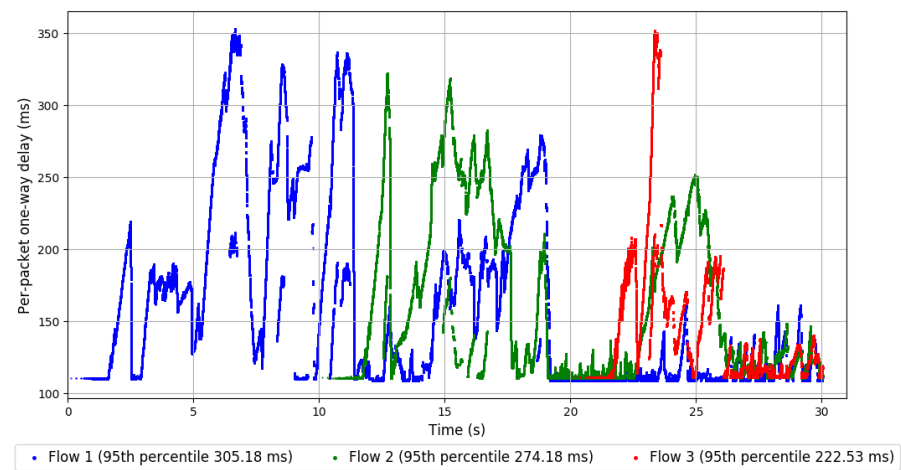
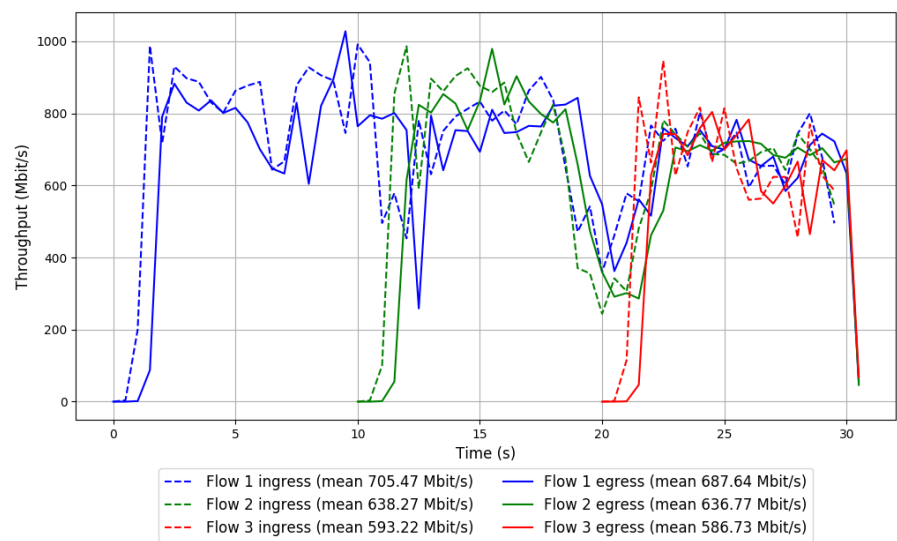
-- Flow 3:

Average throughput: 586.73 Mbit/s

95th percentile per-packet one-way delay: 222.526 ms

Loss rate: 1.09%

Run 6: Report of FillP — Data Link

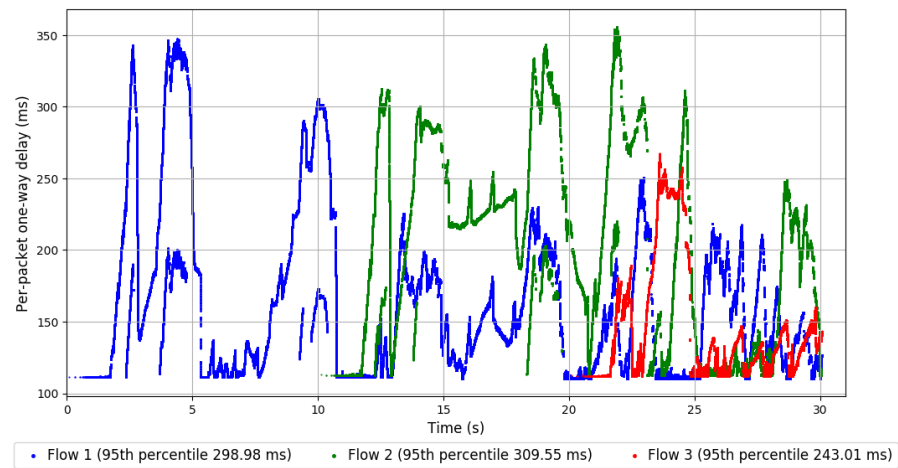
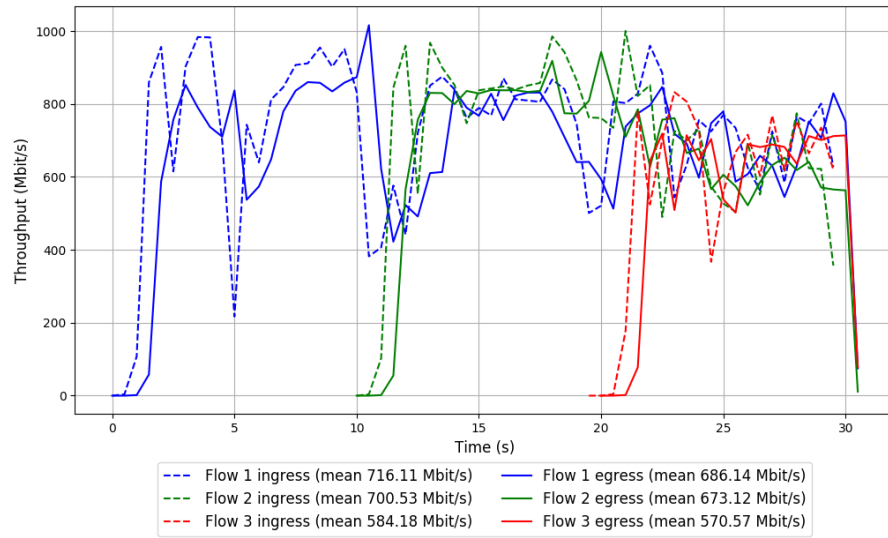


Run 7: Statistics of FillP

Start at: 2018-07-10 03:14:05
End at: 2018-07-10 03:14:35
Local clock offset: -1.592 ms
Remote clock offset: -0.45 ms

Below is generated by plot.py at 2018-07-10 05:46:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 1323.47 Mbit/s
95th percentile per-packet one-way delay: 302.336 ms
Loss rate: 3.88%
-- Flow 1:
Average throughput: 686.14 Mbit/s
95th percentile per-packet one-way delay: 298.976 ms
Loss rate: 4.20%
-- Flow 2:
Average throughput: 673.12 Mbit/s
95th percentile per-packet one-way delay: 309.550 ms
Loss rate: 4.00%
-- Flow 3:
Average throughput: 570.57 Mbit/s
95th percentile per-packet one-way delay: 243.006 ms
Loss rate: 2.38%

Run 7: Report of FillP — Data Link

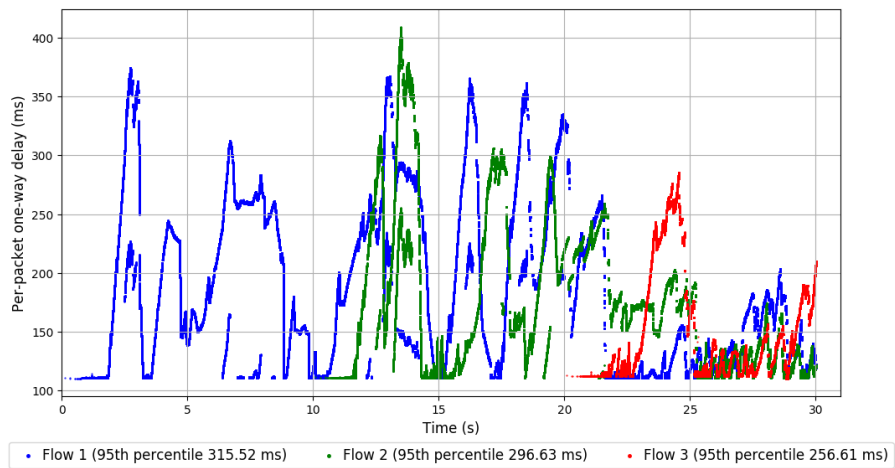
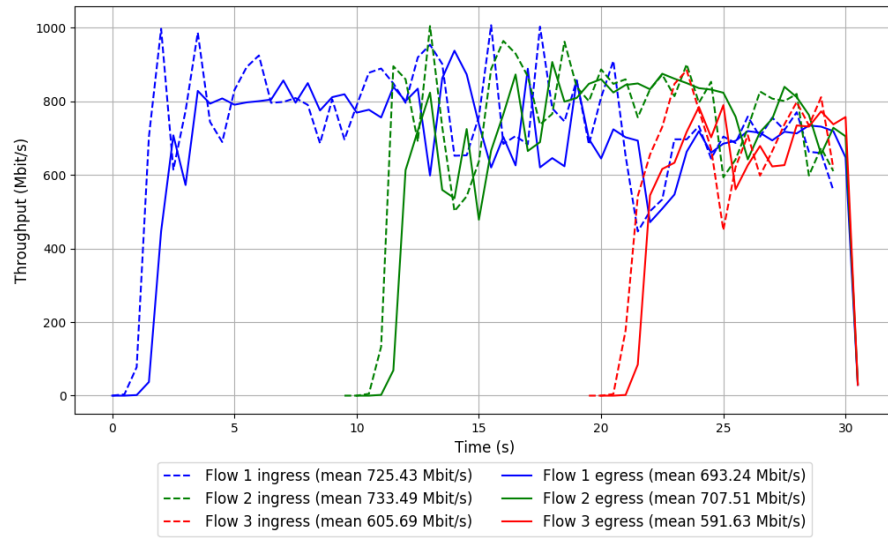


Run 8: Statistics of FillP

Start at: 2018-07-10 03:40:08
End at: 2018-07-10 03:40:38
Local clock offset: -0.096 ms
Remote clock offset: -0.462 ms

Below is generated by plot.py at 2018-07-10 05:47:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1361.35 Mbit/s
95th percentile per-packet one-way delay: 299.811 ms
Loss rate: 3.81%
-- Flow 1:
Average throughput: 693.24 Mbit/s
95th percentile per-packet one-way delay: 315.521 ms
Loss rate: 4.42%
-- Flow 2:
Average throughput: 707.51 Mbit/s
95th percentile per-packet one-way delay: 296.630 ms
Loss rate: 3.53%
-- Flow 3:
Average throughput: 591.63 Mbit/s
95th percentile per-packet one-way delay: 256.607 ms
Loss rate: 2.30%

Run 8: Report of FillP — Data Link

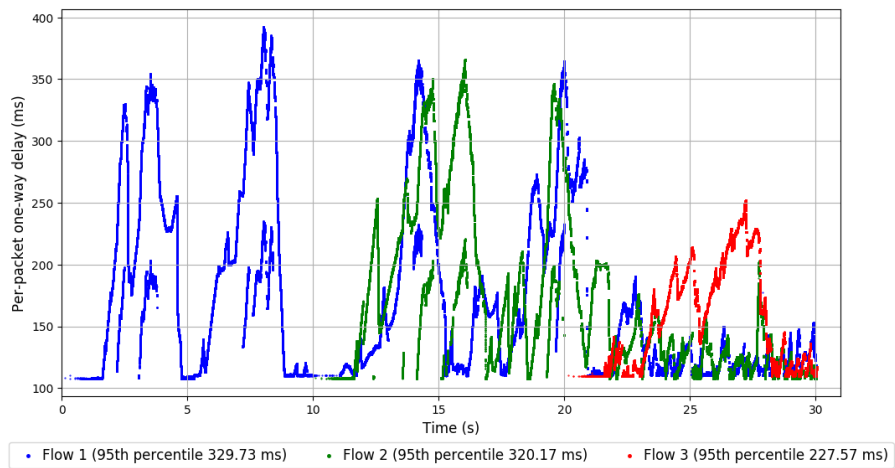
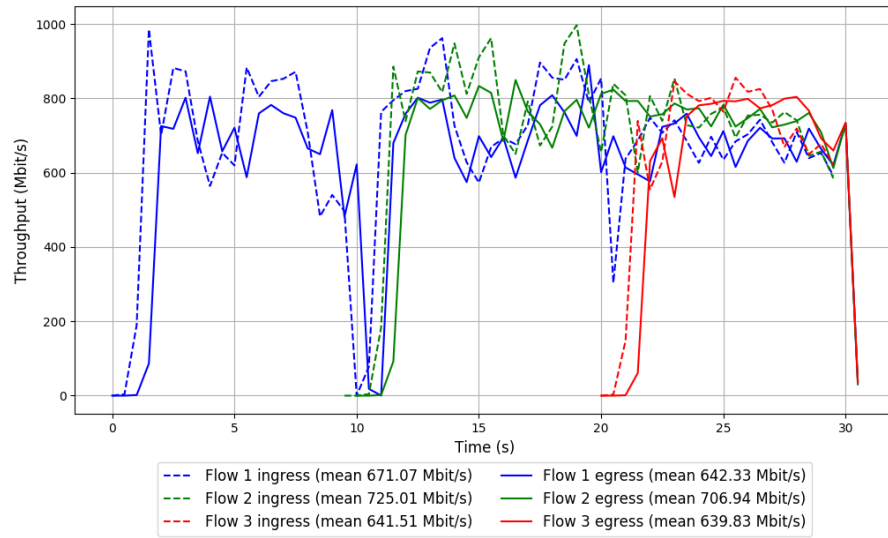


Run 9: Statistics of FillP

Start at: 2018-07-10 04:06:23
End at: 2018-07-10 04:06:53
Local clock offset: 1.166 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-07-10 06:07:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 1324.41 Mbit/s
95th percentile per-packet one-way delay: 318.882 ms
Loss rate: 3.00%
-- Flow 1:
Average throughput: 642.33 Mbit/s
95th percentile per-packet one-way delay: 329.727 ms
Loss rate: 4.25%
-- Flow 2:
Average throughput: 706.94 Mbit/s
95th percentile per-packet one-way delay: 320.174 ms
Loss rate: 2.49%
-- Flow 3:
Average throughput: 639.83 Mbit/s
95th percentile per-packet one-way delay: 227.572 ms
Loss rate: 0.19%

Run 9: Report of FillP — Data Link

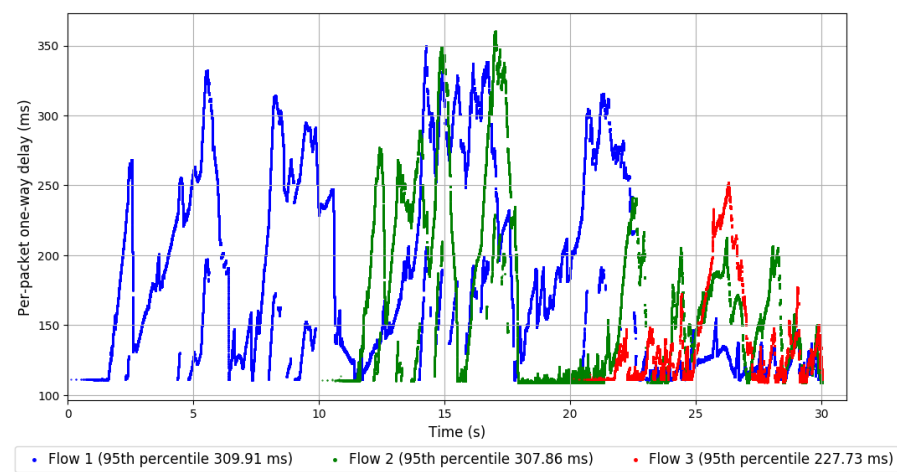
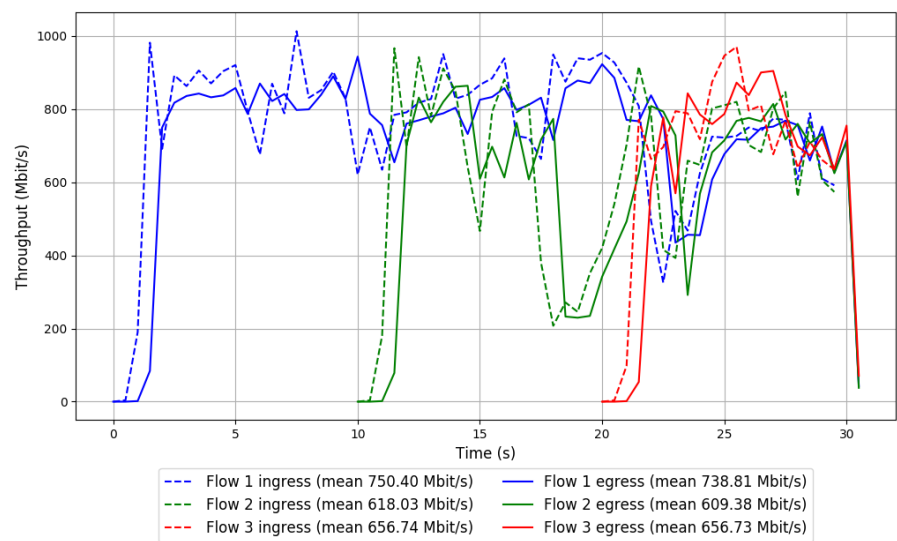


Run 10: Statistics of FillP

Start at: 2018-07-10 04:32:11
End at: 2018-07-10 04:32:41
Local clock offset: -0.061 ms
Remote clock offset: -0.128 ms

Below is generated by plot.py at 2018-07-10 06:08:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 1361.84 Mbit/s
95th percentile per-packet one-way delay: 305.823 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 738.81 Mbit/s
95th percentile per-packet one-way delay: 309.910 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 609.38 Mbit/s
95th percentile per-packet one-way delay: 307.858 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 656.73 Mbit/s
95th percentile per-packet one-way delay: 227.726 ms
Loss rate: 0.00%

Run 10: Report of FillP — Data Link

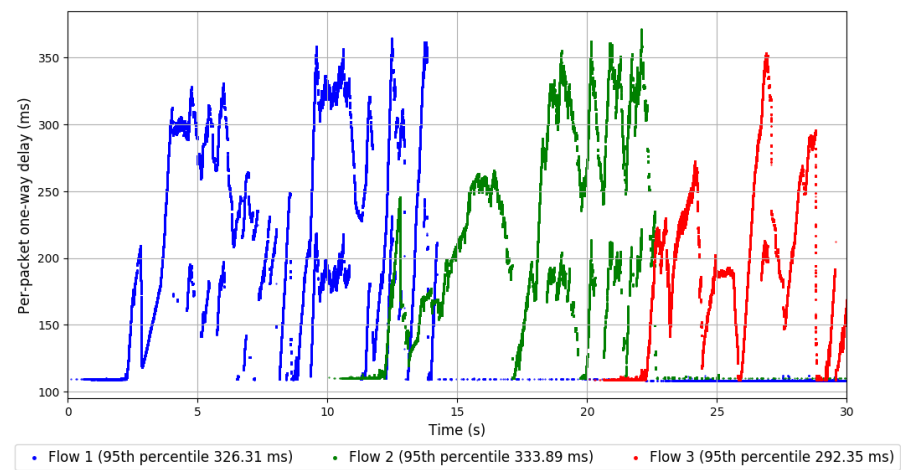
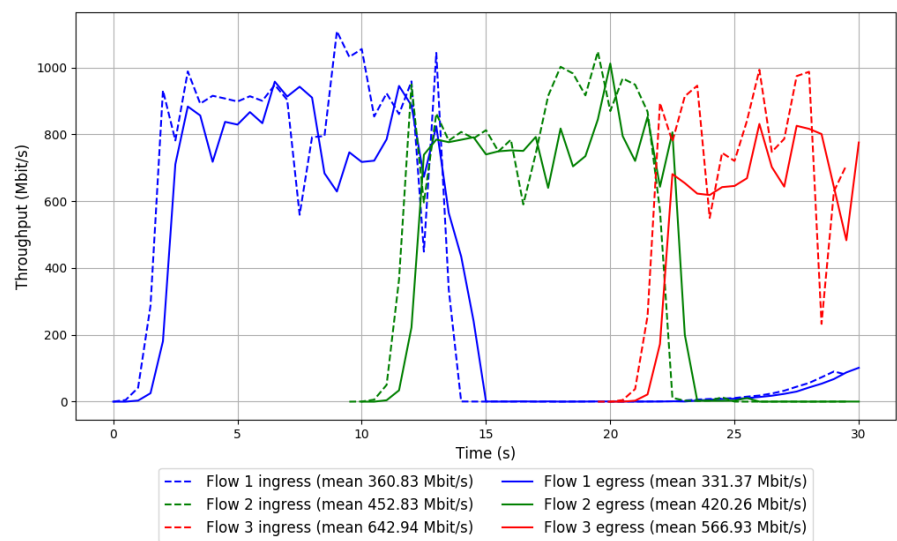


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-10 00:36:26
End at: 2018-07-10 00:36:56
Local clock offset: 1.112 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-07-10 06:08:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 798.96 Mbit/s
95th percentile per-packet one-way delay: 328.325 ms
Loss rate: 8.70%
-- Flow 1:
Average throughput: 331.37 Mbit/s
95th percentile per-packet one-way delay: 326.312 ms
Loss rate: 8.17%
-- Flow 2:
Average throughput: 420.26 Mbit/s
95th percentile per-packet one-way delay: 333.889 ms
Loss rate: 7.19%
-- Flow 3:
Average throughput: 566.93 Mbit/s
95th percentile per-packet one-way delay: 292.350 ms
Loss rate: 11.73%

Run 1: Report of FillP-Sheep — Data Link

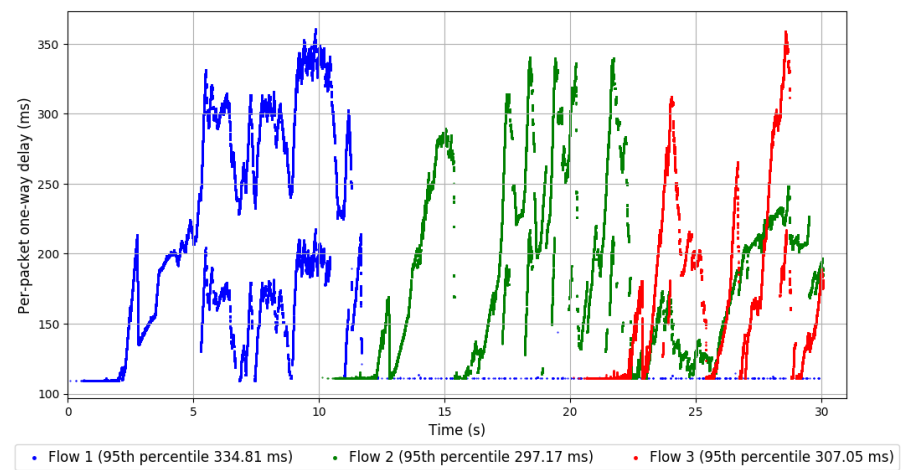
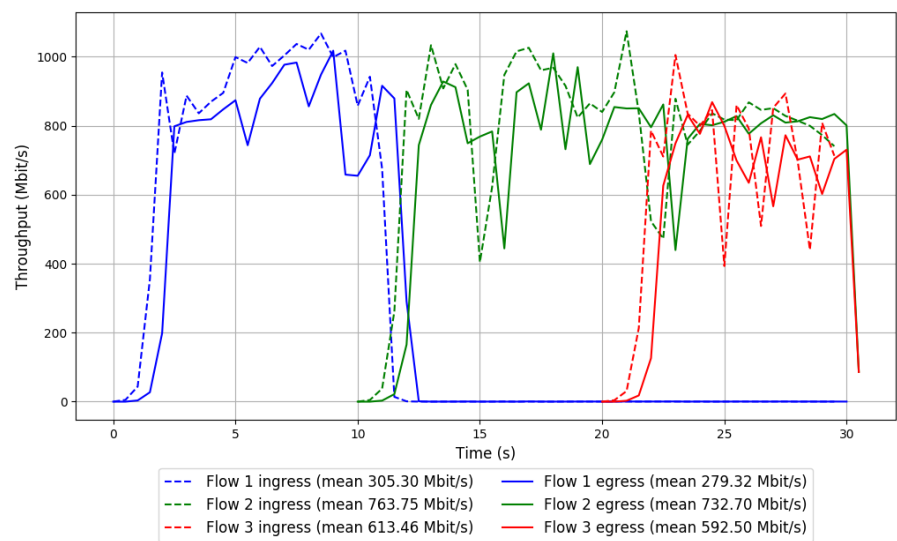


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-10 01:02:19
End at: 2018-07-10 01:02:49
Local clock offset: 0.001 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2018-07-10 06:08:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 962.01 Mbit/s
95th percentile per-packet one-way delay: 313.733 ms
Loss rate: 5.26%
-- Flow 1:
Average throughput: 279.32 Mbit/s
95th percentile per-packet one-way delay: 334.807 ms
Loss rate: 8.50%
-- Flow 2:
Average throughput: 732.70 Mbit/s
95th percentile per-packet one-way delay: 297.170 ms
Loss rate: 4.06%
-- Flow 3:
Average throughput: 592.50 Mbit/s
95th percentile per-packet one-way delay: 307.047 ms
Loss rate: 3.42%

Run 2: Report of FillP-Sheep — Data Link

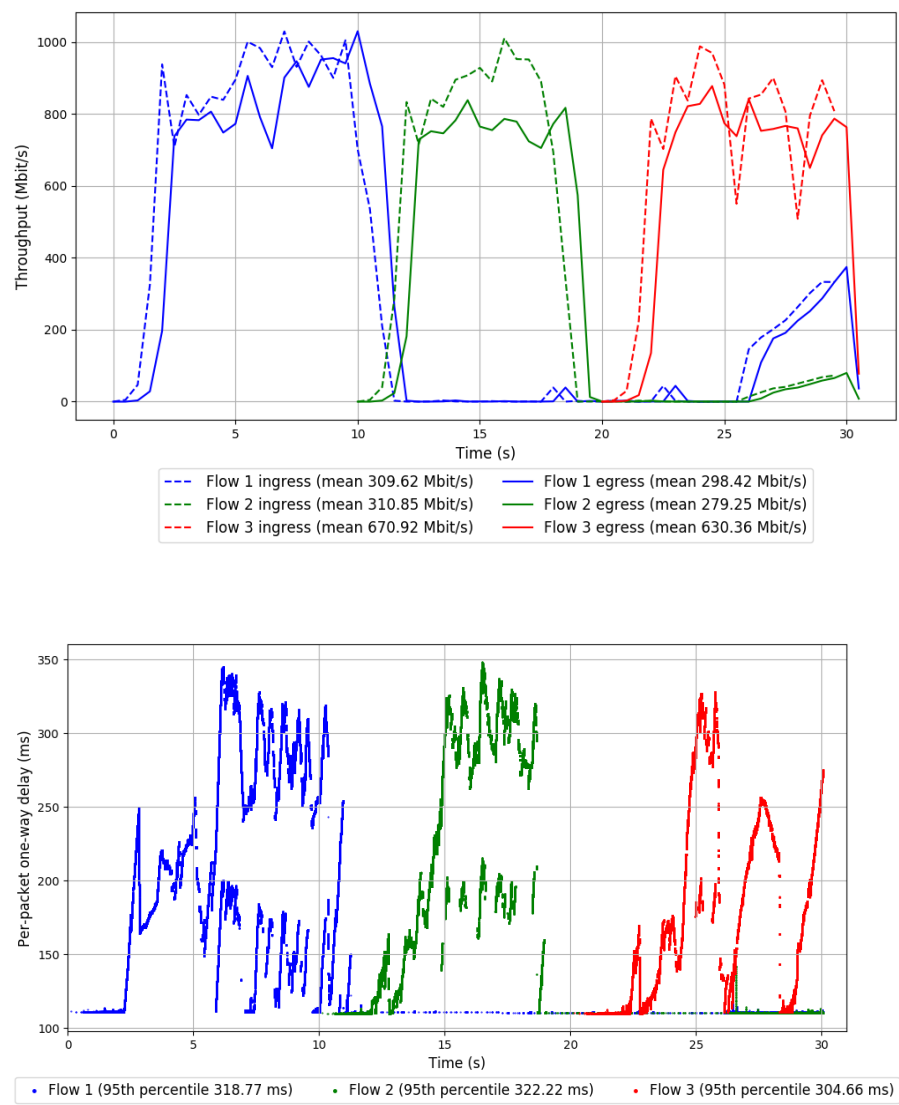


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-10 01:28:31
End at: 2018-07-10 01:29:01
Local clock offset: -0.12 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2018-07-10 06:08:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 692.73 Mbit/s
95th percentile per-packet one-way delay: 318.084 ms
Loss rate: 6.18%
-- Flow 1:
Average throughput: 298.42 Mbit/s
95th percentile per-packet one-way delay: 318.772 ms
Loss rate: 3.62%
-- Flow 2:
Average throughput: 279.25 Mbit/s
95th percentile per-packet one-way delay: 322.220 ms
Loss rate: 10.16%
-- Flow 3:
Average throughput: 630.36 Mbit/s
95th percentile per-packet one-way delay: 304.657 ms
Loss rate: 6.03%

Run 3: Report of FillP-Sheep — Data Link

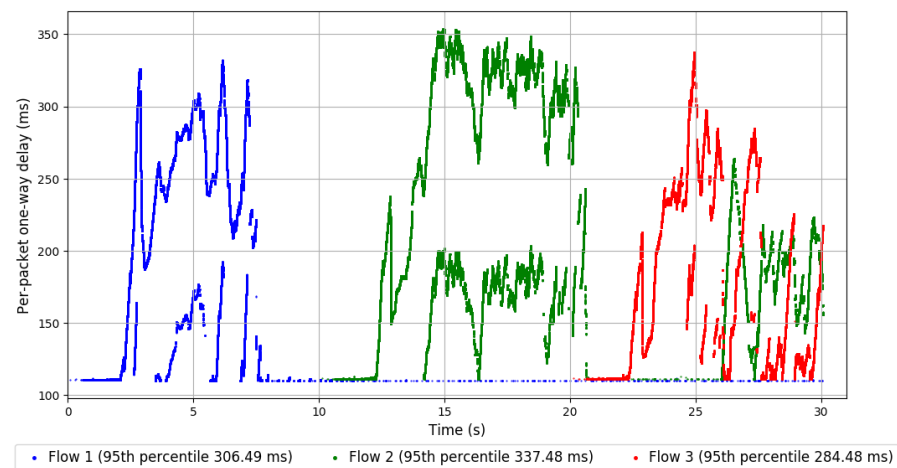
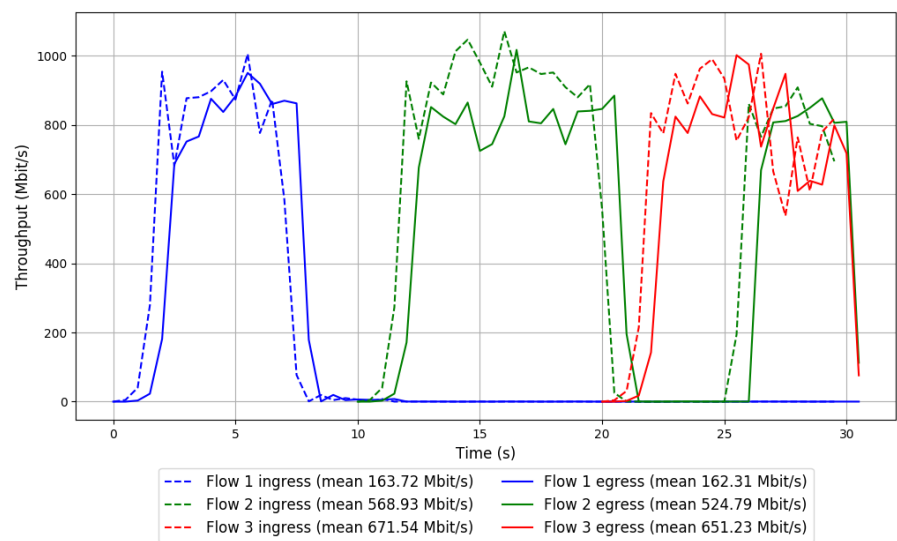


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-10 01:54:35
End at: 2018-07-10 01:55:05
Local clock offset: -0.263 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-07-10 06:08:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 727.07 Mbit/s
95th percentile per-packet one-way delay: 329.644 ms
Loss rate: 4.90%
-- Flow 1:
Average throughput: 162.31 Mbit/s
95th percentile per-packet one-way delay: 306.493 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 524.79 Mbit/s
95th percentile per-packet one-way delay: 337.482 ms
Loss rate: 7.75%
-- Flow 3:
Average throughput: 651.23 Mbit/s
95th percentile per-packet one-way delay: 284.483 ms
Loss rate: 3.03%

Run 4: Report of FillP-Sheep — Data Link

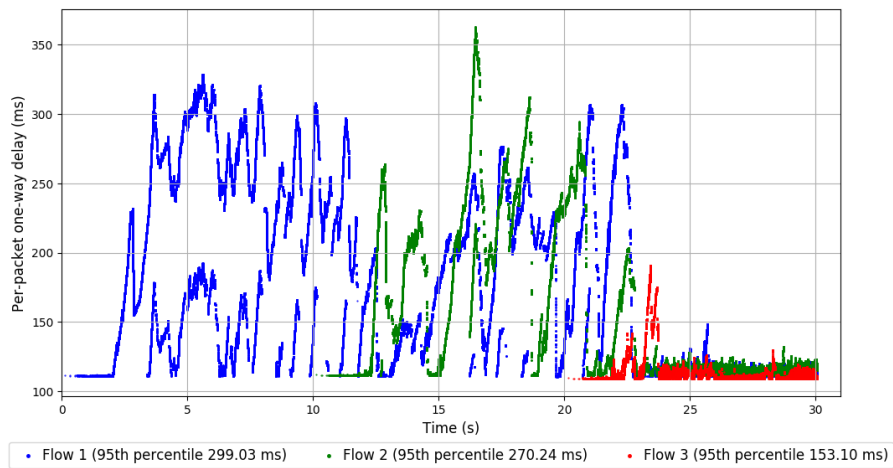
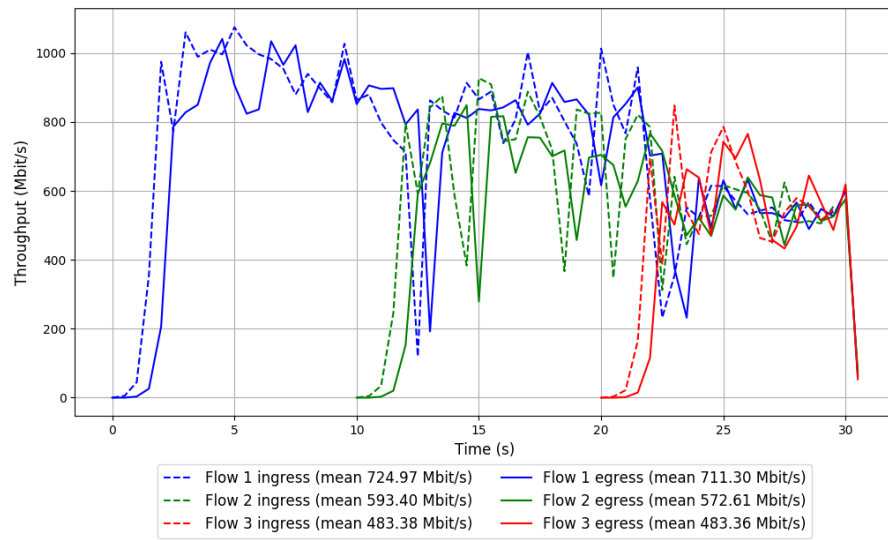


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-10 02:20:19
End at: 2018-07-10 02:20:49
Local clock offset: -0.179 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-07-10 06:09:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 1251.98 Mbit/s
95th percentile per-packet one-way delay: 292.009 ms
Loss rate: 2.14%
-- Flow 1:
Average throughput: 711.30 Mbit/s
95th percentile per-packet one-way delay: 299.029 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 572.61 Mbit/s
95th percentile per-packet one-way delay: 270.242 ms
Loss rate: 3.49%
-- Flow 3:
Average throughput: 483.36 Mbit/s
95th percentile per-packet one-way delay: 153.102 ms
Loss rate: 0.00%

Run 5: Report of FillP-Sheep — Data Link

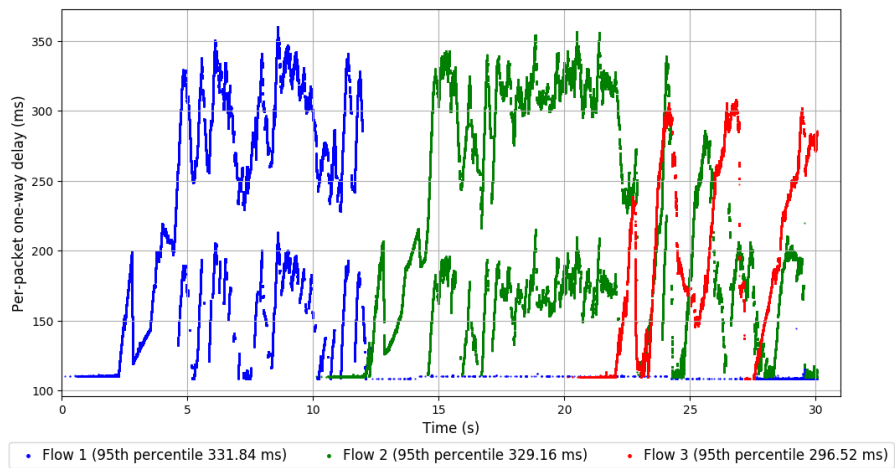
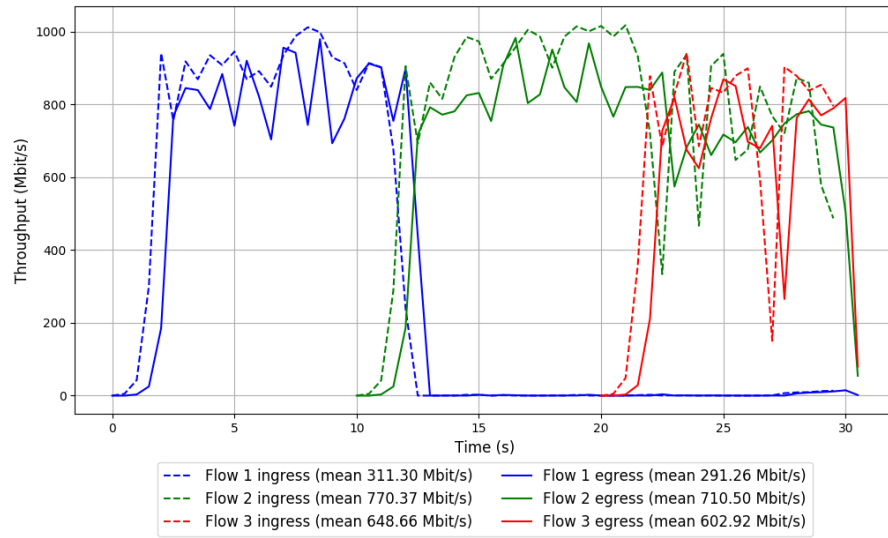


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-10 02:46:24
End at: 2018-07-10 02:46:54
Local clock offset: 0.026 ms
Remote clock offset: -0.438 ms

Below is generated by plot.py at 2018-07-10 06:09:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 964.42 Mbit/s
95th percentile per-packet one-way delay: 327.585 ms
Loss rate: 7.22%
-- Flow 1:
Average throughput: 291.26 Mbit/s
95th percentile per-packet one-way delay: 331.842 ms
Loss rate: 6.44%
-- Flow 2:
Average throughput: 710.50 Mbit/s
95th percentile per-packet one-way delay: 329.163 ms
Loss rate: 7.77%
-- Flow 3:
Average throughput: 602.92 Mbit/s
95th percentile per-packet one-way delay: 296.517 ms
Loss rate: 7.03%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-07-10 03:12:13

End at: 2018-07-10 03:12:43

Local clock offset: -0.147 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-07-10 06:12:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 768.24 Mbit/s

95th percentile per-packet one-way delay: 331.921 ms

Loss rate: 5.19%

-- Flow 1:

Average throughput: 444.10 Mbit/s

95th percentile per-packet one-way delay: 326.826 ms

Loss rate: 5.85%

-- Flow 2:

Average throughput: 180.97 Mbit/s

95th percentile per-packet one-way delay: 336.817 ms

Loss rate: 2.21%

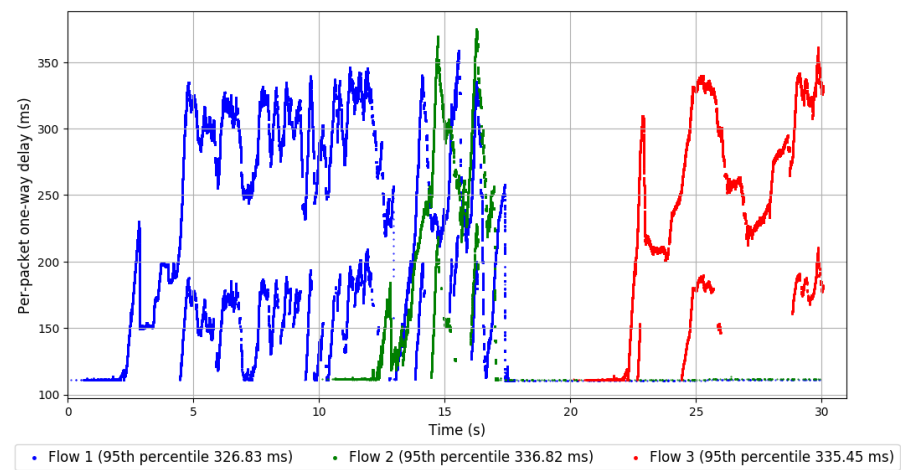
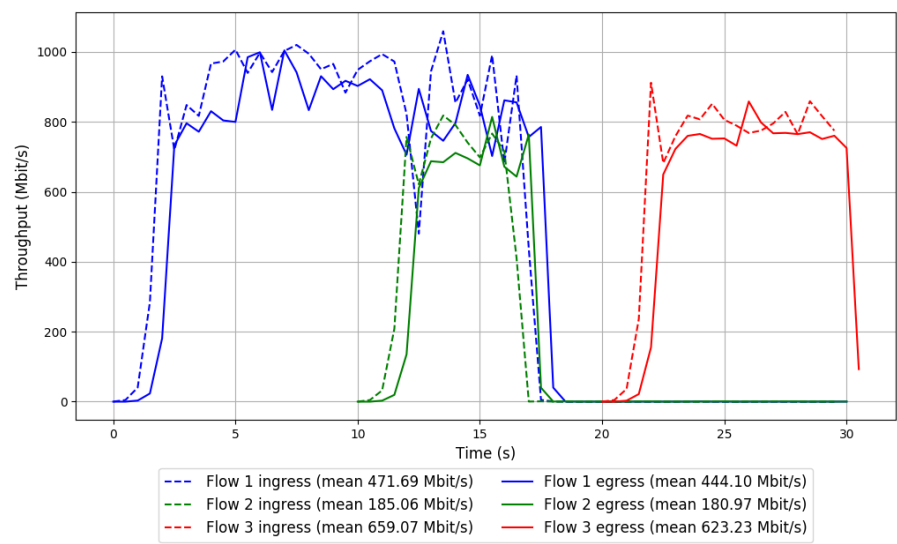
-- Flow 3:

Average throughput: 623.23 Mbit/s

95th percentile per-packet one-way delay: 335.446 ms

Loss rate: 5.45%

Run 7: Report of FillP-Sheep — Data Link

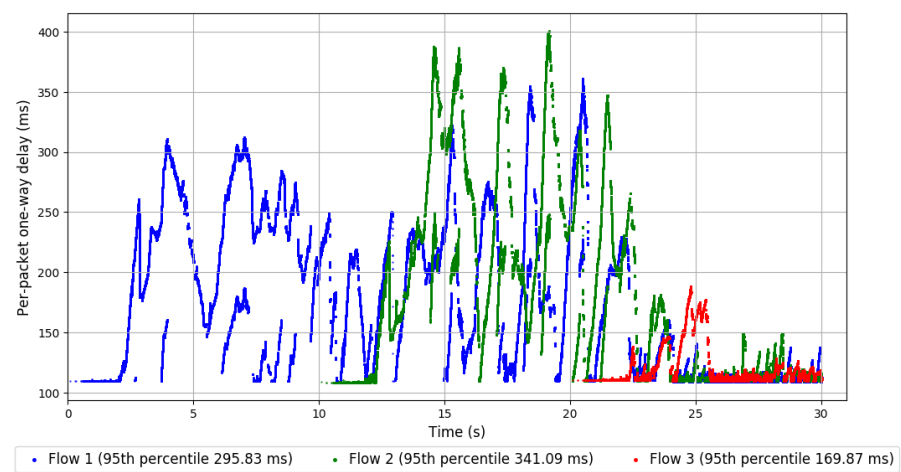
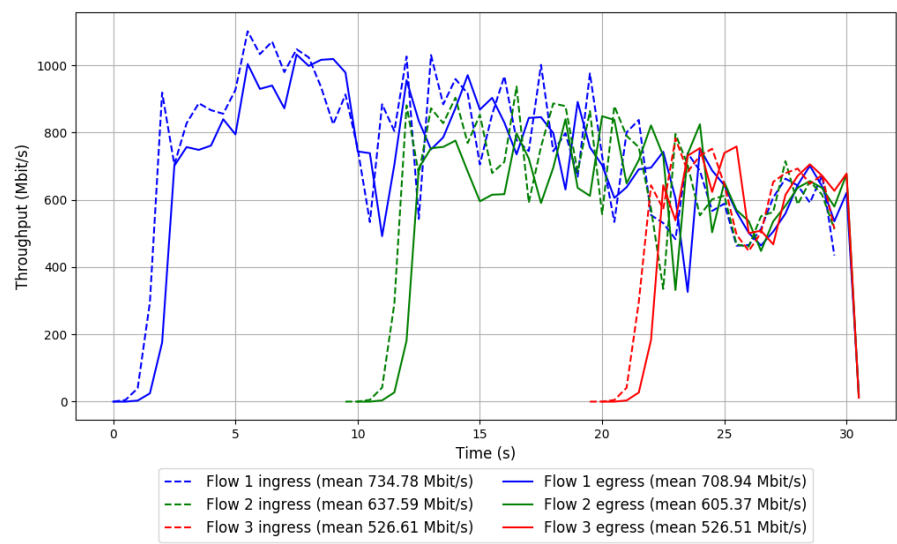


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-10 03:37:54
End at: 2018-07-10 03:38:24
Local clock offset: 0.976 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-07-10 06:24:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 1287.19 Mbit/s
95th percentile per-packet one-way delay: 306.754 ms
Loss rate: 3.53%
-- Flow 1:
Average throughput: 708.94 Mbit/s
95th percentile per-packet one-way delay: 295.833 ms
Loss rate: 3.51%
-- Flow 2:
Average throughput: 605.37 Mbit/s
95th percentile per-packet one-way delay: 341.089 ms
Loss rate: 5.02%
-- Flow 3:
Average throughput: 526.51 Mbit/s
95th percentile per-packet one-way delay: 169.874 ms
Loss rate: 0.01%

Run 8: Report of FillP-Sheep — Data Link

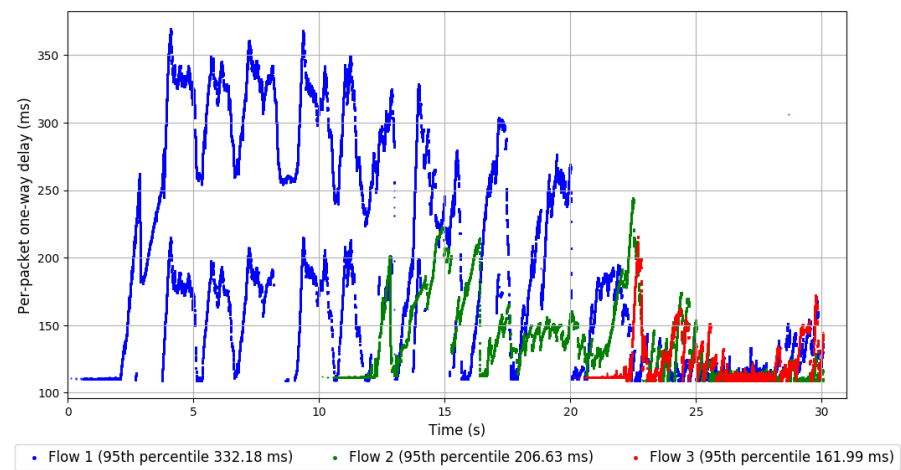
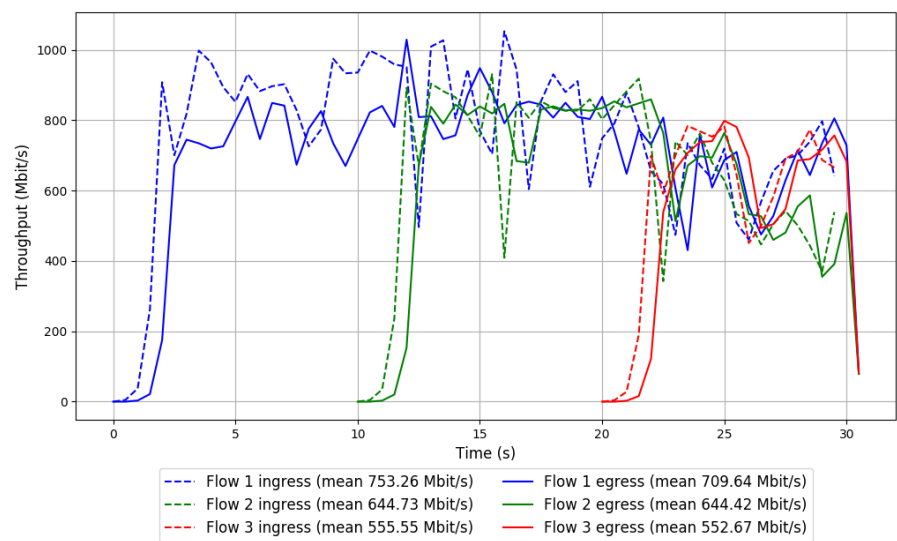


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-10 04:04:06
End at: 2018-07-10 04:04:36
Local clock offset: -0.003 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 1321.05 Mbit/s
95th percentile per-packet one-way delay: 324.093 ms
Loss rate: 3.27%
-- Flow 1:
Average throughput: 709.64 Mbit/s
95th percentile per-packet one-way delay: 332.178 ms
Loss rate: 5.79%
-- Flow 2:
Average throughput: 644.42 Mbit/s
95th percentile per-packet one-way delay: 206.633 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 552.67 Mbit/s
95th percentile per-packet one-way delay: 161.987 ms
Loss rate: 0.44%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-07-10 04:30:13

End at: 2018-07-10 04:30:43

Local clock offset: -0.142 ms

Remote clock offset: -0.45 ms

Below is generated by plot.py at 2018-07-10 06:27:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 882.60 Mbit/s

95th percentile per-packet one-way delay: 335.640 ms

Loss rate: 10.01%

-- Flow 1:

Average throughput: 239.22 Mbit/s

95th percentile per-packet one-way delay: 329.744 ms

Loss rate: 8.80%

-- Flow 2:

Average throughput: 689.56 Mbit/s

95th percentile per-packet one-way delay: 342.318 ms

Loss rate: 11.21%

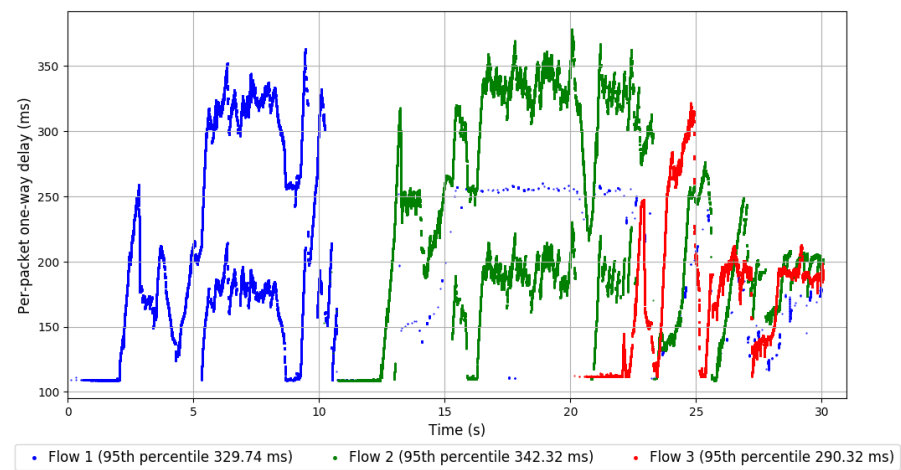
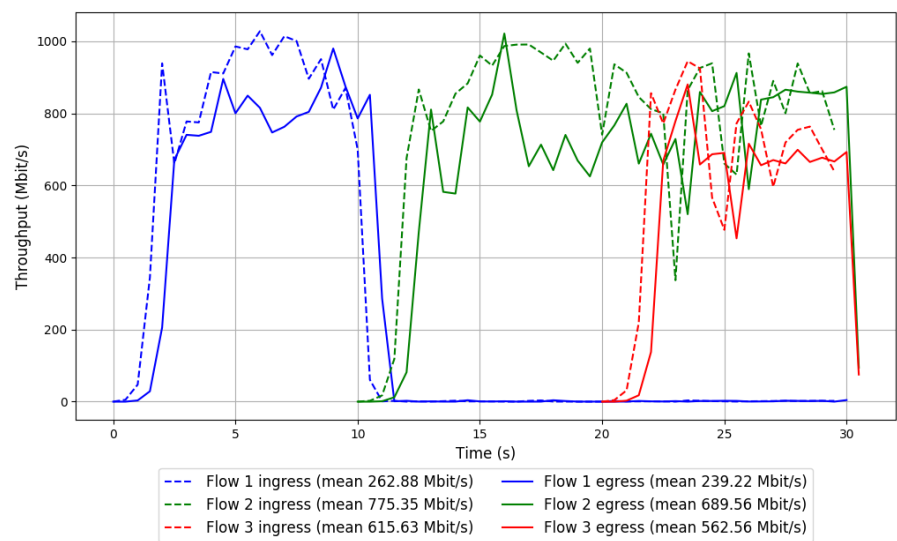
-- Flow 3:

Average throughput: 562.56 Mbit/s

95th percentile per-packet one-way delay: 290.316 ms

Loss rate: 8.55%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-07-10 00:57:34

End at: 2018-07-10 00:58:04

Local clock offset: -0.317 ms

Remote clock offset: 0.338 ms

Below is generated by plot.py at 2018-07-10 06:27:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 281.59 Mbit/s

95th percentile per-packet one-way delay: 146.105 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 121.76 Mbit/s

95th percentile per-packet one-way delay: 142.133 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 190.67 Mbit/s

95th percentile per-packet one-way delay: 145.465 ms

Loss rate: 0.06%

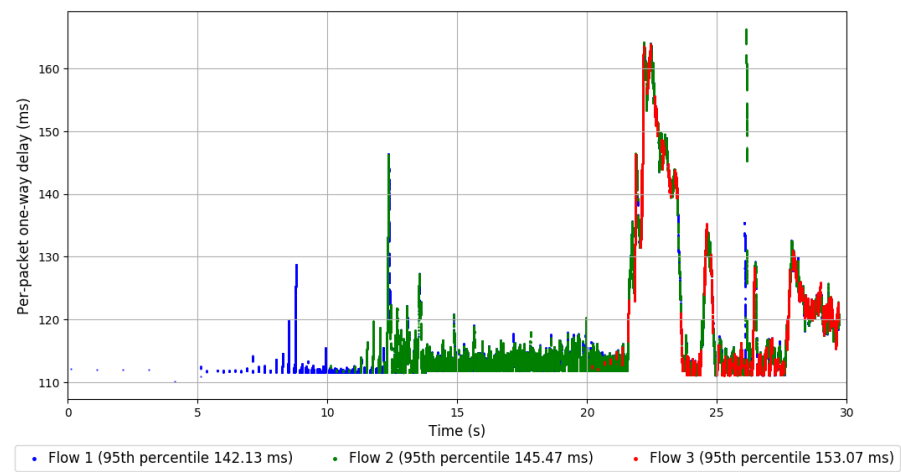
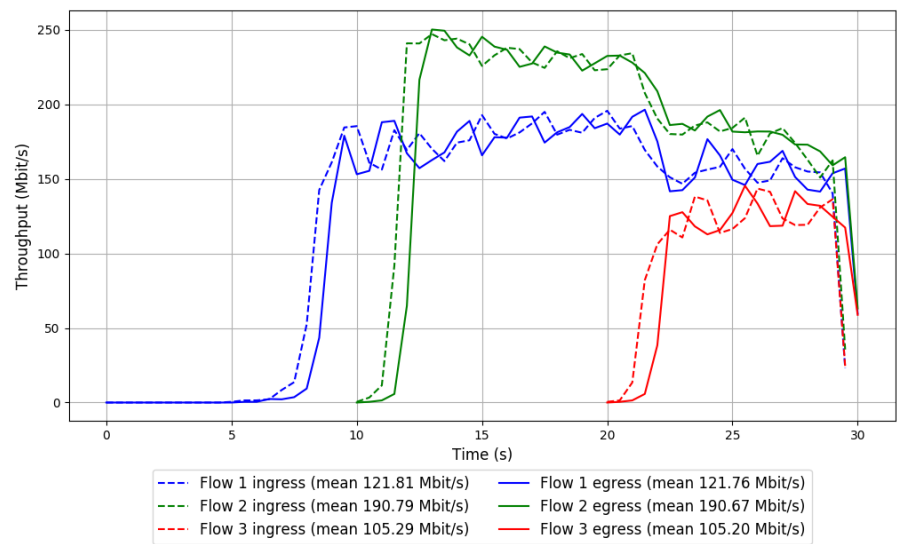
-- Flow 3:

