

Pantheon Report

Generated at 2018-07-12 10:52:31 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

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

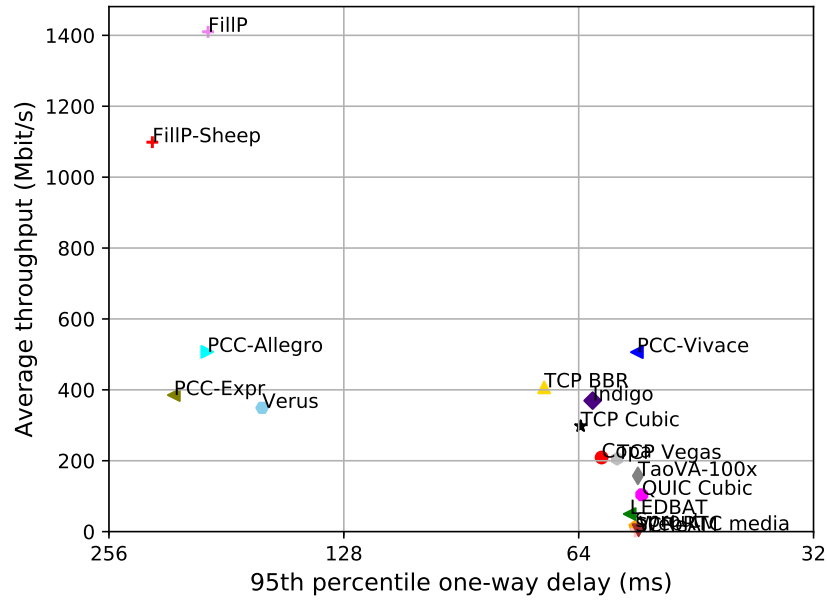
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

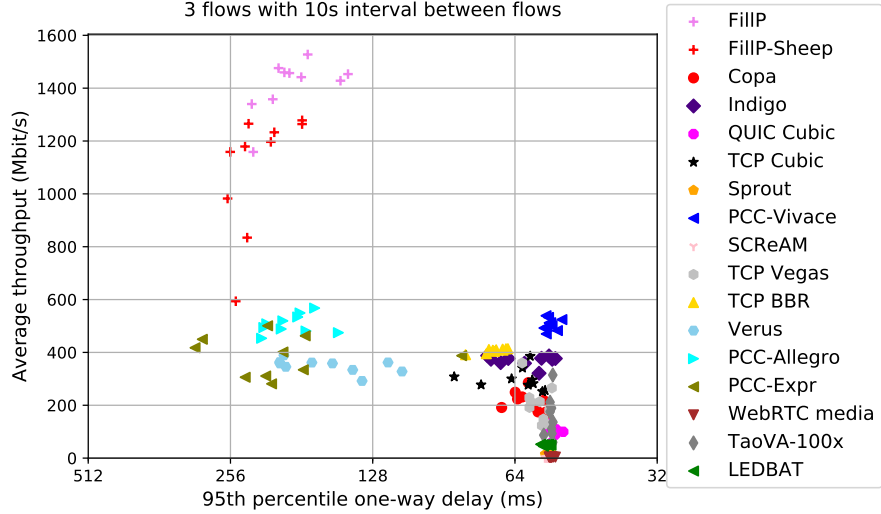
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



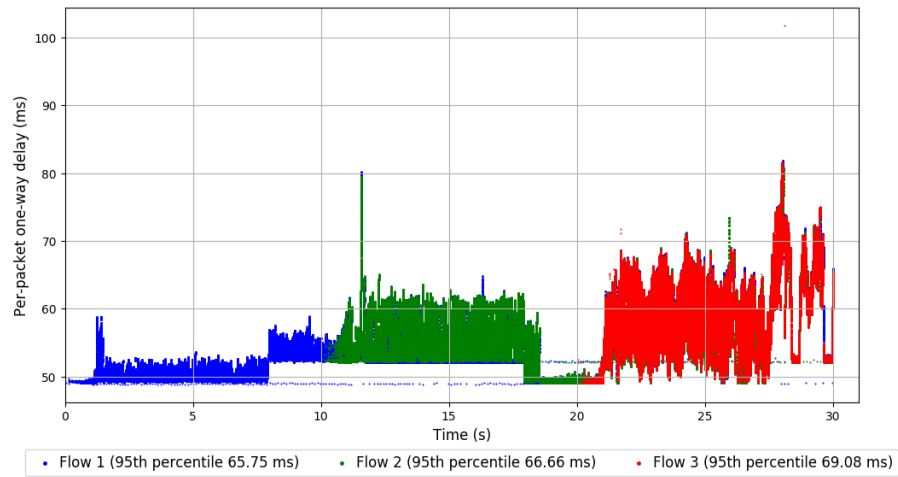
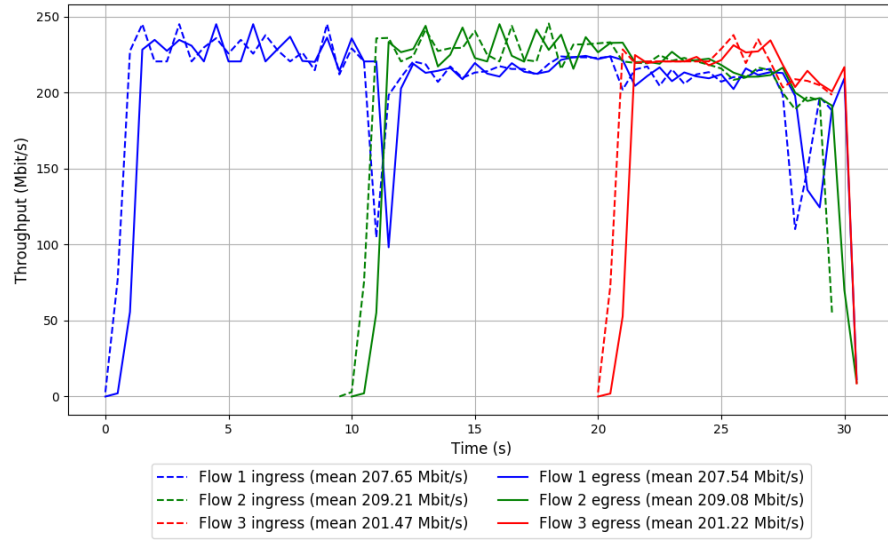
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	207.95	202.97	191.81	69.58	70.82	72.87	0.00	0.00	0.00
Copa	10	120.21	96.44	80.19	57.76	59.67	63.10	0.00	0.01	0.00
TCP Cubic	10	168.45	135.99	115.82	62.76	63.37	64.42	0.00	0.03	0.05
FillP	10	741.36	691.26	629.20	194.42	172.93	144.60	2.34	1.66	1.42
FillP-Sheep	10	518.33	605.32	536.29	232.29	206.59	120.07	2.18	3.35	1.50
Indigo	10	199.64	183.22	148.79	60.16	61.77	63.81	0.00	0.01	0.02
LEDBAT	10	32.44	21.10	9.85	55.12	54.71	54.97	0.01	0.00	0.03
PCC-Allegro	10	467.01	46.28	28.44	191.56	189.02	169.29	4.03	4.64	4.81
PCC-Expr	10	264.45	149.91	63.32	203.14	172.53	165.59	7.72	5.19	7.00
QUIC Cubic	10	59.41	46.70	41.60	52.57	51.93	52.42	0.00	0.00	0.01
SCReAM	10	0.21	0.21	0.22	53.50	53.86	52.21	0.00	0.04	0.00
Sprout	10	6.94	7.05	6.30	54.21	54.14	53.27	0.00	0.00	0.00
TaoVA-100x	10	58.54	115.58	116.10	53.42	53.68	54.22	0.00	0.00	0.00
TCP Vegas	10	109.77	104.30	79.08	56.78	56.96	56.66	0.00	0.01	0.03
Verus	10	222.45	146.42	91.51	156.32	146.10	193.96	0.91	0.88	3.89
PCC-Vivace	10	305.39	248.43	108.20	59.40	52.98	52.69	0.01	0.01	0.01
WebRTC media	10	2.07	1.33	0.54	52.91	52.97	53.22	0.01	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-12 03:58:44
End at: 2018-07-12 03:59:14
Local clock offset: -0.091 ms
Remote clock offset: -1.546 ms

Below is generated by plot.py at 2018-07-12 08:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 413.79 Mbit/s
95th percentile per-packet one-way delay: 66.862 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.54 Mbit/s
95th percentile per-packet one-way delay: 65.753 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 209.08 Mbit/s
95th percentile per-packet one-way delay: 66.656 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 201.22 Mbit/s
95th percentile per-packet one-way delay: 69.084 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

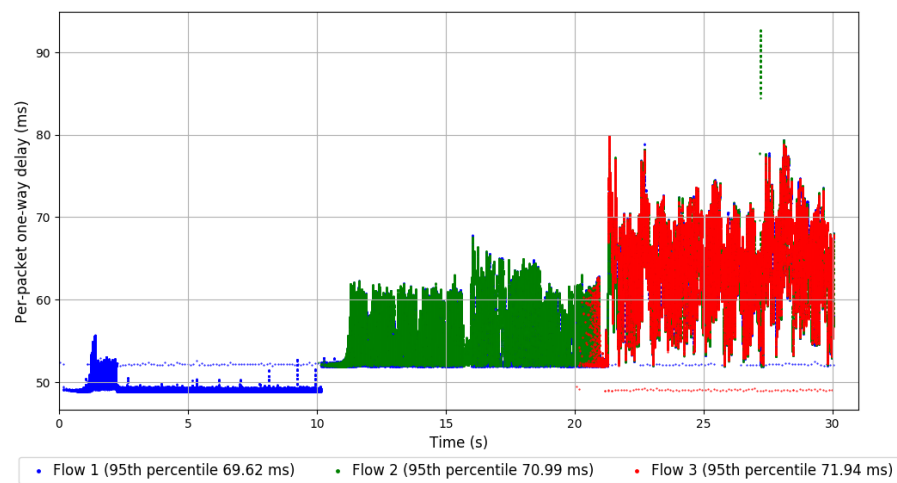
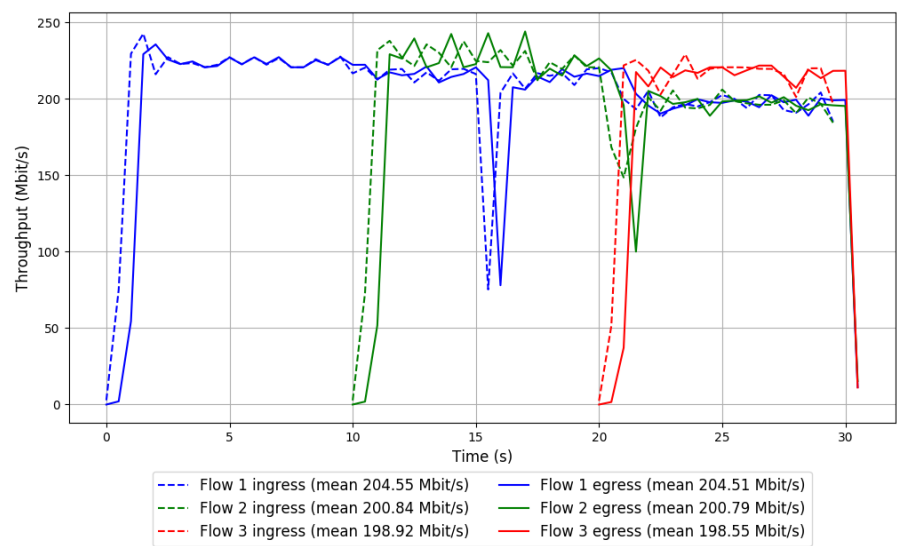


Run 2: Statistics of TCP BBR

Start at: 2018-07-12 04:23:32
End at: 2018-07-12 04:24:02
Local clock offset: 0.088 ms
Remote clock offset: -1.556 ms

Below is generated by plot.py at 2018-07-12 08:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 404.23 Mbit/s
95th percentile per-packet one-way delay: 70.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.51 Mbit/s
95th percentile per-packet one-way delay: 69.621 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 200.79 Mbit/s
95th percentile per-packet one-way delay: 70.992 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 198.55 Mbit/s
95th percentile per-packet one-way delay: 71.940 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

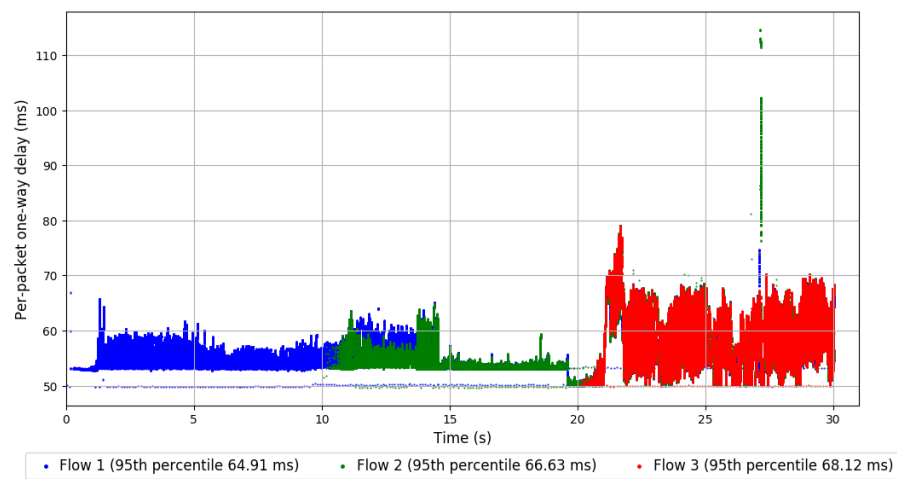
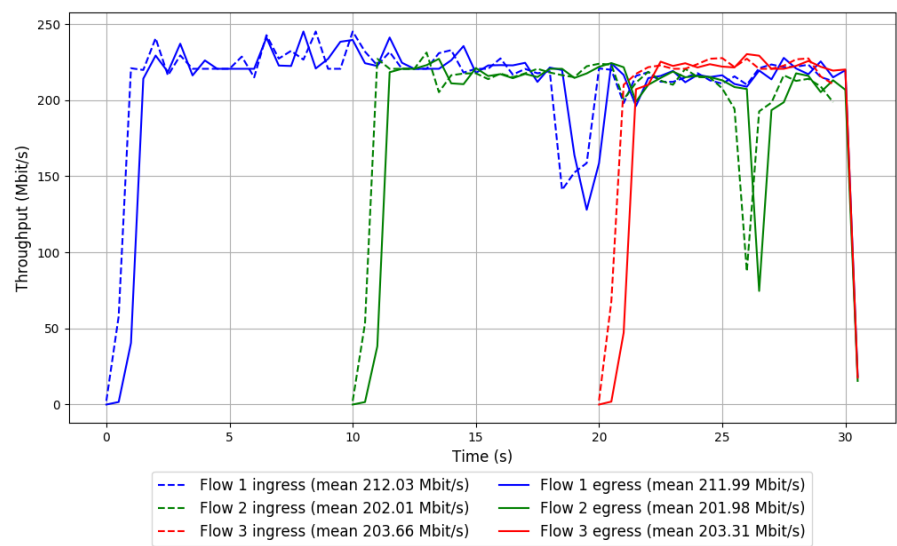


Run 3: Statistics of TCP BBR

Start at: 2018-07-12 04:47:43
End at: 2018-07-12 04:48:13
Local clock offset: -0.093 ms
Remote clock offset: -0.527 ms

Below is generated by plot.py at 2018-07-12 08:19:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 414.14 Mbit/s
95th percentile per-packet one-way delay: 66.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.99 Mbit/s
95th percentile per-packet one-way delay: 64.905 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 201.98 Mbit/s
95th percentile per-packet one-way delay: 66.627 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 203.31 Mbit/s
95th percentile per-packet one-way delay: 68.119 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

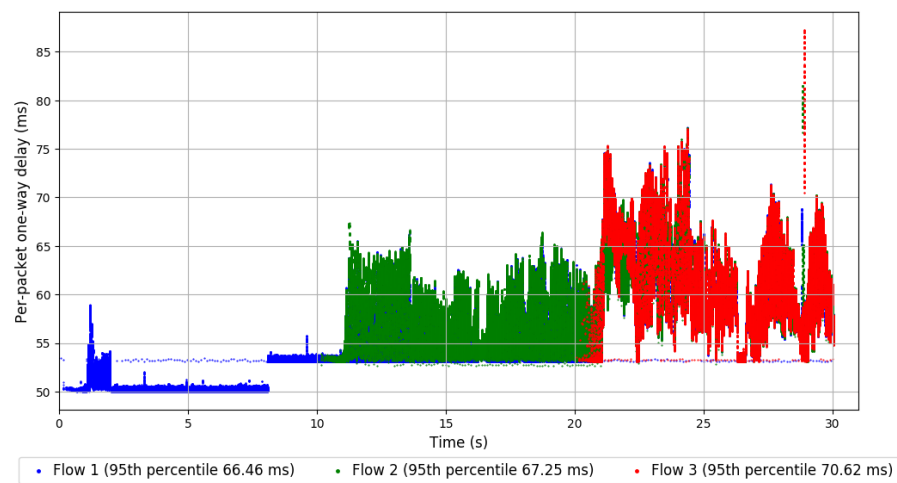
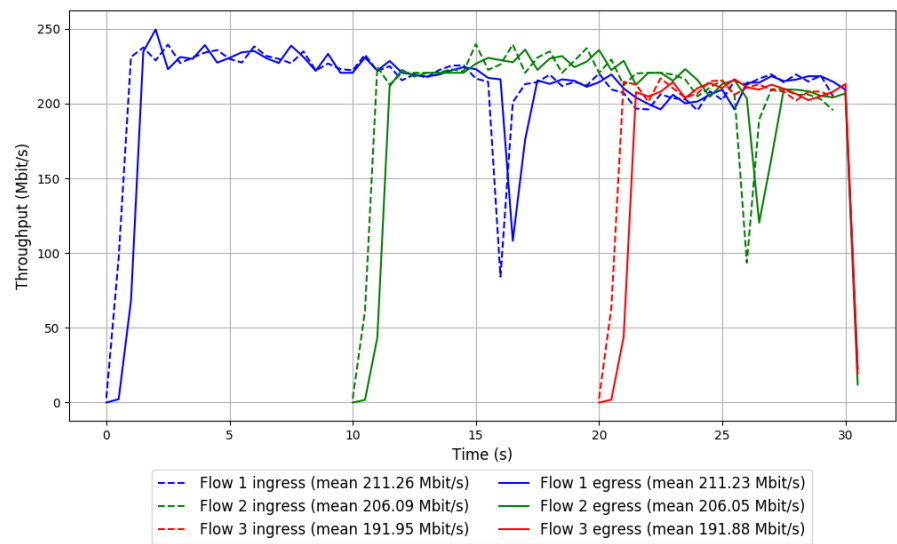


Run 4: Statistics of TCP BBR

Start at: 2018-07-12 05:12:44
End at: 2018-07-12 05:13:14
Local clock offset: 0.066 ms
Remote clock offset: -0.357 ms

Below is generated by plot.py at 2018-07-12 08:19:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 412.39 Mbit/s
95th percentile per-packet one-way delay: 67.971 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.23 Mbit/s
95th percentile per-packet one-way delay: 66.463 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 206.05 Mbit/s
95th percentile per-packet one-way delay: 67.247 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 191.88 Mbit/s
95th percentile per-packet one-way delay: 70.625 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

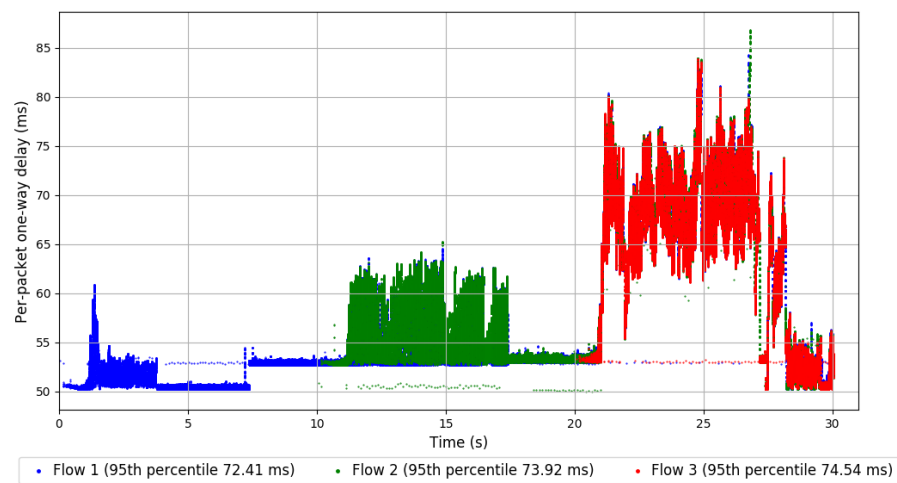
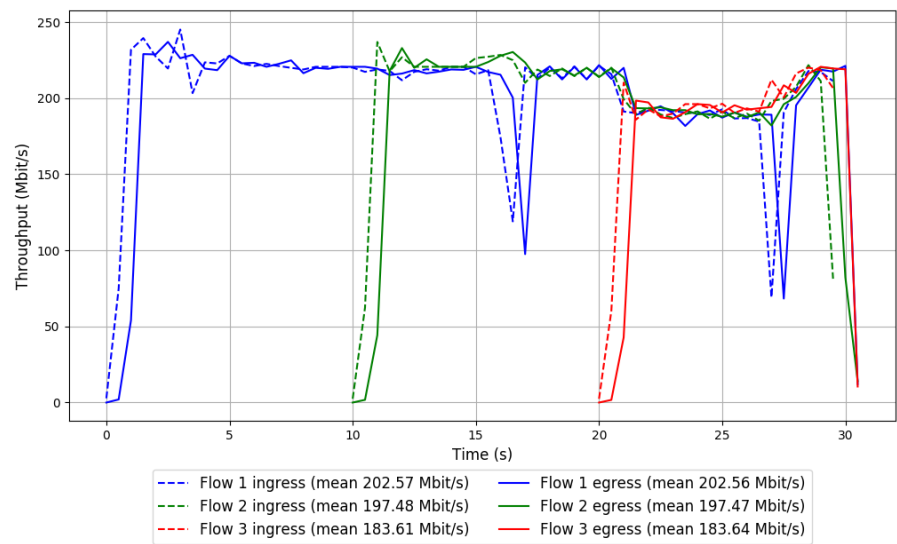


Run 5: Statistics of TCP BBR

Start at: 2018-07-12 05:37:25
End at: 2018-07-12 05:37:55
Local clock offset: -0.068 ms
Remote clock offset: -0.276 ms

Below is generated by plot.py at 2018-07-12 08:19:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 395.08 Mbit/s
95th percentile per-packet one-way delay: 73.567 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.56 Mbit/s
95th percentile per-packet one-way delay: 72.409 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 197.47 Mbit/s
95th percentile per-packet one-way delay: 73.921 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 183.64 Mbit/s
95th percentile per-packet one-way delay: 74.538 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

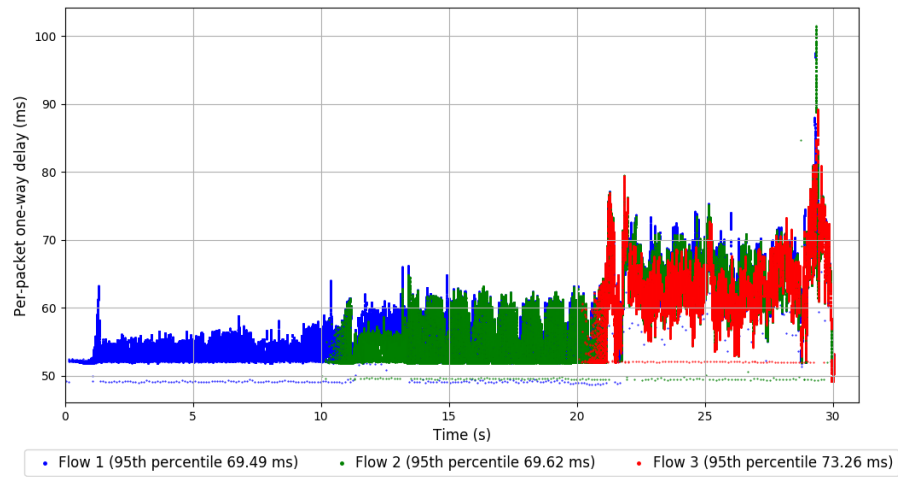
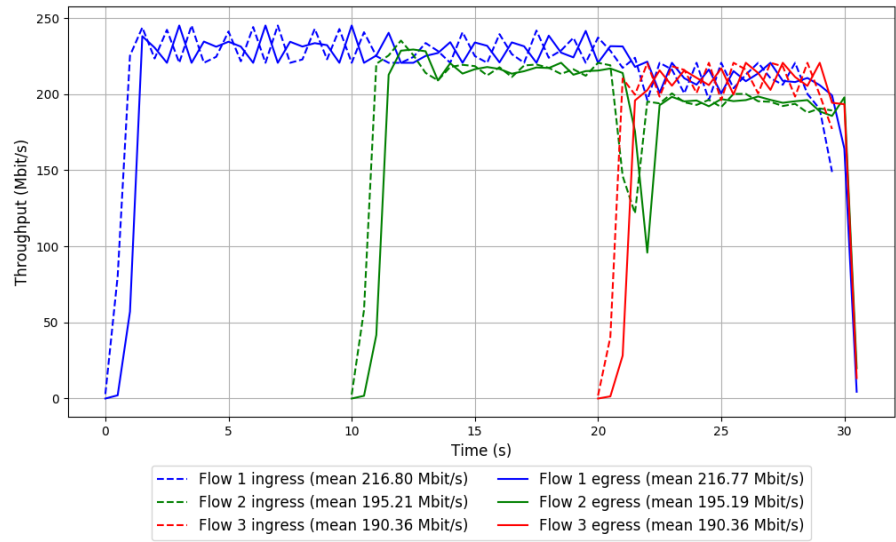


Run 6: Statistics of TCP BBR

Start at: 2018-07-12 06:01:53
End at: 2018-07-12 06:02:23
Local clock offset: -0.219 ms
Remote clock offset: -1.486 ms

Below is generated by plot.py at 2018-07-12 08:19:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 410.06 Mbit/s
95th percentile per-packet one-way delay: 70.139 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 216.77 Mbit/s
95th percentile per-packet one-way delay: 69.492 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 195.19 Mbit/s
95th percentile per-packet one-way delay: 69.621 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 190.36 Mbit/s
95th percentile per-packet one-way delay: 73.264 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

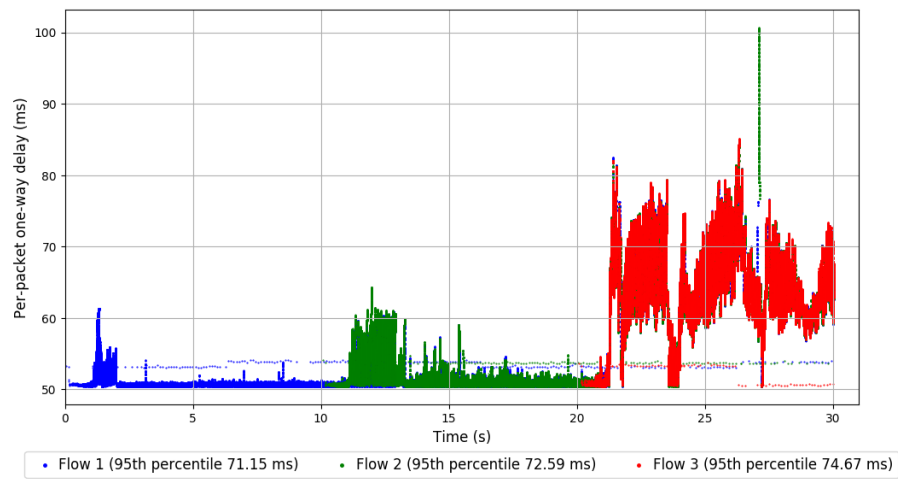
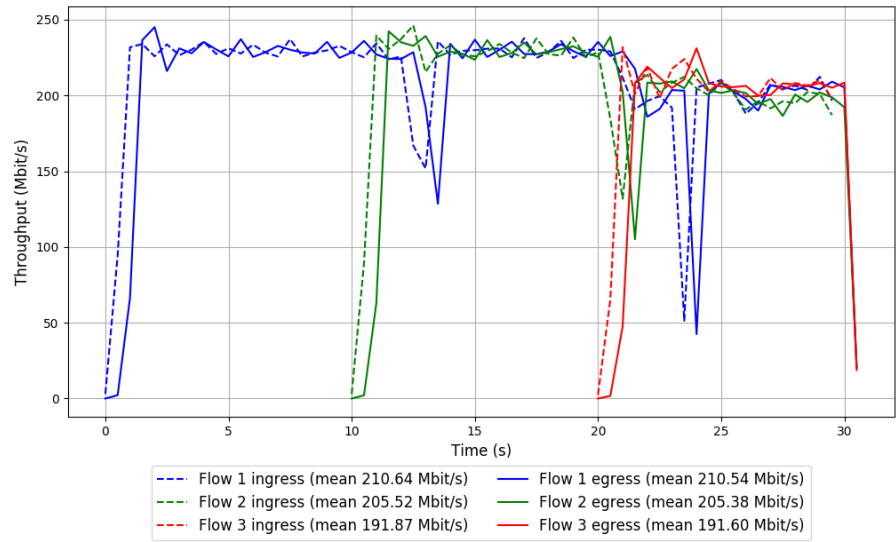


Run 7: Statistics of TCP BBR

Start at: 2018-07-12 06:26:36
End at: 2018-07-12 06:27:06
Local clock offset: 0.017 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2018-07-12 08:19:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 411.11 Mbit/s
95th percentile per-packet one-way delay: 72.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 210.54 Mbit/s
95th percentile per-packet one-way delay: 71.147 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 205.38 Mbit/s
95th percentile per-packet one-way delay: 72.590 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 191.60 Mbit/s
95th percentile per-packet one-way delay: 74.671 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

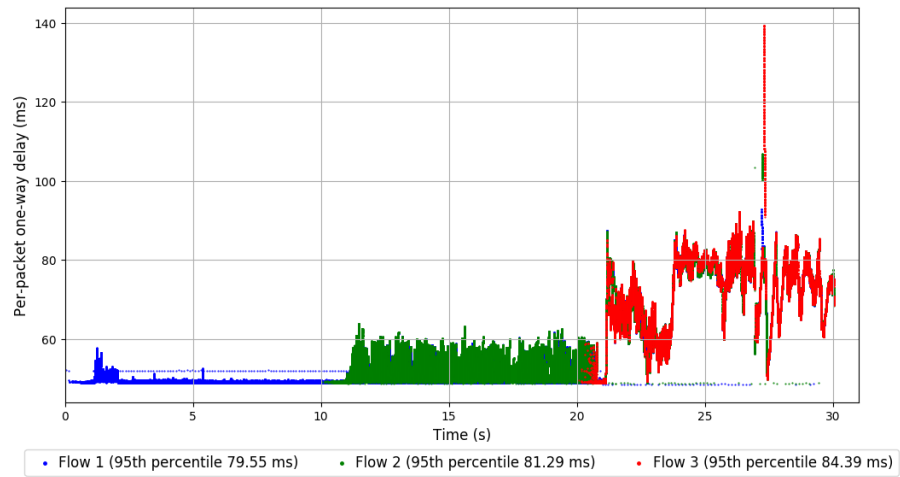
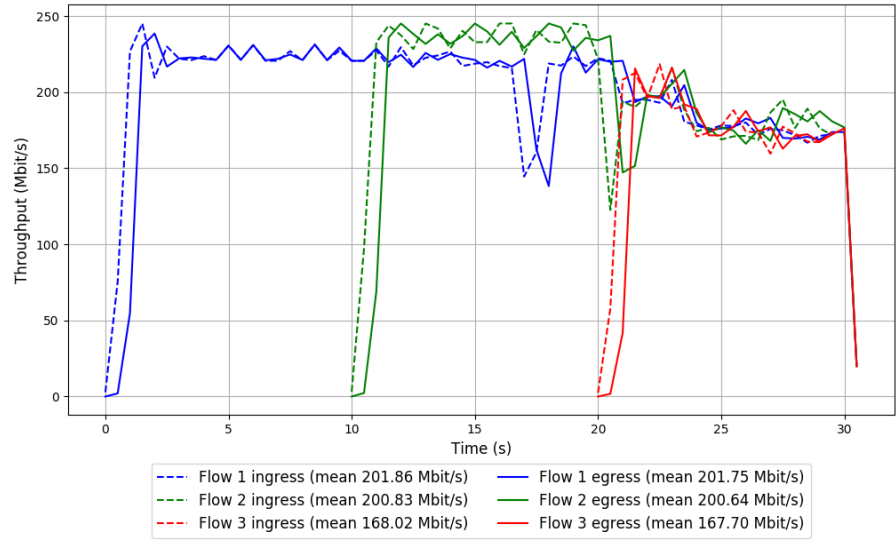


Run 8: Statistics of TCP BBR

Start at: 2018-07-12 06:51:41
End at: 2018-07-12 06:52:11
Local clock offset: 0.047 ms
Remote clock offset: -1.451 ms

Below is generated by plot.py at 2018-07-12 08:19:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 391.35 Mbit/s
95th percentile per-packet one-way delay: 81.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 201.75 Mbit/s
95th percentile per-packet one-way delay: 79.546 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 200.64 Mbit/s
95th percentile per-packet one-way delay: 81.294 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 167.70 Mbit/s
95th percentile per-packet one-way delay: 84.392 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-07-12 07:16:17

End at: 2018-07-12 07:16:47

Local clock offset: -0.304 ms

Remote clock offset: 0.048 ms

Below is generated by plot.py at 2018-07-12 08:25:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 408.53 Mbit/s

95th percentile per-packet one-way delay: 67.826 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 206.42 Mbit/s

95th percentile per-packet one-way delay: 66.589 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 205.81 Mbit/s

95th percentile per-packet one-way delay: 68.108 ms

Loss rate: 0.02%

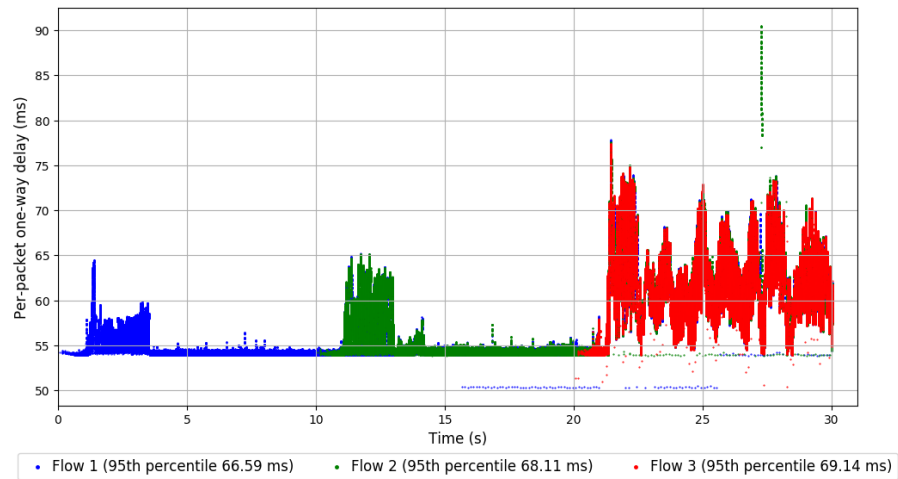
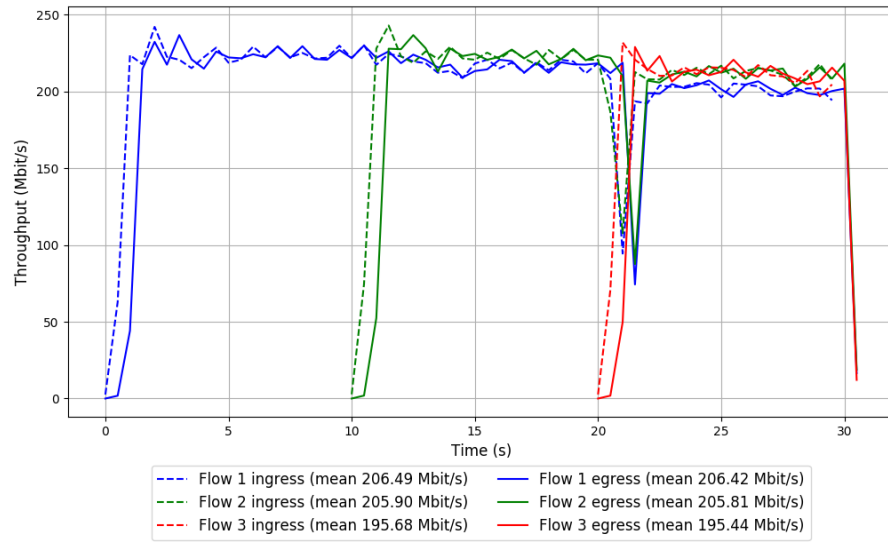
-- Flow 3:

Average throughput: 195.44 Mbit/s

95th percentile per-packet one-way delay: 69.145 ms

Loss rate: 0.03%

Run 9: Report of TCP BBR — Data Link

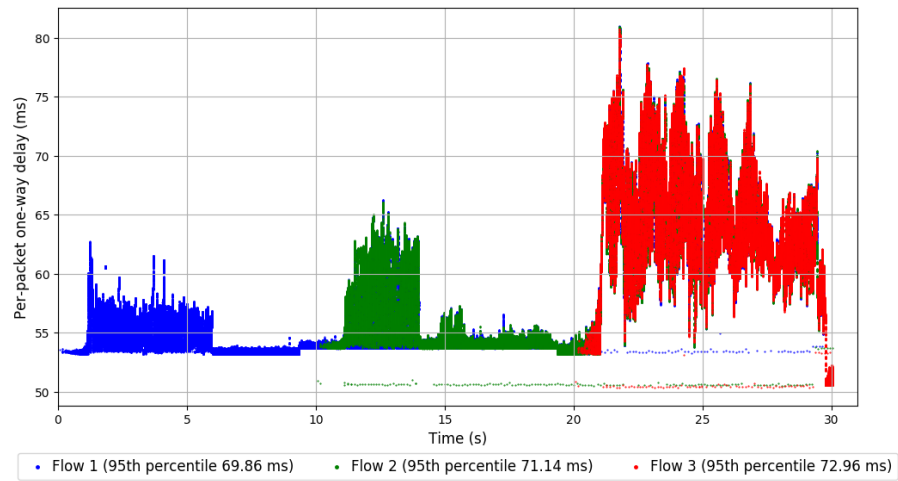
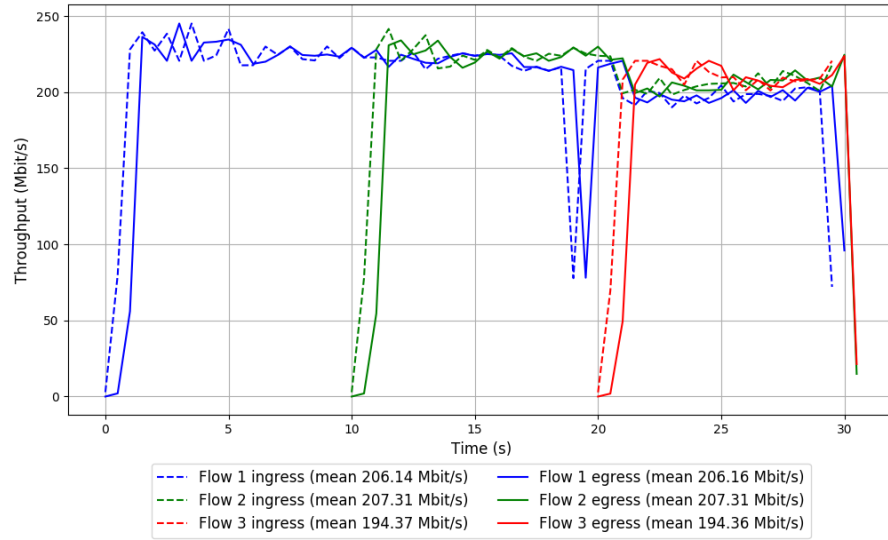


Run 10: Statistics of TCP BBR

Start at: 2018-07-12 07:40:43
End at: 2018-07-12 07:41:13
Local clock offset: -0.165 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-07-12 08:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 408.34 Mbit/s
95th percentile per-packet one-way delay: 71.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.16 Mbit/s
95th percentile per-packet one-way delay: 69.865 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 207.31 Mbit/s
95th percentile per-packet one-way delay: 71.143 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 194.36 Mbit/s
95th percentile per-packet one-way delay: 72.959 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

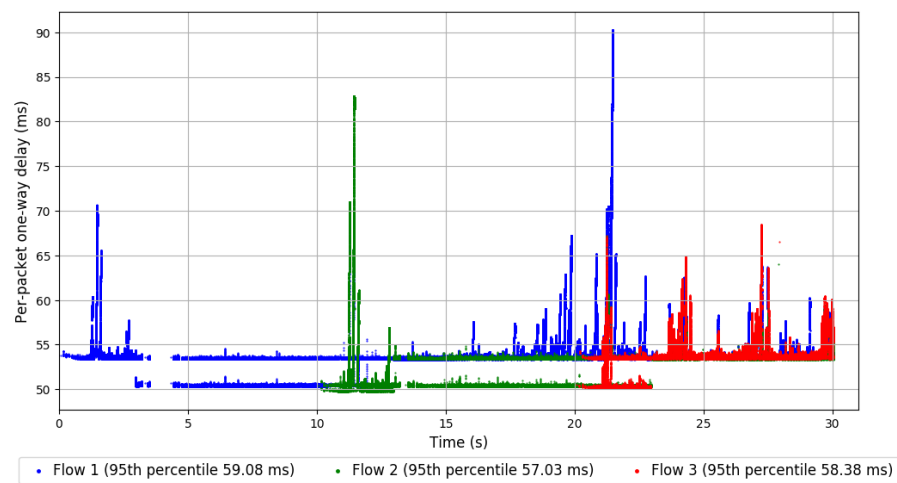
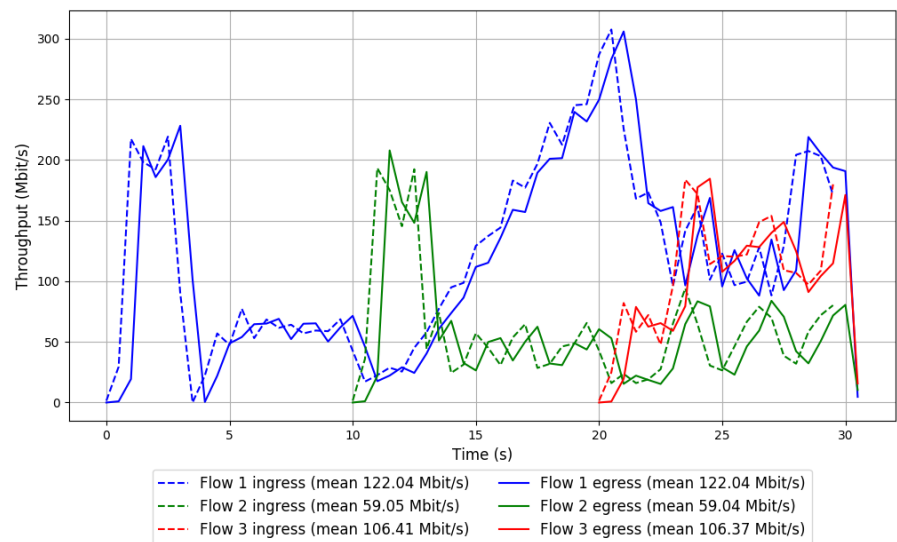


Run 1: Statistics of Copa

Start at: 2018-07-12 04:09:39
End at: 2018-07-12 04:10:09
Local clock offset: -0.198 ms
Remote clock offset: -0.329 ms

Below is generated by plot.py at 2018-07-12 08:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 196.73 Mbit/s
95th percentile per-packet one-way delay: 58.544 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 122.04 Mbit/s
95th percentile per-packet one-way delay: 59.080 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.04 Mbit/s
95th percentile per-packet one-way delay: 57.034 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.37 Mbit/s
95th percentile per-packet one-way delay: 58.377 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-07-12 04:34:27

End at: 2018-07-12 04:34:57

Local clock offset: 0.021 ms

Remote clock offset: 0.048 ms

Below is generated by plot.py at 2018-07-12 08:25:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 218.10 Mbit/s

95th percentile per-packet one-way delay: 55.638 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 167.52 Mbit/s

95th percentile per-packet one-way delay: 55.743 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 33.65 Mbit/s

95th percentile per-packet one-way delay: 53.793 ms

Loss rate: 0.00%

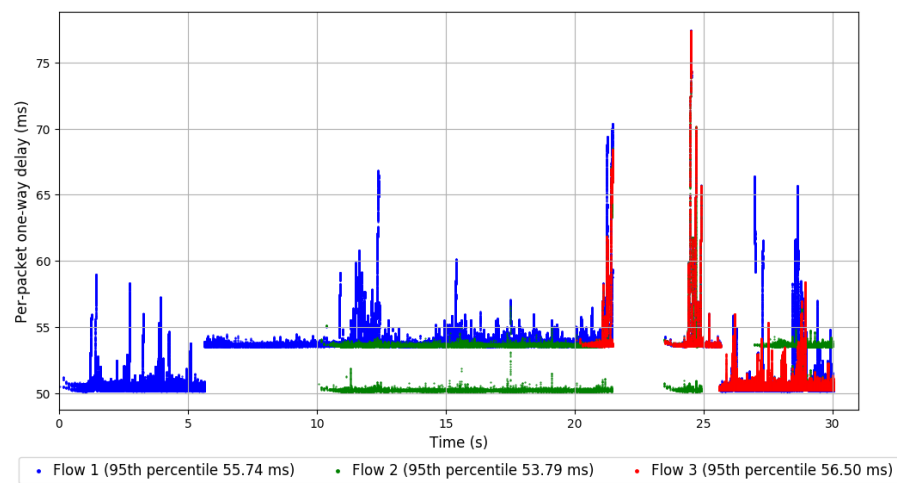
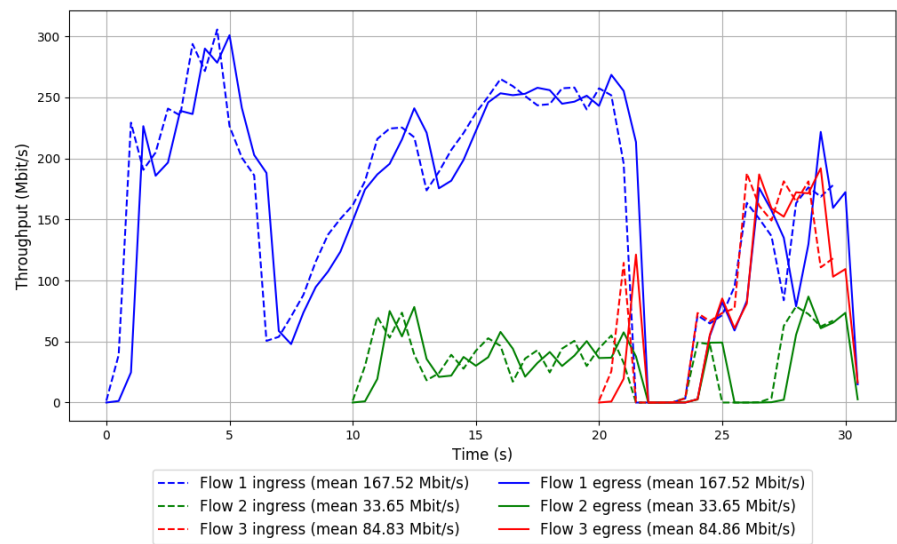
-- Flow 3:

Average throughput: 84.86 Mbit/s

95th percentile per-packet one-way delay: 56.501 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-07-12 04:58:31

End at: 2018-07-12 04:59:01

Local clock offset: -0.138 ms

Remote clock offset: 0.152 ms

Below is generated by plot.py at 2018-07-12 08:26:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 223.69 Mbit/s

95th percentile per-packet one-way delay: 63.203 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 133.98 Mbit/s

95th percentile per-packet one-way delay: 62.899 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 105.88 Mbit/s

95th percentile per-packet one-way delay: 64.655 ms

Loss rate: 0.05%

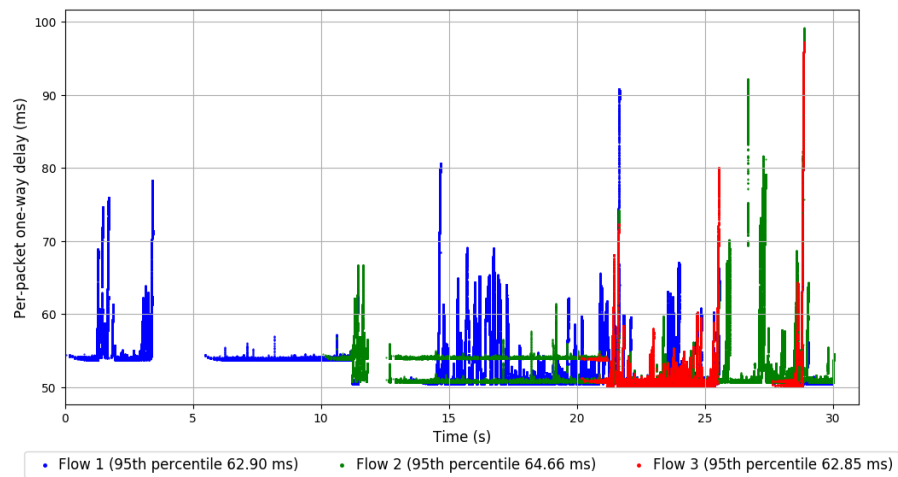
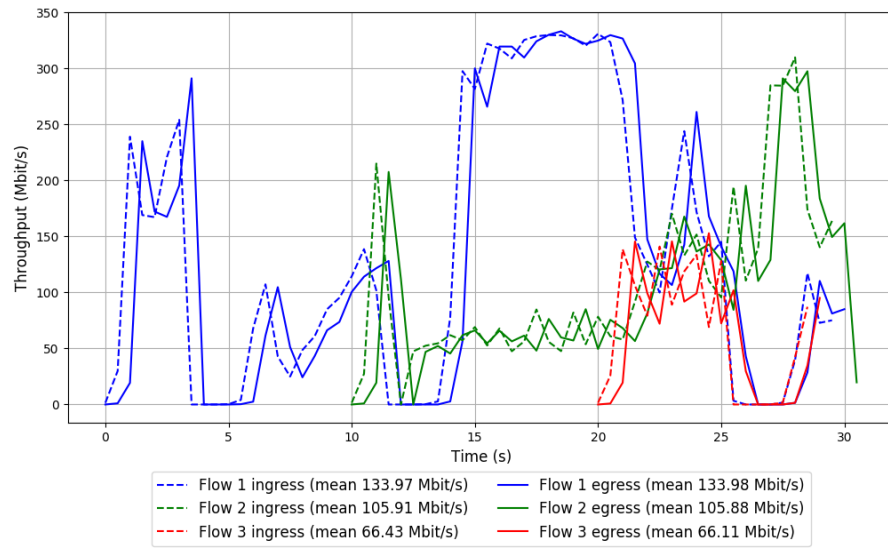
-- Flow 3:

Average throughput: 66.11 Mbit/s

95th percentile per-packet one-way delay: 62.851 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link

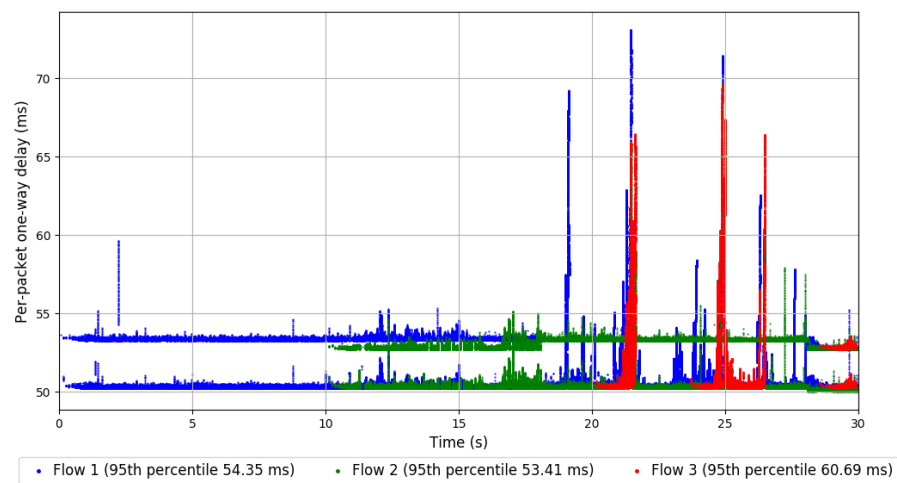
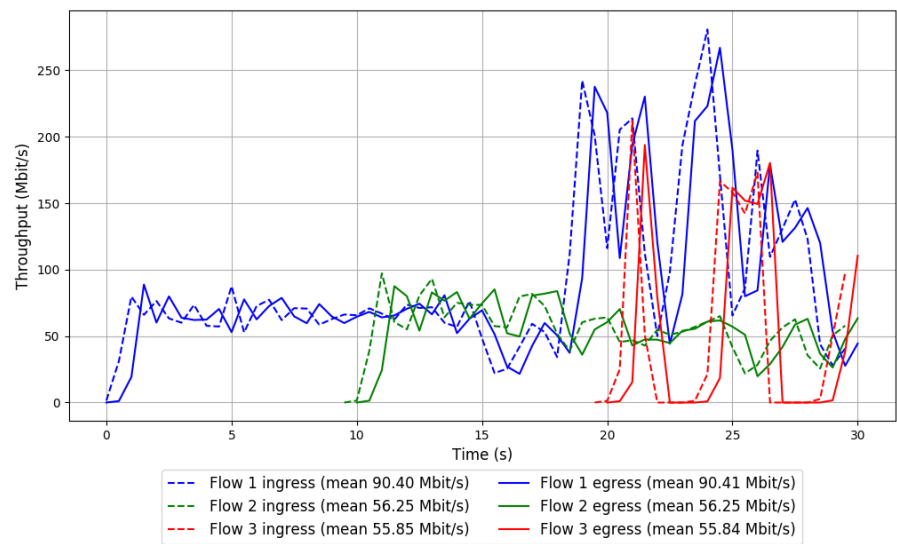


Run 4: Statistics of Copa

Start at: 2018-07-12 05:23:44
End at: 2018-07-12 05:24:14
Local clock offset: 0.042 ms
Remote clock offset: -0.124 ms

Below is generated by plot.py at 2018-07-12 08:26:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 146.29 Mbit/s
95th percentile per-packet one-way delay: 54.517 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 54.353 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 56.25 Mbit/s
95th percentile per-packet one-way delay: 53.408 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.84 Mbit/s
95th percentile per-packet one-way delay: 60.685 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-07-12 05:48:16

End at: 2018-07-12 05:48:46

Local clock offset: -0.076 ms

Remote clock offset: 0.11 ms

Below is generated by plot.py at 2018-07-12 08:26:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 174.99 Mbit/s

95th percentile per-packet one-way delay: 57.187 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 111.22 Mbit/s

95th percentile per-packet one-way delay: 57.195 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 53.972 ms

Loss rate: 0.01%

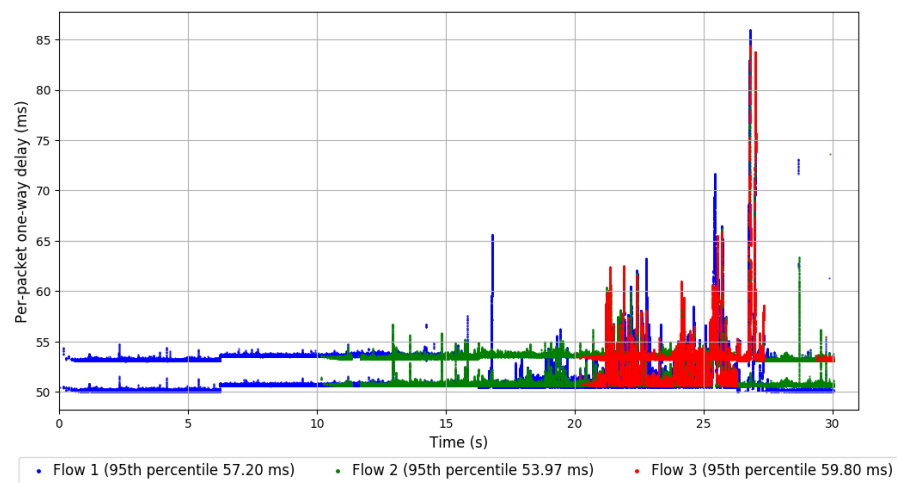
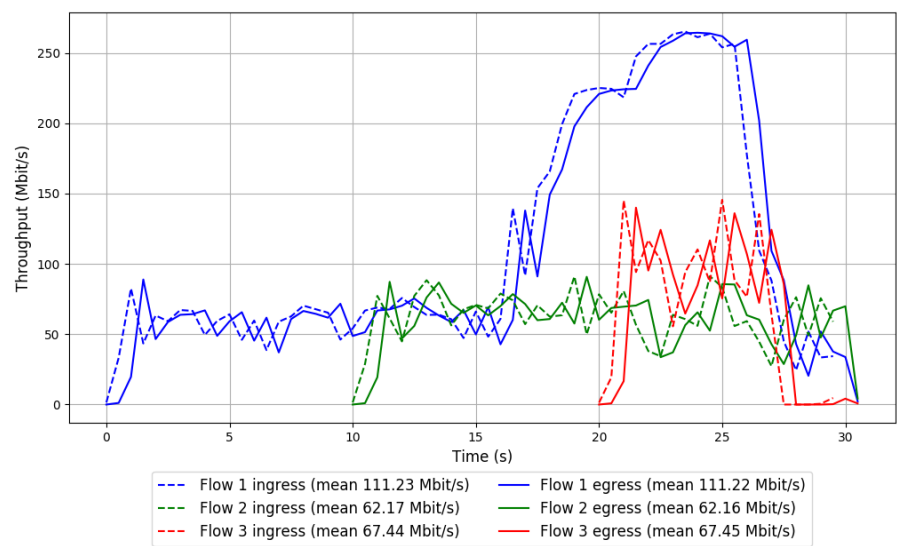
-- Flow 3:

Average throughput: 67.45 Mbit/s

95th percentile per-packet one-way delay: 59.795 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-07-12 06:12:43

End at: 2018-07-12 06:13:13

Local clock offset: -0.02 ms

Remote clock offset: 0.283 ms

Below is generated by plot.py at 2018-07-12 08:26:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 231.47 Mbit/s

95th percentile per-packet one-way delay: 61.788 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 103.87 Mbit/s

95th percentile per-packet one-way delay: 55.438 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 123.58 Mbit/s

95th percentile per-packet one-way delay: 65.505 ms

Loss rate: 0.00%

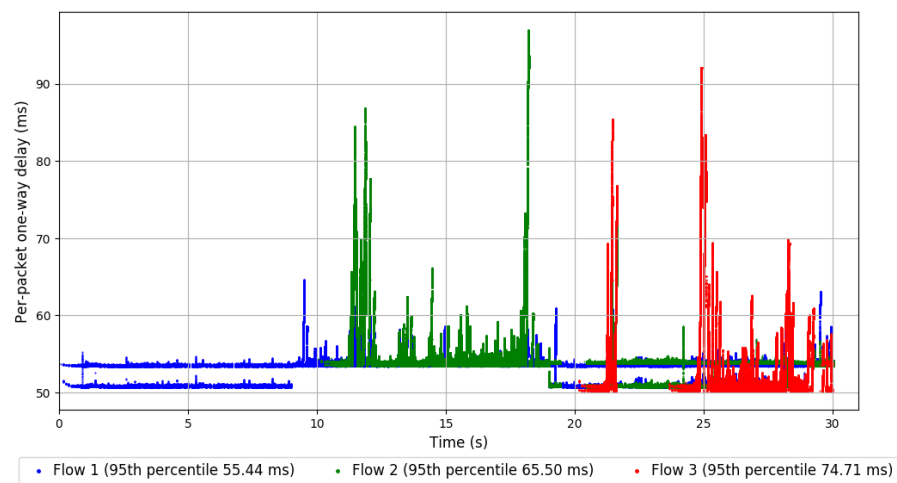
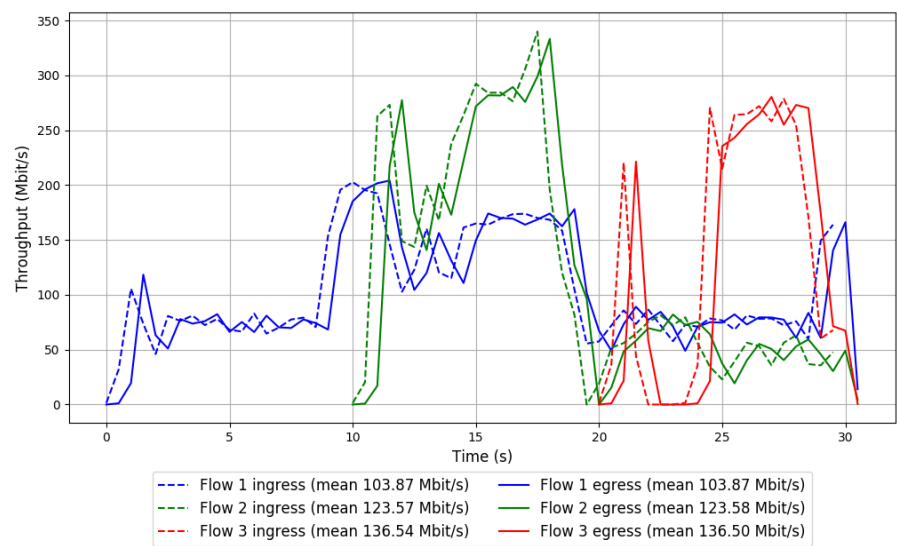
-- Flow 3:

Average throughput: 136.50 Mbit/s

95th percentile per-packet one-way delay: 74.708 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-07-12 06:37:42

End at: 2018-07-12 06:38:12

Local clock offset: -0.017 ms

Remote clock offset: 0.036 ms

Below is generated by plot.py at 2018-07-12 08:32:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 285.43 Mbit/s

95th percentile per-packet one-way delay: 59.967 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 181.15 Mbit/s

95th percentile per-packet one-way delay: 56.720 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 123.79 Mbit/s

95th percentile per-packet one-way delay: 68.341 ms

Loss rate: 0.00%

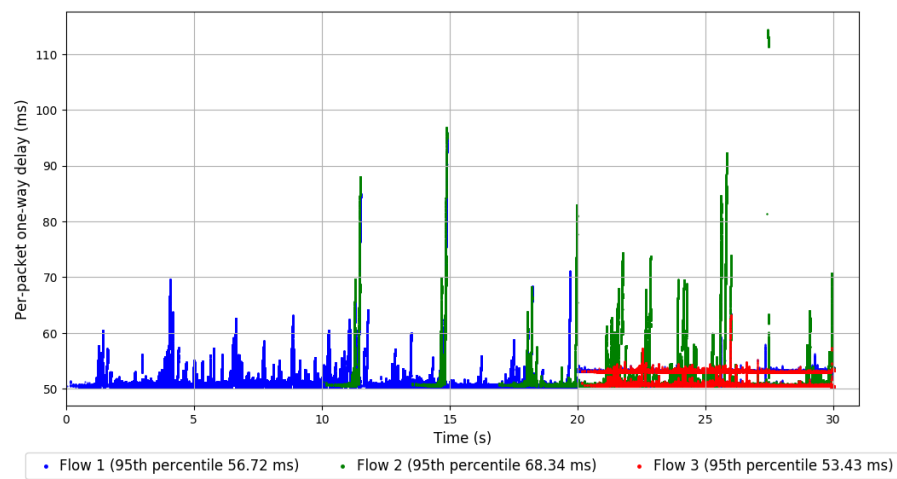
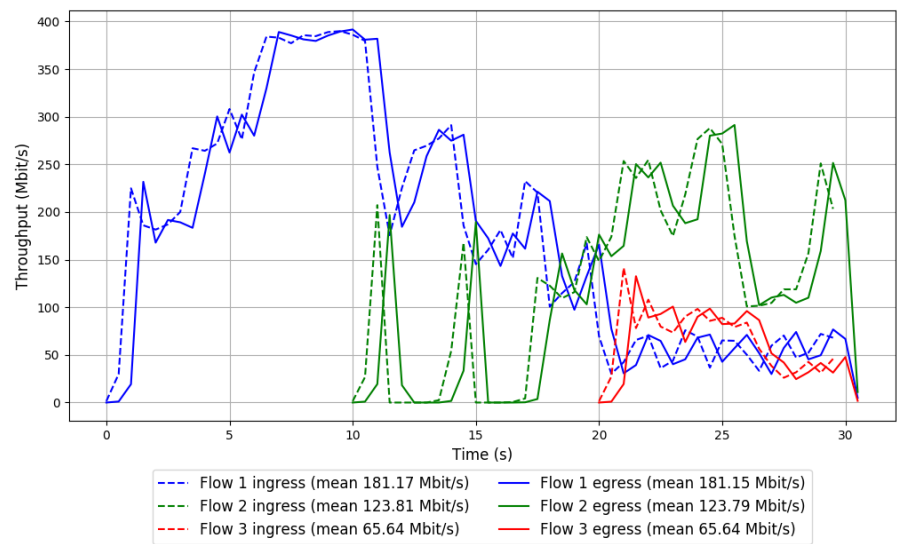
-- Flow 3:

Average throughput: 65.64 Mbit/s

95th percentile per-packet one-way delay: 53.431 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link

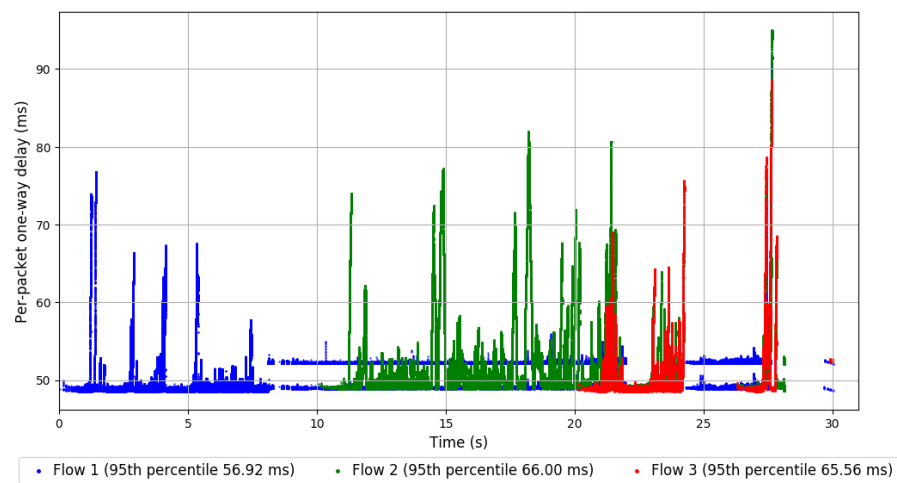
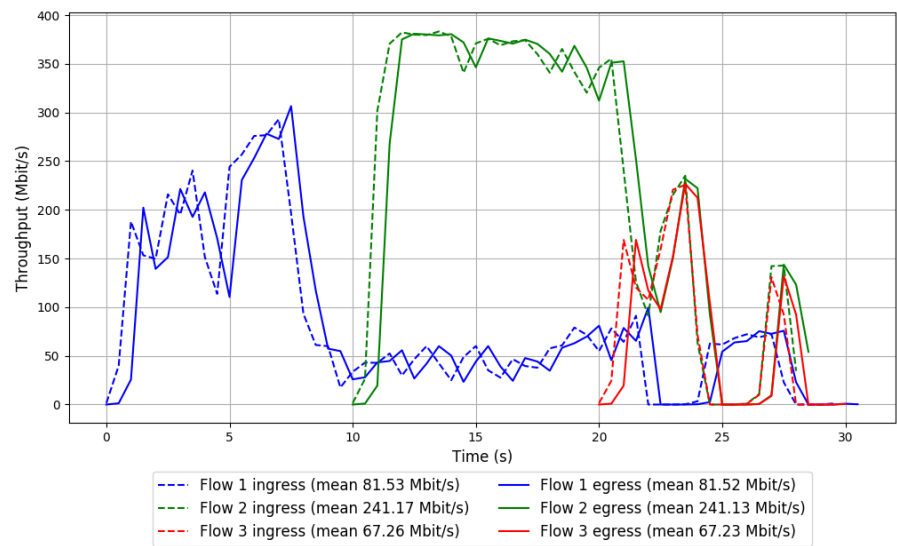


Run 8: Statistics of Copa

Start at: 2018-07-12 07:02:34
End at: 2018-07-12 07:03:04
Local clock offset: 0.131 ms
Remote clock offset: -1.422 ms

Below is generated by plot.py at 2018-07-12 08:32:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 249.22 Mbit/s
95th percentile per-packet one-way delay: 63.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.52 Mbit/s
95th percentile per-packet one-way delay: 56.925 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 241.13 Mbit/s
95th percentile per-packet one-way delay: 66.001 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 67.23 Mbit/s
95th percentile per-packet one-way delay: 65.563 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

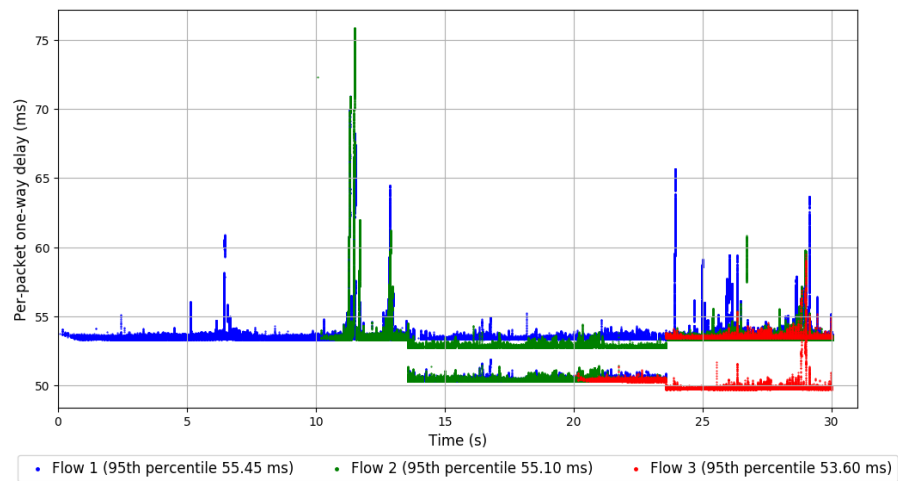
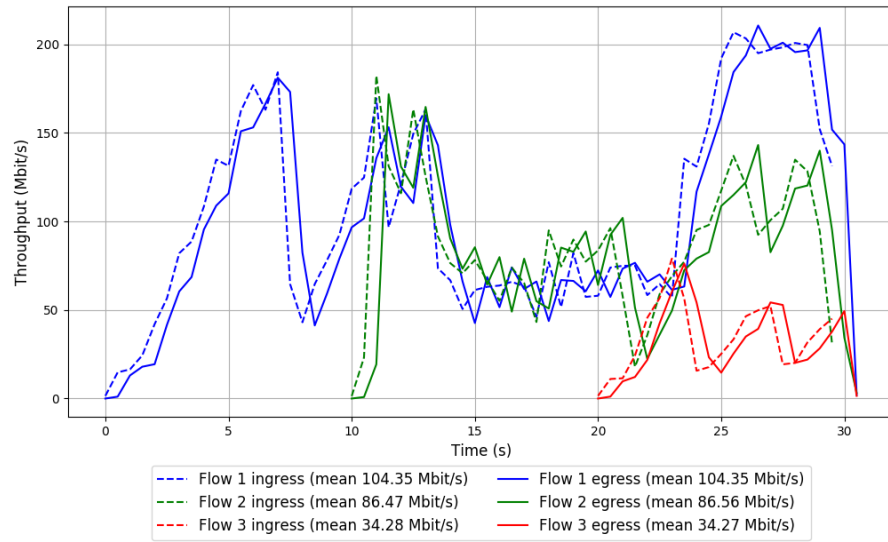


Run 9: Statistics of Copa

Start at: 2018-07-12 07:27:09
End at: 2018-07-12 07:27:39
Local clock offset: -0.007 ms
Remote clock offset: -0.167 ms

Below is generated by plot.py at 2018-07-12 08:32:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 173.33 Mbit/s
95th percentile per-packet one-way delay: 55.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.35 Mbit/s
95th percentile per-packet one-way delay: 55.455 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 86.56 Mbit/s
95th percentile per-packet one-way delay: 55.100 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.27 Mbit/s
95th percentile per-packet one-way delay: 53.597 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-07-12 07:51:38

End at: 2018-07-12 07:52:08

Local clock offset: -0.049 ms

Remote clock offset: 0.273 ms

Below is generated by plot.py at 2018-07-12 08:32:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 191.52 Mbit/s

95th percentile per-packet one-way delay: 68.293 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 106.06 Mbit/s

95th percentile per-packet one-way delay: 63.822 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 72.36 Mbit/s

95th percentile per-packet one-way delay: 58.891 ms

Loss rate: 0.00%

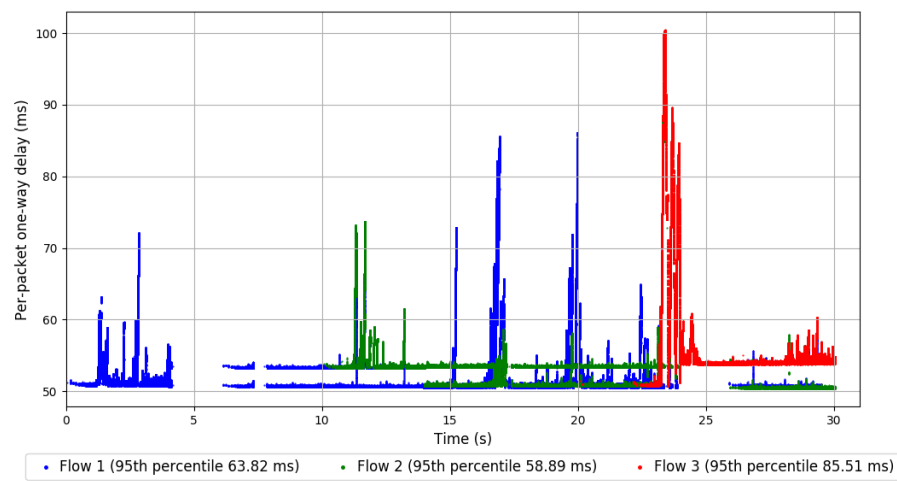
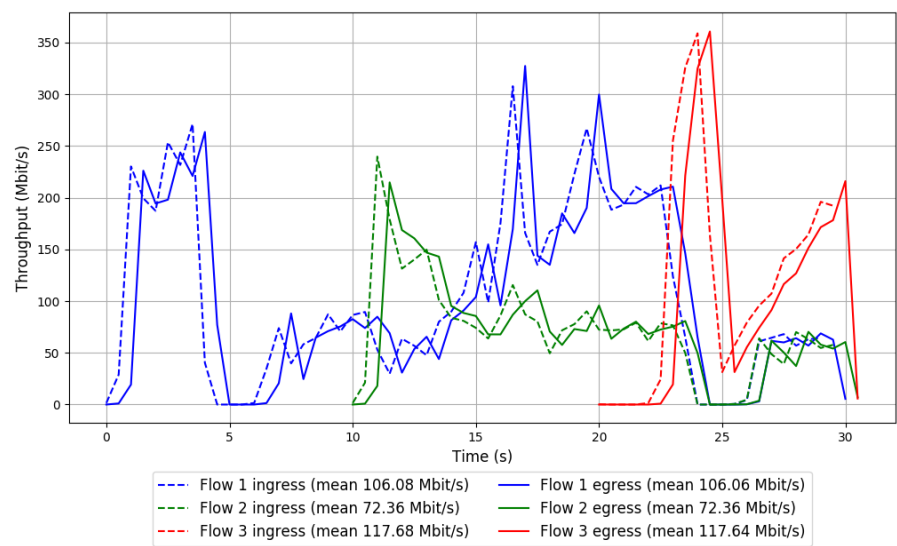
-- Flow 3:

Average throughput: 117.64 Mbit/s

95th percentile per-packet one-way delay: 85.514 ms

Loss rate: 0.01%

Run 10: Report of Copa — Data Link

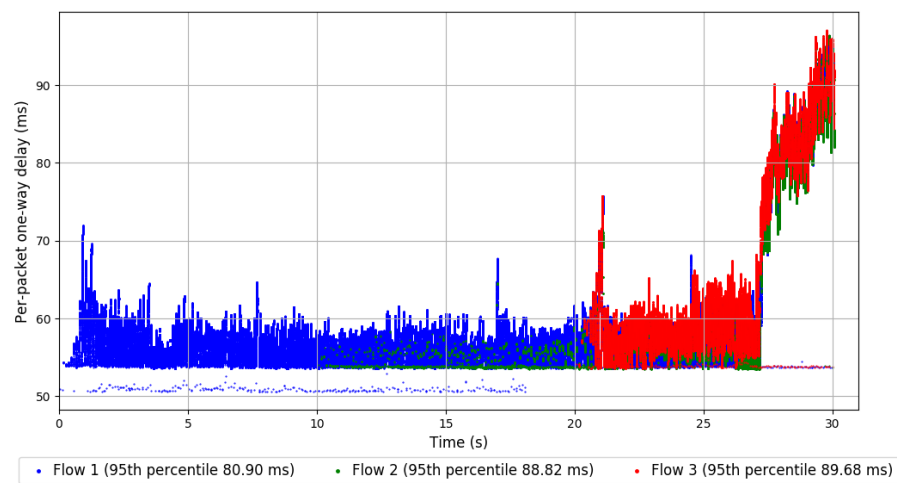
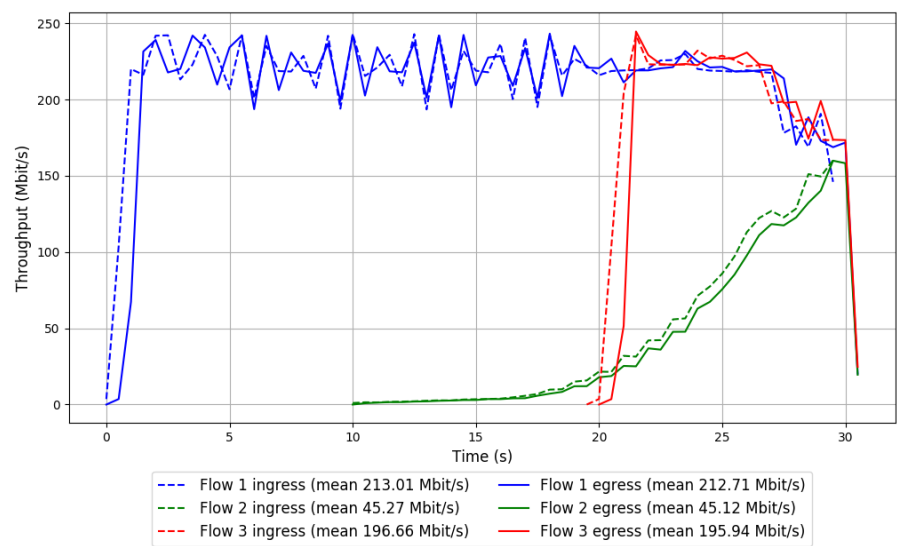


Run 1: Statistics of TCP Cubic

Start at: 2018-07-12 04:00:14
End at: 2018-07-12 04:00:44
Local clock offset: -0.056 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-07-12 08:32:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 307.83 Mbit/s
95th percentile per-packet one-way delay: 86.040 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 212.71 Mbit/s
95th percentile per-packet one-way delay: 80.903 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.12 Mbit/s
95th percentile per-packet one-way delay: 88.818 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 195.94 Mbit/s
95th percentile per-packet one-way delay: 89.679 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

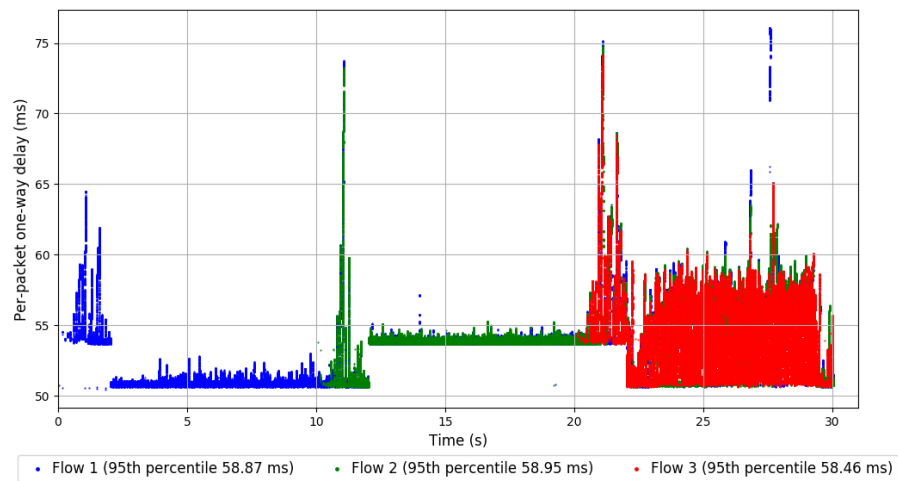
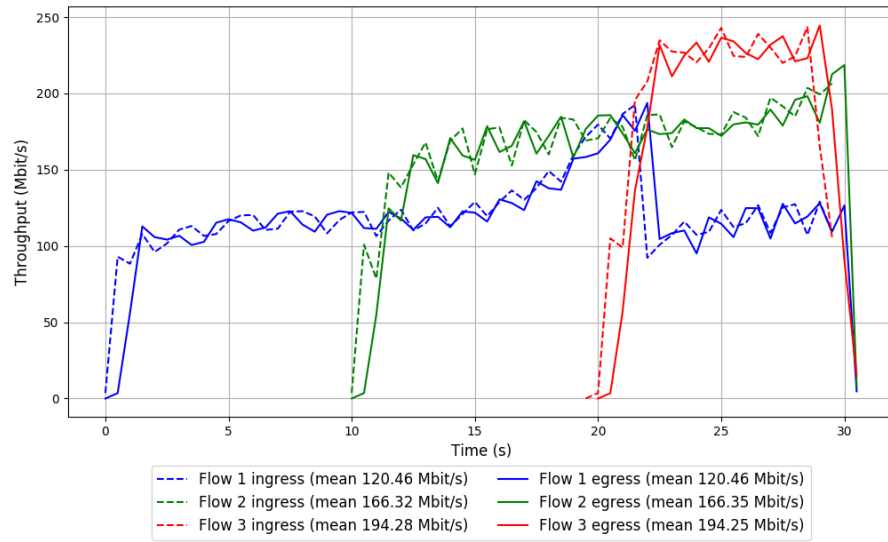


Run 2: Statistics of TCP Cubic

Start at: 2018-07-12 04:25:00
End at: 2018-07-12 04:25:30
Local clock offset: -0.306 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2018-07-12 08:32:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 295.82 Mbit/s
95th percentile per-packet one-way delay: 58.817 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 120.46 Mbit/s
95th percentile per-packet one-way delay: 58.872 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.35 Mbit/s
95th percentile per-packet one-way delay: 58.945 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 194.25 Mbit/s
95th percentile per-packet one-way delay: 58.462 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

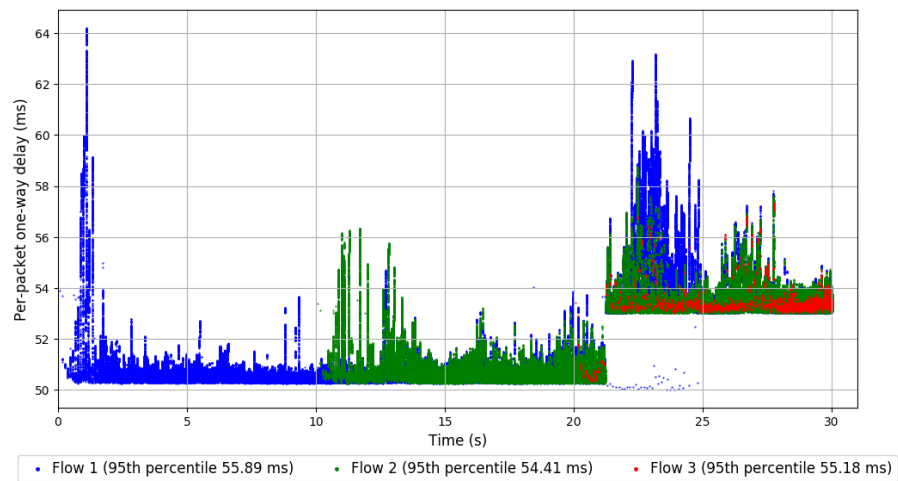
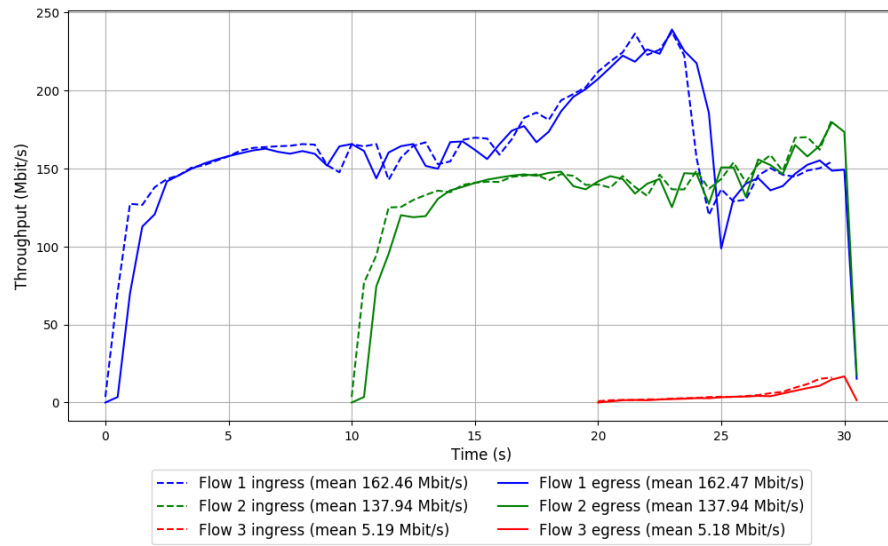


Run 3: Statistics of TCP Cubic

Start at: 2018-07-12 04:49:11
End at: 2018-07-12 04:49:41
Local clock offset: 0.033 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2018-07-12 08:32:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 256.08 Mbit/s
95th percentile per-packet one-way delay: 55.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 162.47 Mbit/s
95th percentile per-packet one-way delay: 55.892 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 137.94 Mbit/s
95th percentile per-packet one-way delay: 54.415 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 55.181 ms
Loss rate: 0.14%

Run 3: Report of TCP Cubic — Data Link

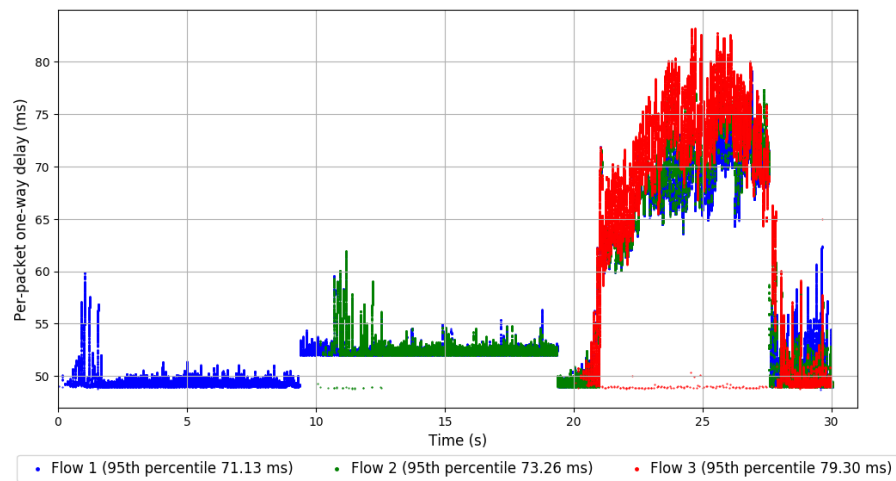
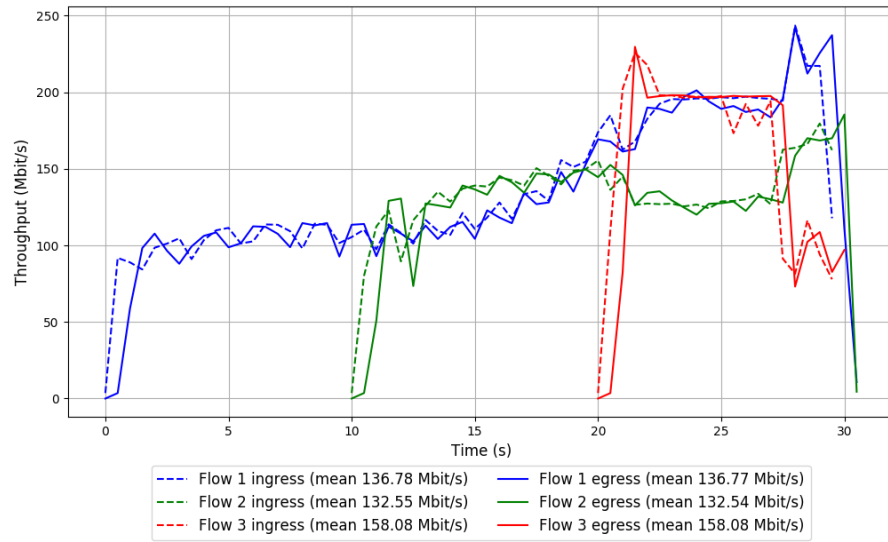


Run 4: Statistics of TCP Cubic

Start at: 2018-07-12 05:14:13
End at: 2018-07-12 05:14:43
Local clock offset: -0.03 ms
Remote clock offset: -1.504 ms

Below is generated by plot.py at 2018-07-12 08:32:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 277.46 Mbit/s
95th percentile per-packet one-way delay: 75.486 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 136.77 Mbit/s
95th percentile per-packet one-way delay: 71.132 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 132.54 Mbit/s
95th percentile per-packet one-way delay: 73.262 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 158.08 Mbit/s
95th percentile per-packet one-way delay: 79.301 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

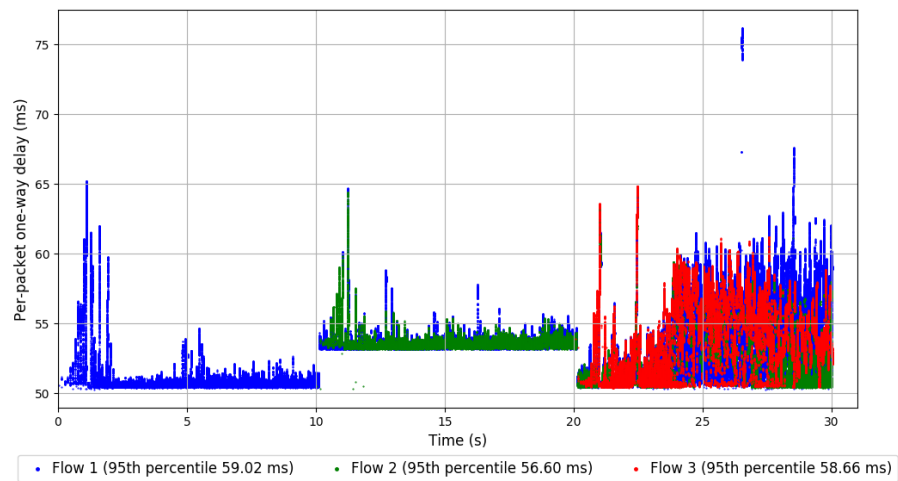
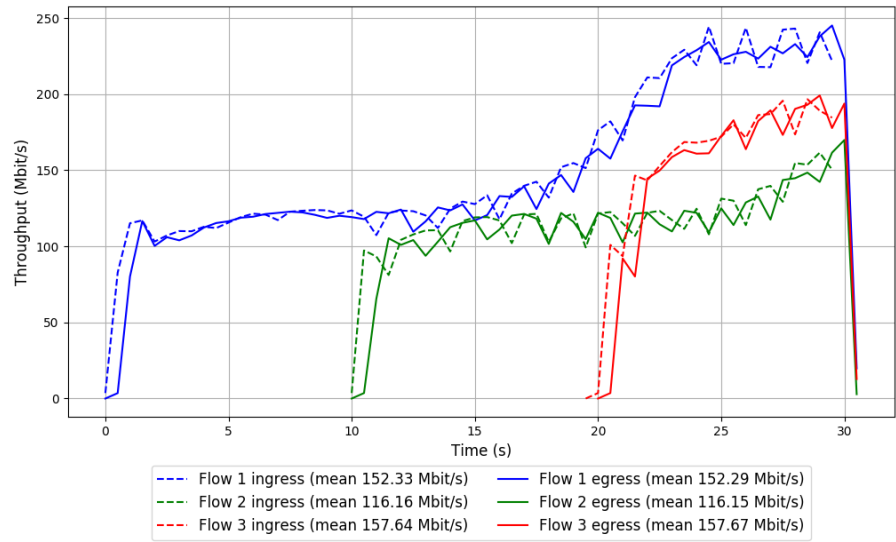


Run 5: Statistics of TCP Cubic

Start at: 2018-07-12 05:38:52
End at: 2018-07-12 05:39:22
Local clock offset: -0.159 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-12 08:35:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 282.10 Mbit/s
95th percentile per-packet one-way delay: 58.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 152.29 Mbit/s
95th percentile per-packet one-way delay: 59.025 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 116.15 Mbit/s
95th percentile per-packet one-way delay: 56.603 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 157.67 Mbit/s
95th percentile per-packet one-way delay: 58.659 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

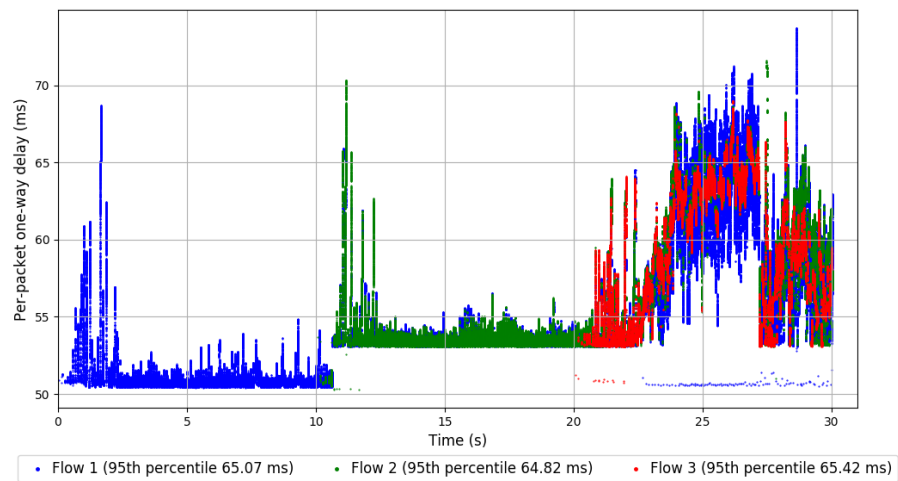
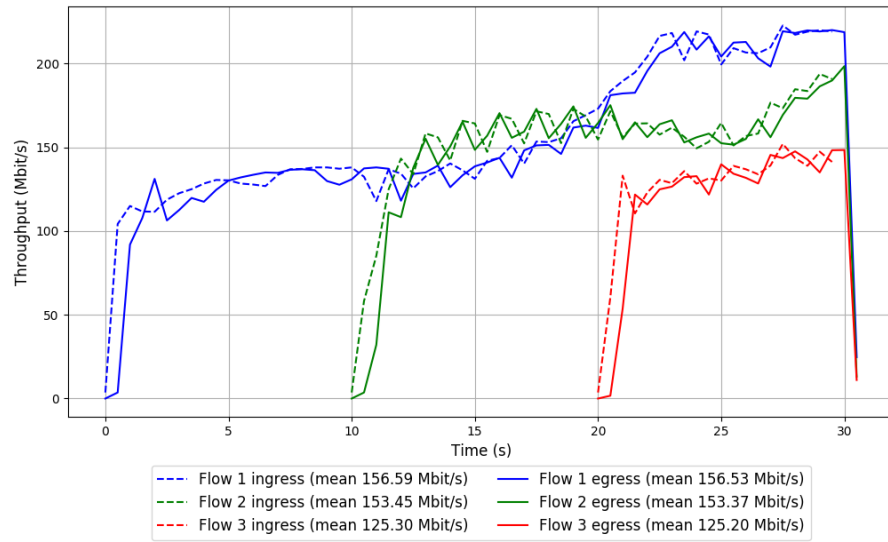


Run 6: Statistics of TCP Cubic

Start at: 2018-07-12 06:03:22
End at: 2018-07-12 06:03:52
Local clock offset: -0.038 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2018-07-12 08:35:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 300.11 Mbit/s
95th percentile per-packet one-way delay: 65.065 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 156.53 Mbit/s
95th percentile per-packet one-way delay: 65.067 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 153.37 Mbit/s
95th percentile per-packet one-way delay: 64.820 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 125.20 Mbit/s
95th percentile per-packet one-way delay: 65.419 ms
Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

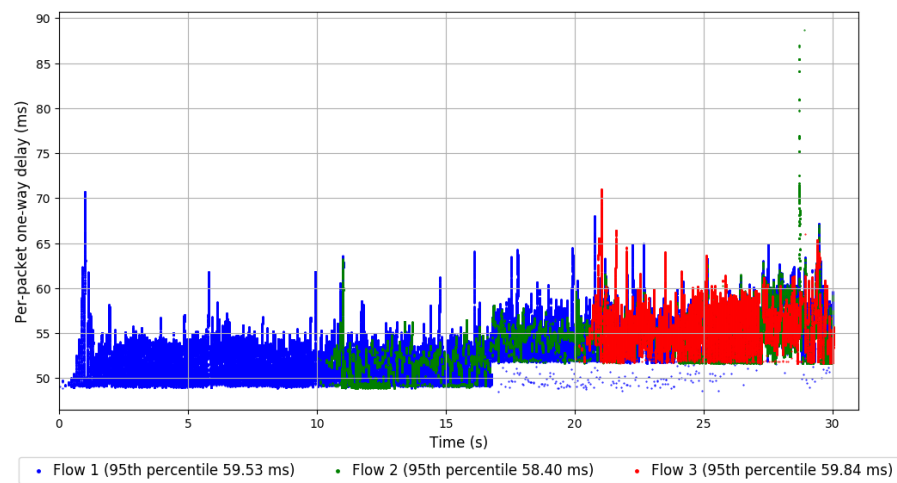
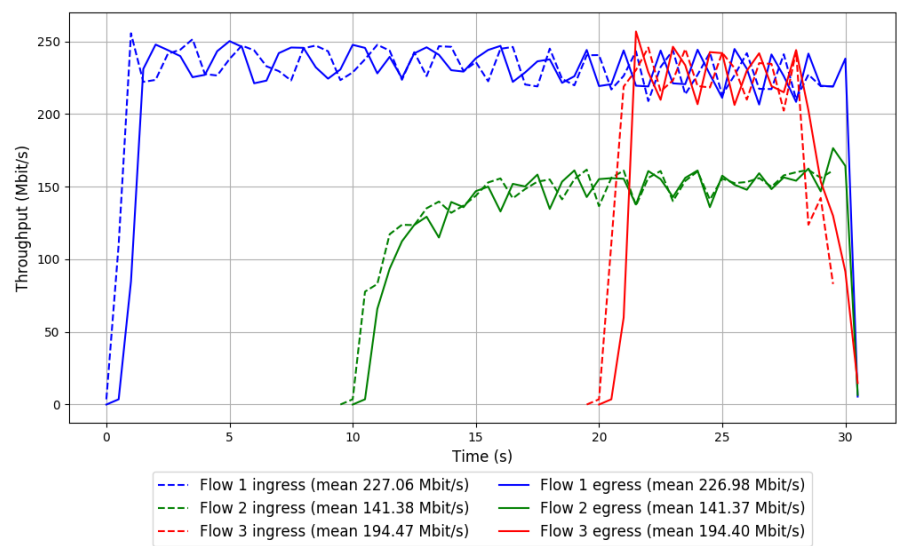


Run 7: Statistics of TCP Cubic

Start at: 2018-07-12 06:28:06
End at: 2018-07-12 06:28:36
Local clock offset: -0.04 ms
Remote clock offset: -1.549 ms

Below is generated by plot.py at 2018-07-12 08:37:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 385.73 Mbit/s
95th percentile per-packet one-way delay: 59.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 226.98 Mbit/s
95th percentile per-packet one-way delay: 59.529 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 141.37 Mbit/s
95th percentile per-packet one-way delay: 58.396 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 194.40 Mbit/s
95th percentile per-packet one-way delay: 59.841 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

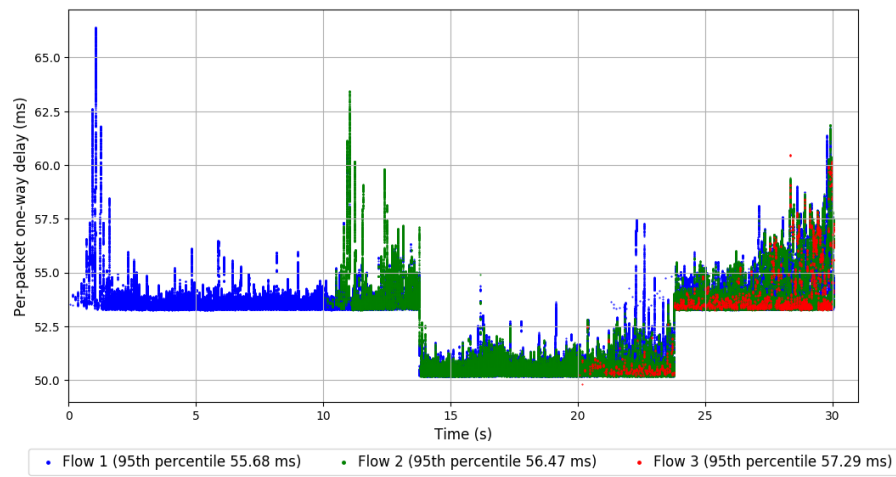
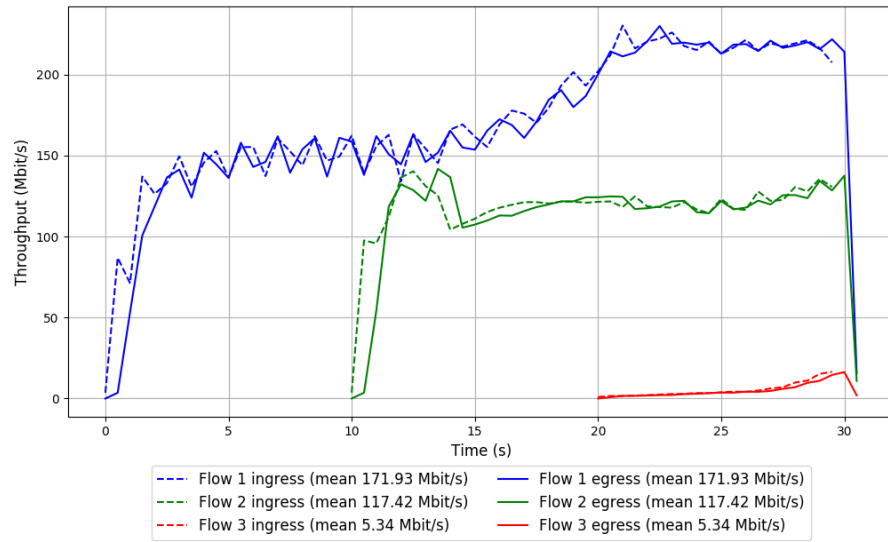


Run 8: Statistics of TCP Cubic

Start at: 2018-07-12 06:53:09
End at: 2018-07-12 06:53:39
Local clock offset: -0.146 ms
Remote clock offset: -0.401 ms

Below is generated by plot.py at 2018-07-12 08:37:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 251.91 Mbit/s
95th percentile per-packet one-way delay: 55.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.93 Mbit/s
95th percentile per-packet one-way delay: 55.676 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 117.42 Mbit/s
95th percentile per-packet one-way delay: 56.469 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.34 Mbit/s
95th percentile per-packet one-way delay: 57.294 ms
Loss rate: 0.11%

Run 8: Report of TCP Cubic — Data Link

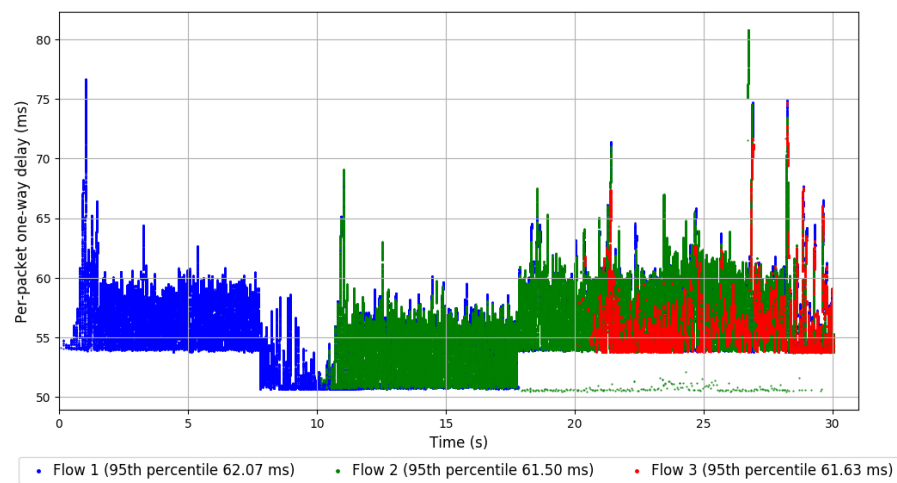
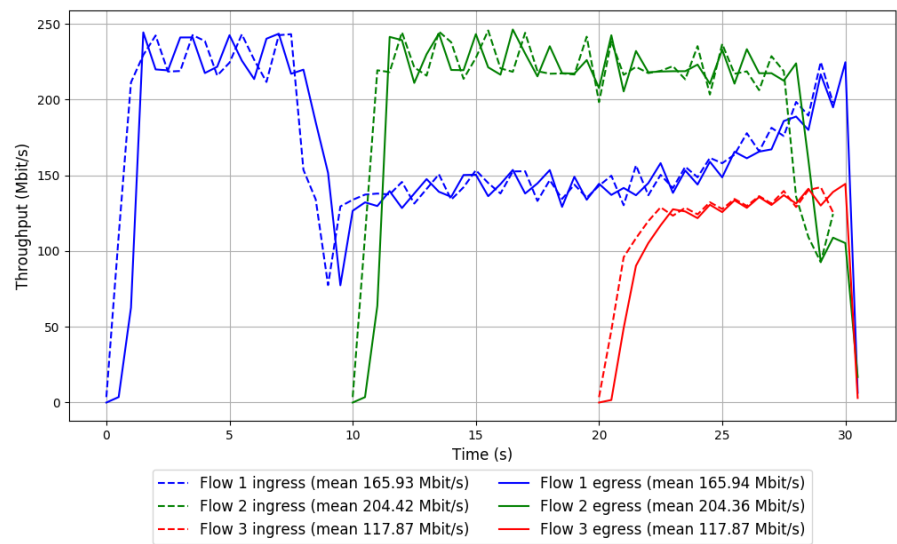


Run 9: Statistics of TCP Cubic

Start at: 2018-07-12 07:17:45
End at: 2018-07-12 07:18:15
Local clock offset: -0.199 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-07-12 08:37:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 341.31 Mbit/s
95th percentile per-packet one-way delay: 61.707 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 165.94 Mbit/s
95th percentile per-packet one-way delay: 62.066 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 204.36 Mbit/s
95th percentile per-packet one-way delay: 61.501 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 117.87 Mbit/s
95th percentile per-packet one-way delay: 61.629 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-12 07:42:13

End at: 2018-07-12 07:42:43

Local clock offset: -0.047 ms

Remote clock offset: -0.0 ms

Below is generated by plot.py at 2018-07-12 08:37:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 276.64 Mbit/s

95th percentile per-packet one-way delay: 60.014 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 178.44 Mbit/s

95th percentile per-packet one-way delay: 59.390 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 145.27 Mbit/s

95th percentile per-packet one-way delay: 60.453 ms

Loss rate: 0.00%

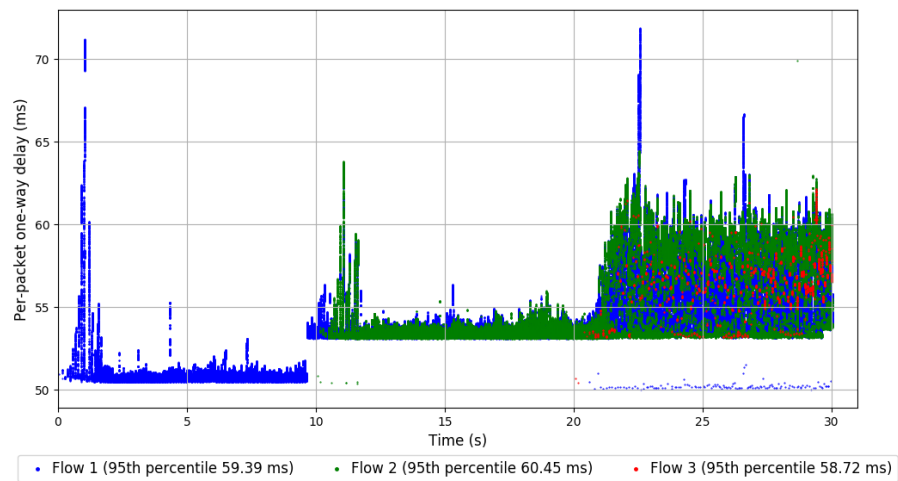
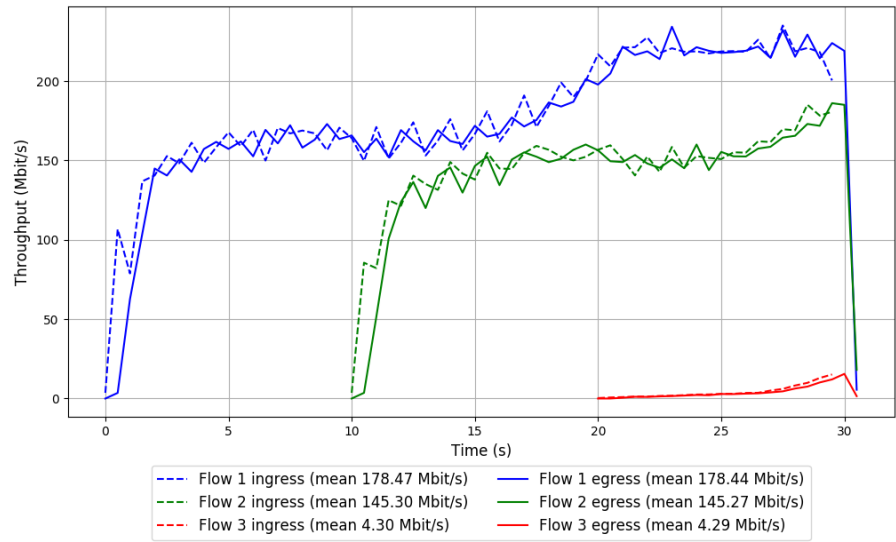
-- Flow 3:

Average throughput: 4.29 Mbit/s

95th percentile per-packet one-way delay: 58.720 ms

Loss rate: 0.28%

Run 10: Report of TCP Cubic — Data Link

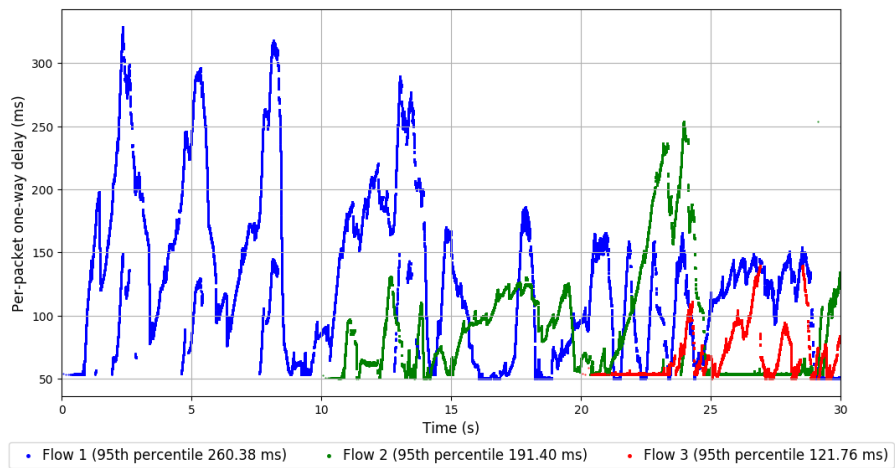
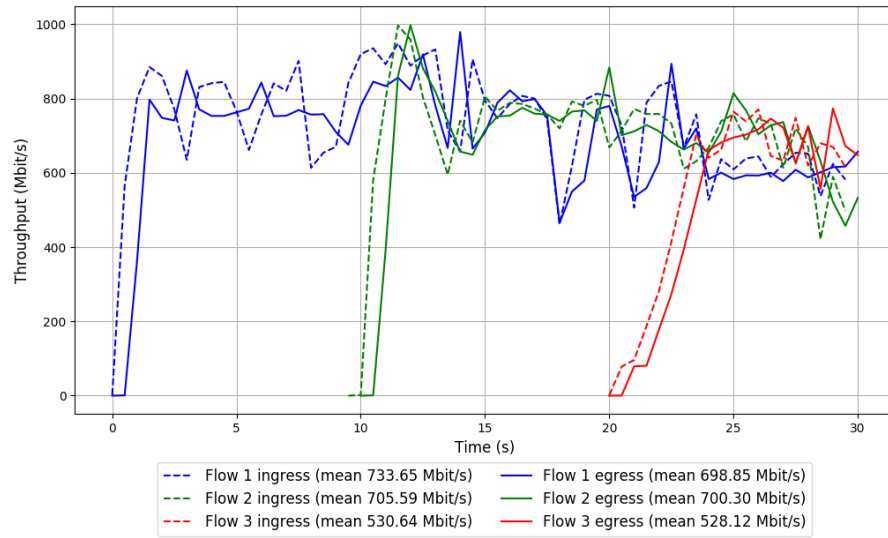


Run 1: Statistics of FillP

Start at: 2018-07-12 03:52:57
End at: 2018-07-12 03:53:27
Local clock offset: 0.067 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-07-12 08:59:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 1339.96 Mbit/s
95th percentile per-packet one-way delay: 230.765 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 698.85 Mbit/s
95th percentile per-packet one-way delay: 260.379 ms
Loss rate: 4.75%
-- Flow 2:
Average throughput: 700.30 Mbit/s
95th percentile per-packet one-way delay: 191.404 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 528.12 Mbit/s
95th percentile per-packet one-way delay: 121.757 ms
Loss rate: 0.50%

Run 1: Report of FillP — Data Link

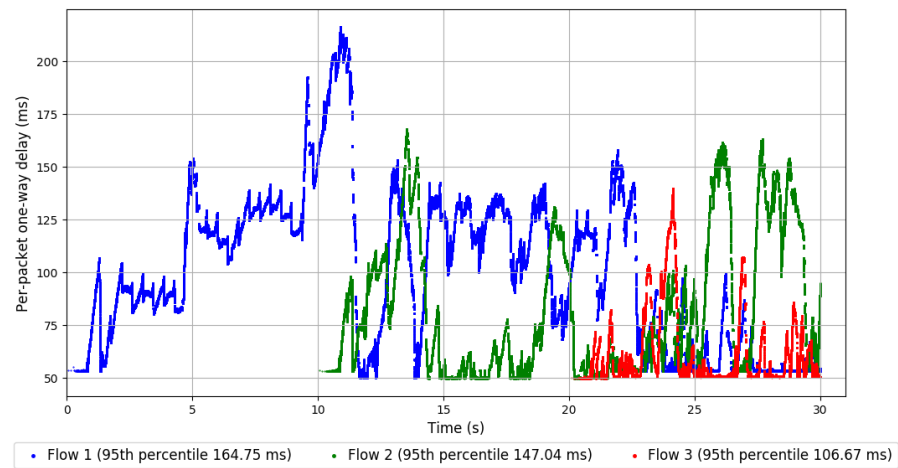
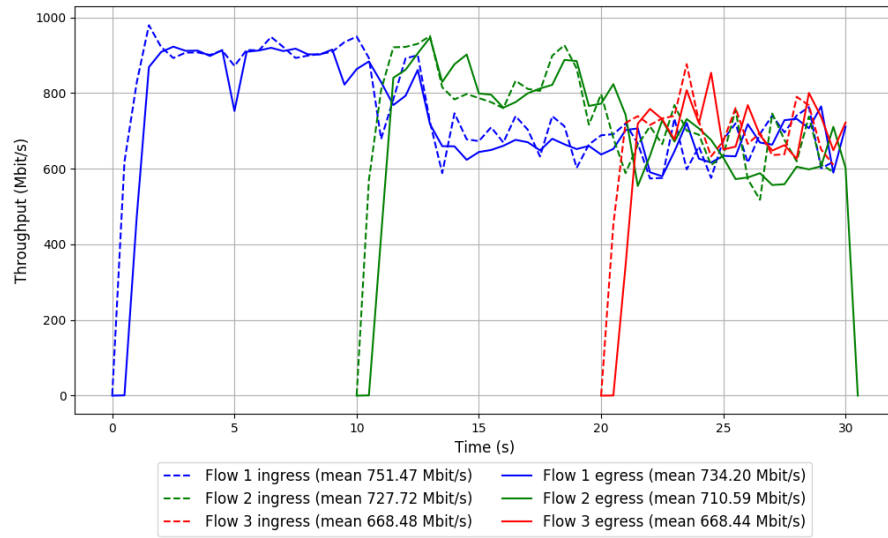


Run 2: Statistics of FillP

Start at: 2018-07-12 04:17:51
End at: 2018-07-12 04:18:21
Local clock offset: 0.076 ms
Remote clock offset: -0.265 ms

Below is generated by plot.py at 2018-07-12 09:02:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 1428.19 Mbit/s
95th percentile per-packet one-way delay: 149.769 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 734.20 Mbit/s
95th percentile per-packet one-way delay: 164.749 ms
Loss rate: 2.30%
-- Flow 2:
Average throughput: 710.59 Mbit/s
95th percentile per-packet one-way delay: 147.038 ms
Loss rate: 2.35%
-- Flow 3:
Average throughput: 668.44 Mbit/s
95th percentile per-packet one-way delay: 106.670 ms
Loss rate: 0.00%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-07-12 04:42:32

End at: 2018-07-12 04:43:02

Local clock offset: -0.036 ms

Remote clock offset: 1.13 ms

Below is generated by plot.py at 2018-07-12 09:02:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 1158.64 Mbit/s

95th percentile per-packet one-way delay: 229.095 ms

Loss rate: 1.83%

-- Flow 1:

Average throughput: 604.94 Mbit/s

95th percentile per-packet one-way delay: 233.877 ms

Loss rate: 1.80%

-- Flow 2:

Average throughput: 466.85 Mbit/s

95th percentile per-packet one-way delay: 240.174 ms

Loss rate: 0.40%

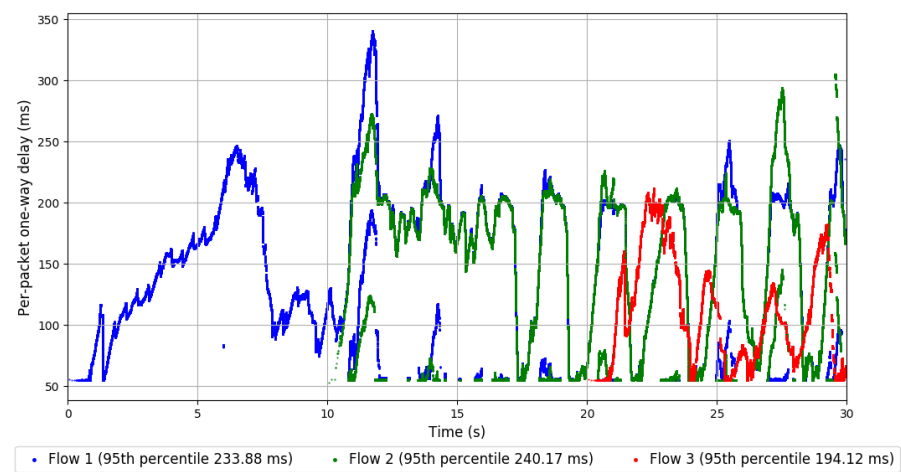
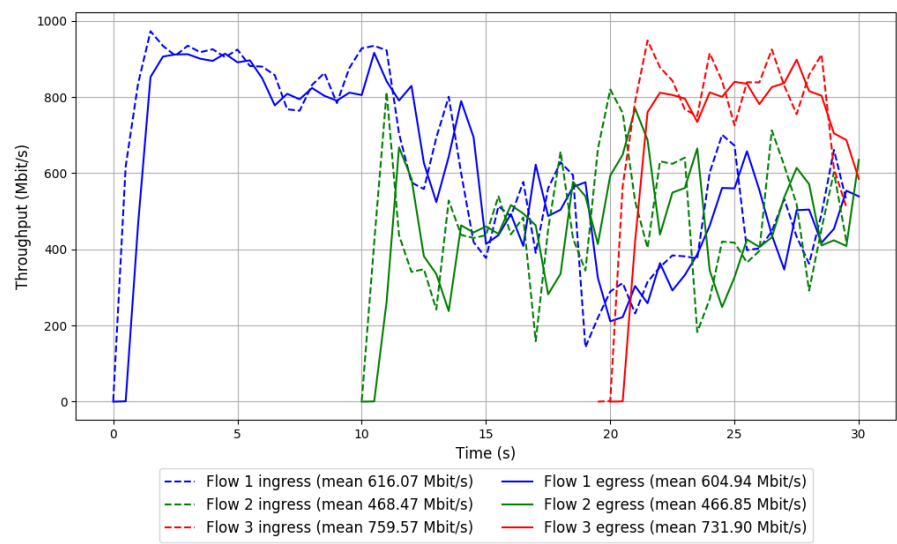
-- Flow 3:

Average throughput: 731.90 Mbit/s

95th percentile per-packet one-way delay: 194.123 ms

Loss rate: 3.65%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-07-12 05:06:56

End at: 2018-07-12 05:07:26

Local clock offset: -0.289 ms

Remote clock offset: 0.047 ms

Below is generated by plot.py at 2018-07-12 09:05:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 1457.02 Mbit/s

95th percentile per-packet one-way delay: 192.102 ms

Loss rate: 2.16%

-- Flow 1:

Average throughput: 763.77 Mbit/s

95th percentile per-packet one-way delay: 202.899 ms

Loss rate: 1.91%

-- Flow 2:

Average throughput: 706.51 Mbit/s

95th percentile per-packet one-way delay: 159.413 ms

Loss rate: 3.09%

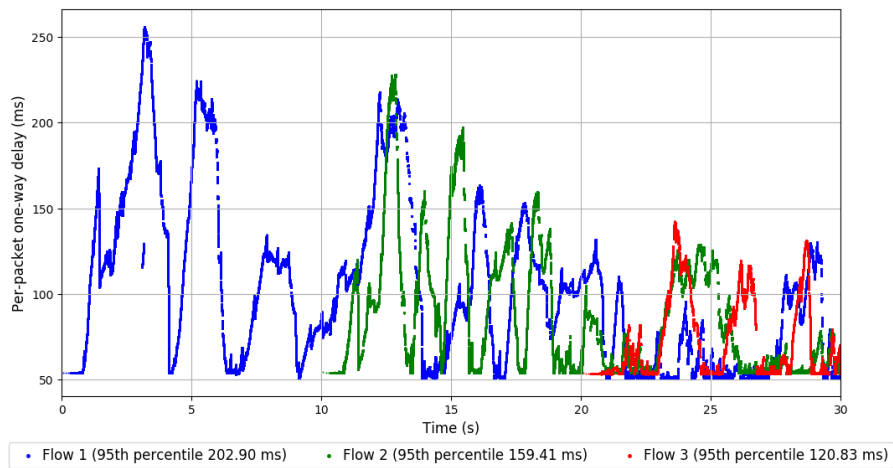
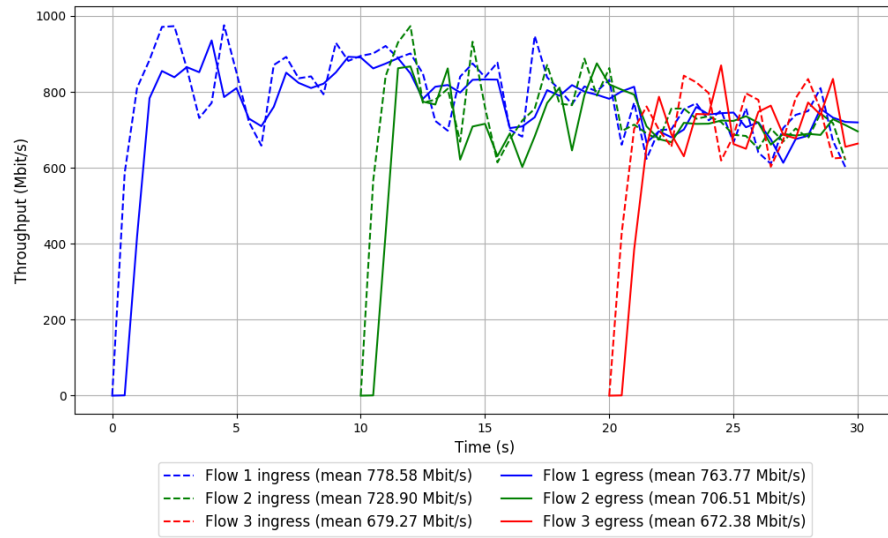
-- Flow 3:

Average throughput: 672.38 Mbit/s

95th percentile per-packet one-way delay: 120.831 ms

Loss rate: 1.04%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-07-12 05:31:46

End at: 2018-07-12 05:32:16

Local clock offset: -0.19 ms

Remote clock offset: 0.199 ms

Below is generated by plot.py at 2018-07-12 09:05:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 1475.89 Mbit/s

95th percentile per-packet one-way delay: 202.536 ms

Loss rate: 1.00%

-- Flow 1:

Average throughput: 763.81 Mbit/s

95th percentile per-packet one-way delay: 220.800 ms

Loss rate: 0.59%

-- Flow 2:

Average throughput: 739.89 Mbit/s

95th percentile per-packet one-way delay: 179.945 ms

Loss rate: 1.08%

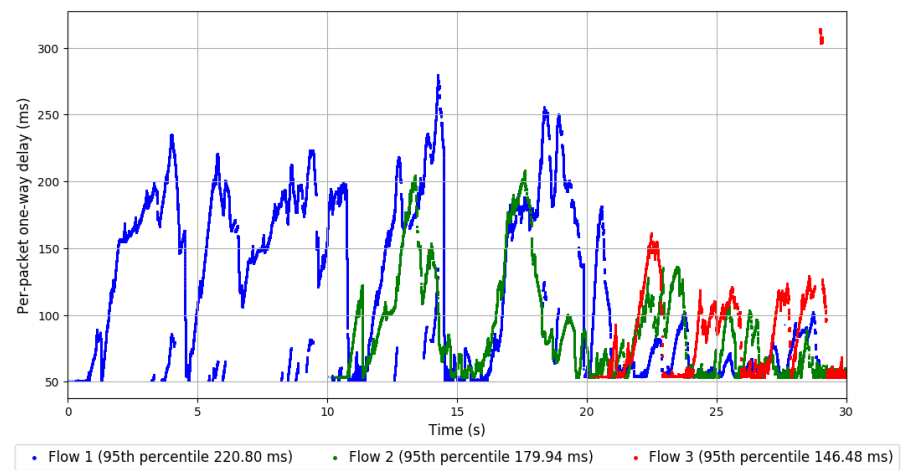
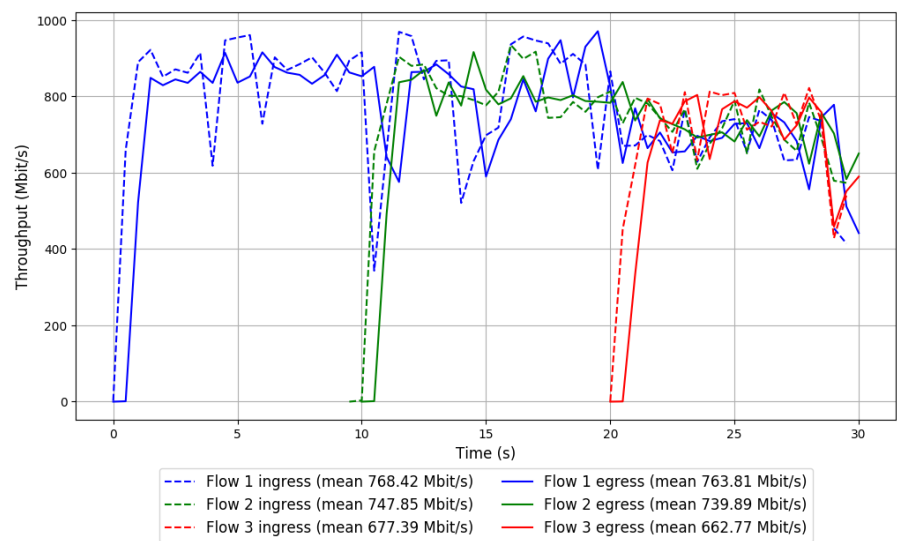
-- Flow 3:

Average throughput: 662.77 Mbit/s

95th percentile per-packet one-way delay: 146.481 ms

Loss rate: 2.19%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-07-12 05:56:15

End at: 2018-07-12 05:56:45

Local clock offset: 0.112 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-07-12 09:05:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 1441.70 Mbit/s

95th percentile per-packet one-way delay: 181.293 ms

Loss rate: 3.63%

-- Flow 1:

Average throughput: 740.82 Mbit/s

95th percentile per-packet one-way delay: 192.275 ms

Loss rate: 3.98%

-- Flow 2:

Average throughput: 725.09 Mbit/s

95th percentile per-packet one-way delay: 159.442 ms

Loss rate: 3.00%

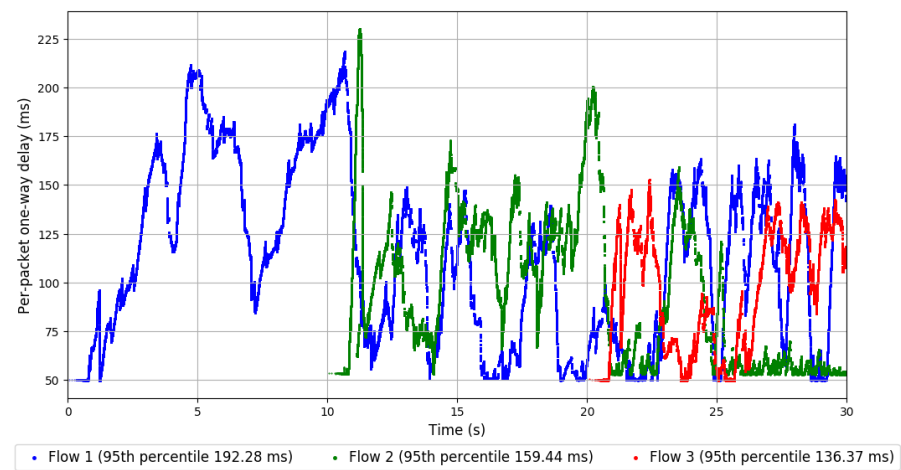
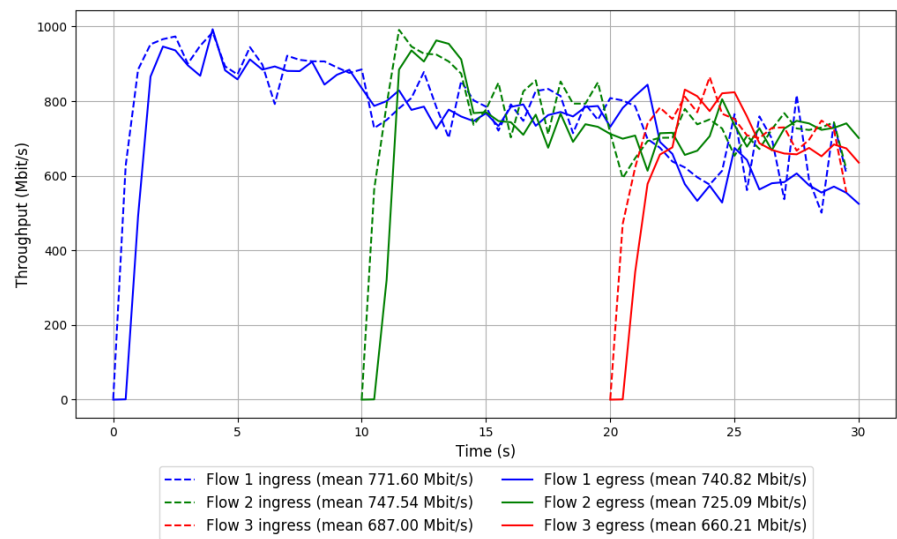
-- Flow 3:

Average throughput: 660.21 Mbit/s

95th percentile per-packet one-way delay: 136.367 ms

Loss rate: 3.86%

Run 6: Report of FillP — Data Link

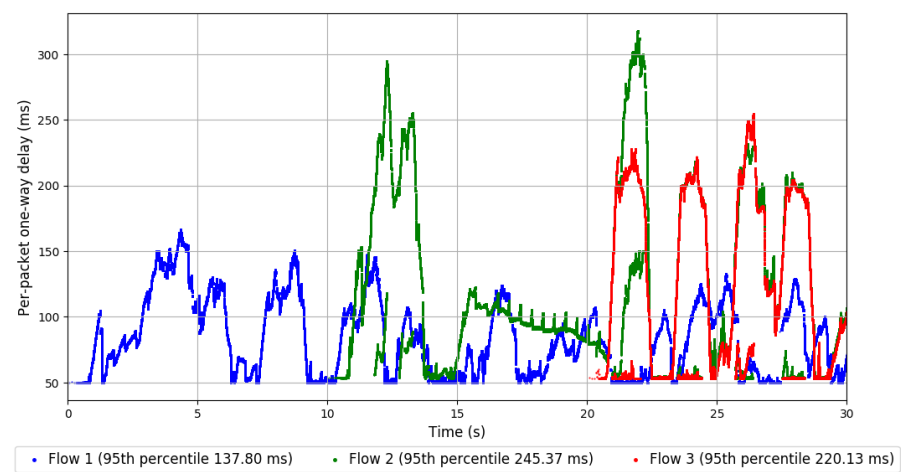
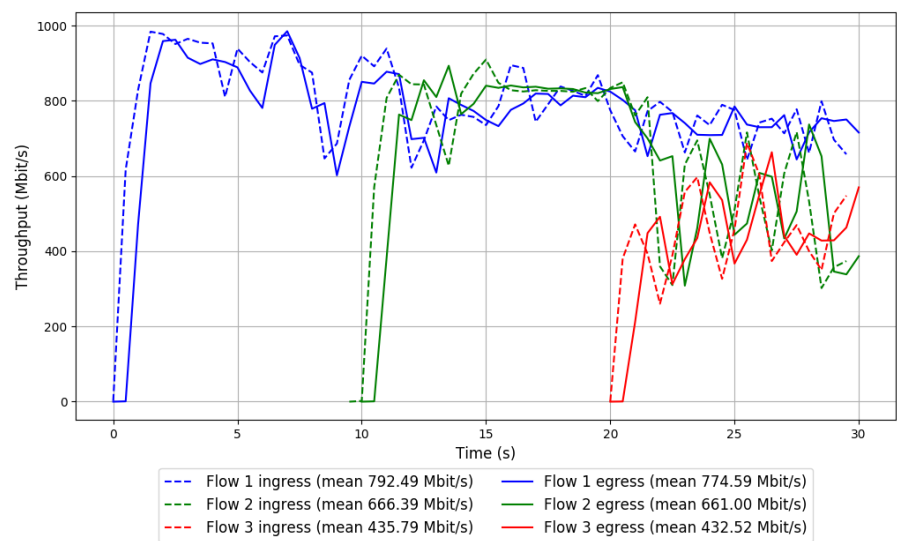


Run 7: Statistics of FillP

Start at: 2018-07-12 06:20:53
End at: 2018-07-12 06:21:23
Local clock offset: -0.069 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-12 09:05:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 1358.03 Mbit/s
95th percentile per-packet one-way delay: 208.292 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 774.59 Mbit/s
95th percentile per-packet one-way delay: 137.799 ms
Loss rate: 2.24%
-- Flow 2:
Average throughput: 661.00 Mbit/s
95th percentile per-packet one-way delay: 245.372 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 432.52 Mbit/s
95th percentile per-packet one-way delay: 220.130 ms
Loss rate: 0.74%

Run 7: Report of FillP — Data Link

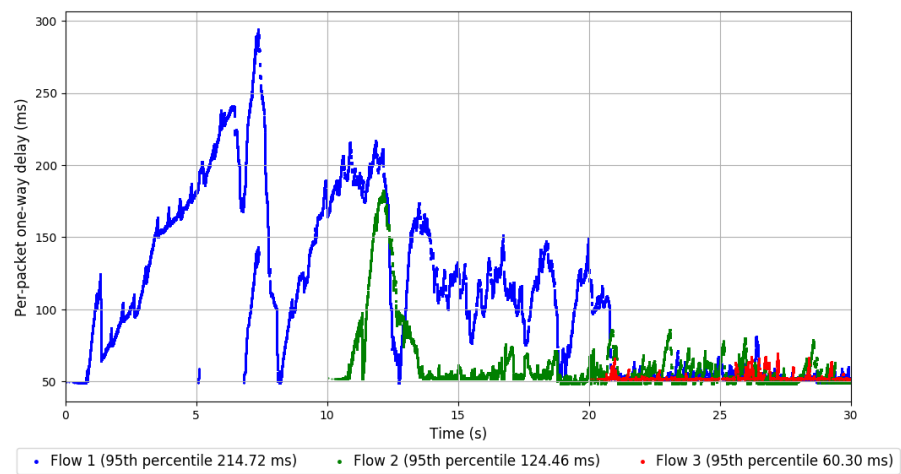
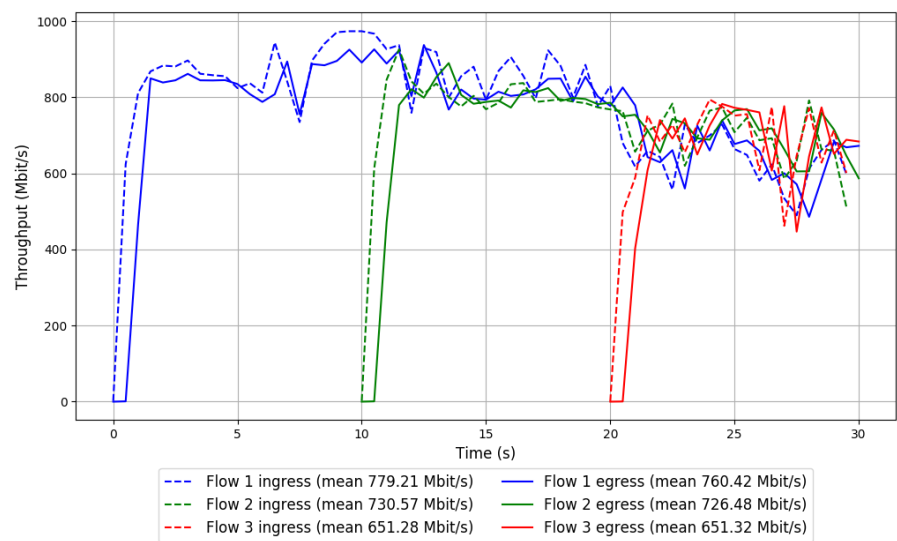


Run 8: Statistics of FillP

Start at: 2018-07-12 06:46:04
End at: 2018-07-12 06:46:34
Local clock offset: -0.084 ms
Remote clock offset: -1.438 ms

Below is generated by plot.py at 2018-07-12 09:07:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 1459.70 Mbit/s
95th percentile per-packet one-way delay: 196.870 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 760.42 Mbit/s
95th percentile per-packet one-way delay: 214.725 ms
Loss rate: 2.41%
-- Flow 2:
Average throughput: 726.48 Mbit/s
95th percentile per-packet one-way delay: 124.456 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 651.32 Mbit/s
95th percentile per-packet one-way delay: 60.300 ms
Loss rate: 0.00%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-07-12 07:10:38

End at: 2018-07-12 07:11:08

Local clock offset: -0.042 ms

Remote clock offset: 1.162 ms

Below is generated by plot.py at 2018-07-12 09:30:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 1453.25 Mbit/s

95th percentile per-packet one-way delay: 144.383 ms

Loss rate: 1.73%

-- Flow 1:

Average throughput: 767.48 Mbit/s

95th percentile per-packet one-way delay: 145.433 ms

Loss rate: 1.78%

-- Flow 2:

Average throughput: 717.85 Mbit/s

95th percentile per-packet one-way delay: 146.910 ms

Loss rate: 2.16%

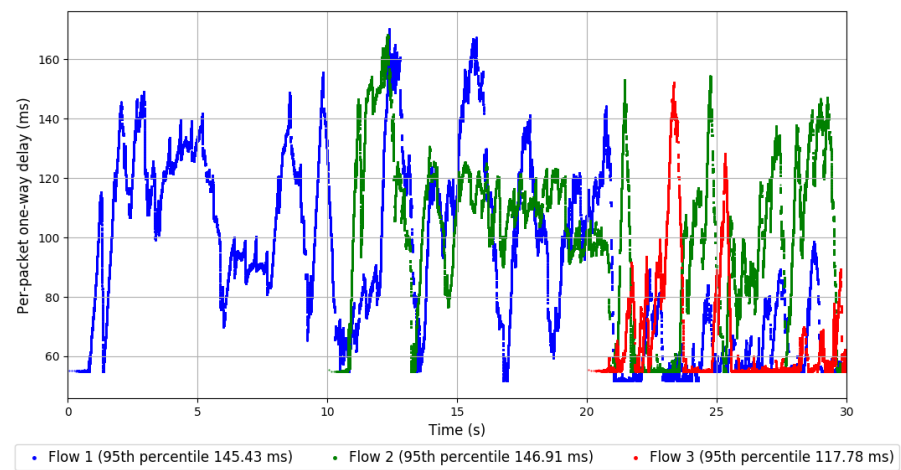
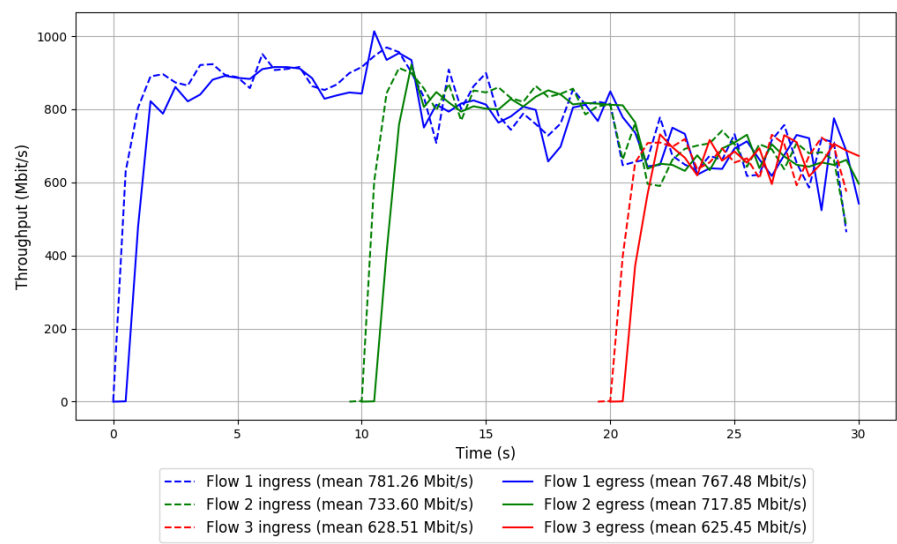
-- Flow 3:

Average throughput: 625.45 Mbit/s

95th percentile per-packet one-way delay: 117.776 ms

Loss rate: 0.52%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-07-12 07:35:17

End at: 2018-07-12 07:35:47

Local clock offset: 0.141 ms

Remote clock offset: 0.204 ms

Below is generated by plot.py at 2018-07-12 09:32:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 1527.44 Mbit/s

95th percentile per-packet one-way delay: 175.690 ms

Loss rate: 1.91%

-- Flow 1:

Average throughput: 804.70 Mbit/s

95th percentile per-packet one-way delay: 171.301 ms

Loss rate: 1.65%

-- Flow 2:

Average throughput: 758.03 Mbit/s

95th percentile per-packet one-way delay: 135.190 ms

Loss rate: 2.39%

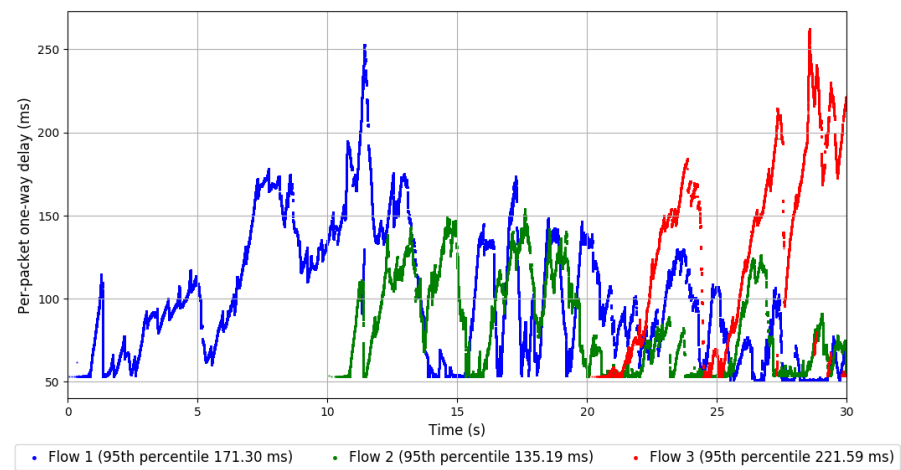
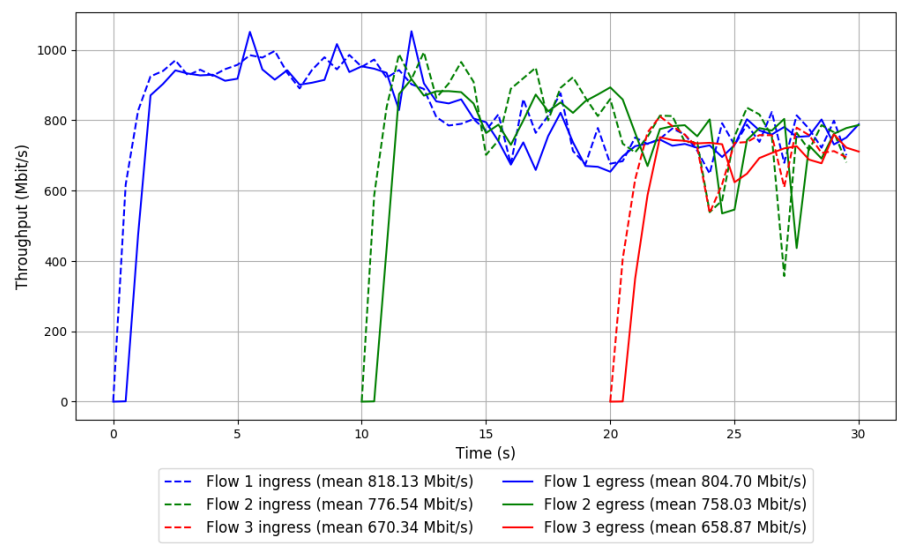
-- Flow 3:

Average throughput: 658.87 Mbit/s

95th percentile per-packet one-way delay: 221.593 ms

Loss rate: 1.74%

Run 10: Report of FillP — Data Link

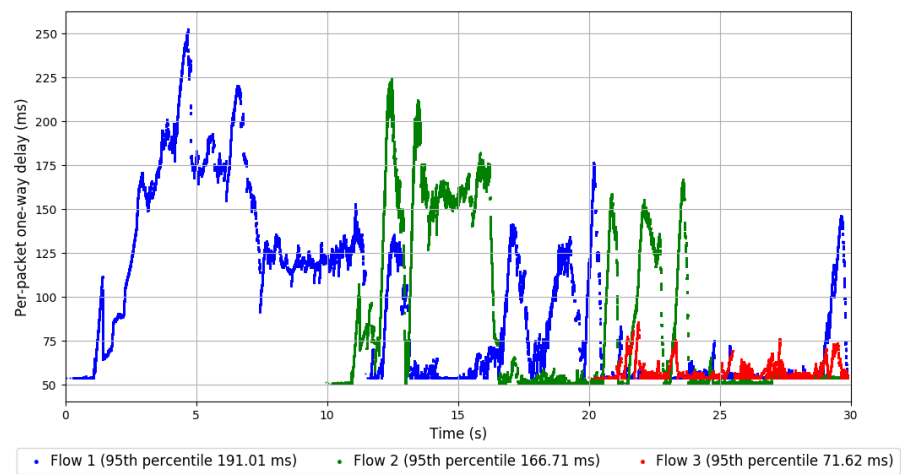
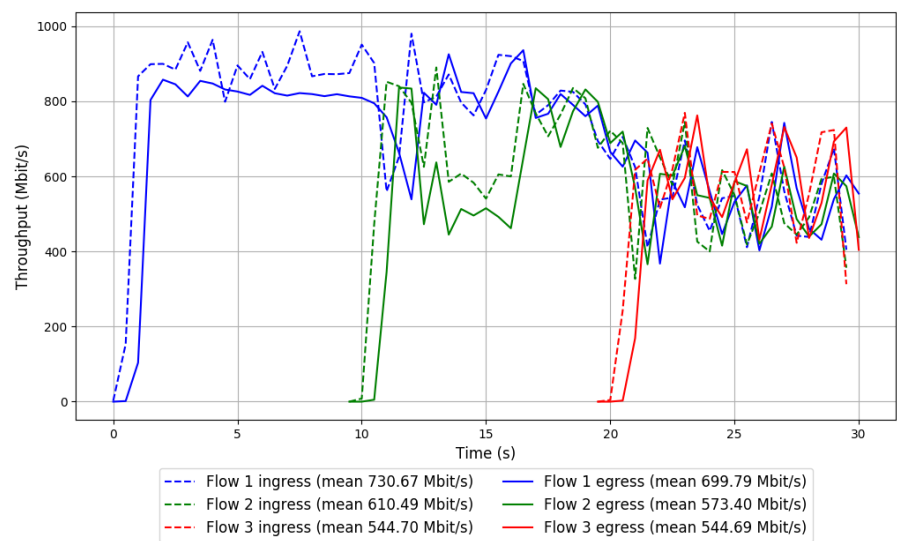