Average throughput: 105.20 Mbit/s

95th percentile per-packet one-way delay: 153.069 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

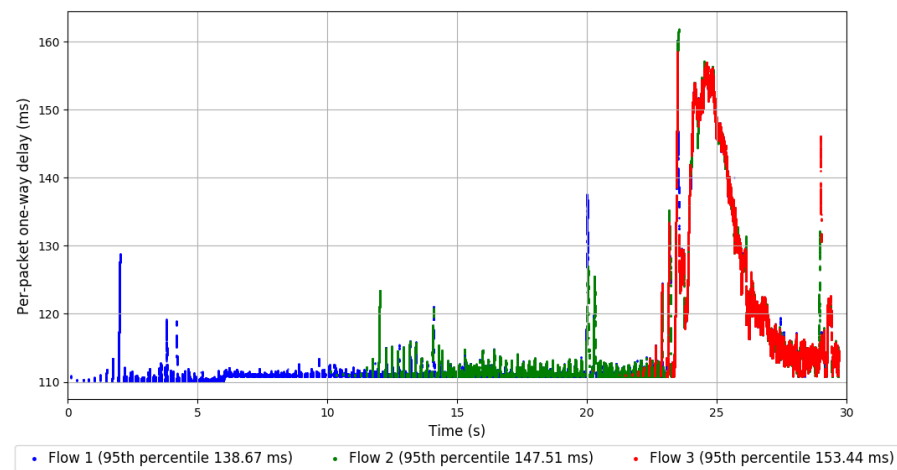
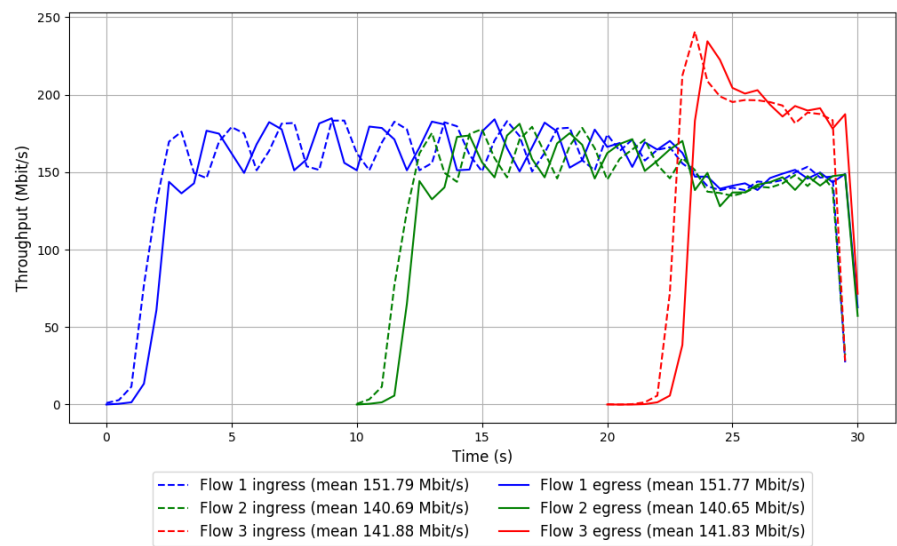


Run 2: Statistics of Indigo

Start at: 2018-07-10 01:23:42
End at: 2018-07-10 01:24:12
Local clock offset: -0.178 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 290.12 Mbit/s
95th percentile per-packet one-way delay: 149.170 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 151.77 Mbit/s
95th percentile per-packet one-way delay: 138.669 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 140.65 Mbit/s
95th percentile per-packet one-way delay: 147.513 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 141.83 Mbit/s
95th percentile per-packet one-way delay: 153.441 ms
Loss rate: 0.04%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-07-10 01:49:44

End at: 2018-07-10 01:50:14

Local clock offset: -0.351 ms

Remote clock offset: 0.311 ms

Below is generated by plot.py at 2018-07-10 06:27:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 290.84 Mbit/s

95th percentile per-packet one-way delay: 151.365 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 144.79 Mbit/s

95th percentile per-packet one-way delay: 140.399 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 136.96 Mbit/s

95th percentile per-packet one-way delay: 150.640 ms

Loss rate: 0.00%

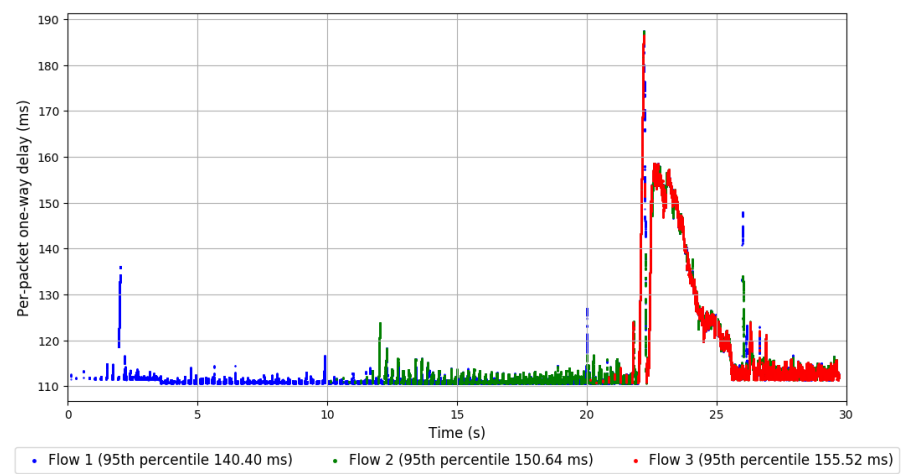
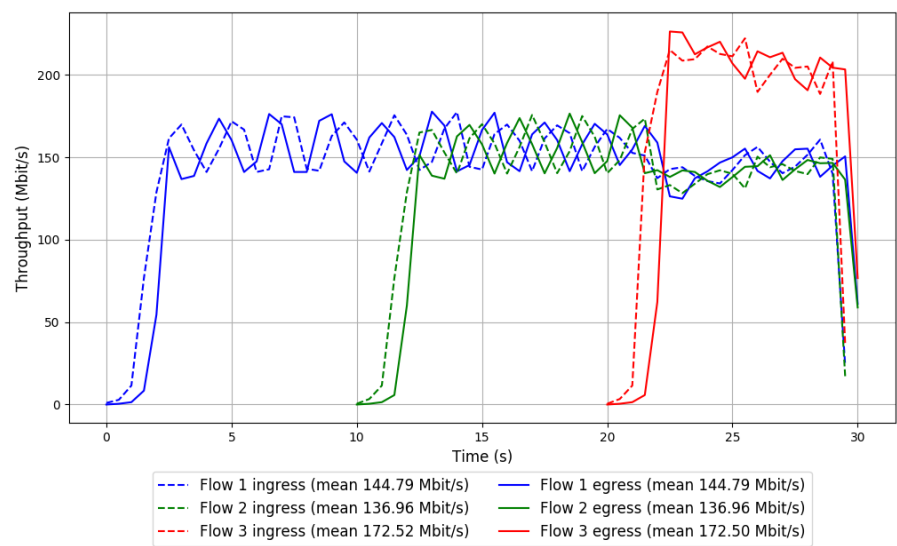
-- Flow 3:

Average throughput: 172.50 Mbit/s

95th percentile per-packet one-way delay: 155.519 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-07-10 02:15:30

End at: 2018-07-10 02:16:00

Local clock offset: 0.842 ms

Remote clock offset: 0.025 ms

Below is generated by plot.py at 2018-07-10 06:27:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 322.58 Mbit/s

95th percentile per-packet one-way delay: 114.880 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 188.00 Mbit/s

95th percentile per-packet one-way delay: 114.016 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 139.53 Mbit/s

95th percentile per-packet one-way delay: 115.540 ms

Loss rate: 0.00%

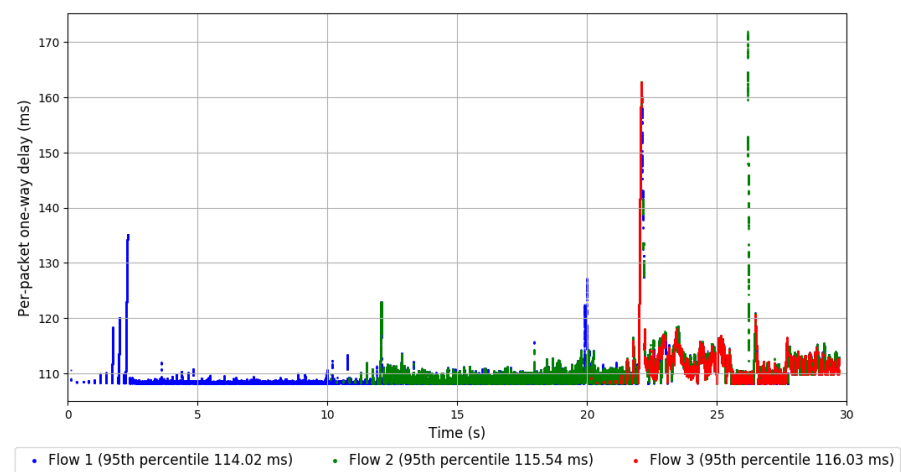
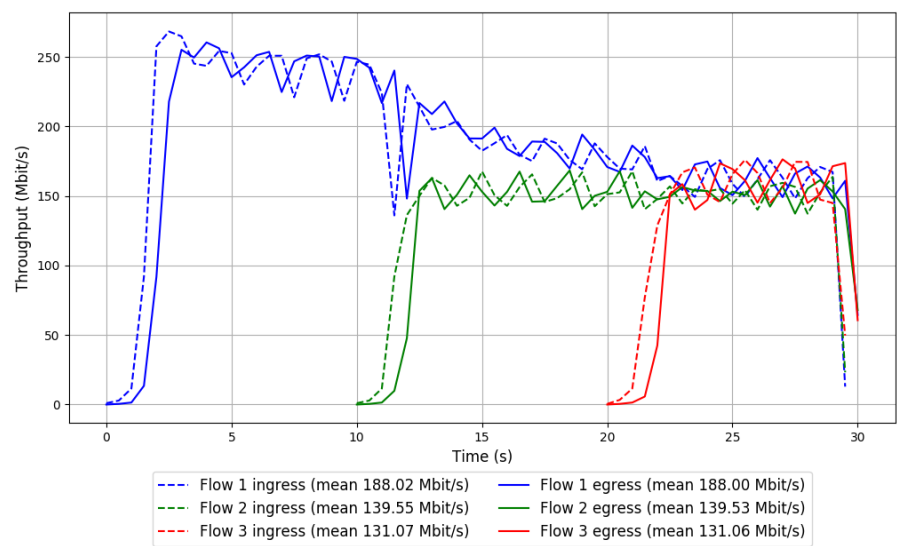
-- Flow 3:

Average throughput: 131.06 Mbit/s

95th percentile per-packet one-way delay: 116.025 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

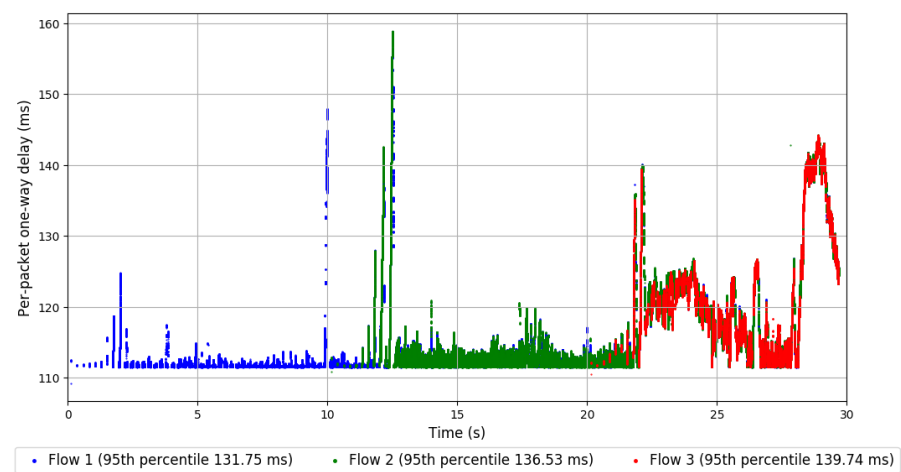
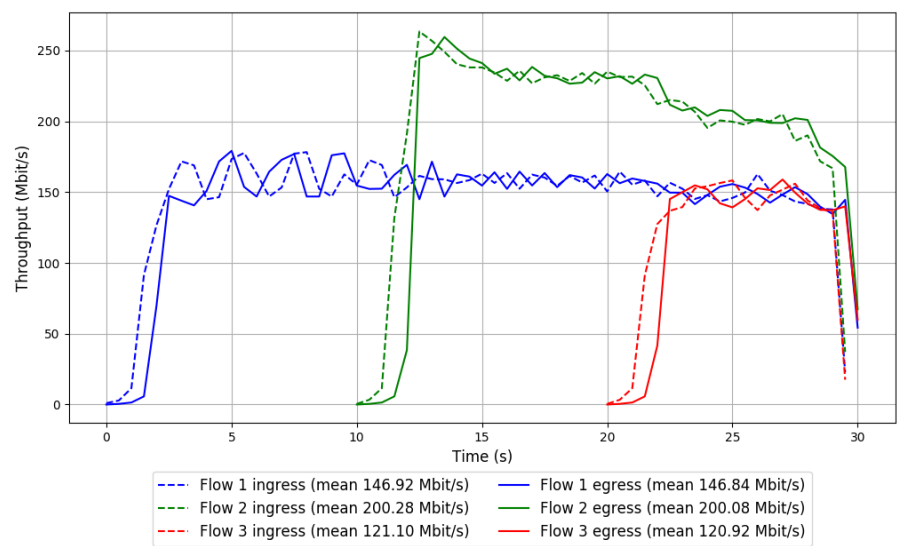


Run 5: Statistics of Indigo

Start at: 2018-07-10 02:41:42
End at: 2018-07-10 02:42:12
Local clock offset: -0.095 ms
Remote clock offset: -0.397 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 317.92 Mbit/s
95th percentile per-packet one-way delay: 136.969 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 146.84 Mbit/s
95th percentile per-packet one-way delay: 131.754 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 200.08 Mbit/s
95th percentile per-packet one-way delay: 136.534 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 120.92 Mbit/s
95th percentile per-packet one-way delay: 139.738 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-07-10 03:07:37

End at: 2018-07-10 03:08:07

Local clock offset: -0.377 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-07-10 06:27:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 290.93 Mbit/s

95th percentile per-packet one-way delay: 130.856 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 160.80 Mbit/s

95th percentile per-packet one-way delay: 130.023 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 139.36 Mbit/s

95th percentile per-packet one-way delay: 131.242 ms

Loss rate: 0.00%

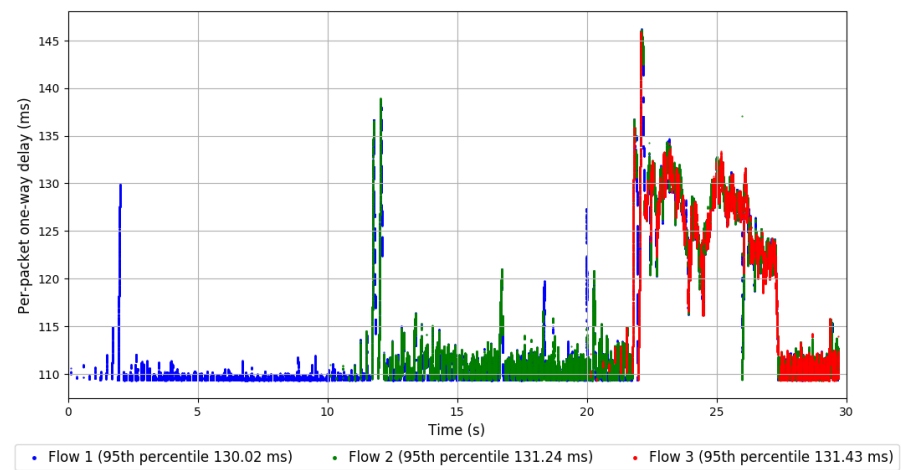
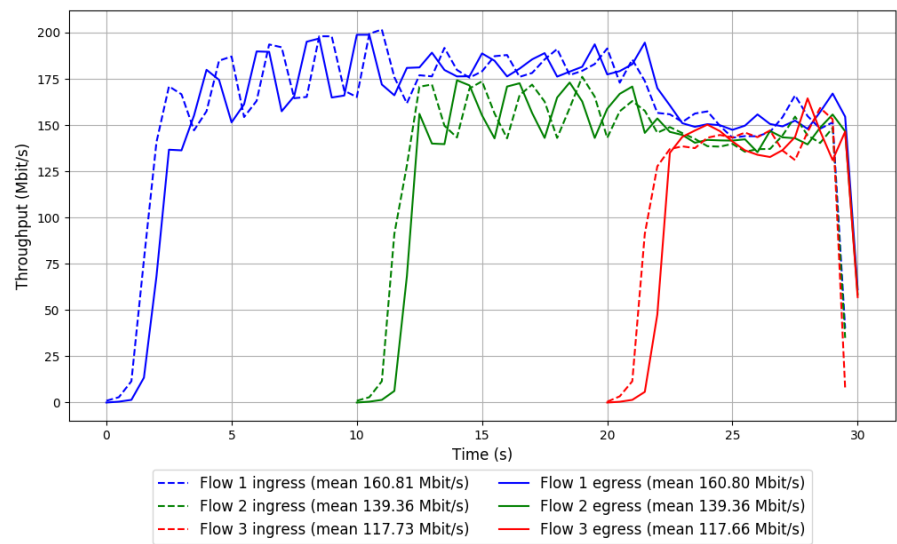
-- Flow 3:

Average throughput: 117.66 Mbit/s

95th percentile per-packet one-way delay: 131.426 ms

Loss rate: 0.03%

Run 6: Report of Indigo — Data Link

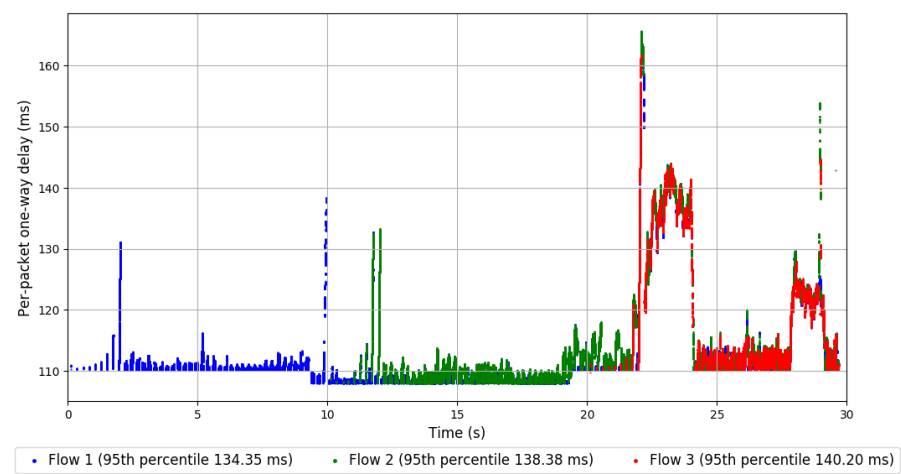
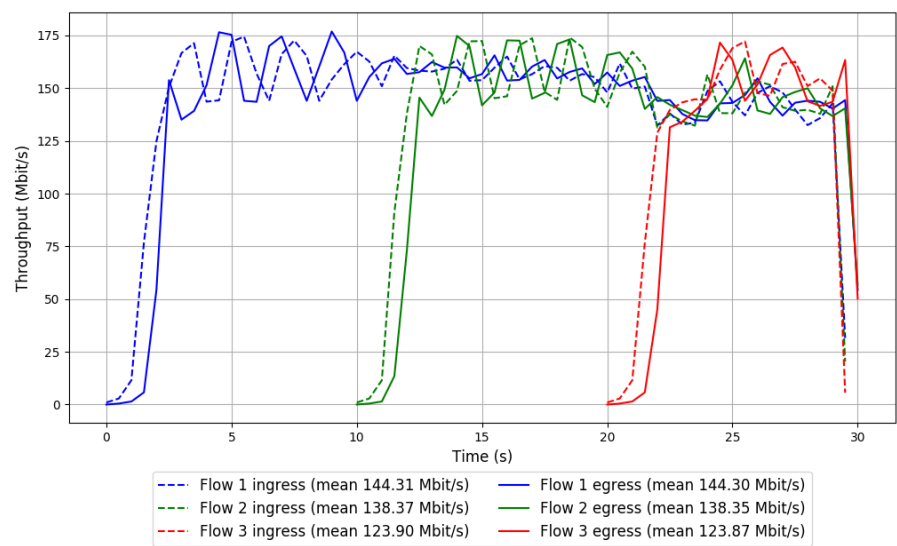


Run 7: Statistics of Indigo

Start at: 2018-07-10 03:33:19
End at: 2018-07-10 03:33:49
Local clock offset: 0.96 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 275.89 Mbit/s
95th percentile per-packet one-way delay: 137.503 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 144.30 Mbit/s
95th percentile per-packet one-way delay: 134.354 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 138.35 Mbit/s
95th percentile per-packet one-way delay: 138.384 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 123.87 Mbit/s
95th percentile per-packet one-way delay: 140.202 ms
Loss rate: 0.01%

Run 7: Report of Indigo — Data Link

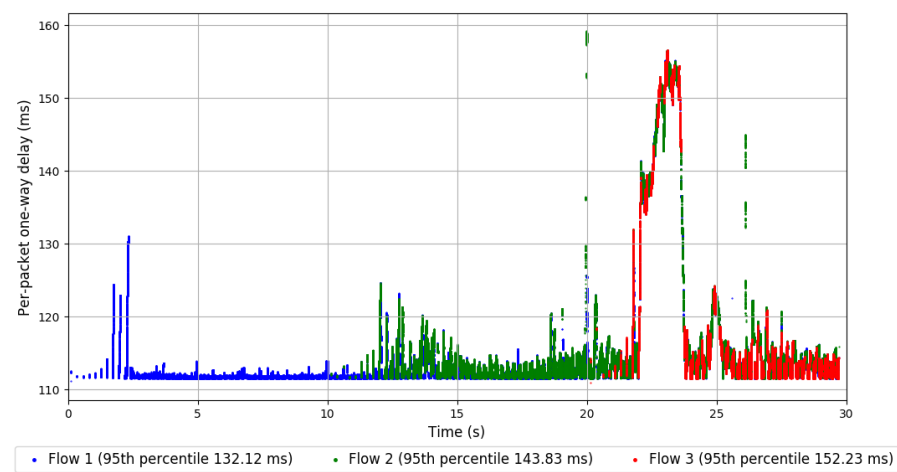
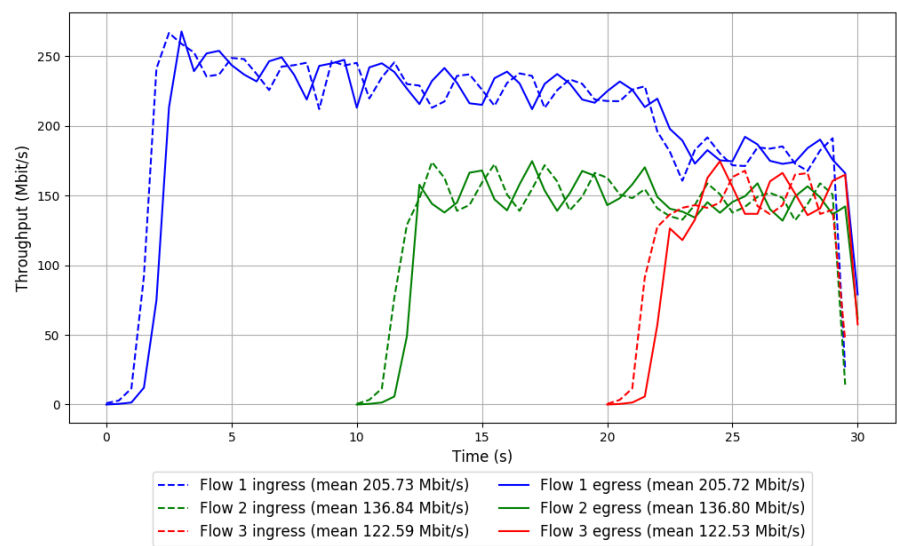


Run 8: Statistics of Indigo

Start at: 2018-07-10 03:59:14
End at: 2018-07-10 03:59:44
Local clock offset: -0.291 ms
Remote clock offset: -0.065 ms

```
# Below is generated by plot.py at 2018-07-10 06:27:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 335.76 Mbit/s
95th percentile per-packet one-way delay: 140.312 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 205.72 Mbit/s
95th percentile per-packet one-way delay: 132.122 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 136.80 Mbit/s
95th percentile per-packet one-way delay: 143.829 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 122.53 Mbit/s
95th percentile per-packet one-way delay: 152.233 ms
Loss rate: 0.05%
```

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-07-10 04:25:31

End at: 2018-07-10 04:26:01

Local clock offset: 1.001 ms

Remote clock offset: 0.274 ms

Below is generated by plot.py at 2018-07-10 06:27:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 275.05 Mbit/s

95th percentile per-packet one-way delay: 118.718 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 143.07 Mbit/s

95th percentile per-packet one-way delay: 118.319 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 139.42 Mbit/s

95th percentile per-packet one-way delay: 119.000 ms

Loss rate: 0.00%

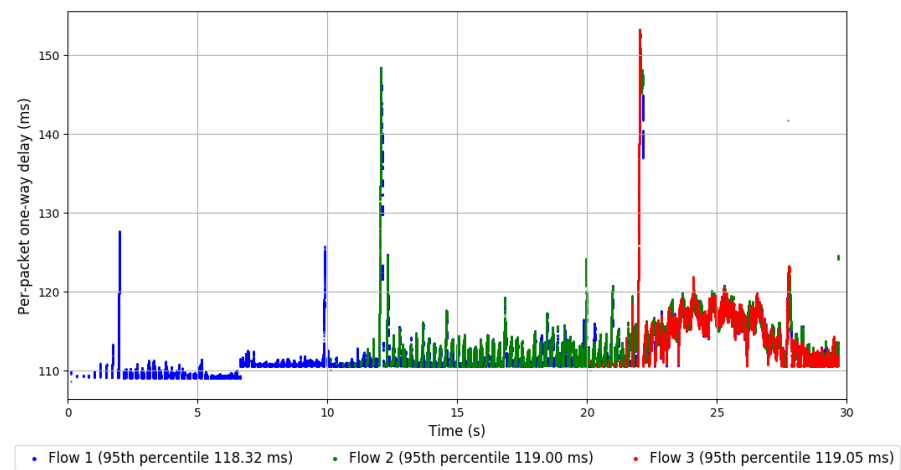
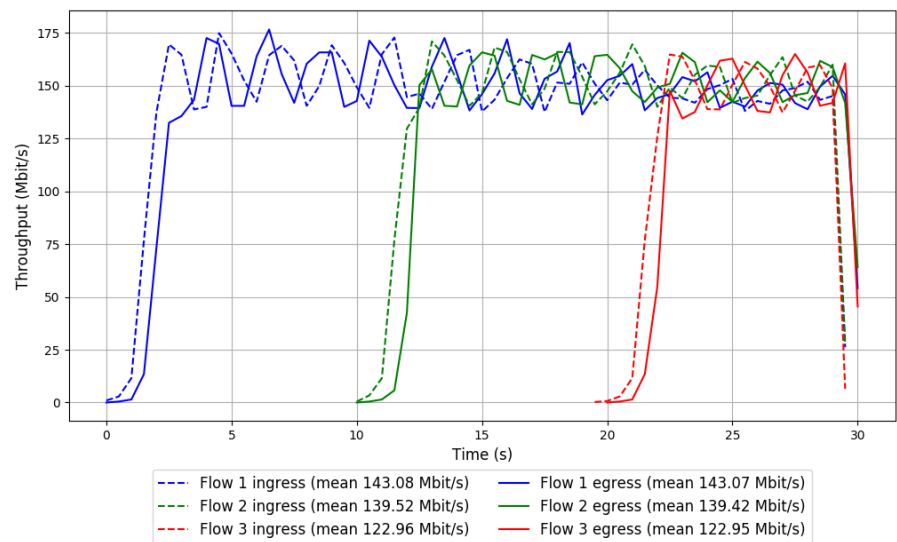
-- Flow 3:

Average throughput: 122.95 Mbit/s

95th percentile per-packet one-way delay: 119.048 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

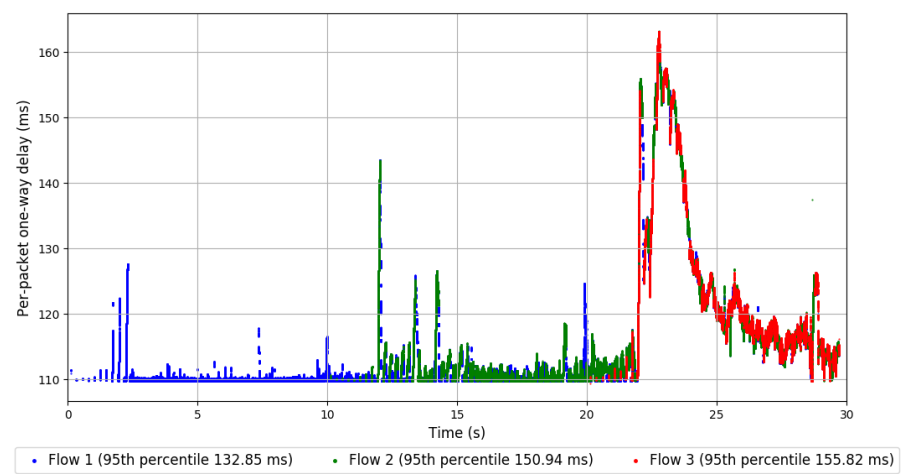
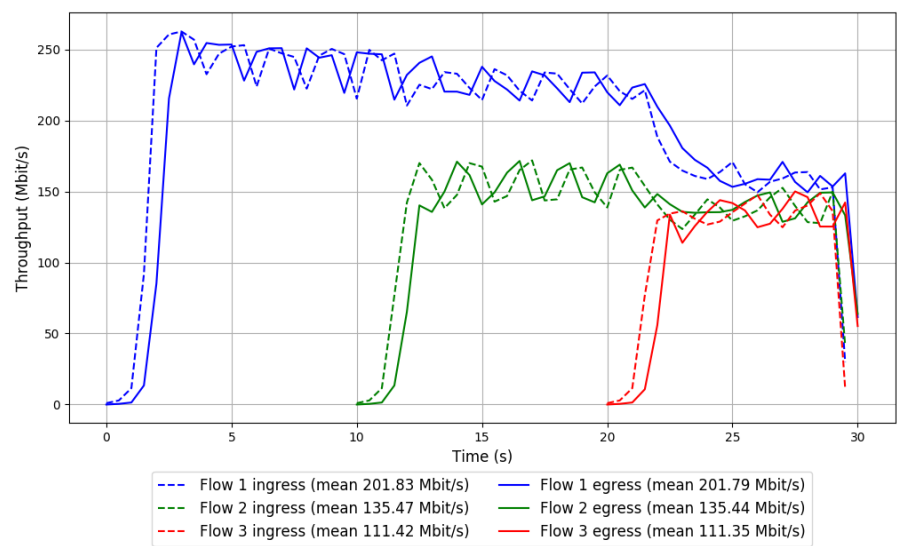


Run 10: Statistics of Indigo

Start at: 2018-07-10 04:51:28
End at: 2018-07-10 04:51:58
Local clock offset: -0.118 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 327.42 Mbit/s
95th percentile per-packet one-way delay: 146.171 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 201.79 Mbit/s
95th percentile per-packet one-way delay: 132.847 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 135.44 Mbit/s
95th percentile per-packet one-way delay: 150.941 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 111.35 Mbit/s
95th percentile per-packet one-way delay: 155.825 ms
Loss rate: 0.03%

Run 10: Report of Indigo — Data Link

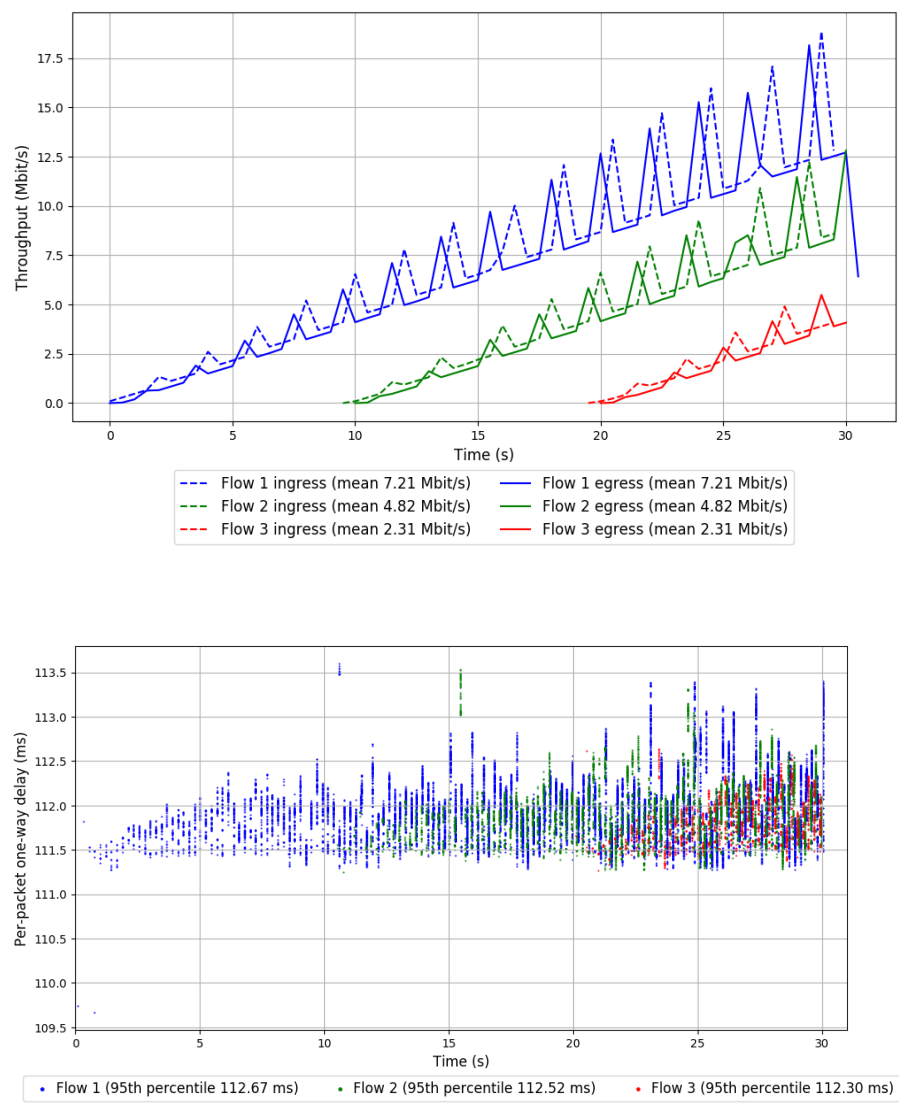


Run 1: Statistics of LEDBAT

Start at: 2018-07-10 00:55:07
End at: 2018-07-10 00:55:37
Local clock offset: -0.189 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.17 Mbit/s
95th percentile per-packet one-way delay: 112.600 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 112.666 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 112.515 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 112.296 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

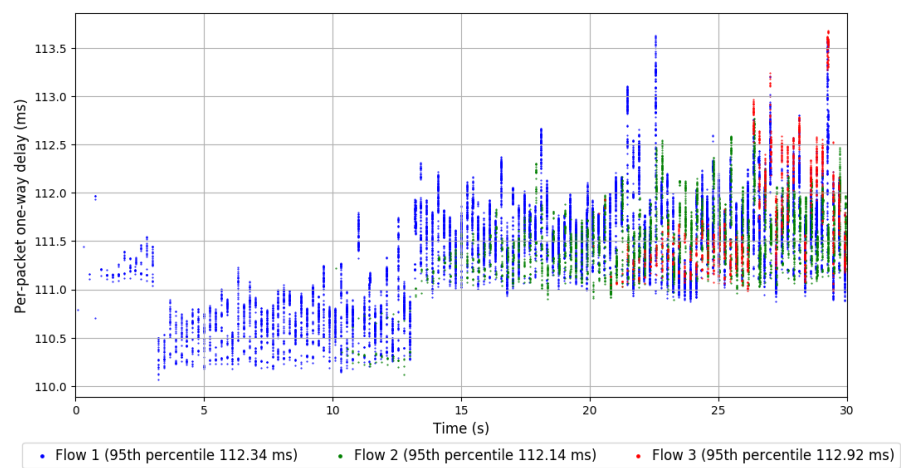
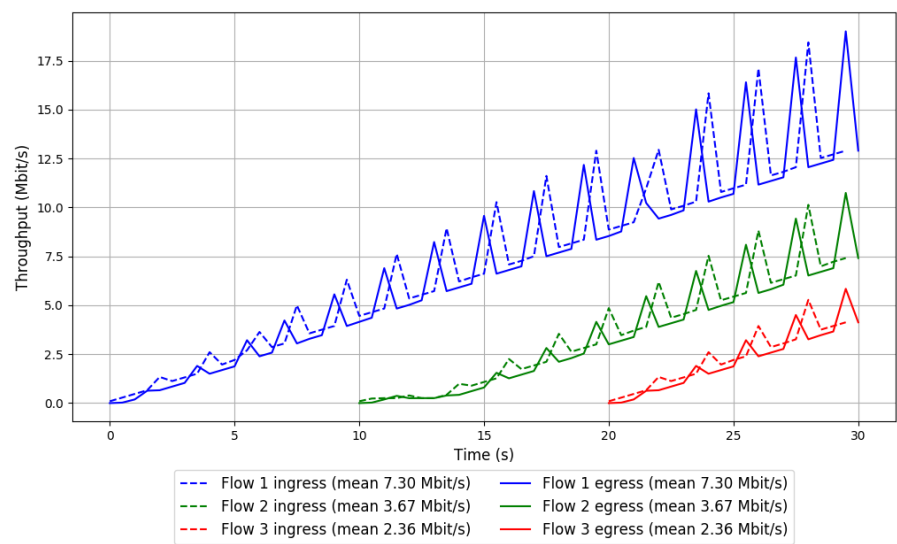


Run 2: Statistics of LEDBAT

Start at: 2018-07-10 01:21:15
End at: 2018-07-10 01:21:45
Local clock offset: -0.162 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.51 Mbit/s
95th percentile per-packet one-way delay: 112.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 112.345 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 112.142 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 112.916 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

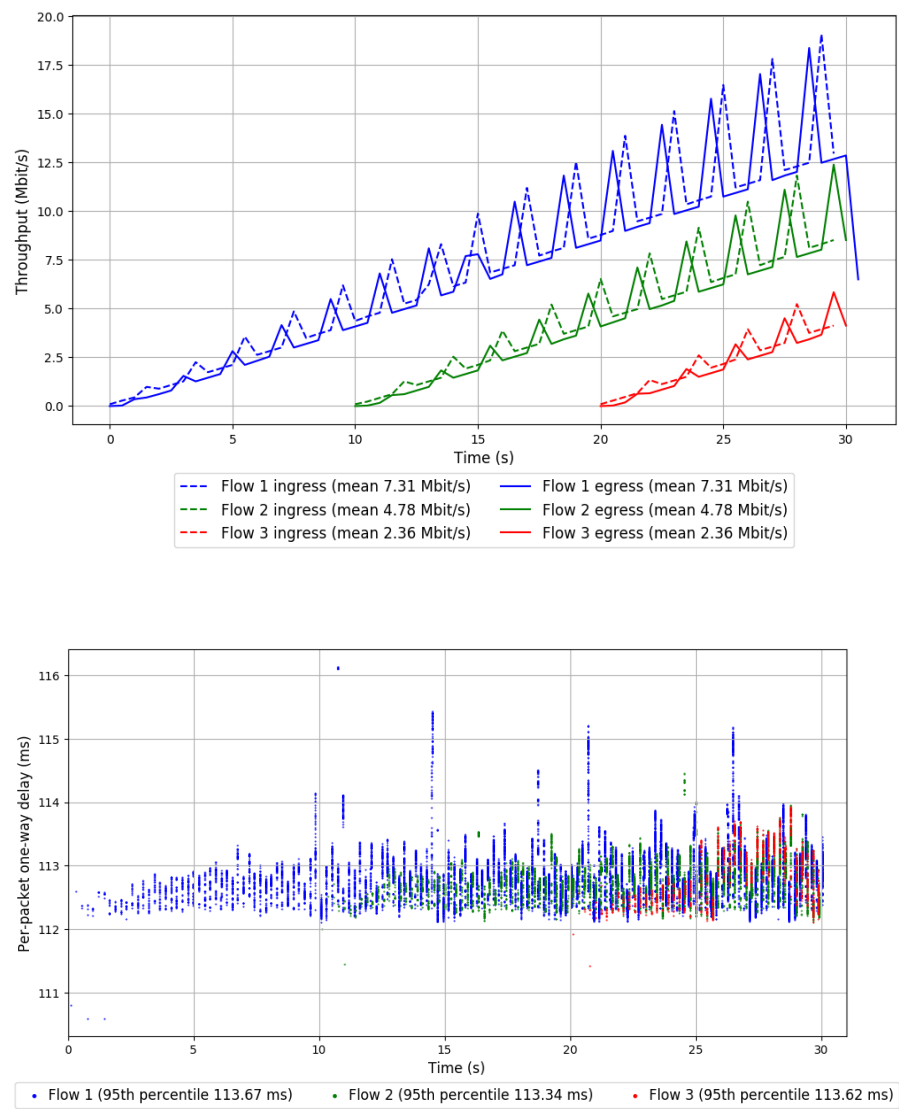


Run 3: Statistics of LEDBAT

Start at: 2018-07-10 01:47:18
End at: 2018-07-10 01:47:48
Local clock offset: -1.443 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 113.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 113.666 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.78 Mbit/s
95th percentile per-packet one-way delay: 113.342 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 113.622 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

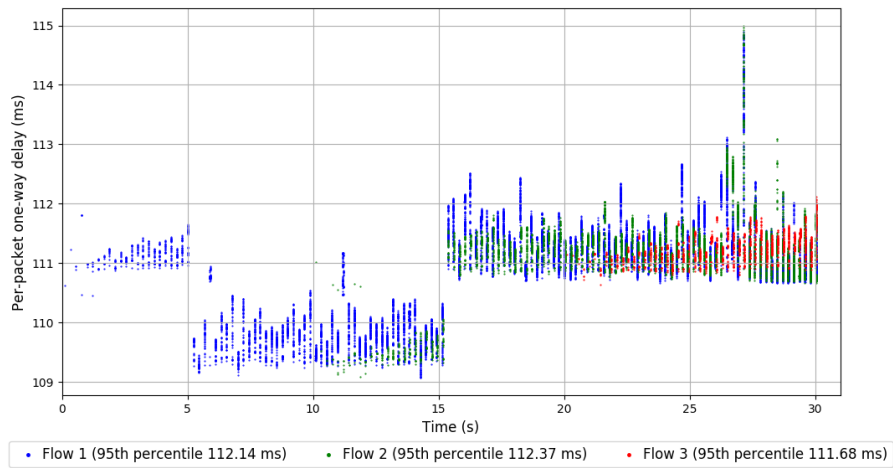
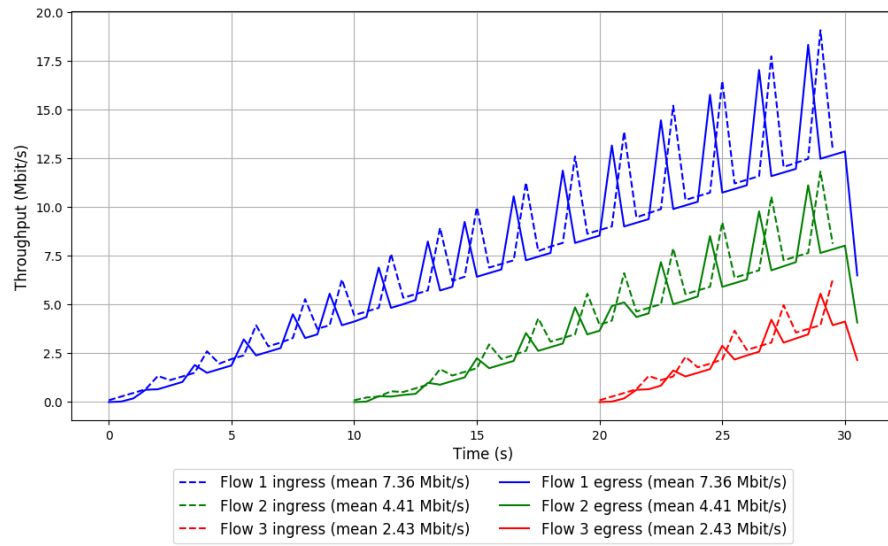


Run 4: Statistics of LEDBAT

Start at: 2018-07-10 02:13:03
End at: 2018-07-10 02:13:33
Local clock offset: -0.147 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.09 Mbit/s
95th percentile per-packet one-way delay: 112.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 112.136 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 112.366 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 111.676 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

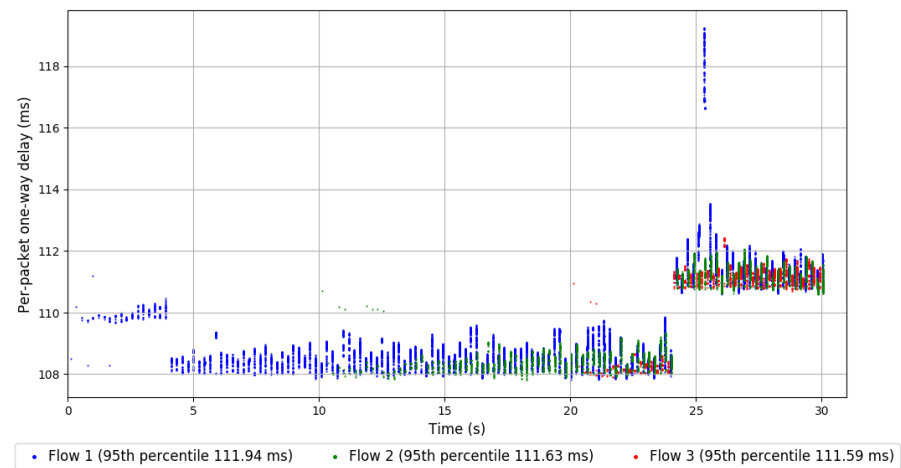
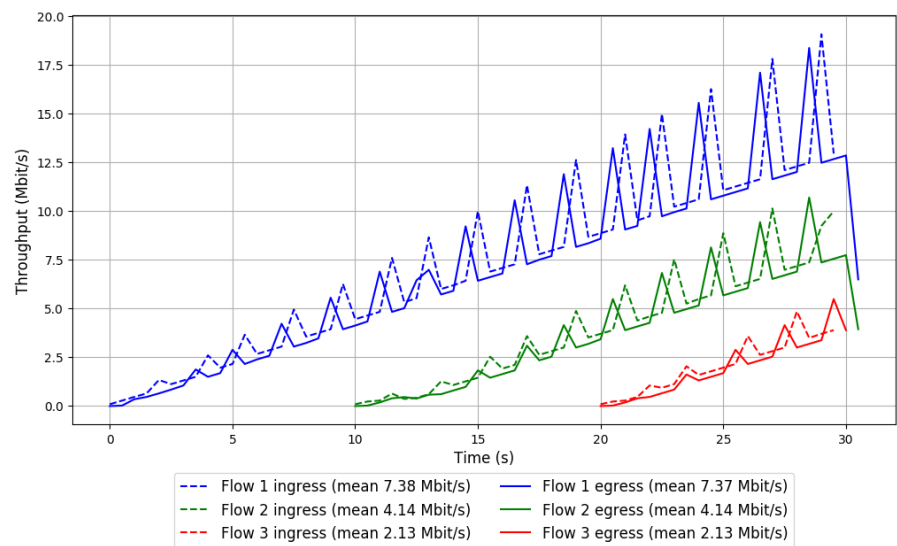


Run 5: Statistics of LEDBAT

Start at: 2018-07-10 02:39:14
End at: 2018-07-10 02:39:44
Local clock offset: 1.149 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 111.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.37 Mbit/s
95th percentile per-packet one-way delay: 111.942 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 111.633 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 111.591 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-07-10 03:05:09

End at: 2018-07-10 03:05:39

Local clock offset: -1.364 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-07-10 06:27:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 11.04 Mbit/s

95th percentile per-packet one-way delay: 112.695 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 7.18 Mbit/s

95th percentile per-packet one-way delay: 112.800 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.62 Mbit/s

95th percentile per-packet one-way delay: 112.604 ms

Loss rate: 0.00%

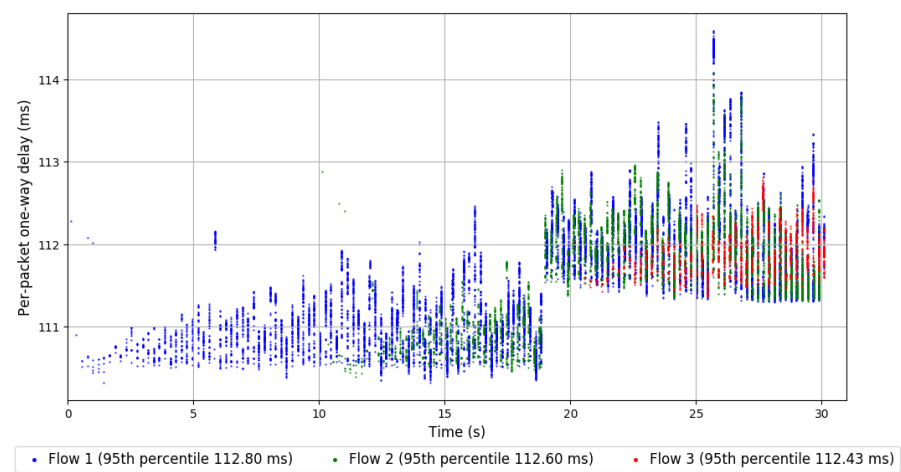
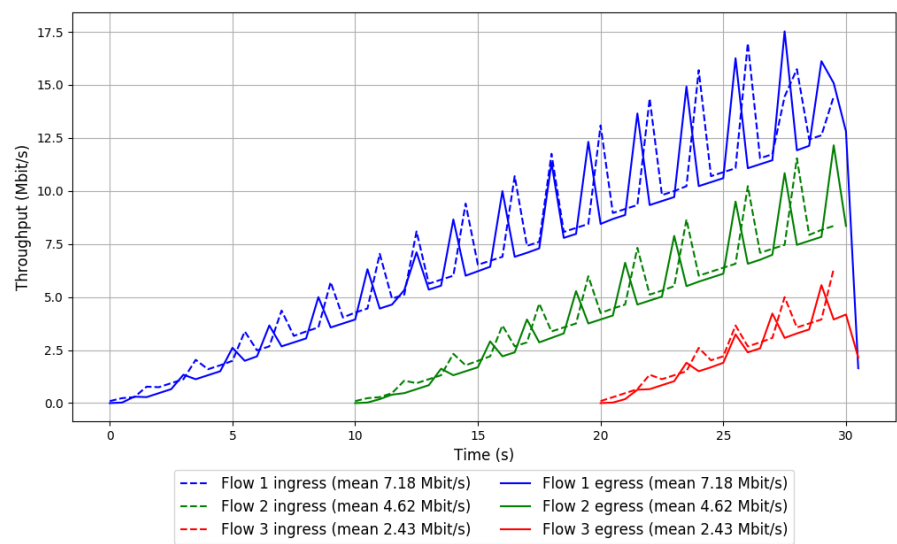
-- Flow 3:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 112.433 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

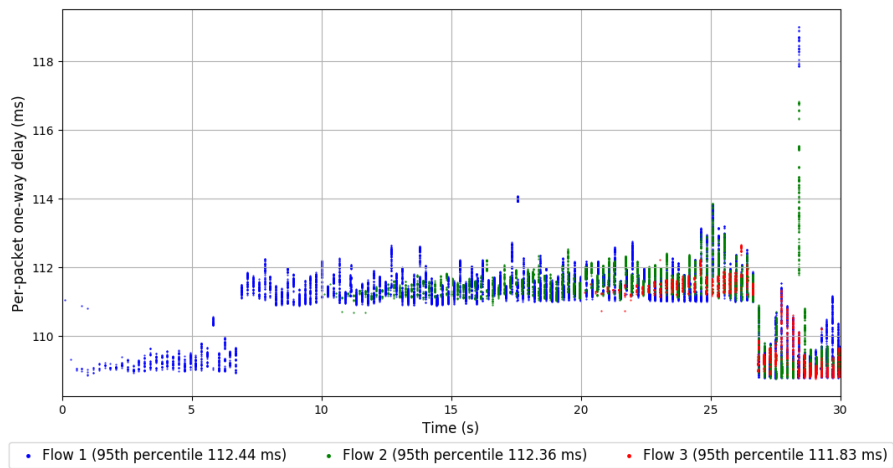
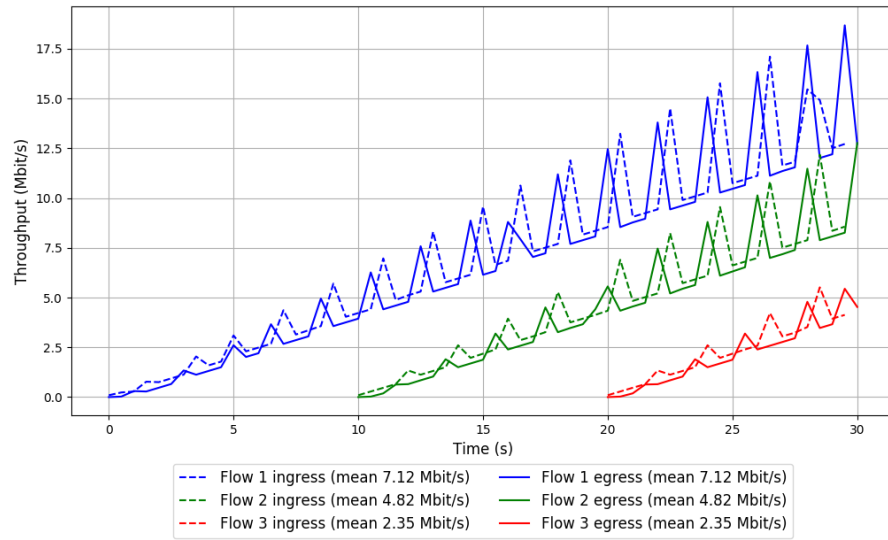


Run 7: Statistics of LEDBAT

Start at: 2018-07-10 03:30:52
End at: 2018-07-10 03:31:22
Local clock offset: -0.151 ms
Remote clock offset: -0.432 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 112.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.12 Mbit/s
95th percentile per-packet one-way delay: 112.442 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 112.358 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 111.835 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

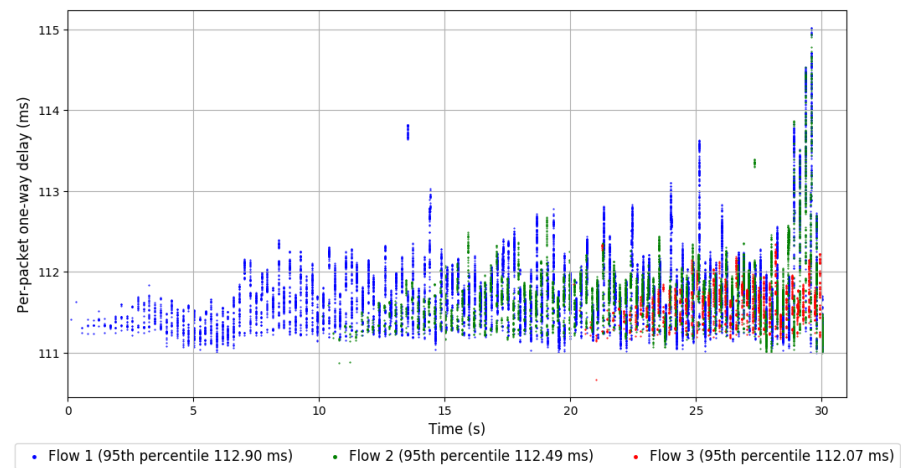
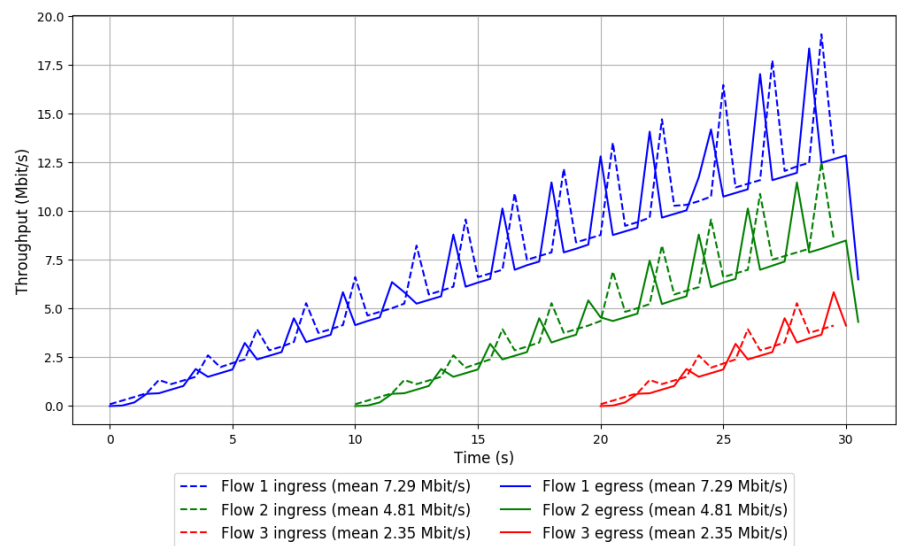