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-12 03:56:45
End at: 2018-07-12 03:57:15
Local clock offset: -0.103 ms
Remote clock offset: -0.132 ms

Below is generated by plot.py at 2018-07-12 09:32:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 1264.07 Mbit/s
95th percentile per-packet one-way delay: 180.565 ms
Loss rate: 4.21%
-- Flow 1:
Average throughput: 699.79 Mbit/s
95th percentile per-packet one-way delay: 191.009 ms
Loss rate: 4.22%
-- Flow 2:
Average throughput: 573.40 Mbit/s
95th percentile per-packet one-way delay: 166.706 ms
Loss rate: 6.06%
-- Flow 3:
Average throughput: 544.69 Mbit/s
95th percentile per-packet one-way delay: 71.618 ms
Loss rate: 0.00%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-07-12 04:21:34

End at: 2018-07-12 04:22:04

Local clock offset: -0.022 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2018-07-12 09:32:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 1232.98 Mbit/s

95th percentile per-packet one-way delay: 206.775 ms

Loss rate: 1.32%

-- Flow 1:

Average throughput: 646.24 Mbit/s

95th percentile per-packet one-way delay: 231.145 ms

Loss rate: 2.07%

-- Flow 2:

Average throughput: 640.56 Mbit/s

95th percentile per-packet one-way delay: 118.890 ms

Loss rate: 0.65%

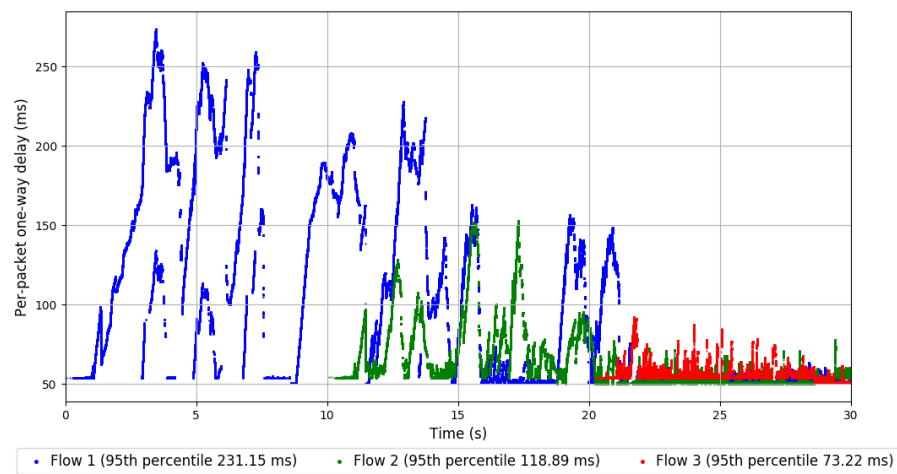
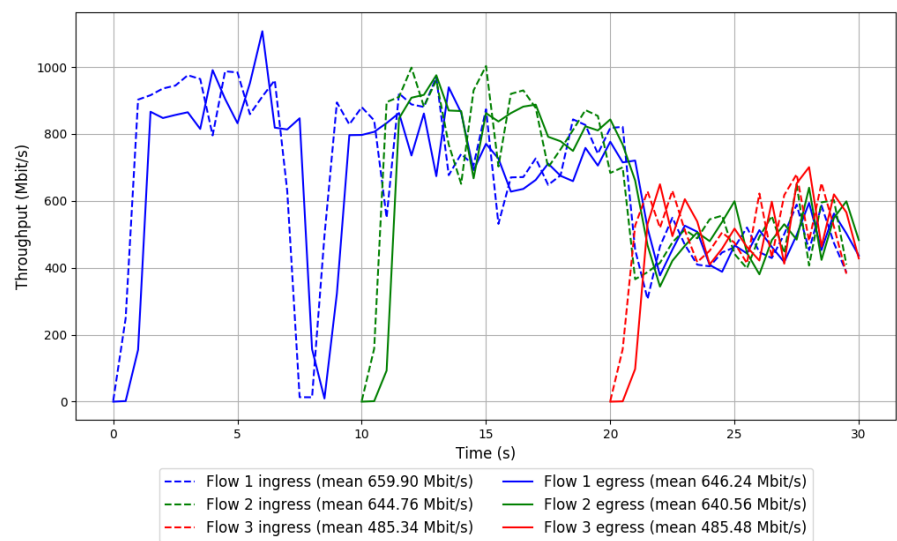
-- Flow 3:

Average throughput: 485.48 Mbit/s

95th percentile per-packet one-way delay: 73.224 ms

Loss rate: 0.00%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-07-12 04:46:09

End at: 2018-07-12 04:46:39

Local clock offset: 0.058 ms

Remote clock offset: 1.15 ms

Below is generated by plot.py at 2018-07-12 09:32:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 593.66 Mbit/s

95th percentile per-packet one-way delay: 249.441 ms

Loss rate: 6.55%

-- Flow 1:

Average throughput: 196.52 Mbit/s

95th percentile per-packet one-way delay: 258.257 ms

Loss rate: 2.69%

-- Flow 2:

Average throughput: 253.79 Mbit/s

95th percentile per-packet one-way delay: 255.771 ms

Loss rate: 4.98%

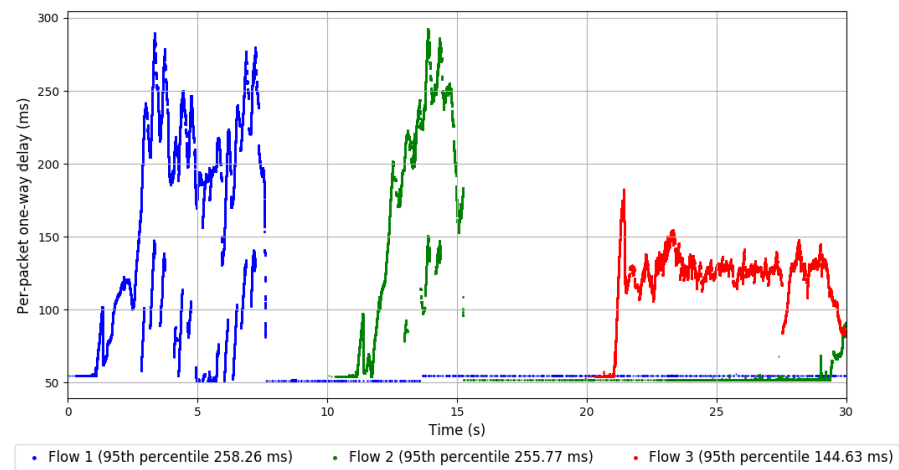
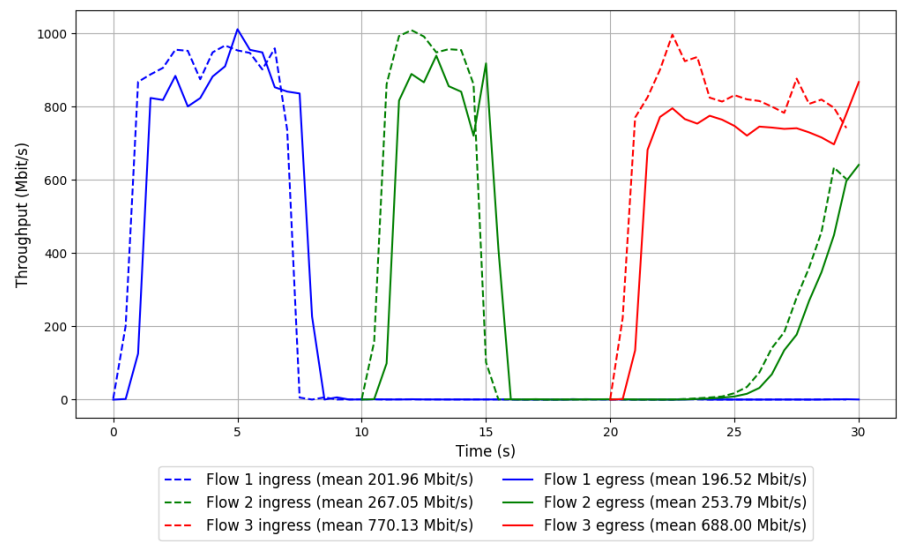
-- Flow 3:

Average throughput: 688.00 Mbit/s

95th percentile per-packet one-way delay: 144.628 ms

Loss rate: 10.69%

Run 3: Report of FillP-Sheep — Data Link

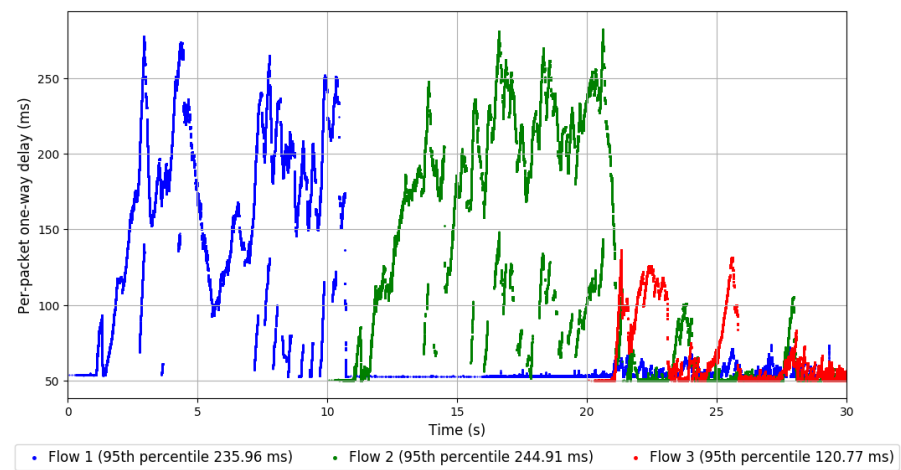
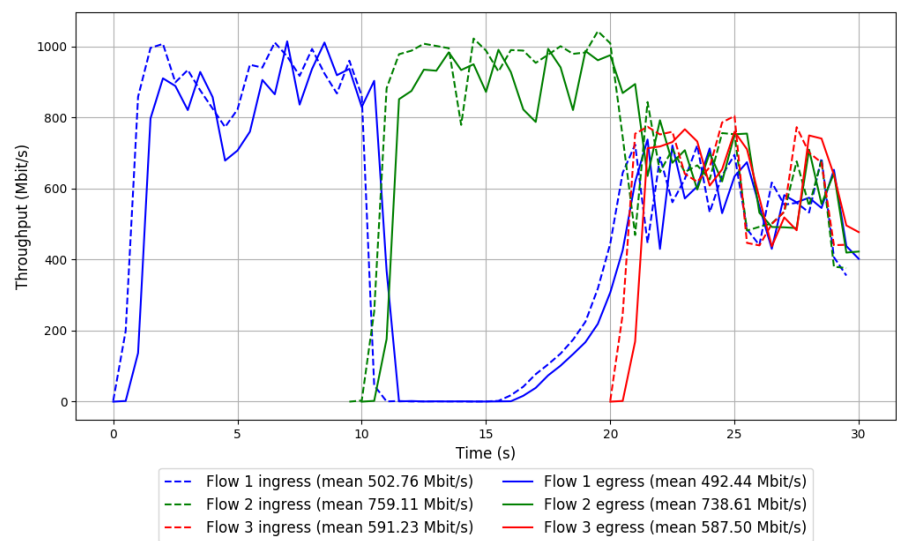


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-12 05:10:48
End at: 2018-07-12 05:11:18
Local clock offset: -0.068 ms
Remote clock offset: -0.178 ms

Below is generated by plot.py at 2018-07-12 09:32:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 1179.23 Mbit/s
95th percentile per-packet one-way delay: 238.464 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 492.44 Mbit/s
95th percentile per-packet one-way delay: 235.962 ms
Loss rate: 2.06%
-- Flow 2:
Average throughput: 738.61 Mbit/s
95th percentile per-packet one-way delay: 244.905 ms
Loss rate: 2.70%
-- Flow 3:
Average throughput: 587.50 Mbit/s
95th percentile per-packet one-way delay: 120.774 ms
Loss rate: 0.60%

Run 4: Report of FillP-Sheep — Data Link

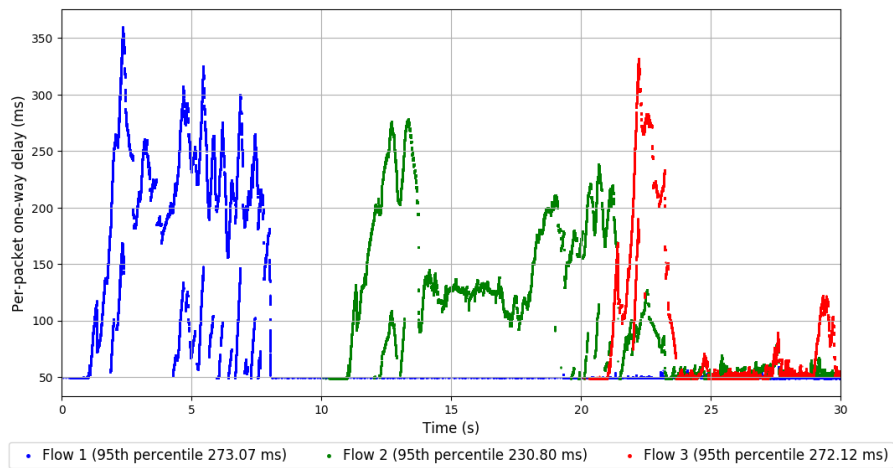
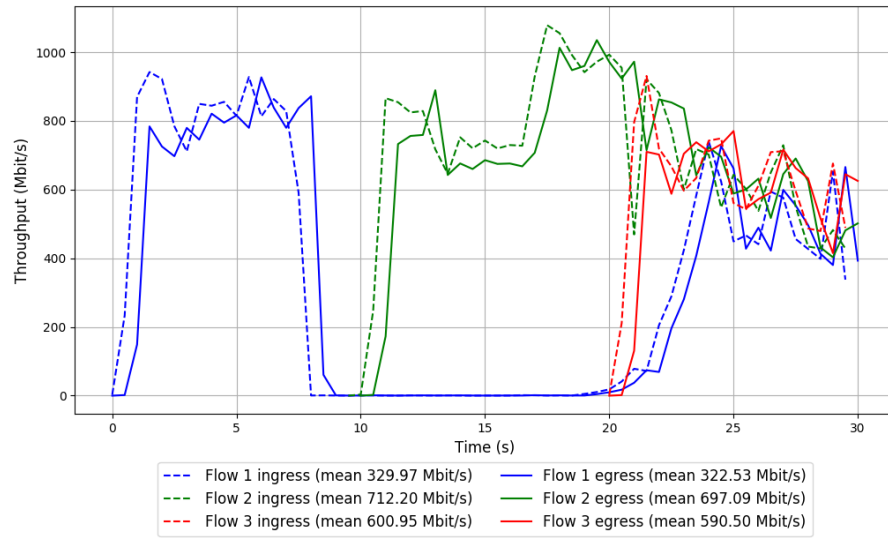


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-12 05:35:35
End at: 2018-07-12 05:36:05
Local clock offset: -0.094 ms
Remote clock offset: -1.561 ms

Below is generated by plot.py at 2018-07-12 09:32:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 982.42 Mbit/s
95th percentile per-packet one-way delay: 259.636 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 322.53 Mbit/s
95th percentile per-packet one-way delay: 273.071 ms
Loss rate: 2.26%
-- Flow 2:
Average throughput: 697.09 Mbit/s
95th percentile per-packet one-way delay: 230.801 ms
Loss rate: 2.10%
-- Flow 3:
Average throughput: 590.50 Mbit/s
95th percentile per-packet one-way delay: 272.125 ms
Loss rate: 1.71%

Run 5: Report of FillP-Sheep — Data Link

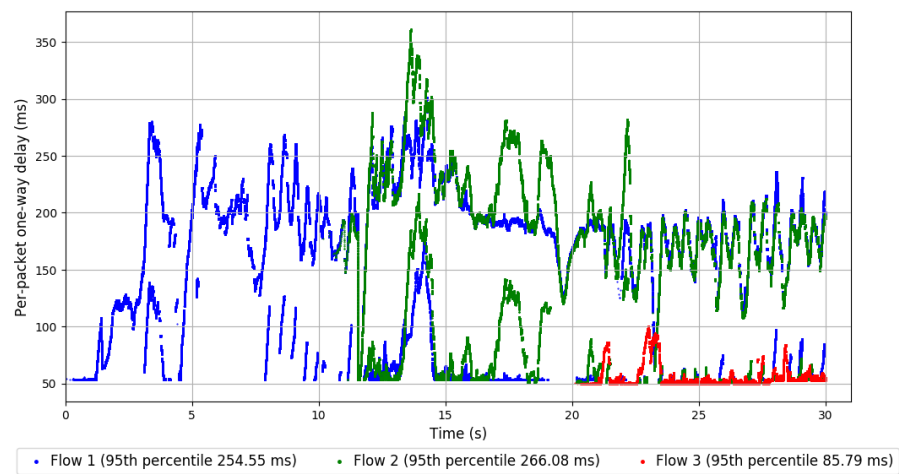
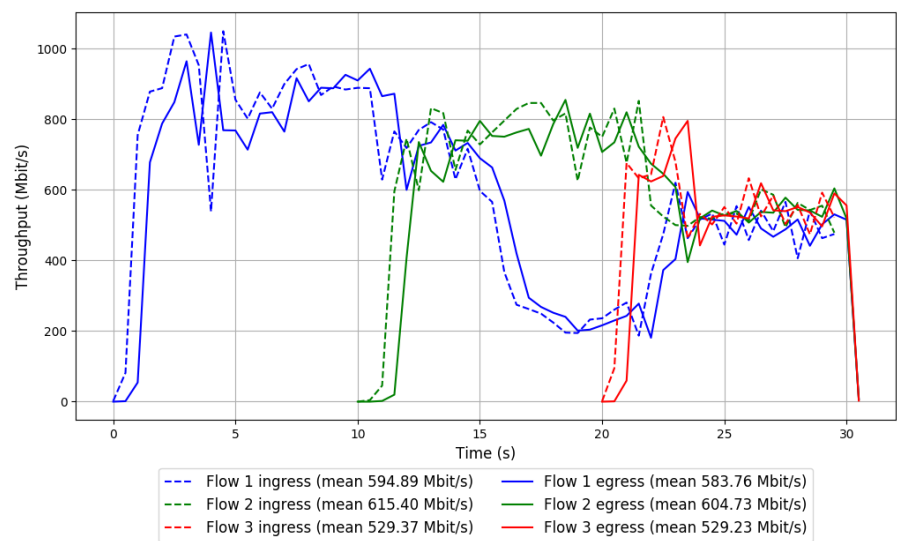


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-12 05:59:54
End at: 2018-07-12 06:00:24
Local clock offset: 0.047 ms
Remote clock offset: -0.065 ms

```
# Below is generated by plot.py at 2018-07-12 09:33:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1158.76 Mbit/s
95th percentile per-packet one-way delay: 256.279 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 583.76 Mbit/s
95th percentile per-packet one-way delay: 254.552 ms
Loss rate: 1.87%
-- Flow 2:
Average throughput: 604.73 Mbit/s
95th percentile per-packet one-way delay: 266.079 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 529.23 Mbit/s
95th percentile per-packet one-way delay: 85.793 ms
Loss rate: 0.00%
```

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-07-12 06:24:35

End at: 2018-07-12 06:25:05

Local clock offset: -0.085 ms

Remote clock offset: 1.346 ms

Below is generated by plot.py at 2018-07-12 09:47:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 1278.16 Mbit/s

95th percentile per-packet one-way delay: 180.530 ms

Loss rate: 3.45%

-- Flow 1:

Average throughput: 688.31 Mbit/s

95th percentile per-packet one-way delay: 207.520 ms

Loss rate: 3.47%

-- Flow 2:

Average throughput: 628.51 Mbit/s

95th percentile per-packet one-way delay: 165.953 ms

Loss rate: 4.77%

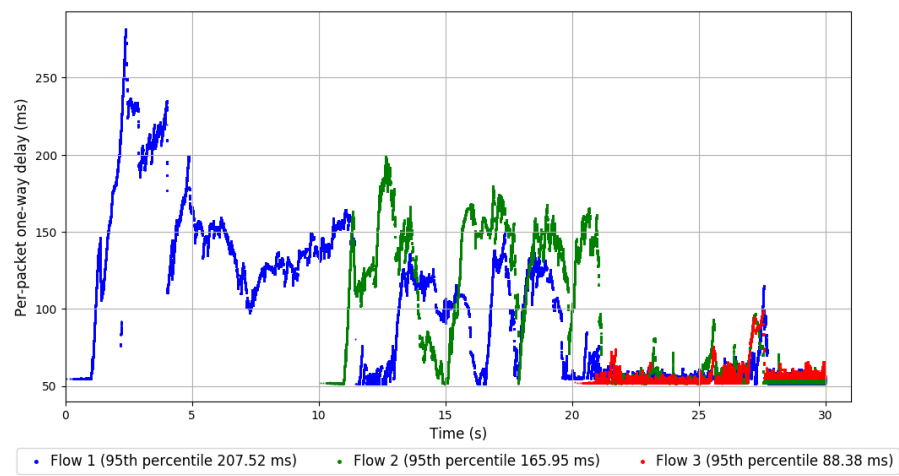
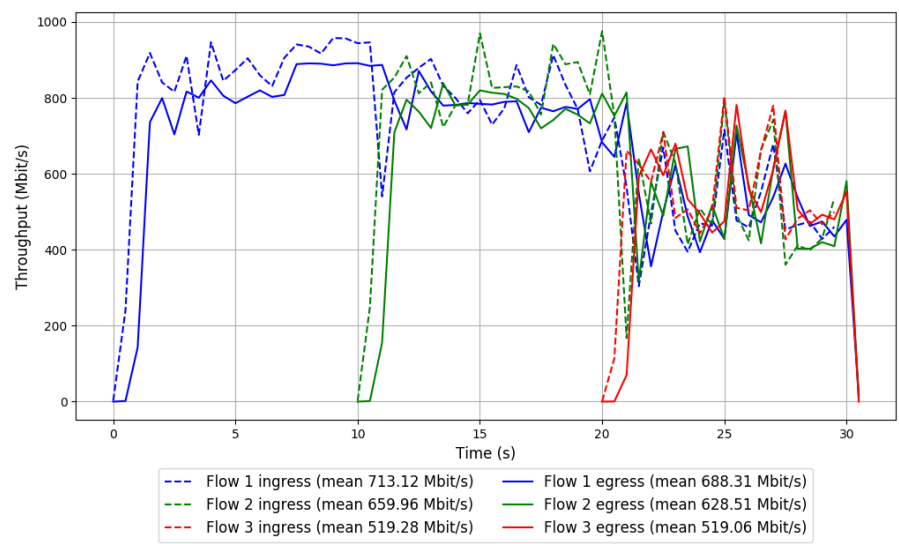
-- Flow 3:

Average throughput: 519.06 Mbit/s

95th percentile per-packet one-way delay: 88.376 ms

Loss rate: 0.00%

Run 7: Report of FillP-Sheep — Data Link

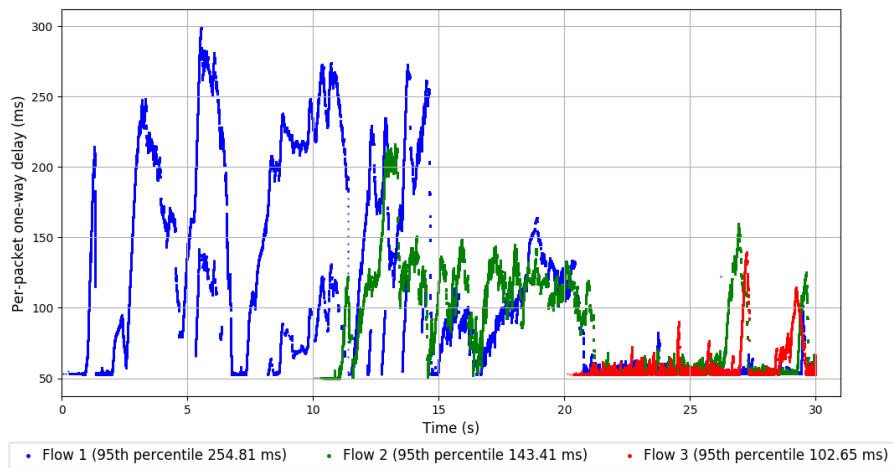
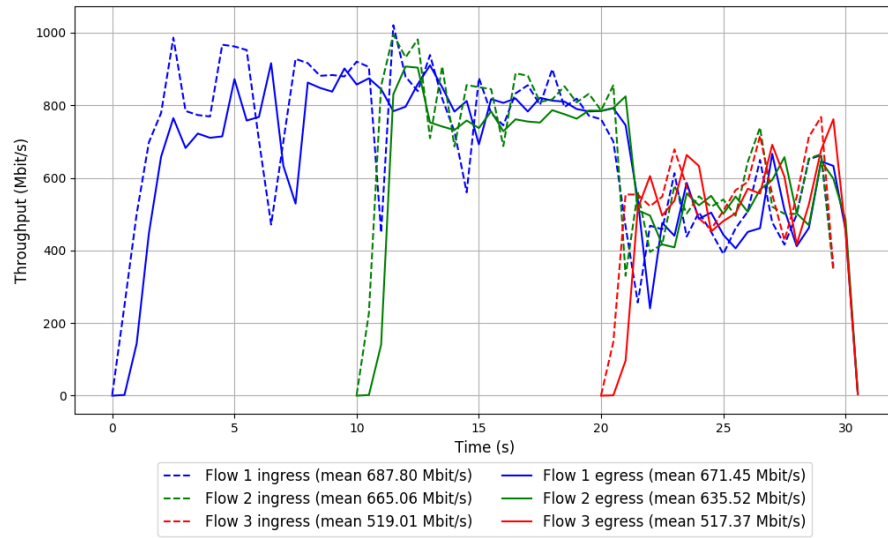


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-12 06:49:41
End at: 2018-07-12 06:50:11
Local clock offset: 0.15 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-07-12 09:54:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 1265.42 Mbit/s
95th percentile per-packet one-way delay: 234.375 ms
Loss rate: 2.80%
-- Flow 1:
Average throughput: 671.45 Mbit/s
95th percentile per-packet one-way delay: 254.813 ms
Loss rate: 2.39%
-- Flow 2:
Average throughput: 635.52 Mbit/s
95th percentile per-packet one-way delay: 143.408 ms
Loss rate: 4.43%
-- Flow 3:
Average throughput: 517.37 Mbit/s
95th percentile per-packet one-way delay: 102.650 ms
Loss rate: 0.28%

Run 8: Report of FillP-Sheep — Data Link

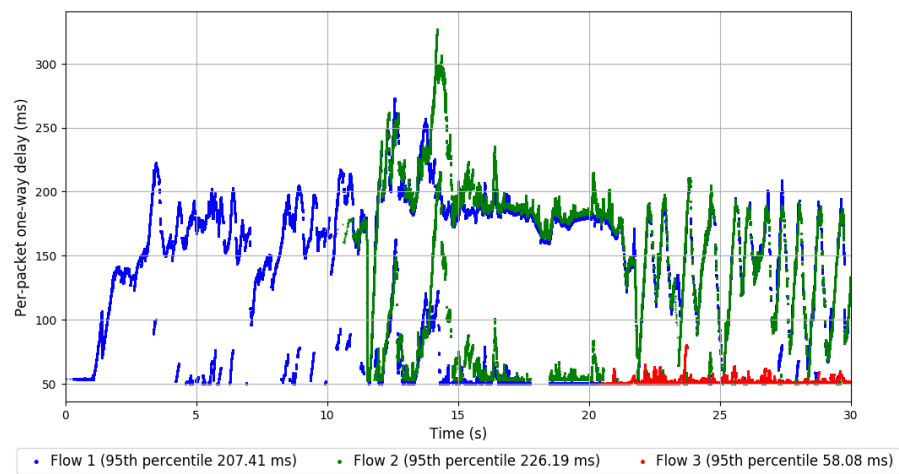
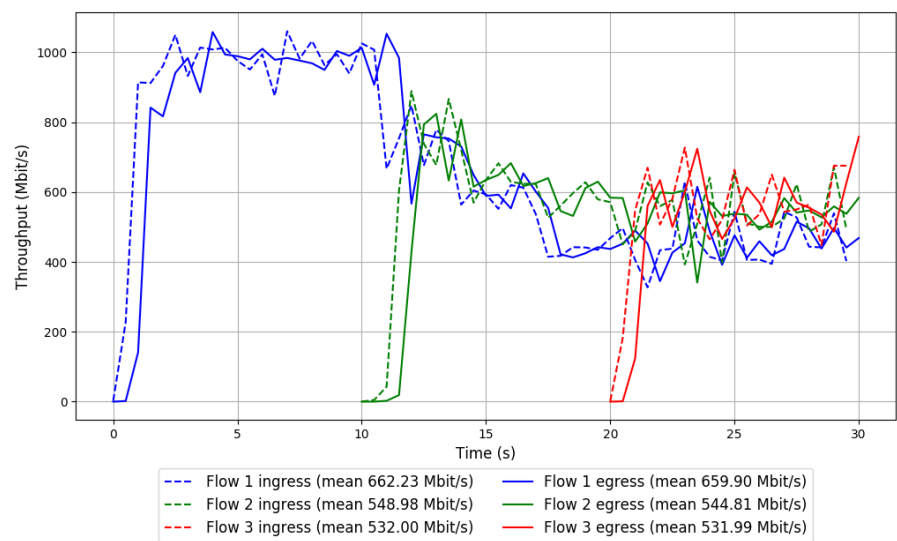


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-12 07:14:19
End at: 2018-07-12 07:14:49
Local clock offset: -0.201 ms
Remote clock offset: -0.242 ms

Below is generated by plot.py at 2018-07-12 09:54:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 1196.80 Mbit/s
95th percentile per-packet one-way delay: 210.288 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 659.90 Mbit/s
95th percentile per-packet one-way delay: 207.411 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 544.81 Mbit/s
95th percentile per-packet one-way delay: 226.191 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 531.99 Mbit/s
95th percentile per-packet one-way delay: 58.084 ms
Loss rate: 0.00%

Run 9: Report of FillP-Sheep — Data Link

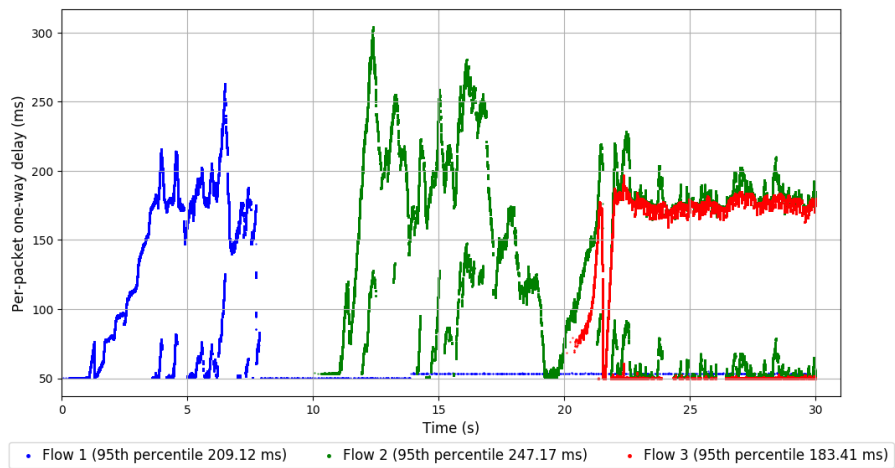
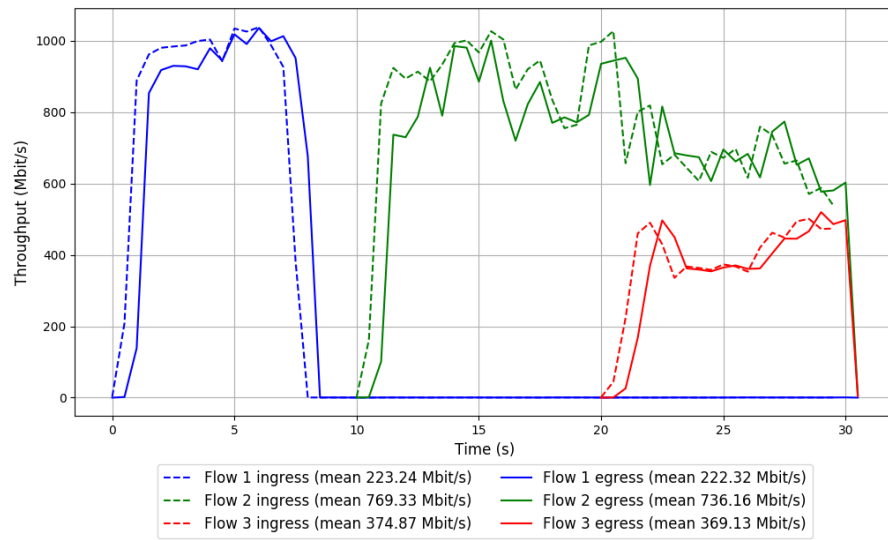


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-12 07:38:58
End at: 2018-07-12 07:39:28
Local clock offset: -0.06 ms
Remote clock offset: -0.359 ms

Below is generated by plot.py at 2018-07-12 09:54:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 834.33 Mbit/s
95th percentile per-packet one-way delay: 235.978 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 222.32 Mbit/s
95th percentile per-packet one-way delay: 209.122 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 736.16 Mbit/s
95th percentile per-packet one-way delay: 247.168 ms
Loss rate: 4.32%
-- Flow 3:
Average throughput: 369.13 Mbit/s
95th percentile per-packet one-way delay: 183.414 ms
Loss rate: 1.71%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-07-12 03:51:28

End at: 2018-07-12 03:51:58

Local clock offset: 0.048 ms

Remote clock offset: 1.251 ms

Below is generated by plot.py at 2018-07-12 09:54:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 321.08 Mbit/s

95th percentile per-packet one-way delay: 56.910 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 155.84 Mbit/s

95th percentile per-packet one-way delay: 56.555 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 169.62 Mbit/s

95th percentile per-packet one-way delay: 56.945 ms

Loss rate: 0.01%

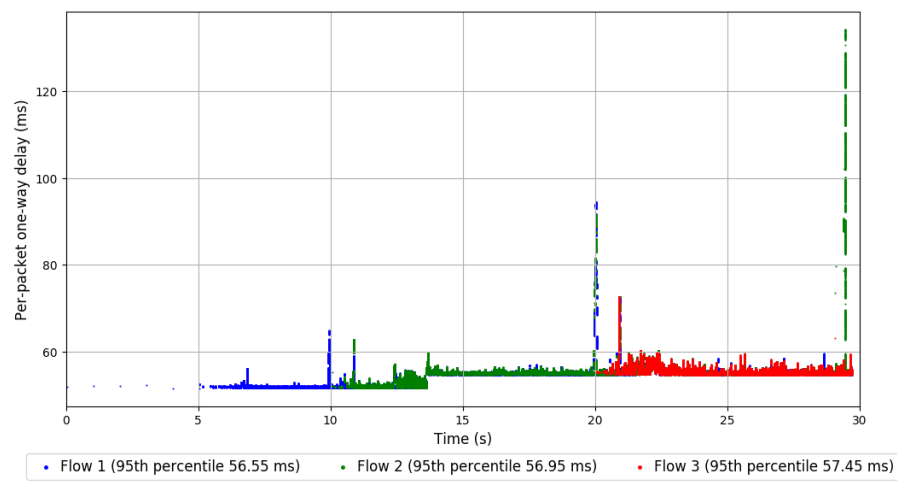
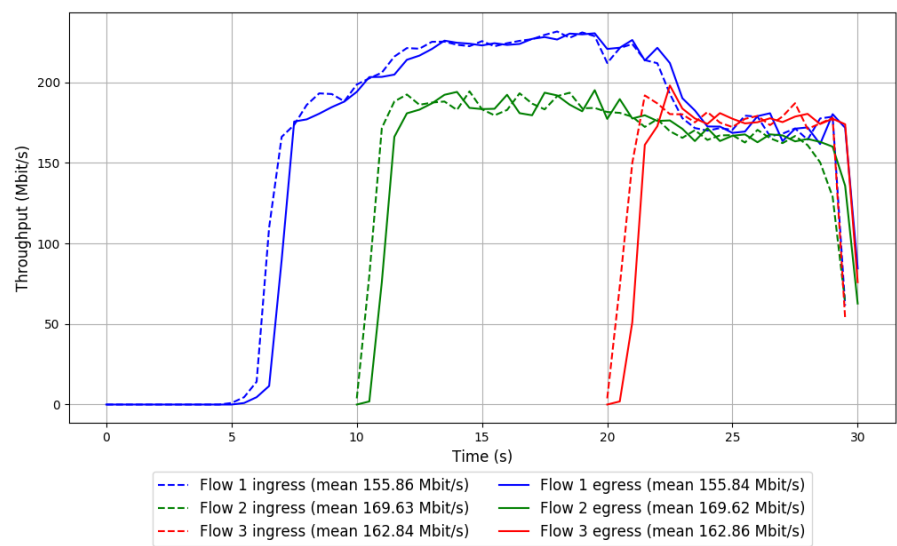
-- Flow 3:

Average throughput: 162.86 Mbit/s

95th percentile per-packet one-way delay: 57.446 ms

Loss rate: 0.03%

Run 1: Report of Indigo — Data Link

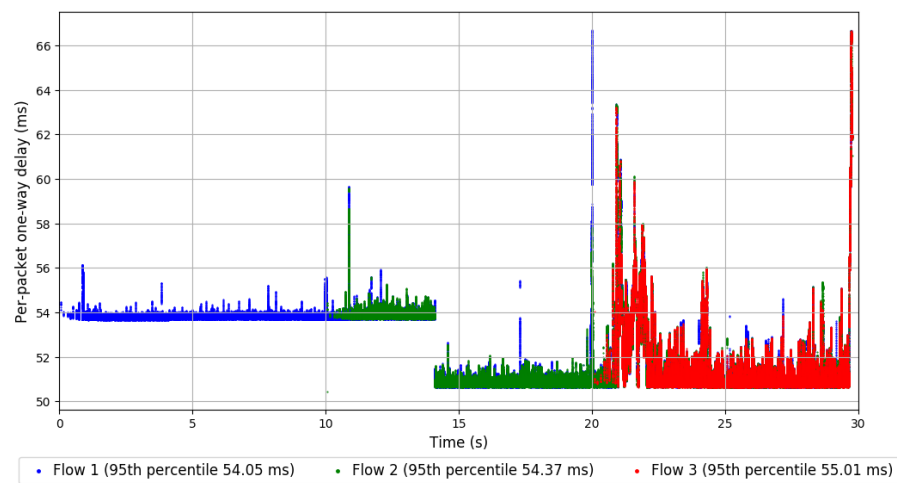
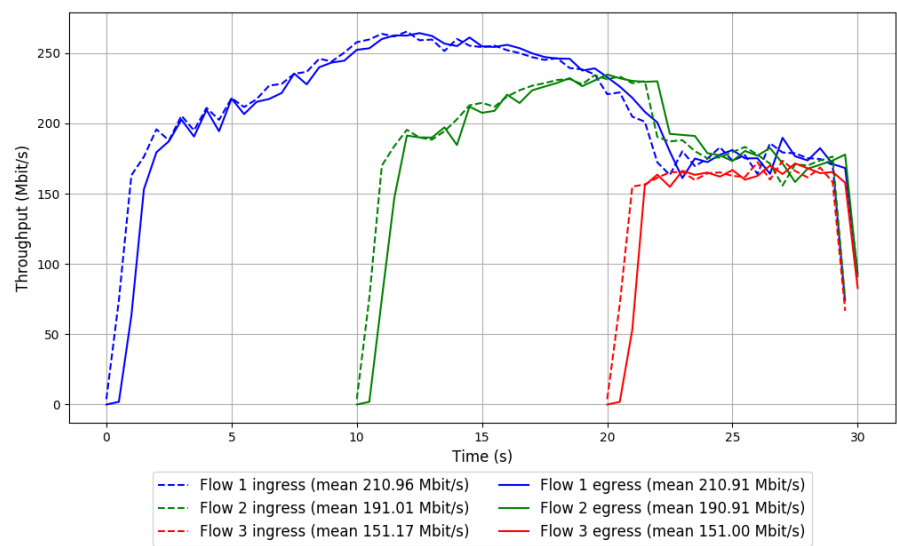


Run 2: Statistics of Indigo

Start at: 2018-07-12 04:16:18
End at: 2018-07-12 04:16:48
Local clock offset: -0.247 ms
Remote clock offset: -0.088 ms

Below is generated by plot.py at 2018-07-12 09:54:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 386.65 Mbit/s
95th percentile per-packet one-way delay: 54.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 210.91 Mbit/s
95th percentile per-packet one-way delay: 54.048 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 190.91 Mbit/s
95th percentile per-packet one-way delay: 54.367 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 151.00 Mbit/s
95th percentile per-packet one-way delay: 55.008 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

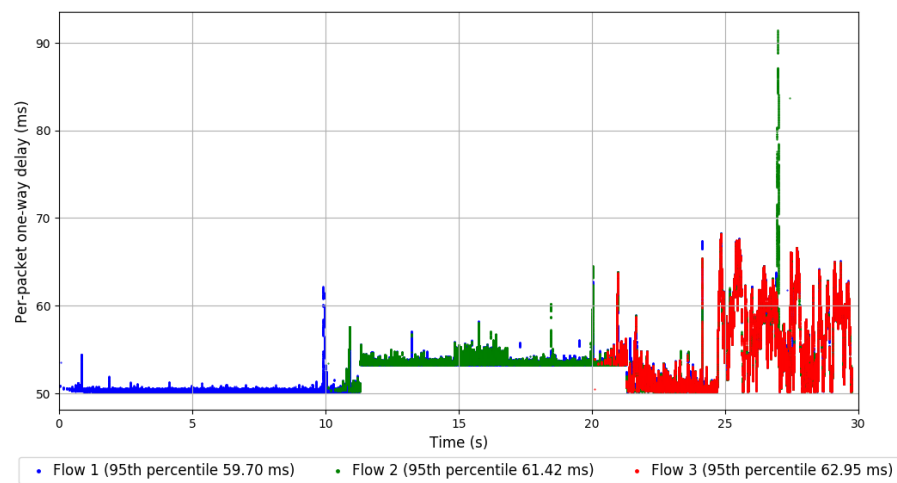
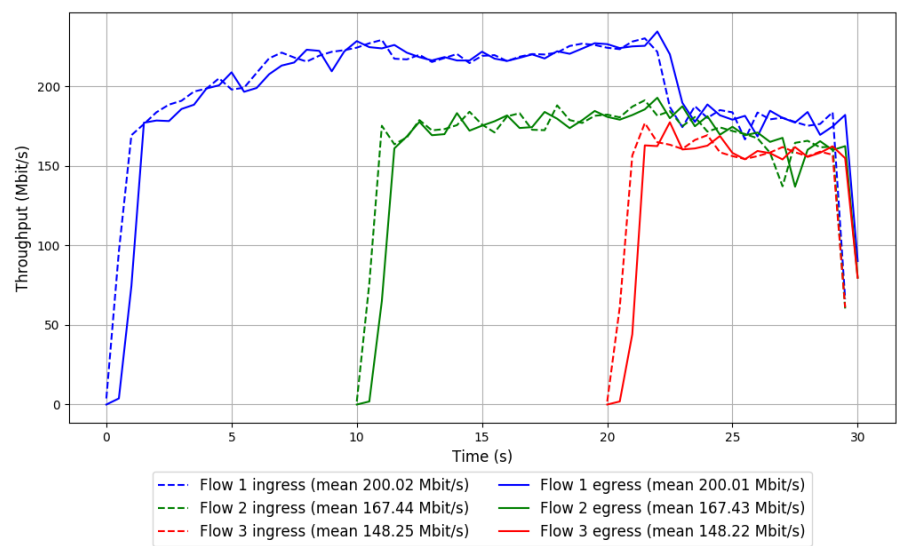


Run 3: Statistics of Indigo

Start at: 2018-07-12 04:41:01
End at: 2018-07-12 04:41:31
Local clock offset: -0.092 ms
Remote clock offset: -0.334 ms

Below is generated by plot.py at 2018-07-12 09:54:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 358.86 Mbit/s
95th percentile per-packet one-way delay: 61.095 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.01 Mbit/s
95th percentile per-packet one-way delay: 59.695 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 167.43 Mbit/s
95th percentile per-packet one-way delay: 61.425 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 148.22 Mbit/s
95th percentile per-packet one-way delay: 62.947 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

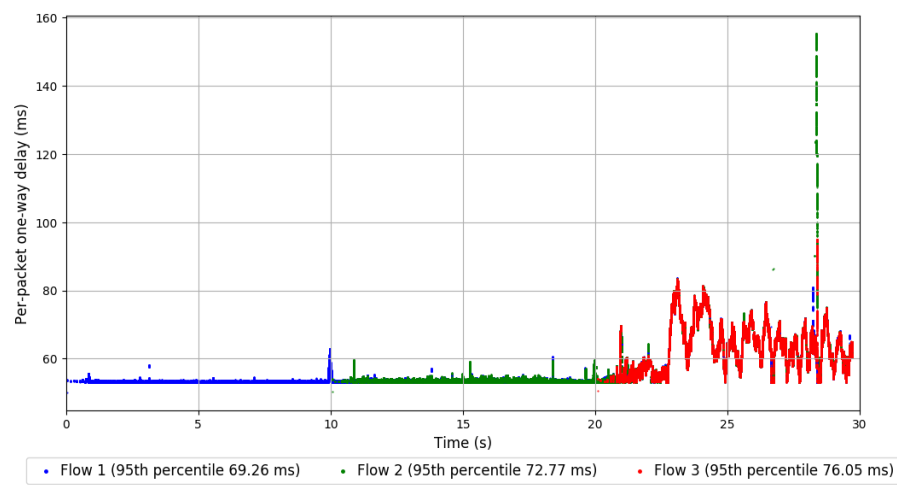
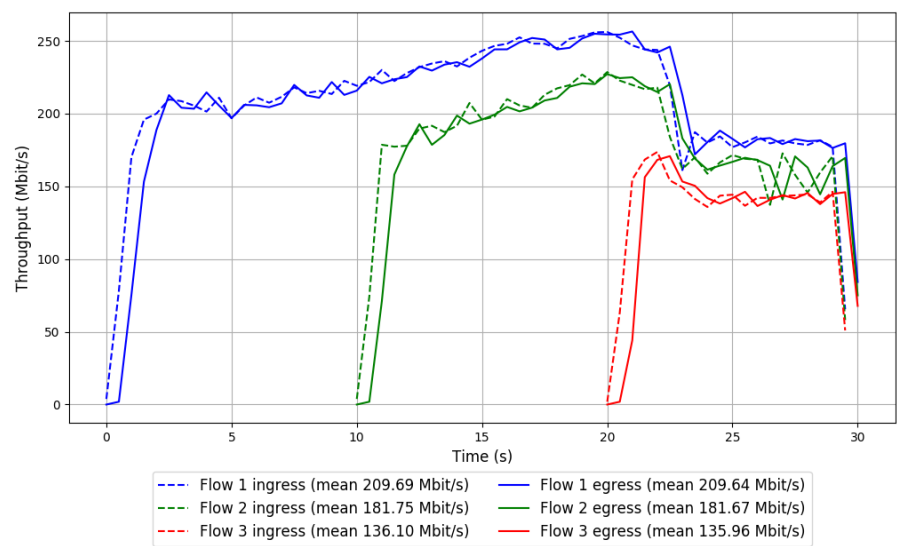


Run 4: Statistics of Indigo

Start at: 2018-07-12 05:05:23
End at: 2018-07-12 05:05:53
Local clock offset: 0.14 ms
Remote clock offset: -0.238 ms

```
# Below is generated by plot.py at 2018-07-12 09:54:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 374.11 Mbit/s
95th percentile per-packet one-way delay: 71.947 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 209.64 Mbit/s
95th percentile per-packet one-way delay: 69.264 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 181.67 Mbit/s
95th percentile per-packet one-way delay: 72.765 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 135.96 Mbit/s
95th percentile per-packet one-way delay: 76.052 ms
Loss rate: 0.05%
```

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2018-07-12 05:30:13

End at: 2018-07-12 05:30:43

Local clock offset: -0.002 ms

Remote clock offset: -0.26 ms

Below is generated by plot.py at 2018-07-12 09:54:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 387.89 Mbit/s

95th percentile per-packet one-way delay: 73.110 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 212.26 Mbit/s

95th percentile per-packet one-way delay: 70.120 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 187.43 Mbit/s

95th percentile per-packet one-way delay: 73.275 ms

Loss rate: 0.02%

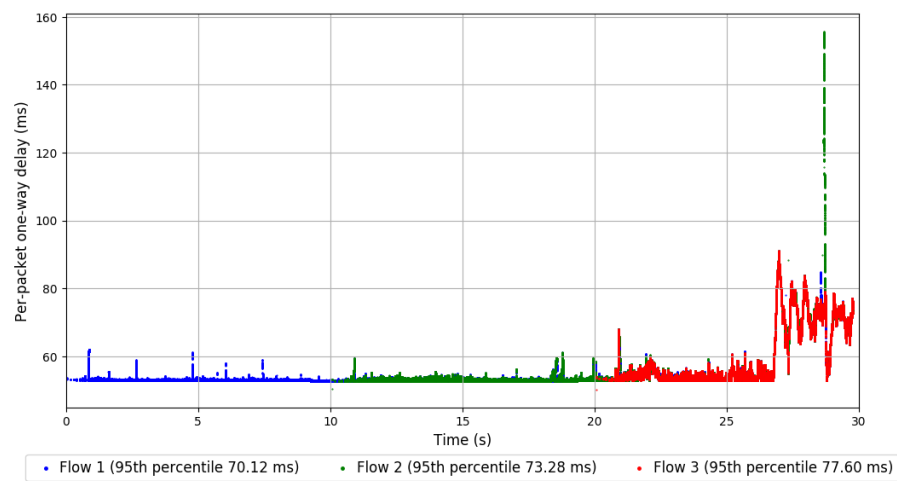
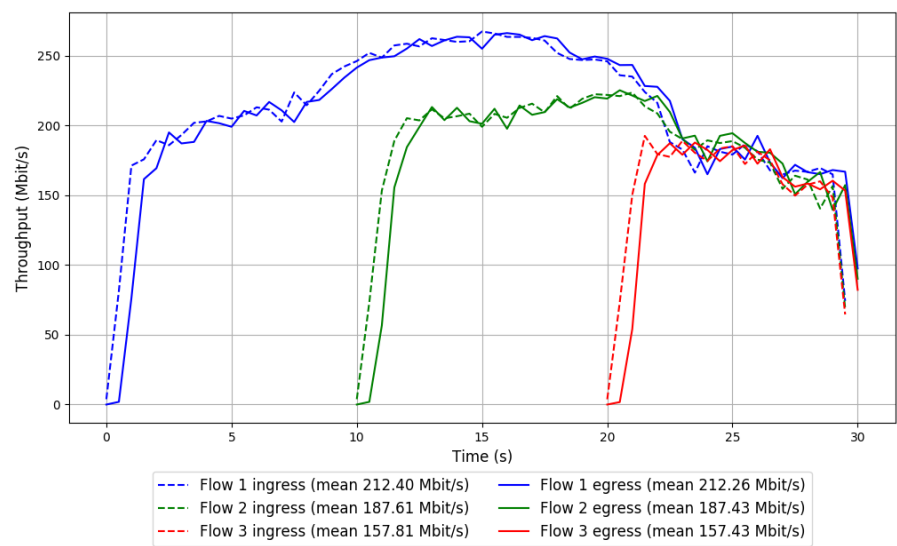
-- Flow 3:

Average throughput: 157.43 Mbit/s

95th percentile per-packet one-way delay: 77.602 ms

Loss rate: 0.04%

Run 5: Report of Indigo — Data Link

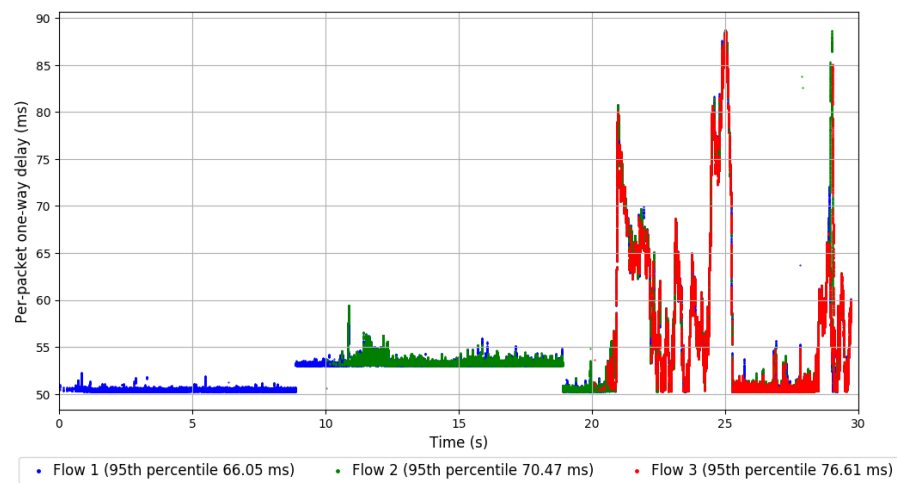
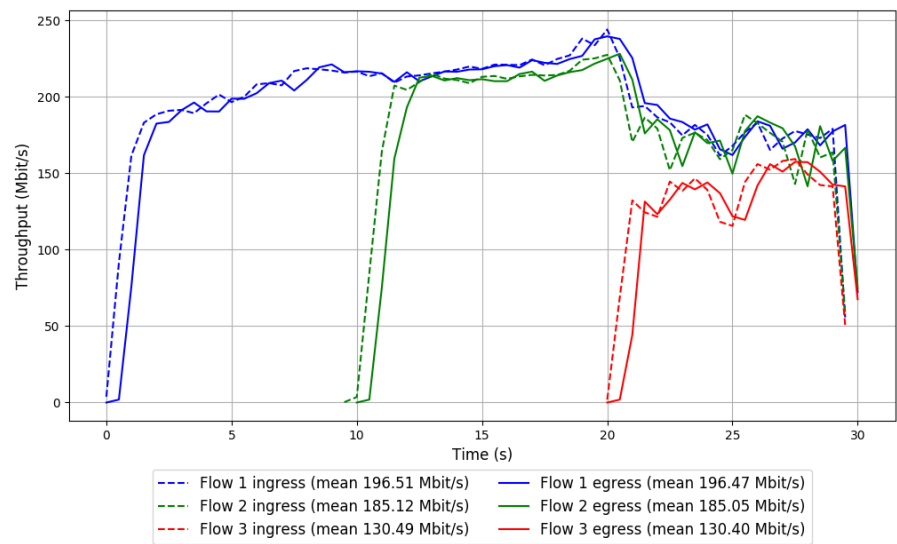


Run 6: Statistics of Indigo

Start at: 2018-07-12 05:54:43
End at: 2018-07-12 05:55:13
Local clock offset: 0.032 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-07-12 09:54:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 361.38 Mbit/s
95th percentile per-packet one-way delay: 68.620 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 196.47 Mbit/s
95th percentile per-packet one-way delay: 66.052 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 185.05 Mbit/s
95th percentile per-packet one-way delay: 70.473 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 130.40 Mbit/s
95th percentile per-packet one-way delay: 76.610 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-07-12 06:19:21

End at: 2018-07-12 06:19:51

Local clock offset: -0.157 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2018-07-12 09:54:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 374.00 Mbit/s

95th percentile per-packet one-way delay: 53.375 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 196.11 Mbit/s

95th percentile per-packet one-way delay: 53.396 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 192.55 Mbit/s

95th percentile per-packet one-way delay: 52.919 ms

Loss rate: 0.00%

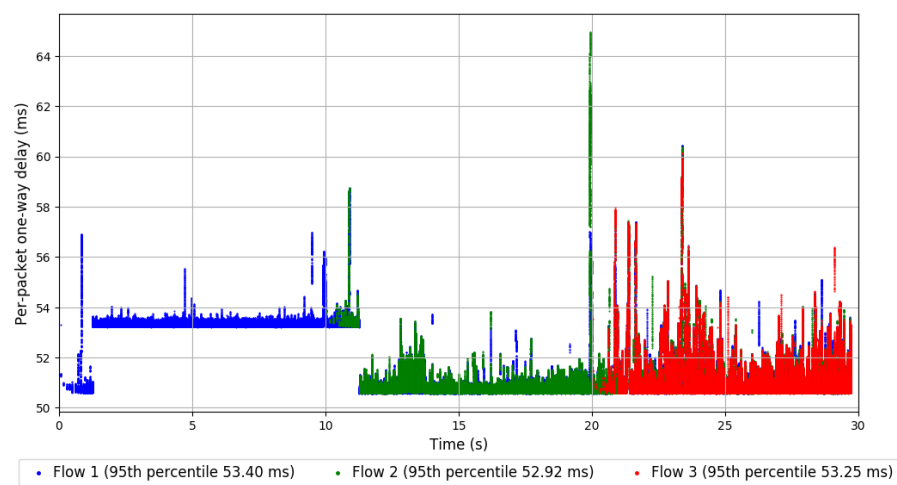
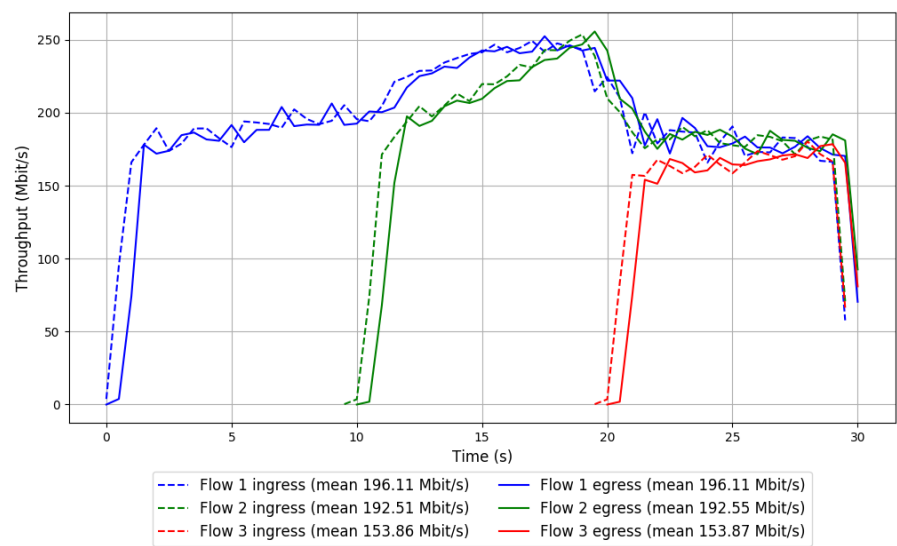
-- Flow 3:

Average throughput: 153.87 Mbit/s

95th percentile per-packet one-way delay: 53.253 ms

Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

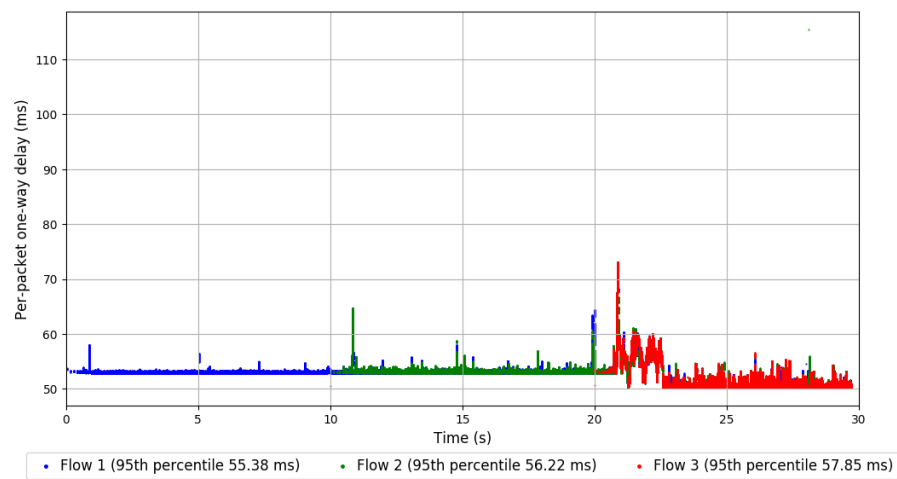
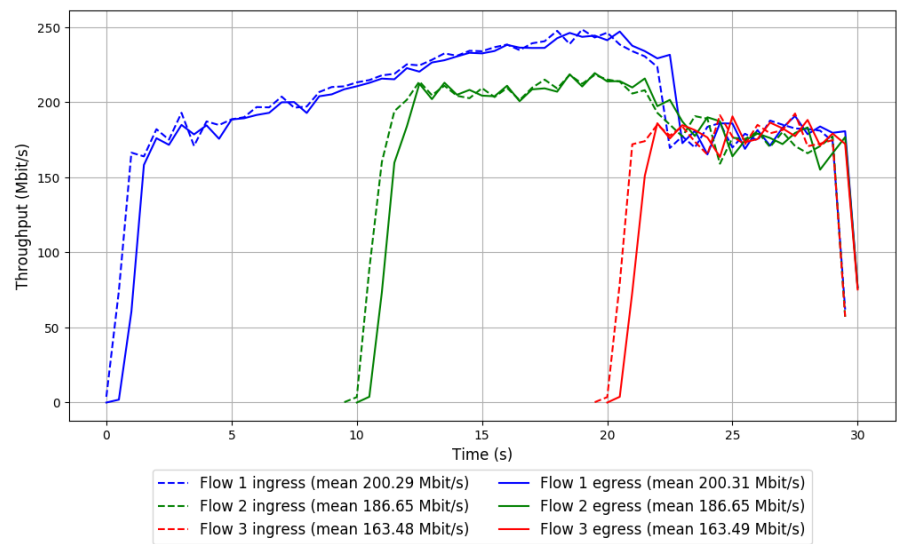


Run 8: Statistics of Indigo

Start at: 2018-07-12 06:44:31
End at: 2018-07-12 06:45:01
Local clock offset: 0.13 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-07-12 09:54:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 377.74 Mbit/s
95th percentile per-packet one-way delay: 56.230 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.31 Mbit/s
95th percentile per-packet one-way delay: 55.382 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 186.65 Mbit/s
95th percentile per-packet one-way delay: 56.224 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 163.49 Mbit/s
95th percentile per-packet one-way delay: 57.846 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-07-12 07:09:06

End at: 2018-07-12 07:09:36

Local clock offset: -0.023 ms

Remote clock offset: 1.234 ms

Below is generated by plot.py at 2018-07-12 09:54:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 376.87 Mbit/s

95th percentile per-packet one-way delay: 52.567 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 205.65 Mbit/s

95th percentile per-packet one-way delay: 52.390 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 183.16 Mbit/s

95th percentile per-packet one-way delay: 52.677 ms

Loss rate: 0.00%

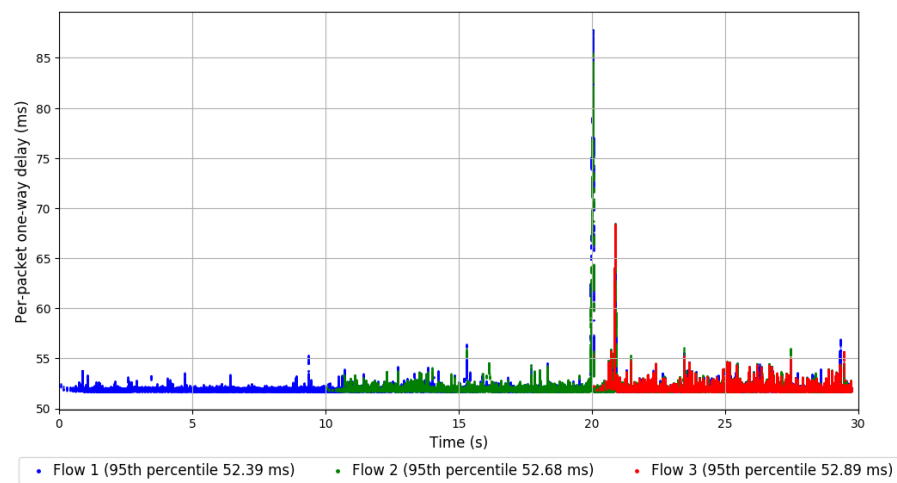
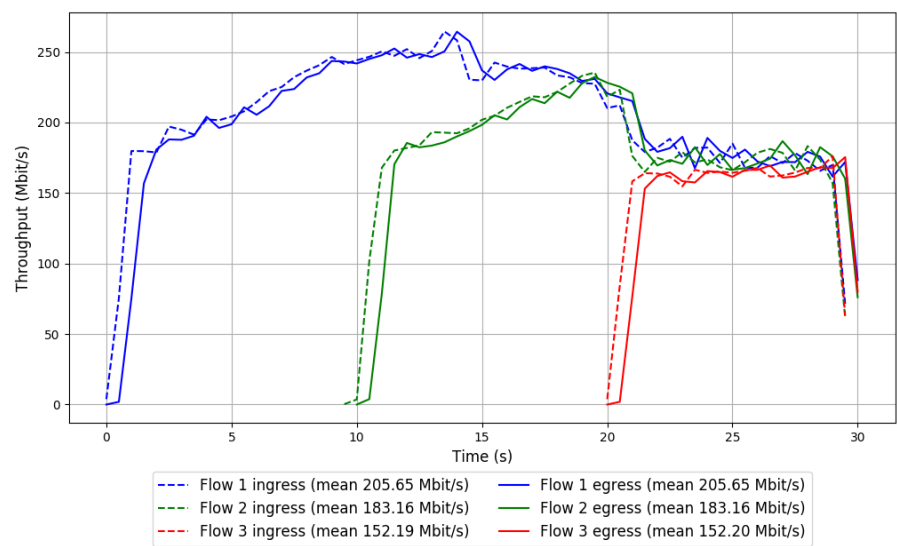
-- Flow 3:

Average throughput: 152.20 Mbit/s

95th percentile per-packet one-way delay: 52.891 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-12 07:33:44

End at: 2018-07-12 07:34:14

Local clock offset: -0.15 ms

Remote clock offset: 0.216 ms

Below is generated by plot.py at 2018-07-12 09:54:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 377.00 Mbit/s

95th percentile per-packet one-way delay: 66.115 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 209.22 Mbit/s

95th percentile per-packet one-way delay: 64.731 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 187.68 Mbit/s

95th percentile per-packet one-way delay: 66.613 ms

Loss rate: 0.01%

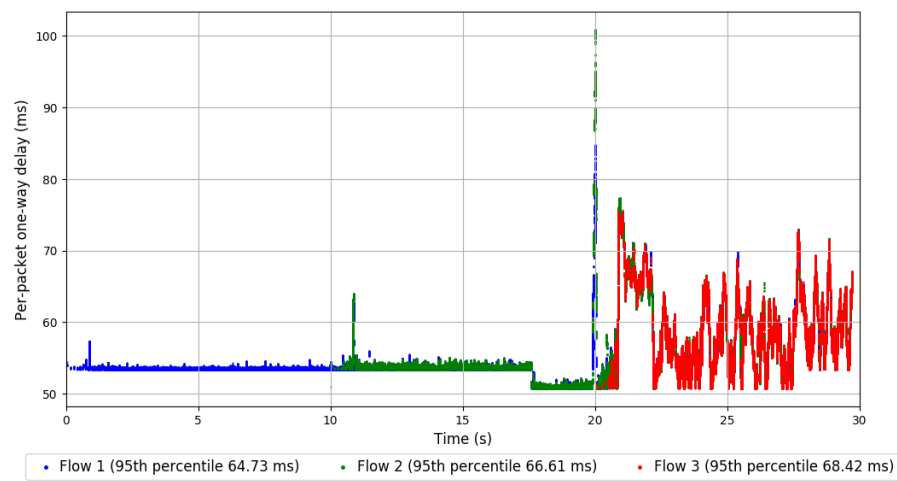
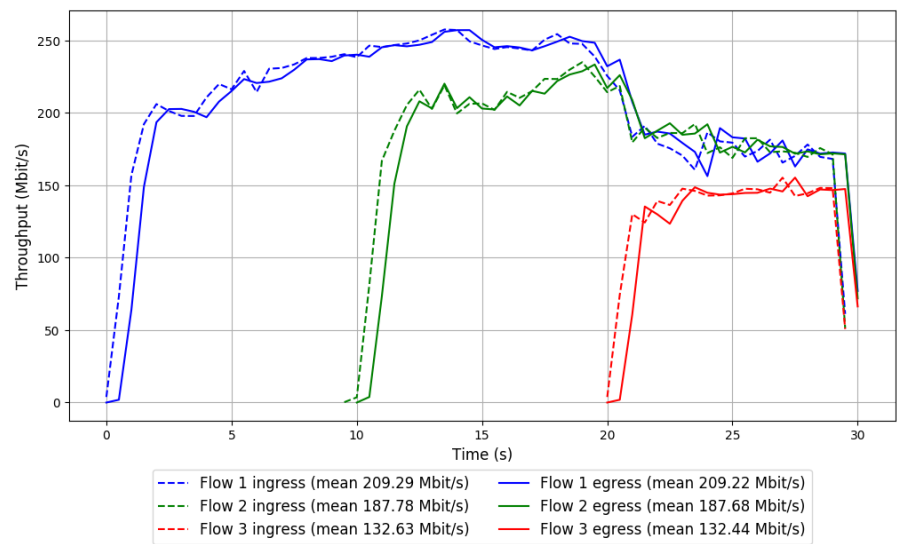
-- Flow 3:

Average throughput: 132.44 Mbit/s

95th percentile per-packet one-way delay: 68.418 ms

Loss rate: 0.05%

Run 10: Report of Indigo — Data Link

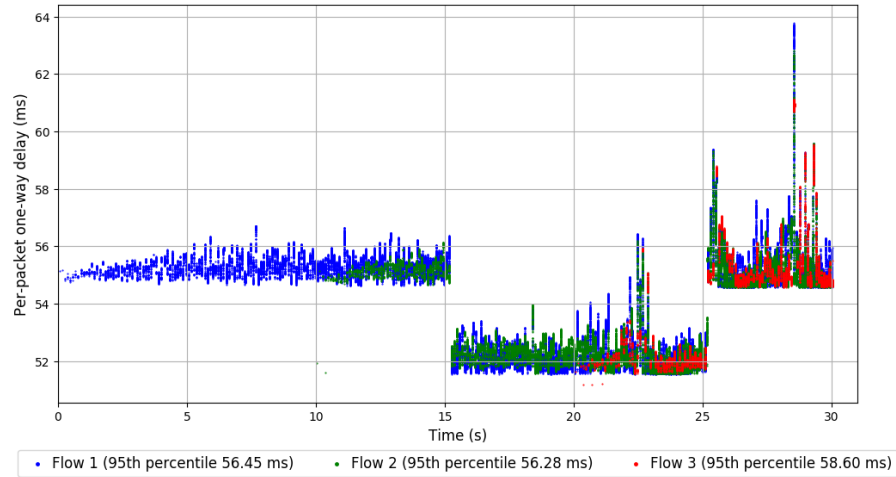
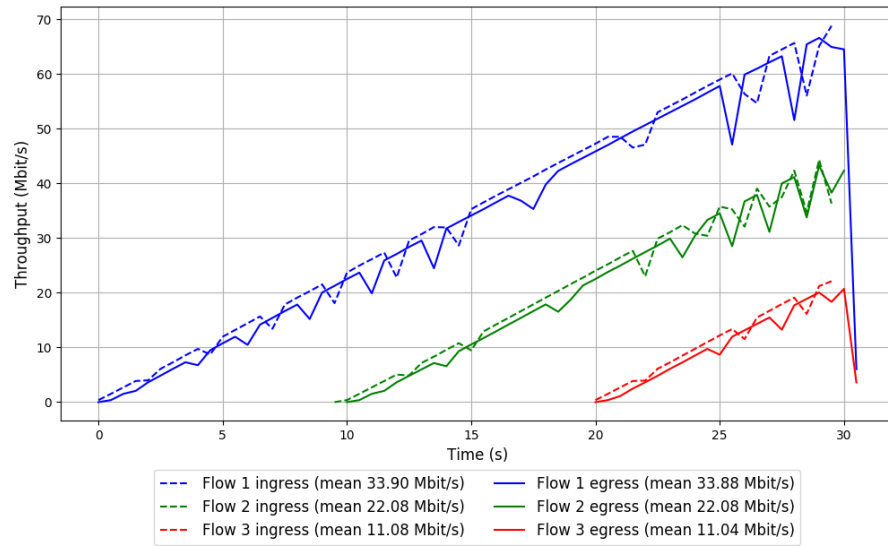


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-12 04:03:07
End at: 2018-07-12 04:03:37
Local clock offset: -0.19 ms
Remote clock offset: 0.881 ms