Run 8: Statistics of LEDBAT

Start at: 2018-07-10 03:56:48
End at: 2018-07-10 03:57:18
Local clock offset: -0.157 ms
Remote clock offset: -0.469 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.26 Mbit/s
95th percentile per-packet one-way delay: 112.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.29 Mbit/s
95th percentile per-packet one-way delay: 112.898 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.81 Mbit/s
95th percentile per-packet one-way delay: 112.491 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 112.072 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

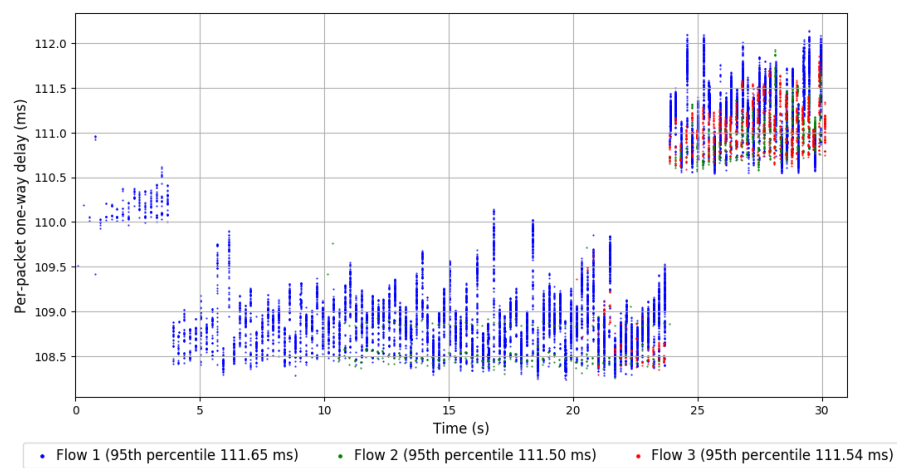
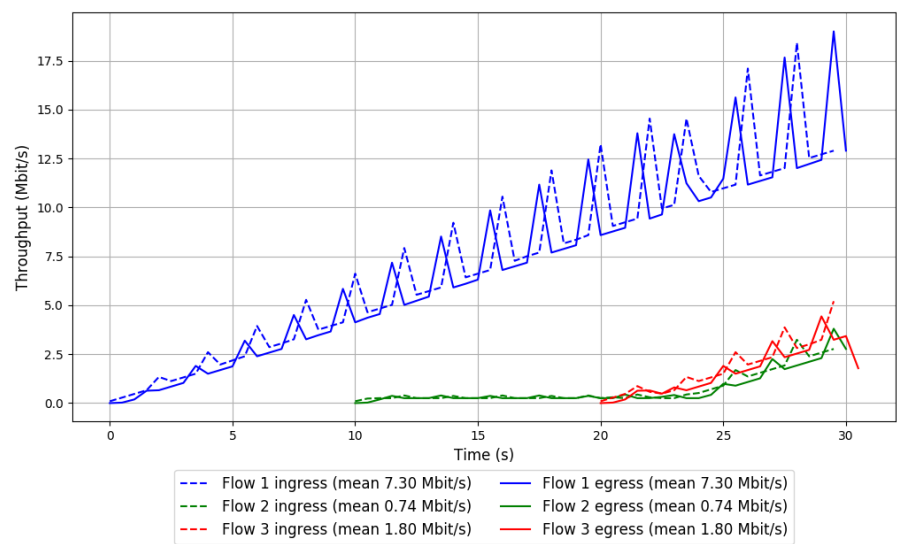


Run 9: Statistics of LEDBAT

Start at: 2018-07-10 04:23:05
End at: 2018-07-10 04:23:35
Local clock offset: 1.089 ms
Remote clock offset: -0.472 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 111.635 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 111.653 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 111.504 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 111.536 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

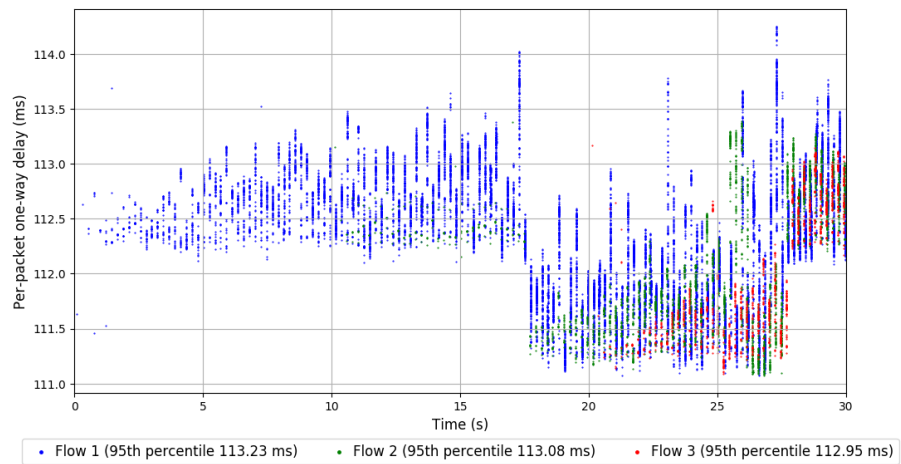
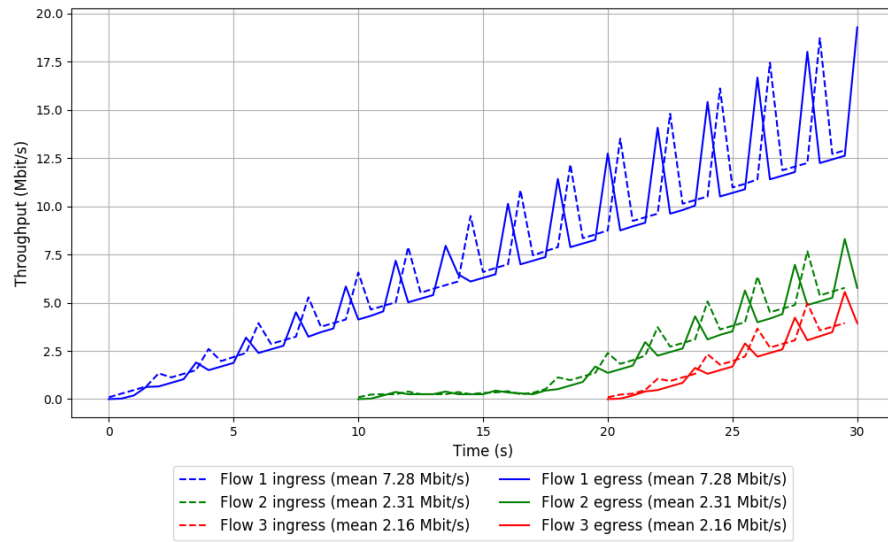


Run 10: Statistics of LEDBAT

Start at: 2018-07-10 04:49:01
End at: 2018-07-10 04:49:31
Local clock offset: -1.362 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 113.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 113.231 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 113.081 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 112.954 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

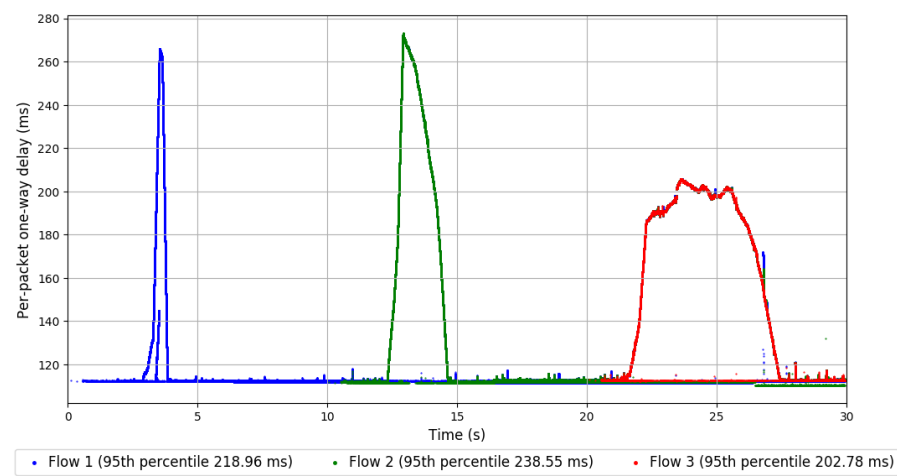
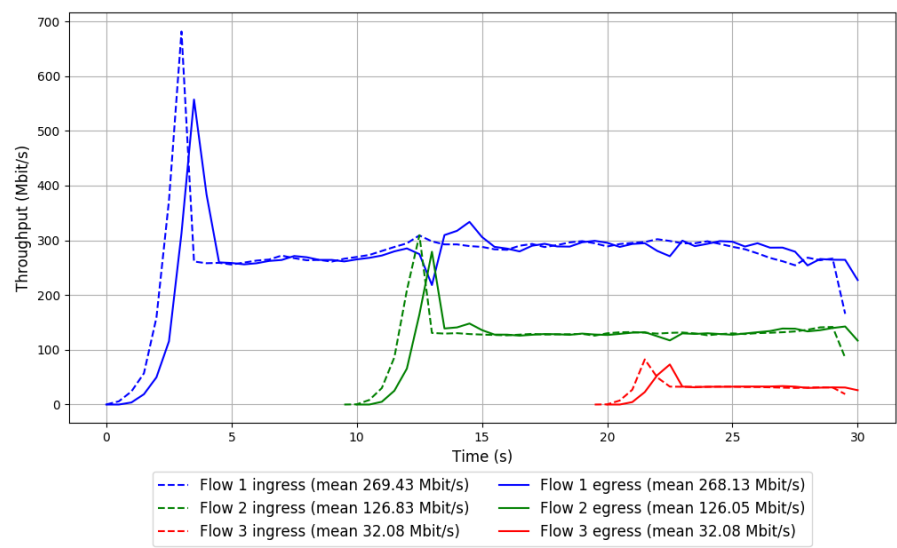


Run 1: Statistics of PCC-Allegro

Start at: 2018-07-10 00:48:22
End at: 2018-07-10 00:48:52
Local clock offset: -1.346 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 362.65 Mbit/s
95th percentile per-packet one-way delay: 223.509 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 268.13 Mbit/s
95th percentile per-packet one-way delay: 218.960 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 126.05 Mbit/s
95th percentile per-packet one-way delay: 238.549 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 32.08 Mbit/s
95th percentile per-packet one-way delay: 202.779 ms
Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-10 01:14:18

End at: 2018-07-10 01:14:48

Local clock offset: -1.413 ms

Remote clock offset: 0.292 ms

Below is generated by plot.py at 2018-07-10 06:27:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 379.02 Mbit/s

95th percentile per-packet one-way delay: 228.781 ms

Loss rate: 0.40%

-- Flow 1:

Average throughput: 334.31 Mbit/s

95th percentile per-packet one-way delay: 228.704 ms

Loss rate: 0.45%

-- Flow 2:

Average throughput: 65.09 Mbit/s

95th percentile per-packet one-way delay: 229.874 ms

Loss rate: 0.03%

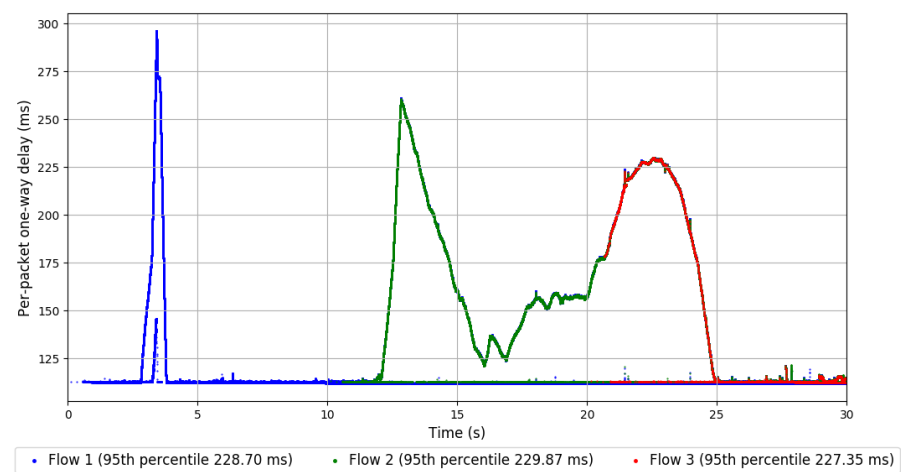
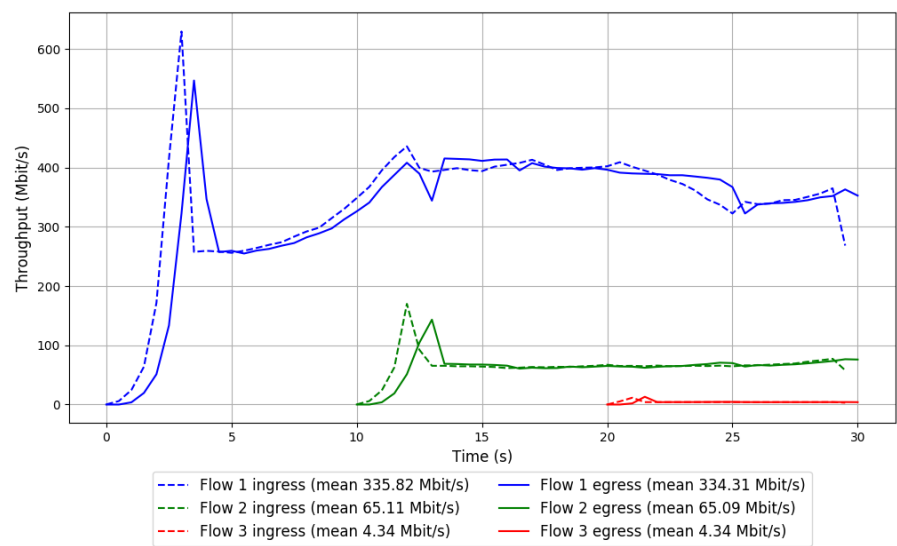
-- Flow 3:

Average throughput: 4.34 Mbit/s

95th percentile per-packet one-way delay: 227.348 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

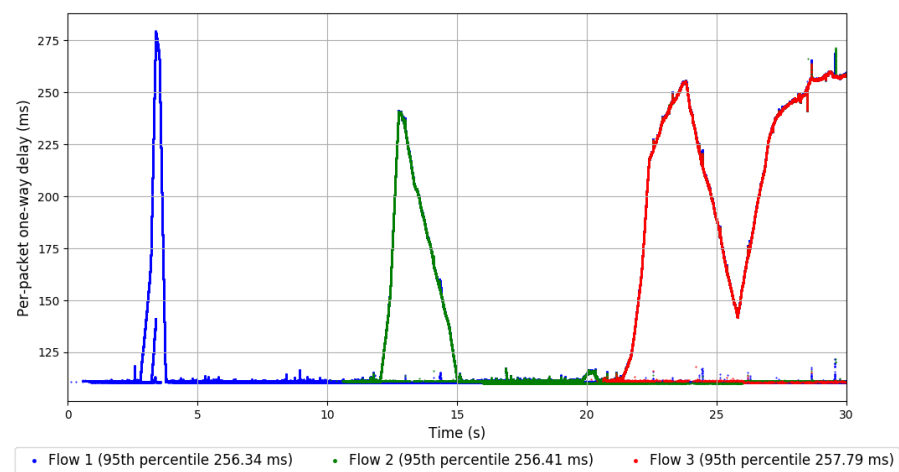
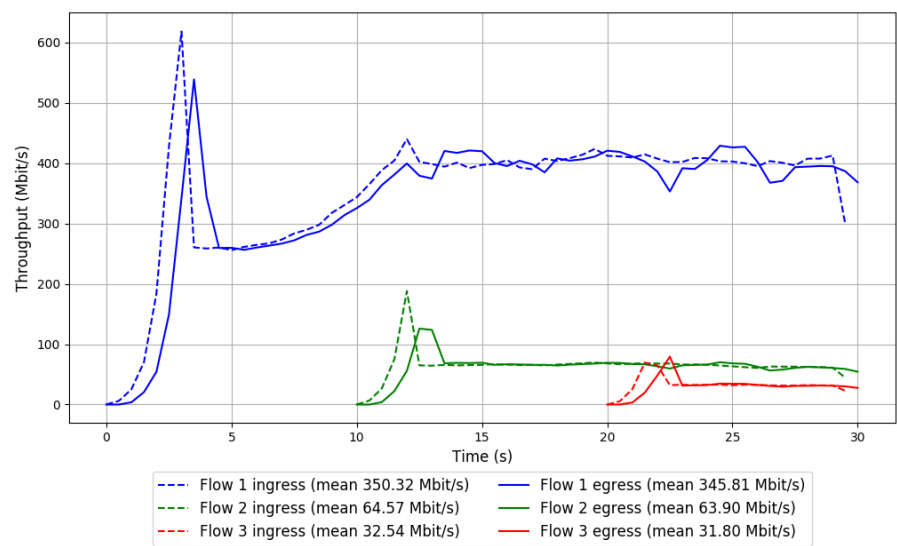


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-10 01:40:22
End at: 2018-07-10 01:40:52
Local clock offset: -0.2 ms
Remote clock offset: -0.131 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 398.73 Mbit/s
95th percentile per-packet one-way delay: 256.408 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 345.81 Mbit/s
95th percentile per-packet one-way delay: 256.344 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 63.90 Mbit/s
95th percentile per-packet one-way delay: 256.407 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 257.793 ms
Loss rate: 2.28%

Run 3: Report of PCC-Allegro — Data Link

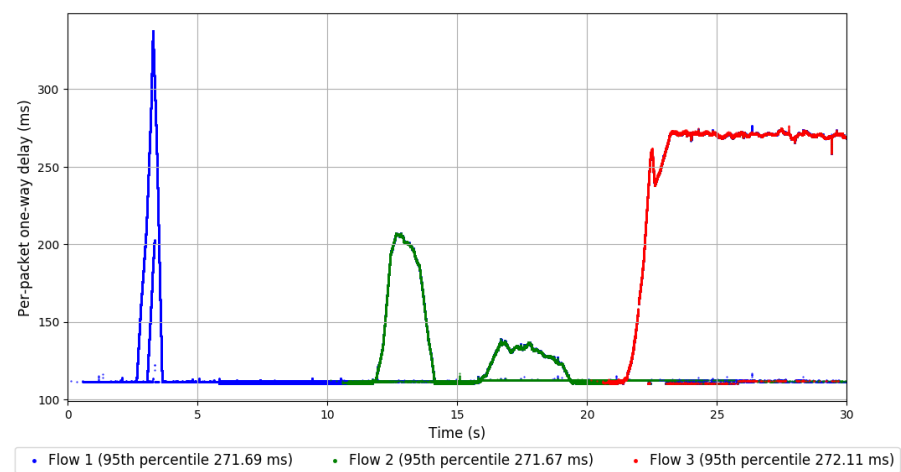
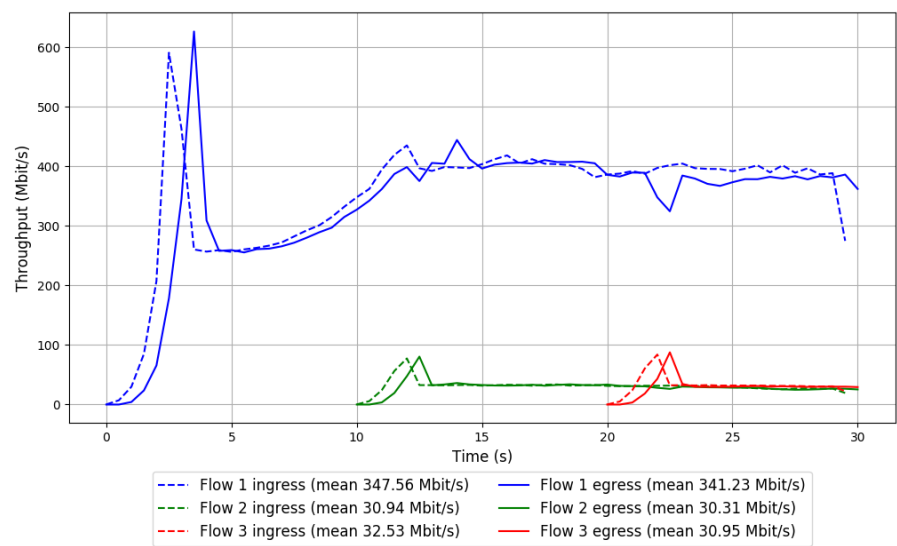


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-10 02:06:12
End at: 2018-07-10 02:06:42
Local clock offset: -1.392 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-07-10 06:27:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 371.57 Mbit/s
95th percentile per-packet one-way delay: 271.708 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 341.23 Mbit/s
95th percentile per-packet one-way delay: 271.689 ms
Loss rate: 1.81%
-- Flow 2:
Average throughput: 30.31 Mbit/s
95th percentile per-packet one-way delay: 271.669 ms
Loss rate: 2.02%
-- Flow 3:
Average throughput: 30.95 Mbit/s
95th percentile per-packet one-way delay: 272.106 ms
Loss rate: 4.84%

Run 4: Report of PCC-Allegro — Data Link

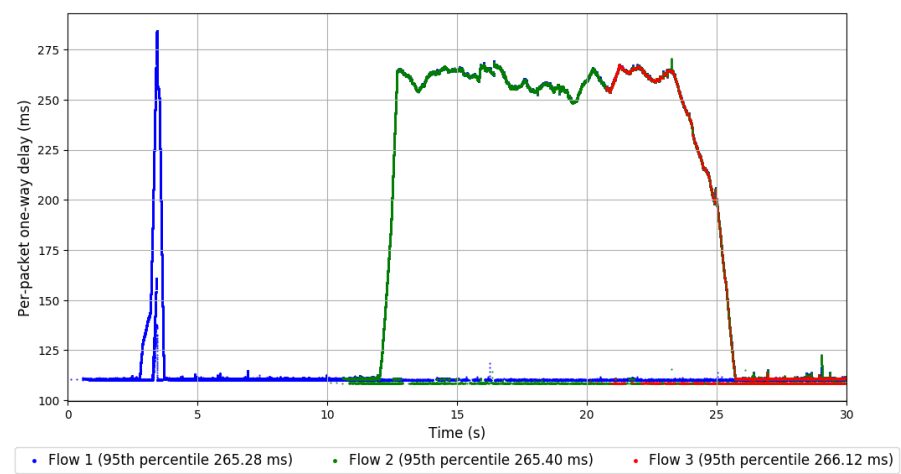
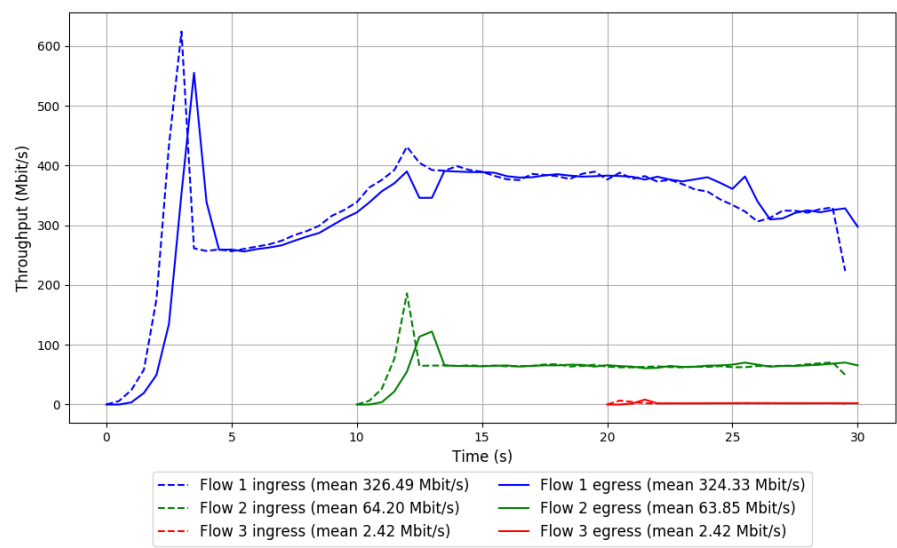


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-10 02:32:25
End at: 2018-07-10 02:32:55
Local clock offset: 1.129 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-07-10 06:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 367.54 Mbit/s
95th percentile per-packet one-way delay: 265.305 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 324.33 Mbit/s
95th percentile per-packet one-way delay: 265.282 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 63.85 Mbit/s
95th percentile per-packet one-way delay: 265.401 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 266.116 ms
Loss rate: 0.35%

Run 5: Report of PCC-Allegro — Data Link

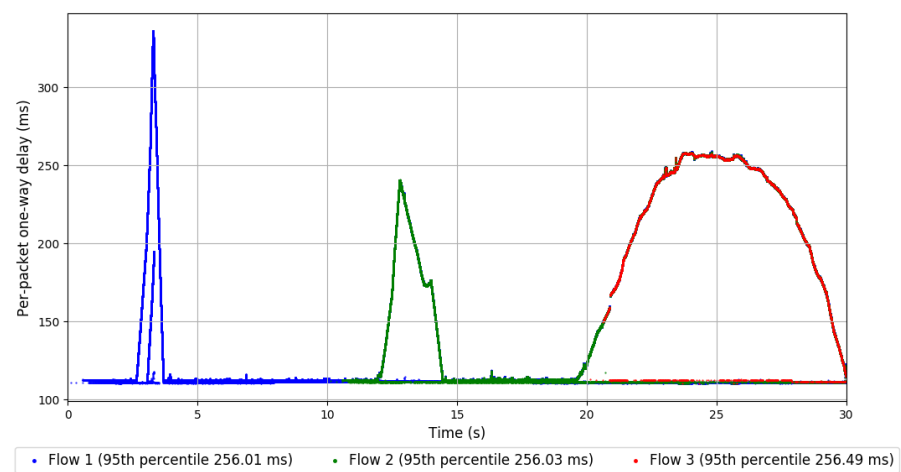
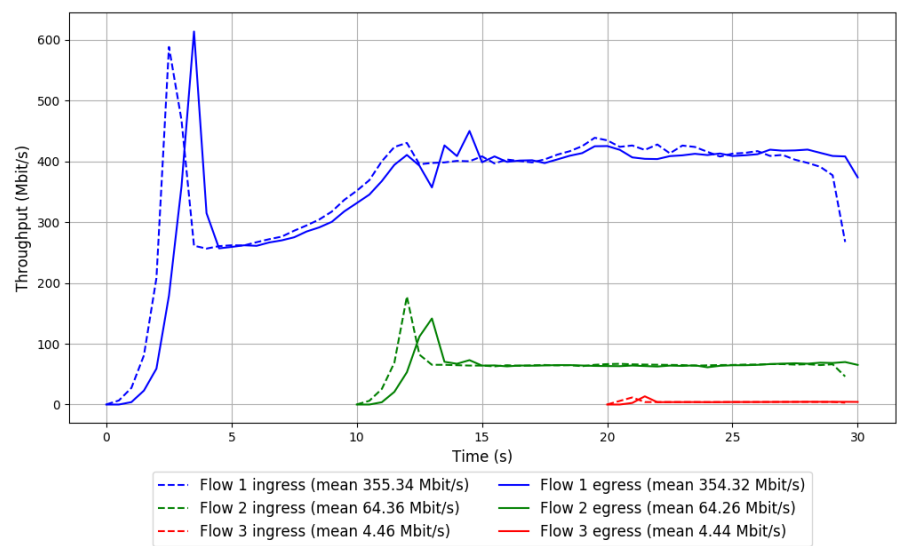


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-10 02:58:18
End at: 2018-07-10 02:58:48
Local clock offset: -0.171 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-10 06:28:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 398.49 Mbit/s
95th percentile per-packet one-way delay: 256.013 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 354.32 Mbit/s
95th percentile per-packet one-way delay: 256.006 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 64.26 Mbit/s
95th percentile per-packet one-way delay: 256.033 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 256.488 ms
Loss rate: 0.36%

Run 6: Report of PCC-Allegro — Data Link

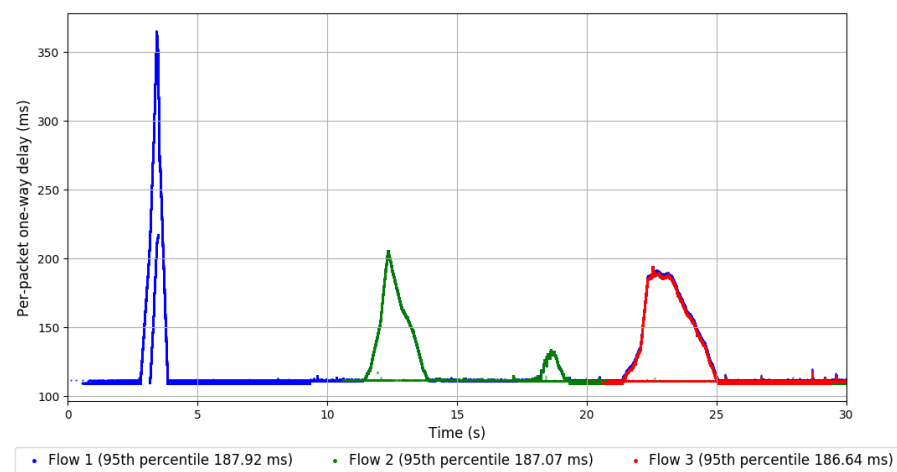
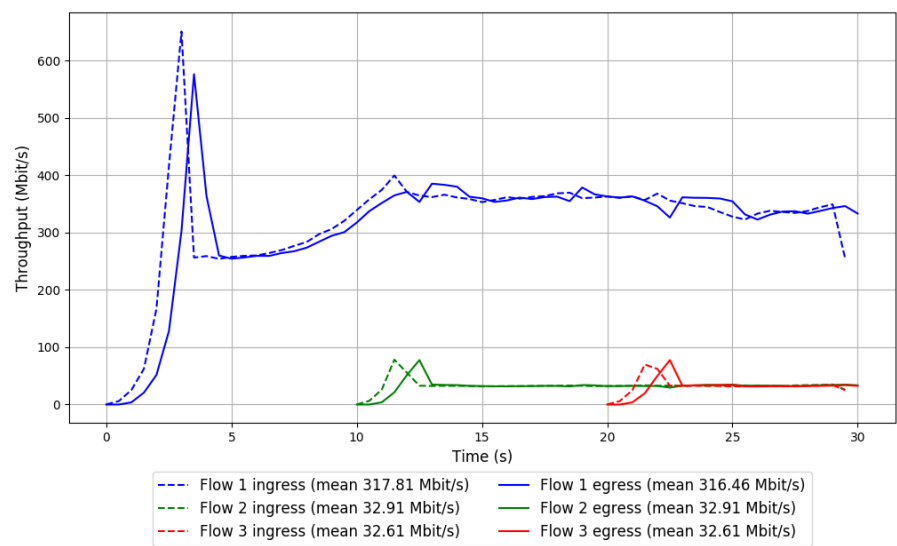


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-10 03:23:59
End at: 2018-07-10 03:24:29
Local clock offset: -0.299 ms
Remote clock offset: -0.064 ms

```
# Below is generated by plot.py at 2018-07-10 06:30:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 349.08 Mbit/s
95th percentile per-packet one-way delay: 187.712 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 316.46 Mbit/s
95th percentile per-packet one-way delay: 187.921 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 32.91 Mbit/s
95th percentile per-packet one-way delay: 187.070 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.61 Mbit/s
95th percentile per-packet one-way delay: 186.642 ms
Loss rate: 0.00%
```


Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-10 03:50:00

End at: 2018-07-10 03:50:30

Local clock offset: -0.086 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-07-10 06:30:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 372.14 Mbit/s

95th percentile per-packet one-way delay: 198.953 ms

Loss rate: 0.71%

-- Flow 1:

Average throughput: 285.98 Mbit/s

95th percentile per-packet one-way delay: 197.954 ms

Loss rate: 0.69%

-- Flow 2:

Average throughput: 127.26 Mbit/s

95th percentile per-packet one-way delay: 205.646 ms

Loss rate: 0.79%

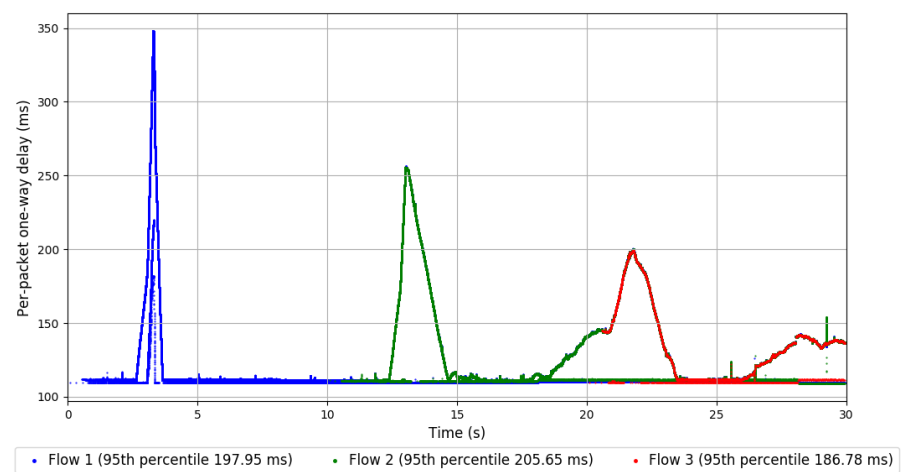
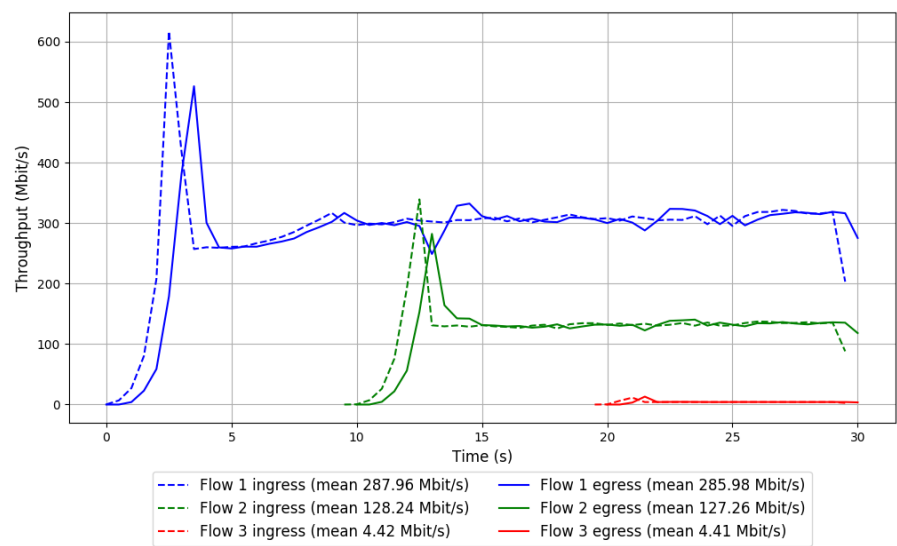
-- Flow 3:

Average throughput: 4.41 Mbit/s

95th percentile per-packet one-way delay: 186.784 ms

Loss rate: 0.25%

Run 8: Report of PCC-Allegro — Data Link

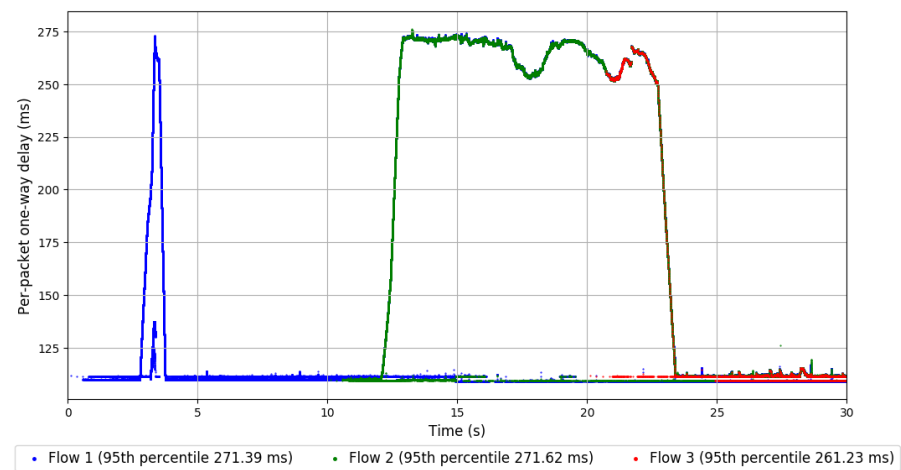
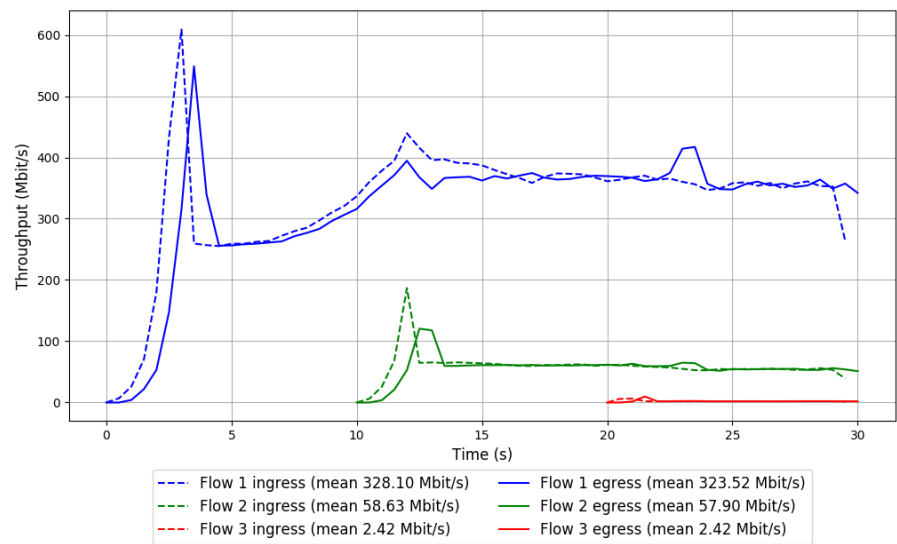


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-10 04:16:13
End at: 2018-07-10 04:16:43
Local clock offset: -0.144 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-10 06:31:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 362.81 Mbit/s
95th percentile per-packet one-way delay: 271.417 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 323.52 Mbit/s
95th percentile per-packet one-way delay: 271.394 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 271.622 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 261.232 ms
Loss rate: 0.00%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-07-10 04:42:10

End at: 2018-07-10 04:42:40

Local clock offset: -0.113 ms

Remote clock offset: 0.222 ms

Below is generated by plot.py at 2018-07-10 06:31:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 353.41 Mbit/s

95th percentile per-packet one-way delay: 273.701 ms

Loss rate: 5.25%

-- Flow 1:

Average throughput: 351.20 Mbit/s

95th percentile per-packet one-way delay: 273.723 ms

Loss rate: 5.27%

-- Flow 2:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 267.300 ms

Loss rate: 2.98%

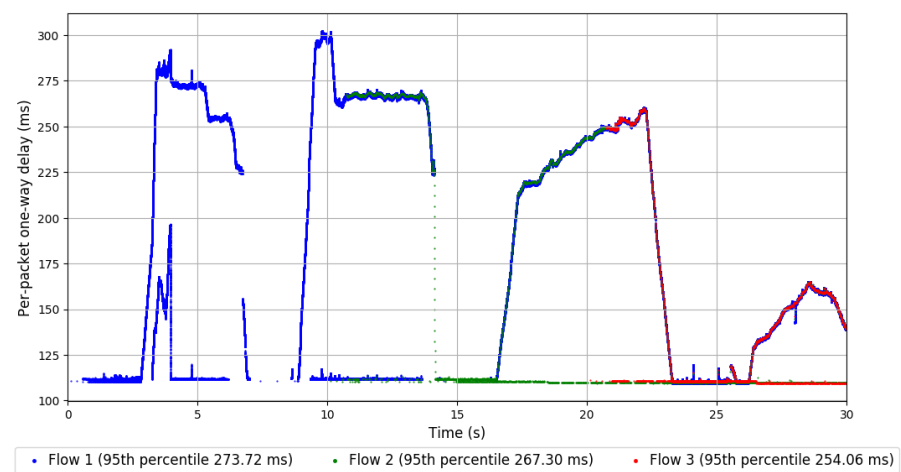
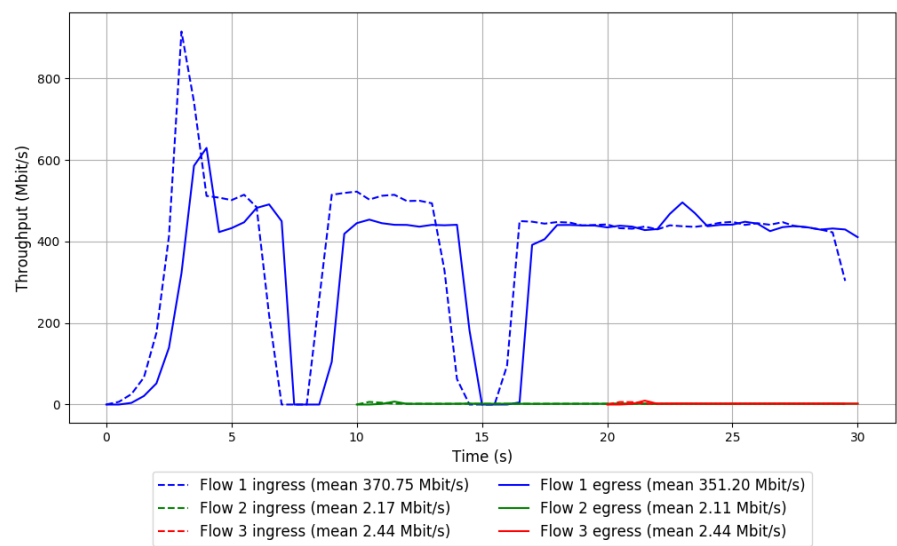
-- Flow 3:

Average throughput: 2.44 Mbit/s

95th percentile per-packet one-way delay: 254.056 ms

Loss rate: 0.25%

Run 10: Report of PCC-Allegro — Data Link

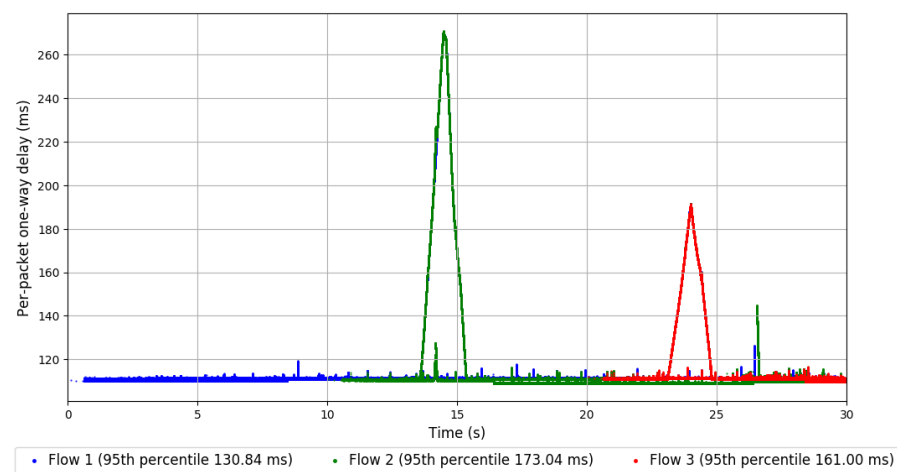
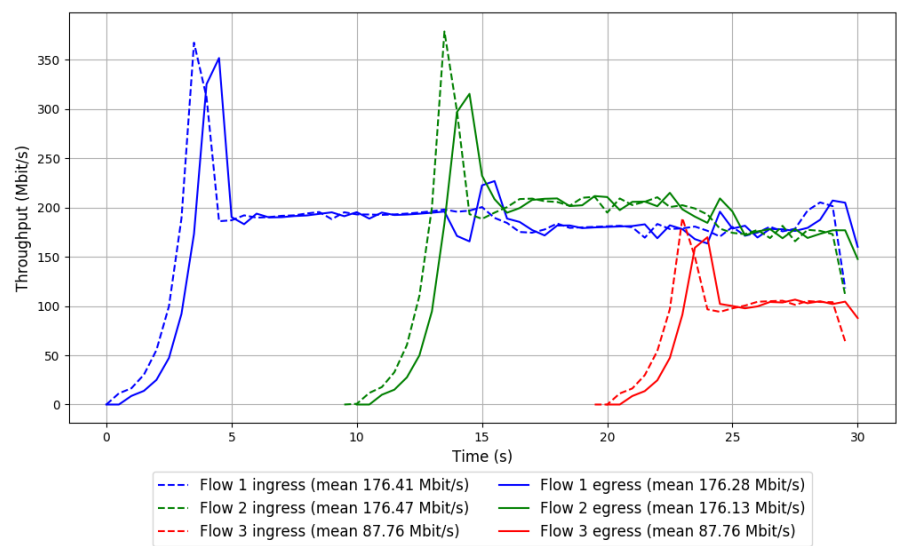


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-10 00:33:20
End at: 2018-07-10 00:33:50
Local clock offset: -0.106 ms
Remote clock offset: -0.067 ms

# Below is generated by plot.py at 2018-07-10 06:35:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 322.72 Mbit/s
95th percentile per-packet one-way delay: 156.917 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 176.28 Mbit/s
95th percentile per-packet one-way delay: 130.839 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 176.13 Mbit/s
95th percentile per-packet one-way delay: 173.044 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 161.005 ms
Loss rate: 0.00%
```


Run 1: Report of PCC-Expr — Data Link

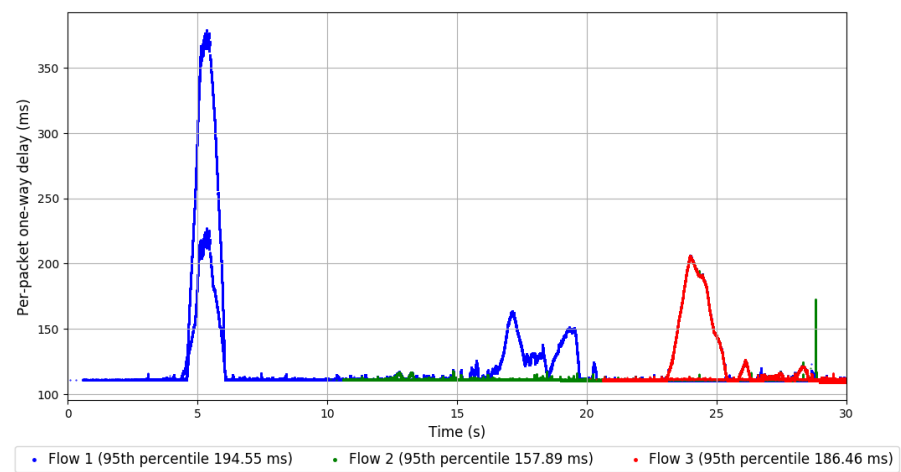
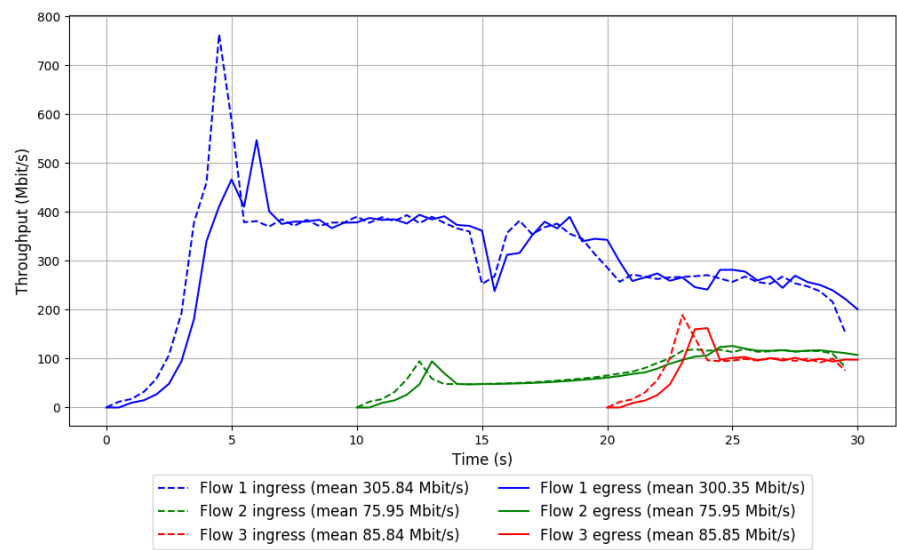


Run 2: Statistics of PCC-Expr

Start at: 2018-07-10 00:59:09
End at: 2018-07-10 00:59:39
Local clock offset: -0.068 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2018-07-10 06:38:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 379.18 Mbit/s
95th percentile per-packet one-way delay: 190.217 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 300.35 Mbit/s
95th percentile per-packet one-way delay: 194.547 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 157.894 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.85 Mbit/s
95th percentile per-packet one-way delay: 186.456 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

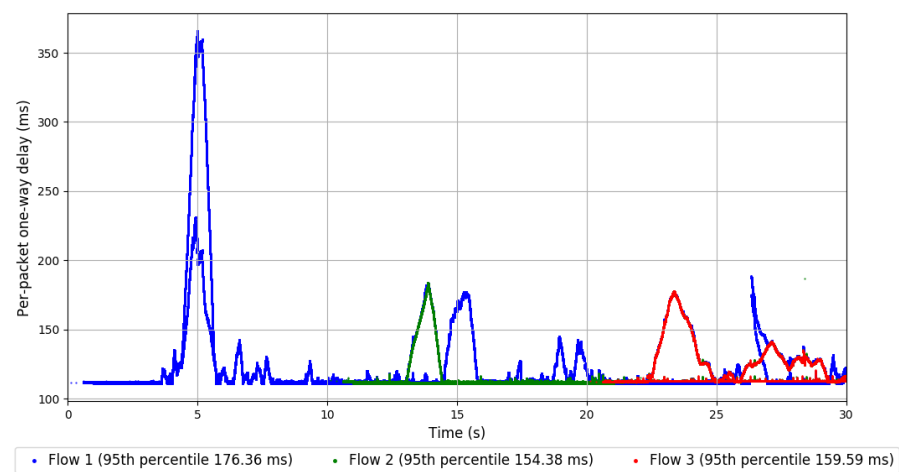
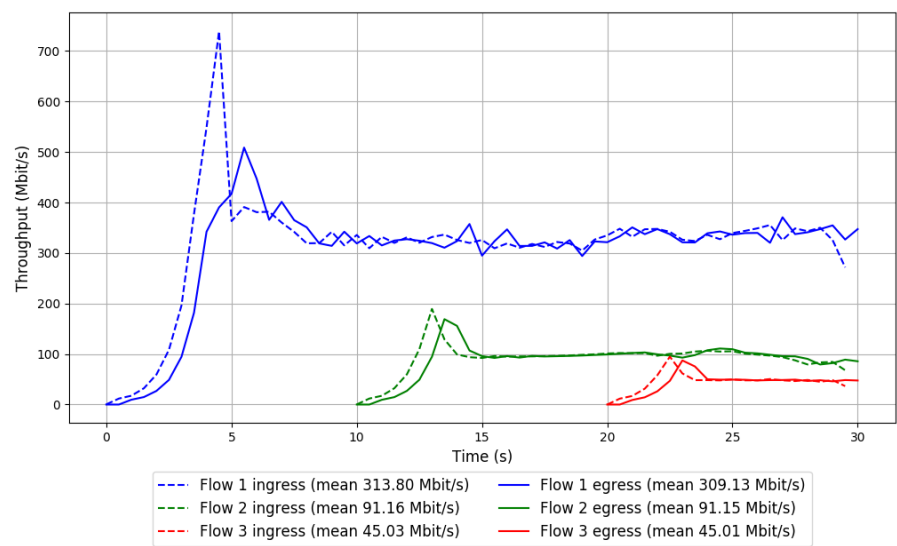


Run 3: Statistics of PCC-Expr

Start at: 2018-07-10 01:25:17
End at: 2018-07-10 01:25:47
Local clock offset: -1.243 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2018-07-10 06:39:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 384.59 Mbit/s
95th percentile per-packet one-way delay: 174.007 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 309.13 Mbit/s
95th percentile per-packet one-way delay: 176.361 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 91.15 Mbit/s
95th percentile per-packet one-way delay: 154.383 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 45.01 Mbit/s
95th percentile per-packet one-way delay: 159.587 ms
Loss rate: 0.02%

Run 3: Report of PCC-Expr — Data Link

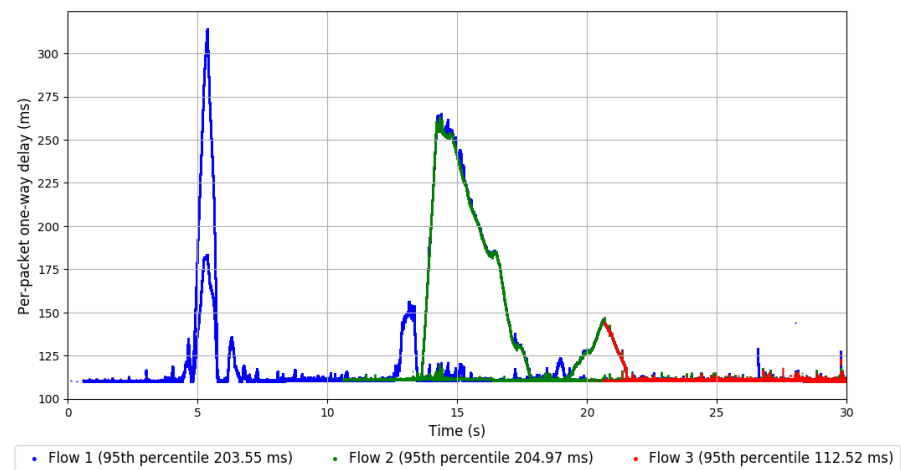
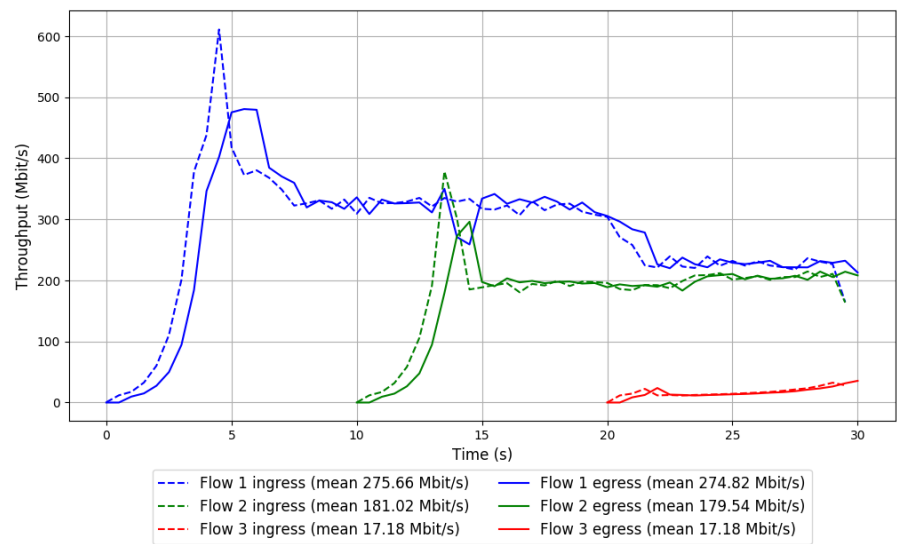


Run 4: Statistics of PCC-Expr

Start at: 2018-07-10 01:51:20
End at: 2018-07-10 01:51:50
Local clock offset: -0.295 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2018-07-10 06:40:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 399.90 Mbit/s
95th percentile per-packet one-way delay: 203.237 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 274.82 Mbit/s
95th percentile per-packet one-way delay: 203.549 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 179.54 Mbit/s
95th percentile per-packet one-way delay: 204.973 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 17.18 Mbit/s
95th percentile per-packet one-way delay: 112.521 ms
Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link

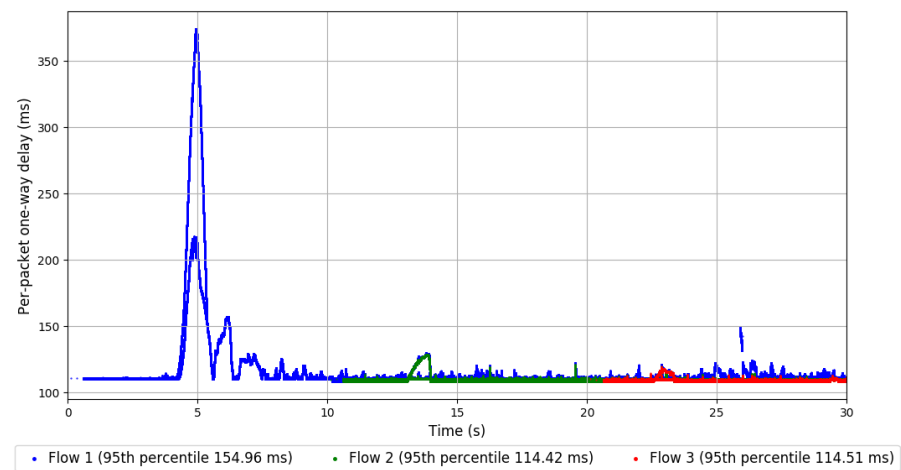
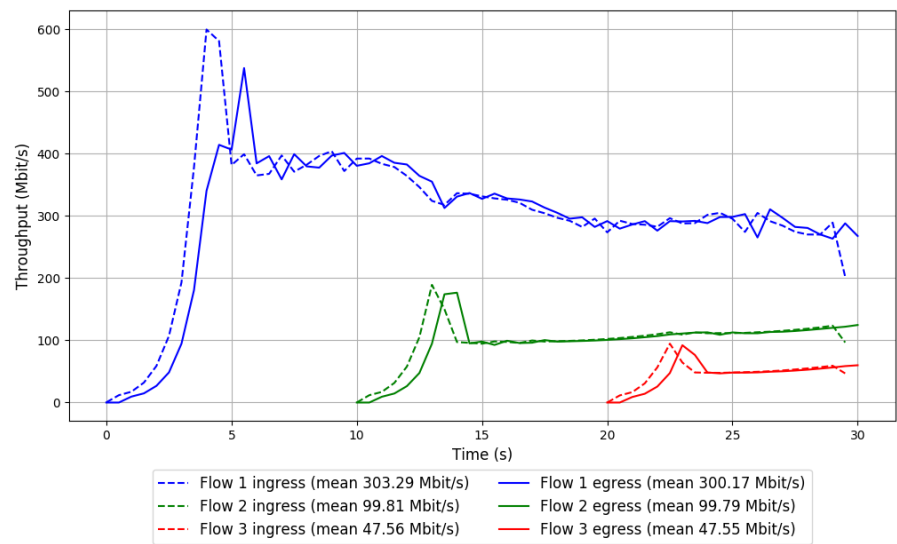


Run 5: Statistics of PCC-Expr

Start at: 2018-07-10 02:17:08
End at: 2018-07-10 02:17:38
Local clock offset: -0.031 ms
Remote clock offset: -0.424 ms

Below is generated by plot.py at 2018-07-10 06:42:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 382.20 Mbit/s
95th percentile per-packet one-way delay: 143.545 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 300.17 Mbit/s
95th percentile per-packet one-way delay: 154.962 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 99.79 Mbit/s
95th percentile per-packet one-way delay: 114.419 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 114.506 ms
Loss rate: 0.01%

Run 5: Report of PCC-Expr — Data Link

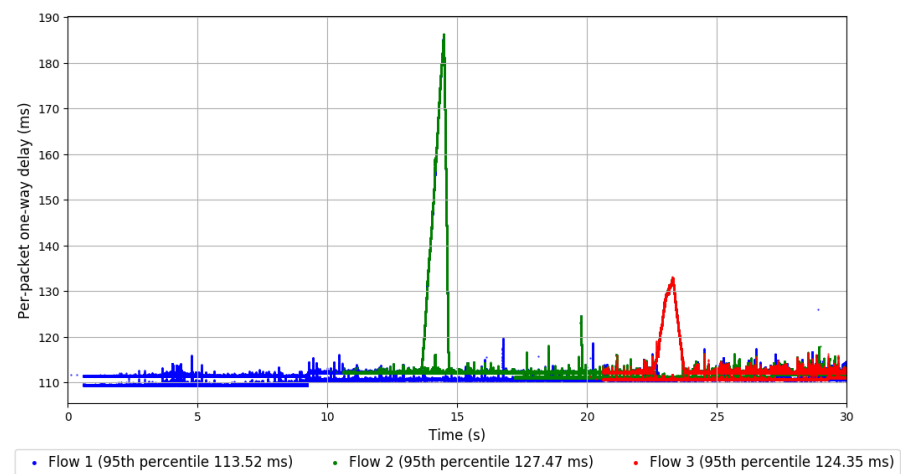
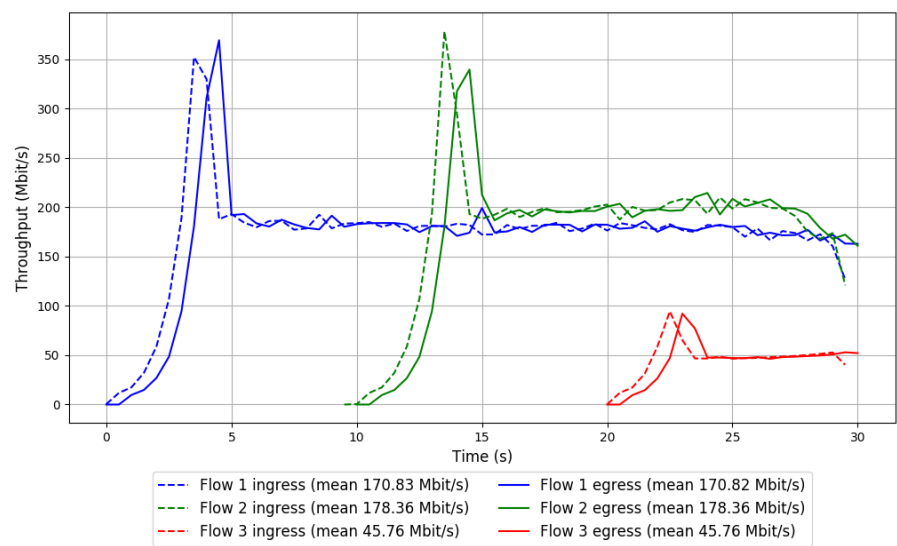


Run 6: Statistics of PCC-Expr

Start at: 2018-07-10 02:43:19
End at: 2018-07-10 02:43:49
Local clock offset: -0.402 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2018-07-10 06:42:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 304.60 Mbit/s
95th percentile per-packet one-way delay: 117.628 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 170.82 Mbit/s
95th percentile per-packet one-way delay: 113.516 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 178.36 Mbit/s
95th percentile per-packet one-way delay: 127.470 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.76 Mbit/s
95th percentile per-packet one-way delay: 124.354 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link

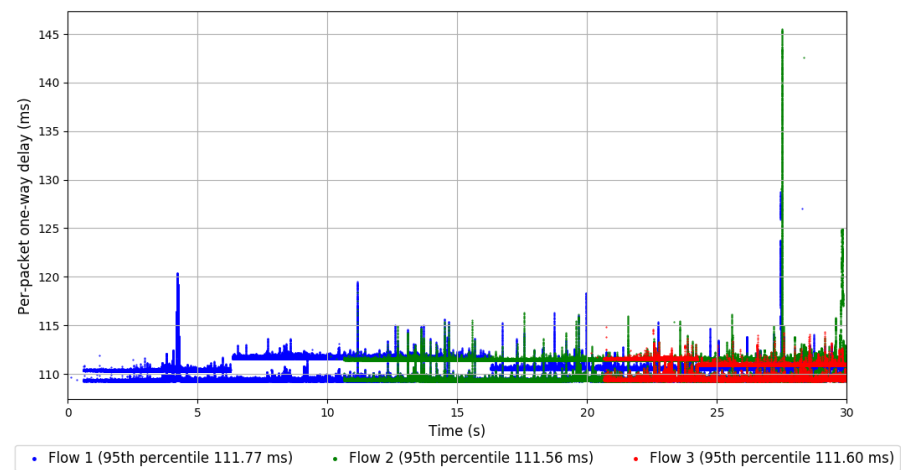
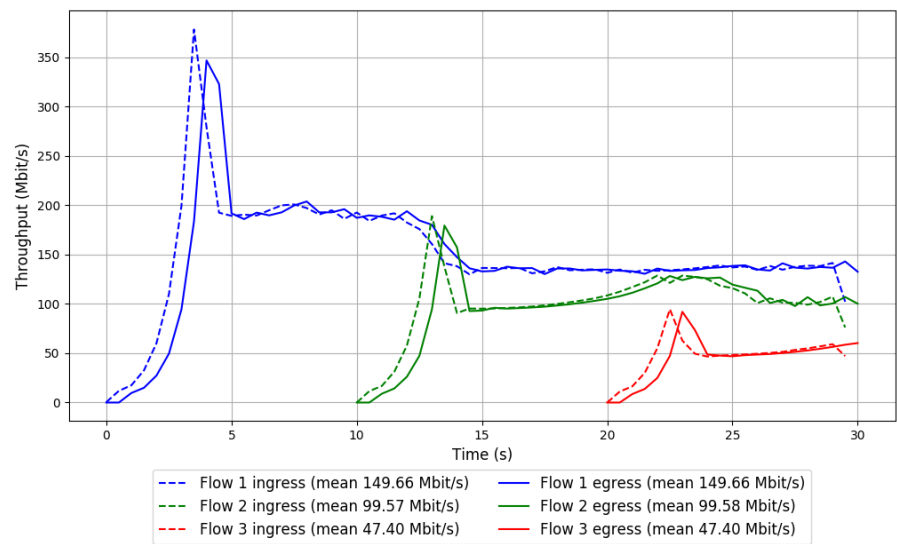


Run 7: Statistics of PCC-Expr

Start at: 2018-07-10 03:09:12
End at: 2018-07-10 03:09:42
Local clock offset: -0.345 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2018-07-10 06:42:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 231.48 Mbit/s
95th percentile per-packet one-way delay: 111.743 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 149.66 Mbit/s
95th percentile per-packet one-way delay: 111.765 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 99.58 Mbit/s
95th percentile per-packet one-way delay: 111.559 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.40 Mbit/s
95th percentile per-packet one-way delay: 111.602 ms
Loss rate: 0.00%

Run 7: Report of PCC-Expr — Data Link

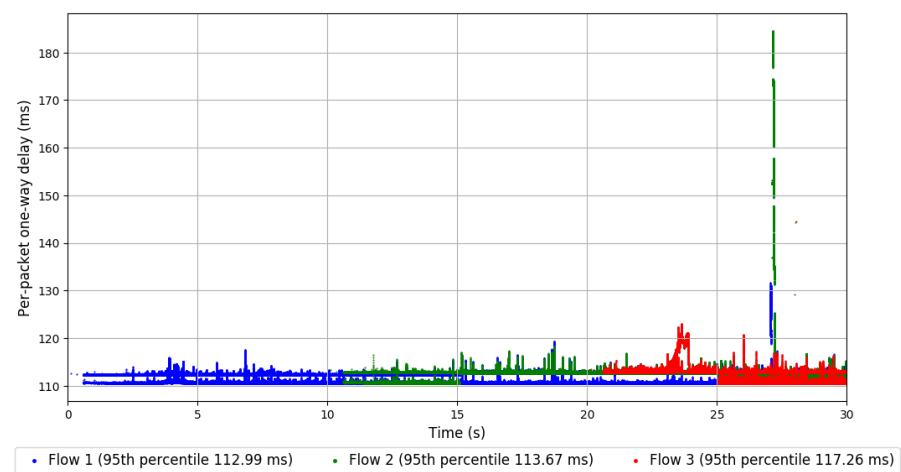
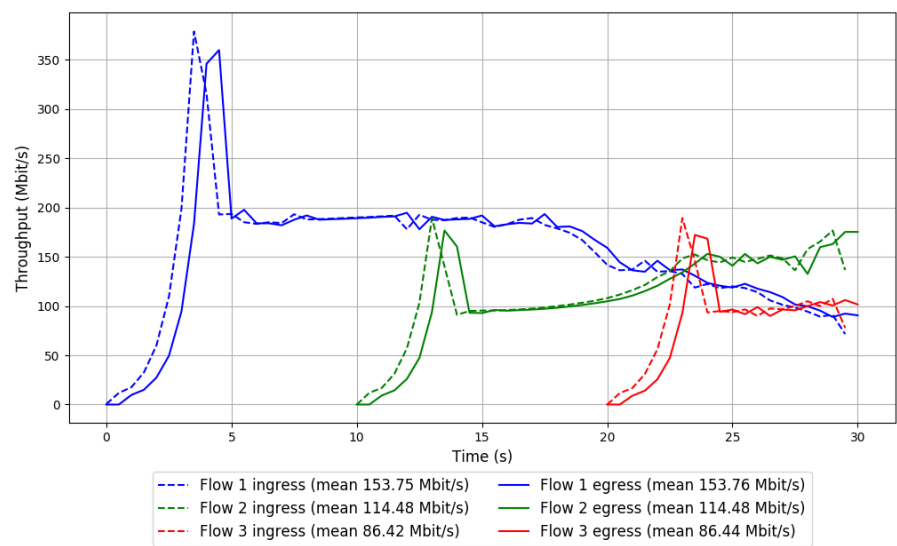


Run 8: Statistics of PCC-Expr

Start at: 2018-07-10 03:34:53
End at: 2018-07-10 03:35:23
Local clock offset: -1.623 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-07-10 06:42:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 258.40 Mbit/s
95th percentile per-packet one-way delay: 113.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 153.76 Mbit/s
95th percentile per-packet one-way delay: 112.987 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 114.48 Mbit/s
95th percentile per-packet one-way delay: 113.674 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 86.44 Mbit/s
95th percentile per-packet one-way delay: 117.260 ms
Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link

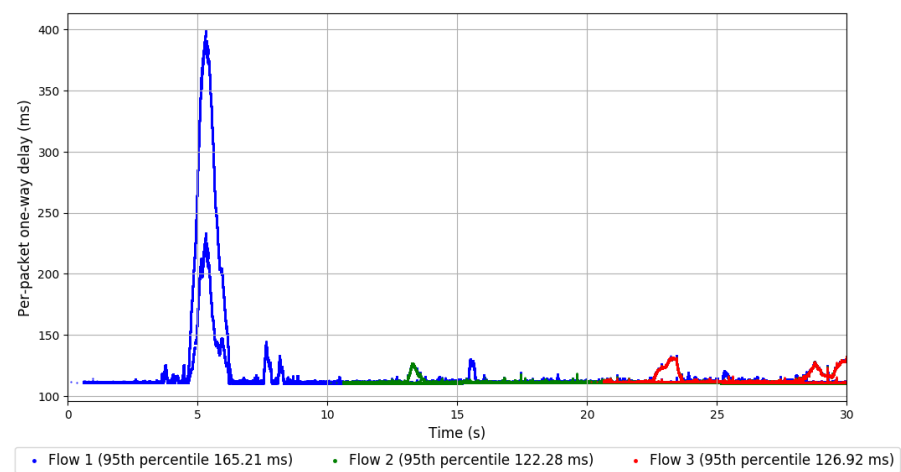
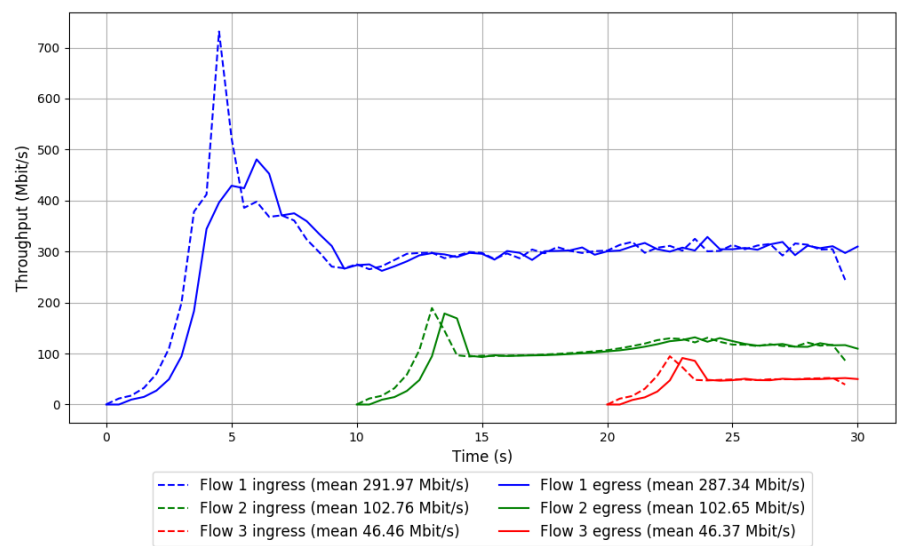


Run 9: Statistics of PCC-Expr

Start at: 2018-07-10 04:00:53
End at: 2018-07-10 04:01:23
Local clock offset: -0.266 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-07-10 06:47:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 370.90 Mbit/s
95th percentile per-packet one-way delay: 142.481 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 287.34 Mbit/s
95th percentile per-packet one-way delay: 165.209 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 102.65 Mbit/s
95th percentile per-packet one-way delay: 122.279 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 46.37 Mbit/s
95th percentile per-packet one-way delay: 126.915 ms
Loss rate: 0.20%

Run 9: Report of PCC-Expr — Data Link

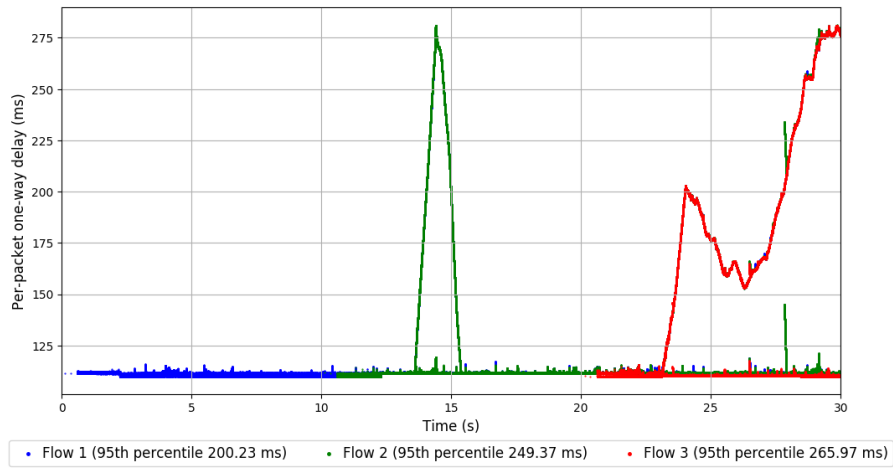
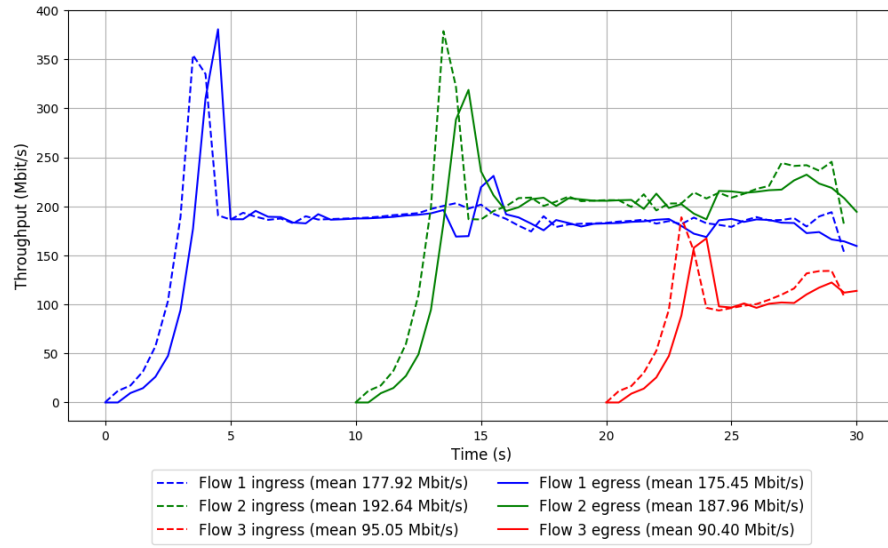


Run 10: Statistics of PCC-Expr

Start at: 2018-07-10 04:27:06
End at: 2018-07-10 04:27:36
Local clock offset: -0.24 ms
Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-07-10 06:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 330.27 Mbit/s
95th percentile per-packet one-way delay: 233.256 ms
Loss rate: 2.11%
-- Flow 1:
Average throughput: 175.45 Mbit/s
95th percentile per-packet one-way delay: 200.228 ms
Loss rate: 1.38%
-- Flow 2:
Average throughput: 187.96 Mbit/s
95th percentile per-packet one-way delay: 249.368 ms
Loss rate: 2.43%
-- Flow 3:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 265.969 ms
Loss rate: 4.88%

Run 10: Report of PCC-Expr — Data Link

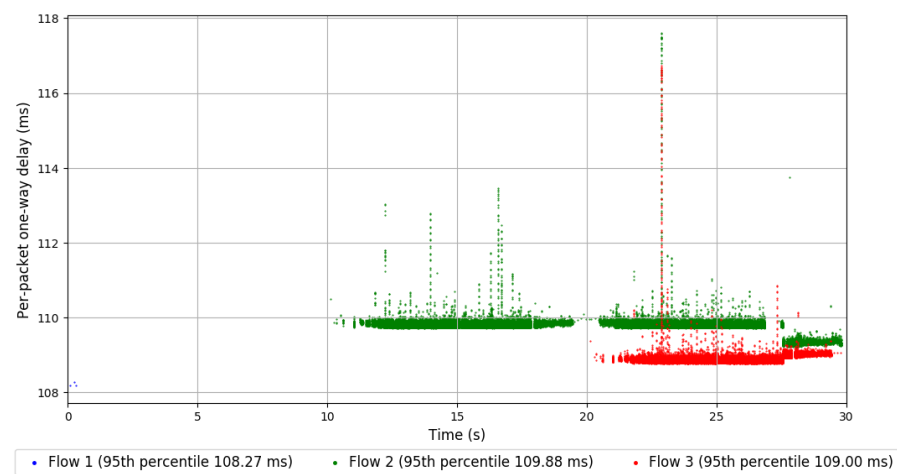
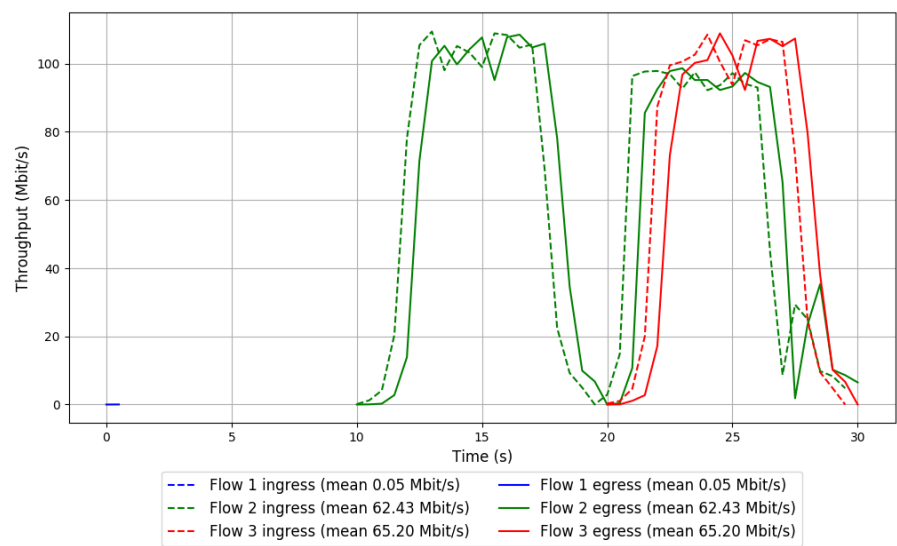


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-10 00:49:51
End at: 2018-07-10 00:50:21
Local clock offset: 1.197 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2018-07-10 06:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.54 Mbit/s
95th percentile per-packet one-way delay: 109.863 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 108.266 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.43 Mbit/s
95th percentile per-packet one-way delay: 109.879 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 109.004 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

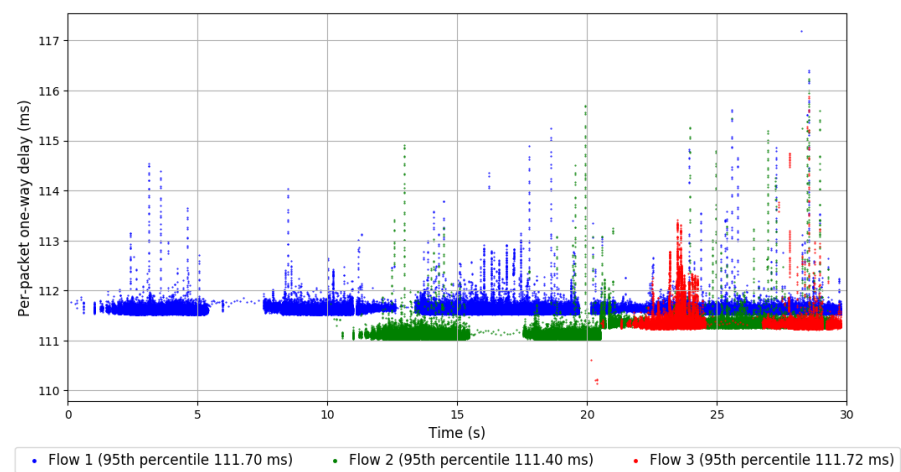
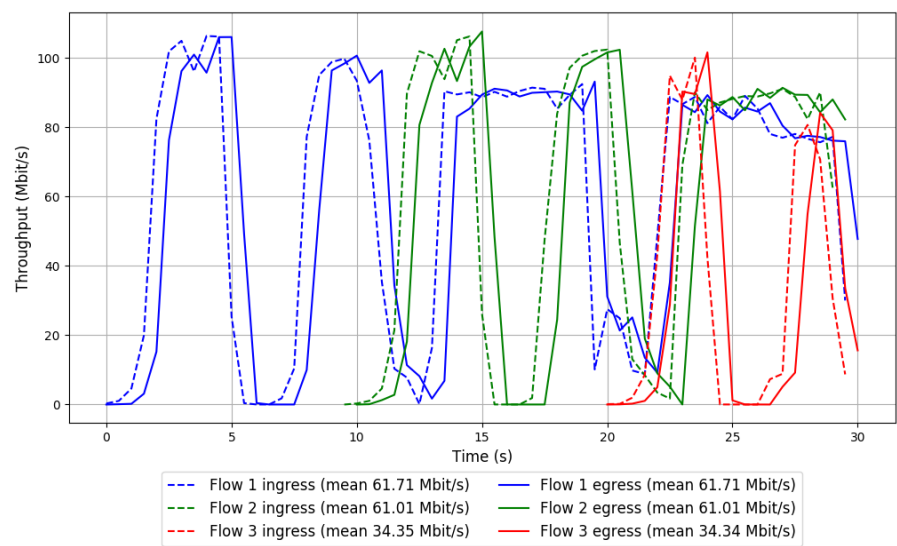


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-10 01:15:48
End at: 2018-07-10 01:16:18
Local clock offset: -0.371 ms
Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-07-10 06:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 112.68 Mbit/s
95th percentile per-packet one-way delay: 111.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.71 Mbit/s
95th percentile per-packet one-way delay: 111.705 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.01 Mbit/s
95th percentile per-packet one-way delay: 111.400 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.34 Mbit/s
95th percentile per-packet one-way delay: 111.717 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

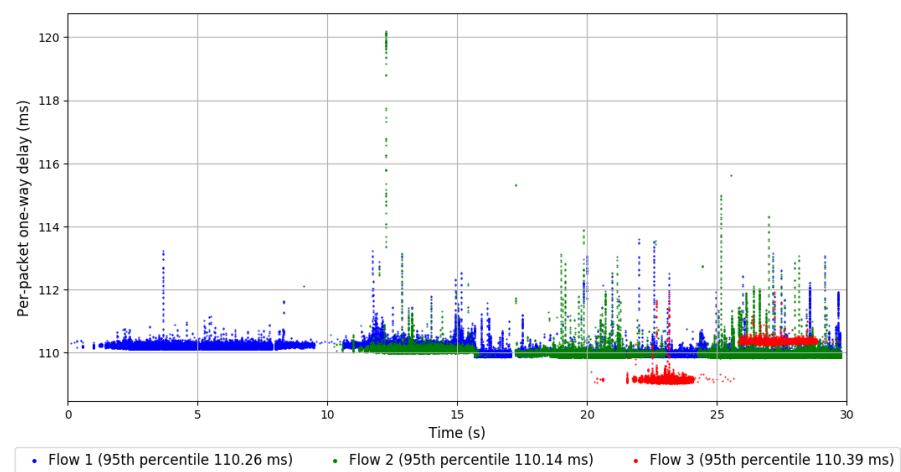
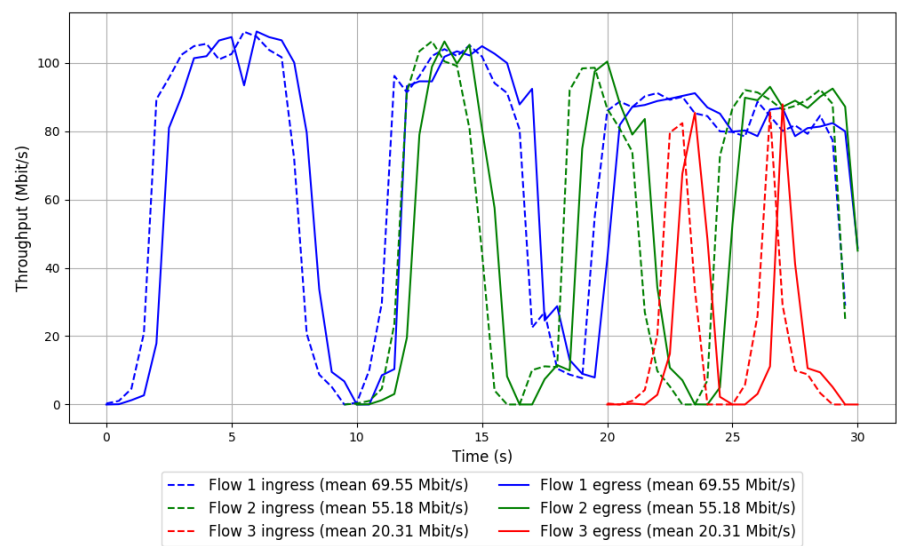


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-10 01:41:52
End at: 2018-07-10 01:42:22
Local clock offset: -0.124 ms
Remote clock offset: -0.135 ms

Below is generated by plot.py at 2018-07-10 06:48:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 112.72 Mbit/s
95th percentile per-packet one-way delay: 110.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.55 Mbit/s
95th percentile per-packet one-way delay: 110.259 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 110.137 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.31 Mbit/s
95th percentile per-packet one-way delay: 110.395 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

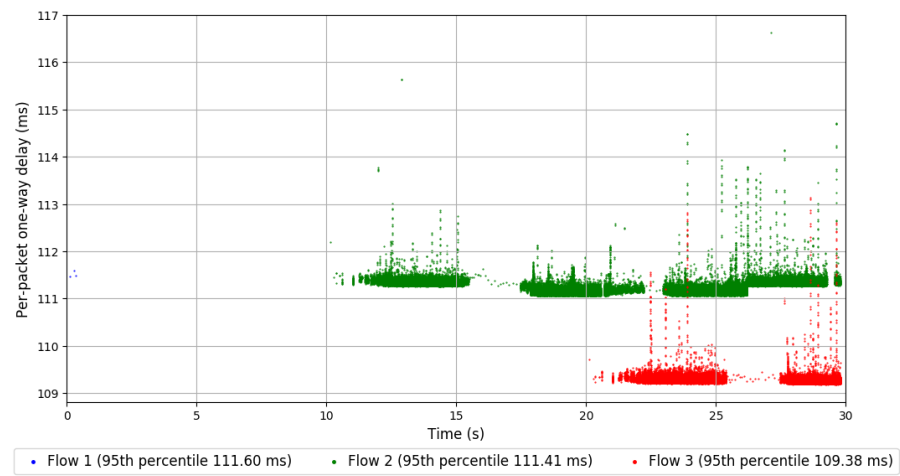
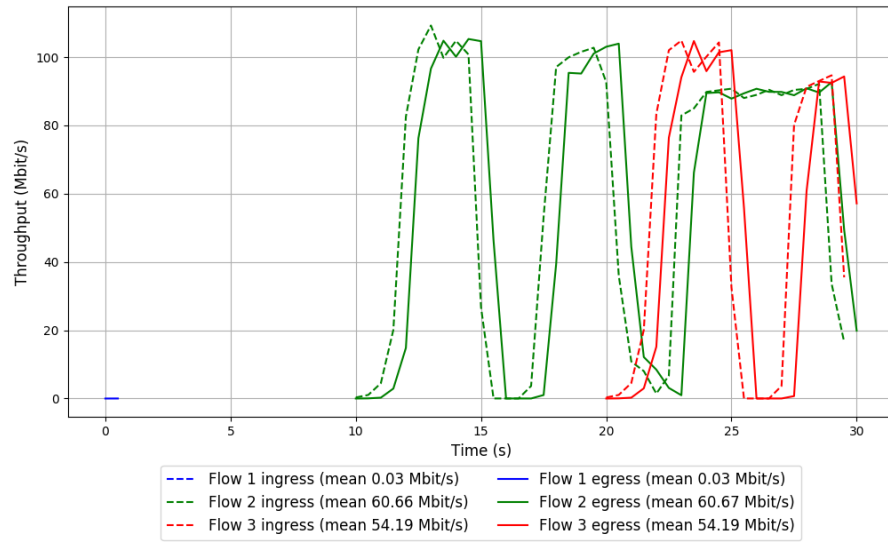


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-10 02:07:42
End at: 2018-07-10 02:08:12
Local clock offset: -0.213 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.81 Mbit/s
95th percentile per-packet one-way delay: 111.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 111.597 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.67 Mbit/s
95th percentile per-packet one-way delay: 111.413 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.19 Mbit/s
95th percentile per-packet one-way delay: 109.379 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

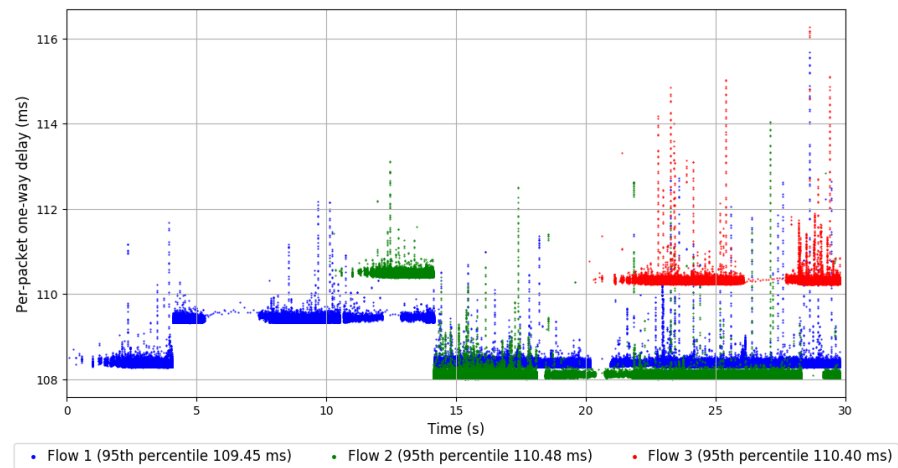
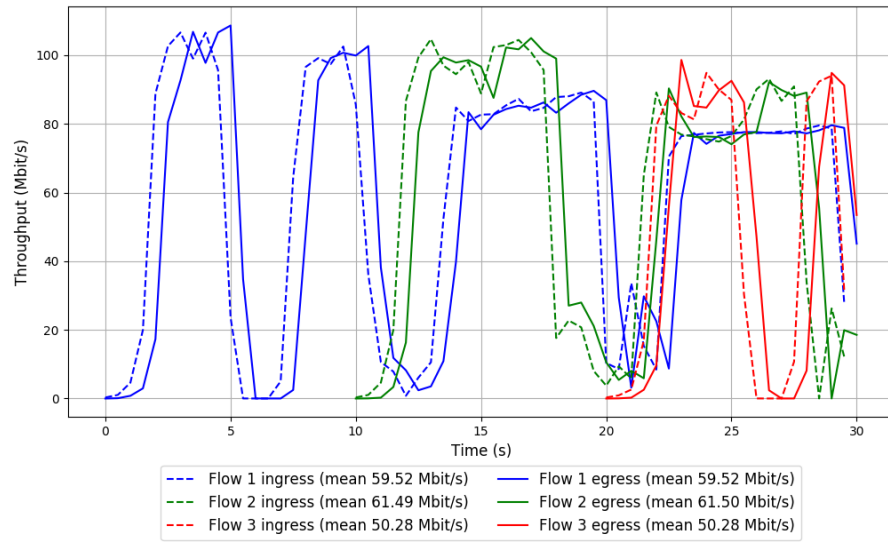


Run 5: Statistics of QUIC Cubic

Start at: 2018-07-10 02:33:54
End at: 2018-07-10 02:34:24
Local clock offset: 0.898 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 116.60 Mbit/s
95th percentile per-packet one-way delay: 110.429 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.52 Mbit/s
95th percentile per-packet one-way delay: 109.446 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.50 Mbit/s
95th percentile per-packet one-way delay: 110.485 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 110.400 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

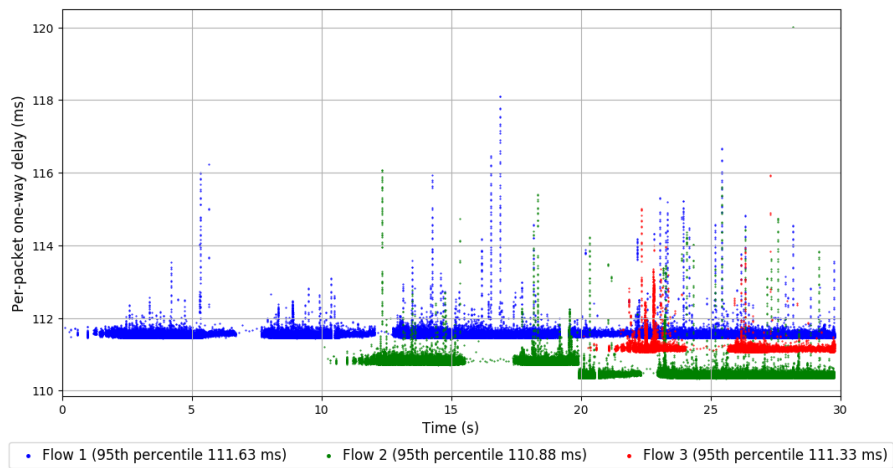
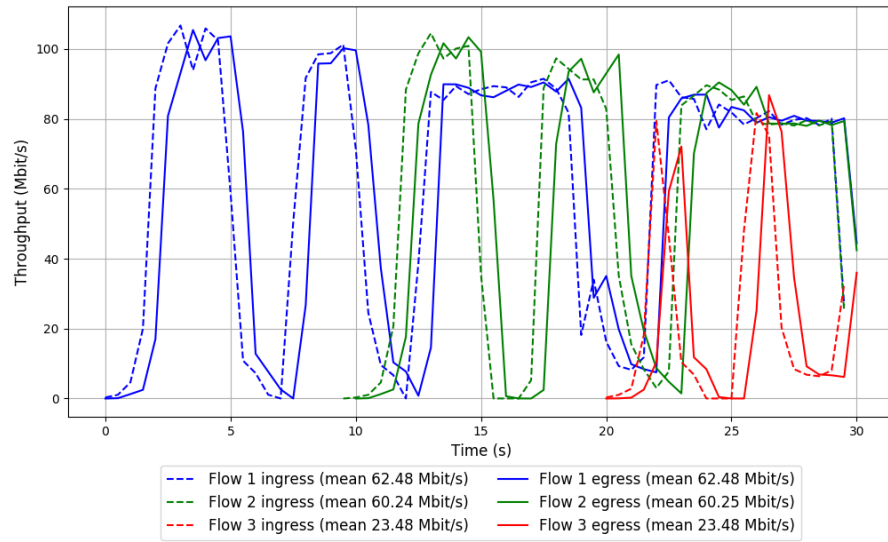


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-10 02:59:48
End at: 2018-07-10 03:00:18
Local clock offset: -0.192 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 110.05 Mbit/s
95th percentile per-packet one-way delay: 111.610 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.48 Mbit/s
95th percentile per-packet one-way delay: 111.634 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.25 Mbit/s
95th percentile per-packet one-way delay: 110.881 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.48 Mbit/s
95th percentile per-packet one-way delay: 111.333 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

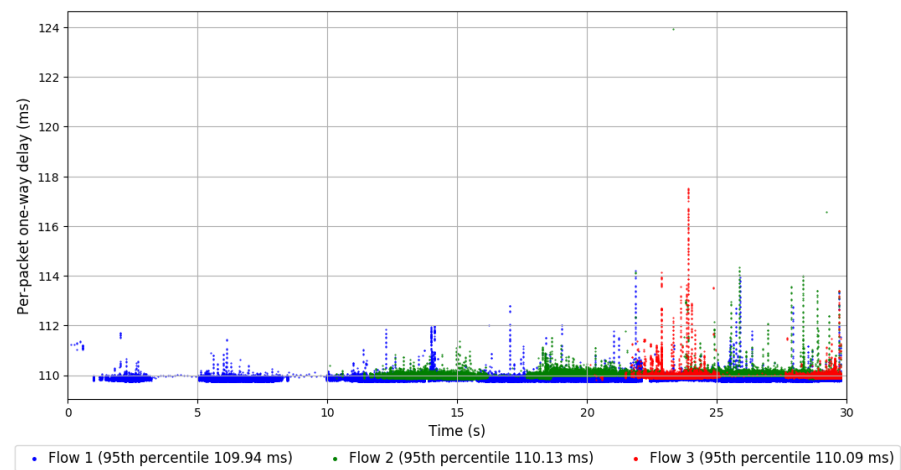
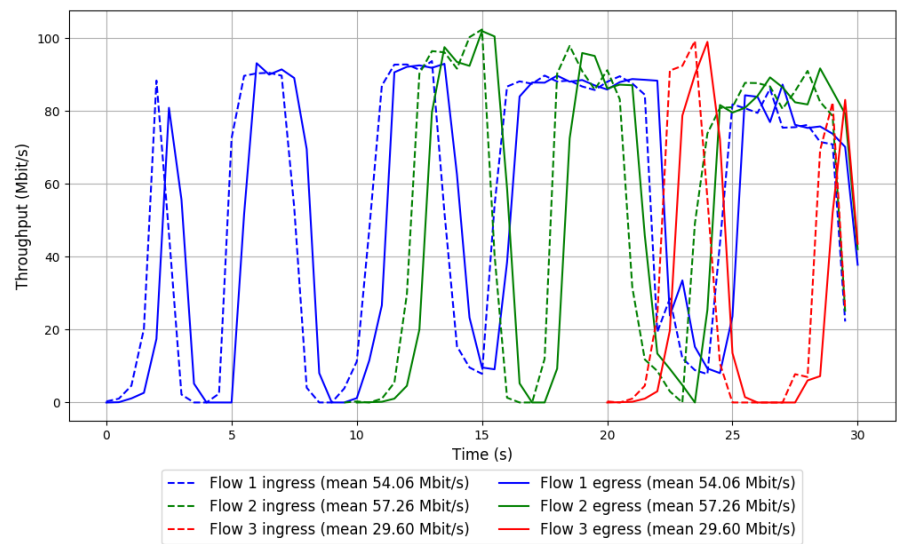


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-10 03:25:27
End at: 2018-07-10 03:25:57
Local clock offset: -0.059 ms
Remote clock offset: -0.432 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 101.66 Mbit/s
95th percentile per-packet one-way delay: 110.095 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.06 Mbit/s
95th percentile per-packet one-way delay: 109.939 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.26 Mbit/s
95th percentile per-packet one-way delay: 110.127 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.60 Mbit/s
95th percentile per-packet one-way delay: 110.088 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

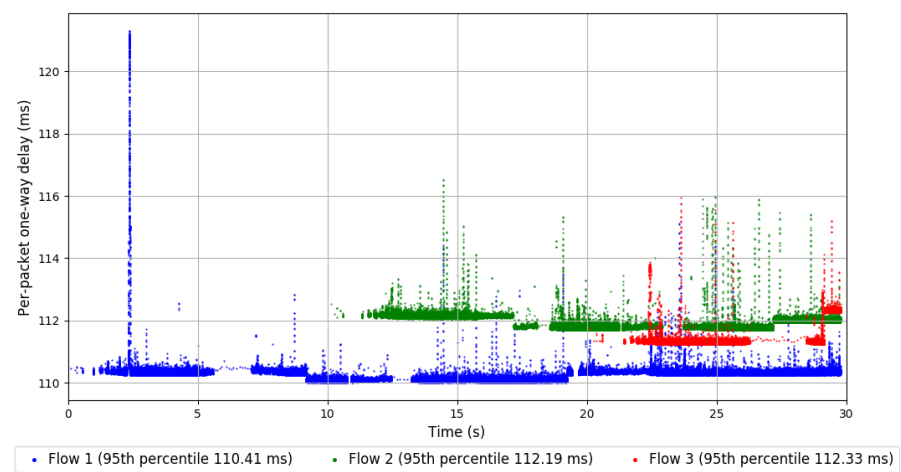
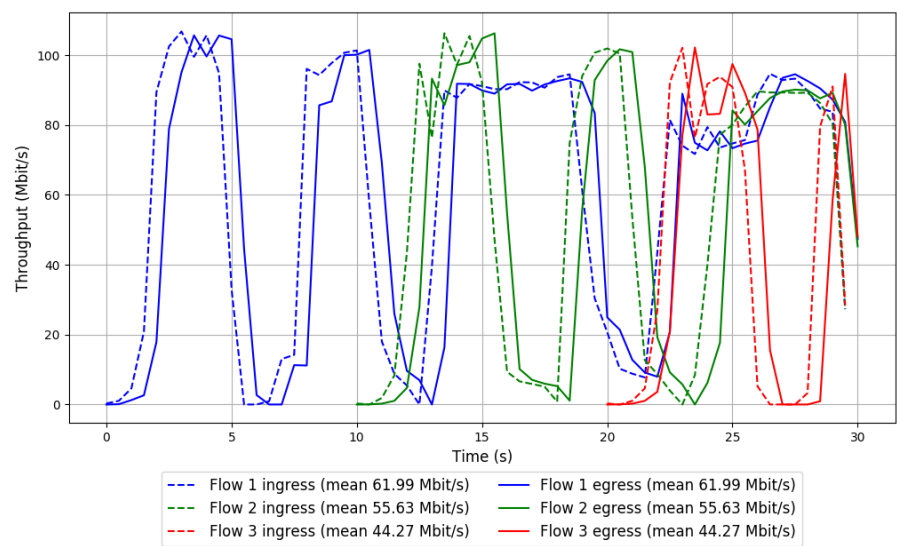


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-10 03:51:29
End at: 2018-07-10 03:51:59
Local clock offset: -1.421 ms
Remote clock offset: -0.465 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 113.23 Mbit/s
95th percentile per-packet one-way delay: 112.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 110.407 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 55.63 Mbit/s
95th percentile per-packet one-way delay: 112.188 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.27 Mbit/s
95th percentile per-packet one-way delay: 112.327 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

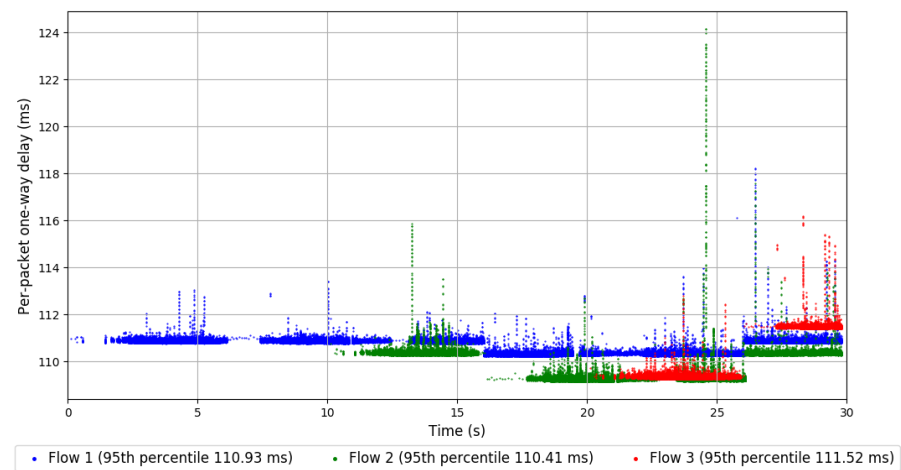
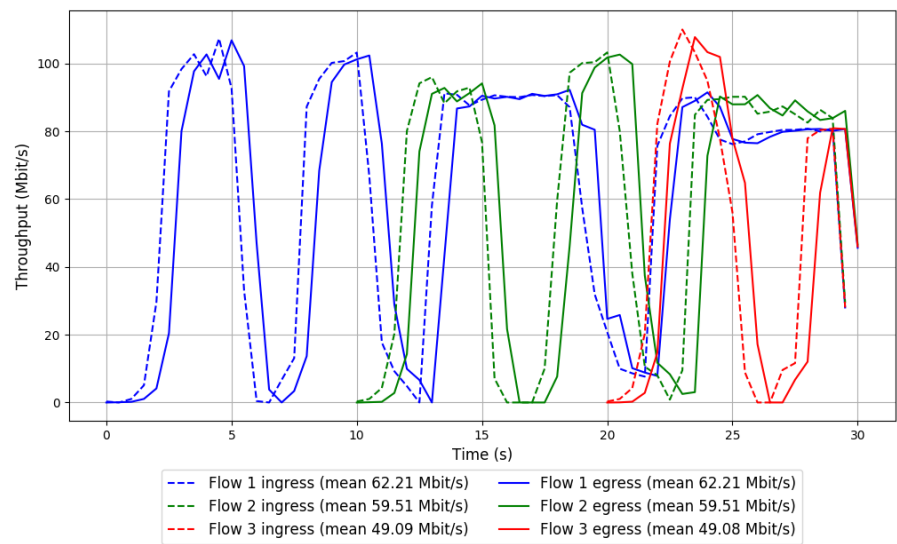


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-10 04:17:42
End at: 2018-07-10 04:18:12
Local clock offset: -0.077 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 117.62 Mbit/s
95th percentile per-packet one-way delay: 111.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.21 Mbit/s
95th percentile per-packet one-way delay: 110.927 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 110.407 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.08 Mbit/s
95th percentile per-packet one-way delay: 111.522 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

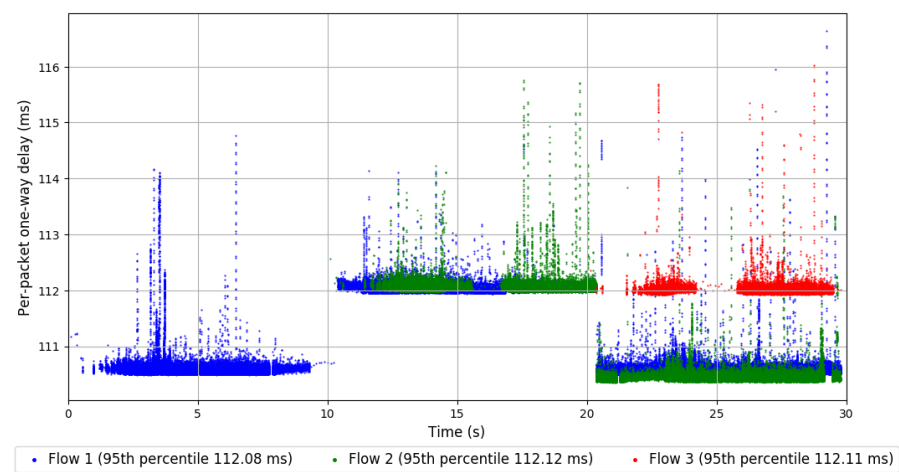
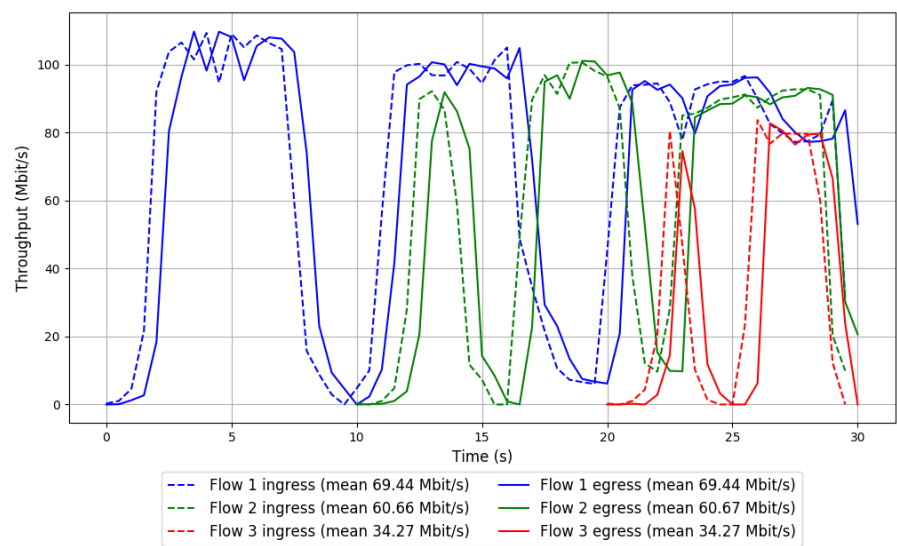


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-10 04:43:38
End at: 2018-07-10 04:44:08
Local clock offset: -1.28 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 120.79 Mbit/s
95th percentile per-packet one-way delay: 112.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.44 Mbit/s
95th percentile per-packet one-way delay: 112.075 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.67 Mbit/s
95th percentile per-packet one-way delay: 112.124 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.27 Mbit/s
95th percentile per-packet one-way delay: 112.115 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

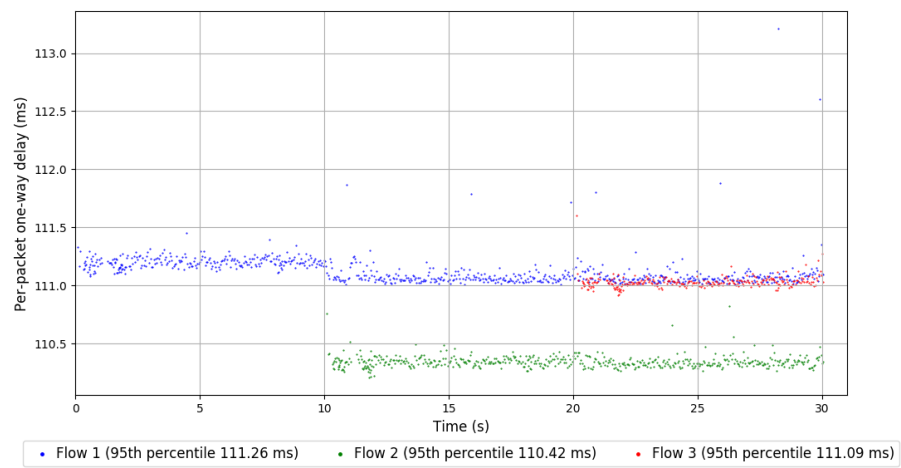
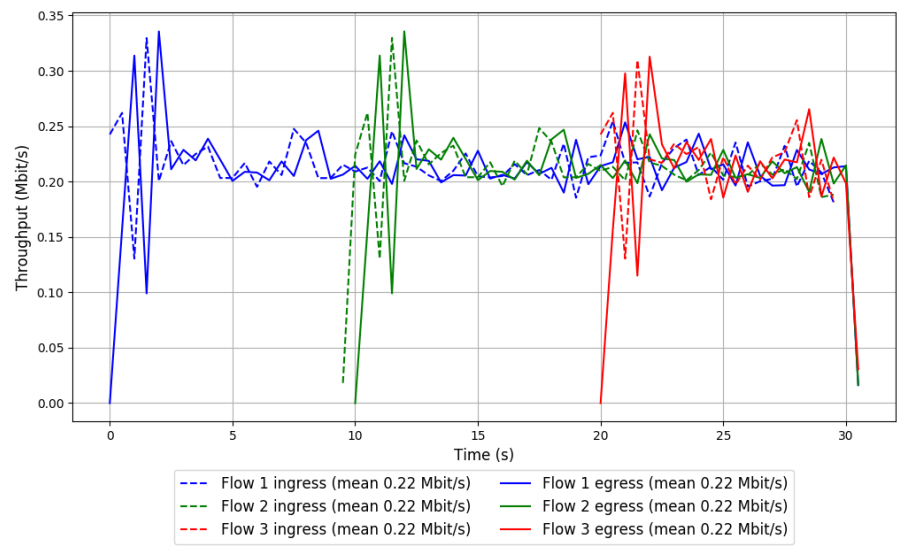