# Below is generated by plot.py at 2018-07-12 09:54:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 52.22 Mbit/s
95th percentile per-packet one-way delay: 56.475 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 33.88 Mbit/s
95th percentile per-packet one-way delay: 56.453 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 22.08 Mbit/s
95th percentile per-packet one-way delay: 56.281 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 58.598 ms
Loss rate: 0.31%
```


Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-07-12 04:27:51

End at: 2018-07-12 04:28:21

Local clock offset: -0.116 ms

Remote clock offset: 0.043 ms

Below is generated by plot.py at 2018-07-12 09:54:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 51.93 Mbit/s

95th percentile per-packet one-way delay: 54.332 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 34.21 Mbit/s

95th percentile per-packet one-way delay: 54.463 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 21.79 Mbit/s

95th percentile per-packet one-way delay: 52.705 ms

Loss rate: 0.00%

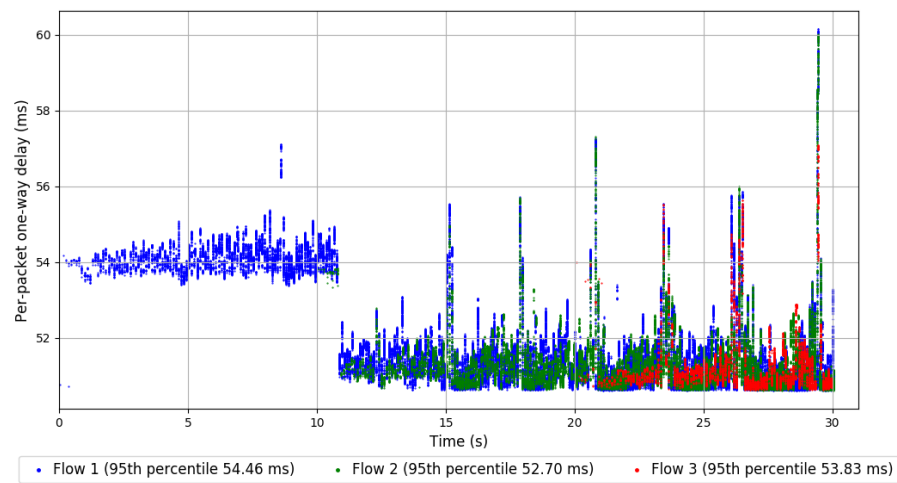
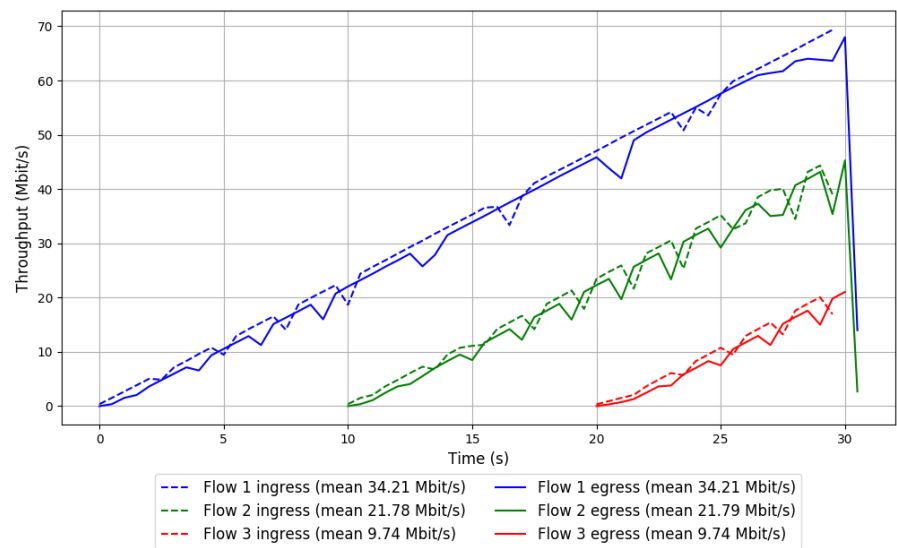
-- Flow 3:

Average throughput: 9.74 Mbit/s

95th percentile per-packet one-way delay: 53.829 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-07-12 04:52:01

End at: 2018-07-12 04:52:31

Local clock offset: -0.161 ms

Remote clock offset: 0.068 ms

Below is generated by plot.py at 2018-07-12 09:54:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 50.65 Mbit/s

95th percentile per-packet one-way delay: 55.735 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 33.37 Mbit/s

95th percentile per-packet one-way delay: 55.749 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 20.54 Mbit/s

95th percentile per-packet one-way delay: 55.496 ms

Loss rate: 0.00%

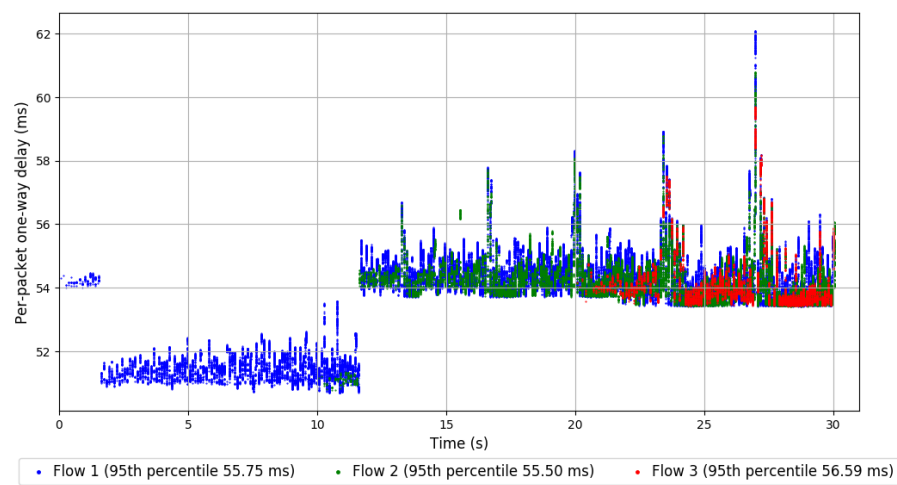
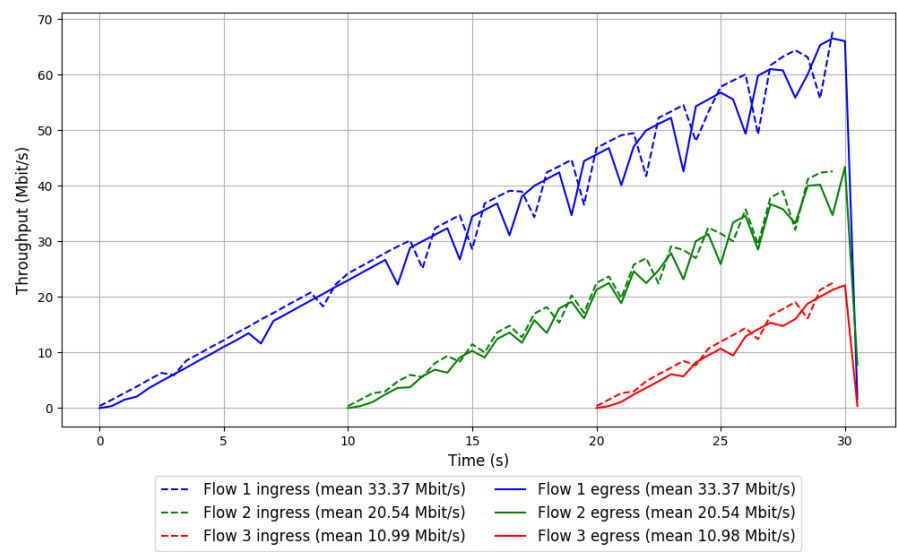
-- Flow 3:

Average throughput: 10.98 Mbit/s

95th percentile per-packet one-way delay: 56.592 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

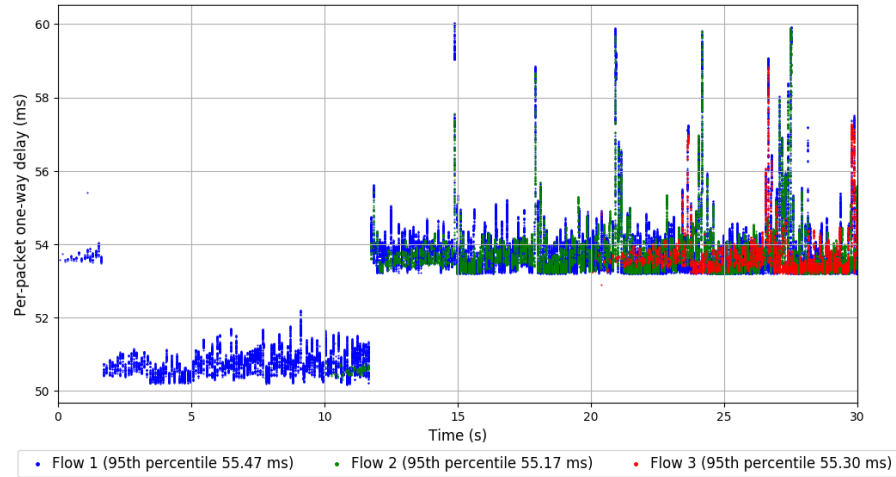
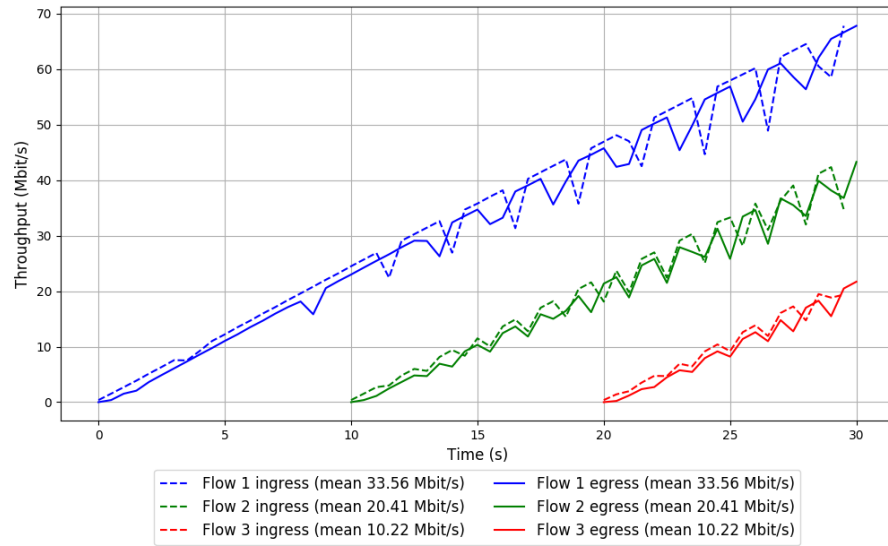


Run 4: Statistics of LEDBAT

Start at: 2018-07-12 05:17:01
End at: 2018-07-12 05:17:31
Local clock offset: -0.003 ms
Remote clock offset: -0.258 ms

Below is generated by plot.py at 2018-07-12 09:54:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.52 Mbit/s
95th percentile per-packet one-way delay: 55.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.56 Mbit/s
95th percentile per-packet one-way delay: 55.471 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.41 Mbit/s
95th percentile per-packet one-way delay: 55.167 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.22 Mbit/s
95th percentile per-packet one-way delay: 55.302 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-07-12 05:41:44

End at: 2018-07-12 05:42:14

Local clock offset: -0.136 ms

Remote clock offset: 1.369 ms

Below is generated by plot.py at 2018-07-12 09:54:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 44.79 Mbit/s

95th percentile per-packet one-way delay: 55.748 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 25.89 Mbit/s

95th percentile per-packet one-way delay: 55.870 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 22.93 Mbit/s

95th percentile per-packet one-way delay: 55.290 ms

Loss rate: 0.00%

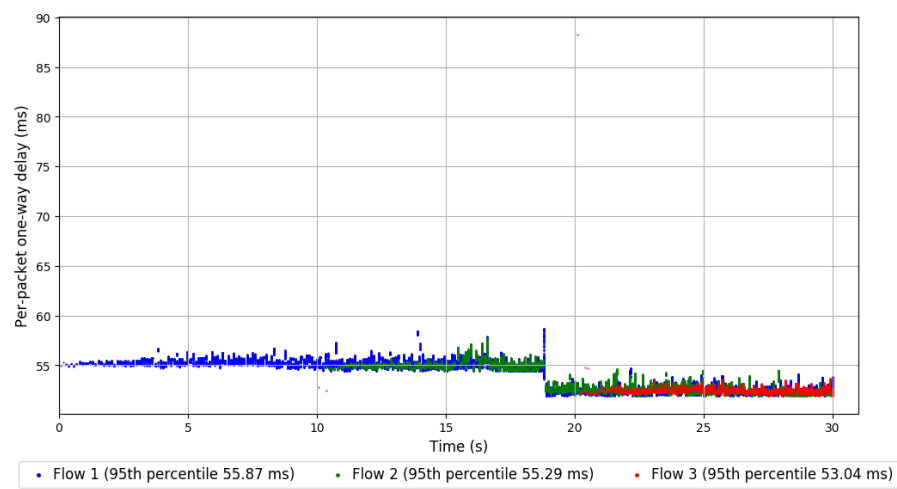
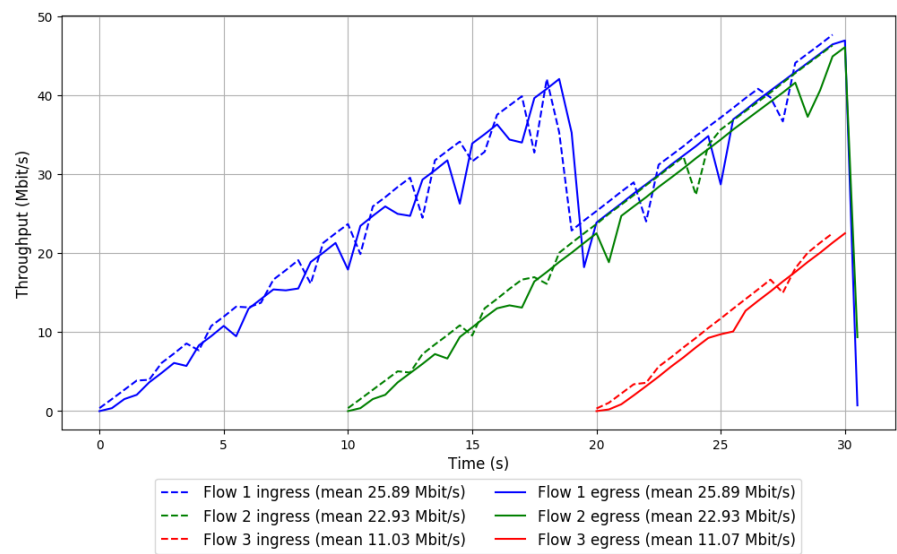
-- Flow 3:

Average throughput: 11.07 Mbit/s

95th percentile per-packet one-way delay: 53.038 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

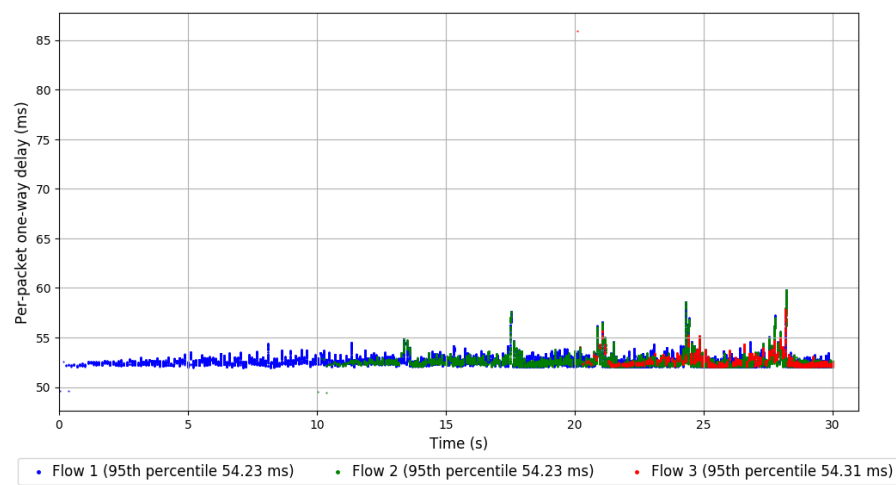
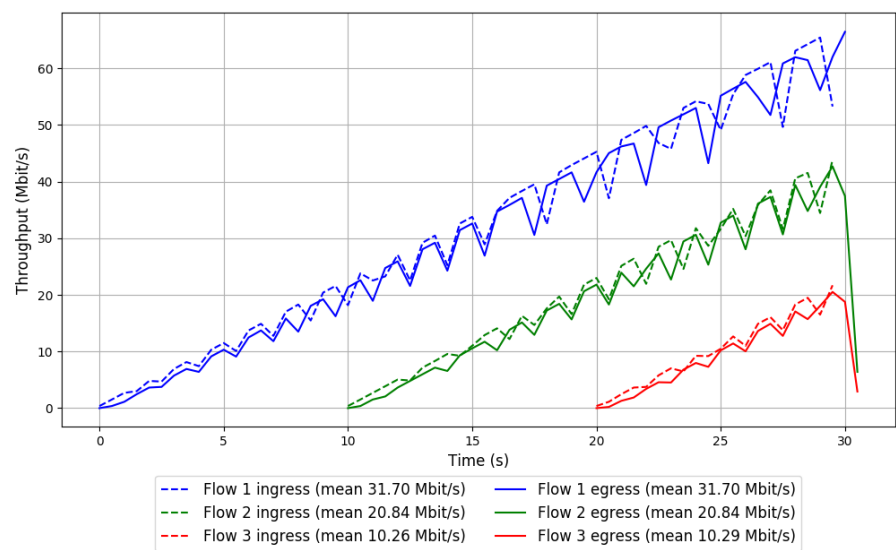


Run 6: Statistics of LEDBAT

Start at: 2018-07-12 06:06:14
End at: 2018-07-12 06:06:44
Local clock offset: -0.029 ms
Remote clock offset: -1.138 ms

Below is generated by plot.py at 2018-07-12 09:54:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.92 Mbit/s
95th percentile per-packet one-way delay: 54.243 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 54.234 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.84 Mbit/s
95th percentile per-packet one-way delay: 54.230 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.29 Mbit/s
95th percentile per-packet one-way delay: 54.308 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

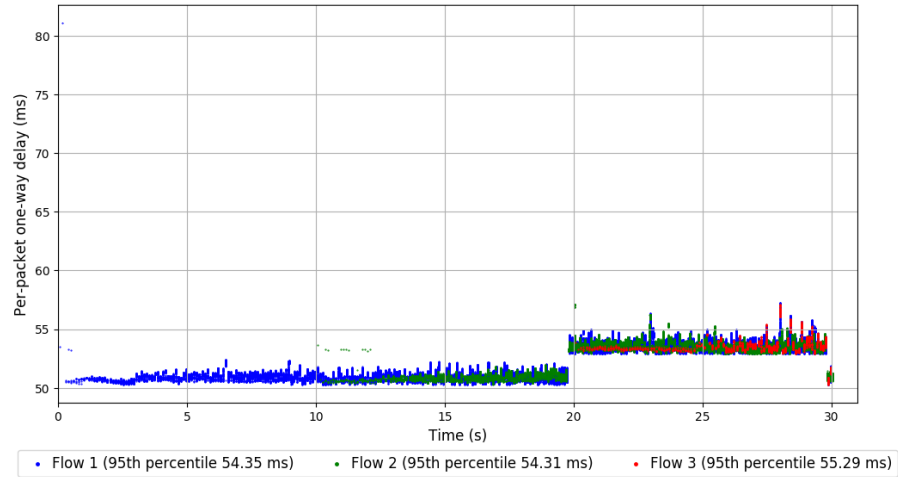
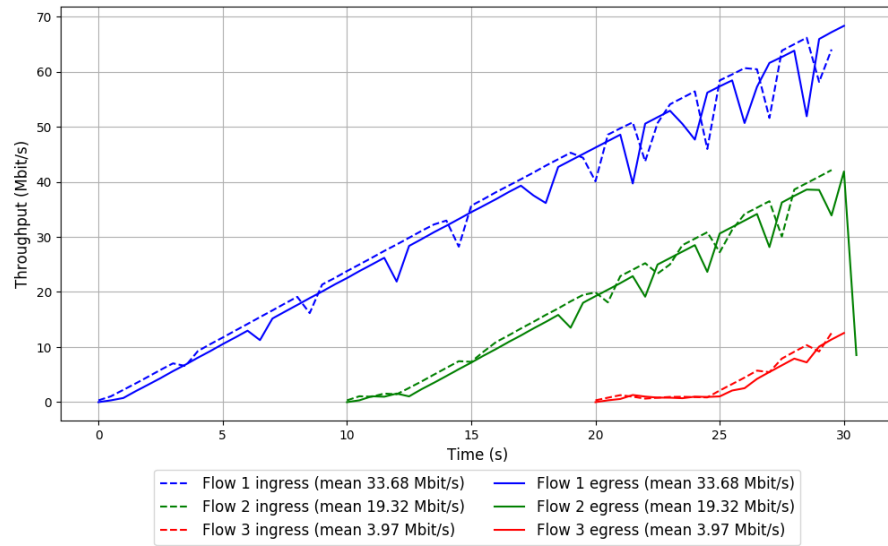


Run 7: Statistics of LEDBAT

Start at: 2018-07-12 06:31:03
End at: 2018-07-12 06:31:33
Local clock offset: 0.033 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2018-07-12 09:54:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.80 Mbit/s
95th percentile per-packet one-way delay: 54.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 54.349 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 54.309 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 55.294 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

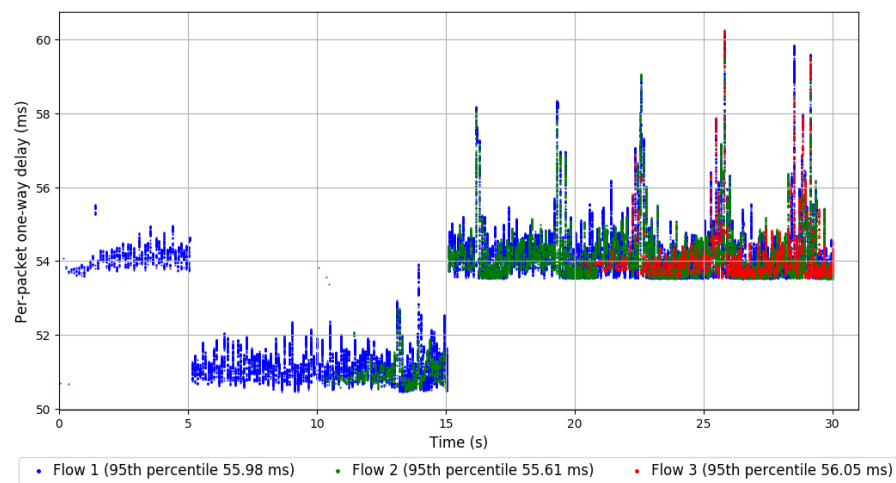
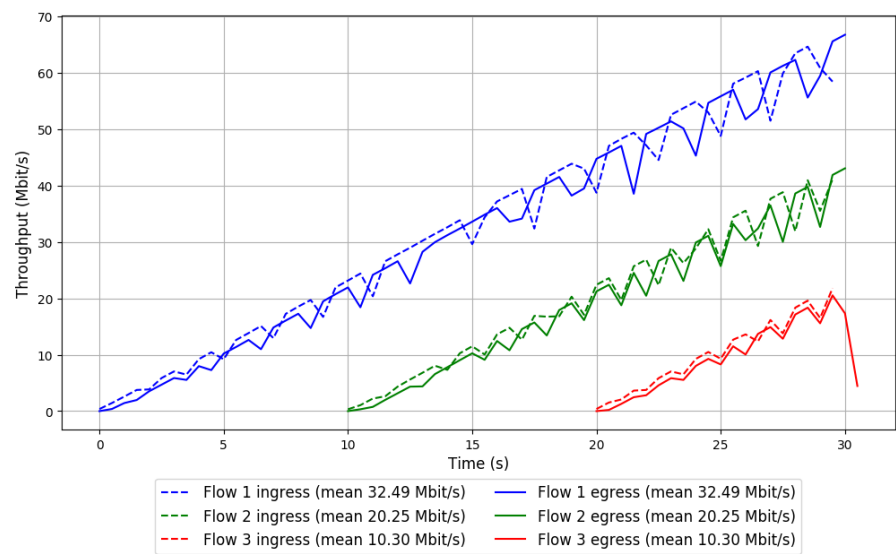


Run 8: Statistics of LEDBAT

Start at: 2018-07-12 06:55:57
End at: 2018-07-12 06:56:27
Local clock offset: -0.045 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2018-07-12 09:54:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.35 Mbit/s
95th percentile per-packet one-way delay: 55.869 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 55.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.25 Mbit/s
95th percentile per-packet one-way delay: 55.611 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.30 Mbit/s
95th percentile per-packet one-way delay: 56.052 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

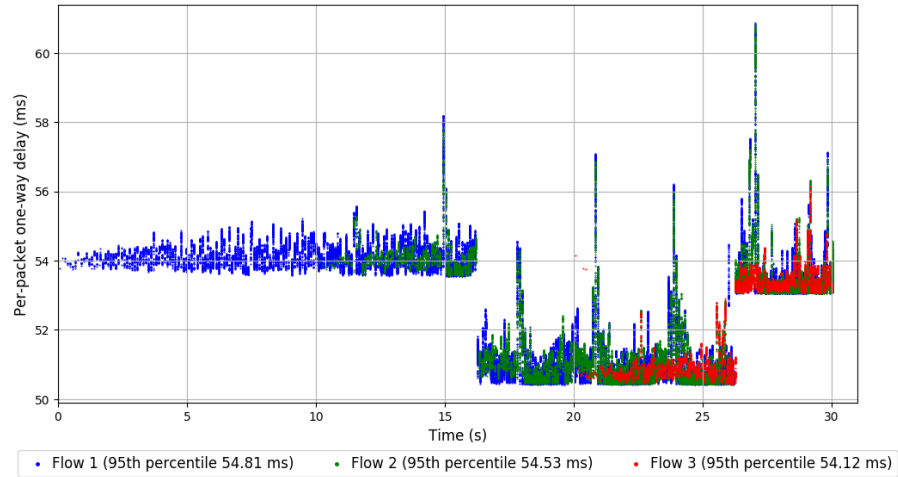
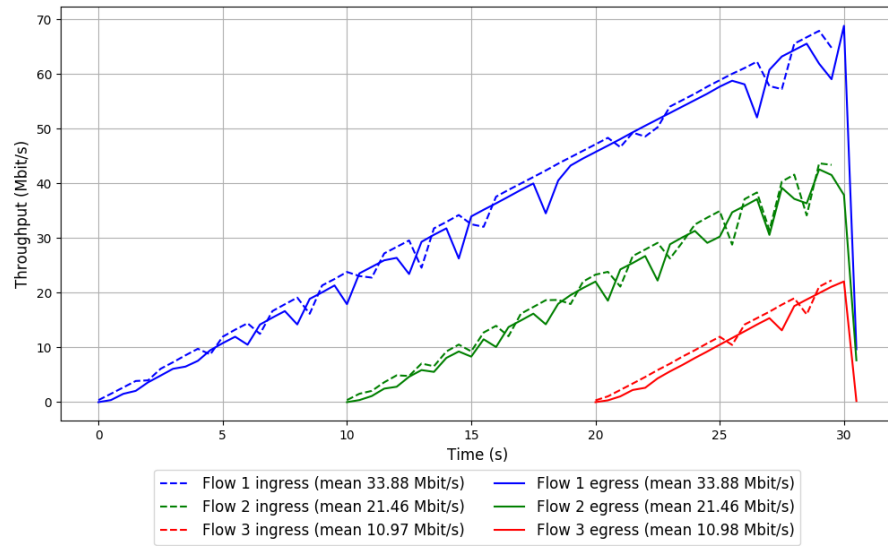


Run 9: Statistics of LEDBAT

Start at: 2018-07-12 07:20:36
End at: 2018-07-12 07:21:06
Local clock offset: -0.118 ms
Remote clock offset: -0.205 ms

Below is generated by plot.py at 2018-07-12 09:54:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.81 Mbit/s
95th percentile per-packet one-way delay: 54.742 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.88 Mbit/s
95th percentile per-packet one-way delay: 54.813 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.46 Mbit/s
95th percentile per-packet one-way delay: 54.526 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.98 Mbit/s
95th percentile per-packet one-way delay: 54.117 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

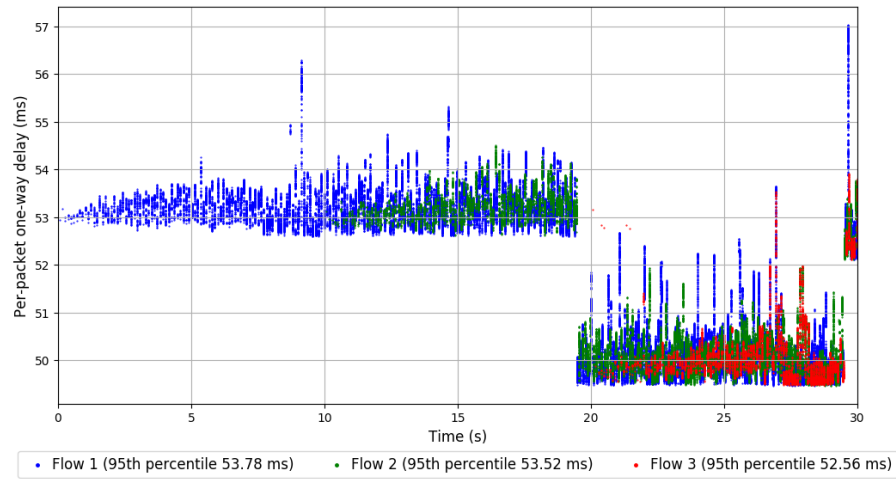
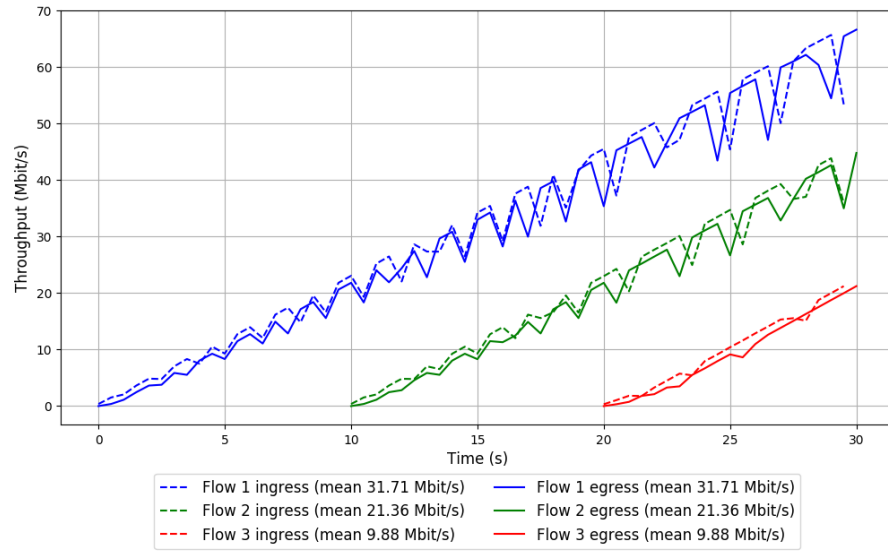


Run 10: Statistics of LEDBAT

Start at: 2018-07-12 07:45:03
End at: 2018-07-12 07:45:33
Local clock offset: -0.319 ms
Remote clock offset: -1.261 ms

Below is generated by plot.py at 2018-07-12 09:54:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.16 Mbit/s
95th percentile per-packet one-way delay: 53.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 53.780 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.36 Mbit/s
95th percentile per-packet one-way delay: 53.518 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.88 Mbit/s
95th percentile per-packet one-way delay: 52.562 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

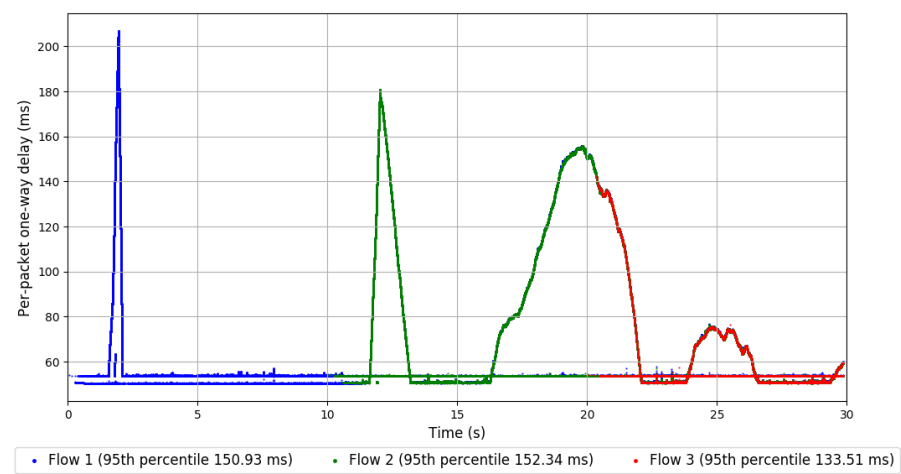
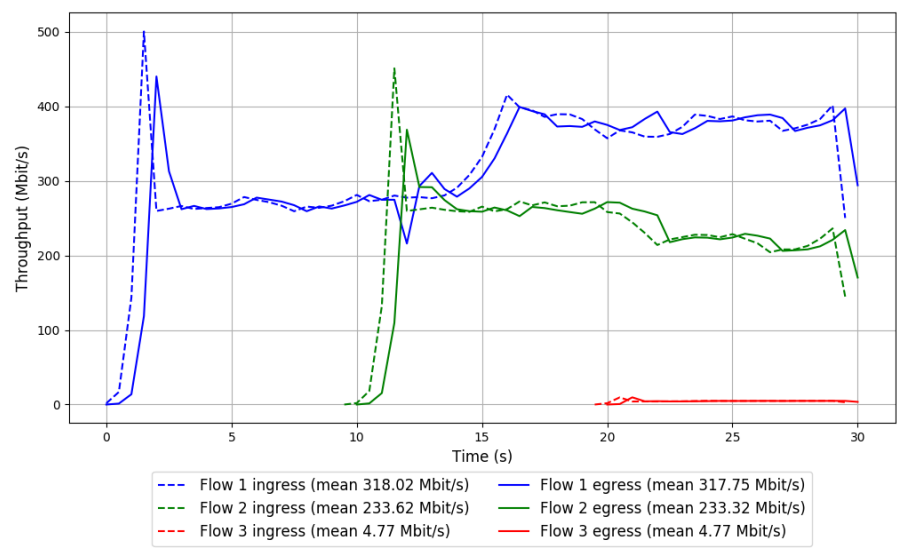


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-07-12 04:01:42
End at: 2018-07-12 04:02:12
Local clock offset: 0.043 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2018-07-12 09:58:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 474.70 Mbit/s
95th percentile per-packet one-way delay: 151.295 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 317.75 Mbit/s
95th percentile per-packet one-way delay: 150.934 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 233.32 Mbit/s
95th percentile per-packet one-way delay: 152.337 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 133.510 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-12 04:26:24

End at: 2018-07-12 04:26:54

Local clock offset: 0.051 ms

Remote clock offset: 1.104 ms

Below is generated by plot.py at 2018-07-12 09:58:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 494.17 Mbit/s

95th percentile per-packet one-way delay: 217.544 ms

Loss rate: 6.86%

-- Flow 1:

Average throughput: 475.22 Mbit/s

95th percentile per-packet one-way delay: 217.689 ms

Loss rate: 7.09%

-- Flow 2:

Average throughput: 4.04 Mbit/s

95th percentile per-packet one-way delay: 214.828 ms

Loss rate: 5.26%

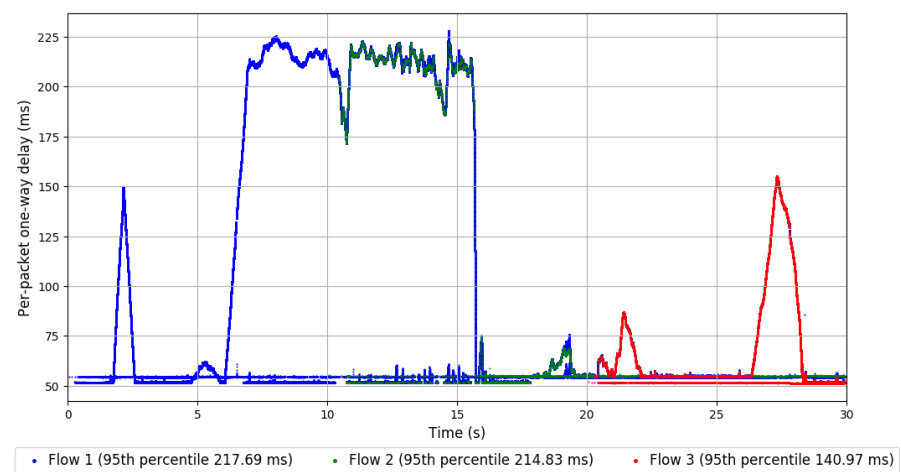
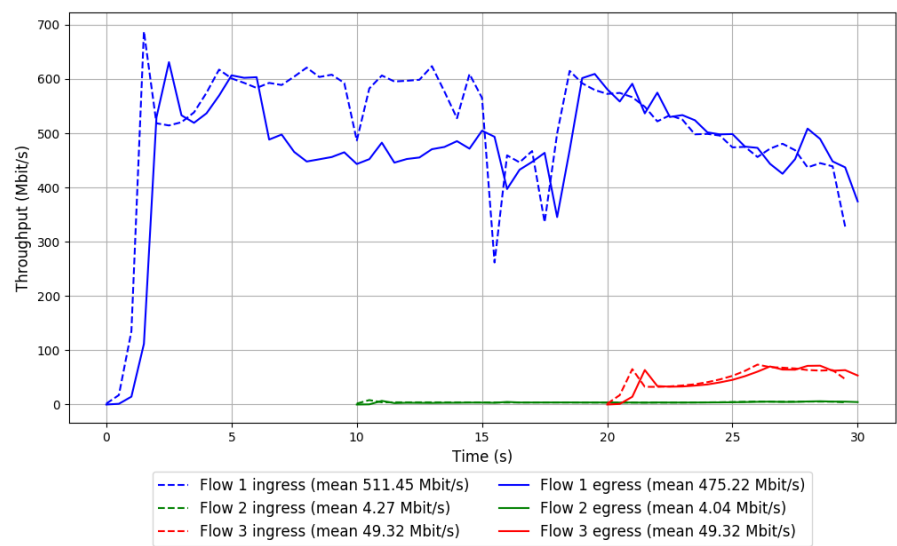
-- Flow 3:

Average throughput: 49.32 Mbit/s

95th percentile per-packet one-way delay: 140.973 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

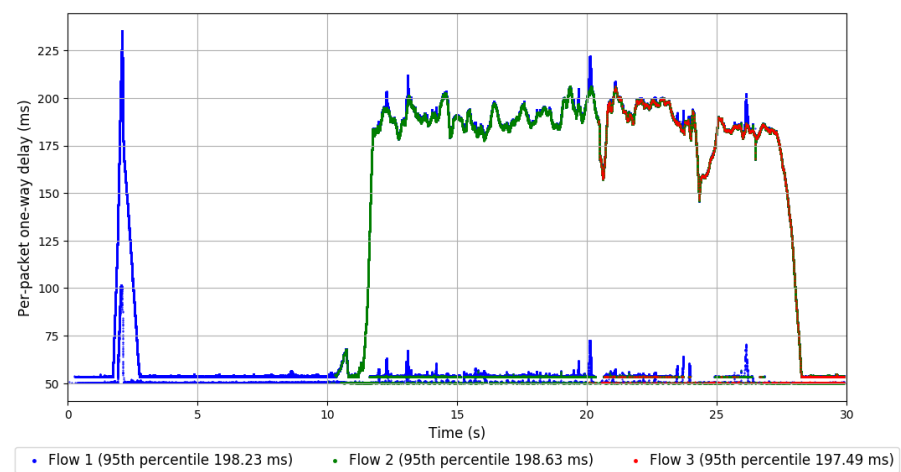
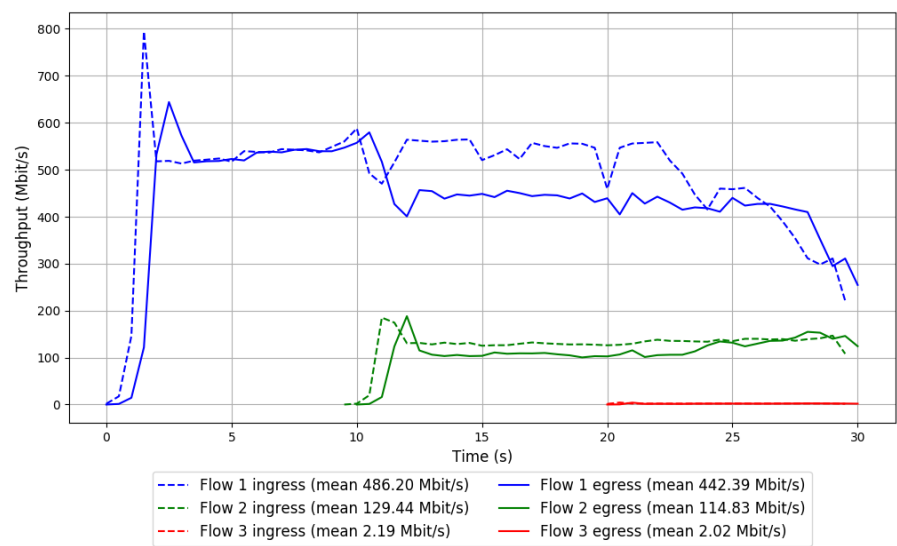


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-12 04:50:33
End at: 2018-07-12 04:51:03
Local clock offset: -0.169 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-07-12 09:59:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 519.45 Mbit/s
95th percentile per-packet one-way delay: 198.306 ms
Loss rate: 9.34%
-- Flow 1:
Average throughput: 442.39 Mbit/s
95th percentile per-packet one-way delay: 198.228 ms
Loss rate: 9.00%
-- Flow 2:
Average throughput: 114.83 Mbit/s
95th percentile per-packet one-way delay: 198.634 ms
Loss rate: 11.28%
-- Flow 3:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 197.486 ms
Loss rate: 7.44%

Run 3: Report of PCC-Allegro — Data Link

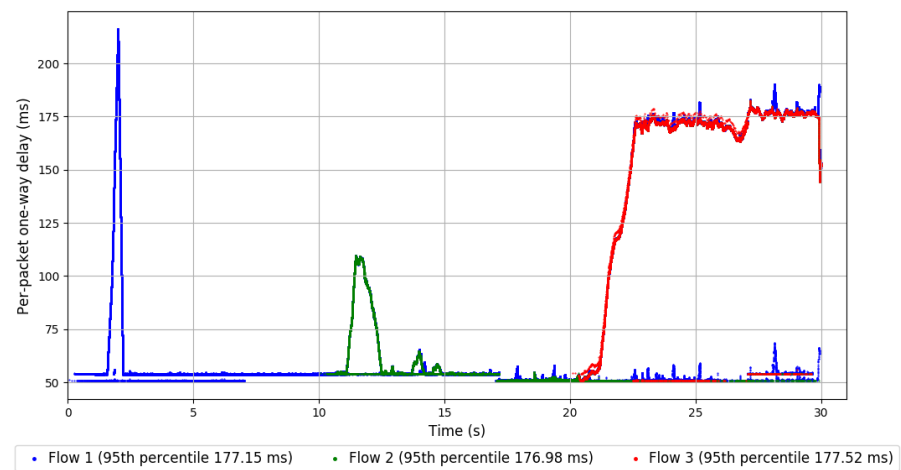
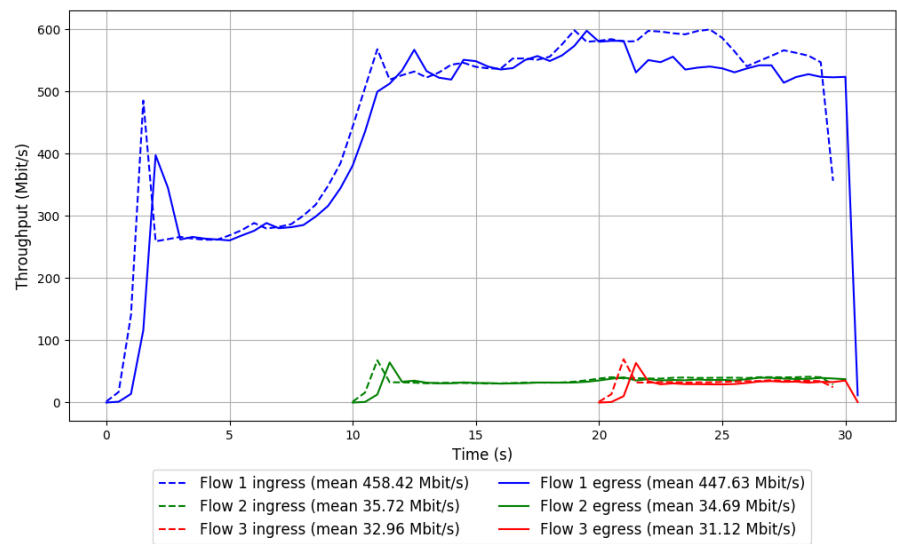


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-12 05:15:35
End at: 2018-07-12 05:16:05
Local clock offset: -0.26 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-07-12 09:59:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 480.94 Mbit/s
95th percentile per-packet one-way delay: 177.146 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 447.63 Mbit/s
95th percentile per-packet one-way delay: 177.145 ms
Loss rate: 2.03%
-- Flow 2:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 176.977 ms
Loss rate: 2.72%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 177.522 ms
Loss rate: 4.64%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-12 05:40:14

End at: 2018-07-12 05:40:44

Local clock offset: 0.124 ms

Remote clock offset: -0.26 ms

Below is generated by plot.py at 2018-07-12 10:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 567.79 Mbit/s

95th percentile per-packet one-way delay: 169.852 ms

Loss rate: 3.20%

-- Flow 1:

Average throughput: 526.73 Mbit/s

95th percentile per-packet one-way delay: 169.852 ms

Loss rate: 2.82%

-- Flow 2:

Average throughput: 4.30 Mbit/s

95th percentile per-packet one-way delay: 168.486 ms

Loss rate: 4.09%

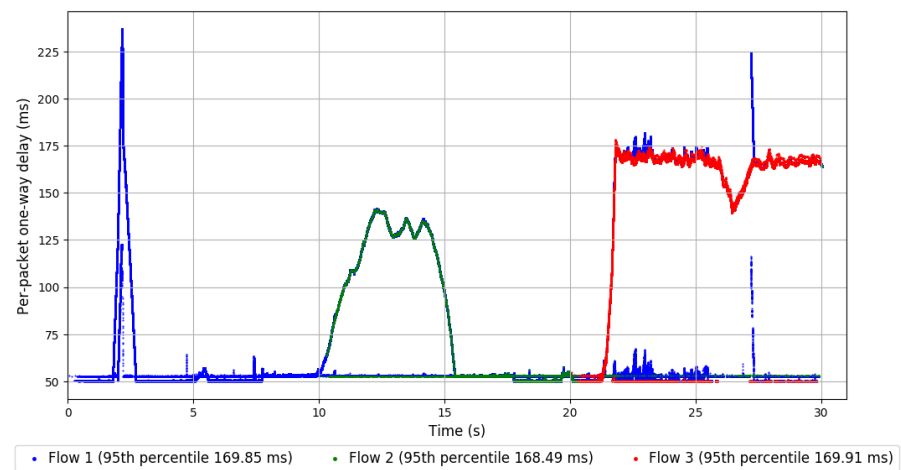
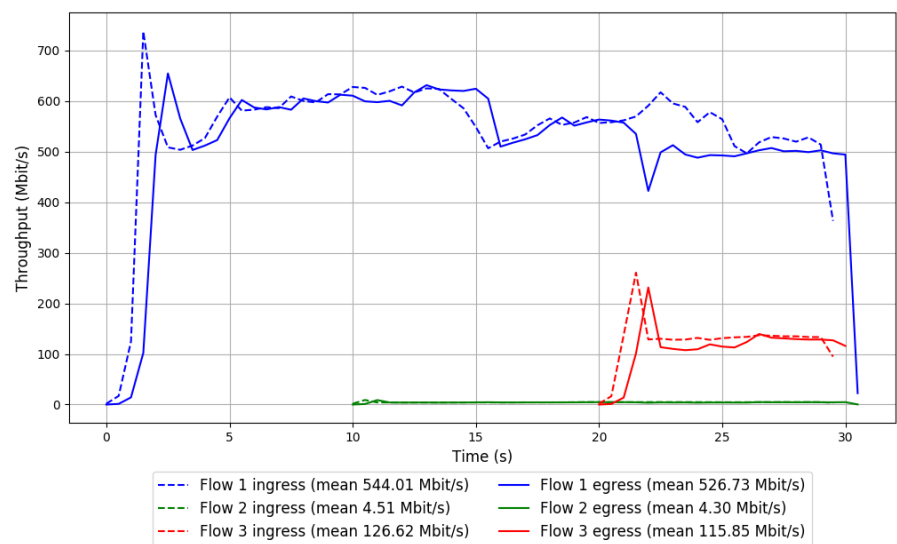
-- Flow 3:

Average throughput: 115.85 Mbit/s

95th percentile per-packet one-way delay: 169.912 ms

Loss rate: 8.17%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-12 06:04:46

End at: 2018-07-12 06:05:16

Local clock offset: -0.066 ms

Remote clock offset: 0.018 ms

Below is generated by plot.py at 2018-07-12 10:00:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 534.03 Mbit/s

95th percentile per-packet one-way delay: 184.454 ms

Loss rate: 0.38%

-- Flow 1:

Average throughput: 503.43 Mbit/s

95th percentile per-packet one-way delay: 184.470 ms

Loss rate: 0.39%

-- Flow 2:

Average throughput: 40.94 Mbit/s

95th percentile per-packet one-way delay: 184.622 ms

Loss rate: 0.14%

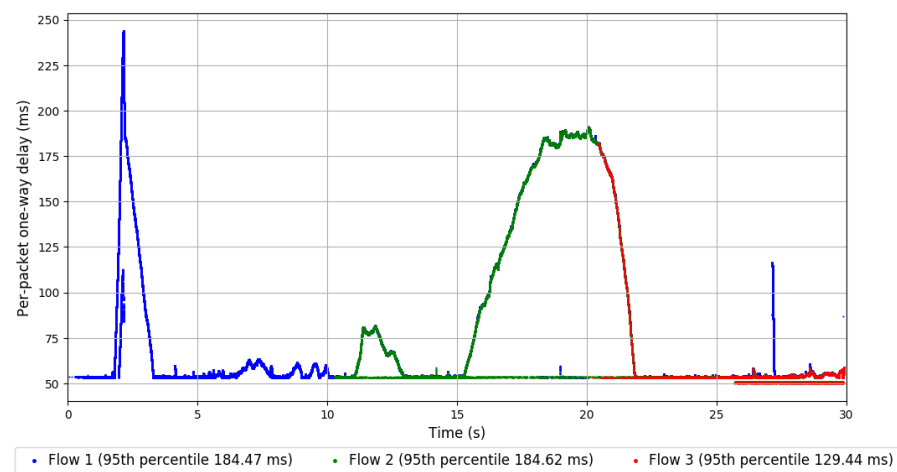
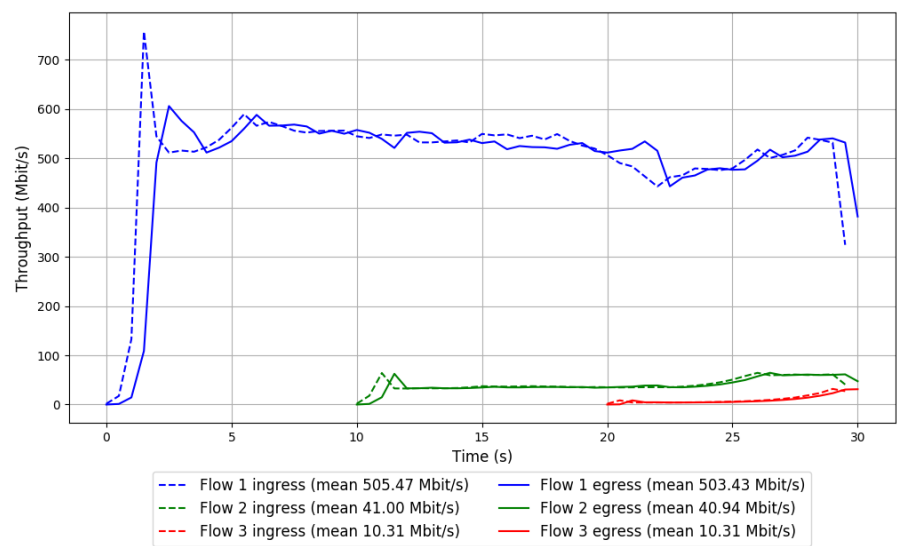
-- Flow 3:

Average throughput: 10.31 Mbit/s

95th percentile per-packet one-way delay: 129.438 ms

Loss rate: 0.00%

Run 6: Report of PCC-Allegro — Data Link

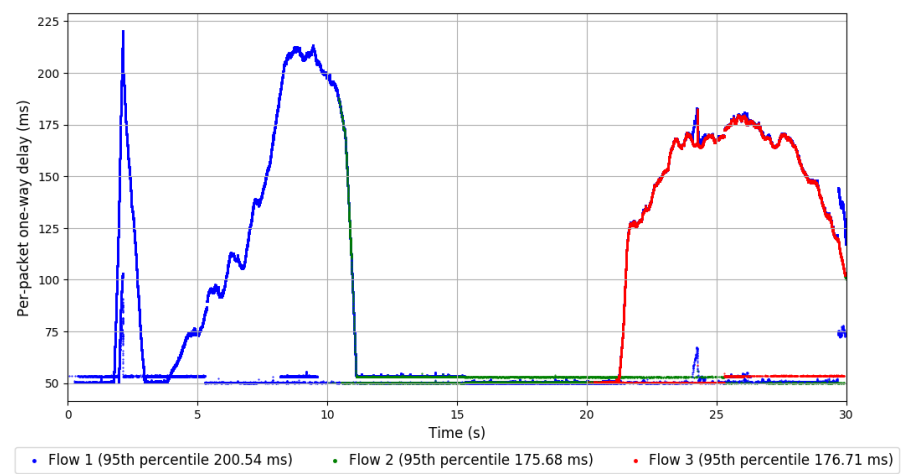
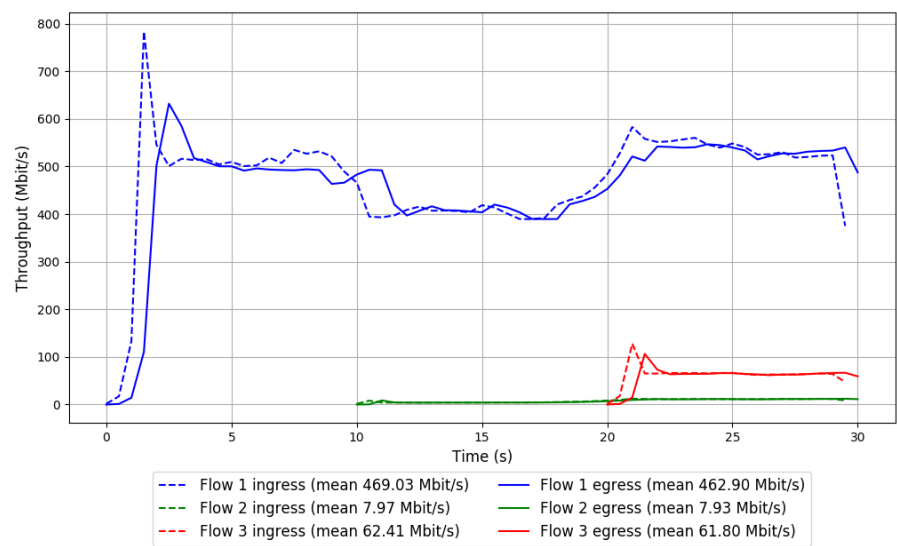


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-12 06:29:37
End at: 2018-07-12 06:30:07
Local clock offset: -0.084 ms
Remote clock offset: -0.268 ms

Below is generated by plot.py at 2018-07-12 10:03:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 488.59 Mbit/s
95th percentile per-packet one-way delay: 199.899 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 462.90 Mbit/s
95th percentile per-packet one-way delay: 200.542 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 175.682 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 61.80 Mbit/s
95th percentile per-packet one-way delay: 176.714 ms
Loss rate: 0.72%

Run 7: Report of PCC-Allegro — Data Link

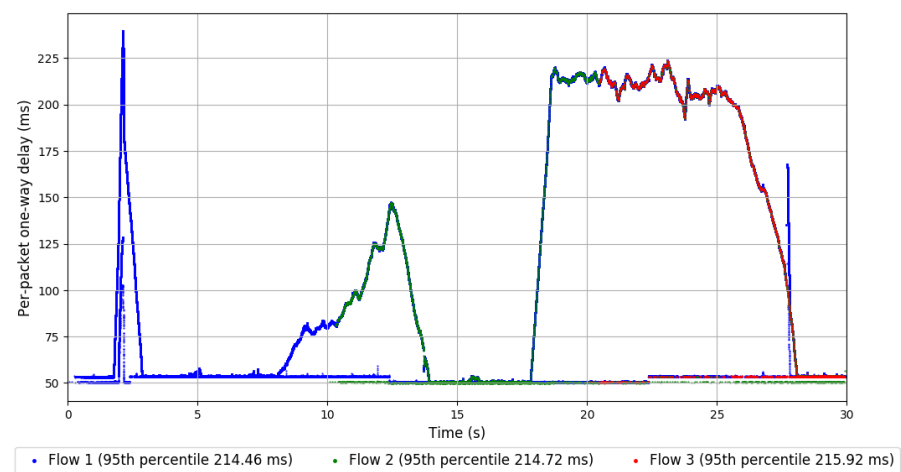
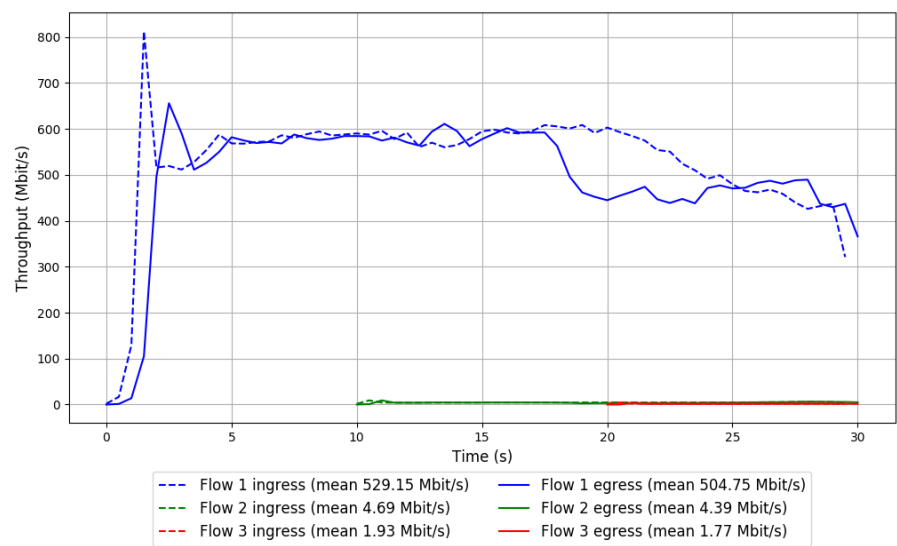


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-12 06:54:30
End at: 2018-07-12 06:55:00
Local clock offset: 0.127 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-07-12 10:04:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 508.19 Mbit/s
95th percentile per-packet one-way delay: 214.459 ms
Loss rate: 4.63%
-- Flow 1:
Average throughput: 504.75 Mbit/s
95th percentile per-packet one-way delay: 214.456 ms
Loss rate: 4.61%
-- Flow 2:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 214.716 ms
Loss rate: 6.40%
-- Flow 3:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 215.921 ms
Loss rate: 8.44%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-12 07:19:11

End at: 2018-07-12 07:19:41

Local clock offset: 0.176 ms

Remote clock offset: 1.374 ms

Below is generated by plot.py at 2018-07-12 10:05:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 453.44 Mbit/s

95th percentile per-packet one-way delay: 219.945 ms

Loss rate: 12.44%

-- Flow 1:

Average throughput: 452.93 Mbit/s

95th percentile per-packet one-way delay: 219.942 ms

Loss rate: 12.42%

-- Flow 2:

Average throughput: 1.69 Mbit/s

95th percentile per-packet one-way delay: 219.993 ms

Loss rate: 15.34%

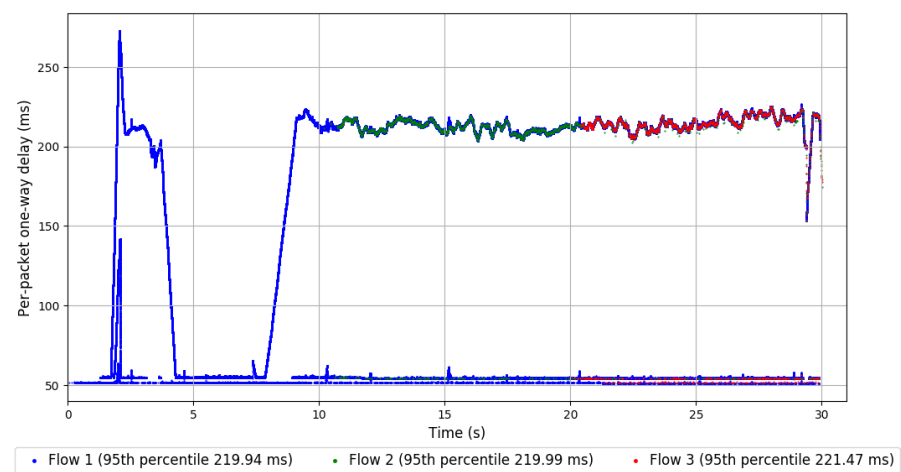
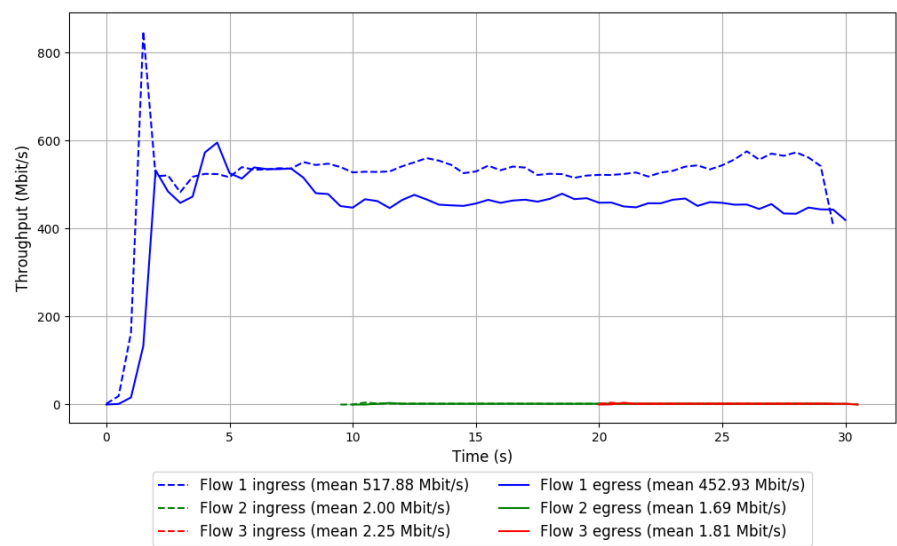
-- Flow 3:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 221.472 ms

Loss rate: 18.71%

Run 9: Report of PCC-Allegro — Data Link

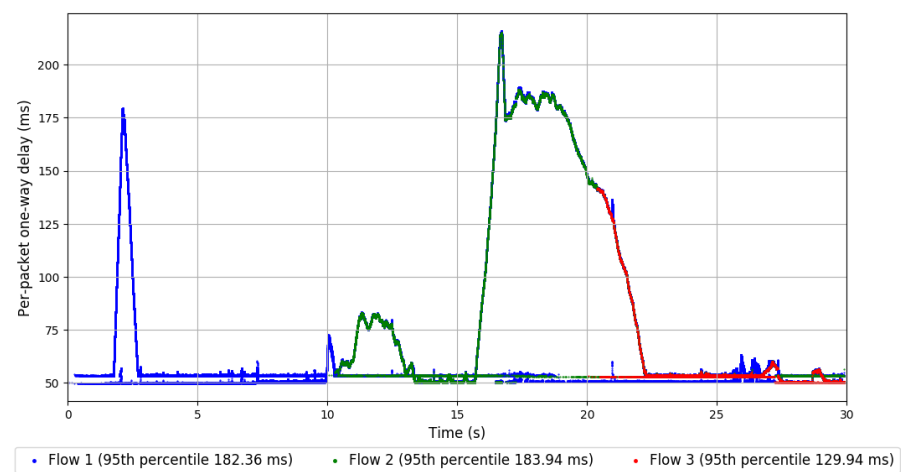
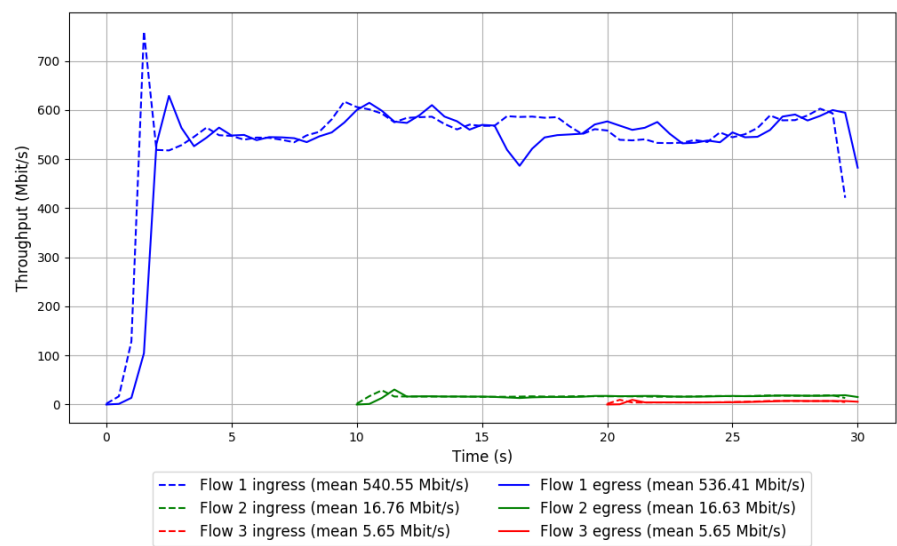


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-12 07:43:35
End at: 2018-07-12 07:44:05
Local clock offset: -0.02 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2018-07-12 10:07:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 549.31 Mbit/s
95th percentile per-packet one-way delay: 182.379 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 536.41 Mbit/s
95th percentile per-packet one-way delay: 182.364 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 16.63 Mbit/s
95th percentile per-packet one-way delay: 183.941 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 129.938 ms
Loss rate: 0.00%

Run 10: Report of PCC-Allegro — Data Link

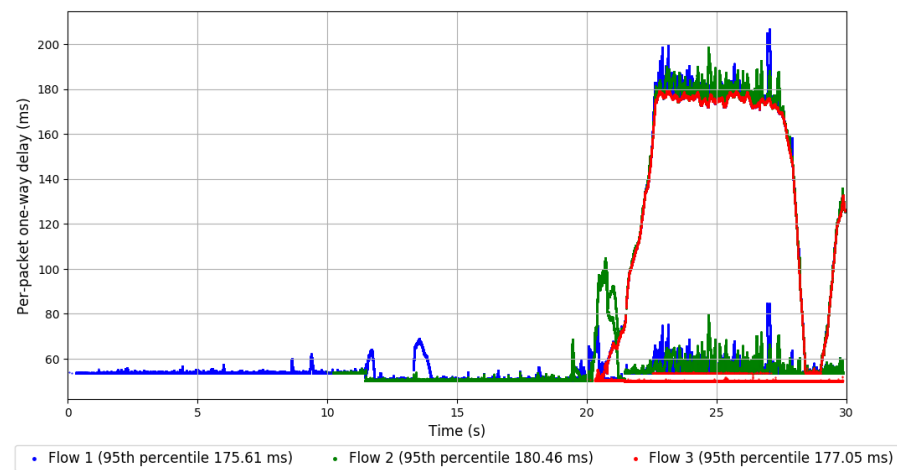
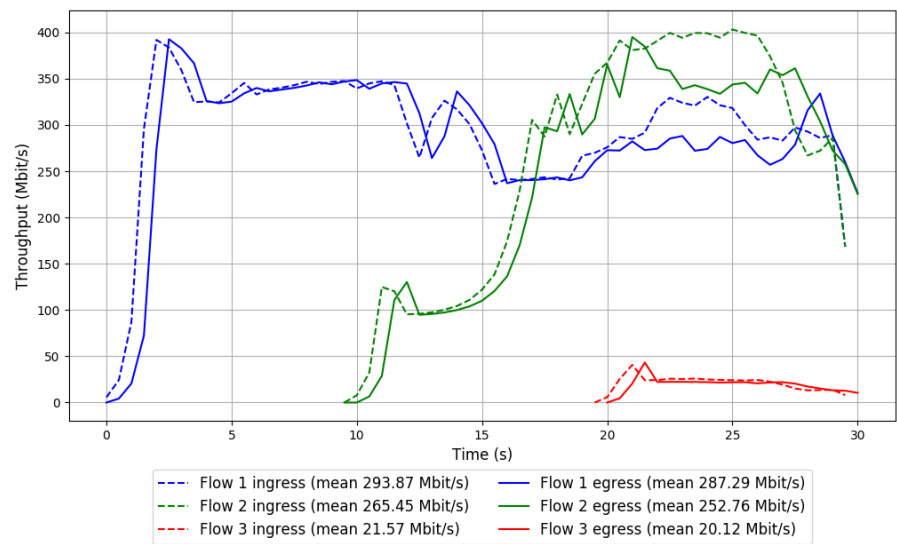


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-12 03:55:01
End at: 2018-07-12 03:55:31
Local clock offset: -0.082 ms
Remote clock offset: -0.132 ms

# Below is generated by plot.py at 2018-07-12 10:13:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 462.73 Mbit/s
95th percentile per-packet one-way delay: 177.884 ms
Loss rate: 2.98%
-- Flow 1:
Average throughput: 287.29 Mbit/s
95th percentile per-packet one-way delay: 175.607 ms
Loss rate: 2.02%
-- Flow 2:
Average throughput: 252.76 Mbit/s
95th percentile per-packet one-way delay: 180.457 ms
Loss rate: 4.45%
-- Flow 3:
Average throughput: 20.12 Mbit/s
95th percentile per-packet one-way delay: 177.054 ms
Loss rate: 6.03%
```


Run 1: Report of PCC-Expr — Data Link

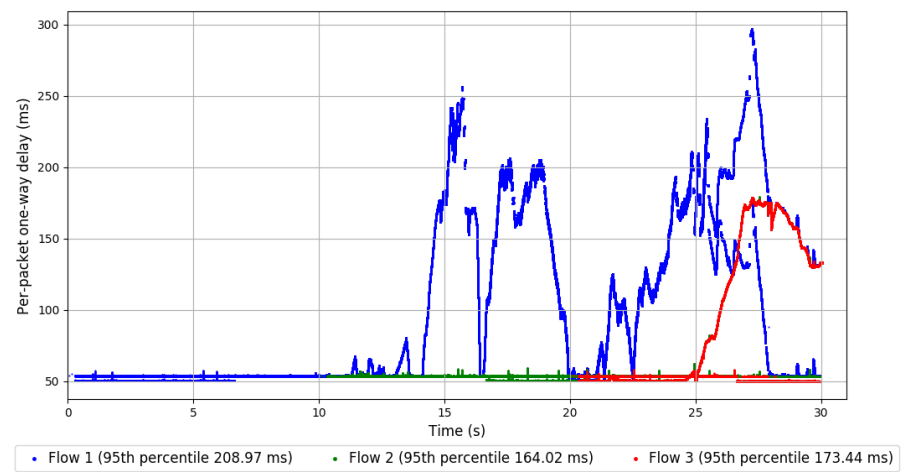
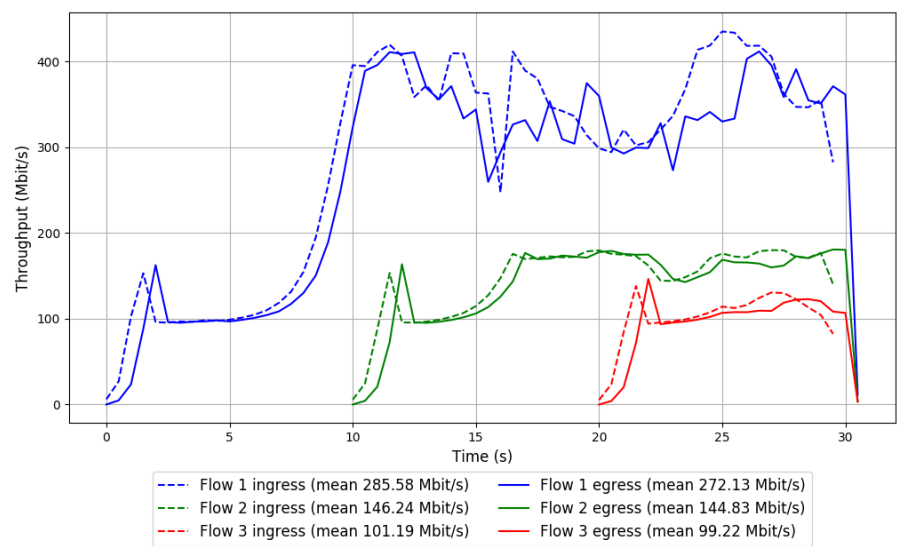


Run 2: Statistics of PCC-Expr

Start at: 2018-07-12 04:19:56
End at: 2018-07-12 04:20:26
Local clock offset: 0.116 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-07-12 10:13:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 401.46 Mbit/s
95th percentile per-packet one-way delay: 198.239 ms
Loss rate: 3.30%
-- Flow 1:
Average throughput: 272.13 Mbit/s
95th percentile per-packet one-way delay: 208.970 ms
Loss rate: 4.46%
-- Flow 2:
Average throughput: 144.83 Mbit/s
95th percentile per-packet one-way delay: 164.022 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 99.22 Mbit/s
95th percentile per-packet one-way delay: 173.443 ms
Loss rate: 1.23%

Run 2: Report of PCC-Expr — Data Link

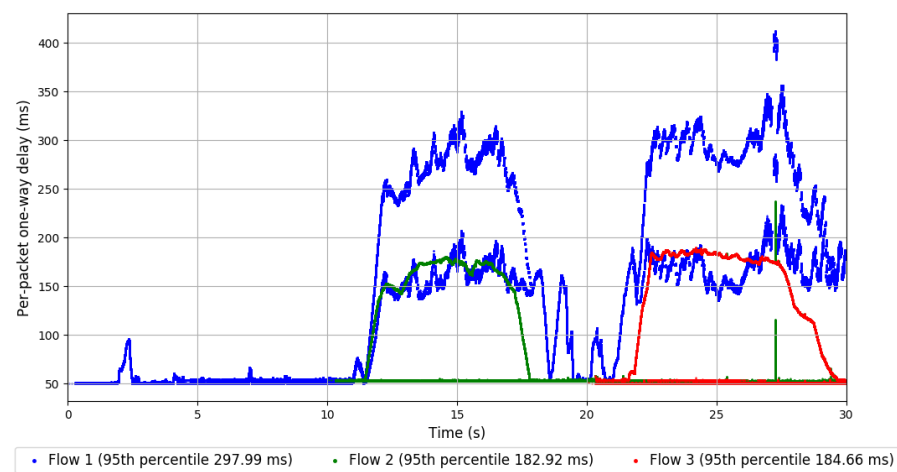
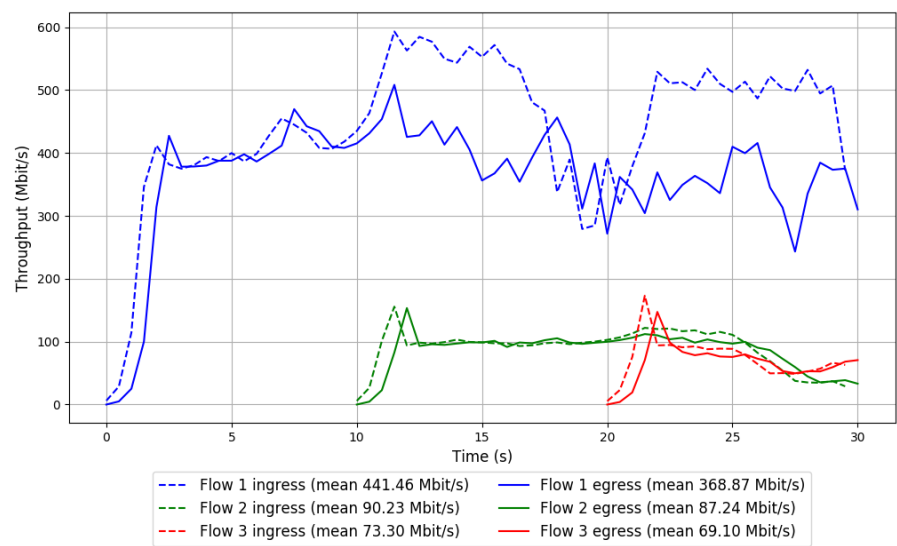


Run 3: Statistics of PCC-Expr

Start at: 2018-07-12 04:44:28
End at: 2018-07-12 04:44:58
Local clock offset: -0.283 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-12 10:15:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 449.68 Mbit/s
95th percentile per-packet one-way delay: 293.677 ms
Loss rate: 14.45%
-- Flow 1:
Average throughput: 368.87 Mbit/s
95th percentile per-packet one-way delay: 297.991 ms
Loss rate: 16.44%
-- Flow 2:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 182.921 ms
Loss rate: 3.33%
-- Flow 3:
Average throughput: 69.10 Mbit/s
95th percentile per-packet one-way delay: 184.662 ms
Loss rate: 5.72%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-07-12 05:09:01