```
Run 1: Statistics of SReAM

Start at: 2018-07-10 00:56:21
End at: 2018-07-10 00:56:51
Local clock offset: -0.214 ms
Remote clock offset: -0.383 ms

# Below is generated by plot.py at 2018-07-10 06:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.258 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.422 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.094 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

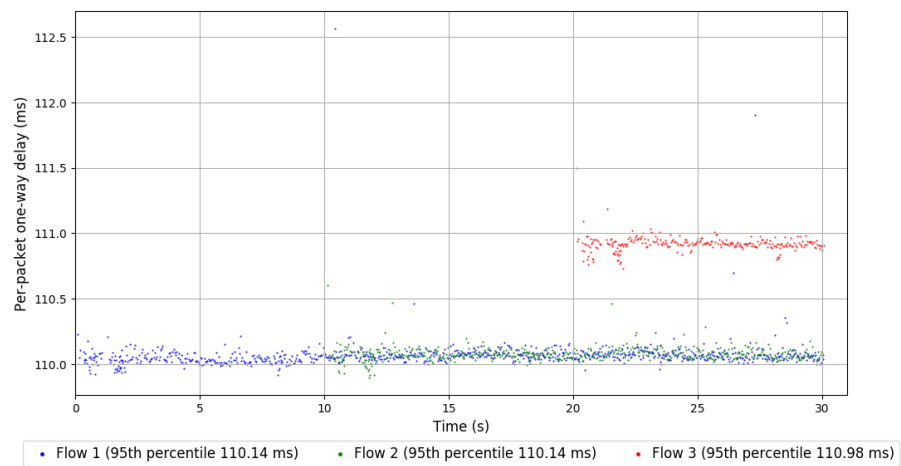
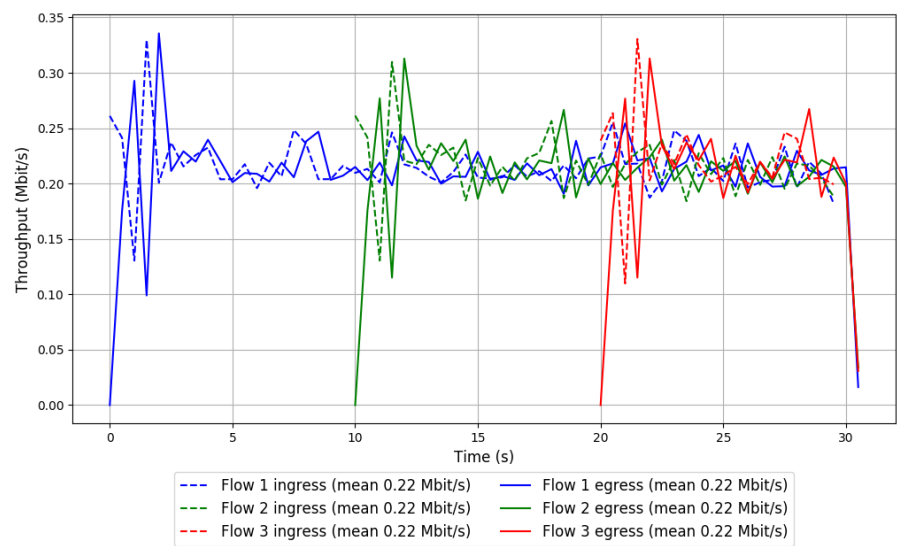


```
Run 2: Statistics of SReAM

Start at: 2018-07-10 01:22:29
End at: 2018-07-10 01:22:59
Local clock offset: -0.31 ms
Remote clock offset: -0.4 ms

# Below is generated by plot.py at 2018-07-10 06:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 110.938 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.141 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.144 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.985 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: 2018-07-10 01:48:32

End at: 2018-07-10 01:49:02

Local clock offset: -0.05 ms

Remote clock offset: 0.292 ms

Below is generated by plot.py at 2018-07-10 06:48:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 111.696 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.594 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.733 ms

Loss rate: 0.00%

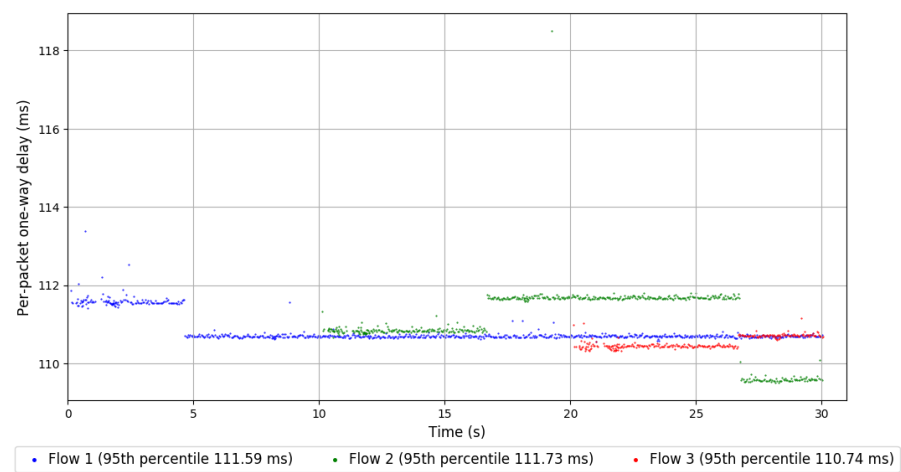
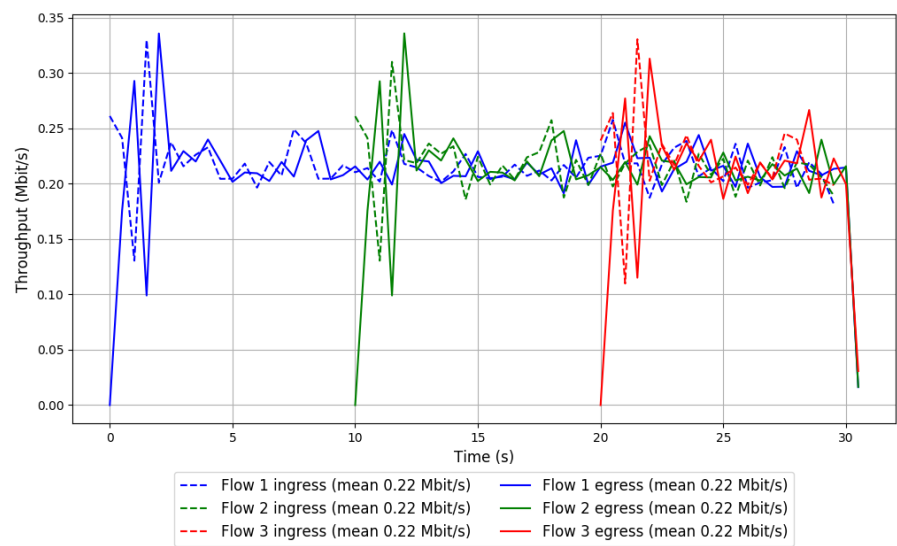
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 110.742 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

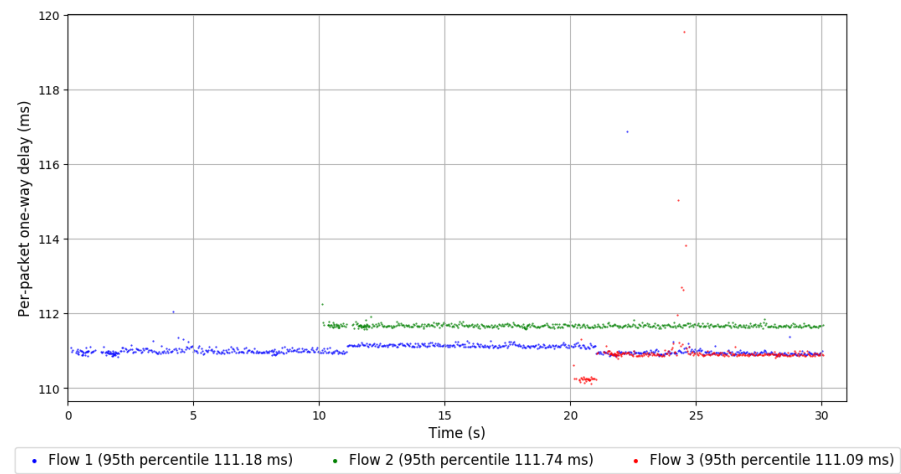
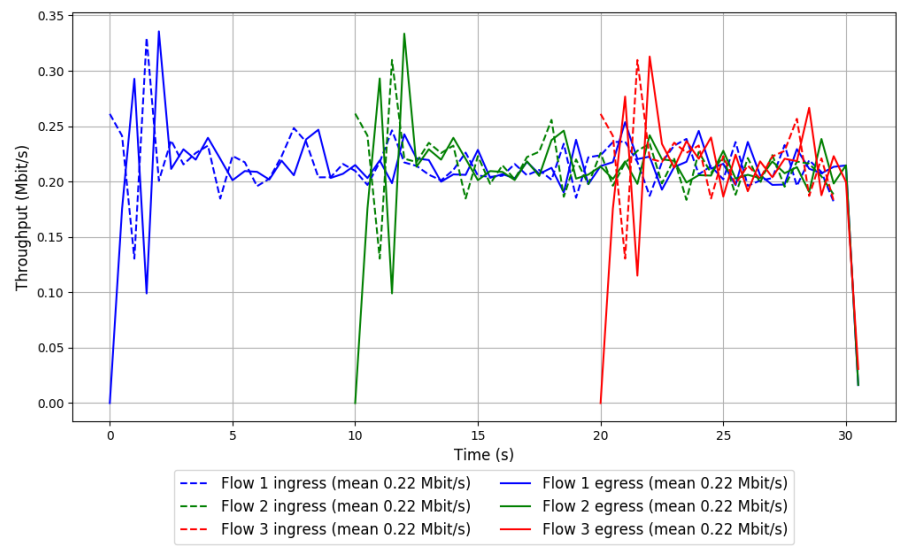


Run 4: Statistics of SReAM

Start at: 2018-07-10 02:14:17
End at: 2018-07-10 02:14:47
Local clock offset: -0.395 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 111.711 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.183 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.736 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 111.093 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SReAM

Start at: 2018-07-10 02:40:29

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

Local clock offset: 1.115 ms

Remote clock offset: -0.43 ms

Below is generated by plot.py at 2018-07-10 06:48:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 108.988 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 107.758 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 107.762 ms

Loss rate: 0.00%

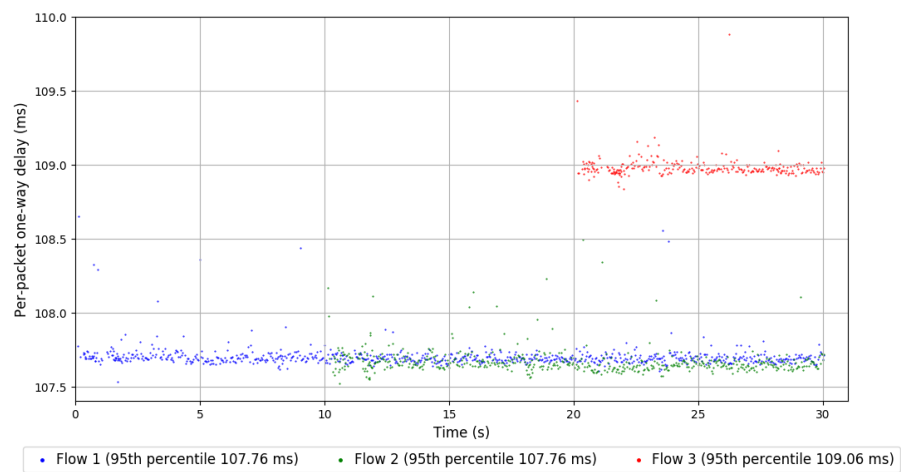
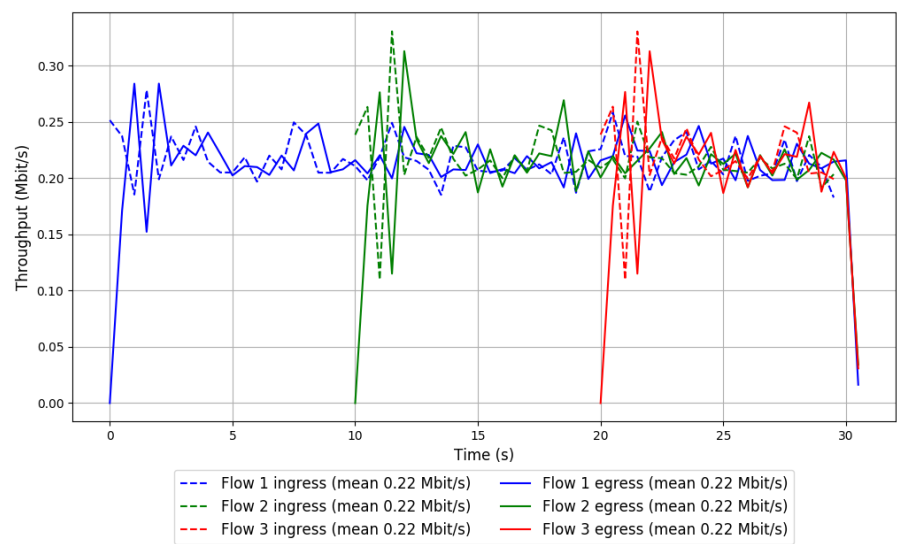
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 109.060 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

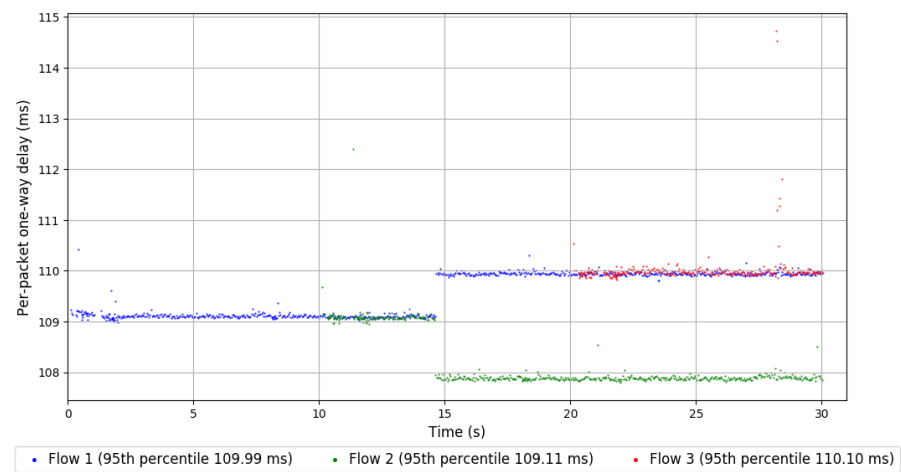
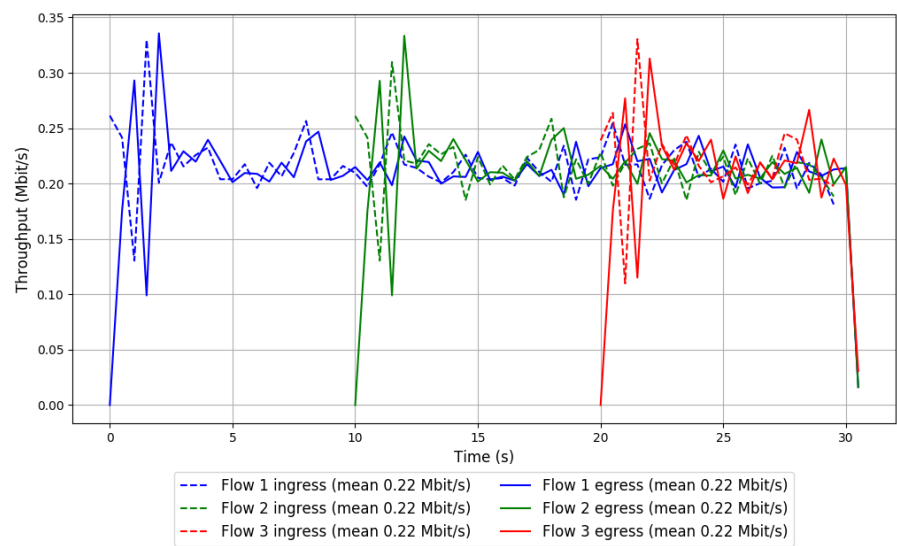


Run 6: Statistics of SReAM

Start at: 2018-07-10 03:06:24
End at: 2018-07-10 03:06:54
Local clock offset: 0.891 ms
Remote clock offset: -0.436 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 110.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.989 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 109.105 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.100 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

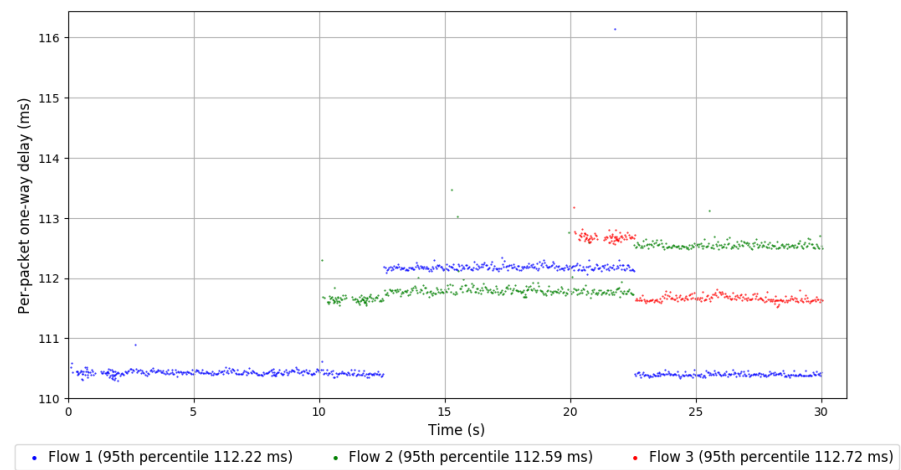
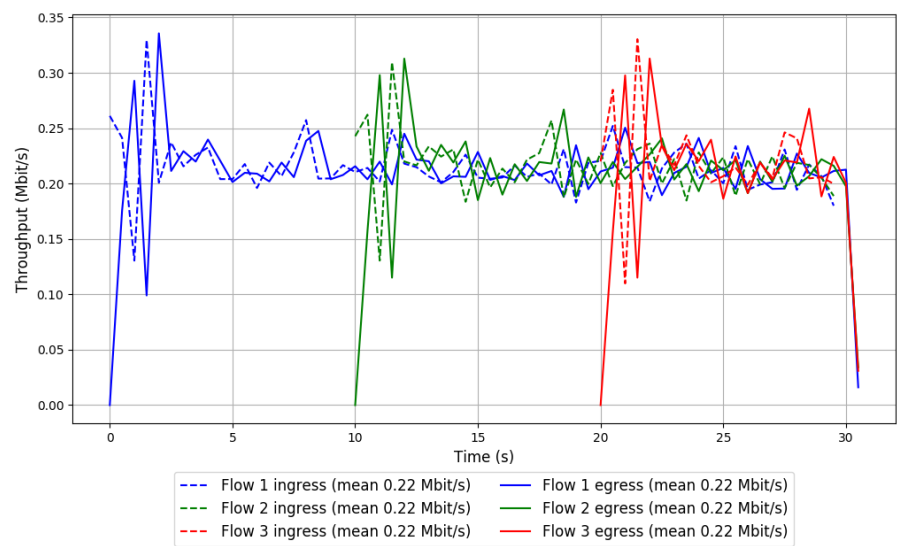


Run 7: Statistics of SReAM

Start at: 2018-07-10 03:32:06
End at: 2018-07-10 03:32:36
Local clock offset: -1.627 ms
Remote clock offset: -0.466 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.218 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.593 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.724 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: 2018-07-10 03:58:02

End at: 2018-07-10 03:58:32

Local clock offset: -0.089 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at 2018-07-10 06:48:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 112.671 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 112.696 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.210 ms

Loss rate: 0.00%

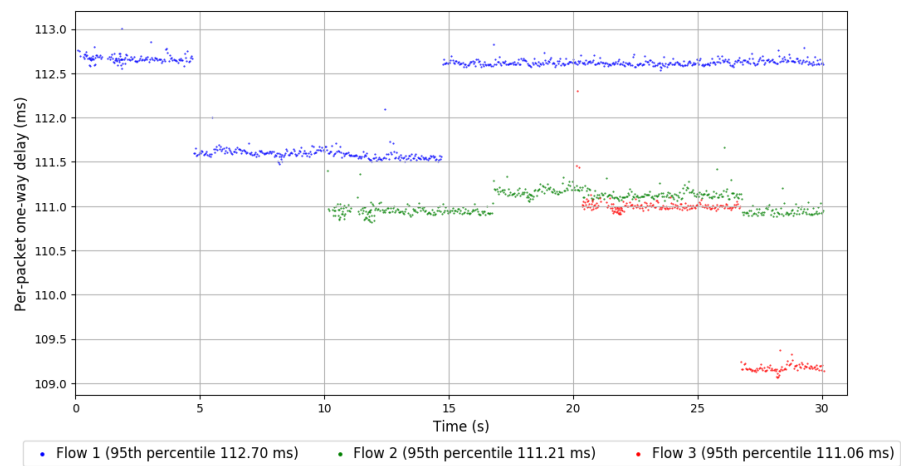
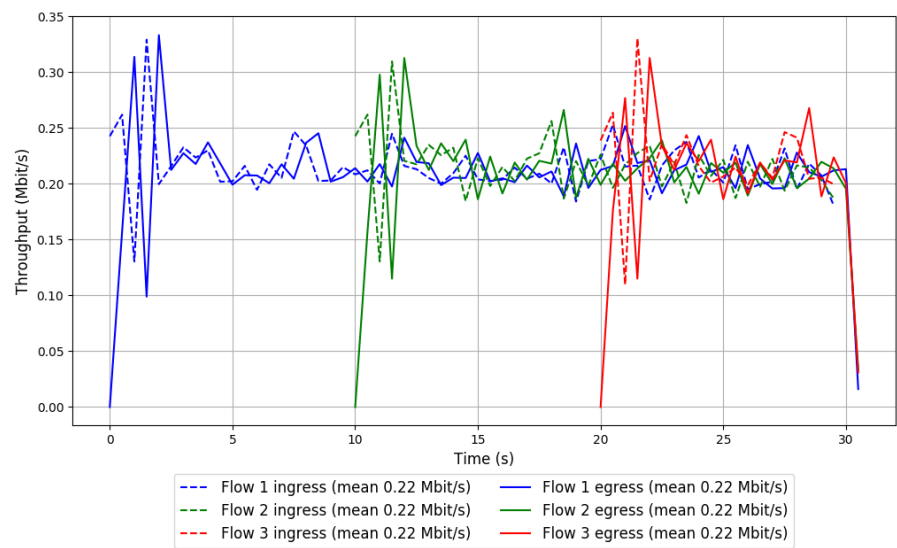
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.062 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

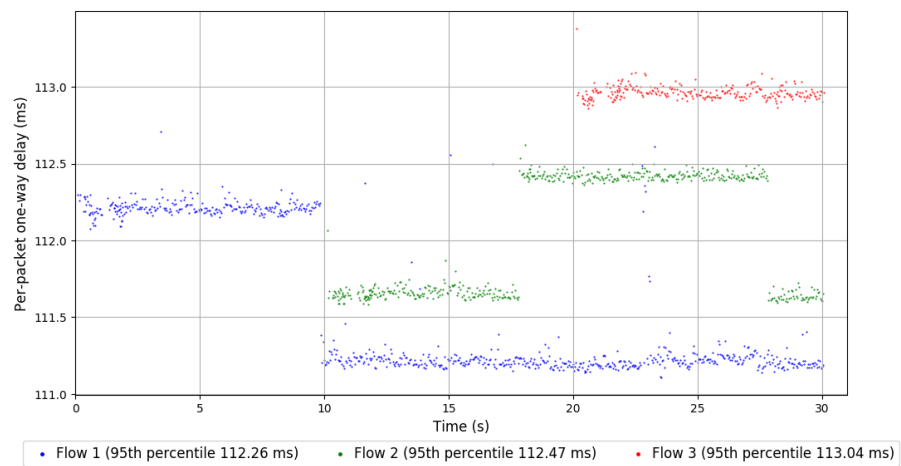
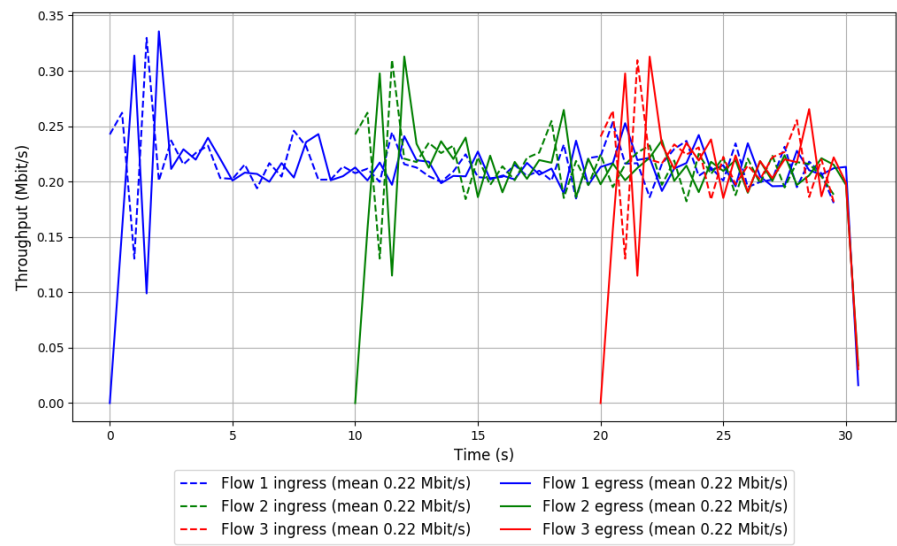


Run 9: Statistics of SReAM

Start at: 2018-07-10 04:24:19
End at: 2018-07-10 04:24:49
Local clock offset: -0.414 ms
Remote clock offset: 0.277 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 112.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.264 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 112.465 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 113.036 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

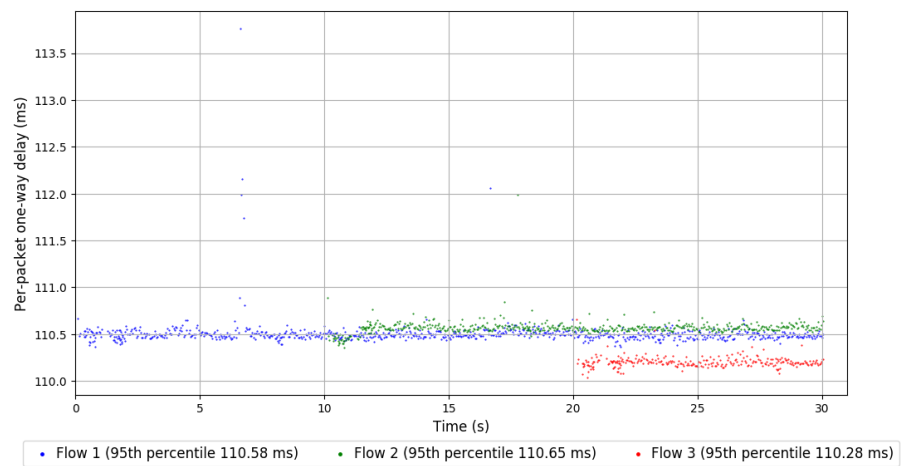
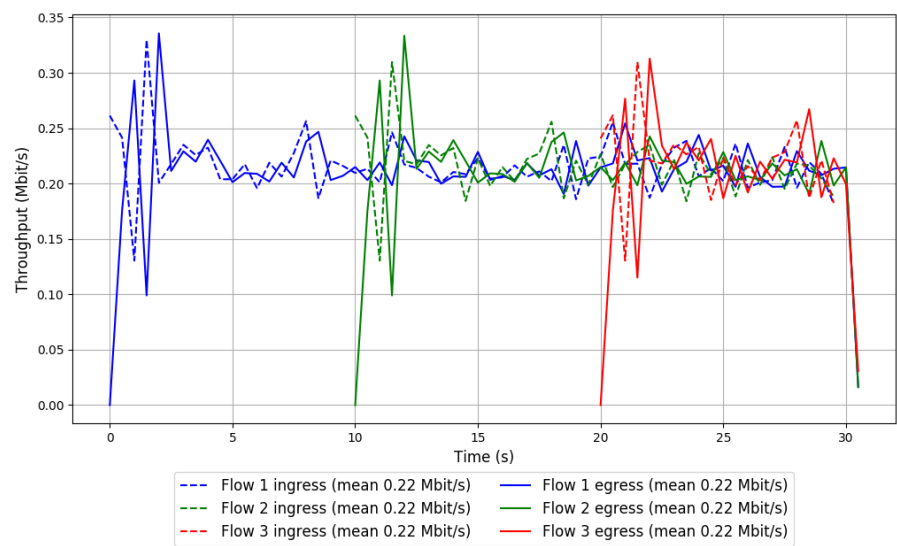


Run 10: Statistics of SReAM

Start at: 2018-07-10 04:50:15
End at: 2018-07-10 04:50:45
Local clock offset: -0.069 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 110.612 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.577 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.646 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 110.281 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

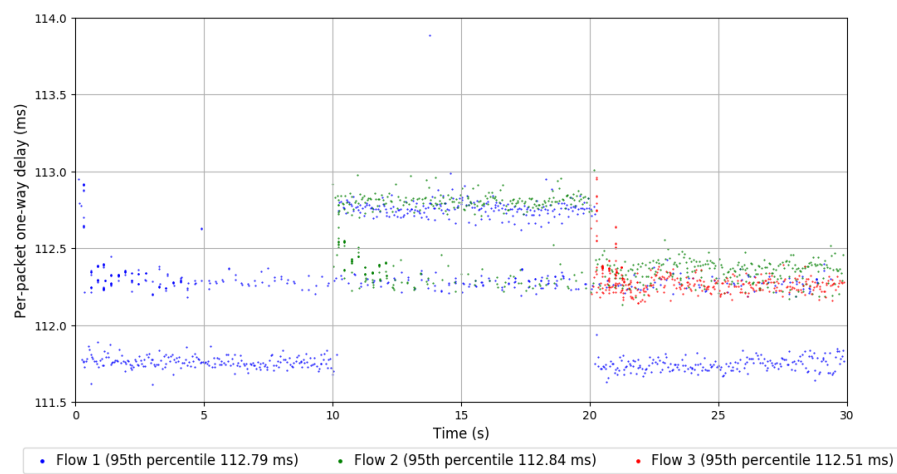
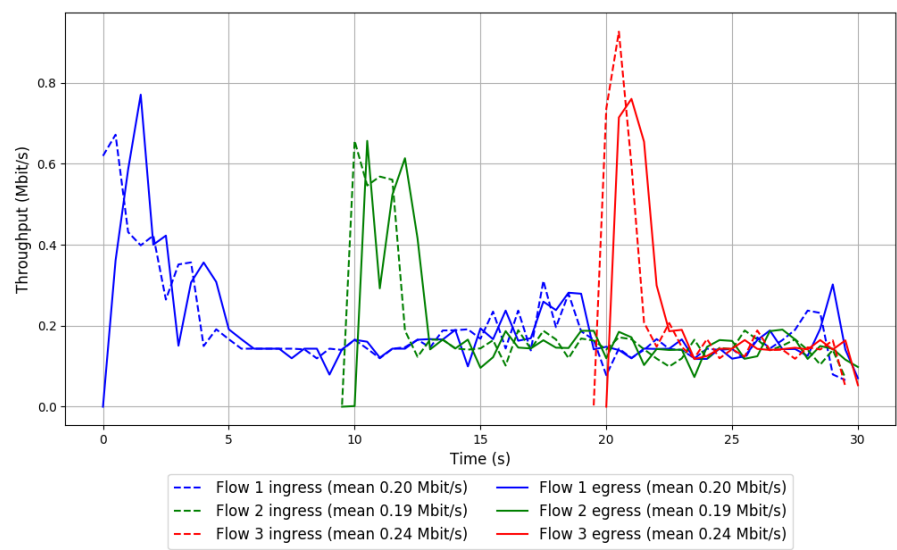


Run 1: Statistics of Sprout

Start at: 2018-07-10 00:42:18
End at: 2018-07-10 00:42:48
Local clock offset: -1.398 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 112.826 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 112.794 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 112.844 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 112.509 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

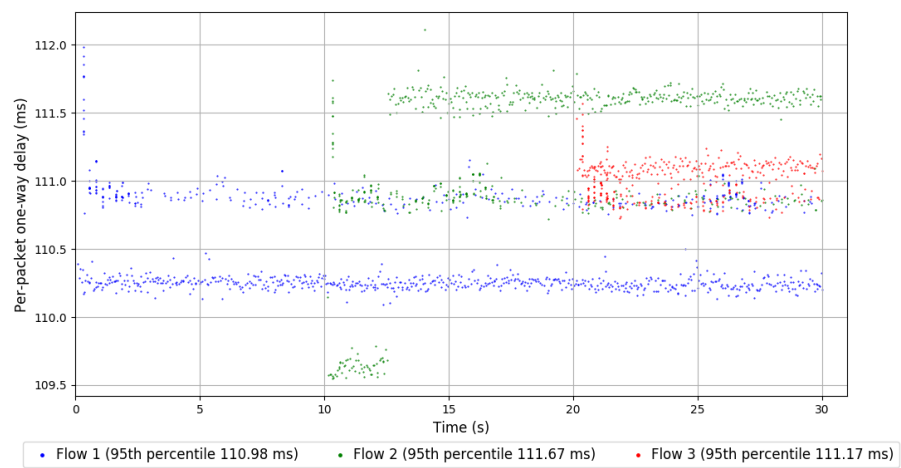
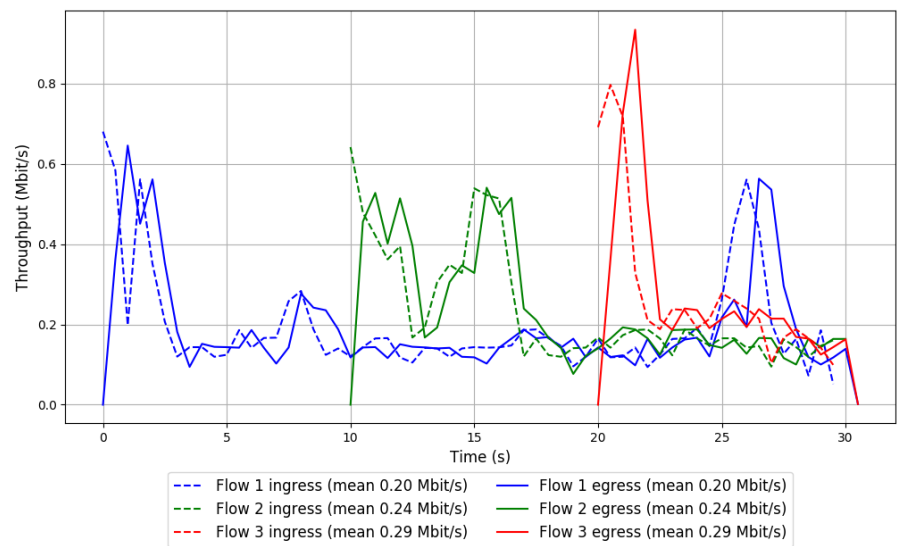


Run 2: Statistics of Sprout

Start at: 2018-07-10 01:08:16
End at: 2018-07-10 01:08:46
Local clock offset: -0.266 ms
Remote clock offset: -0.105 ms

```
# Below is generated by plot.py at 2018-07-10 06:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 111.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 110.981 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 111.670 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 111.174 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

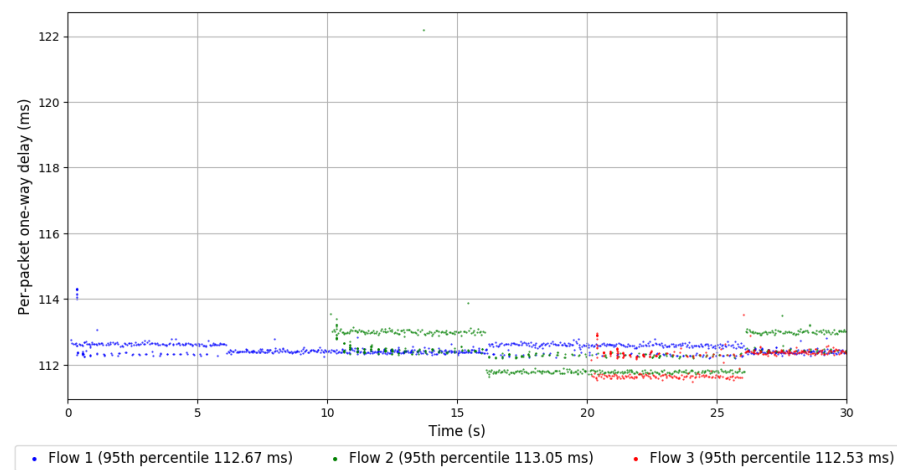
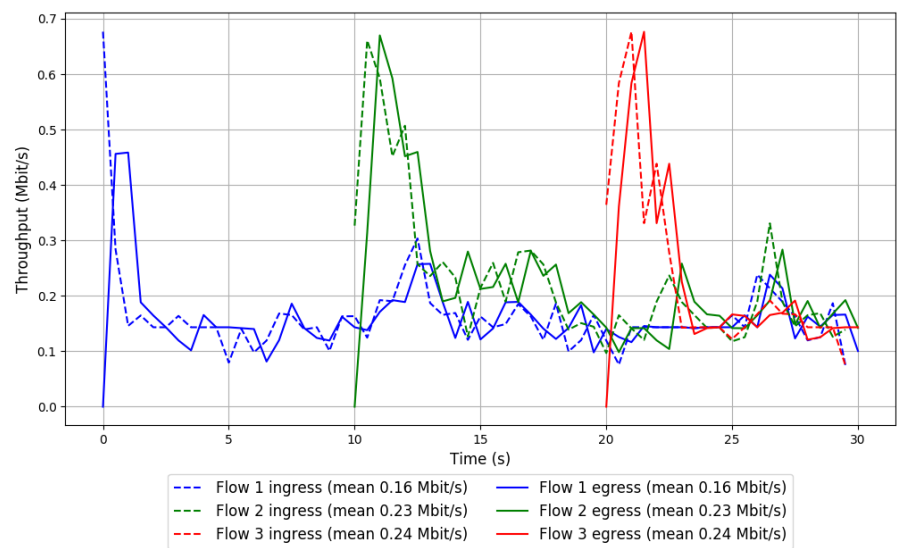


Run 3: Statistics of Sprout

Start at: 2018-07-10 01:34:12
End at: 2018-07-10 01:34:42
Local clock offset: -1.47 ms
Remote clock offset: -0.013 ms

```
# Below is generated by plot.py at 2018-07-10 06:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 113.013 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 112.673 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 113.053 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 112.526 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

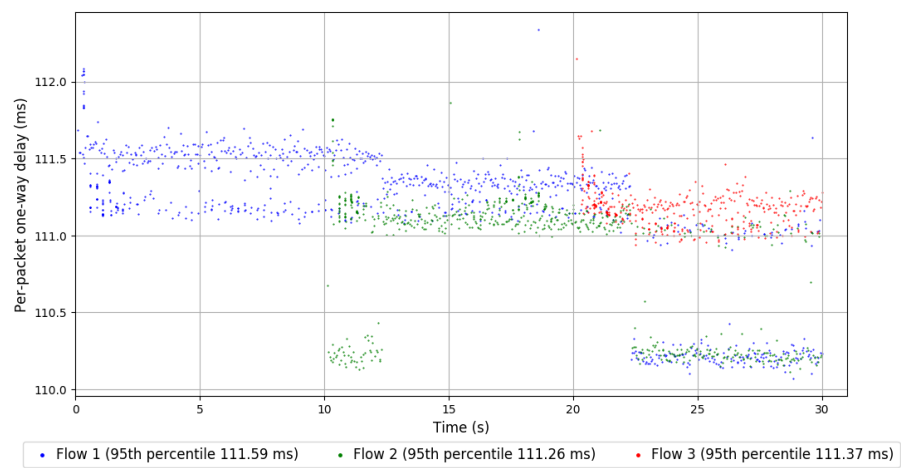
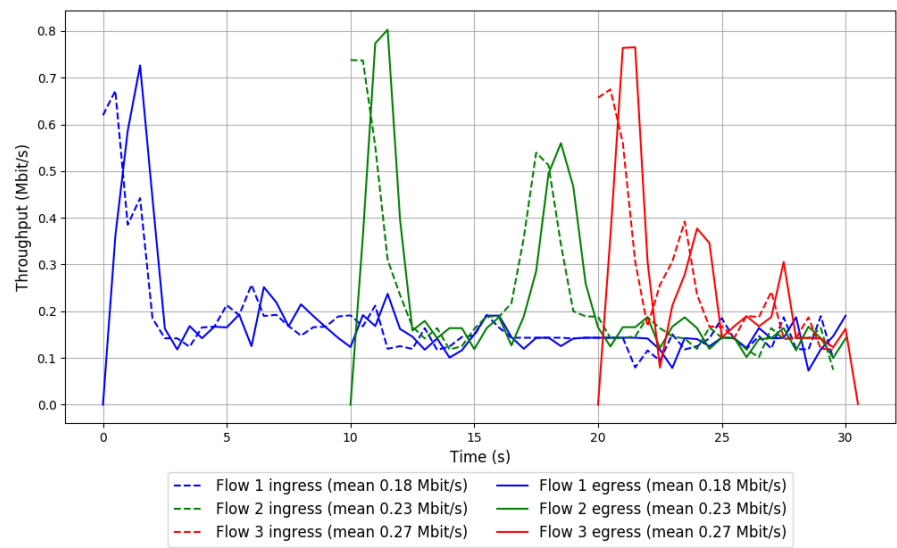


Run 4: Statistics of Sprout

Start at: 2018-07-10 02:00:16
End at: 2018-07-10 02:00:46
Local clock offset: -0.29 ms
Remote clock offset: -0.106 ms

```
# Below is generated by plot.py at 2018-07-10 06:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 111.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 111.593 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 111.260 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 111.373 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-07-10 02:26:19

End at: 2018-07-10 02:26:49

Local clock offset: -1.54 ms

Remote clock offset: -0.43 ms

Below is generated by plot.py at 2018-07-10 06:48:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 112.645 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 111.195 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 112.669 ms

Loss rate: 0.00%

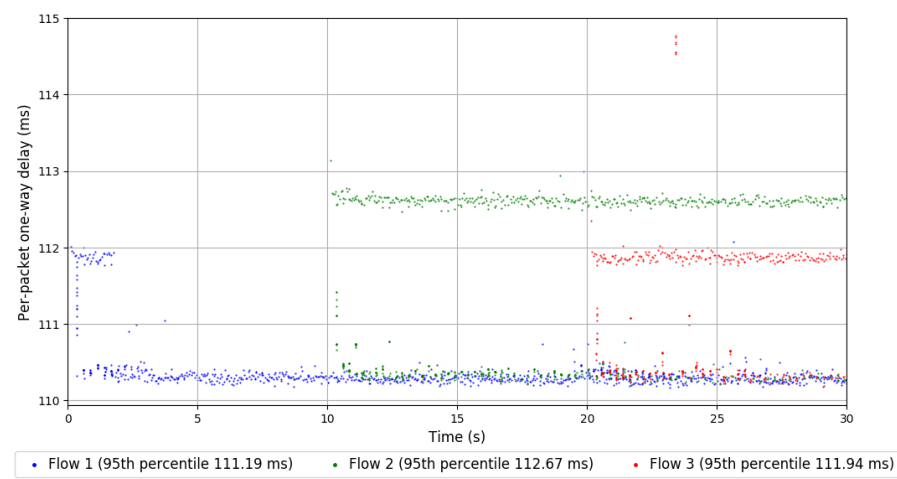
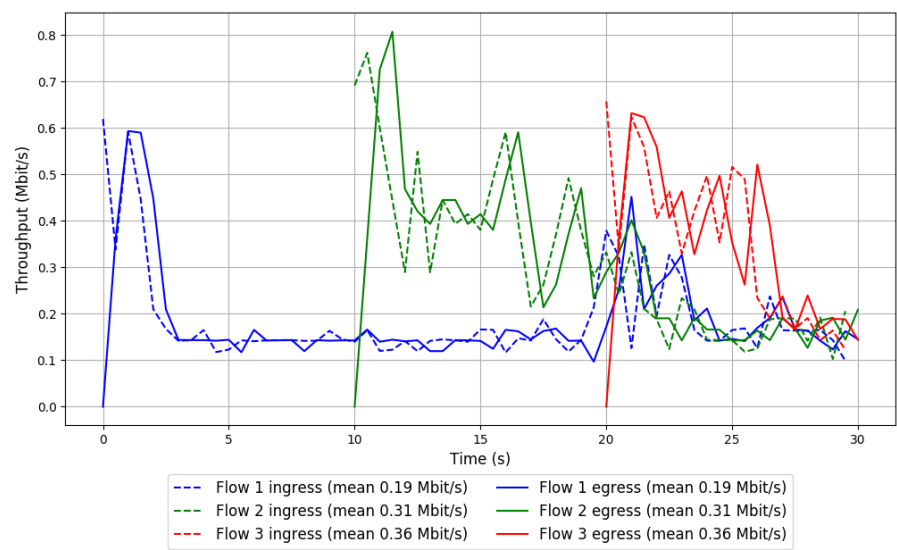
-- Flow 3:

Average throughput: 0.36 Mbit/s

95th percentile per-packet one-way delay: 111.943 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

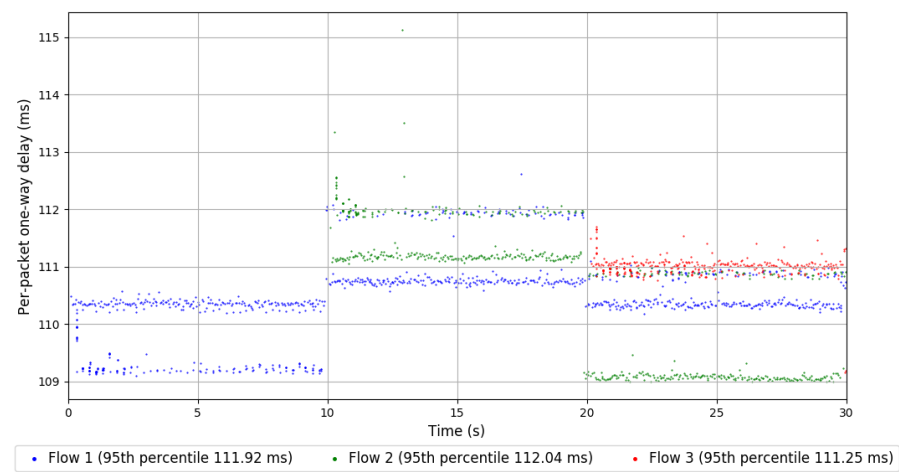
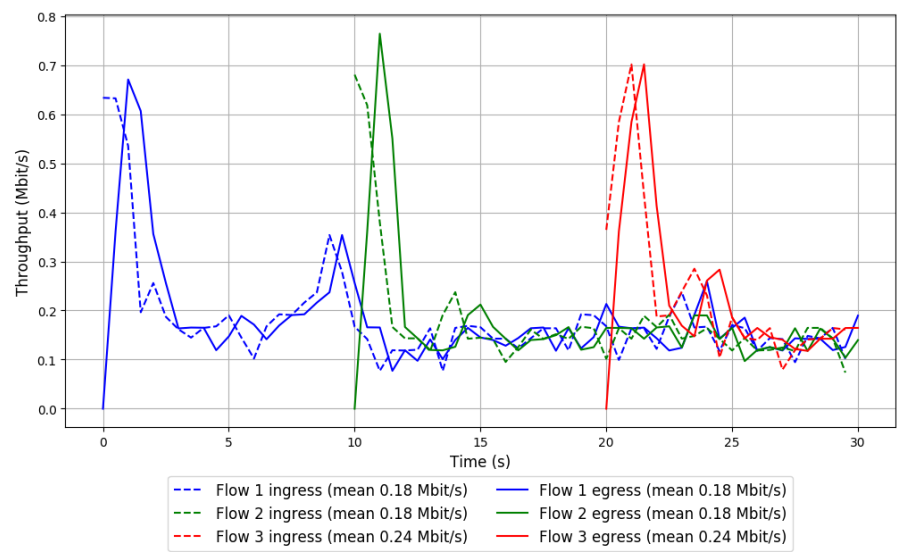


Run 6: Statistics of Sprout

Start at: 2018-07-10 02:52:18
End at: 2018-07-10 02:52:48
Local clock offset: -0.351 ms
Remote clock offset: -0.42 ms

```
# Below is generated by plot.py at 2018-07-10 06:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 111.963 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 111.922 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 112.043 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 111.248 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

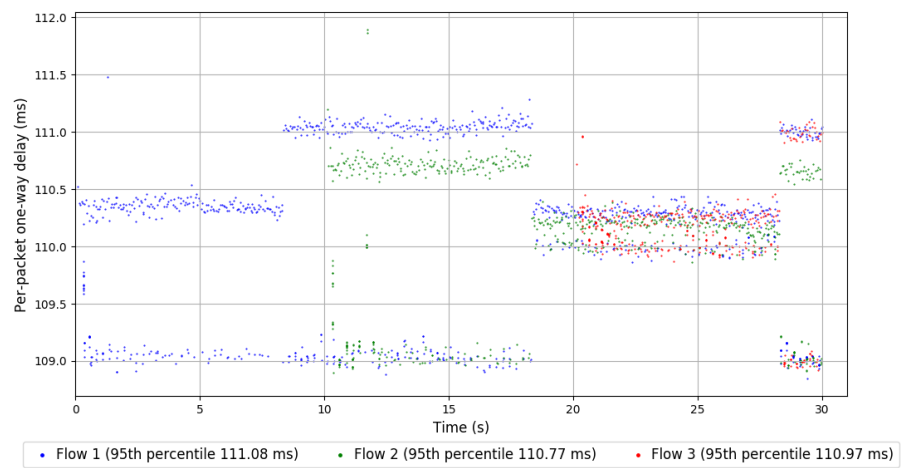
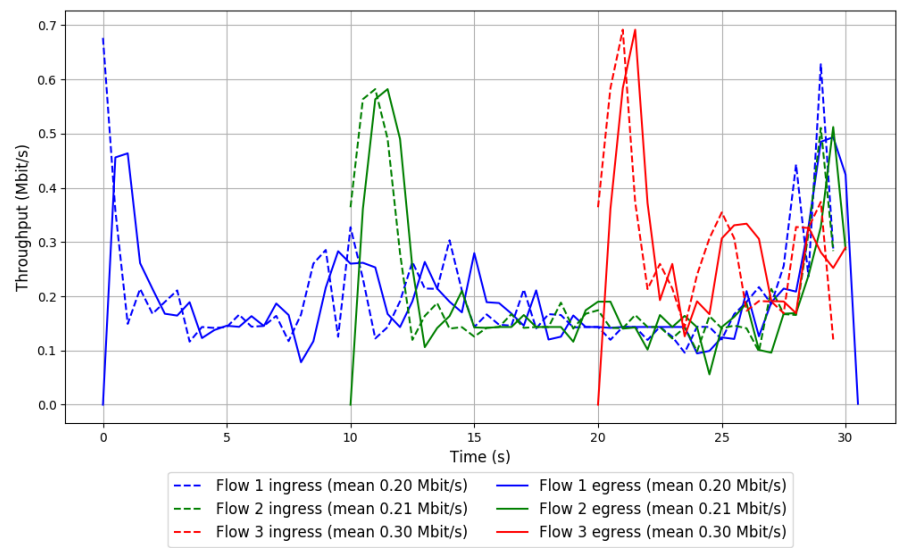


Run 7: Statistics of Sprout

Start at: 2018-07-10 03:17:50
End at: 2018-07-10 03:18:20
Local clock offset: -0.219 ms
Remote clock offset: -0.483 ms

```
# Below is generated by plot.py at 2018-07-10 06:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 111.048 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 111.079 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 110.765 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 110.975 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link

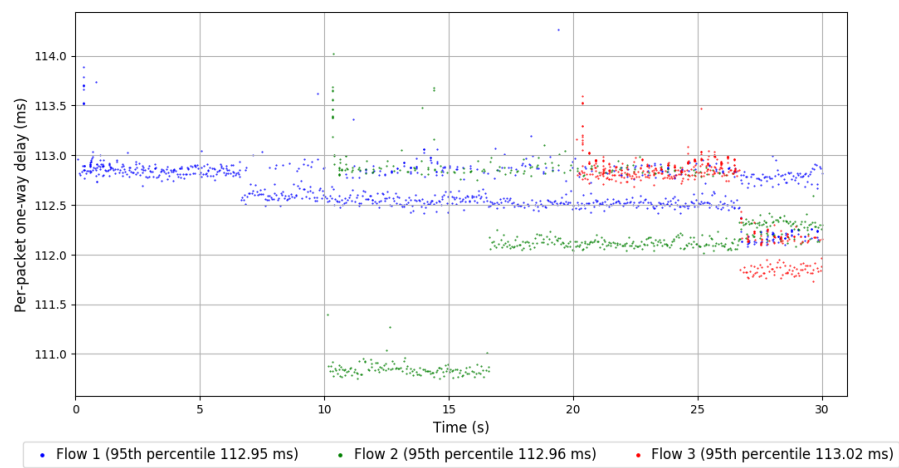
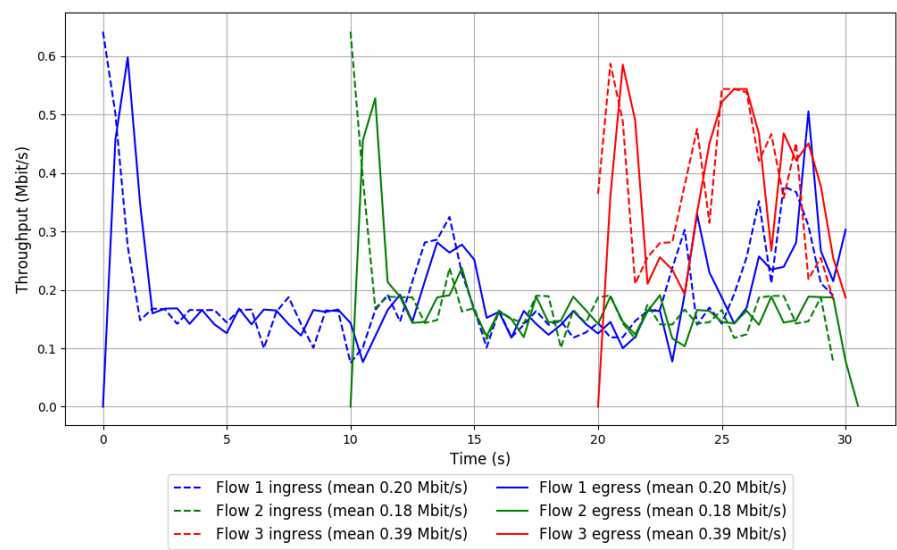


Run 8: Statistics of Sprout

Start at: 2018-07-10 03:43:52
End at: 2018-07-10 03:44:22
Local clock offset: -1.434 ms
Remote clock offset: -0.062 ms

```
# Below is generated by plot.py at 2018-07-10 06:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 112.981 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 112.950 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 112.957 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 113.017 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

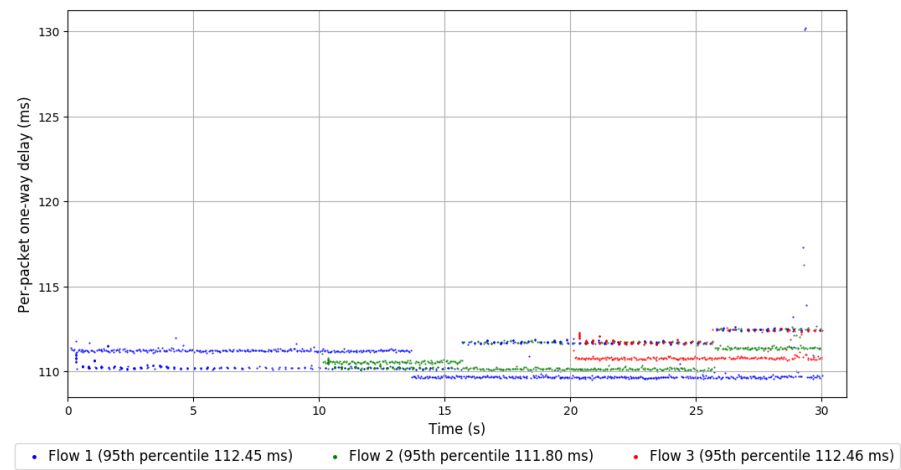
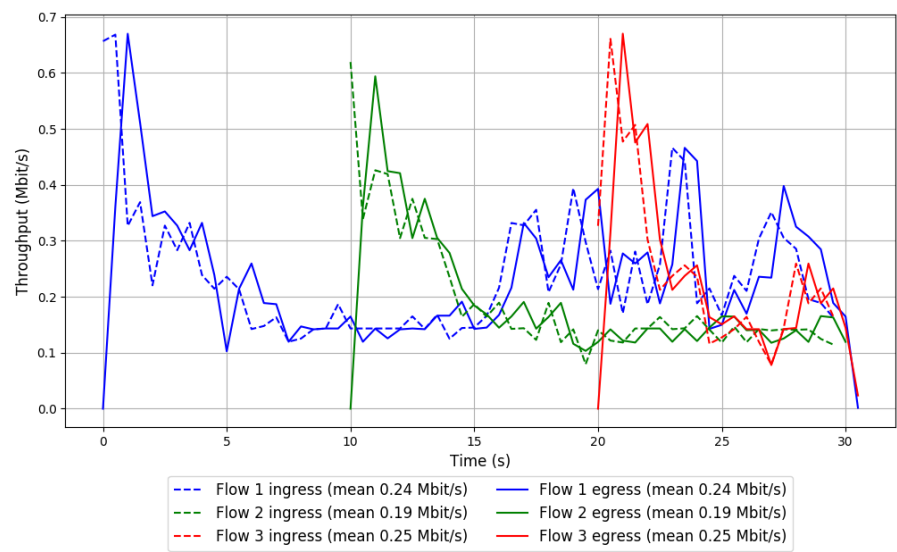


Run 9: Statistics of Sprout

Start at: 2018-07-10 04:10:03
End at: 2018-07-10 04:10:33
Local clock offset: -0.224 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 112.445 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 112.450 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 111.803 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 112.464 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

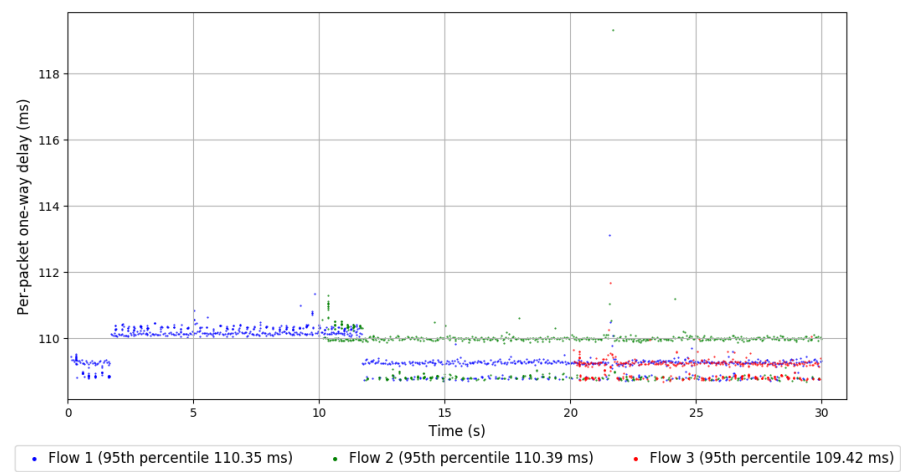
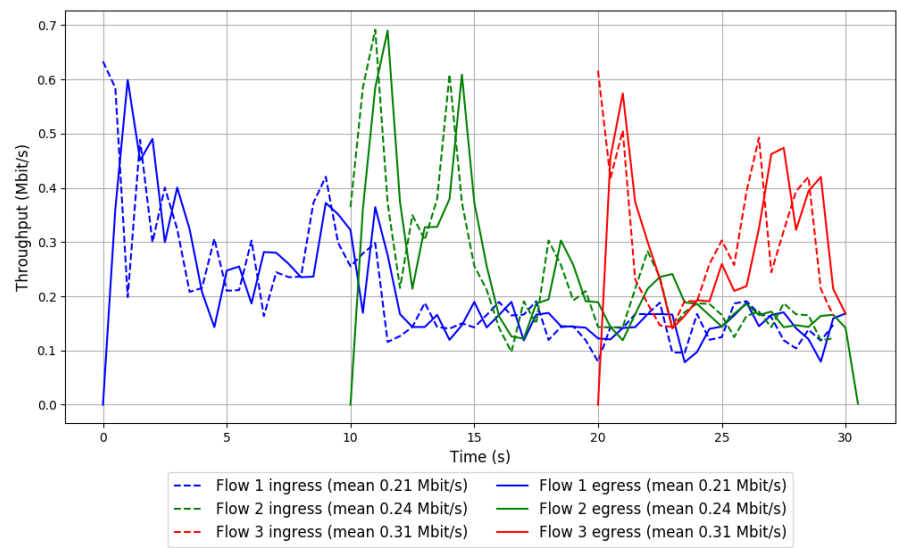


Run 10: Statistics of Sprout

Start at: 2018-07-10 04:35:57
End at: 2018-07-10 04:36:27
Local clock offset: 1.126 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-07-10 06:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 110.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 110.354 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 110.395 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 109.420 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

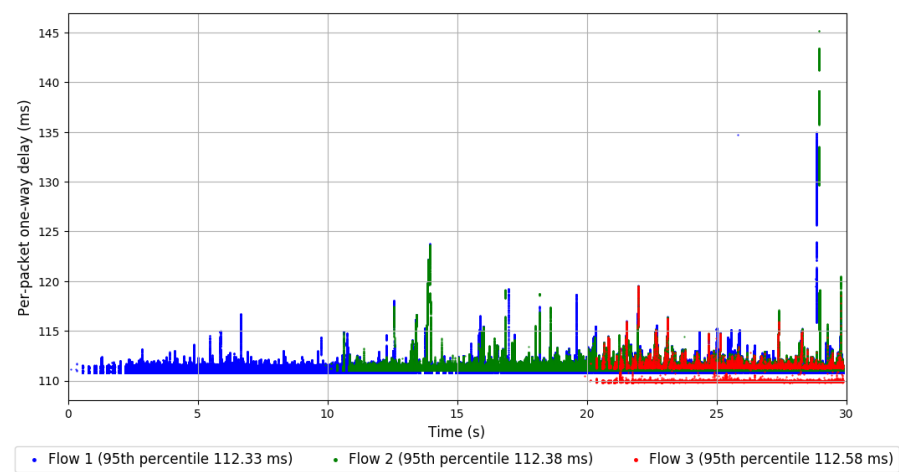
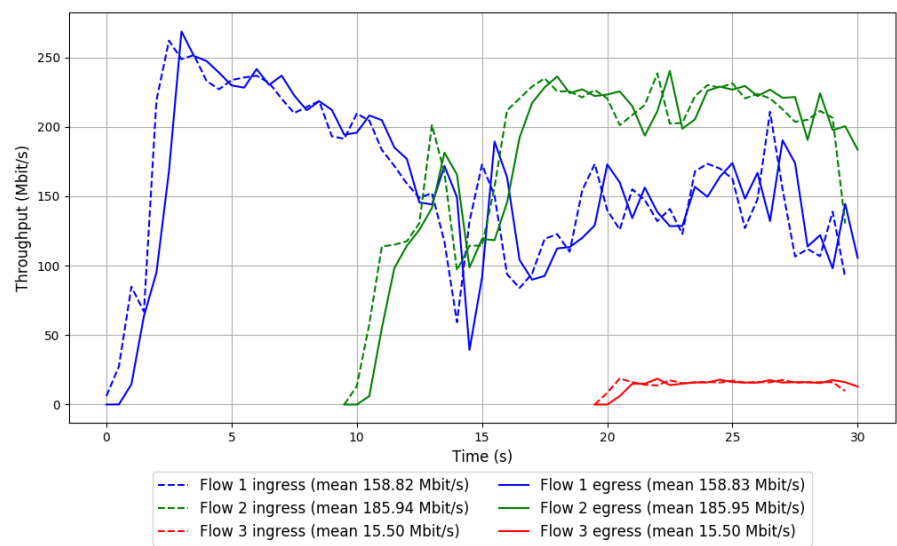


Run 1: Statistics of TaoVA-100x

Start at: 2018-07-10 00:40:35
End at: 2018-07-10 00:41:05
Local clock offset: -0.097 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2018-07-10 06:51:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 288.75 Mbit/s
95th percentile per-packet one-way delay: 112.354 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 158.83 Mbit/s
95th percentile per-packet one-way delay: 112.329 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 185.95 Mbit/s
95th percentile per-packet one-way delay: 112.376 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 112.579 ms
Loss rate: 0.00%

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

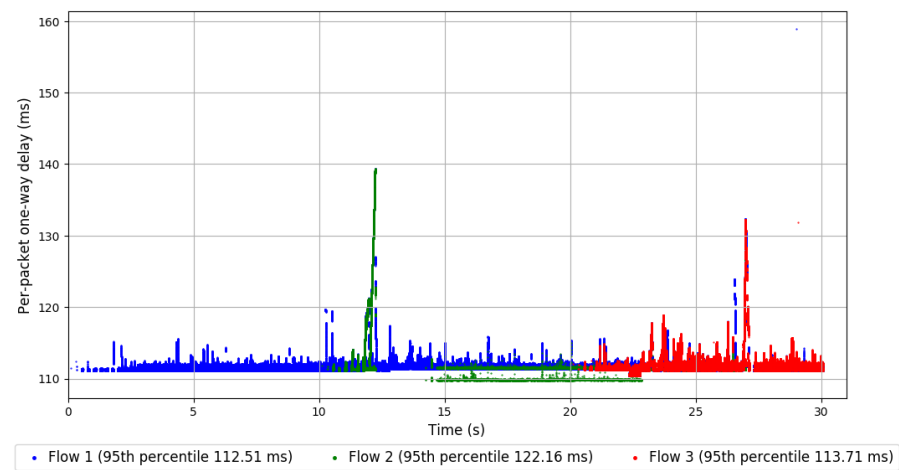
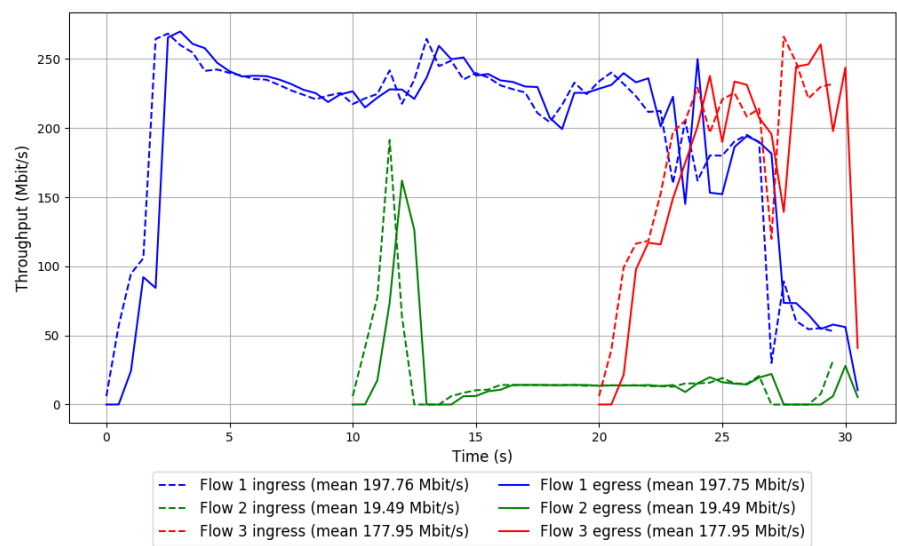


```
Run 2: Statistics of TaoVA-100x

Start at: 2018-07-10 01:06:36
End at: 2018-07-10 01:07:06
Local clock offset: -0.171 ms
Remote clock offset: 0.297 ms