End at: 2018-07-12 05:09:31

Local clock offset: -0.063 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2018-07-12 10:18:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 500.71 Mbit/s

95th percentile per-packet one-way delay: 213.649 ms

Loss rate: 15.52%

-- Flow 1:

Average throughput: 362.81 Mbit/s

95th percentile per-packet one-way delay: 233.979 ms

Loss rate: 14.14%

-- Flow 2:

Average throughput: 205.27 Mbit/s

95th percentile per-packet one-way delay: 189.154 ms

Loss rate: 18.90%

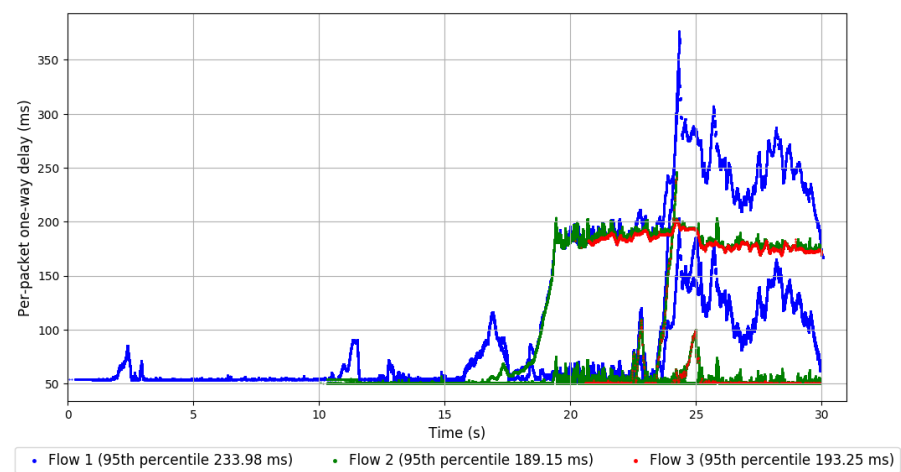
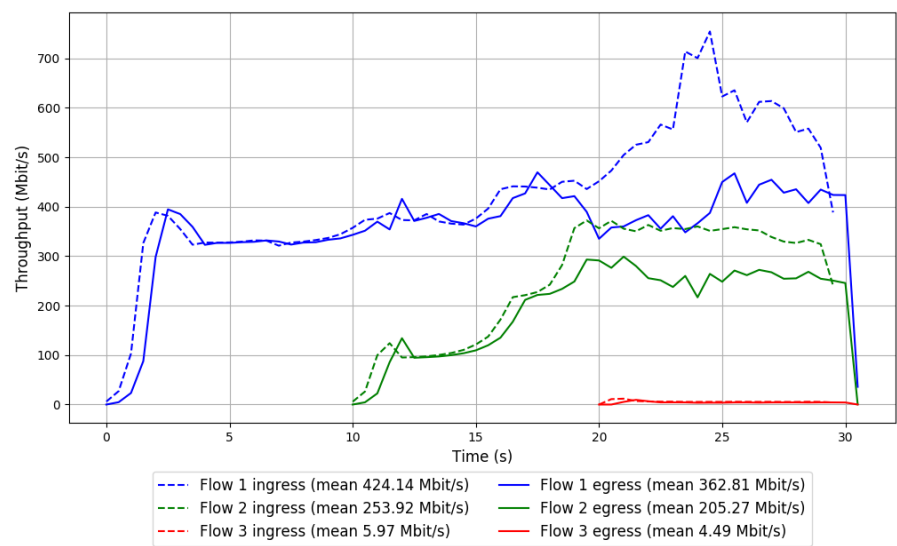
-- Flow 3:

Average throughput: 4.49 Mbit/s

95th percentile per-packet one-way delay: 193.245 ms

Loss rate: 25.28%

Run 4: Report of PCC-Expr — Data Link

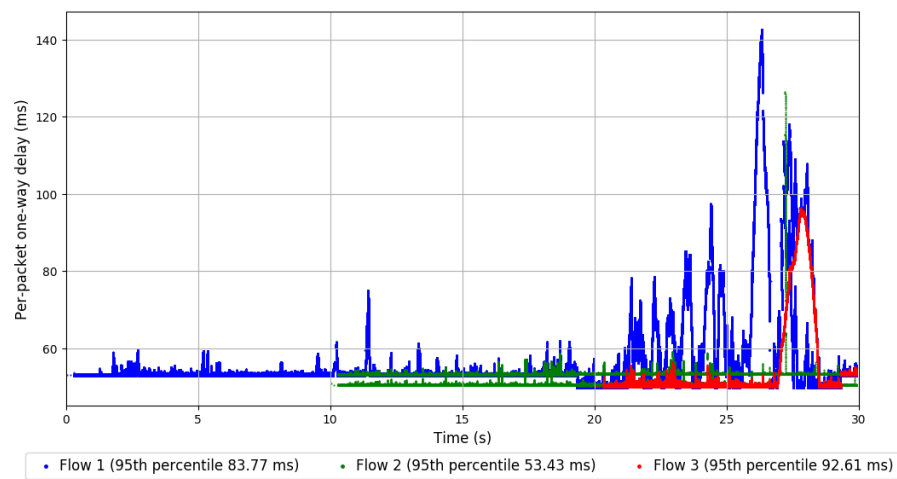
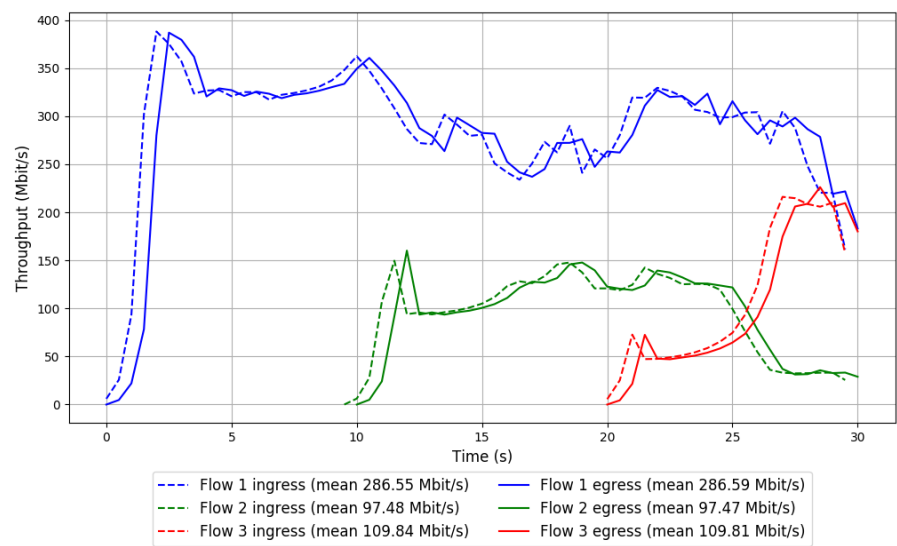


Run 5: Statistics of PCC-Expr

Start at: 2018-07-12 05:33:53
End at: 2018-07-12 05:34:23
Local clock offset: -0.0 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2018-07-12 10:18:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 387.68 Mbit/s
95th percentile per-packet one-way delay: 82.994 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 286.59 Mbit/s
95th percentile per-packet one-way delay: 83.774 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 53.428 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 109.81 Mbit/s
95th percentile per-packet one-way delay: 92.614 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

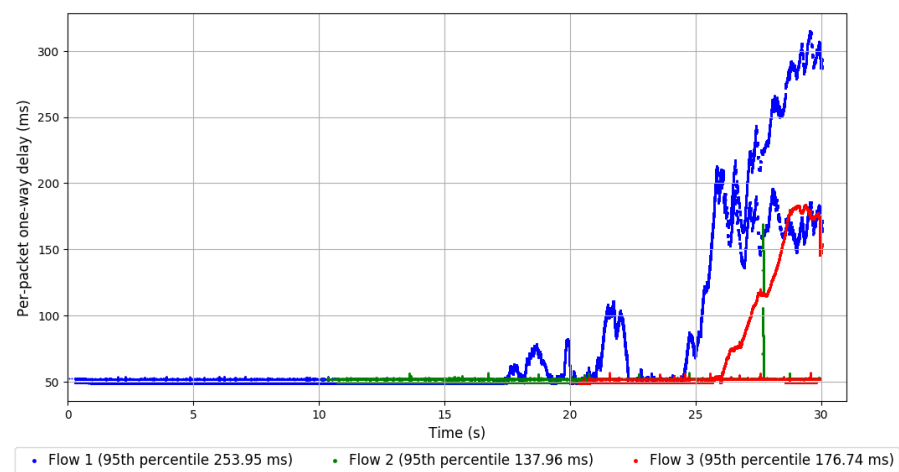
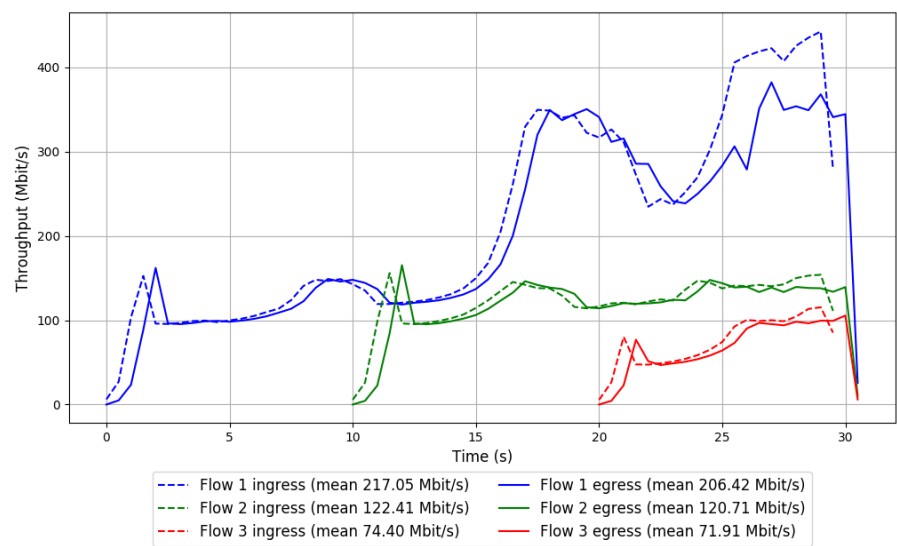


Run 6: Statistics of PCC-Expr

Start at: 2018-07-12 05:58:21
End at: 2018-07-12 05:58:52
Local clock offset: -0.217 ms
Remote clock offset: -1.598 ms

Below is generated by plot.py at 2018-07-12 10:18:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 310.73 Mbit/s
95th percentile per-packet one-way delay: 215.669 ms
Loss rate: 3.48%
-- Flow 1:
Average throughput: 206.42 Mbit/s
95th percentile per-packet one-way delay: 253.950 ms
Loss rate: 4.58%
-- Flow 2:
Average throughput: 120.71 Mbit/s
95th percentile per-packet one-way delay: 137.960 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 71.91 Mbit/s
95th percentile per-packet one-way delay: 176.744 ms
Loss rate: 2.43%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-07-12 06:22:56

End at: 2018-07-12 06:23:26

Local clock offset: 0.047 ms

Remote clock offset: 1.144 ms

Below is generated by plot.py at 2018-07-12 10:22:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 417.61 Mbit/s

95th percentile per-packet one-way delay: 304.281 ms

Loss rate: 21.75%

-- Flow 1:

Average throughput: 380.91 Mbit/s

95th percentile per-packet one-way delay: 305.417 ms

Loss rate: 23.18%

-- Flow 2:

Average throughput: 52.21 Mbit/s

95th percentile per-packet one-way delay: 191.970 ms

Loss rate: 3.14%

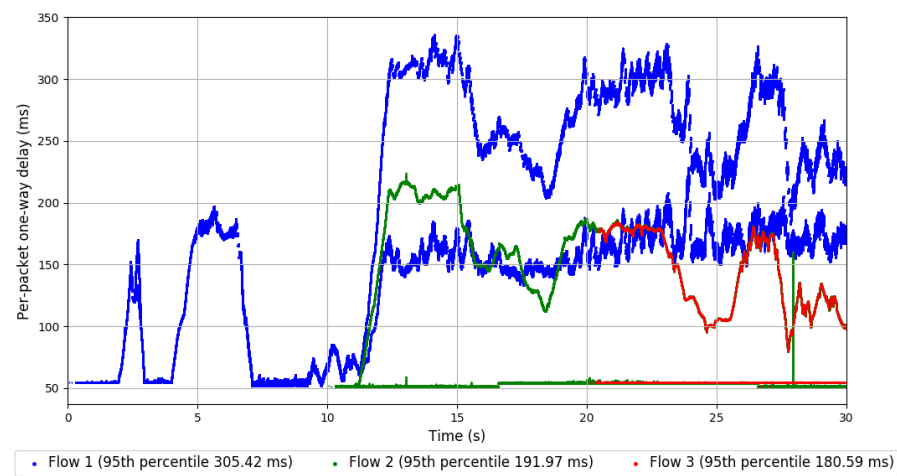
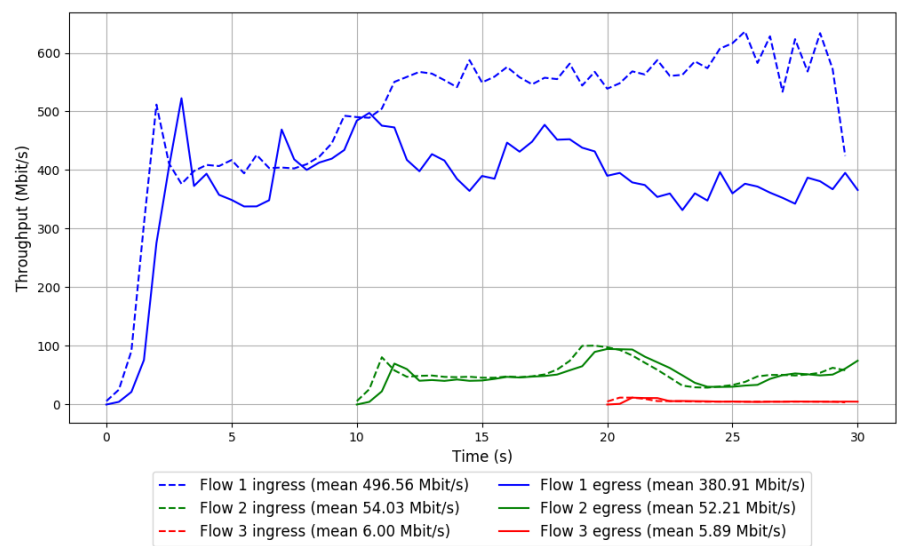
-- Flow 3:

Average throughput: 5.89 Mbit/s

95th percentile per-packet one-way delay: 180.592 ms

Loss rate: 1.44%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-07-12 06:48:10

End at: 2018-07-12 06:48:40

Local clock offset: -0.069 ms

Remote clock offset: 0.965 ms

Below is generated by plot.py at 2018-07-12 10:22:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 281.07 Mbit/s

95th percentile per-packet one-way delay: 209.578 ms

Loss rate: 2.37%

-- Flow 1:

Average throughput: 114.83 Mbit/s

95th percentile per-packet one-way delay: 54.593 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 216.09 Mbit/s

95th percentile per-packet one-way delay: 218.588 ms

Loss rate: 4.54%

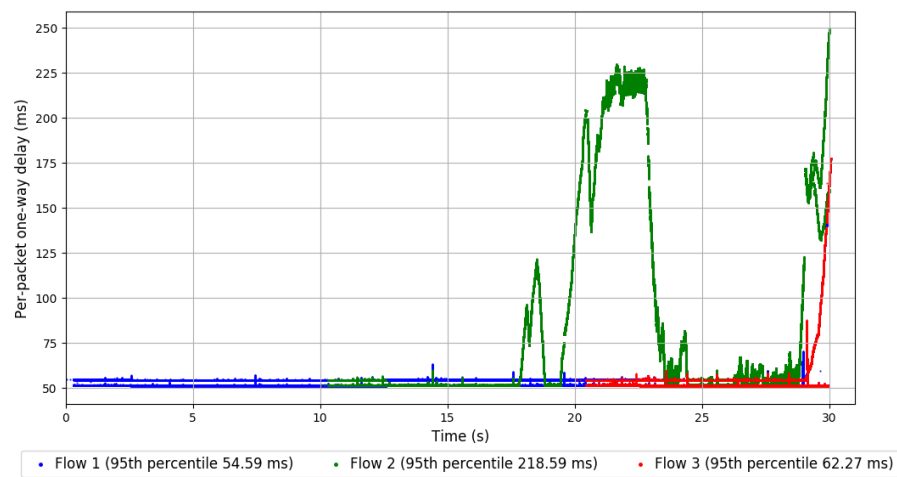
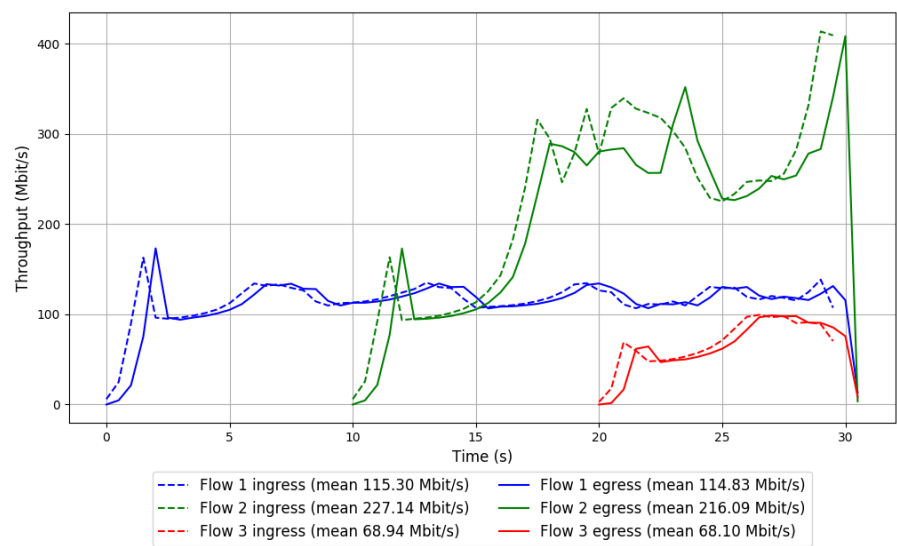
-- Flow 3:

Average throughput: 68.10 Mbit/s

95th percentile per-packet one-way delay: 62.269 ms

Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-07-12 07:12:44

End at: 2018-07-12 07:13:14

Local clock offset: -0.192 ms

Remote clock offset: 0.153 ms

Below is generated by plot.py at 2018-07-12 10:24:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 334.18 Mbit/s

95th percentile per-packet one-way delay: 179.557 ms

Loss rate: 4.67%

-- Flow 1:

Average throughput: 124.47 Mbit/s

95th percentile per-packet one-way delay: 176.270 ms

Loss rate: 3.28%

-- Flow 2:

Average throughput: 224.99 Mbit/s

95th percentile per-packet one-way delay: 179.338 ms

Loss rate: 4.31%

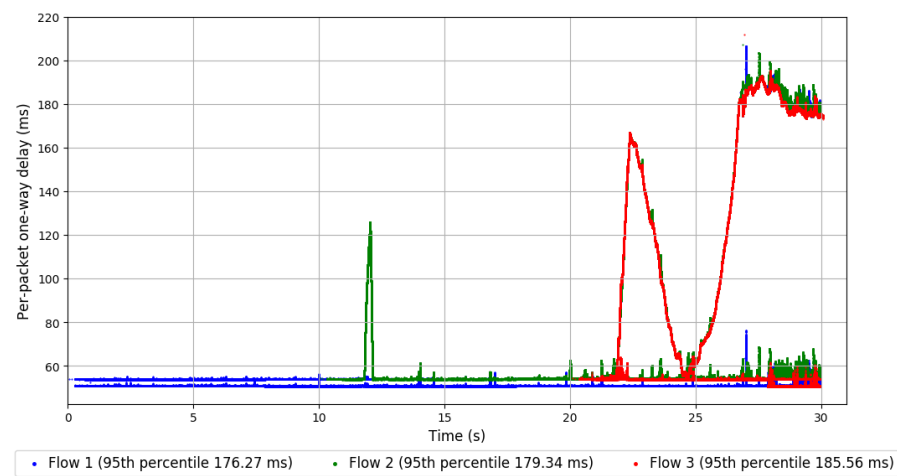
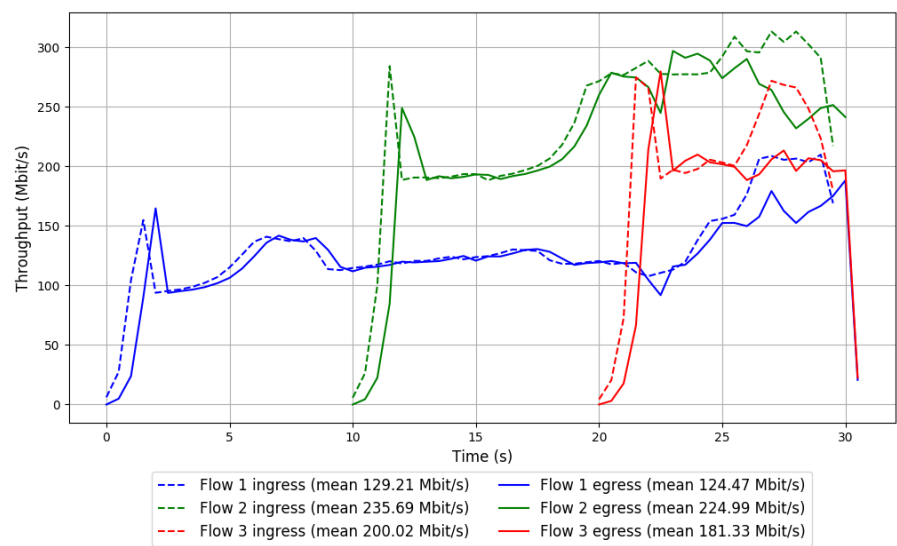
-- Flow 3:

Average throughput: 181.33 Mbit/s

95th percentile per-packet one-way delay: 185.565 ms

Loss rate: 8.26%

Run 9: Report of PCC-Expr — Data Link

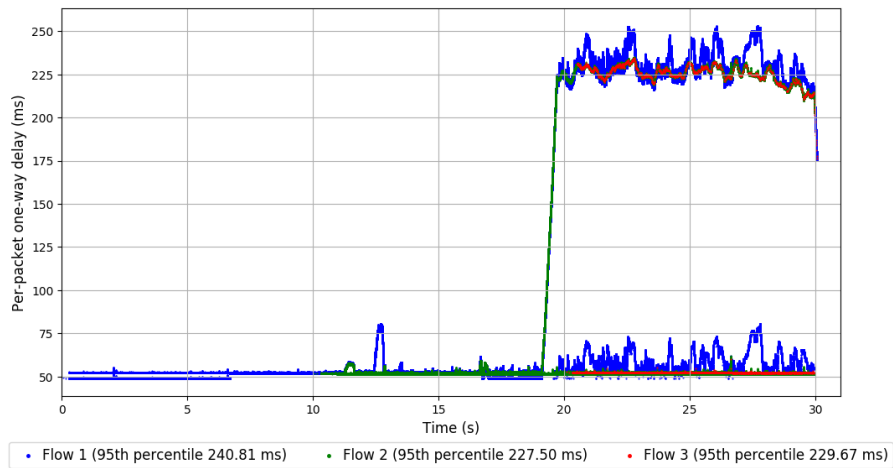
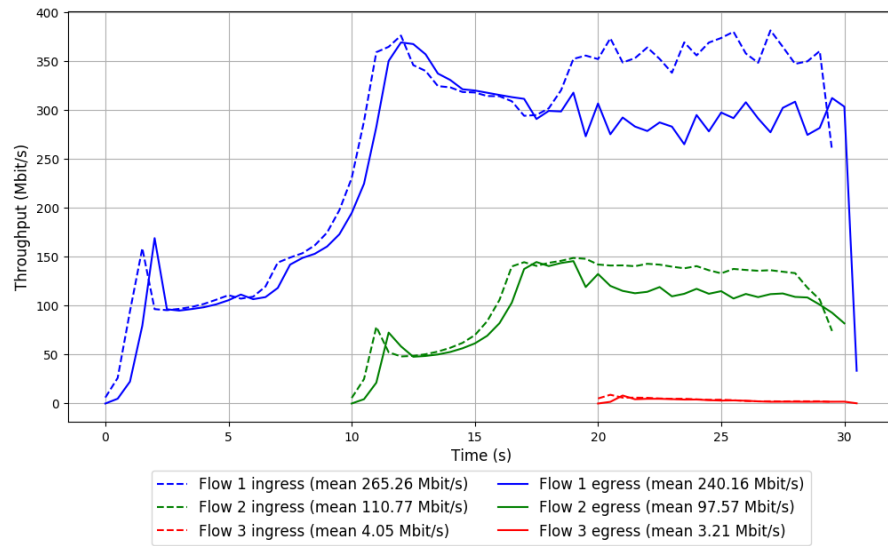


Run 10: Statistics of PCC-Expr

Start at: 2018-07-12 07:37:26
End at: 2018-07-12 07:37:56
Local clock offset: 0.1 ms
Remote clock offset: -1.242 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 305.92 Mbit/s
95th percentile per-packet one-way delay: 238.331 ms
Loss rate: 9.71%
-- Flow 1:
Average throughput: 240.16 Mbit/s
95th percentile per-packet one-way delay: 240.808 ms
Loss rate: 9.09%
-- Flow 2:
Average throughput: 97.57 Mbit/s
95th percentile per-packet one-way delay: 227.497 ms
Loss rate: 11.77%
-- Flow 3:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 229.670 ms
Loss rate: 19.59%

Run 10: Report of PCC-Expr — Data Link

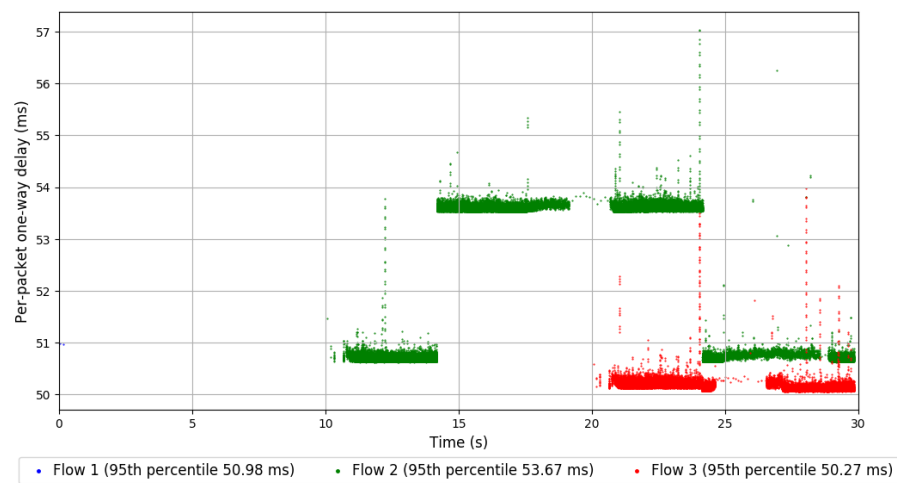
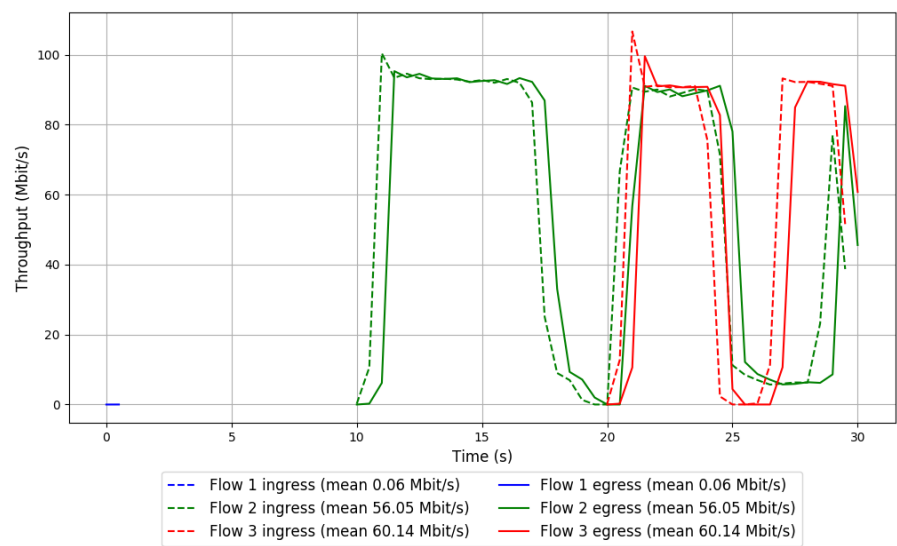


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-12 04:08:28
End at: 2018-07-12 04:08:58
Local clock offset: -0.048 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.96 Mbit/s
95th percentile per-packet one-way delay: 53.648 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 50.981 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 53.666 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 60.14 Mbit/s
95th percentile per-packet one-way delay: 50.270 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

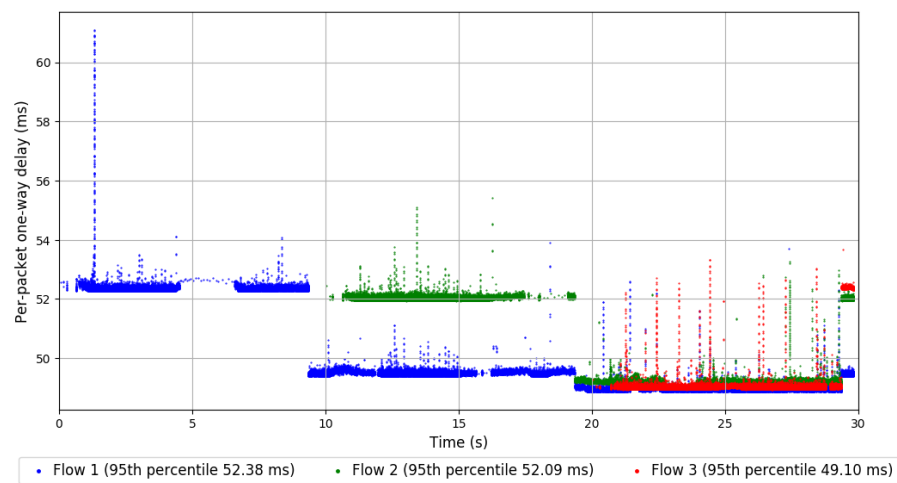
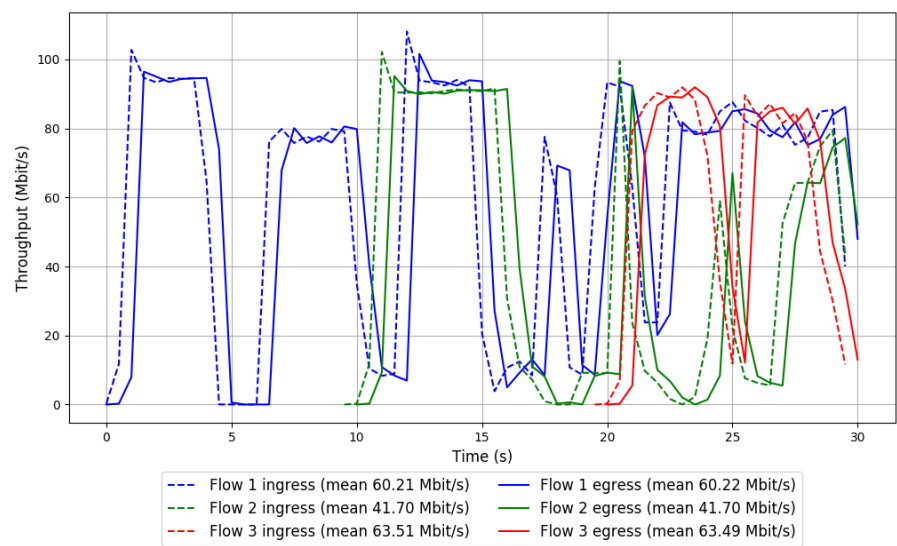


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-12 04:33:13
End at: 2018-07-12 04:33:43
Local clock offset: -0.093 ms
Remote clock offset: -1.342 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 108.75 Mbit/s
95th percentile per-packet one-way delay: 52.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.22 Mbit/s
95th percentile per-packet one-way delay: 52.375 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 52.088 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 63.49 Mbit/s
95th percentile per-packet one-way delay: 49.100 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

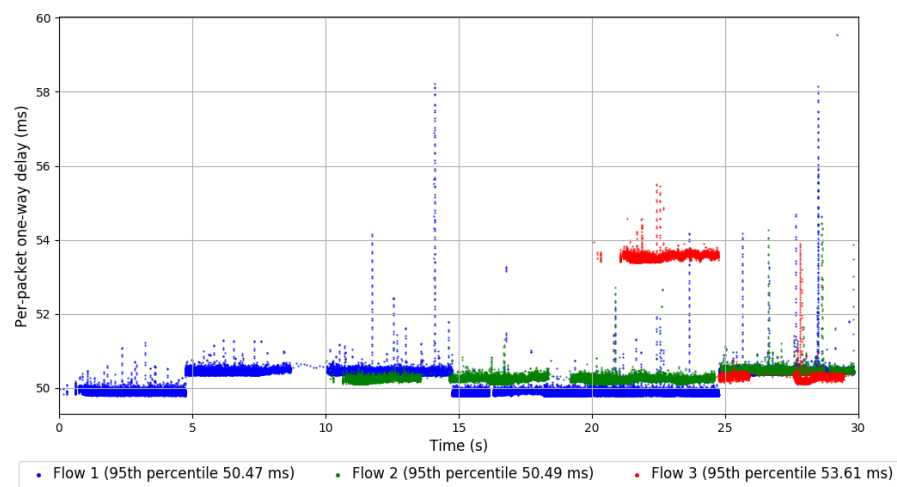
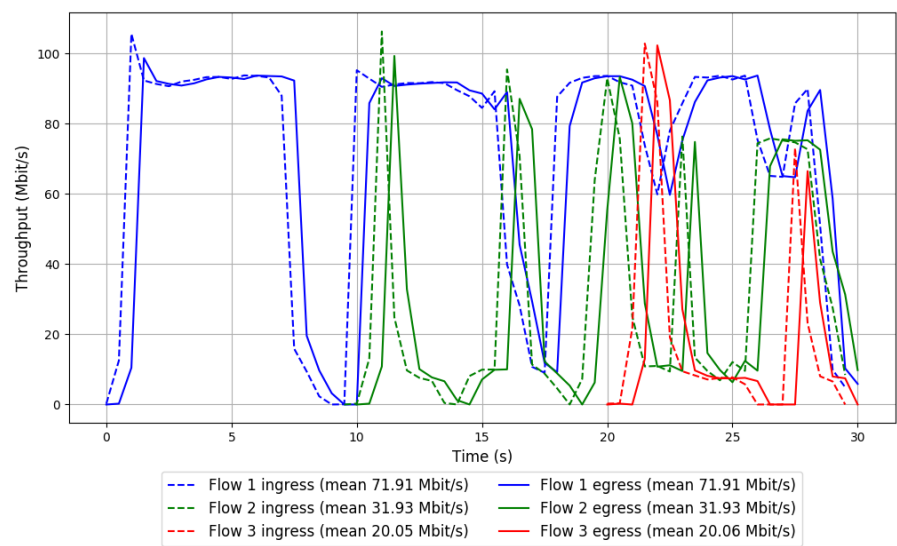


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-12 04:57:17
End at: 2018-07-12 04:57:47
Local clock offset: -0.026 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 99.62 Mbit/s
95th percentile per-packet one-way delay: 50.580 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.91 Mbit/s
95th percentile per-packet one-way delay: 50.467 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 50.489 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 53.614 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

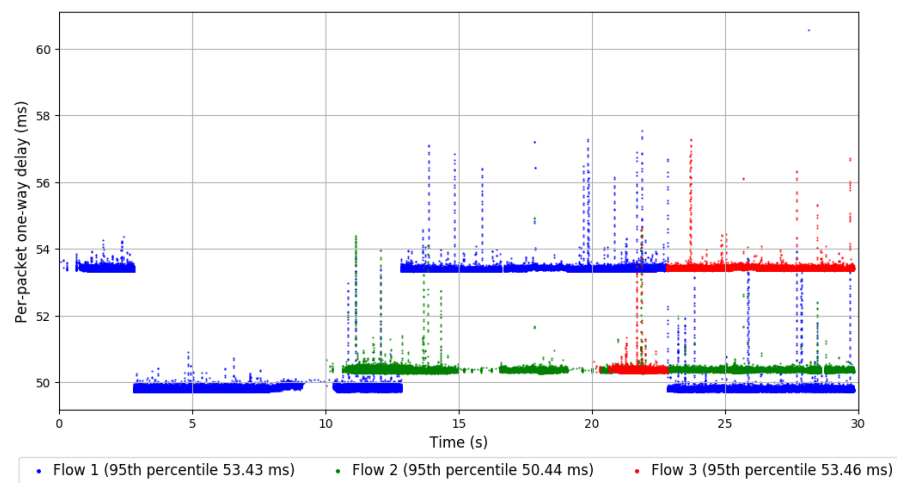
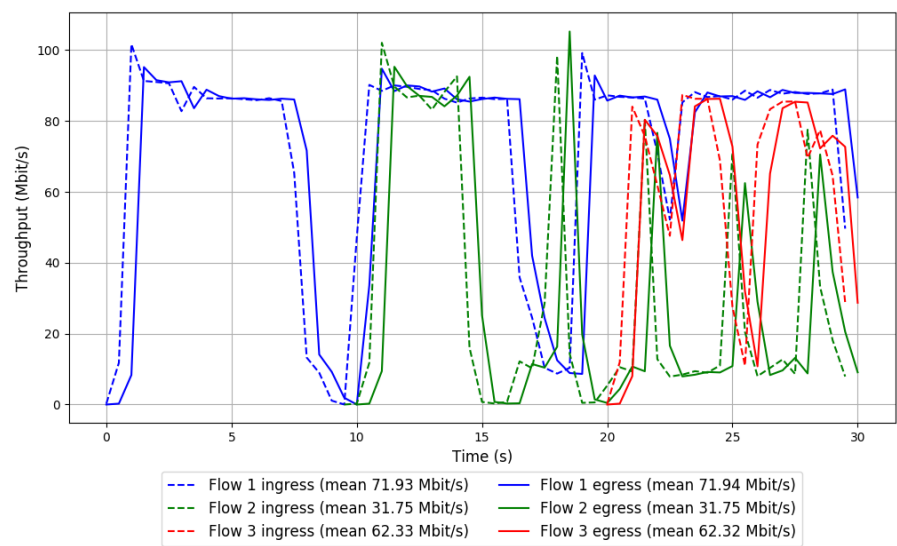


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-12 05:22:29
End at: 2018-07-12 05:22:59
Local clock offset: -0.001 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 113.47 Mbit/s
95th percentile per-packet one-way delay: 53.434 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.94 Mbit/s
95th percentile per-packet one-way delay: 53.426 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 50.437 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.32 Mbit/s
95th percentile per-packet one-way delay: 53.463 ms
Loss rate: 0.01%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-12 05:47:01

End at: 2018-07-12 05:47:31

Local clock offset: 0.163 ms

Remote clock offset: 1.153 ms

Below is generated by plot.py at 2018-07-12 10:25:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 118.29 Mbit/s

95th percentile per-packet one-way delay: 54.377 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 65.42 Mbit/s

95th percentile per-packet one-way delay: 54.399 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 57.49 Mbit/s

95th percentile per-packet one-way delay: 51.292 ms

Loss rate: 0.00%

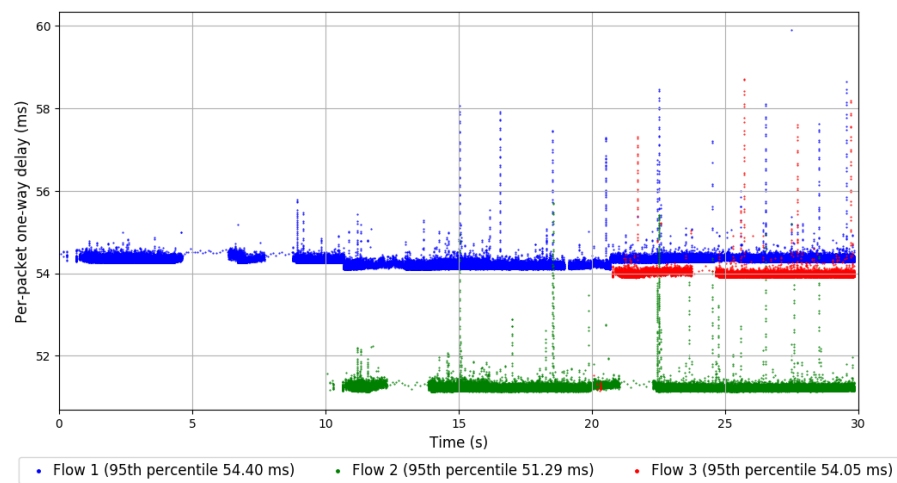
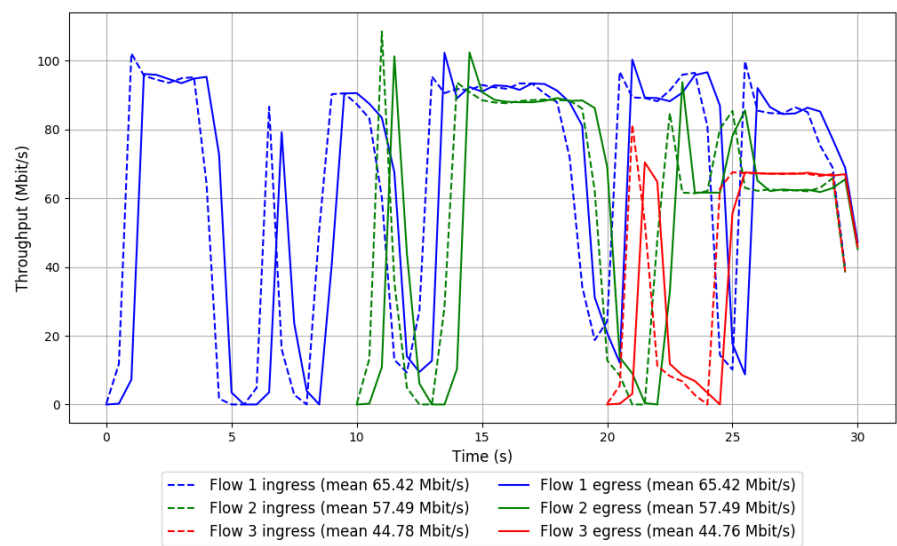
-- Flow 3:

Average throughput: 44.76 Mbit/s

95th percentile per-packet one-way delay: 54.045 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-07-12 06:11:30

End at: 2018-07-12 06:12:00

Local clock offset: -0.046 ms

Remote clock offset: 0.985 ms

Below is generated by plot.py at 2018-07-12 10:25:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 107.95 Mbit/s

95th percentile per-packet one-way delay: 54.303 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 54.12 Mbit/s

95th percentile per-packet one-way delay: 54.324 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 58.15 Mbit/s

95th percentile per-packet one-way delay: 54.286 ms

Loss rate: 0.00%

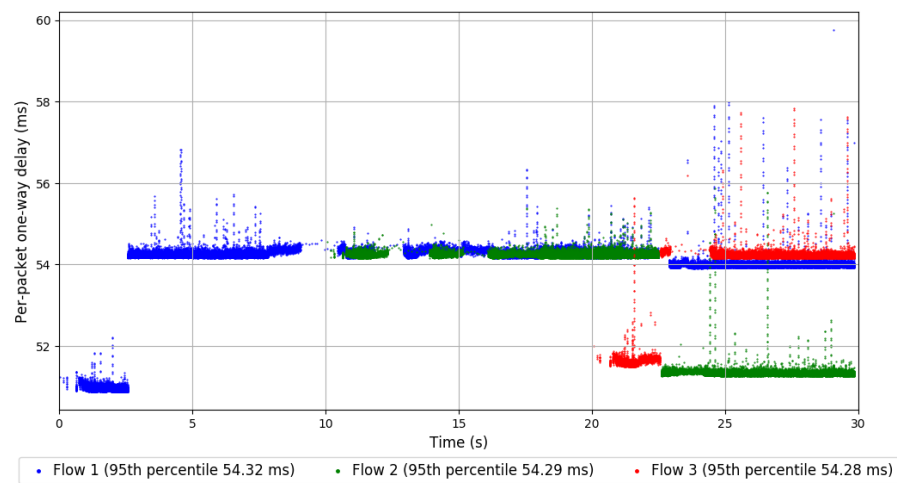
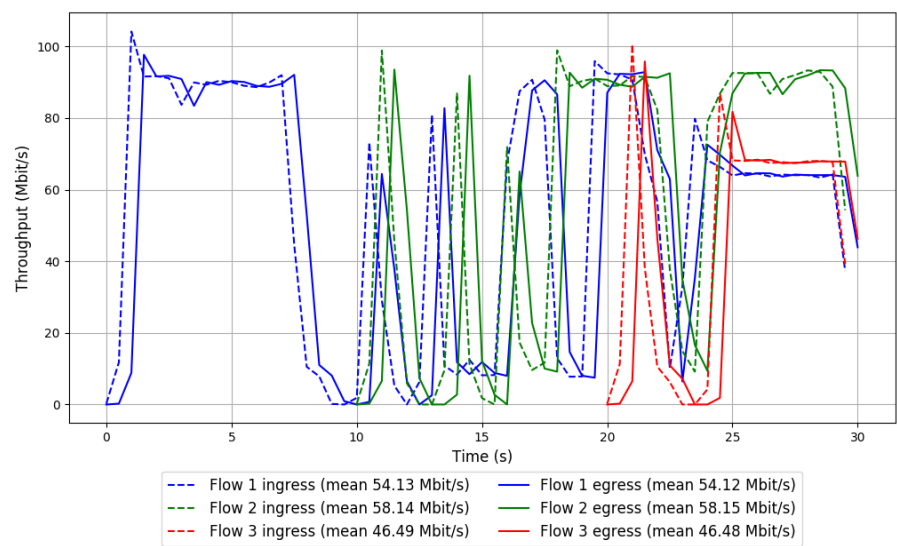
-- Flow 3:

Average throughput: 46.48 Mbit/s

95th percentile per-packet one-way delay: 54.281 ms

Loss rate: 0.04%

Run 6: Report of QUIC Cubic — Data Link

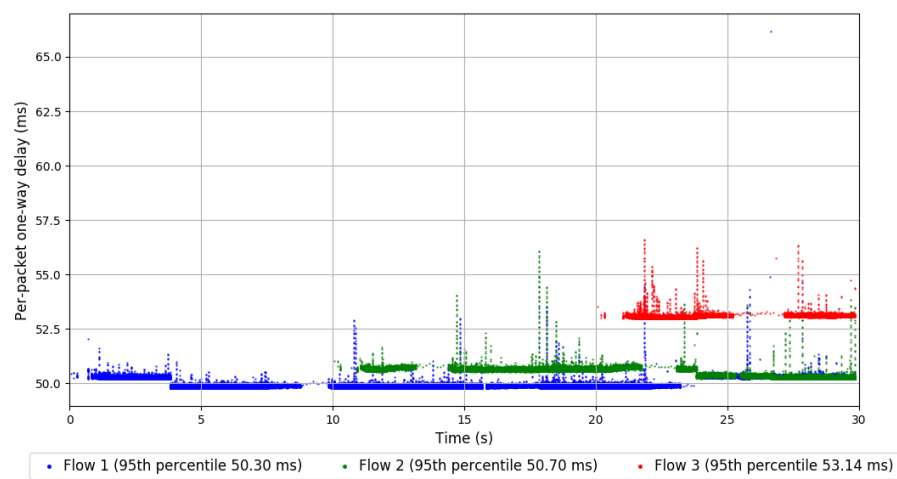
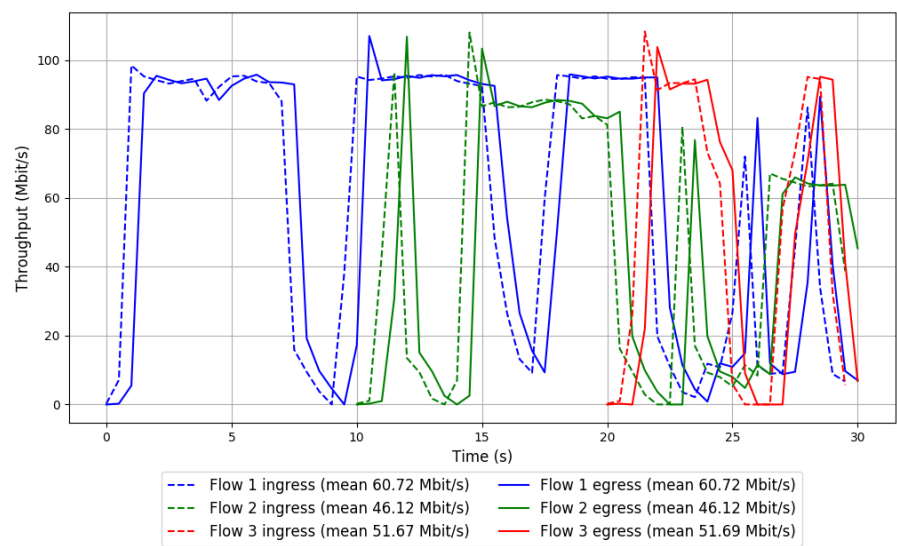


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-12 06:36:28
End at: 2018-07-12 06:36:58
Local clock offset: -0.062 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 108.27 Mbit/s
95th percentile per-packet one-way delay: 53.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.72 Mbit/s
95th percentile per-packet one-way delay: 50.296 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.12 Mbit/s
95th percentile per-packet one-way delay: 50.700 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.69 Mbit/s
95th percentile per-packet one-way delay: 53.141 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

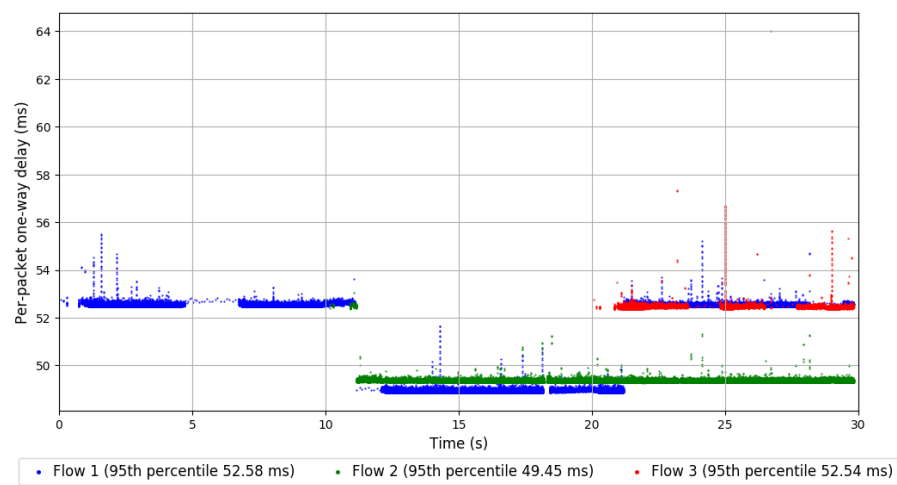
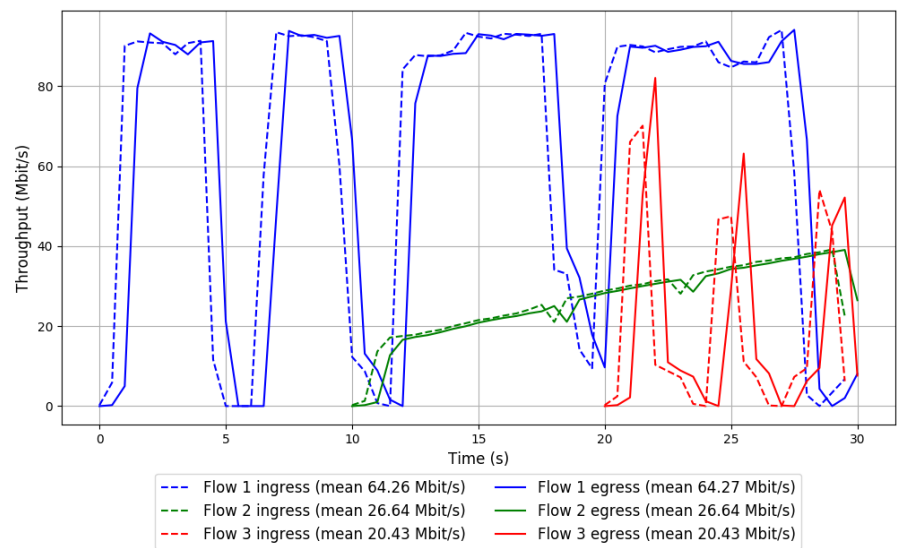


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-12 07:01:21
End at: 2018-07-12 07:01:51
Local clock offset: -0.088 ms
Remote clock offset: -1.229 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.66 Mbit/s
95th percentile per-packet one-way delay: 52.572 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.27 Mbit/s
95th percentile per-packet one-way delay: 52.583 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.64 Mbit/s
95th percentile per-packet one-way delay: 49.448 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.43 Mbit/s
95th percentile per-packet one-way delay: 52.541 ms
Loss rate: 0.01%

Run 8: Report of QUIC Cubic — Data Link

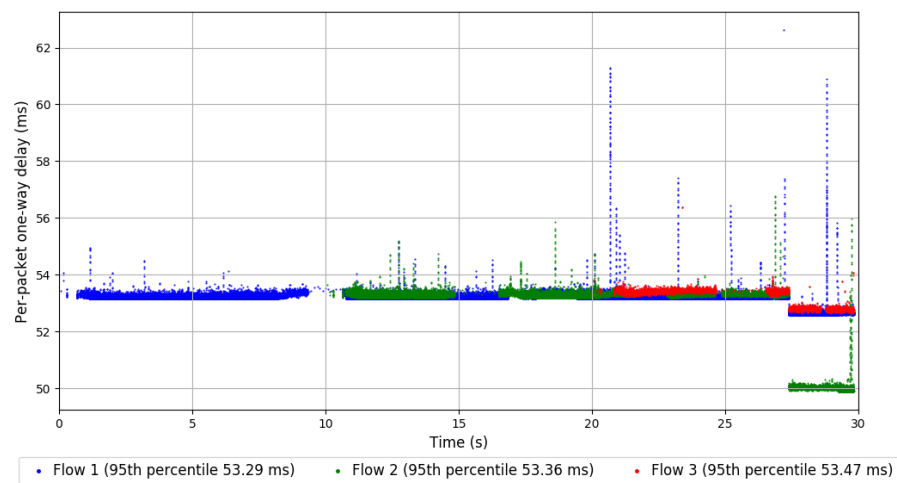
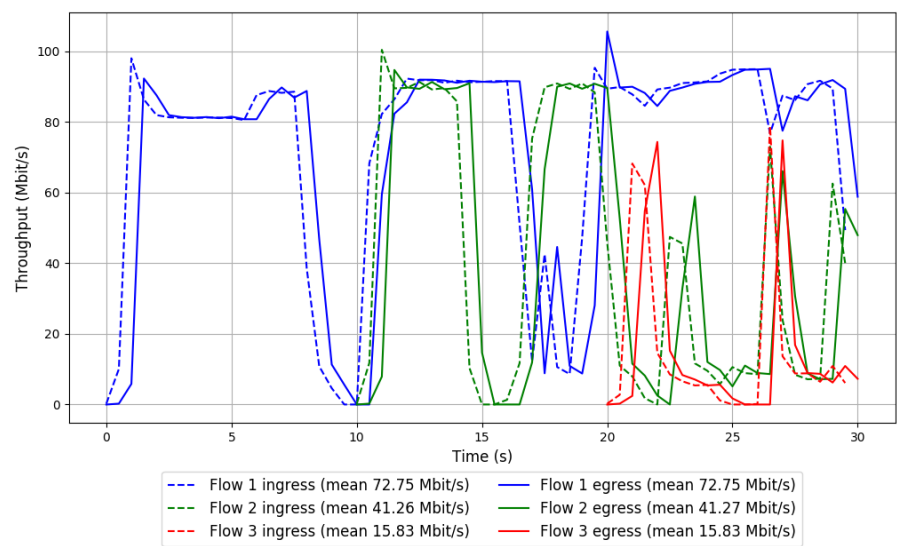


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-12 07:25:55
End at: 2018-07-12 07:26:25
Local clock offset: 0.145 ms
Remote clock offset: -0.198 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 105.34 Mbit/s
95th percentile per-packet one-way delay: 53.350 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.75 Mbit/s
95th percentile per-packet one-way delay: 53.294 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.27 Mbit/s
95th percentile per-packet one-way delay: 53.363 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.83 Mbit/s
95th percentile per-packet one-way delay: 53.470 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

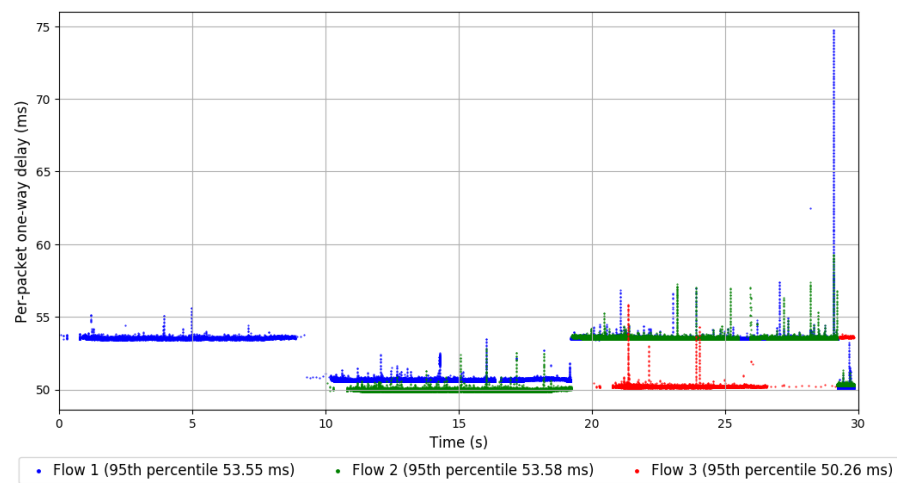
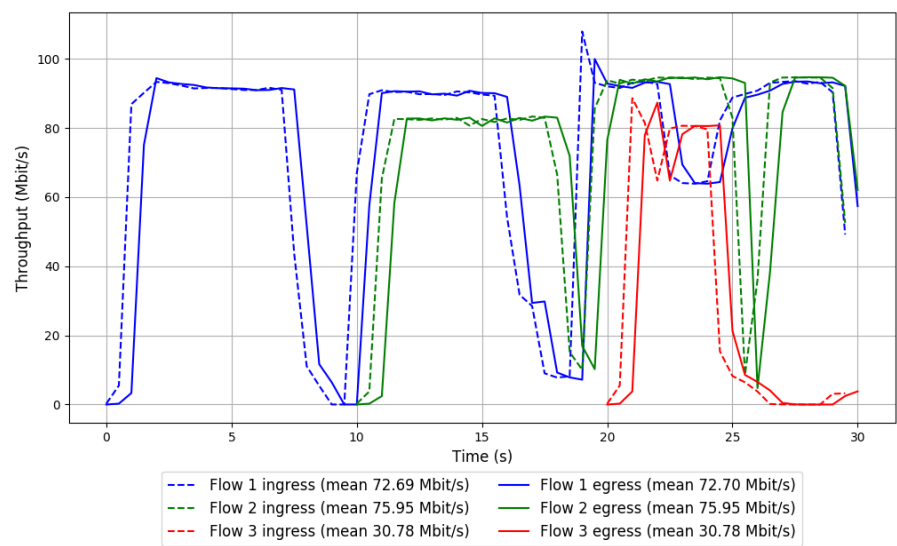


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-12 07:50:23
End at: 2018-07-12 07:50:53
Local clock offset: -0.02 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 133.23 Mbit/s
95th percentile per-packet one-way delay: 53.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 53.550 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 53.575 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 50.260 ms
Loss rate: 0.01%

Run 10: Report of QUIC Cubic — Data Link

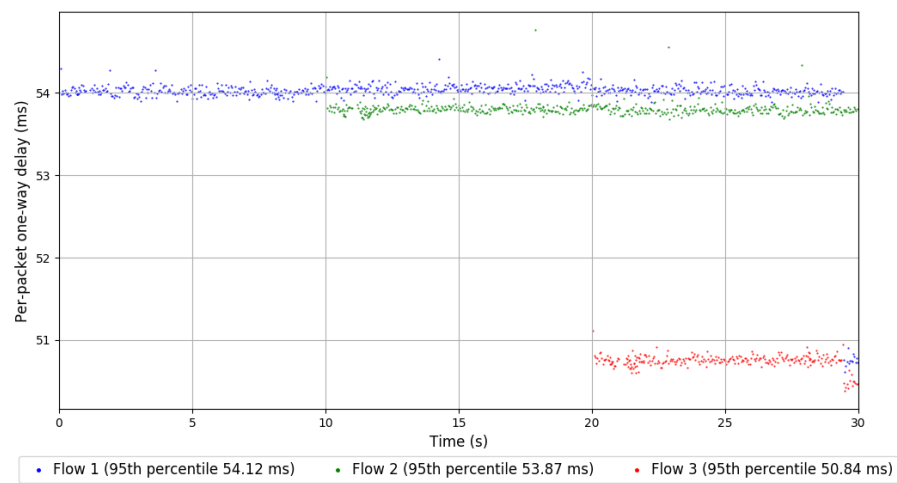
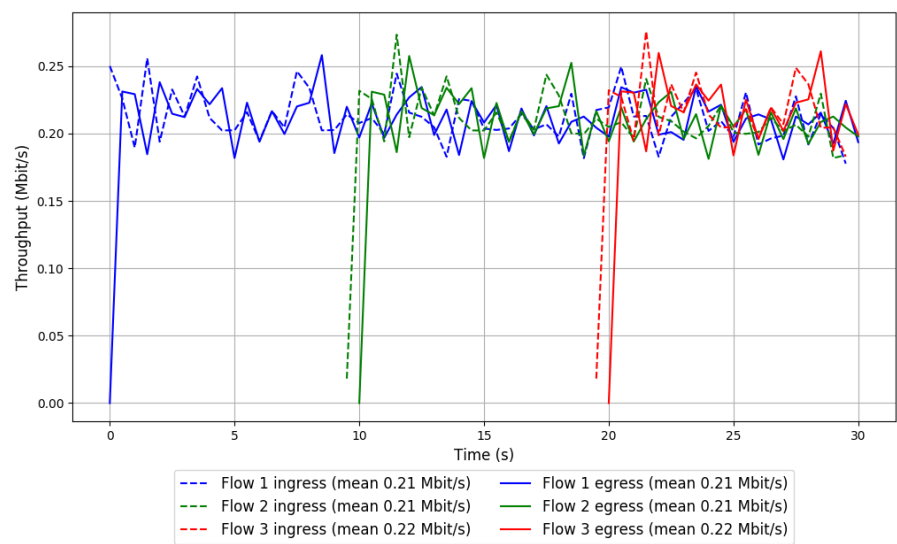


```
Run 1: Statistics of SReAM

Start at: 2018-07-12 04:06:03
End at: 2018-07-12 04:06:33
Local clock offset: -0.093 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2018-07-12 10:25:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 54.102 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.124 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.868 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.845 ms
Loss rate: 0.00%
```


Run 1: Report of SCReAM — Data Link

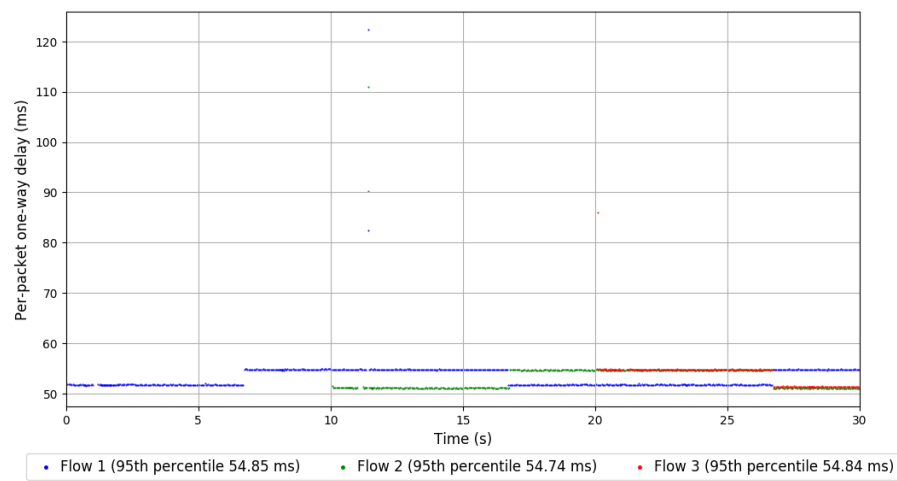
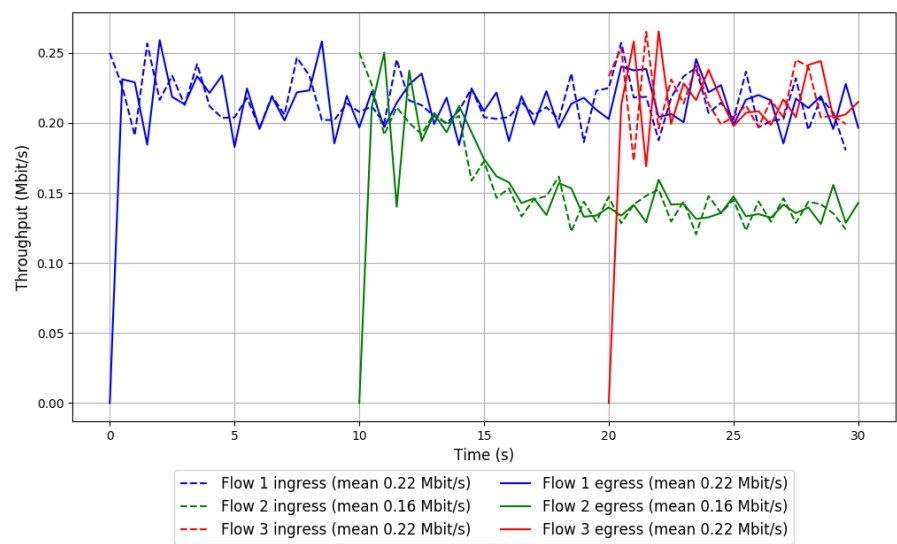


```
Run 2: Statistics of SReAM

Start at: 2018-07-12 04:30:46
End at: 2018-07-12 04:31:16
Local clock offset: -0.067 ms
Remote clock offset: 0.928 ms

# Below is generated by plot.py at 2018-07-12 10:25:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 54.837 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.849 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 54.739 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 54.844 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

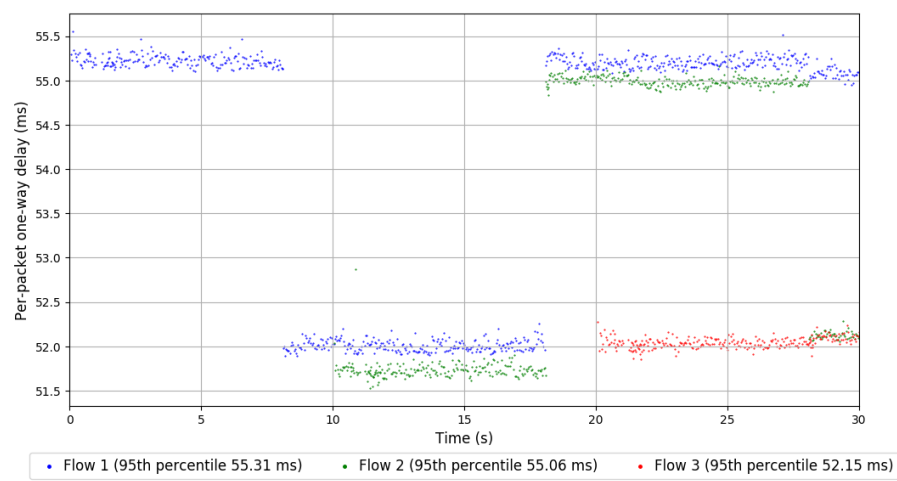
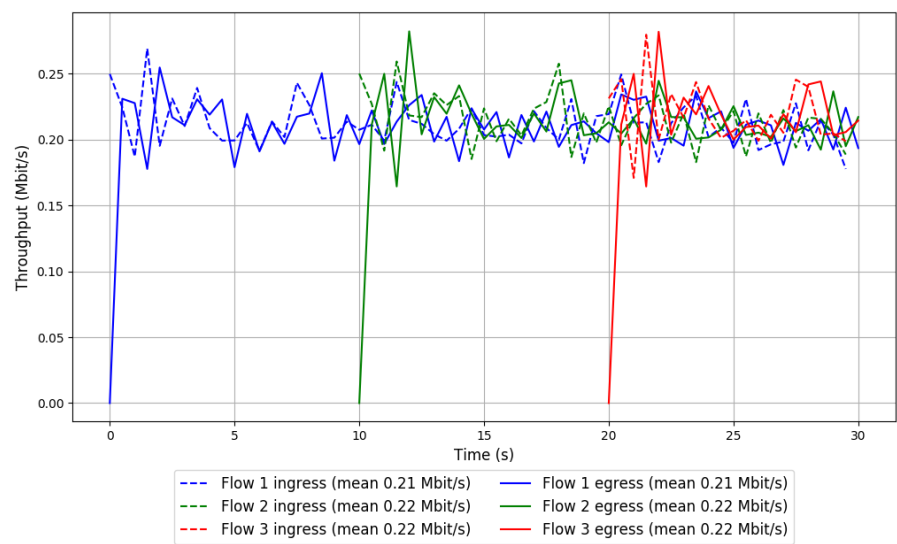


Run 3: Statistics of SCReAM

Start at: 2018-07-12 04:54:54
End at: 2018-07-12 04:55:24
Local clock offset: -0.107 ms
Remote clock offset: 1.148 ms

```
# Below is generated by plot.py at 2018-07-12 10:25:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 55.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 55.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.058 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 52.146 ms
Loss rate: 0.00%
```

Run 3: Report of SReAM — Data Link

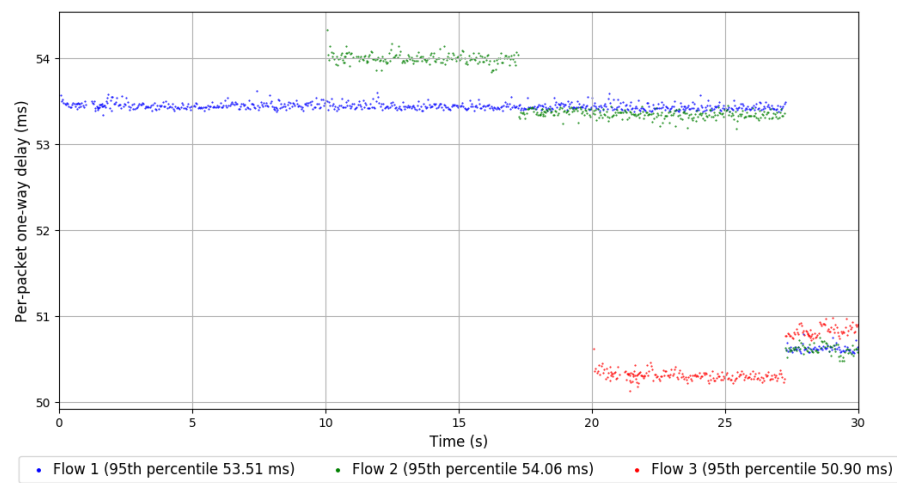
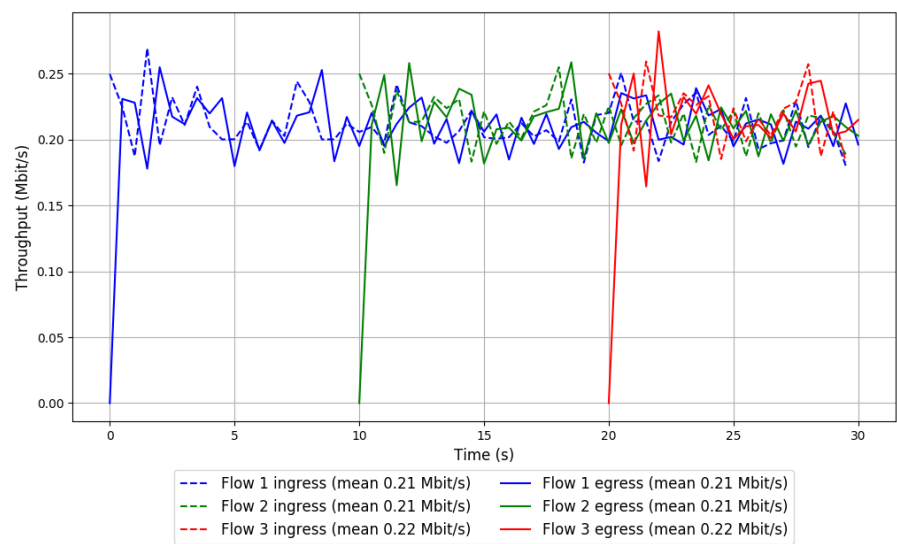


Run 4: Statistics of SReAM

Start at: 2018-07-12 05:19:55
End at: 2018-07-12 05:20:25
Local clock offset: -0.163 ms
Remote clock offset: 0.011 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 54.006 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.511 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.057 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.897 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

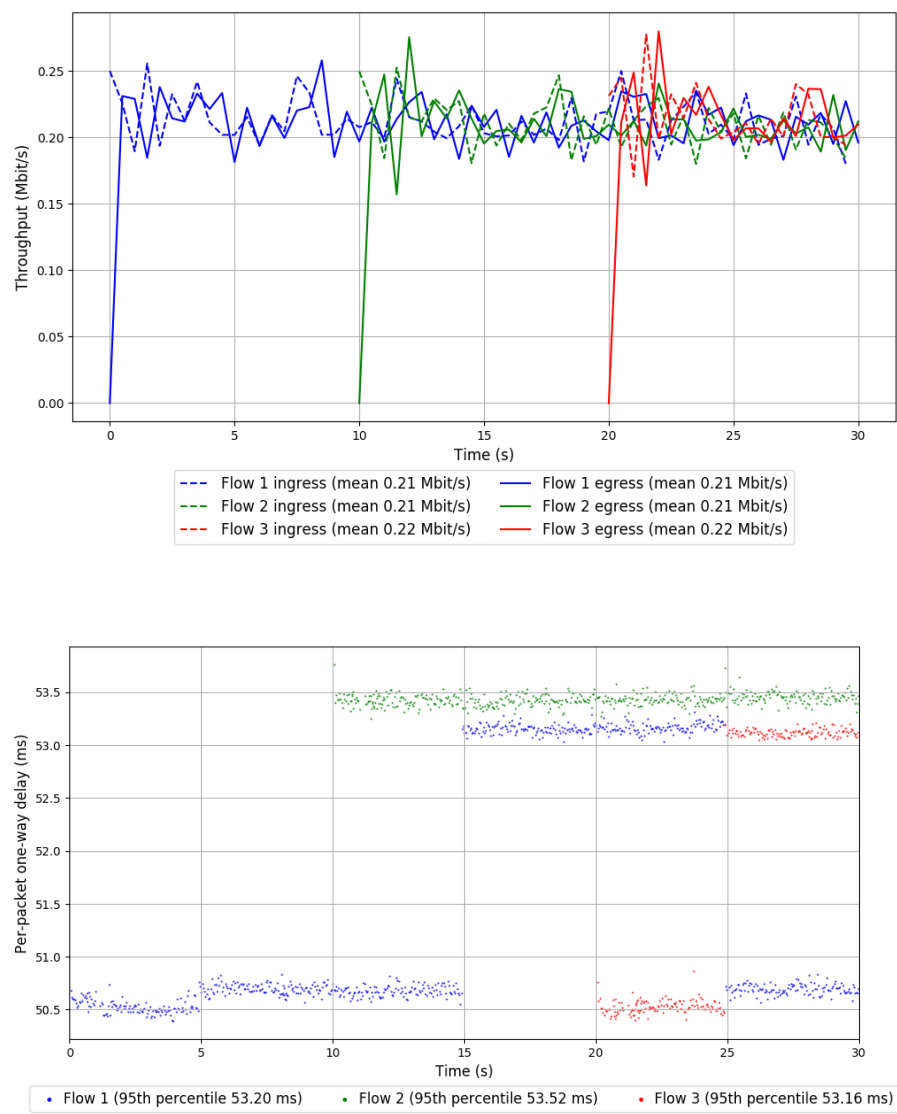


Run 5: Statistics of SReAM

Start at: 2018-07-12 05:44:37
End at: 2018-07-12 05:45:07
Local clock offset: -0.234 ms
Remote clock offset: -0.246 ms

Below is generated by plot.py at 2018-07-12 10:25:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.201 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.519 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.163 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

Start at: 2018-07-12 06:09:07

End at: 2018-07-12 06:09:37

Local clock offset: 0.066 ms

Remote clock offset: 1.183 ms

Below is generated by plot.py at 2018-07-12 10:25:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 54.612 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 52.165 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 51.970 ms

Loss rate: 0.00%

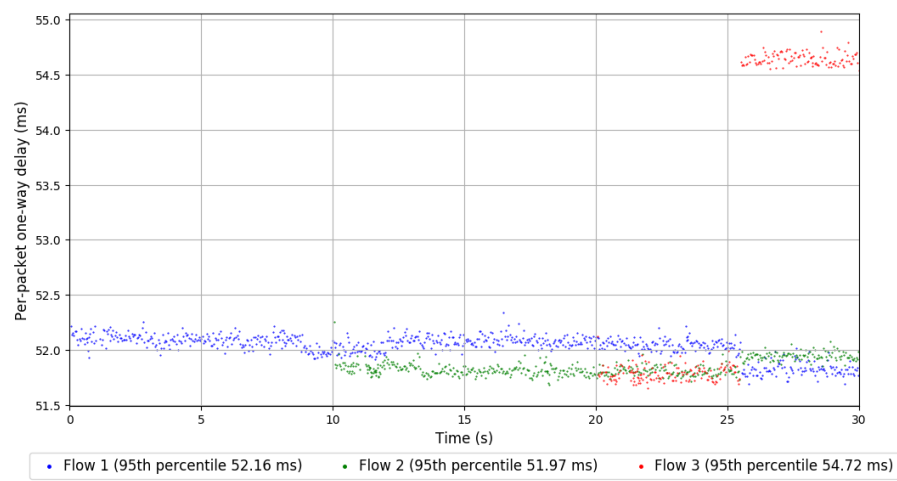
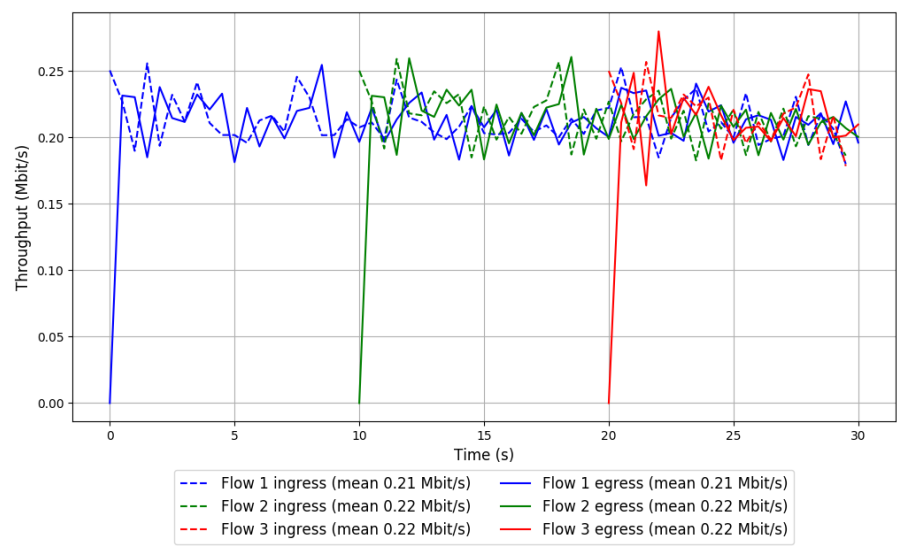
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 54.715 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

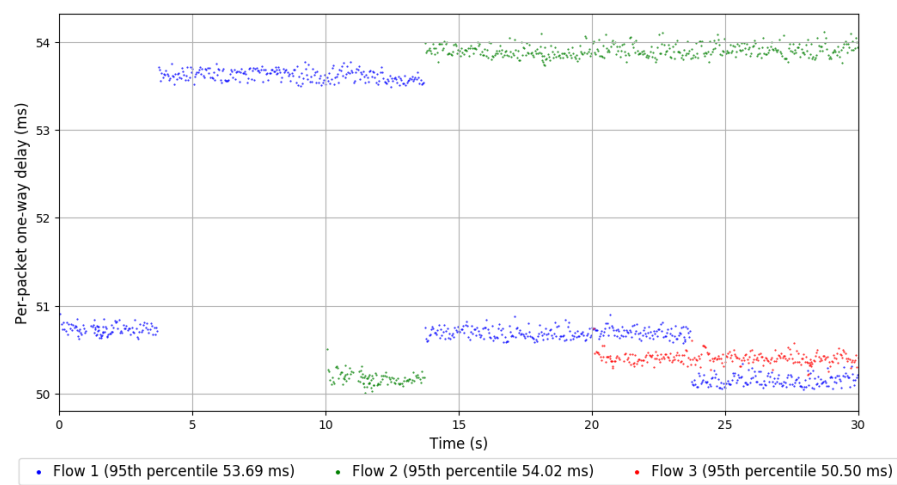
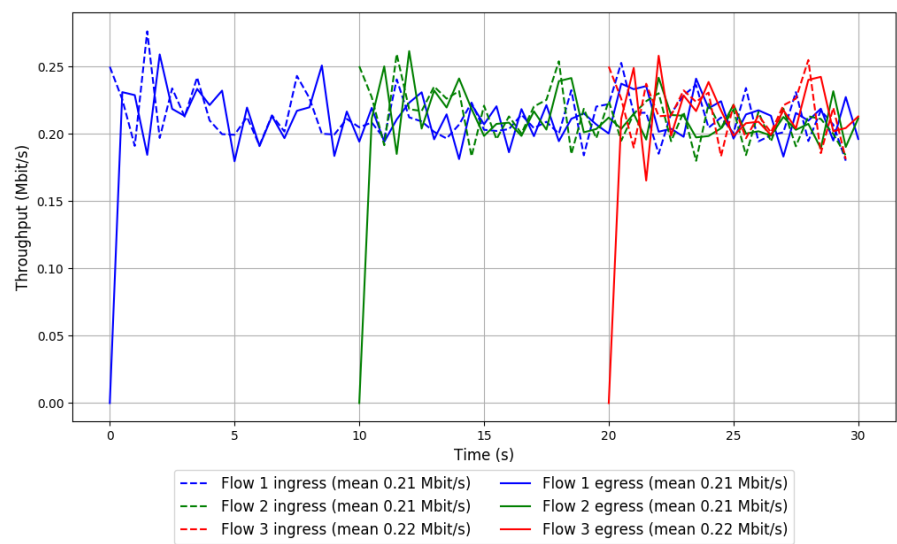


Run 7: Statistics of SReAM

Start at: 2018-07-12 06:33:59
End at: 2018-07-12 06:34:29
Local clock offset: -0.214 ms
Remote clock offset: -0.161 ms

Below is generated by plot.py at 2018-07-12 10:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.975 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.691 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.017 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.502 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

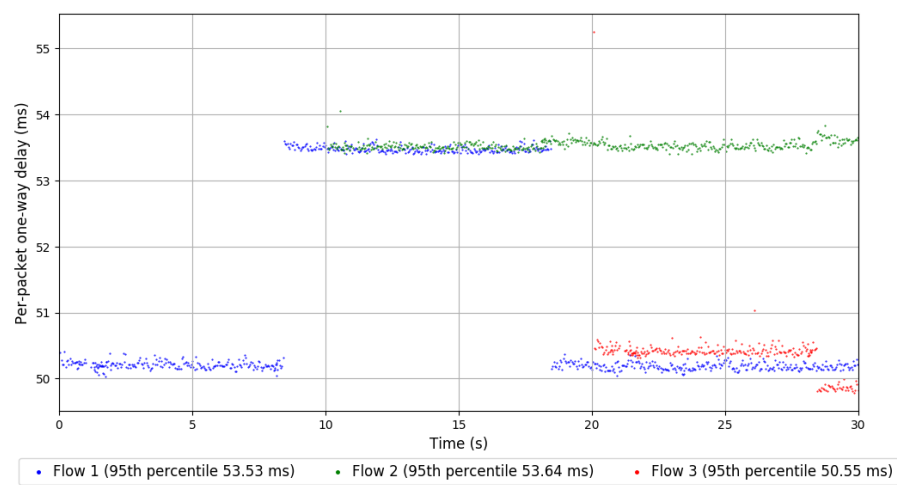
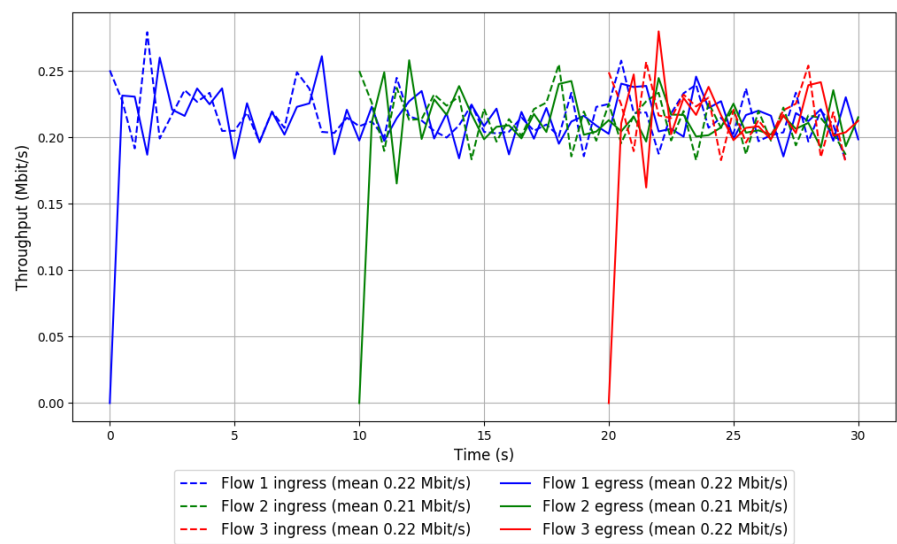


Run 8: Statistics of SReAM

Start at: 2018-07-12 06:58:54
End at: 2018-07-12 06:59:24
Local clock offset: 0.046 ms
Remote clock offset: -0.165 ms

Below is generated by plot.py at 2018-07-12 10:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 53.600 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.531 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.643 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.548 ms
Loss rate: 0.00%

Run 8: Report of SCReAM — Data Link



Run 9: Statistics of SReAM

Start at: 2018-07-12 07:23:28

End at: 2018-07-12 07:23:58

Local clock offset: 0.037 ms

Remote clock offset: 0.028 ms

Below is generated by plot.py at 2018-07-12 10:25:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 53.795 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.742 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 53.831 ms

Loss rate: 0.00%

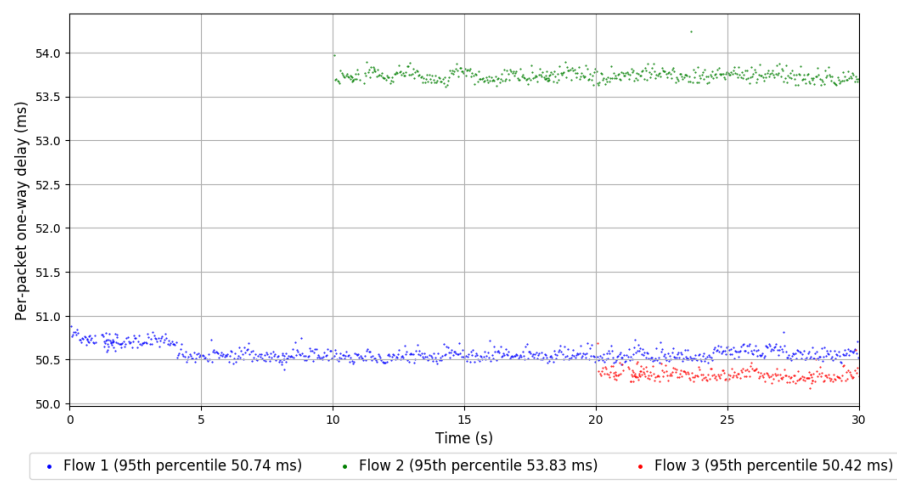
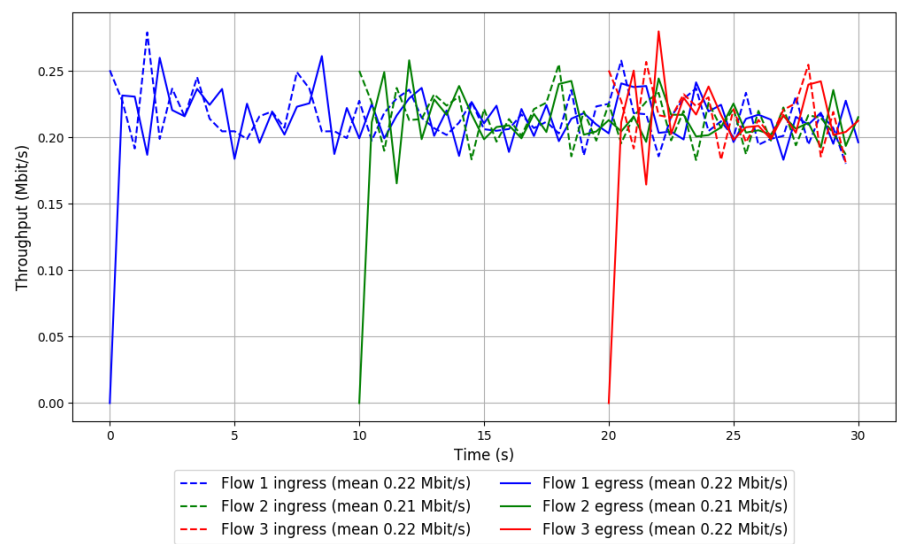
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.424 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-07-12 07:47:55

End at: 2018-07-12 07:48:25

Local clock offset: 0.016 ms

Remote clock offset: 0.116 ms

Below is generated by plot.py at 2018-07-12 10:25:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 53.933 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 53.926 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 53.878 ms

Loss rate: 0.00%

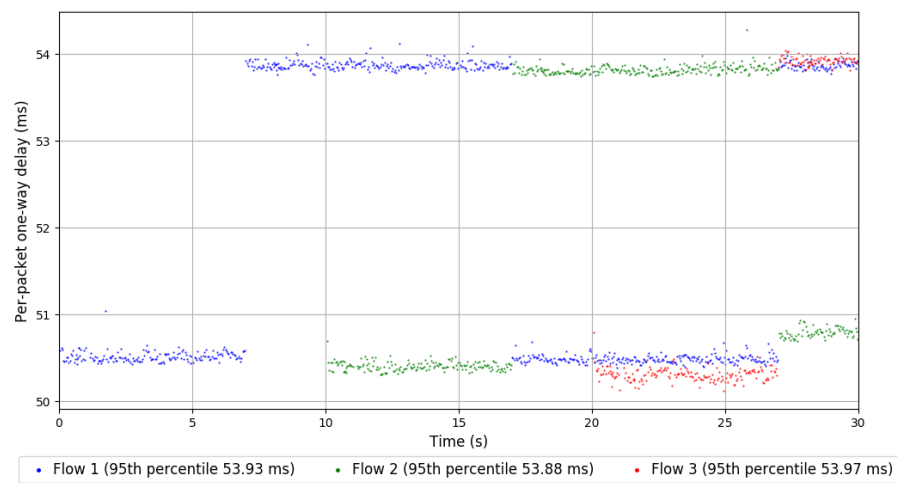
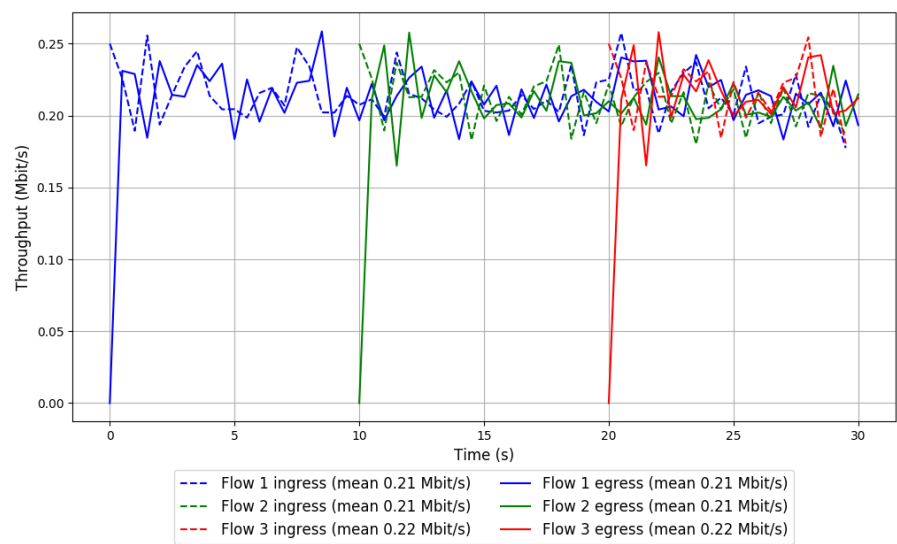
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 53.972 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

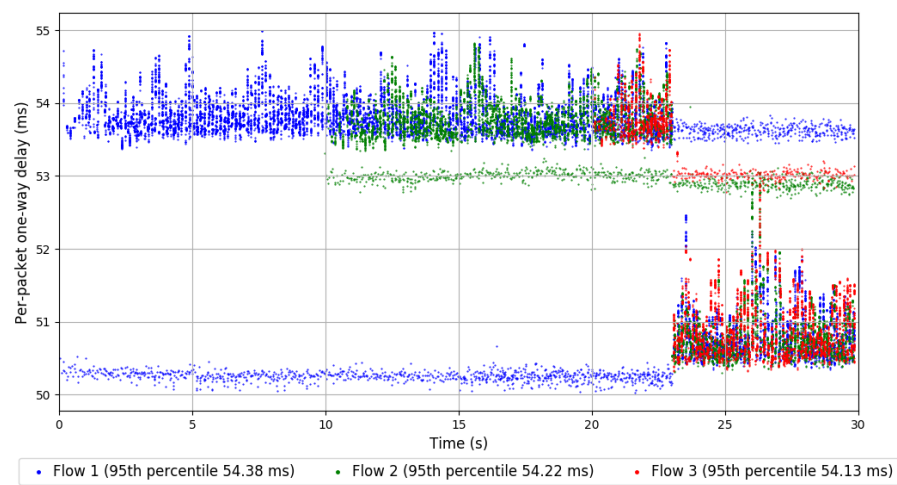
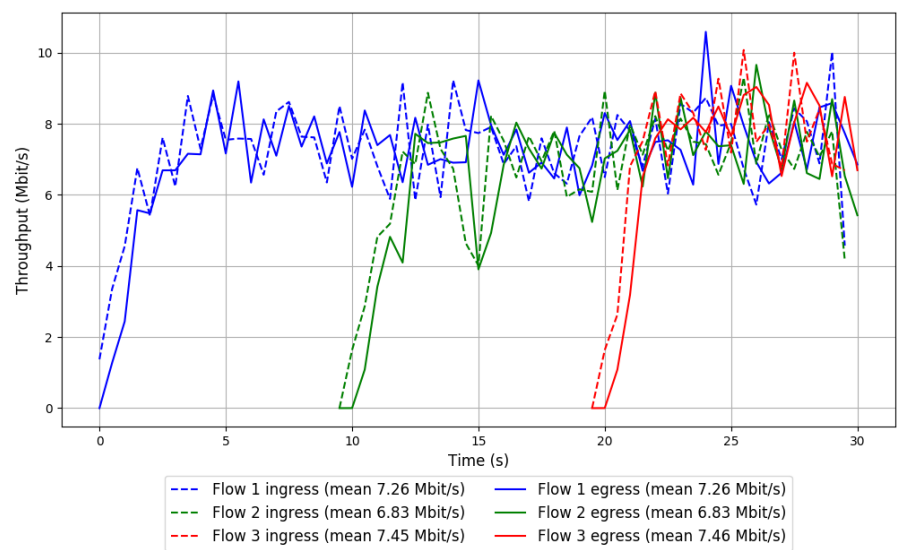


Run 1: Statistics of Sprout

Start at: 2018-07-12 03:50:19
End at: 2018-07-12 03:50:49
Local clock offset: -0.049 ms
Remote clock offset: -0.295 ms

Below is generated by plot.py at 2018-07-12 10:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 54.304 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.26 Mbit/s
95th percentile per-packet one-way delay: 54.381 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 54.223 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.46 Mbit/s
95th percentile per-packet one-way delay: 54.126 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

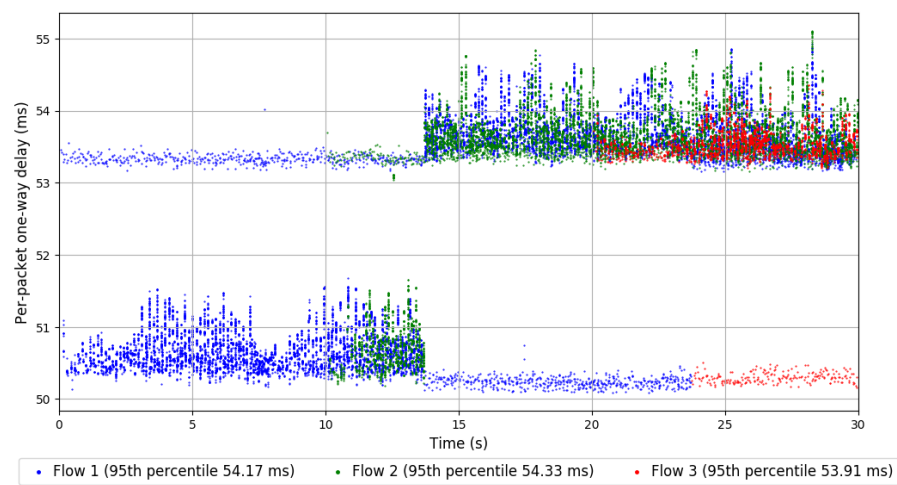
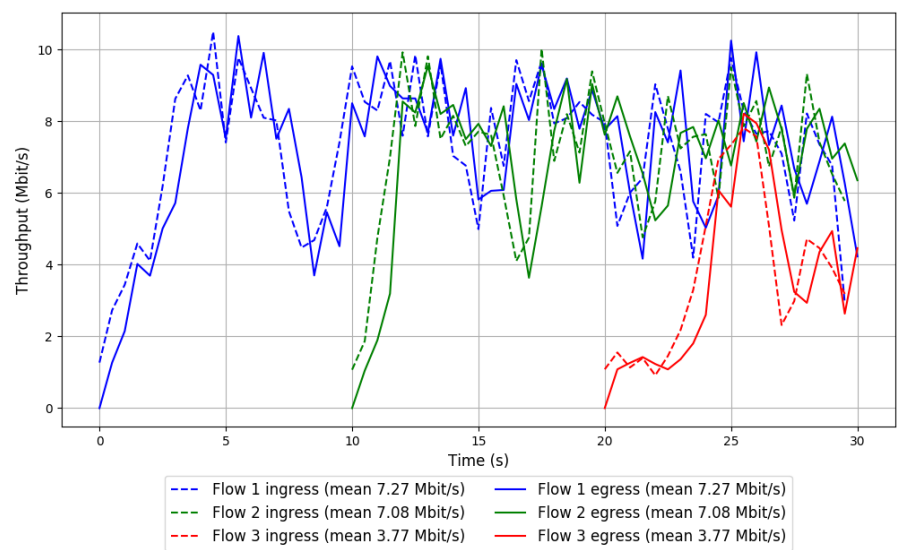


Run 2: Statistics of Sprout

Start at: 2018-07-12 04:15:08
End at: 2018-07-12 04:15:38
Local clock offset: 0.046 ms
Remote clock offset: -0.323 ms

Below is generated by plot.py at 2018-07-12 10:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.21 Mbit/s
95th percentile per-packet one-way delay: 54.203 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 54.168 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 54.330 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 53.914 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

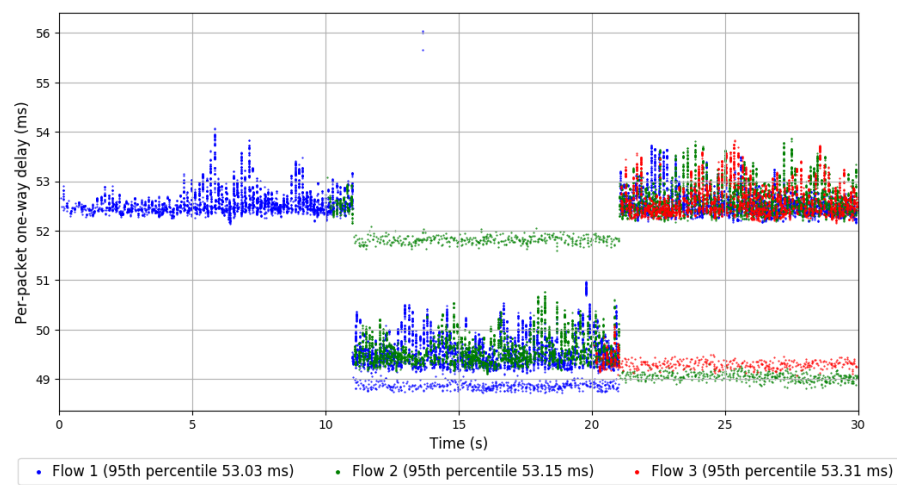
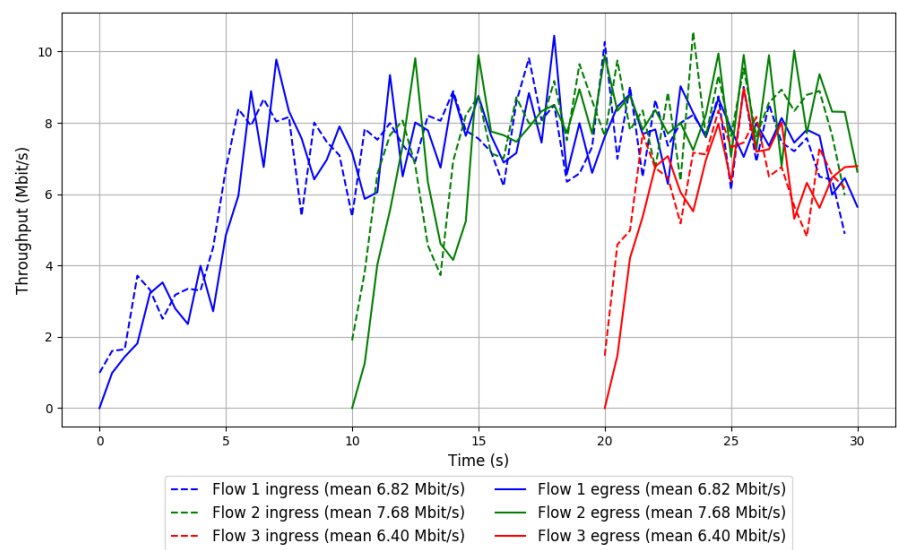


Run 3: Statistics of Sprout

Start at: 2018-07-12 04:39:51
End at: 2018-07-12 04:40:21
Local clock offset: 0.105 ms
Remote clock offset: -1.316 ms

Below is generated by plot.py at 2018-07-12 10:25:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 53.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.82 Mbit/s
95th percentile per-packet one-way delay: 53.029 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.68 Mbit/s
95th percentile per-packet one-way delay: 53.151 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.40 Mbit/s
95th percentile per-packet one-way delay: 53.306 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

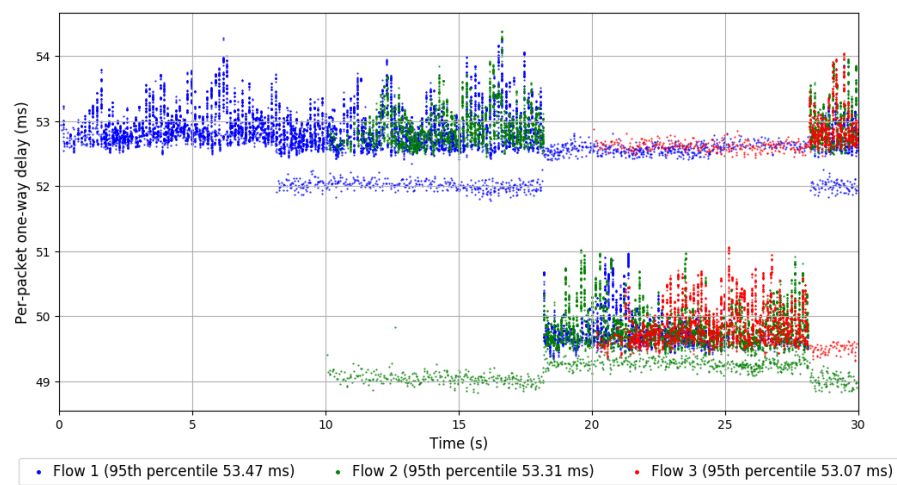
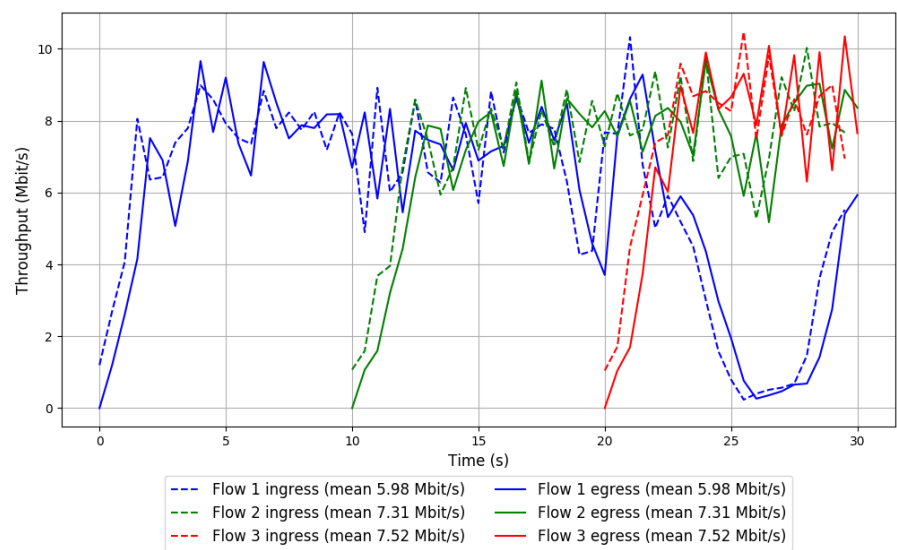


Run 4: Statistics of Sprout

Start at: 2018-07-12 05:04:14
End at: 2018-07-12 05:04:44
Local clock offset: 0.067 ms
Remote clock offset: -1.054 ms

```
# Below is generated by plot.py at 2018-07-12 10:25:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.32 Mbit/s
95th percentile per-packet one-way delay: 53.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.98 Mbit/s
95th percentile per-packet one-way delay: 53.468 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 53.315 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.52 Mbit/s
95th percentile per-packet one-way delay: 53.072 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

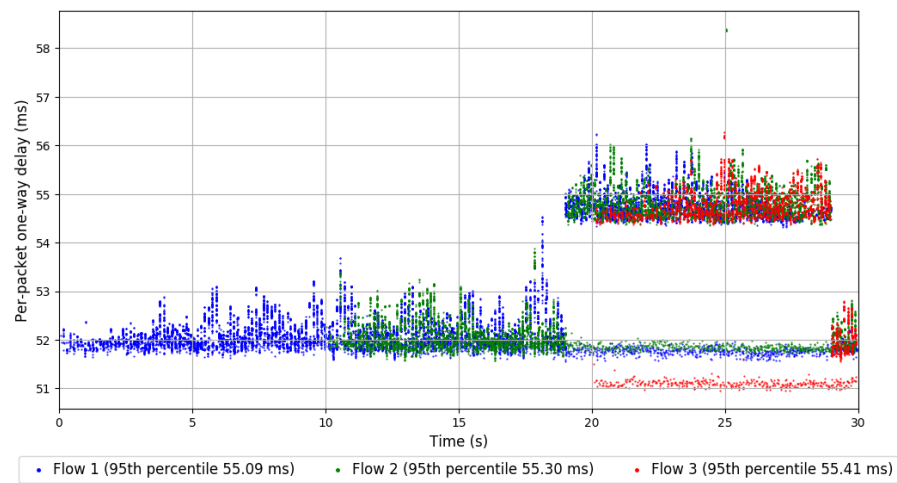
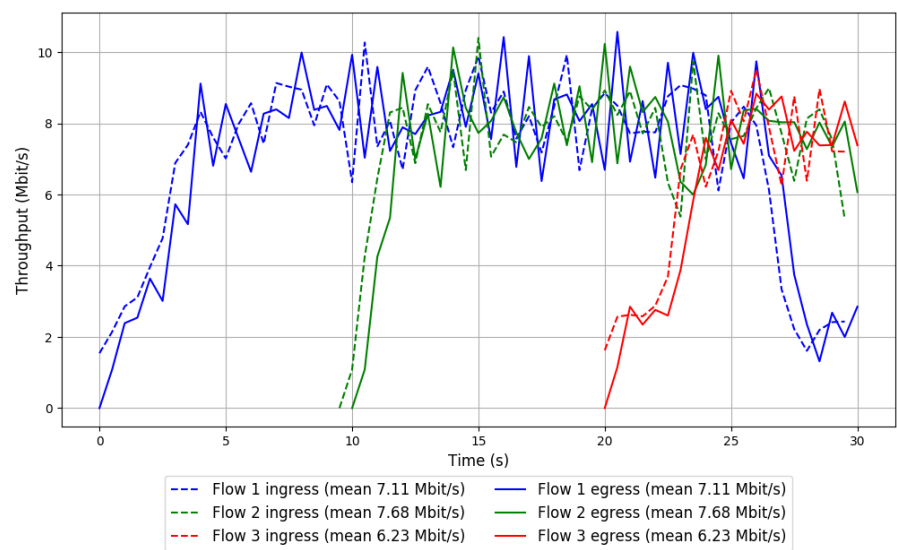


Run 5: Statistics of Sprout

Start at: 2018-07-12 05:29:03
End at: 2018-07-12 05:29:33
Local clock offset: -0.162 ms
Remote clock offset: 0.936 ms

```
# Below is generated by plot.py at 2018-07-12 10:25:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 55.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.11 Mbit/s
95th percentile per-packet one-way delay: 55.085 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.68 Mbit/s
95th percentile per-packet one-way delay: 55.295 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 55.410 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

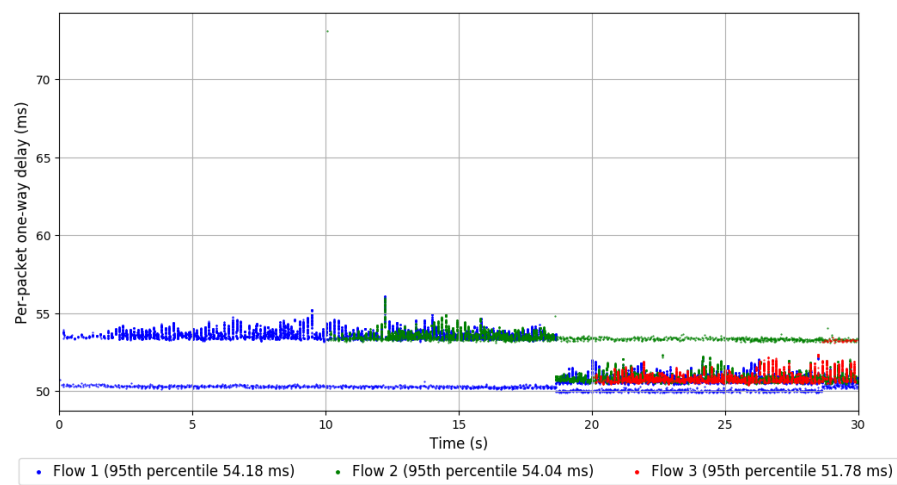
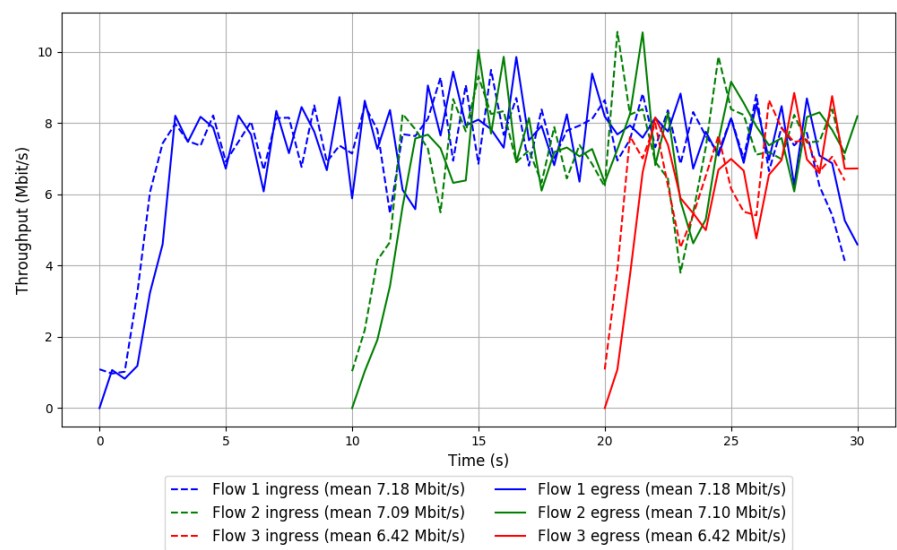


Run 6: Statistics of Sprout

Start at: 2018-07-12 05:53:34
End at: 2018-07-12 05:54:04
Local clock offset: -0.114 ms
Remote clock offset: -0.166 ms

```
# Below is generated by plot.py at 2018-07-12 10:25:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 14.01 Mbit/s
95th percentile per-packet one-way delay: 54.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 54.176 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.10 Mbit/s
95th percentile per-packet one-way delay: 54.044 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 51.778 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

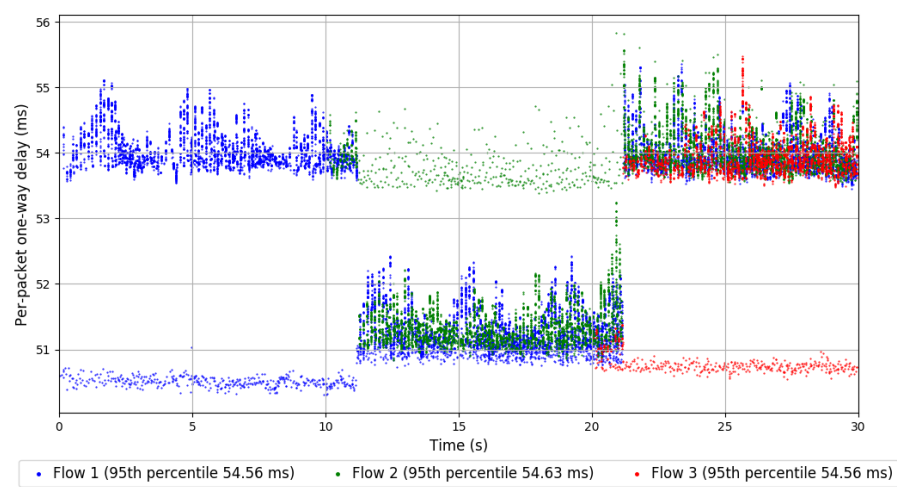
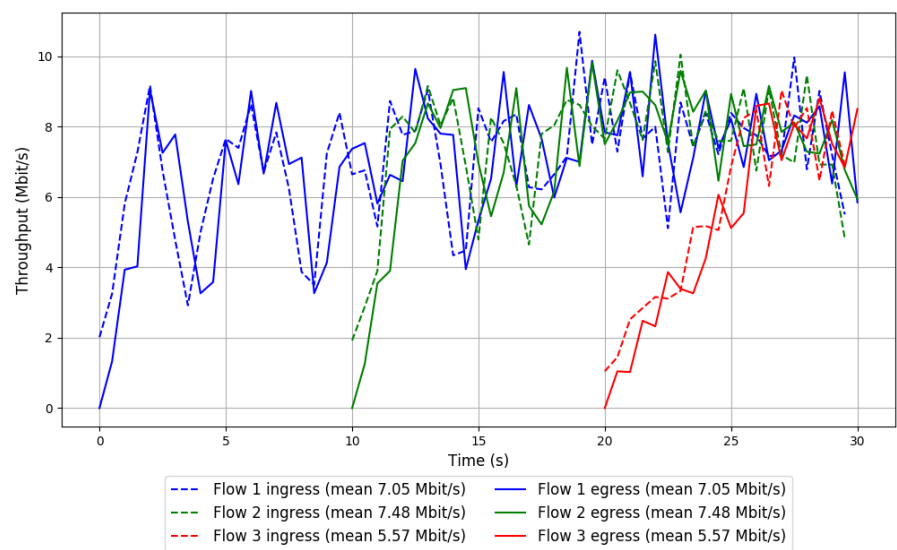


Run 7: Statistics of Sprout

Start at: 2018-07-12 06:18:11
End at: 2018-07-12 06:18:41
Local clock offset: -0.256 ms
Remote clock offset: 0.09 ms

```
# Below is generated by plot.py at 2018-07-12 10:25:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.86 Mbit/s
95th percentile per-packet one-way delay: 54.583 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.05 Mbit/s
95th percentile per-packet one-way delay: 54.556 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 54.629 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.57 Mbit/s
95th percentile per-packet one-way delay: 54.559 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-07-12 06:43:22

End at: 2018-07-12 06:43:52

Local clock offset: 0.088 ms

Remote clock offset: 0.065 ms

Below is generated by plot.py at 2018-07-12 10:25:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.02 Mbit/s

95th percentile per-packet one-way delay: 54.239 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.57 Mbit/s

95th percentile per-packet one-way delay: 54.338 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.87 Mbit/s

95th percentile per-packet one-way delay: 54.182 ms

Loss rate: 0.01%

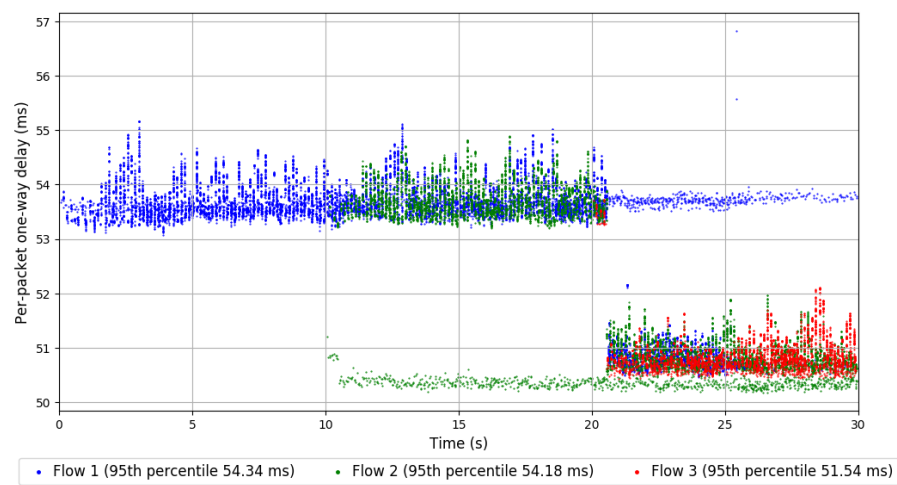
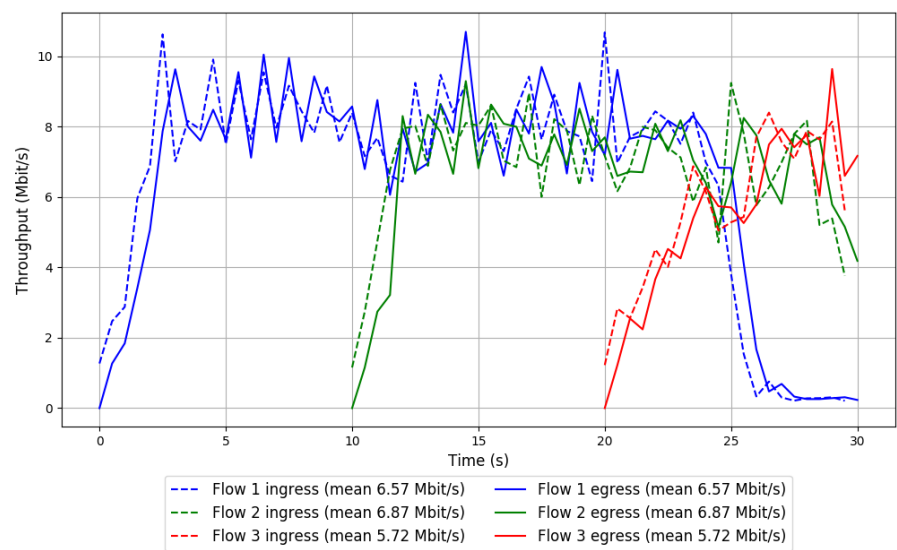
-- Flow 3:

Average throughput: 5.72 Mbit/s

95th percentile per-packet one-way delay: 51.538 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-07-12 07:07:56

End at: 2018-07-12 07:08:26

Local clock offset: -0.084 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2018-07-12 10:25:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.78 Mbit/s

95th percentile per-packet one-way delay: 54.516 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 7.01 Mbit/s

95th percentile per-packet one-way delay: 54.642 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.86 Mbit/s

95th percentile per-packet one-way delay: 54.329 ms

Loss rate: 0.00%

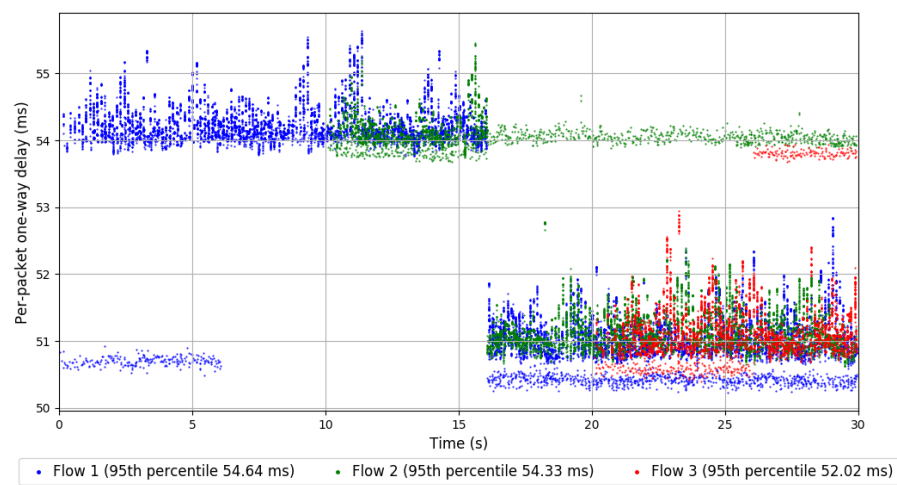
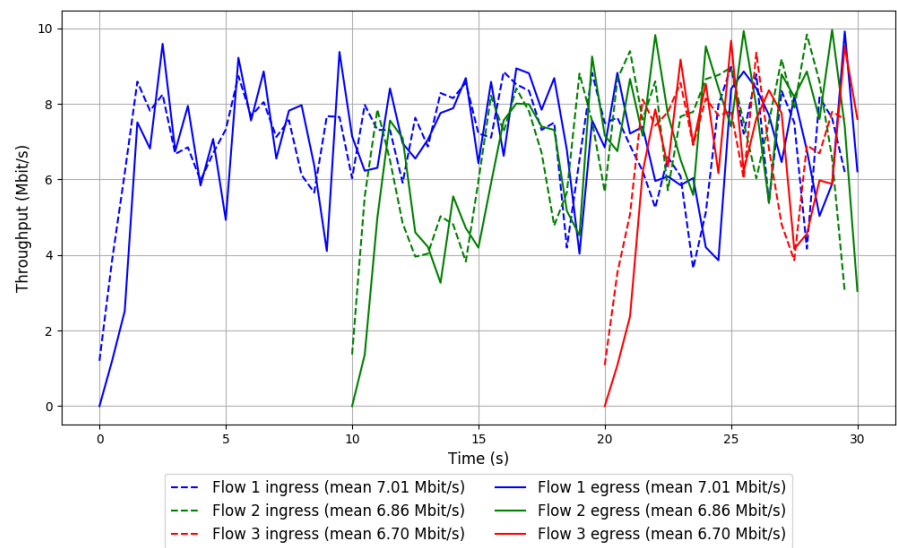
-- Flow 3:

Average throughput: 6.70 Mbit/s

95th percentile per-packet one-way delay: 52.024 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

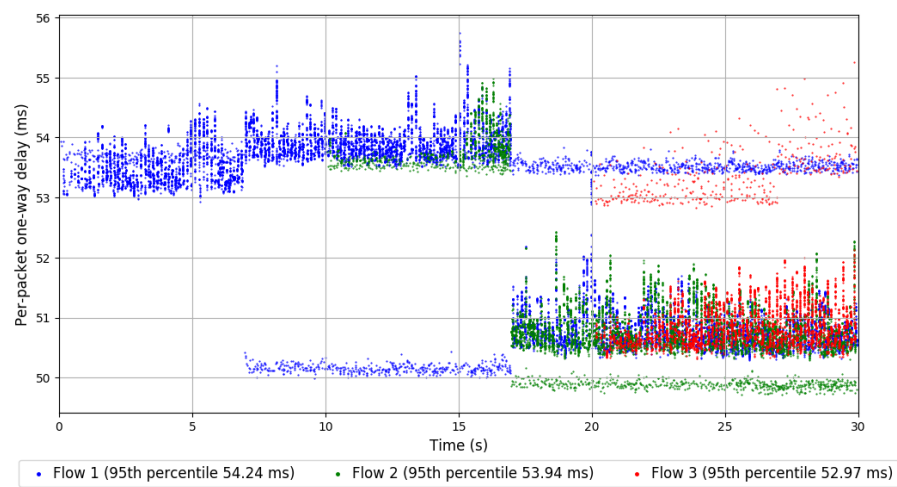
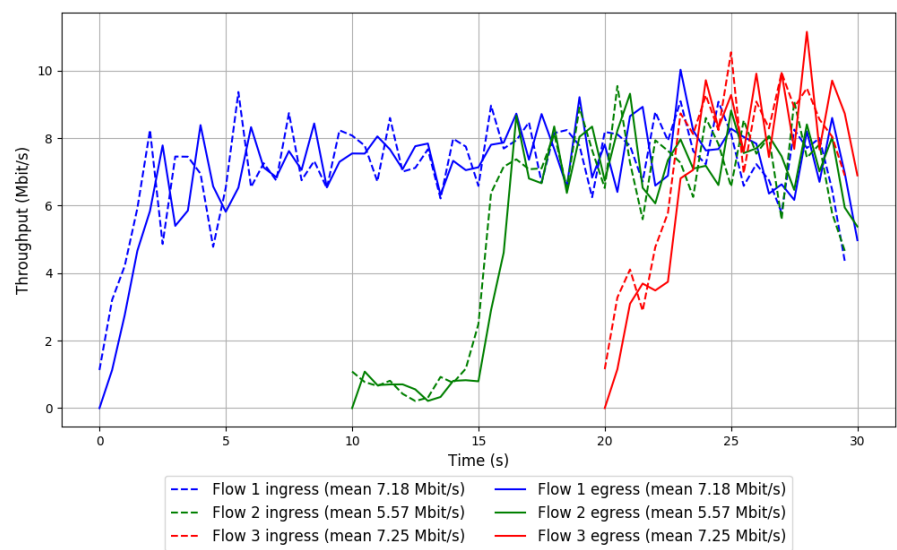


Run 10: Statistics of Sprout

Start at: 2018-07-12 07:32:35
End at: 2018-07-12 07:33:05
Local clock offset: -0.036 ms
Remote clock offset: -0.219 ms

```
# Below is generated by plot.py at 2018-07-12 10:25:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 13.27 Mbit/s
95th percentile per-packet one-way delay: 54.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 54.245 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.57 Mbit/s
95th percentile per-packet one-way delay: 53.939 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.25 Mbit/s
95th percentile per-packet one-way delay: 52.972 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-07-12 03:48:52

End at: 2018-07-12 03:49:22

Local clock offset: -0.06 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2018-07-12 10:27:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 211.62 Mbit/s

95th percentile per-packet one-way delay: 53.934 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 159.02 Mbit/s

95th percentile per-packet one-way delay: 53.668 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 129.22 Mbit/s

95th percentile per-packet one-way delay: 54.024 ms

Loss rate: 0.00%

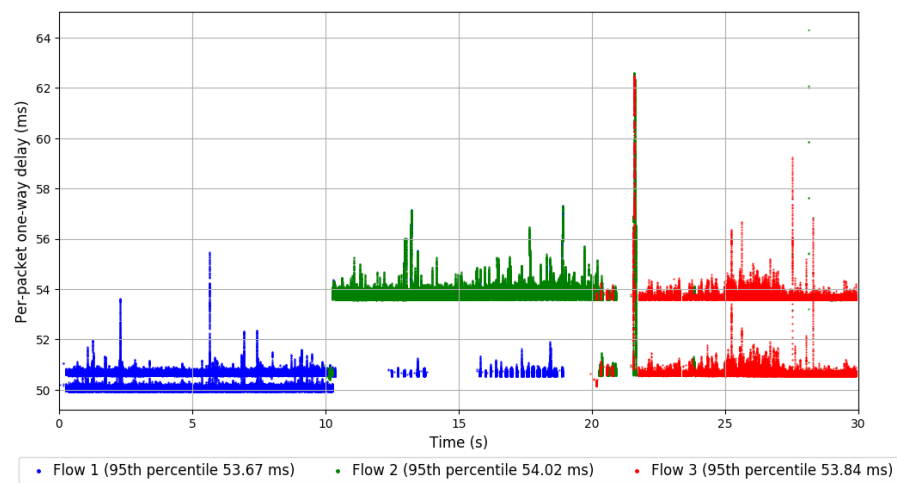
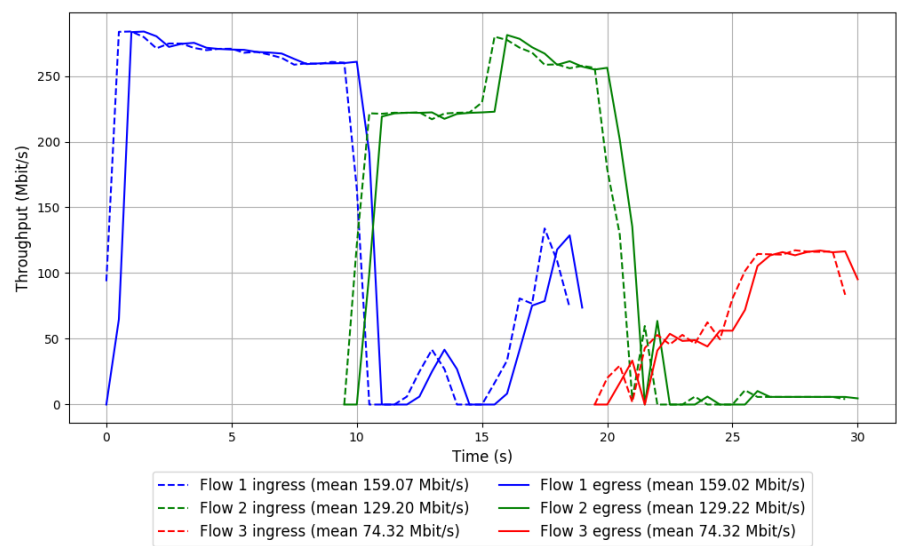
-- Flow 3:

Average throughput: 74.32 Mbit/s

95th percentile per-packet one-way delay: 53.835 ms

Loss rate: 0.00%

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

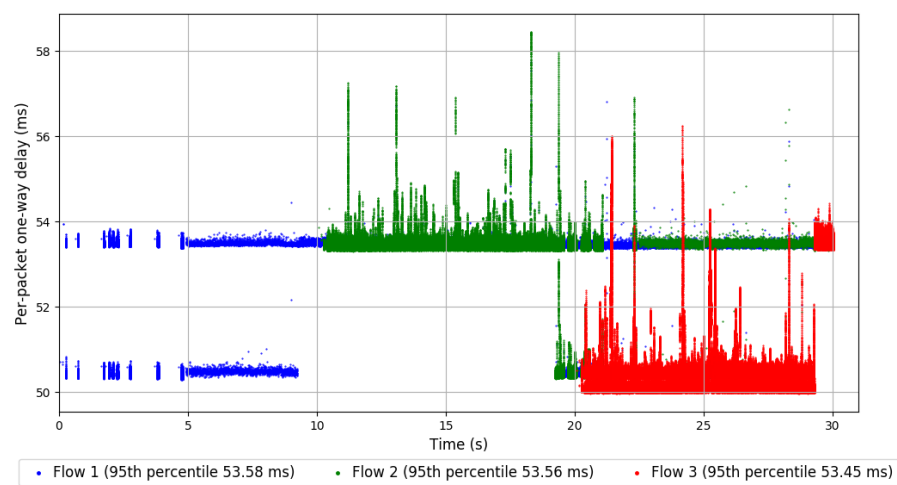
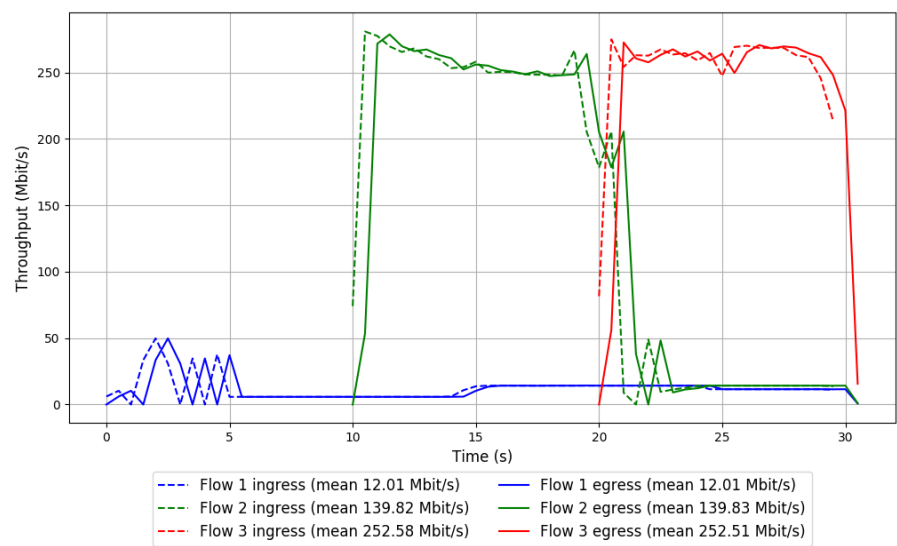


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-12 04:13:43
End at: 2018-07-12 04:14:13
Local clock offset: -0.094 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2018-07-12 10:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.06 Mbit/s
95th percentile per-packet one-way delay: 53.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.01 Mbit/s
95th percentile per-packet one-way delay: 53.575 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 139.83 Mbit/s
95th percentile per-packet one-way delay: 53.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 252.51 Mbit/s
95th percentile per-packet one-way delay: 53.450 ms
Loss rate: 0.00%

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

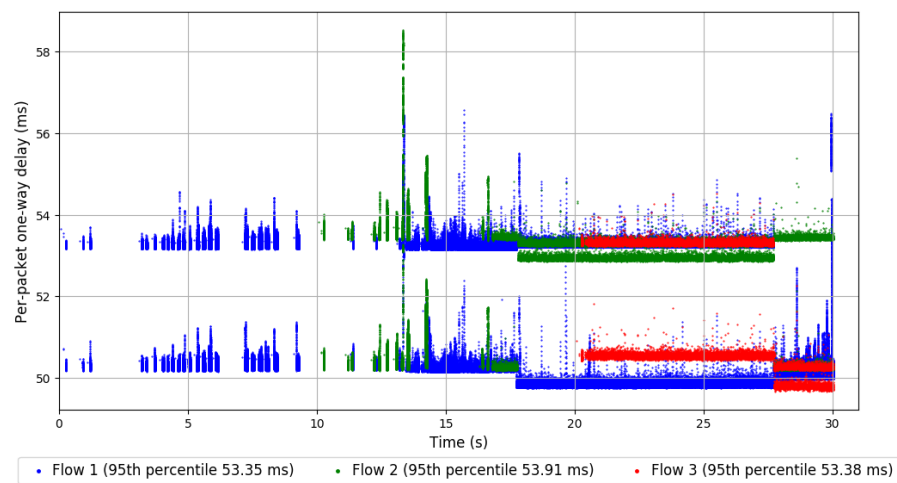
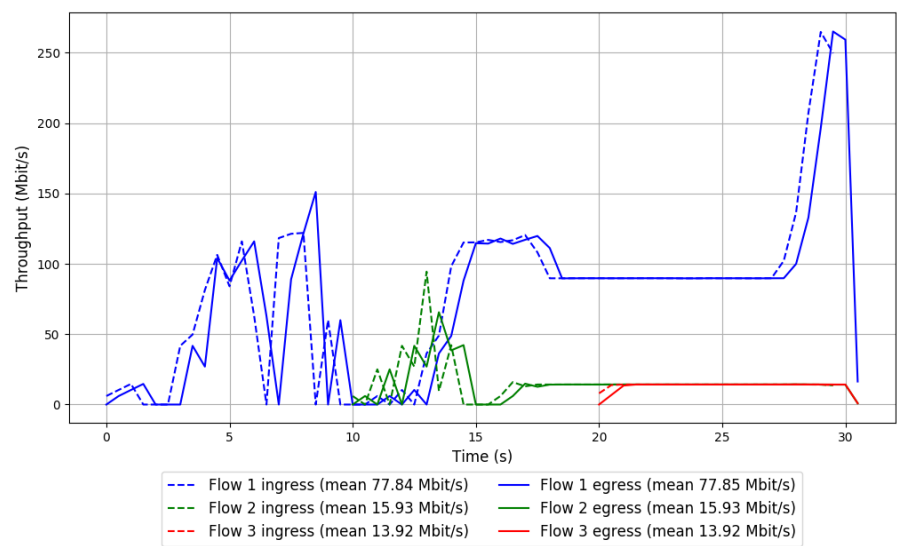


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-12 04:38:35
End at: 2018-07-12 04:39:05
Local clock offset: 0.071 ms
Remote clock offset: -0.213 ms

Below is generated by plot.py at 2018-07-12 10:27:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.08 Mbit/s
95th percentile per-packet one-way delay: 53.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 53.354 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.93 Mbit/s
95th percentile per-packet one-way delay: 53.909 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.92 Mbit/s
95th percentile per-packet one-way delay: 53.376 ms
Loss rate: 0.00%

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

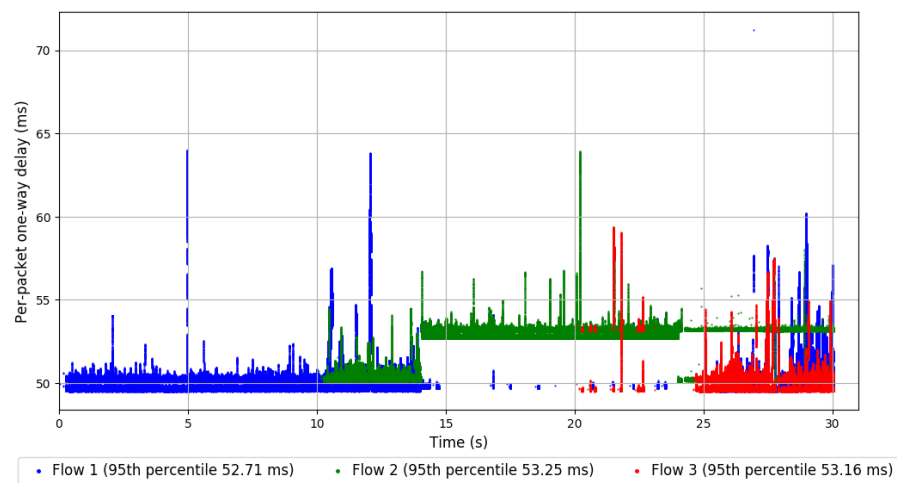
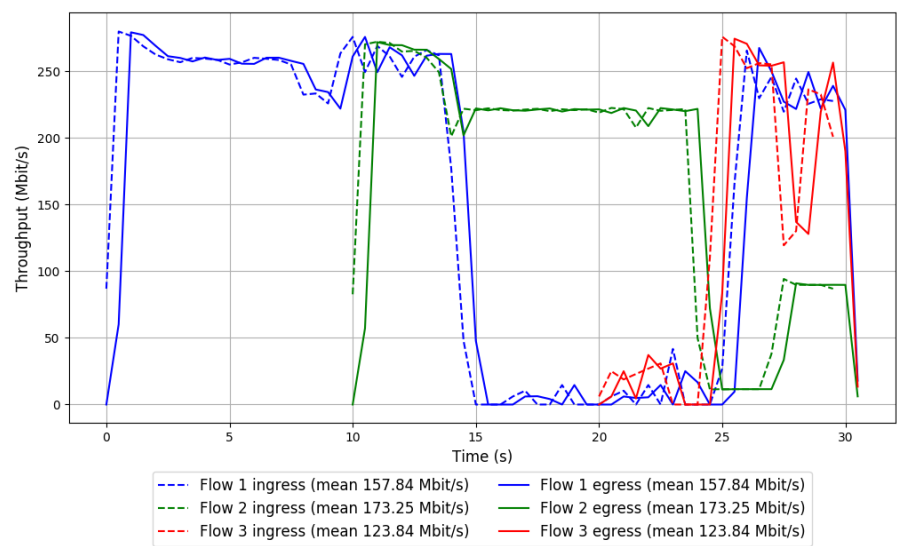


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-12 05:02:38
End at: 2018-07-12 05:03:08
Local clock offset: 0.083 ms
Remote clock offset: -0.269 ms

Below is generated by plot.py at 2018-07-12 10:31:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 314.41 Mbit/s
95th percentile per-packet one-way delay: 53.228 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 157.84 Mbit/s
95th percentile per-packet one-way delay: 52.713 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.25 Mbit/s
95th percentile per-packet one-way delay: 53.248 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 123.84 Mbit/s
95th percentile per-packet one-way delay: 53.156 ms
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-12 05:27:45

End at: 2018-07-12 05:28:15

Local clock offset: -0.093 ms

Remote clock offset: 0.105 ms

Below is generated by plot.py at 2018-07-12 10:31:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 110.64 Mbit/s

95th percentile per-packet one-way delay: 53.526 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 14.11 Mbit/s

95th percentile per-packet one-way delay: 53.519 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 137.33 Mbit/s

95th percentile per-packet one-way delay: 53.484 ms

Loss rate: 0.00%

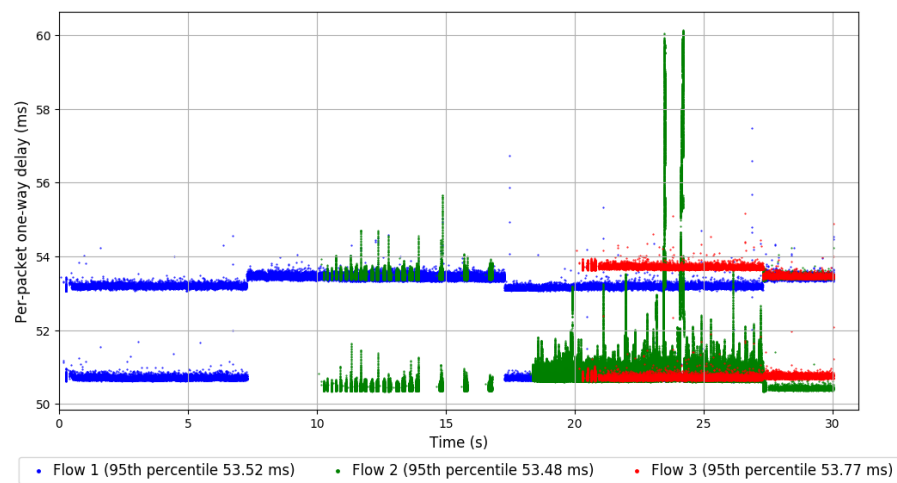
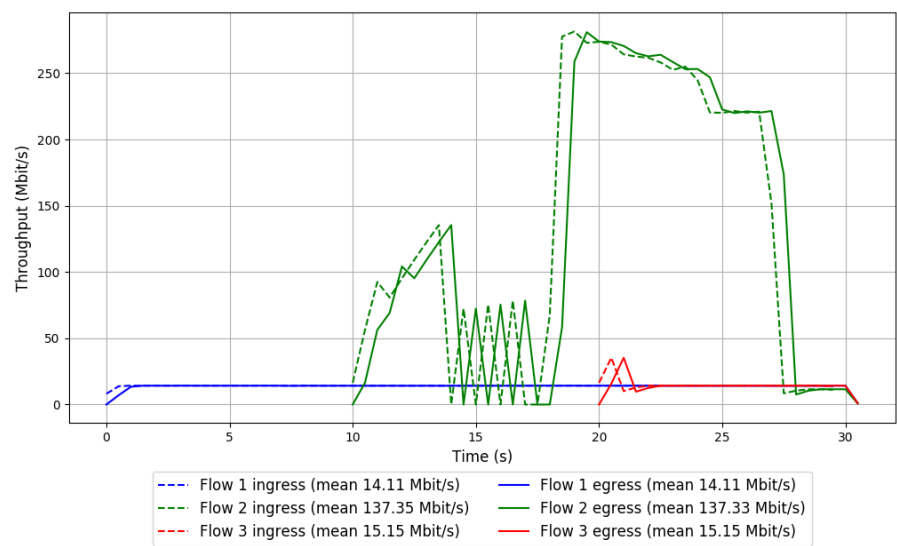
-- Flow 3:

Average throughput: 15.15 Mbit/s

95th percentile per-packet one-way delay: 53.771 ms

Loss rate: 0.00%

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

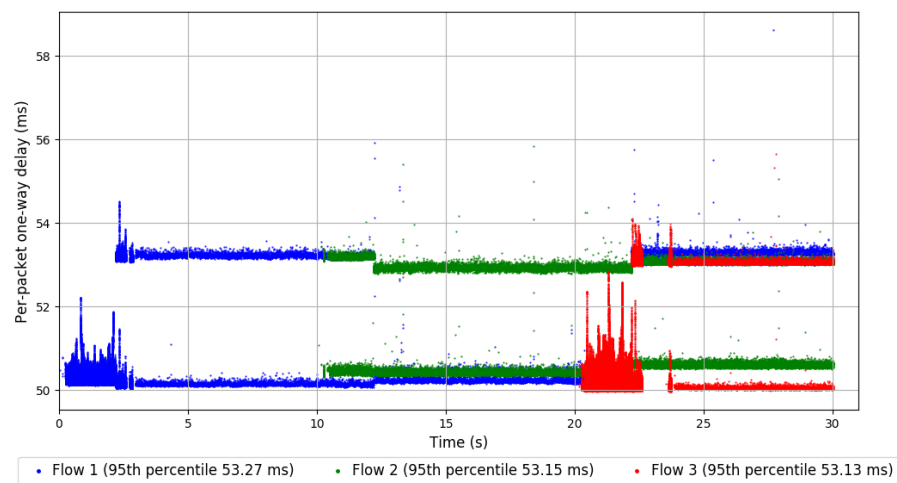
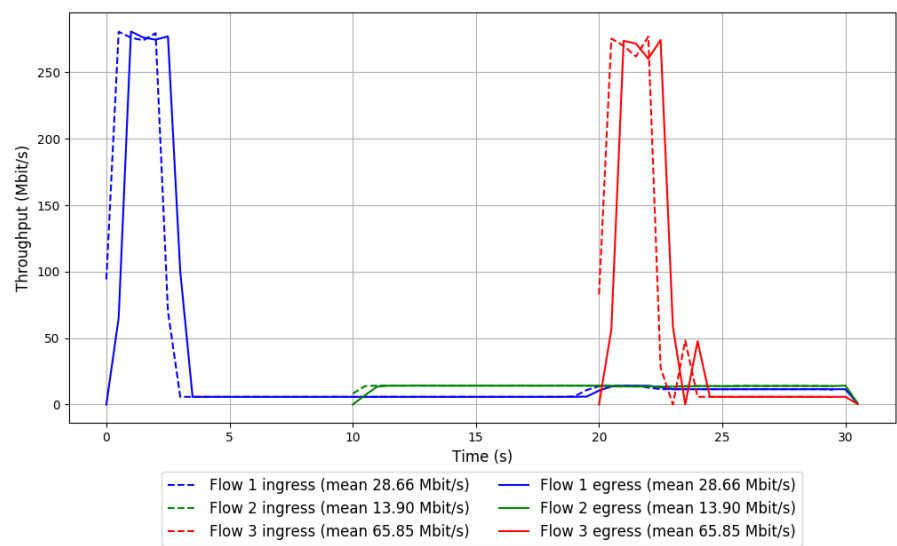


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-12 05:52:20
End at: 2018-07-12 05:52:50
Local clock offset: -0.133 ms
Remote clock offset: -0.224 ms

Below is generated by plot.py at 2018-07-12 10:31:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.80 Mbit/s
95th percentile per-packet one-way delay: 53.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 28.66 Mbit/s
95th percentile per-packet one-way delay: 53.269 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.90 Mbit/s
95th percentile per-packet one-way delay: 53.152 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 65.85 Mbit/s
95th percentile per-packet one-way delay: 53.127 ms
Loss rate: 0.00%