# Below is generated by plot.py at 2018-07-10 06:51:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 269.89 Mbit/s
95th percentile per-packet one-way delay: 113.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 197.75 Mbit/s
95th percentile per-packet one-way delay: 112.512 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.49 Mbit/s
95th percentile per-packet one-way delay: 122.164 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 177.95 Mbit/s
95th percentile per-packet one-way delay: 113.707 ms
Loss rate: 0.00%
```

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-07-10 01:32:31

End at: 2018-07-10 01:33:01

Local clock offset: -0.266 ms

Remote clock offset: -0.41 ms

Below is generated by plot.py at 2018-07-10 06:51:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 274.88 Mbit/s

95th percentile per-packet one-way delay: 112.543 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 166.04 Mbit/s

95th percentile per-packet one-way delay: 111.868 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 121.18 Mbit/s

95th percentile per-packet one-way delay: 113.087 ms

Loss rate: 0.00%

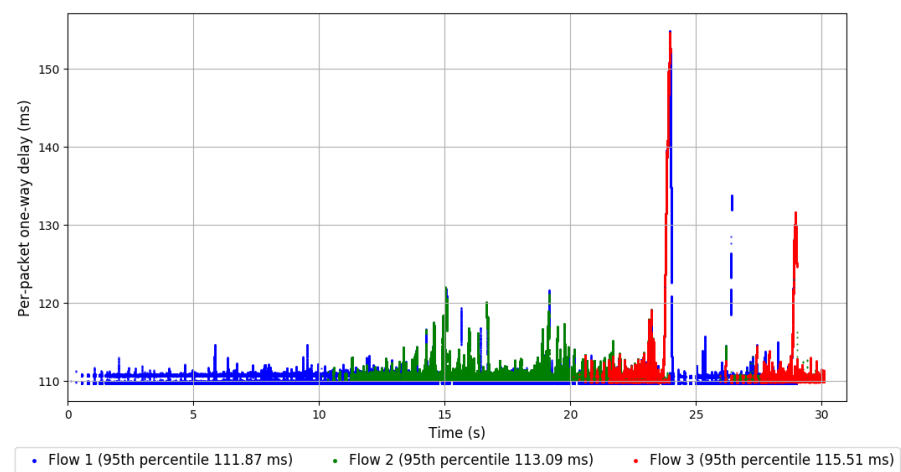
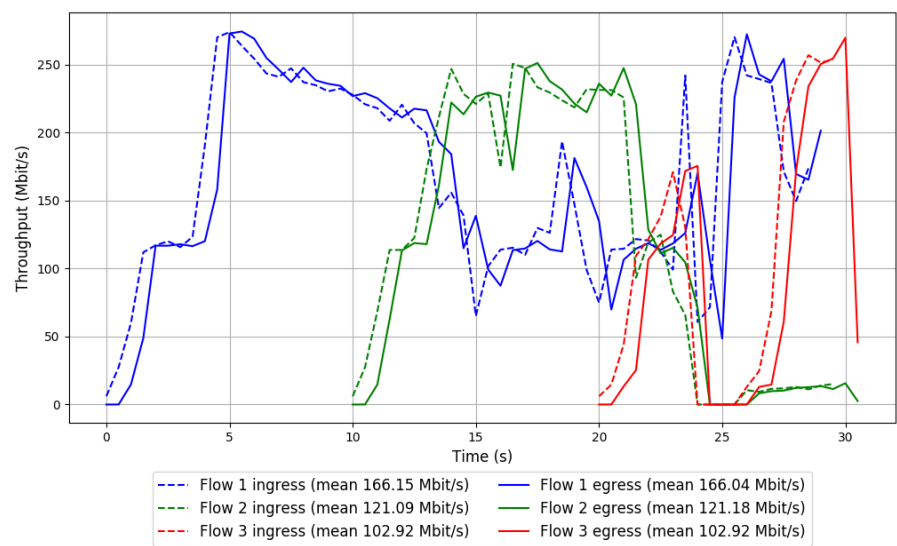
-- Flow 3:

Average throughput: 102.92 Mbit/s

95th percentile per-packet one-way delay: 115.506 ms

Loss rate: 0.00%

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

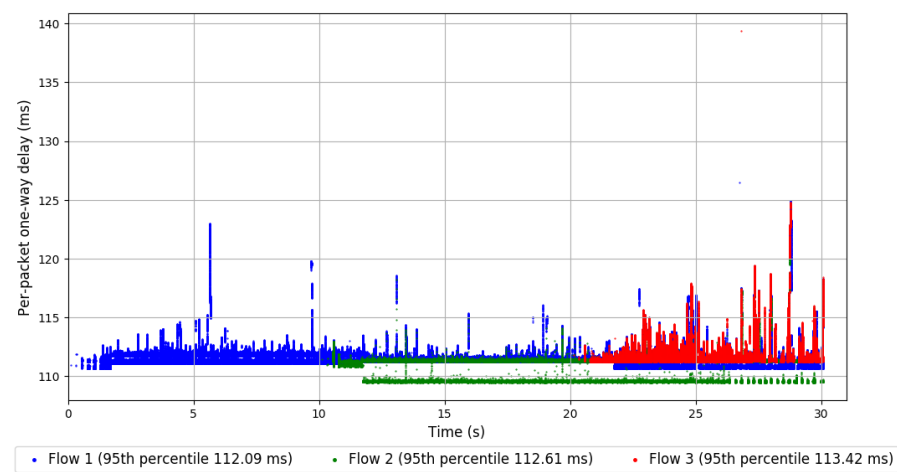
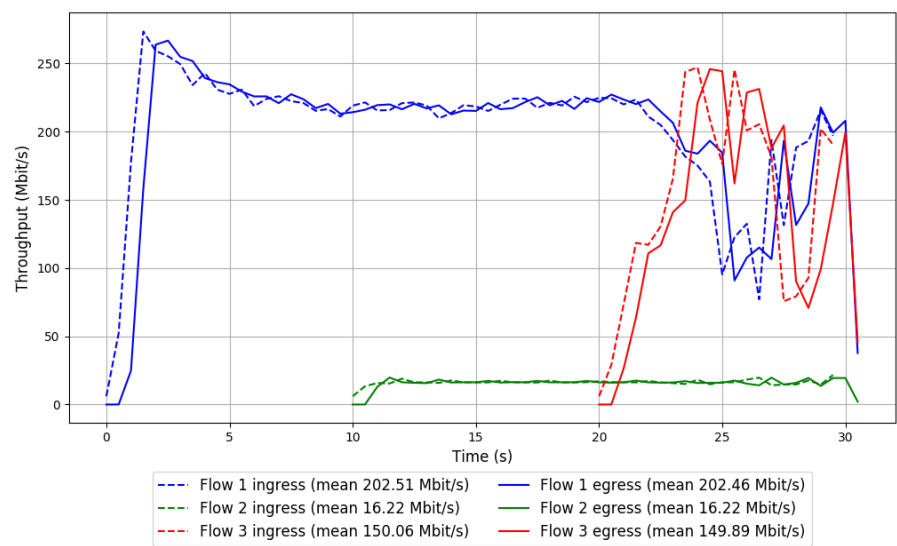


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-10 01:58:37
End at: 2018-07-10 01:59:07
Local clock offset: -0.543 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2018-07-10 06:51:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 263.05 Mbit/s
95th percentile per-packet one-way delay: 112.335 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 202.46 Mbit/s
95th percentile per-packet one-way delay: 112.086 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 16.22 Mbit/s
95th percentile per-packet one-way delay: 112.607 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 149.89 Mbit/s
95th percentile per-packet one-way delay: 113.419 ms
Loss rate: 0.11%

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

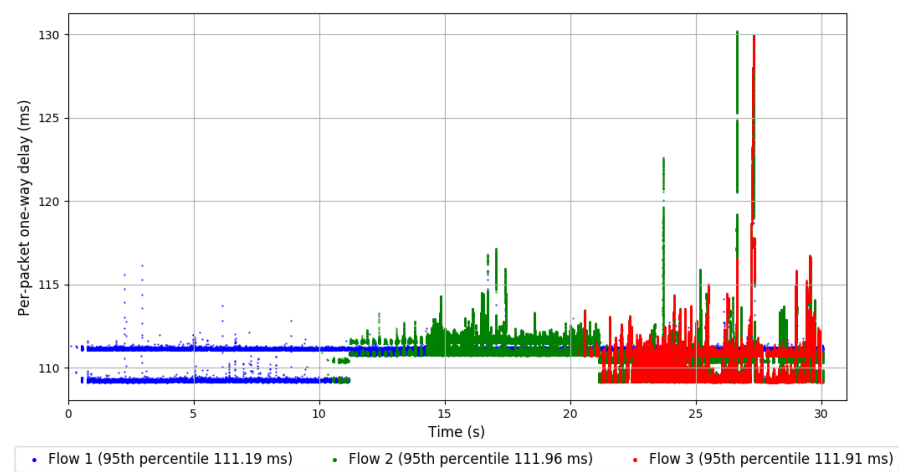
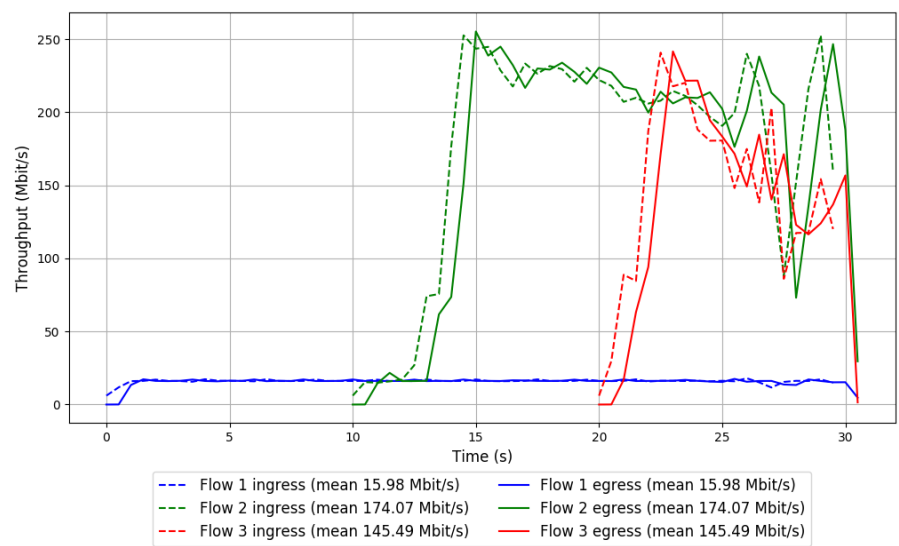


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-10 02:24:47
End at: 2018-07-10 02:25:17
Local clock offset: -0.175 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-07-10 06:51:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 180.02 Mbit/s
95th percentile per-packet one-way delay: 111.872 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 111.191 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 174.07 Mbit/s
95th percentile per-packet one-way delay: 111.956 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 145.49 Mbit/s
95th percentile per-packet one-way delay: 111.908 ms
Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-07-10 02:50:40

End at: 2018-07-10 02:51:10

Local clock offset: -0.364 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2018-07-10 06:52:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 251.39 Mbit/s

95th percentile per-packet one-way delay: 112.497 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 213.09 Mbit/s

95th percentile per-packet one-way delay: 112.431 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 13.84 Mbit/s

95th percentile per-packet one-way delay: 112.433 ms

Loss rate: 0.00%

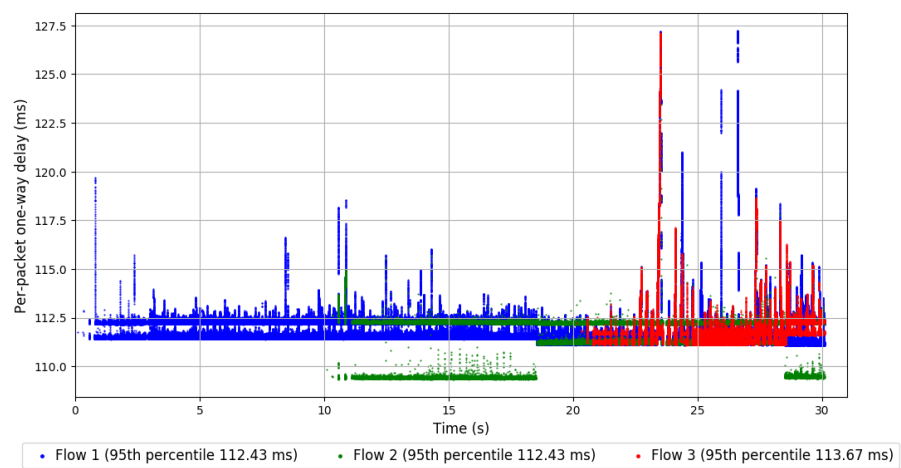
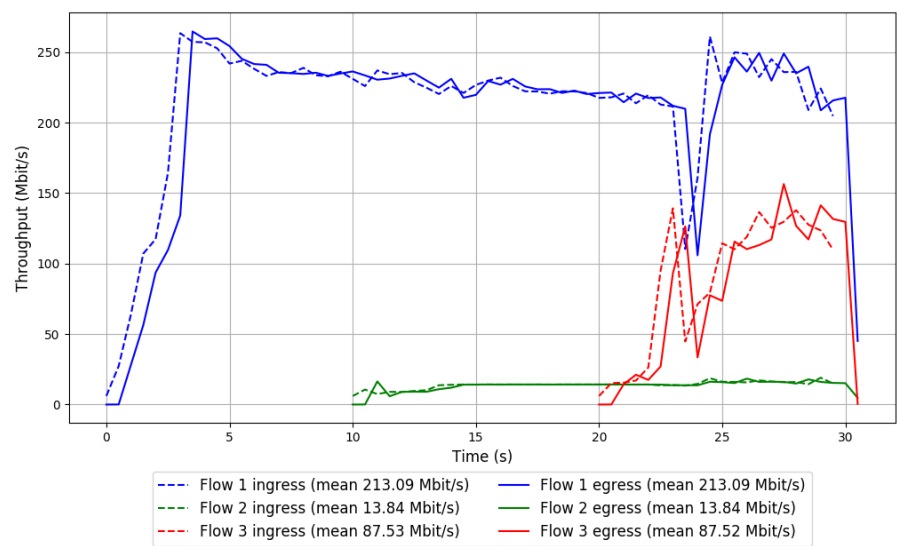
-- Flow 3:

Average throughput: 87.52 Mbit/s

95th percentile per-packet one-way delay: 113.667 ms

Loss rate: 0.00%

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

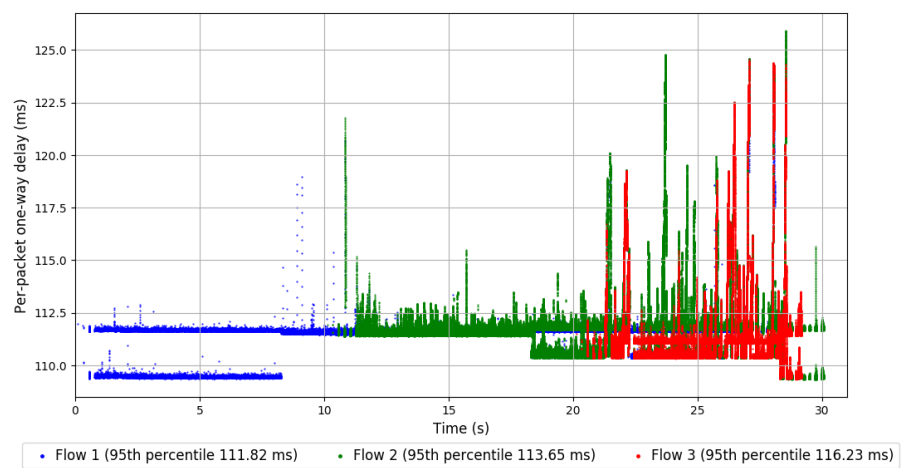
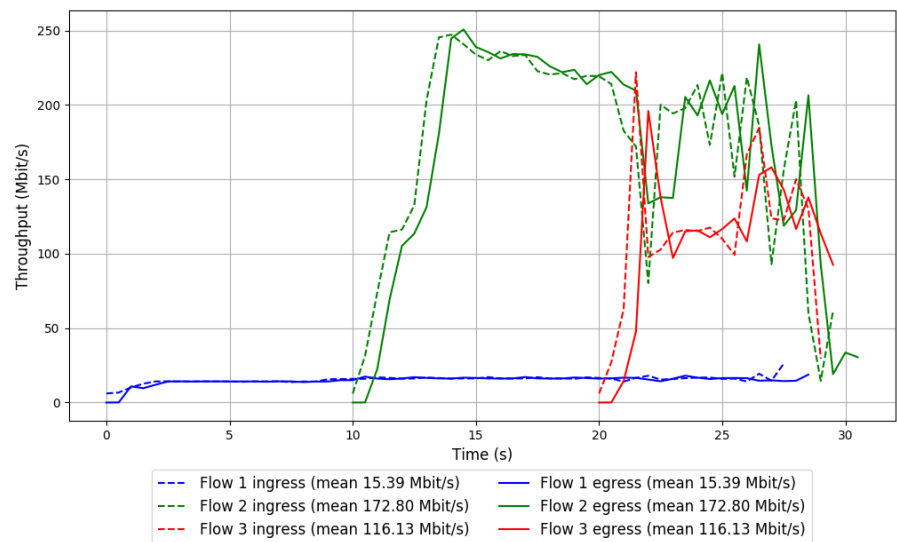


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-10 03:16:20
End at: 2018-07-10 03:16:50
Local clock offset: -0.414 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-07-10 06:53:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 164.45 Mbit/s
95th percentile per-packet one-way delay: 114.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.39 Mbit/s
95th percentile per-packet one-way delay: 111.822 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.80 Mbit/s
95th percentile per-packet one-way delay: 113.653 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 116.13 Mbit/s
95th percentile per-packet one-way delay: 116.230 ms
Loss rate: 0.00%

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

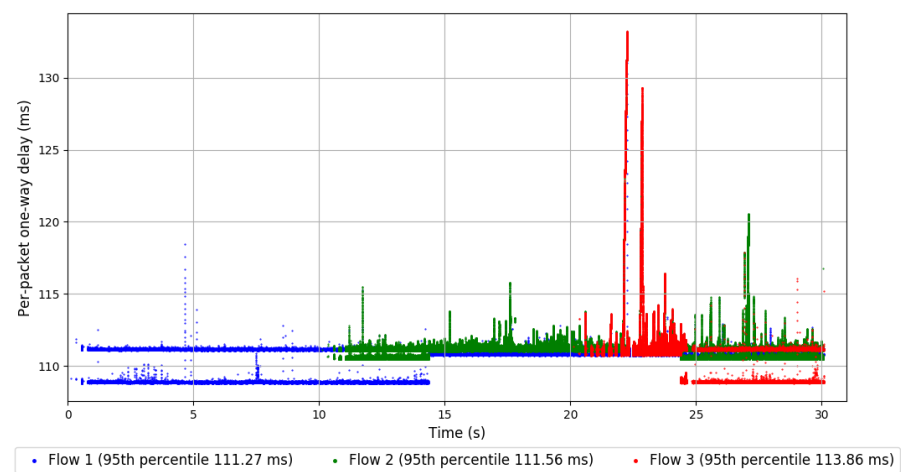
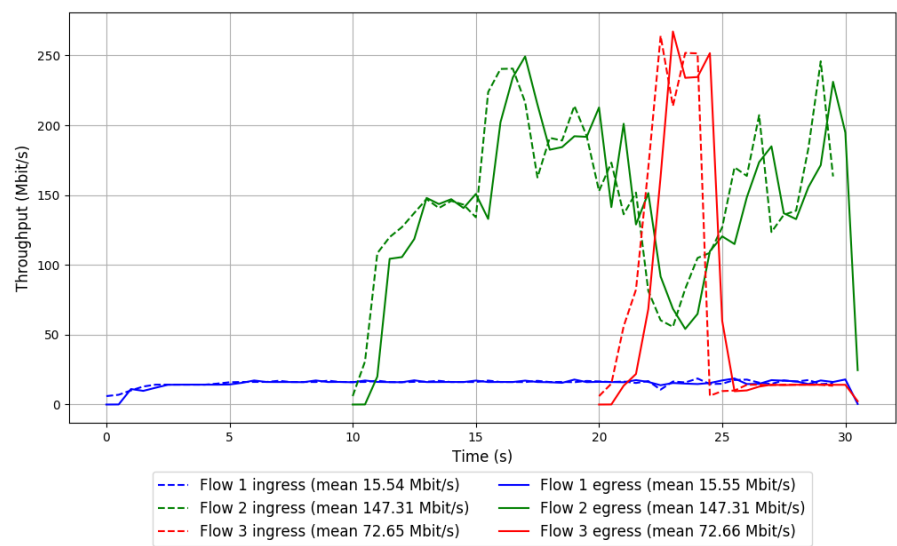


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-10 03:42:24
End at: 2018-07-10 03:42:54
Local clock offset: -0.212 ms
Remote clock offset: -0.435 ms

Below is generated by plot.py at 2018-07-10 06:53:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 137.67 Mbit/s
95th percentile per-packet one-way delay: 111.702 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.55 Mbit/s
95th percentile per-packet one-way delay: 111.269 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 147.31 Mbit/s
95th percentile per-packet one-way delay: 111.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 113.861 ms
Loss rate: 0.00%

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

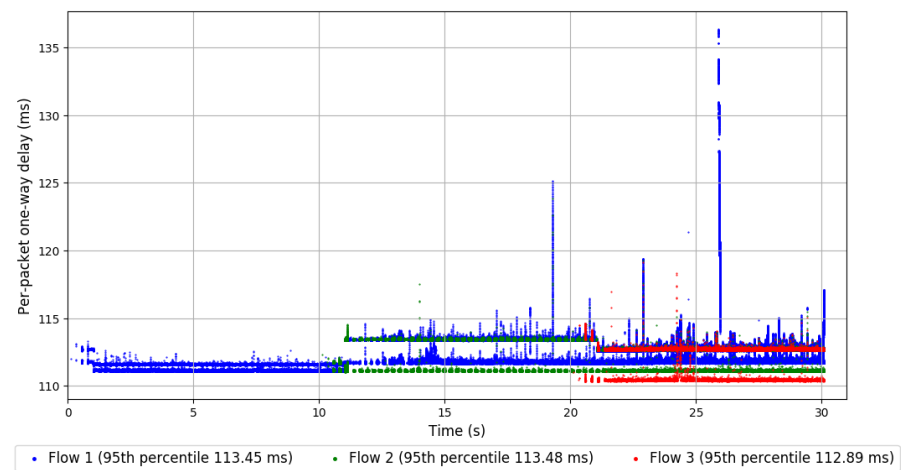
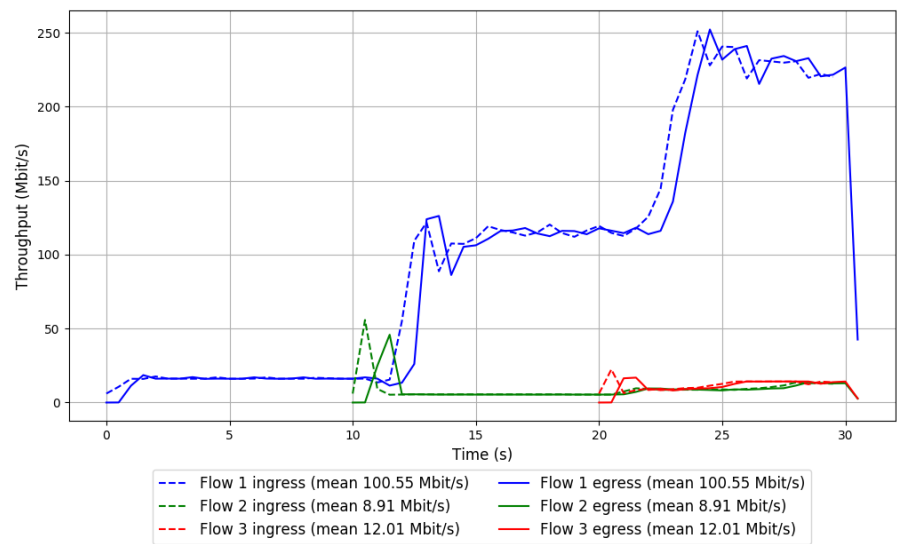


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-10 04:08:37
End at: 2018-07-10 04:09:07
Local clock offset: -1.373 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-07-10 06:53:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 110.47 Mbit/s
95th percentile per-packet one-way delay: 113.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.55 Mbit/s
95th percentile per-packet one-way delay: 113.454 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.91 Mbit/s
95th percentile per-packet one-way delay: 113.483 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.01 Mbit/s
95th percentile per-packet one-way delay: 112.895 ms
Loss rate: 0.00%

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

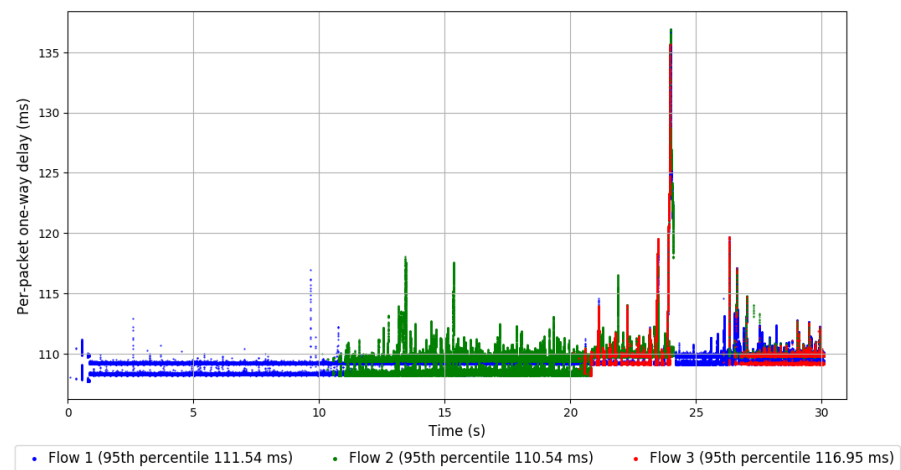
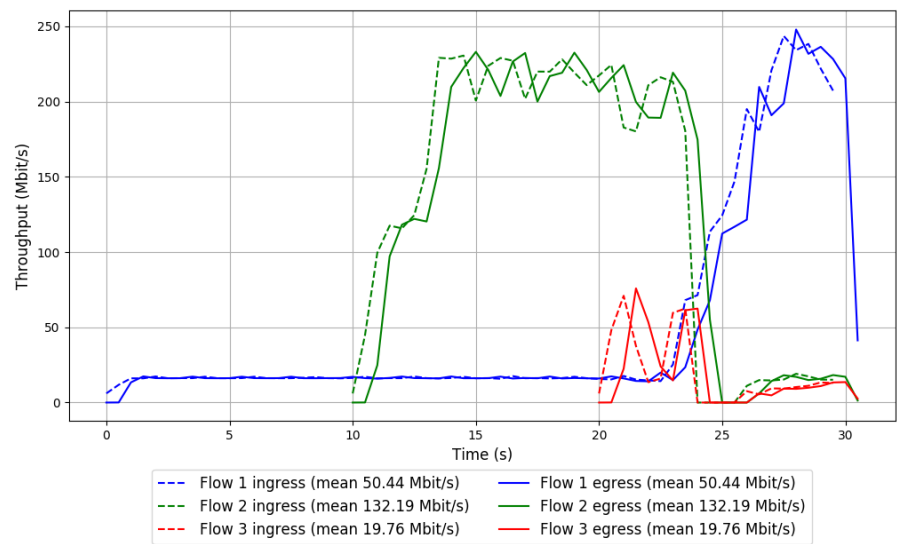


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-10 04:34:28
End at: 2018-07-10 04:34:58
Local clock offset: 1.095 ms
Remote clock offset: -0.506 ms

Below is generated by plot.py at 2018-07-10 06:55:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 145.05 Mbit/s
95th percentile per-packet one-way delay: 111.063 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.44 Mbit/s
95th percentile per-packet one-way delay: 111.538 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 132.19 Mbit/s
95th percentile per-packet one-way delay: 110.536 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 19.76 Mbit/s
95th percentile per-packet one-way delay: 116.954 ms
Loss rate: 0.00%

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

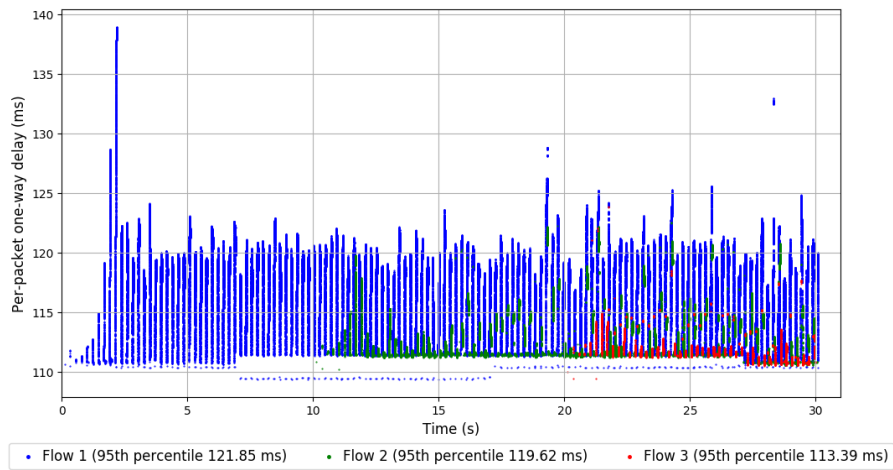
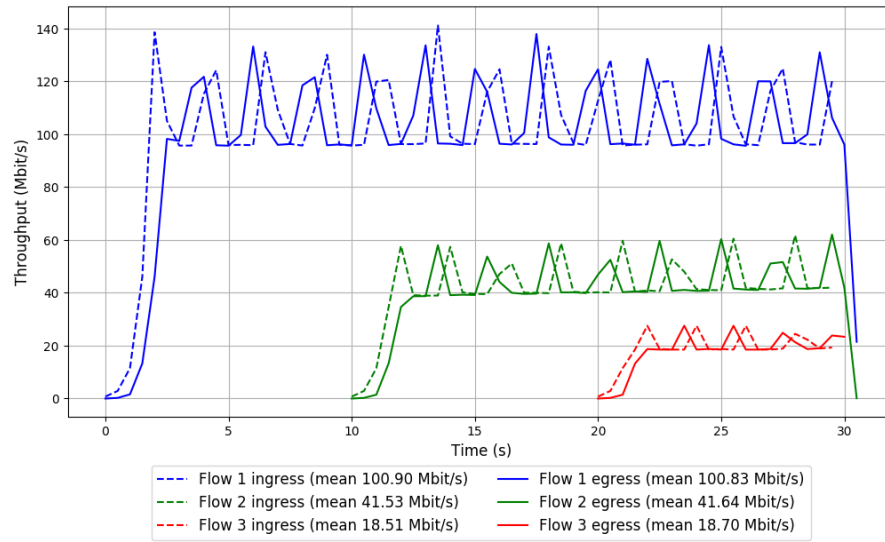


Run 1: Statistics of TCP Vegas

Start at: 2018-07-10 00:52:21
End at: 2018-07-10 00:52:51
Local clock offset: -0.074 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-07-10 06:55:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 134.64 Mbit/s
95th percentile per-packet one-way delay: 121.510 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 100.83 Mbit/s
95th percentile per-packet one-way delay: 121.847 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 41.64 Mbit/s
95th percentile per-packet one-way delay: 119.621 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 18.70 Mbit/s
95th percentile per-packet one-way delay: 113.392 ms
Loss rate: 0.07%

Run 1: Report of TCP Vegas — Data Link

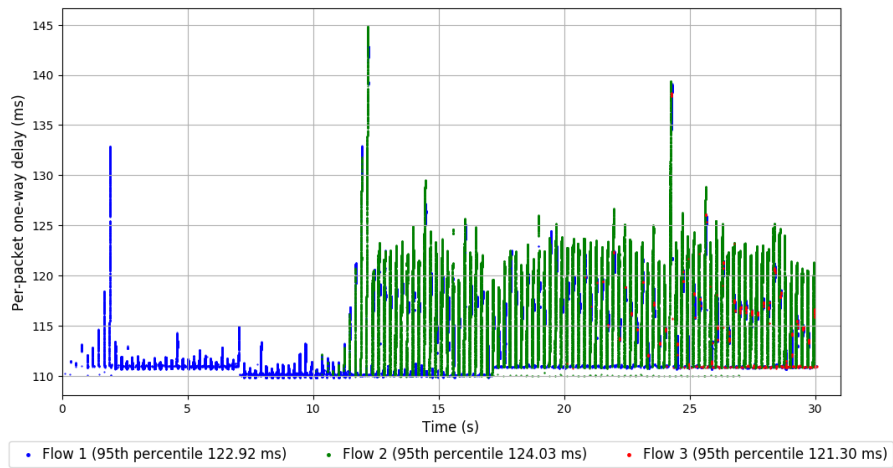
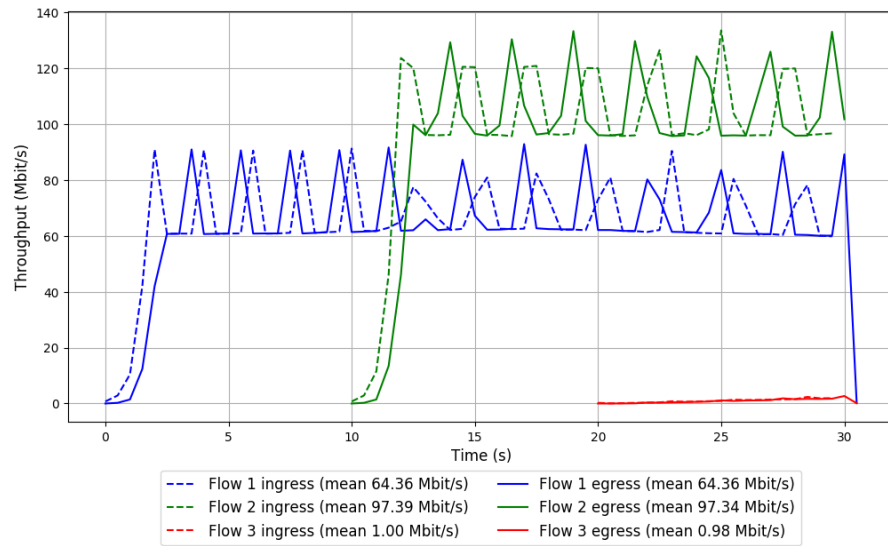


Run 2: Statistics of TCP Vegas

Start at: 2018-07-10 01:18:21
End at: 2018-07-10 01:18:51
Local clock offset: 0.014 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-07-10 06:55:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 129.07 Mbit/s
95th percentile per-packet one-way delay: 123.836 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.36 Mbit/s
95th percentile per-packet one-way delay: 122.923 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 124.034 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 121.302 ms
Loss rate: 1.21%

Run 2: Report of TCP Vegas — Data Link

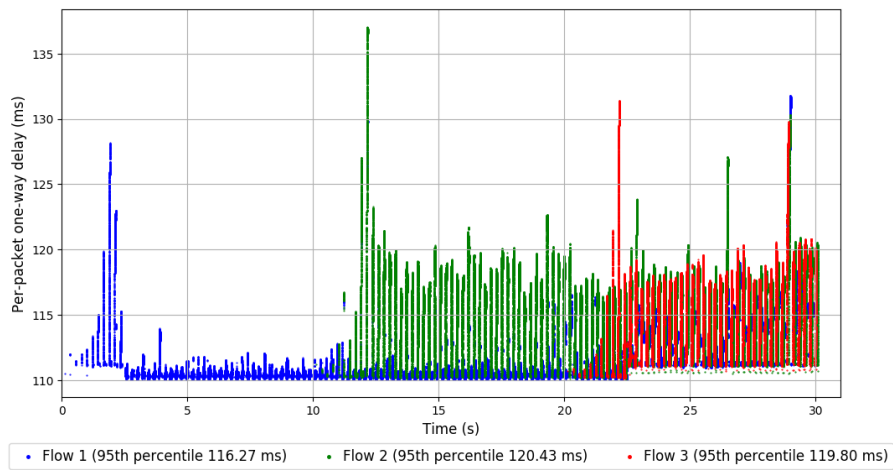
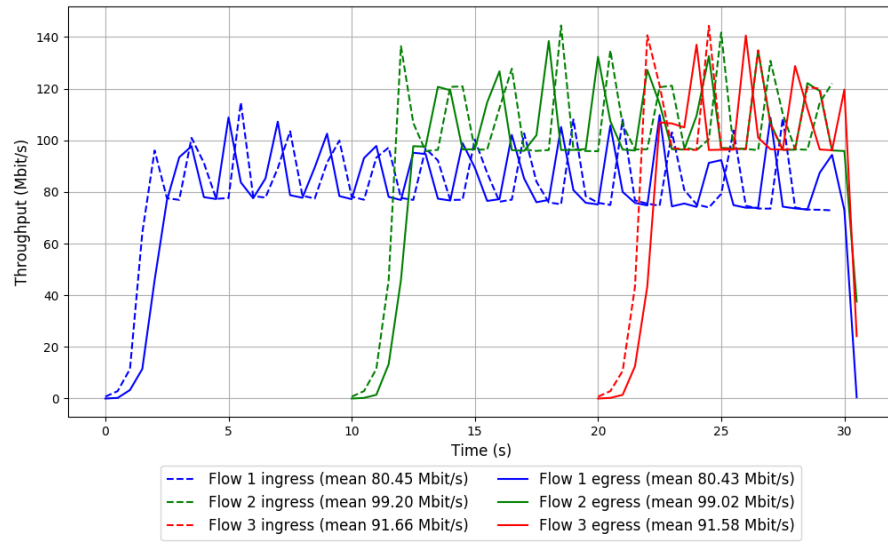


Run 3: Statistics of TCP Vegas

Start at: 2018-07-10 01:44:26
End at: 2018-07-10 01:44:56
Local clock offset: -0.377 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-07-10 06:55:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 176.58 Mbit/s
95th percentile per-packet one-way delay: 119.533 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 116.268 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 99.02 Mbit/s
95th percentile per-packet one-way delay: 120.434 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 119.797 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

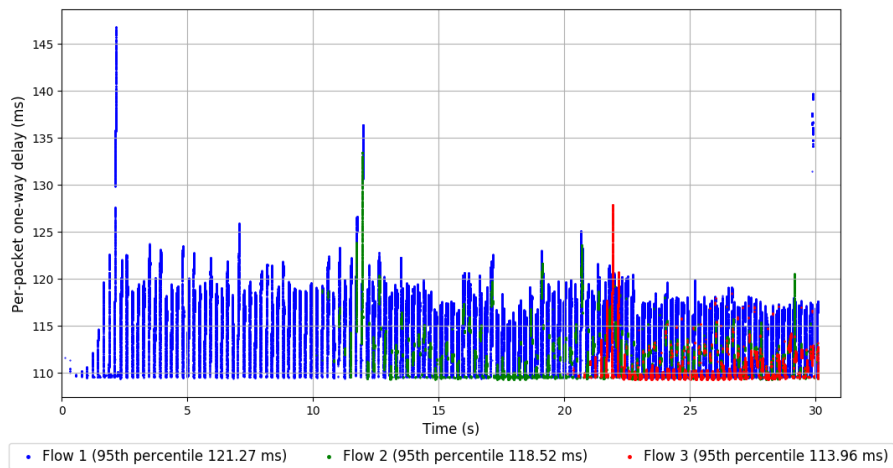
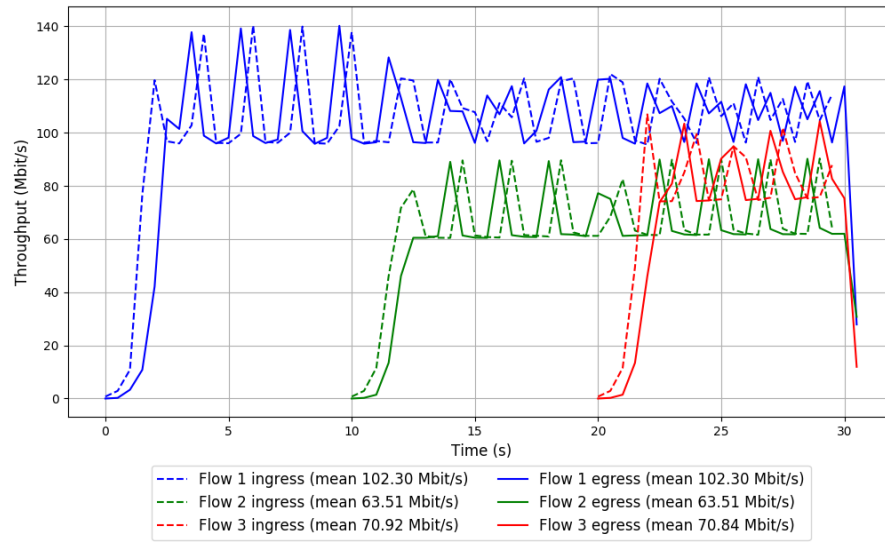


Run 4: Statistics of TCP Vegas

Start at: 2018-07-10 02:10:12
End at: 2018-07-10 02:10:42
Local clock offset: -0.364 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-07-10 06:55:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 168.16 Mbit/s
95th percentile per-packet one-way delay: 120.676 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 102.30 Mbit/s
95th percentile per-packet one-way delay: 121.270 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.51 Mbit/s
95th percentile per-packet one-way delay: 118.519 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.84 Mbit/s
95th percentile per-packet one-way delay: 113.962 ms
Loss rate: 0.10%

Run 4: Report of TCP Vegas — Data Link

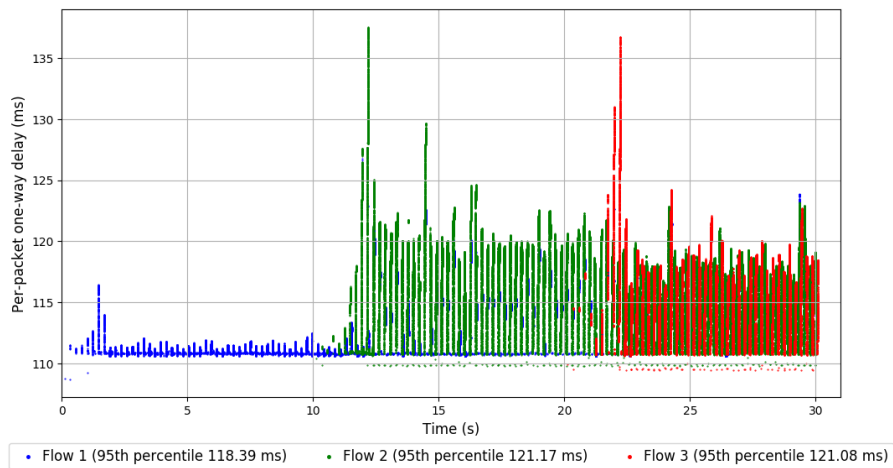
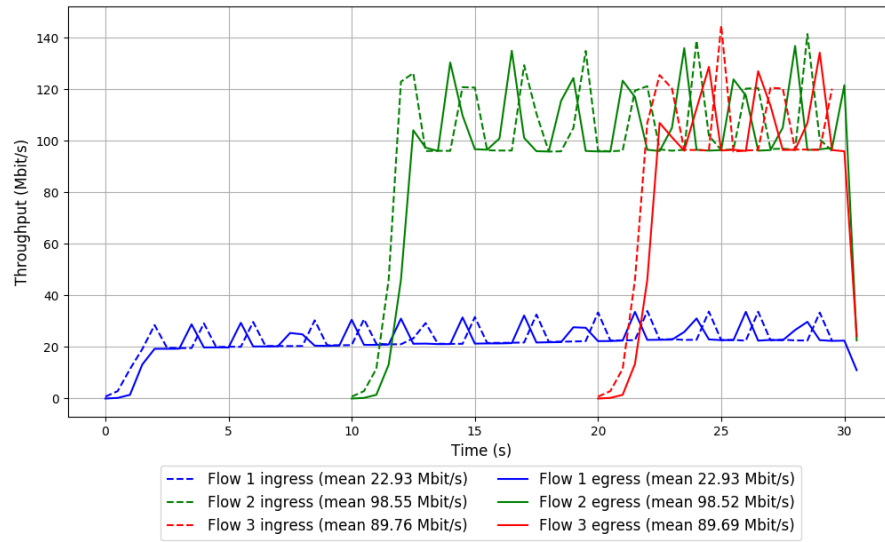


Run 5: Statistics of TCP Vegas

Start at: 2018-07-10 02:36:28
End at: 2018-07-10 02:36:58
Local clock offset: 1.15 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-07-10 06:55:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 118.08 Mbit/s
95th percentile per-packet one-way delay: 120.940 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.93 Mbit/s
95th percentile per-packet one-way delay: 118.391 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.52 Mbit/s
95th percentile per-packet one-way delay: 121.172 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.69 Mbit/s
95th percentile per-packet one-way delay: 121.083 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

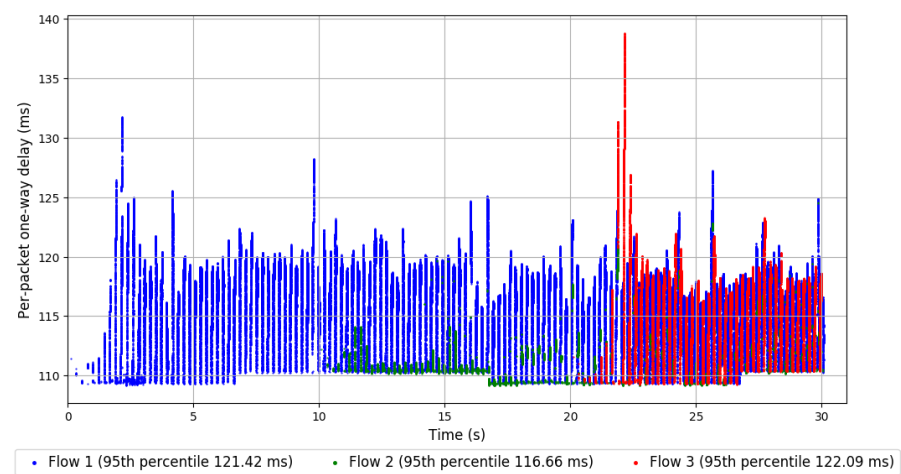
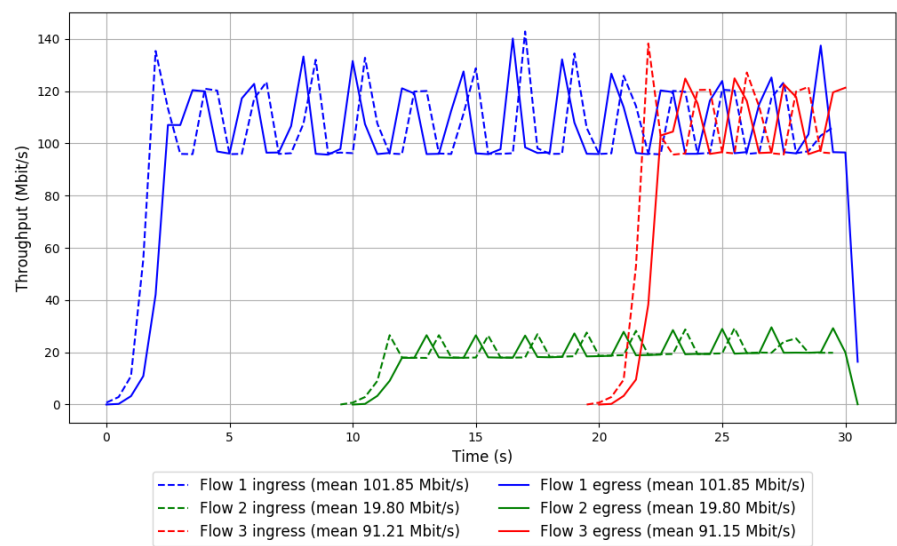


Run 6: Statistics of TCP Vegas

Start at: 2018-07-10 03:02:22
End at: 2018-07-10 03:02:52
Local clock offset: -0.243 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-10 06:55:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 145.08 Mbit/s
95th percentile per-packet one-way delay: 121.376 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 101.85 Mbit/s
95th percentile per-packet one-way delay: 121.425 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.80 Mbit/s
95th percentile per-packet one-way delay: 116.658 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 91.15 Mbit/s
95th percentile per-packet one-way delay: 122.087 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

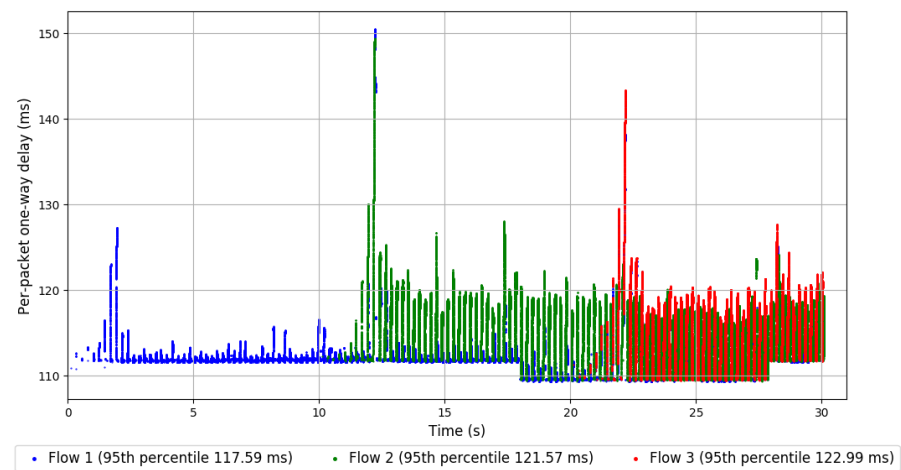
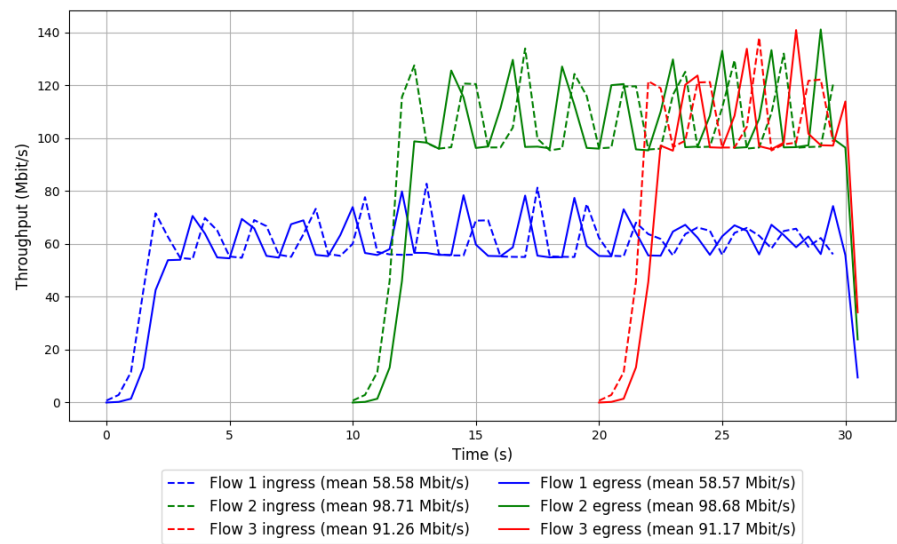


Run 7: Statistics of TCP Vegas

Start at: 2018-07-10 03:28:00
End at: 2018-07-10 03:28:30
Local clock offset: -0.3 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-10 06:55:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.50 Mbit/s
95th percentile per-packet one-way delay: 121.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.57 Mbit/s
95th percentile per-packet one-way delay: 117.588 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 98.68 Mbit/s
95th percentile per-packet one-way delay: 121.573 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 91.17 Mbit/s
95th percentile per-packet one-way delay: 122.990 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

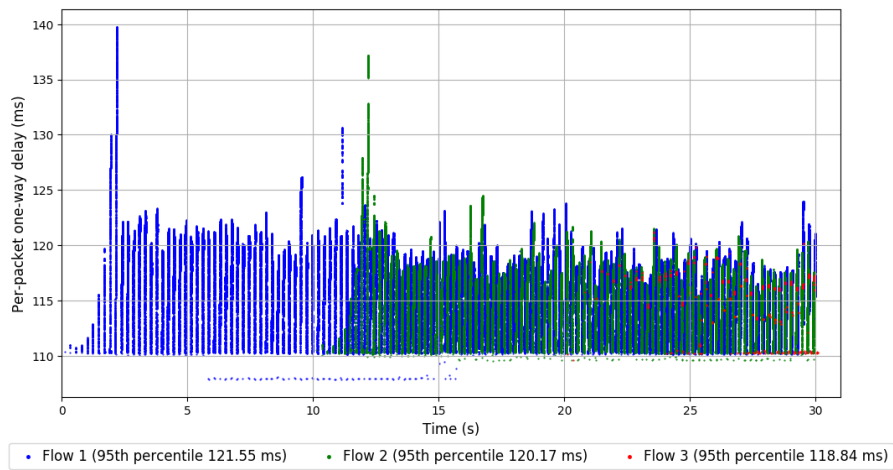
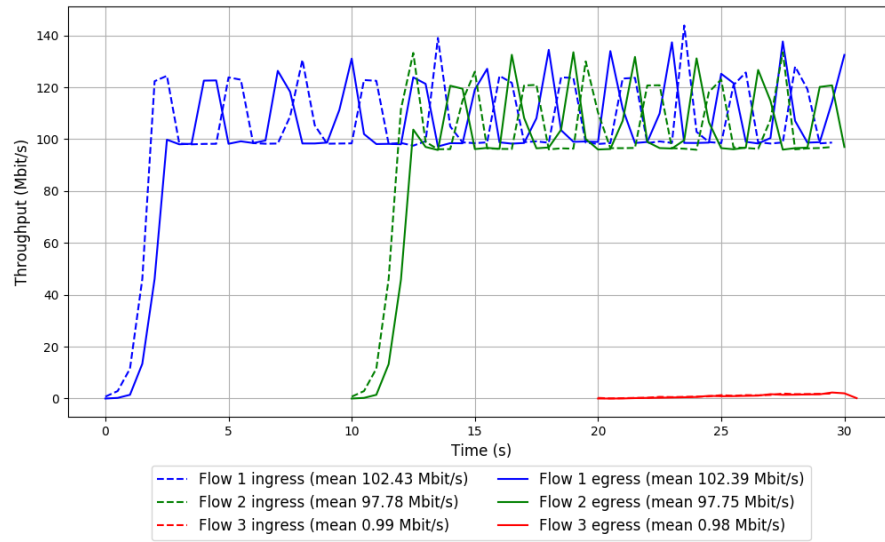


Run 8: Statistics of TCP Vegas

Start at: 2018-07-10 03:54:03
End at: 2018-07-10 03:54:33
Local clock offset: 1.144 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-07-10 06:55:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 167.04 Mbit/s
95th percentile per-packet one-way delay: 121.243 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.39 Mbit/s
95th percentile per-packet one-way delay: 121.550 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.75 Mbit/s
95th percentile per-packet one-way delay: 120.172 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 118.836 ms
Loss rate: 1.21%

Run 8: Report of TCP Vegas — Data Link

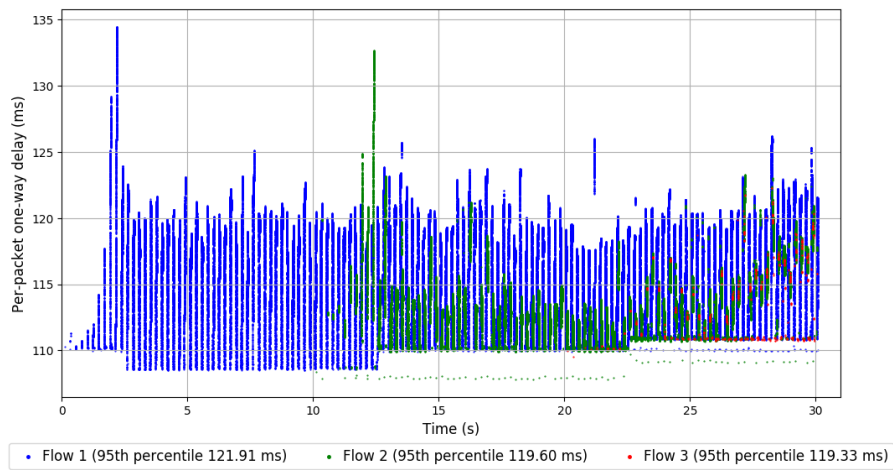
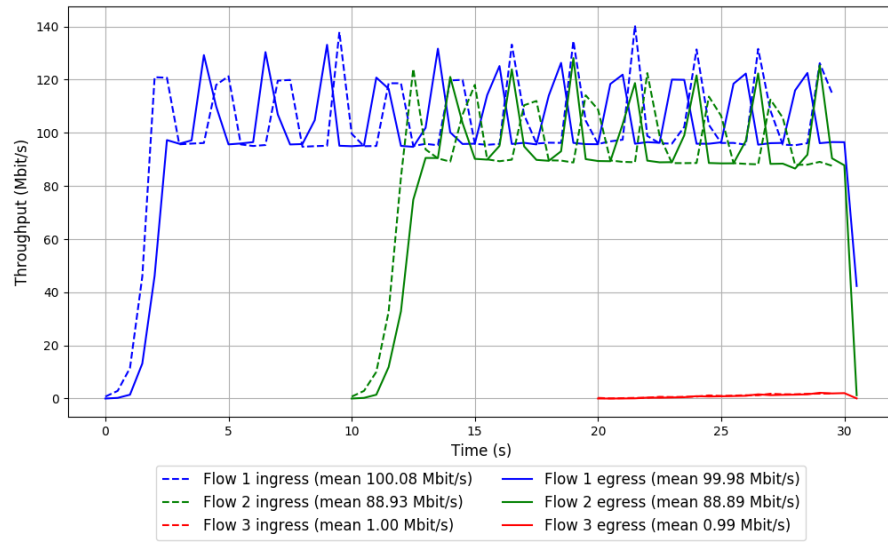


Run 9: Statistics of TCP Vegas

Start at: 2018-07-10 04:20:16
End at: 2018-07-10 04:20:46
Local clock offset: 1.309 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-07-10 06:56:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 159.43 Mbit/s
95th percentile per-packet one-way delay: 121.429 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 99.98 Mbit/s
95th percentile per-packet one-way delay: 121.913 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 88.89 Mbit/s
95th percentile per-packet one-way delay: 119.603 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 119.326 ms
Loss rate: 1.21%

Run 9: Report of TCP Vegas — Data Link

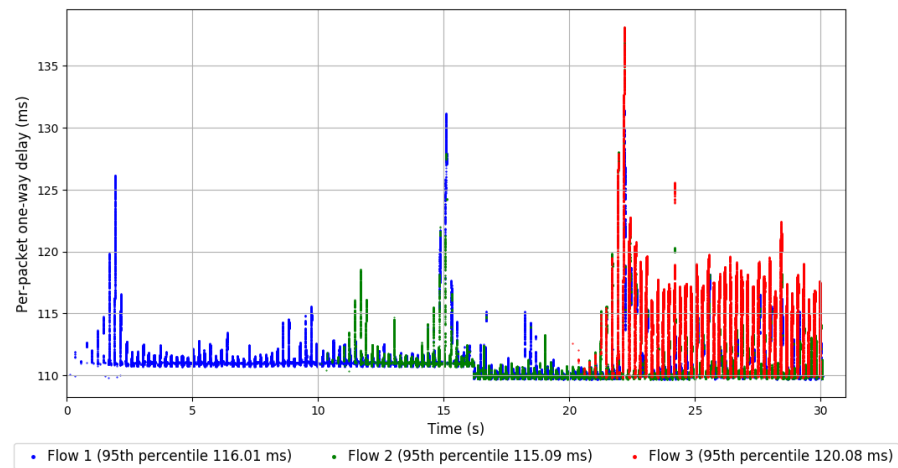
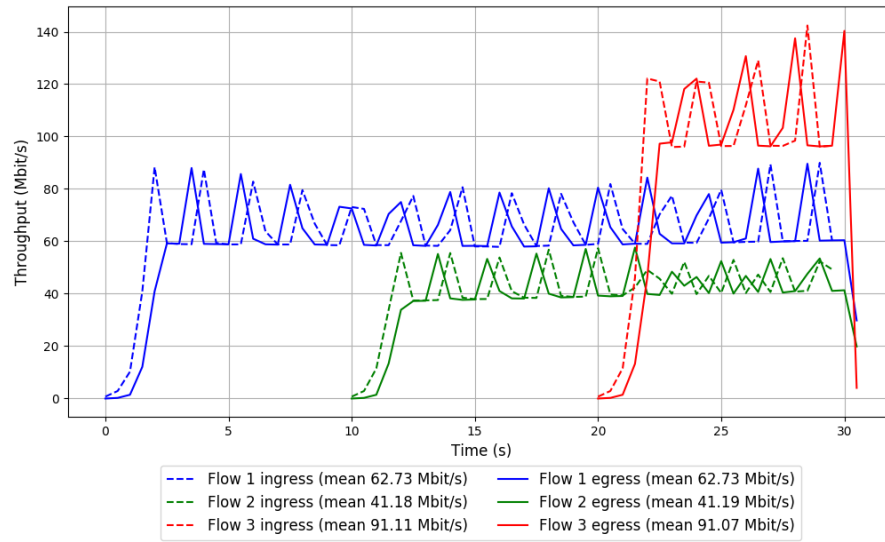


Run 10: Statistics of TCP Vegas

Start at: 2018-07-10 04:46:12
End at: 2018-07-10 04:46:42
Local clock offset: -0.024 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-07-10 06:56:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 120.15 Mbit/s
95th percentile per-packet one-way delay: 118.246 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.73 Mbit/s
95th percentile per-packet one-way delay: 116.012 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.19 Mbit/s
95th percentile per-packet one-way delay: 115.090 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 120.082 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

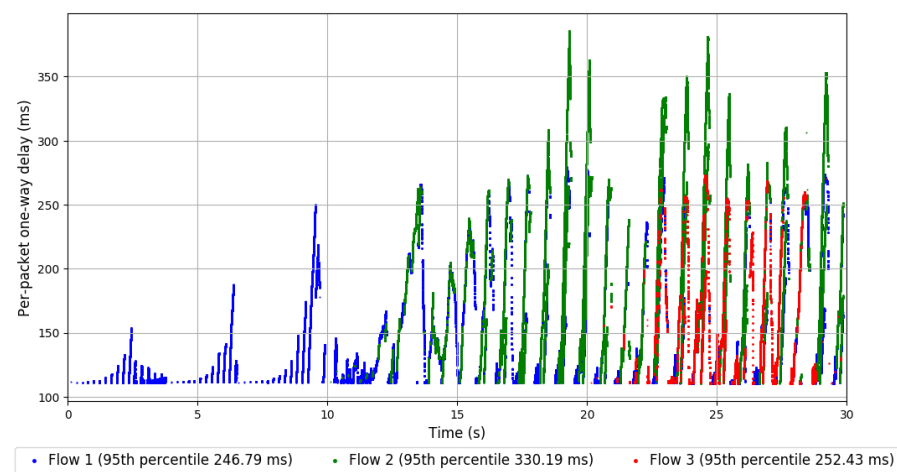
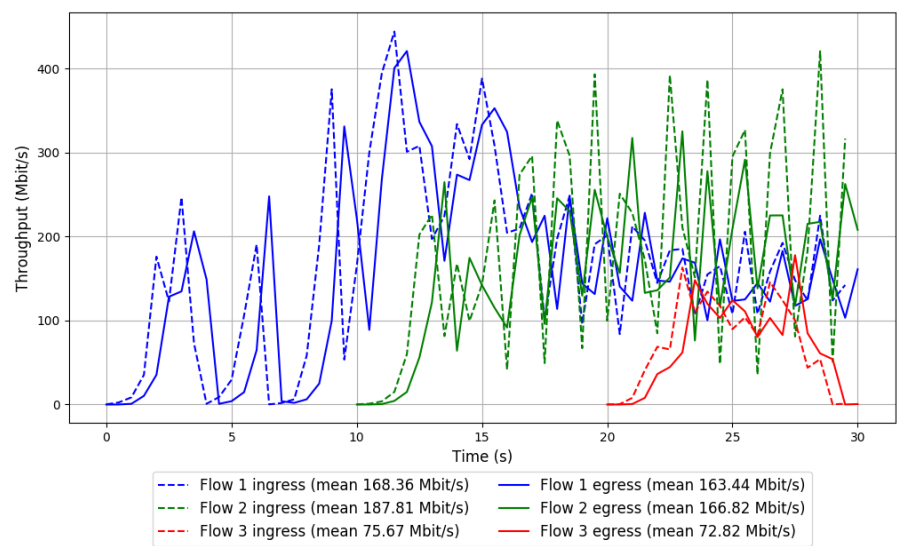


Run 1: Statistics of Verus

Start at: 2018-07-10 00:46:45
End at: 2018-07-10 00:47:15
Local clock offset: -0.022 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-07-10 06:59:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 297.69 Mbit/s
95th percentile per-packet one-way delay: 287.790 ms
Loss rate: 6.20%
-- Flow 1:
Average throughput: 163.44 Mbit/s
95th percentile per-packet one-way delay: 246.786 ms
Loss rate: 2.91%
-- Flow 2:
Average throughput: 166.82 Mbit/s
95th percentile per-packet one-way delay: 330.189 ms
Loss rate: 11.16%
-- Flow 3:
Average throughput: 72.82 Mbit/s
95th percentile per-packet one-way delay: 252.432 ms
Loss rate: 3.57%

Run 1: Report of Verus — Data Link

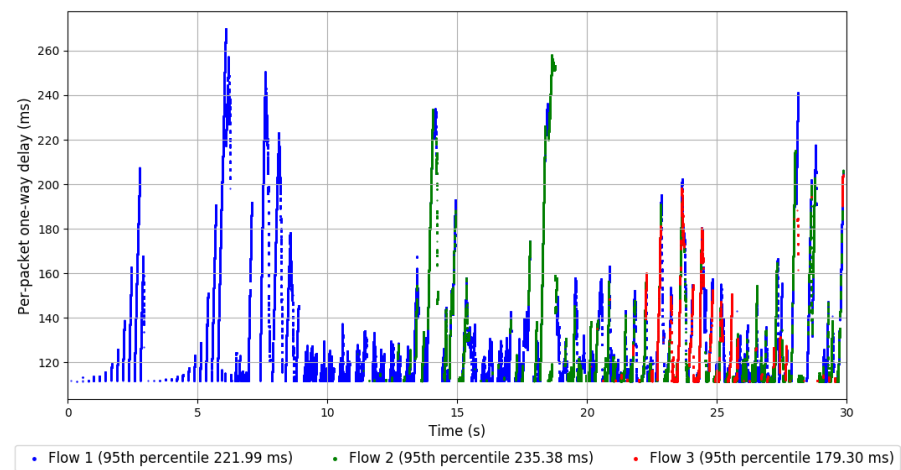
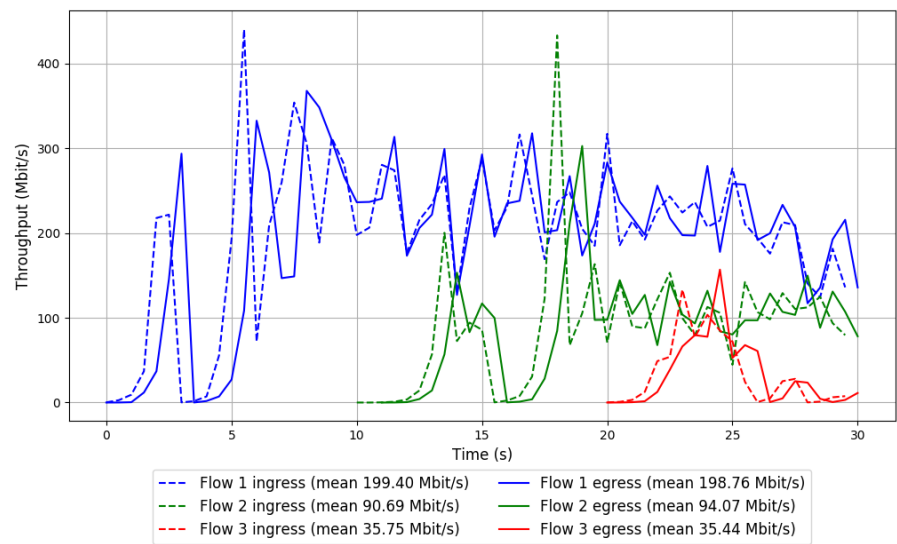


Run 2: Statistics of Verus

Start at: 2018-07-10 01:12:45
End at: 2018-07-10 01:13:15
Local clock offset: -1.314 ms
Remote clock offset: -0.457 ms

Below is generated by plot.py at 2018-07-10 06:59:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 269.51 Mbit/s
95th percentile per-packet one-way delay: 222.412 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 198.76 Mbit/s
95th percentile per-packet one-way delay: 221.989 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 94.07 Mbit/s
95th percentile per-packet one-way delay: 235.384 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 35.44 Mbit/s
95th percentile per-packet one-way delay: 179.303 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

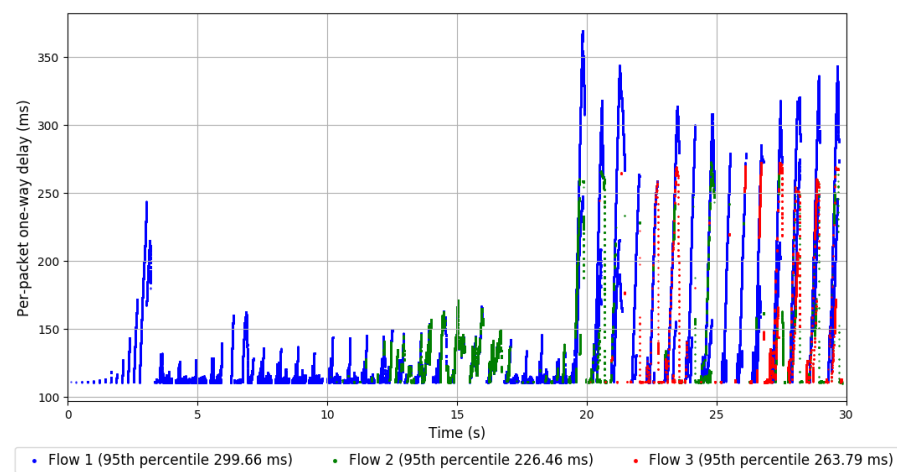
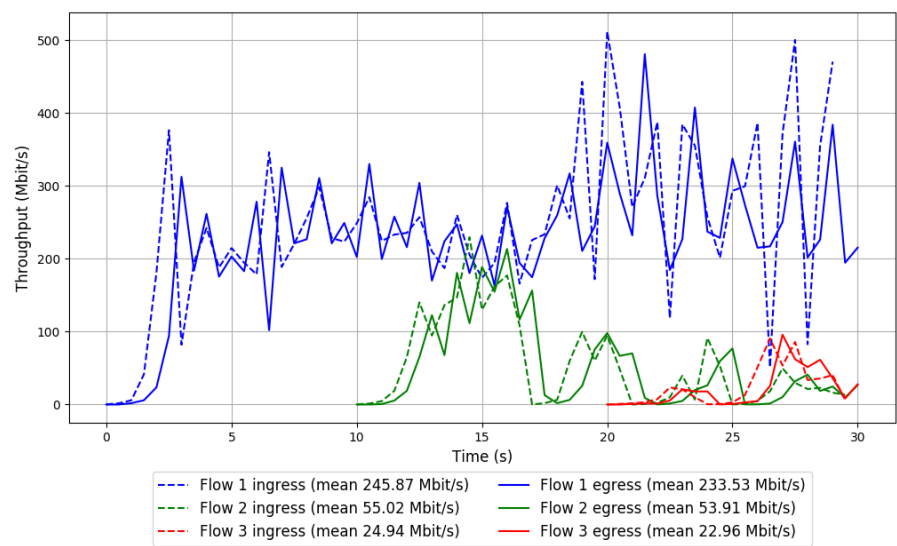


Run 3: Statistics of Verus

Start at: 2018-07-10 01:38:48
End at: 2018-07-10 01:39:18
Local clock offset: -0.345 ms
Remote clock offset: -0.415 ms

Below is generated by plot.py at 2018-07-10 06:59:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 275.76 Mbit/s
95th percentile per-packet one-way delay: 293.800 ms
Loss rate: 4.28%
-- Flow 1:
Average throughput: 233.53 Mbit/s
95th percentile per-packet one-way delay: 299.658 ms
Loss rate: 4.50%
-- Flow 2:
Average throughput: 53.91 Mbit/s
95th percentile per-packet one-way delay: 226.462 ms
Loss rate: 2.05%
-- Flow 3:
Average throughput: 22.96 Mbit/s
95th percentile per-packet one-way delay: 263.794 ms
Loss rate: 7.95%

Run 3: Report of Verus — Data Link

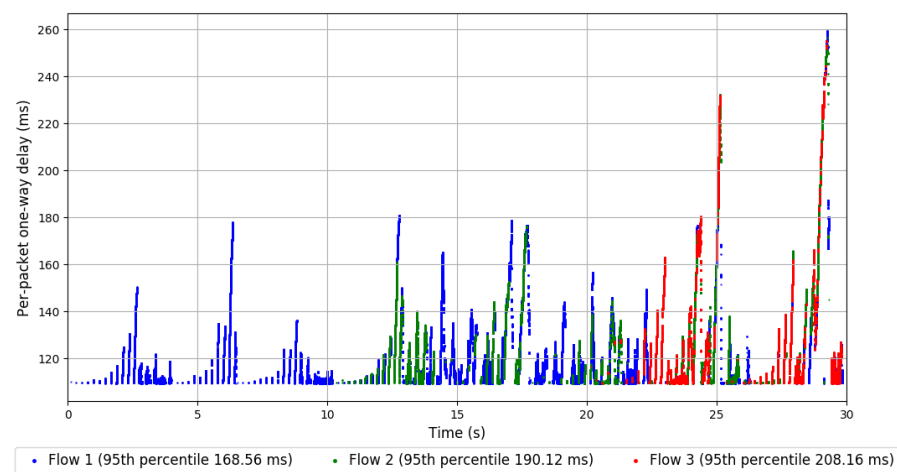
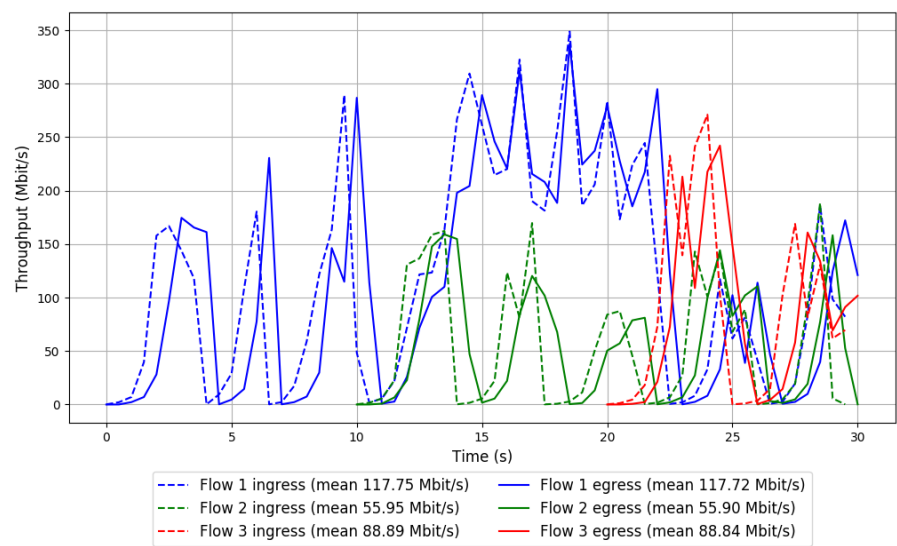


Run 4: Statistics of Verus

Start at: 2018-07-10 02:04:45
End at: 2018-07-10 02:05:15
Local clock offset: -0.372 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-07-10 06:59:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 183.56 Mbit/s
95th percentile per-packet one-way delay: 173.977 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 117.72 Mbit/s
95th percentile per-packet one-way delay: 168.561 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 190.124 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 88.84 Mbit/s
95th percentile per-packet one-way delay: 208.156 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

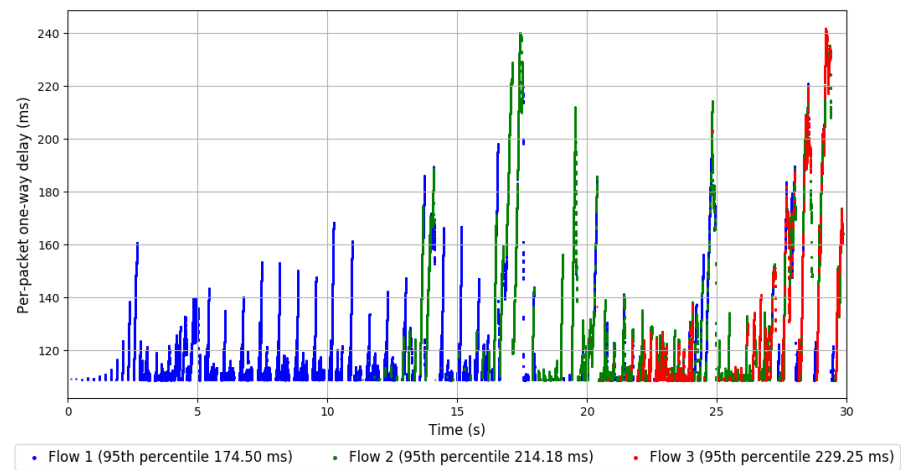
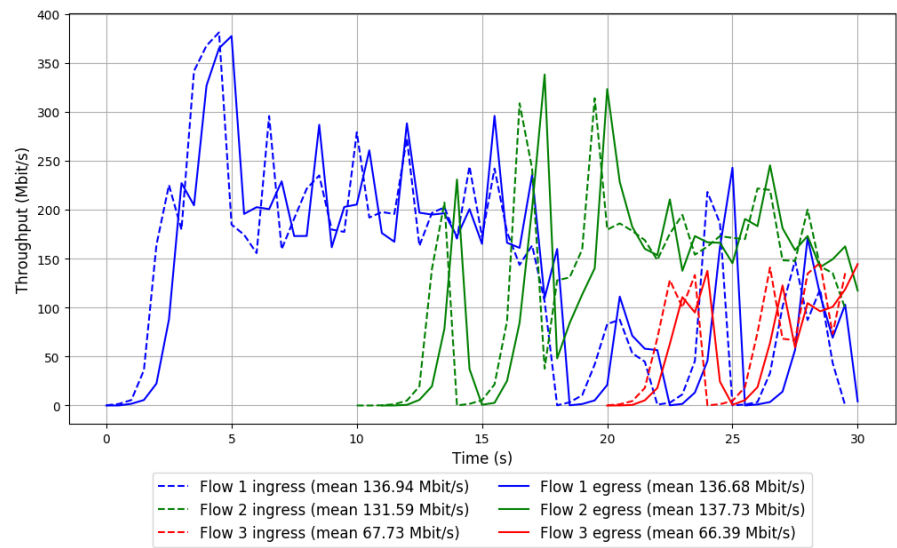


Run 5: Statistics of Verus

Start at: 2018-07-10 02:30:51
End at: 2018-07-10 02:31:21