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

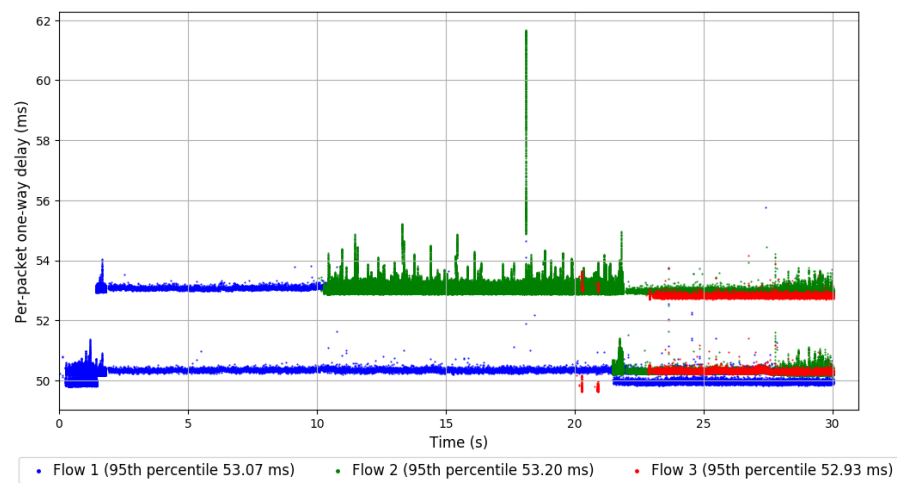
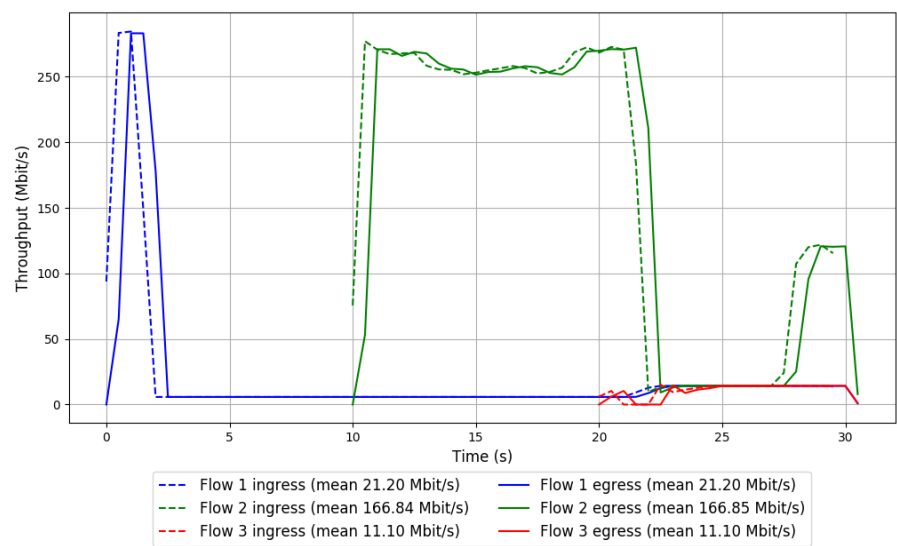


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-12 06:16:51
End at: 2018-07-12 06:17:21
Local clock offset: -0.019 ms
Remote clock offset: -0.246 ms

Below is generated by plot.py at 2018-07-12 10:31:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 136.02 Mbit/s
95th percentile per-packet one-way delay: 53.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 21.20 Mbit/s
95th percentile per-packet one-way delay: 53.074 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.85 Mbit/s
95th percentile per-packet one-way delay: 53.199 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 52.929 ms
Loss rate: 0.00%

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

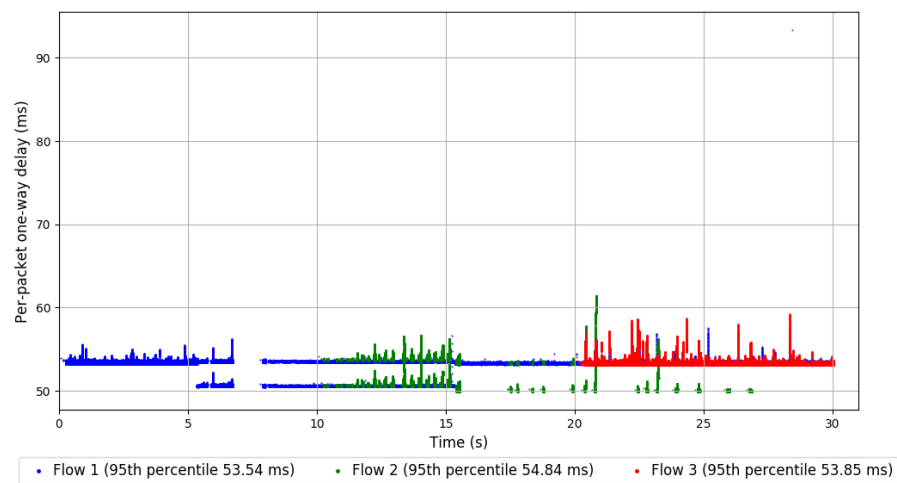
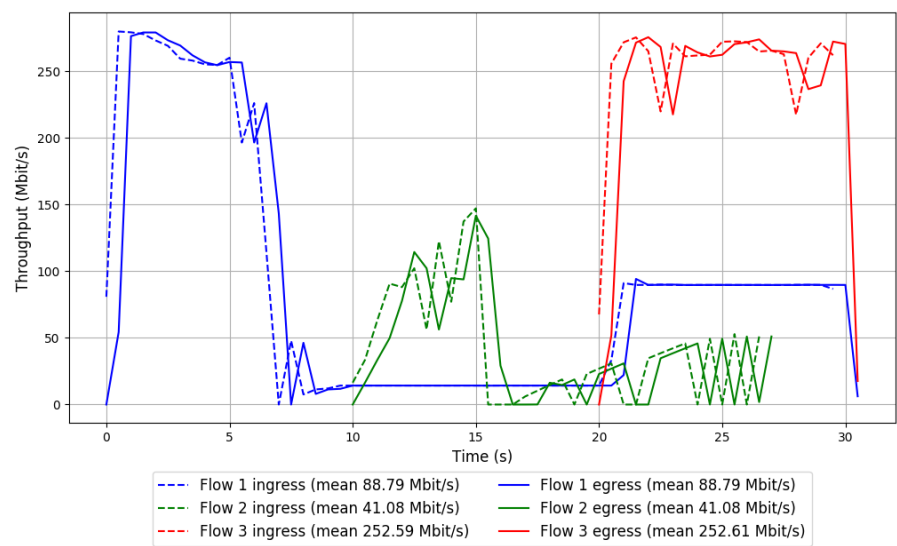


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-12 06:41:57
End at: 2018-07-12 06:42:27
Local clock offset: -0.114 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-07-12 10:31:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 195.72 Mbit/s
95th percentile per-packet one-way delay: 53.781 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 53.541 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 41.08 Mbit/s
95th percentile per-packet one-way delay: 54.839 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 252.61 Mbit/s
95th percentile per-packet one-way delay: 53.846 ms
Loss rate: 0.03%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-12 07:06:40

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

Local clock offset: 0.011 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-07-12 10:31:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.06 Mbit/s

95th percentile per-packet one-way delay: 55.628 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.56 Mbit/s

95th percentile per-packet one-way delay: 53.475 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 194.25 Mbit/s

95th percentile per-packet one-way delay: 53.476 ms

Loss rate: 0.00%

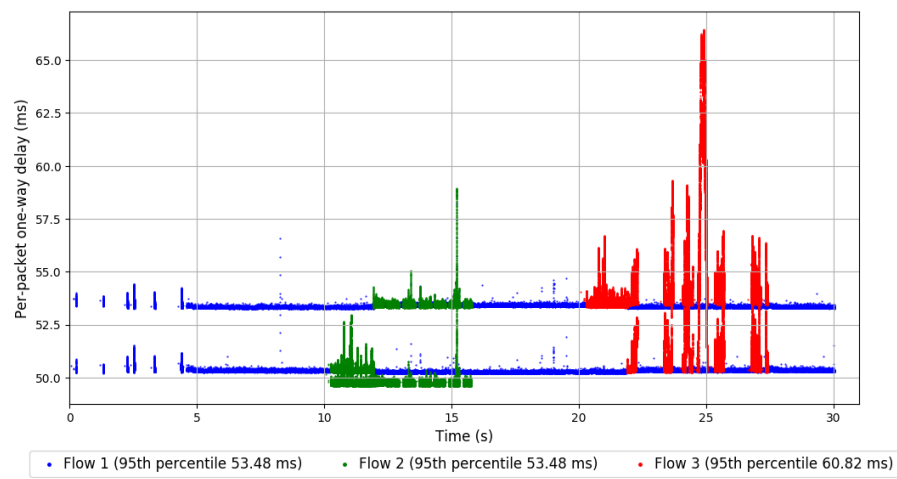
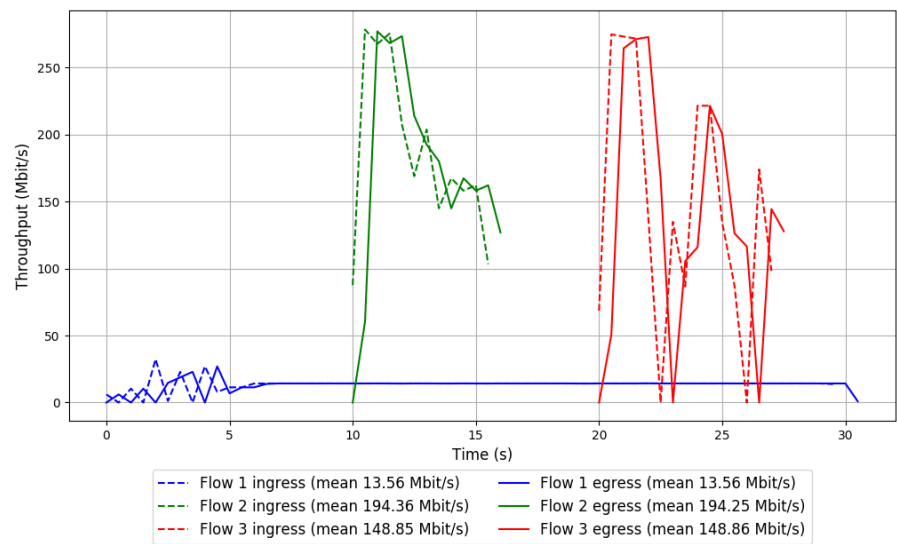
-- Flow 3:

Average throughput: 148.86 Mbit/s

95th percentile per-packet one-way delay: 60.818 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-12 07:31:11

End at: 2018-07-12 07:31:41

Local clock offset: -0.027 ms

Remote clock offset: 0.128 ms

Below is generated by plot.py at 2018-07-12 10:31:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 175.68 Mbit/s

95th percentile per-packet one-way delay: 53.921 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 12.33 Mbit/s

95th percentile per-packet one-way delay: 53.996 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 144.11 Mbit/s

95th percentile per-packet one-way delay: 53.876 ms

Loss rate: 0.00%

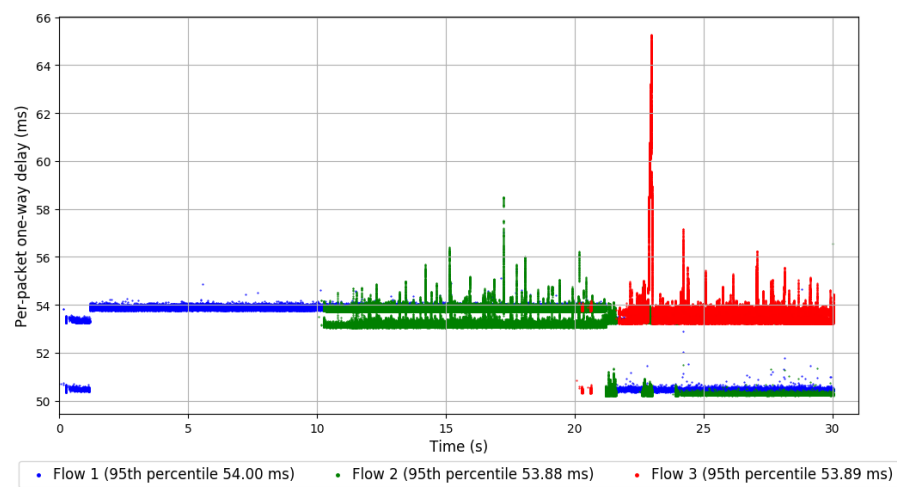
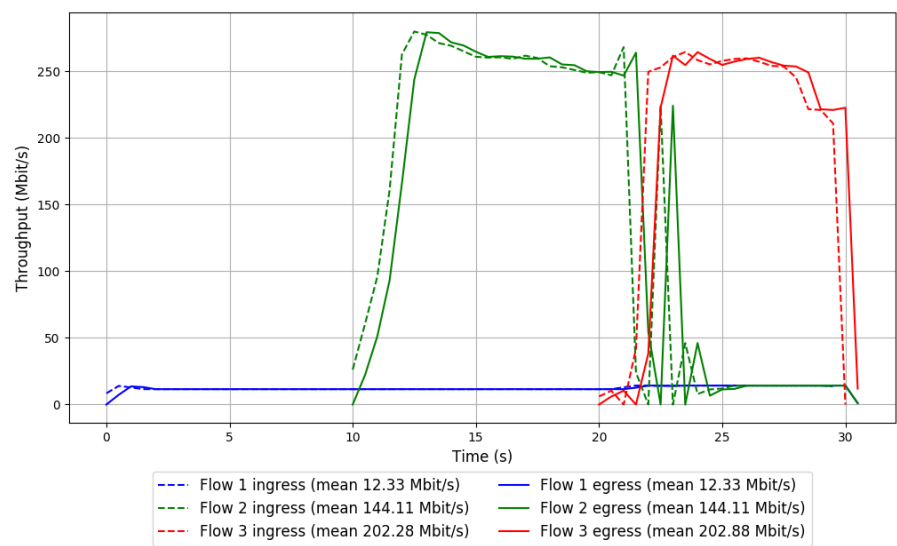
-- Flow 3:

Average throughput: 202.88 Mbit/s

95th percentile per-packet one-way delay: 53.891 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-07-12 04:07:11

End at: 2018-07-12 04:07:41

Local clock offset: -0.164 ms

Remote clock offset: -0.32 ms

Below is generated by plot.py at 2018-07-12 10:31:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 180.47 Mbit/s

95th percentile per-packet one-way delay: 54.154 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 126.05 Mbit/s

95th percentile per-packet one-way delay: 54.163 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 79.04 Mbit/s

95th percentile per-packet one-way delay: 54.116 ms

Loss rate: 0.00%

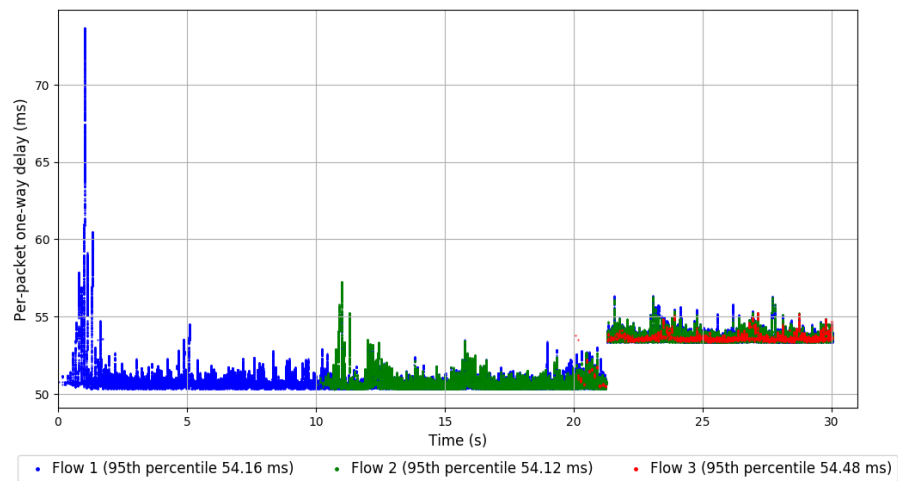
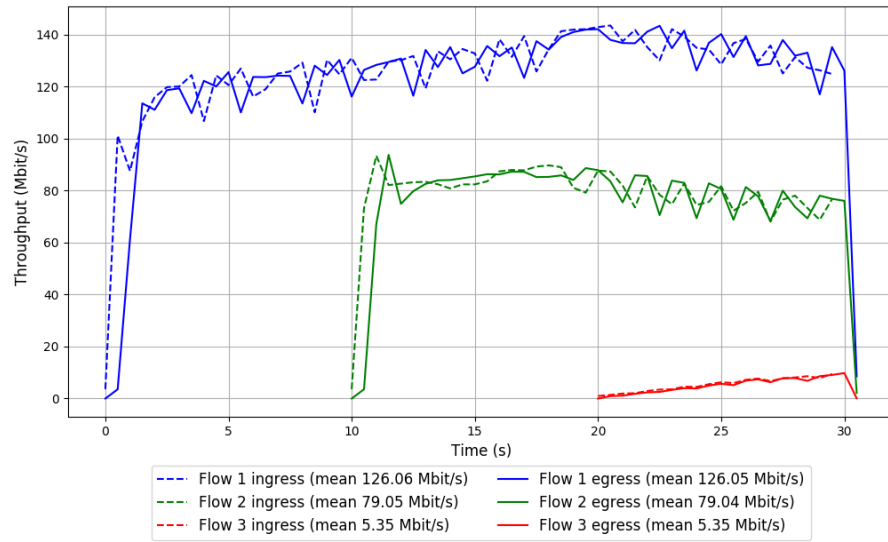
-- Flow 3:

Average throughput: 5.35 Mbit/s

95th percentile per-packet one-way delay: 54.485 ms

Loss rate: 0.05%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-07-12 04:31:54

End at: 2018-07-12 04:32:24

Local clock offset: -0.15 ms

Remote clock offset: 1.133 ms

Below is generated by plot.py at 2018-07-12 10:31:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 213.61 Mbit/s

95th percentile per-packet one-way delay: 56.704 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 96.68 Mbit/s

95th percentile per-packet one-way delay: 56.701 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 106.03 Mbit/s

95th percentile per-packet one-way delay: 56.373 ms

Loss rate: 0.00%

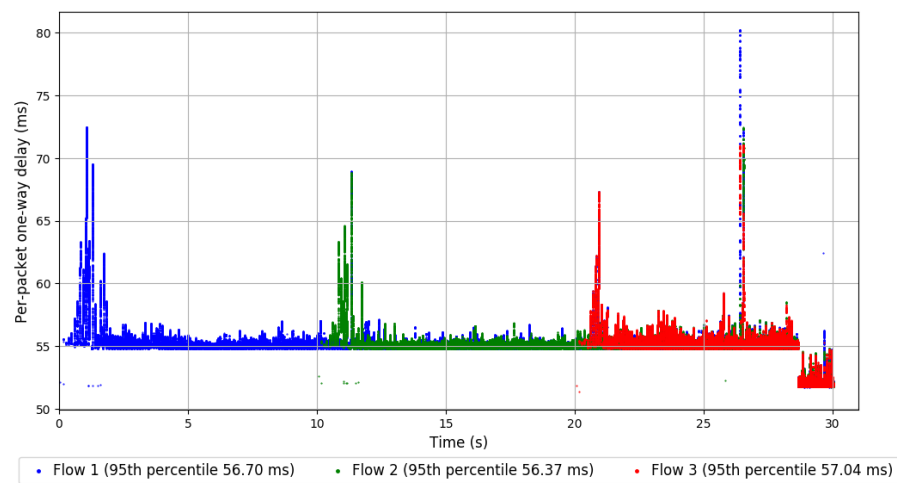
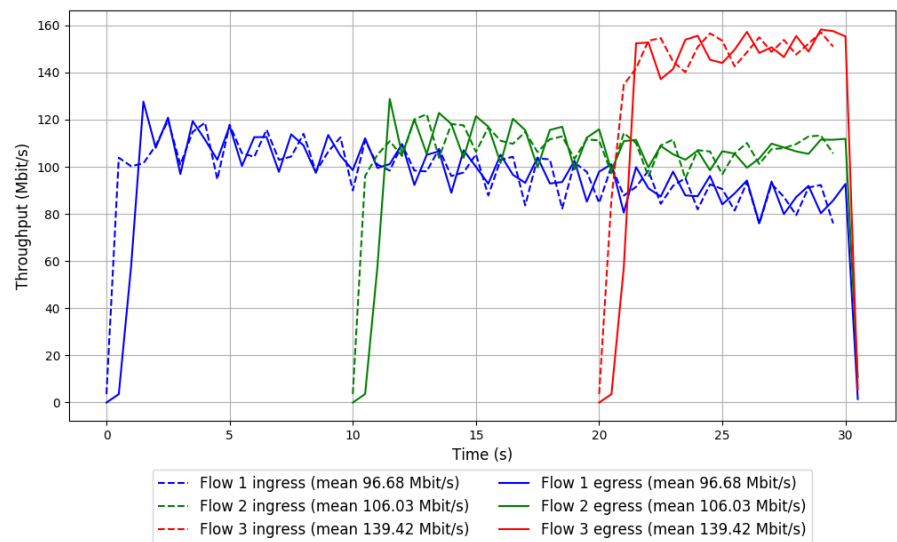
-- Flow 3:

Average throughput: 139.42 Mbit/s

95th percentile per-packet one-way delay: 57.036 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

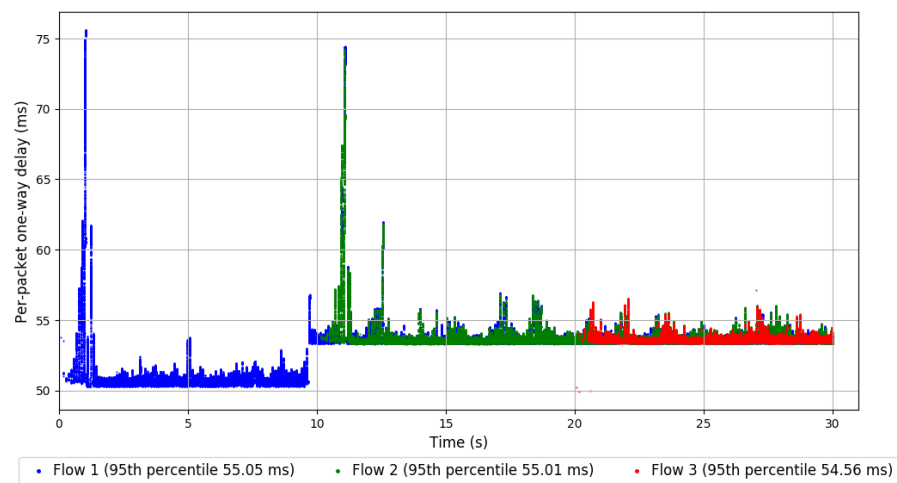
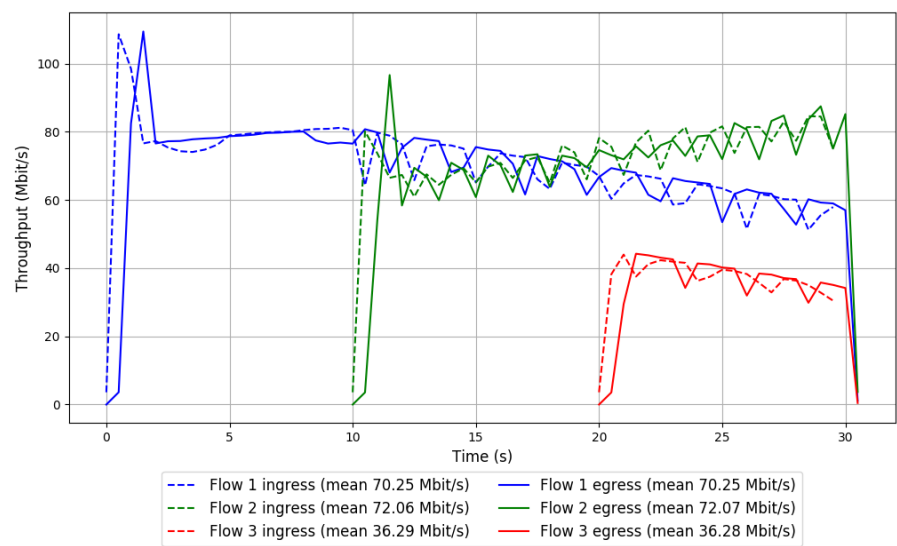


Run 3: Statistics of TCP Vegas

Start at: 2018-07-12 04:56:03
End at: 2018-07-12 04:56:33
Local clock offset: -0.062 ms
Remote clock offset: -0.234 ms

Below is generated by plot.py at 2018-07-12 10:31:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 130.25 Mbit/s
95th percentile per-packet one-way delay: 54.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.25 Mbit/s
95th percentile per-packet one-way delay: 55.055 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.07 Mbit/s
95th percentile per-packet one-way delay: 55.007 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 54.565 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-07-12 05:21:03

End at: 2018-07-12 05:21:33

Local clock offset: 0.027 ms

Remote clock offset: -1.27 ms

Below is generated by plot.py at 2018-07-12 10:34:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 360.04 Mbit/s

95th percentile per-packet one-way delay: 61.784 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 210.37 Mbit/s

95th percentile per-packet one-way delay: 61.919 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 123.61 Mbit/s

95th percentile per-packet one-way delay: 60.050 ms

Loss rate: 0.06%

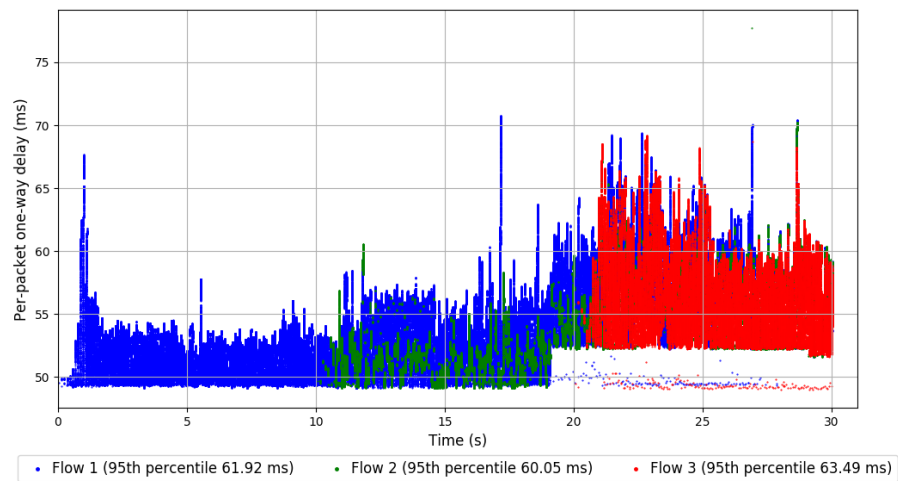
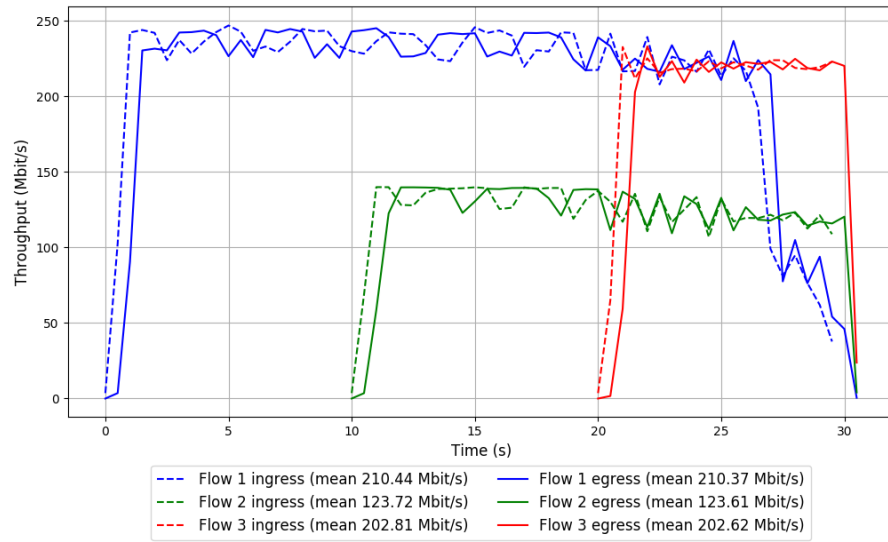
-- Flow 3:

Average throughput: 202.62 Mbit/s

95th percentile per-packet one-way delay: 63.489 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-07-12 05:45:46

End at: 2018-07-12 05:46:16

Local clock offset: -0.016 ms

Remote clock offset: -0.1 ms

Below is generated by plot.py at 2018-07-12 10:34:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 148.07 Mbit/s

95th percentile per-packet one-way delay: 55.686 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 33.23 Mbit/s

95th percentile per-packet one-way delay: 54.518 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 63.24 Mbit/s

95th percentile per-packet one-way delay: 56.138 ms

Loss rate: 0.00%

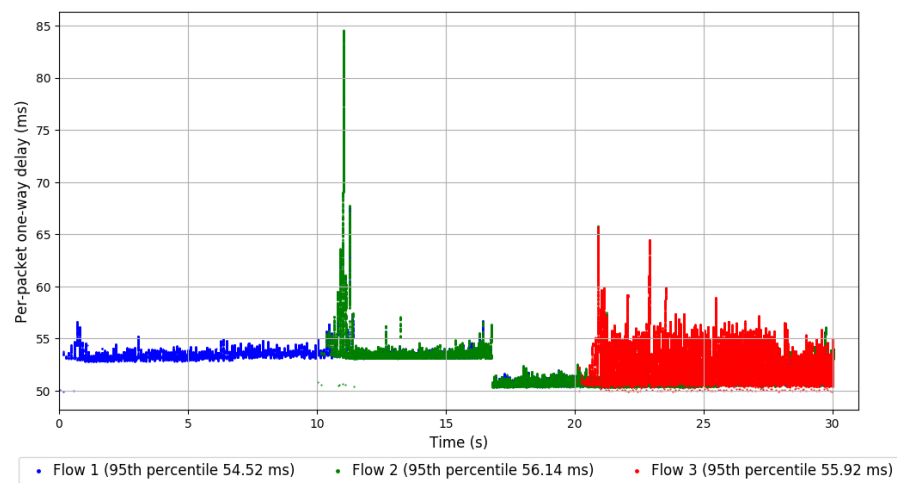
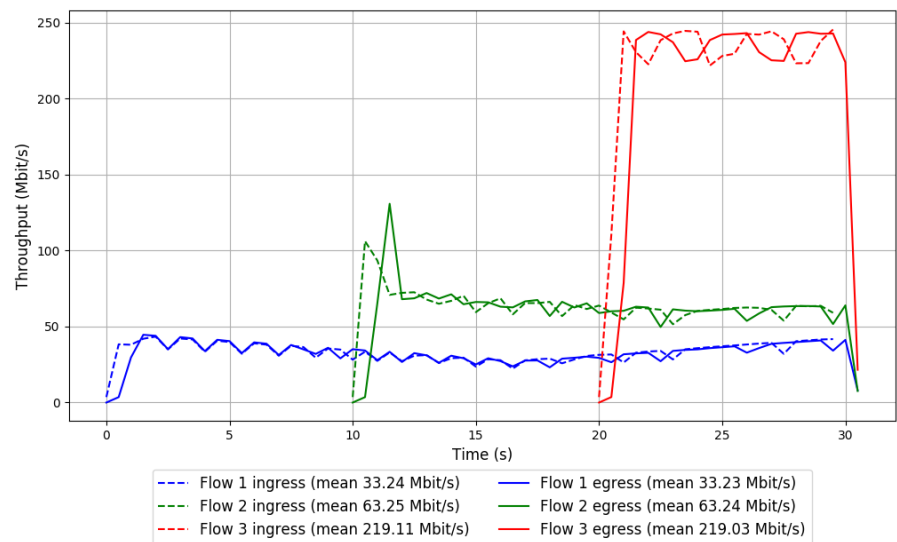
-- Flow 3:

Average throughput: 219.03 Mbit/s

95th percentile per-packet one-way delay: 55.923 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-07-12 06:10:15

End at: 2018-07-12 06:10:45

Local clock offset: -0.087 ms

Remote clock offset: 1.246 ms

Below is generated by plot.py at 2018-07-12 10:34:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 123.27 Mbit/s

95th percentile per-packet one-way delay: 56.134 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 88.88 Mbit/s

95th percentile per-packet one-way delay: 56.142 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 19.96 Mbit/s

95th percentile per-packet one-way delay: 55.889 ms

Loss rate: 0.00%

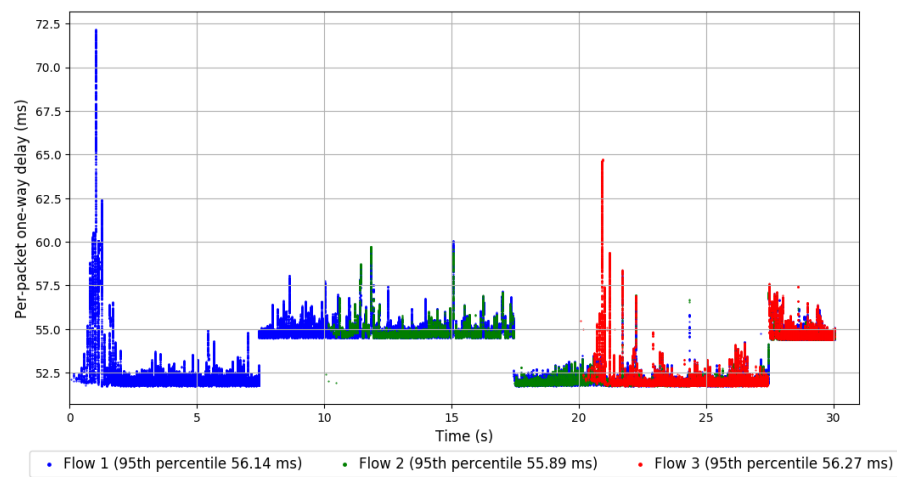
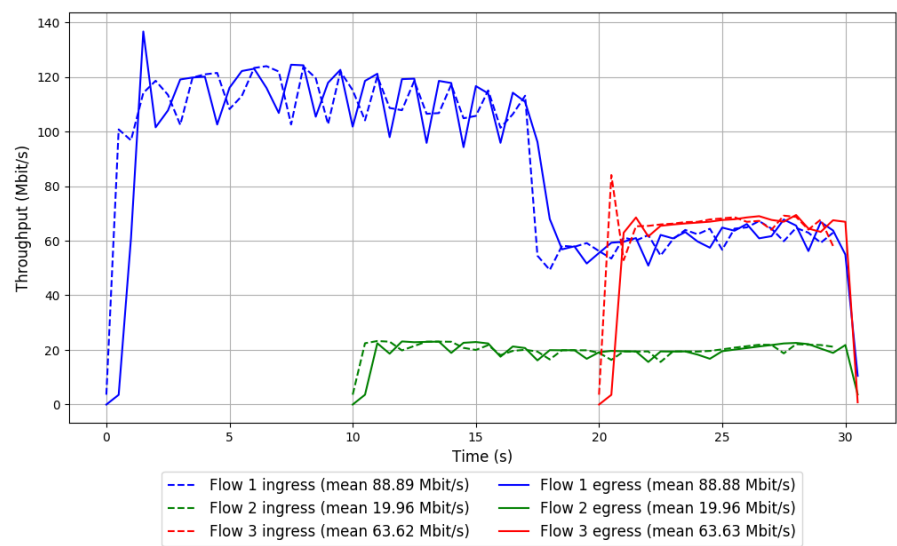
-- Flow 3:

Average throughput: 63.63 Mbit/s

95th percentile per-packet one-way delay: 56.265 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

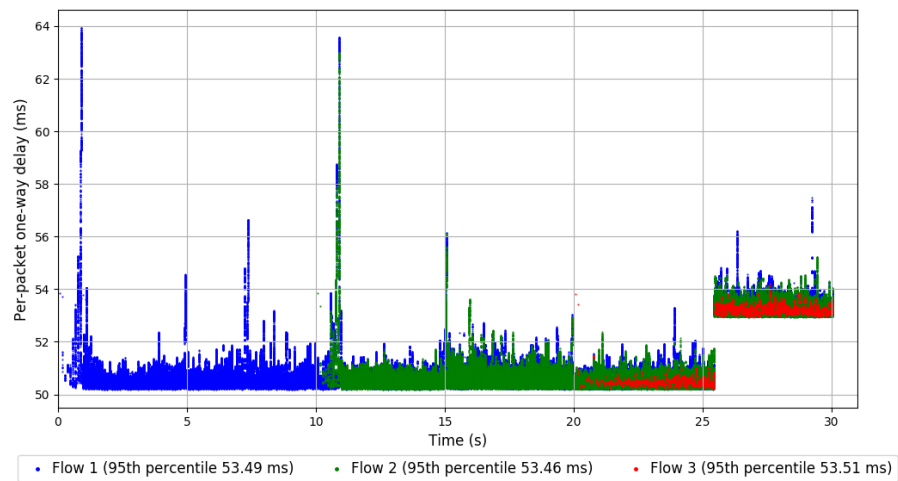
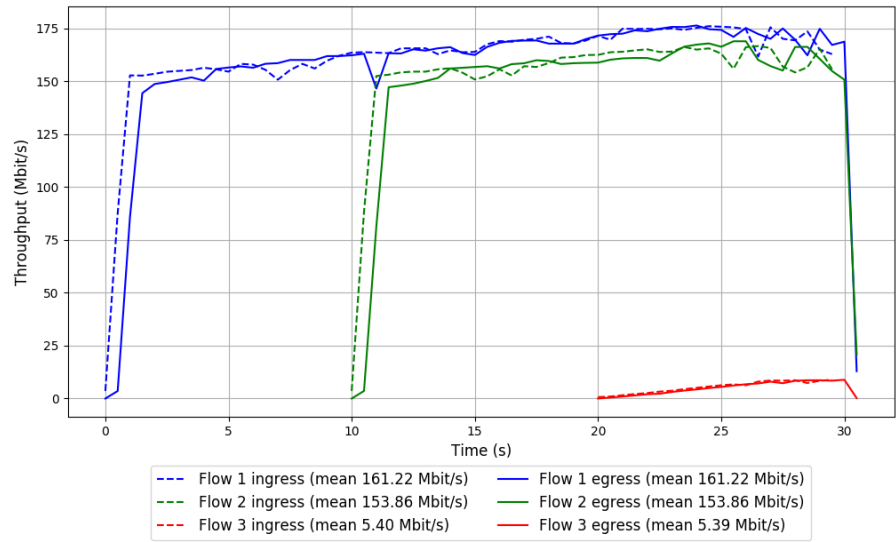


Run 7: Statistics of TCP Vegas

Start at: 2018-07-12 06:35:07
End at: 2018-07-12 06:35:37
Local clock offset: -0.028 ms
Remote clock offset: -0.262 ms

Below is generated by plot.py at 2018-07-12 10:34:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 265.49 Mbit/s
95th percentile per-packet one-way delay: 53.474 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 161.22 Mbit/s
95th percentile per-packet one-way delay: 53.488 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 153.86 Mbit/s
95th percentile per-packet one-way delay: 53.460 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 53.510 ms
Loss rate: 0.16%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-07-12 07:00:02

End at: 2018-07-12 07:00:32

Local clock offset: -0.212 ms

Remote clock offset: 0.134 ms

Below is generated by plot.py at 2018-07-12 10:34:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 212.63 Mbit/s

95th percentile per-packet one-way delay: 59.230 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 39.99 Mbit/s

95th percentile per-packet one-way delay: 59.469 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 216.28 Mbit/s

95th percentile per-packet one-way delay: 59.340 ms

Loss rate: 0.00%

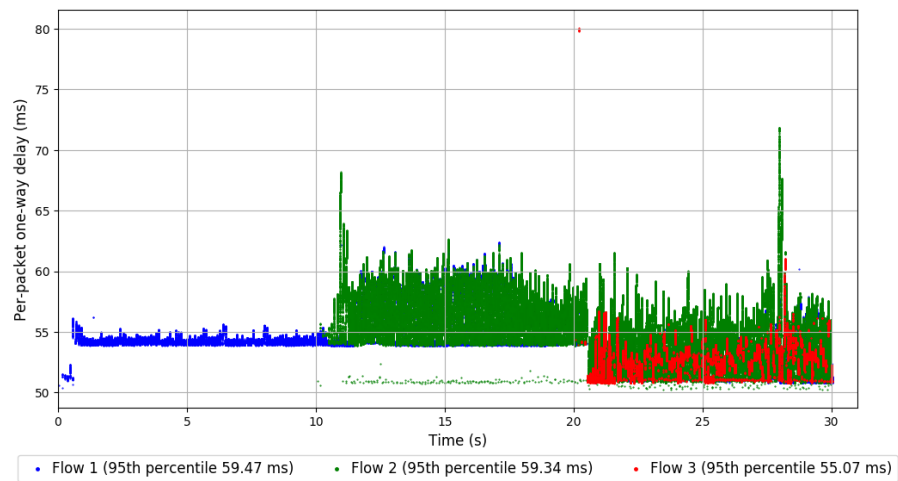
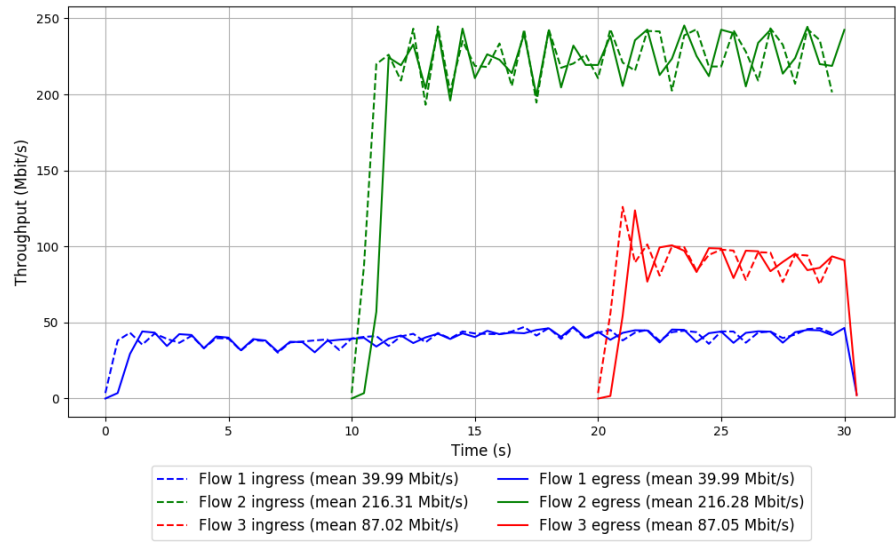
-- Flow 3:

Average throughput: 87.05 Mbit/s

95th percentile per-packet one-way delay: 55.067 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-07-12 07:24:36

End at: 2018-07-12 07:25:06

Local clock offset: 0.019 ms

Remote clock offset: 0.254 ms

Below is generated by plot.py at 2018-07-12 10:34:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 191.66 Mbit/s

95th percentile per-packet one-way delay: 59.629 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 51.34 Mbit/s

95th percentile per-packet one-way delay: 56.667 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 197.58 Mbit/s

95th percentile per-packet one-way delay: 59.977 ms

Loss rate: 0.00%

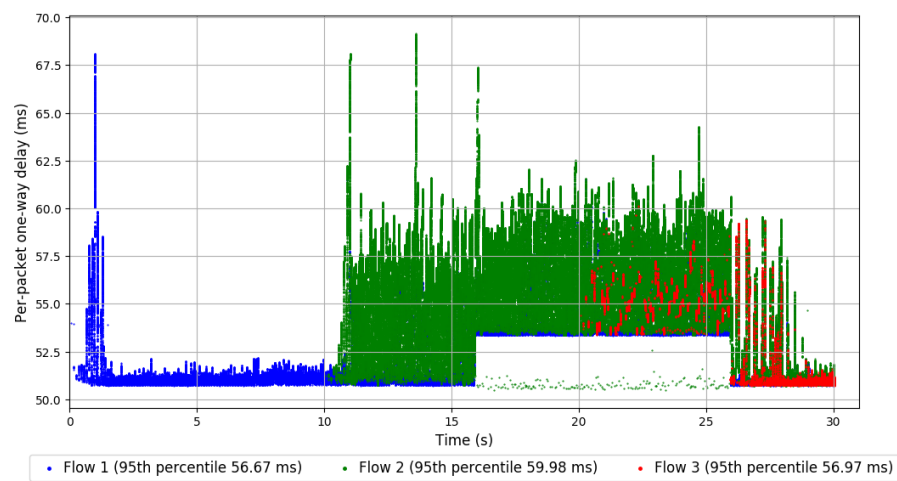
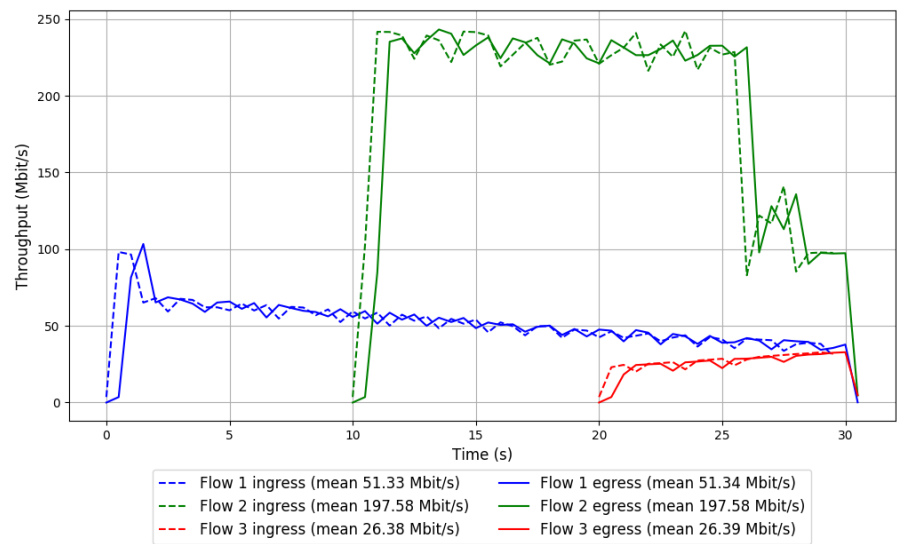
-- Flow 3:

Average throughput: 26.39 Mbit/s

95th percentile per-packet one-way delay: 56.973 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

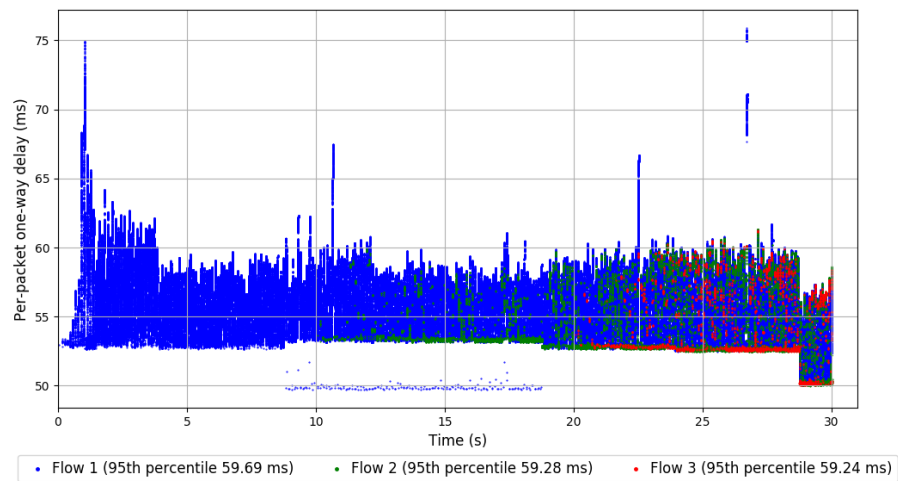
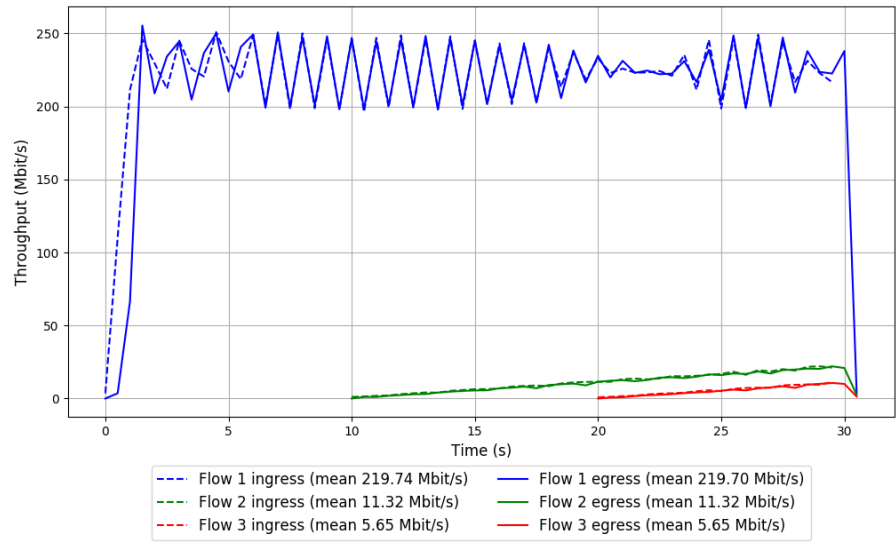


Run 10: Statistics of TCP Vegas

Start at: 2018-07-12 07:49:04
End at: 2018-07-12 07:49:34
Local clock offset: 0.065 ms
Remote clock offset: -0.407 ms

Below is generated by plot.py at 2018-07-12 10:35:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 228.87 Mbit/s
95th percentile per-packet one-way delay: 59.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 219.70 Mbit/s
95th percentile per-packet one-way delay: 59.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.32 Mbit/s
95th percentile per-packet one-way delay: 59.279 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 59.245 ms
Loss rate: 0.11%

Run 10: Report of TCP Vegas — Data Link

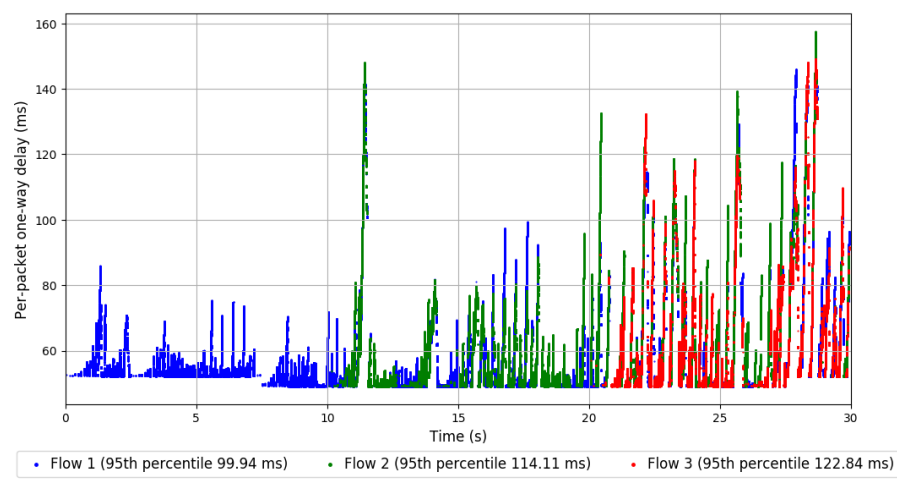
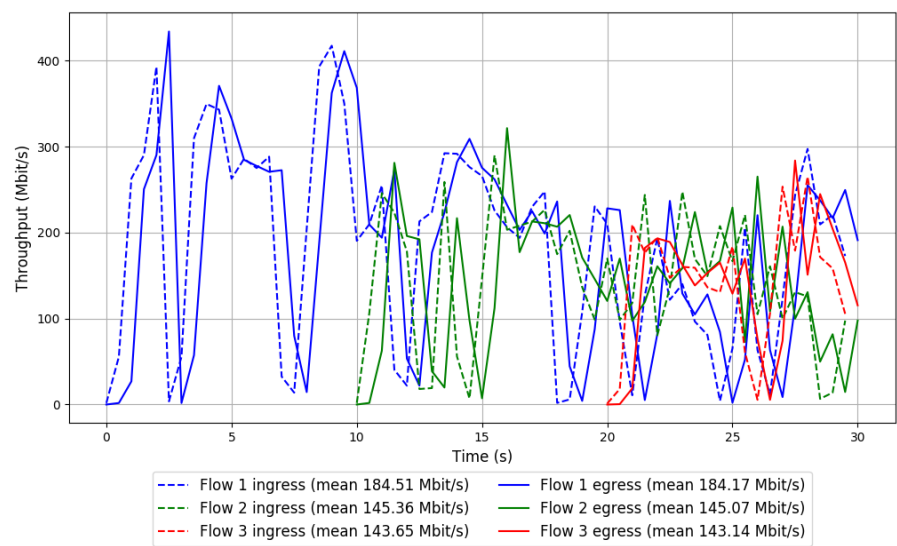


Run 1: Statistics of Verus

Start at: 2018-07-12 04:11:05
End at: 2018-07-12 04:11:35
Local clock offset: 0.014 ms
Remote clock offset: -1.405 ms

Below is generated by plot.py at 2018-07-12 10:37:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 327.82 Mbit/s
95th percentile per-packet one-way delay: 110.950 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 184.17 Mbit/s
95th percentile per-packet one-way delay: 99.944 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 145.07 Mbit/s
95th percentile per-packet one-way delay: 114.113 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 143.14 Mbit/s
95th percentile per-packet one-way delay: 122.843 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

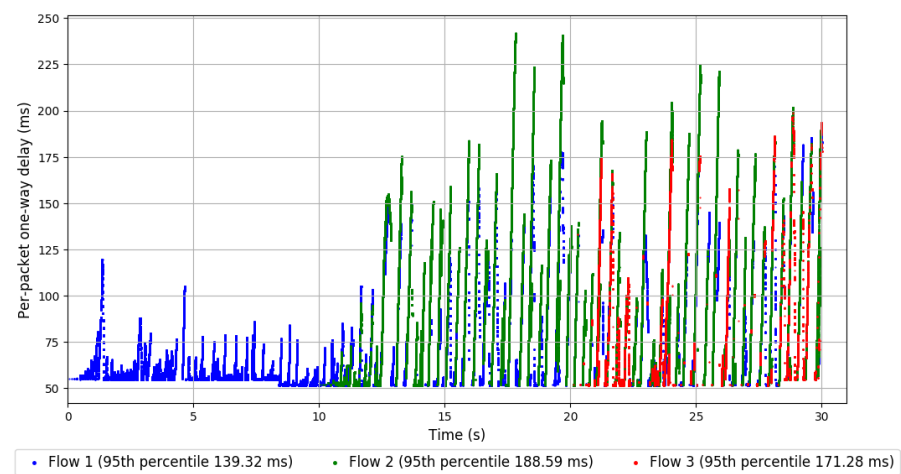
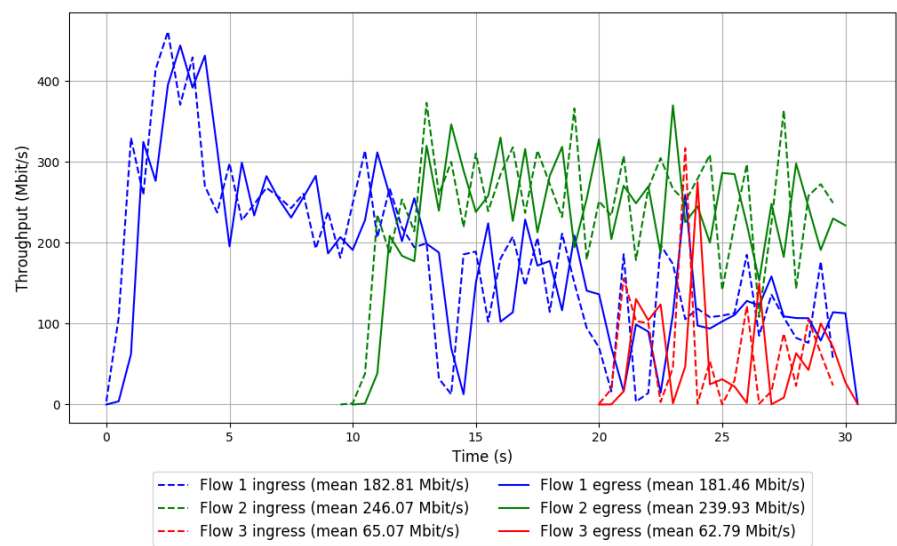


Run 2: Statistics of Verus

Start at: 2018-07-12 04:35:54
End at: 2018-07-12 04:36:24
Local clock offset: -0.204 ms
Remote clock offset: 0.861 ms

Below is generated by plot.py at 2018-07-12 10:37:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 361.60 Mbit/s
95th percentile per-packet one-way delay: 172.174 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 181.46 Mbit/s
95th percentile per-packet one-way delay: 139.321 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 239.93 Mbit/s
95th percentile per-packet one-way delay: 188.589 ms
Loss rate: 2.19%
-- Flow 3:
Average throughput: 62.79 Mbit/s
95th percentile per-packet one-way delay: 171.275 ms
Loss rate: 2.27%

Run 2: Report of Verus — Data Link

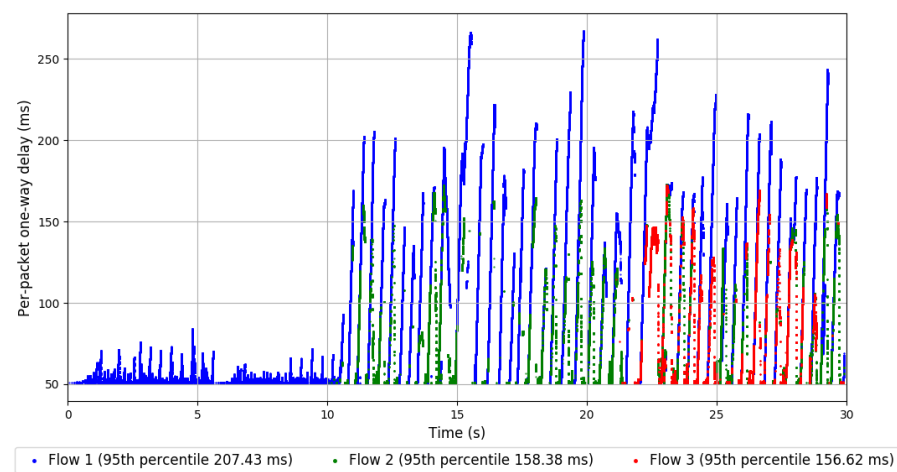
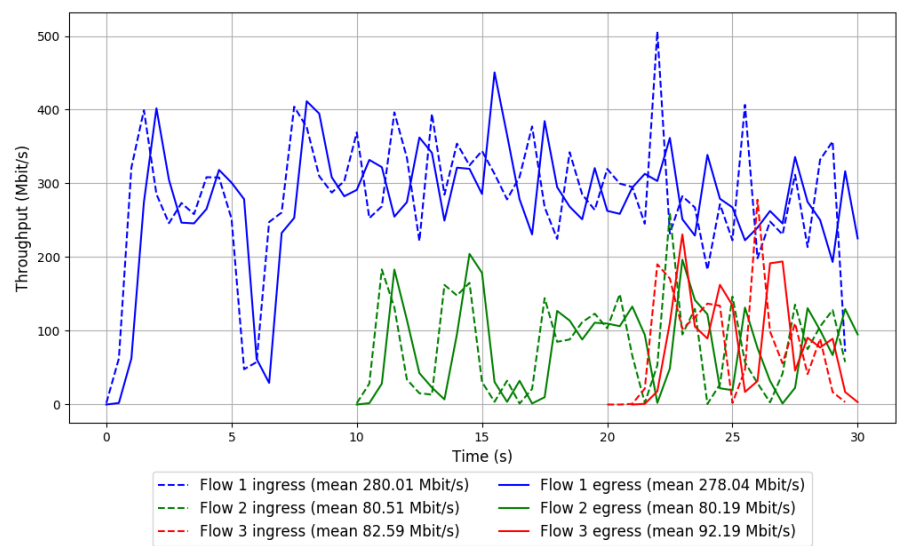


Run 3: Statistics of Verus

Start at: 2018-07-12 04:59:58
End at: 2018-07-12 05:00:28
Local clock offset: -0.038 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-07-12 10:37:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 358.31 Mbit/s
95th percentile per-packet one-way delay: 201.164 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 278.04 Mbit/s
95th percentile per-packet one-way delay: 207.431 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 80.19 Mbit/s
95th percentile per-packet one-way delay: 158.384 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: 156.620 ms
Loss rate: 0.48%

Run 3: Report of Verus — Data Link

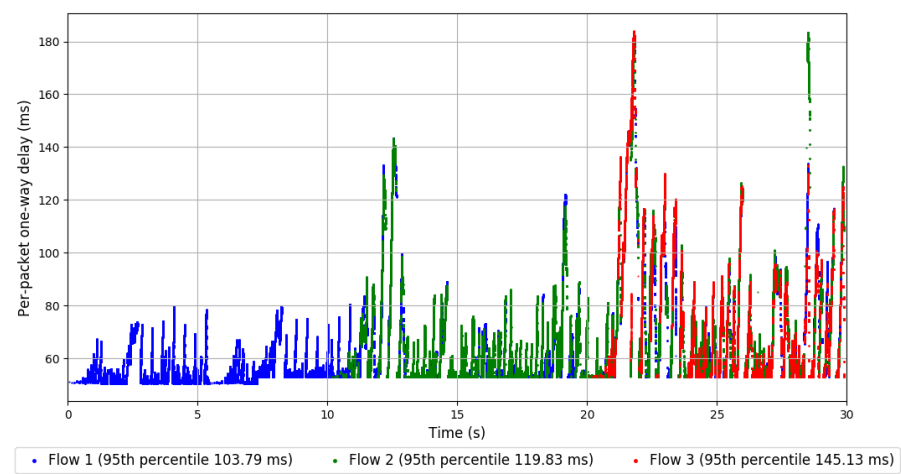
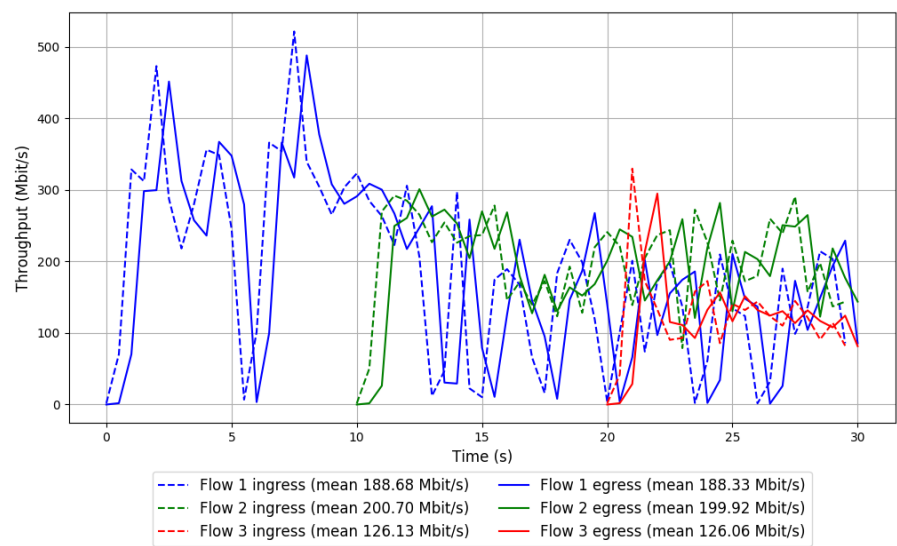


Run 4: Statistics of Verus

Start at: 2018-07-12 05:25:05
End at: 2018-07-12 05:25:35
Local clock offset: -0.095 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2018-07-12 10:40:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 361.94 Mbit/s
95th percentile per-packet one-way delay: 118.799 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 188.33 Mbit/s
95th percentile per-packet one-way delay: 103.794 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 199.92 Mbit/s
95th percentile per-packet one-way delay: 119.833 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 126.06 Mbit/s
95th percentile per-packet one-way delay: 145.126 ms
Loss rate: 0.17%

Run 4: Report of Verus — Data Link

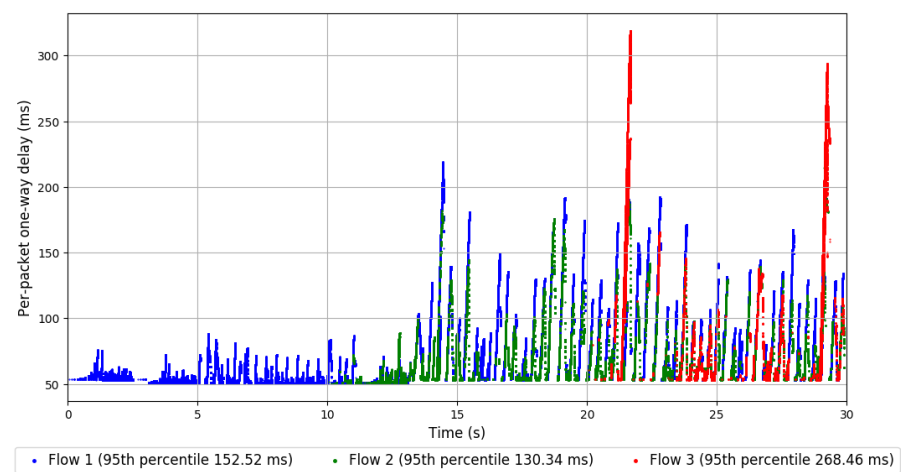
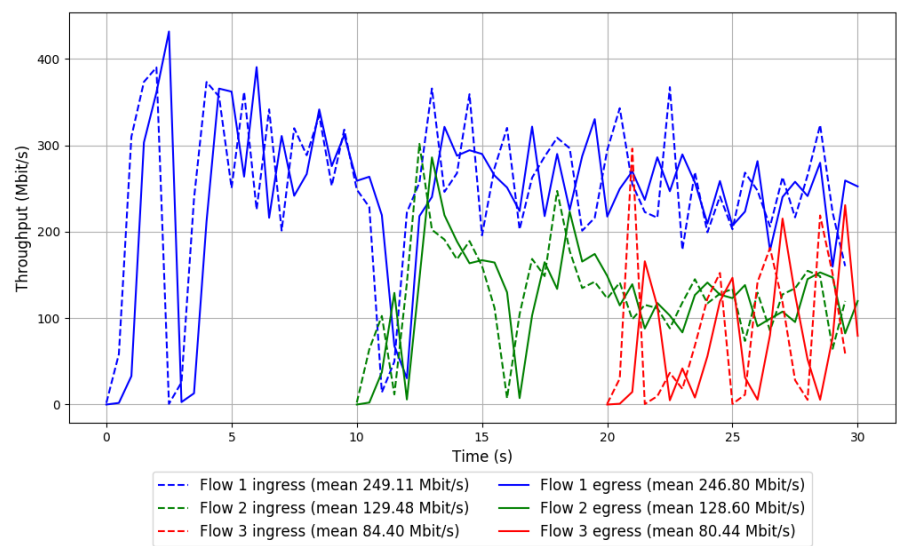


Run 5: Statistics of Verus

Start at: 2018-07-12 05:49:39
End at: 2018-07-12 05:50:09
Local clock offset: -0.274 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2018-07-12 10:40:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 358.45 Mbit/s
95th percentile per-packet one-way delay: 155.744 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 246.80 Mbit/s
95th percentile per-packet one-way delay: 152.520 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 128.60 Mbit/s
95th percentile per-packet one-way delay: 130.343 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 80.44 Mbit/s
95th percentile per-packet one-way delay: 268.462 ms
Loss rate: 4.42%

Run 5: Report of Verus — Data Link

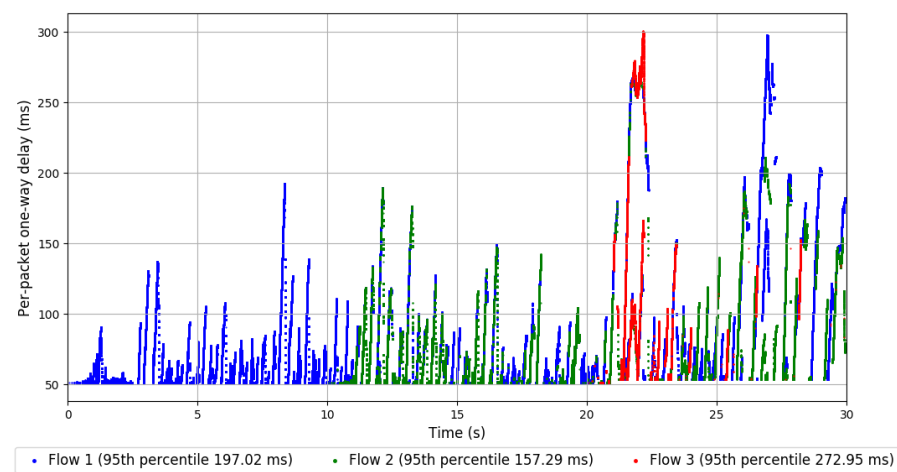
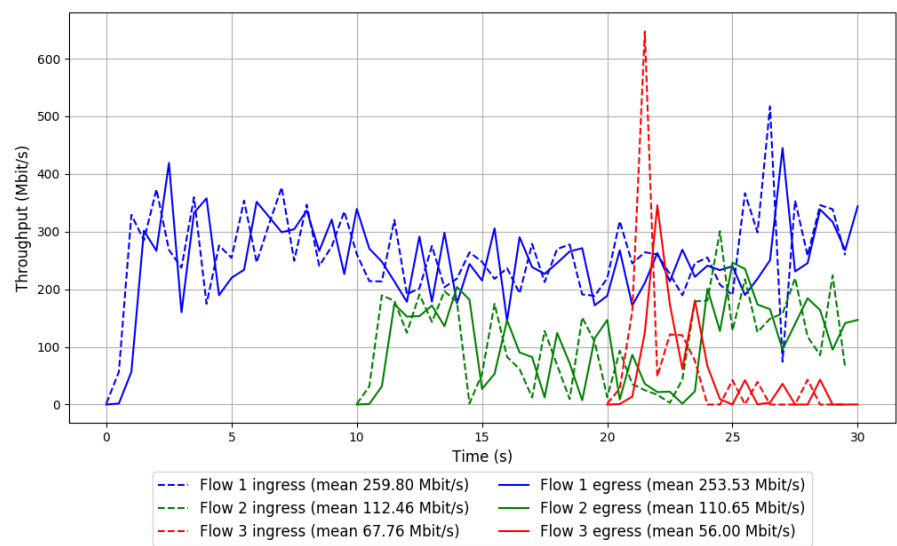


Run 6: Statistics of Verus

Start at: 2018-07-12 06:14:11
End at: 2018-07-12 06:14:41
Local clock offset: -0.098 ms
Remote clock offset: 0.191 ms

Below is generated by plot.py at 2018-07-12 10:40:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 345.56 Mbit/s
95th percentile per-packet one-way delay: 195.466 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 253.53 Mbit/s
95th percentile per-packet one-way delay: 197.023 ms
Loss rate: 2.03%
-- Flow 2:
Average throughput: 110.65 Mbit/s
95th percentile per-packet one-way delay: 157.287 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 56.00 Mbit/s
95th percentile per-packet one-way delay: 272.946 ms
Loss rate: 17.09%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-07-12 06:39:15

End at: 2018-07-12 06:39:45

Local clock offset: -0.021 ms

Remote clock offset: 0.015 ms

Below is generated by plot.py at 2018-07-12 10:40:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 363.15 Mbit/s

95th percentile per-packet one-way delay: 201.427 ms

Loss rate: 3.40%

-- Flow 1:

Average throughput: 233.82 Mbit/s

95th percentile per-packet one-way delay: 205.489 ms

Loss rate: 3.06%

-- Flow 2:

Average throughput: 151.05 Mbit/s

95th percentile per-packet one-way delay: 156.223 ms

Loss rate: 1.98%

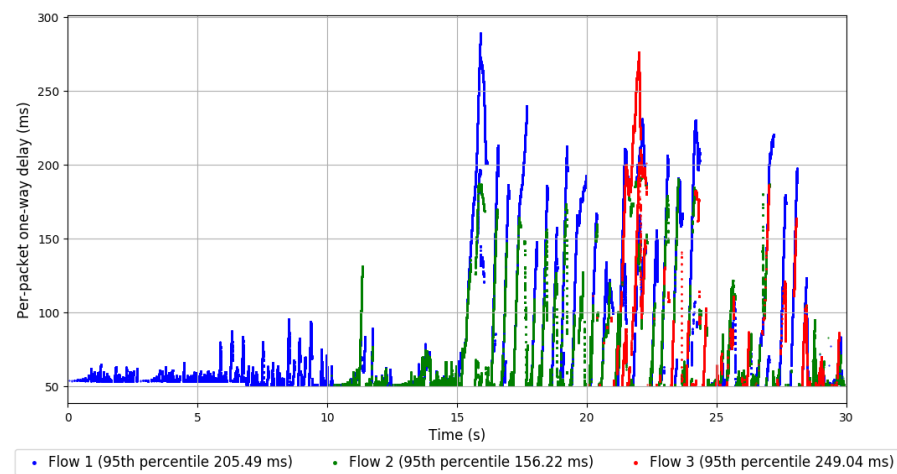
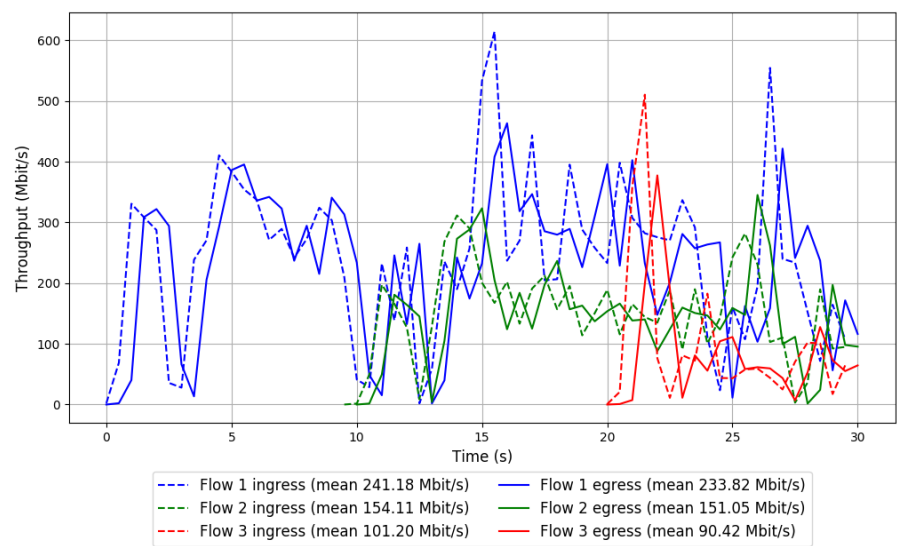
-- Flow 3:

Average throughput: 90.42 Mbit/s

95th percentile per-packet one-way delay: 249.042 ms

Loss rate: 10.33%

Run 7: Report of Verus — Data Link

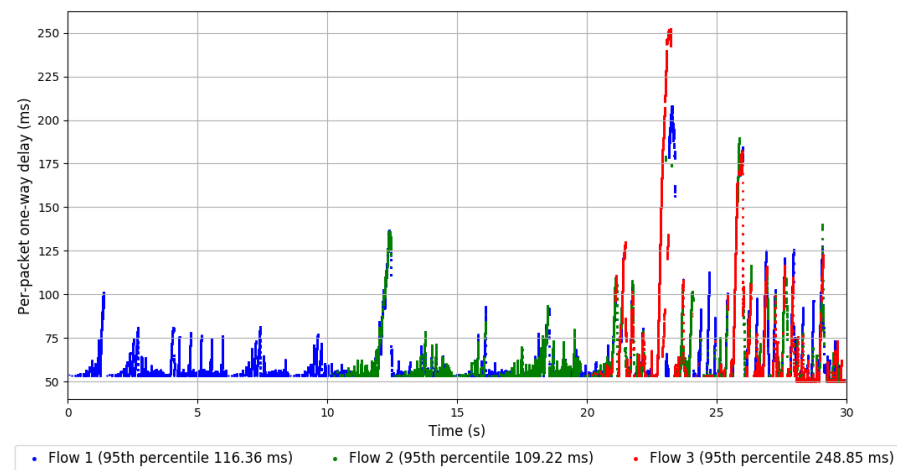
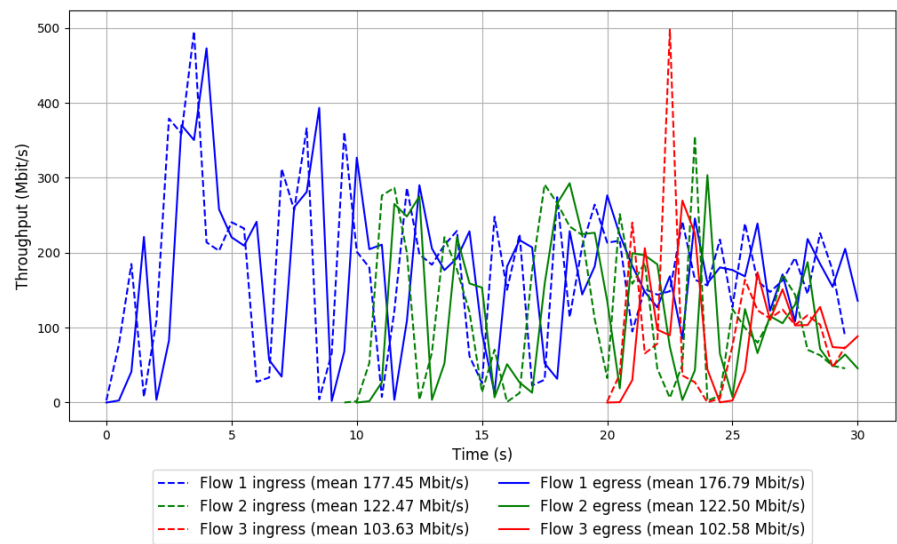


Run 8: Statistics of Verus

Start at: 2018-07-12 07:04:04
End at: 2018-07-12 07:04:34
Local clock offset: -0.011 ms
Remote clock offset: -0.26 ms

```
# Below is generated by plot.py at 2018-07-12 10:40:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 292.00 Mbit/s
95th percentile per-packet one-way delay: 134.815 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 176.79 Mbit/s
95th percentile per-packet one-way delay: 116.356 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 122.50 Mbit/s
95th percentile per-packet one-way delay: 109.222 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 102.58 Mbit/s
95th percentile per-packet one-way delay: 248.847 ms
Loss rate: 1.06%
```

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-07-12 07:28:32

End at: 2018-07-12 07:29:02

Local clock offset: -0.175 ms

Remote clock offset: -1.41 ms

Below is generated by plot.py at 2018-07-12 10:43:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 333.91 Mbit/s

95th percentile per-packet one-way delay: 141.108 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 215.05 Mbit/s

95th percentile per-packet one-way delay: 136.034 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 144.98 Mbit/s

95th percentile per-packet one-way delay: 151.106 ms

Loss rate: 0.51%

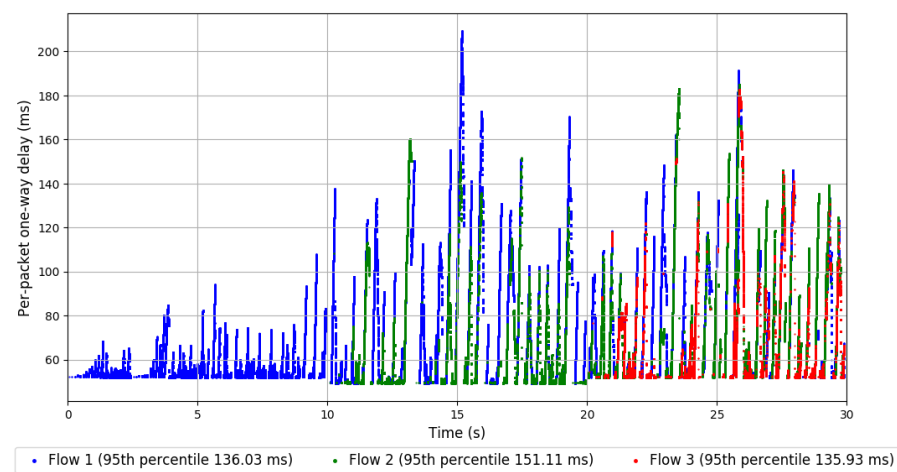
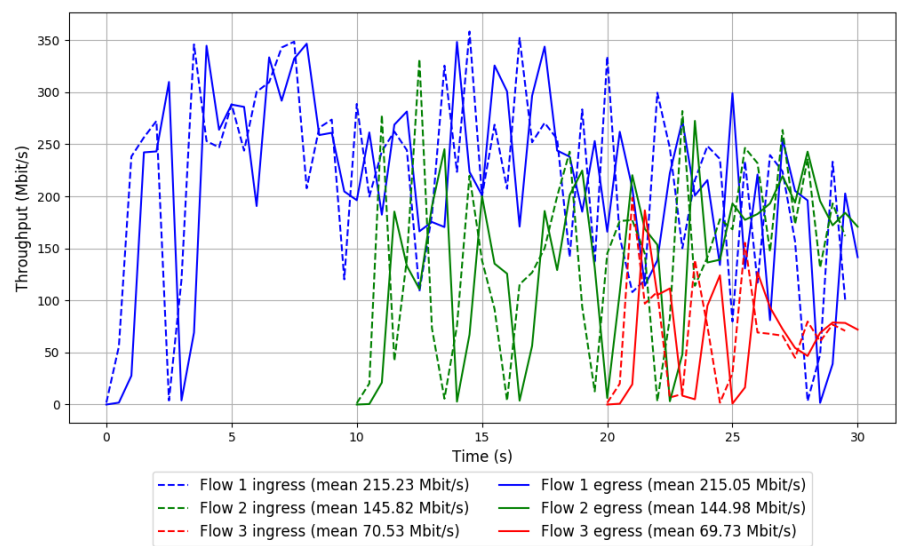
-- Flow 3:

Average throughput: 69.73 Mbit/s

95th percentile per-packet one-way delay: 135.930 ms

Loss rate: 1.02%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-07-12 07:53:03

End at: 2018-07-12 07:53:33

Local clock offset: -0.083 ms

Remote clock offset: 0.091 ms

Below is generated by plot.py at 2018-07-12 10:44:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 389.08 Mbit/s

95th percentile per-packet one-way delay: 197.303 ms

Loss rate: 1.76%

-- Flow 1:

Average throughput: 266.55 Mbit/s

95th percentile per-packet one-way delay: 205.307 ms

Loss rate: 1.80%

-- Flow 2:

Average throughput: 141.30 Mbit/s

95th percentile per-packet one-way delay: 175.890 ms

Loss rate: 1.52%

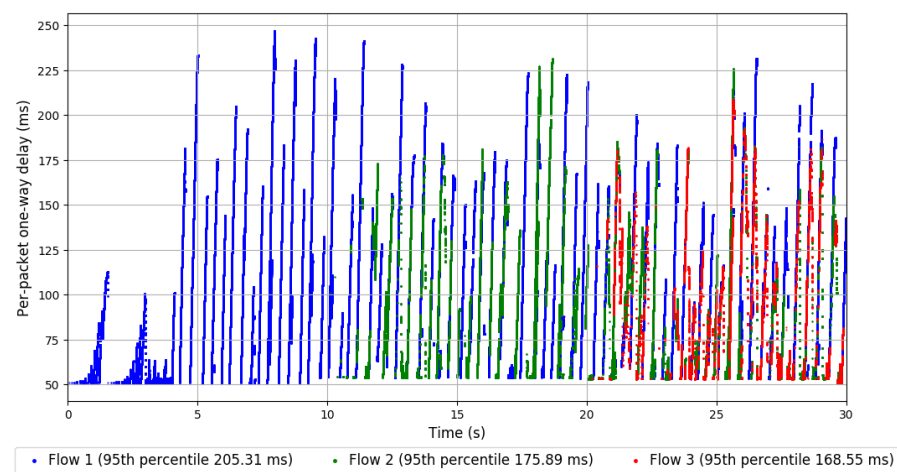
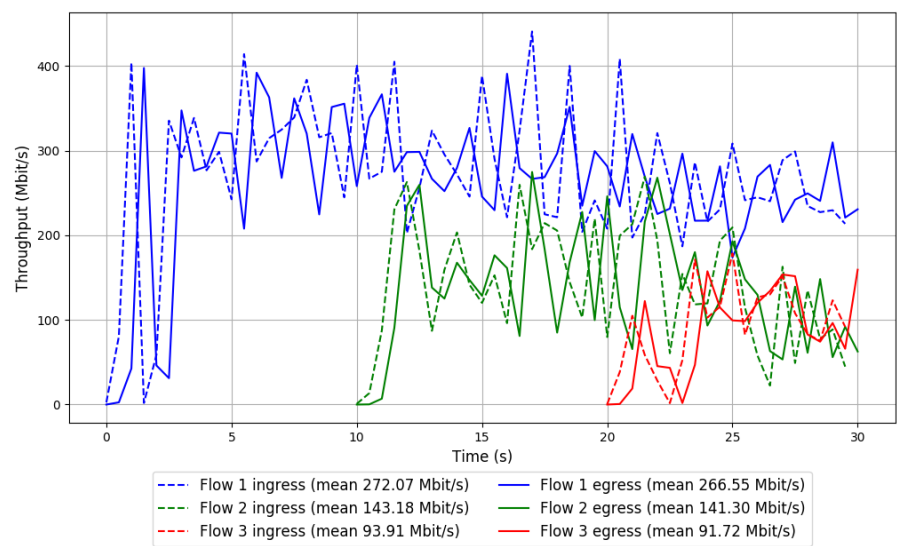
-- Flow 3:

Average throughput: 91.72 Mbit/s

95th percentile per-packet one-way delay: 168.548 ms

Loss rate: 2.05%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-07-12 04:04:18

End at: 2018-07-12 04:04:48

Local clock offset: -0.163 ms

Remote clock offset: 0.129 ms

Below is generated by plot.py at 2018-07-12 10:48:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 532.47 Mbit/s

95th percentile per-packet one-way delay: 54.346 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 325.39 Mbit/s

95th percentile per-packet one-way delay: 54.883 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 289.62 Mbit/s

95th percentile per-packet one-way delay: 53.860 ms

Loss rate: 0.00%

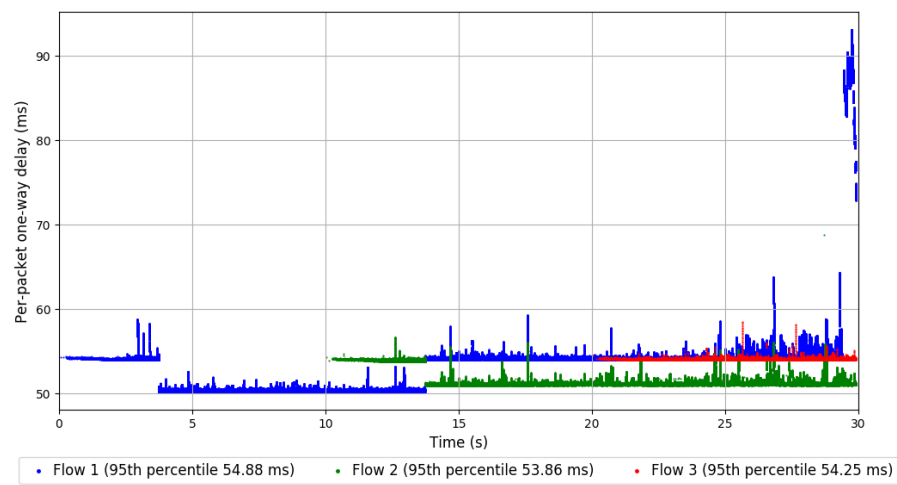
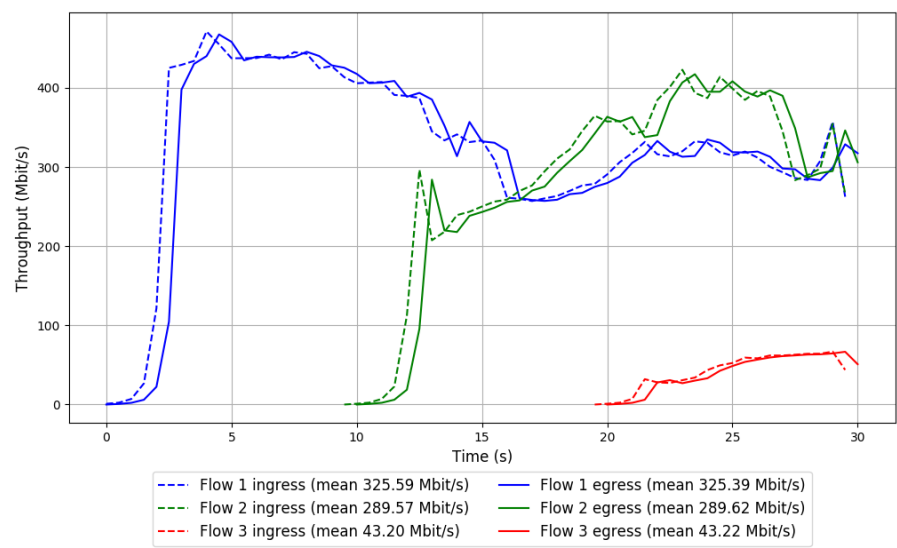
-- Flow 3:

Average throughput: 43.22 Mbit/s

95th percentile per-packet one-way delay: 54.249 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

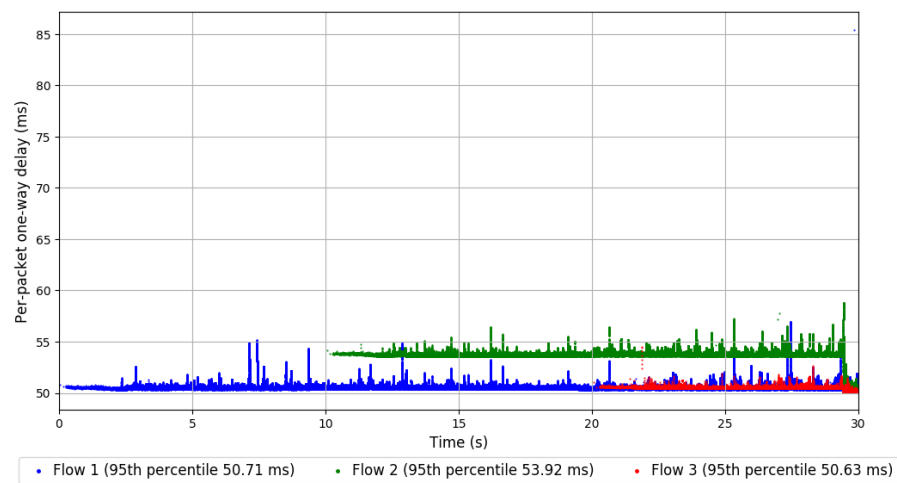
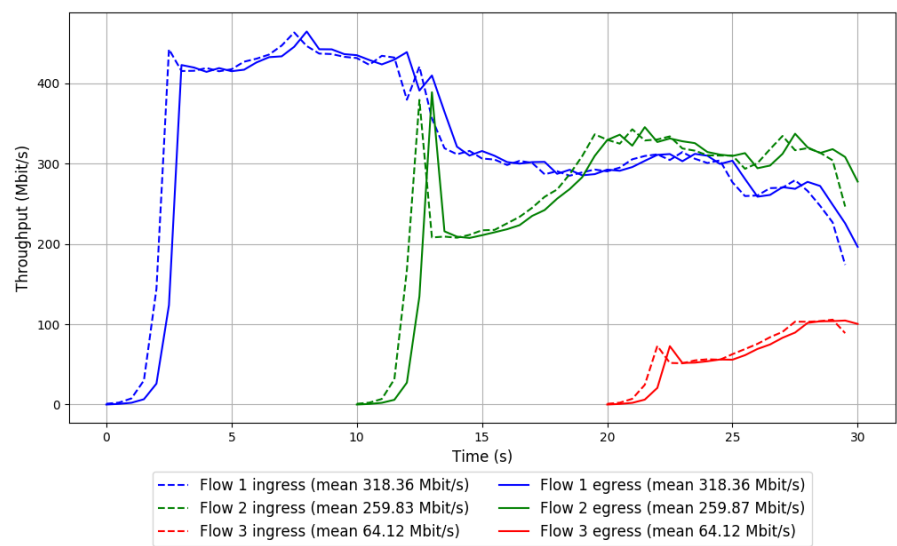


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-12 04:29:03
End at: 2018-07-12 04:29:33
Local clock offset: 0.047 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2018-07-12 10:49:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 512.34 Mbit/s
95th percentile per-packet one-way delay: 53.767 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 318.36 Mbit/s
95th percentile per-packet one-way delay: 50.711 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 259.87 Mbit/s
95th percentile per-packet one-way delay: 53.922 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.12 Mbit/s
95th percentile per-packet one-way delay: 50.631 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

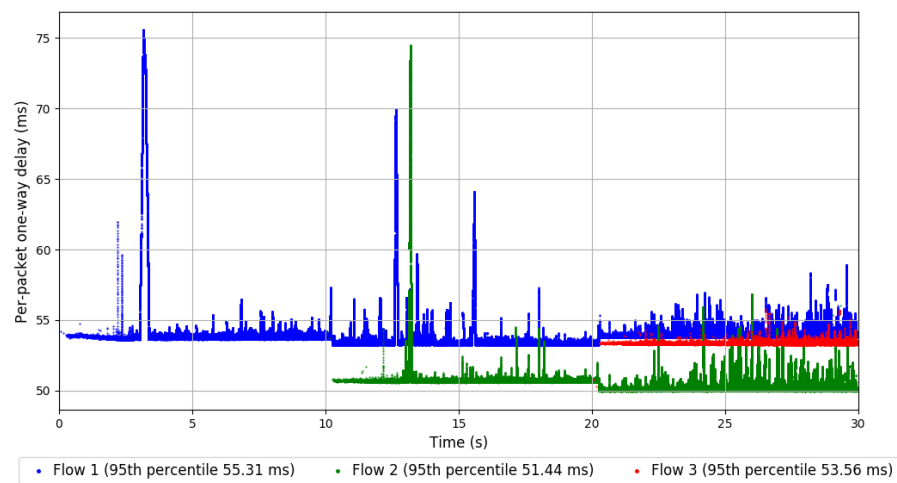
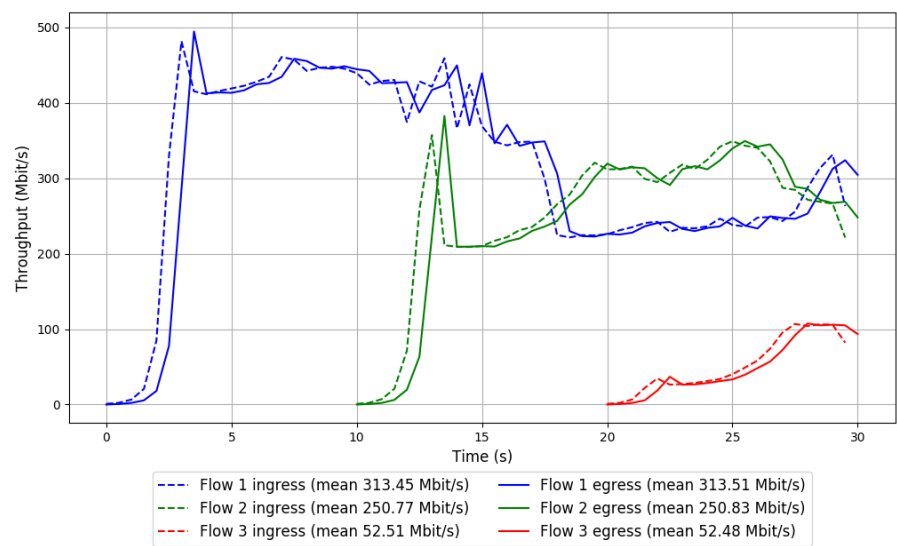


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-12 04:53:12
End at: 2018-07-12 04:53:42
Local clock offset: -0.109 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-07-12 10:49:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 497.59 Mbit/s
95th percentile per-packet one-way delay: 54.737 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 313.51 Mbit/s
95th percentile per-packet one-way delay: 55.307 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 250.83 Mbit/s
95th percentile per-packet one-way delay: 51.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.48 Mbit/s
95th percentile per-packet one-way delay: 53.565 ms
Loss rate: 0.05%

Run 3: Report of PCC-Vivace — Data Link

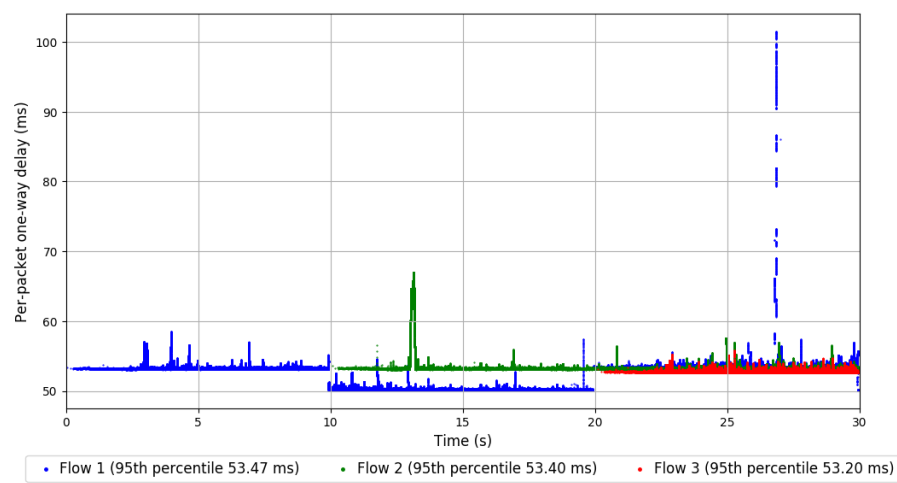
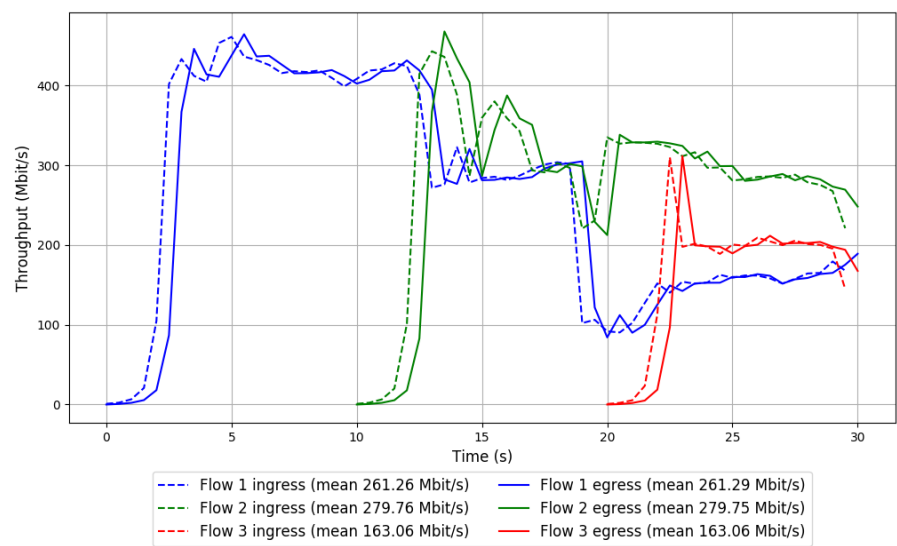


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-12 05:18:12
End at: 2018-07-12 05:18:42
Local clock offset: -0.058 ms
Remote clock offset: -0.465 ms

Below is generated by plot.py at 2018-07-12 10:49:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 500.90 Mbit/s
95th percentile per-packet one-way delay: 53.426 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 261.29 Mbit/s
95th percentile per-packet one-way delay: 53.469 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 279.75 Mbit/s
95th percentile per-packet one-way delay: 53.395 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 163.06 Mbit/s
95th percentile per-packet one-way delay: 53.205 ms
Loss rate: 0.02%

Run 4: Report of PCC-Vivace — Data Link

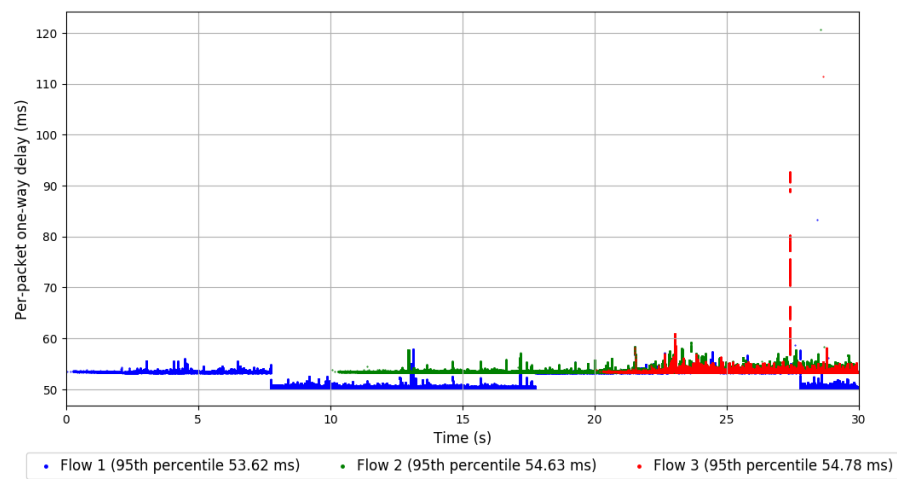
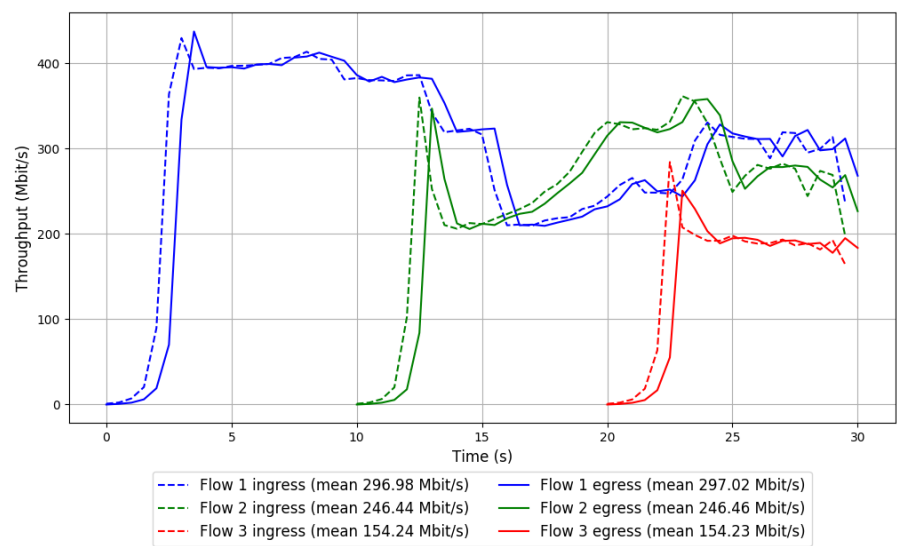


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-12 05:42:54
End at: 2018-07-12 05:43:24
Local clock offset: -0.157 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2018-07-12 10:49:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 511.76 Mbit/s
95th percentile per-packet one-way delay: 54.188 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 297.02 Mbit/s
95th percentile per-packet one-way delay: 53.616 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 246.46 Mbit/s
95th percentile per-packet one-way delay: 54.629 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 154.23 Mbit/s
95th percentile per-packet one-way delay: 54.778 ms
Loss rate: 0.04%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-07-12 06:07:25

End at: 2018-07-12 06:07:55

Local clock offset: -0.132 ms

Remote clock offset: 0.128 ms

Below is generated by plot.py at 2018-07-12 10:49:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 492.30 Mbit/s

95th percentile per-packet one-way delay: 55.585 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 330.13 Mbit/s

95th percentile per-packet one-way delay: 112.408 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 197.96 Mbit/s

95th percentile per-packet one-way delay: 53.446 ms

Loss rate: 0.02%

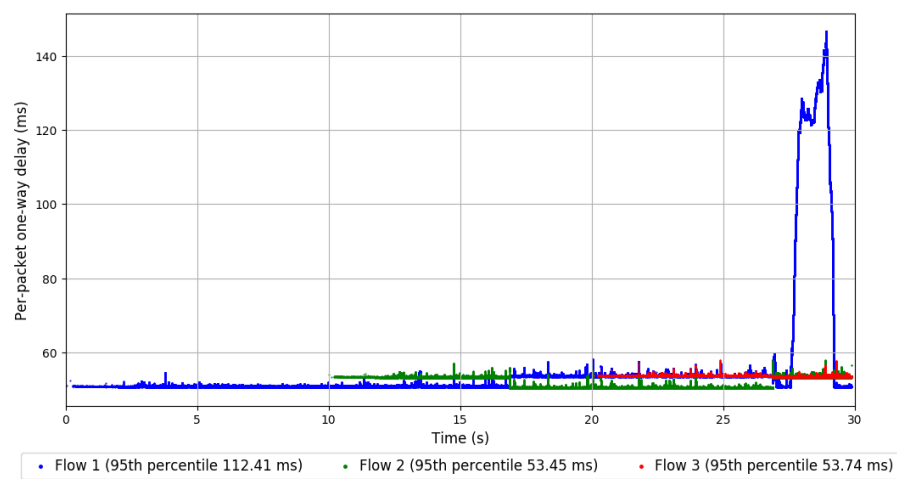
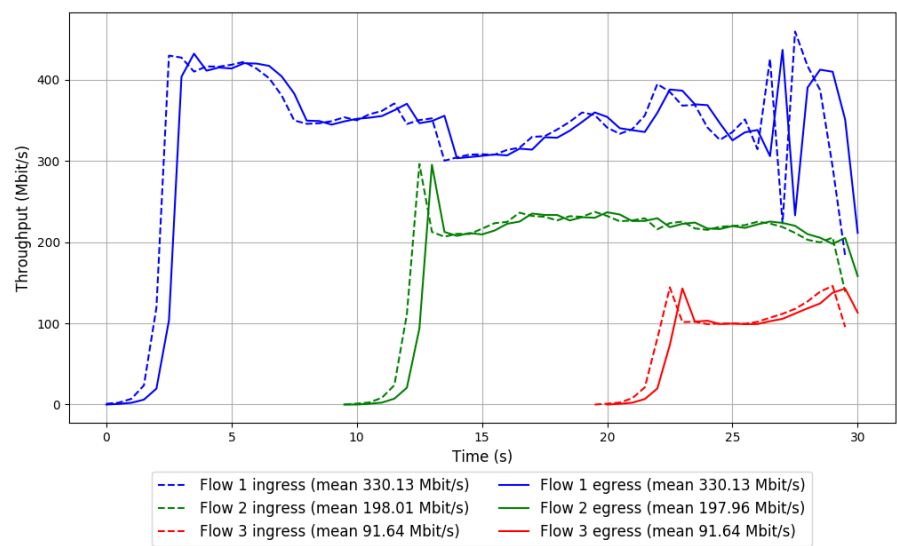
-- Flow 3:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: 53.743 ms

Loss rate: 0.03%

Run 6: Report of PCC-Vivace — Data Link

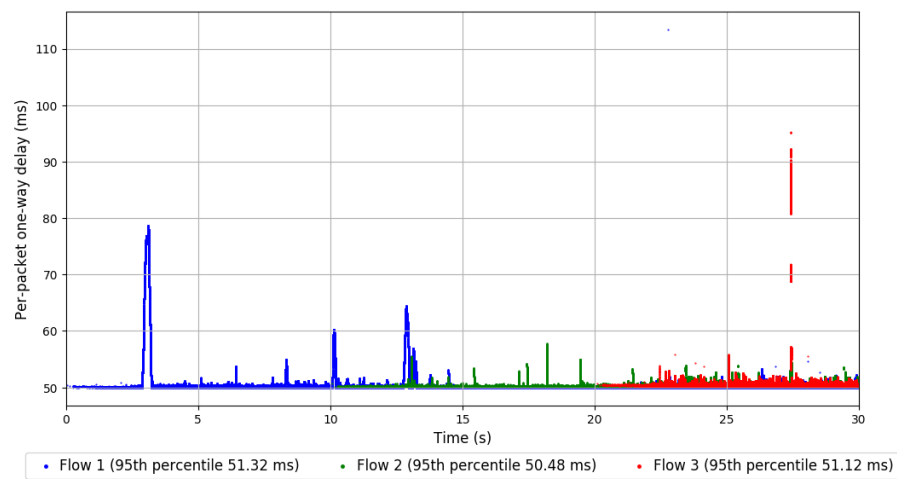
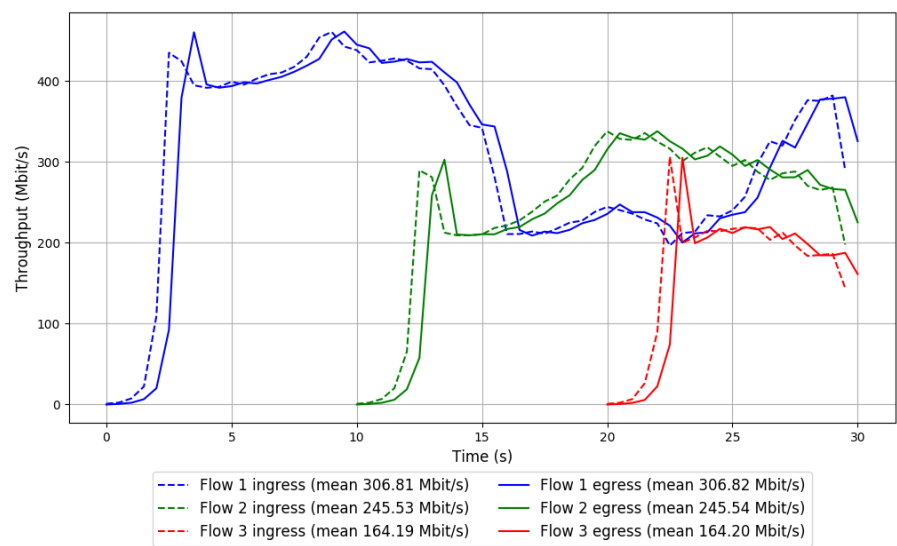


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-12 06:32:14
End at: 2018-07-12 06:32:44
Local clock offset: 0.055 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2018-07-12 10:51:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 524.20 Mbit/s
95th percentile per-packet one-way delay: 50.921 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 306.82 Mbit/s
95th percentile per-packet one-way delay: 51.323 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 245.54 Mbit/s
95th percentile per-packet one-way delay: 50.478 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 164.20 Mbit/s
95th percentile per-packet one-way delay: 51.119 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-07-12 06:57:09

End at: 2018-07-12 06:57:39

Local clock offset: -0.034 ms

Remote clock offset: 1.017 ms

Below is generated by plot.py at 2018-07-12 10:51:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 538.88 Mbit/s

95th percentile per-packet one-way delay: 55.017 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 337.86 Mbit/s

95th percentile per-packet one-way delay: 55.144 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 261.26 Mbit/s

95th percentile per-packet one-way delay: 54.870 ms

Loss rate: 0.00%

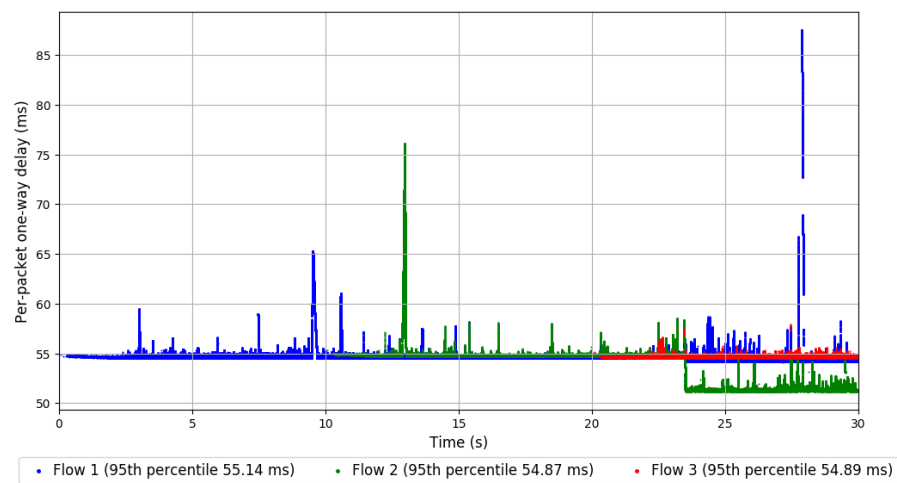
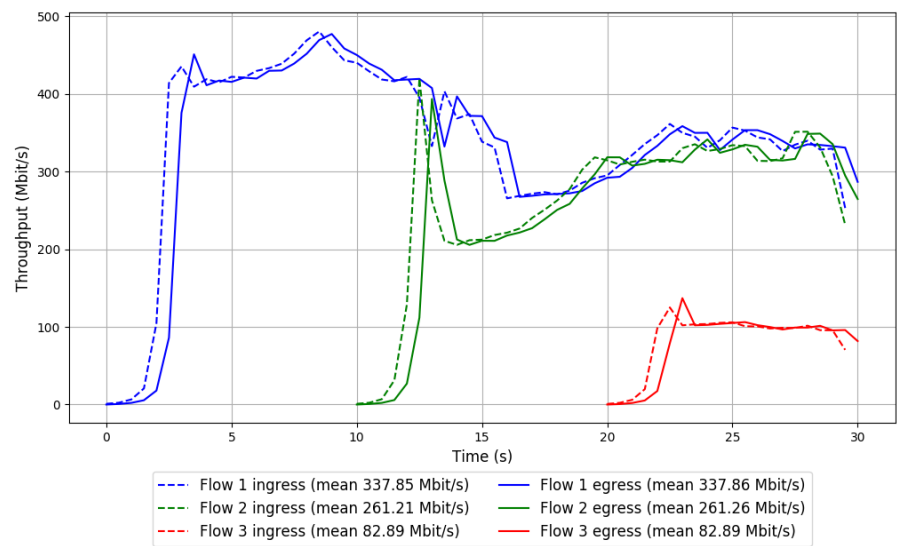
-- Flow 3:

Average throughput: 82.89 Mbit/s

95th percentile per-packet one-way delay: 54.890 ms

Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-07-12 07:21:48

End at: 2018-07-12 07:22:18

Local clock offset: 0.004 ms

Remote clock offset: 1.286 ms

Below is generated by plot.py at 2018-07-12 10:52:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 470.03 Mbit/s

95th percentile per-packet one-way delay: 54.954 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 264.63 Mbit/s

95th percentile per-packet one-way delay: 55.021 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 224.08 Mbit/s

95th percentile per-packet one-way delay: 54.658 ms

Loss rate: 0.00%

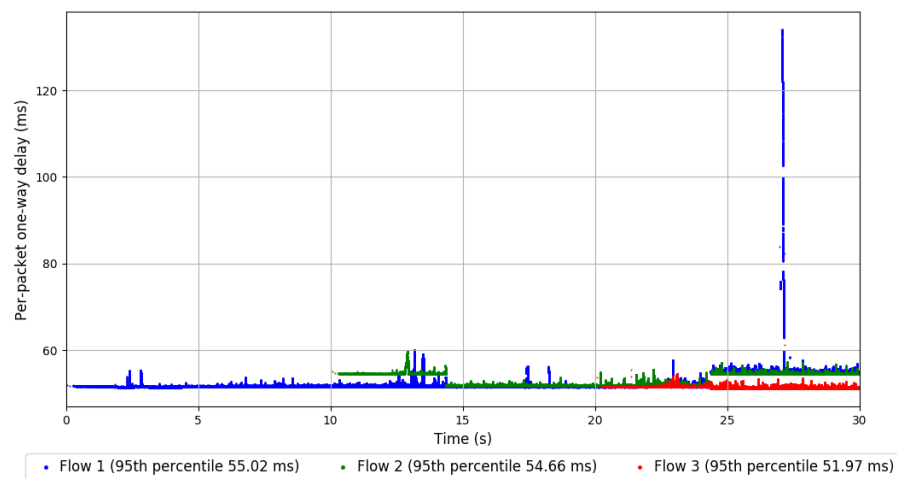
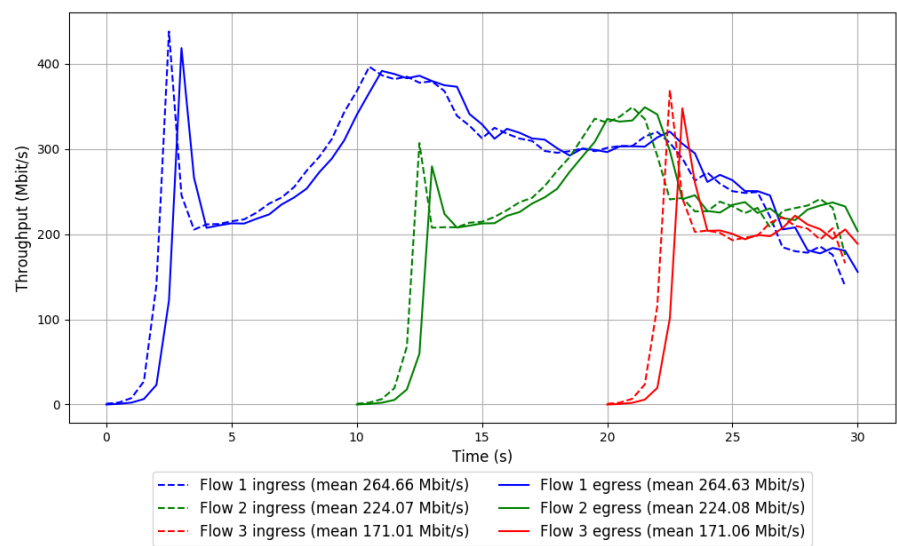
-- Flow 3:

Average throughput: 171.06 Mbit/s

95th percentile per-packet one-way delay: 51.965 ms

Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

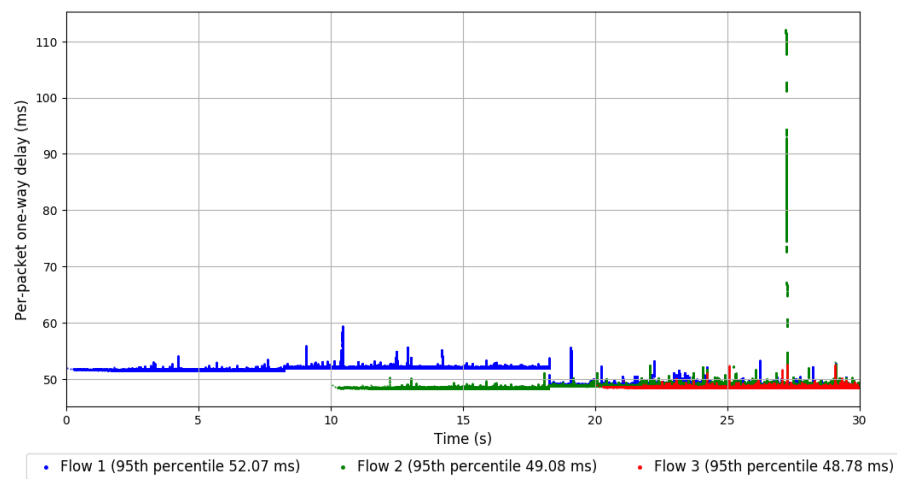
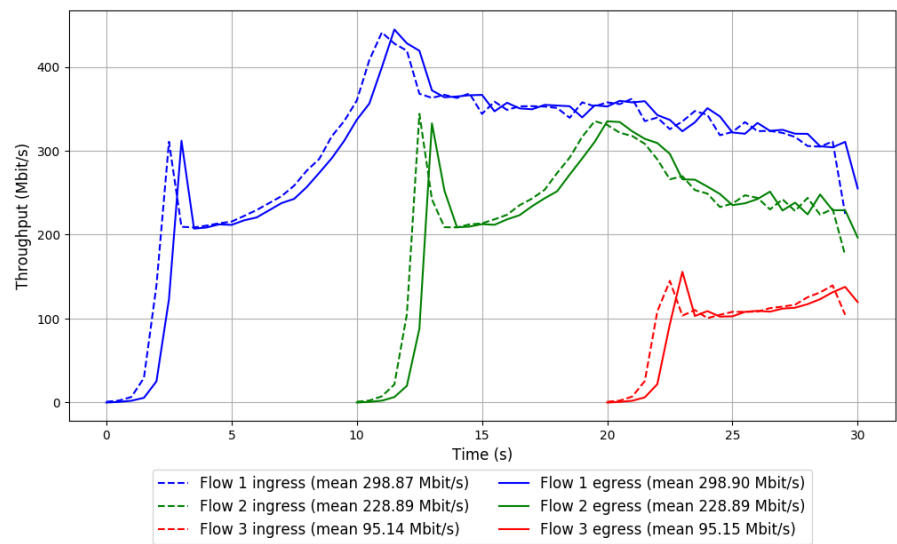


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-12 07:46:14
End at: 2018-07-12 07:46:44
Local clock offset: 0.102 ms
Remote clock offset: -1.427 ms

Below is generated by plot.py at 2018-07-12 10:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 482.57 Mbit/s
95th percentile per-packet one-way delay: 52.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 298.90 Mbit/s
95th percentile per-packet one-way delay: 52.070 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 228.89 Mbit/s
95th percentile per-packet one-way delay: 49.075 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 95.15 Mbit/s
95th percentile per-packet one-way delay: 48.785 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

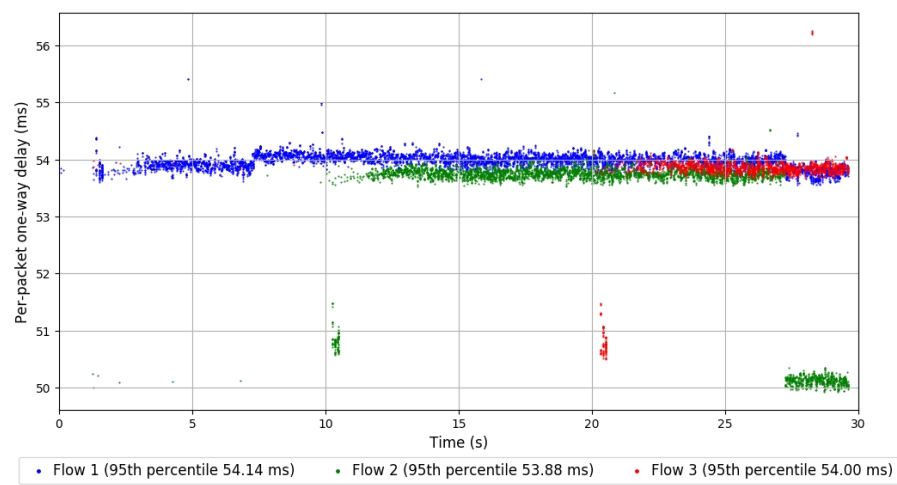
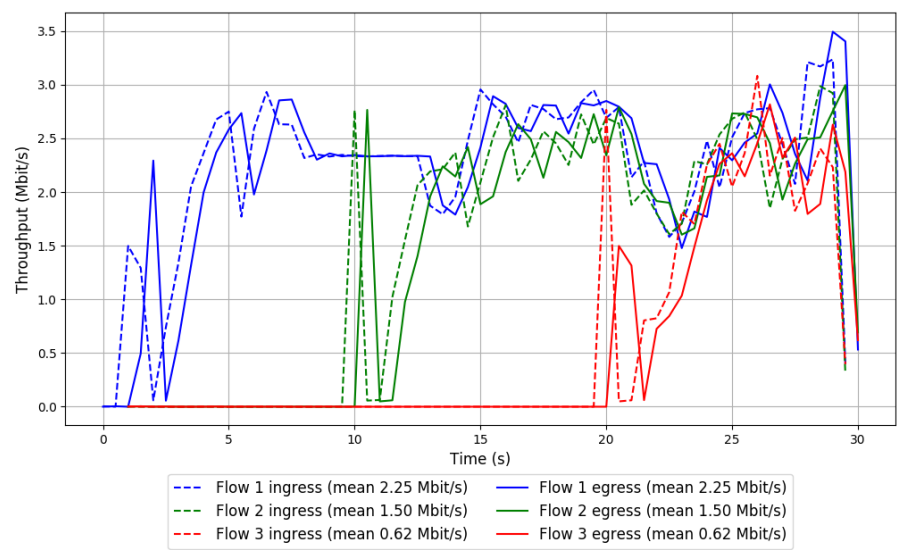


Run 1: Statistics of WebRTC media

Start at: 2018-07-12 04:12:35
End at: 2018-07-12 04:13:05
Local clock offset: -0.065 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2018-07-12 10:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 54.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 54.142 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 53.881 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 53.996 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-07-12 04:37:26

End at: 2018-07-12 04:37:56

Local clock offset: 0.1 ms

Remote clock offset: 0.096 ms

Below is generated by plot.py at 2018-07-12 10:52:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.90 Mbit/s

95th percentile per-packet one-way delay: 53.847 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.08 Mbit/s

95th percentile per-packet one-way delay: 53.538 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.30 Mbit/s

95th percentile per-packet one-way delay: 53.896 ms

Loss rate: 0.00%

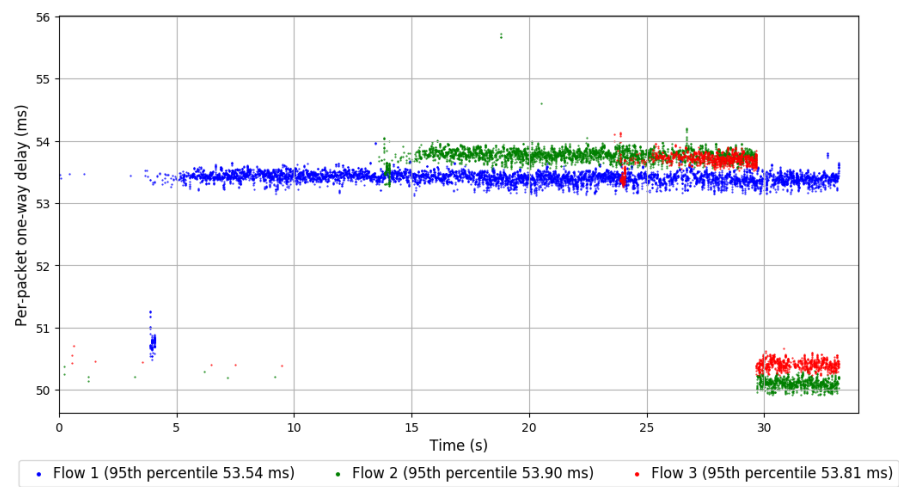
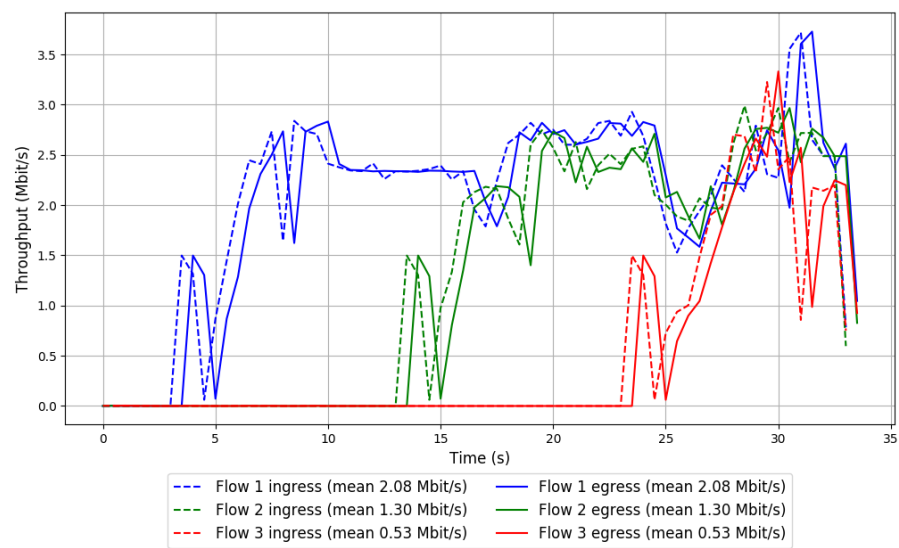
-- Flow 3:

Average throughput: 0.53 Mbit/s

95th percentile per-packet one-way delay: 53.809 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-07-12 05:01:30

End at: 2018-07-12 05:02:00

Local clock offset: 0.083 ms

Remote clock offset: 0.032 ms

Below is generated by plot.py at 2018-07-12 10:52:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.82 Mbit/s

95th percentile per-packet one-way delay: 53.965 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 2.02 Mbit/s

95th percentile per-packet one-way delay: 53.909 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 1.30 Mbit/s

95th percentile per-packet one-way delay: 50.493 ms

Loss rate: 0.00%

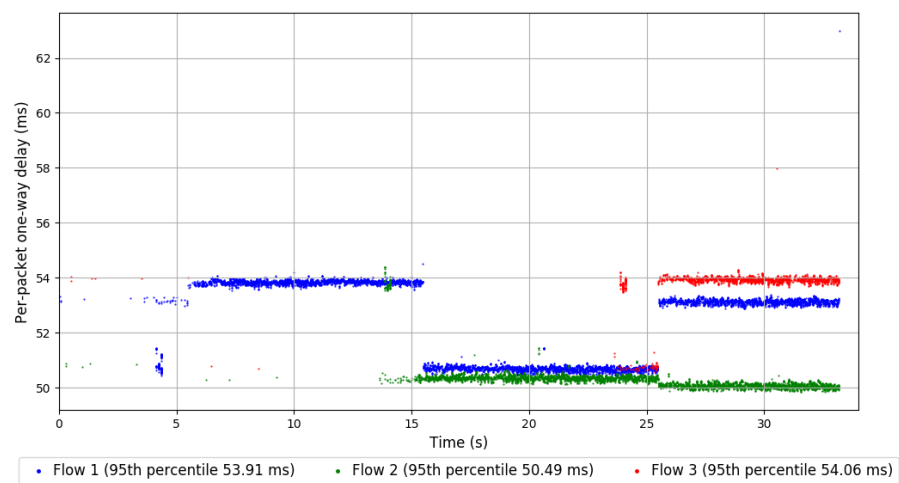
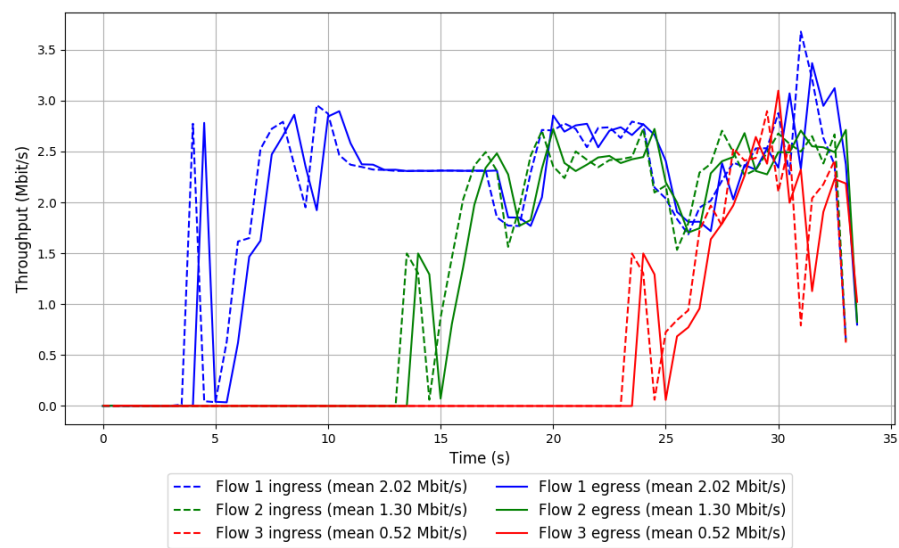
-- Flow 3:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 54.060 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

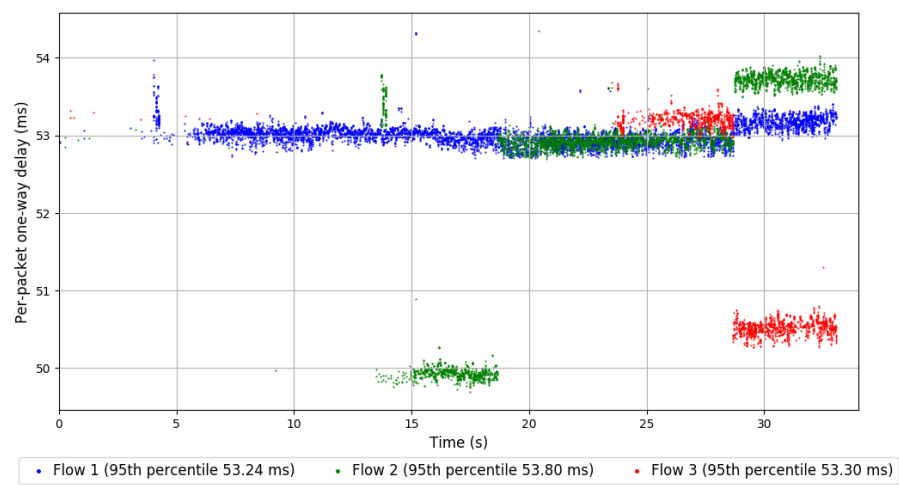
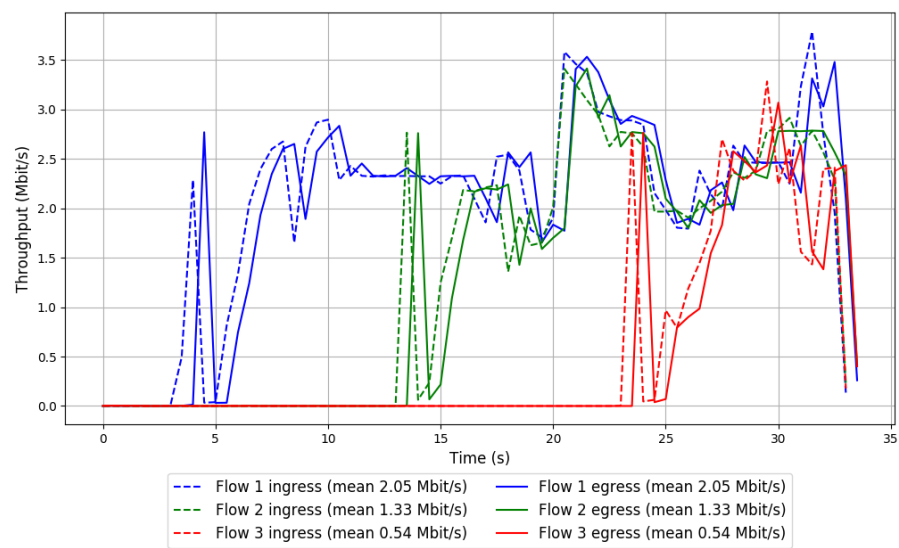


Run 4: Statistics of WebRTC media

Start at: 2018-07-12 05:26:37
End at: 2018-07-12 05:27:07
Local clock offset: 0.066 ms
Remote clock offset: -0.132 ms

```
# Below is generated by plot.py at 2018-07-12 10:52:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 53.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 53.244 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 53.801 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 53.295 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

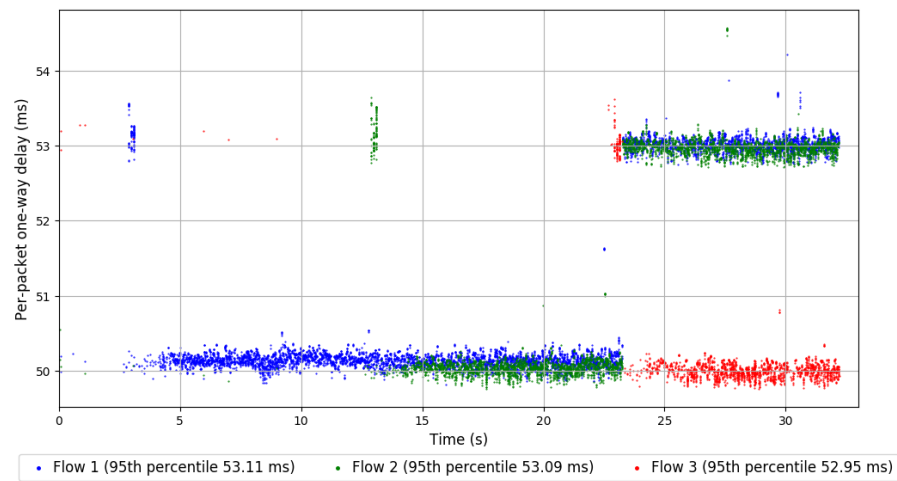
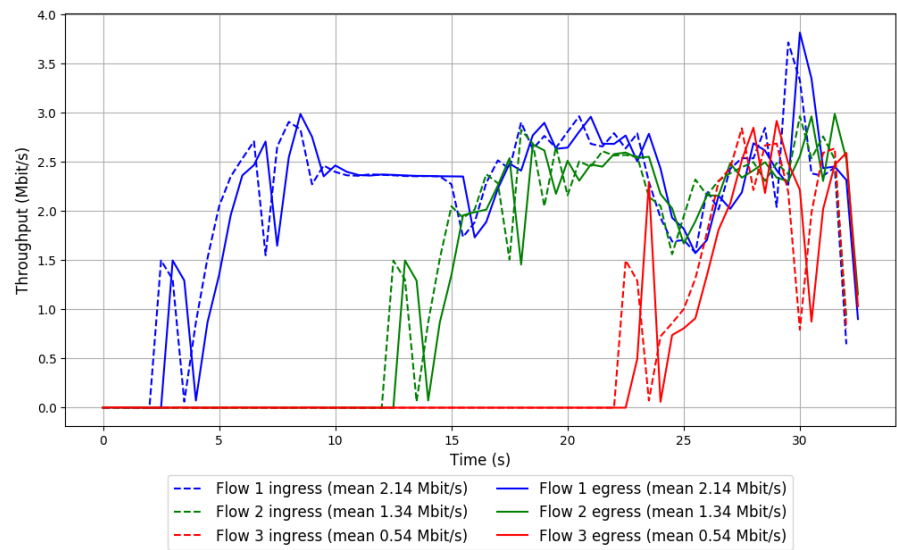


Run 5: Statistics of WebRTC media

Start at: 2018-07-12 05:51:11
End at: 2018-07-12 05:51:41
Local clock offset: 0.218 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-12 10:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 53.099 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 53.110 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 53.095 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 52.947 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

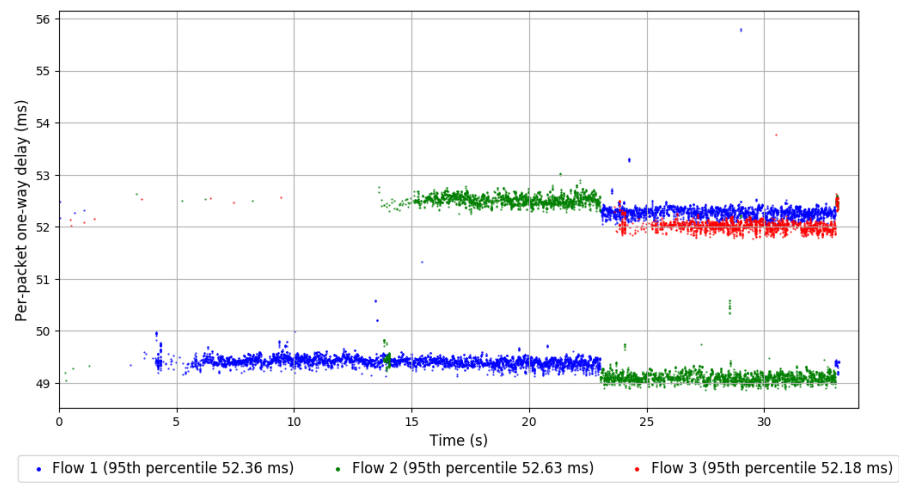
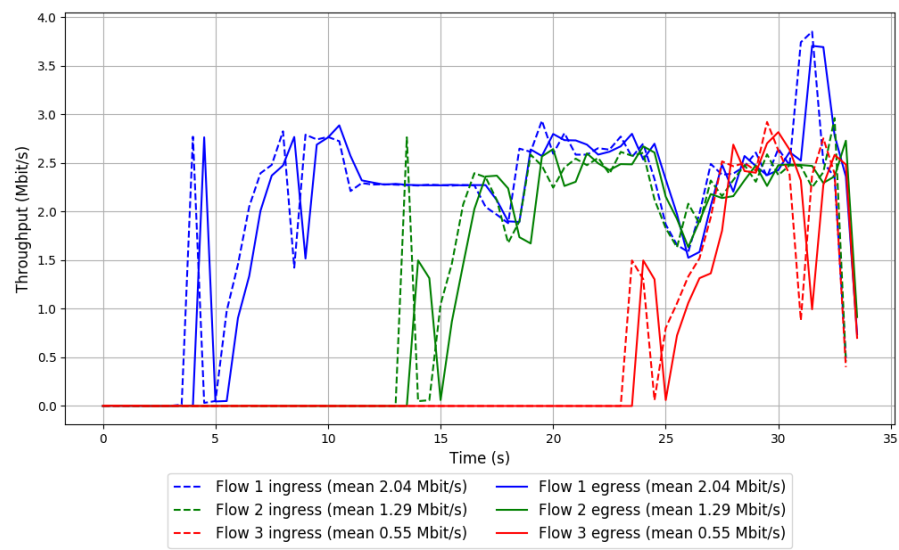


Run 6: Statistics of WebRTC media

Start at: 2018-07-12 06:15:42
End at: 2018-07-12 06:16:12
Local clock offset: 0.083 ms
Remote clock offset: -1.232 ms

Below is generated by plot.py at 2018-07-12 10:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 52.556 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 52.361 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 52.632 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 52.177 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

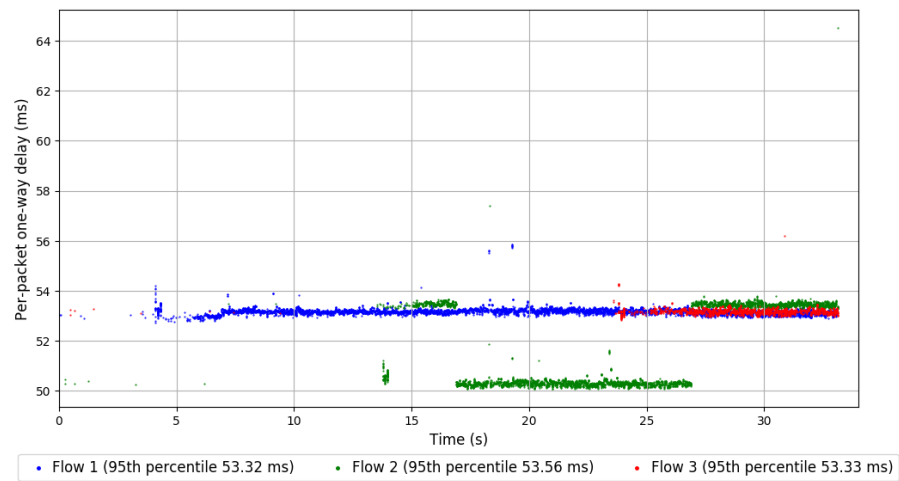
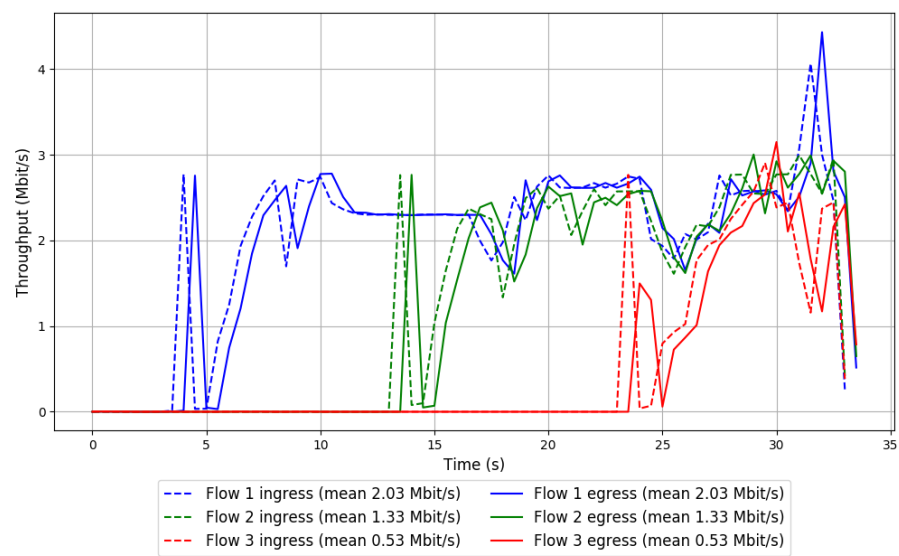


Run 7: Statistics of WebRTC media

Start at: 2018-07-12 06:40:49
End at: 2018-07-12 06:41:19
Local clock offset: -0.046 ms
Remote clock offset: -0.289 ms

Below is generated by plot.py at 2018-07-12 10:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 53.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 53.318 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 53.560 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 53.329 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-07-12 07:05:32

End at: 2018-07-12 07:06:02

Local clock offset: -0.058 ms

Remote clock offset: 0.095 ms

Below is generated by plot.py at 2018-07-12 10:52:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.78 Mbit/s

95th percentile per-packet one-way delay: 54.146 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 54.130 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.26 Mbit/s

95th percentile per-packet one-way delay: 53.978 ms

Loss rate: 0.00%

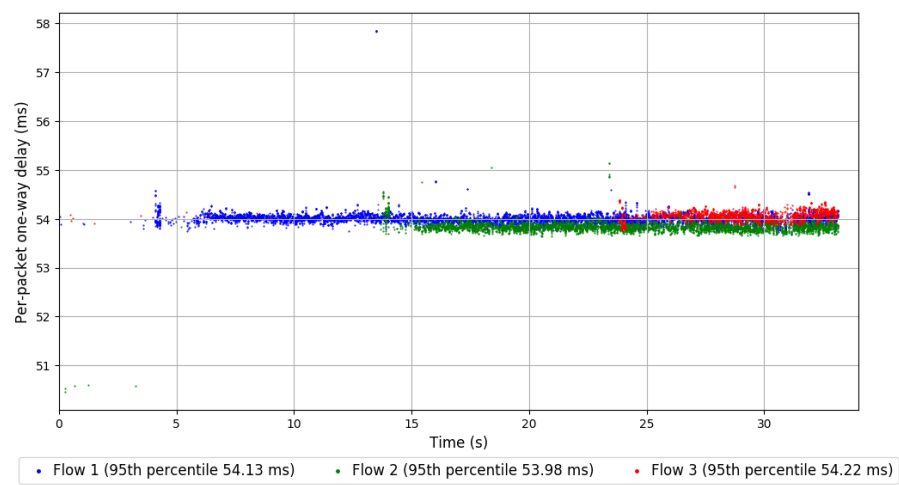
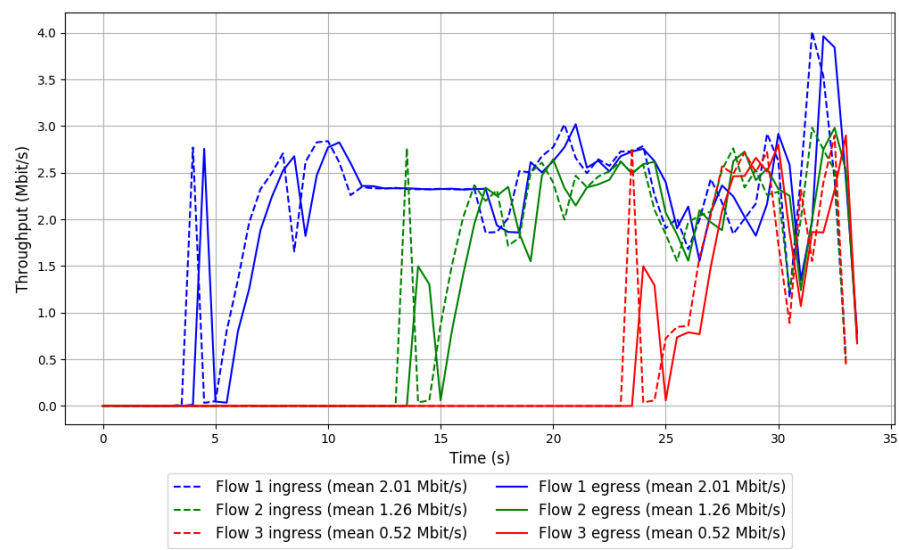
-- Flow 3:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 54.215 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

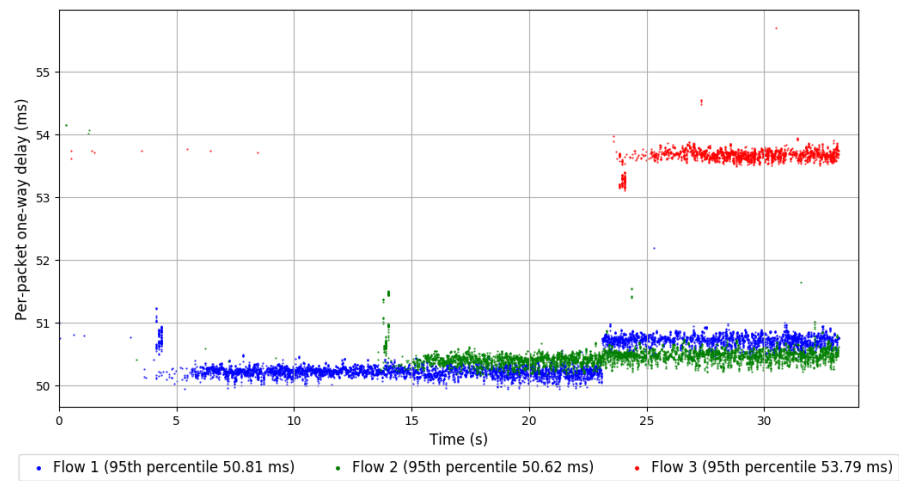
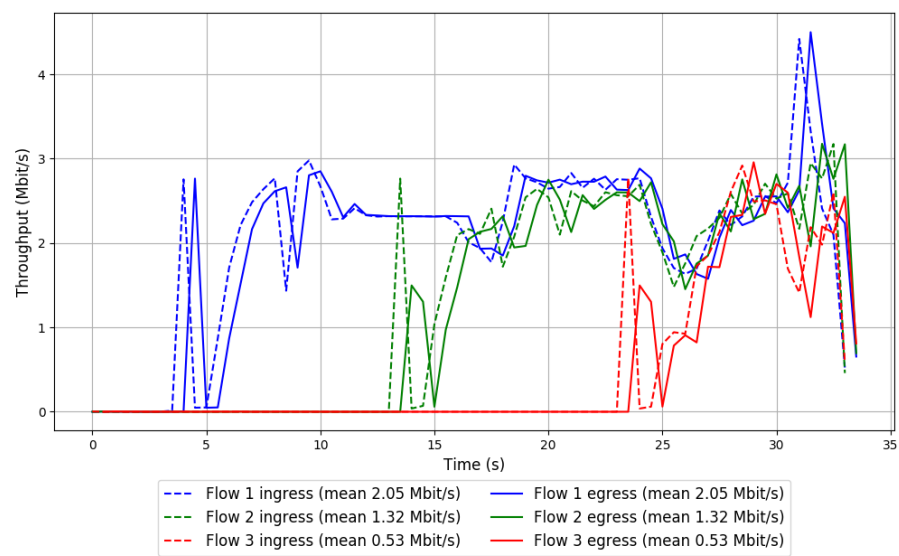


Run 9: Statistics of WebRTC media

Start at: 2018-07-12 07:30:02
End at: 2018-07-12 07:30:32
Local clock offset: -0.222 ms
Remote clock offset: -0.236 ms

Below is generated by plot.py at 2018-07-12 10:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 53.690 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 50.813 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 50.624 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 53.790 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-12 07:54:37
End at: 2018-07-12 07:55:07
Local clock offset: 0.032 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2018-07-12 10:52:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 53.637 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 50.487 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 53.765 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 50.601 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