Local clock offset: 0.142 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-10 06:59:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 244.97 Mbit/s
95th percentile per-packet one-way delay: 197.166 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 136.68 Mbit/s
95th percentile per-packet one-way delay: 174.495 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 137.73 Mbit/s
95th percentile per-packet one-way delay: 214.175 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 66.39 Mbit/s
95th percentile per-packet one-way delay: 229.253 ms
Loss rate: 2.17%

Run 5: Report of Verus — Data Link

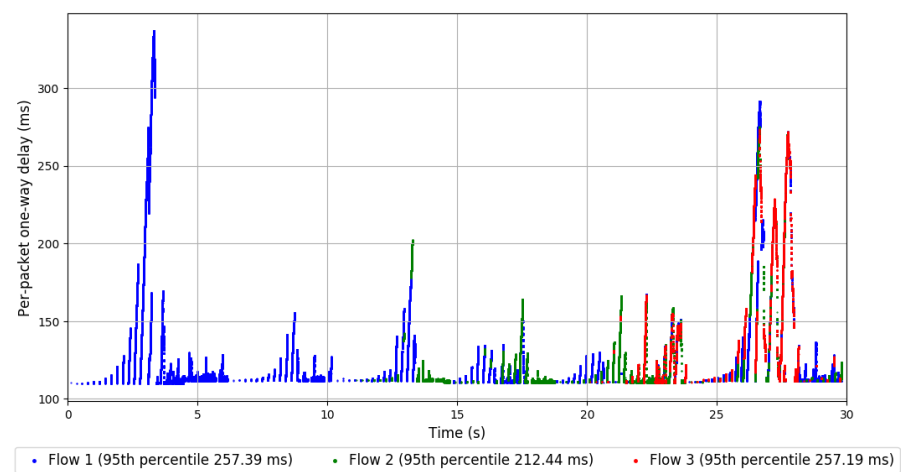
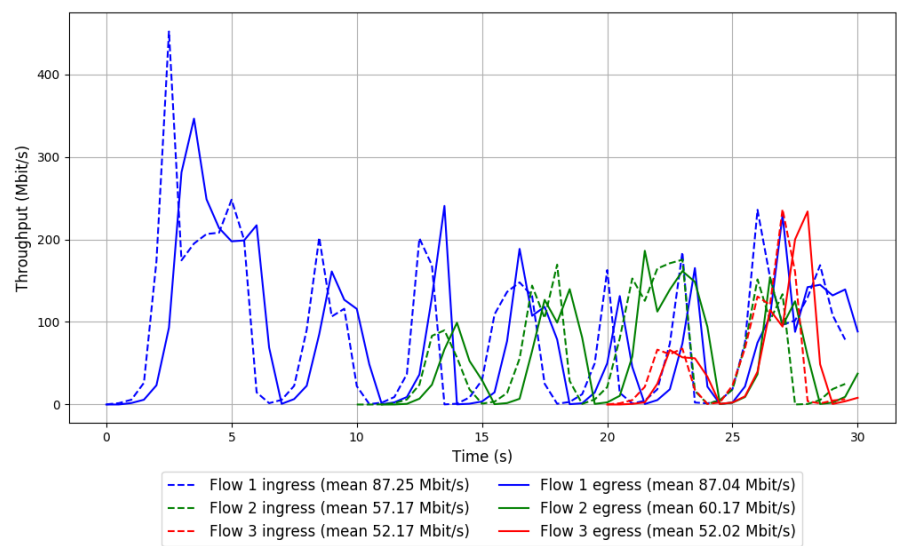


Run 6: Statistics of Verus

Start at: 2018-07-10 02:56:54
End at: 2018-07-10 02:57:24
Local clock offset: -0.166 ms
Remote clock offset: -0.425 ms

Below is generated by plot.py at 2018-07-10 06:59:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.68 Mbit/s
95th percentile per-packet one-way delay: 251.207 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 87.04 Mbit/s
95th percentile per-packet one-way delay: 257.389 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 60.17 Mbit/s
95th percentile per-packet one-way delay: 212.442 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 52.02 Mbit/s
95th percentile per-packet one-way delay: 257.189 ms
Loss rate: 0.26%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-07-10 03:22:28

End at: 2018-07-10 03:22:58

Local clock offset: -0.108 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-07-10 06:59:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 223.24 Mbit/s

95th percentile per-packet one-way delay: 185.202 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 174.46 Mbit/s

95th percentile per-packet one-way delay: 175.165 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 60.51 Mbit/s

95th percentile per-packet one-way delay: 210.610 ms

Loss rate: 0.04%

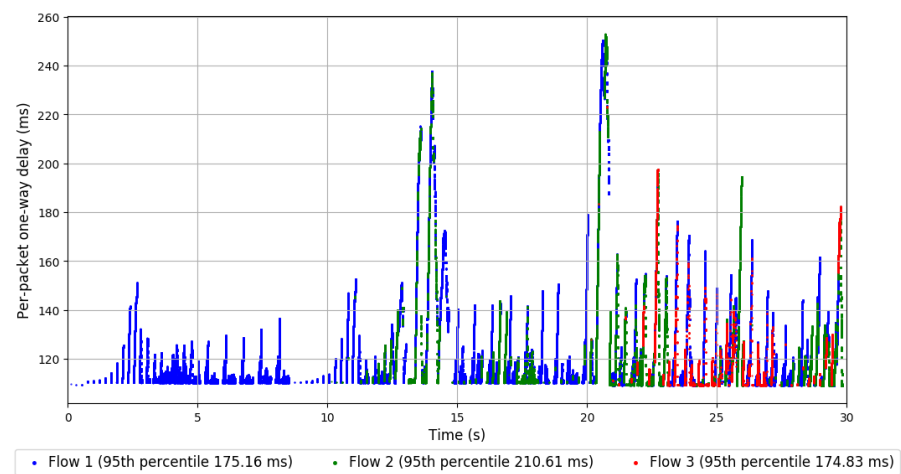
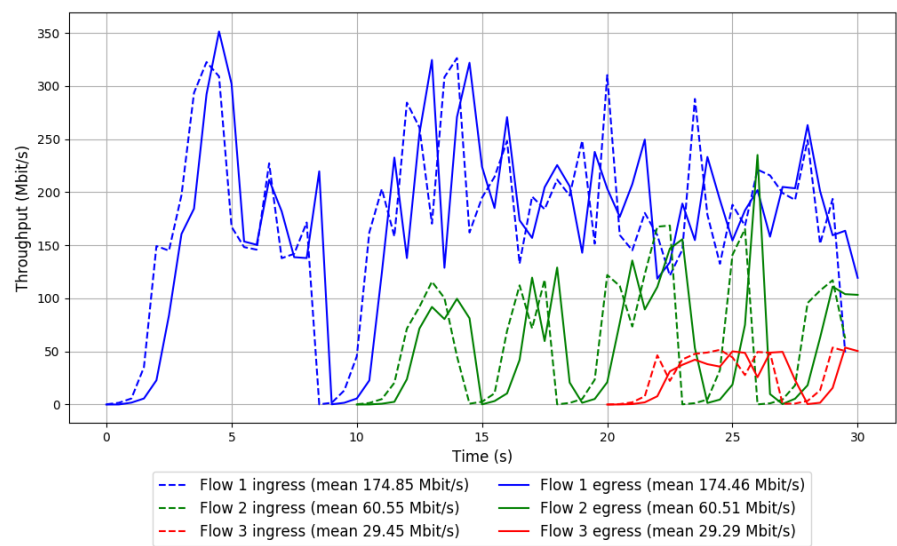
-- Flow 3:

Average throughput: 29.29 Mbit/s

95th percentile per-packet one-way delay: 174.827 ms

Loss rate: 0.00%

Run 7: Report of Verus — Data Link

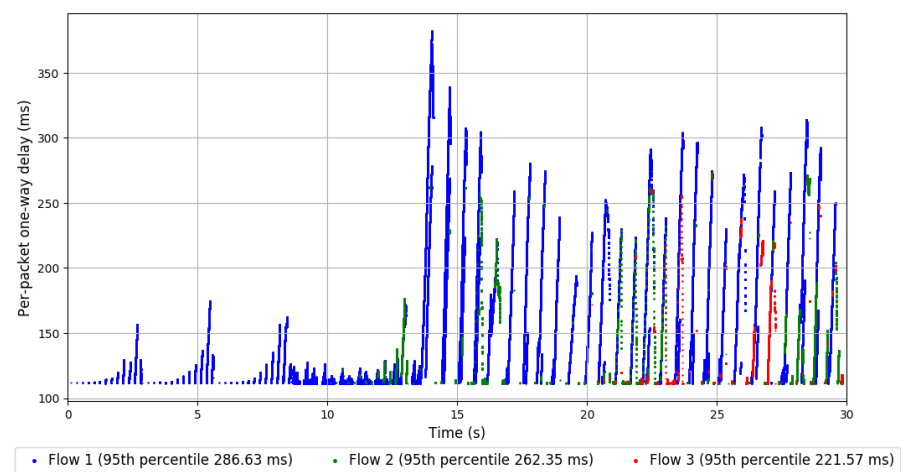
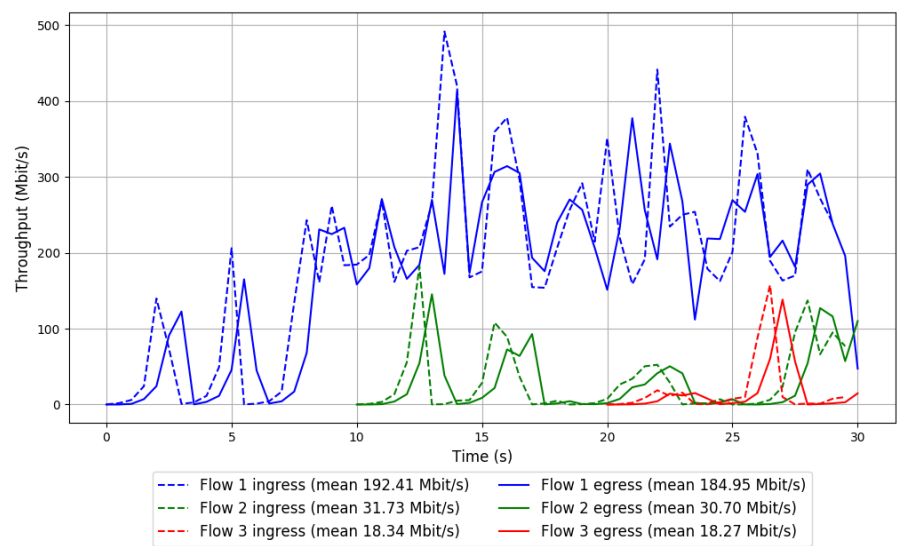


Run 8: Statistics of Verus

Start at: 2018-07-10 03:48:31
End at: 2018-07-10 03:49:01
Local clock offset: -0.288 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-07-10 06:59:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 209.45 Mbit/s
95th percentile per-packet one-way delay: 282.770 ms
Loss rate: 3.34%
-- Flow 1:
Average throughput: 184.95 Mbit/s
95th percentile per-packet one-way delay: 286.632 ms
Loss rate: 3.42%
-- Flow 2:
Average throughput: 30.70 Mbit/s
95th percentile per-packet one-way delay: 262.349 ms
Loss rate: 3.23%
-- Flow 3:
Average throughput: 18.27 Mbit/s
95th percentile per-packet one-way delay: 221.566 ms
Loss rate: 0.92%

Run 8: Report of Verus — Data Link

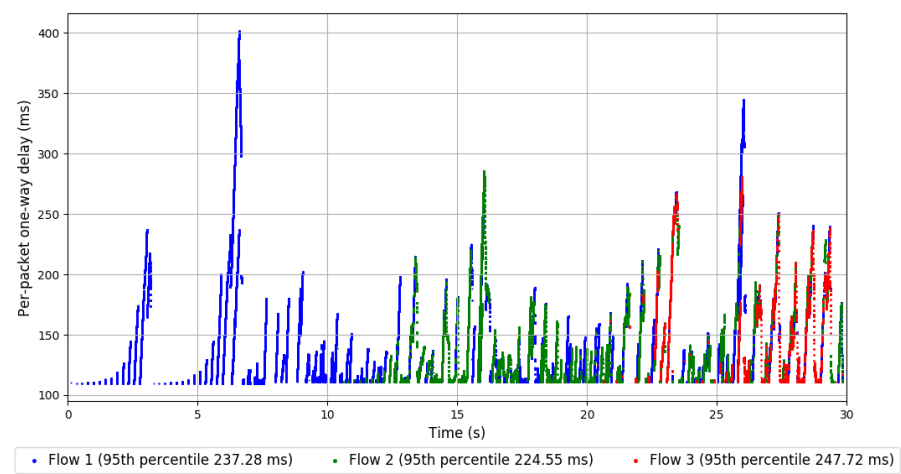
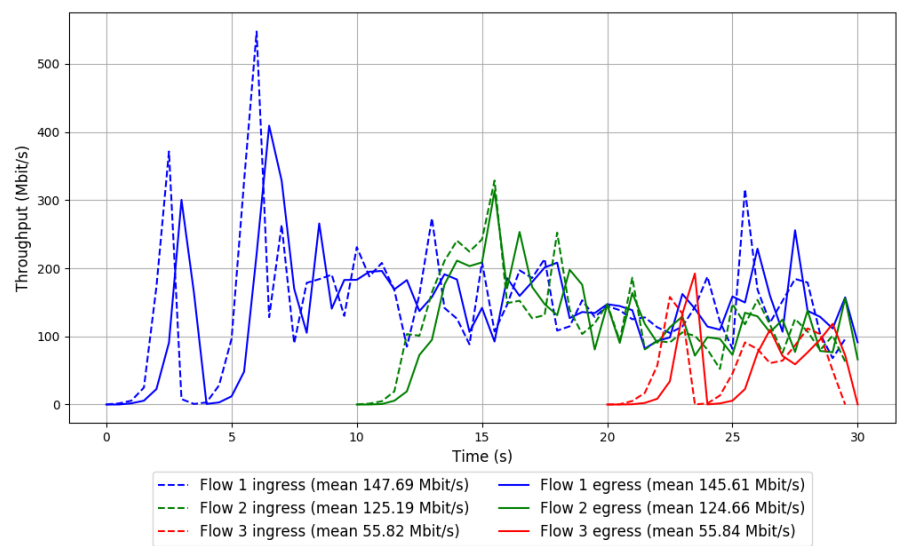


Run 9: Statistics of Verus

Start at: 2018-07-10 04:14:41
End at: 2018-07-10 04:15:11
Local clock offset: 0.038 ms
Remote clock offset: -0.435 ms

Below is generated by plot.py at 2018-07-10 07:01:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.44 Mbit/s
95th percentile per-packet one-way delay: 233.961 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 145.61 Mbit/s
95th percentile per-packet one-way delay: 237.281 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 124.66 Mbit/s
95th percentile per-packet one-way delay: 224.549 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 55.84 Mbit/s
95th percentile per-packet one-way delay: 247.719 ms
Loss rate: 0.12%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-07-10 04:40:34

End at: 2018-07-10 04:41:04

Local clock offset: -0.137 ms

Remote clock offset: 0.291 ms

Below is generated by plot.py at 2018-07-10 07:02:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 283.60 Mbit/s

95th percentile per-packet one-way delay: 330.311 ms

Loss rate: 8.95%

-- Flow 1:

Average throughput: 172.10 Mbit/s

95th percentile per-packet one-way delay: 255.793 ms

Loss rate: 5.35%

-- Flow 2:

Average throughput: 168.94 Mbit/s

95th percentile per-packet one-way delay: 347.650 ms

Loss rate: 13.86%

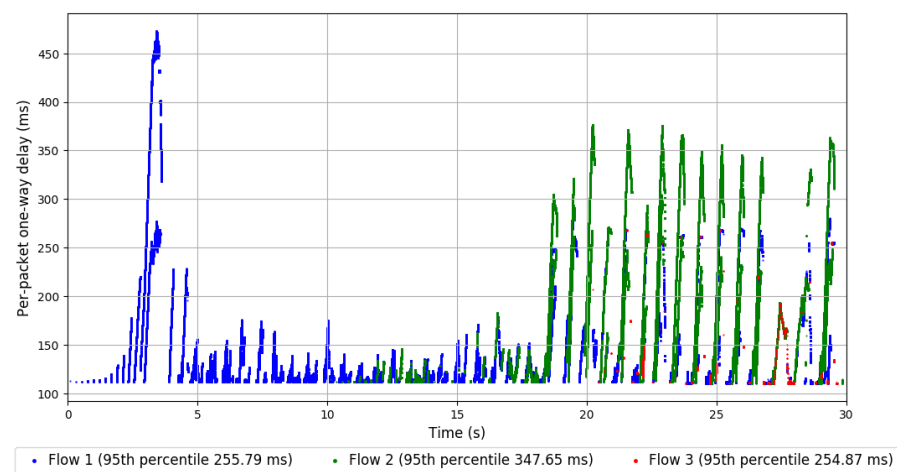
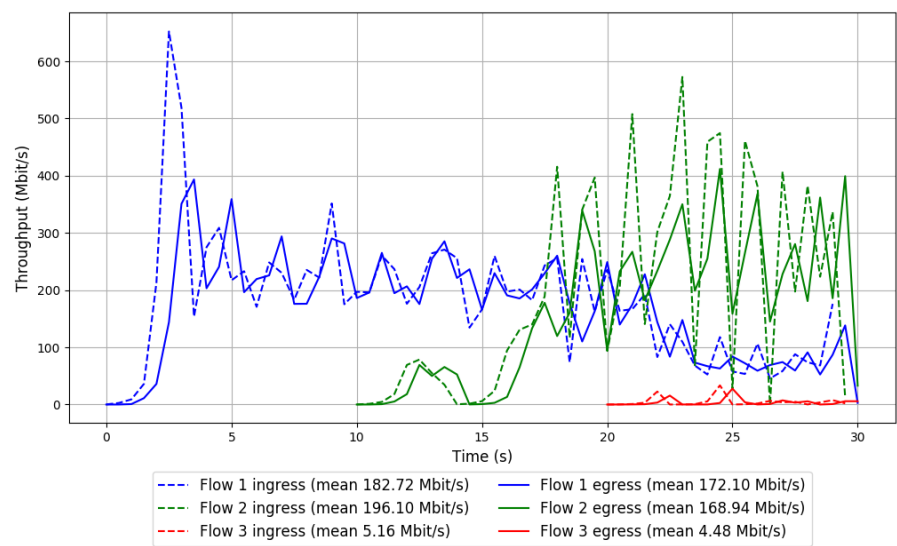
-- Flow 3:

Average throughput: 4.48 Mbit/s

95th percentile per-packet one-way delay: 254.869 ms

Loss rate: 14.07%

Run 10: Report of Verus — Data Link

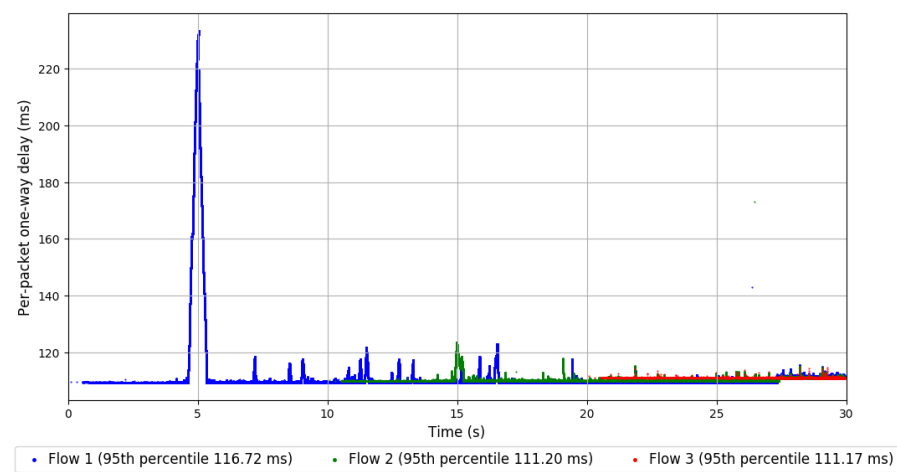
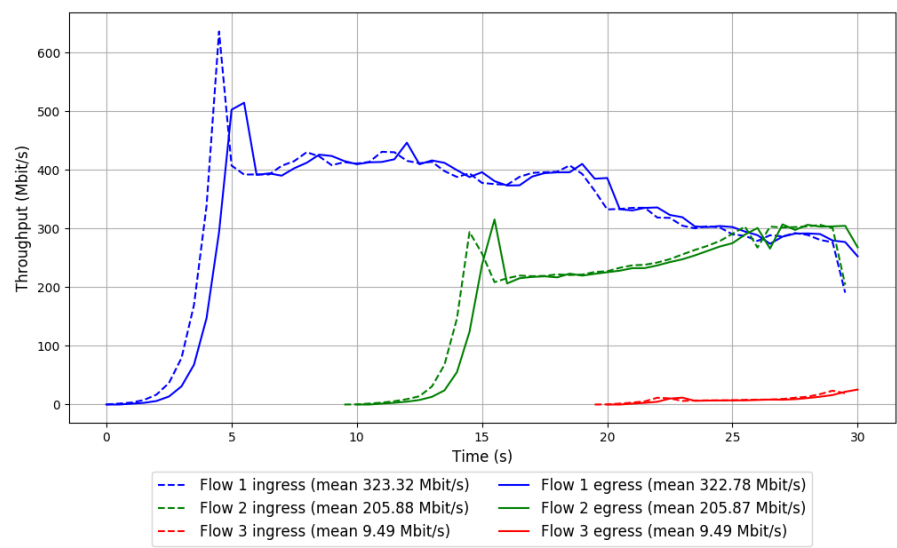


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-10 00:43:31
End at: 2018-07-10 00:44:01
Local clock offset: -0.152 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-07-10 07:06:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 463.04 Mbit/s
95th percentile per-packet one-way delay: 114.896 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 322.78 Mbit/s
95th percentile per-packet one-way delay: 116.724 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 205.87 Mbit/s
95th percentile per-packet one-way delay: 111.199 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 111.166 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

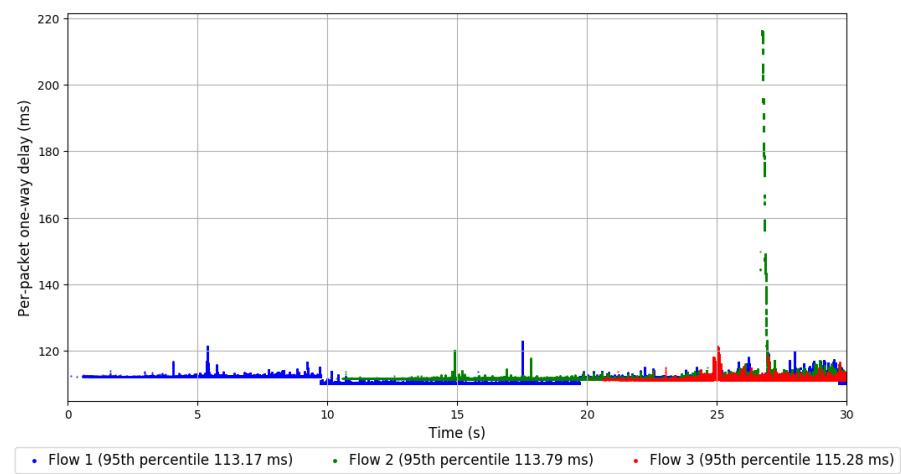
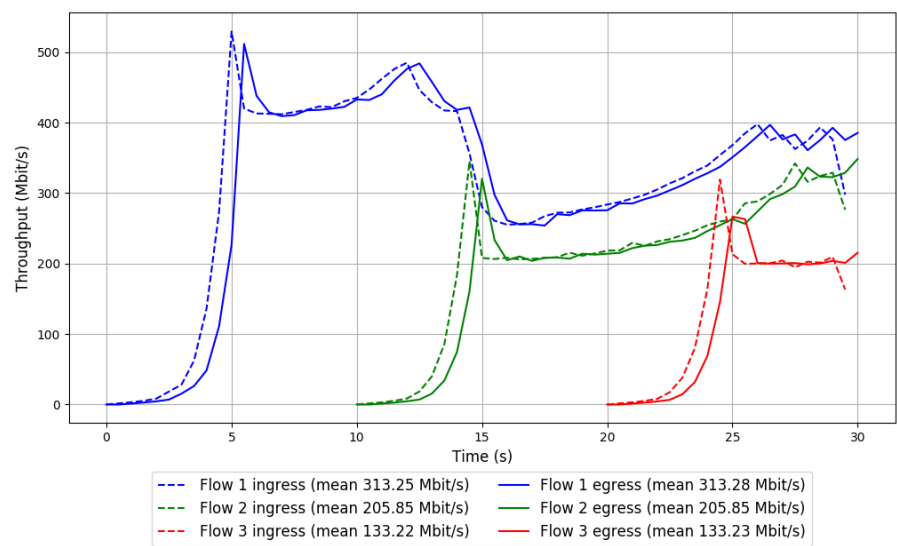


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-10 01:09:29
End at: 2018-07-10 01:09:59
Local clock offset: -1.411 ms
Remote clock offset: -0.426 ms

Below is generated by plot.py at 2018-07-10 07:06:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 494.10 Mbit/s
95th percentile per-packet one-way delay: 113.435 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 313.28 Mbit/s
95th percentile per-packet one-way delay: 113.167 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 205.85 Mbit/s
95th percentile per-packet one-way delay: 113.787 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 133.23 Mbit/s
95th percentile per-packet one-way delay: 115.284 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

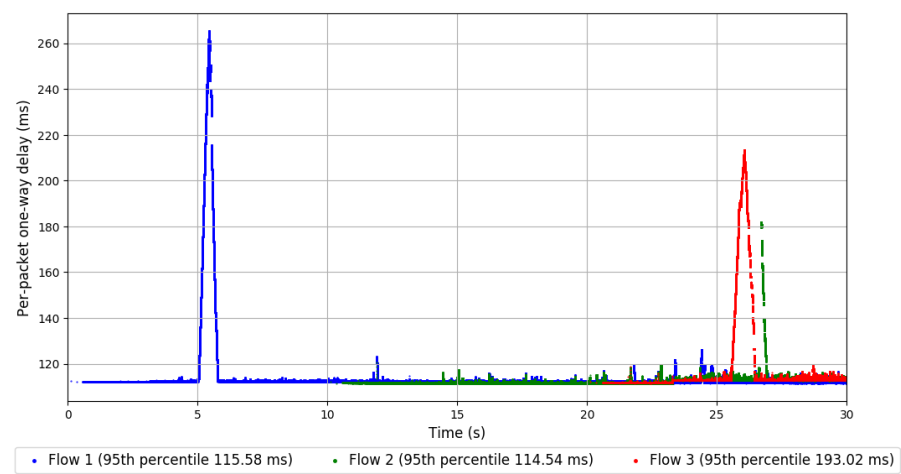
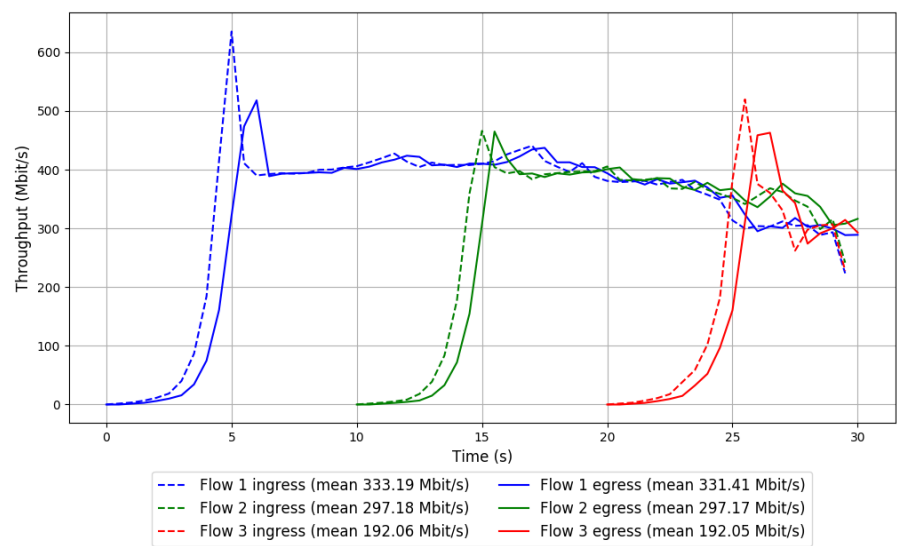


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-10 01:35:25
End at: 2018-07-10 01:35:55
Local clock offset: -1.365 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-07-10 07:08:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 592.42 Mbit/s
95th percentile per-packet one-way delay: 119.409 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 331.41 Mbit/s
95th percentile per-packet one-way delay: 115.581 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 297.17 Mbit/s
95th percentile per-packet one-way delay: 114.541 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 192.05 Mbit/s
95th percentile per-packet one-way delay: 193.024 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

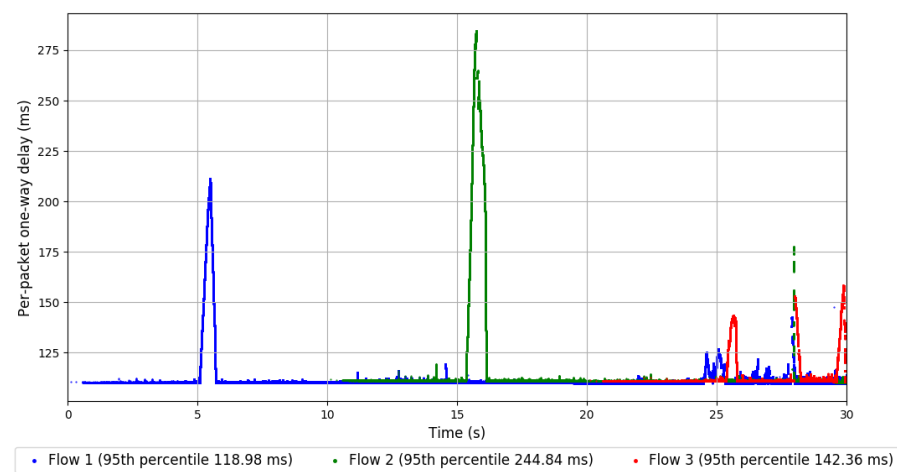
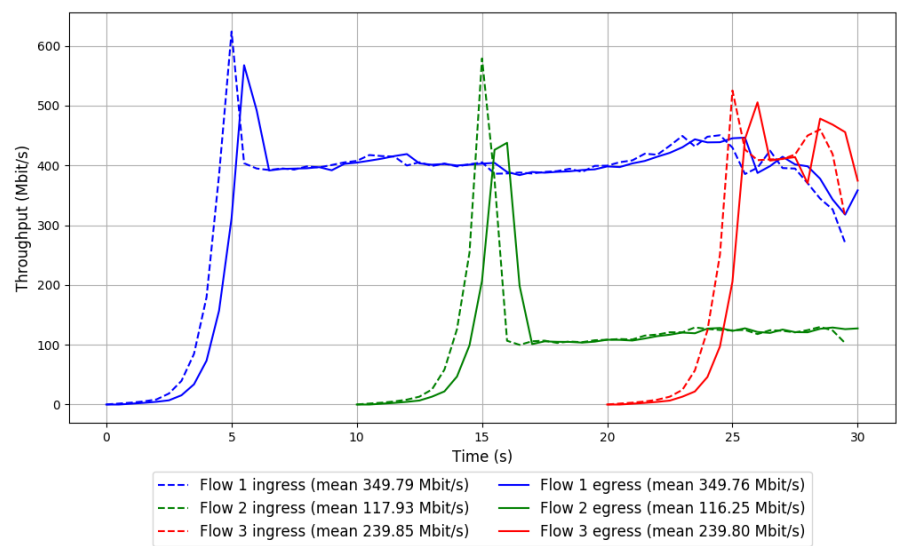


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-10 02:01:29
End at: 2018-07-10 02:01:59
Local clock offset: -0.008 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-07-10 07:08:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 506.14 Mbit/s
95th percentile per-packet one-way delay: 141.309 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 349.76 Mbit/s
95th percentile per-packet one-way delay: 118.978 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 116.25 Mbit/s
95th percentile per-packet one-way delay: 244.837 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 239.80 Mbit/s
95th percentile per-packet one-way delay: 142.360 ms
Loss rate: 0.02%

Run 4: Report of PCC-Vivace — Data Link

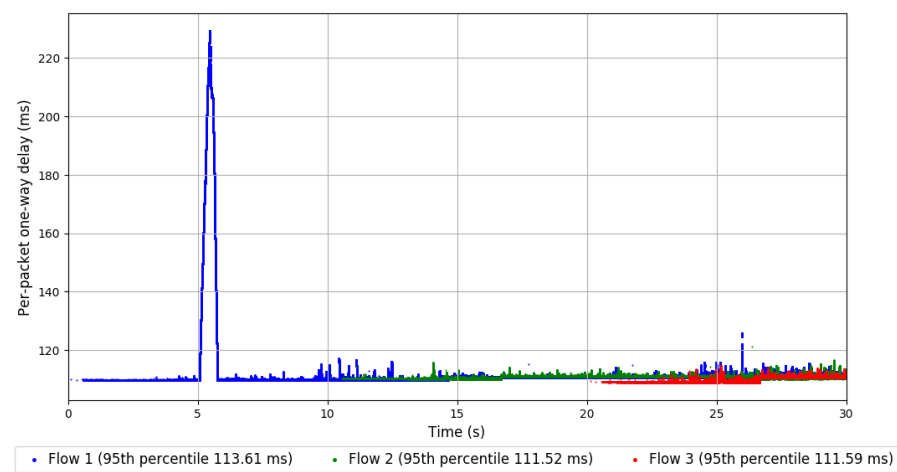
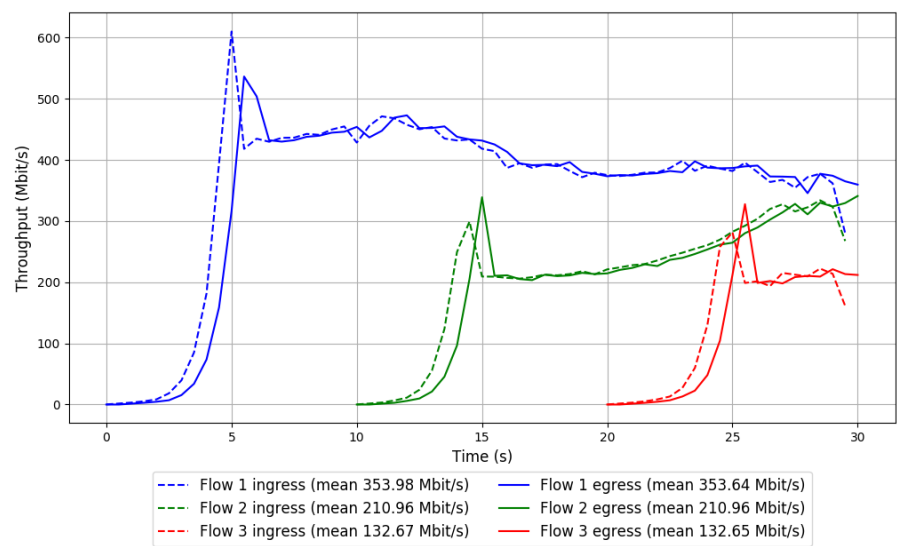


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-10 02:27:32
End at: 2018-07-10 02:28:02
Local clock offset: -0.067 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2018-07-10 07:08:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 537.71 Mbit/s
95th percentile per-packet one-way delay: 112.456 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 353.64 Mbit/s
95th percentile per-packet one-way delay: 113.608 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 210.96 Mbit/s
95th percentile per-packet one-way delay: 111.517 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 132.65 Mbit/s
95th percentile per-packet one-way delay: 111.592 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

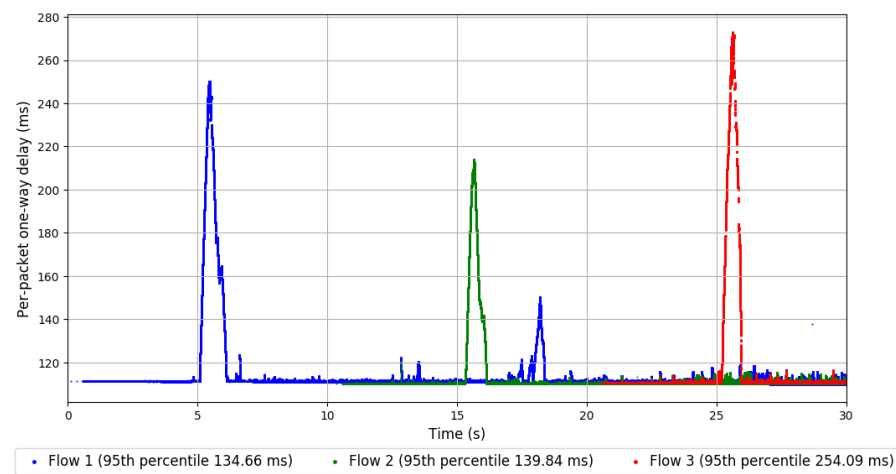
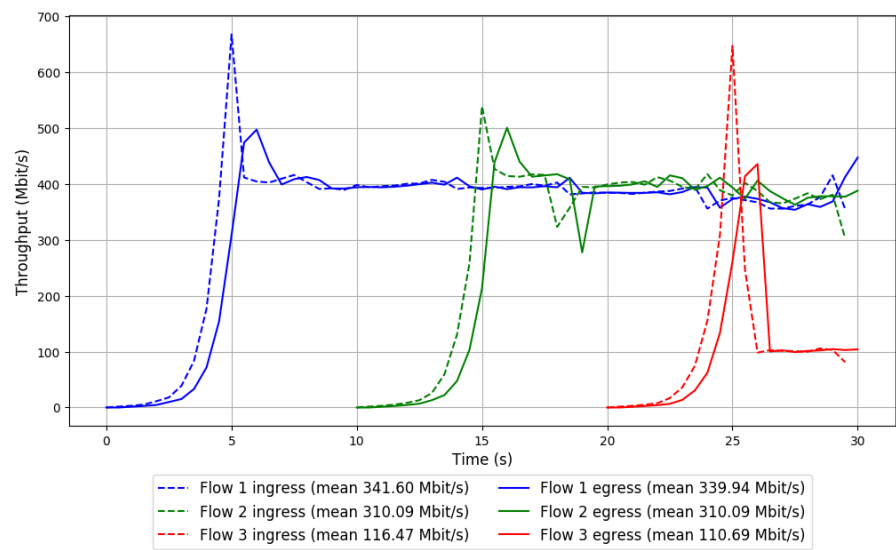


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-10 02:53:31
End at: 2018-07-10 02:54:01
Local clock offset: 0.262 ms
Remote clock offset: -0.436 ms

Below is generated by plot.py at 2018-07-10 07:08:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 582.62 Mbit/s
95th percentile per-packet one-way delay: 156.549 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 339.94 Mbit/s
95th percentile per-packet one-way delay: 134.663 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 310.09 Mbit/s
95th percentile per-packet one-way delay: 139.844 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 110.69 Mbit/s
95th percentile per-packet one-way delay: 254.090 ms
Loss rate: 4.97%

Run 6: Report of PCC-Vivace — Data Link

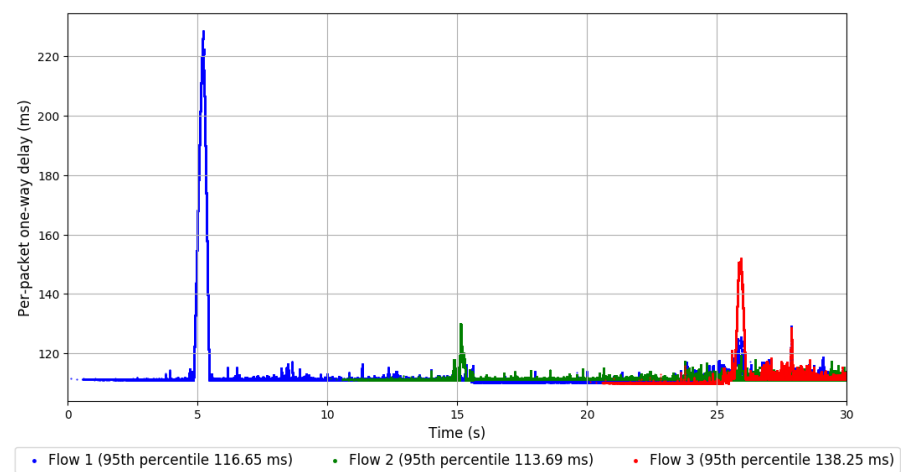
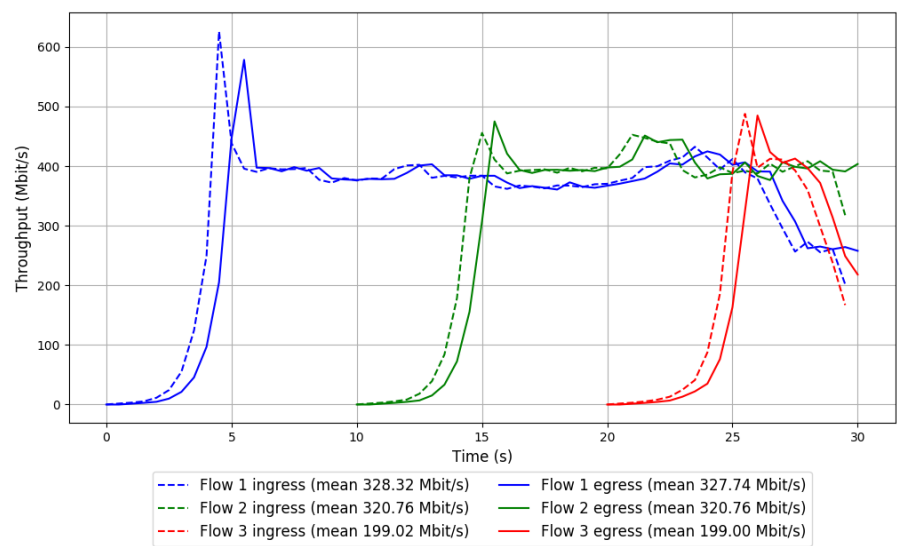


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-10 03:19:03
End at: 2018-07-10 03:19:33
Local clock offset: -0.017 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2018-07-10 07:10:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 606.76 Mbit/s
95th percentile per-packet one-way delay: 116.128 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 327.74 Mbit/s
95th percentile per-packet one-way delay: 116.646 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 320.76 Mbit/s
95th percentile per-packet one-way delay: 113.689 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 199.00 Mbit/s
95th percentile per-packet one-way delay: 138.248 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link

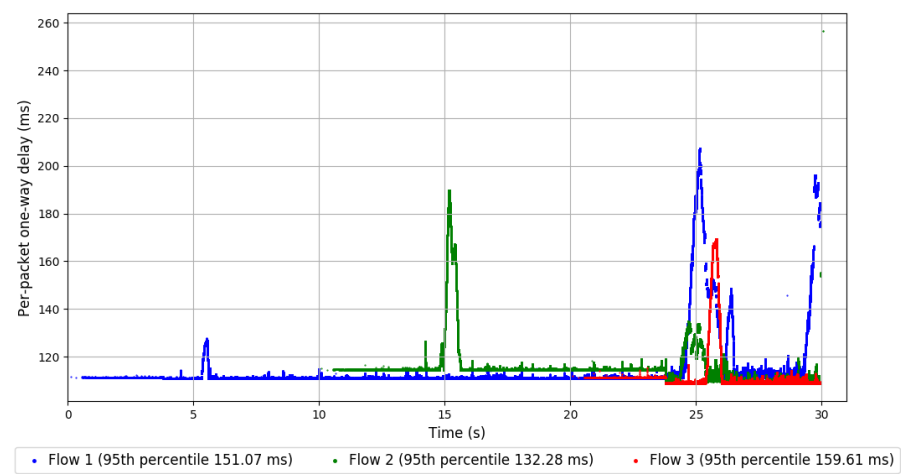
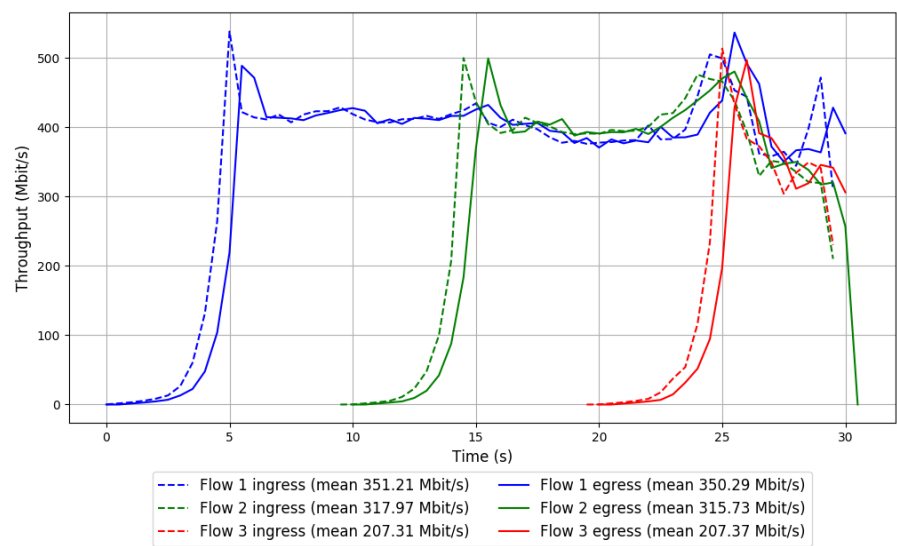


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-10 03:45:04
End at: 2018-07-10 03:45:34
Local clock offset: 0.001 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-07-10 07:10:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 627.92 Mbit/s
95th percentile per-packet one-way delay: 148.246 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 350.29 Mbit/s
95th percentile per-packet one-way delay: 151.071 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 315.73 Mbit/s
95th percentile per-packet one-way delay: 132.284 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 207.37 Mbit/s
95th percentile per-packet one-way delay: 159.613 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

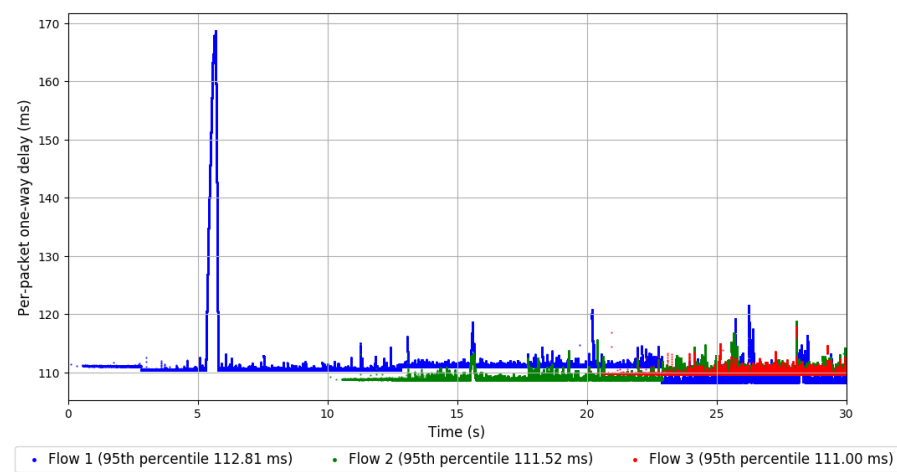
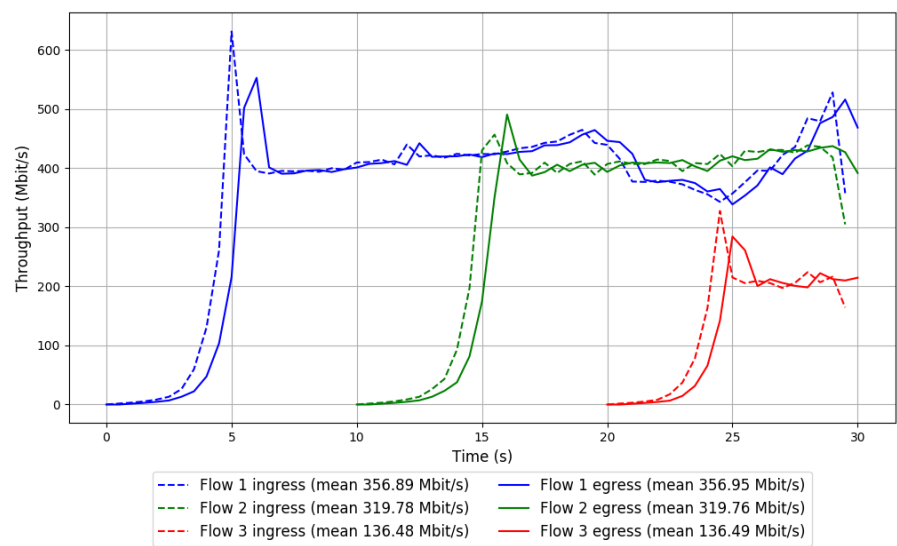


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-10 04:11:15
End at: 2018-07-10 04:11:45
Local clock offset: 1.033 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-07-10 07:11:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 614.60 Mbit/s
95th percentile per-packet one-way delay: 111.967 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 356.95 Mbit/s
95th percentile per-packet one-way delay: 112.808 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 319.76 Mbit/s
95th percentile per-packet one-way delay: 111.515 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 136.49 Mbit/s
95th percentile per-packet one-way delay: 110.996 ms
Loss rate: 0.01%

Run 9: Report of PCC-Vivace — Data Link

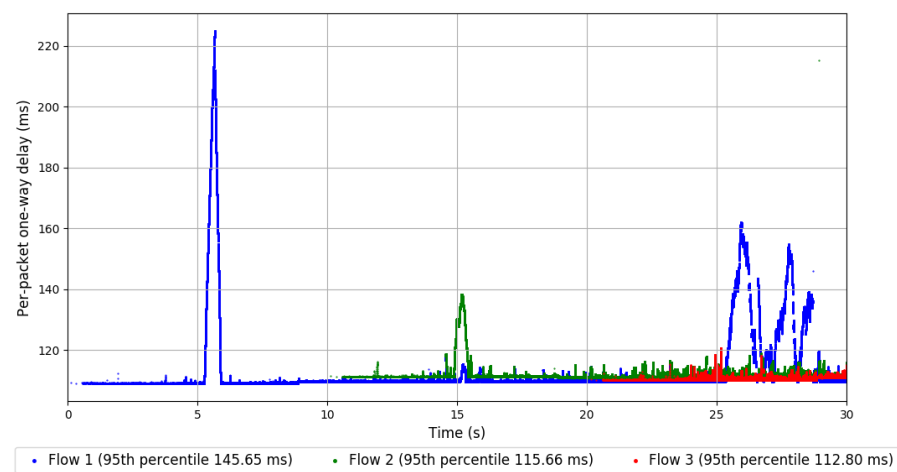
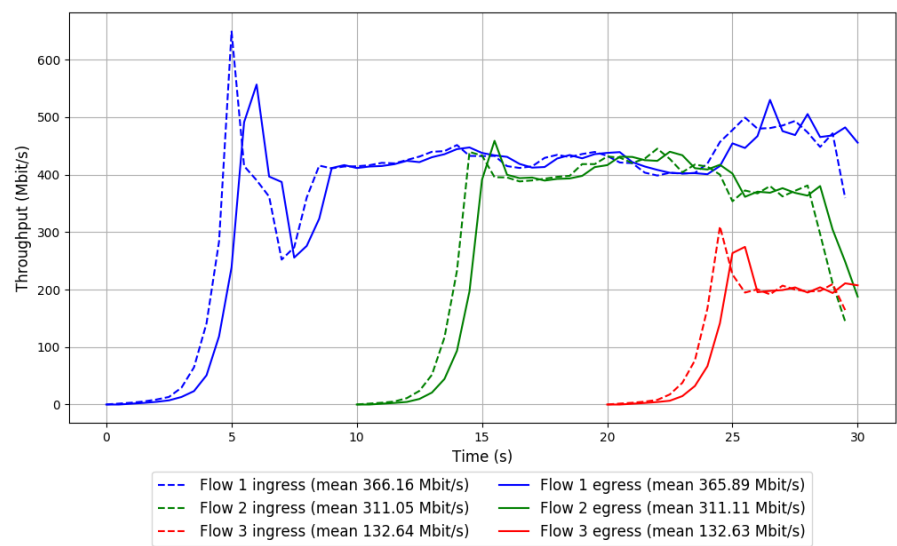


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-10 04:37:09
End at: 2018-07-10 04:37:39
Local clock offset: 0.083 ms
Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 616.51 Mbit/s
95th percentile per-packet one-way delay: 135.712 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 365.89 Mbit/s
95th percentile per-packet one-way delay: 145.653 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 311.11 Mbit/s
95th percentile per-packet one-way delay: 115.660 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 132.63 Mbit/s
95th percentile per-packet one-way delay: 112.800 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-07-10 00:51:08

End at: 2018-07-10 00:51:38

Local clock offset: -0.082 ms

Remote clock offset: 0.329 ms

Below is generated by plot.py at 2018-07-10 07:11:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.88 Mbit/s

95th percentile per-packet one-way delay: 112.015 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 112.043 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 111.712 ms

Loss rate: 0.00%

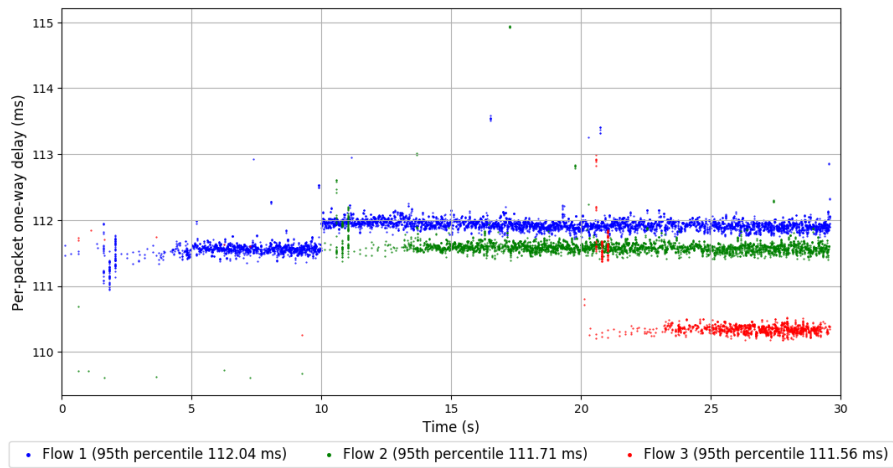
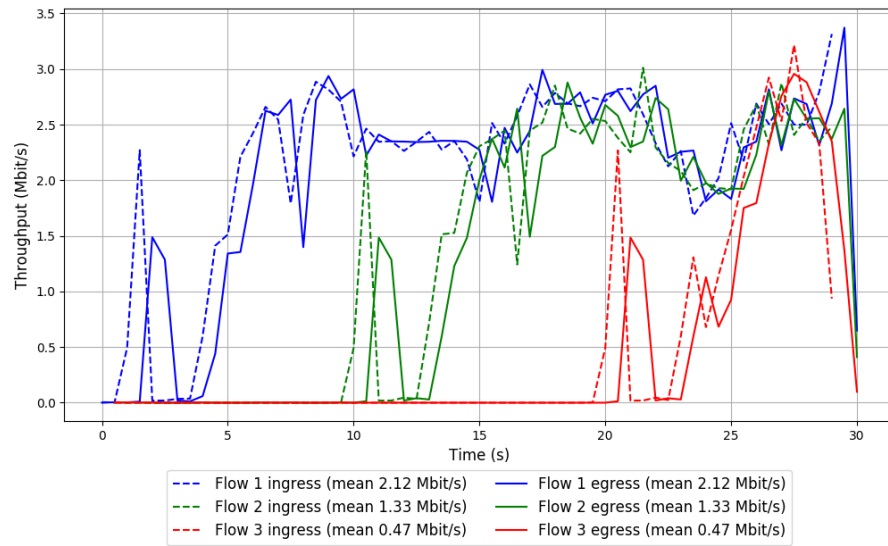
-- Flow 3:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 111.555 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

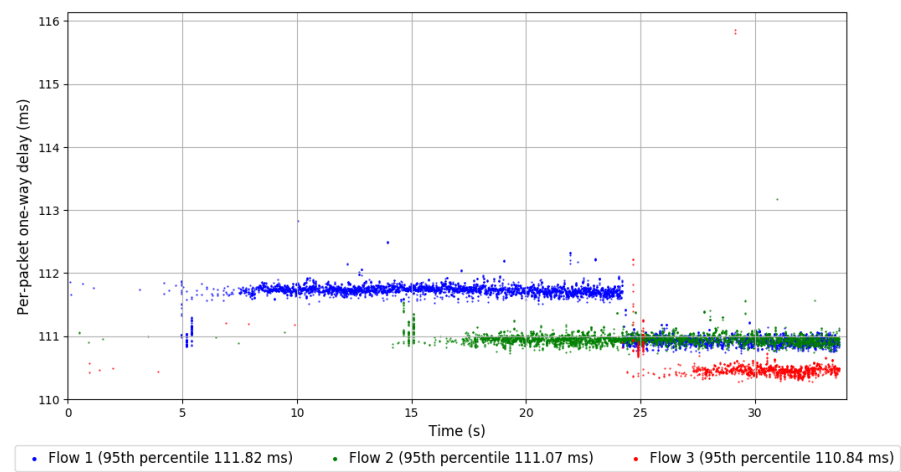
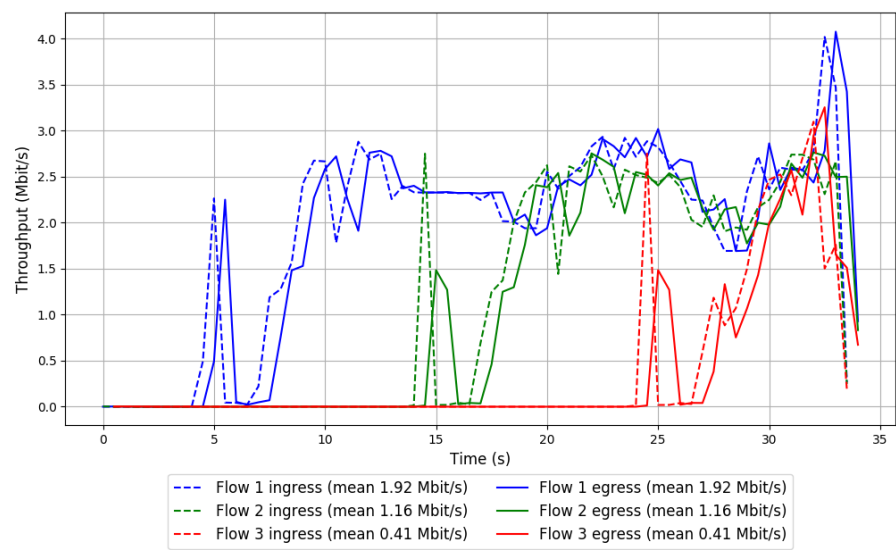


Run 2: Statistics of WebRTC media

Start at: 2018-07-10 01:17:08
End at: 2018-07-10 01:17:38
Local clock offset: -0.073 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 111.792 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 111.819 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 111.072 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 110.836 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

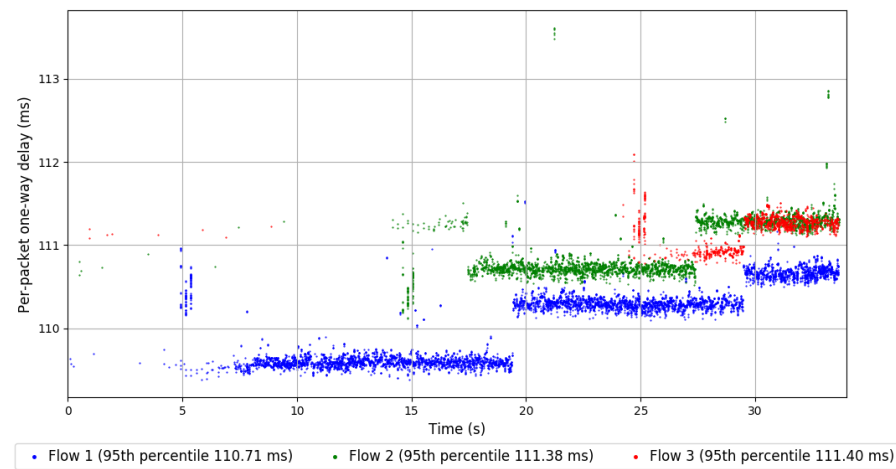
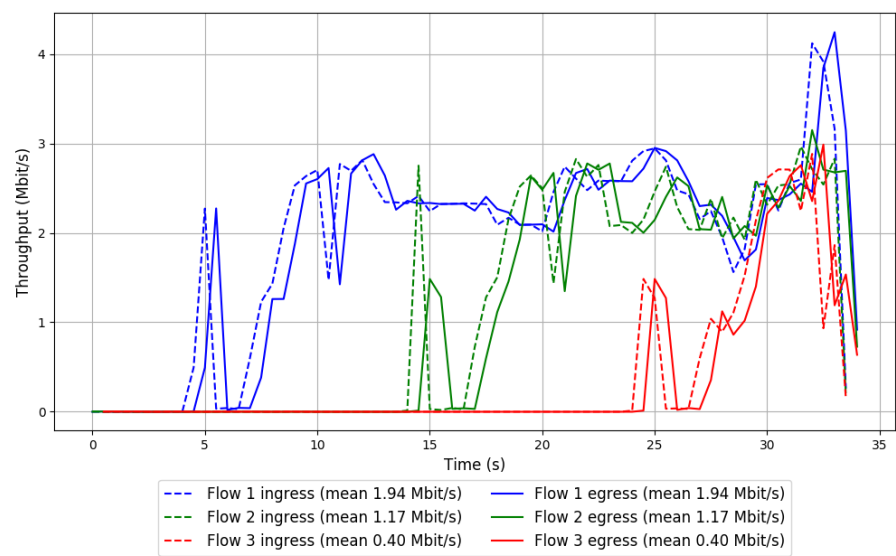


Run 3: Statistics of WebRTC media

Start at: 2018-07-10 01:43:12
End at: 2018-07-10 01:43:43
Local clock offset: -0.393 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 111.334 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 110.714 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 111.375 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 111.398 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

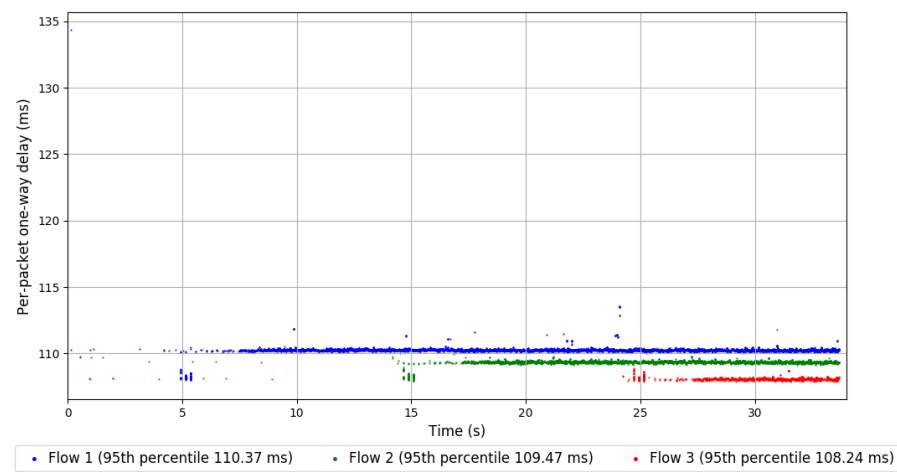
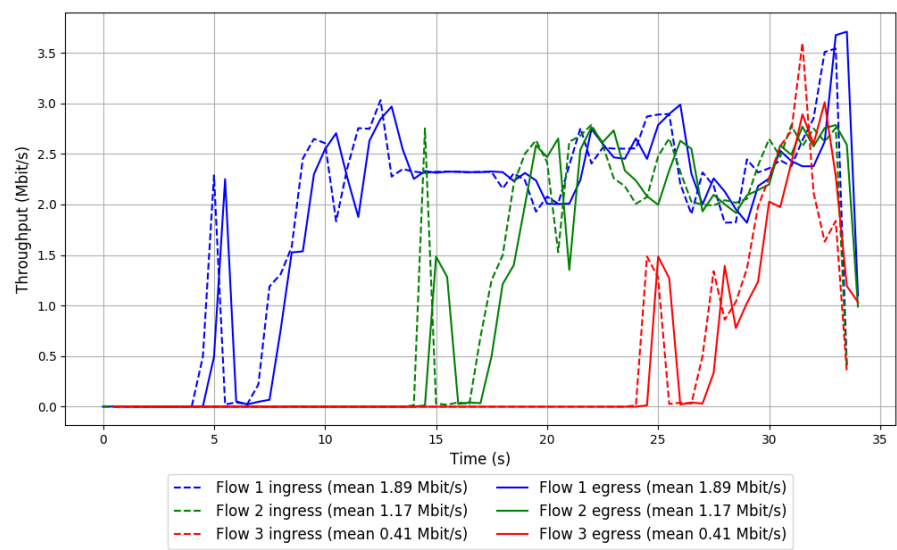


Run 4: Statistics of WebRTC media

Start at: 2018-07-10 02:08:59
End at: 2018-07-10 02:09:29
Local clock offset: 1.068 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 110.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 110.373 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 109.471 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 108.240 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-07-10 02:35:15

End at: 2018-07-10 02:35:45

Local clock offset: -0.22 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-07-10 07:11:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.49 Mbit/s

95th percentile per-packet one-way delay: 112.160 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.91 Mbit/s

95th percentile per-packet one-way delay: 110.854 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.19 Mbit/s

95th percentile per-packet one-way delay: 110.766 ms

Loss rate: 0.00%

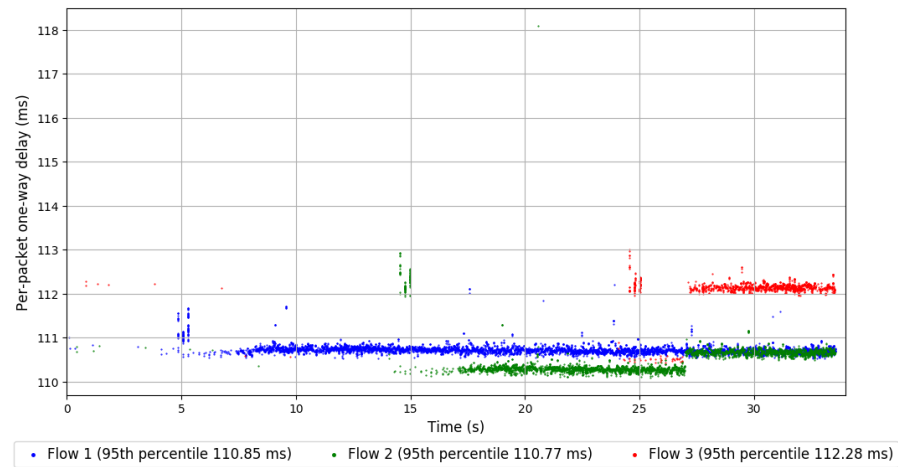
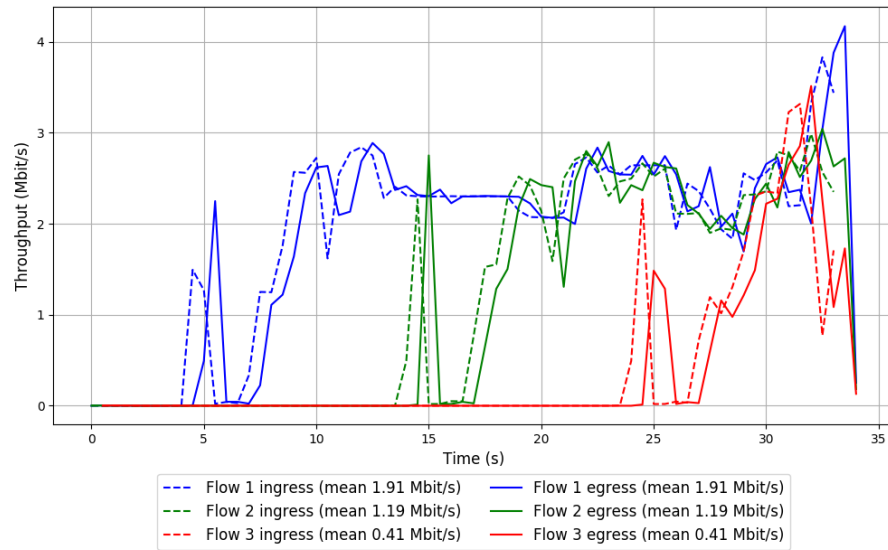
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 112.283 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

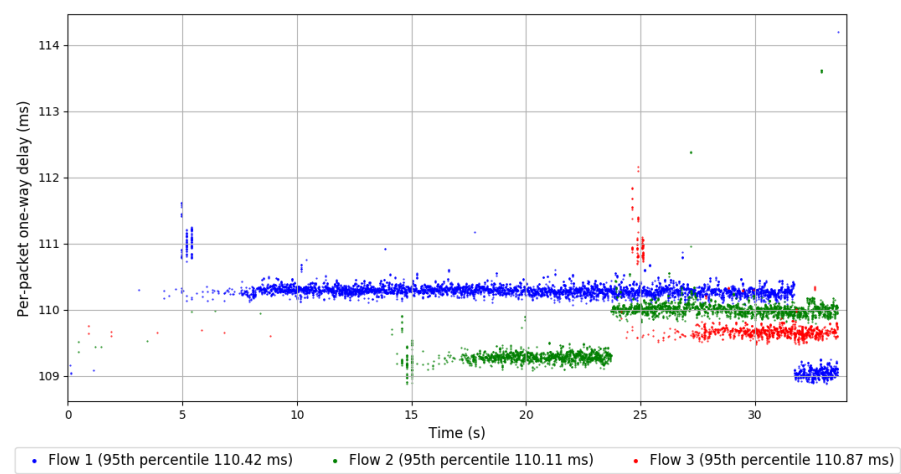
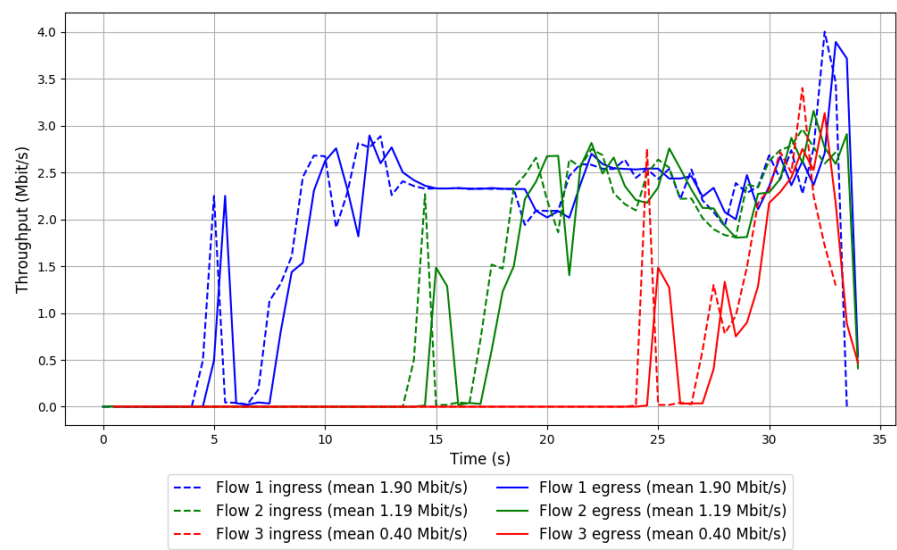


Run 6: Statistics of WebRTC media

Start at: 2018-07-10 03:01:08
End at: 2018-07-10 03:01:38
Local clock offset: 1.111 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 110.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 110.421 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 110.115 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 110.868 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

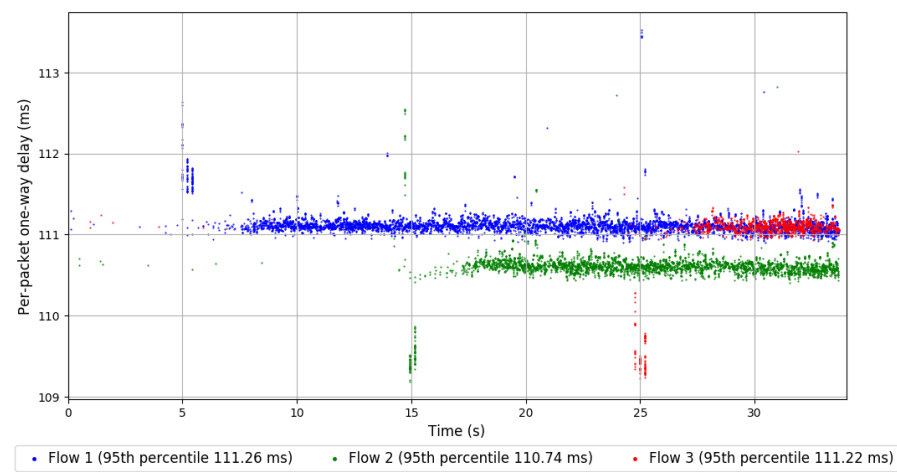
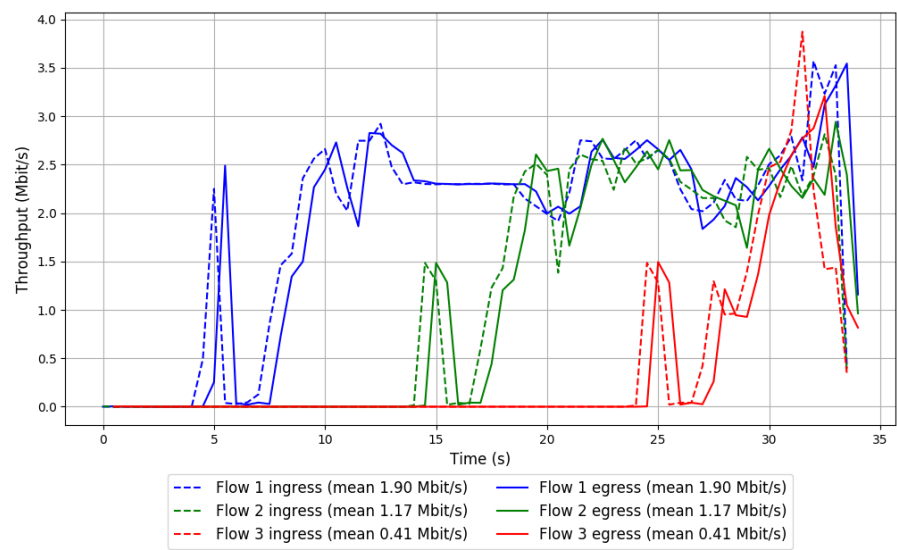


Run 7: Statistics of WebRTC media

Start at: 2018-07-10 03:26:47
End at: 2018-07-10 03:27:17
Local clock offset: -0.187 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 111.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 111.258 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 110.739 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 111.216 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

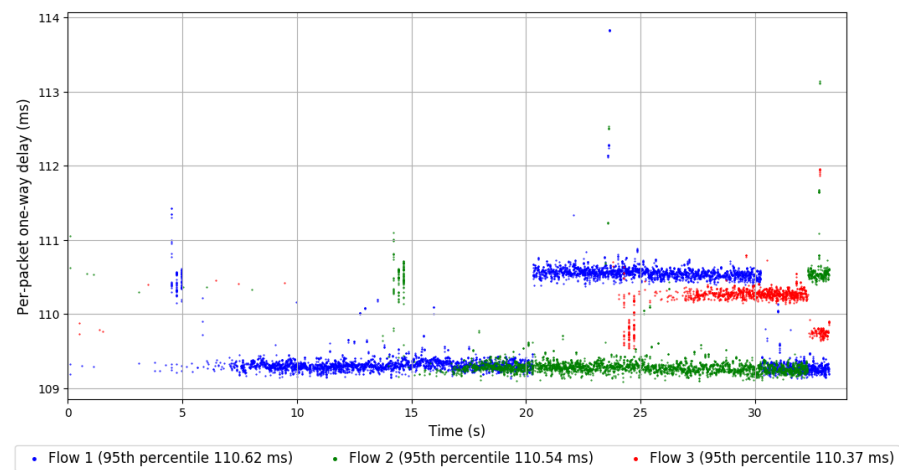
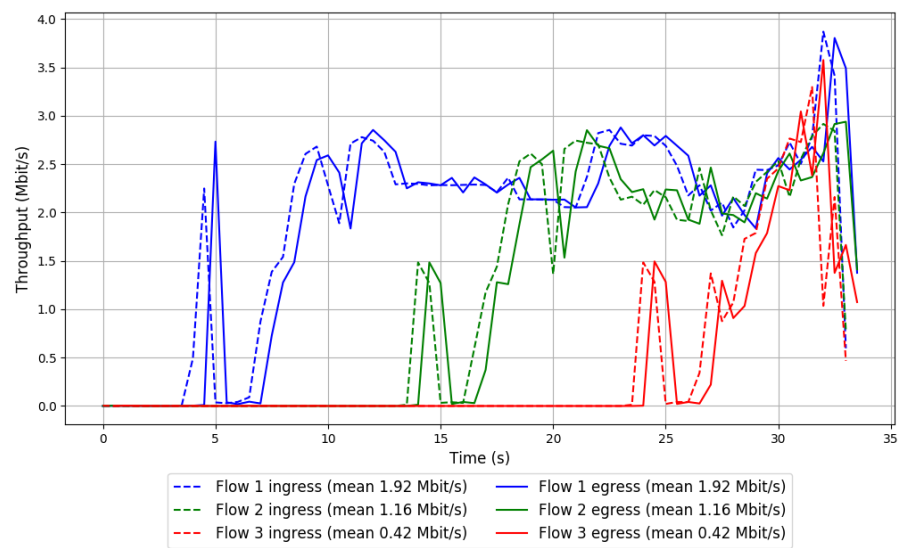


Run 8: Statistics of WebRTC media

Start at: 2018-07-10 03:52:49
End at: 2018-07-10 03:53:19
Local clock offset: 1.066 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 110.604 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 110.624 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.16 Mbit/s
95th percentile per-packet one-way delay: 110.542 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 110.369 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

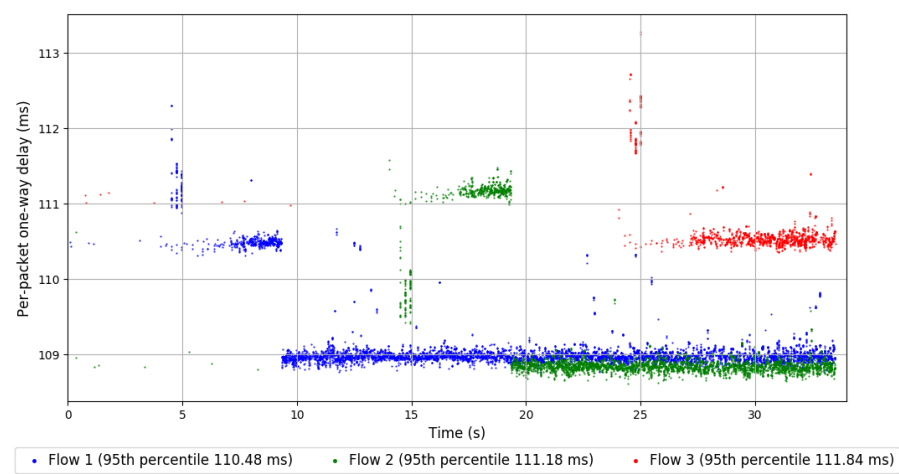
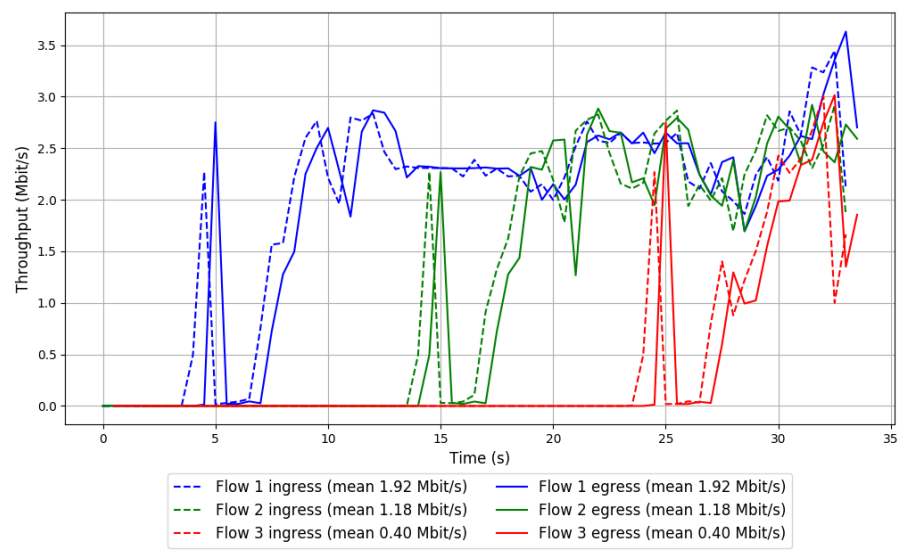


Run 9: Statistics of WebRTC media

Start at: 2018-07-10 04:19:02
End at: 2018-07-10 04:19:32
Local clock offset: -0.018 ms
Remote clock offset: -0.493 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 111.067 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 110.484 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 111.179 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 111.836 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-10 04:44:59
End at: 2018-07-10 04:45:29
Local clock offset: -1.41 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-10 07:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 112.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 111.704 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 112.434 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 112.446 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

